

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121918\  
 Data File : PO052738.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Dec 2018 12:45  
 Operator : SM/SJ  
 Sample : J6390-02RE 10X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 19 13:29:01 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sun Dec 16 03:01:24 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... | 4.251 | 3.275 | 1617185 | 281917  | 2.062   | 1.330 #   |
| 2)                          | SA Decachlor... | 9.798 | 7.955 | 1087357 | 404263  | 2.158   | 1.832     |
|                             |                 |       |       |         |         |         |           |
| Target Compounds            |                 |       |       |         |         |         |           |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.469 | 0       | 106842  | N.D.    | 19.337 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.503 | 0       | 200876  | N.D.    | 41.549 #  |
| 7)                          | L1 AR-1016-5    | 5.939 | 4.723 | 1236642 | 286886  | 82.745  | 44.570 #  |
| 9)                          | L2 AR-1221-2    | 4.610 | 0.000 | 492878  | 0       | 90.301  | N.D. #    |
| 10)                         | L2 AR-1221-3    | 4.610 | 0.000 | 492878  | 0       | 27.770  | N.D. #    |
| 11)                         | L3 AR-1232-1    | 4.610 | 0.000 | 492878  | 0       | 34.745  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.196 | 0.000 | 352553  | 0       | 47.594  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.469 | 0       | 106842  | N.D.    | 41.997 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.535 | 0       | 97527   | N.D.    | 42.404 #  |
| 15)                         | L3 AR-1232-5    | 5.671 | 4.723 | 443797  | 286886  | 96.197  | 107.625   |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.469 | 0       | 106842  | N.D.    | 22.192 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.535 | 0       | 97527   | N.D.    | 19.918 #  |
| 20)                         | L4 AR-1242-5    | 6.328 | 5.036 | 908723  | 2316525 | 64.512  | 387.270 # |
| 22)                         | L5 AR-1248-2    | 5.671 | 4.503 | 443797  | 200876  | 23.295  | 28.977    |
| 23)                         | L5 AR-1248-3    | 5.939 | 4.535 | 1236642 | 97527   | 57.227  | 14.042 #  |
| 24)                         | L5 AR-1248-4    | 6.253 | 4.723 | 9621485 | 286886  | 421.902 | 33.517 #  |
| 25)                         | L5 AR-1248-5    | 6.328 | 5.036 | 908723  | 2316525 | 41.616  | 279.282 # |
| 26)                         | L6 AR-1254-1    | 6.253 | 5.036 | 9621485 | 2316525 | 385.106 | 168.030 # |
| 28)                         | L6 AR-1254-3    | 6.852 | 0.000 | 1474317 | 0       | 37.420  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.123 | 5.827 | 460567  | 631268  | 16.774  | 56.557 #  |
| 32)                         | L7 AR-1260-2    | 7.214 | 5.827 | 765616  | 631268  | 21.888  | 37.988 #  |
| 35)                         | L7 AR-1260-5    | 8.080 | 0.000 | 274217  | 0       | 5.593   | N.D. #    |
| 37)                         | L8 AR-1262-2    | 8.080 | 0.000 | 274217  | 0       | 4.435   | N.D. #    |
| 43)                         | L9 AR-1268-3    | 8.794 | 0.000 | 797632  | 0       | 10.835  | N.D. #    |
| -----                       |                 |       |       |         |         |         |           |

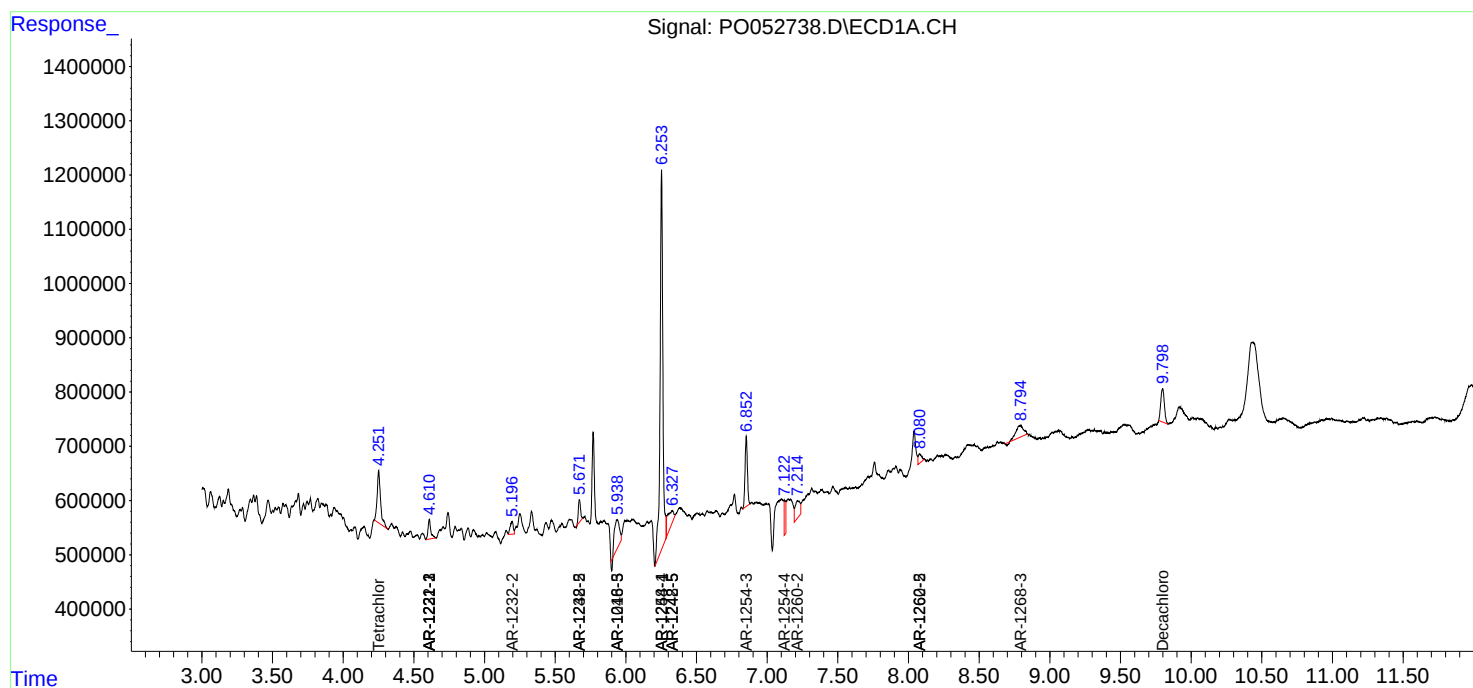
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

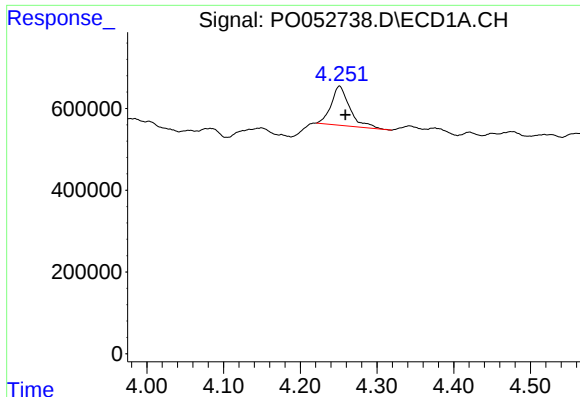
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121918\  
Data File : PO052738.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Dec 2018 12:45  
Operator : SM/SJ  
Sample : J6390-02RE 10X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 19 13:29:01 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sun Dec 16 03:01:24 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

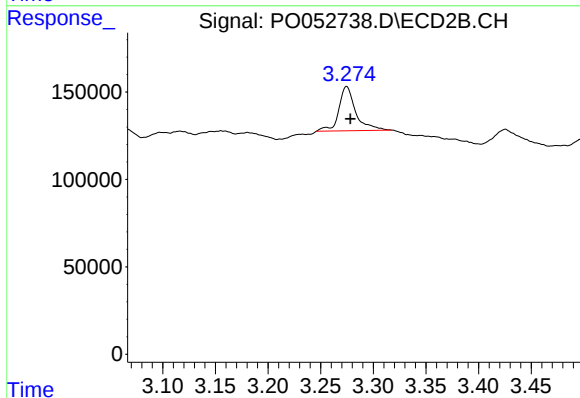




#1 Tetrachloro-m-xylene

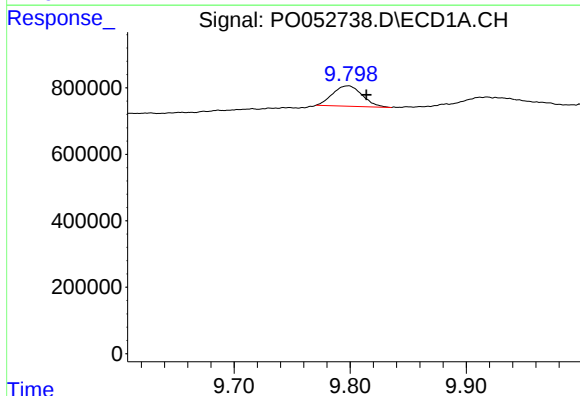
R.T.: 4.251 min  
Delta R.T.: -0.008 min  
Response: 1617185  
Conc: 2.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



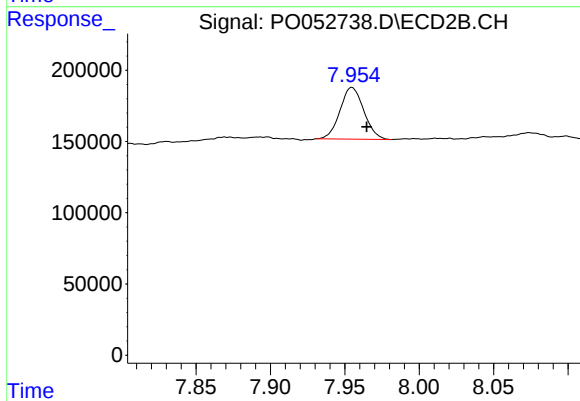
#1 Tetrachloro-m-xylene

R.T.: 3.275 min  
Delta R.T.: -0.004 min  
Response: 281917  
Conc: 1.33 ng/ml



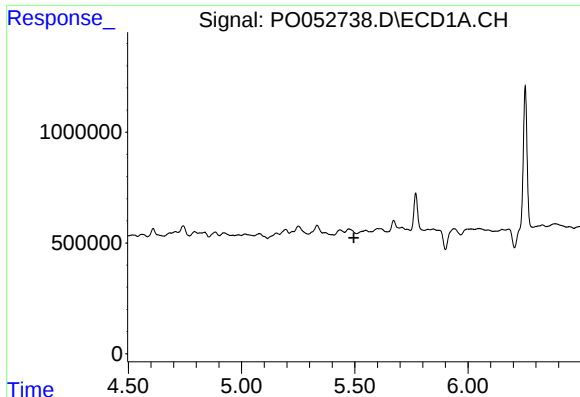
#2 Decachlorobiphenyl

R.T.: 9.798 min  
Delta R.T.: -0.016 min  
Response: 1087357  
Conc: 2.16 ng/ml



#2 Decachlorobiphenyl

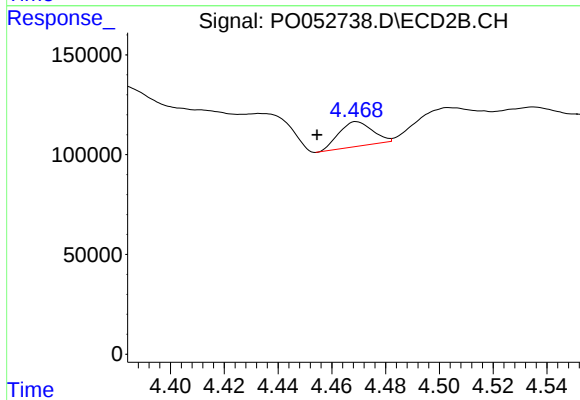
R.T.: 7.955 min  
Delta R.T.: -0.010 min  
Response: 404263  
Conc: 1.83 ng/ml



#5 AR-1016-3

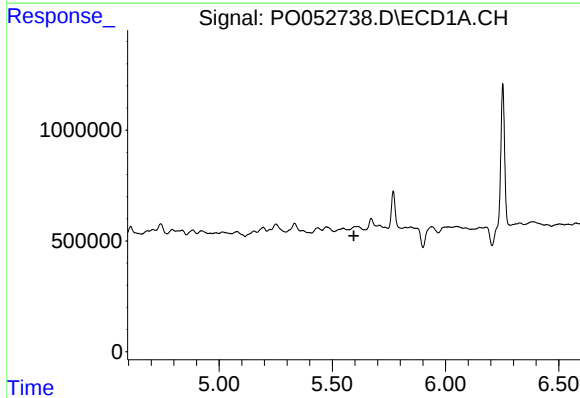
R.T.: 0.000 min  
Exp R.T.: 5.496 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



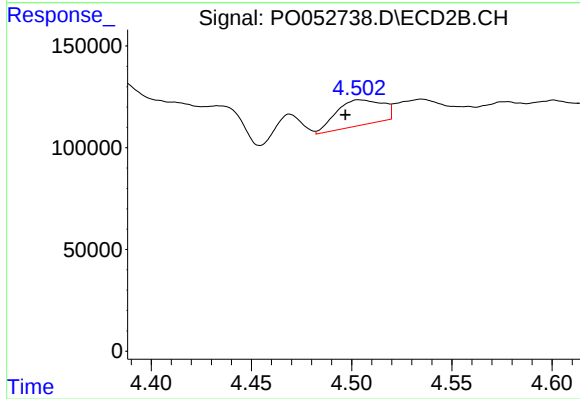
#5 AR-1016-3

R.T.: 4.469 min  
Delta R.T.: 0.015 min  
Response: 106842  
Conc: 19.34 ng/ml



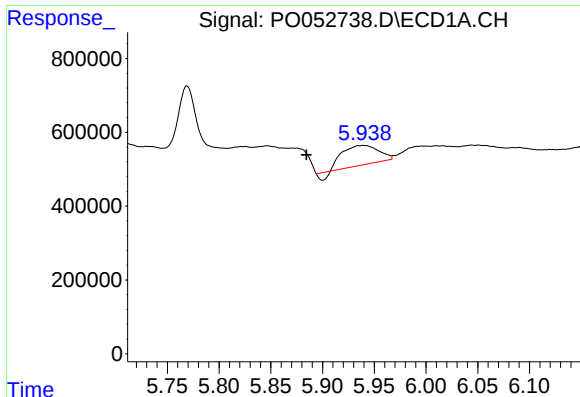
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.595 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

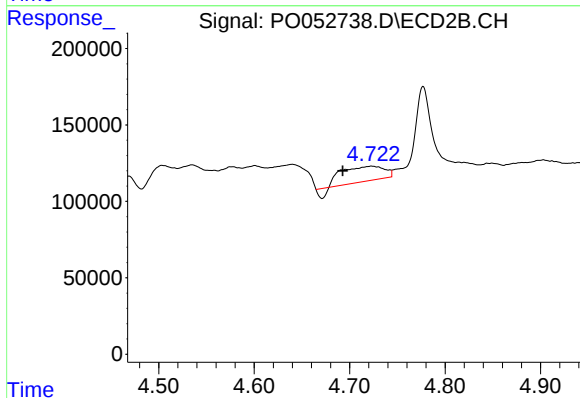
R.T.: 4.503 min  
Delta R.T.: 0.006 min  
Response: 200876  
Conc: 41.55 ng/ml



#7 AR-1016-5

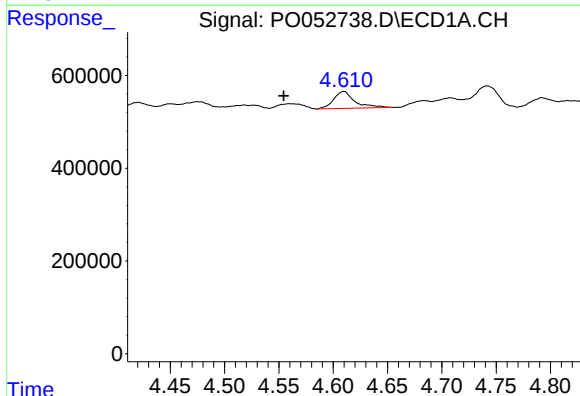
R.T.: 5.939 min  
Delta R.T.: 0.055 min  
Response: 1236642  
Conc: 82.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



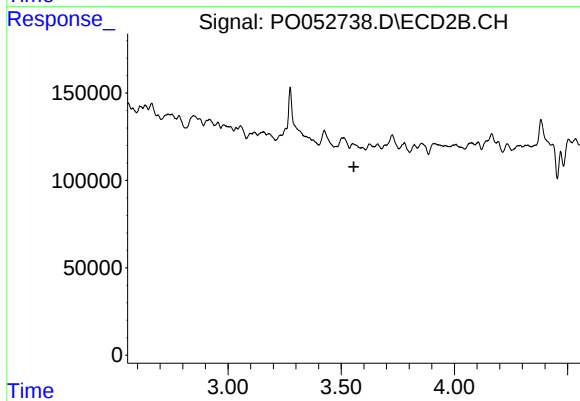
#7 AR-1016-5

R.T.: 4.723 min  
Delta R.T.: 0.030 min  
Response: 286886  
Conc: 44.57 ng/ml



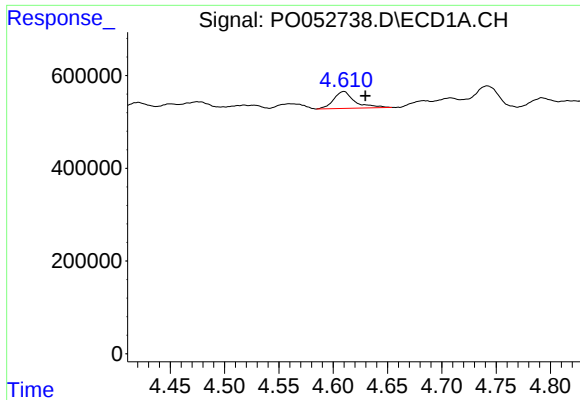
#9 AR-1221-2

R.T.: 4.610 min  
Delta R.T.: 0.055 min  
Response: 492878  
Conc: 90.30 ng/ml



#9 AR-1221-2

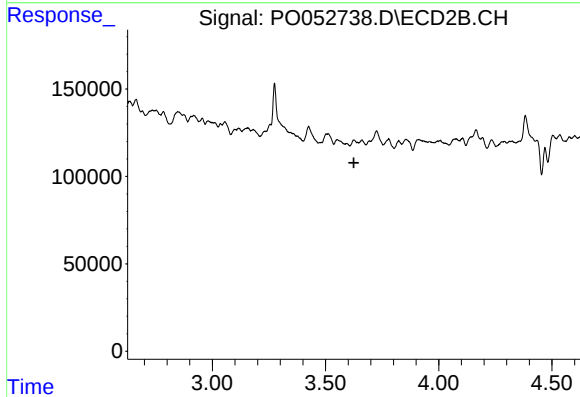
R.T.: 0.000 min  
Exp R.T.: 3.556 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

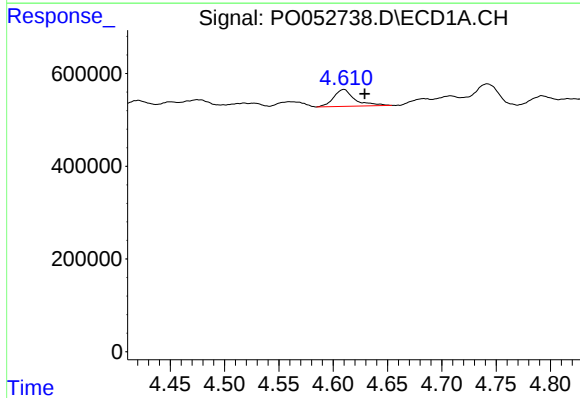
R.T.: 4.610 min  
Delta R.T.: -0.020 min  
Response: 492878  
Conc: 27.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



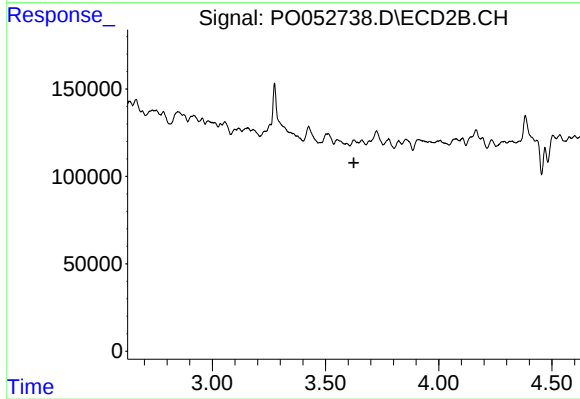
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 3.625 min  
Response: 0  
Conc: N.D.



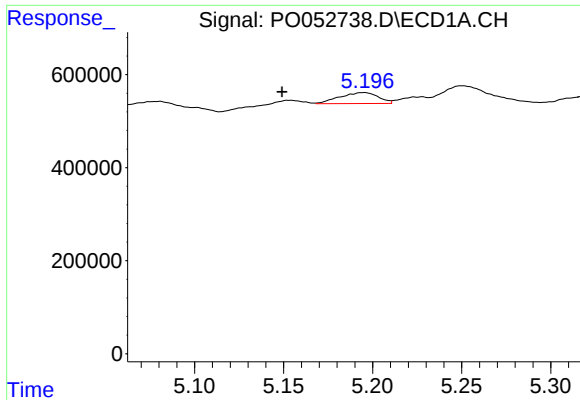
#11 AR-1232-1

R.T.: 4.610 min  
Delta R.T.: -0.019 min  
Response: 492878  
Conc: 34.74 ng/ml



#11 AR-1232-1

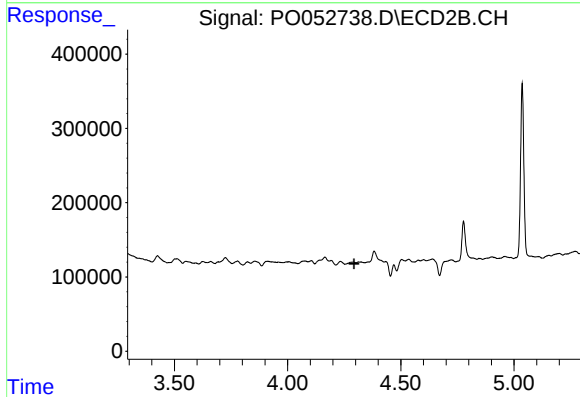
R.T.: 0.000 min  
Exp R.T. : 3.625 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

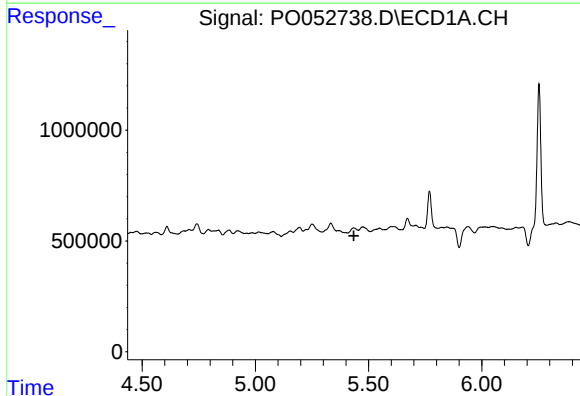
R.T.: 5.196 min  
Delta R.T.: 0.047 min  
Response: 352553  
Conc: 47.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



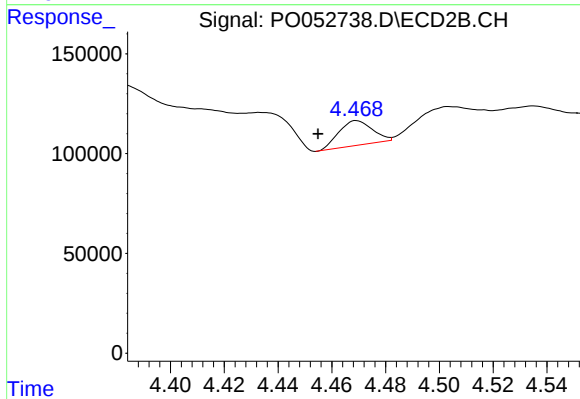
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 4.293 min  
Response: 0  
Conc: N.D.



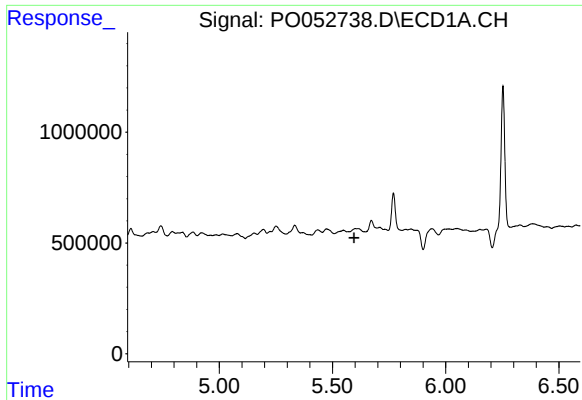
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.435 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

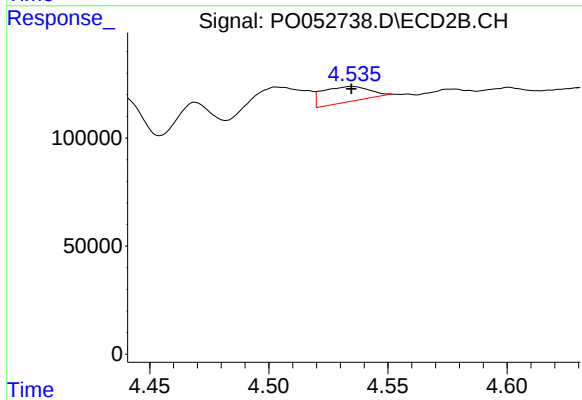
R.T.: 4.469 min  
Delta R.T.: 0.014 min  
Response: 106842  
Conc: 42.00 ng/ml



#14 AR-1232-4

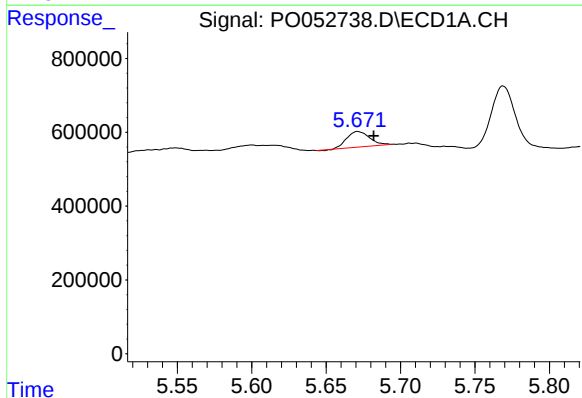
R.T.: 0.000 min  
Exp R.T.: 5.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



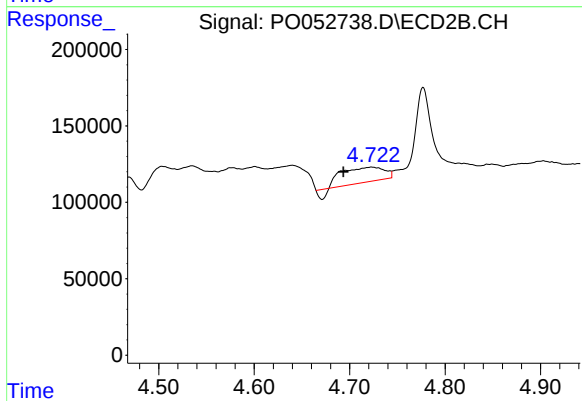
#14 AR-1232-4

R.T.: 4.535 min  
Delta R.T.: 0.000 min  
Response: 97527  
Conc: 42.40 ng/ml



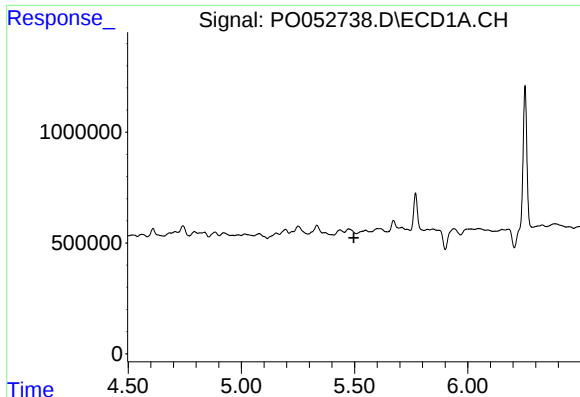
#15 AR-1232-5

R.T.: 5.671 min  
Delta R.T.: -0.011 min  
Response: 443797  
Conc: 96.20 ng/ml



#15 AR-1232-5

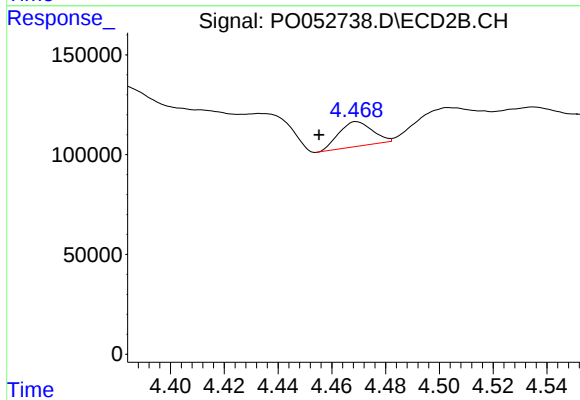
R.T.: 4.723 min  
Delta R.T.: 0.029 min  
Response: 286886  
Conc: 107.63 ng/ml



#18 AR-1242-3

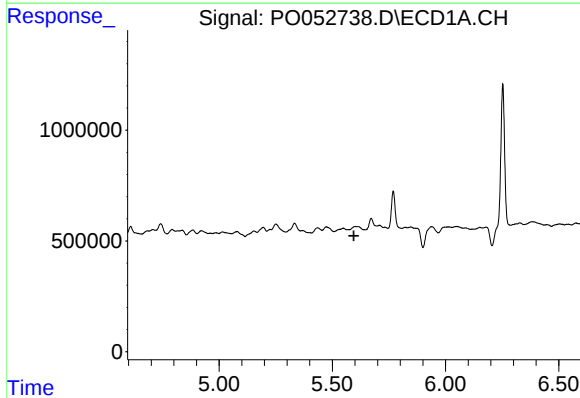
R.T.: 0.000 min  
Exp R.T.: 5.497 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



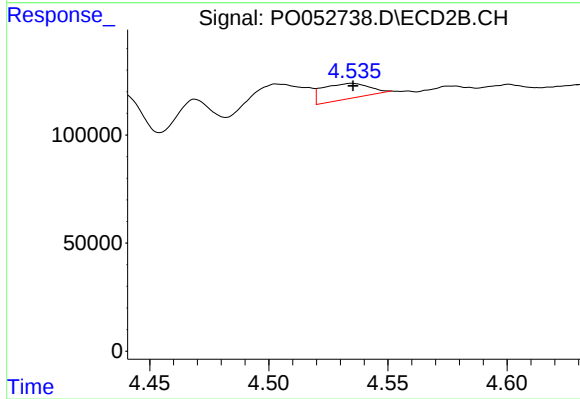
#18 AR-1242-3

R.T.: 4.469 min  
Delta R.T.: 0.014 min  
Response: 106842  
Conc: 22.19 ng/ml



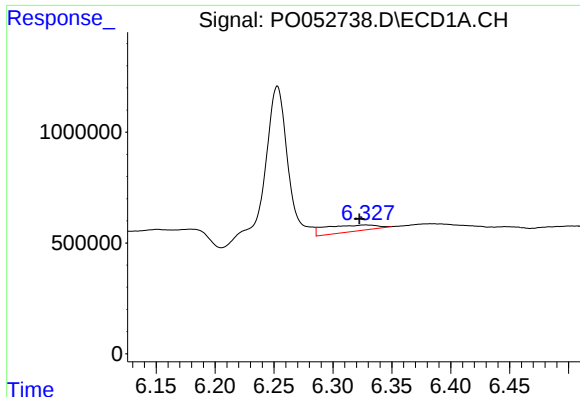
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.595 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

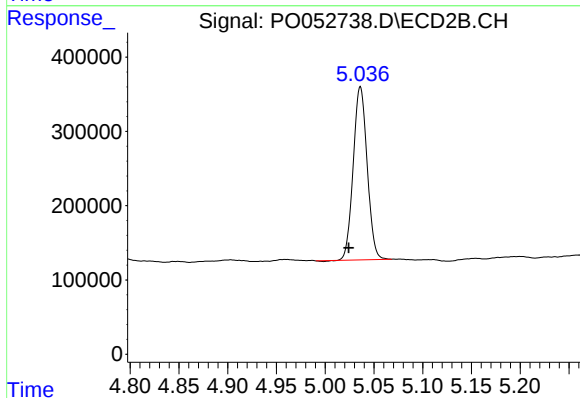
R.T.: 4.535 min  
Delta R.T.: 0.000 min  
Response: 97527  
Conc: 19.92 ng/ml



#20 AR-1242-5

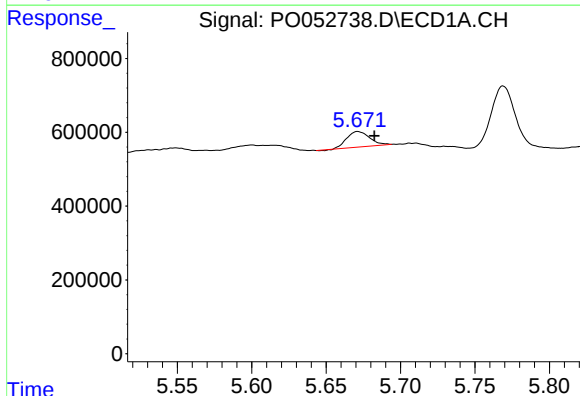
R.T.: 6.328 min  
Delta R.T.: 0.005 min  
Response: 908723  
Conc: 64.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



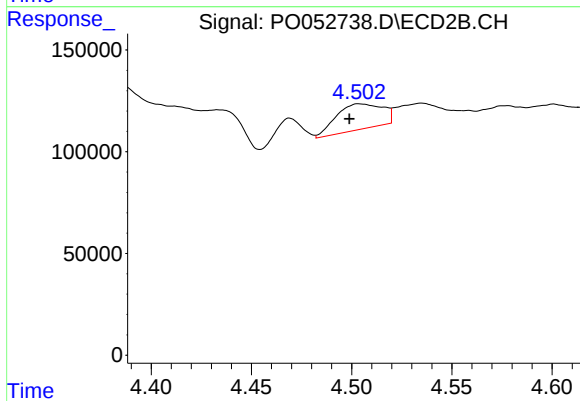
#20 AR-1242-5

R.T.: 5.036 min  
Delta R.T.: 0.012 min  
Response: 2316525  
Conc: 387.27 ng/ml



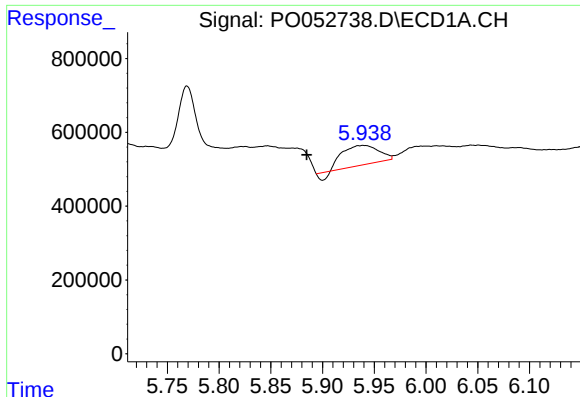
#22 AR-1248-2

R.T.: 5.671 min  
Delta R.T.: -0.011 min  
Response: 443797  
Conc: 23.29 ng/ml



#22 AR-1248-2

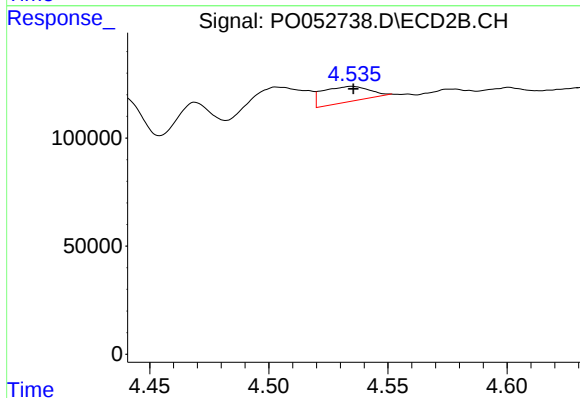
R.T.: 4.503 min  
Delta R.T.: 0.004 min  
Response: 200876  
Conc: 28.98 ng/ml



#23 AR-1248-3

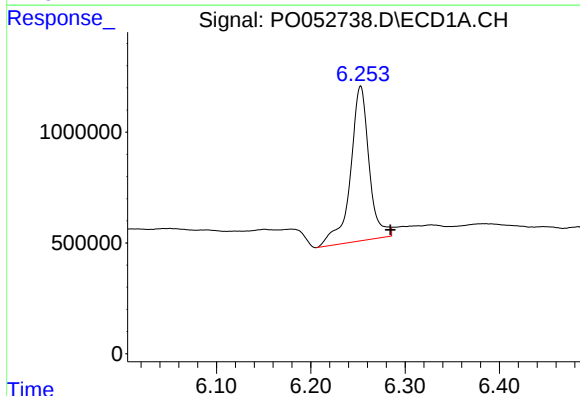
R.T.: 5.939 min  
Delta R.T.: 0.054 min  
Response: 1236642  
Conc: 57.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



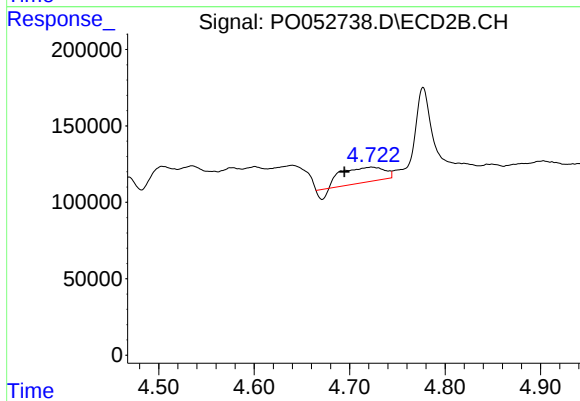
#23 AR-1248-3

R.T.: 4.535 min  
Delta R.T.: 0.000 min  
Response: 97527  
Conc: 14.04 ng/ml



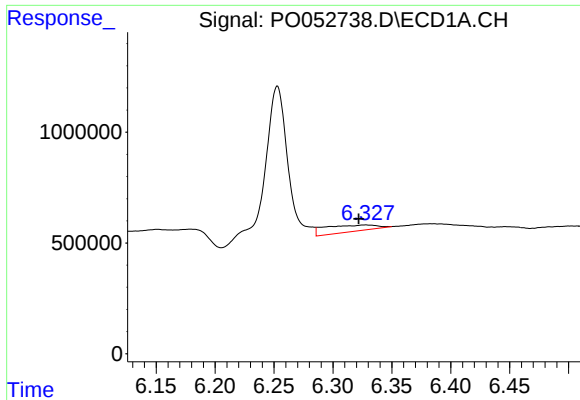
#24 AR-1248-4

R.T.: 6.253 min  
Delta R.T.: -0.032 min  
Response: 9621485  
Conc: 421.90 ng/ml



#24 AR-1248-4

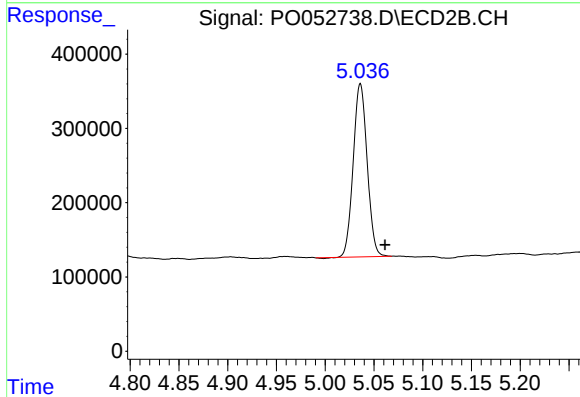
R.T.: 4.723 min  
Delta R.T.: 0.028 min  
Response: 286886  
Conc: 33.52 ng/ml



#25 AR-1248-5

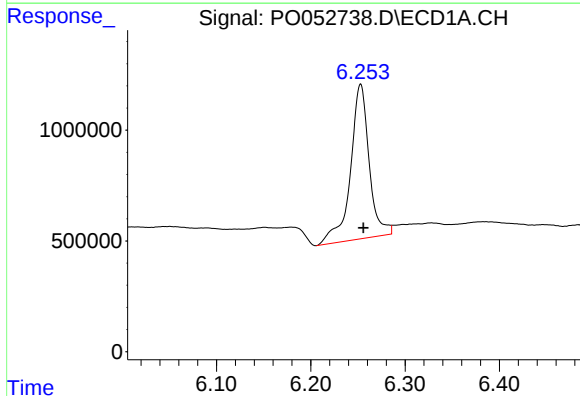
R.T.: 6.328 min  
Delta R.T.: 0.006 min  
Response: 908723  
Conc: 41.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



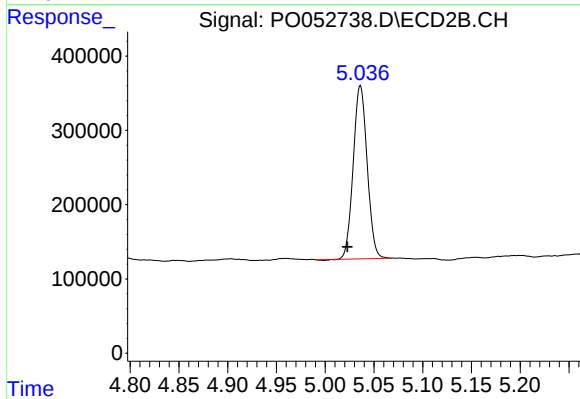
#25 AR-1248-5

R.T.: 5.036 min  
Delta R.T.: -0.025 min  
Response: 2316525  
Conc: 279.28 ng/ml



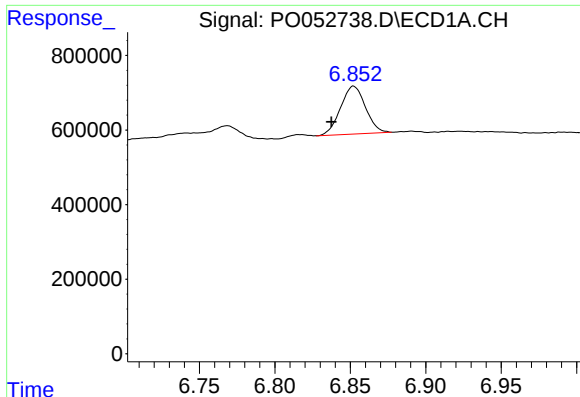
#26 AR-1254-1

R.T.: 6.253 min  
Delta R.T.: -0.003 min  
Response: 9621485  
Conc: 385.11 ng/ml



#26 AR-1254-1

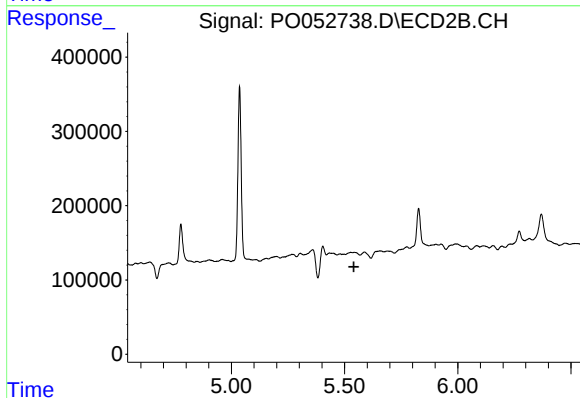
R.T.: 5.036 min  
Delta R.T.: 0.013 min  
Response: 2316525  
Conc: 168.03 ng/ml



#28 AR-1254-3

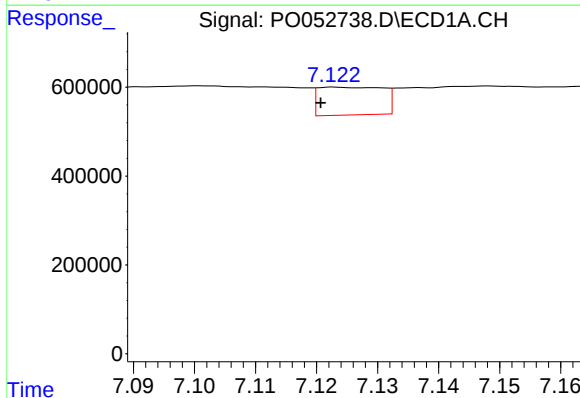
R.T.: 6.852 min  
Delta R.T.: 0.015 min  
Response: 1474317  
Conc: 37.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



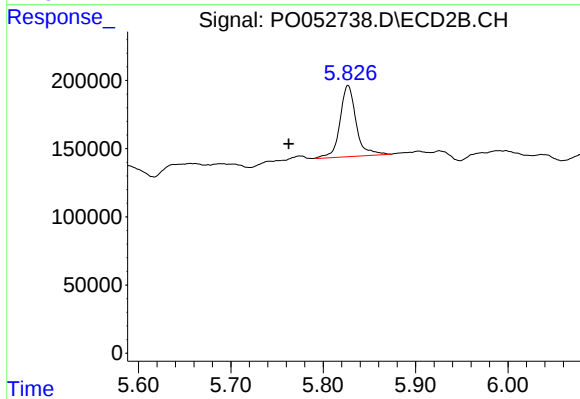
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 5.541 min  
Response: 0  
Conc: N.D.



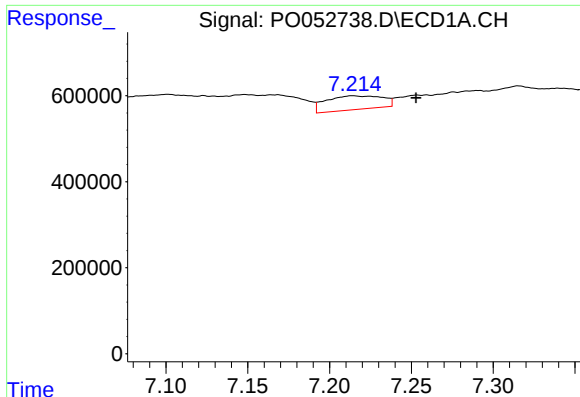
#29 AR-1254-4

R.T.: 7.123 min  
Delta R.T.: 0.002 min  
Response: 460567  
Conc: 16.77 ng/ml



#29 AR-1254-4

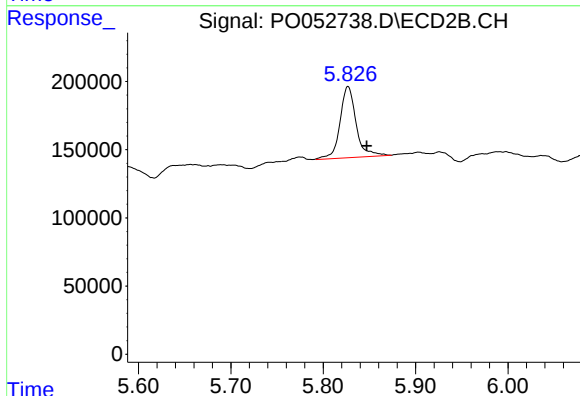
R.T.: 5.827 min  
Delta R.T.: 0.064 min  
Response: 631268  
Conc: 56.56 ng/ml



#32 AR-1260-2

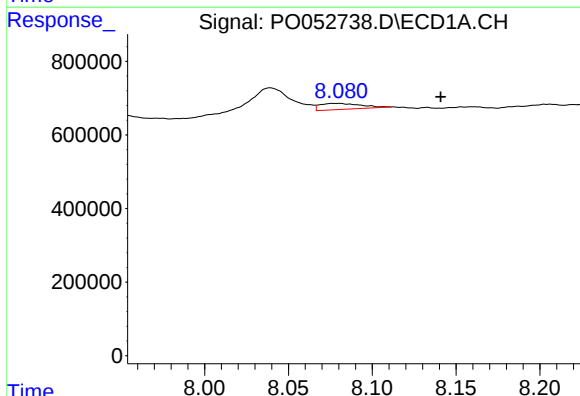
R.T.: 7.214 min  
Delta R.T.: -0.039 min  
Response: 765616  
Conc: 21.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



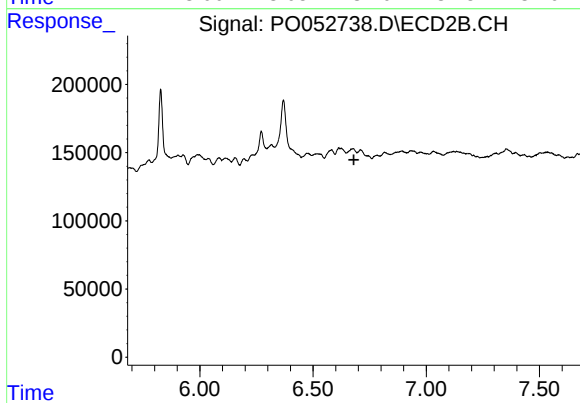
#32 AR-1260-2

R.T.: 5.827 min  
Delta R.T.: -0.020 min  
Response: 631268  
Conc: 37.99 ng/ml



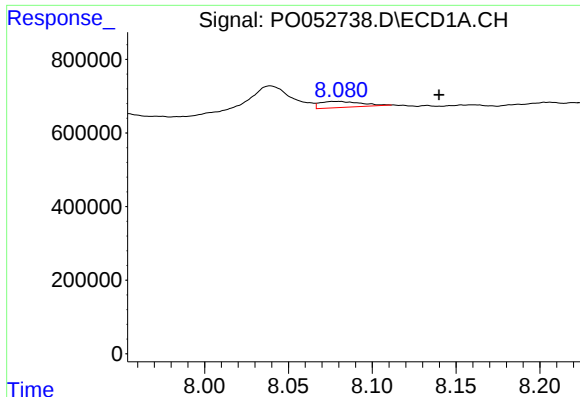
#35 AR-1260-5

R.T.: 8.080 min  
Delta R.T.: -0.061 min  
Response: 274217  
Conc: 5.59 ng/ml



#35 AR-1260-5

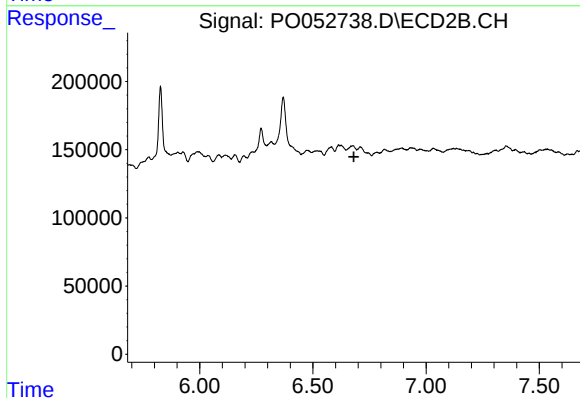
R.T.: 0.000 min  
Exp R.T.: 6.680 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

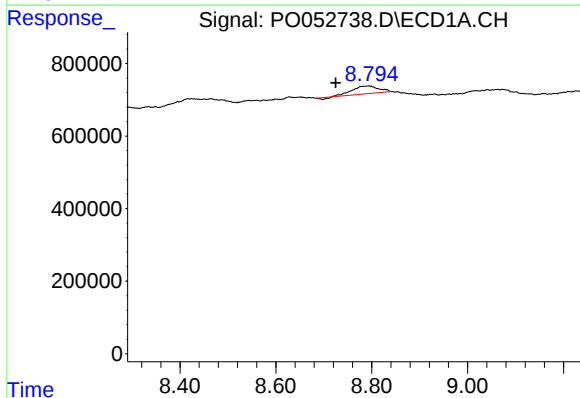
R.T.: 8.080 min  
Delta R.T.: -0.060 min  
Response: 274217  
Conc: 4.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



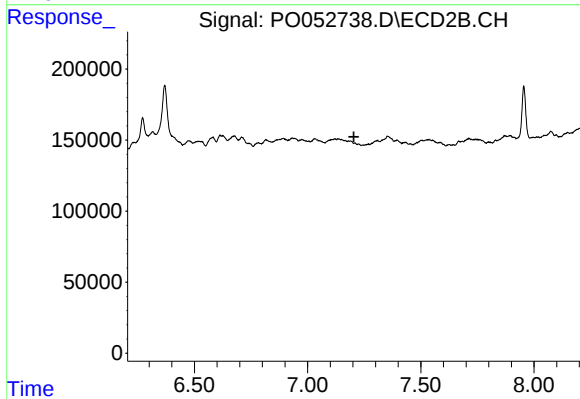
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 6.681 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 8.794 min  
Delta R.T.: 0.070 min  
Response: 797632  
Conc: 10.84 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 7.205 min  
Response: 0  
Conc: N.D.