

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0073119\  
 Data File : P0058598.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Jul 2019 10:24  
 Operator : SM/AJ  
 Sample : K4046-07RE  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 S2-02-SRE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 30 12:17:00 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Jul 27 06:49:05 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... | 4.173 | 3.522 | 899140 | 771607 | 21.305  | 19.314    |
| 2)                          | SA Decachlor... | 9.656 | 8.410 | 515450 | 396689 | 9.518   | 10.050    |
| Target Compounds            |                 |       |       |        |        |         |           |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.810 | 0      | 110851 | N.D.    | 97.603 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.810 | 0      | 110851 | N.D.    | 117.514 # |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.020 | 0      | 48574  | N.D.    | 39.445 #  |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.933 | 0      | 99163  | N.D.    | 103.661 # |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.933 | 0      | 99163  | N.D.    | 126.232 # |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.810 | 0      | 110851 | N.D.    | 252.058 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.851 | 0      | 38081  | N.D.    | 96.343 #  |
| 15)                         | L3 AR-1232-5    | 0.000 | 5.020 | 0      | 48574  | N.D.    | 110.333 # |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.810 | 0      | 110851 | N.D.    | 136.116 # |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.851 | 0      | 38081  | N.D.    | 47.071 #  |
| 20)                         | L4 AR-1242-5    | 6.195 | 5.365 | 269956 | 359436 | 229.833 | 335.081 # |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.810 | 0      | 110851 | N.D.    | 100.046 # |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.851 | 0      | 38081  | N.D.    | 33.459 #  |
| 24)                         | L5 AR-1248-4    | 6.195 | 5.020 | 269956 | 48574  | 133.295 | 34.771 #  |
| 25)                         | L5 AR-1248-5    | 6.195 | 5.395 | 269956 | 140230 | 139.848 | 101.230 # |
| 26)                         | L6 AR-1254-1    | 6.167 | 5.365 | 466799 | 359436 | 197.688 | 138.750 # |
| 27)                         | L6 AR-1254-2    | 6.381 | 5.510 | 646537 | 356522 | 167.760 | 155.725   |
| 28)                         | L6 AR-1254-3    | 6.745 | 5.907 | 617913 | 551562 | 152.585 | 149.907   |
| 29)                         | L6 AR-1254-4    | 7.028 | 6.134 | 438449 | 297321 | 121.770 | 127.868   |
| 30)                         | L6 AR-1254-5    | 7.442 | 6.544 | 451816 | 470752 | 124.647 | 136.467   |
| 31)                         | L7 AR-1260-1    | 6.904 | 6.034 | 214984 | 266757 | 74.669  | 112.081 # |
| 32)                         | L7 AR-1260-2    | 7.157 | 6.221 | 591137 | 239461 | 142.098 | 79.048 #  |
| 33)                         | L7 AR-1260-3    | 7.468 | 6.370 | 145730 | 207768 | 39.133  | 76.956 #  |
| 34)                         | L7 AR-1260-4    | 7.731 | 6.835 | 176140 | 62214  | 51.688  | 27.534 #  |
| 35)                         | L7 AR-1260-5    | 0.000 | 7.077 | 0      | 130697 | N.D.    | 24.269 #  |
| 36)                         | L8 AR-1262-1    | 7.468 | 6.570 | 145730 | 125817 | 28.913  | 35.226    |
| 37)                         | L8 AR-1262-2    | 0.000 | 7.077 | 0      | 130697 | N.D.    | 23.149 #  |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.354 | 0      | 47401  | N.D.    | 19.206 #  |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.418 | 0      | 152474 | N.D.    | 35.908 #  |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.354 | 0      | 47401  | N.D.    | 5.820 #   |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.418 | 0      | 152474 | N.D.    | 20.123 #  |
| 43)                         | L9 AR-1268-3    | 0.000 | 7.617 | 0      | 14977  | N.D.    | 2.343 #   |
| 45)                         | L9 AR-1268-5    | 0.000 | 8.179 | 0      | 47094  | N.D.    | 2.748 #   |
| -----                       |                 |       |       |        |        |         |           |

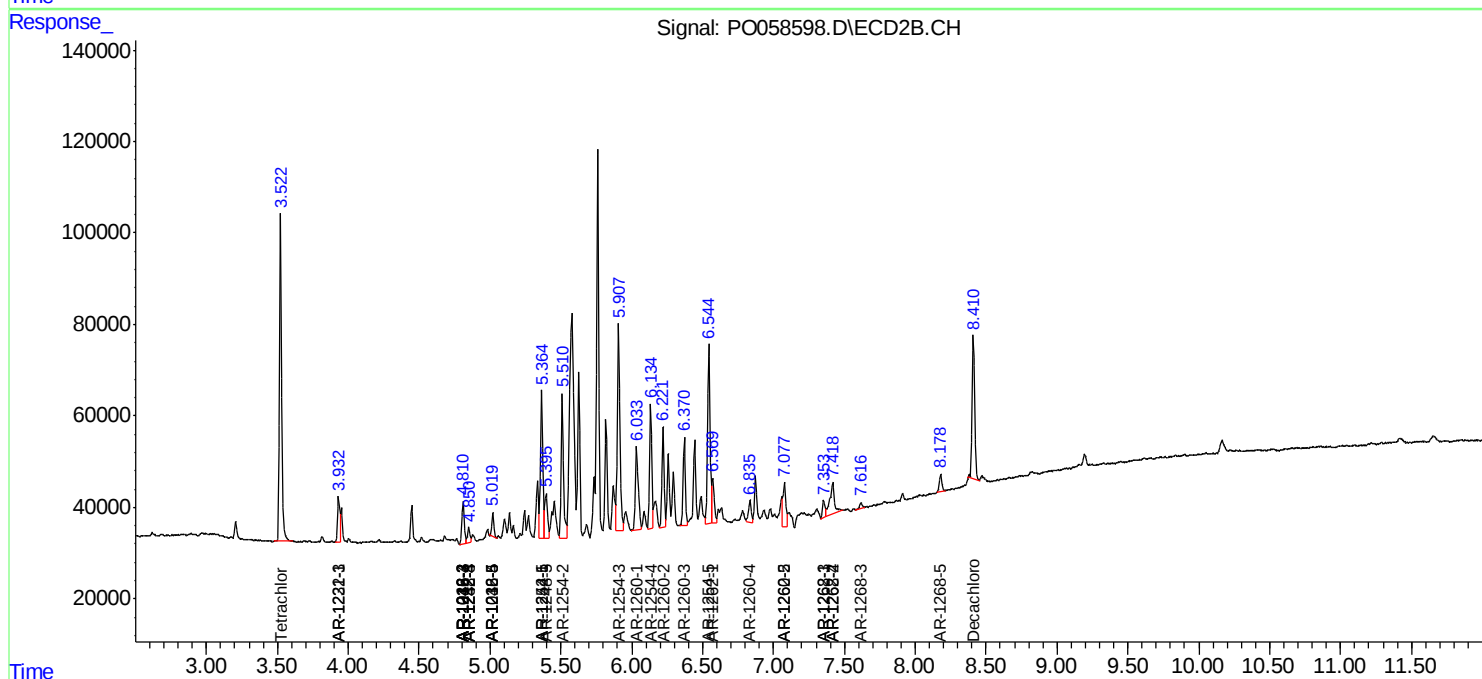
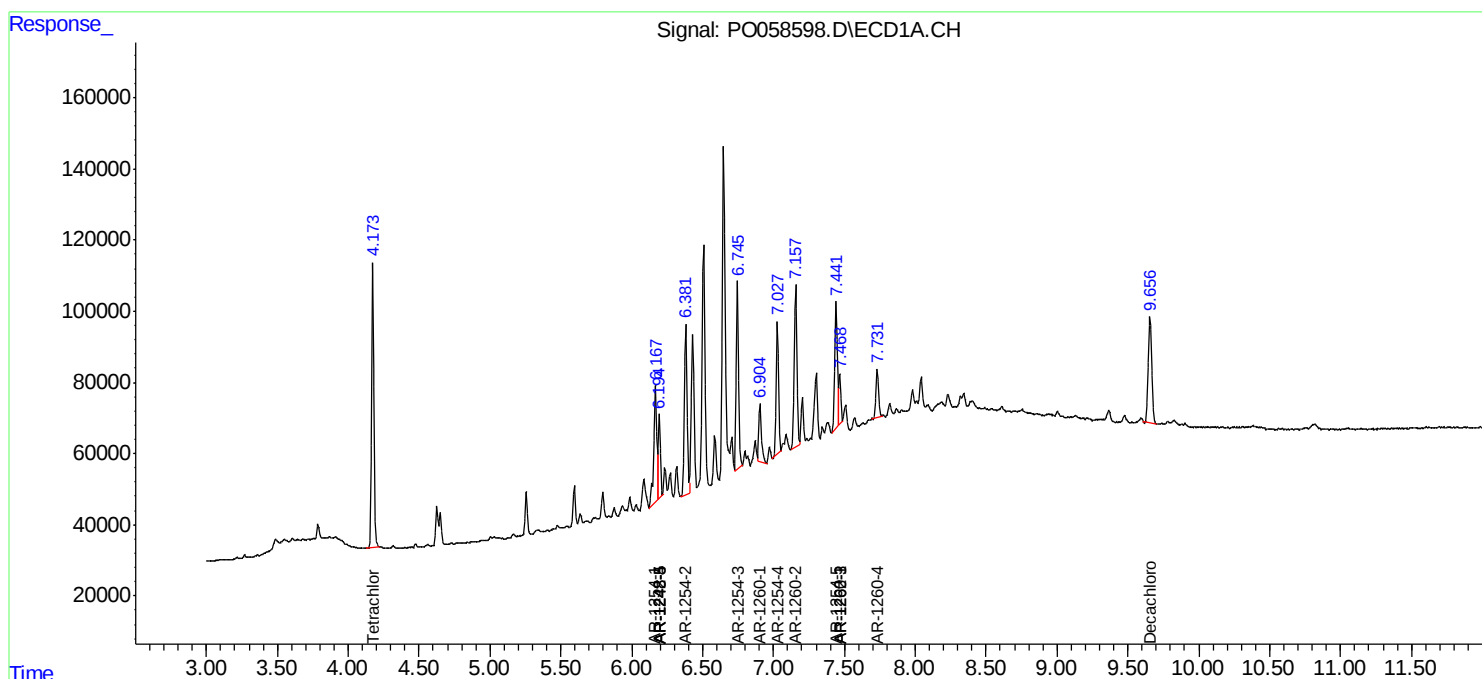
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

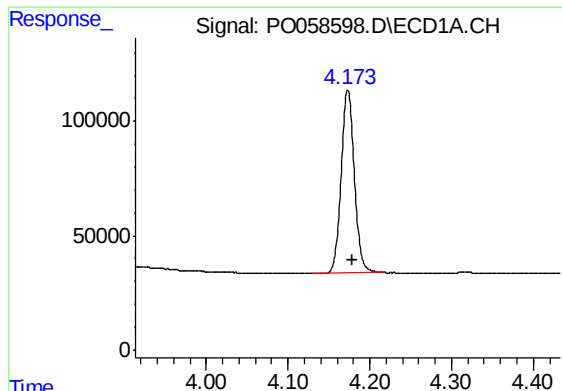
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO073119\  
Data File : PO058598.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Jul 2019 10:24  
Operator : SM/AJ  
Sample : K4046-07RE  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
S2-02-SRE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 12:17:00 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO072819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Jul 27 06:49:05 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

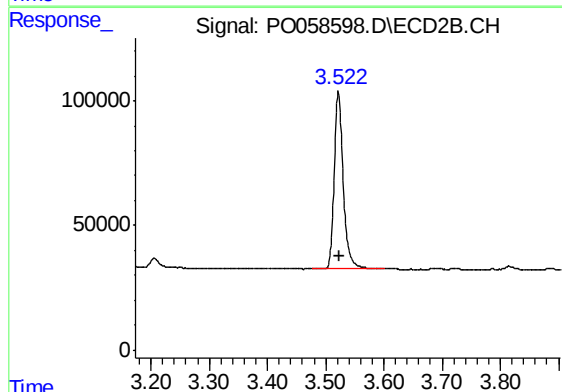




#1 Tetrachloro-m-xylene

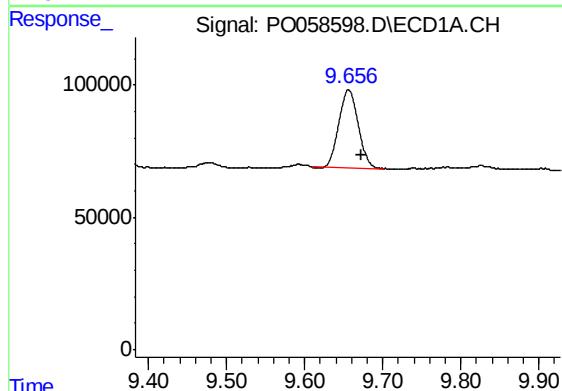
R.T.: 4.173 min  
Delta R.T.: -0.006 min  
Response: 899140  
Conc: 21.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



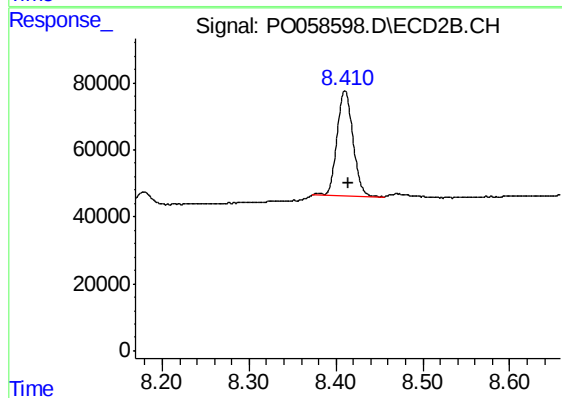
#1 Tetrachloro-m-xylene

R.T.: 3.522 min  
Delta R.T.: -0.003 min  
Response: 771607  
Conc: 19.31 ng/ml



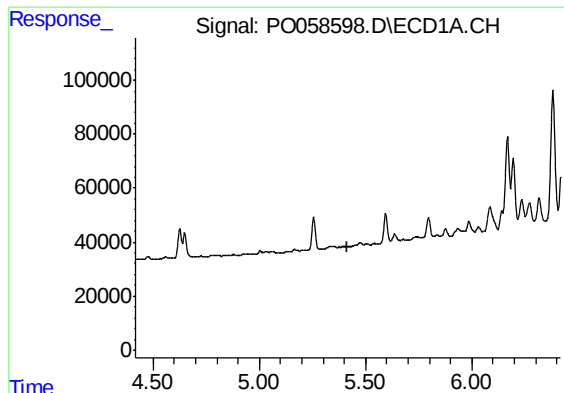
#2 Decachlorobiphenyl

R.T.: 9.656 min  
Delta R.T.: -0.016 min  
Response: 515450  
Conc: 9.52 ng/ml



#2 Decachlorobiphenyl

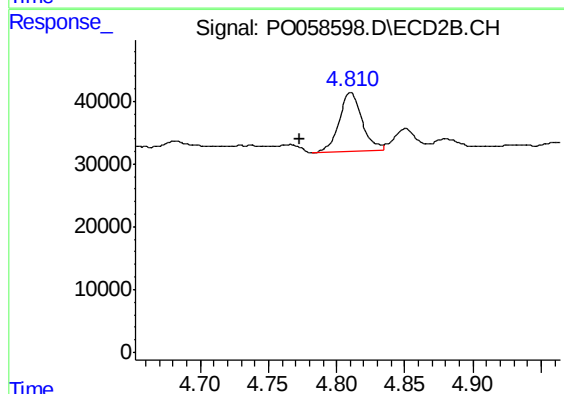
R.T.: 8.410 min  
Delta R.T.: -0.004 min  
Response: 396689  
Conc: 10.05 ng/ml



#5 AR-1016-3

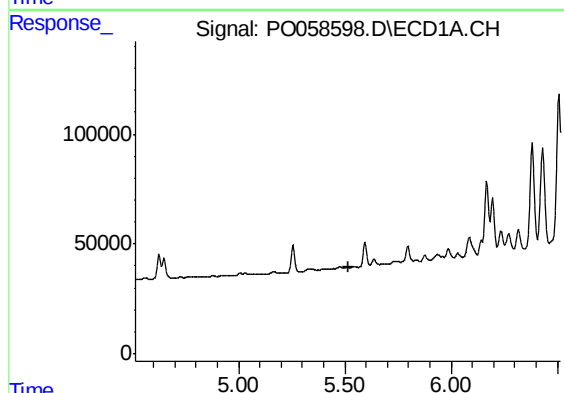
R.T.: 0.000 min  
Exp R.T. : 5.417 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



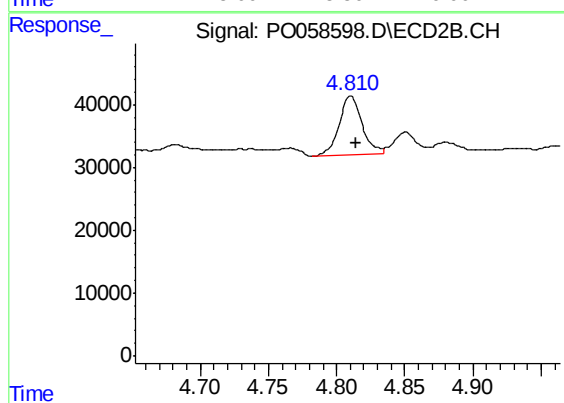
#5 AR-1016-3

R.T.: 4.810 min  
Delta R.T.: 0.037 min  
Response: 110851  
Conc: 97.60 ng/ml



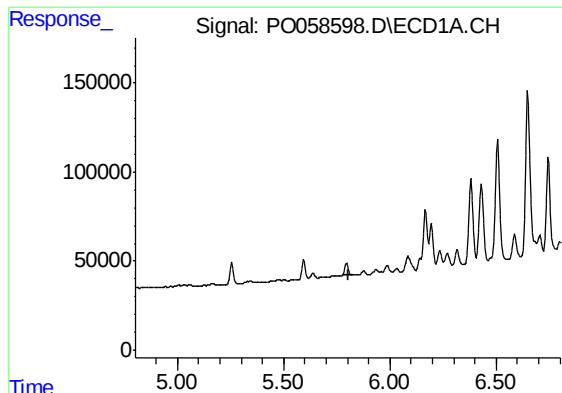
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.515 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

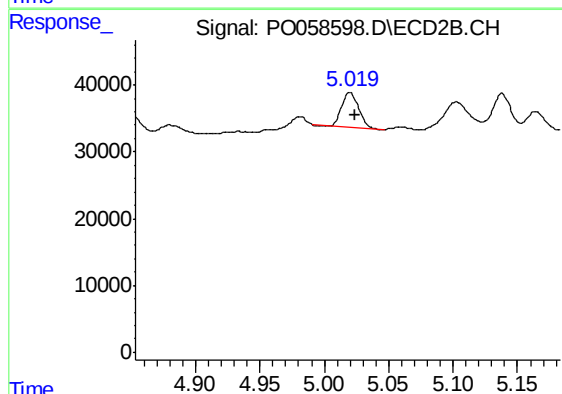
R.T.: 4.810 min  
Delta R.T.: -0.004 min  
Response: 110851  
Conc: 117.51 ng/ml



#7 AR-1016-5

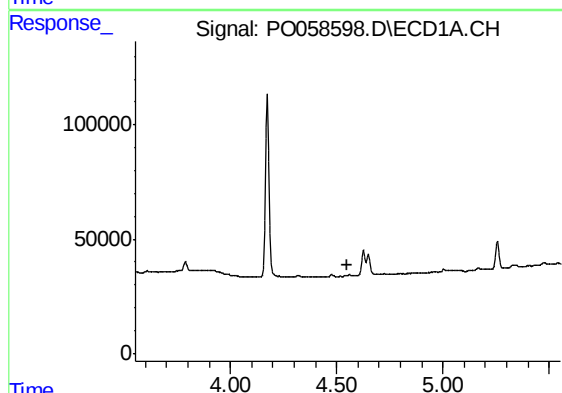
R.T.: 0.000 min  
Exp R.T.: 5.803 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



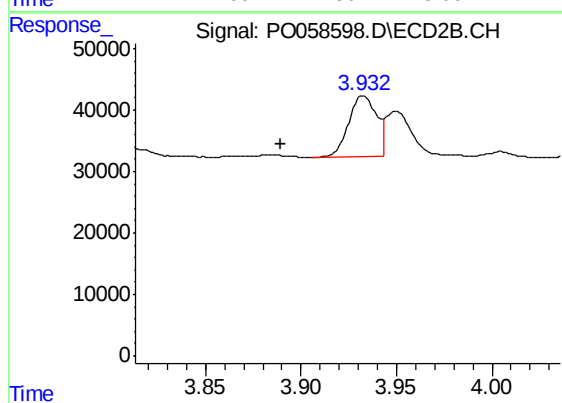
#7 AR-1016-5

R.T.: 5.020 min  
Delta R.T.: -0.004 min  
Response: 48574  
Conc: 39.45 ng/ml



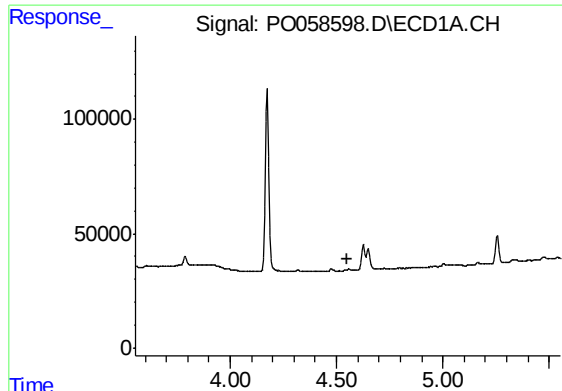
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 4.553 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

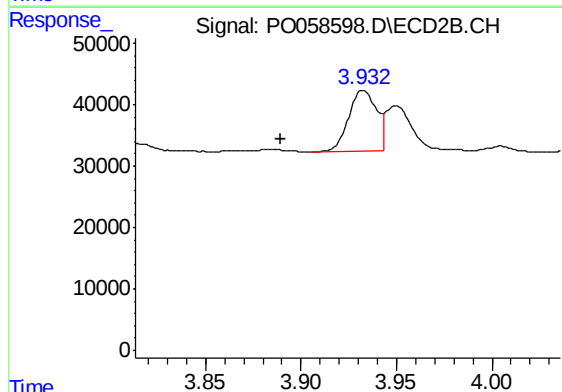
R.T.: 3.933 min  
Delta R.T.: 0.043 min  
Response: 99163  
Conc: 103.66 ng/ml



#11 AR-1232-1

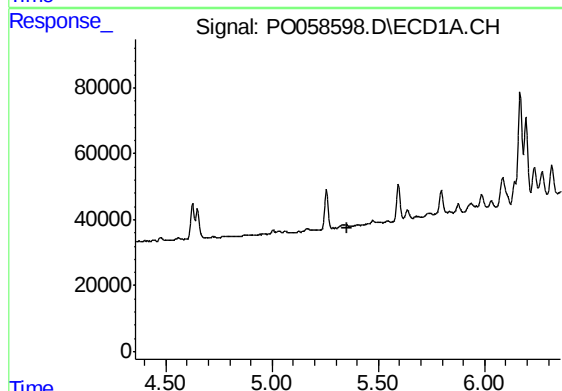
R.T.: 0.000 min  
Exp R.T. : 4.554 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



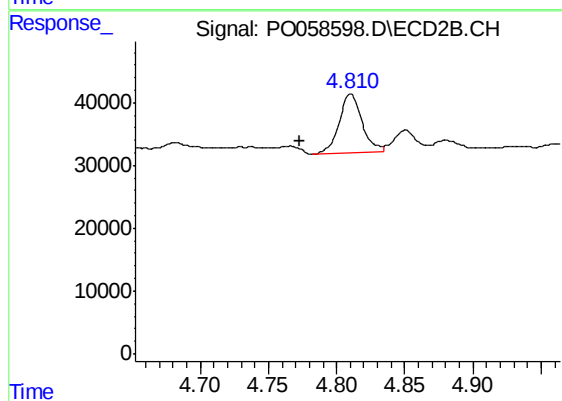
#11 AR-1232-1

R.T.: 3.933 min  
Delta R.T.: 0.043 min  
Response: 99163  
Conc: 126.23 ng/ml



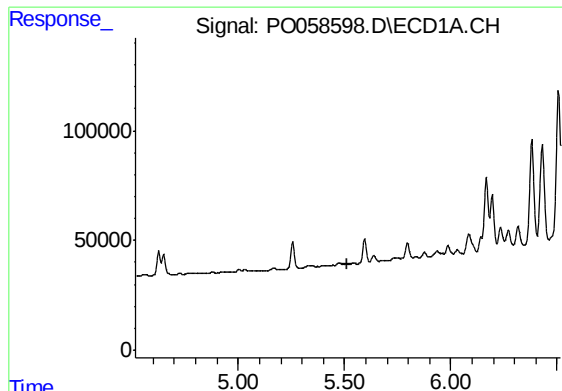
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.357 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

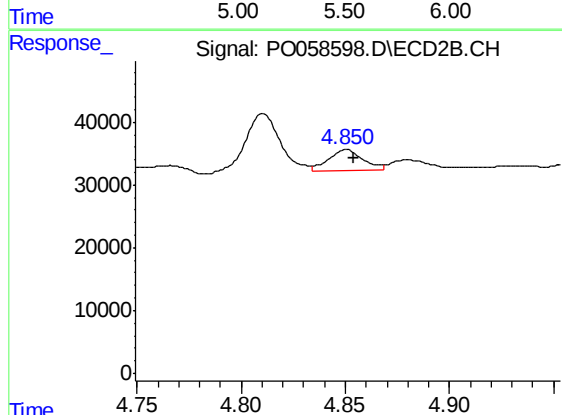
R.T.: 4.810 min  
Delta R.T.: 0.038 min  
Response: 110851  
Conc: 252.06 ng/ml



#14 AR-1232-4

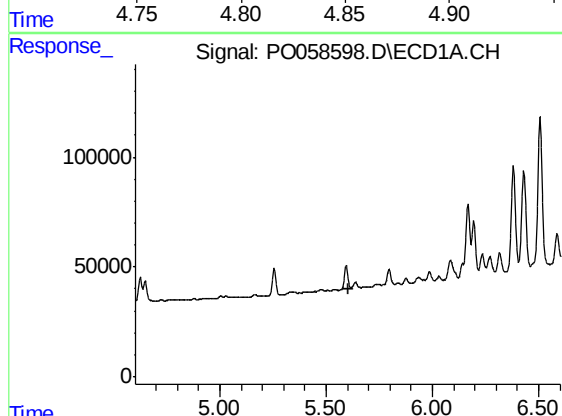
R.T.: 0.000 min  
Exp R.T. : 5.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



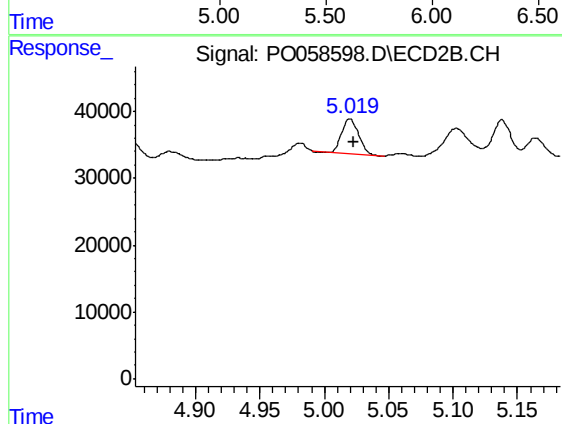
#14 AR-1232-4

R.T.: 4.851 min  
Delta R.T.: -0.004 min  
Response: 38081  
Conc: 96.34 ng/ml



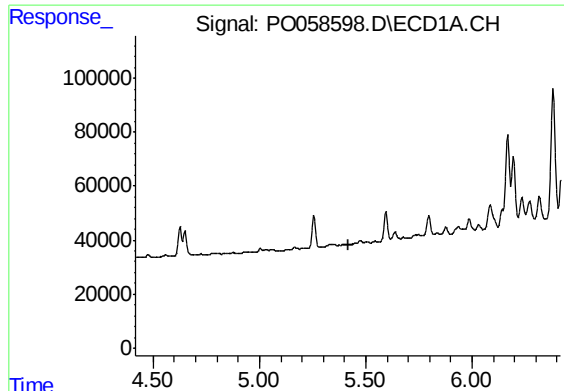
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.603 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

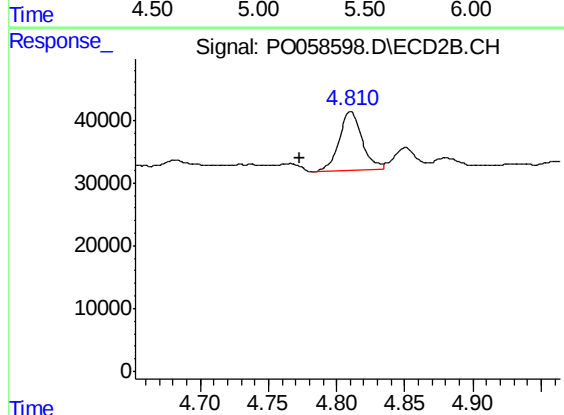
R.T.: 5.020 min  
Delta R.T.: -0.003 min  
Response: 48574  
Conc: 110.33 ng/ml



#18 AR-1242-3

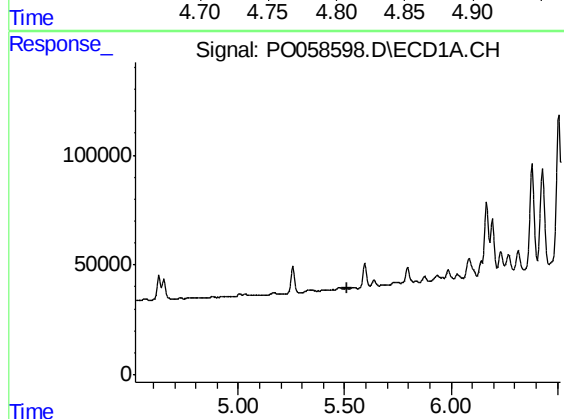
R.T.: 0.000 min  
Exp R.T.: 5.417 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



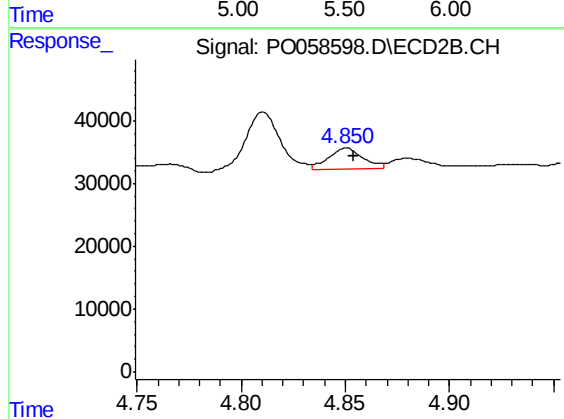
#18 AR-1242-3

R.T.: 4.810 min  
Delta R.T.: 0.038 min  
Response: 110851  
Conc: 136.12 ng/ml



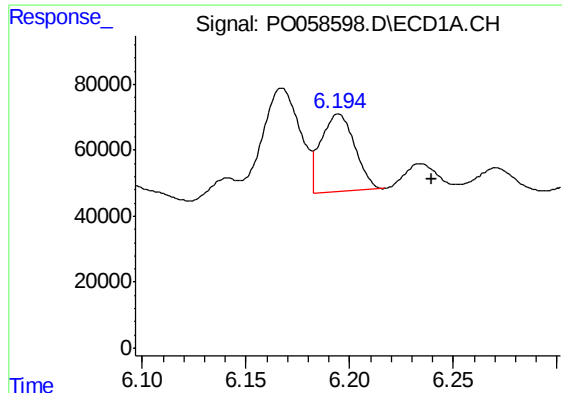
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.515 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

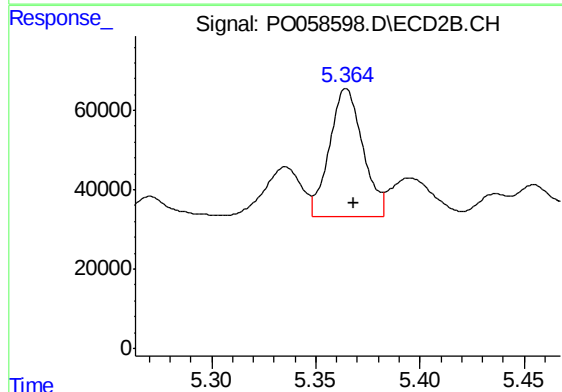
R.T.: 4.851 min  
Delta R.T.: -0.003 min  
Response: 38081  
Conc: 47.07 ng/ml



#20 AR-1242-5

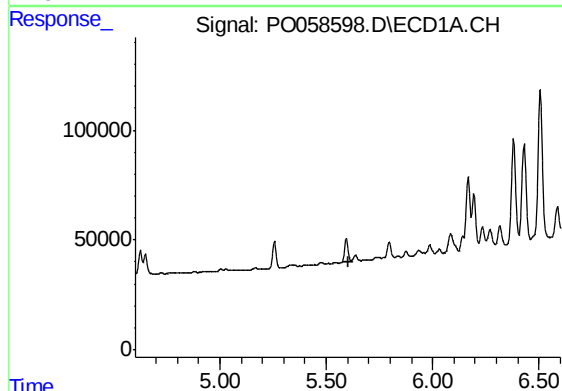
R.T.: 6.195 min  
Delta R.T.: -0.045 min  
Response: 269956  
Conc: 229.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



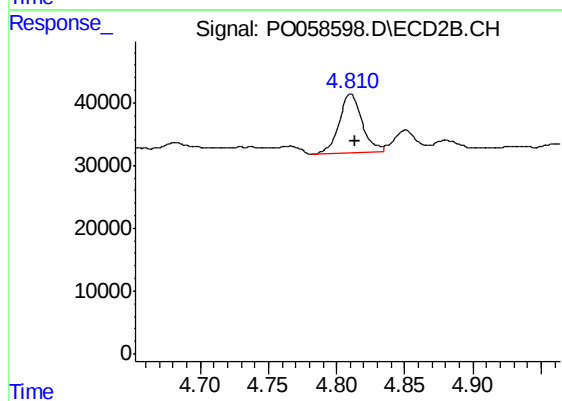
#20 AR-1242-5

R.T.: 5.365 min  
Delta R.T.: -0.004 min  
Response: 359436  
Conc: 335.08 ng/ml



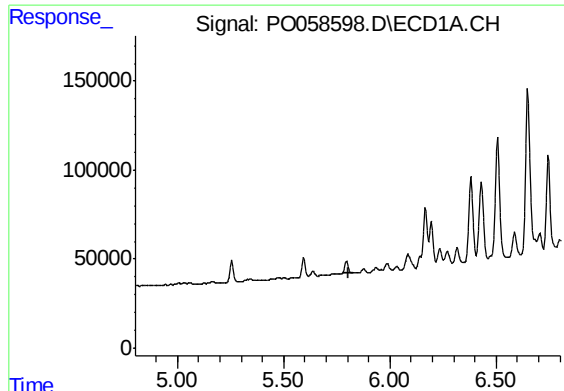
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.602 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

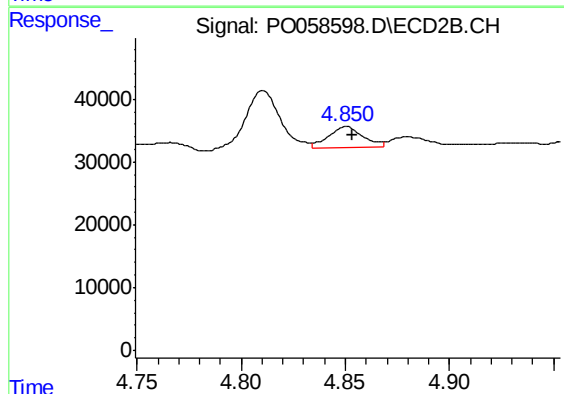
R.T.: 4.810 min  
Delta R.T.: -0.003 min  
Response: 110851  
Conc: 100.05 ng/ml



#23 AR-1248-3

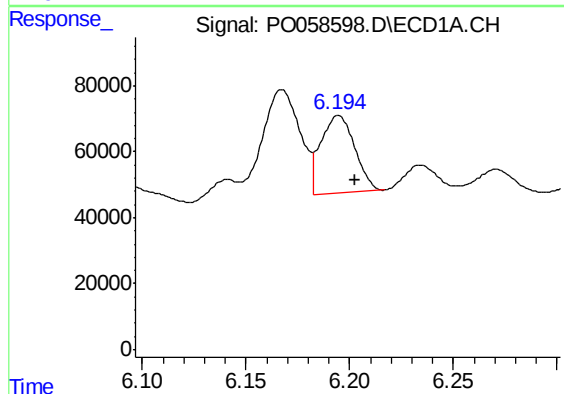
R.T.: 0.000 min  
Exp R.T.: 5.803 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



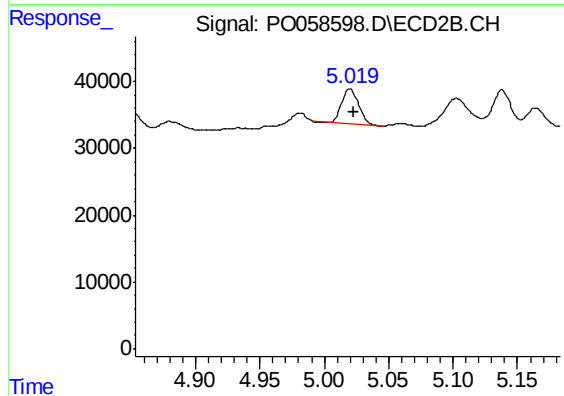
#23 AR-1248-3

R.T.: 4.851 min  
Delta R.T.: -0.003 min  
Response: 38081  
Conc: 33.46 ng/ml



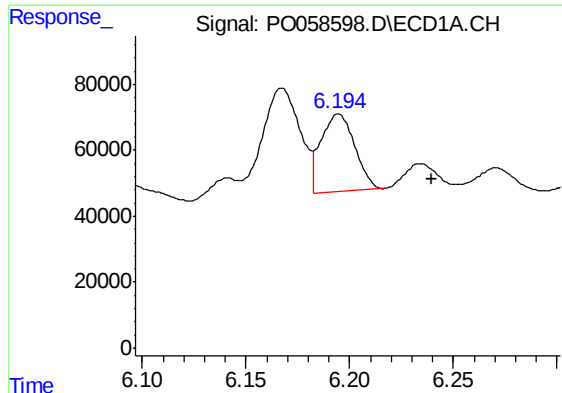
#24 AR-1248-4

R.T.: 6.195 min  
Delta R.T.: -0.008 min  
Response: 269956  
Conc: 133.30 ng/ml



#24 AR-1248-4

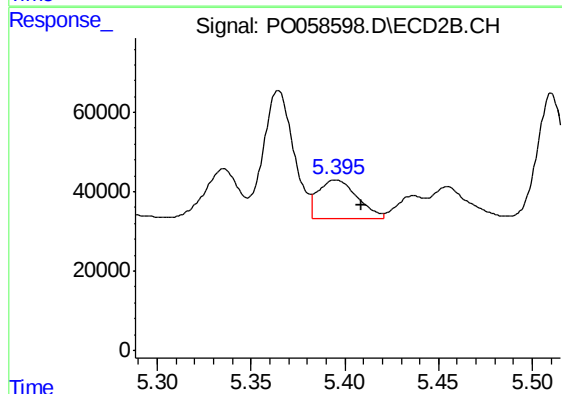
R.T.: 5.020 min  
Delta R.T.: -0.003 min  
Response: 48574  
Conc: 34.77 ng/ml



#25 AR-1248-5

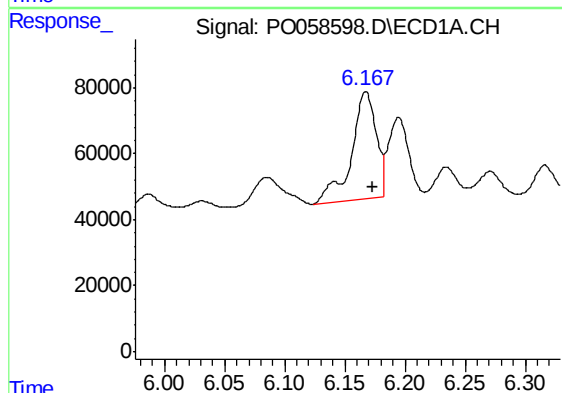
R.T.: 6.195 min  
Delta R.T.: -0.045 min  
Response: 269956  
Conc: 139.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



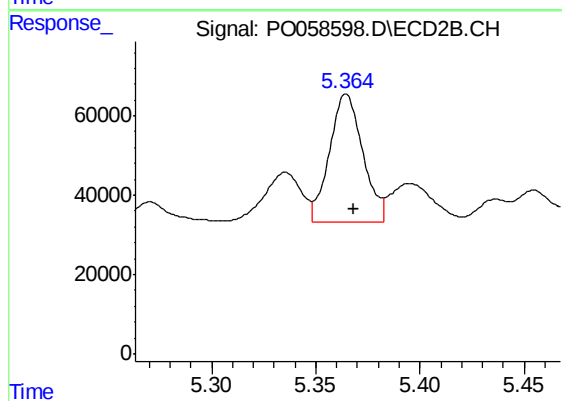
#25 AR-1248-5

R.T.: 5.395 min  
Delta R.T.: -0.013 min  
Response: 140230  
Conc: 101.23 ng/ml



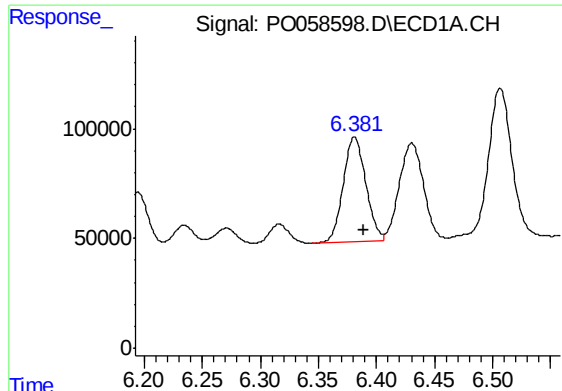
#26 AR-1254-1

R.T.: 6.167 min  
Delta R.T.: -0.006 min  
Response: 466799  
Conc: 197.69 ng/ml



#26 AR-1254-1

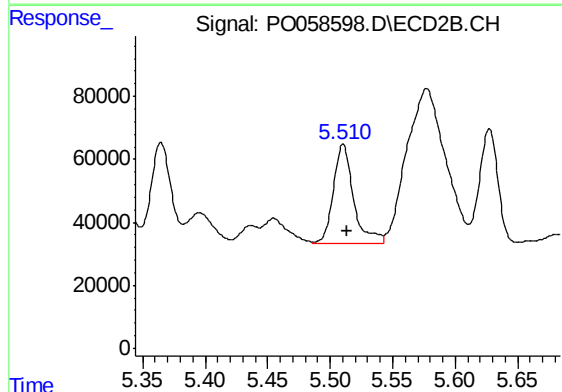
R.T.: 5.365 min  
Delta R.T.: -0.004 min  
Response: 359436  
Conc: 138.75 ng/ml



#27 AR-1254-2

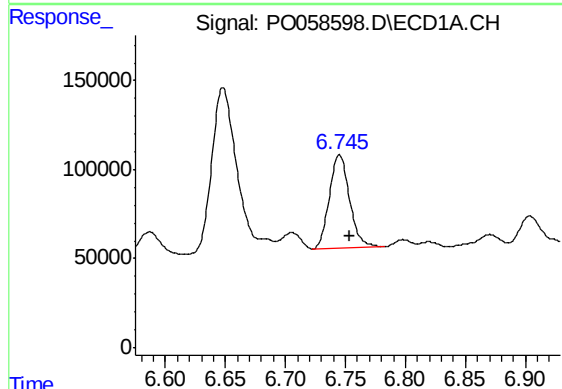
R.T.: 6.381 min  
Delta R.T.: -0.008 min  
Response: 646537  
Conc: 167.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



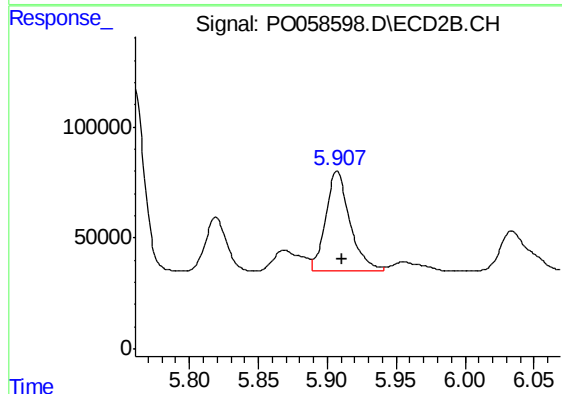
#27 AR-1254-2

R.T.: 5.510 min  
Delta R.T.: -0.003 min  
Response: 356522  
Conc: 155.73 ng/ml



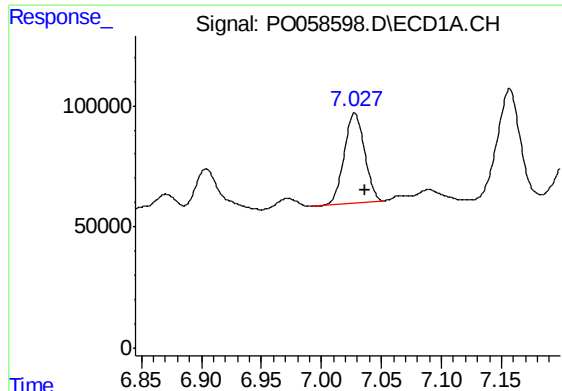
#28 AR-1254-3

R.T.: 6.745 min  
Delta R.T.: -0.009 min  
Response: 617913  
Conc: 152.58 ng/ml



#28 AR-1254-3

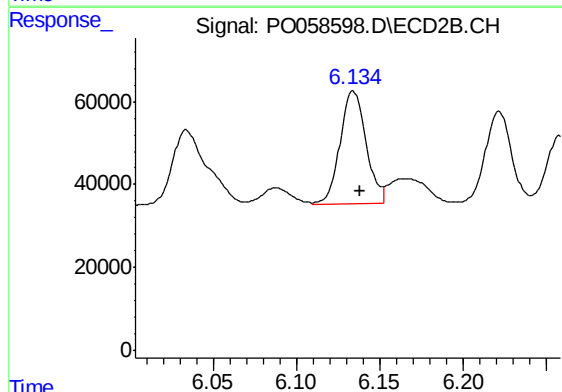
R.T.: 5.907 min  
Delta R.T.: -0.004 min  
Response: 551562  
Conc: 149.91 ng/ml



#29 AR-1254-4

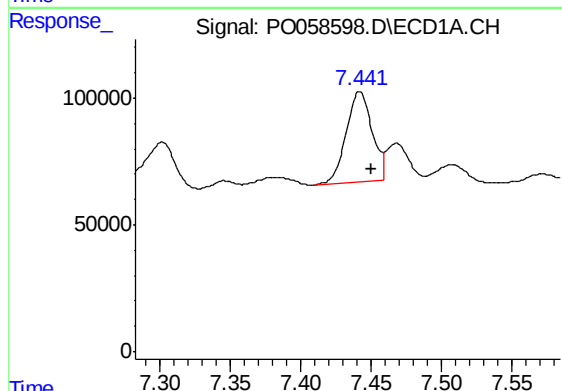
R.T.: 7.028 min  
Delta R.T.: -0.009 min  
Response: 438449  
Conc: 121.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



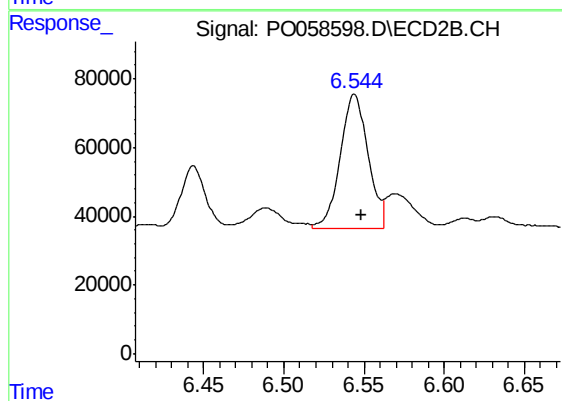
#29 AR-1254-4

R.T.: 6.134 min  
Delta R.T.: -0.004 min  
Response: 297321  
Conc: 127.87 ng/ml



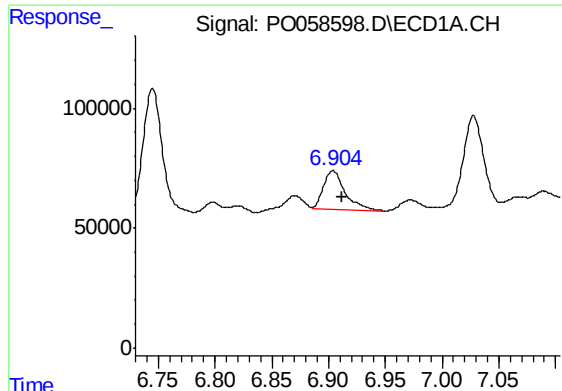
#30 AR-1254-5

R.T.: 7.442 min  
Delta R.T.: -0.009 min  
Response: 451816  
Conc: 124.65 ng/ml



#30 AR-1254-5

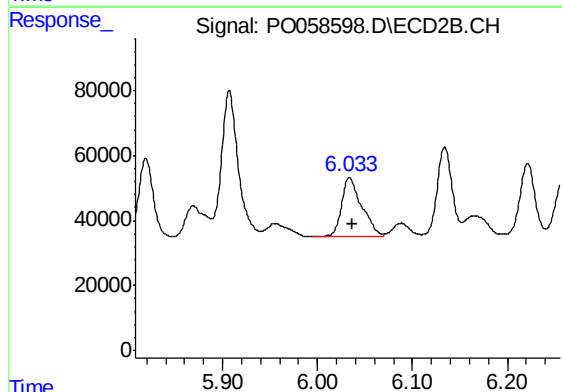
R.T.: 6.544 min  
Delta R.T.: -0.004 min  
Response: 470752  
Conc: 136.47 ng/ml



#31 AR-1260-1

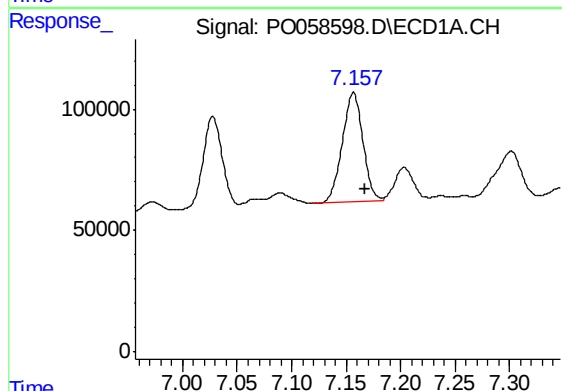
R.T.: 6.904 min  
Delta R.T.: -0.008 min  
Response: 214984  
Conc: 74.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



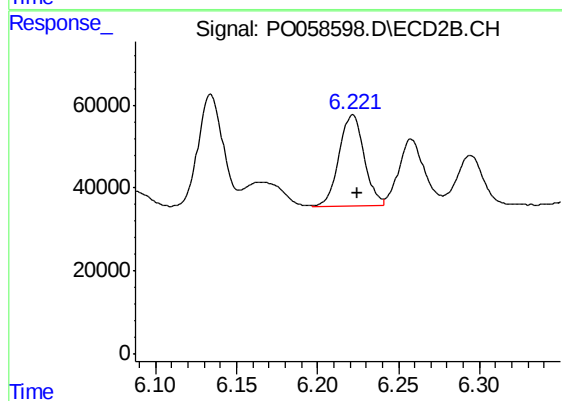
#31 AR-1260-1

R.T.: 6.034 min  
Delta R.T.: -0.003 min  
Response: 266757  
Conc: 112.08 ng/ml



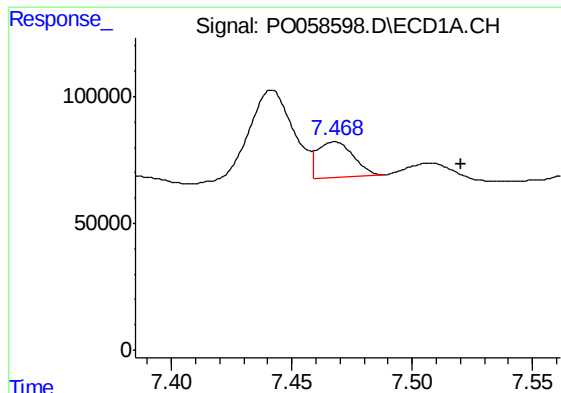
#32 AR-1260-2

R.T.: 7.157 min  
Delta R.T.: -0.011 min  
Response: 591137  
Conc: 142.10 ng/ml



#32 AR-1260-2

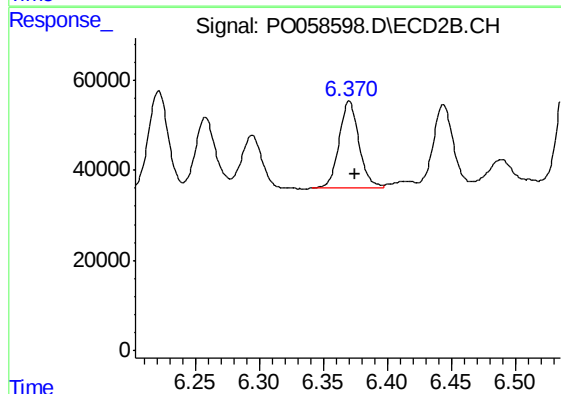
R.T.: 6.221 min  
Delta R.T.: -0.003 min  
Response: 239461  
Conc: 79.05 ng/ml



#33 AR-1260-3

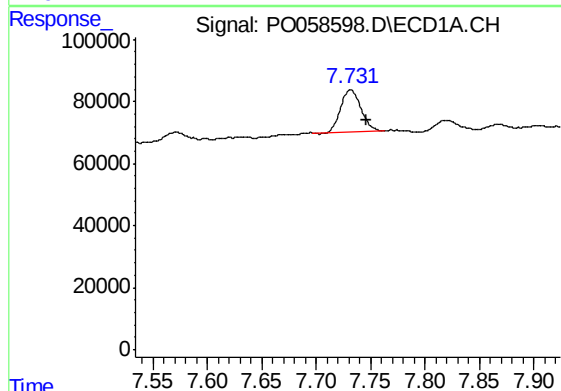
R.T.: 7.468 min  
Delta R.T.: -0.053 min  
Response: 145730  
Conc: 39.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



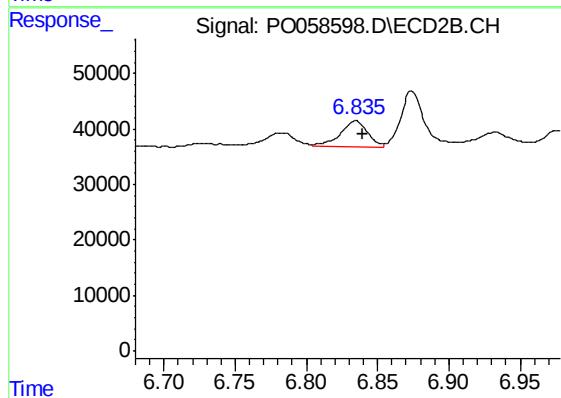
#33 AR-1260-3

R.T.: 6.370 min  
Delta R.T.: -0.004 min  
Response: 207768  
Conc: 76.96 ng/ml



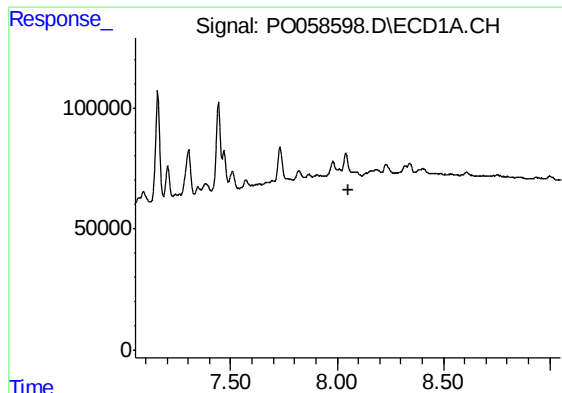
#34 AR-1260-4

R.T.: 7.731 min  
Delta R.T.: -0.015 min  
Response: 176140  
Conc: 51.69 ng/ml



#34 AR-1260-4

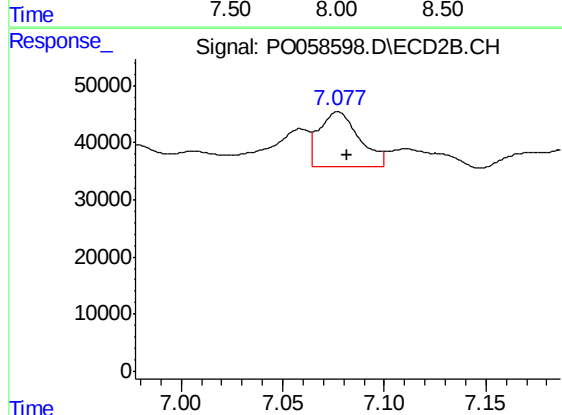
R.T.: 6.835 min  
Delta R.T.: -0.004 min  
Response: 62214  
Conc: 27.53 ng/ml



#35 AR-1260-5

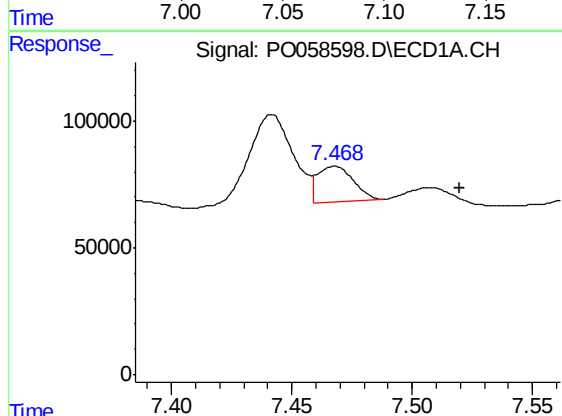
R.T.: 0.000 min  
Exp R.T.: 8.051 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



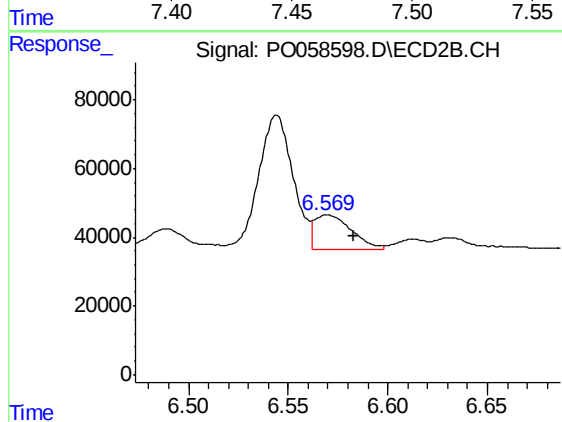
#35 AR-1260-5

R.T.: 7.077 min  
Delta R.T.: -0.005 min  
Response: 130697  
Conc: 24.27 ng/ml



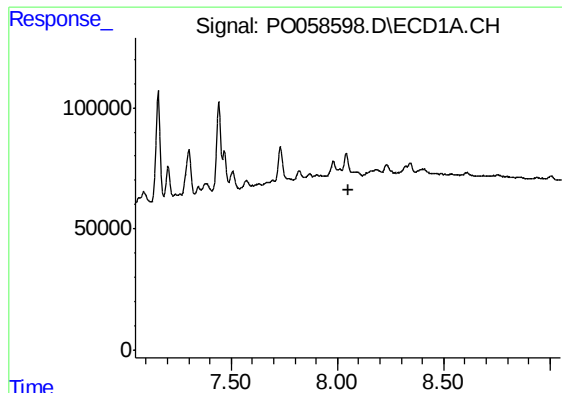
#36 AR-1262-1

R.T.: 7.468 min  
Delta R.T.: -0.052 min  
Response: 145730  
Conc: 28.91 ng/ml



#36 AR-1262-1

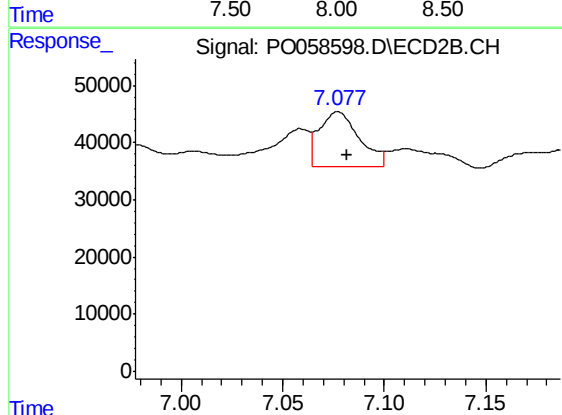
R.T.: 6.570 min  
Delta R.T.: -0.013 min  
Response: 125817  
Conc: 35.23 ng/ml



#37 AR-1262-2

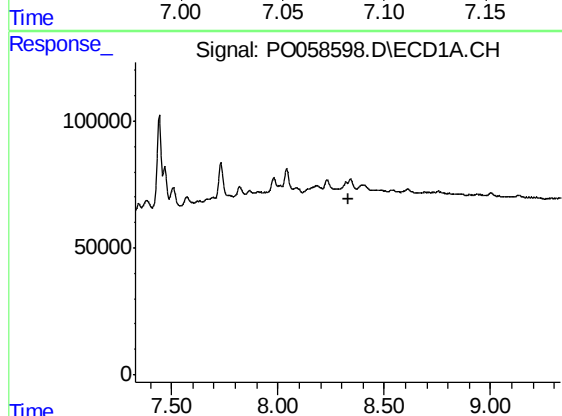
R.T.: 0.000 min  
Exp R.T. : 8.050 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



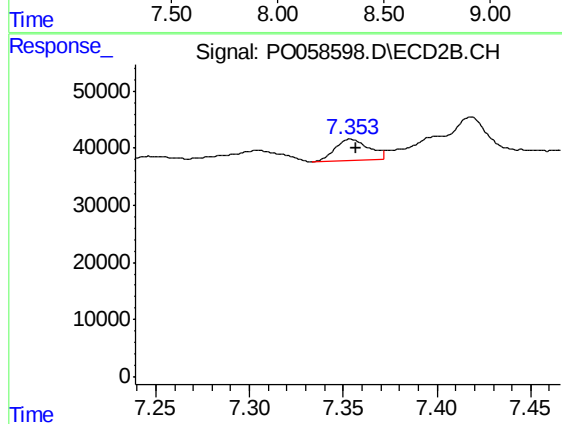
#37 AR-1262-2

R.T.: 7.077 min  
Delta R.T.: -0.004 min  
Response: 130697  
Conc: 23.15 ng/ml



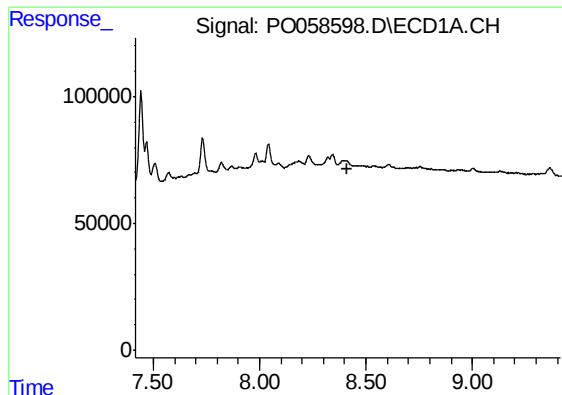
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.330 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

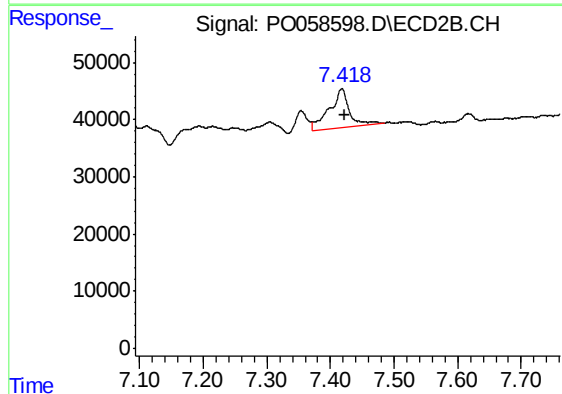
R.T.: 7.354 min  
Delta R.T.: -0.003 min  
Response: 47401  
Conc: 19.21 ng/ml



#39 AR-1262-4

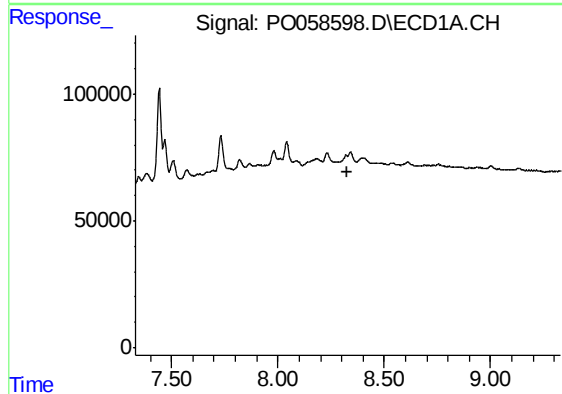
R.T.: 0.000 min  
Exp R.T. : 8.415 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



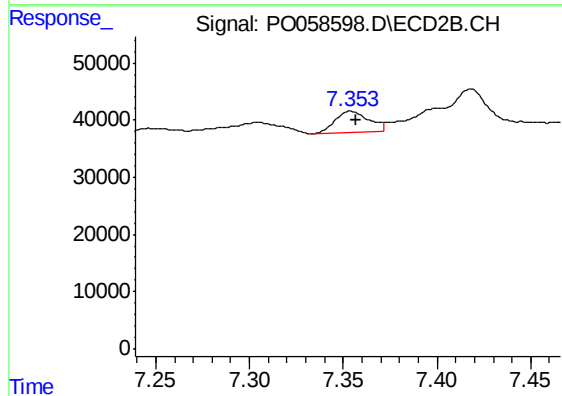
#39 AR-1262-4

R.T.: 7.418 min  
Delta R.T.: -0.004 min  
Response: 152474  
Conc: 35.91 ng/ml



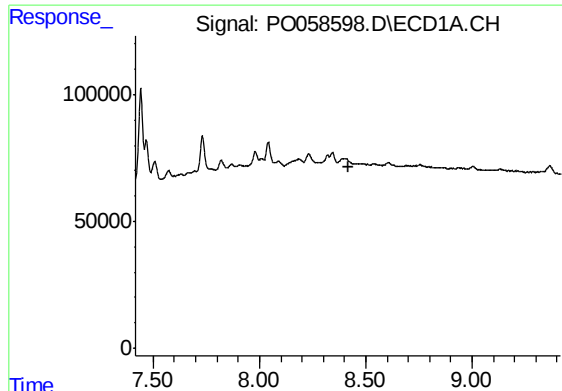
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.330 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

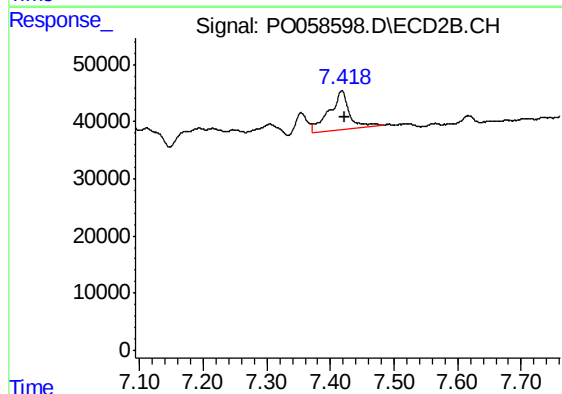
R.T.: 7.354 min  
Delta R.T.: -0.003 min  
Response: 47401  
Conc: 5.82 ng/ml



#42 AR-1268-2

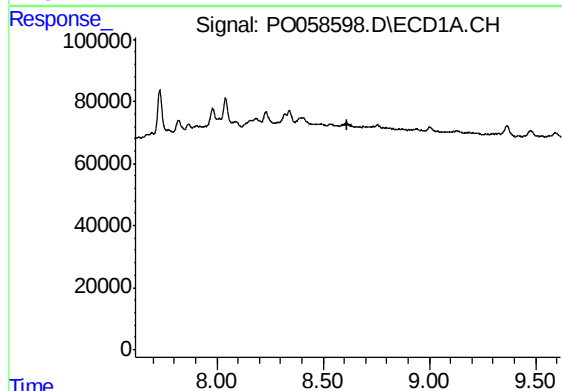
R.T.: 0.000 min  
Exp R.T. : 8.417 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



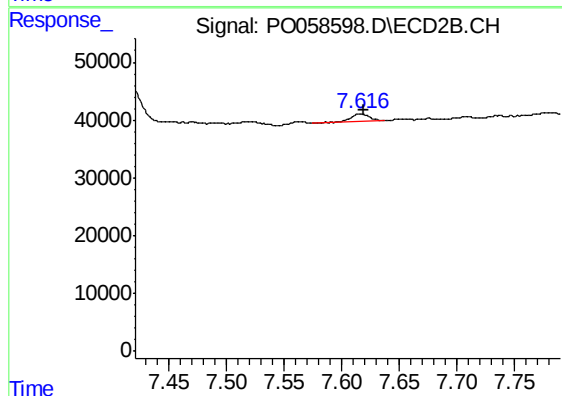
#42 AR-1268-2

R.T.: 7.418 min  
Delta R.T.: -0.004 min  
Response: 152474  
Conc: 20.12 ng/ml



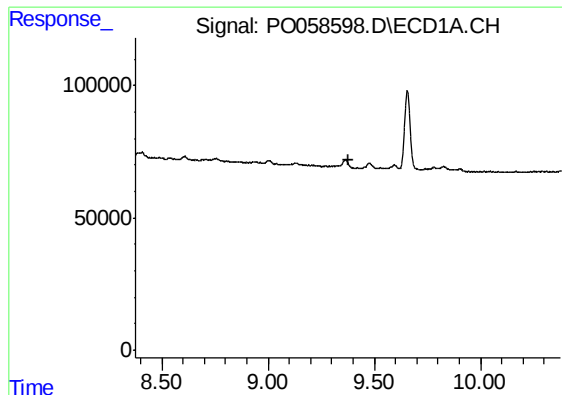
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.617 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

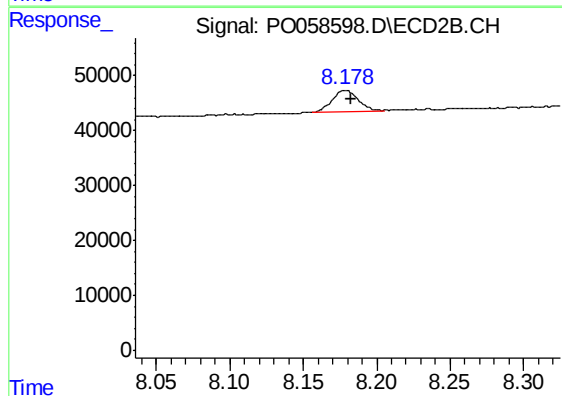
R.T.: 7.617 min  
Delta R.T.: -0.003 min  
Response: 14977  
Conc: 2.34 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.377 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S2-02-SRE



#45 AR-1268-5

R.T.: 8.179 min  
Delta R.T.: -0.004 min  
Response: 47094  
Conc: 2.75 ng/ml