Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101119\
Data File : PO061908.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Oct 2019 8:22
Operator : HP/AJ
Sample : K5266-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 00:45:22 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.328 | 3.483 | 1064505 | 759124 | 17.212 | 17.703 | |
| 2) | SA Decachlor... | 9.958 | 8.338 | 429298 | 224243 | 7.673 | 7.643 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.489 | 4.528 | 103096 | 68820 | 43.561 | 43.999 | |
| 4) | L1 AR-1016-2 | 5.511 | 4.546 | 173622 | 116448 | 50.972 | 50.066 | |
| 5) | L1 AR-1016-3 | 5.511 | 4.715 | 173622 | 32778 | 83.899 | 26.518 | # |
| 6) | L1 AR-1016-4 | 0.000 | 4.757 | 0 | 57617 | N.D. | 58.631 | # |
| 7) | L1 AR-1016-5 | 5.963 | 4.963 | 51137 | 49159 | 28.756 | 38.121 | # |
| 12) | L3 AR-1232-2 | 0.000 | 4.546 | 0 | 116448 | N.D. | 67.449 | # |
| 13) | L3 AR-1232-3 | 5.511 | 4.715 | 173622 | 32778 | 67.868 | 35.861 | # |
| 14) | L3 AR-1232-4 | 0.000 | 4.796 | 0 | 61151 | N.D. | 75.168 | # |
| 15) | L3 AR-1232-5 | 5.760 | 4.963 | 56981 | 49159 | 57.572 | 55.663 | |
| 16) | L4 AR-1242-1 | 5.489 | 4.528 | 103096 | 68820 | 55.637 | 57.224 | |
| 17) | L4 AR-1242-2 | 5.511 | 4.546 | 173622 | 116448 | 65.451 | 65.375 | |
| 18) | L4 AR-1242-3 | 5.511 | 4.715 | 173622 | 32778 | 106.313 | 34.429 | # |
| 19) | L4 AR-1242-4 | 0.000 | 4.796 | 0 | 61151 | N.D. | 64.776 | # |
| 20) | L4 AR-1242-5 | 6.403 | 5.305 | 100755 | 87021 | 65.921 | 72.926 | |
| 21) | L5 AR-1248-1 | 5.489 | 4.528 | 103096 | 68820 | 71.932 | 70.099 | |
| 22) | L5 AR-1248-2 | 5.760 | 4.757 | 56981 | 57617 | 28.460 | 45.479 | # |
| 23) | L5 AR-1248-3 | 5.963 | 4.796 | 51137 | 61151 | 23.154 | 46.066 | # |
| 24) | L5 AR-1248-4 | 6.364 | 4.963 | 81396 | 49159 | 31.862 | 31.067 | |
| 25) | L5 AR-1248-5 | 6.403 | 5.344 | 100755 | 60497 | 41.206 | 39.309 | |
| 26) | L6 AR-1254-1 | 6.337 | 5.305 | 93499 | 87021 | 35.076 | 35.580 | |
| 27) | L6 AR-1254-2 | 6.557 | 5.449 | 141754 | 48953 | 34.672 | 23.114 | # |
| 28) | L6 AR-1254-3 | 6.921 | 5.841 | 90945 | 93991 | 21.736 | 28.848 | # |
| 29) | L6 AR-1254-4 | 7.204 | 6.066 | 49628 | 44966 | 16.469 | 23.281 | # |
| 30) | L6 AR-1254-5 | 7.621 | 6.474 | 56827 | 43147 | 18.133 | 16.336 | |
| 31) | L7 AR-1260-1 | 0.000 | 5.969 | 0 | 59637 | N.D. | 28.068 | # |
| 32) | L7 AR-1260-2 | 7.335 | 6.154 | 78989 | 53128 | 23.025 | 20.936 | |
| 33) | L7 AR-1260-3 | 0.000 | 6.303 | 0 | 28262 | N.D. | 12.516 | # |

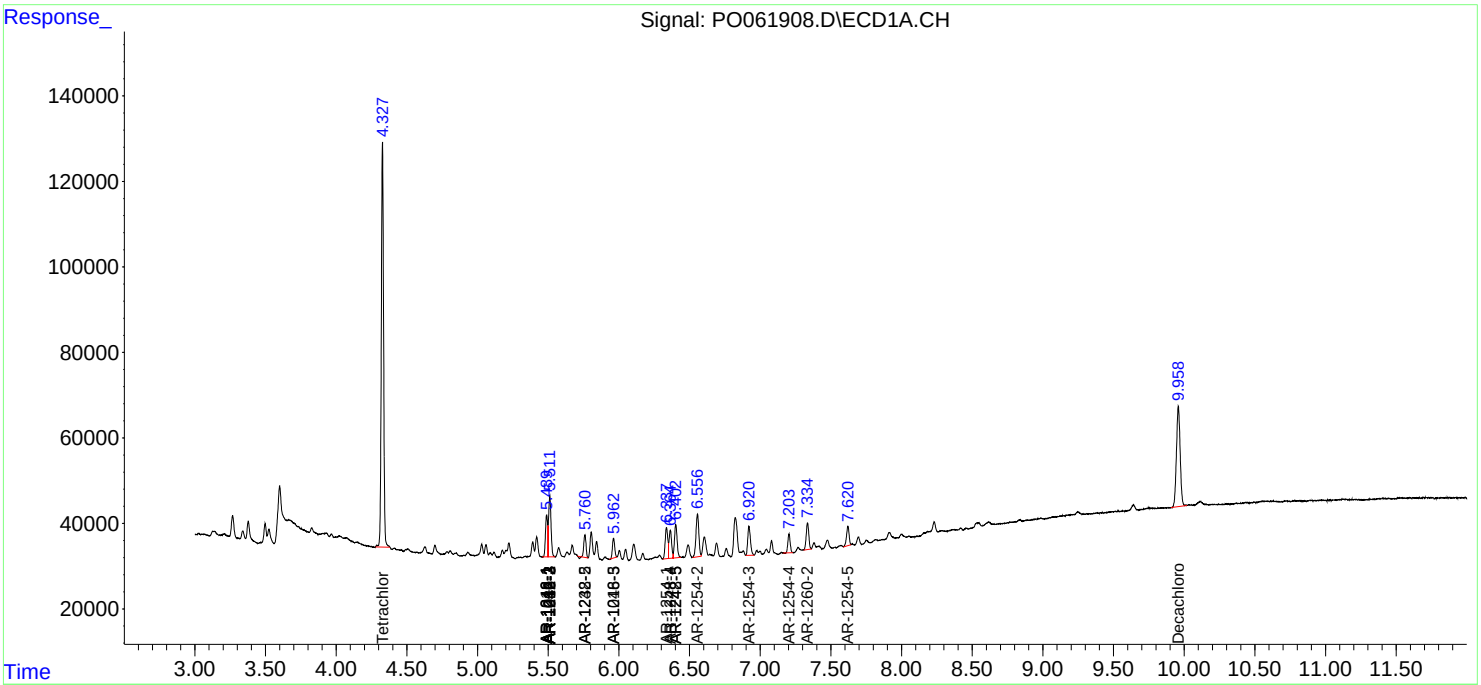
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

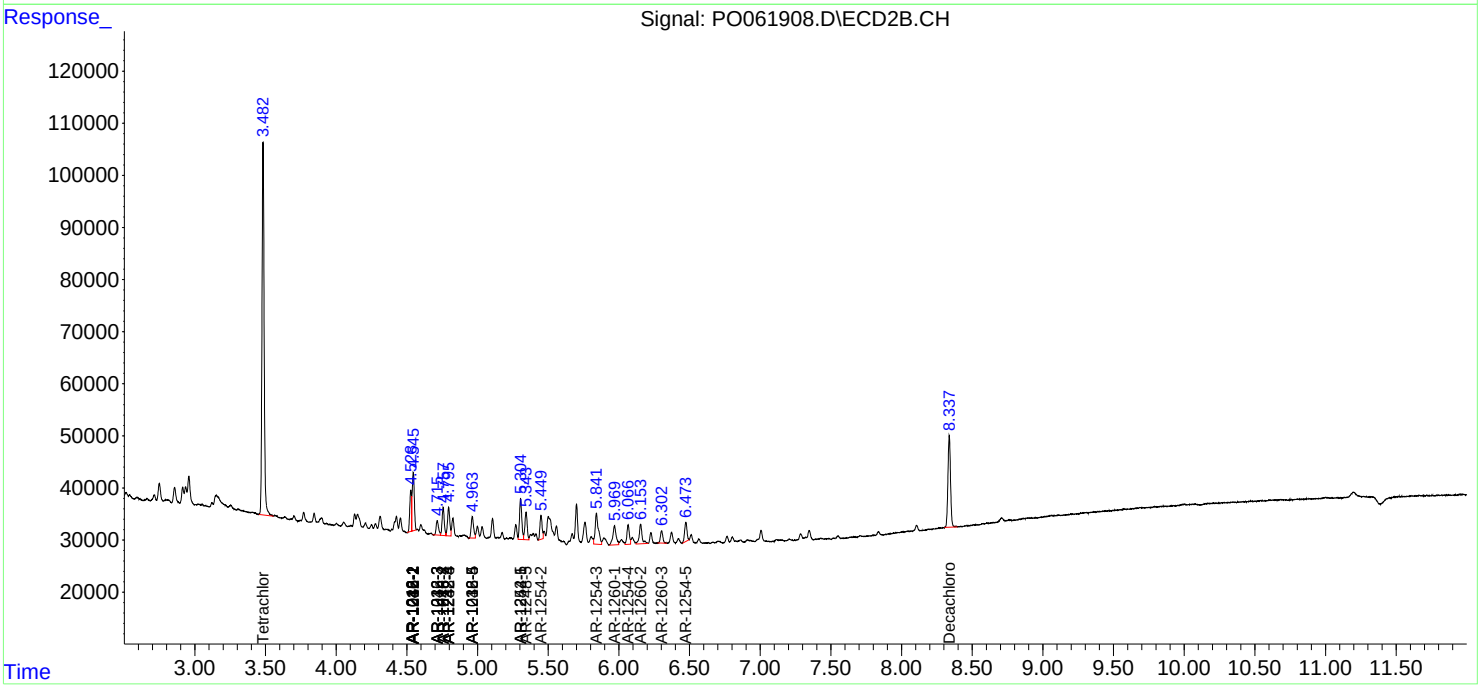
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101119\
Data File : PO061908.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 12 Oct 2019 8:22
Operator : HP/AJ
Sample : K5266-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

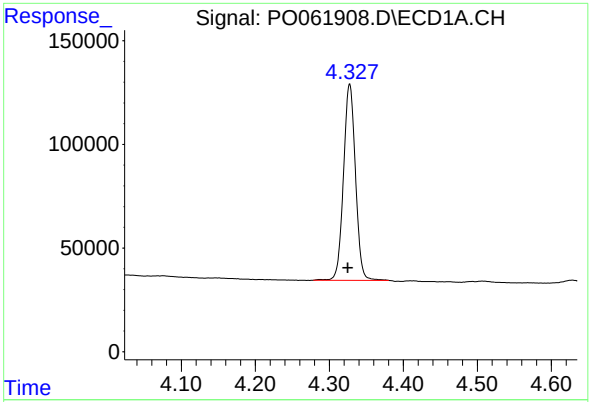
**Instrument :**
ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 00:45:22 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



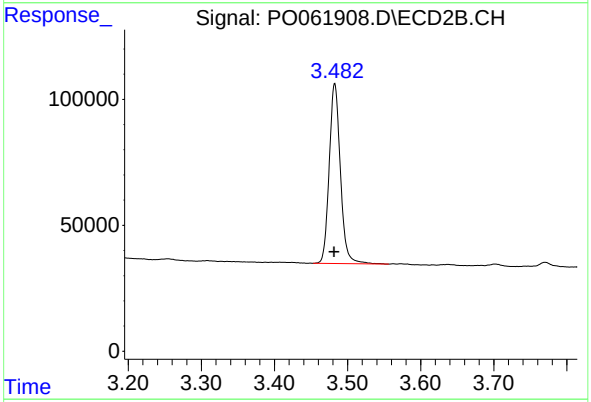






#1 Tetrachloro-m-xylene

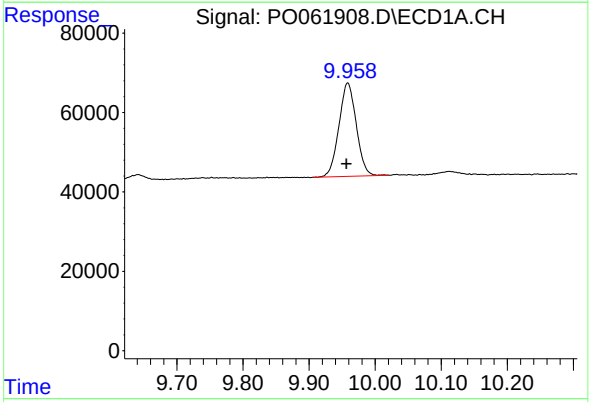
R.T.: 4.328 min
Delta R.T.: 0.003 min
Response: 1064505
Conc: 17.21 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



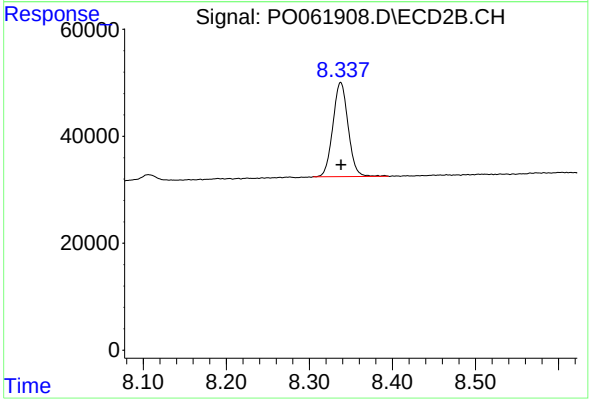

#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: 0.001 min
Response: 759124
Conc: 17.70 ng/ml



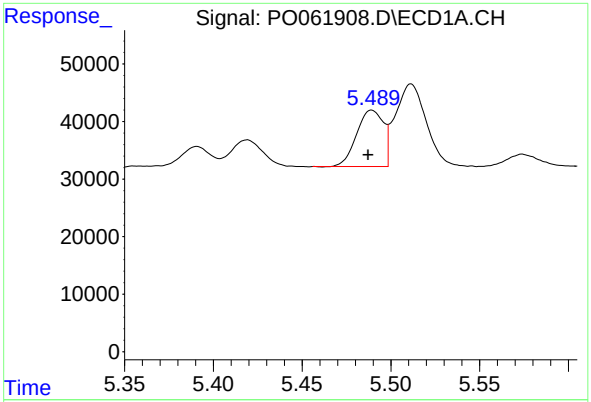

#2 Decachlorobiphenyl

R.T.: 9.958 min
Delta R.T.: 0.002 min
Response: 429298
Conc: 7.67 ng/ml




#2 Decachlorobiphenyl

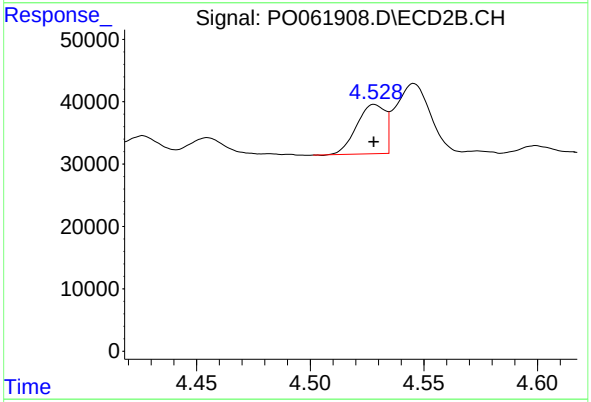
R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 224243
Conc: 7.64 ng/ml




#3 AR-1016-1

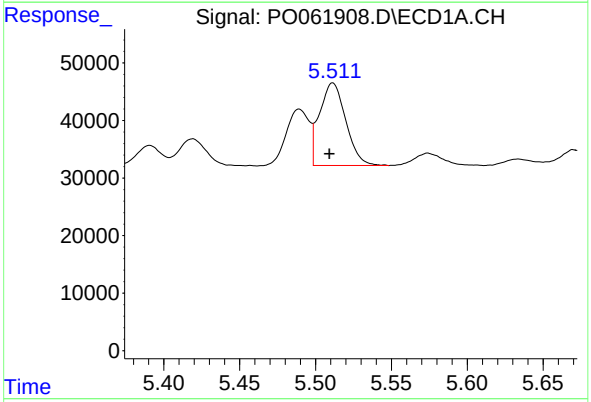
R.T.: 5.489 min
Delta R.T.: 0.002 min
Response: 103096
Conc: 43.56 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



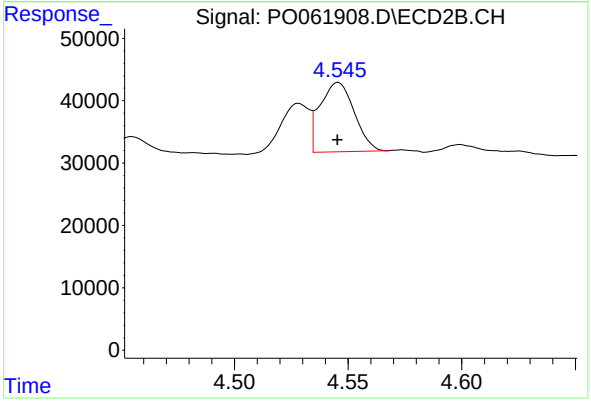

#3 AR-1016-1

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 68820
Conc: 44.00 ng/ml



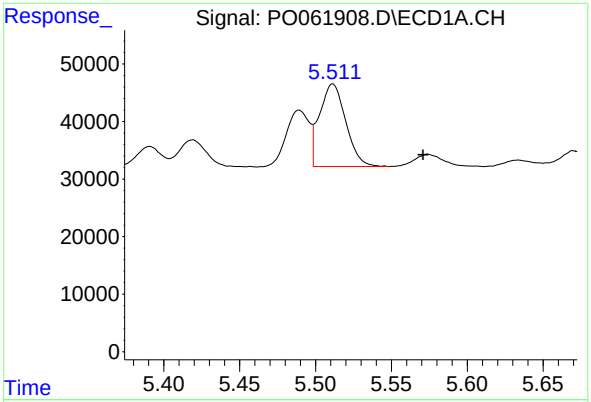

#4 AR-1016-2

R.T.: 5.511 min
Delta R.T.: 0.002 min
Response: 173622
Conc: 50.97 ng/ml




#4 AR-1016-2

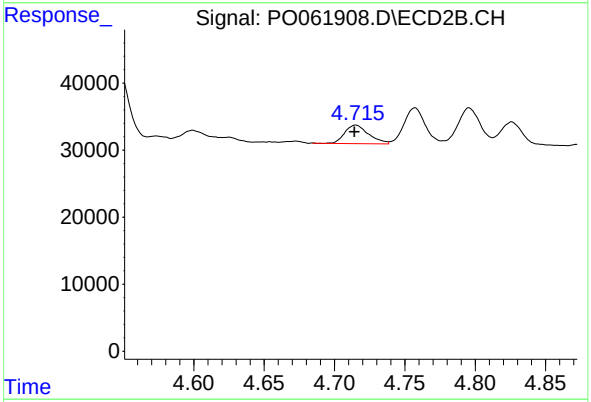
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 116448
Conc: 50.07 ng/ml




#5 AR-1016-3

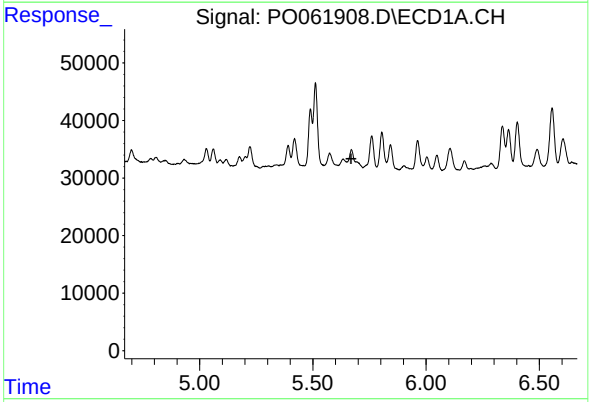
R.T.: 5.511 min
Delta R.T.: -0.060 min
Response: 173622
Conc: 83.90 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



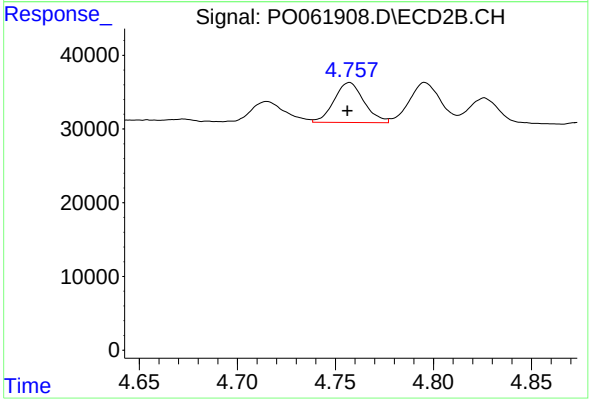

#5 AR-1016-3

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 32778
Conc: 26.52 ng/ml



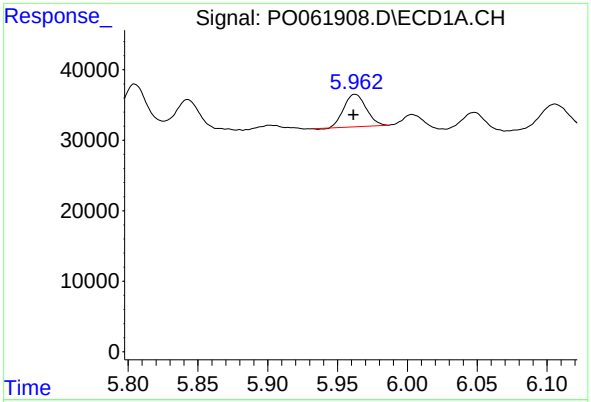

#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.668 min
Response: 0
Conc: N.D.




#6 AR-1016-4

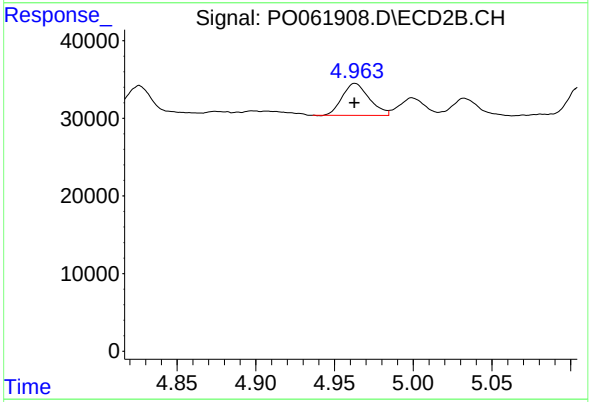
R.T.: 4.757 min
Delta R.T.: 0.001 min
Response: 57617
Conc: 58.63 ng/ml




#7 AR-1016-5

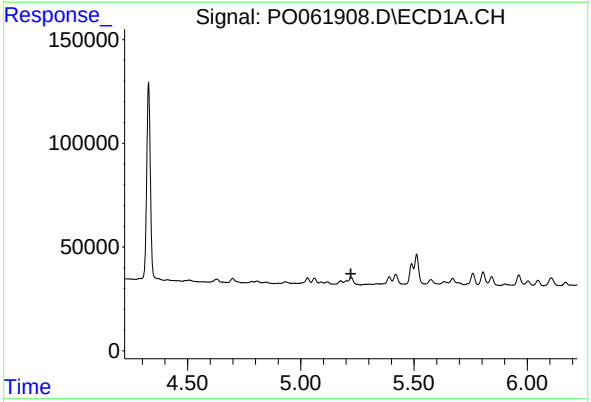
R.T.: 5.963 min
Delta R.T.: 0.001 min
Response: 51137
Conc: 28.76 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



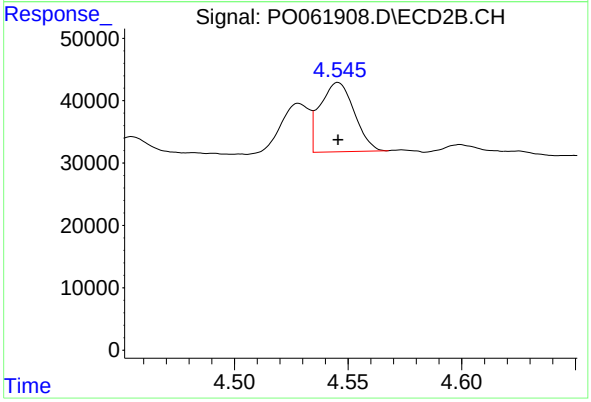

#7 AR-1016-5

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 49159
Conc: 38.12 ng/ml



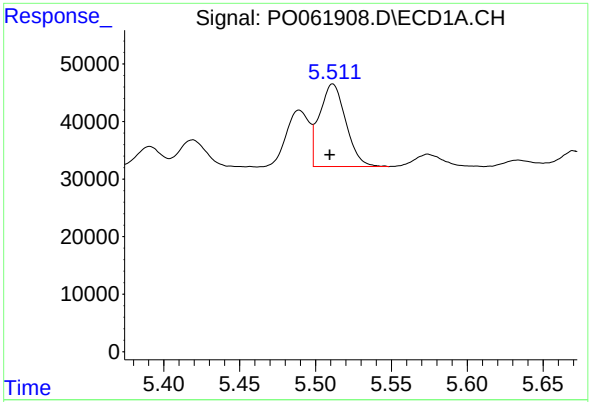

#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.221 min
Response: 0
Conc: N.D.




#12 AR-1232-2

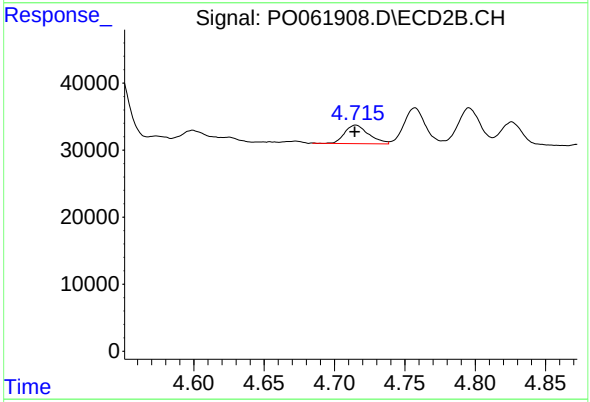
R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 116448
Conc: 67.45 ng/ml




#13 AR-1232-3

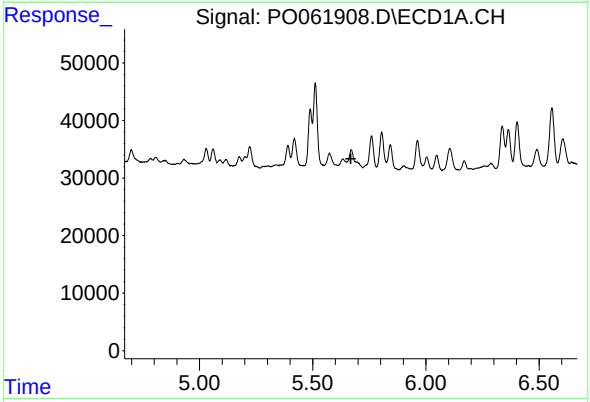
R.T.: 5.511 min
Delta R.T.: 0.002 min
Response: 173622
Conc: 67.87 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



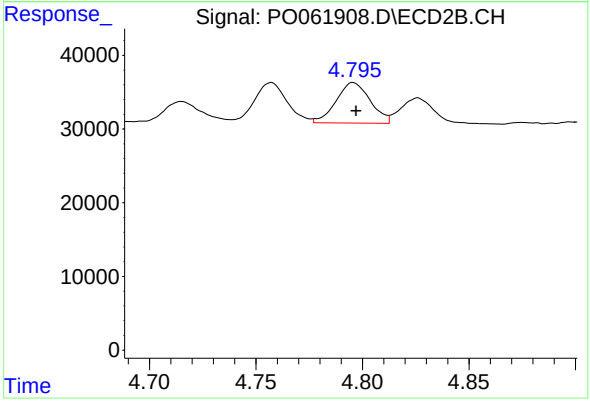

#13 AR-1232-3

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 32778
Conc: 35.86 ng/ml



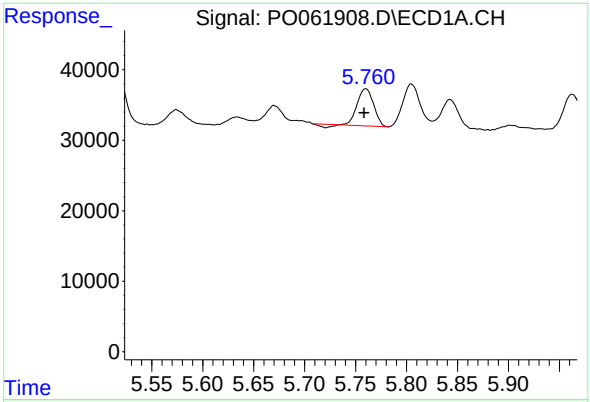

#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.669 min
Response: 0
Conc: N.D.




#14 AR-1232-4

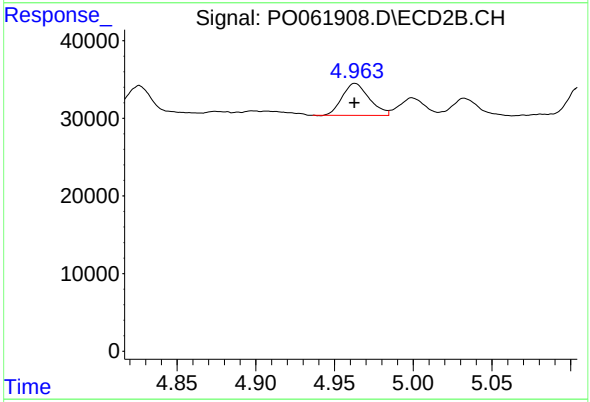
R.T.: 4.796 min
Delta R.T.: -0.001 min
Response: 61151
Conc: 75.17 ng/ml




#15 AR-1232-5

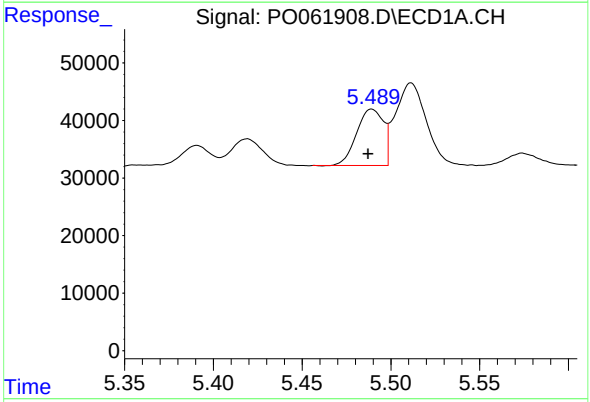
R.T.: 5.760 min
Delta R.T.: 0.002 min
Response: 56981
Conc: 57.57 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



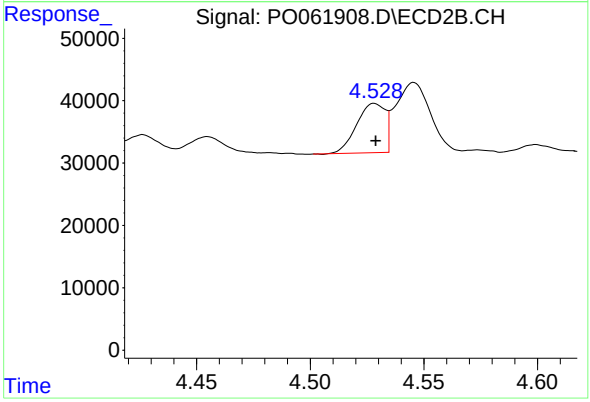

#15 AR-1232-5

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 49159
Conc: 55.66 ng/ml



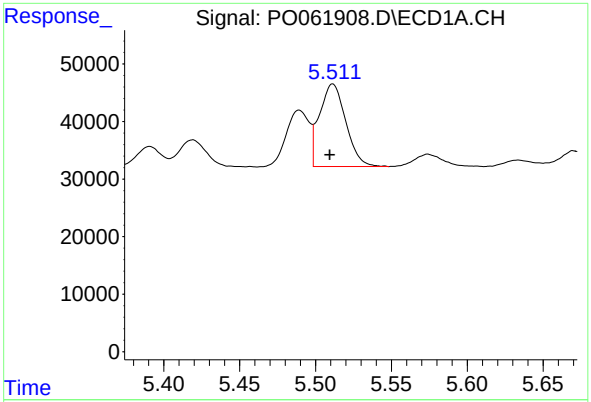

#16 AR-1242-1

R.T.: 5.489 min
Delta R.T.: 0.002 min
Response: 103096
Conc: 55.64 ng/ml




#16 AR-1242-1

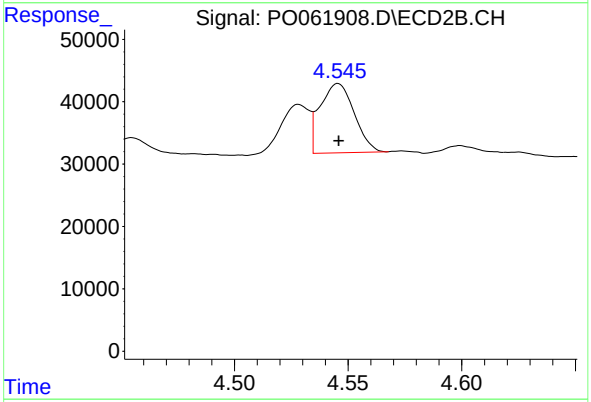
R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 68820
Conc: 57.22 ng/ml




#17 AR-1242-2

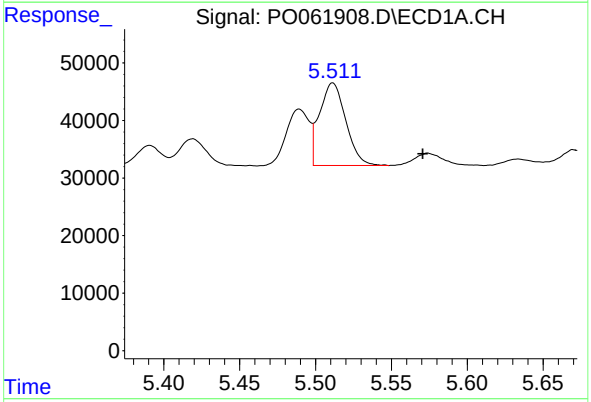
R.T.: 5.511 min
Delta R.T.: 0.002 min
Response: 173622
Conc: 65.45 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



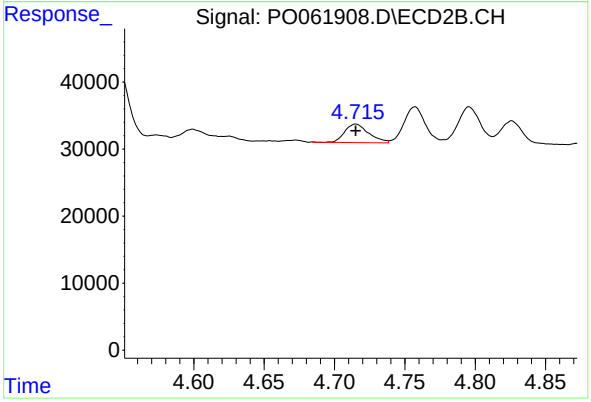

#17 AR-1242-2

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 116448
Conc: 65.37 ng/ml



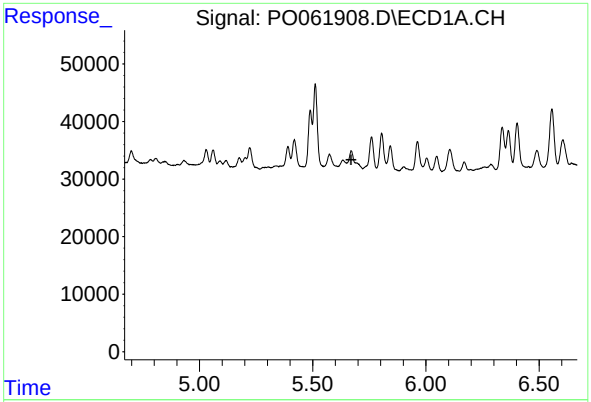

#18 AR-1242-3

R.T.: 5.511 min
Delta R.T.: -0.059 min
Response: 173622
Conc: 106.31 ng/ml




#18 AR-1242-3

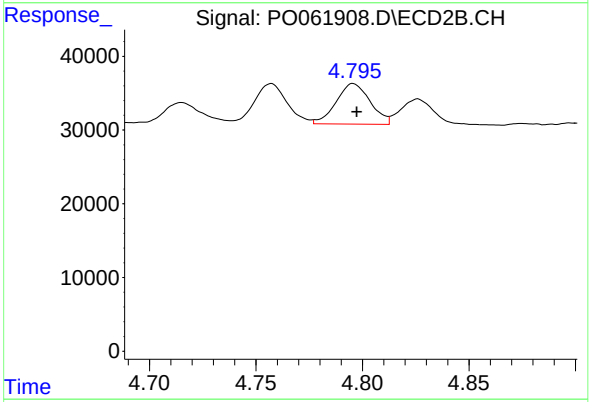
R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 32778
Conc: 34.43 ng/ml




#19 AR-1242-4

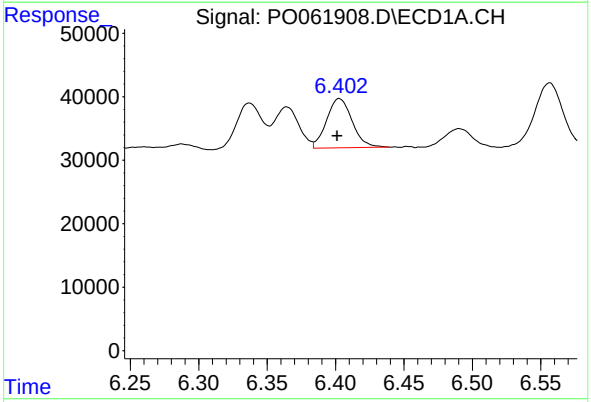
R.T.: 0.000 min
Exp R.T. : 5.669 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



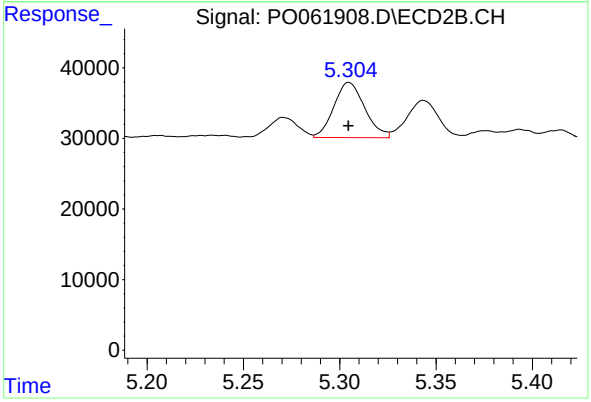

#19 AR-1242-4

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 61151
Conc: 64.78 ng/ml



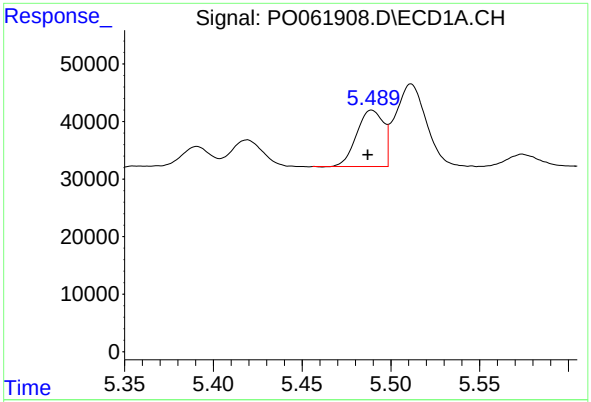

#20 AR-1242-5

R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 100755
Conc: 65.92 ng/ml




#20 AR-1242-5

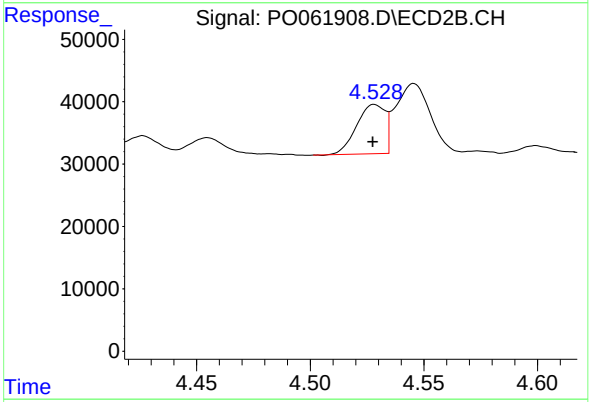
R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 87021
Conc: 72.93 ng/ml




#21 AR-1248-1

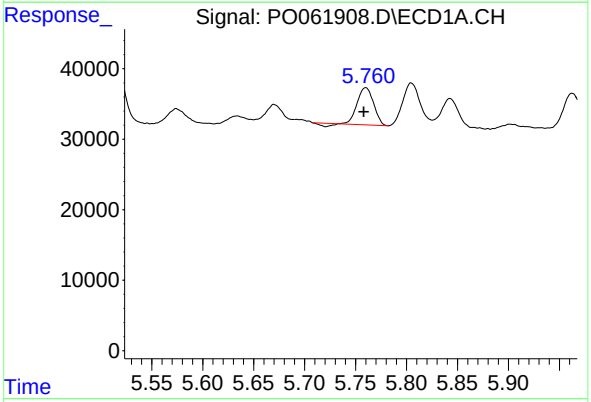
R.T.: 5.489 min
Delta R.T.: 0.002 min
Response: 103096
Conc: 71.93 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



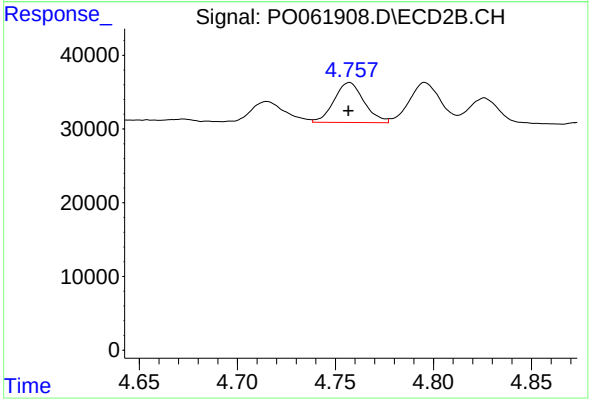

#21 AR-1248-1

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 68820
Conc: 70.10 ng/ml



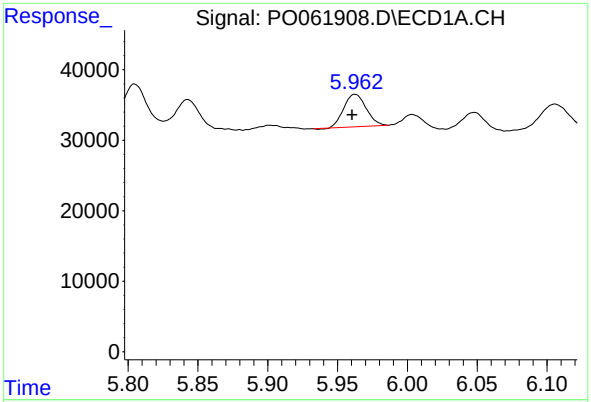

#22 AR-1248-2

R.T.: 5.760 min
Delta R.T.: 0.002 min
Response: 56981
Conc: 28.46 ng/ml




#22 AR-1248-2

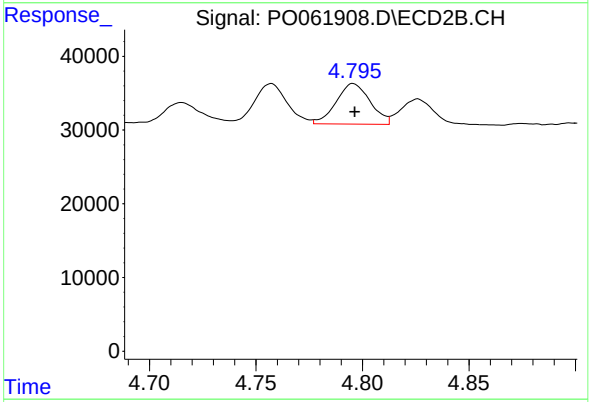
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 57617
Conc: 45.48 ng/ml




#23 AR-1248-3

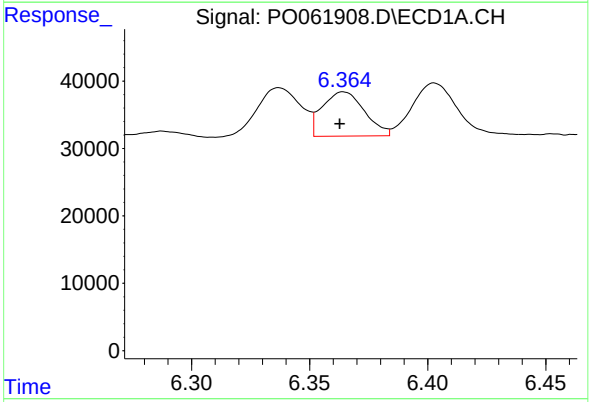
R.T.: 5.963 min
Delta R.T.: 0.002 min
Response: 51137
Conc: 23.15 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



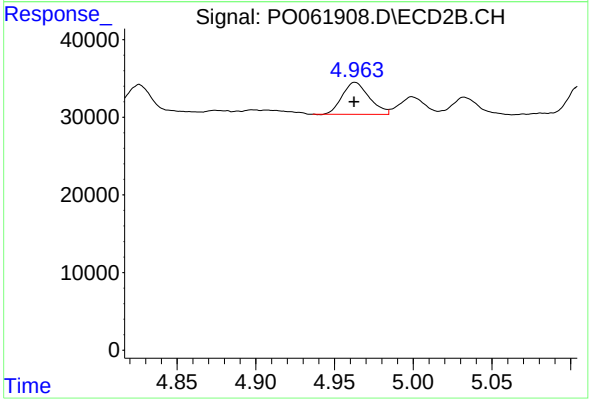

#23 AR-1248-3

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 61151
Conc: 46.07 ng/ml



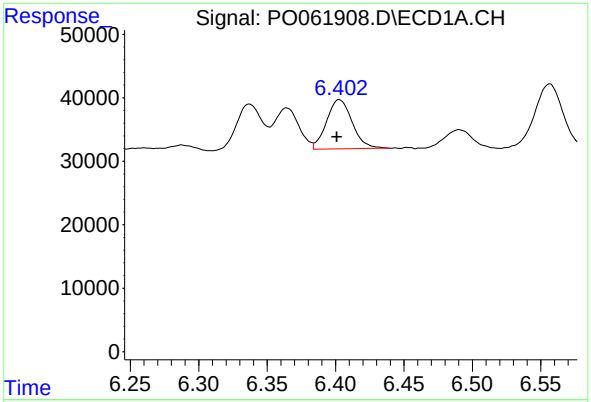

#24 AR-1248-4

R.T.: 6.364 min
Delta R.T.: 0.002 min
Response: 81396
Conc: 31.86 ng/ml




#24 AR-1248-4

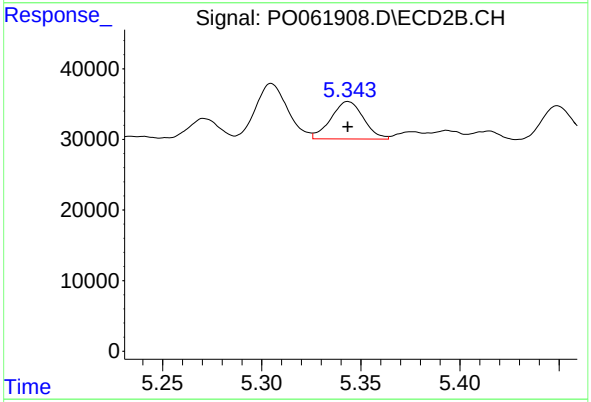
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 49159
Conc: 31.07 ng/ml




#25 AR-1248-5

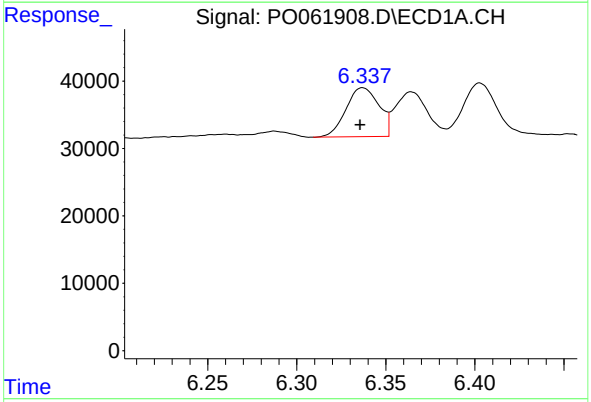
R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 100755
Conc: 41.21 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



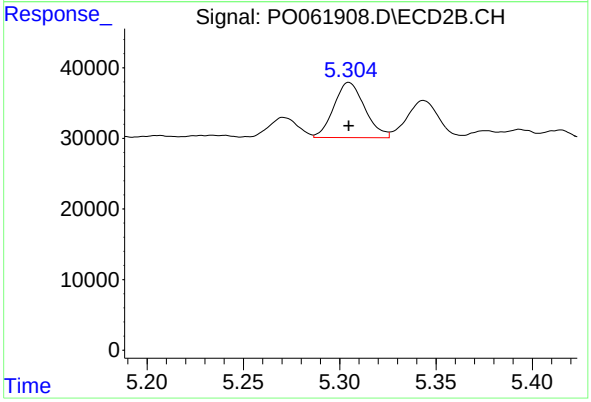

#25 AR-1248-5

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 60497
Conc: 39.31 ng/ml



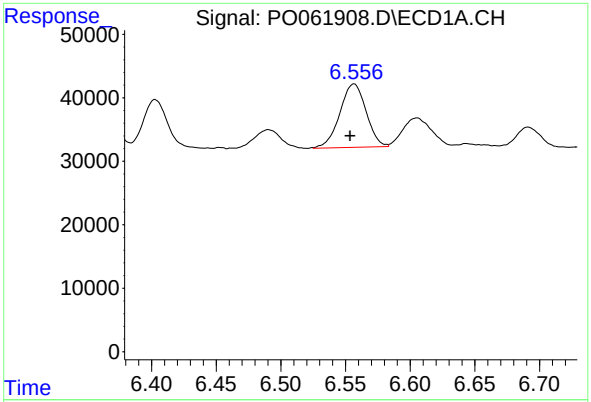

#26 AR-1254-1

R.T.: 6.337 min
Delta R.T.: 0.001 min
Response: 93499
Conc: 35.08 ng/ml




#26 AR-1254-1

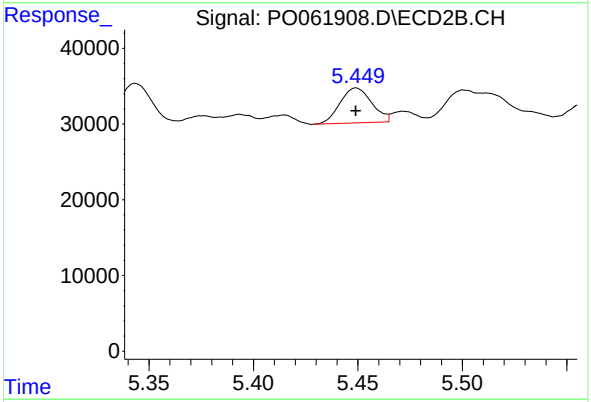
R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 87021
Conc: 35.58 ng/ml




#27 AR-1254-2

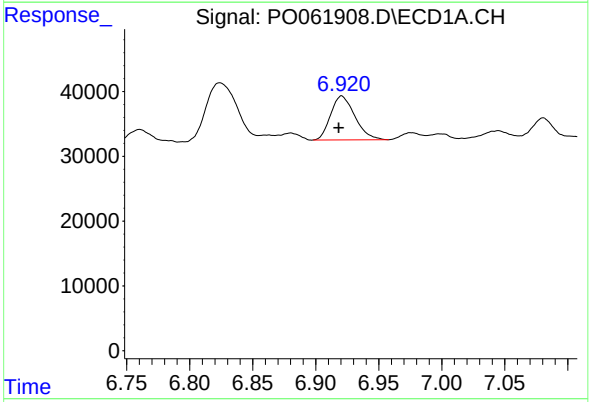
R.T.: 6.557 min
Delta R.T.: 0.003 min
Response: 141754
Conc: 34.67 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



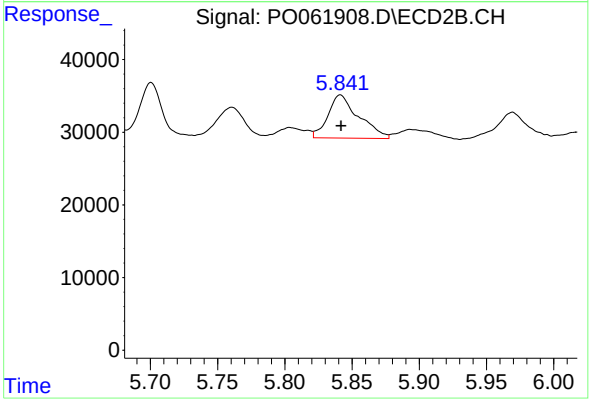

#27 AR-1254-2

R.T.: 5.449 min
Delta R.T.: 0.000 min
Response: 48953
Conc: 23.11 ng/ml



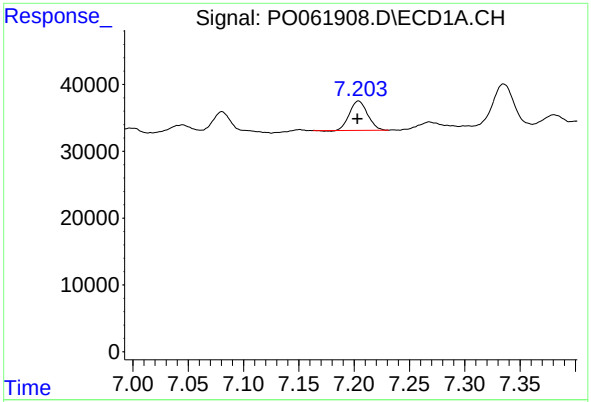

#28 AR-1254-3

R.T.: 6.921 min
Delta R.T.: 0.002 min
Response: 90945
Conc: 21.74 ng/ml




#28 AR-1254-3

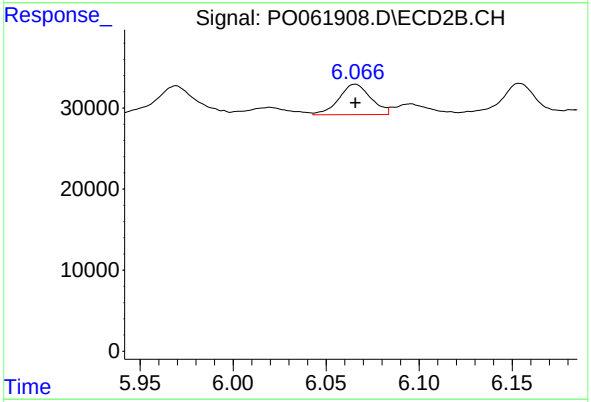
R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 93991
Conc: 28.85 ng/ml




#29 AR-1254-4

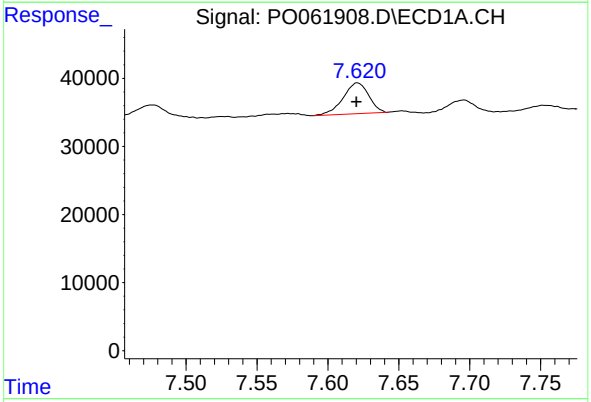
R.T.: 7.204 min
Delta R.T.: 0.001 min
Response: 49628
Conc: 16.47 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



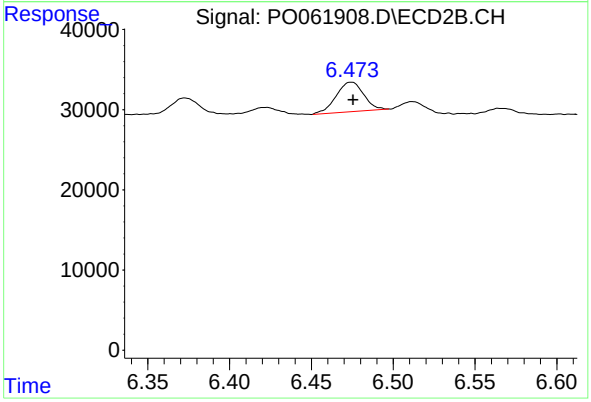

#29 AR-1254-4

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 44966
Conc: 23.28 ng/ml



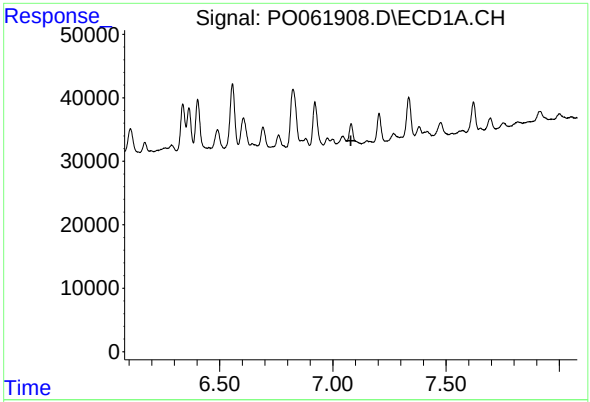

#30 AR-1254-5

R.T.: 7.621 min
Delta R.T.: 0.000 min
Response: 56827
Conc: 18.13 ng/ml




#30 AR-1254-5

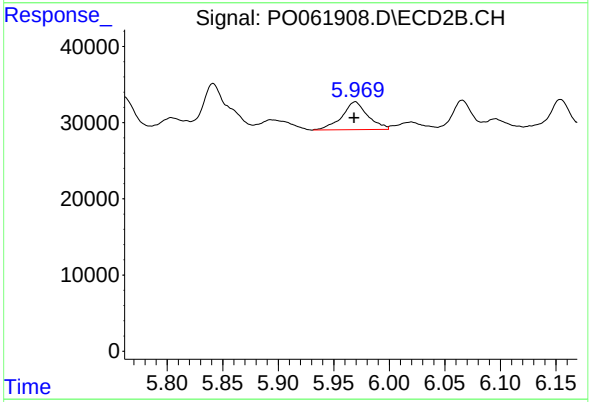
R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 43147
Conc: 16.34 ng/ml




#31 AR-1260-1

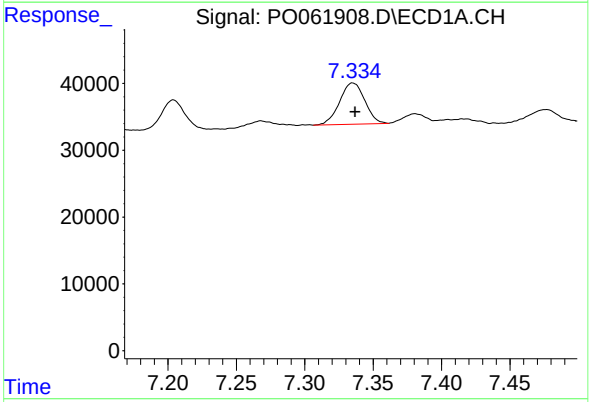
R.T.: 0.000 min
Exp R.T. : 7.080 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



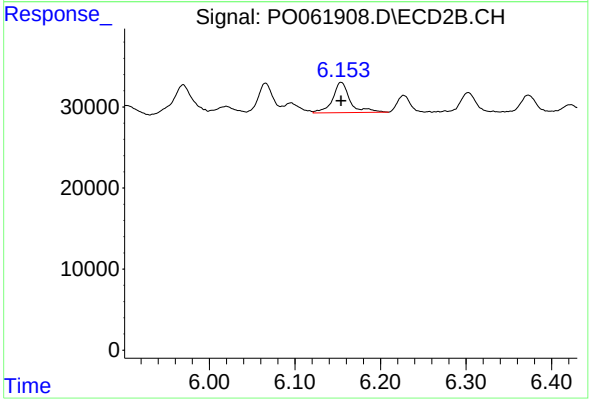

#31 AR-1260-1

R.T.: 5.969 min
Delta R.T.: 0.001 min
Response: 59637
Conc: 28.07 ng/ml



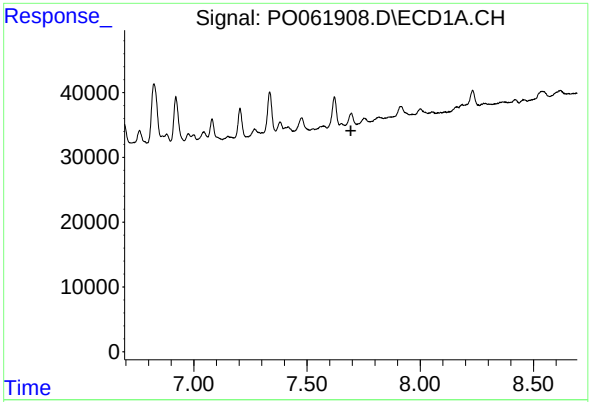

#32 AR-1260-2

R.T.: 7.335 min
Delta R.T.: -0.002 min
Response: 78989
Conc: 23.03 ng/ml




#32 AR-1260-2

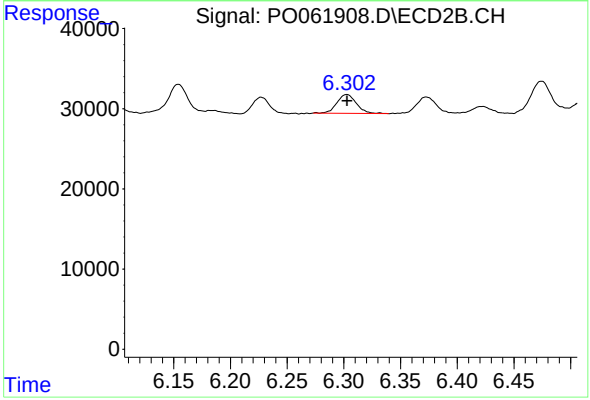
R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 53128
Conc: 20.94 ng/ml




#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.694 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**




#33 AR-1260-3

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 28262
Conc: 12.52 ng/ml