

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081621\  
 Data File : PP038422.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Aug 2021 14:02  
 Operator : AJ\MA  
 Sample : M3419-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 17 02:13:49 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 06 03:08:47 2021  
 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... | 4.887  | 3.872  | 947968   | 556715   | 21.331    | 21.615      |
| 2)                          | SA Decachlor... | 10.875 | 9.136  | 696799   | 626612   | 30.630    | 24.219      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 3)                          | L1 AR-1016-1    | 6.194f | 0.000  | 4088     | 0        | 2.753     | N.D. #      |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.417f | 0        | 44644    | N.D.      | 78.593 #    |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.615  | 0        | 21842    | N.D.      | 28.465 #    |
| 8)                          | L2 AR-1221-1    | 5.138  | 0.000  | 170845   | 0        | 315.190   | N.D. #      |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.417f | 0        | 44644    | N.D.      | 151.119 #   |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.615  | 0        | 21842    | N.D.      | 58.937 #    |
| 16)                         | L4 AR-1242-1    | 6.194f | 0.000  | 4088     | 0        | 3.612     | N.D. #      |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.417f | 0        | 44644    | N.D.      | 84.975 #    |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.986  | 0        | 107785   | N.D.      | 166.810 #   |
| 21)                         | L5 AR-1248-1    | 6.194f | 0.000  | 4088     | 0        | 4.812     | N.D. #      |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.417f | 0        | 44644    | N.D.      | 60.111 #    |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.417f | 0        | 44644    | N.D.      | 56.738 #    |
| 24)                         | L5 AR-1248-4    | 7.147  | 5.615  | 34063    | 21842    | 25.229    | 23.701      |
| 26)                         | L6 AR-1254-1    | 7.125  | 5.986  | 83523    | 107785   | 64.100    | 80.566 #    |
| 27)                         | L6 AR-1254-2    | 7.349  | 6.170  | 308277   | 173674   | 162.991   | 151.535     |
| 28)                         | L6 AR-1254-3    | 7.741  | 6.585  | 1082123  | 1003136  | 545.441   | 531.352     |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.788f | 0        | 61245    | N.D.      | 50.867 #    |
| 30)                         | L6 AR-1254-5    | 8.479f | 7.231  | 19039816 | 20653588 | 13101.546 | 12515.822   |
| 31)                         | L7 AR-1260-1    | 7.892  | 6.700  | 142480   | 131069   | 99.277    | 100.667     |
| 32)                         | L7 AR-1260-2    | 8.159  | 6.899  | 4027143  | 136915   | 2339.116  | 87.996 #    |
| 33)                         | L7 AR-1260-3    | 8.524  | 7.052  | 691931   | 219673   | 579.204   | 144.312 #   |
| 34)                         | L7 AR-1260-4    | 8.766  | 7.532  | 548615   | 491497   | 385.182   | 401.750     |
| 35)                         | L7 AR-1260-5    | 9.079  | 7.782  | 801855   | 860185   | 302.009   | 294.542     |
| 36)                         | L8 AR-1262-1    | 8.524  | 7.231  | 691931   | 20653588 | 421.214   | 22596.468 # |
| 37)                         | L8 AR-1262-2    | 9.079  | 7.782  | 801855   | 860185   | 282.141   | 277.959     |
| 38)                         | L8 AR-1262-3    | 9.385  | 8.068  | 1349381  | 1240409  | 1139.367  | 980.497     |
| 39)                         | L8 AR-1262-4    | 9.481  | 8.133  | 1392681  | 1403344  | 1820.160  | 592.647 #   |
| 40)                         | L8 AR-1262-5    | 10.137 | 8.629  | 880138   | 806099   | 887.604   | 718.294     |
| 41)                         | L9 AR-1268-1    | 9.385  | 8.068  | 1349381  | 1240409  | 413.005   | 341.820     |
| 42)                         | L9 AR-1268-2    | 9.481  | 8.133  | 1392681  | 1403344  | 455.303   | 410.764     |
| 43)                         | L9 AR-1268-3    | 9.703  | 8.338  | 332637   | 339928   | 131.126   | 119.302     |
| 44)                         | L9 AR-1268-4    | 10.137 | 8.629  | 880138   | 806099   | 797.603   | 636.939     |
| 45)                         | L9 AR-1268-5    | 10.545 | 8.902  | 1530476  | 1380993  | 182.357   | 145.513     |
| -----                       |                 |        |        |          |          |           |             |

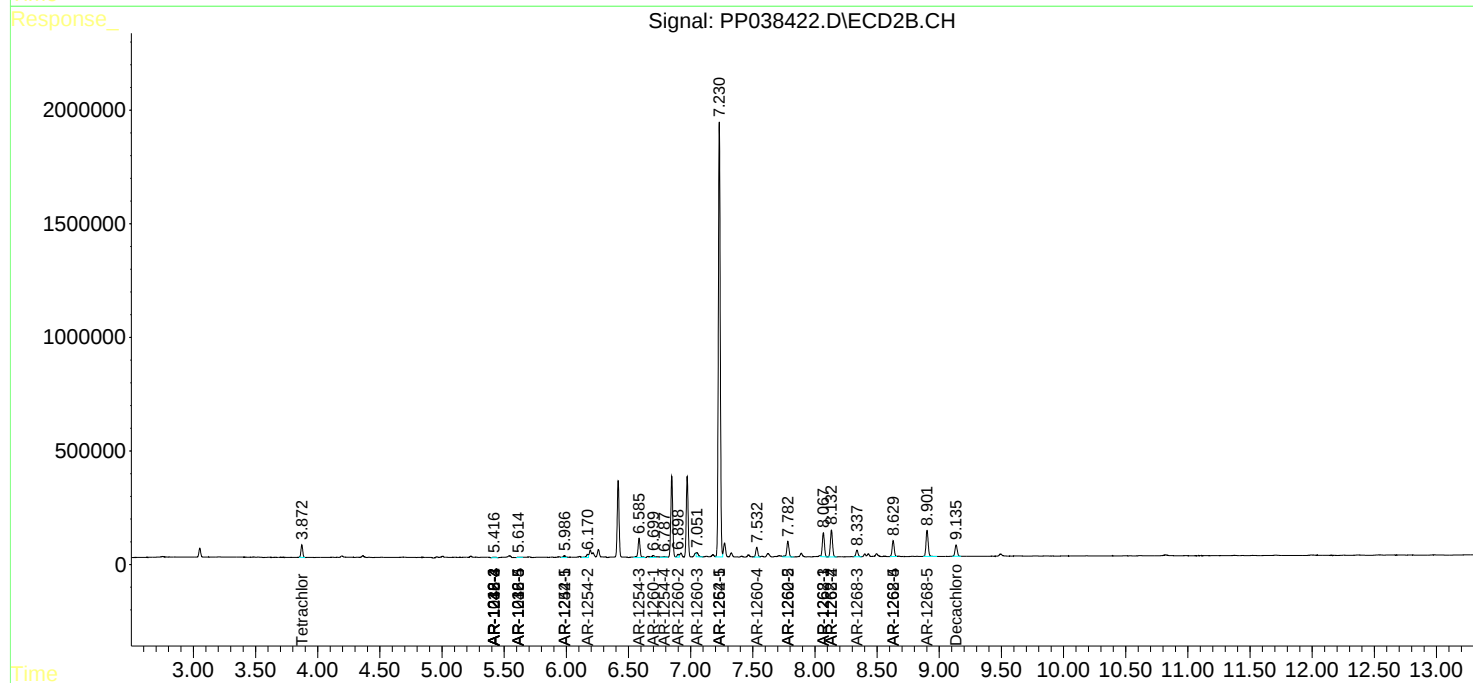
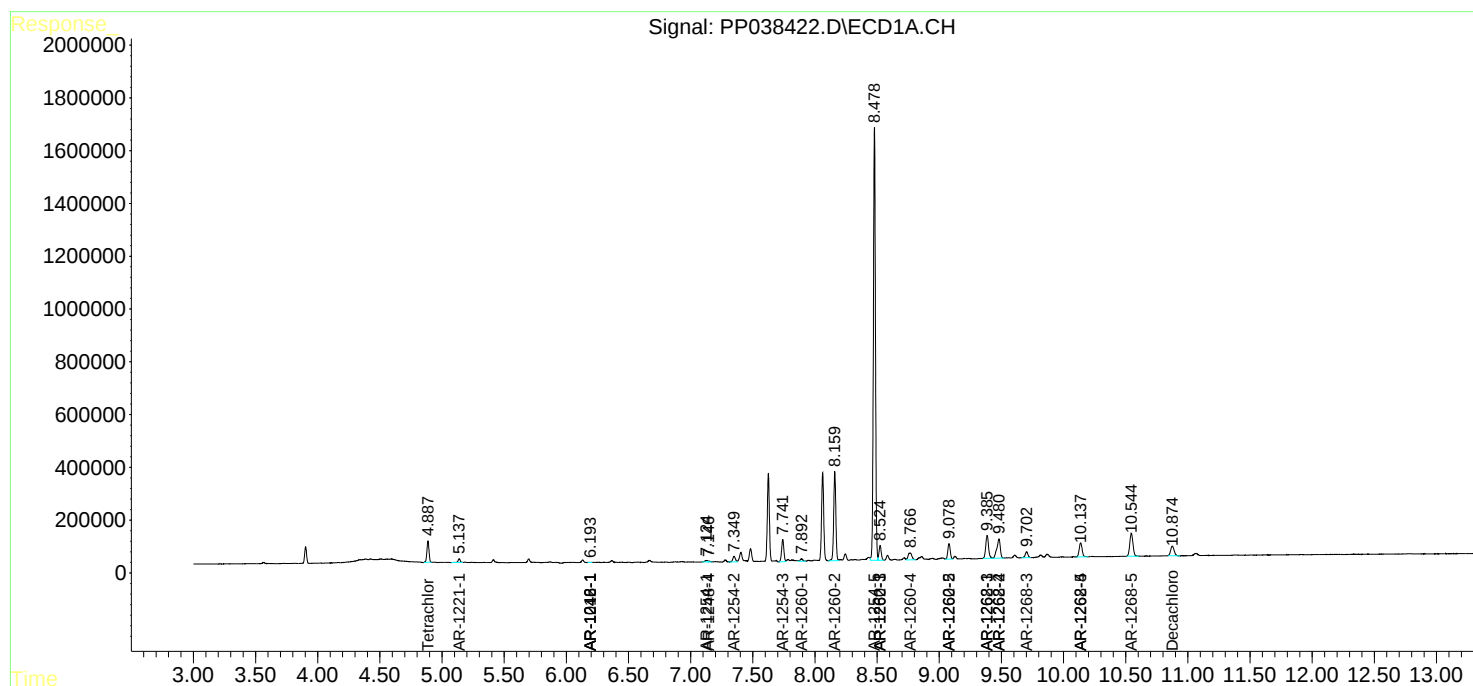
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

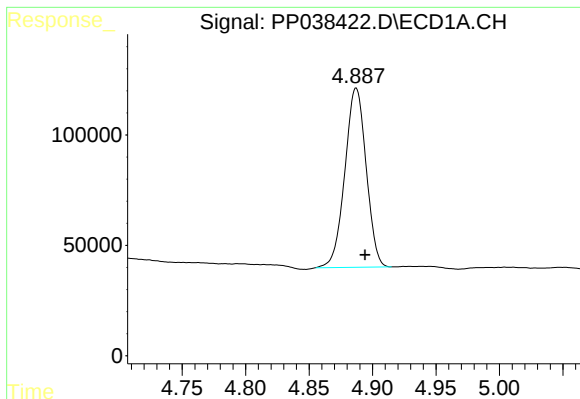
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081621\  
Data File : PP038422.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Aug 2021 14:02  
Operator : AJ\MA  
Sample : M3419-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 17 02:13:49 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 06 03:08:47 2021  
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

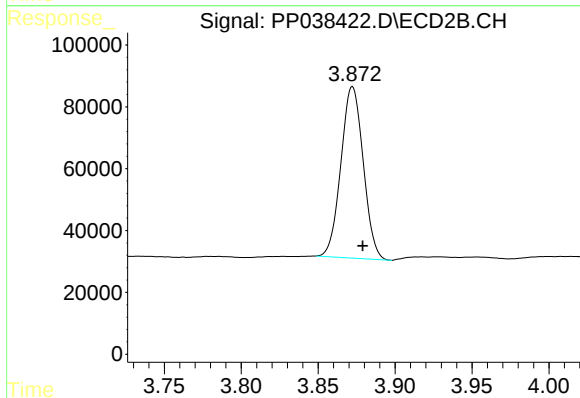




#1 Tetrachloro-m-xylene

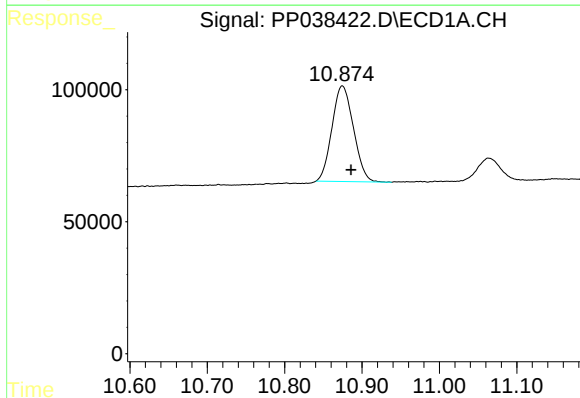
R.T.: 4.887 min  
Delta R.T.: -0.007 min  
Response: 947968  
Conc: 21.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



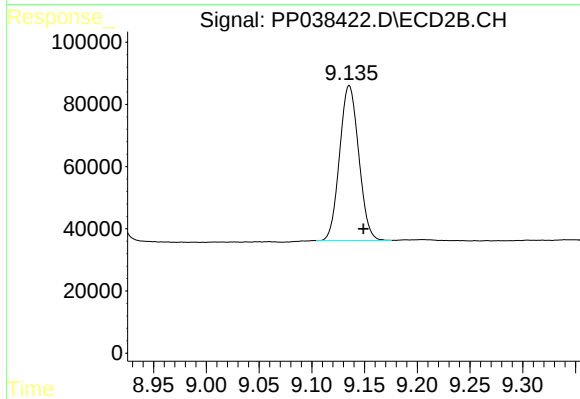
#1 Tetrachloro-m-xylene

R.T.: 3.872 min  
Delta R.T.: -0.007 min  
Response: 556715  
Conc: 21.62 ng/ml



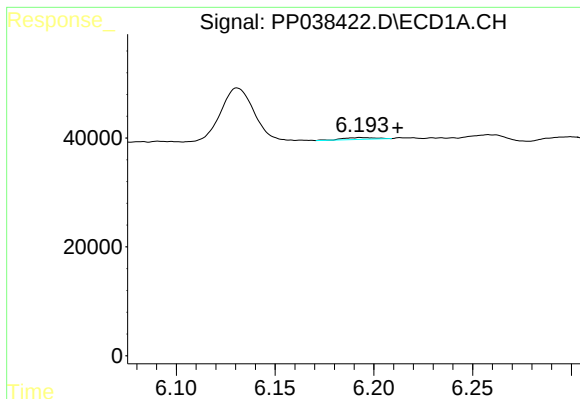
#2 Decachlorobiphenyl

R.T.: 10.875 min  
Delta R.T.: -0.011 min  
Response: 696799  
Conc: 30.63 ng/ml



#2 Decachlorobiphenyl

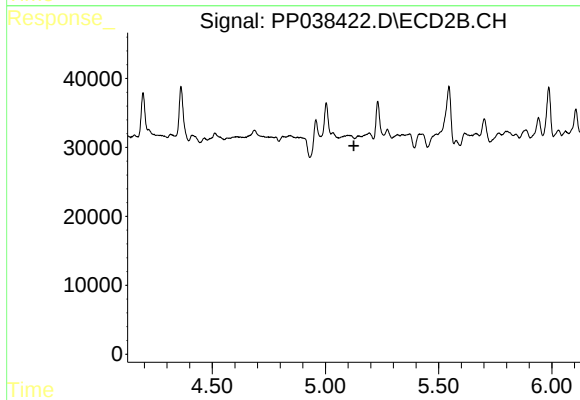
R.T.: 9.136 min  
Delta R.T.: -0.014 min  
Response: 626612  
Conc: 24.22 ng/ml



#3 AR-1016-1

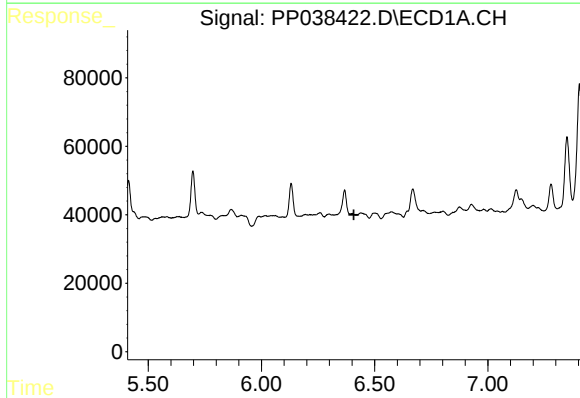
R.T.: 6.194 min  
Delta R.T.: -0.018 min  
Response: 4088  
Conc: 2.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



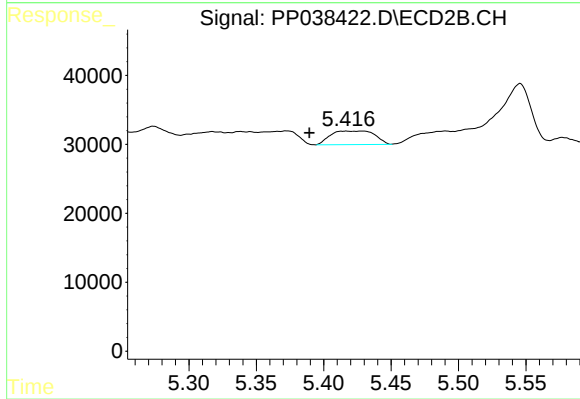
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.126 min  
Response: 0  
Conc: N.D.



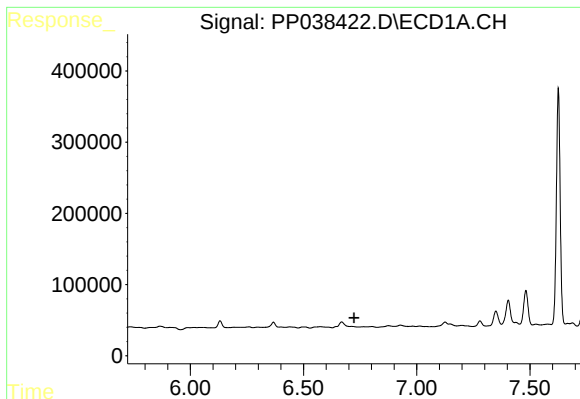
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.408 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

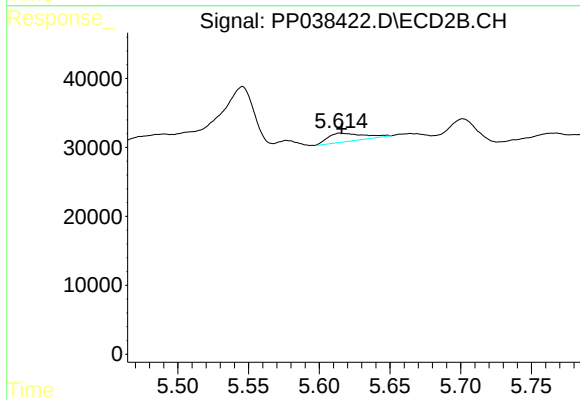
R.T.: 5.417 min  
Delta R.T.: 0.027 min  
Response: 44644  
Conc: 78.59 ng/ml



#7 AR-1016-5

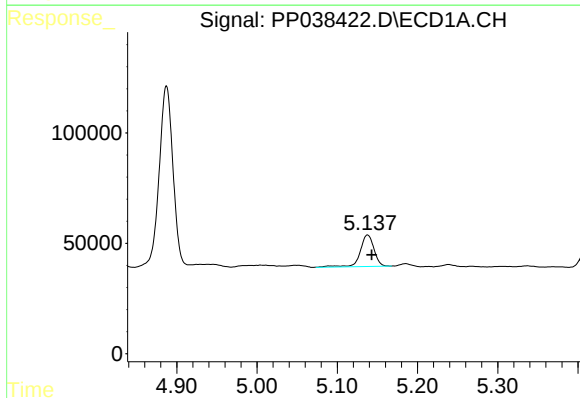
R.T.: 0.000 min  
Exp R.T.: 6.723 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



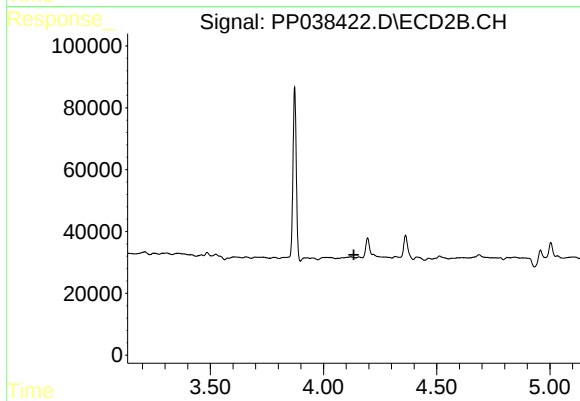
#7 AR-1016-5

R.T.: 5.615 min  
Delta R.T.: 0.000 min  
Response: 21842  
Conc: 28.46 ng/ml



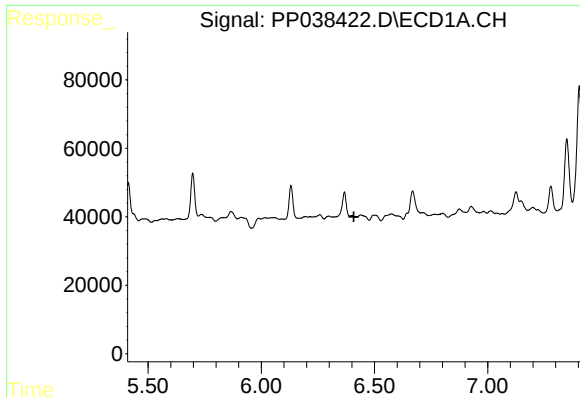
#8 AR-1221-1

R.T.: 5.138 min  
Delta R.T.: -0.005 min  
Response: 17085  
Conc: 315.19 ng/ml



#8 AR-1221-1

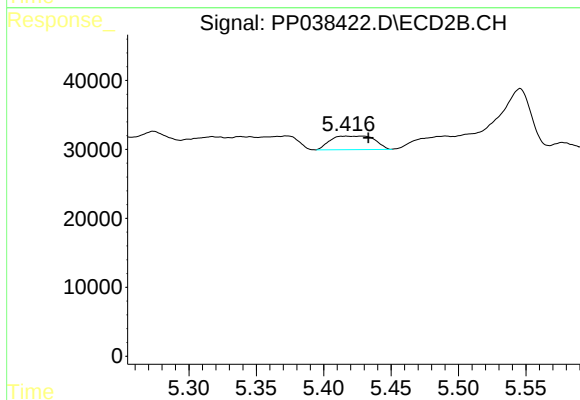
R.T.: 0.000 min  
Exp R.T.: 4.134 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

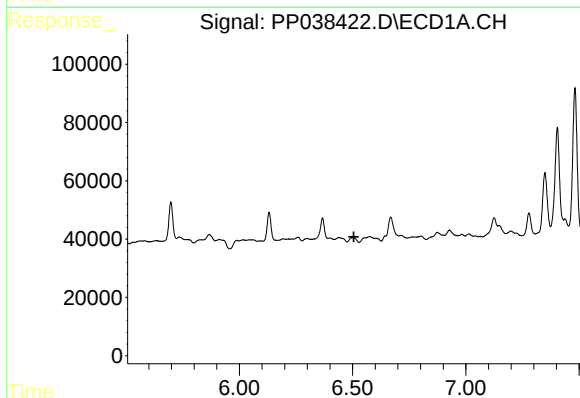
R.T.: 0.000 min  
Exp R.T.: 6.409 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



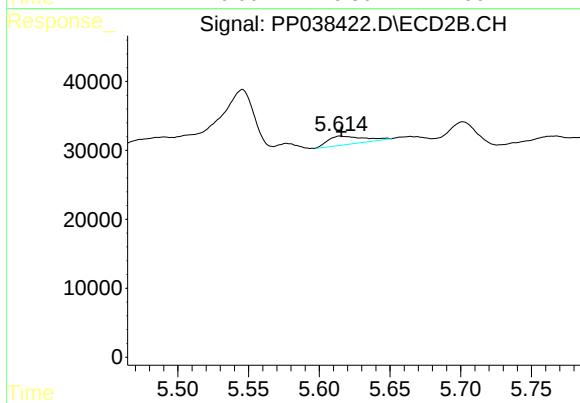
#14 AR-1232-4

R.T.: 5.417 min  
Delta R.T.: -0.016 min  
Response: 44644  
Conc: 151.12 ng/ml



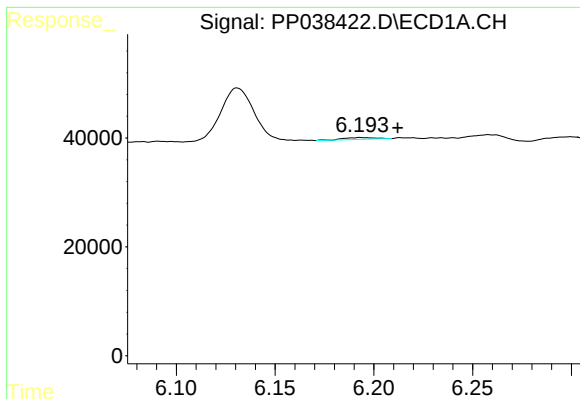
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 6.506 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

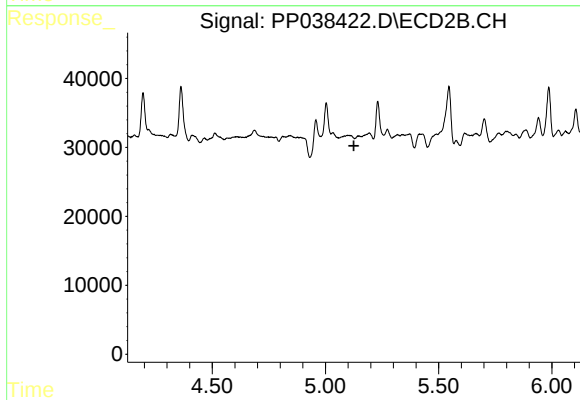
R.T.: 5.615 min  
Delta R.T.: 0.000 min  
Response: 21842  
Conc: 58.94 ng/ml



#16 AR-1242-1

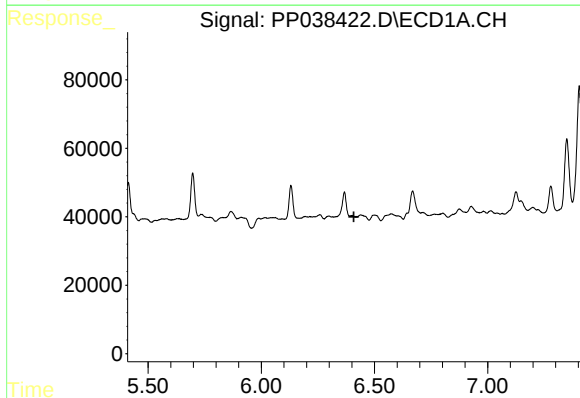
R.T.: 6.194 min  
Delta R.T.: -0.018 min  
Response: 4088  
Conc: 3.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



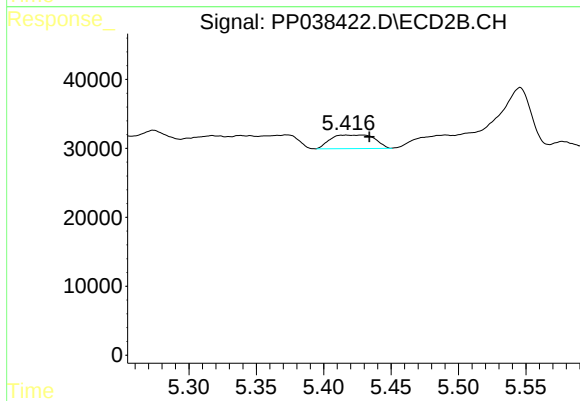
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.126 min  
Response: 0  
Conc: N.D.



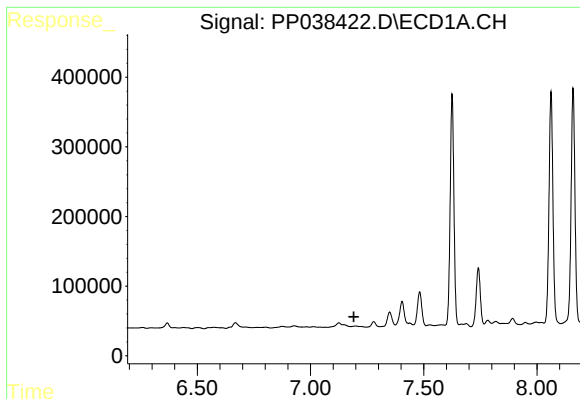
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.409 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

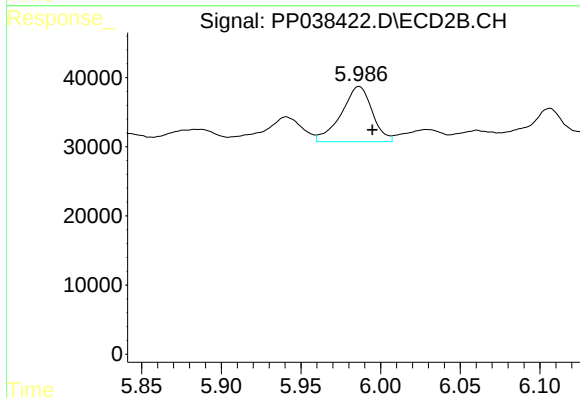
R.T.: 5.417 min  
Delta R.T.: -0.017 min  
Response: 44644  
Conc: 84.98 ng/ml



#20 AR-1242-5

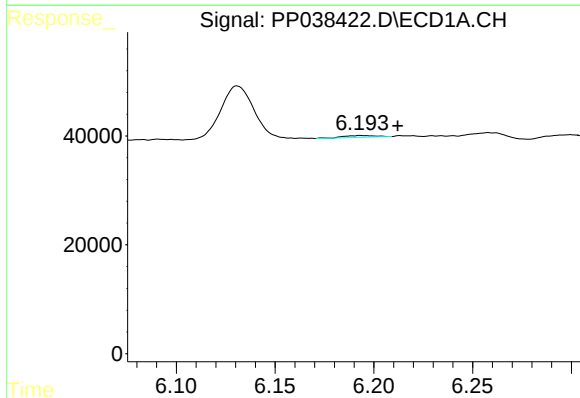
R.T.: 0.000 min  
Exp R.T.: 7.192 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



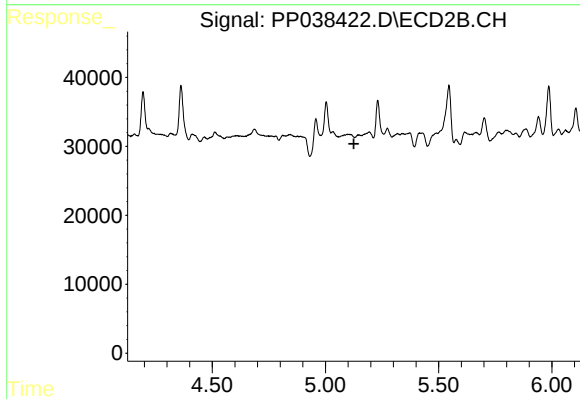
#20 AR-1242-5

R.T.: 5.986 min  
Delta R.T.: -0.008 min  
Response: 107785  
Conc: 166.81 ng/ml



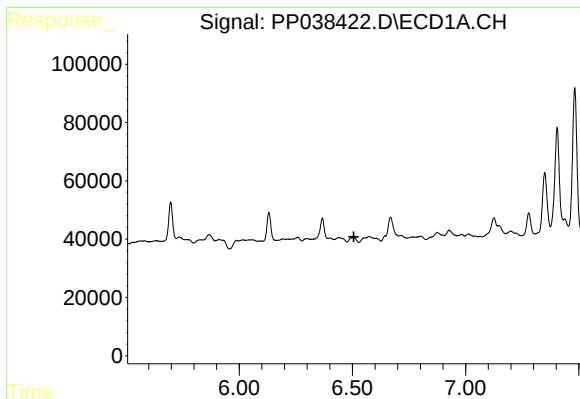
#21 AR-1248-1

R.T.: 6.194 min  
Delta R.T.: -0.018 min  
Response: 4088  
Conc: 4.81 ng/ml



#21 AR-1248-1

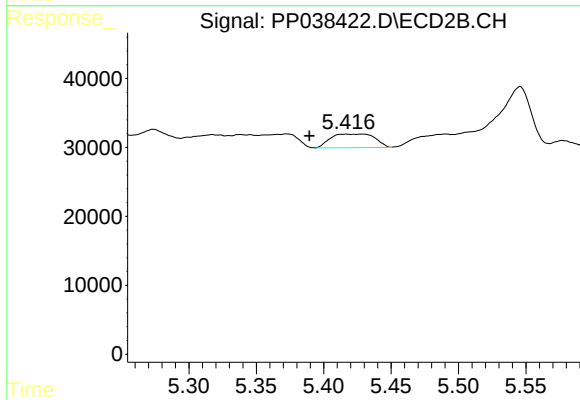
R.T.: 0.000 min  
Exp R.T.: 5.126 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

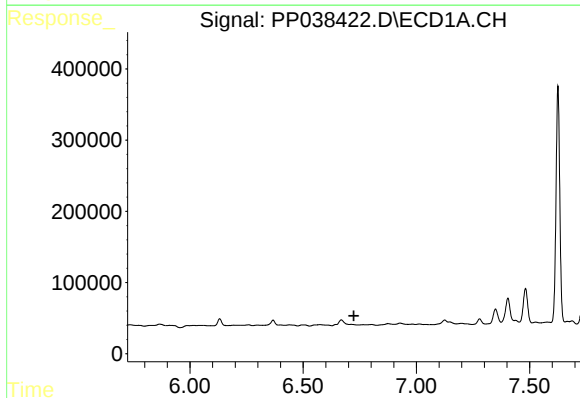
R.T.: 0.000 min  
Exp R.T.: 6.506 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



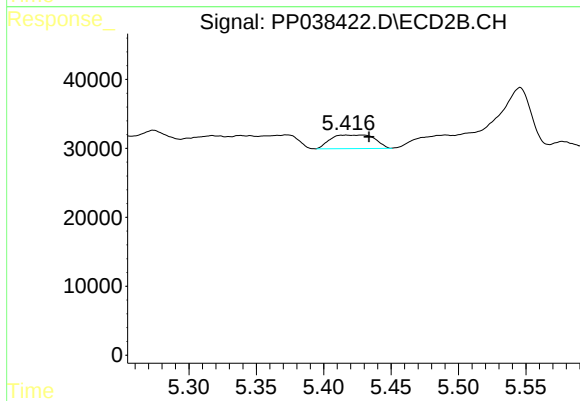
#22 AR-1248-2

R.T.: 5.417 min  
Delta R.T.: 0.027 min  
Response: 44644  
Conc: 60.11 ng/ml



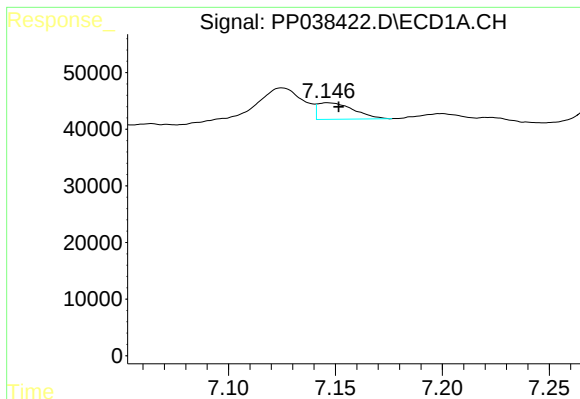
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.724 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

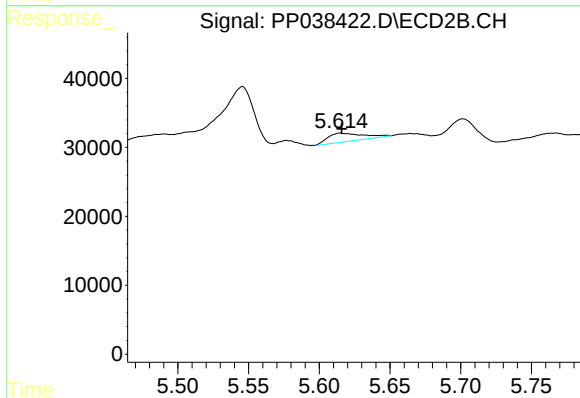
R.T.: 5.417 min  
Delta R.T.: -0.017 min  
Response: 44644  
Conc: 56.74 ng/ml



#24 AR-1248-4

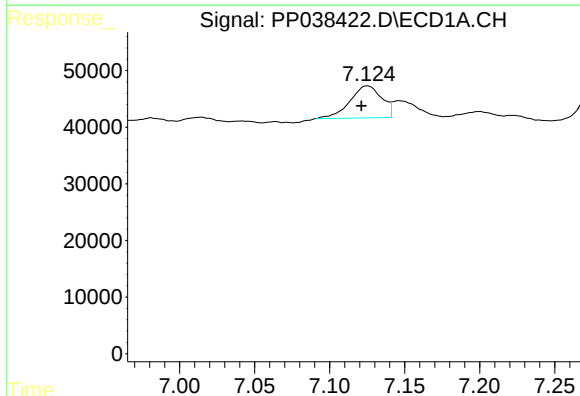
R.T.: 7.147 min  
Delta R.T.: -0.005 min  
Response: 34063  
Conc: 25.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



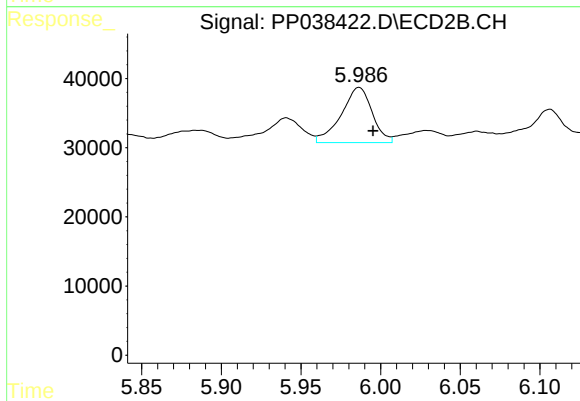
#24 AR-1248-4

R.T.: 5.615 min  
Delta R.T.: 0.000 min  
Response: 21842  
Conc: 23.70 ng/ml



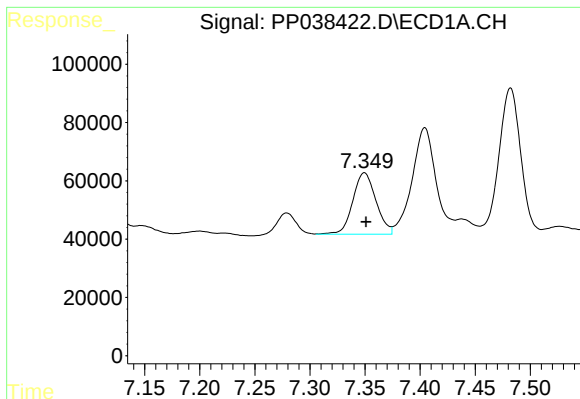
#26 AR-1254-1

R.T.: 7.125 min  
Delta R.T.: 0.004 min  
Response: 83523  
Conc: 64.10 ng/ml



#26 AR-1254-1

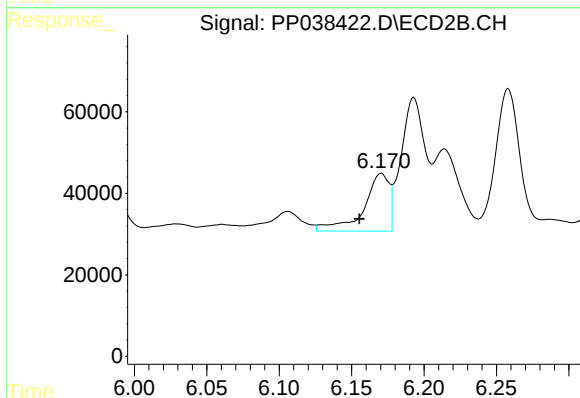
R.T.: 5.986 min  
Delta R.T.: -0.009 min  
Response: 107785  
Conc: 80.57 ng/ml



#27 AR-1254-2

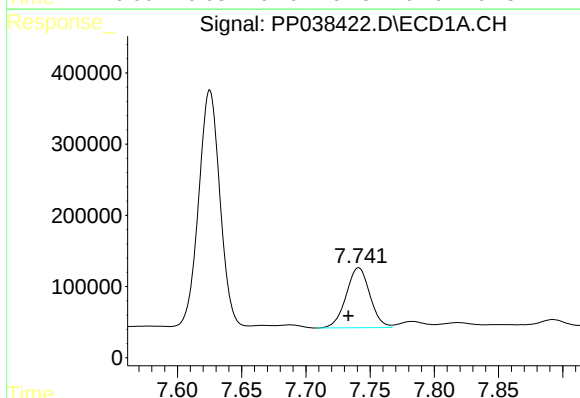
R.T.: 7.349 min  
Delta R.T.: -0.001 min  
Response: 308277  
Conc: 162.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



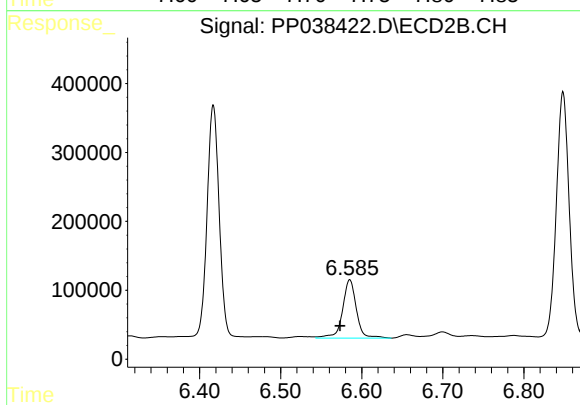
#27 AR-1254-2

R.T.: 6.170 min  
Delta R.T.: 0.015 min  
Response: 173674  
Conc: 151.53 ng/ml



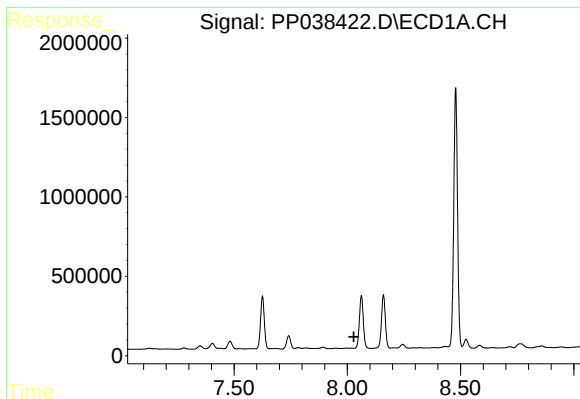
#28 AR-1254-3

R.T.: 7.741 min  
Delta R.T.: 0.008 min  
Response: 1082123  
Conc: 545.44 ng/ml



#28 AR-1254-3

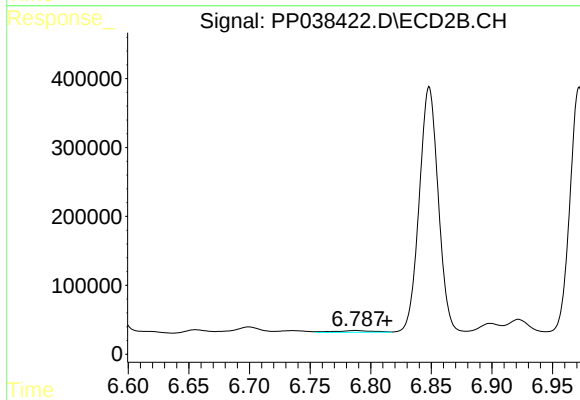
R.T.: 6.585 min  
Delta R.T.: 0.012 min  
Response: 1003136  
Conc: 531.35 ng/ml



#29 AR-1254-4

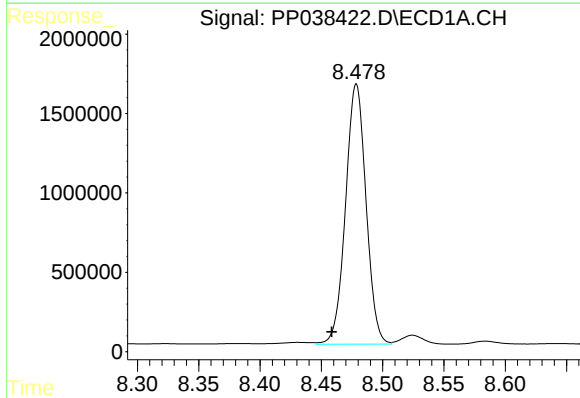
R.T.: 0.000 min  
Exp R.T.: 8.029 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



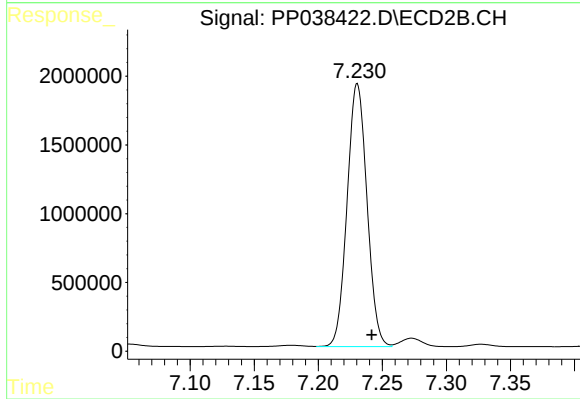
#29 AR-1254-4

R.T.: 6.788 min  
Delta R.T.: -0.026 min  
Response: 61245  
Conc: 50.87 ng/ml



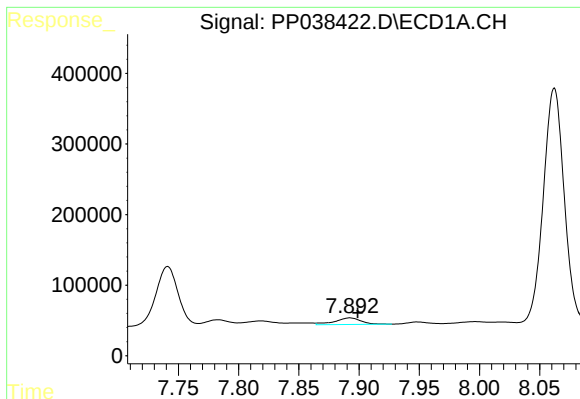
#30 AR-1254-5

R.T.: 8.479 min  
Delta R.T.: 0.020 min  
Response: 19039816  
Conc: 13101.55 ng/ml



#30 AR-1254-5

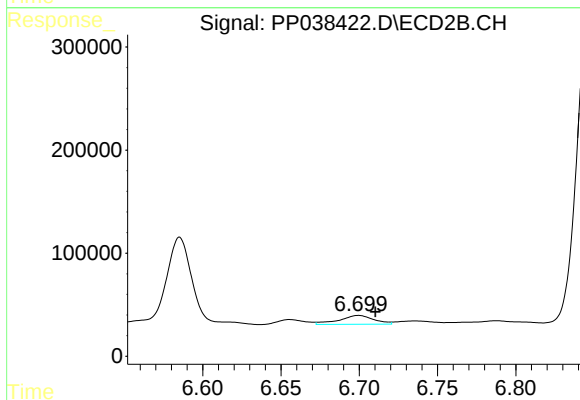
R.T.: 7.231 min  
Delta R.T.: -0.011 min  
Response: 20653588  
Conc: 12515.82 ng/ml



#31 AR-1260-1

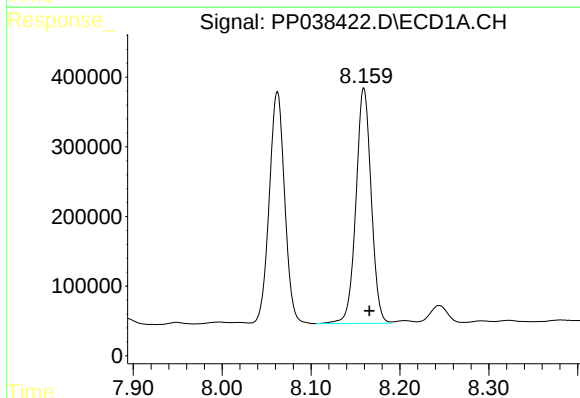
R.T.: 7.892 min  
Delta R.T.: -0.007 min  
Response: 142480  
Conc: 99.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



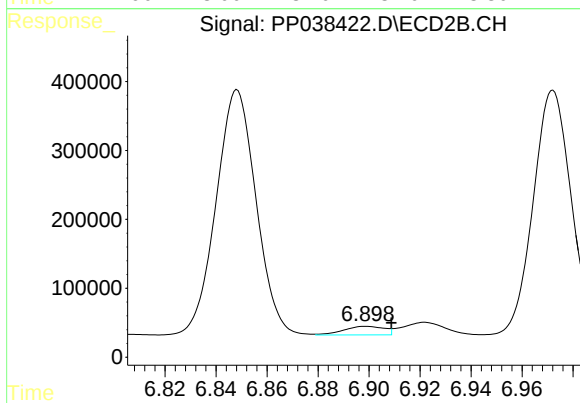
#31 AR-1260-1

R.T.: 6.700 min  
Delta R.T.: -0.011 min  
Response: 131069  
Conc: 100.67 ng/ml



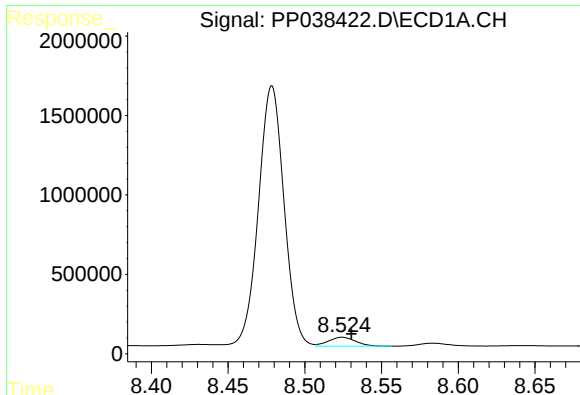
#32 AR-1260-2

R.T.: 8.159 min  
Delta R.T.: -0.006 min  
Response: 4027143  
Conc: 2339.12 ng/ml



#32 AR-1260-2

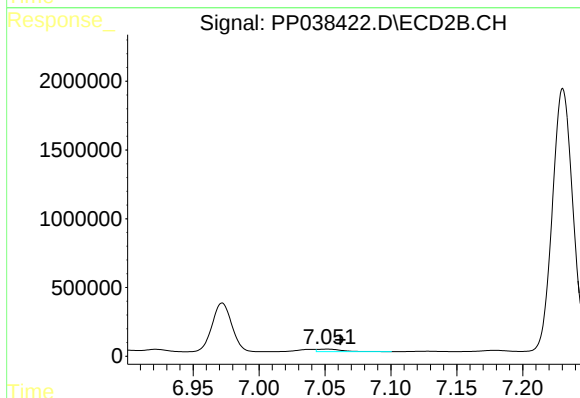
R.T.: 6.899 min  
Delta R.T.: -0.010 min  
Response: 136915  
Conc: 88.00 ng/ml



#33 AR-1260-3

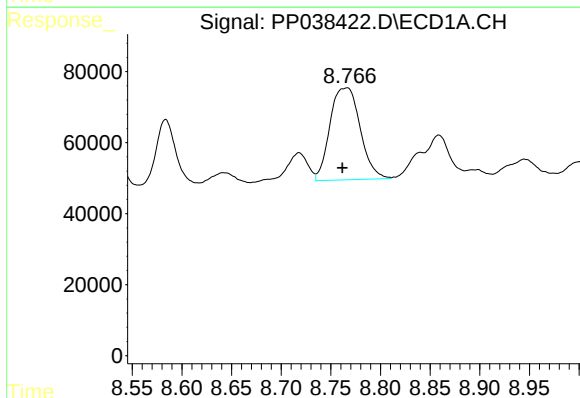
R.T.: 8.524 min  
Delta R.T.: -0.006 min  
Response: 691931  
Conc: 579.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



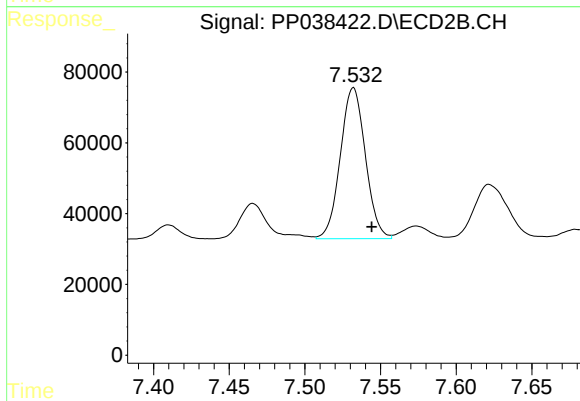
#33 AR-1260-3

R.T.: 7.052 min  
Delta R.T.: -0.010 min  
Response: 219673  
Conc: 144.31 ng/ml



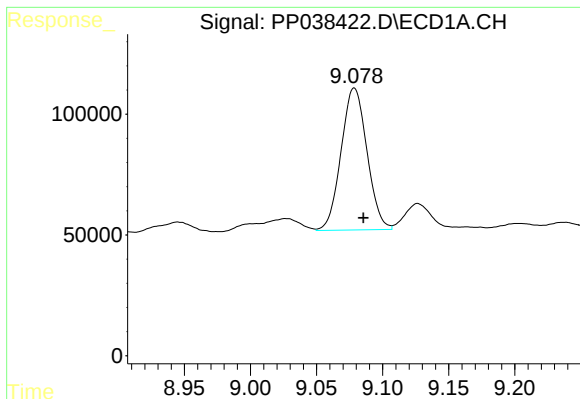
#34 AR-1260-4

R.T.: 8.766 min  
Delta R.T.: 0.005 min  
Response: 548615  
Conc: 385.18 ng/ml



#34 AR-1260-4

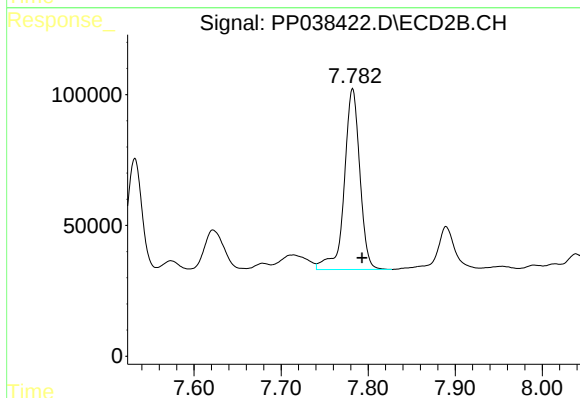
R.T.: 7.532 min  
Delta R.T.: -0.012 min  
Response: 491497  
Conc: 401.75 ng/ml



#35 AR-1260-5

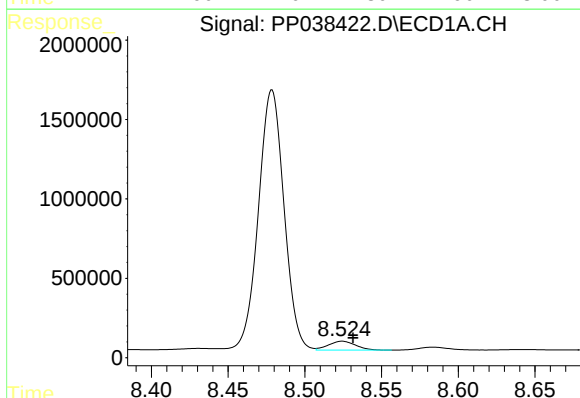
R.T.: 9.079 min  
Delta R.T.: -0.007 min  
Response: 801855  
Conc: 302.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



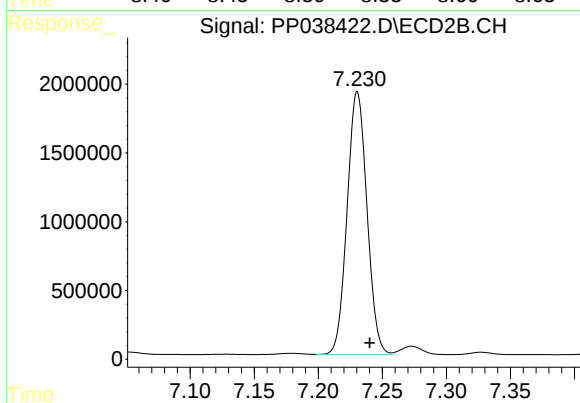
#35 AR-1260-5

R.T.: 7.782 min  
Delta R.T.: -0.011 min  
Response: 860185  
Conc: 294.54 ng/ml



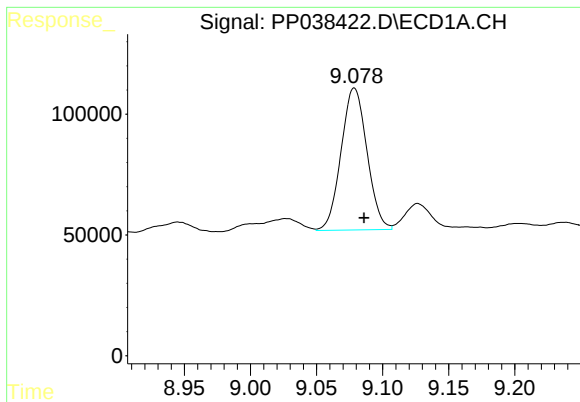
#36 AR-1262-1

R.T.: 8.524 min  
Delta R.T.: -0.007 min  
Response: 691931  
Conc: 421.21 ng/ml



#36 AR-1262-1

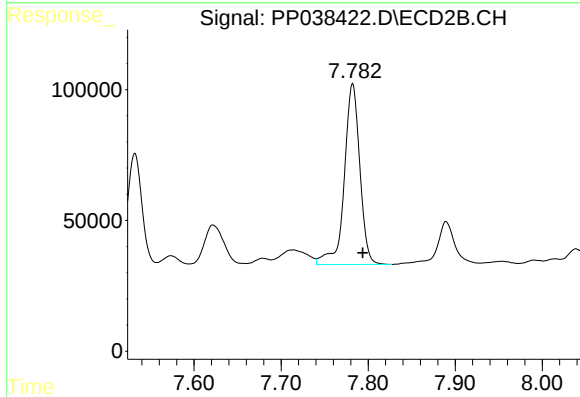
R.T.: 7.231 min  
Delta R.T.: -0.010 min  
Response: 20653588  
Conc: 22596.47 ng/ml



#37 AR-1262-2

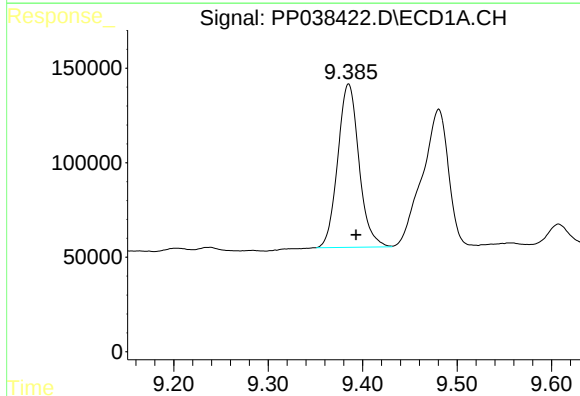
R.T.: 9.079 min  
Delta R.T.: -0.007 min  
Response: 801855  
Conc: 282.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



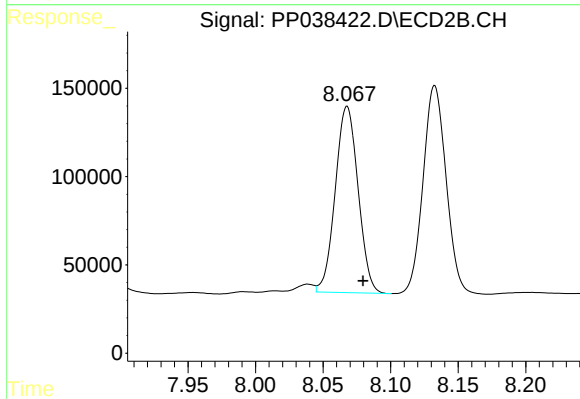
#37 AR-1262-2

R.T.: 7.782 min  
Delta R.T.: -0.012 min  
Response: 860185  
Conc: 277.96 ng/ml



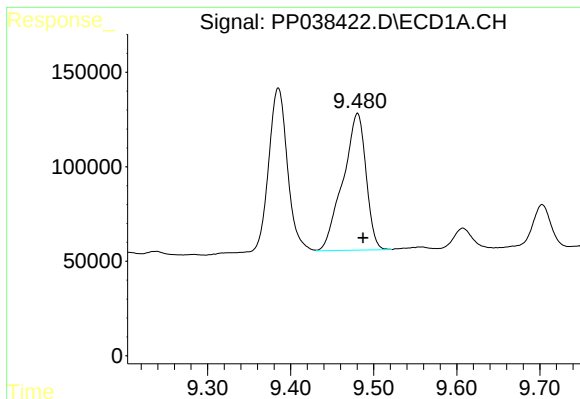
#38 AR-1262-3

R.T.: 9.385 min  
Delta R.T.: -0.008 min  
Response: 1349381  
Conc: 1139.37 ng/ml



#38 AR-1262-3

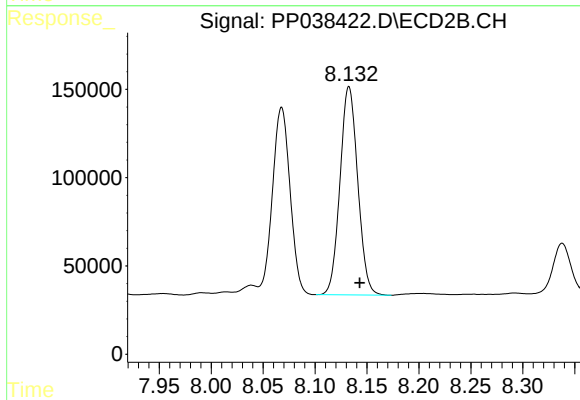
R.T.: 8.068 min  
Delta R.T.: -0.012 min  
Response: 1240409  
Conc: 980.50 ng/ml



#39 AR-1262-4

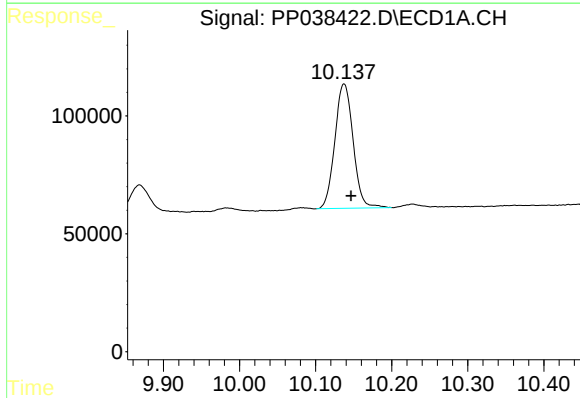
R.T.: 9.481 min  
Delta R.T.: -0.007 min  
Response: 1392681  
Conc: 1820.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



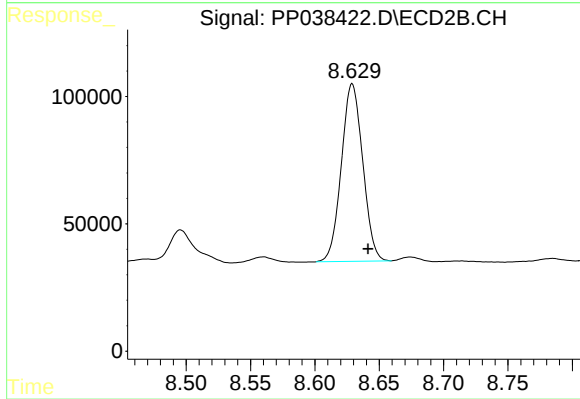
#39 AR-1262-4

R.T.: 8.133 min  
Delta R.T.: -0.010 min  
Response: 1403344  
Conc: 592.65 ng/ml



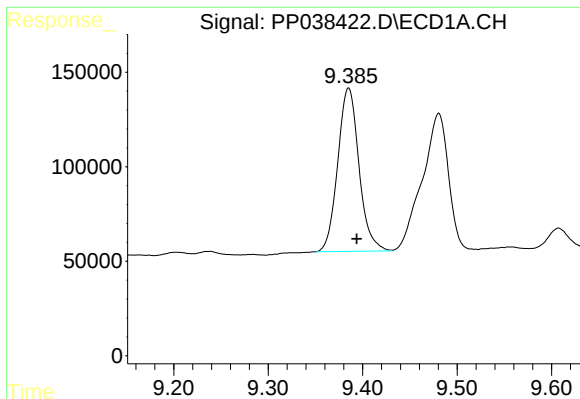
#40 AR-1262-5

R.T.: 10.137 min  
Delta R.T.: -0.009 min  
Response: 880138  
Conc: 887.60 ng/ml



#40 AR-1262-5

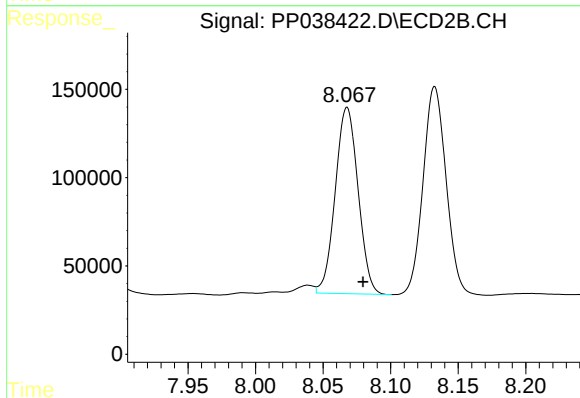
R.T.: 8.629 min  
Delta R.T.: -0.012 min  
Response: 806099  
Conc: 718.29 ng/ml



#41 AR-1268-1

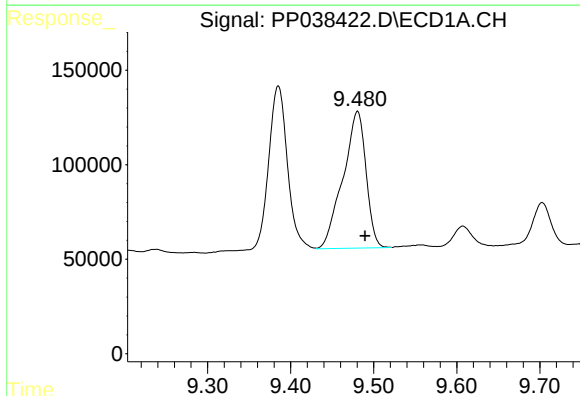
R.T.: 9.385 min  
Delta R.T.: -0.008 min  
Response: 1349381  
Conc: 413.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



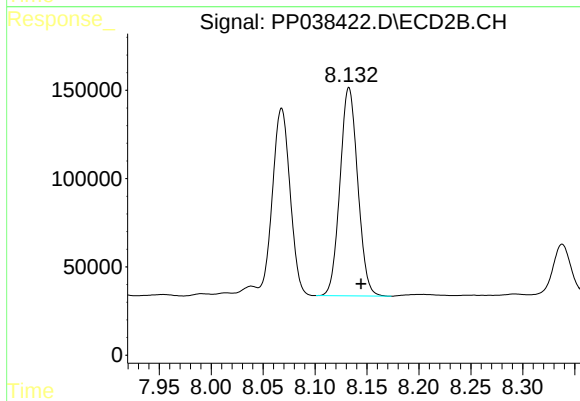
#41 AR-1268-1

R.T.: 8.068 min  
Delta R.T.: -0.012 min  
Response: 1240409  
Conc: 341.82 ng/ml



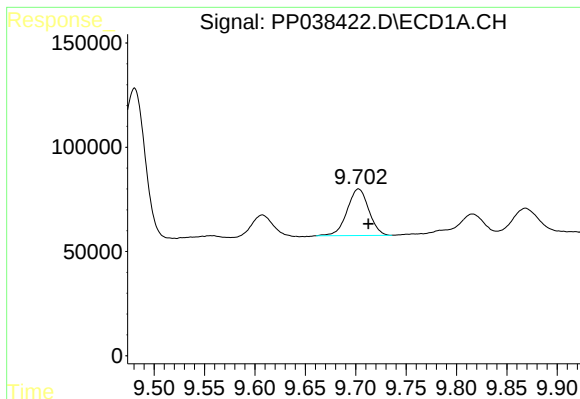
#42 AR-1268-2

R.T.: 9.481 min  
Delta R.T.: -0.009 min  
Response: 1392681  
Conc: 455.30 ng/ml



#42 AR-1268-2

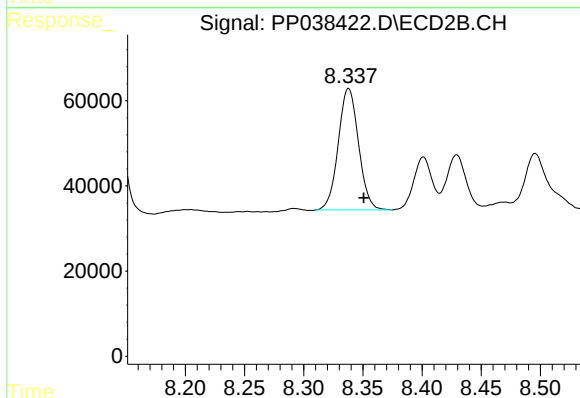
R.T.: 8.133 min  
Delta R.T.: -0.012 min  
Response: 1403344  
Conc: 410.76 ng/ml



#43 AR-1268-3

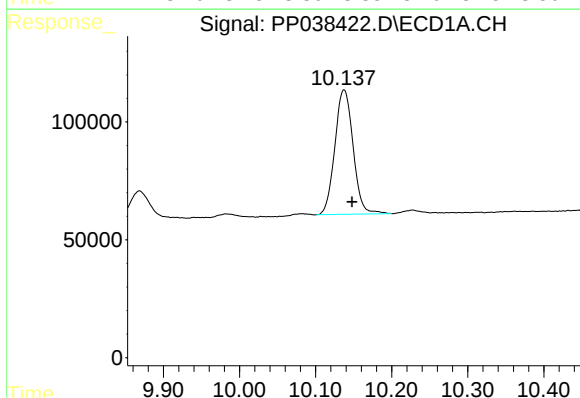
R.T.: 9.703 min  
Delta R.T.: -0.010 min  
Response: 332637  
Conc: 131.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



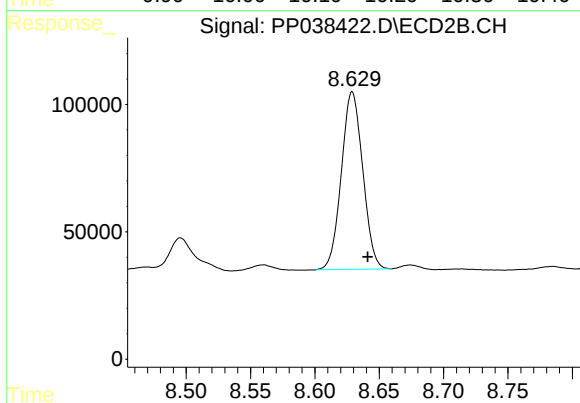
#43 AR-1268-3

R.T.: 8.338 min  
Delta R.T.: -0.013 min  
Response: 339928  
Conc: 119.30 ng/ml



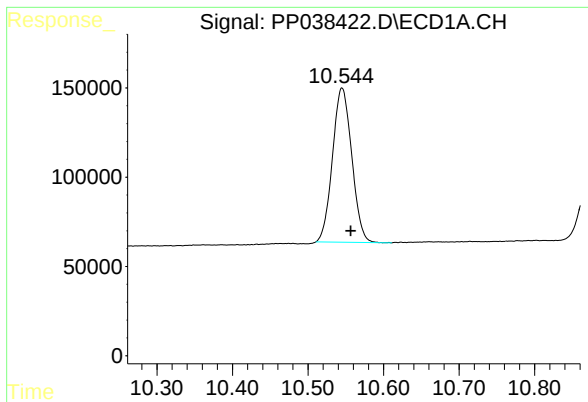
#44 AR-1268-4

R.T.: 10.137 min  
Delta R.T.: -0.011 min  
Response: 880138  
Conc: 797.60 ng/ml



#44 AR-1268-4

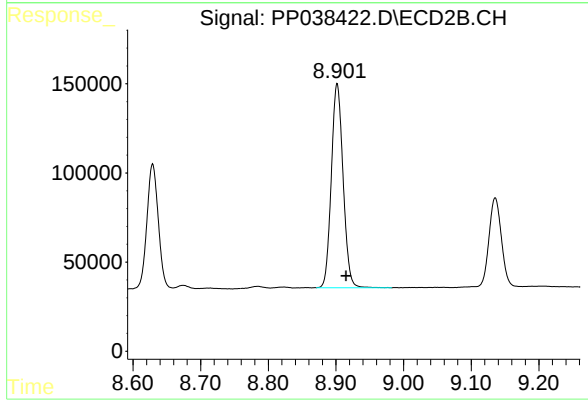
R.T.: 8.629 min  
Delta R.T.: -0.012 min  
Response: 806099  
Conc: 636.94 ng/ml



#45 AR-1268-5

R.T.: 10.545 min  
Delta R.T.: -0.012 min  
Response: 1530476  
Conc: 182.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.902 min  
Delta R.T.: -0.013 min  
Response: 1380993  
Conc: 145.51 ng/ml