

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0060719\  
 Data File : P0057003.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 08 Jun 2019 1:18  
 Operator : SM/SJ  
 Sample : K3204-02  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 COMP-2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 08 04:07:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0052319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri May 24 00:11:05 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... | 0.000 | 3.564 | 0      | 231028  | N.D.     | 7.005 #   |
| 2)                          | SA Decachlor... | 0.000 | 8.494 | 0      | 131194  | N.D.     | 3.679 #   |
| Target Compounds            |                 |       |       |        |         |          |           |
| 3)                          | L1 AR-1016-1    | 5.481 | 4.680 | 562096 | 38106   | 312.515  | 30.280 #  |
| 4)                          | L1 AR-1016-2    | 5.481 | 4.680 | 562096 | 38106   | 223.847  | 21.151 #  |
| 5)                          | L1 AR-1016-3    | 5.481 | 4.818 | 562096 | 22041   | 349.715  | 22.355 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.862 | 0      | 148960  | N.D.     | 179.938 # |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.028 | 0      | 36029   | N.D.     | 33.586 #  |
| 8)                          | L2 AR-1221-1    | 4.420 | 3.834 | 757727 | 41796   | 1199.448 | 82.413 #  |
| 9)                          | L2 AR-1221-2    | 0.000 | 3.889 | 0      | 53383   | N.D.     | 141.650 # |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.958 | 0      | 416892  | N.D.     | 348.266 # |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.958 | 0      | 416892  | N.D.     | 464.058 # |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.680 | 0      | 38106   | N.D.     | 39.209 #  |
| 13)                         | L3 AR-1232-3    | 5.481 | 4.818 | 562096 | 22041   | 396.219  | 42.120 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.935 | 0      | 83869   | N.D.     | 170.227 # |
| 15)                         | L3 AR-1232-5    | 5.730 | 5.028 | 401230 | 36029   | 709.653  | 63.965 #  |
| 16)                         | L4 AR-1242-1    | 5.481 | 4.680 | 562096 | 38106   | 325.816  | 30.766 #  |
| 17)                         | L4 AR-1242-2    | 5.481 | 4.680 | 562096 | 38106   | 221.405  | 21.189 #  |
| 18)                         | L4 AR-1242-3    | 5.481 | 4.818 | 562096 | 22041   | 345.689  | 22.420 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.935 | 0      | 83869   | N.D.     | 86.187 #  |
| 21)                         | L5 AR-1248-1    | 5.481 | 4.680 | 562096 | 38106   | 436.236  | 40.689 #  |
| 22)                         | L5 AR-1248-2    | 5.730 | 4.862 | 401230 | 148960  | 215.380  | 117.250 # |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.935 | 0      | 83869   | N.D.     | 64.223 #  |
| 24)                         | L5 AR-1248-4    | 0.000 | 5.028 | 0      | 36029   | N.D.     | 22.751 #  |
| 27)                         | L6 AR-1254-2    | 6.419 | 0.000 | 432789 | 0       | 111.426  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 0.000 | 5.965 | 0      | 95327   | N.D.     | 26.038 #  |
| 29)                         | L6 AR-1254-4    | 0.000 | 6.217 | 0      | 99948   | N.D.     | 45.494 #  |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.577 | 0      | 18586   | N.D.     | 5.863 #   |
| 31)                         | L7 AR-1260-1    | 0.000 | 6.127 | 0      | 79841   | N.D.     | 39.913 #  |
| 32)                         | L7 AR-1260-2    | 0.000 | 6.317 | 0      | 31575   | N.D.     | 12.809 #  |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.437 | 0      | 38186   | N.D.     | 17.023 #  |
| 35)                         | L7 AR-1260-5    | 0.000 | 7.144 | 0      | 28556   | N.D.     | 6.622 #   |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.700 | 0      | 2379514 | N.D.     | 570.073 # |
| 37)                         | L8 AR-1262-2    | 0.000 | 7.144 | 0      | 28556   | N.D.     | 4.156 #   |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.465 | 0      | 40377   | N.D.     | 13.671 #  |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.465 | 0      | 40377   | N.D.     | 7.749 #   |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.465 | 0      | 40377   | N.D.     | 5.409 #   |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.465 | 0      | 40377   | N.D.     | 5.782 #   |
| 45)                         | L9 AR-1268-5    | 0.000 | 8.247 | 0      | 23192   | N.D.     | 1.340 #   |
| -----                       |                 |       |       |        |         |          |           |

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

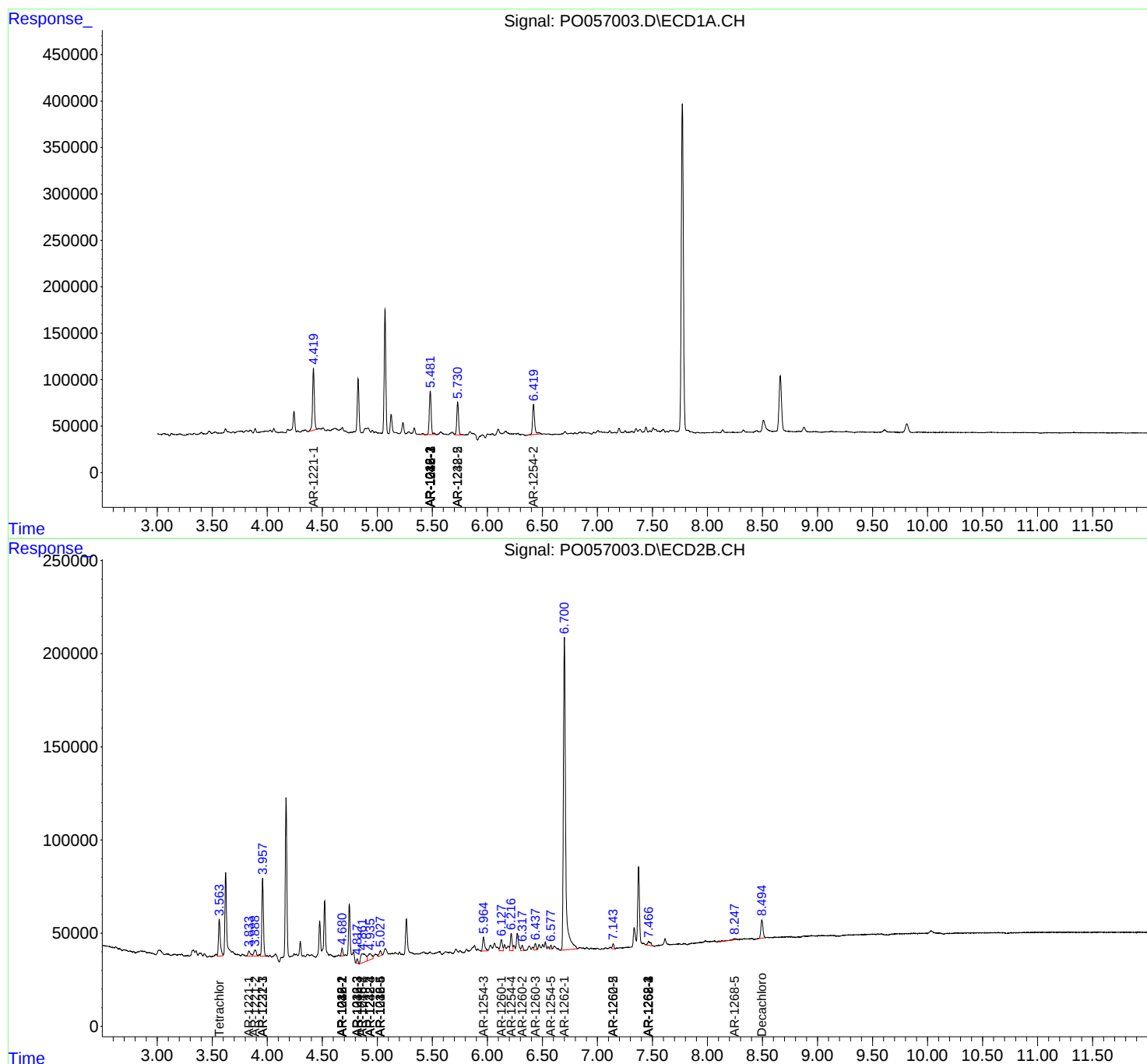
Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2

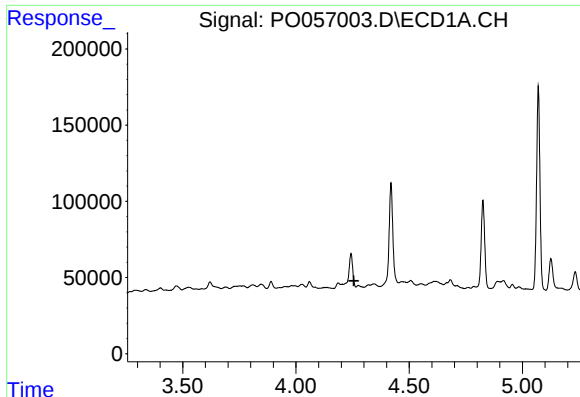
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO060719\  
Data File : PO057003.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 08 Jun 2019 1:18  
Operator : SM/SJ  
Sample : K3204-02  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 08 04:07:20 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO052319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri May 24 00:11:05 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

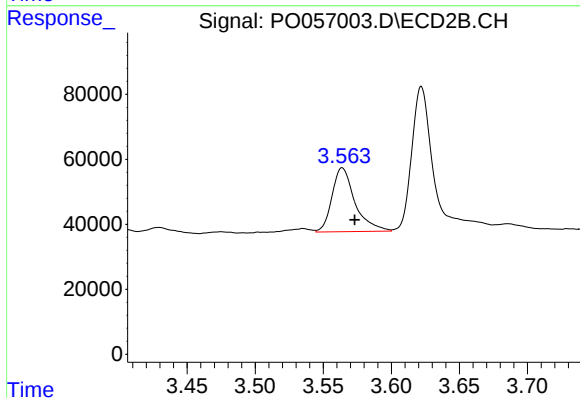




#1 Tetrachloro-m-xylene

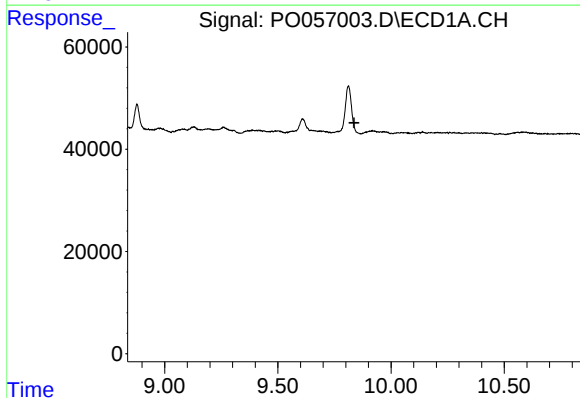
R.T.: 0.000 min  
Exp R.T.: 4.256 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



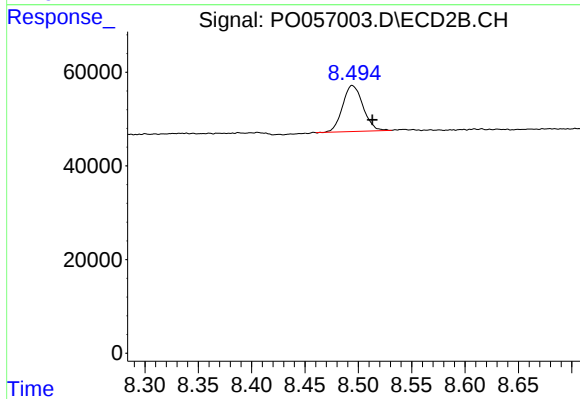
#1 Tetrachloro-m-xylene

R.T.: 3.564 min  
Delta R.T.: -0.009 min  
Response: 231028  
Conc: 7.01 ng/ml



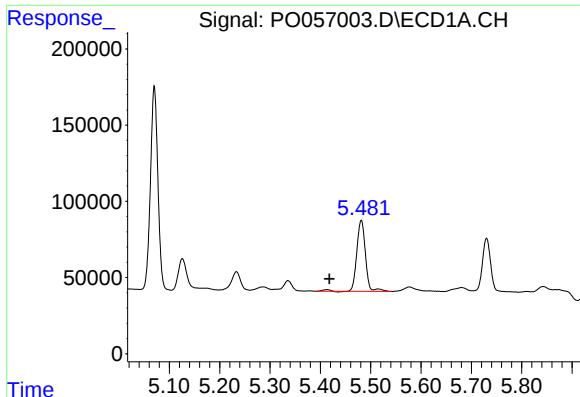
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T.: 9.836 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

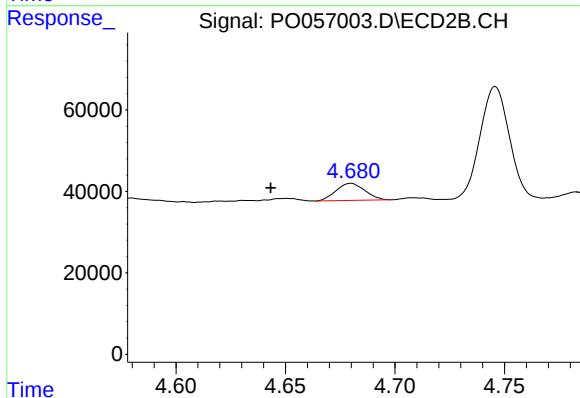
R.T.: 8.494 min  
Delta R.T.: -0.019 min  
Response: 131194  
Conc: 3.68 ng/ml



#3 AR-1016-1

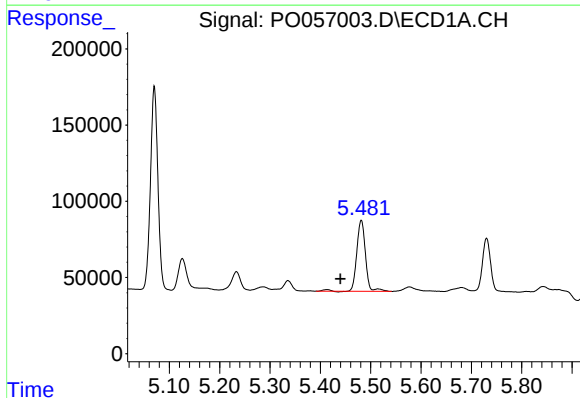
R.T.: 5.481 min  
Delta R.T.: 0.063 min  
Response: 562096  
Conc: 312.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



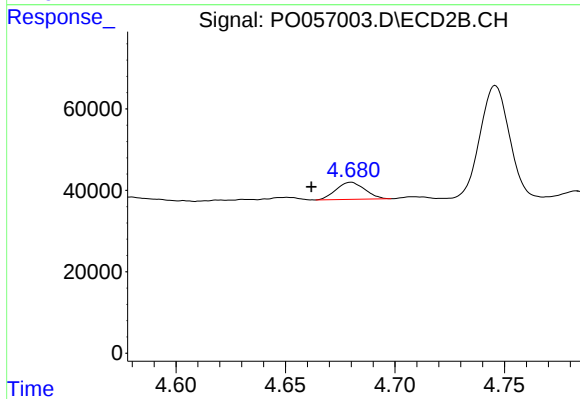
#3 AR-1016-1

R.T.: 4.680 min  
Delta R.T.: 0.037 min  
Response: 38106  
Conc: 30.28 ng/ml



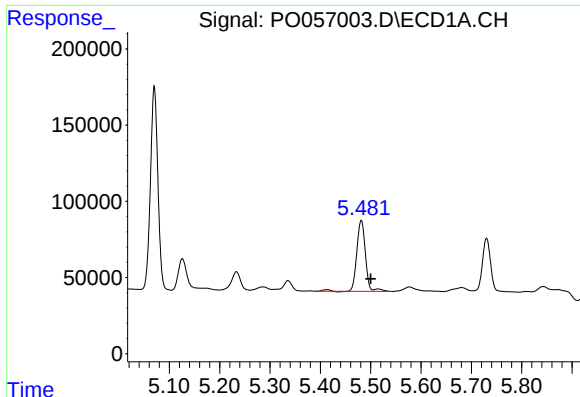
#4 AR-1016-2

R.T.: 5.481 min  
Delta R.T.: 0.042 min  
Response: 562096  
Conc: 223.85 ng/ml



#4 AR-1016-2

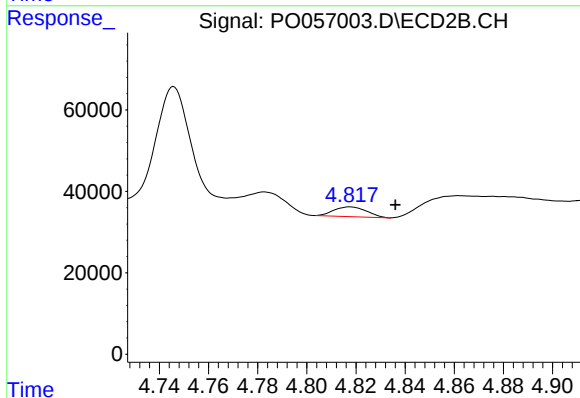
R.T.: 4.680 min  
Delta R.T.: 0.018 min  
Response: 38106  
Conc: 21.15 ng/ml



#5 AR-1016-3

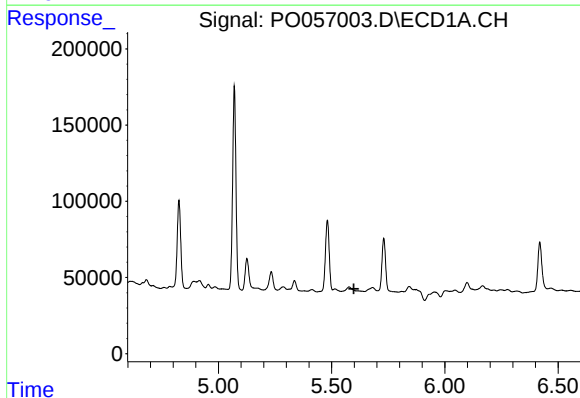
R.T.: 5.481 min  
Delta R.T.: -0.019 min  
Response: 562096  
Conc: 349.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



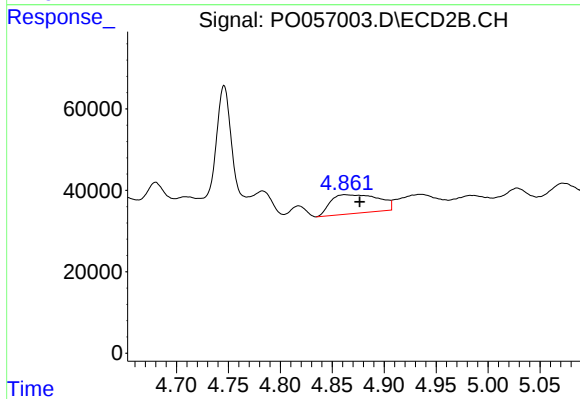
#5 AR-1016-3

R.T.: 4.818 min  
Delta R.T.: -0.018 min  
Response: 22041  
Conc: 22.36 ng/ml



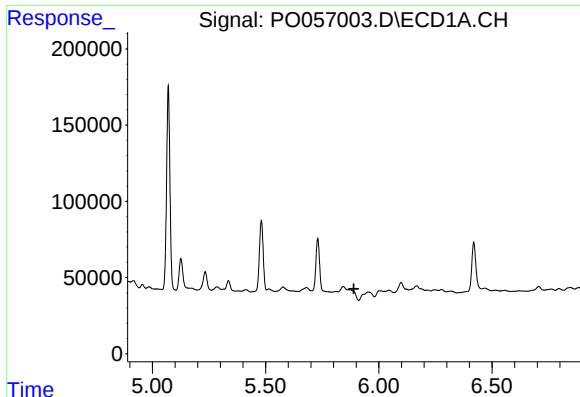
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.599 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

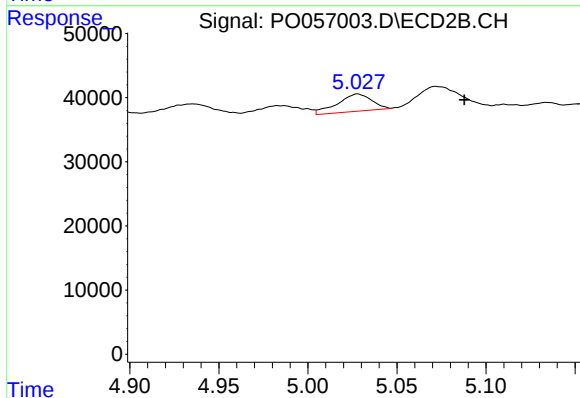
R.T.: 4.862 min  
Delta R.T.: -0.014 min  
Response: 148960  
Conc: 179.94 ng/ml



#7 AR-1016-5

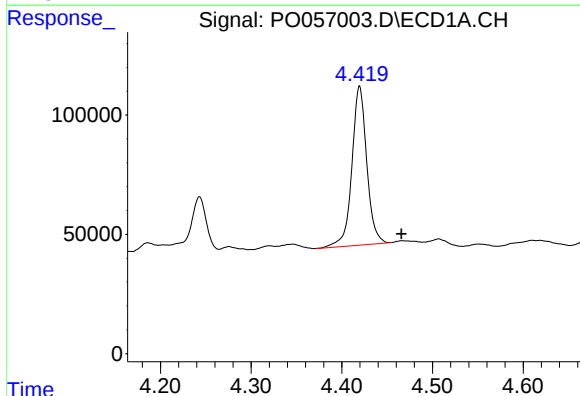
R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



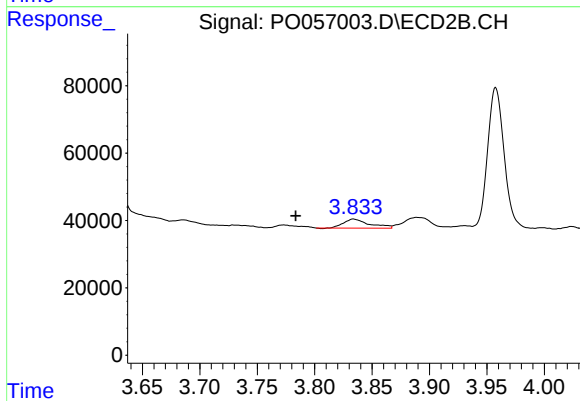
#7 AR-1016-5

R.T.: 5.028 min  
Delta R.T.: -0.060 min  
Response: 36029  
Conc: 33.59 ng/ml



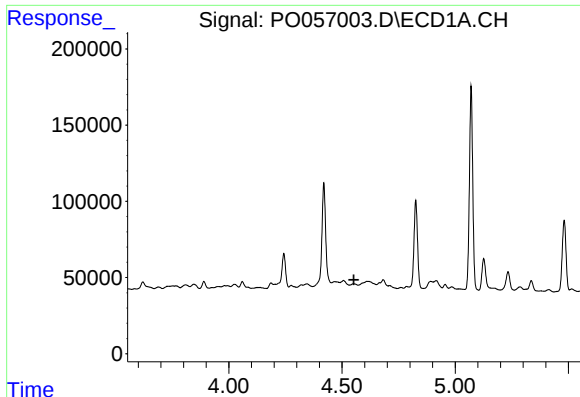
#8 AR-1221-1

R.T.: 4.420 min  
Delta R.T.: -0.046 min  
Response: 757727  
Conc: 1199.45 ng/ml



#8 AR-1221-1

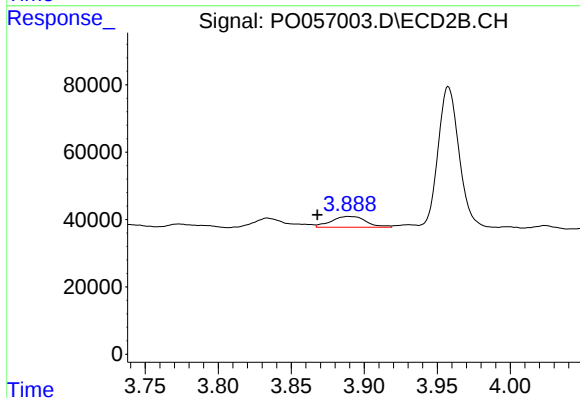
R.T.: 3.834 min  
Delta R.T.: 0.050 min  
Response: 41796  
Conc: 82.41 ng/ml



#9 AR-1221-2

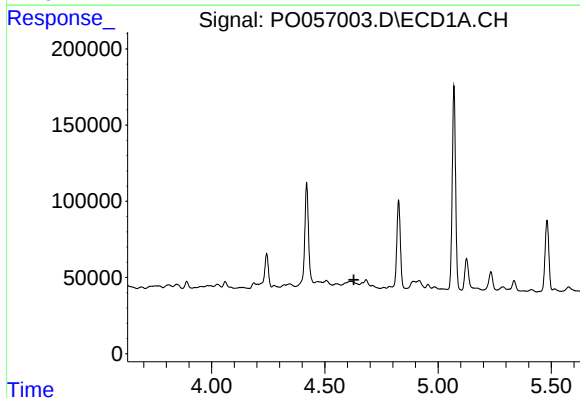
R.T.: 0.000 min  
Exp R.T.: 4.553 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



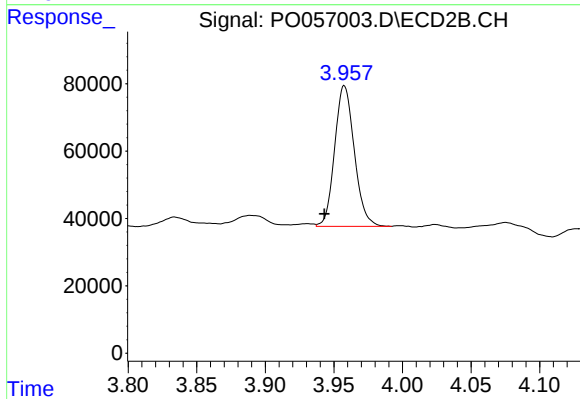
#9 AR-1221-2

R.T.: 3.889 min  
Delta R.T.: 0.021 min  
Response: 53383  
Conc: 141.65 ng/ml



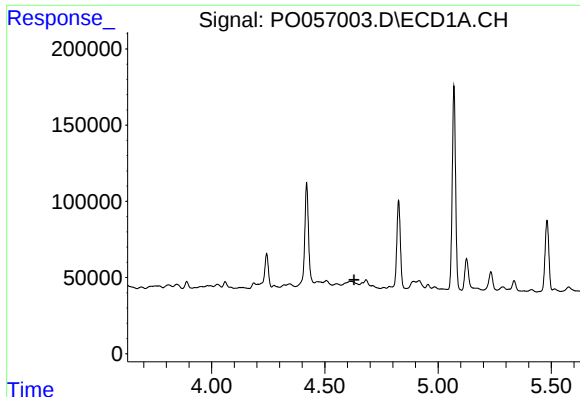
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 4.628 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

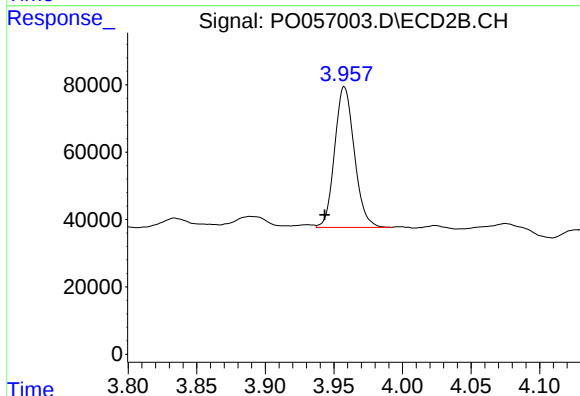
R.T.: 3.958 min  
Delta R.T.: 0.014 min  
Response: 416892  
Conc: 348.27 ng/ml



#11 AR-1232-1

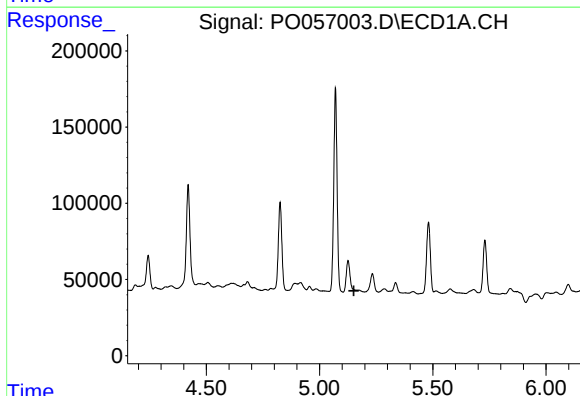
R.T.: 0.000 min  
Exp R.T.: 4.629 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



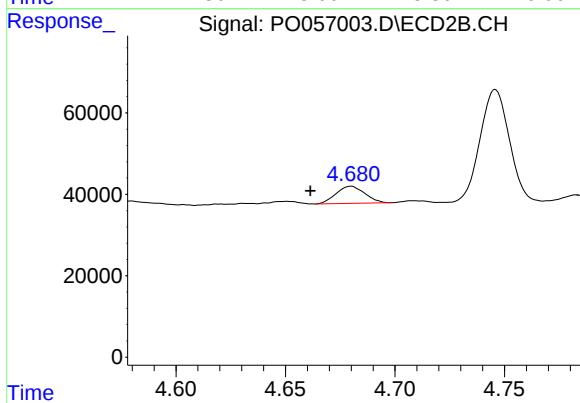
#11 AR-1232-1

R.T.: 3.958 min  
Delta R.T.: 0.014 min  
Response: 416892  
Conc: 464.06 ng/ml



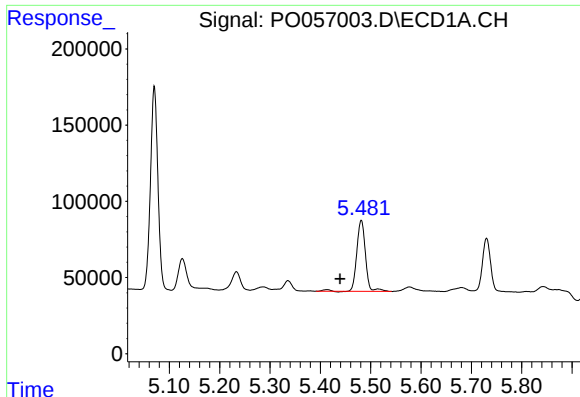
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 5.152 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

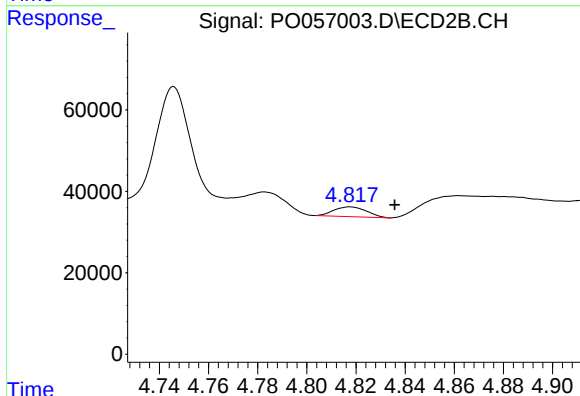
R.T.: 4.680 min  
Delta R.T.: 0.019 min  
Response: 38106  
Conc: 39.21 ng/ml



#13 AR-1232-3

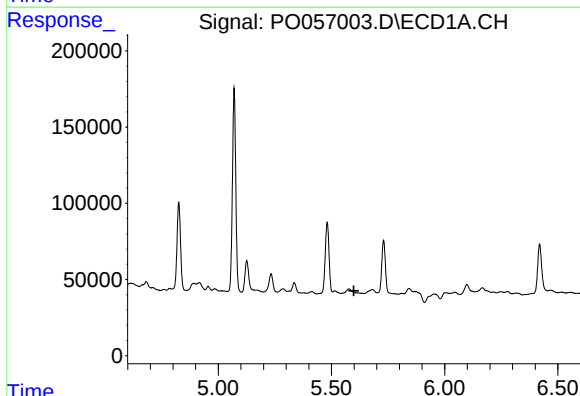
R.T.: 5.481 min  
Delta R.T.: 0.042 min  
Response: 562096  
Conc: 396.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



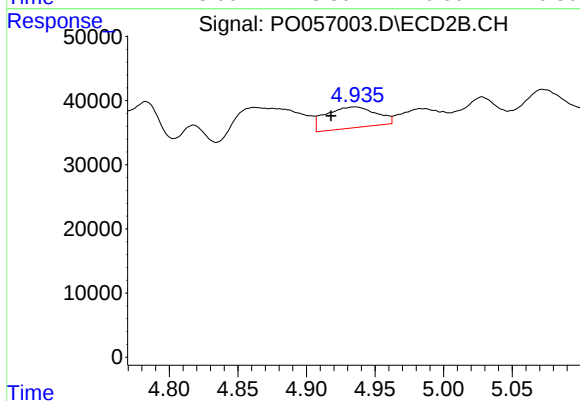
#13 AR-1232-3

R.T.: 4.818 min  
Delta R.T.: -0.018 min  
Response: 22041  
Conc: 42.12 ng/ml



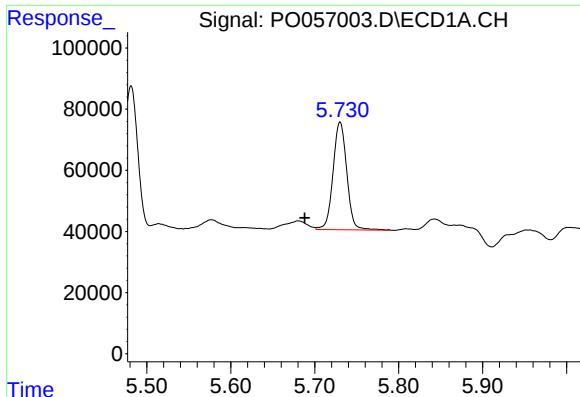
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.599 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

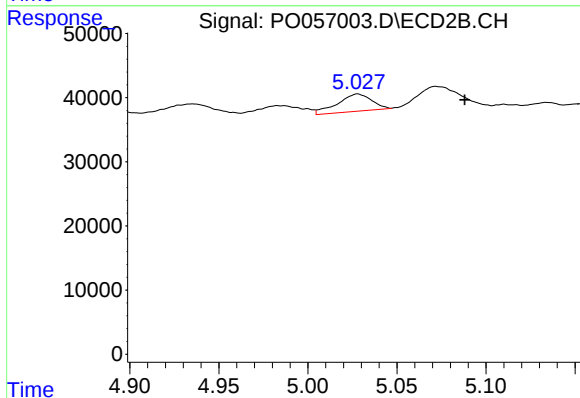
R.T.: 4.935 min  
Delta R.T.: 0.017 min  
Response: 83869  
Conc: 170.23 ng/ml



#15 AR-1232-5

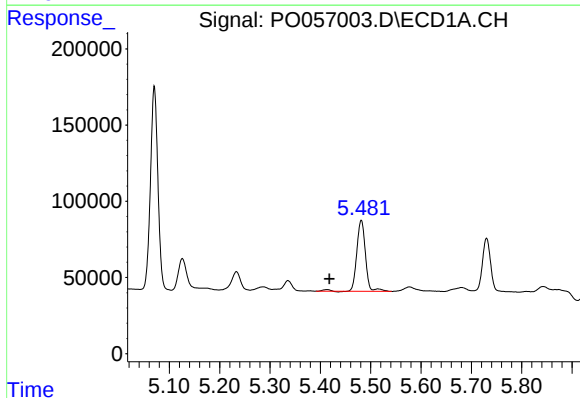
R.T.: 5.730 min  
Delta R.T.: 0.042 min  
Response: 401230  
Conc: 709.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



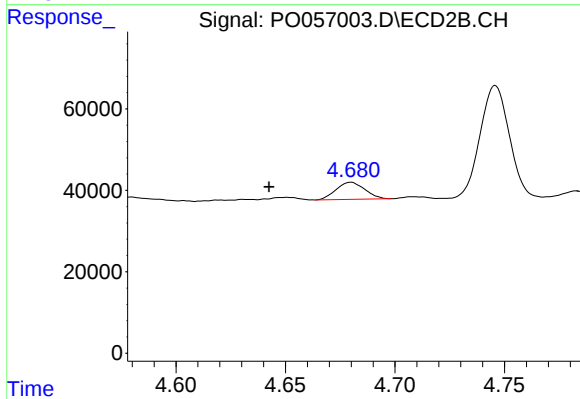
#15 AR-1232-5

R.T.: 5.028 min  
Delta R.T.: -0.060 min  
Response: 36029  
Conc: 63.96 ng/ml



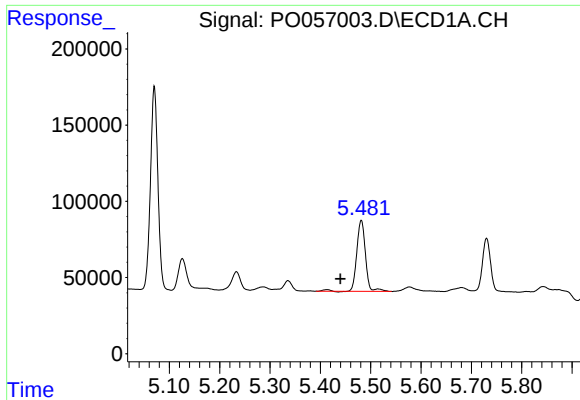
#16 AR-1242-1

R.T.: 5.481 min  
Delta R.T.: 0.063 min  
Response: 562096  
Conc: 325.82 ng/ml



#16 AR-1242-1

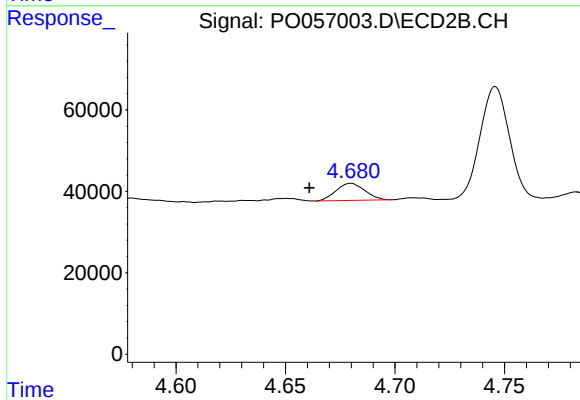
R.T.: 4.680 min  
Delta R.T.: 0.038 min  
Response: 38106  
Conc: 30.77 ng/ml



#17 AR-1242-2

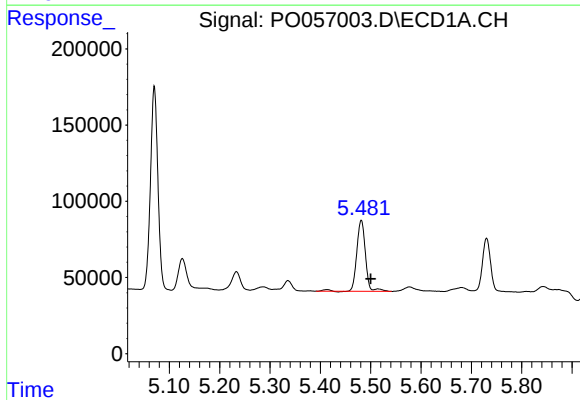
R.T.: 5.481 min  
Delta R.T.: 0.042 min  
Response: 562096  
Conc: 221.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



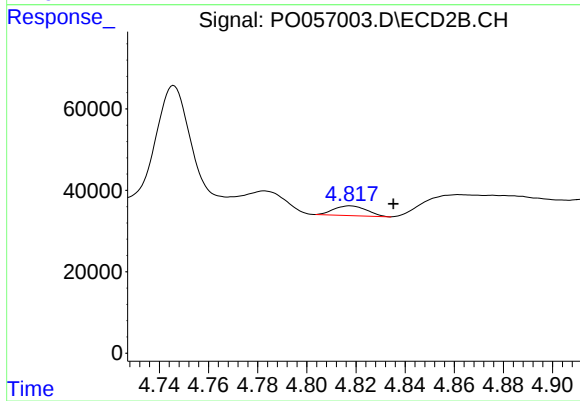
#17 AR-1242-2

R.T.: 4.680 min  
Delta R.T.: 0.019 min  
Response: 38106  
Conc: 21.19 ng/ml



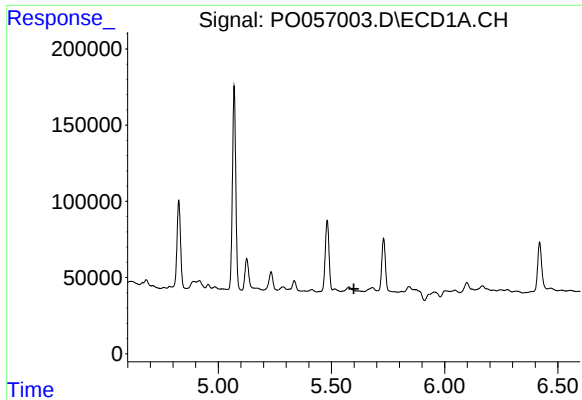
#18 AR-1242-3

R.T.: 5.481 min  
Delta R.T.: -0.019 min  
Response: 562096  
Conc: 345.69 ng/ml



#18 AR-1242-3

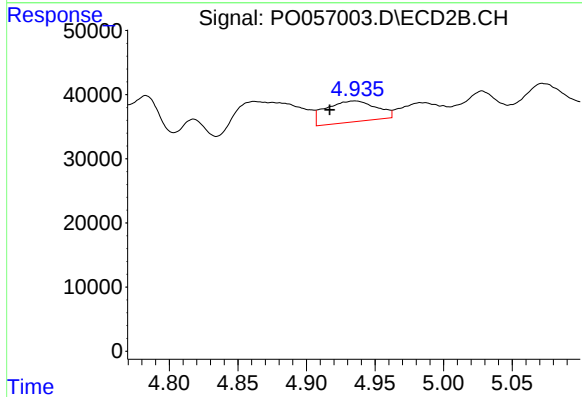
R.T.: 4.818 min  
Delta R.T.: -0.017 min  
Response: 22041  
Conc: 22.42 ng/ml



#19 AR-1242-4

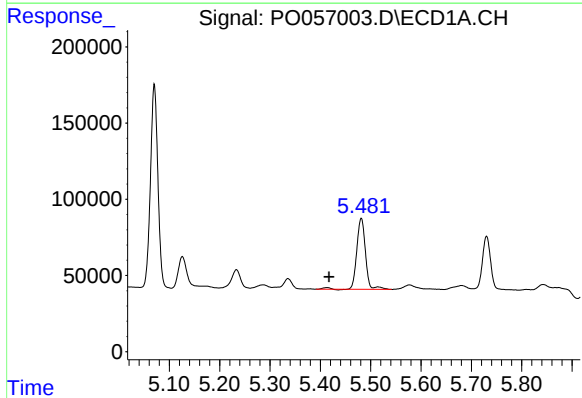
R.T.: 0.000 min  
Exp R.T.: 5.599 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



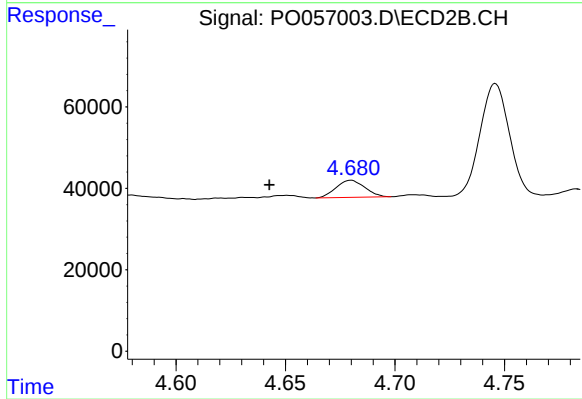
#19 AR-1242-4

R.T.: 4.935 min  
Delta R.T.: 0.018 min  
Response: 83869  
Conc: 86.19 ng/ml



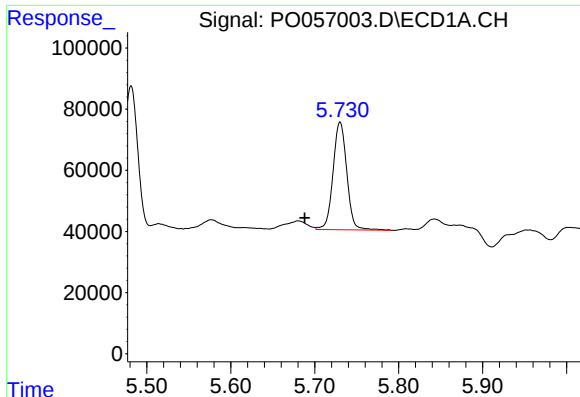
#21 AR-1248-1

R.T.: 5.481 min  
Delta R.T.: 0.064 min  
Response: 562096  
Conc: 436.24 ng/ml



#21 AR-1248-1

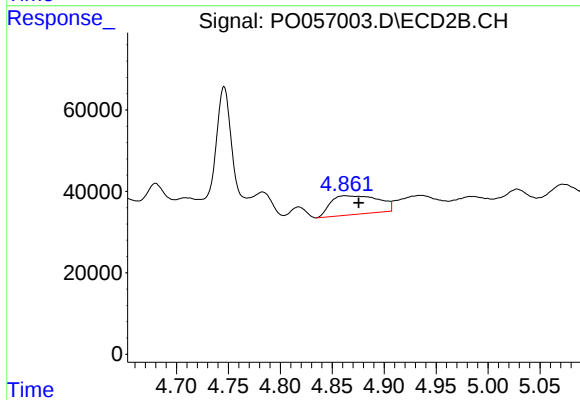
R.T.: 4.680 min  
Delta R.T.: 0.037 min  
Response: 38106  
Conc: 40.69 ng/ml



#22 AR-1248-2

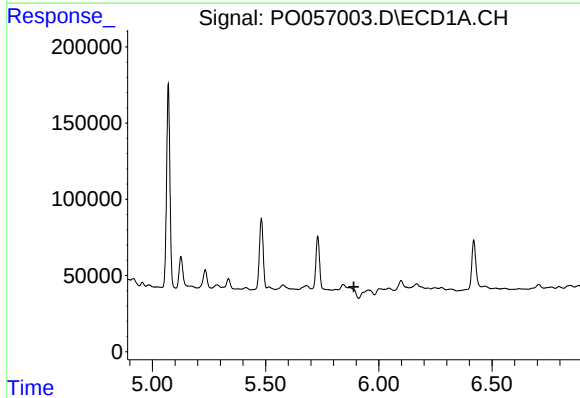
R.T.: 5.730 min  
Delta R.T.: 0.042 min  
Response: 401230  
Conc: 215.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



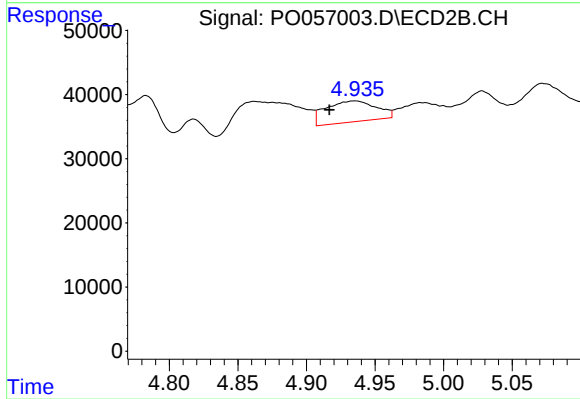
#22 AR-1248-2

R.T.: 4.862 min  
Delta R.T.: -0.014 min  
Response: 148960  
Conc: 117.25 ng/ml



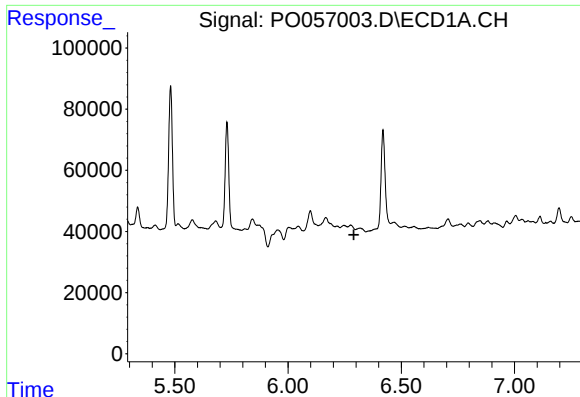
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.890 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

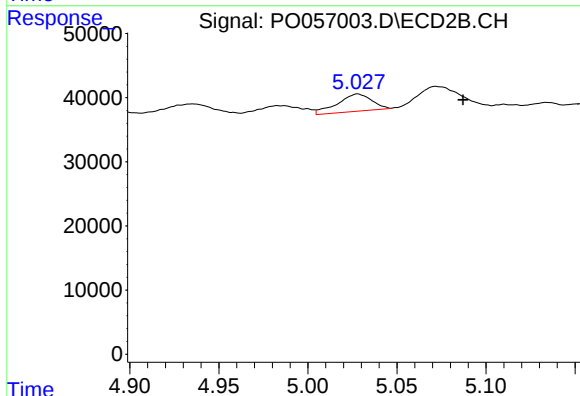
R.T.: 4.935 min  
Delta R.T.: 0.018 min  
Response: 83869  
Conc: 64.22 ng/ml



#24 AR-1248-4

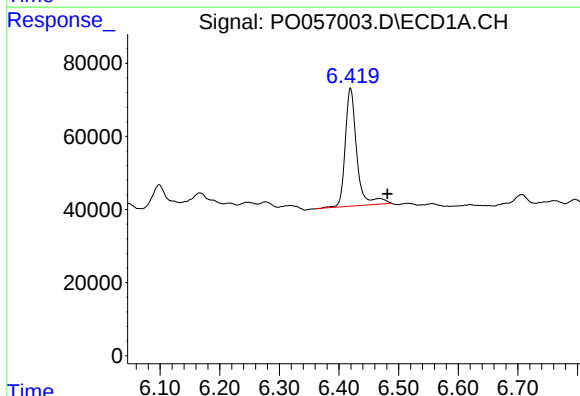
R.T.: 0.000 min  
Exp R.T.: 6.291 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



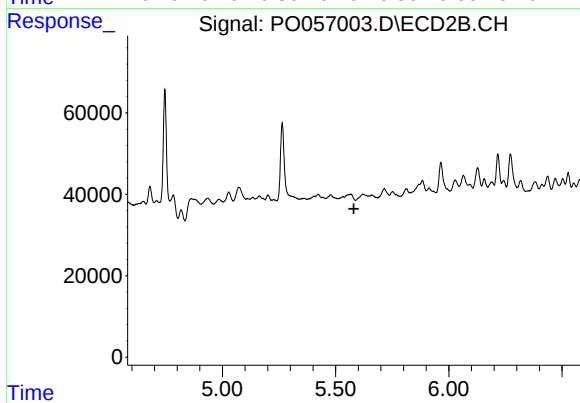
#24 AR-1248-4

R.T.: 5.028 min  
Delta R.T.: -0.059 min  
Response: 36029  
Conc: 22.75 ng/ml



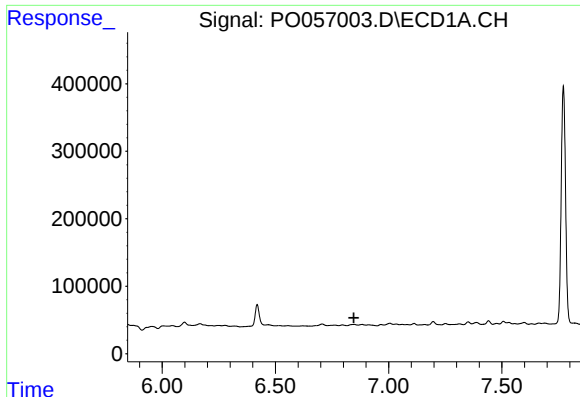
#27 AR-1254-2

R.T.: 6.419 min  
Delta R.T.: -0.062 min  
Response: 432789  
Conc: 111.43 ng/ml



#27 AR-1254-2

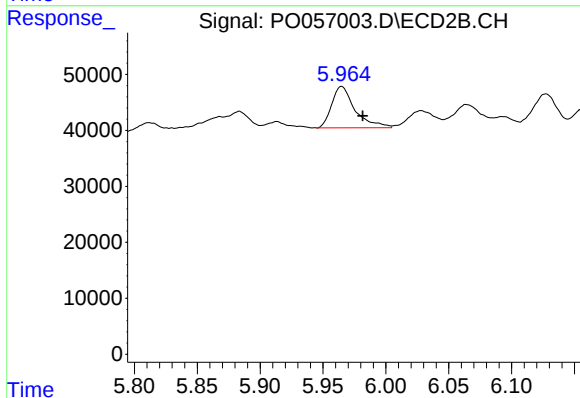
R.T.: 0.000 min  
Exp R.T.: 5.580 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

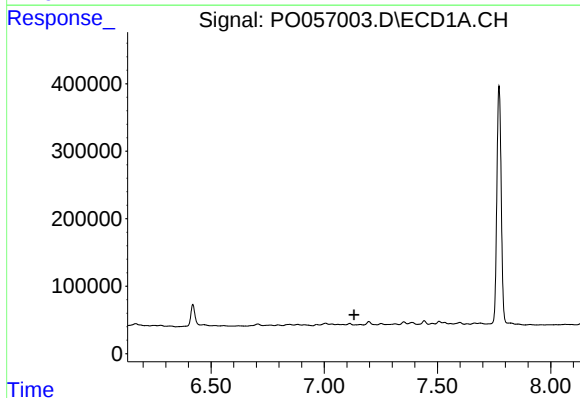
R.T.: 0.000 min  
Exp R.T.: 6.846 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



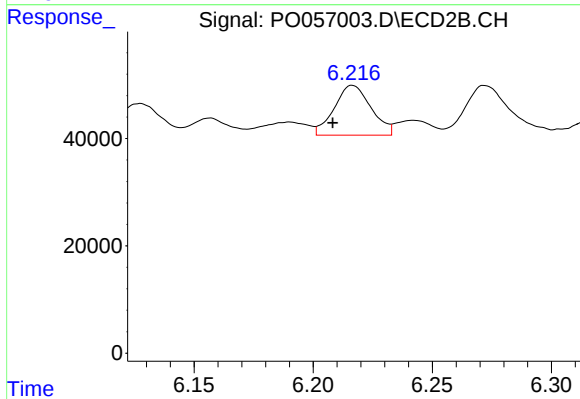
#28 AR-1254-3

R.T.: 5.965 min  
Delta R.T.: -0.017 min  
Response: 95327  
Conc: 26.04 ng/ml



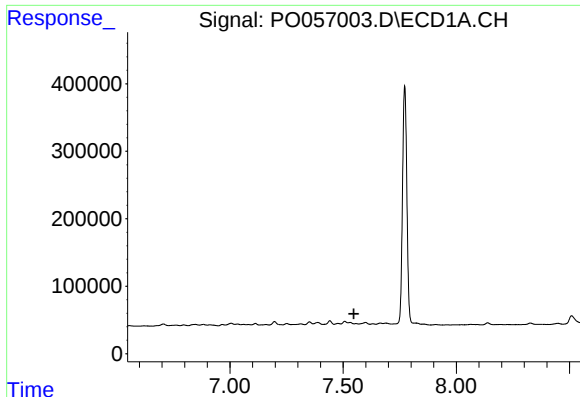
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.131 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

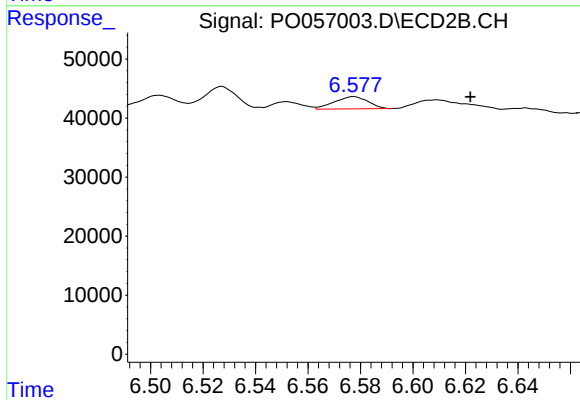
R.T.: 6.217 min  
Delta R.T.: 0.008 min  
Response: 99948  
Conc: 45.49 ng/ml



#30 AR-1254-5

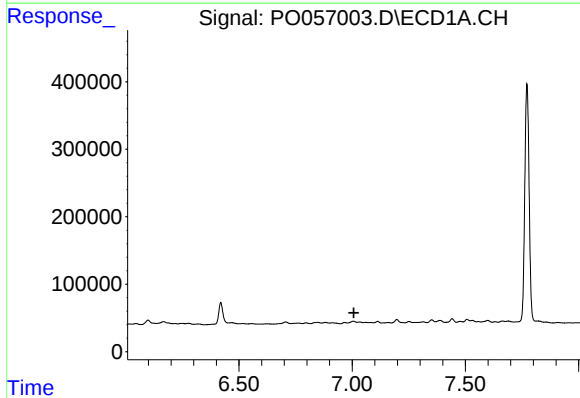
R.T.: 0.000 min  
Exp R.T.: 7.547 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



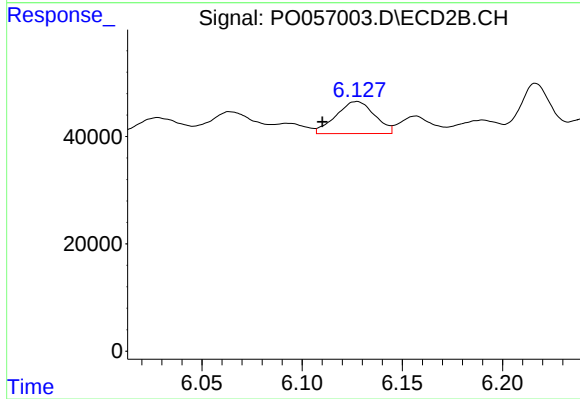
#30 AR-1254-5

R.T.: 6.577 min  
Delta R.T.: -0.044 min  
Response: 18586  
Conc: 5.86 ng/ml



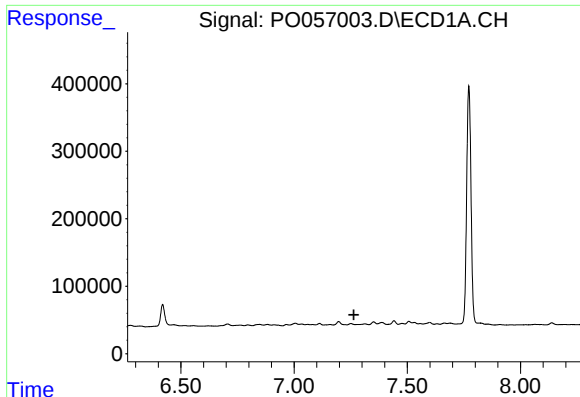
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 7.008 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

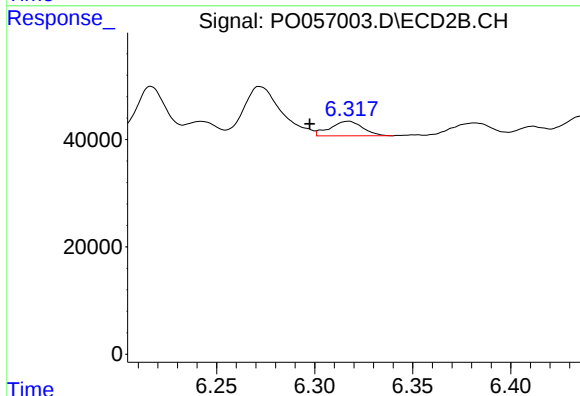
R.T.: 6.127 min  
Delta R.T.: 0.017 min  
Response: 79841  
Conc: 39.91 ng/ml



#32 AR-1260-2

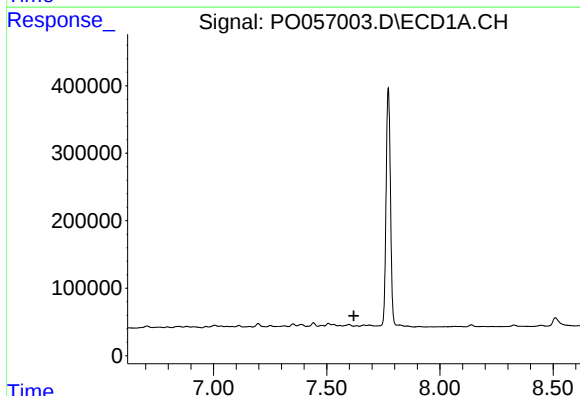
R.T.: 0.000 min  
Exp R.T.: 7.264 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



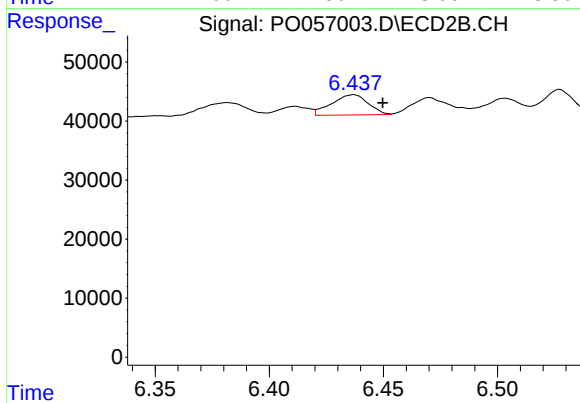
#32 AR-1260-2

R.T.: 6.317 min  
Delta R.T.: 0.020 min  
Response: 31575  
Conc: 12.81 ng/ml



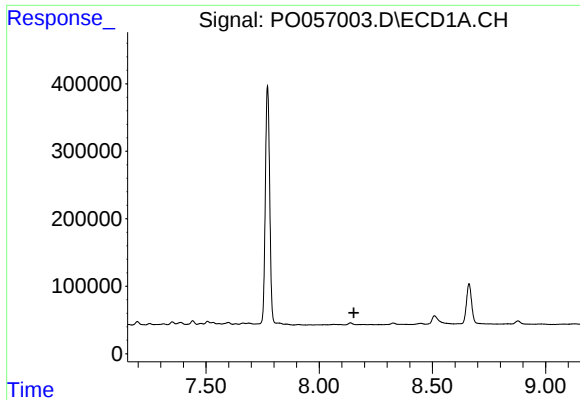
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.620 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

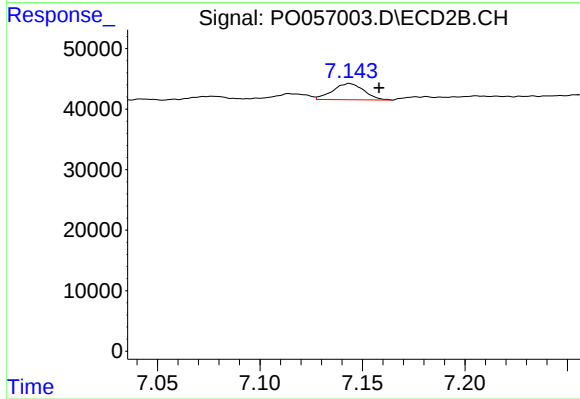
R.T.: 6.437 min  
Delta R.T.: -0.013 min  
Response: 38186  
Conc: 17.02 ng/ml



#35 AR-1260-5

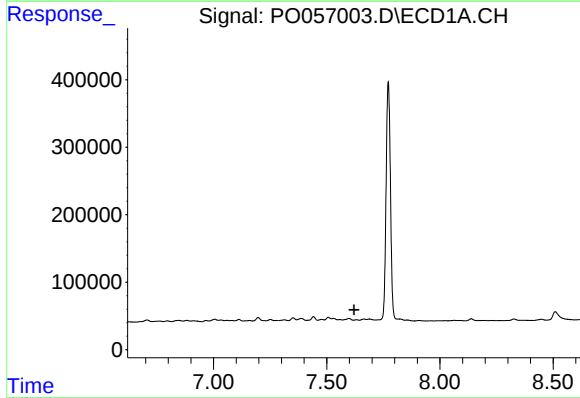
R.T.: 0.000 min  
Exp R.T.: 8.153 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



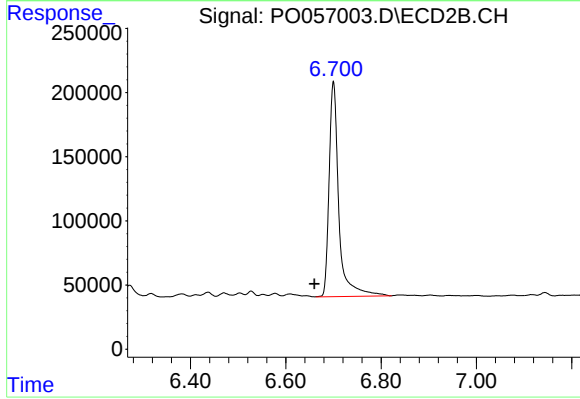
#35 AR-1260-5

R.T.: 7.144 min  
Delta R.T.: -0.014 min  
Response: 28556  
Conc: 6.62 ng/ml



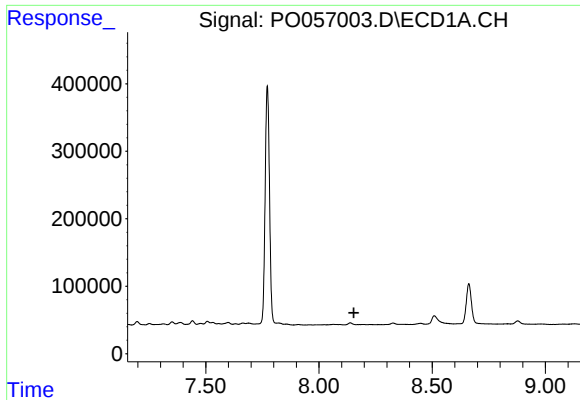
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 7.620 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

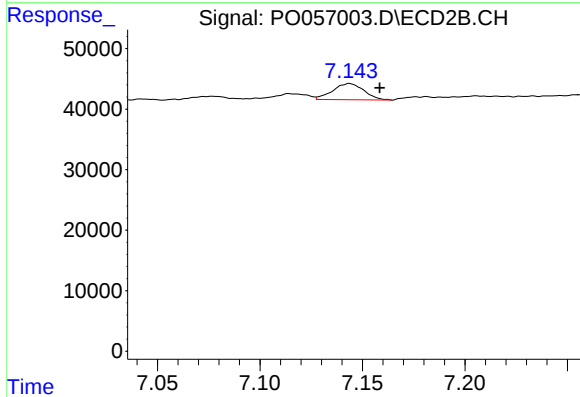
R.T.: 6.700 min  
Delta R.T.: 0.040 min  
Response: 2379514  
Conc: 570.07 ng/ml



#37 AR-1262-2

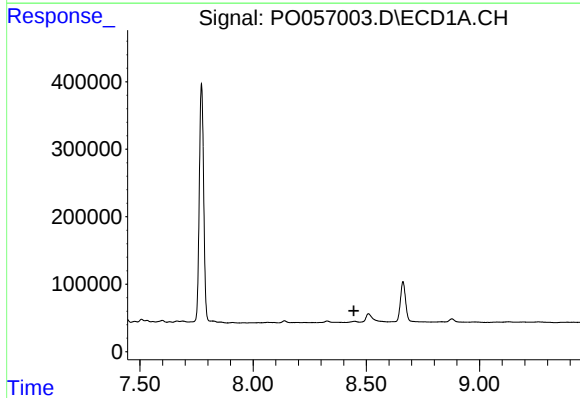
R.T.: 0.000 min  
Exp R.T.: 8.154 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



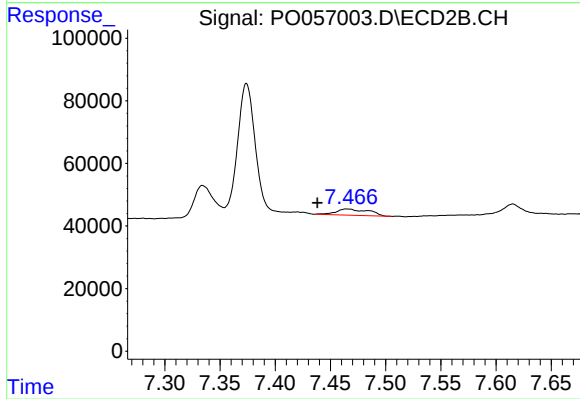
#37 AR-1262-2

R.T.: 7.144 min  
Delta R.T.: -0.015 min  
Response: 28556  
Conc: 4.16 ng/ml



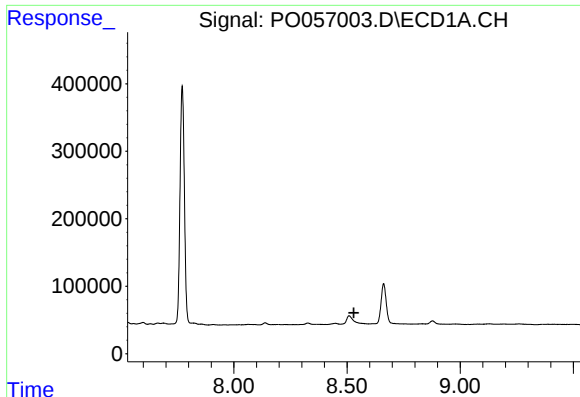
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 8.445 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

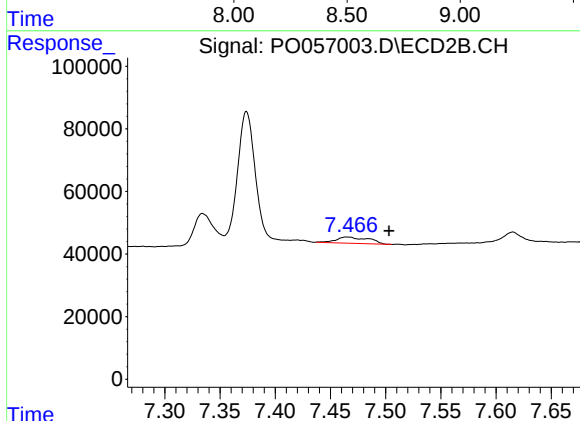
R.T.: 7.465 min  
Delta R.T.: 0.027 min  
Response: 40377  
Conc: 13.67 ng/ml



#39 AR-1262-4

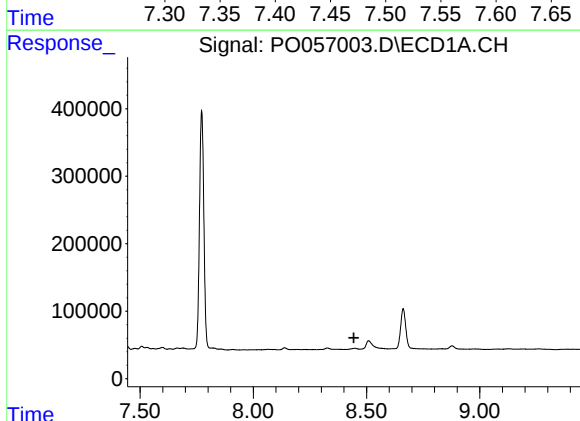
R.T.: 0.000 min  
Exp R.T.: 8.530 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2



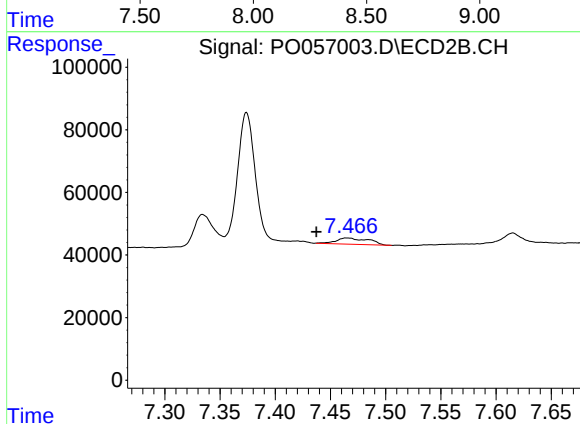
#39 AR-1262-4

R.T.: 7.465 min  
Delta R.T.: -0.038 min  
Response: 40377  
Conc: 7.75 ng/ml



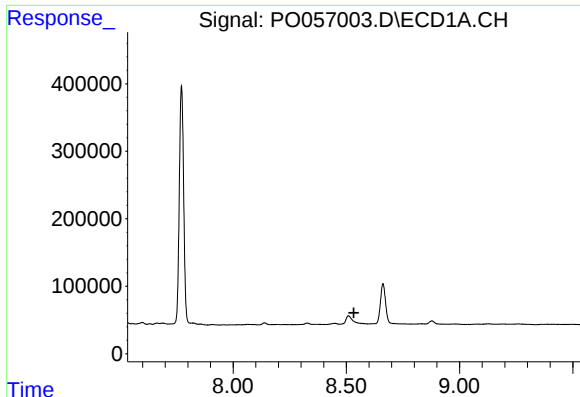
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.444 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

R.T.: 7.465 min  
Delta R.T.: 0.028 min  
Response: 40377  
Conc: 5.41 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.534 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
COMP-2

#42 AR-1268-2

R.T.: 7.465 min  
Delta R.T.: -0.038 min  
Response: 40377  
Conc: 5.78 ng/ml

#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.529 min  
Response: 0  
Conc: N.D.

#45 AR-1268-5

R.T.: 8.247 min  
Delta R.T.: -0.025 min  
Response: 23192  
Conc: 1.34 ng/ml