

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0111318\  
 Data File : P0051465.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Nov 2018 10:32  
 Operator : SM/SJ  
 Sample : AR1221ICC1000  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 14:24:31 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0111318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 13 14:18:56 2018  
 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... | 4.312 | 3.302 | 295.0E6  | 101.1E6  | 93.855   | 94.648    |
| 2)                          | SA Decachlor... | 9.960 | 8.060 | 169.0E6  | 75724923 | 81.786   | 76.746    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 5.484 | 4.344 | 4526420  | 5388165  | 60.629   | 219.605 # |
| 4)                          | L1 AR-1016-2    | 5.506 | 4.344 | 7364049  | 5388165  | 65.114   | 102.283 # |
| 5)                          | L1 AR-1016-3    | 5.568 | 4.509 | 4988966  | 1380653  | 75.941   | 60.329    |
| 6)                          | L1 AR-1016-4    | 5.667 | 4.509 | 3195438  | 1380653  | 58.767   | 76.596 #  |
| 8)                          | L2 AR-1221-1    | 4.524 | 3.509 | 27090800 | 9625253  | 902.410  | 900.086   |
| 9)                          | L2 AR-1221-2    | 4.611 | 3.588 | 19427998 | 7017659  | 898.909  | 913.813   |
| 10)                         | L2 AR-1221-3    | 4.688 | 3.659 | 63253953 | 22639481 | 900.678  | 879.642   |
| 11)                         | L3 AR-1232-1    | 4.688 | 3.659 | 63253953 | 22639481 | 1221.018 | 1215.611  |
| 12)                         | L3 AR-1232-2    | 5.216 | 4.344 | 4392966  | 5388165  | 183.604  | 237.906 # |
| 13)                         | L3 AR-1232-3    | 5.506 | 4.509 | 7364049  | 1380653  | 153.411  | 289.313 # |
| 14)                         | L3 AR-1232-4    | 5.667 | 0.000 | 3195438  | 0        | 135.910  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.506 | 4.344 | 7364049  | 5388165  | 79.318   | 122.759 # |
| 17)                         | L4 AR-1242-2    | 5.568 | 4.398 | 4988966  | 2220800  | 53.736   | 92.779 #  |
| 18)                         | L4 AR-1242-3    | 5.568 | 4.509 | 4988966  | 1380653  | 92.932   | 98.340    |
| 19)                         | L4 AR-1242-4    | 5.667 | 0.000 | 3195438  | 0        | 71.664   | N.D. #    |
| 21)                         | L5 AR-1248-1    | 5.506 | 4.344 | 7364049  | 5388165  | 112.843  | 196.432 # |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.509 | 0        | 1380653  | N.D.     | 48.647 #  |
| -----                       |                 |       |       |          |          |          |           |

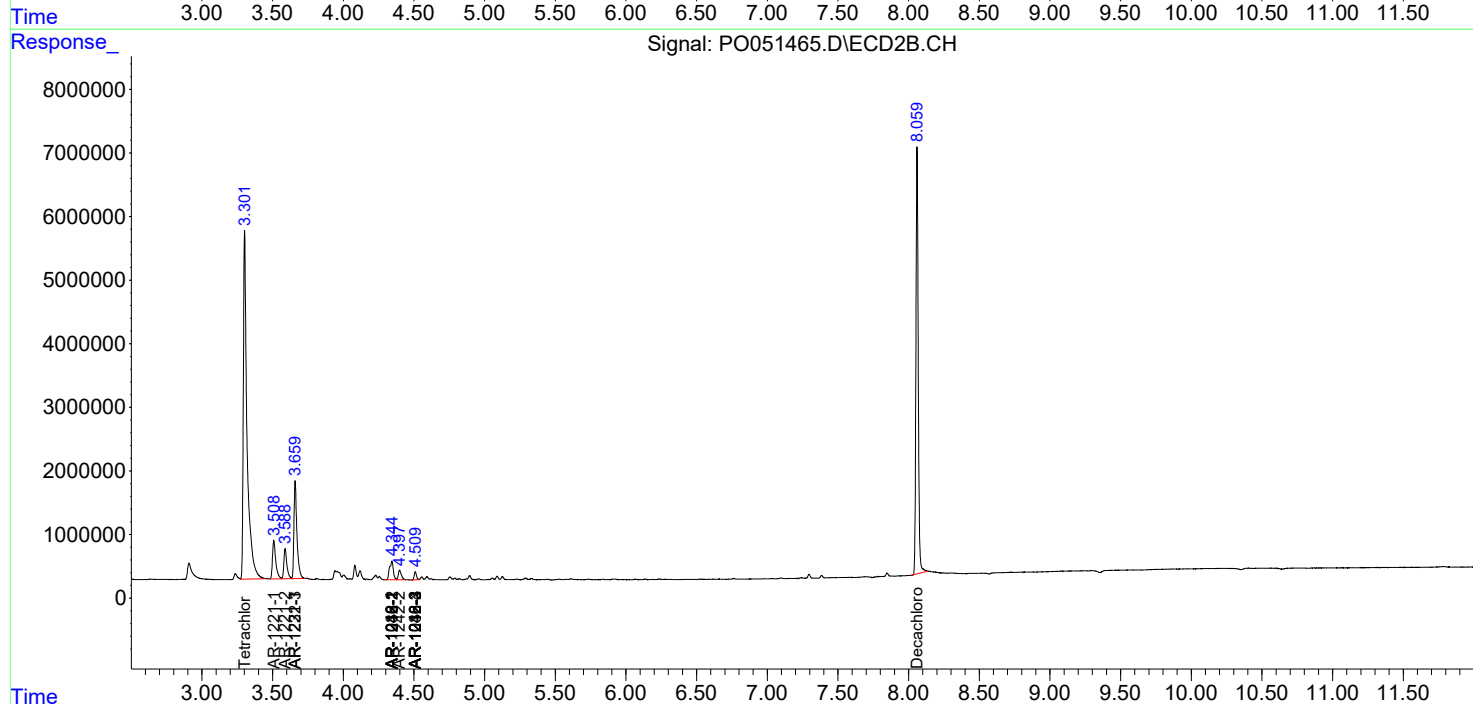
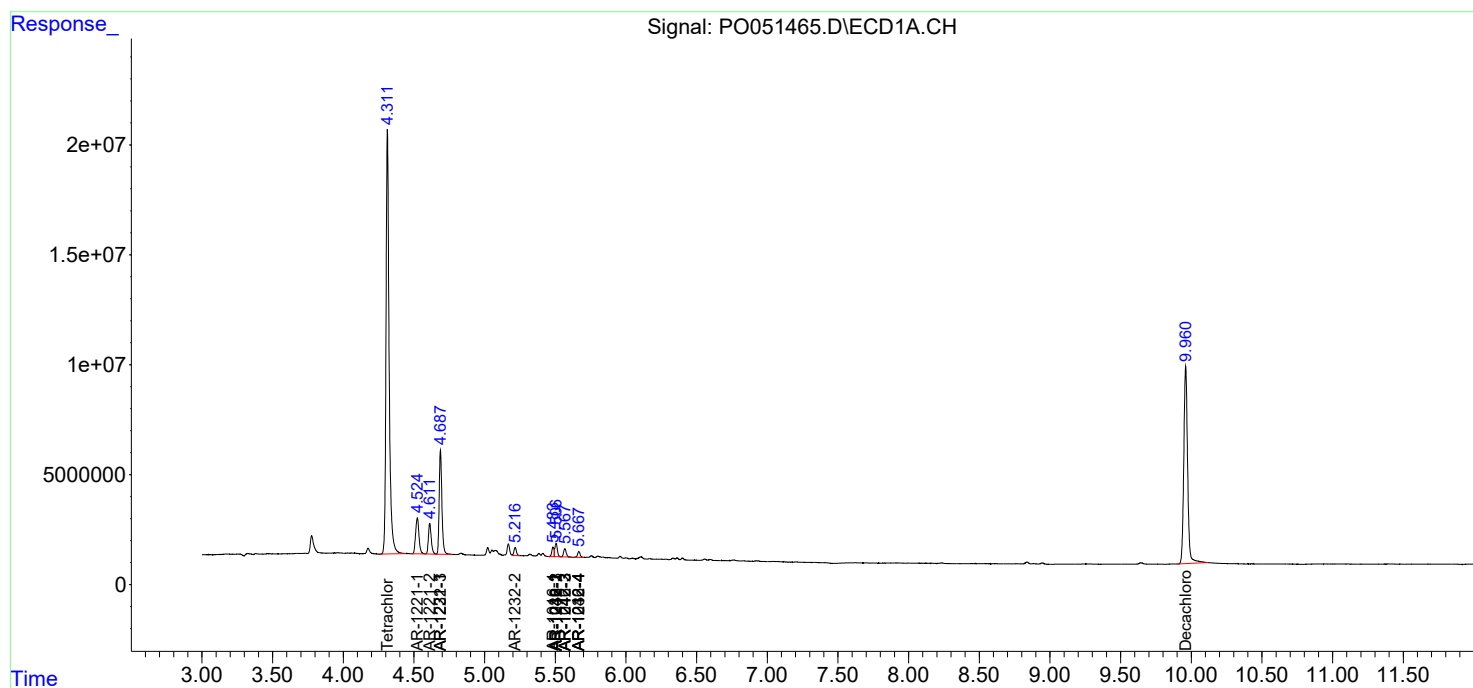
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

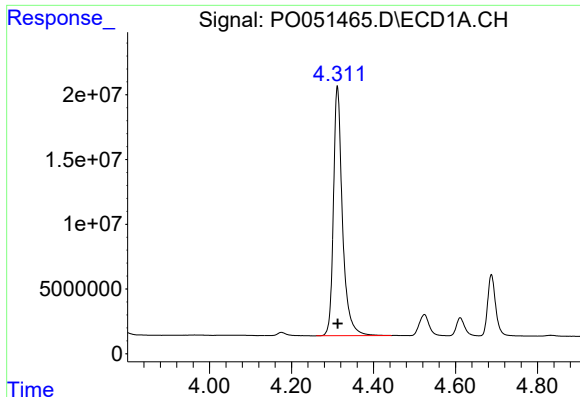
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO111318\  
Data File : P0051465.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 13 Nov 2018 10:32  
Operator : SM/SJ  
Sample : AR1221ICC1000  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 14:24:31 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO111318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 13 14:18:56 2018  
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

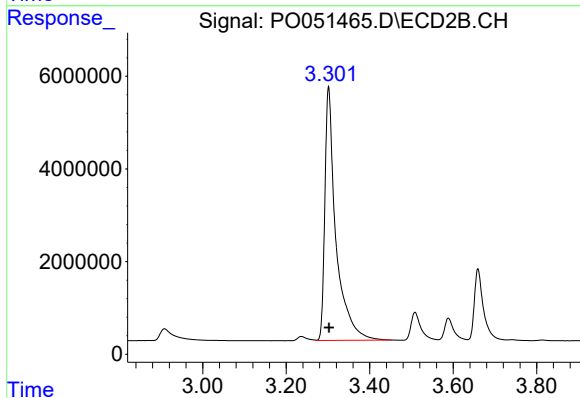




#1 Tetrachloro-m-xylene

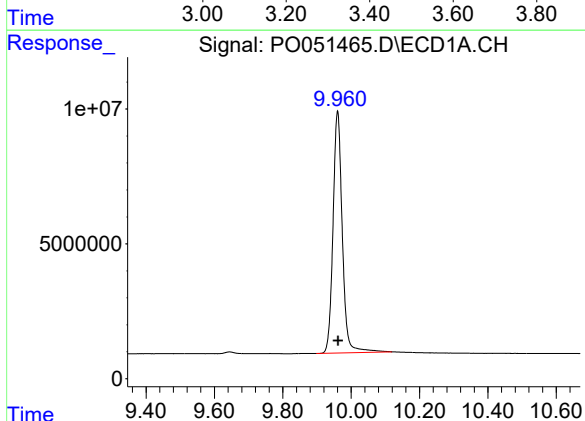
R.T.: 4.312 min  
Delta R.T.: -0.001 min  
Response: 295000498  
Conc: 93.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



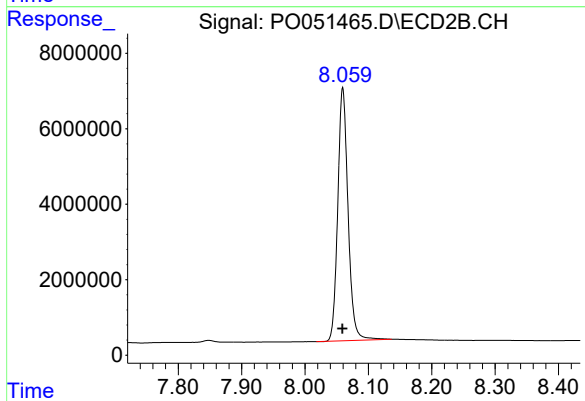
#1 Tetrachloro-m-xylene

R.T.: 3.302 min  
Delta R.T.: 0.000 min  
Response: 101107543  
Conc: 94.65 ng/ml



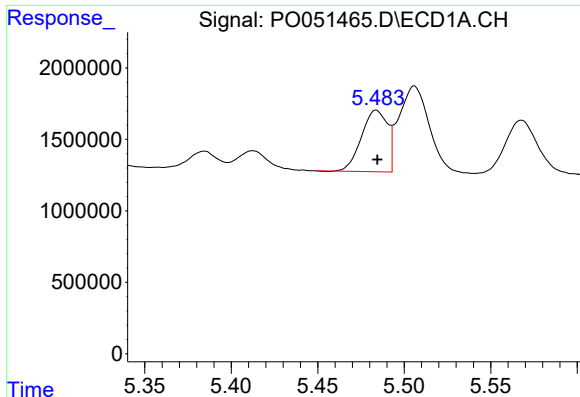
#2 Decachlorobiphenyl

R.T.: 9.960 min  
Delta R.T.: -0.001 min  
Response: 169039059  
Conc: 81.79 ng/ml



#2 Decachlorobiphenyl

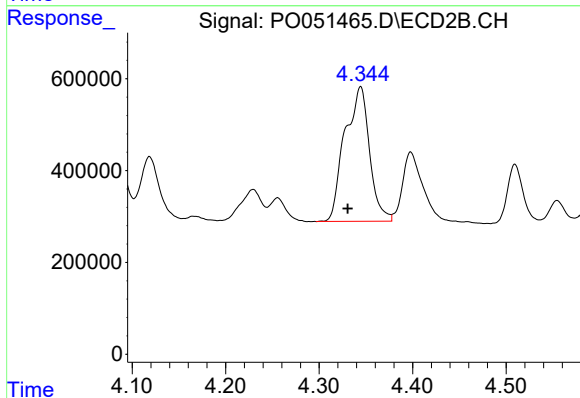
R.T.: 8.060 min  
Delta R.T.: 0.000 min  
Response: 75724923  
Conc: 76.75 ng/ml



#3 AR-1016-1

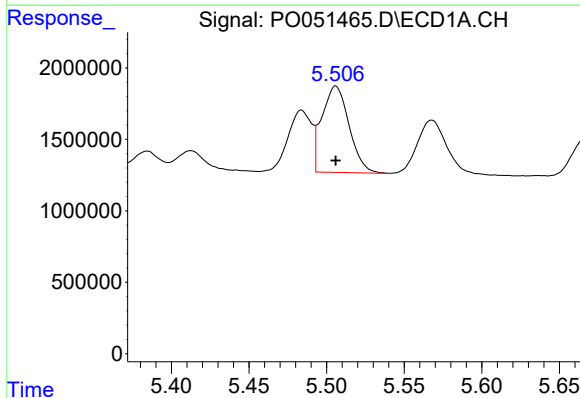
R.T.: 5.484 min  
Delta R.T.: 0.000 min  
Response: 4526420  
Conc: 60.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



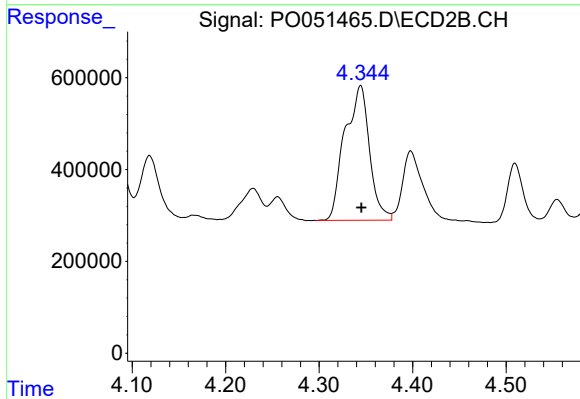
#3 AR-1016-1

R.T.: 4.344 min  
Delta R.T.: 0.014 min  
Response: 5388165  
Conc: 219.60 ng/ml



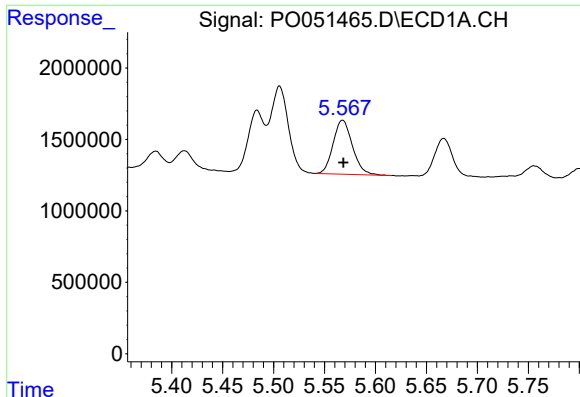
#4 AR-1016-2

R.T.: 5.506 min  
Delta R.T.: 0.000 min  
Response: 7364049  
Conc: 65.11 ng/ml



#4 AR-1016-2

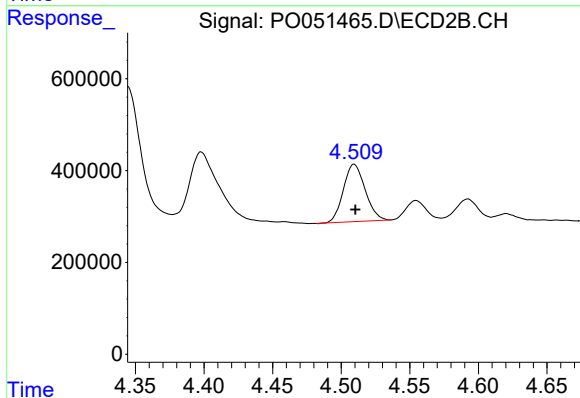
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 5388165  
Conc: 102.28 ng/ml



#5 AR-1016-3

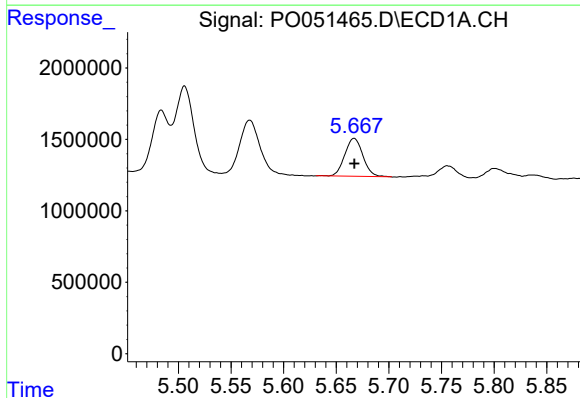
R.T.: 5.568 min  
Delta R.T.: 0.000 min  
Response: 4988966  
Conc: 75.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



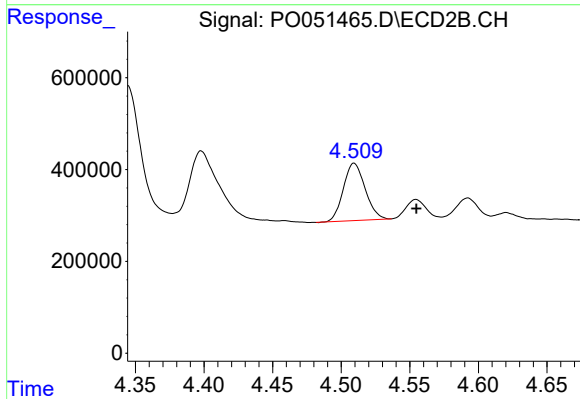
#5 AR-1016-3

R.T.: 4.509 min  
Delta R.T.: 0.000 min  
Response: 1380653  
Conc: 60.33 ng/ml



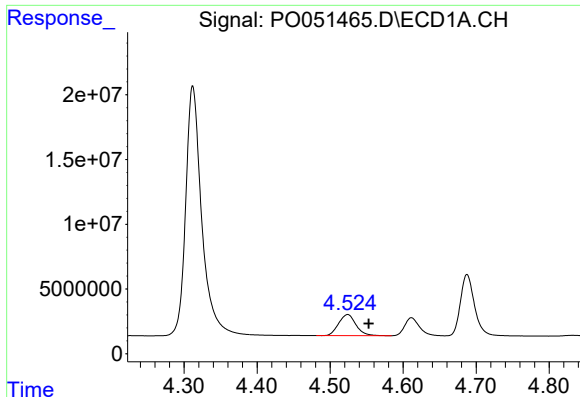
#6 AR-1016-4

R.T.: 5.667 min  
Delta R.T.: 0.000 min  
Response: 3195438  
Conc: 58.77 ng/ml



#6 AR-1016-4

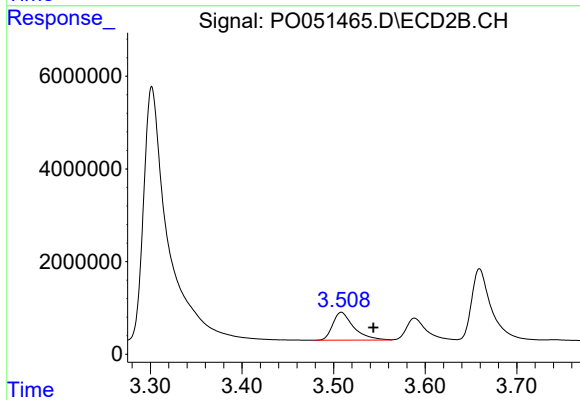
R.T.: 4.509 min  
Delta R.T.: -0.045 min  
Response: 1380653  
Conc: 76.60 ng/ml



#8 AR-1221-1

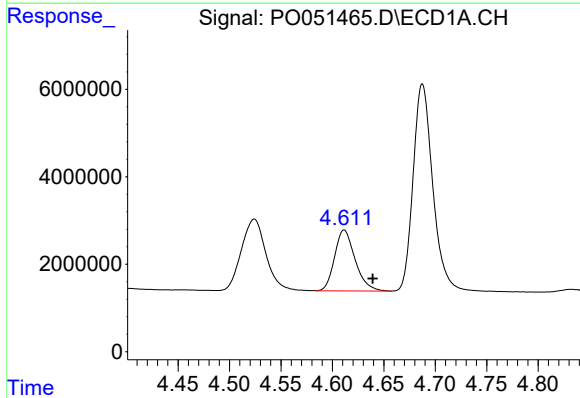
R.T.: 4.524 min  
Delta R.T.: -0.029 min  
Response: 27090800  
Conc: 902.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



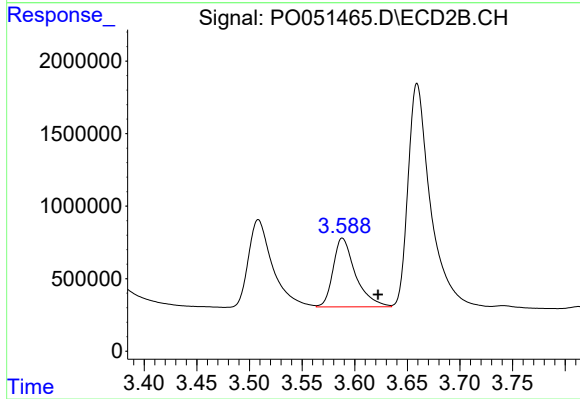
#8 AR-1221-1

R.T.: 3.509 min  
Delta R.T.: -0.035 min  
Response: 9625253  
Conc: 900.09 ng/ml



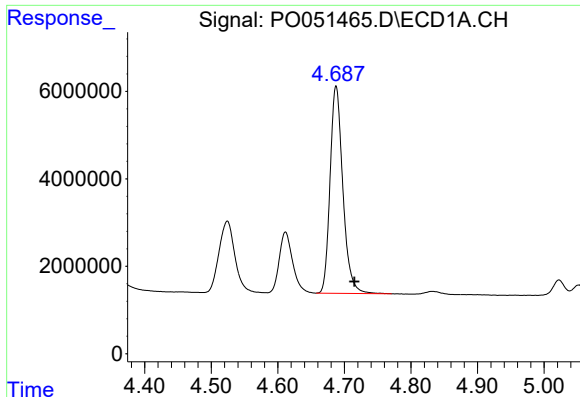
#9 AR-1221-2

R.T.: 4.611 min  
Delta R.T.: -0.028 min  
Response: 19427998  
Conc: 898.91 ng/ml



#9 AR-1221-2

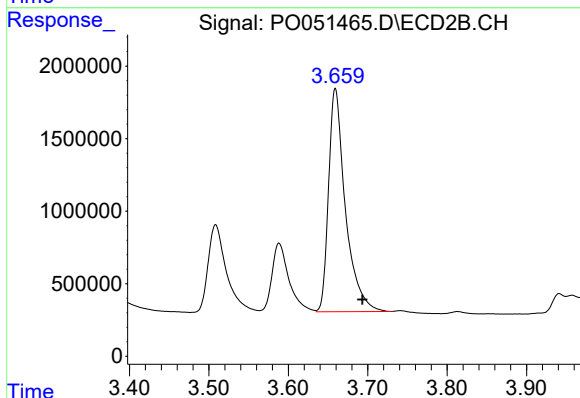
R.T.: 3.588 min  
Delta R.T.: -0.034 min  
Response: 7017659  
Conc: 913.81 ng/ml



#10 AR-1221-3

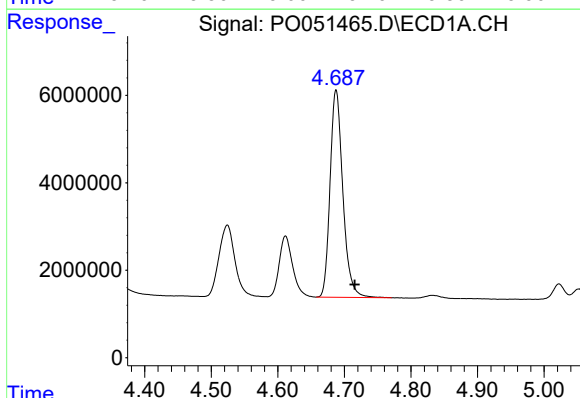
R.T.: 4.688 min  
Delta R.T.: -0.027 min  
Response: 63253953  
Conc: 900.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



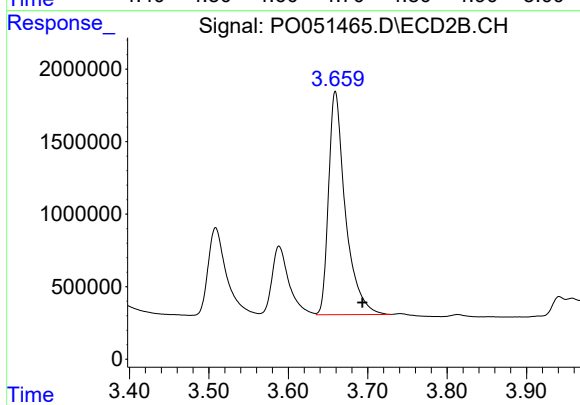
#10 AR-1221-3

R.T.: 3.659 min  
Delta R.T.: -0.034 min  
Response: 22639481  
Conc: 879.64 ng/ml



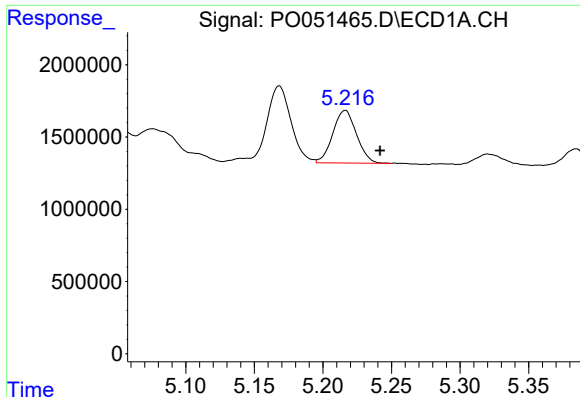
#11 AR-1232-1

R.T.: 4.688 min  
Delta R.T.: -0.028 min  
Response: 63253953  
Conc: 1221.02 ng/ml



#11 AR-1232-1

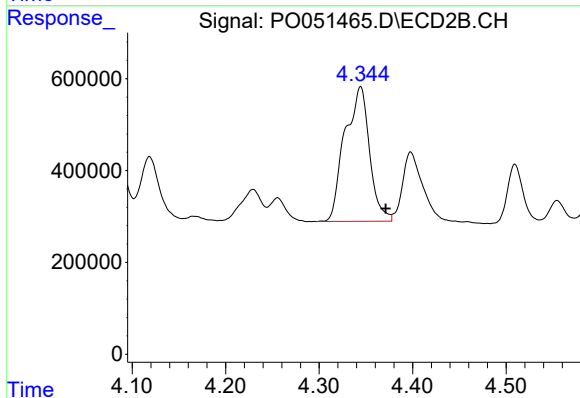
R.T.: 3.659 min  
Delta R.T.: -0.034 min  
Response: 22639481  
Conc: 1215.61 ng/ml



#12 AR-1232-2

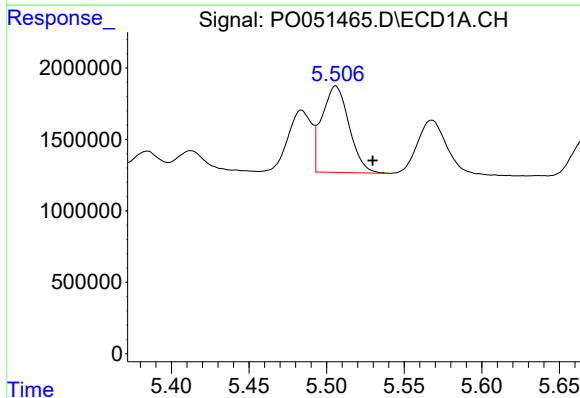
R.T.: 5.216 min  
Delta R.T.: -0.025 min  
Response: 4392966  
Conc: 183.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



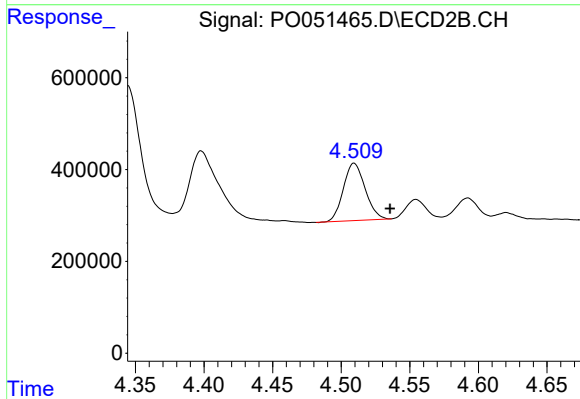
#12 AR-1232-2

R.T.: 4.344 min  
Delta R.T.: -0.027 min  
Response: 5388165  
Conc: 237.91 ng/ml



#13 AR-1232-3

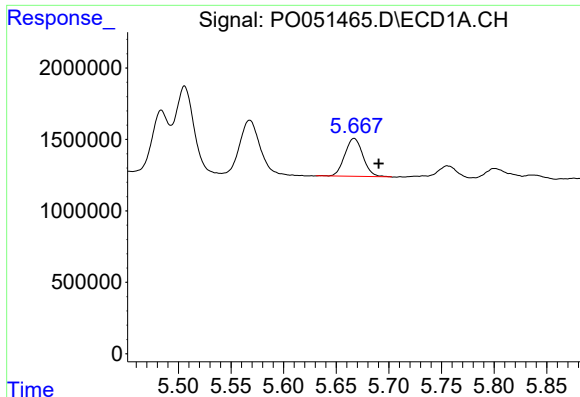
R.T.: 5.506 min  
Delta R.T.: -0.024 min  
Response: 7364049  
Conc: 153.41 ng/ml



#13 AR-1232-3

R.T.: 4.509 min  
Delta R.T.: -0.026 min  
Response: 1380653  
Conc: 289.31 ng/ml

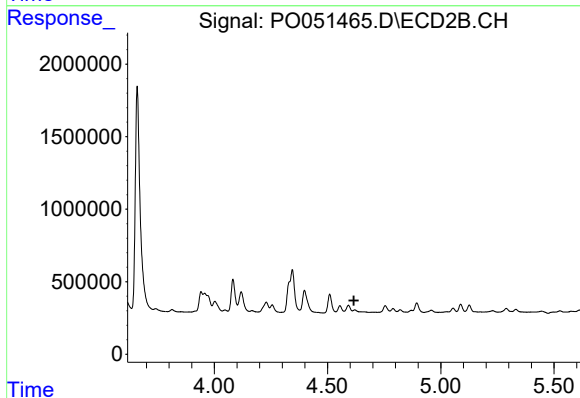




#14 AR-1232-4

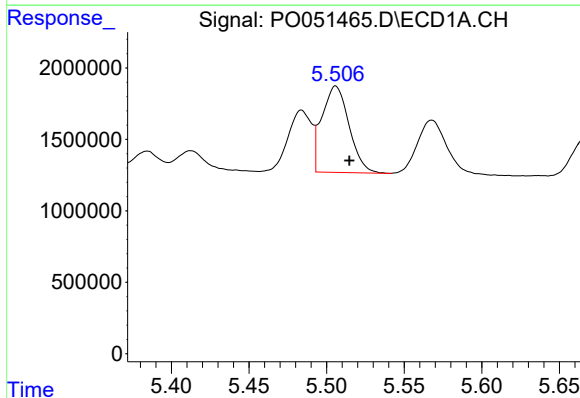
R.T.: 5.667 min  
Delta R.T.: -0.023 min  
Response: 3195438  
Conc: 135.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



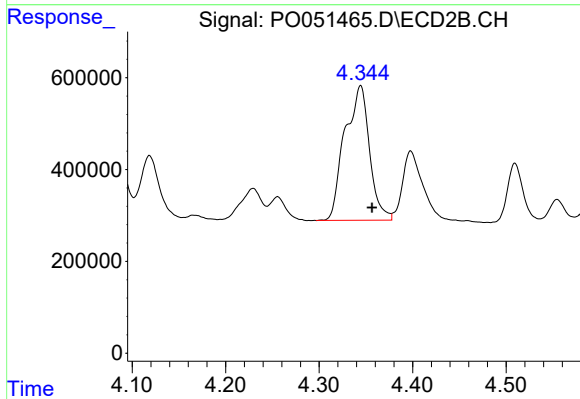
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 4.617 min  
Response: 0  
Conc: N.D.



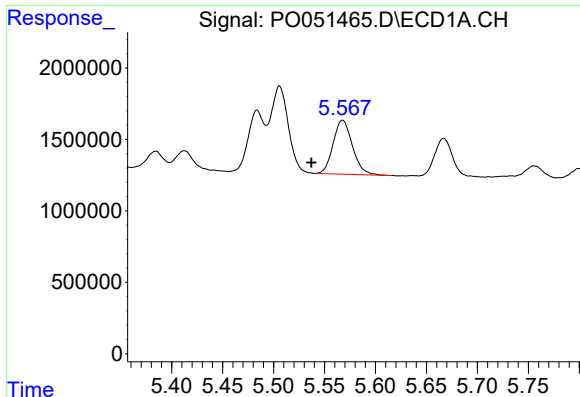
#16 AR-1242-1

R.T.: 5.506 min  
Delta R.T.: -0.009 min  
Response: 7364049  
Conc: 79.32 ng/ml



#16 AR-1242-1

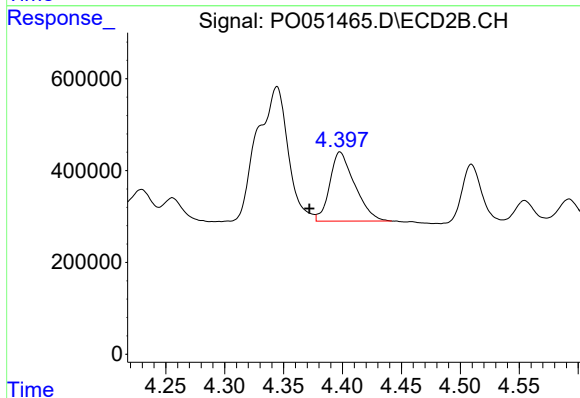
R.T.: 4.344 min  
Delta R.T.: -0.012 min  
Response: 5388165  
Conc: 122.76 ng/ml



#17 AR-1242-2

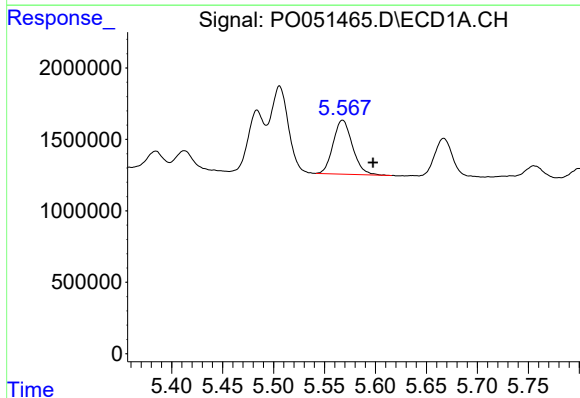
R.T.: 5.568 min  
Delta R.T.: 0.031 min  
Response: 4988966  
Conc: 53.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



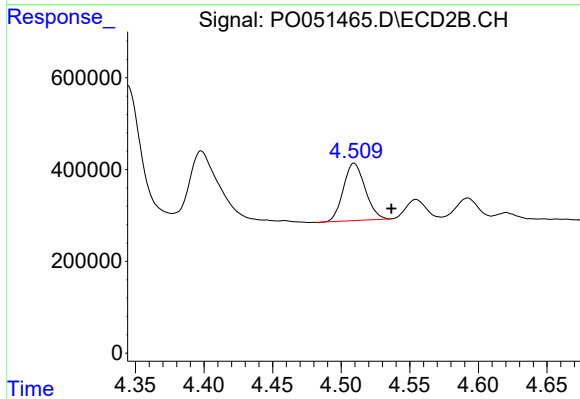
#17 AR-1242-2

R.T.: 4.398 min  
Delta R.T.: 0.026 min  
Response: 2220800  
Conc: 92.78 ng/ml



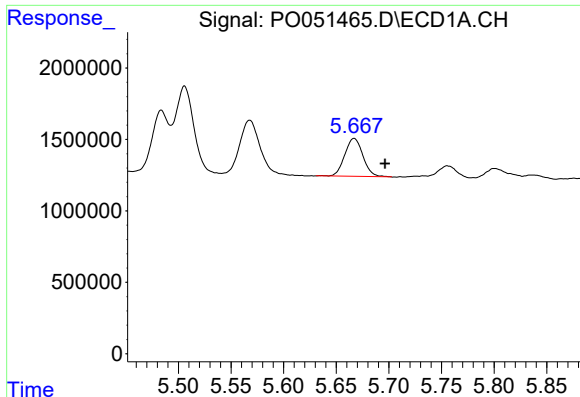
#18 AR-1242-3

R.T.: 5.568 min  
Delta R.T.: -0.030 min  
Response: 4988966  
Conc: 92.93 ng/ml



#18 AR-1242-3

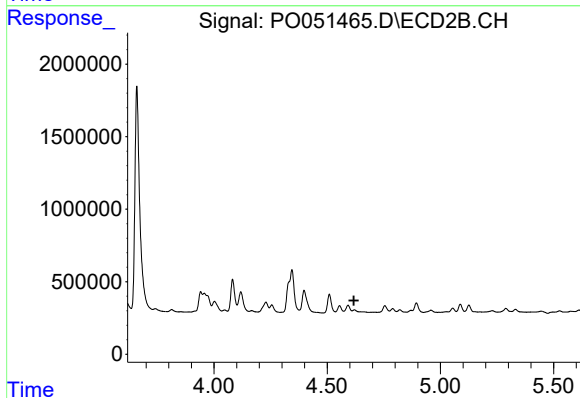
R.T.: 4.509 min  
Delta R.T.: -0.027 min  
Response: 1380653  
Conc: 98.34 ng/ml



#19 AR-1242-4

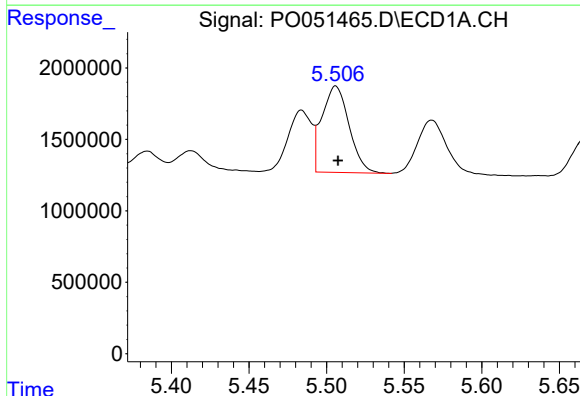
R.T.: 5.667 min  
Delta R.T.: -0.029 min  
Response: 3195438  
Conc: 71.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



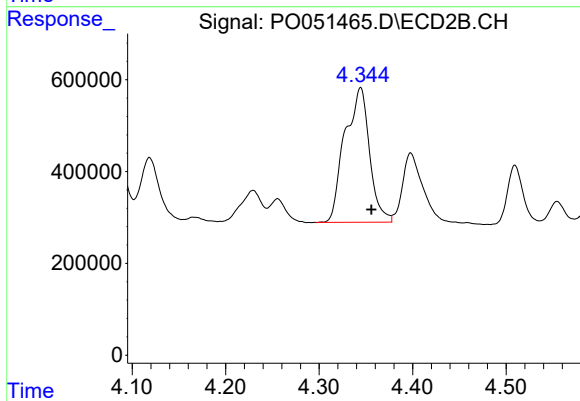
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 4.618 min  
Response: 0  
Conc: N.D.



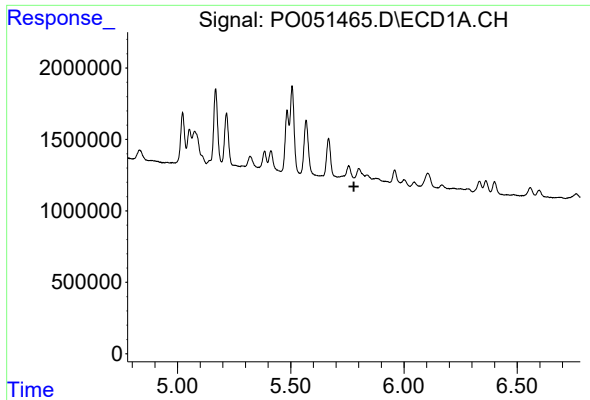
#21 AR-1248-1

R.T.: 5.506 min  
Delta R.T.: -0.001 min  
Response: 7364049  
Conc: 112.84 ng/ml



#21 AR-1248-1

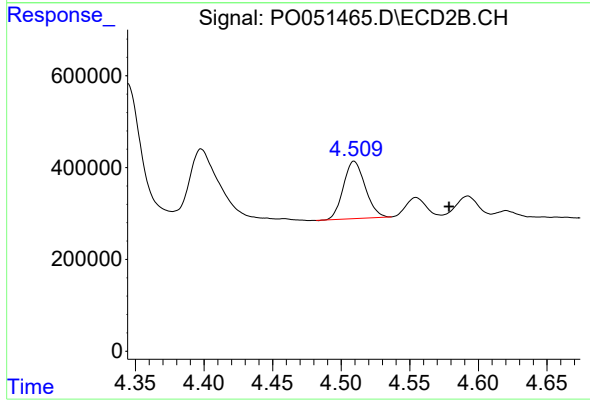
R.T.: 4.344 min  
Delta R.T.: -0.011 min  
Response: 5388165  
Conc: 196.43 ng/ml



#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.778 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#22 AR-1248-2

R.T.: 4.509 min  
Delta R.T.: -0.069 min  
Response: 1380653  
Conc: 48.65 ng/ml