Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102120\
Data File : PR047930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2020 08:28
Operator : AJ\MA
Sample : L4365-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

**Instrument :** ECD_R
**ClientSampleId :** BEQD4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 01:06:14 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102120CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 21 10:52:16 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 4.730 | 3.882 | 19293452 | 23514986 | 10.681 | 8.708 | |
| 2) | SA Decachlor... | 10.665 | 8.977 | 27047572 | 145.2E6 | 13.428 | 12.977 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.910 | 4.973 | 53680840 | 55259568 | 708.470 | 756.399 | |
| 4) | L1 AR-1016-2 | 5.935 | 4.993 | 65511304 | 54908256 | 615.416 | 372.254 | # |
| 5) | L1 AR-1016-3 | 6.006 | 5.172 | 34256053 | 19502869 | 525.413 | 253.236 | # |
| 6) | L1 AR-1016-4 | 6.094 | 5.212 | 17485999 | 70252706 | 327.915 | 1716.054 | # |
| 7) | L1 AR-1016-5 | 6.390 | 5.428 | 62920144 | 78355573 | 1170.020 | 1069.622 | |
| 8) | L2 AR-1221-1 | 4.940 | 4.095 | 3266983 | 5566171 | 150.859 | 188.517 | |
| 9) | L2 AR-1221-2 | 5.027 | 4.181 | 7104867 | 9721638 | 458.716 | 454.999 | |
| 10) | L2 AR-1221-3 | 5.106 | 4.258 | 14817039 | 17382674 | 279.423 | 256.012 | |
| 11) | L3 AR-1232-1 | 5.106 | 4.258 | 14817039 | 17382674 | 335.556 | 305.149 | |
| 12) | L3 AR-1232-2 | 5.641 | 4.993 | 49642843 | 54908256 | 2146.448 | 840.311 | # |
| 13) | L3 AR-1232-3 | 5.935 | 5.172 | 65511304 | 19502869 | 1374.866 | 559.871 | # |
| 14) | L3 AR-1232-4 | 6.094 | 5.254 | 17485999 | 93084989 | 727.068 | 3924.576 | # |
| 15) | L3 AR-1232-5 | 6.183 | 5.428 | 88063676 | 78355573 | 4662.172 | 2448.419 | # |
| 16) | L4 AR-1242-1 | 5.910 | 4.973 | 53680840 | 55259568 | 844.295 | 899.557 | |
| 17) | L4 AR-1242-2 | 5.935 | 4.993 | 65511304 | 54908256 | 735.735 | 461.768 | # |
| 18) | L4 AR-1242-3 | 6.006 | 5.172 | 34256053 | 19502869 | 626.143 | 284.984 | # |
| 19) | L4 AR-1242-4 | 6.094 | 5.254 | 17485999 | 93084989 | 389.676 | 1874.688 | # |
| 20) | L4 AR-1242-5 | 6.836 | 5.782 | 62956655 | 122.7E6 | 1181.590 | 1435.611 | |
| 21) | L5 AR-1248-1 | 5.910 | 4.973 | 53680840 | 55259568 | 1146.209 | 1210.815 | |
| 22) | L5 AR-1248-2 | 6.183 | 5.212 | 88063676 | 70252706 | 1315.043 | 1218.846 | |
| 23) | L5 AR-1248-3 | 6.390 | 5.254 | 62920144 | 93084989 | 846.751 | 1310.650 | # |
| 24) | L5 AR-1248-4 | 6.794 | 5.428 | 31307615 | 78355573 | 347.478 | 795.285 | # |
| 25) | L5 AR-1248-5 | 6.836 | 5.824 | 62956655 | 70359837 | 728.937 | 466.918 | # |
| 26) | L6 AR-1254-1 | 6.768 | 5.782 | 90614050 | 122.7E6 | 976.905 | 764.596 | |
| 27) | L6 AR-1254-2 | 6.986 | 5.930 | 133.9E6 | 125.3E6 | 929.226 | 764.890 | |
| 28) | L6 AR-1254-3 | 7.357 | 6.337 | 127.7E6 | 340.4E6 | 833.107 | 947.514 | |
| 29) | L6 AR-1254-4 | 7.642 | 6.565 | 99715665 | 366.8E6 | 840.821 | 763.698 | |
| 30) | L6 AR-1254-5 | 8.063 | 6.985 | 197.0E6 | 773.5E6 | 1547.387 | 1243.303 | |
| 31) | L7 AR-1260-1 | 7.519 | 6.468 | 89693473 | 200.1E6 | 874.211 | 1128.748 | # |
| 32) | L7 AR-1260-2 | 7.774 | 6.656 | 106.7E6 | 512.7E6 | 841.156 | 851.593 | |
| 33) | L7 AR-1260-3 | 8.134 | 6.810 | 39262409 | 260.5E6 | 405.534 | 704.364 | # |
| 34) | L7 AR-1260-4 | 8.368 | 7.287 | 89266893 | 109.3E6 | 815.822 | 241.388 | # |
| 35) | L7 AR-1260-5 | 8.715 | 7.529 | 81384434 | 808.8E6 | 358.130 | 429.287 | |
| 36) | L8 AR-1262-1 | 8.134 | 6.985 | 39262409 | 773.5E6 | 279.250 | 2407.038 | # |
| 37) | L8 AR-1262-2 | 8.715 | 7.529 | 81384434 | 808.8E6 | 322.703 | 389.023 | |
| 38) | L8 AR-1262-3 | 9.069 | 7.817 | 65184942 | 98222247 | 374.346 | 118.979 | # |
| 39) | L8 AR-1262-4 | 9.124 | 7.881 | 33011424 | 446.9E6 | 249.640 | 333.810 | # |
| 40) | L8 AR-1262-5 | 9.852 | 8.393 | 25267238 | 168.5E6 | 263.565 | 265.345 | |
| 41) | L9 AR-1268-1 | 9.069 | 7.817 | 65184942 | 98222247 | 214.322 | 39.550 | # |
| 42) | L9 AR-1268-2 | 9.124 | 7.881 | 33011424 | 446.9E6 | 117.303 | 213.902 | # |

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102120\
Data File : PR047930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2020 08:28
Operator : AJ\MA
Sample : L4365-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

**Instrument :** ECD_R
**ClientSampleId :** BEQD4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 01:06:14 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102120CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 21 10:52:16 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| 43) | L9 AR-1268-3 | 9.393 | 8.096 | 6272781 | 24175852 | 25.966 | 12.949 | # |
| 44) | L9 AR-1268-4 | 9.852 | 8.393 | 25267238 | 168.5E6 | 232.351 | 231.158 | |
| 45) | L9 AR-1268-5 | 10.301 | 8.703 | 12923165 | 68773165 | 16.486 | 12.738 | |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

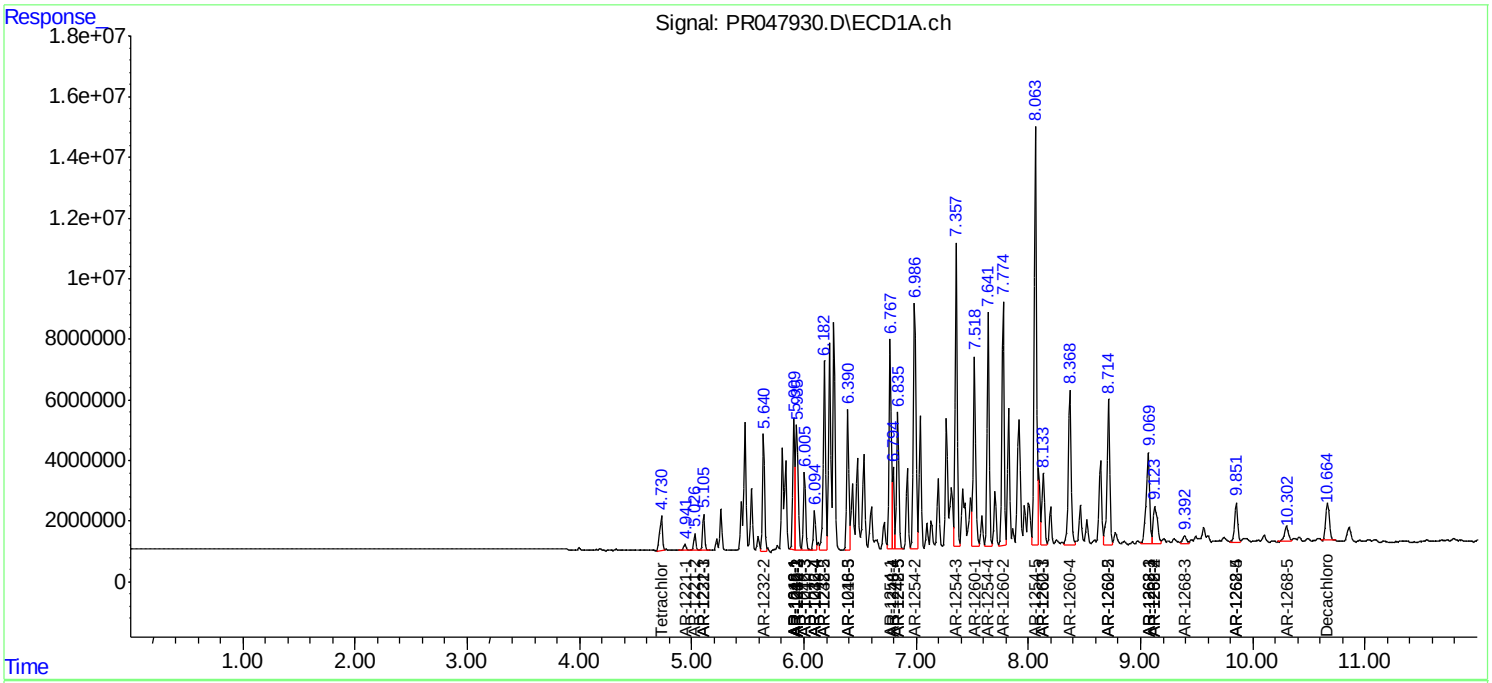
Quantitation Report (Not Reviewed)

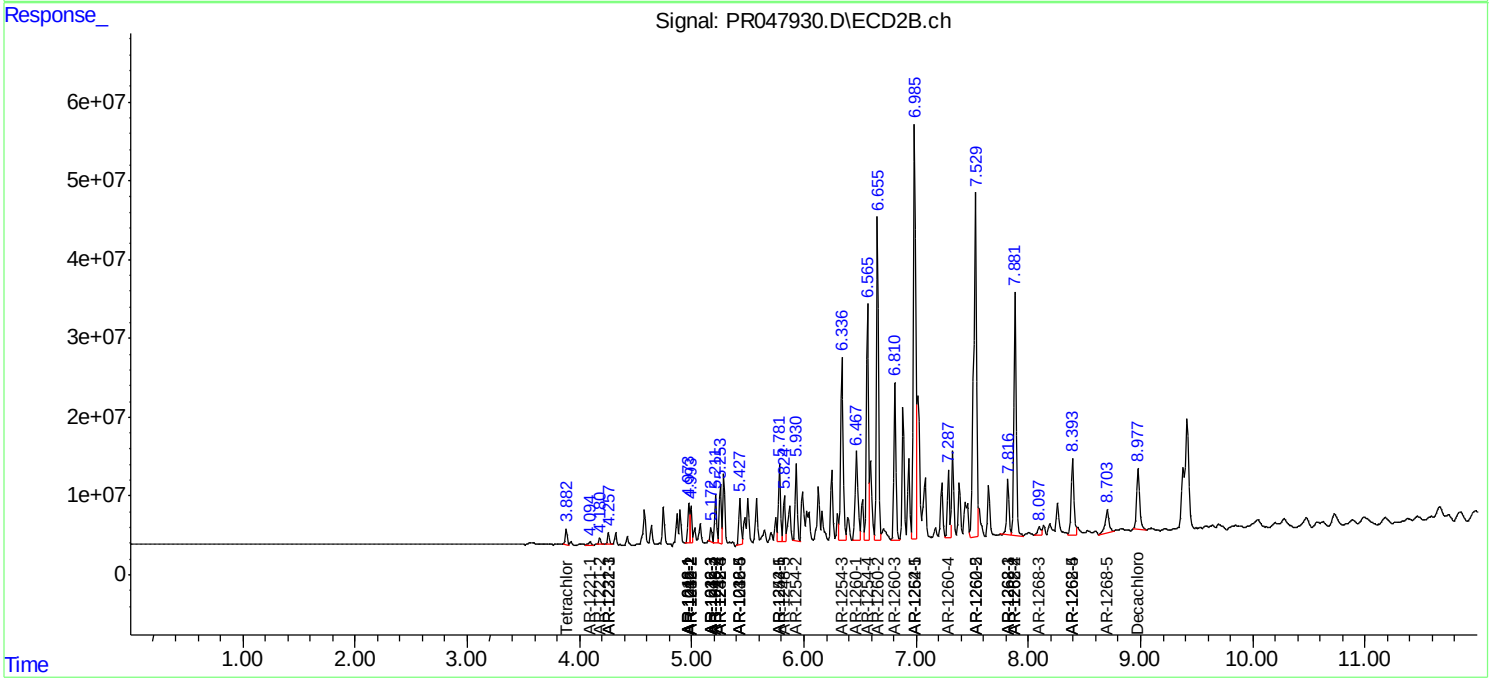
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR102120\
Data File : PR047930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2020 08:28
Operator : AJ\MA
Sample : L4365-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

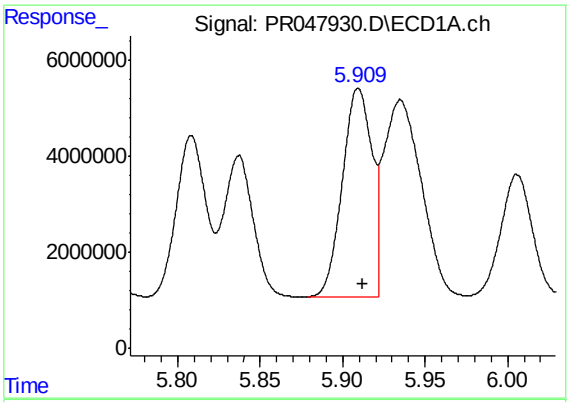
**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 01:06:14 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR102120CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 21 10:52:16 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



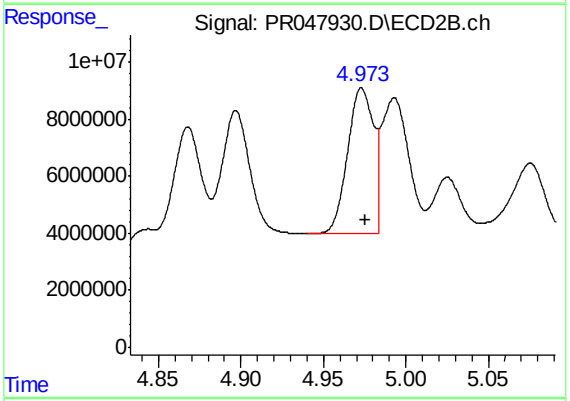






#3 AR-1016-1

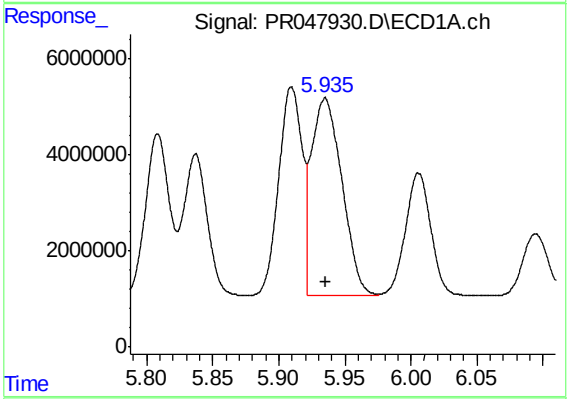
R.T.: 5.910 min
Delta R.T.: -0.003 min
Response: 53680840
Conc: 708.47 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



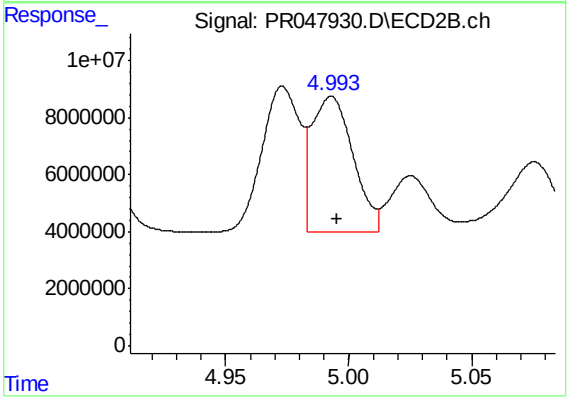

#3 AR-1016-1

R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 55259568
Conc: 756.40 ng/ml



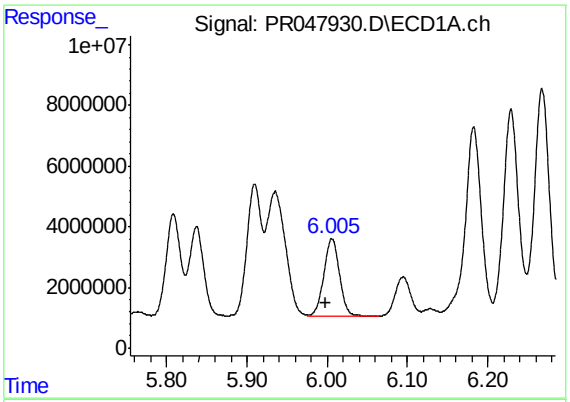

#4 AR-1016-2

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 65511304
Conc: 615.42 ng/ml




#4 AR-1016-2

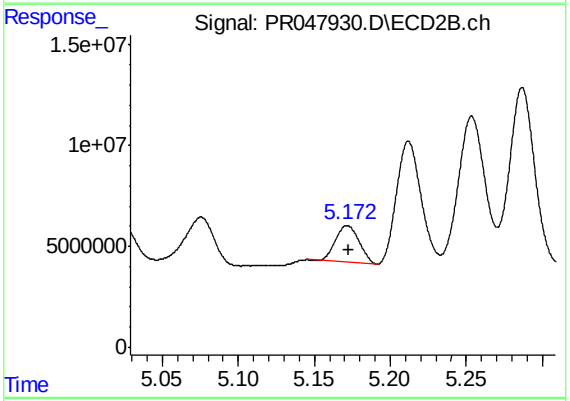
R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 54908256
Conc: 372.25 ng/ml




#5 AR-1016-3

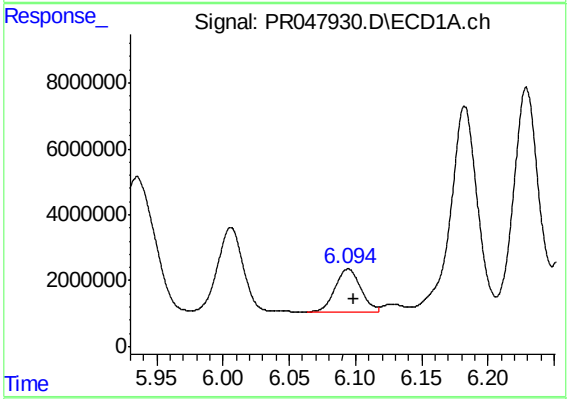
R.T.: 6.006 min
Delta R.T.: 0.007 min
Response: 34256053
Conc: 525.41 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



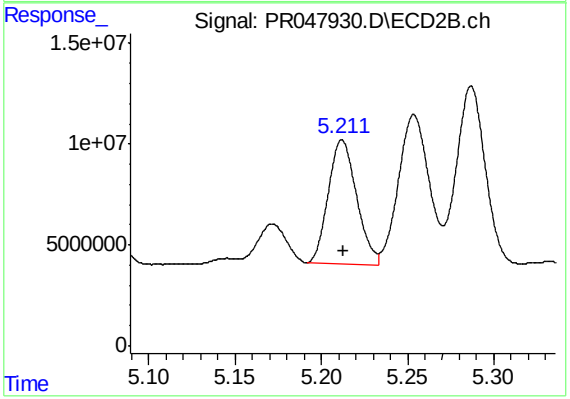

#5 AR-1016-3

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 19502869
Conc: 253.24 ng/ml



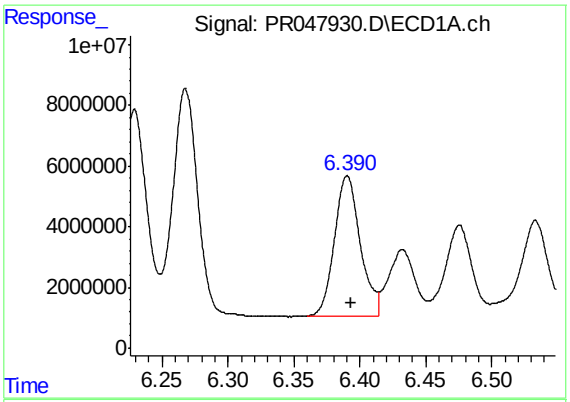

#6 AR-1016-4

R.T.: 6.094 min
Delta R.T.: -0.005 min
Response: 17485999
Conc: 327.91 ng/ml




#6 AR-1016-4

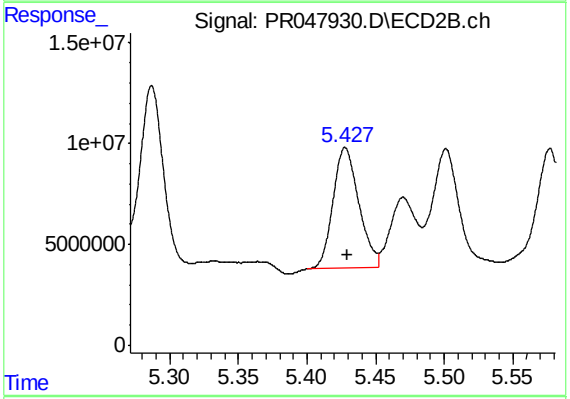
R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 70252706
Conc: 1716.05 ng/ml




#7 AR-1016-5

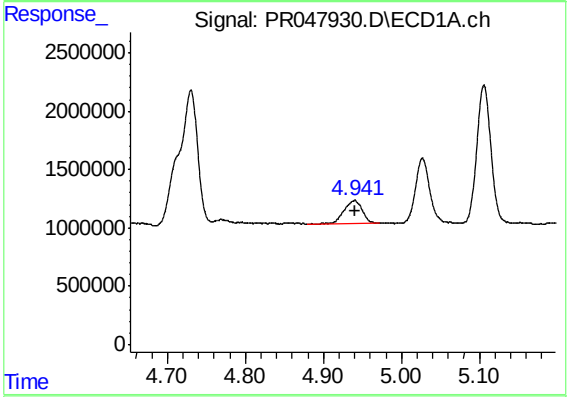
R.T.: 6.390 min
Delta R.T.: -0.003 min
Response: 62920144
Conc: 1170.02 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



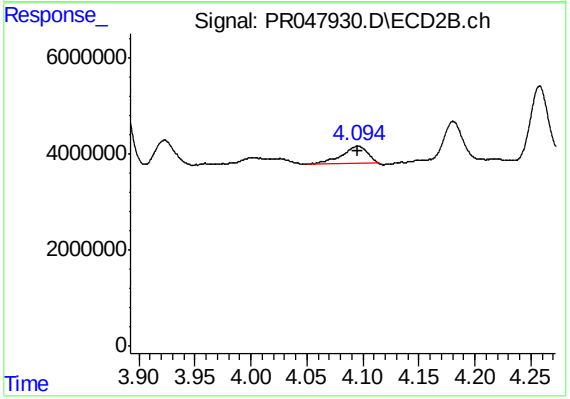

#7 AR-1016-5

R.T.: 5.428 min
Delta R.T.: -0.001 min
Response: 78355573
Conc: 1069.62 ng/ml



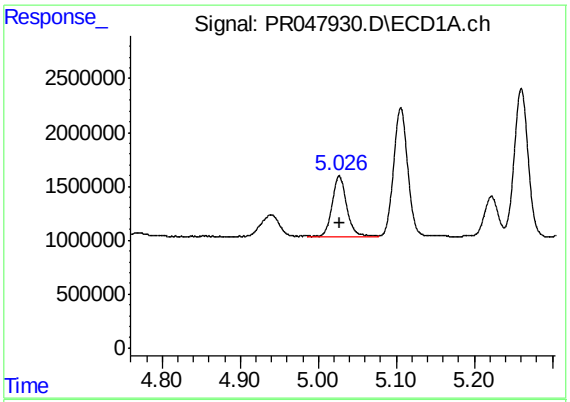

#8 AR-1221-1

R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 3266983
Conc: 150.86 ng/ml




#8 AR-1221-1

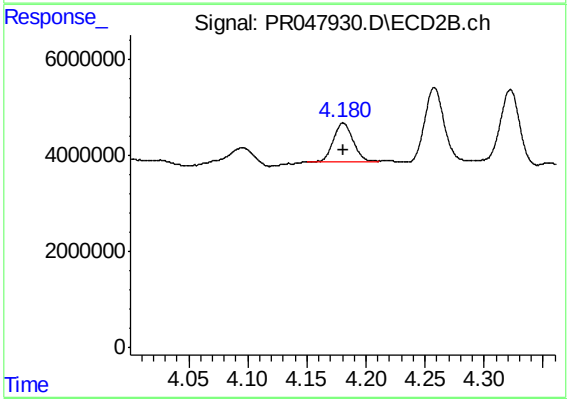
R.T.: 4.095 min
Delta R.T.: 0.000 min
Response: 5566171
Conc: 188.52 ng/ml




#9 AR-1221-2

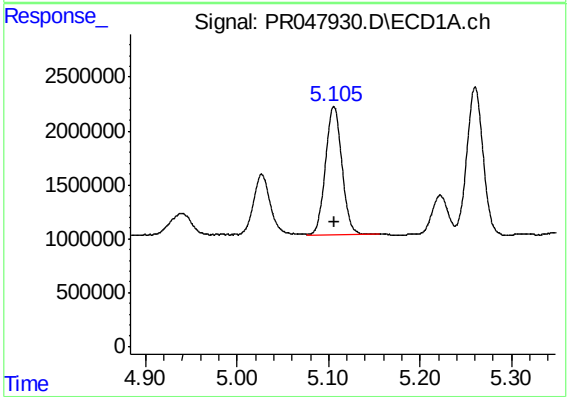
R.T.: 5.027 min
Delta R.T.: -0.001 min
Response: 7104867
Conc: 458.72 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



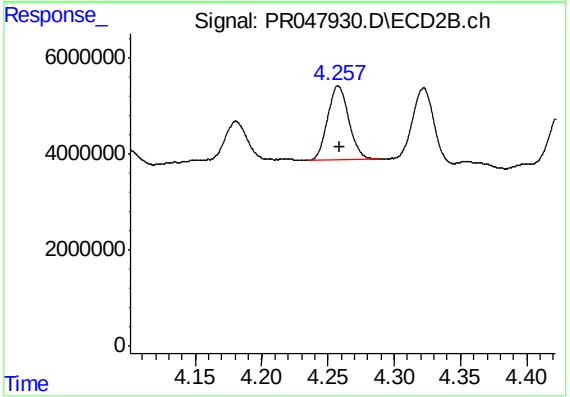

#9 AR-1221-2

R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 9721638
Conc: 455.00 ng/ml



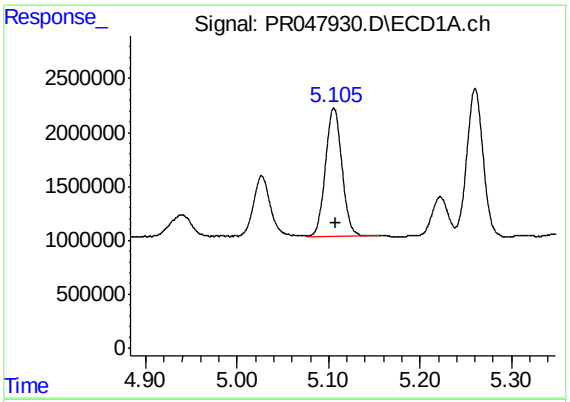

#10 AR-1221-3

R.T.: 5.106 min
Delta R.T.: -0.001 min
Response: 14817039
Conc: 279.42 ng/ml




#10 AR-1221-3

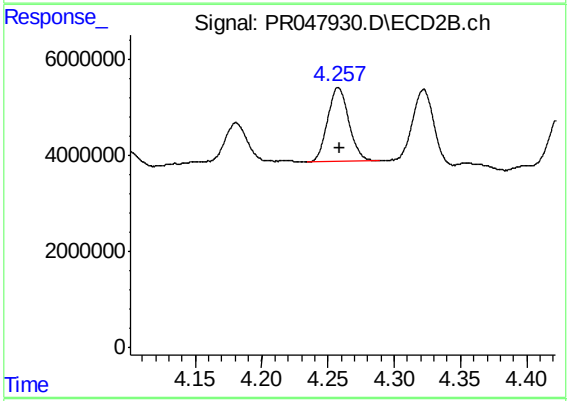
R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 17382674
Conc: 256.01 ng/ml




#11 AR-1232-1

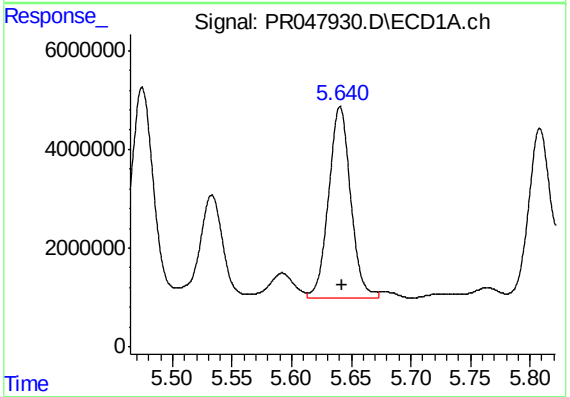
R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 14817039
Conc: 335.56 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



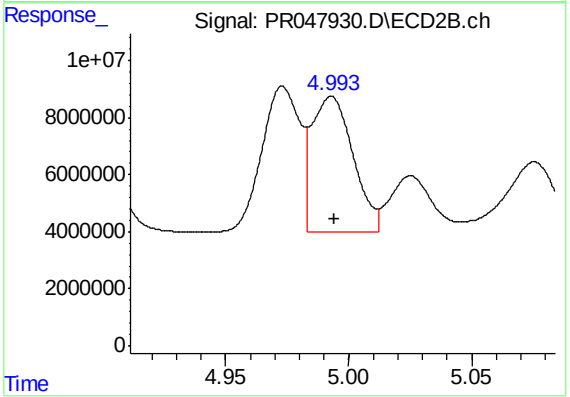

#11 AR-1232-1

R.T.: 4.258 min
Delta R.T.: -0.001 min
Response: 17382674
Conc: 305.15 ng/ml



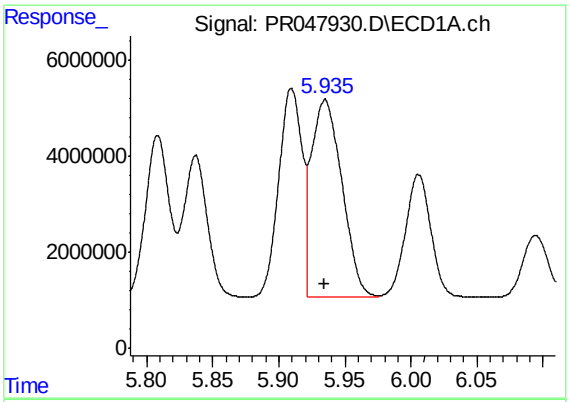

#12 AR-1232-2

R.T.: 5.641 min
Delta R.T.: -0.002 min
Response: 49642843
Conc: 2146.45 ng/ml




#12 AR-1232-2

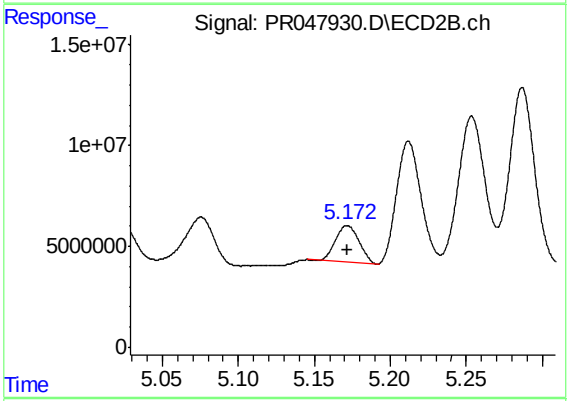
R.T.: 4.993 min
Delta R.T.: -0.001 min
Response: 54908256
Conc: 840.31 ng/ml




#13 AR-1232-3

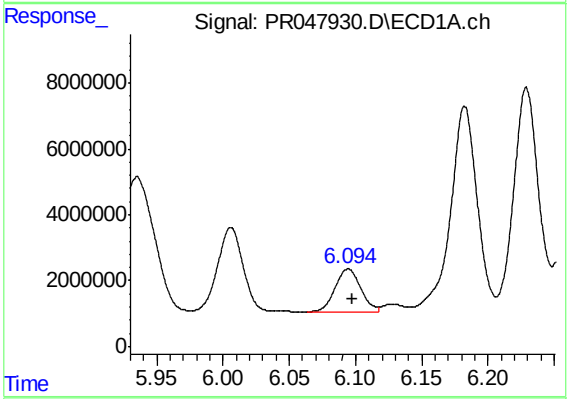
R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 65511304
Conc: 1374.87 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



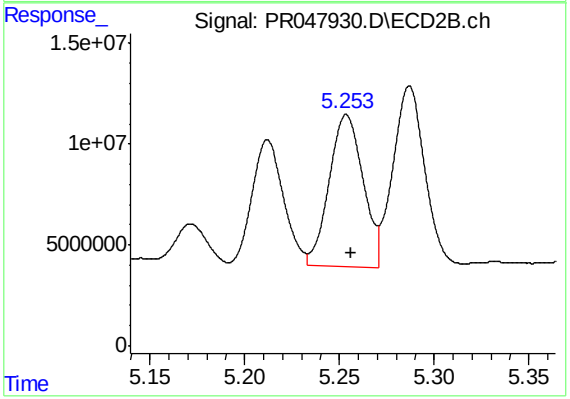

#13 AR-1232-3

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 19502869
Conc: 559.87 ng/ml



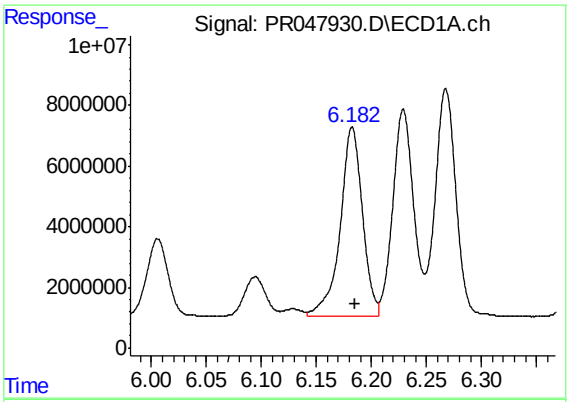

#14 AR-1232-4

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 17485999
Conc: 727.07 ng/ml




#14 AR-1232-4

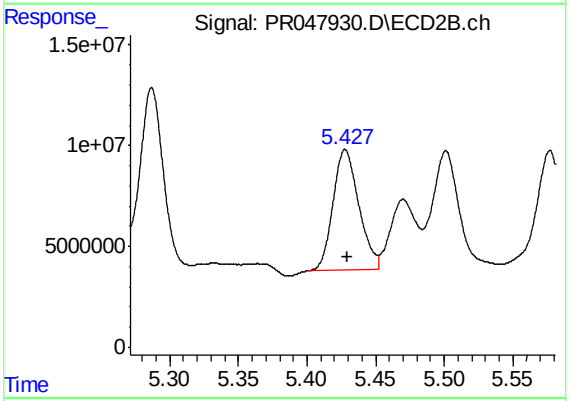
R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 93084989
Conc: 3924.58 ng/ml




#15 AR-1232-5

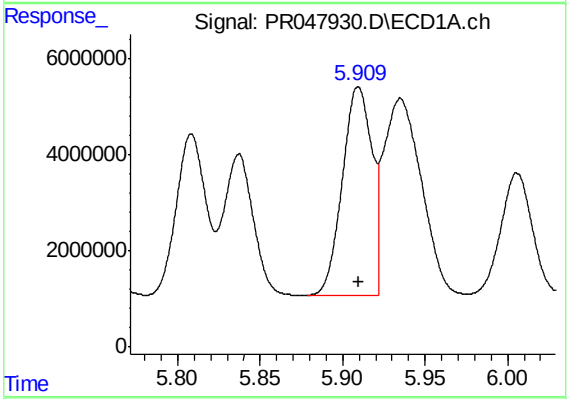
R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 88063676
Conc: 4662.17 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



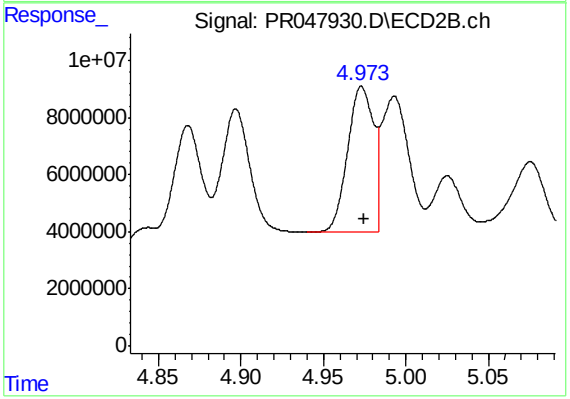

#15 AR-1232-5

R.T.: 5.428 min
Delta R.T.: -0.001 min
Response: 78355573
Conc: 2448.42 ng/ml



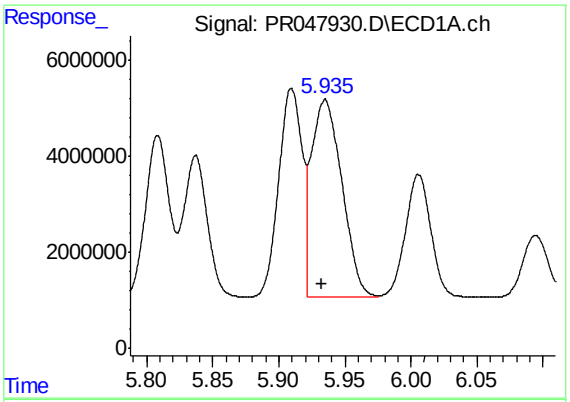

#16 AR-1242-1

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 53680840
Conc: 844.29 ng/ml




#16 AR-1242-1

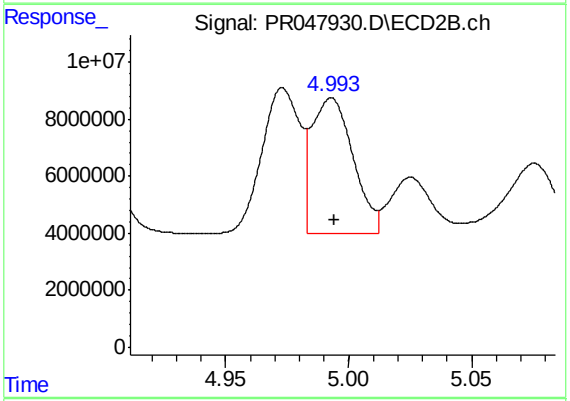
R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 55259568
Conc: 899.56 ng/ml




#17 AR-1242-2

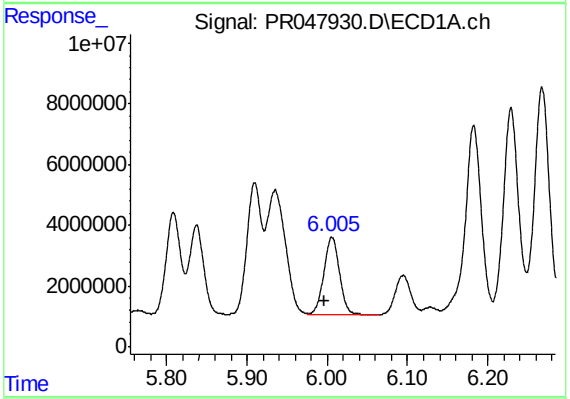
R.T.: 5.935 min
Delta R.T.: 0.002 min
Response: 65511304
Conc: 735.73 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



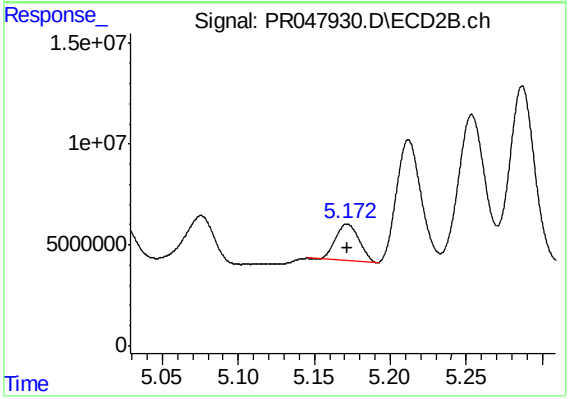

#17 AR-1242-2

R.T.: 4.993 min
Delta R.T.: -0.001 min
Response: 54908256
Conc: 461.77 ng/ml



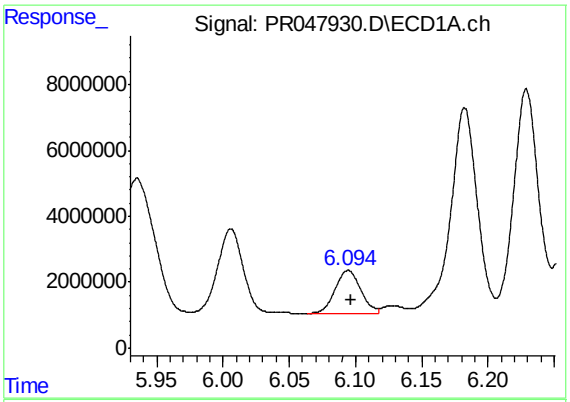

#18 AR-1242-3

R.T.: 6.006 min
Delta R.T.: 0.010 min
Response: 34256053
Conc: 626.14 ng/ml




#18 AR-1242-3

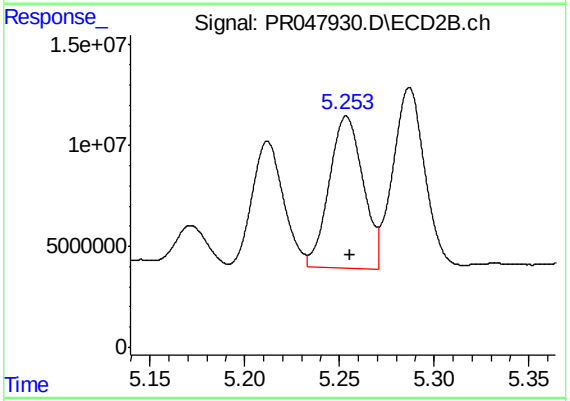
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 19502869
Conc: 284.98 ng/ml




#19 AR-1242-4

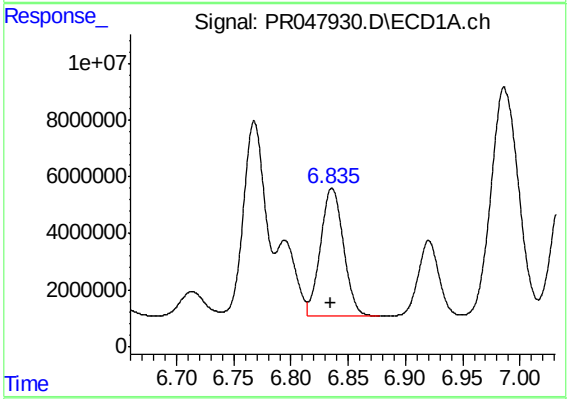
R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 17485999
Conc: 389.68 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



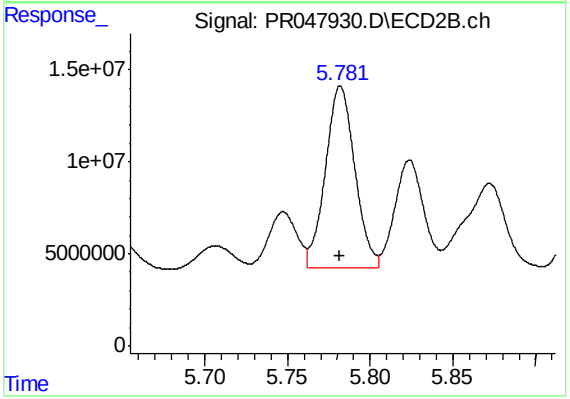

#19 AR-1242-4

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 93084989
Conc: 1874.69 ng/ml



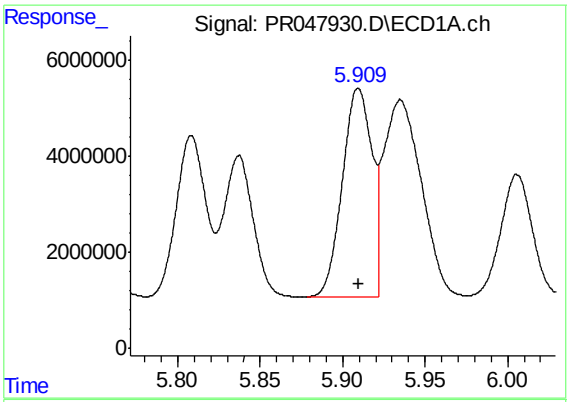

#20 AR-1242-5

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 62956655
Conc: 1181.59 ng/ml




#20 AR-1242-5

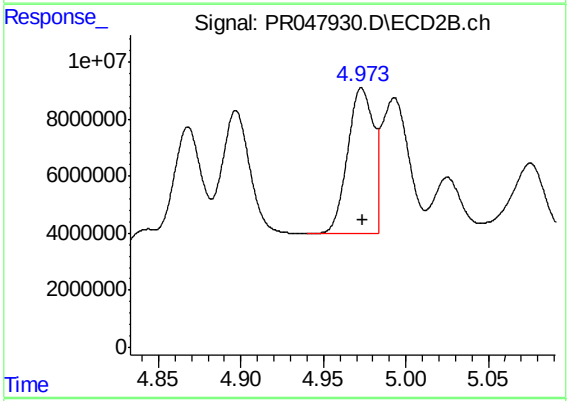
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 122665504
Conc: 1435.61 ng/ml




#21 AR-1248-1

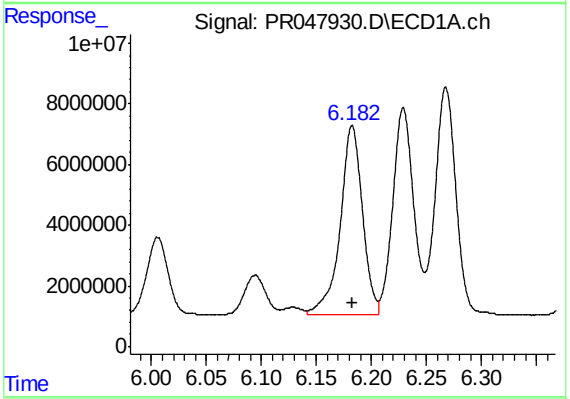
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 53680840
Conc: 1146.21 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



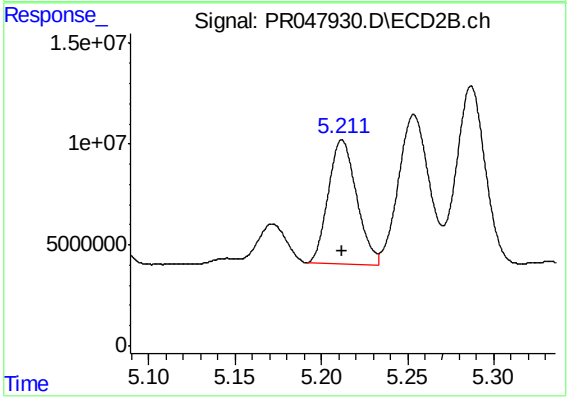

#21 AR-1248-1

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 55259568
Conc: 1210.81 ng/ml



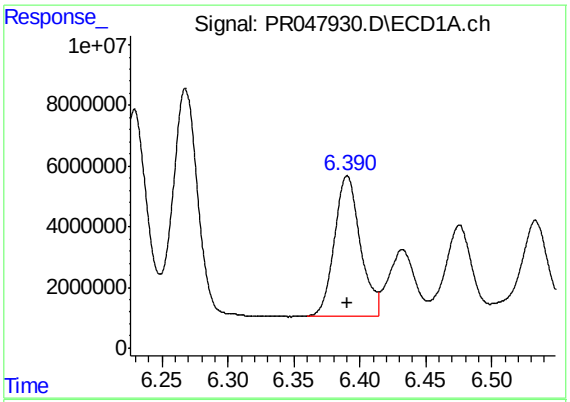

#22 AR-1248-2

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 88063676
Conc: 1315.04 ng/ml




#22 AR-1248-2

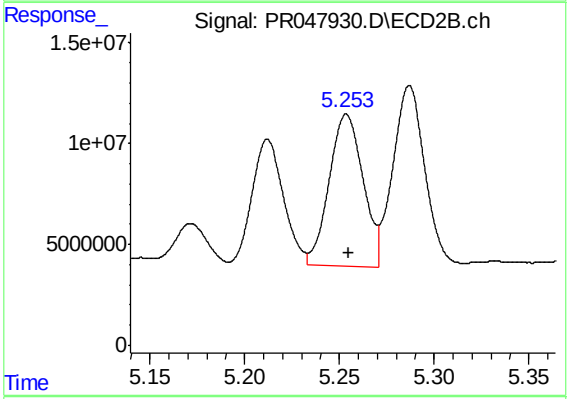
R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 70252706
Conc: 1218.85 ng/ml




#23 AR-1248-3

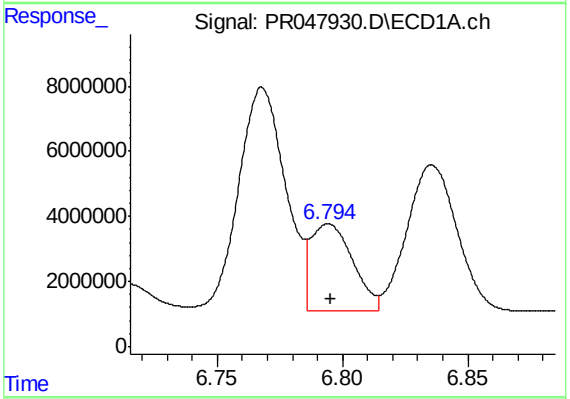
R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 62920144
Conc: 846.75 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



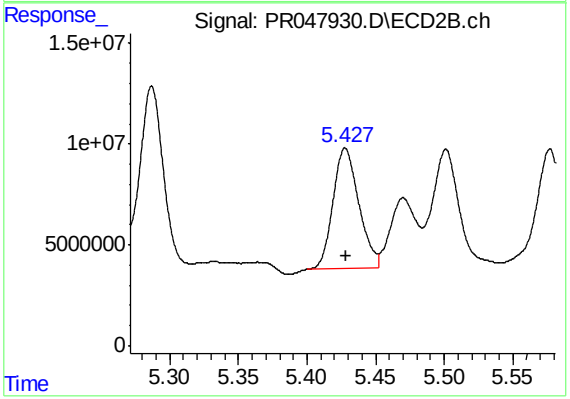

#23 AR-1248-3

R.T.: 5.254 min
Delta R.T.: -0.001 min
Response: 93084989
Conc: 1310.65 ng/ml



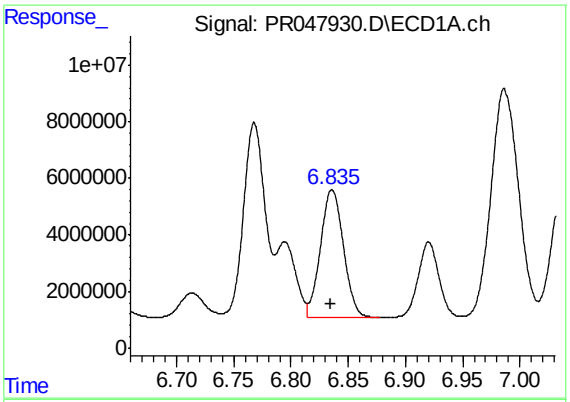

#24 AR-1248-4

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 31307615
Conc: 347.48 ng/ml




#24 AR-1248-4

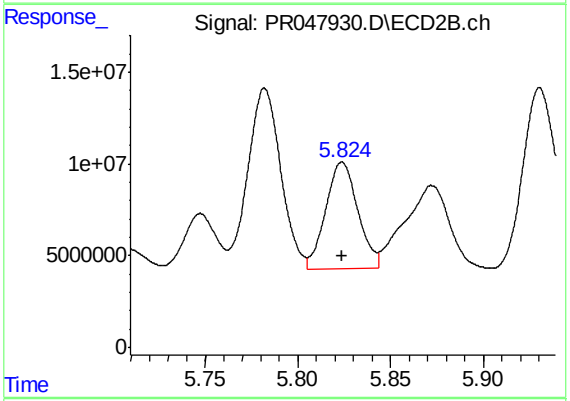
R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 78355573
Conc: 795.28 ng/ml




#25 AR-1248-5

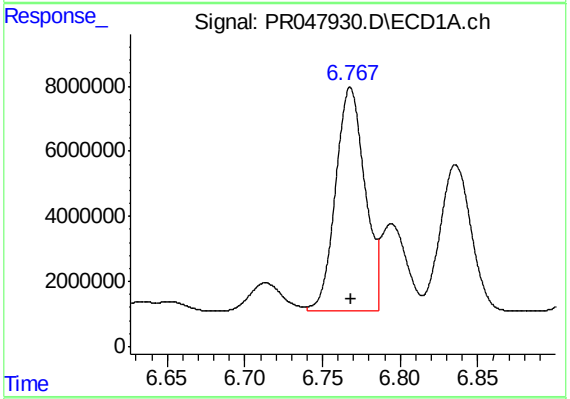
R.T.: 6.836 min
Delta R.T.: 0.001 min
Response: 62956655
Conc: 728.94 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



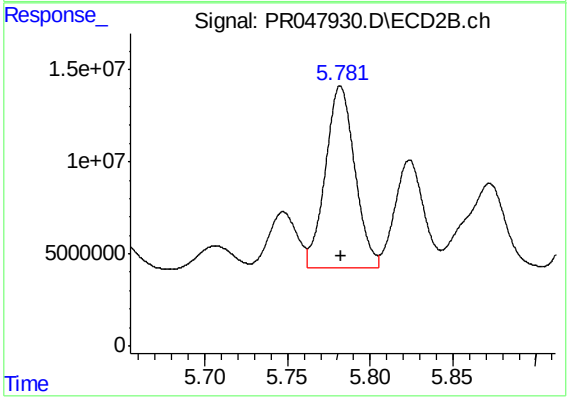

#25 AR-1248-5

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 70359837
Conc: 466.92 ng/ml



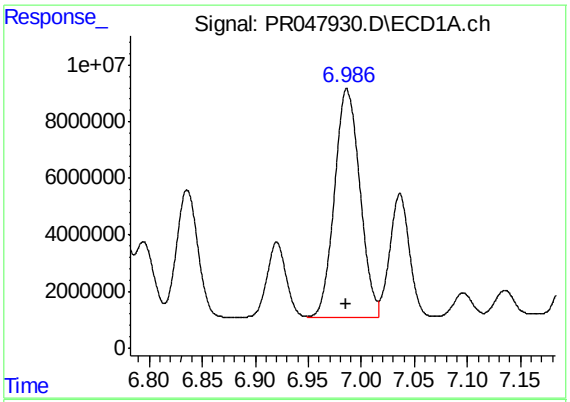

#26 AR-1254-1

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 90614050
Conc: 976.90 ng/ml




#26 AR-1254-1

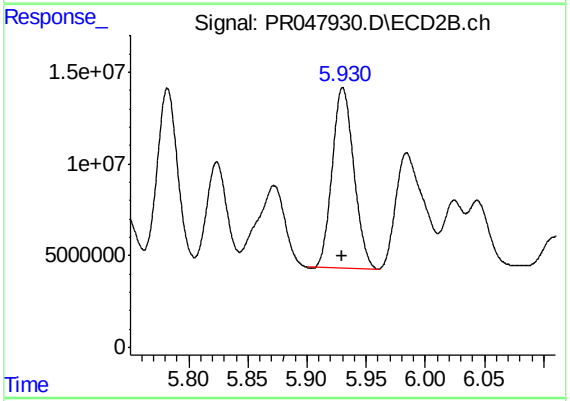
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 122665504
Conc: 764.60 ng/ml




#27 AR-1254-2

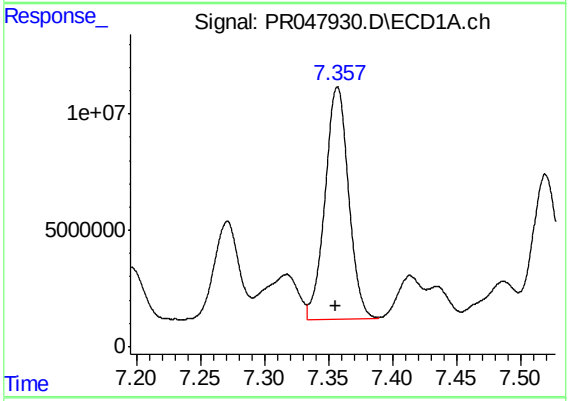
R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 133885902
Conc: 929.23 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



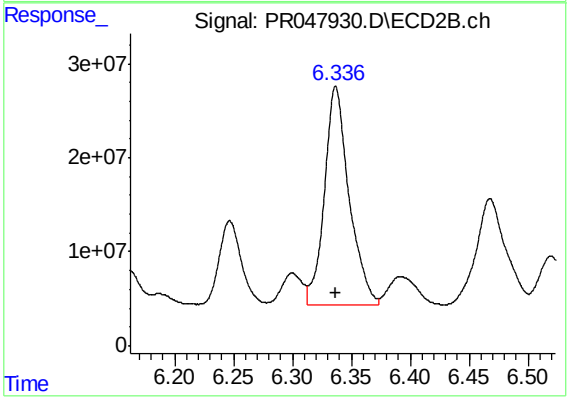

#27 AR-1254-2

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 125344043
Conc: 764.89 ng/ml



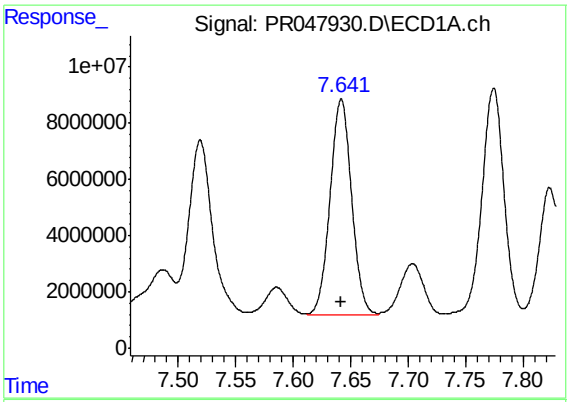

#28 AR-1254-3

R.T.: 7.357 min
Delta R.T.: 0.001 min
Response: 127743297
Conc: 833.11 ng/ml




#28 AR-1254-3

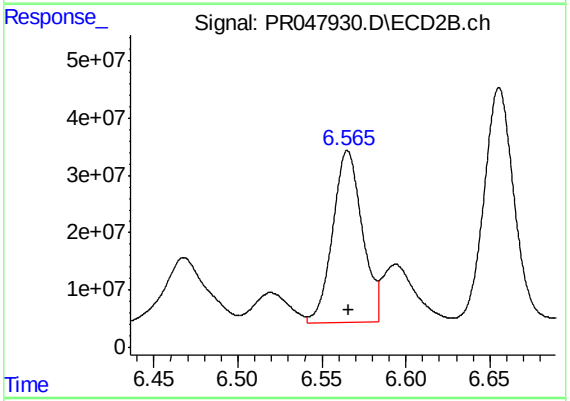
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 340439780
Conc: 947.51 ng/ml




#29 AR-1254-4

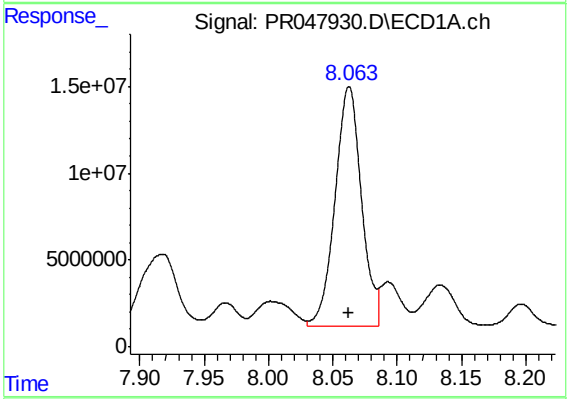
R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 99715665
Conc: 840.82 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



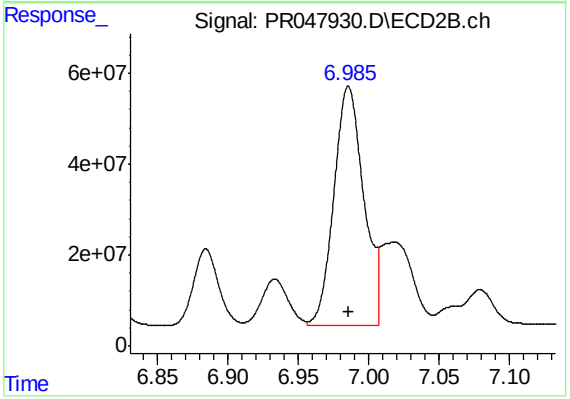

#29 AR-1254-4

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 366764394
Conc: 763.70 ng/ml



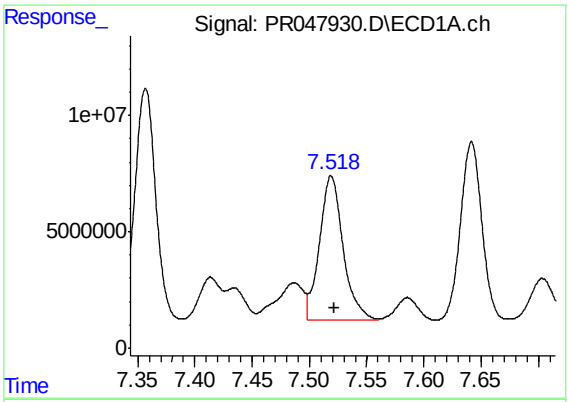

#30 AR-1254-5

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 197040963
Conc: 1547.39 ng/ml




#30 AR-1254-5

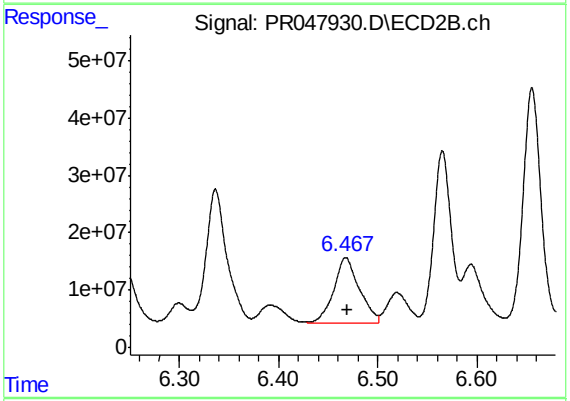
R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 773495638
Conc: 1243.30 ng/ml




#31 AR-1260-1

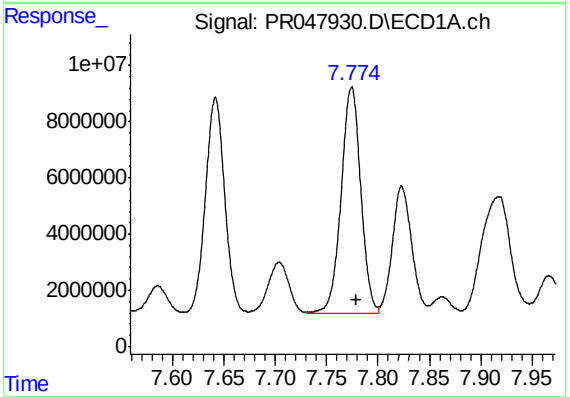
R.T.: 7.519 min
Delta R.T.: -0.003 min
Response: 89693473
Conc: 874.21 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



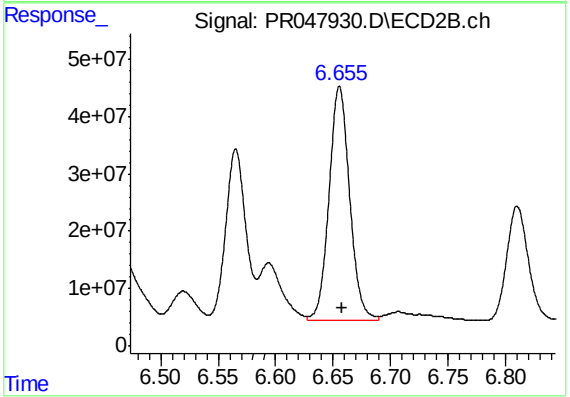

#31 AR-1260-1

R.T.: 6.468 min
Delta R.T.: -0.001 min
Response: 200102929
Conc: 1128.75 ng/ml



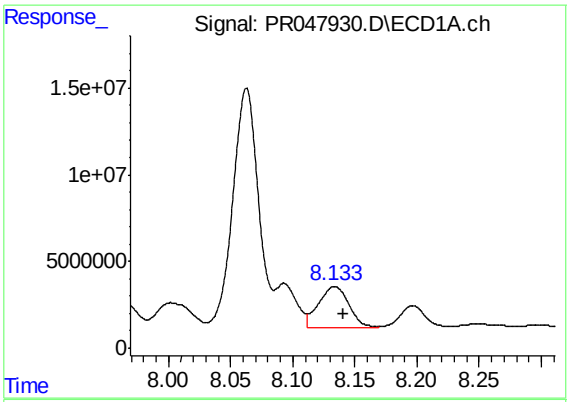

#32 AR-1260-2

R.T.: 7.774 min
Delta R.T.: -0.004 min
Response: 106725486
Conc: 841.16 ng/ml




#32 AR-1260-2

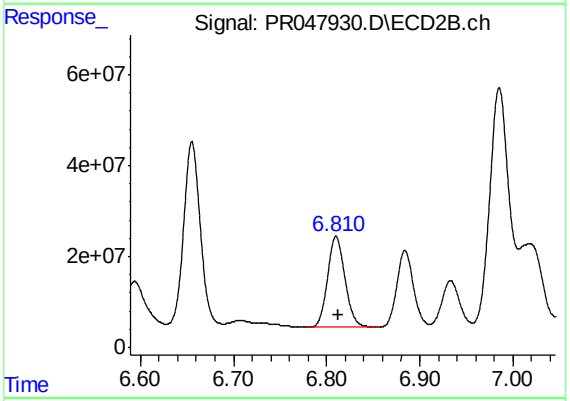
R.T.: 6.656 min
Delta R.T.: -0.002 min
Response: 512675569
Conc: 851.59 ng/ml




#33 AR-1260-3

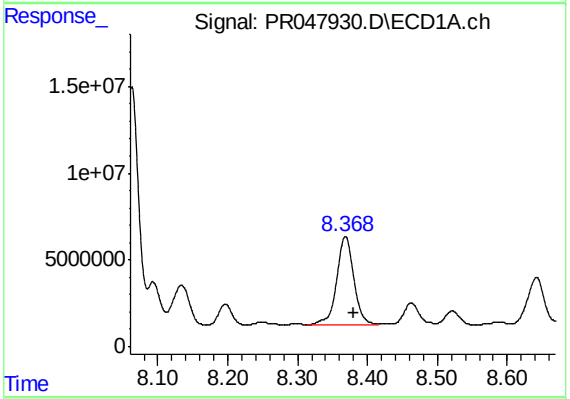
R.T.: 8.134 min
Delta R.T.: -0.007 min
Response: 39262409
Conc: 405.53 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



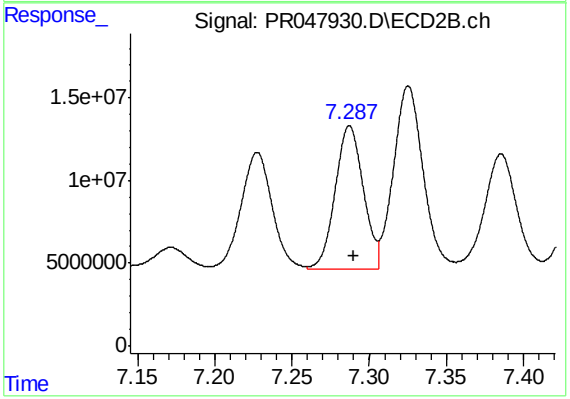

#33 AR-1260-3

R.T.: 6.810 min
Delta R.T.: -0.003 min
Response: 260546222
Conc: 704.36 ng/ml



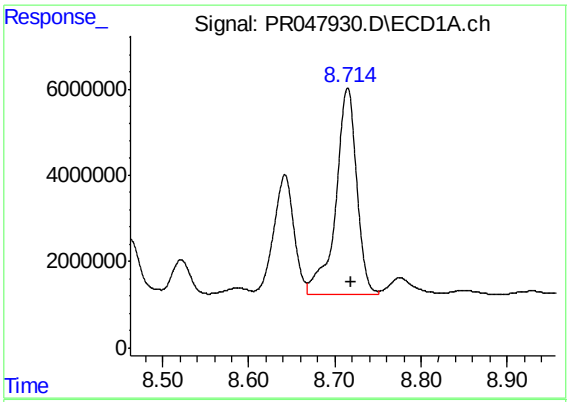

#34 AR-1260-4

R.T.: 8.368 min
Delta R.T.: -0.012 min
Response: 89266893
Conc: 815.82 ng/ml




#34 AR-1260-4

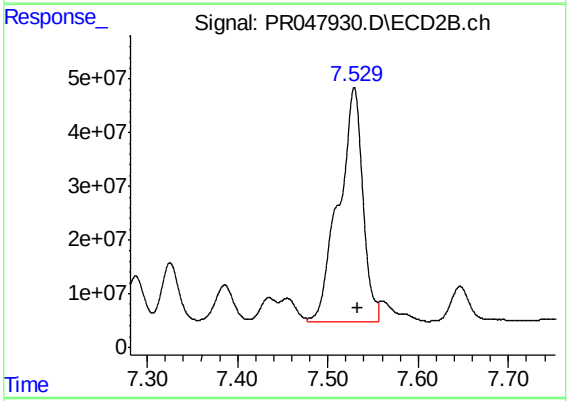
R.T.: 7.287 min
Delta R.T.: -0.003 min
Response: 109266876
Conc: 241.39 ng/ml




#35 AR-1260-5

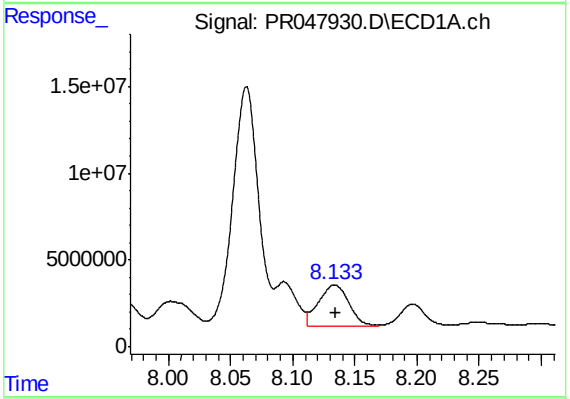
R.T.: 8.715 min
Delta R.T.: -0.004 min
Response: 81384434
Conc: 358.13 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



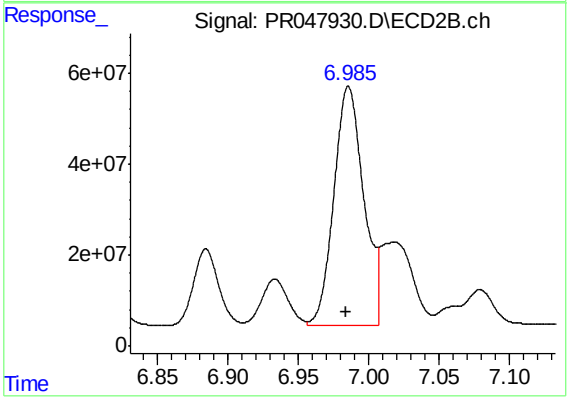

#35 AR-1260-5

R.T.: 7.529 min
Delta R.T.: -0.003 min
Response: 808767209
Conc: 429.29 ng/ml



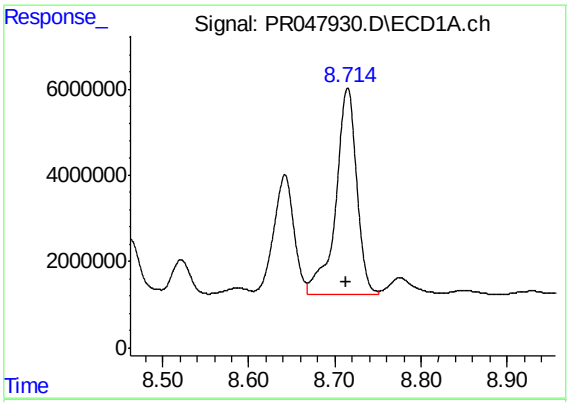

#36 AR-1262-1

R.T.: 8.134 min
Delta R.T.: -0.001 min
Response: 39262409
Conc: 279.25 ng/ml




#36 AR-1262-1

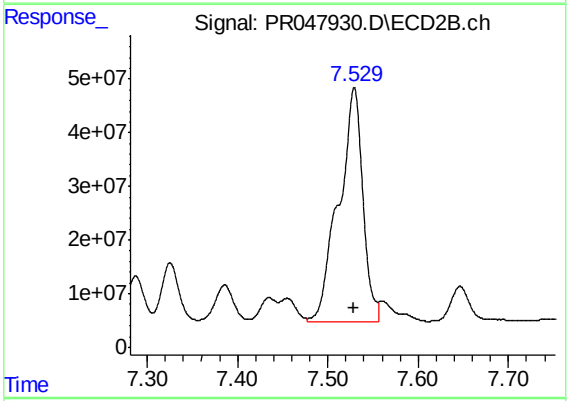
R.T.: 6.985 min
Delta R.T.: 0.001 min
Response: 773495638
Conc: 2407.04 ng/ml




#37 AR-1262-2

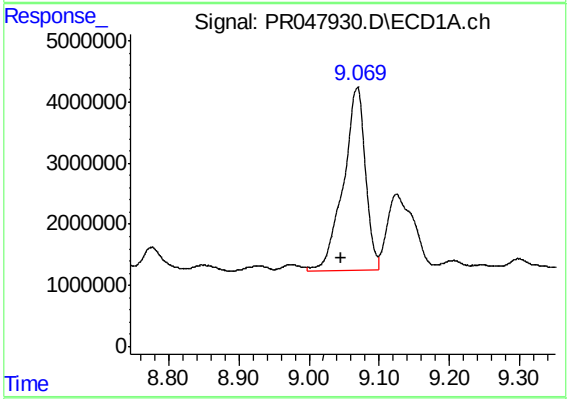
R.T.: 8.715 min
Delta R.T.: 0.002 min
Response: 81384434
Conc: 322.70 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



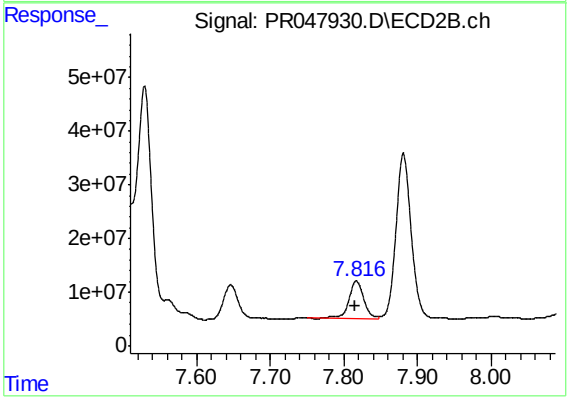

#37 AR-1262-2

R.T.: 7.529 min
Delta R.T.: 0.001 min
Response: 808767209
Conc: 389.02 ng/ml



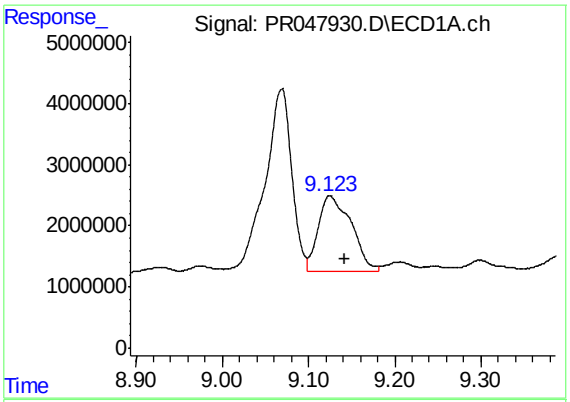

#38 AR-1262-3

R.T.: 9.069 min
Delta R.T.: 0.024 min
Response: 65184942
Conc: 374.35 ng/ml




#38 AR-1262-3

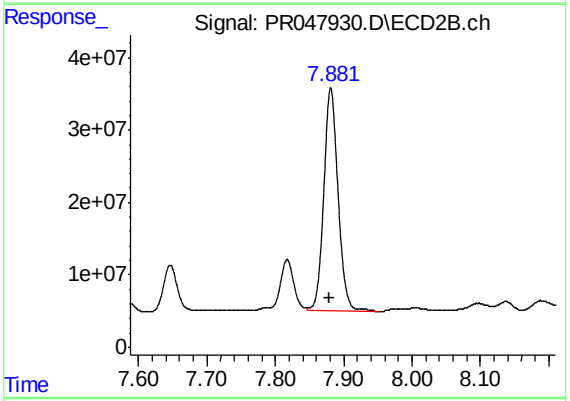
R.T.: 7.817 min
Delta R.T.: 0.002 min
Response: 98222247
Conc: 118.98 ng/ml




#39 AR-1262-4

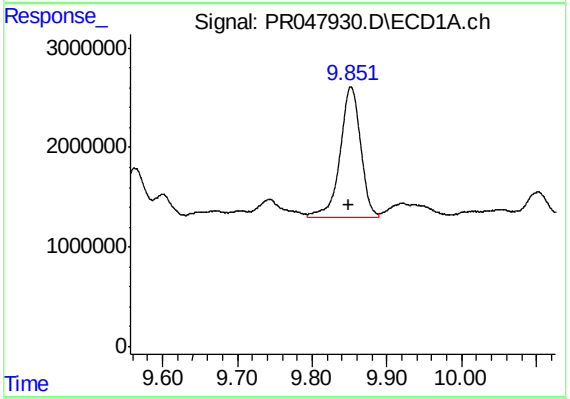
R.T.: 9.124 min
Delta R.T.: -0.018 min
Response: 33011424
Conc: 249.64 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



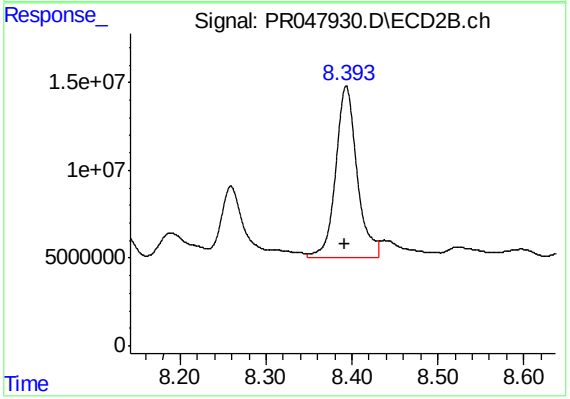

#39 AR-1262-4

R.T.: 7.881 min
Delta R.T.: 0.002 min
Response: 446888417
Conc: 333.81 ng/ml



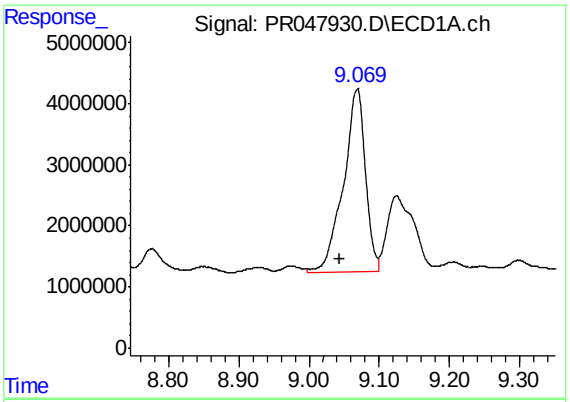

#40 AR-1262-5

R.T.: 9.852 min
Delta R.T.: 0.002 min
Response: 25267238
Conc: 263.56 ng/ml




#40 AR-1262-5

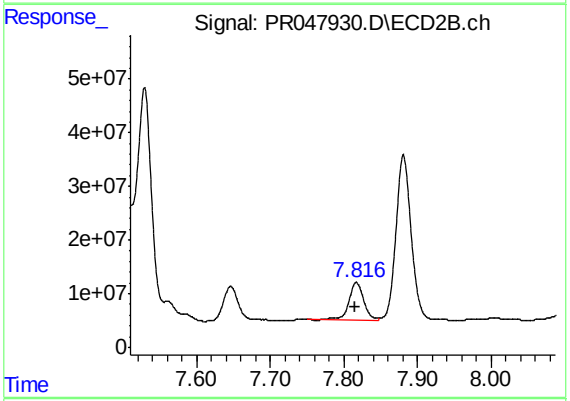
R.T.: 8.393 min
Delta R.T.: 0.002 min
Response: 168532866
Conc: 265.35 ng/ml




#41 AR-1268-1

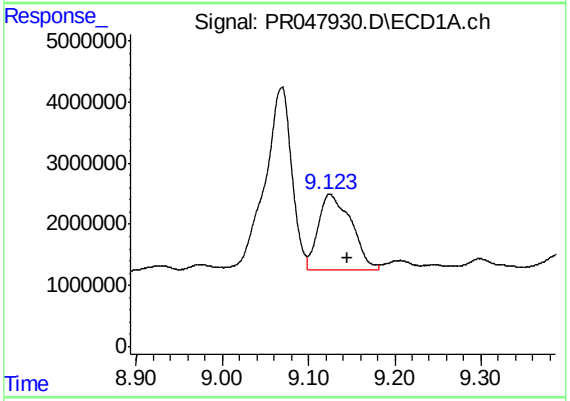
R.T.: 9.069 min
Delta R.T.: 0.026 min
Response: 65184942
Conc: 214.32 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



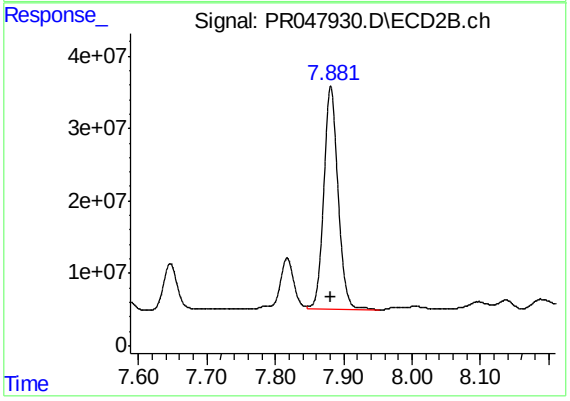

#41 AR-1268-1

R.T.: 7.817 min
Delta R.T.: 0.002 min
Response: 98222247
Conc: 39.55 ng/ml



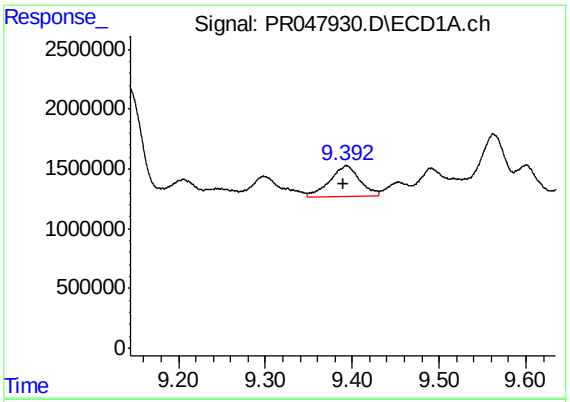

#42 AR-1268-2

R.T.: 9.124 min
Delta R.T.: -0.020 min
Response: 33011424
Conc: 117.30 ng/ml




#42 AR-1268-2

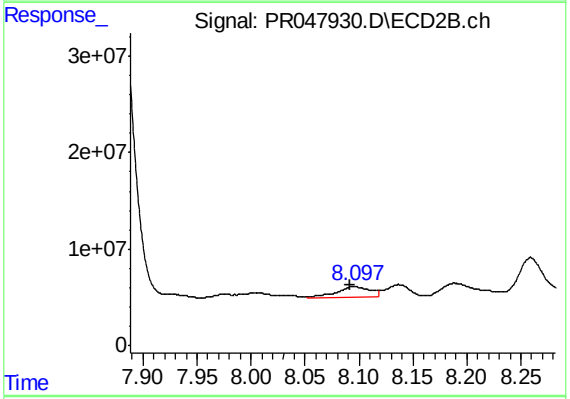
R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 446888417
Conc: 213.90 ng/ml




#43 AR-1268-3

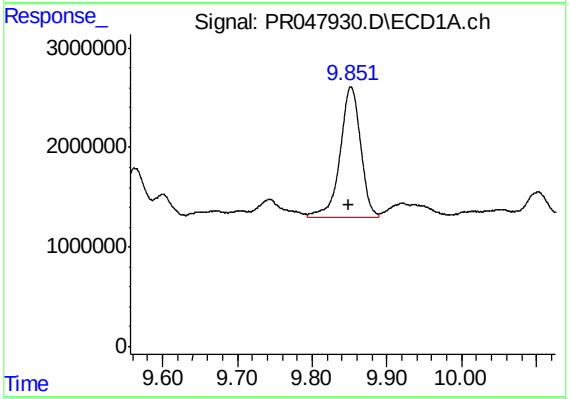
R.T.: 9.393 min
Delta R.T.: 0.004 min
Response: 6272781
Conc: 25.97 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4



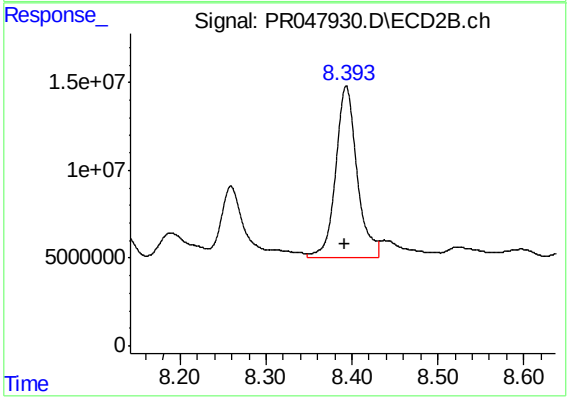

#43 AR-1268-3

R.T.: 8.096 min
Delta R.T.: 0.004 min
Response: 24175852
Conc: 12.95 ng/ml



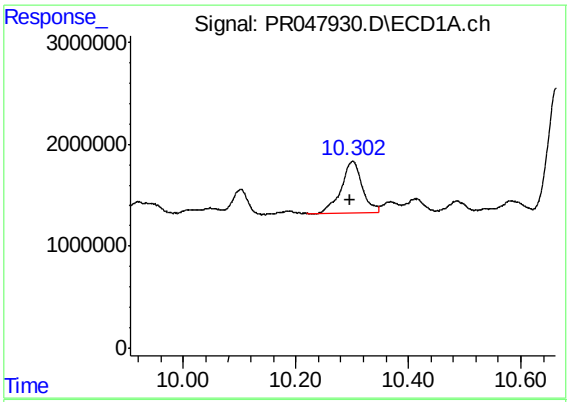

#44 AR-1268-4

R.T.: 9.852 min
Delta R.T.: 0.003 min
Response: 25267238
Conc: 232.35 ng/ml




#44 AR-1268-4

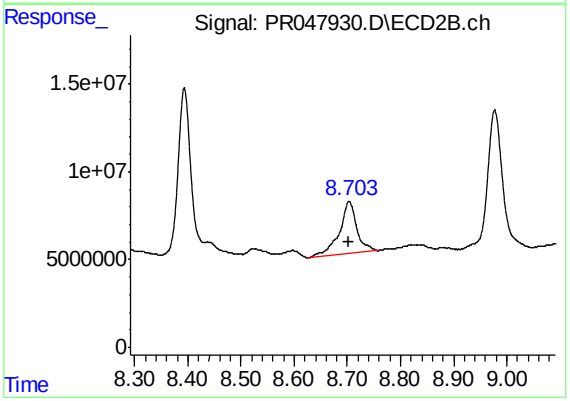
R.T.: 8.393 min
Delta R.T.: 0.002 min
Response: 168532866
Conc: 231.16 ng/ml




#45 AR-1268-5

R.T.: 10.301 min
Delta R.T.: 0.005 min
Response: 12923165
Conc: 16.49 ng/ml

**Instrument :**
ECD_R
**ClientSampleId :**
BEQD4




#45 AR-1268-5

R.T.: 8.703 min
Delta R.T.: 0.002 min
Response: 68773165
Conc: 12.74 ng/ml