

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0051719\  
 Data File : P0056346.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 May 2019 2:29  
 Operator : SM/SJ  
 Sample : K2869-07  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 MAIN-BUILDING

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 18 03:12:40 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0051719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri May 17 23:42:43 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... | 4.258 | 3.577 | 924867 | 833484 | 19.927  | 19.834   |
| 2)                          | SA Decachlor... | 9.841 | 8.516 | 914184 | 750023 | 19.034  | 18.468   |
| Target Compounds            |                 |       |       |        |        |         |          |
| 3)                          | L1 AR-1016-1    | 5.468 | 0.000 | 62348  | 0      | 30.253  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.468 | 0.000 | 62348  | 0      | 21.389  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.468 | 0.000 | 62348  | 0      | 33.977  | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.570 | 0.000 | 48937  | 0      | 32.434  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 5.850 | 5.037 | 69169  | 84848  | 44.493  | 59.919 # |
| 8)                          | L2 AR-1221-1    | 4.446 | 0.000 | 74870  | 0      | 127.597 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.552 | 0.000 | 31744  | 0      | 70.447  | N.D. #   |
| 10)                         | L2 AR-1221-3    | 0.000 | 4.006 | 0      | 101216 | N.D.    | 85.704 # |
| 11)                         | L3 AR-1232-1    | 0.000 | 4.006 | 0      | 101216 | N.D.    | 68.708 # |
| 13)                         | L3 AR-1232-3    | 5.468 | 0.000 | 62348  | 0      | 31.607  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.570 | 0.000 | 48937  | 0      | 48.302  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.740 | 5.037 | 21082  | 84848  | 26.315  | 95.334 # |
| 16)                         | L4 AR-1242-1    | 5.468 | 0.000 | 62348  | 0      | 38.624  | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.468 | 0.000 | 62348  | 0      | 27.487  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.468 | 0.000 | 62348  | 0      | 42.968  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.570 | 0.000 | 48937  | 0      | 40.978  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.276 | 5.448 | 34263  | 70395  | 25.140  | 55.759 # |
| 21)                         | L5 AR-1248-1    | 5.468 | 0.000 | 62348  | 0      | 49.655  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 5.740 | 0.000 | 21082  | 0      | 11.930  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 5.850 | 0.000 | 69169  | 0      | 35.575  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.276 | 5.037 | 34263  | 84848  | 15.655  | 47.736 # |
| 25)                         | L5 AR-1248-5    | 6.276 | 5.448 | 34263  | 70395  | 16.305  | 41.261 # |
| 26)                         | L6 AR-1254-1    | 6.276 | 5.448 | 34263  | 70395  | 14.905  | 24.911 # |
| 27)                         | L6 AR-1254-2    | 6.493 | 5.544 | 41783  | 80807  | 11.653  | 32.829 # |
| 28)                         | L6 AR-1254-3    | 6.870 | 5.928 | 81933  | 99155  | 21.439  | 24.611   |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.598 | 0      | 68408  | N.D.    | 19.103 # |
| 32)                         | L7 AR-1260-2    | 7.334 | 6.298 | 119584 | 83502  | 36.298  | 25.393 # |
| 33)                         | L7 AR-1260-3    | 7.654 | 6.505 | 41069  | 40202  | 16.239  | 13.485   |
| 35)                         | L7 AR-1260-5    | 8.109 | 0.000 | 49794  | 0      | 9.683   | N.D. #   |
| 36)                         | L8 AR-1262-1    | 7.654 | 6.662 | 41069  | 78323  | 11.328  | 19.820 # |
| 37)                         | L8 AR-1262-2    | 8.109 | 0.000 | 49794  | 0      | 8.461   | N.D. #   |
| 38)                         | L8 AR-1262-3    | 8.507 | 0.000 | 74725  | 0      | 18.431  | N.D. #   |
| 39)                         | L8 AR-1262-4    | 8.507 | 0.000 | 74725  | 0      | 24.368  | N.D. #   |
| 41)                         | L9 AR-1268-1    | 8.507 | 0.000 | 74725  | 0      | 11.090  | N.D. #   |
| 42)                         | L9 AR-1268-2    | 8.507 | 0.000 | 74725  | 0      | 12.154  | N.D. #   |
| -----                       |                 |       |       |        |        |         |          |

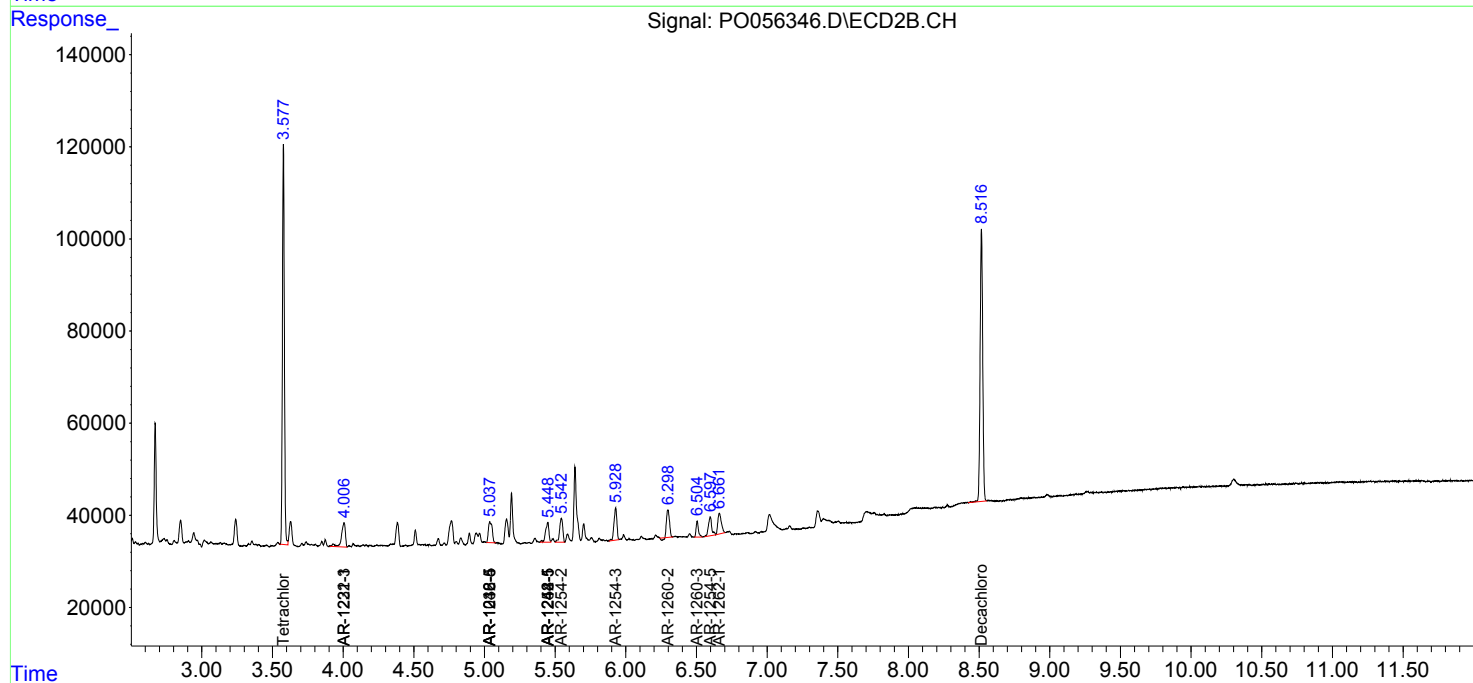
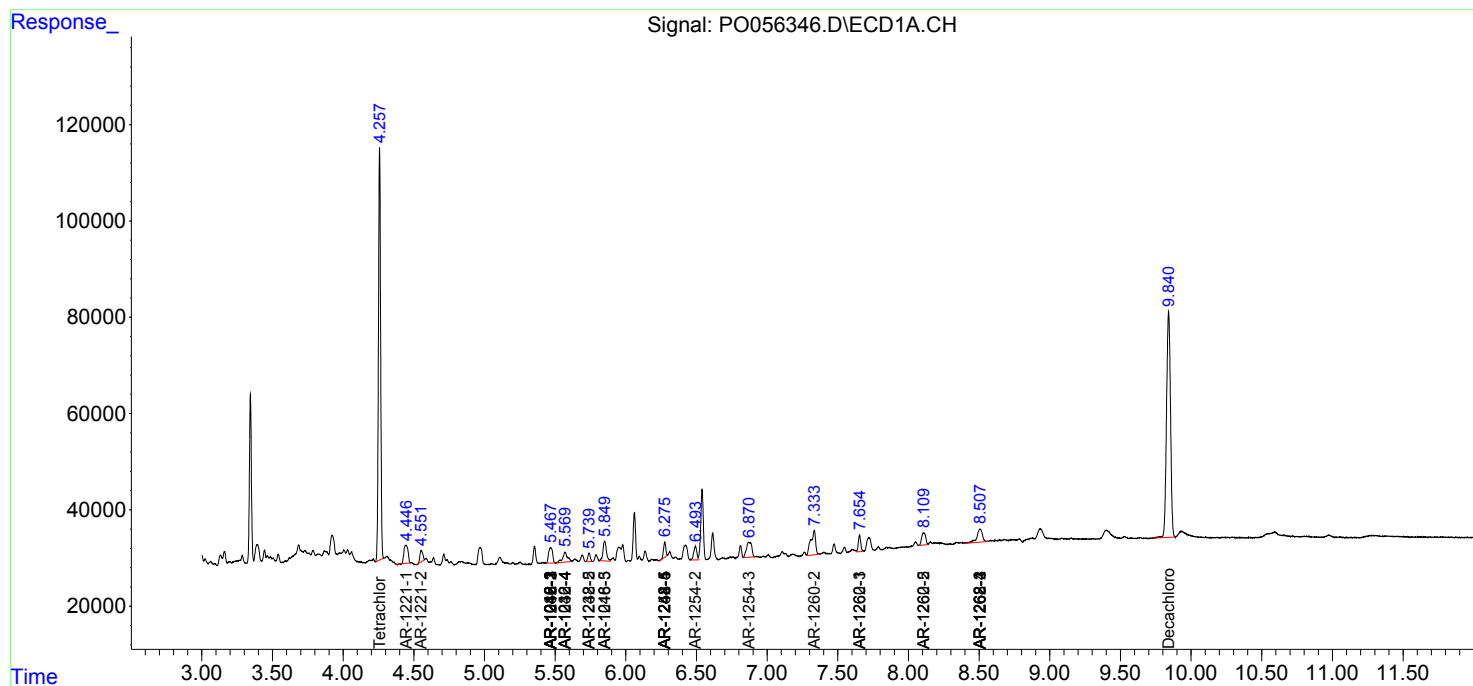
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

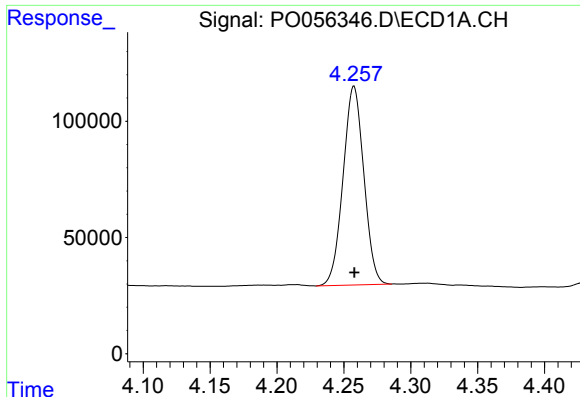
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO051719\  
Data File : PO056346.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 May 2019 2:29  
Operator : SM/SJ  
Sample : K2869-07  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
MAIN-BUILDING

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 18 03:12:40 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO051719.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri May 17 23:42:43 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

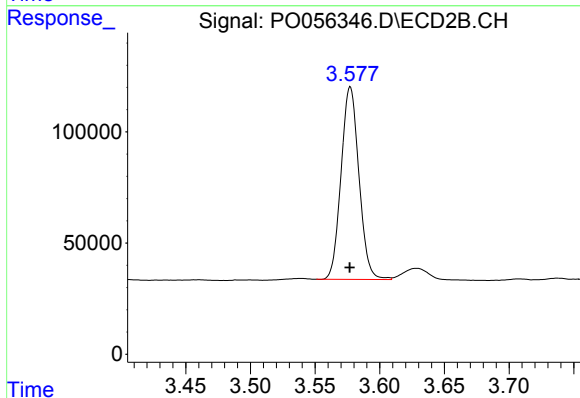




#1 Tetrachloro-m-xylene

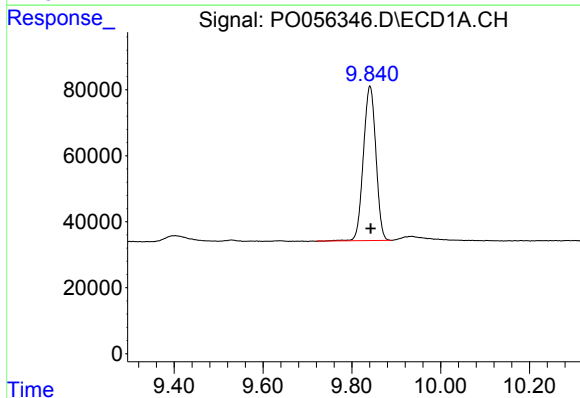
R.T.: 4.258 min  
Delta R.T.: 0.000 min  
Response: 924867  
Conc: 19.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



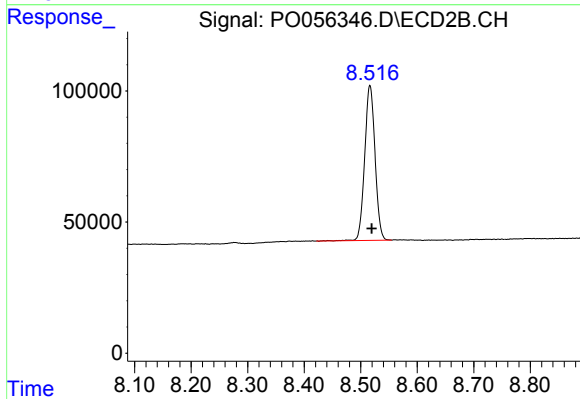
#1 Tetrachloro-m-xylene

R.T.: 3.577 min  
Delta R.T.: 0.000 min  
Response: 833484  
Conc: 19.83 ng/ml



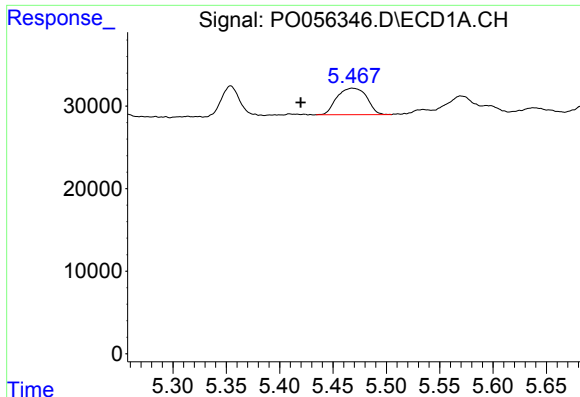
#2 Decachlorobiphenyl

R.T.: 9.841 min  
Delta R.T.: -0.002 min  
Response: 914184  
Conc: 19.03 ng/ml



#2 Decachlorobiphenyl

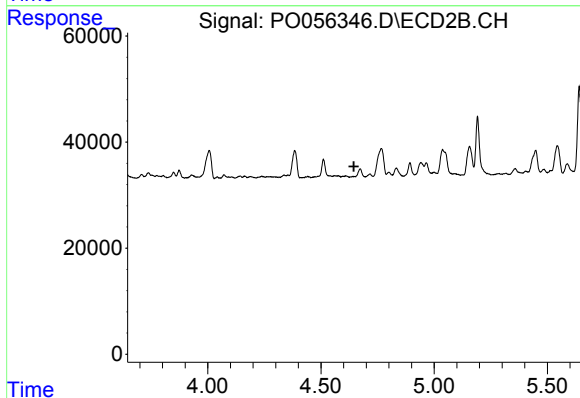
R.T.: 8.516 min  
Delta R.T.: -0.003 min  
Response: 750023  
Conc: 18.47 ng/ml



#3 AR-1016-1

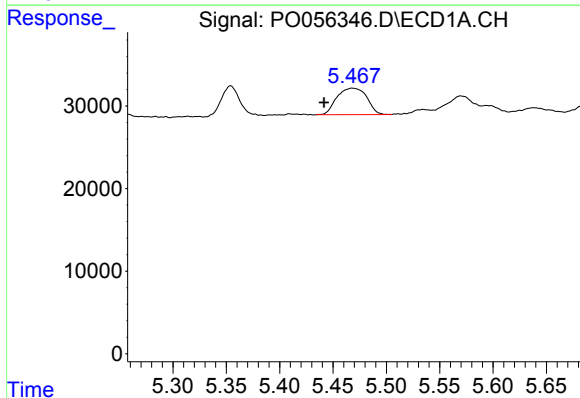
R.T.: 5.468 min  
Delta R.T.: 0.048 min  
Response: 62348  
Conc: 30.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



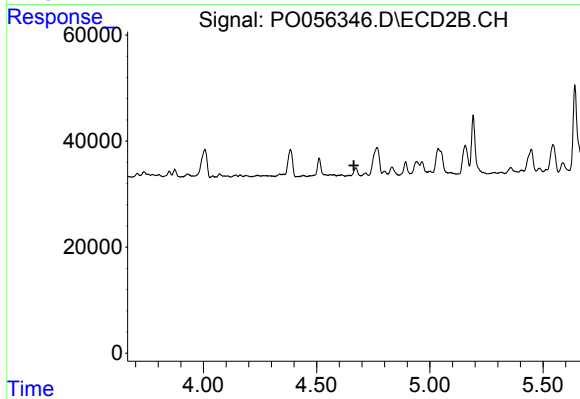
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.645 min  
Response: 0  
Conc: N.D.



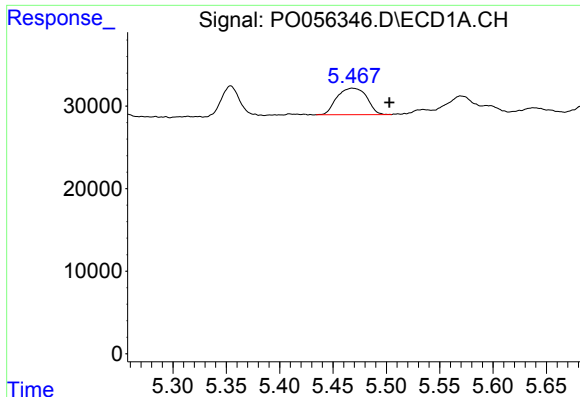
#4 AR-1016-2

R.T.: 5.468 min  
Delta R.T.: 0.026 min  
Response: 62348  
Conc: 21.39 ng/ml



#4 AR-1016-2

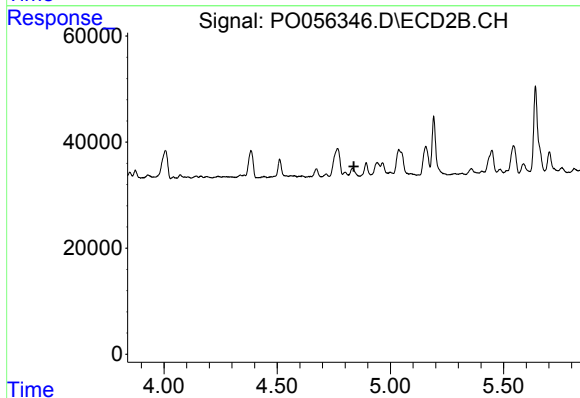
R.T.: 0.000 min  
Exp R.T. : 4.664 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

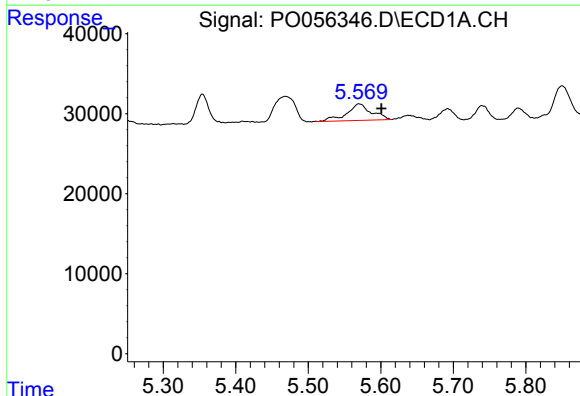
R.T.: 5.468 min  
Delta R.T.: -0.035 min  
Response: 62348  
Conc: 33.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



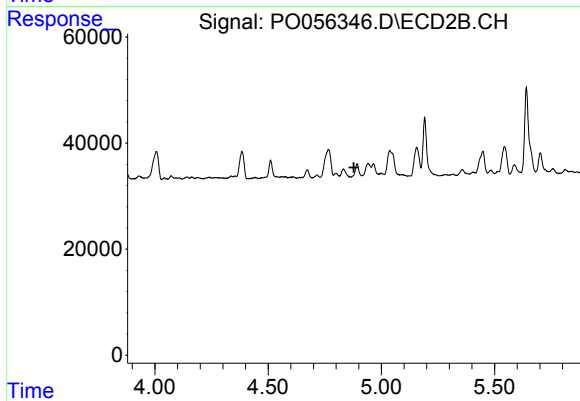
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.838 min  
Response: 0  
Conc: N.D.



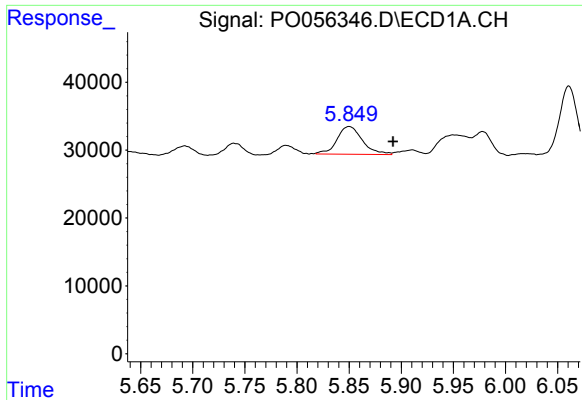
#6 AR-1016-4

R.T.: 5.570 min  
Delta R.T.: -0.031 min  
Response: 48937  
Conc: 32.43 ng/ml



#6 AR-1016-4

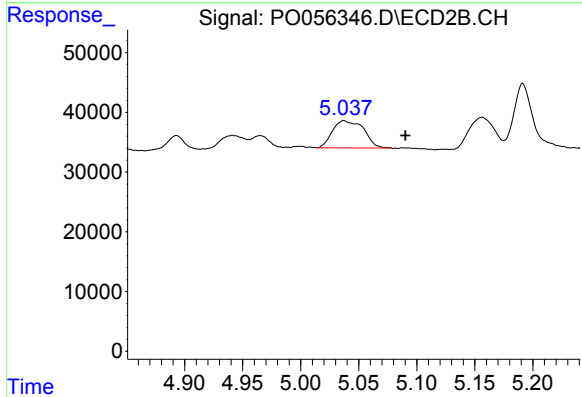
R.T.: 0.000 min  
Exp R.T. : 4.879 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

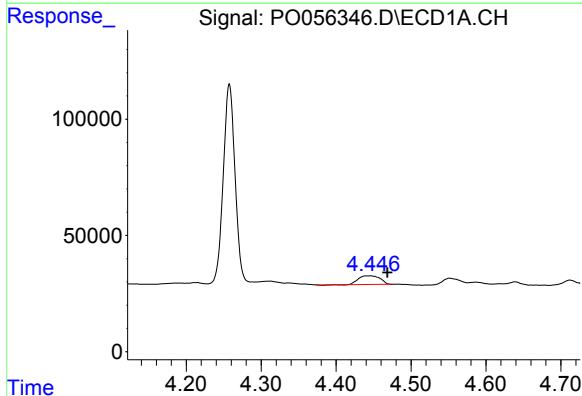
R.T.: 5.850 min  
Delta R.T.: -0.042 min  
Response: 69169  
Conc: 44.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



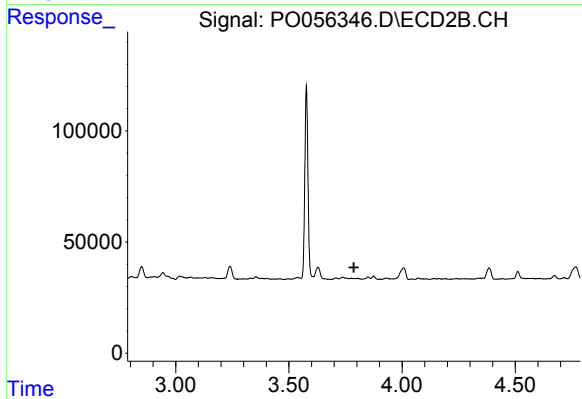
#7 AR-1016-5

R.T.: 5.037 min  
Delta R.T.: -0.053 min  
Response: 84848  
Conc: 59.92 ng/ml



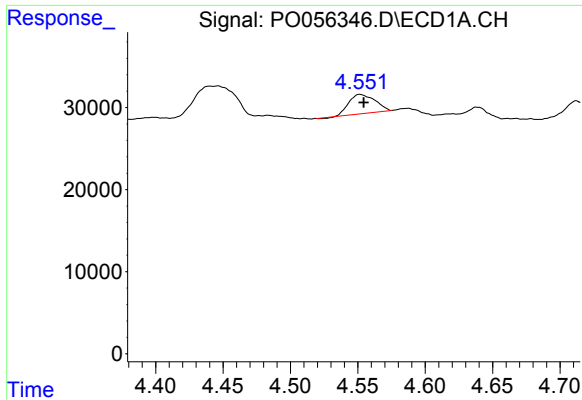
#8 AR-1221-1

R.T.: 4.446 min  
Delta R.T.: -0.022 min  
Response: 74870  
Conc: 127.60 ng/ml



#8 AR-1221-1

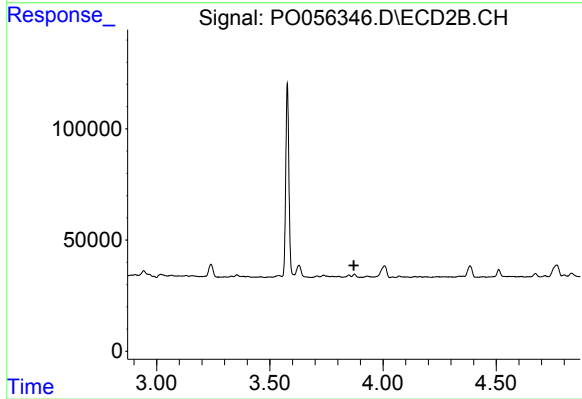
R.T.: 0.000 min  
Exp R.T.: 3.787 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

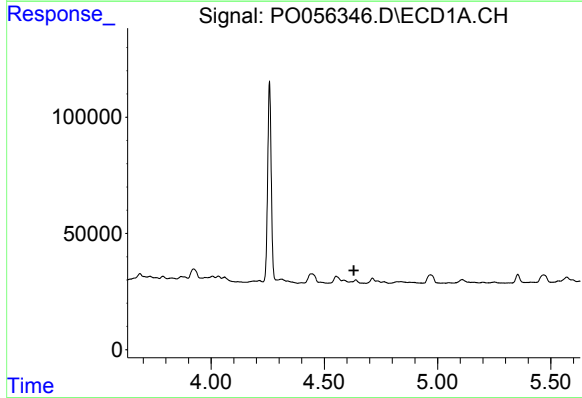
R.T.: 4.552 min  
Delta R.T.: -0.003 min  
Response: 31744  
Conc: 70.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



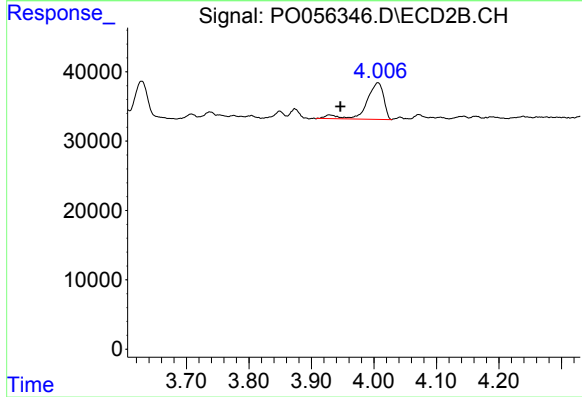
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.871 min  
Response: 0  
Conc: N.D.



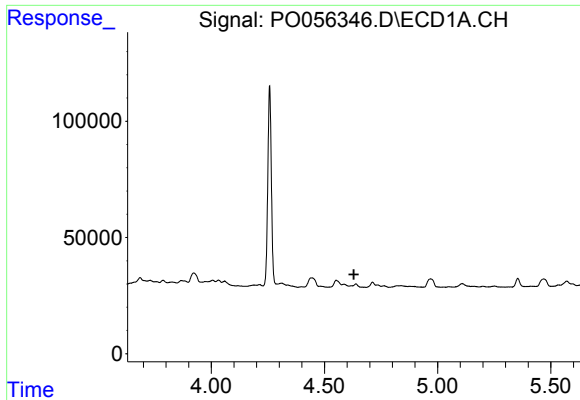
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.630 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

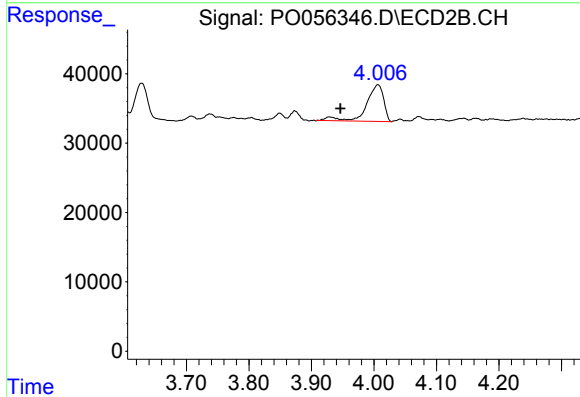
R.T.: 4.006 min  
Delta R.T.: 0.060 min  
Response: 101216  
Conc: 85.70 ng/ml



#11 AR-1232-1

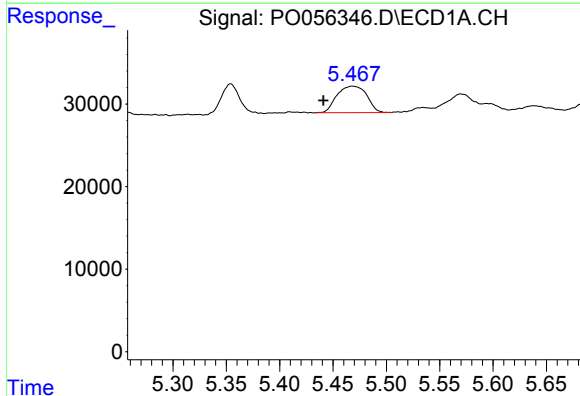
R.T.: 0.000 min  
Exp R.T.: 4.630 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



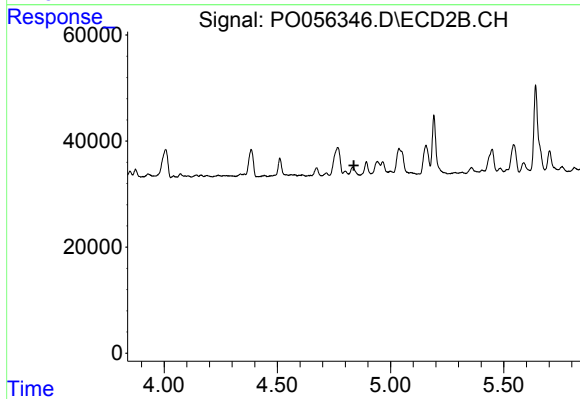
#11 AR-1232-1

R.T.: 4.006 min  
Delta R.T.: 0.060 min  
Response: 101216  
Conc: 68.71 ng/ml



#13 AR-1232-3

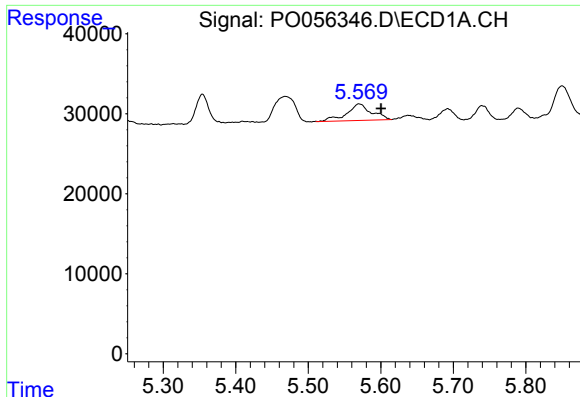
R.T.: 5.468 min  
Delta R.T.: 0.027 min  
Response: 62348  
Conc: 31.61 ng/ml



#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 4.838 min  
Response: 0  
Conc: N.D.

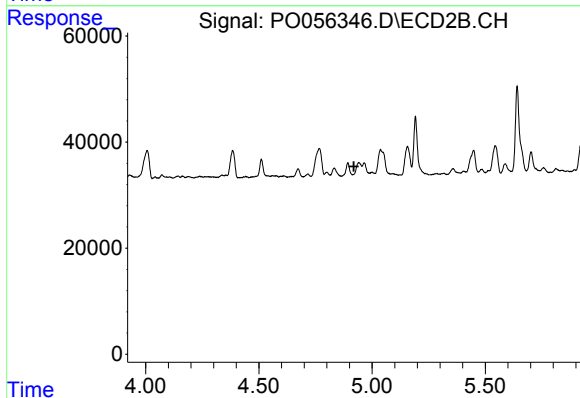




#14 AR-1232-4

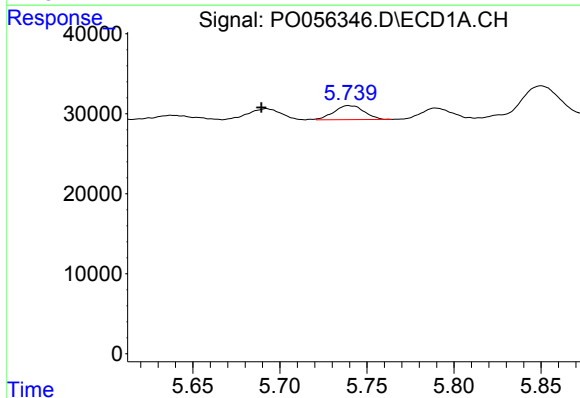
R.T.: 5.570 min  
Delta R.T.: -0.031 min  
Response: 48937  
Conc: 48.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



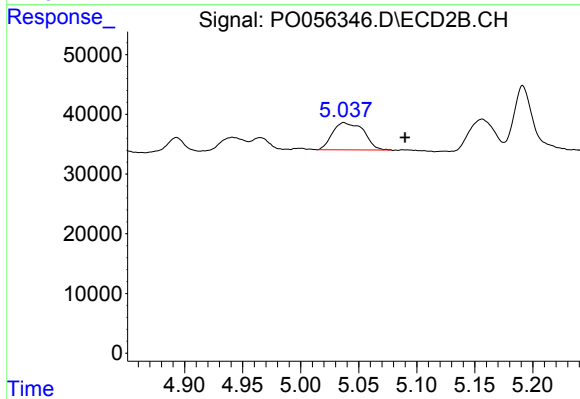
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 4.920 min  
Response: 0  
Conc: N.D.



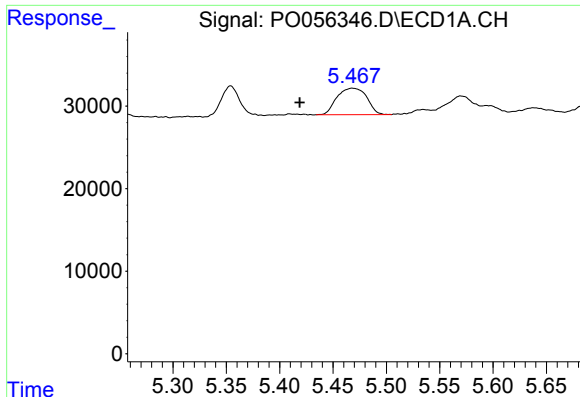
#15 AR-1232-5

R.T.: 5.740 min  
Delta R.T.: 0.050 min  
Response: 21082  
Conc: 26.31 ng/ml



#15 AR-1232-5

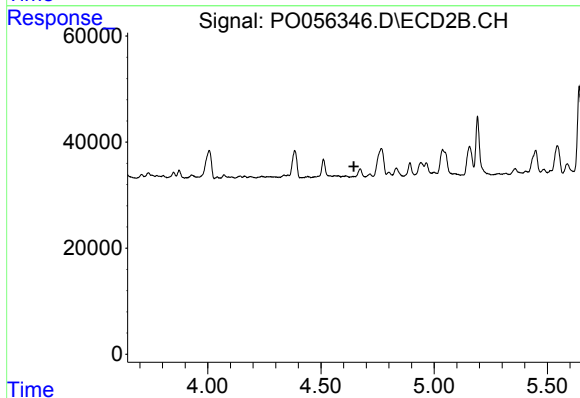
R.T.: 5.037 min  
Delta R.T.: -0.053 min  
Response: 84848  
Conc: 95.33 ng/ml



#16 AR-1242-1

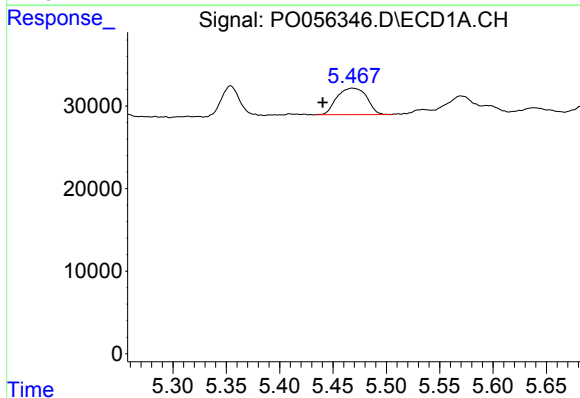
R.T.: 5.468 min  
Delta R.T.: 0.049 min  
Response: 62348  
Conc: 38.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



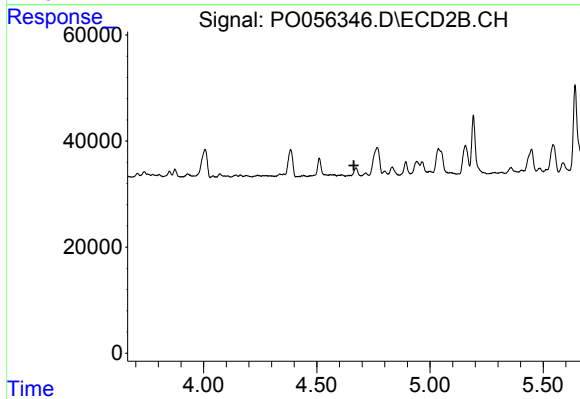
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.646 min  
Response: 0  
Conc: N.D.



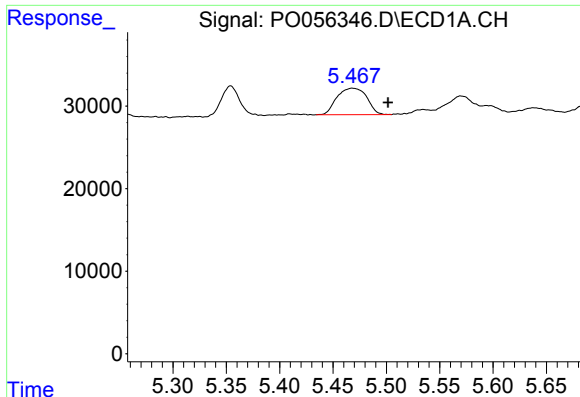
#17 AR-1242-2

R.T.: 5.468 min  
Delta R.T.: 0.027 min  
Response: 62348  
Conc: 27.49 ng/ml



#17 AR-1242-2

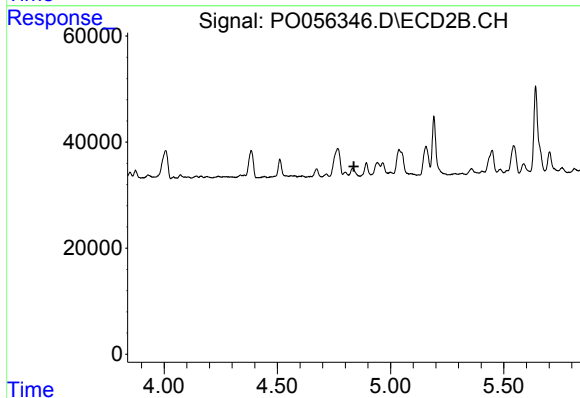
R.T.: 0.000 min  
Exp R.T. : 4.664 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

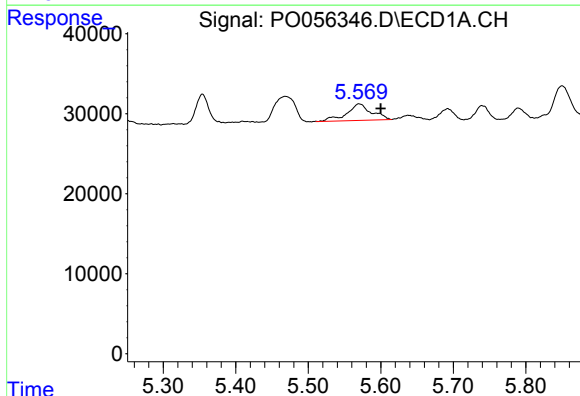
R.T.: 5.468 min  
Delta R.T.: -0.034 min  
Response: 62348  
Conc: 42.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



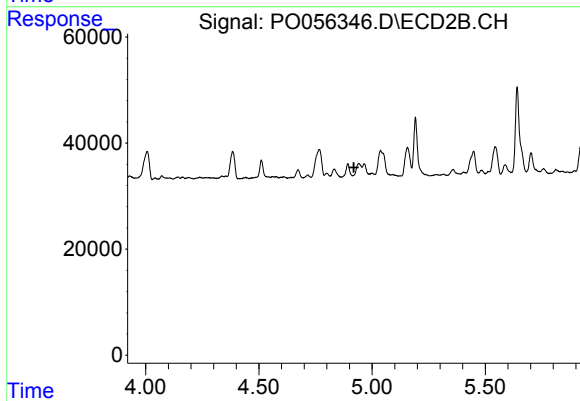
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.838 min  
Response: 0  
Conc: N.D.



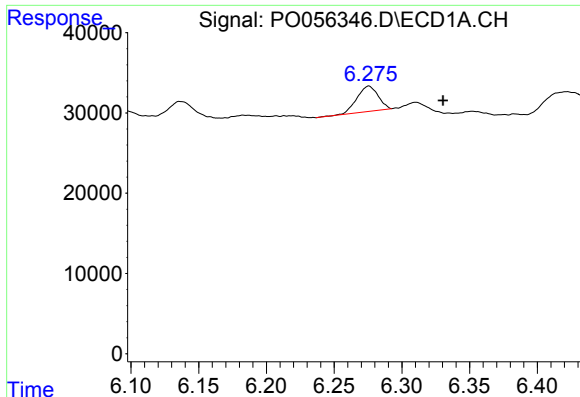
#19 AR-1242-4

R.T.: 5.570 min  
Delta R.T.: -0.030 min  
Response: 48937  
Conc: 40.98 ng/ml



#19 AR-1242-4

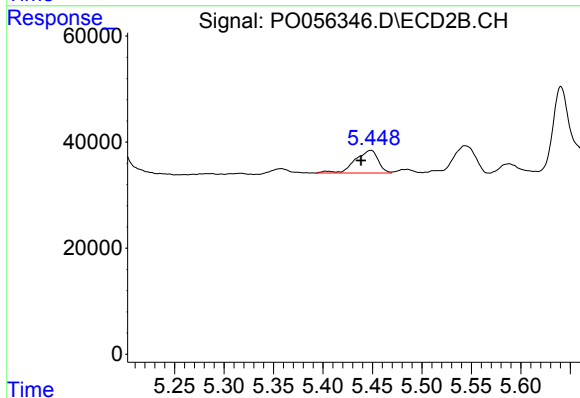
R.T.: 0.000 min  
Exp R.T. : 4.920 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

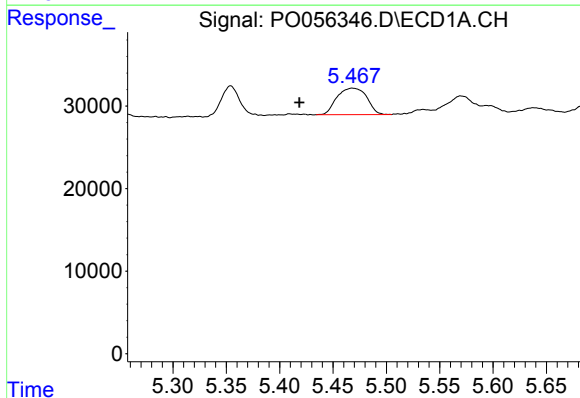
R.T.: 6.276 min  
Delta R.T.: -0.055 min  
Response: 34263  
Conc: 25.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



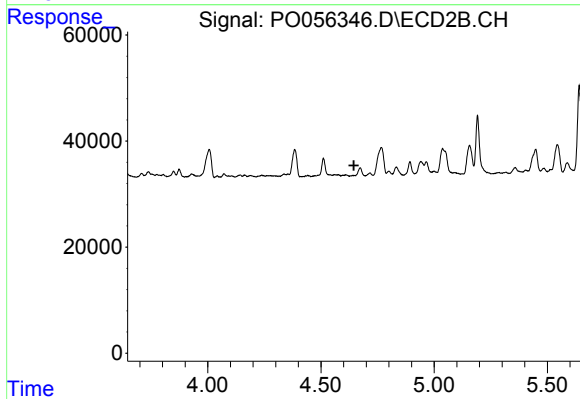
#20 AR-1242-5

R.T.: 5.448 min  
Delta R.T.: 0.010 min  
Response: 70395  
Conc: 55.76 ng/ml



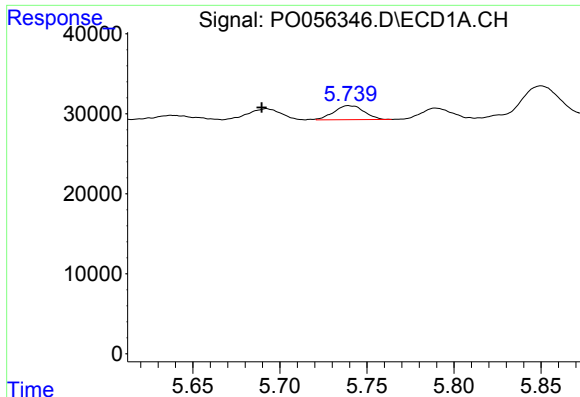
#21 AR-1248-1

R.T.: 5.468 min  
Delta R.T.: 0.049 min  
Response: 62348  
Conc: 49.66 ng/ml



#21 AR-1248-1

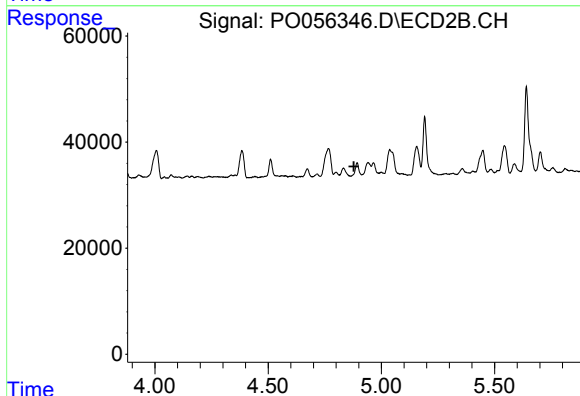
R.T.: 0.000 min  
Exp R.T.: 4.646 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

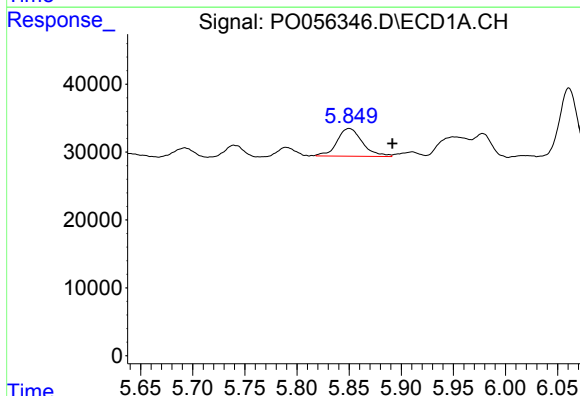
R.T.: 5.740 min  
Delta R.T.: 0.050 min  
Response: 21082  
Conc: 11.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



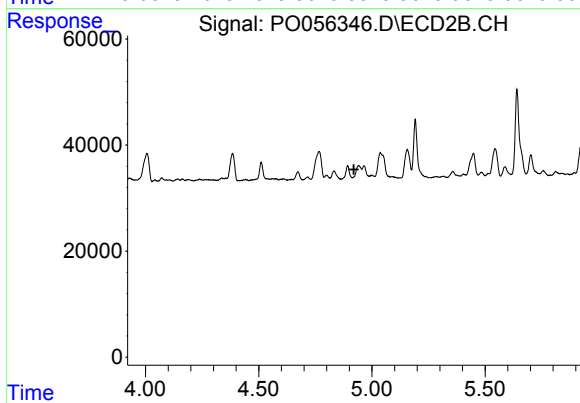
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 4.878 min  
Response: 0  
Conc: N.D.



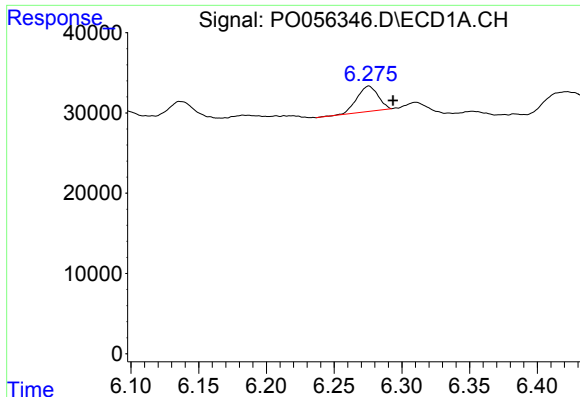
#23 AR-1248-3

R.T.: 5.850 min  
Delta R.T.: -0.041 min  
Response: 69169  
Conc: 35.58 ng/ml



#23 AR-1248-3

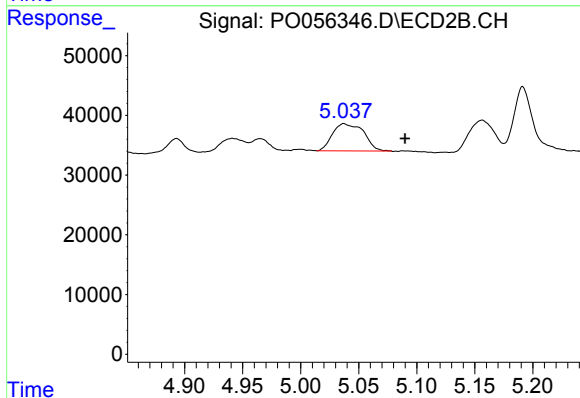
R.T.: 0.000 min  
Exp R.T. : 4.920 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

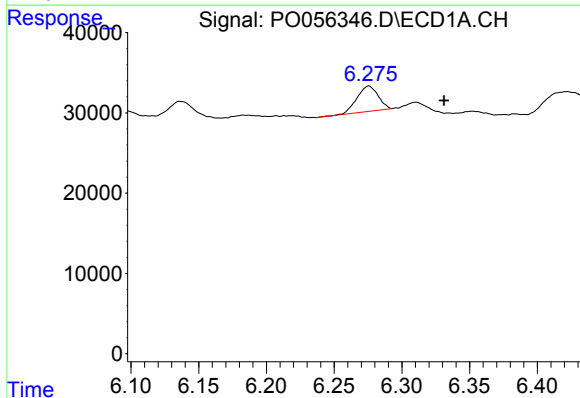
R.T.: 6.276 min  
Delta R.T.: -0.018 min  
Response: 34263  
Conc: 15.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



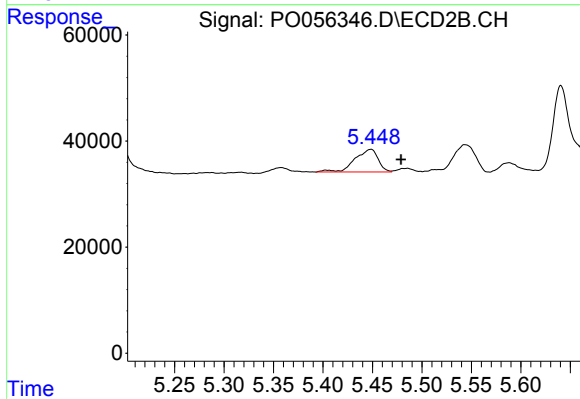
#24 AR-1248-4

R.T.: 5.037 min  
Delta R.T.: -0.053 min  
Response: 84848  
Conc: 47.74 ng/ml



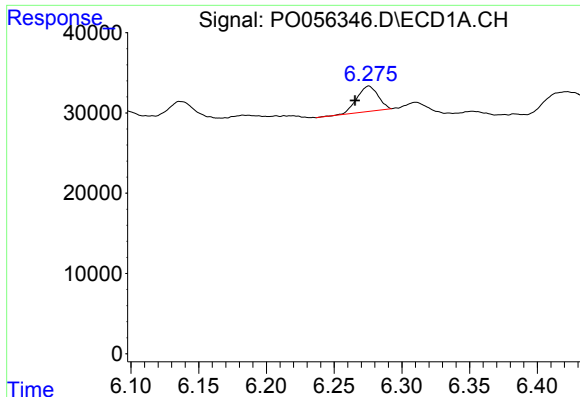
#25 AR-1248-5

R.T.: 6.276 min  
Delta R.T.: -0.056 min  
Response: 34263  
Conc: 16.30 ng/ml



#25 AR-1248-5

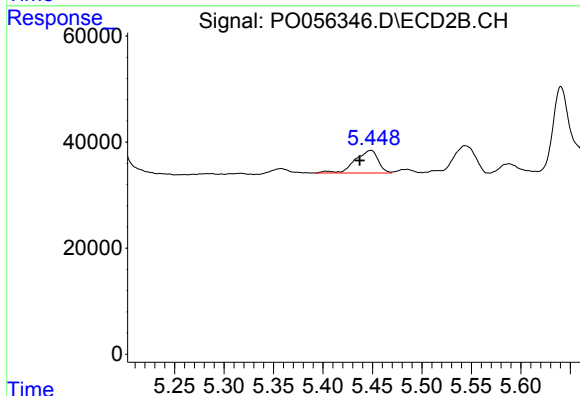
R.T.: 5.448 min  
Delta R.T.: -0.030 min  
Response: 70395  
Conc: 41.26 ng/ml



#26 AR-1254-1

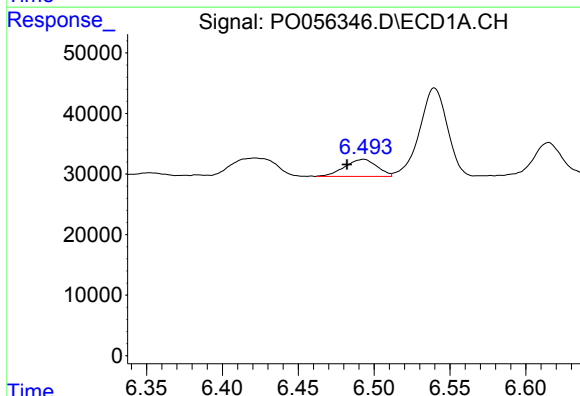
R.T.: 6.276 min  
Delta R.T.: 0.010 min  
Response: 34263  
Conc: 14.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



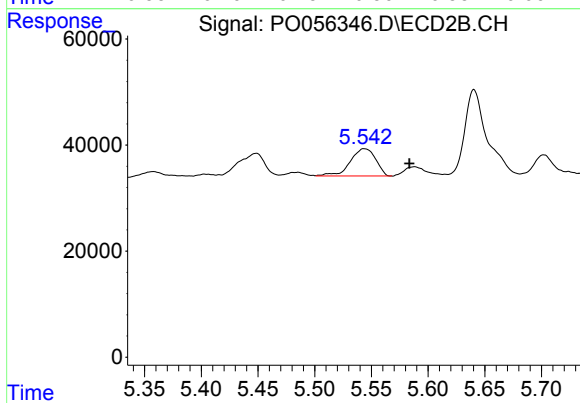
#26 AR-1254-1

R.T.: 5.448 min  
Delta R.T.: 0.011 min  
Response: 70395  
Conc: 24.91 ng/ml



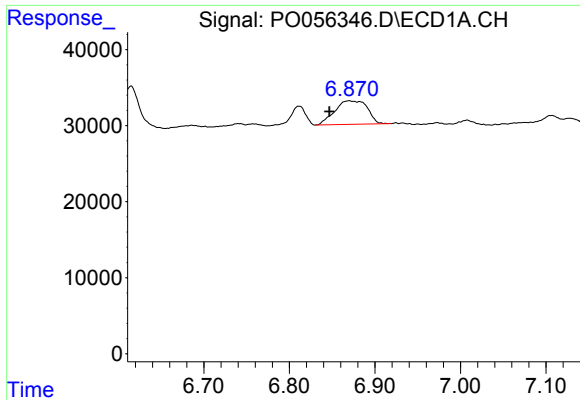
#27 AR-1254-2

R.T.: 6.493 min  
Delta R.T.: 0.011 min  
Response: 41783  
Conc: 11.65 ng/ml



#27 AR-1254-2

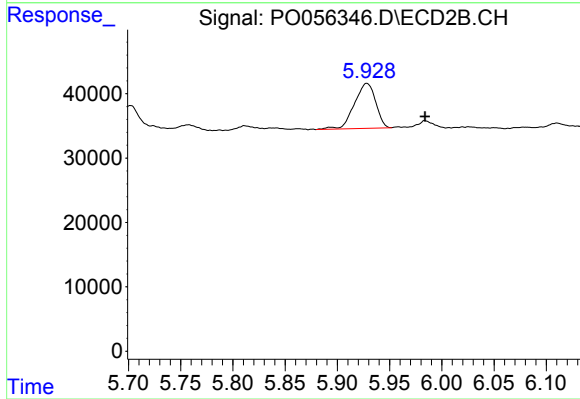
R.T.: 5.544 min  
Delta R.T.: -0.040 min  
Response: 80807  
Conc: 32.83 ng/ml



#28 AR-1254-3

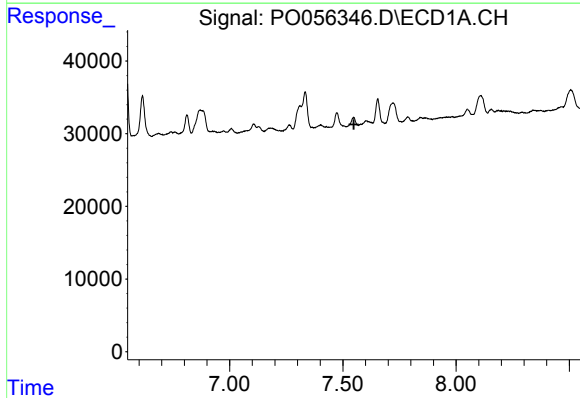
R.T.: 6.870 min  
Delta R.T.: 0.023 min  
Response: 81933  
Conc: 21.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



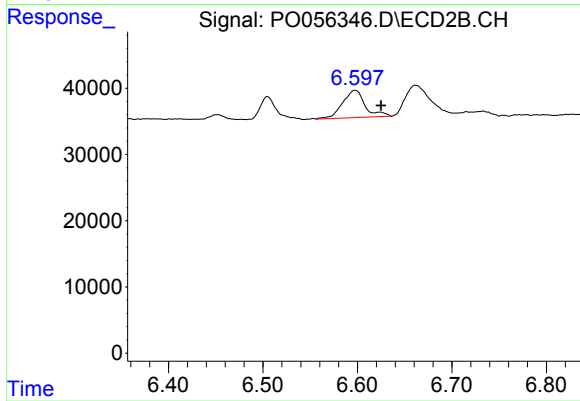
#28 AR-1254-3

R.T.: 5.928 min  
Delta R.T.: -0.056 min  
Response: 99155  
Conc: 24.61 ng/ml



#30 AR-1254-5

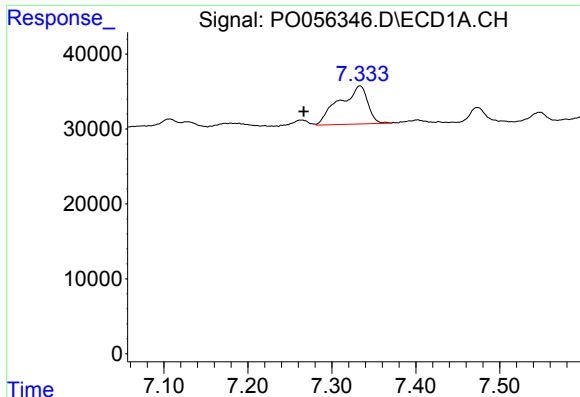
R.T.: 0.000 min  
Exp R.T. : 7.549 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

R.T.: 6.598 min  
Delta R.T.: -0.027 min  
Response: 68408  
Conc: 19.10 ng/ml

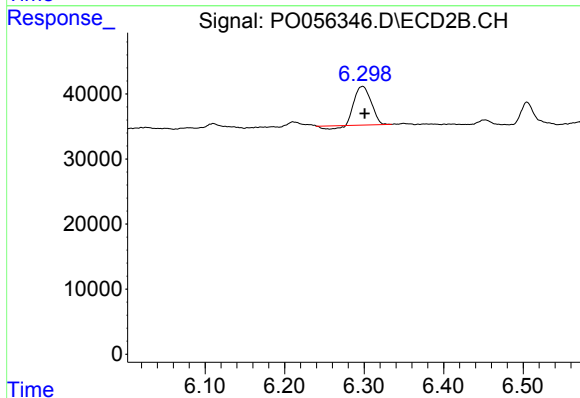




#32 AR-1260-2

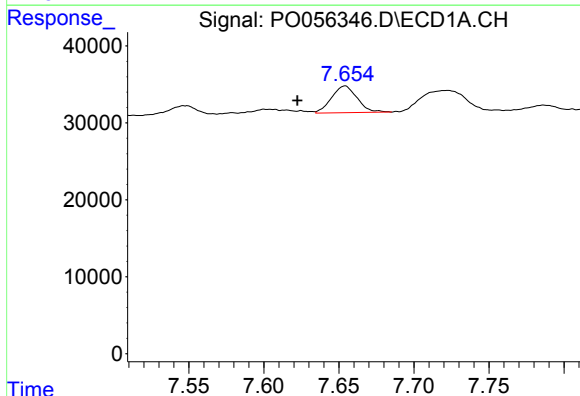
R.T.: 7.334 min  
Delta R.T.: 0.067 min  
Response: 119584  
Conc: 36.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



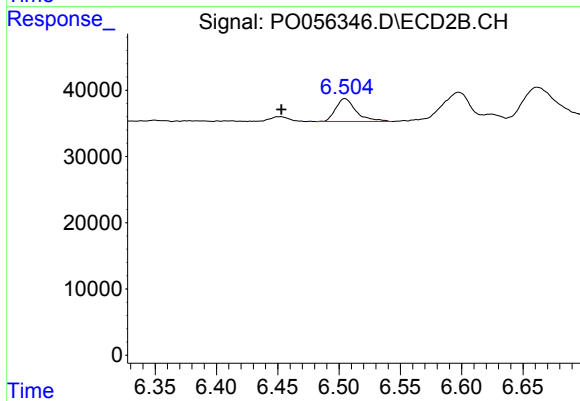
#32 AR-1260-2

R.T.: 6.298 min  
Delta R.T.: -0.003 min  
Response: 83502  
Conc: 25.39 ng/ml



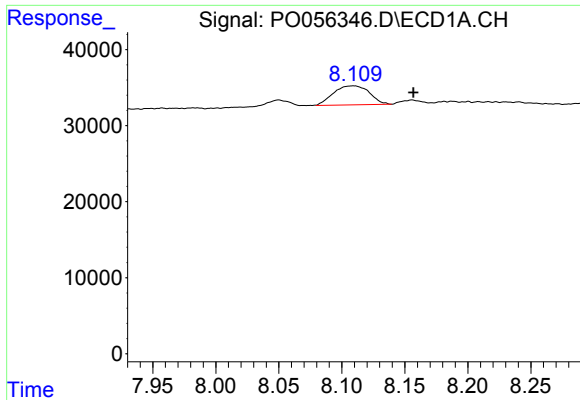
#33 AR-1260-3

R.T.: 7.654 min  
Delta R.T.: 0.032 min  
Response: 41069  
Conc: 16.24 ng/ml



#33 AR-1260-3

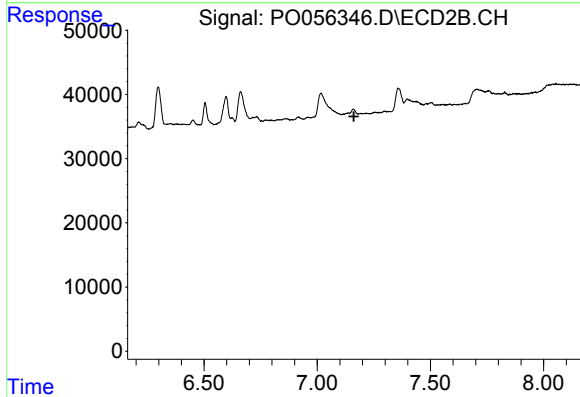
R.T.: 6.505 min  
Delta R.T.: 0.052 min  
Response: 40202  
Conc: 13.48 ng/ml



#35 AR-1260-5

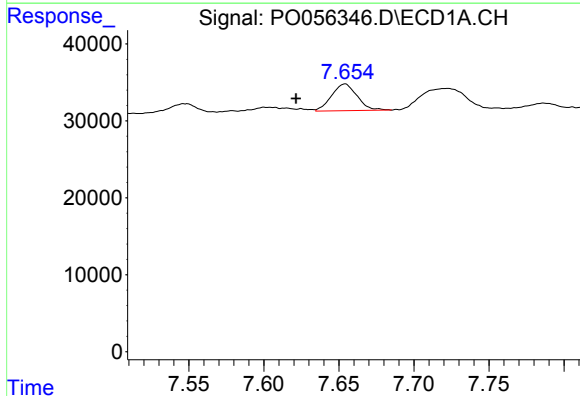
R.T.: 8.109 min  
Delta R.T.: -0.048 min  
Response: 49794  
Conc: 9.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



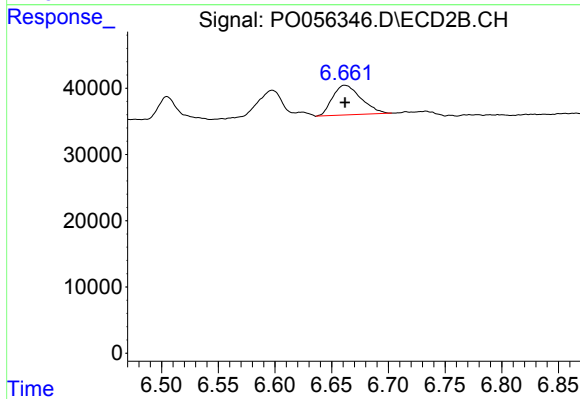
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.162 min  
Response: 0  
Conc: N.D.



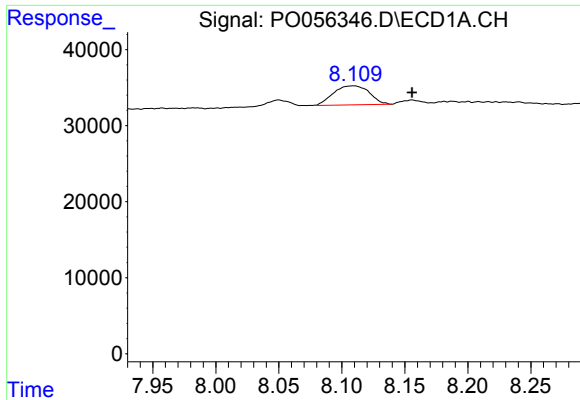
#36 AR-1262-1

R.T.: 7.654 min  
Delta R.T.: 0.033 min  
Response: 41069  
Conc: 11.33 ng/ml



#36 AR-1262-1

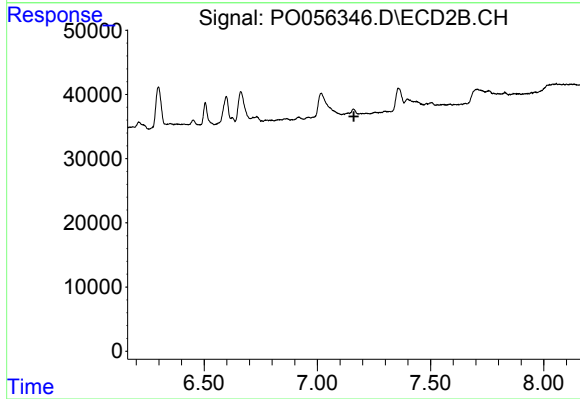
R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 78323  
Conc: 19.82 ng/ml



#37 AR-1262-2

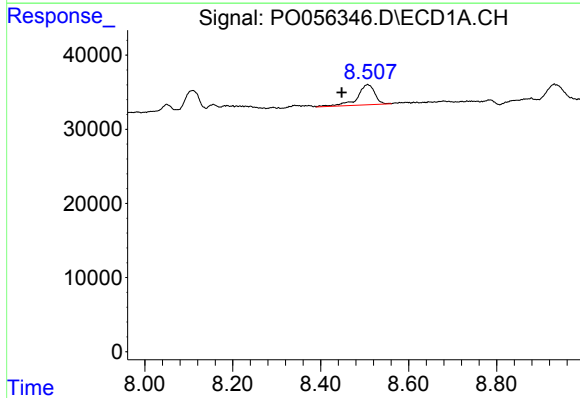
R.T.: 8.109 min  
Delta R.T.: -0.047 min  
Response: 49794  
Conc: 8.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



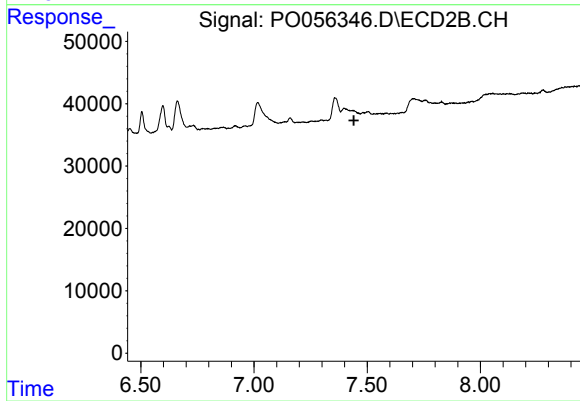
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.161 min  
Response: 0  
Conc: N.D.



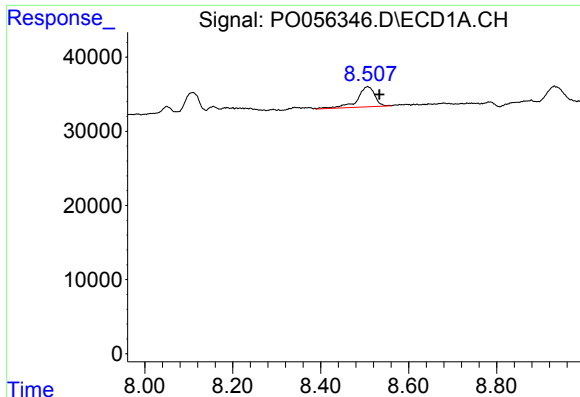
#38 AR-1262-3

R.T.: 8.507 min  
Delta R.T.: 0.059 min  
Response: 74725  
Conc: 18.43 ng/ml



#38 AR-1262-3

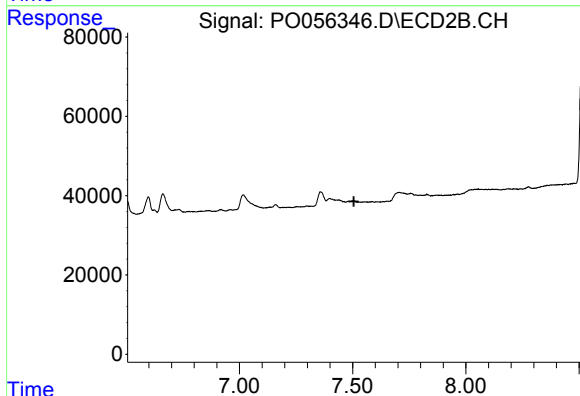
R.T.: 0.000 min  
Exp R.T. : 7.441 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

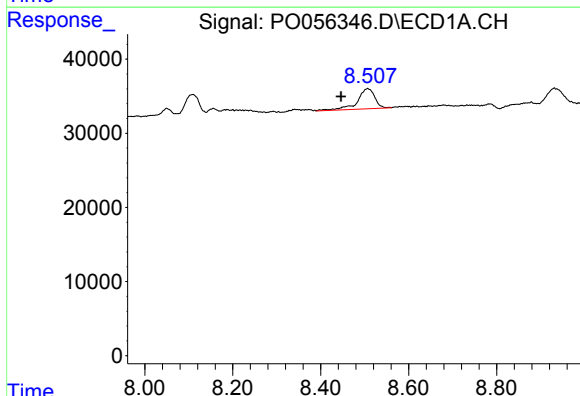
R.T.: 8.507 min  
Delta R.T.: -0.026 min  
Response: 74725  
Conc: 24.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



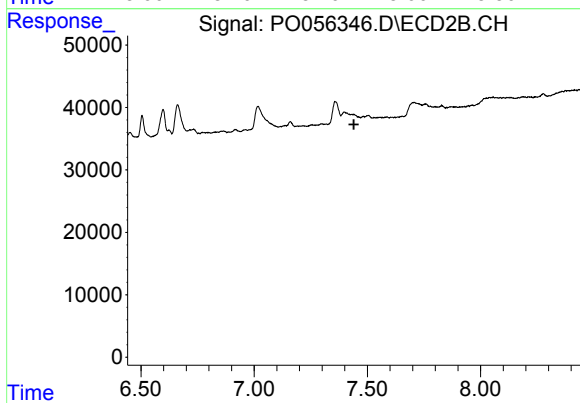
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.505 min  
Response: 0  
Conc: N.D.



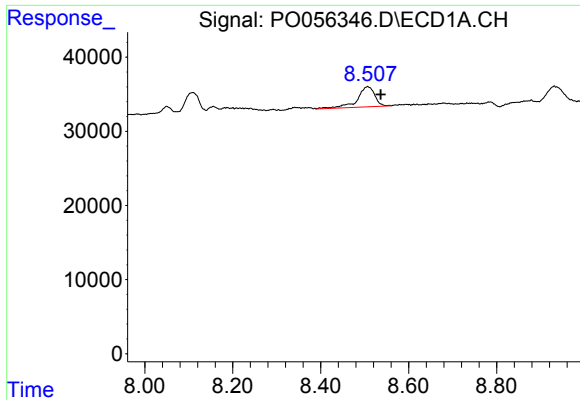
#41 AR-1268-1

R.T.: 8.507 min  
Delta R.T.: 0.060 min  
Response: 74725  
Conc: 11.09 ng/ml



#41 AR-1268-1

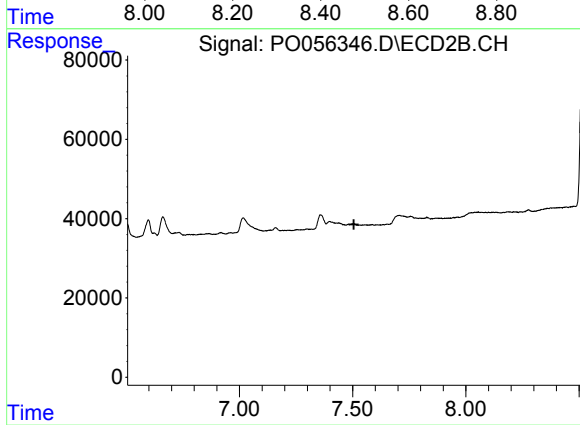
R.T.: 0.000 min  
Exp R.T. : 7.440 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.507 min  
Delta R.T.: -0.029 min  
Response: 74725  
Conc: 12.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
MAIN-BUILDING



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.506 min  
Response: 0  
Conc: N.D.