

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO110818\  
 Data File : PO051195.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 07 Nov 2018 12:23  
 Operator : SM/SJ  
 Sample : J5785-01 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 07 12:42:48 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO110518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 06 00:37:39 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... | 4.346 | 3.363 | 1869395 | 922500  | 5.011   | 4.471     |
| 2)                          | SA Decachlor... | 9.995 | 8.078 | 711536  | 444866  | 2.409   | 2.096     |
| Target Compounds            |                 |       |       |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 5.539 | 4.361 | 659167  | 1098103 | 60.329  | 163.322 # |
| 4)                          | L1 AR-1016-2    | 5.539 | 4.361 | 659167  | 1098103 | 41.034  | 99.322 #  |
| 5)                          | L1 AR-1016-3    | 5.592 | 4.533 | 616457  | 617532  | 62.539  | 113.374 # |
| 6)                          | L1 AR-1016-4    | 5.690 | 4.580 | 851519  | 1059438 | 107.133 | 235.704 # |
| 7)                          | L1 AR-1016-5    | 5.977 | 4.816 | 2295798 | 1142109 | 317.142 | 193.830 # |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.734 | 0       | 497192  | N.D.    | 97.781 #  |
| 11)                         | L3 AR-1232-1    | 4.785 | 3.734 | 1386605 | 497192  | 194.021 | 128.932 # |
| 12)                         | L3 AR-1232-2    | 5.222 | 4.361 | 1083227 | 1098103 | 301.984 | 223.653 # |
| 13)                         | L3 AR-1232-3    | 5.539 | 4.533 | 659167  | 617532  | 90.666  | 259.782 # |
| 14)                         | L3 AR-1232-4    | 5.690 | 4.629 | 851519  | 640082  | 246.571 | 321.885 # |
| 15)                         | L3 AR-1232-5    | 5.785 | 4.816 | 2472470 | 1142109 | 989.914 | 503.182 # |
| 16)                         | L4 AR-1242-1    | 5.539 | 4.361 | 659167  | 1098103 | 64.780  | 190.786 # |
| 17)                         | L4 AR-1242-2    | 5.539 | 4.361 | 659167  | 1098103 | 42.406  | 113.233 # |
| 18)                         | L4 AR-1242-3    | 5.592 | 4.533 | 616457  | 617532  | 66.299  | 125.989 # |
| 19)                         | L4 AR-1242-4    | 5.690 | 4.629 | 851519  | 640082  | 113.241 | 133.510   |
| 20)                         | L4 AR-1242-5    | 6.442 | 5.145 | 890830  | 747003  | 119.050 | 115.964   |
| 21)                         | L5 AR-1248-1    | 5.539 | 4.361 | 659167  | 1098103 | 94.352  | 255.497 # |
| 22)                         | L5 AR-1248-2    | 5.785 | 4.580 | 2472470 | 1059438 | 261.372 | 170.057 # |
| 23)                         | L5 AR-1248-3    | 5.977 | 4.629 | 2295798 | 640082  | 213.931 | 103.624 # |
| 24)                         | L5 AR-1248-4    | 6.373 | 4.816 | 1594247 | 1142109 | 129.975 | 158.309   |
| 25)                         | L5 AR-1248-5    | 6.442 | 5.145 | 890830  | 747003  | 76.208  | 95.584 #  |
| 26)                         | L6 AR-1254-1    | 6.373 | 5.145 | 1594247 | 747003  | 115.711 | 53.387 #  |
| 27)                         | L6 AR-1254-2    | 6.524 | 0.000 | 1754563 | 0       | 81.260  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 6.960 | 5.660 | 1382133 | 2772509 | 60.597  | 137.236 # |
| 29)                         | L6 AR-1254-4    | 7.195 | 0.000 | 4178552 | 0       | 246.735 | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.592 | 6.229 | 439109  | 531036  | 24.687  | 27.041    |
| 31)                         | L7 AR-1260-1    | 7.151 | 5.743 | 1344209 | 611617  | 88.039  | 46.438 #  |
| 32)                         | L7 AR-1260-2    | 7.381 | 5.939 | 4059035 | 1444716 | 207.573 | 78.217 #  |
| 33)                         | L7 AR-1260-3    | 7.702 | 0.000 | 2274440 | 0       | 180.267 | N.D. #    |
| 34)                         | L7 AR-1260-4    | 7.950 | 6.524 | 1488717 | 1023457 | 105.786 | 96.192    |
| 35)                         | L7 AR-1260-5    | 0.000 | 6.781 | 0       | 367016  | N.D.    | 12.662 #  |
| 36)                         | L8 AR-1262-1    | 7.702 | 6.318 | 2274440 | 459180  | 95.273  | 18.669 #  |
| 37)                         | L8 AR-1262-2    | 0.000 | 6.781 | 0       | 367016  | N.D.    | 9.388 #   |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.139 | 0       | 519149  | N.D.    | 19.017 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.139 | 0       | 519149  | N.D.    | 11.847 #  |
| -----                       |                 |       |       |         |         |         |           |

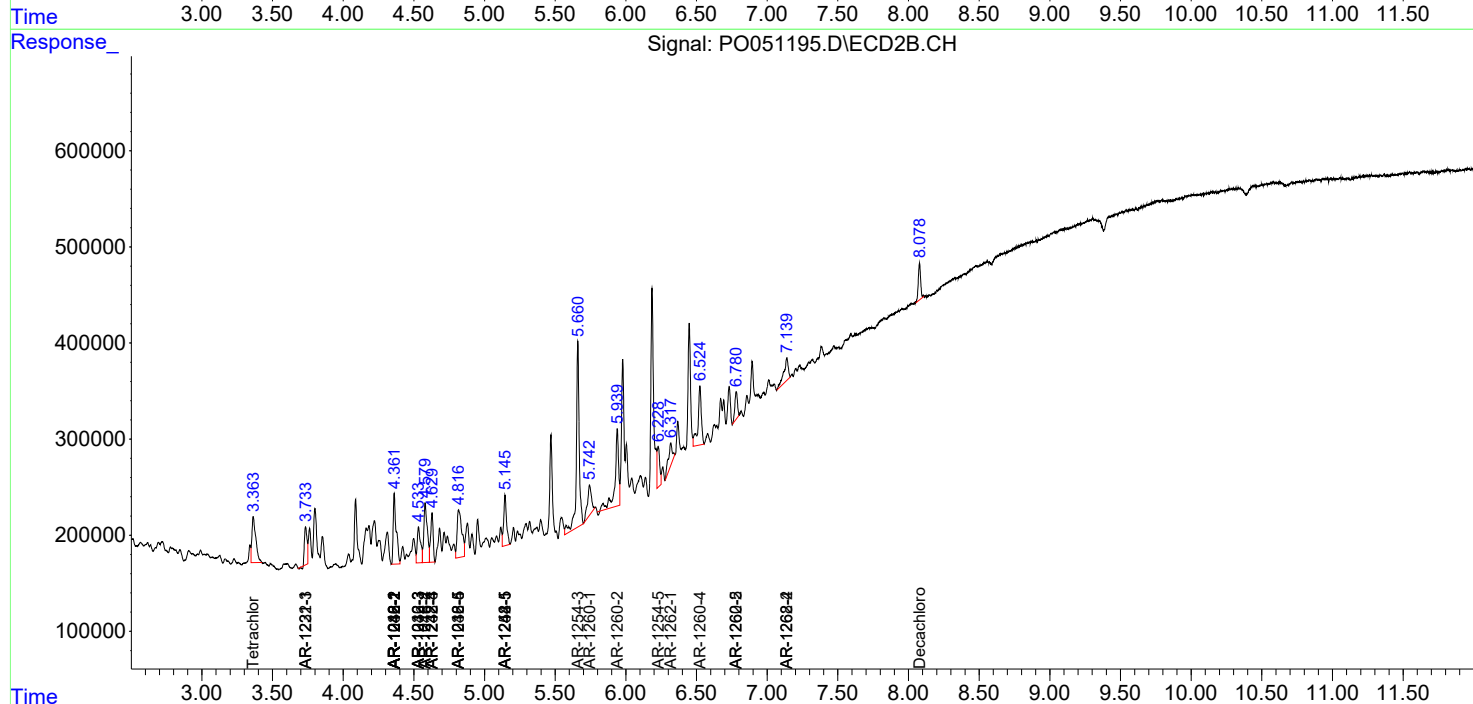
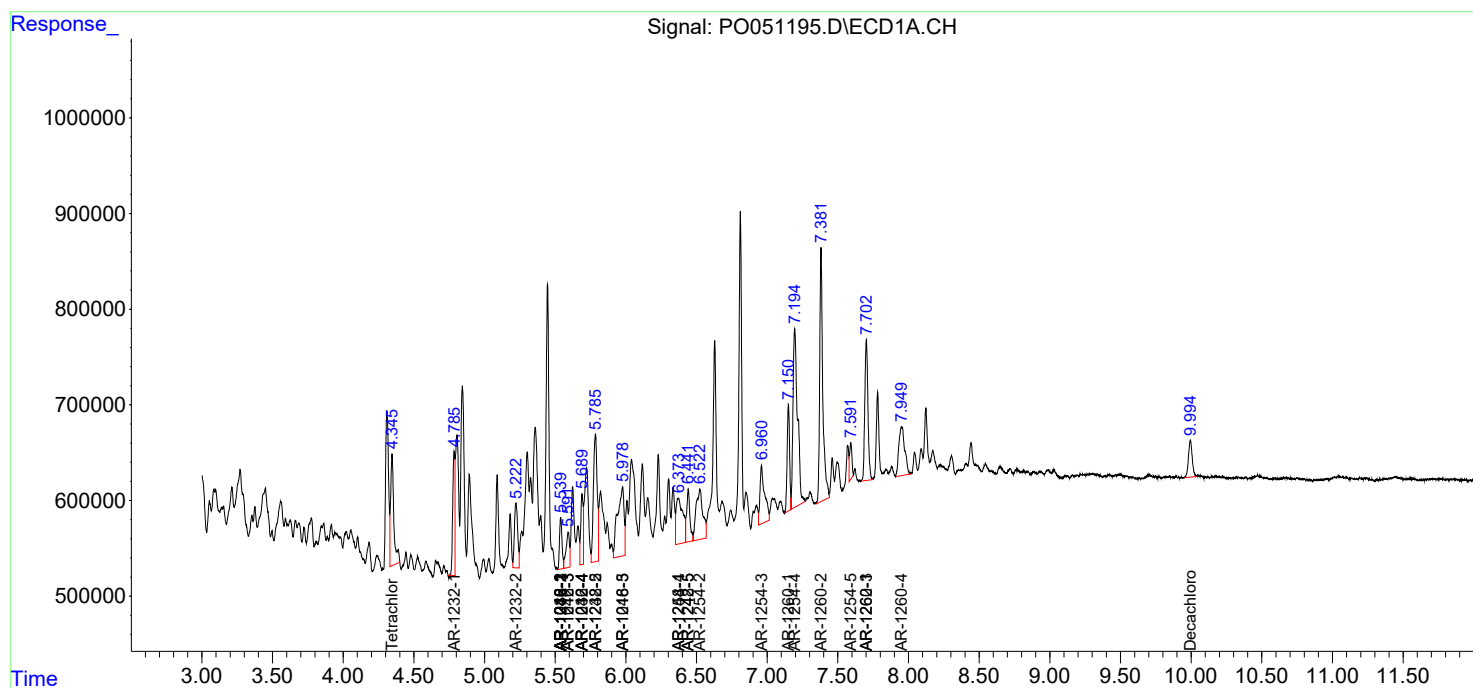
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

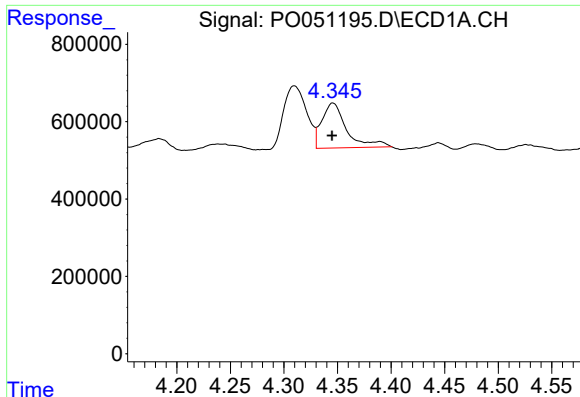
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110818\  
Data File : P0051195.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 07 Nov 2018 12:23  
Operator : SM/SJ  
Sample : J5785-01 10X  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 07 12:42:48 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 06 00:37:39 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

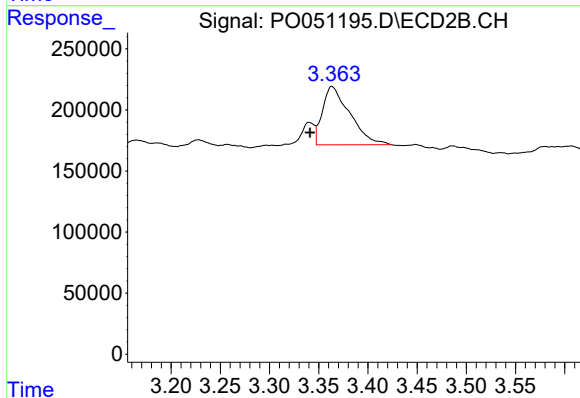




#1 Tetrachloro-m-xylene

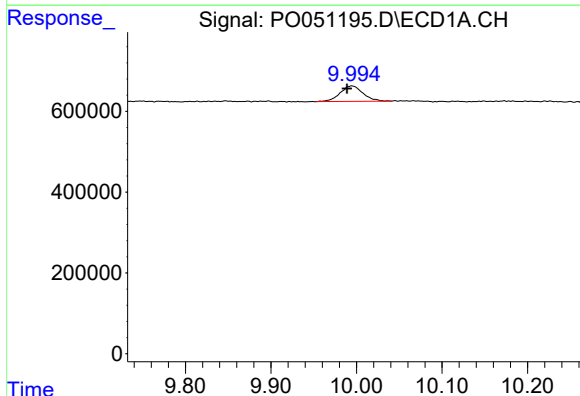
R.T.: 4.346 min  
Delta R.T.: 0.000 min  
Response: 1869395  
Conc: 5.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



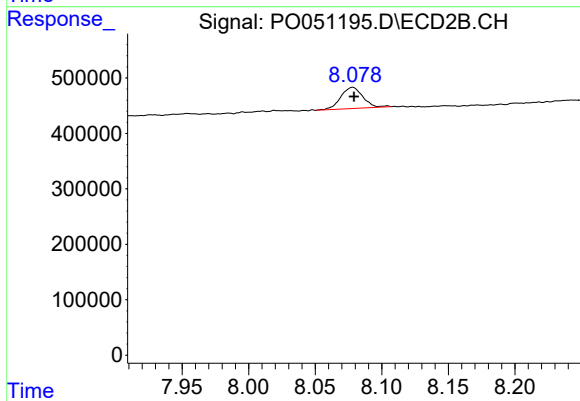
#1 Tetrachloro-m-xylene

R.T.: 3.363 min  
Delta R.T.: 0.022 min  
Response: 922500  
Conc: 4.47 ng/ml



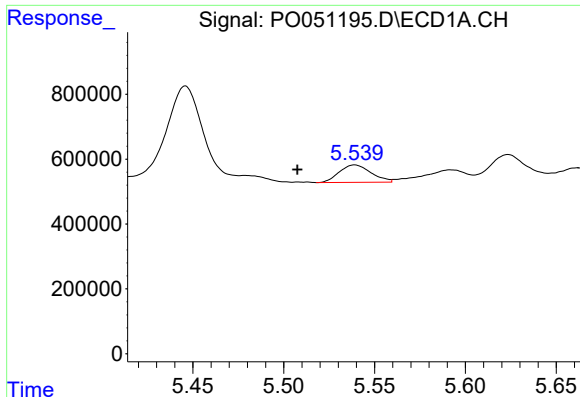
#2 Decachlorobiphenyl

R.T.: 9.995 min  
Delta R.T.: 0.006 min  
Response: 711536  
Conc: 2.41 ng/ml



#2 Decachlorobiphenyl

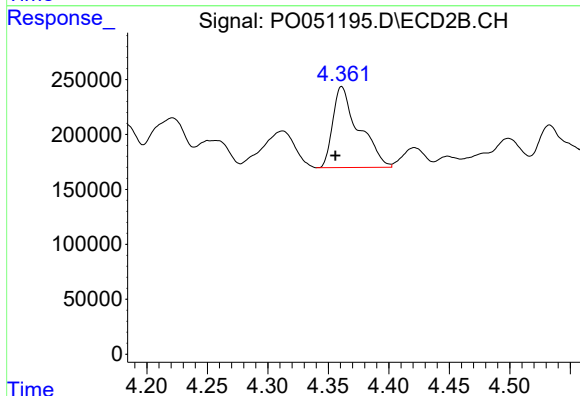
R.T.: 8.078 min  
Delta R.T.: -0.001 min  
Response: 444866  
Conc: 2.10 ng/ml



#3 AR-1016-1

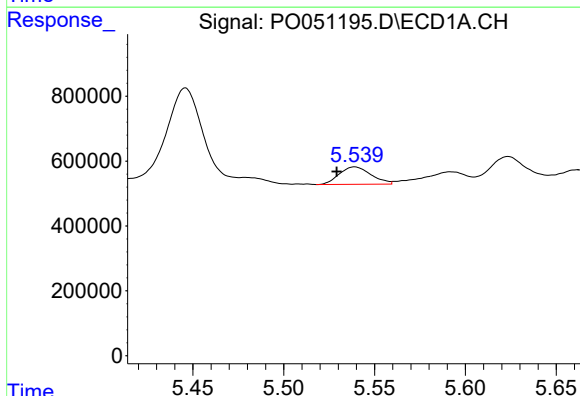
R.T.: 5.539 min  
Delta R.T.: 0.032 min  
Response: 659167  
Conc: 60.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



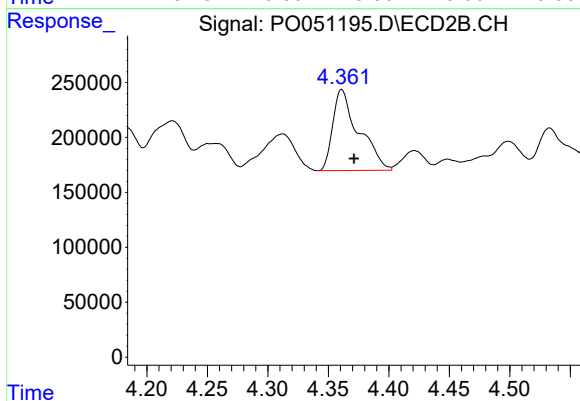
#3 AR-1016-1

R.T.: 4.361 min  
Delta R.T.: 0.005 min  
Response: 1098103  
Conc: 163.32 ng/ml



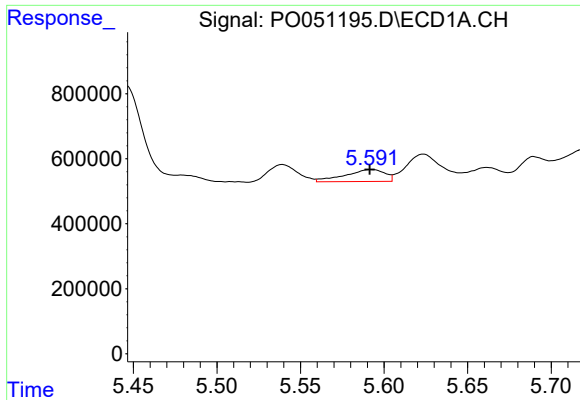
#4 AR-1016-2

R.T.: 5.539 min  
Delta R.T.: 0.010 min  
Response: 659167  
Conc: 41.03 ng/ml



#4 AR-1016-2

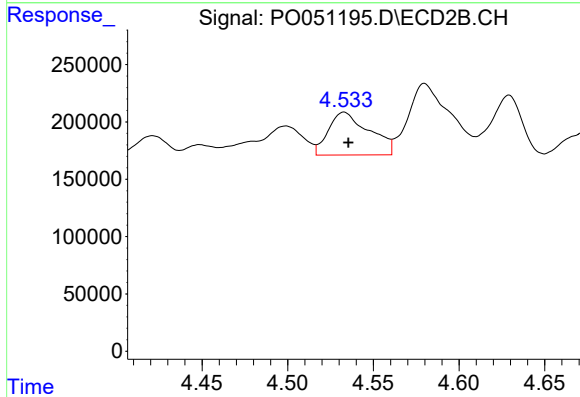
R.T.: 4.361 min  
Delta R.T.: -0.010 min  
Response: 1098103  
Conc: 99.32 ng/ml



#5 AR-1016-3

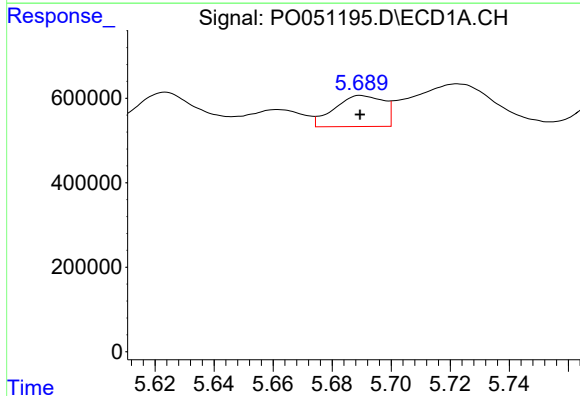
R.T.: 5.592 min  
Delta R.T.: 0.000 min  
Response: 616457  
Conc: 62.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



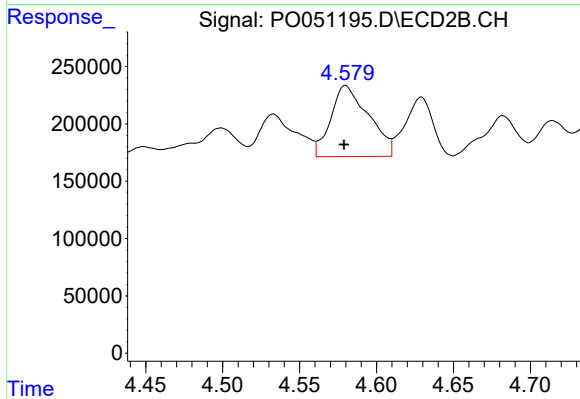
#5 AR-1016-3

R.T.: 4.533 min  
Delta R.T.: -0.002 min  
Response: 617532  
Conc: 113.37 ng/ml



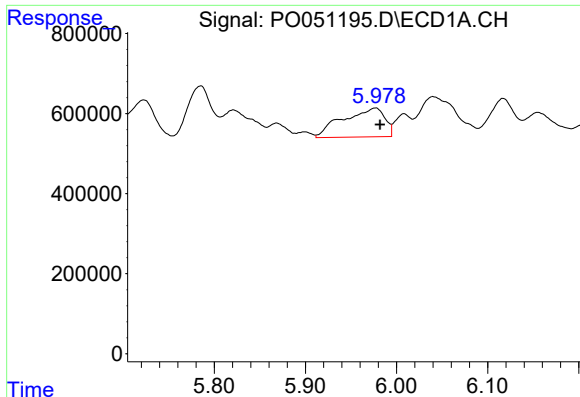
#6 AR-1016-4

R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 851519  
Conc: 107.13 ng/ml



#6 AR-1016-4

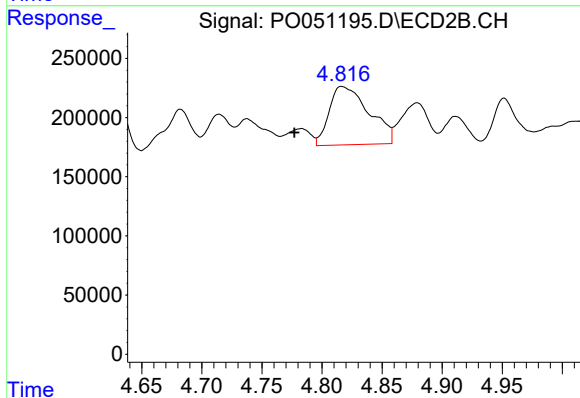
R.T.: 4.580 min  
Delta R.T.: 0.000 min  
Response: 1059438  
Conc: 235.70 ng/ml



#7 AR-1016-5

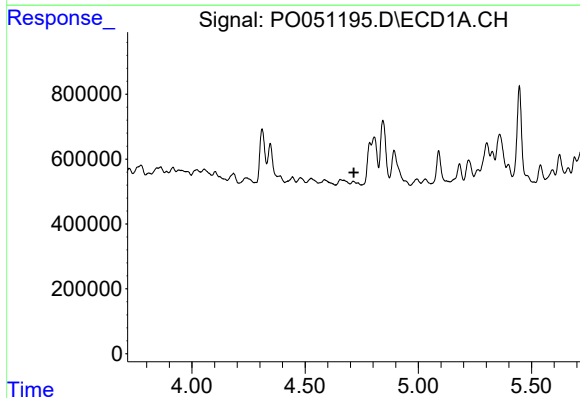
R.T.: 5.977 min  
Delta R.T.: -0.005 min  
Response: 2295798  
Conc: 317.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



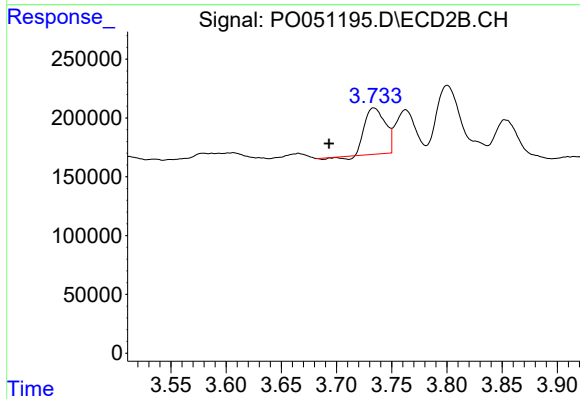
#7 AR-1016-5

R.T.: 4.816 min  
Delta R.T.: 0.039 min  
Response: 1142109  
Conc: 193.83 ng/ml



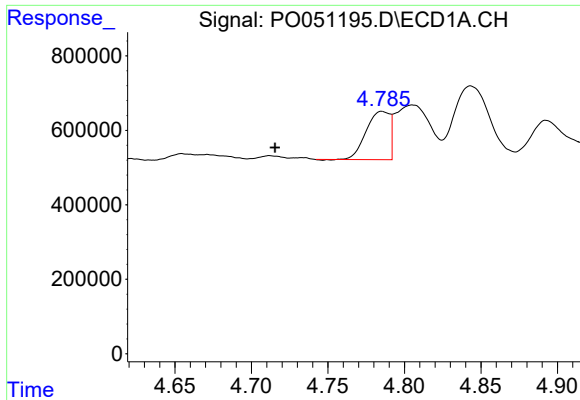
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.715 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

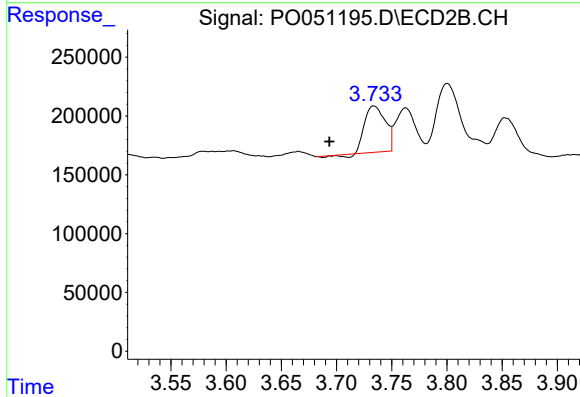
R.T.: 3.734 min  
Delta R.T.: 0.040 min  
Response: 497192  
Conc: 97.78 ng/ml



#11 AR-1232-1

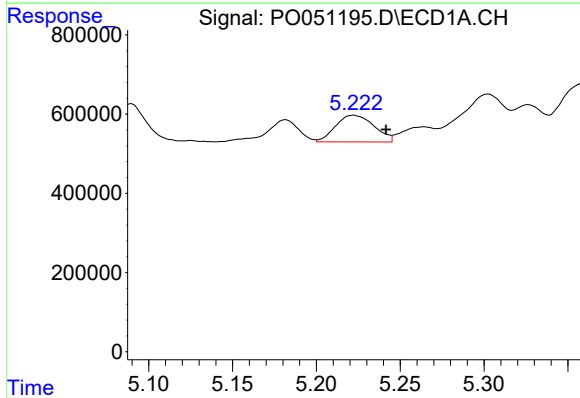
R.T.: 4.785 min  
Delta R.T.: 0.070 min  
Response: 1386605  
Conc: 194.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



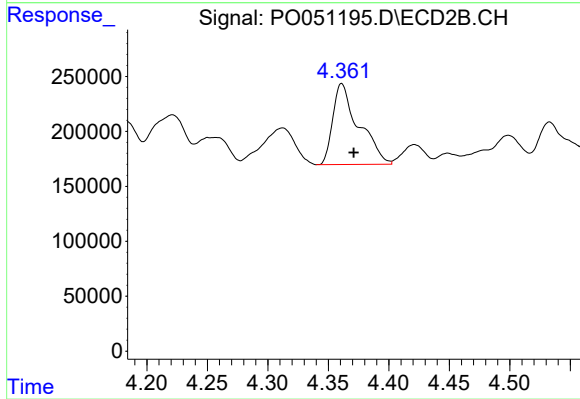
#11 AR-1232-1

R.T.: 3.734 min  
Delta R.T.: 0.040 min  
Response: 497192  
Conc: 128.93 ng/ml



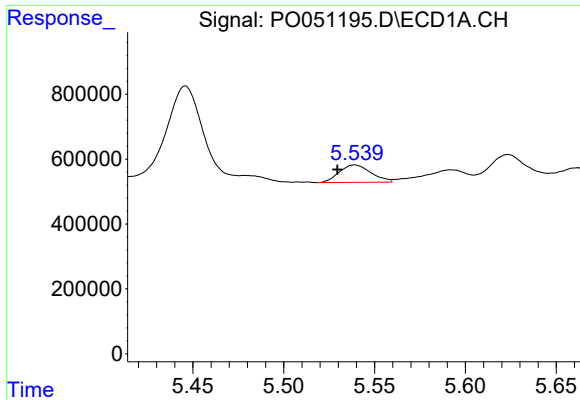
#12 AR-1232-2

R.T.: 5.222 min  
Delta R.T.: -0.020 min  
Response: 1083227  
Conc: 301.98 ng/ml



#12 AR-1232-2

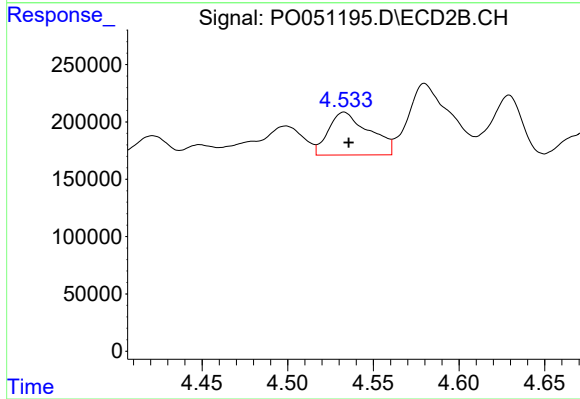
R.T.: 4.361 min  
Delta R.T.: -0.010 min  
Response: 1098103  
Conc: 223.65 ng/ml



#13 AR-1232-3

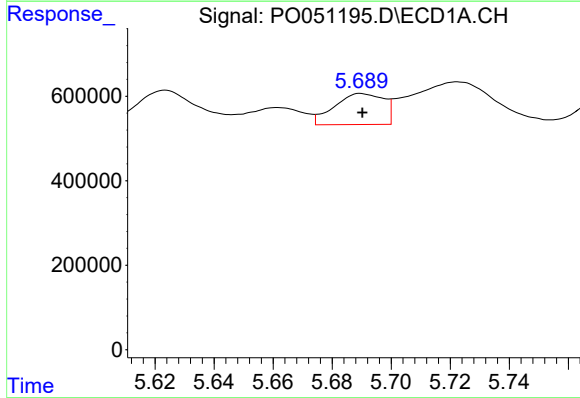
R.T.: 5.539 min  
Delta R.T.: 0.009 min  
Response: 659167  
Conc: 90.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



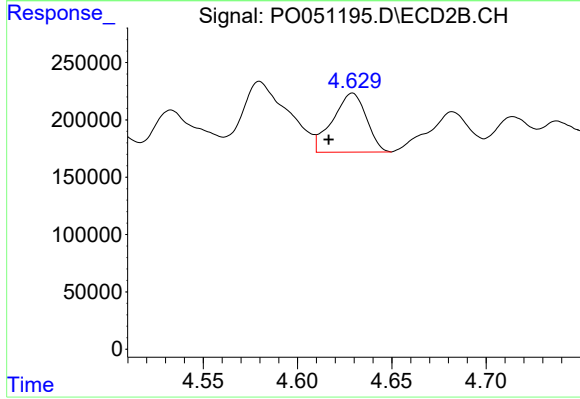
#13 AR-1232-3

R.T.: 4.533 min  
Delta R.T.: -0.003 min  
Response: 617532  
Conc: 259.78 ng/ml



#14 AR-1232-4

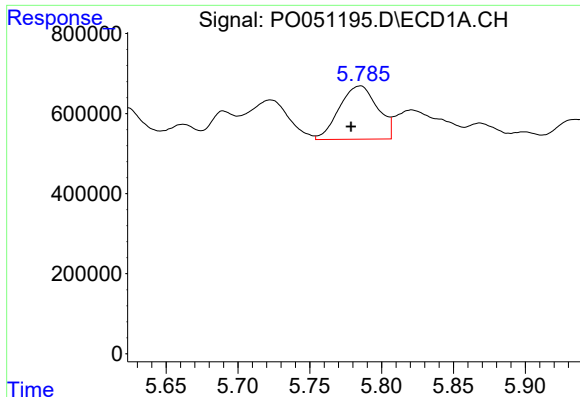
R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 851519  
Conc: 246.57 ng/ml



#14 AR-1232-4

R.T.: 4.629 min  
Delta R.T.: 0.013 min  
Response: 640082  
Conc: 321.88 ng/ml

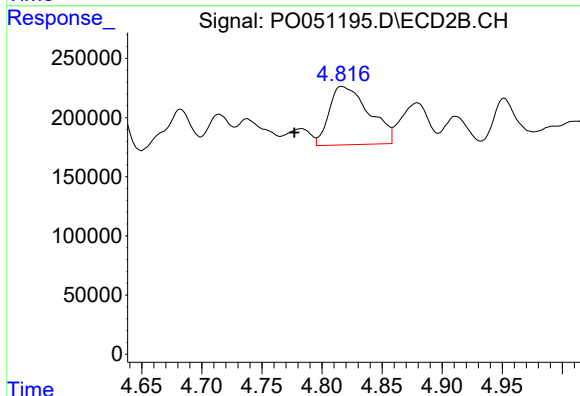




#15 AR-1232-5

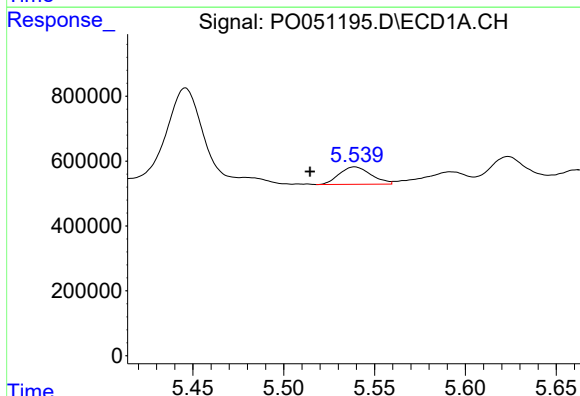
R.T.: 5.785 min  
Delta R.T.: 0.006 min  
Response: 2472470  
Conc: 989.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



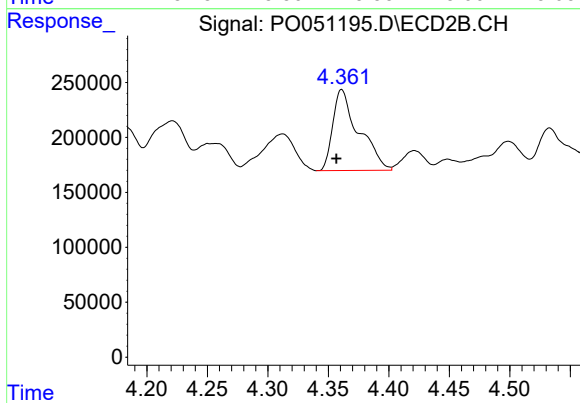
#15 AR-1232-5

R.T.: 4.816 min  
Delta R.T.: 0.039 min  
Response: 1142109  
Conc: 503.18 ng/ml



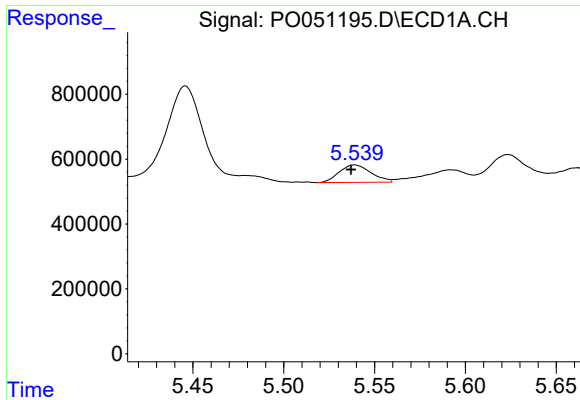
#16 AR-1242-1

R.T.: 5.539 min  
Delta R.T.: 0.025 min  
Response: 659167  
Conc: 64.78 ng/ml



#16 AR-1242-1

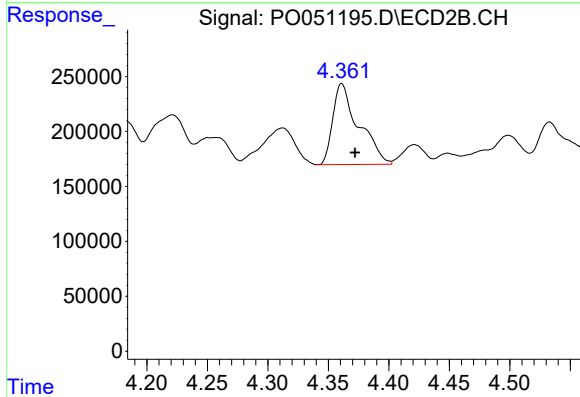
R.T.: 4.361 min  
Delta R.T.: 0.005 min  
Response: 1098103  
Conc: 190.79 ng/ml



#17 AR-1242-2

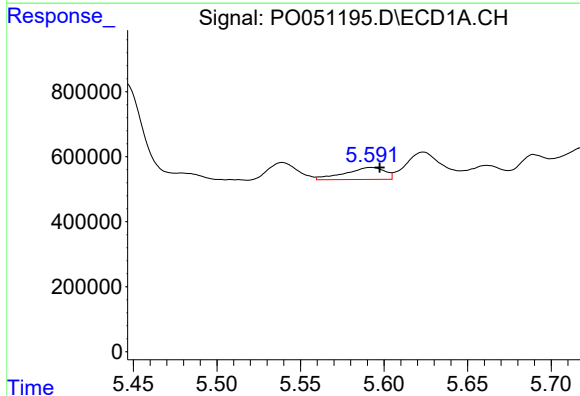
R.T.: 5.539 min  
Delta R.T.: 0.002 min  
Response: 659167  
Conc: 42.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



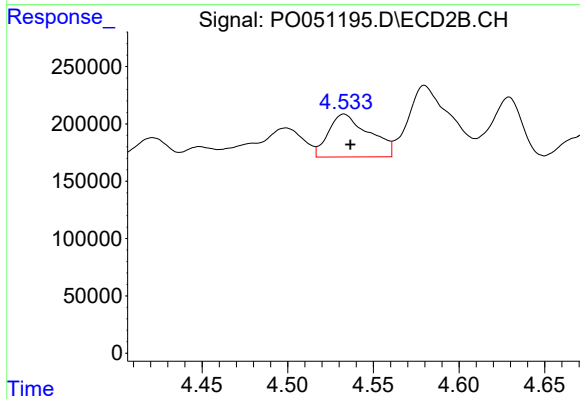
#17 AR-1242-2

R.T.: 4.361 min  
Delta R.T.: -0.011 min  
Response: 1098103  
Conc: 113.23 ng/ml



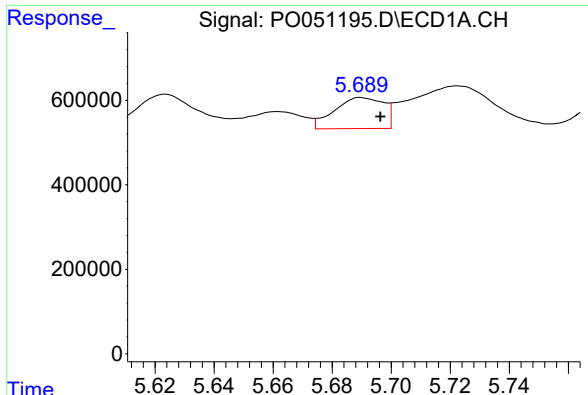
#18 AR-1242-3

R.T.: 5.592 min  
Delta R.T.: -0.005 min  
Response: 616457  
Conc: 66.30 ng/ml



#18 AR-1242-3

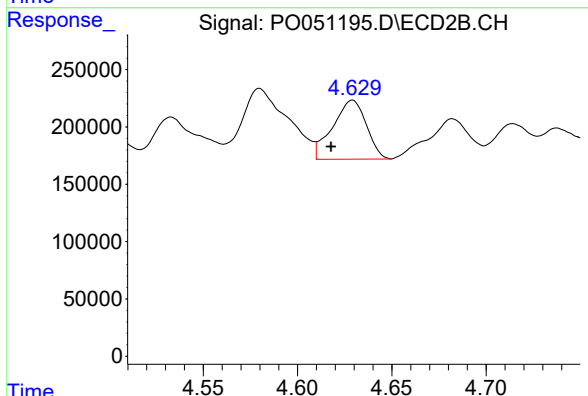
R.T.: 4.533 min  
Delta R.T.: -0.004 min  
Response: 617532  
Conc: 125.99 ng/ml



#19 AR-1242-4

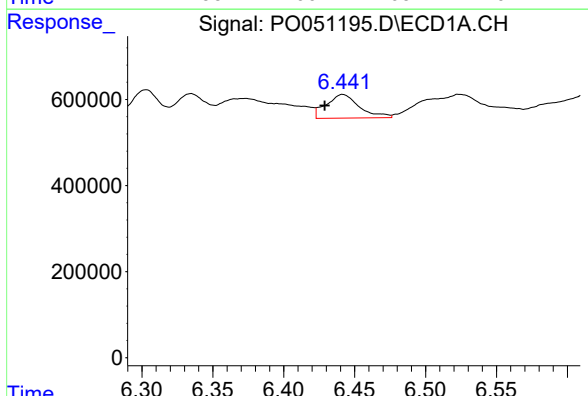
R.T.: 5.690 min  
Delta R.T.: -0.007 min  
Response: 851519  
Conc: 113.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



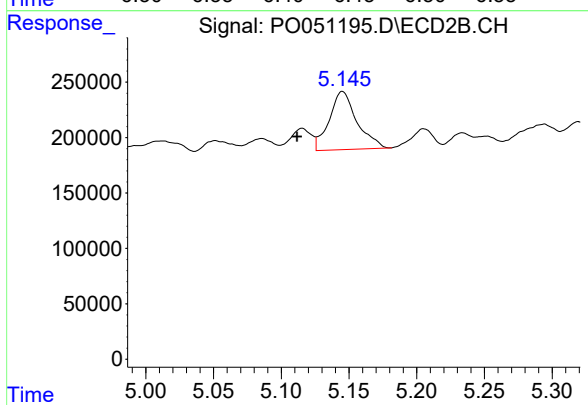
#19 AR-1242-4

R.T.: 4.629 min  
Delta R.T.: 0.011 min  
Response: 640082  
Conc: 133.51 ng/ml



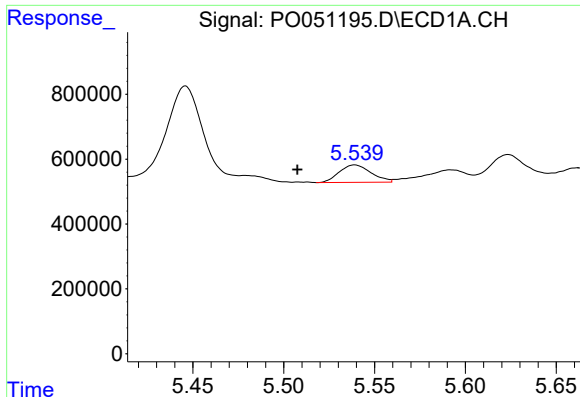
#20 AR-1242-5

R.T.: 6.442 min  
Delta R.T.: 0.013 min  
Response: 890830  
Conc: 119.05 ng/ml



#20 AR-1242-5

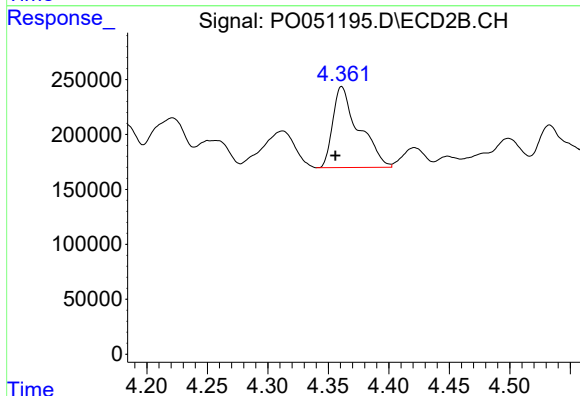
R.T.: 5.145 min  
Delta R.T.: 0.034 min  
Response: 747003  
Conc: 115.96 ng/ml



#21 AR-1248-1

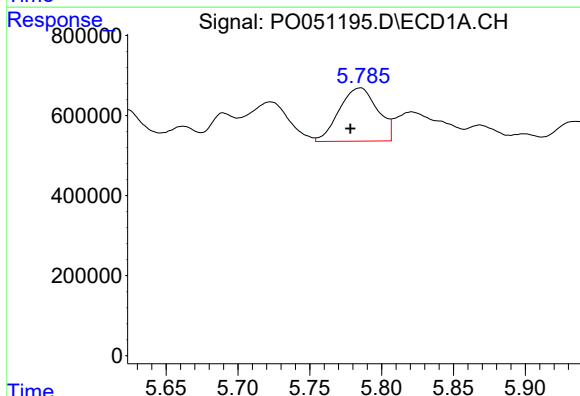
R.T.: 5.539 min  
Delta R.T.: 0.032 min  
Response: 659167  
Conc: 94.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



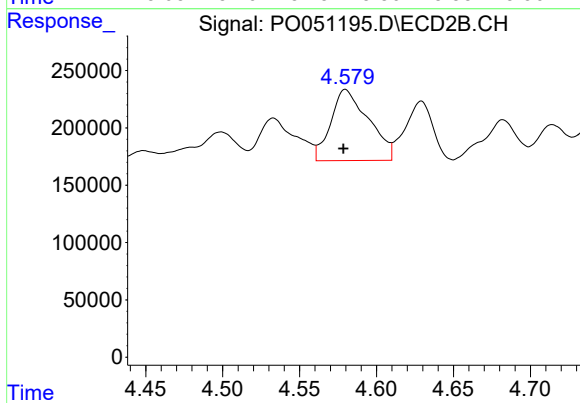
#21 AR-1248-1

R.T.: 4.361 min  
Delta R.T.: 0.005 min  
Response: 1098103  
Conc: 255.50 ng/ml



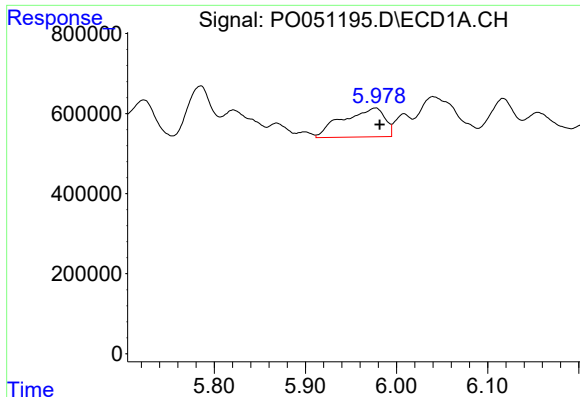
#22 AR-1248-2

R.T.: 5.785 min  
Delta R.T.: 0.007 min  
Response: 2472470  
Conc: 261.37 ng/ml



#22 AR-1248-2

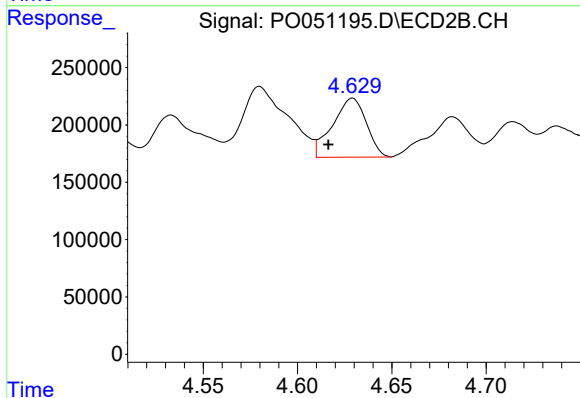
R.T.: 4.580 min  
Delta R.T.: 0.001 min  
Response: 1059438  
Conc: 170.06 ng/ml



#23 AR-1248-3

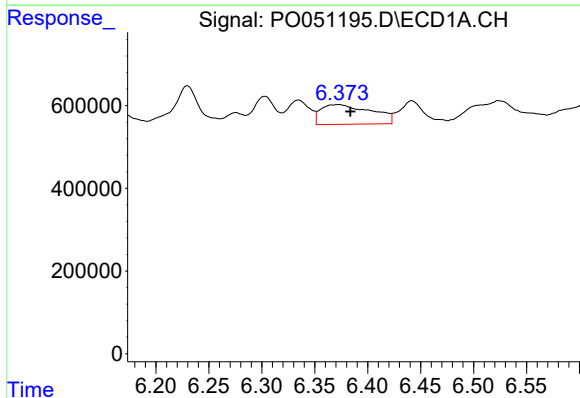
R.T.: 5.977 min  
Delta R.T.: -0.005 min  
Response: 2295798  
Conc: 213.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



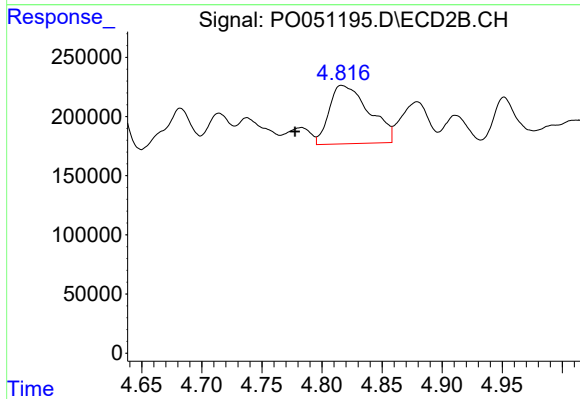
#23 AR-1248-3

R.T.: 4.629 min  
Delta R.T.: 0.013 min  
Response: 640082  
Conc: 103.62 ng/ml



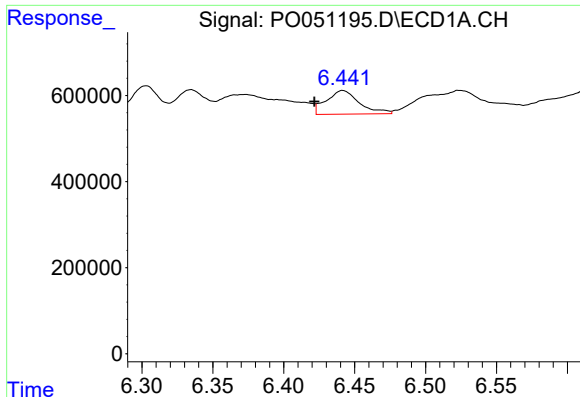
#24 AR-1248-4

R.T.: 6.373 min  
Delta R.T.: -0.011 min  
Response: 1594247  
Conc: 129.98 ng/ml



#24 AR-1248-4

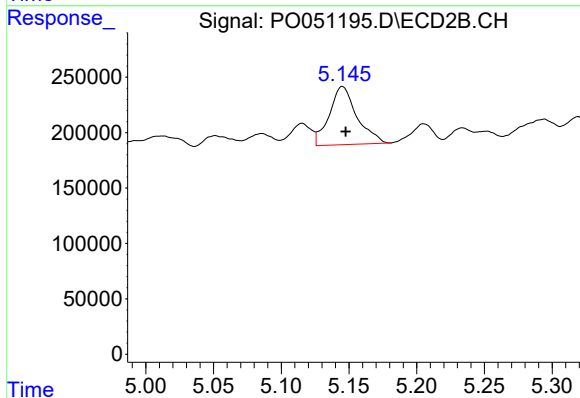
R.T.: 4.816 min  
Delta R.T.: 0.039 min  
Response: 1142109  
Conc: 158.31 ng/ml



#25 AR-1248-5

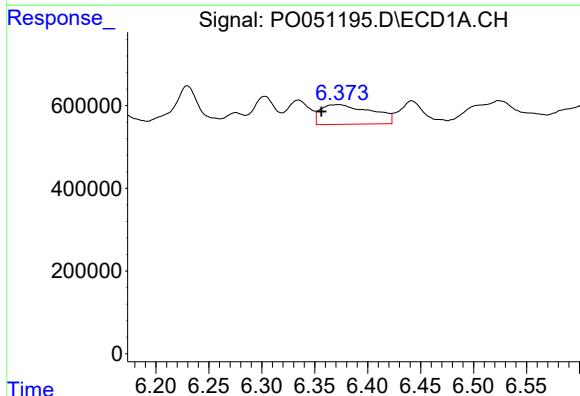
R.T.: 6.442 min  
Delta R.T.: 0.020 min  
Response: 890830  
Conc: 76.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



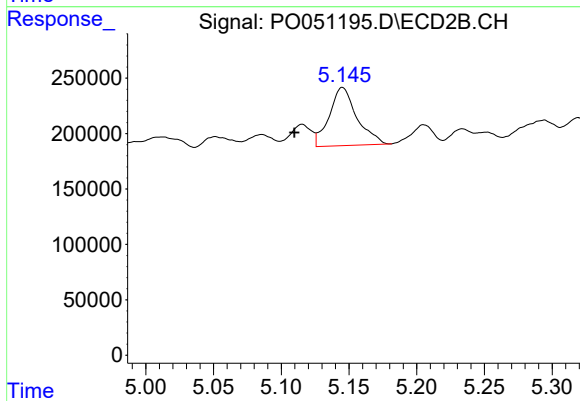
#25 AR-1248-5

R.T.: 5.145 min  
Delta R.T.: -0.002 min  
Response: 747003  
Conc: 95.58 ng/ml



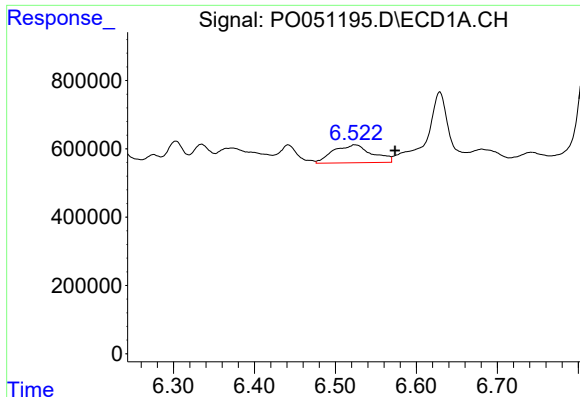
#26 AR-1254-1

R.T.: 6.373 min  
Delta R.T.: 0.016 min  
Response: 1594247  
Conc: 115.71 ng/ml



#26 AR-1254-1

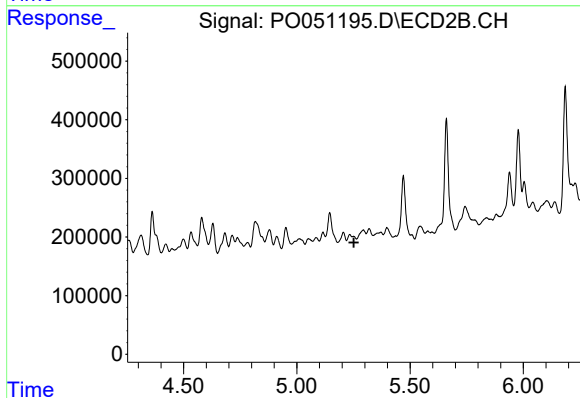
R.T.: 5.145 min  
Delta R.T.: 0.036 min  
Response: 747003  
Conc: 53.39 ng/ml



#27 AR-1254-2

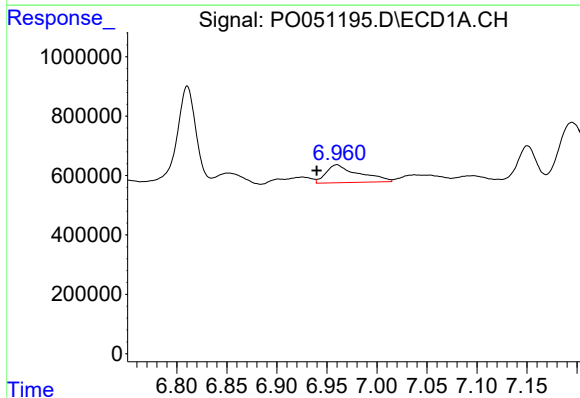
R.T.: 6.524 min  
Delta R.T.: -0.050 min  
Response: 1754563  
Conc: 81.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



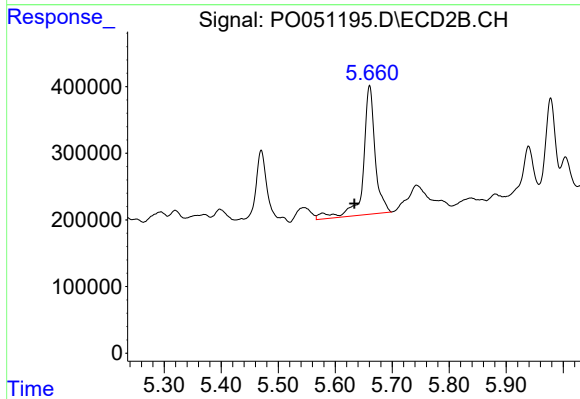
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.252 min  
Response: 0  
Conc: N.D.



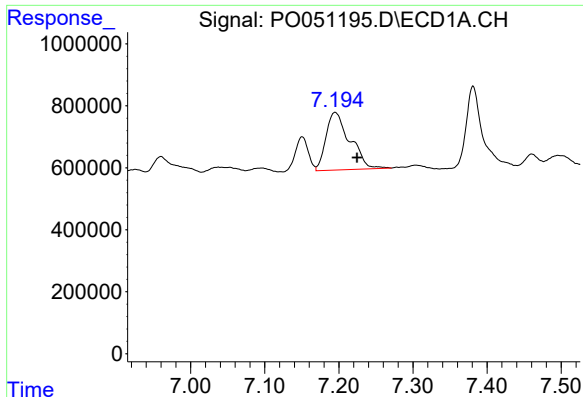
#28 AR-1254-3

R.T.: 6.960 min  
Delta R.T.: 0.020 min  
Response: 1382133  
Conc: 60.60 ng/ml



#28 AR-1254-3

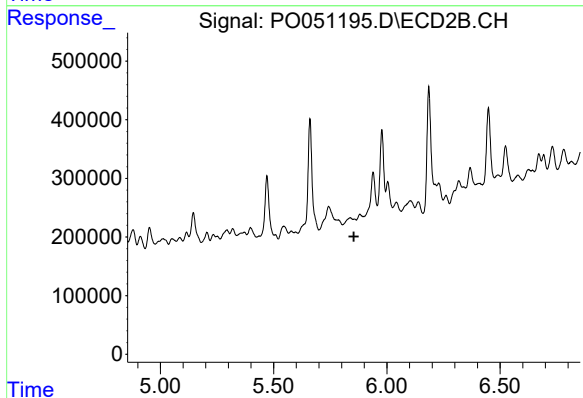
R.T.: 5.660 min  
Delta R.T.: 0.027 min  
Response: 2772509  
Conc: 137.24 ng/ml



#29 AR-1254-4

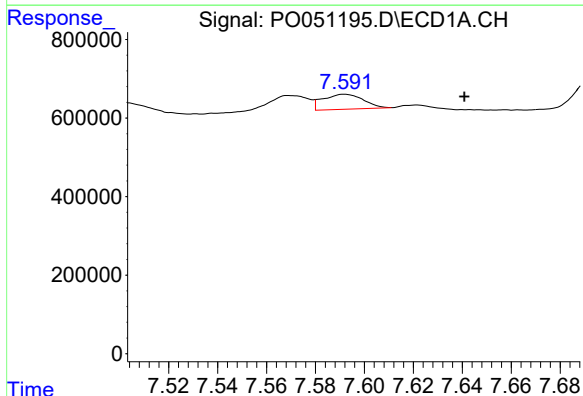
R.T.: 7.195 min  
Delta R.T.: -0.030 min  
Response: 4178552  
Conc: 246.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



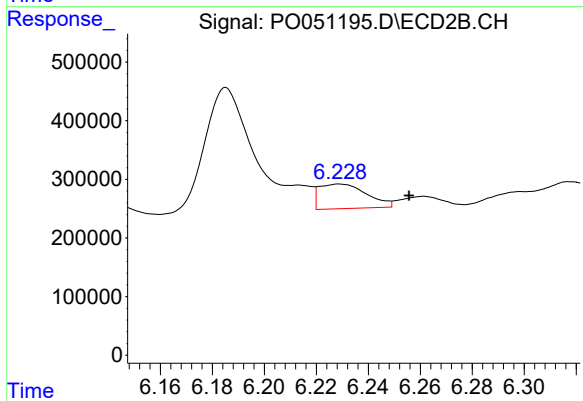
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 5.854 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

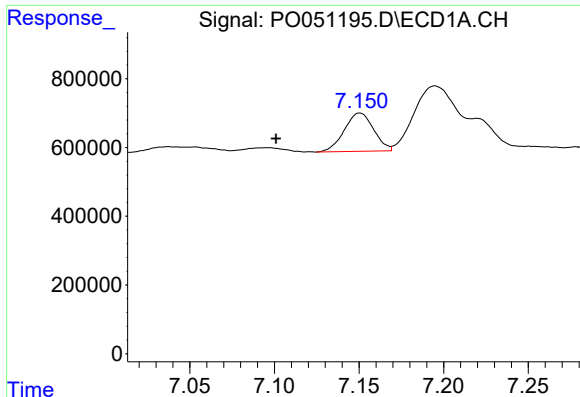
R.T.: 7.592 min  
Delta R.T.: -0.049 min  
Response: 439109  
Conc: 24.69 ng/ml



#30 AR-1254-5

R.T.: 6.229 min  
Delta R.T.: -0.027 min  
Response: 531036  
Conc: 27.04 ng/ml

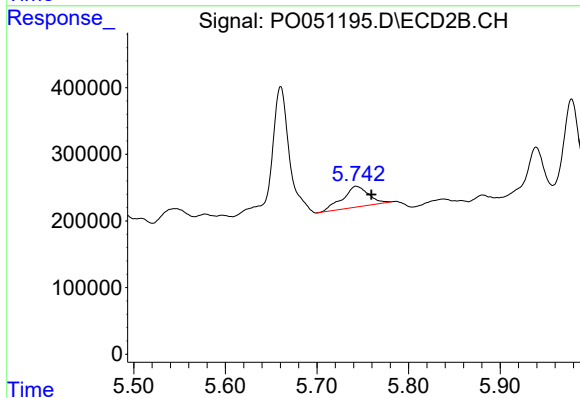




#31 AR-1260-1

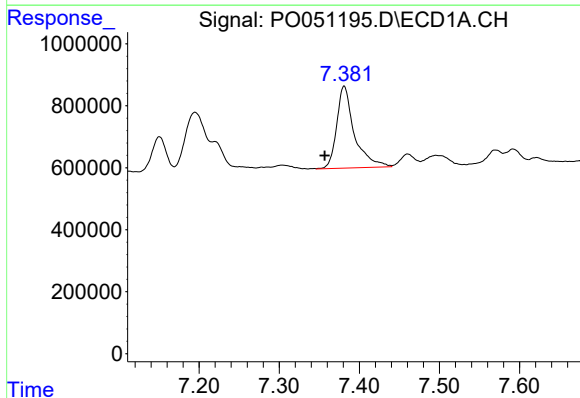
R.T.: 7.151 min  
Delta R.T.: 0.050 min  
Response: 1344209  
Conc: 88.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



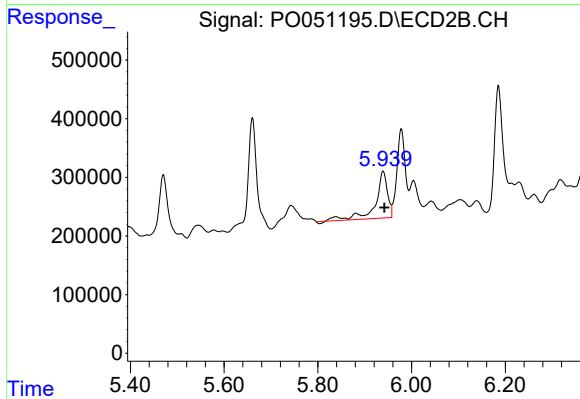
#31 AR-1260-1

R.T.: 5.743 min  
Delta R.T.: -0.016 min  
Response: 611617  
Conc: 46.44 ng/ml



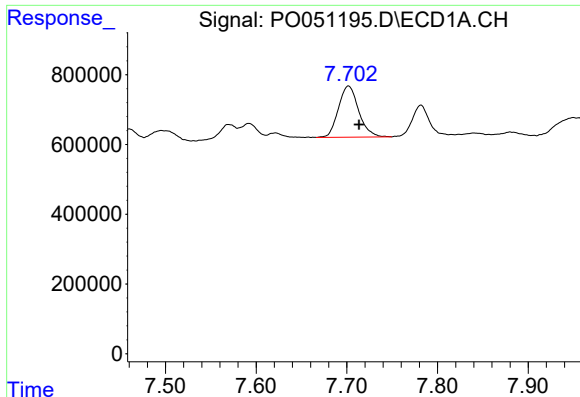
#32 AR-1260-2

R.T.: 7.381 min  
Delta R.T.: 0.024 min  
Response: 4059035  
Conc: 207.57 ng/ml



#32 AR-1260-2

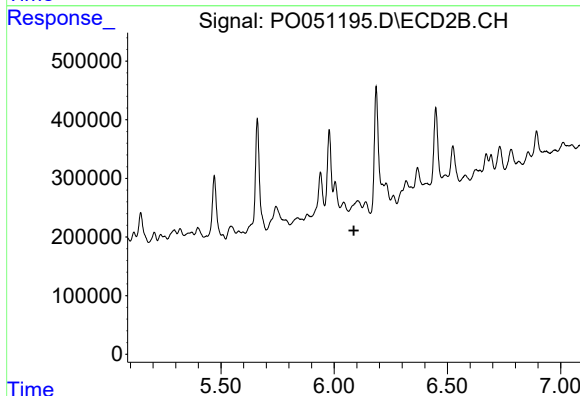
R.T.: 5.939 min  
Delta R.T.: -0.003 min  
Response: 1444716  
Conc: 78.22 ng/ml



#33 AR-1260-3

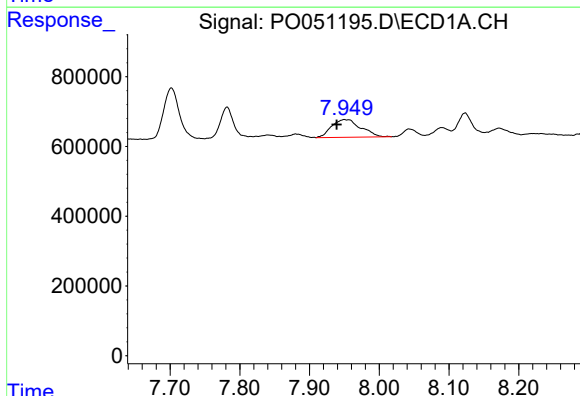
R.T.: 7.702 min  
Delta R.T.: -0.012 min  
Response: 2274440  
Conc: 180.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



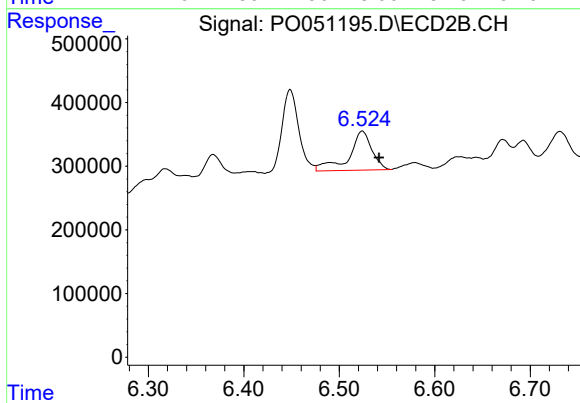
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.087 min  
Response: 0  
Conc: N.D.



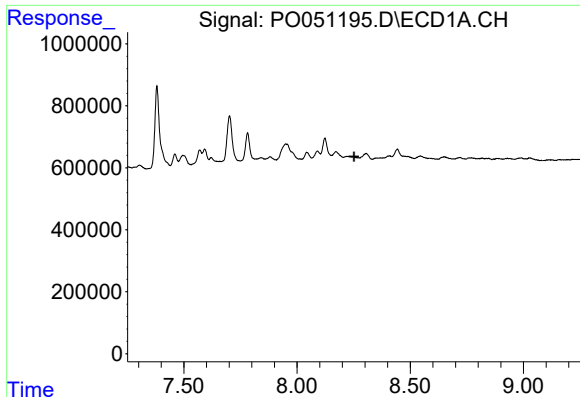
#34 AR-1260-4

R.T.: 7.950 min  
Delta R.T.: 0.011 min  
Response: 1488717  
Conc: 105.79 ng/ml



#34 AR-1260-4

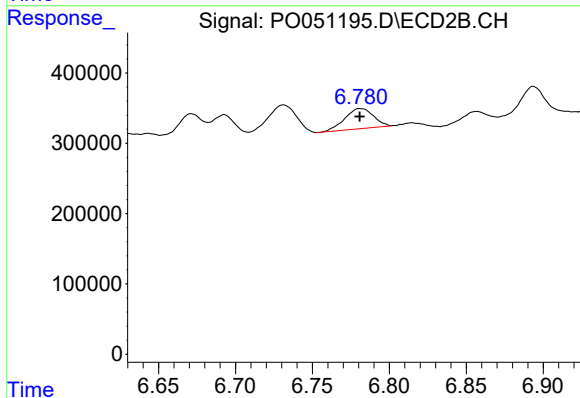
R.T.: 6.524 min  
Delta R.T.: -0.018 min  
Response: 1023457  
Conc: 96.19 ng/ml



#35 AR-1260-5

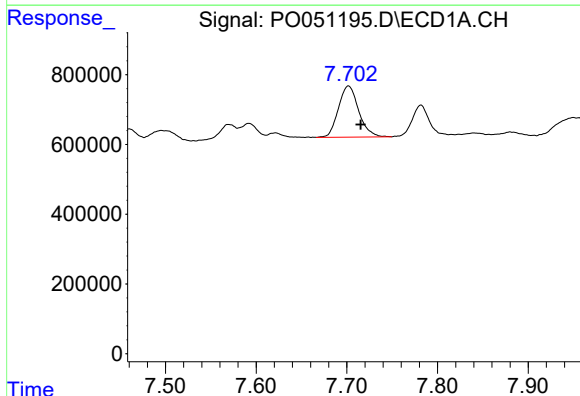
R.T.: 0.000 min  
Exp R.T.: 8.251 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



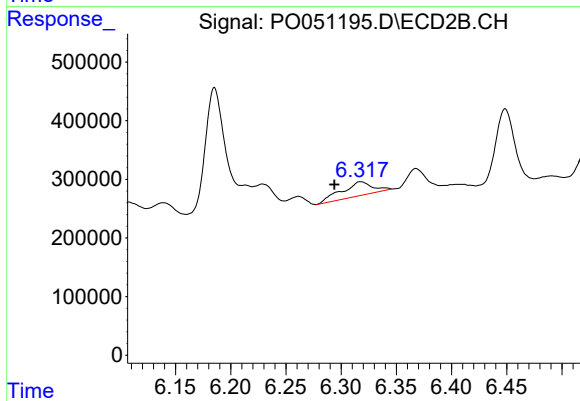
#35 AR-1260-5

R.T.: 6.781 min  
Delta R.T.: 0.000 min  
Response: 367016  
Conc: 12.66 ng/ml



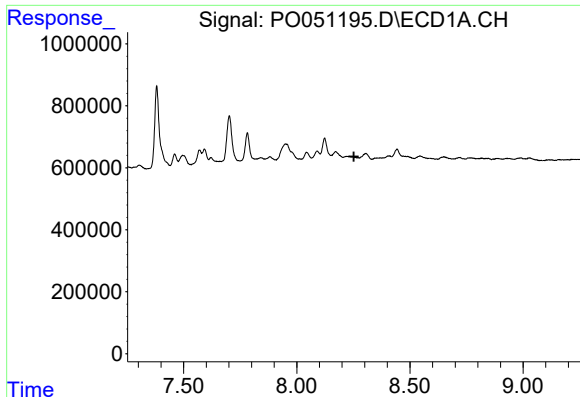
#36 AR-1262-1

R.T.: 7.702 min  
Delta R.T.: -0.013 min  
Response: 2274440  
Conc: 95.27 ng/ml



#36 AR-1262-1

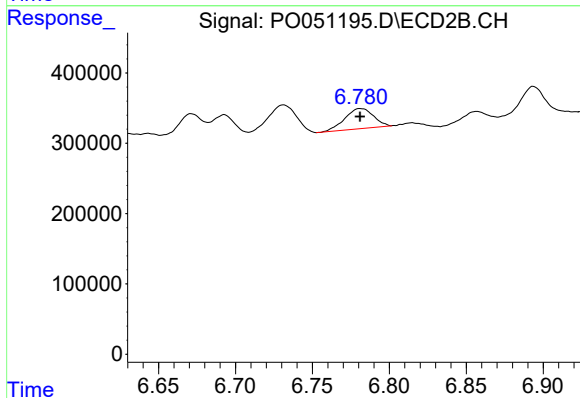
R.T.: 6.318 min  
Delta R.T.: 0.024 min  
Response: 459180  
Conc: 18.67 ng/ml



#37 AR-1262-2

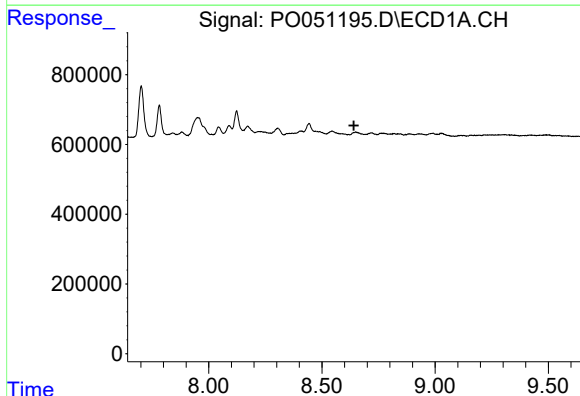
R.T.: 0.000 min  
Exp R.T. : 8.252 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



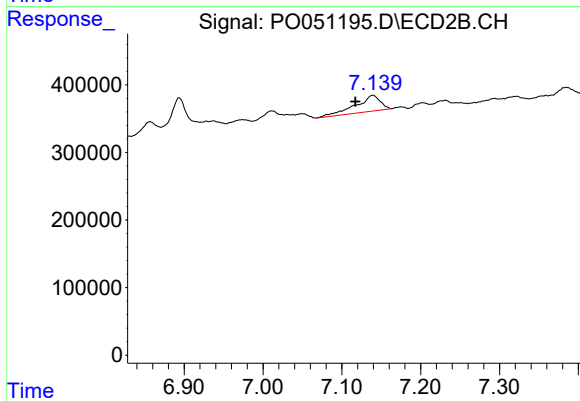
#37 AR-1262-2

R.T.: 6.781 min  
Delta R.T.: 0.000 min  
Response: 367016  
Conc: 9.39 ng/ml



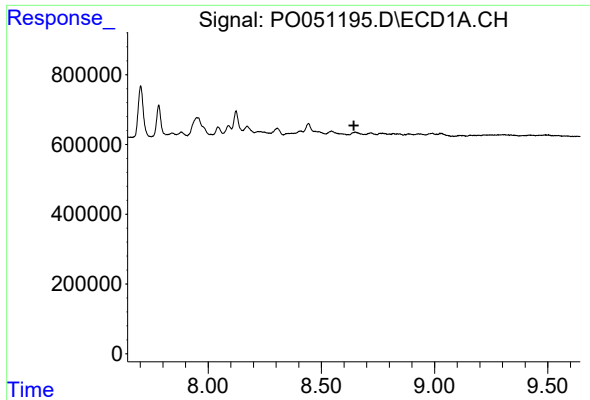
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.641 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

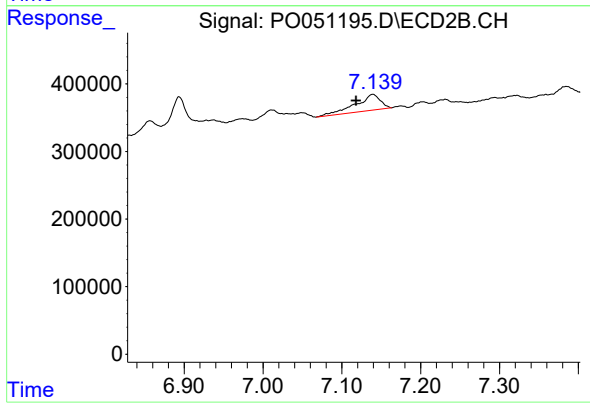
R.T.: 7.139 min  
Delta R.T.: 0.022 min  
Response: 519149  
Conc: 19.02 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.643 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#42 AR-1268-2

R.T.: 7.139 min  
Delta R.T.: 0.021 min  
Response: 519149  
Conc: 11.85 ng/ml