

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121419\  
 Data File : PO064644.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 14 Dec 2019 1:56  
 Operator : SM/AJ  
 Sample : K6143-03  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 7F

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 03:03:22 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 13 08:19:24 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... | 4.182 | 3.460 | 538450  | 687182  | 22.117  | 27.109    |
| 2)                          | SA Decachlor... | 9.700 | 8.384 | 410149  | 529222  | 13.364  | 15.239    |
| Target Compounds            |                 |       |       |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 5.270 | 0.000 | 9294    | 0       | 9.314   | N.D. #    |
| 7)                          | L1 AR-1016-5    | 5.806 | 4.914 | 91618   | 132982  | 125.716 | 152.404   |
| 15)                         | L3 AR-1232-5    | 5.606 | 4.914 | 42893   | 132982  | 103.359 | 209.523 # |
| 16)                         | L4 AR-1242-1    | 5.270 | 0.000 | 9294    | 0       | 11.859  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.207 | 5.317 | 49495   | 136313  | 71.019  | 153.342 # |
| 21)                         | L5 AR-1248-1    | 5.270 | 0.000 | 9294    | 0       | 14.400  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.606 | 0.000 | 42893   | 0       | 46.417  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 5.806 | 0.000 | 91618   | 0       | 86.238  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.207 | 4.914 | 49495   | 132982  | 37.954  | 103.326 # |
| 25)                         | L5 AR-1248-5    | 6.207 | 5.317 | 49495   | 136313  | 39.776  | 71.705 #  |
| 26)                         | L6 AR-1254-1    | 6.176 | 5.317 | 75540   | 136313  | 59.315  | 67.125    |
| 27)                         | L6 AR-1254-2    | 6.393 | 5.463 | 290646  | 303312  | 139.730 | 166.346   |
| 28)                         | L6 AR-1254-3    | 6.758 | 5.863 | 402917  | 812250  | 168.740 | 261.474 # |
| 29)                         | L6 AR-1254-4    | 7.039 | 6.089 | 341756  | 295631  | 182.764 | 143.927   |
| 30)                         | L6 AR-1254-5    | 7.454 | 6.504 | 1067260 | 1136160 | 507.247 | 380.638   |
| 31)                         | L7 AR-1260-1    | 6.918 | 5.991 | 558372  | 677363  | 363.451 | 366.836   |
| 32)                         | L7 AR-1260-2    | 7.174 | 6.178 | 765789  | 990456  | 387.938 | 425.709   |
| 33)                         | L7 AR-1260-3    | 7.529 | 6.331 | 827578  | 571270  | 550.760 | 269.808 # |
| 34)                         | L7 AR-1260-4    | 7.752 | 6.798 | 876474  | 717816  | 474.482 | 381.027   |
| 35)                         | L7 AR-1260-5    | 8.059 | 7.040 | 1134353 | 1736133 | 303.977 | 370.176   |
| 36)                         | L8 AR-1262-1    | 7.529 | 6.594 | 827578  | 471920  | 359.904 | 411.349   |
| 37)                         | L8 AR-1262-2    | 8.059 | 7.040 | 1134353 | 1736133 | 261.334 | 317.722   |
| 38)                         | L8 AR-1262-3    | 8.346 | 7.321 | 960330  | 605681  | 330.011 | 290.800   |
| 39)                         | L8 AR-1262-4    | 8.429 | 7.385 | 593180  | 1113722 | 274.071 | 279.754   |
| 40)                         | L8 AR-1262-5    | 9.028 | 7.876 | 413542  | 505681  | 281.926 | 290.025   |
| 41)                         | L9 AR-1268-1    | 8.346 | 7.321 | 960330  | 605681  | 185.819 | 94.719 #  |
| 42)                         | L9 AR-1268-2    | 8.429 | 7.385 | 593180  | 1113722 | 126.143 | 191.083 # |
| 43)                         | L9 AR-1268-3    | 8.635 | 7.590 | 63635   | 33294   | 16.507  | 6.970 #   |
| 44)                         | L9 AR-1268-4    | 9.028 | 7.876 | 413542  | 505681  | 245.980 | 251.221   |
| 45)                         | L9 AR-1268-5    | 9.400 | 8.148 | 143143  | 166487  | 12.062  | 11.509    |
| -----                       |                 |       |       |         |         |         |           |

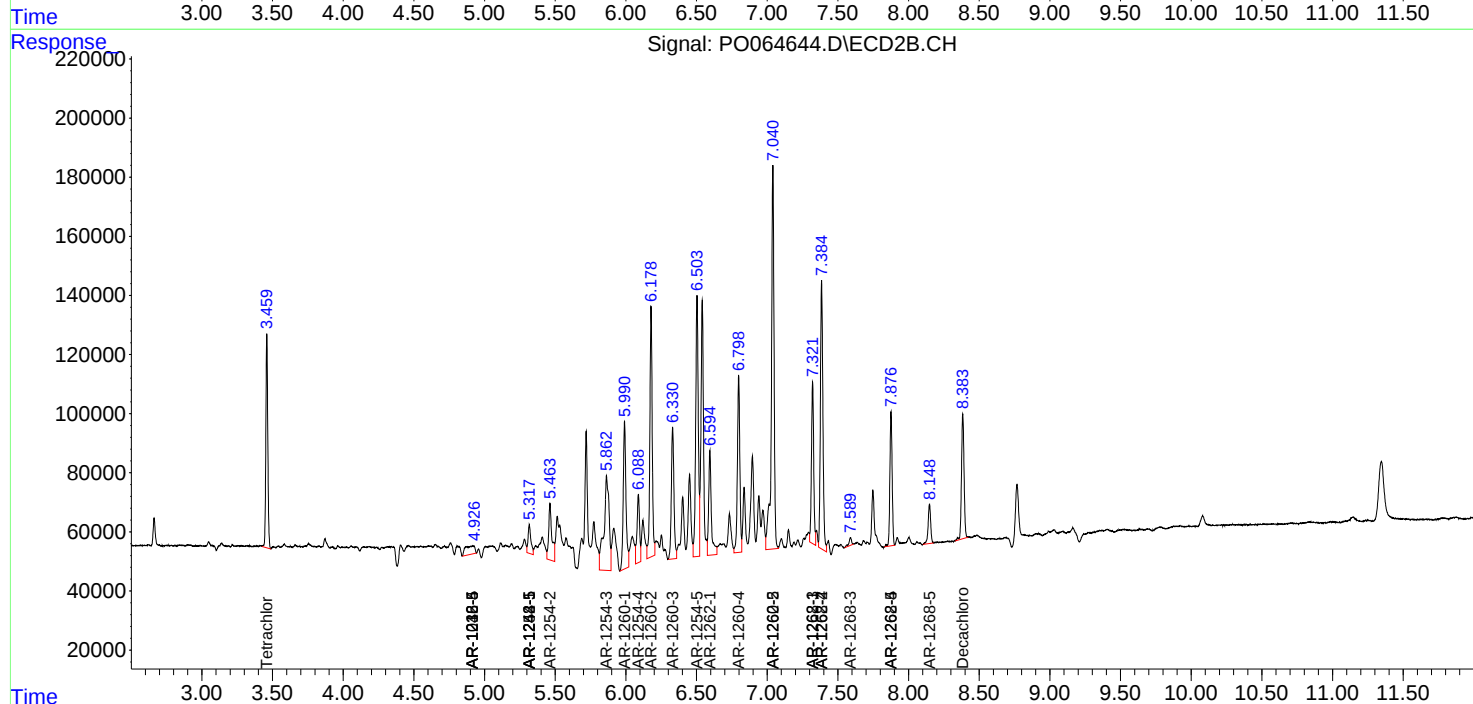
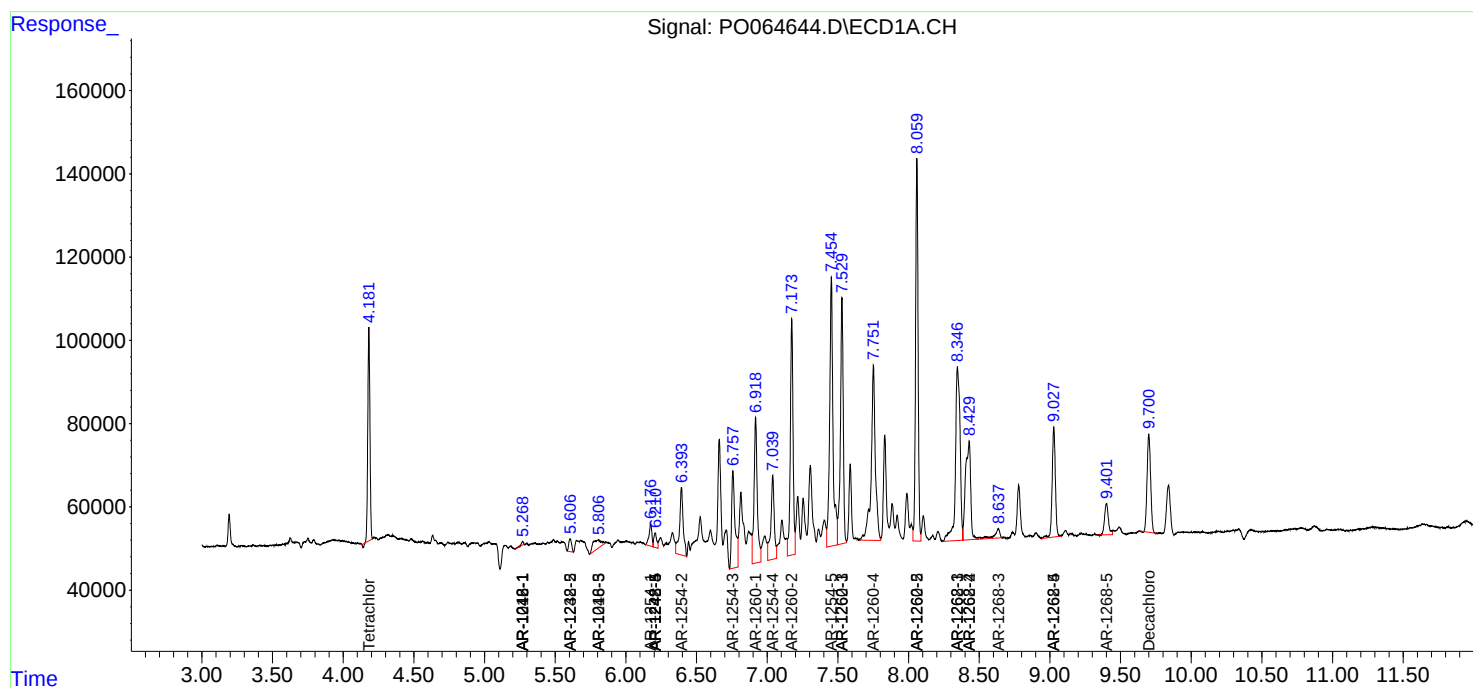
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

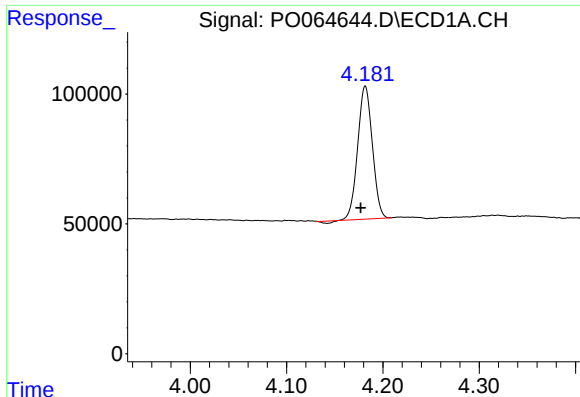
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121419\  
Data File : P0064644.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 14 Dec 2019 1:56  
Operator : SM/AJ  
Sample : K6143-03  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
7F

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 03:03:22 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 13 08:19:24 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

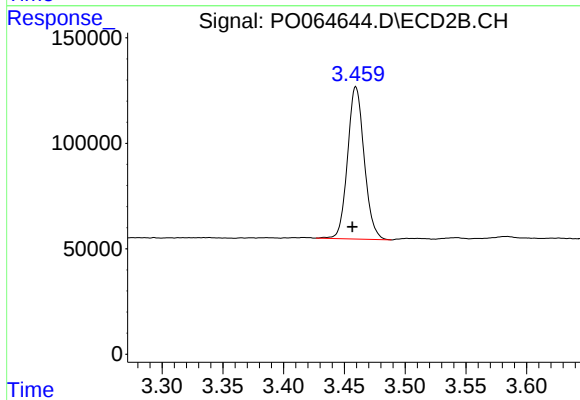




#1 Tetrachloro-m-xylene

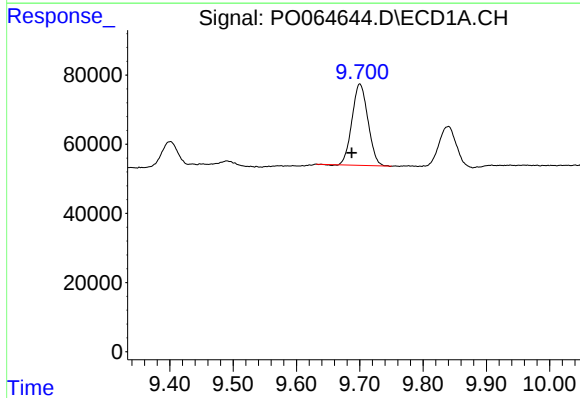
R.T.: 4.182 min  
Delta R.T.: 0.005 min  
Response: 538450  
Conc: 22.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



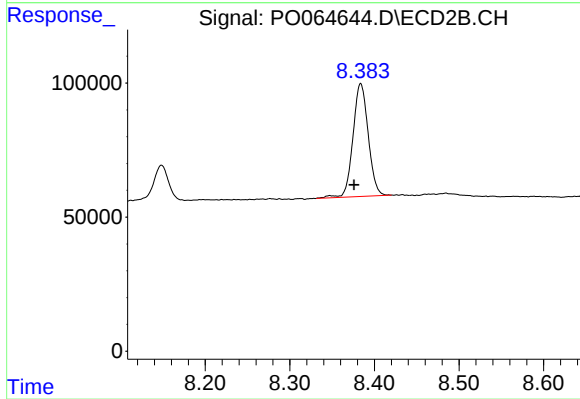
#1 Tetrachloro-m-xylene

R.T.: 3.460 min  
Delta R.T.: 0.003 min  
Response: 687182  
Conc: 27.11 ng/ml



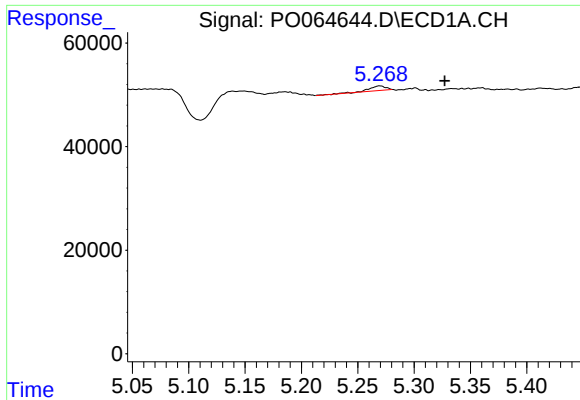
#2 Decachlorobiphenyl

R.T.: 9.700 min  
Delta R.T.: 0.013 min  
Response: 410149  
Conc: 13.36 ng/ml



#2 Decachlorobiphenyl

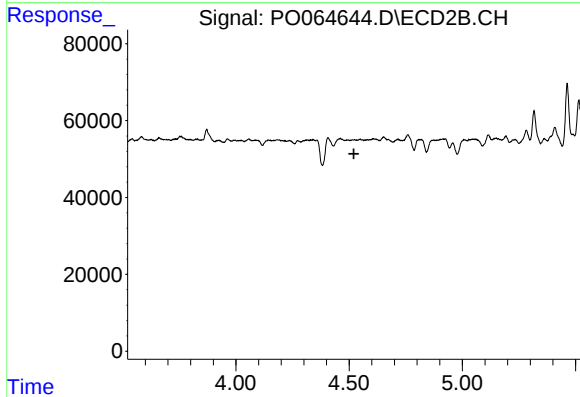
R.T.: 8.384 min  
Delta R.T.: 0.008 min  
Response: 529222  
Conc: 15.24 ng/ml



#3 AR-1016-1

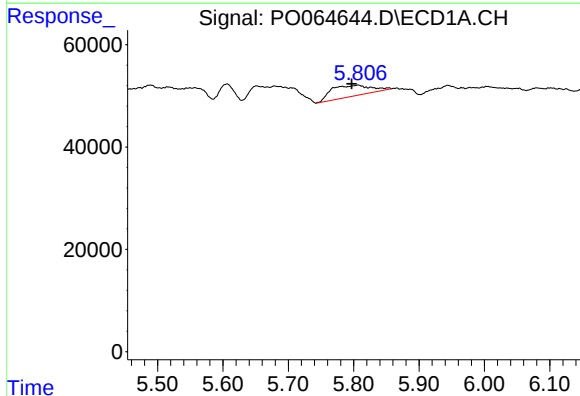
R.T.: 5.270 min  
Delta R.T.: -0.057 min  
Response: 9294  
Conc: 9.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



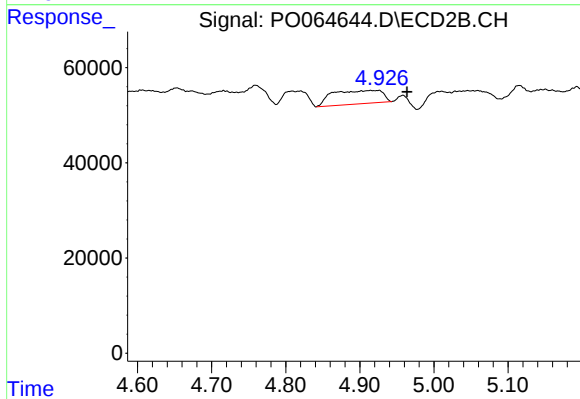
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.521 min  
Response: 0  
Conc: N.D.



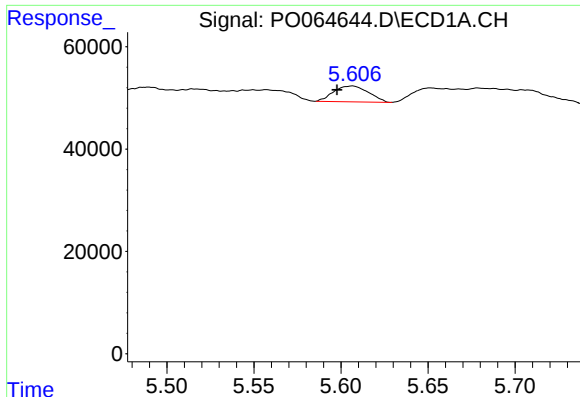
#7 AR-1016-5

R.T.: 5.806 min  
Delta R.T.: 0.009 min  
Response: 91618  
Conc: 125.72 ng/ml



#7 AR-1016-5

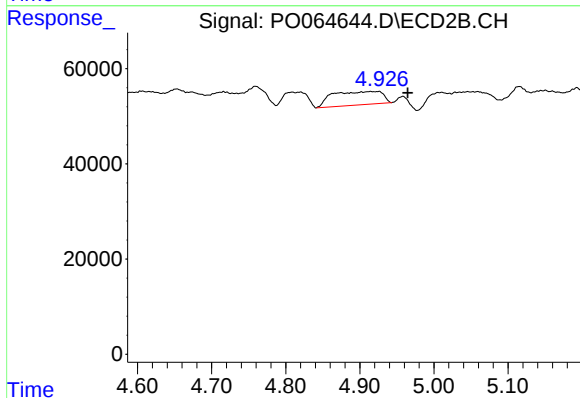
R.T.: 4.914 min  
Delta R.T.: -0.049 min  
Response: 132982  
Conc: 152.40 ng/ml



#15 AR-1232-5

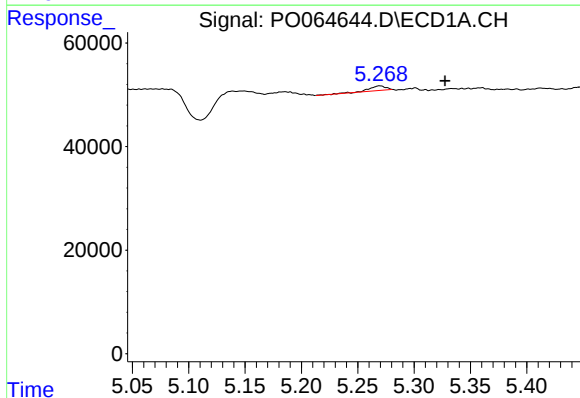
R.T.: 5.606 min  
Delta R.T.: 0.009 min  
Response: 42893  
Conc: 103.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



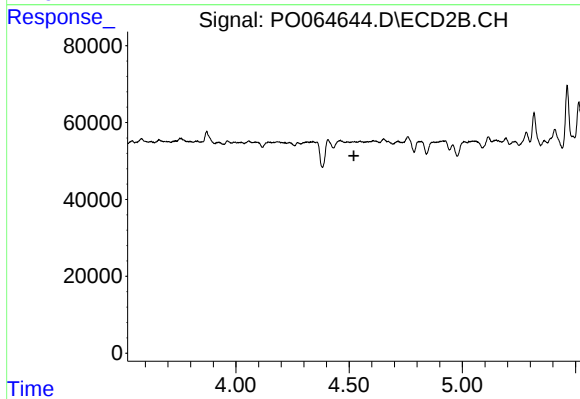
#15 AR-1232-5

R.T.: 4.914 min  
Delta R.T.: -0.050 min  
Response: 132982  
Conc: 209.52 ng/ml



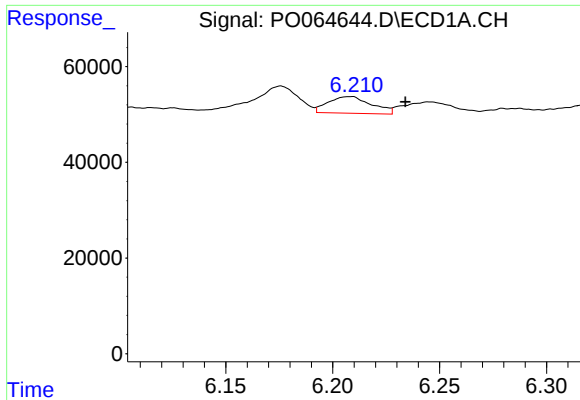
#16 AR-1242-1

R.T.: 5.270 min  
Delta R.T.: -0.058 min  
Response: 9294  
Conc: 11.86 ng/ml



#16 AR-1242-1

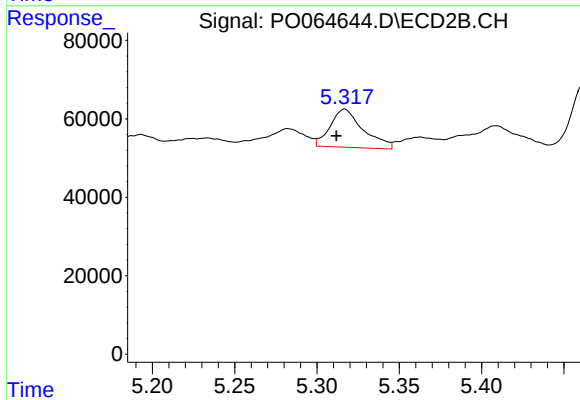
R.T.: 0.000 min  
Exp R.T.: 4.521 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

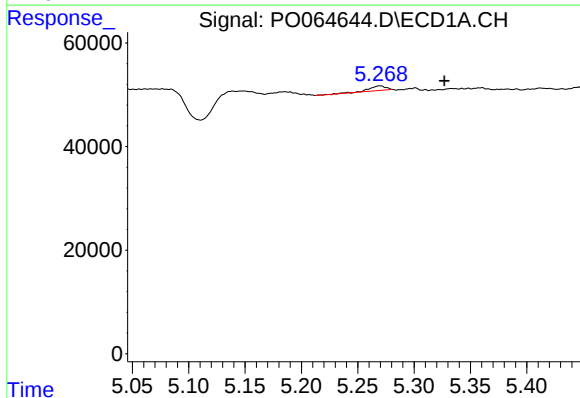
R.T.: 6.207 min  
Delta R.T.: -0.027 min  
Response: 49495  
Conc: 71.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



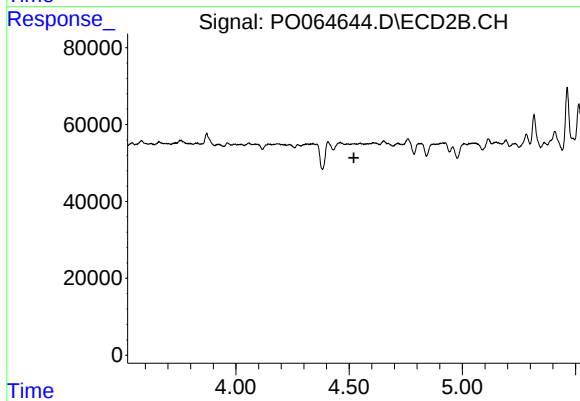
#20 AR-1242-5

R.T.: 5.317 min  
Delta R.T.: 0.005 min  
Response: 136313  
Conc: 153.34 ng/ml



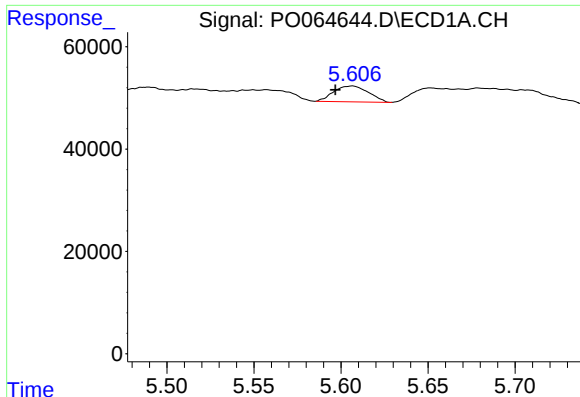
#21 AR-1248-1

R.T.: 5.270 min  
Delta R.T.: -0.057 min  
Response: 9294  
Conc: 14.40 ng/ml



#21 AR-1248-1

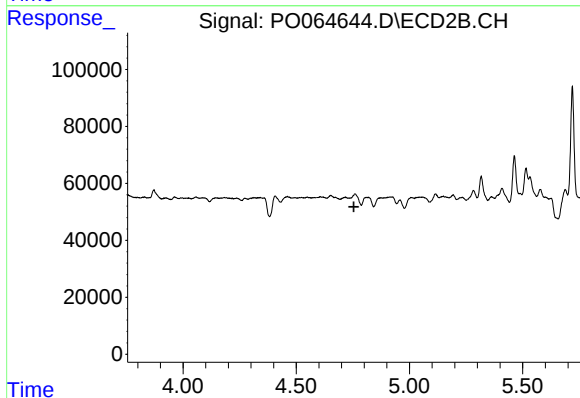
R.T.: 0.000 min  
Exp R.T.: 4.521 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

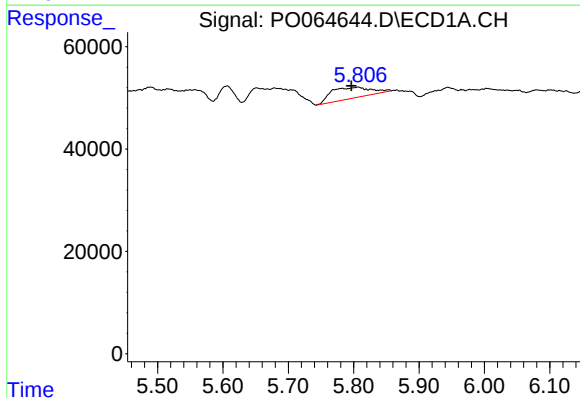
R.T.: 5.606 min  
Delta R.T.: 0.010 min  
Response: 42893  
Conc: 46.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



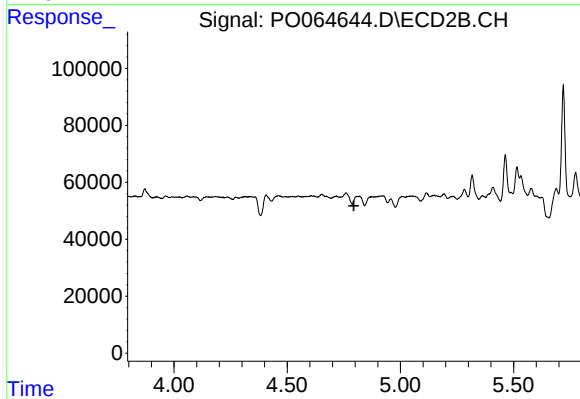
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 4.754 min  
Response: 0  
Conc: N.D.



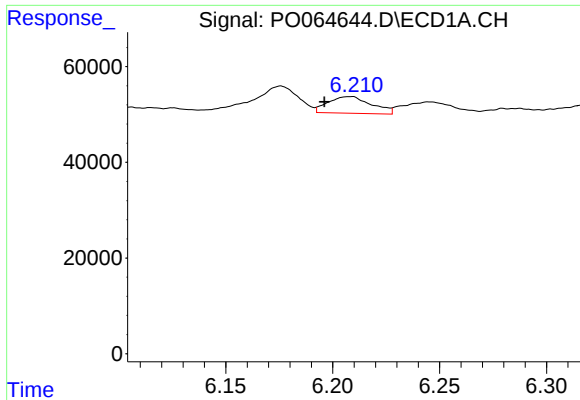
#23 AR-1248-3

R.T.: 5.806 min  
Delta R.T.: 0.010 min  
Response: 91618  
Conc: 86.24 ng/ml



#23 AR-1248-3

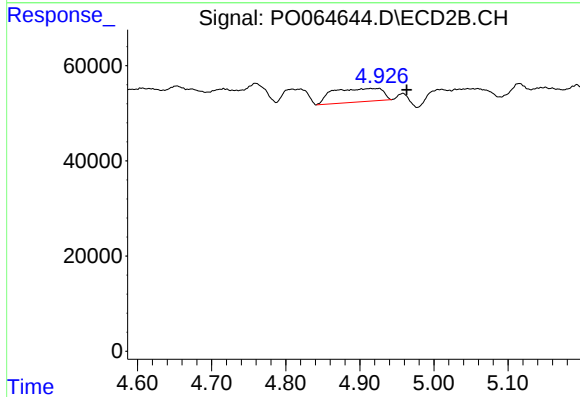
R.T.: 0.000 min  
Exp R.T. : 4.795 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

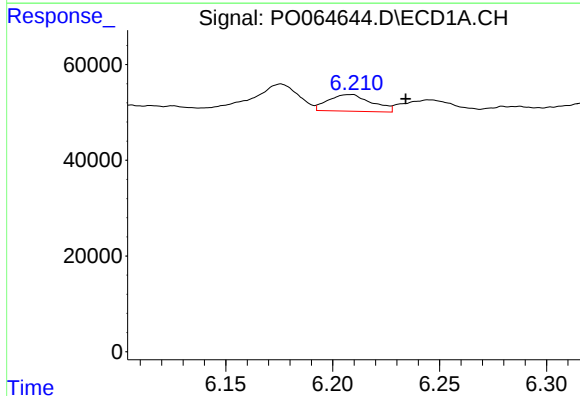
R.T.: 6.207 min  
Delta R.T.: 0.011 min  
Response: 49495  
Conc: 37.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



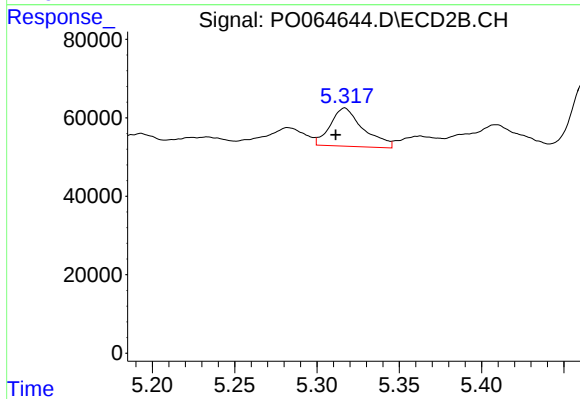
#24 AR-1248-4

R.T.: 4.914 min  
Delta R.T.: -0.049 min  
Response: 132982  
Conc: 103.33 ng/ml



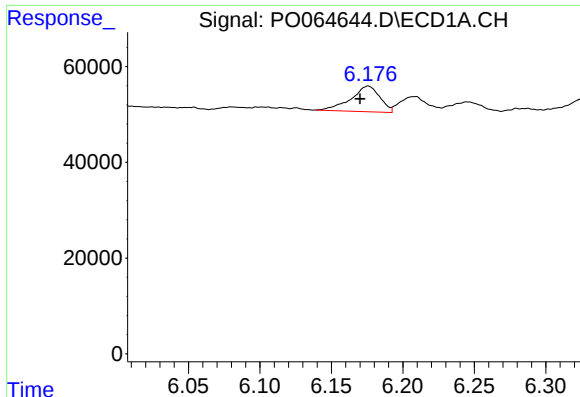
#25 AR-1248-5

R.T.: 6.207 min  
Delta R.T.: -0.027 min  
Response: 49495  
Conc: 39.78 ng/ml



#25 AR-1248-5

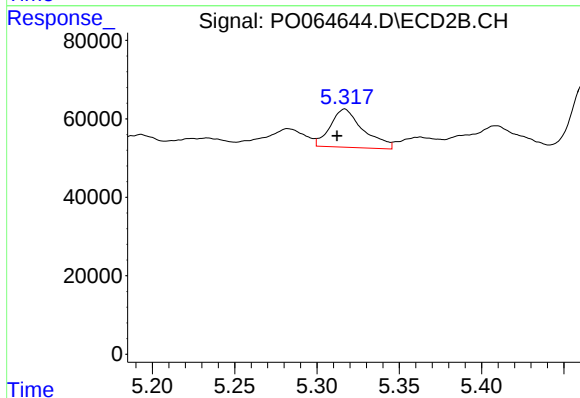
R.T.: 5.317 min  
Delta R.T.: 0.006 min  
Response: 136313  
Conc: 71.70 ng/ml



#26 AR-1254-1

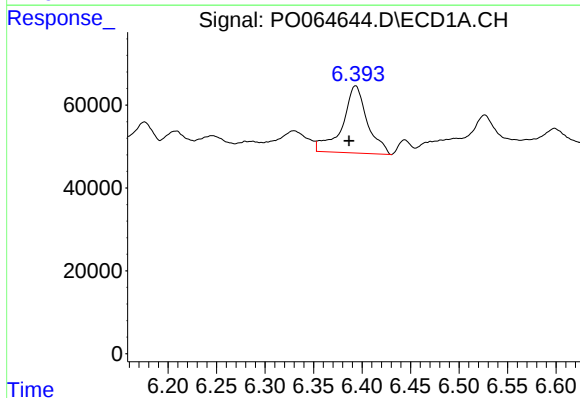
R.T.: 6.176 min  
Delta R.T.: 0.006 min  
Response: 75540  
Conc: 59.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



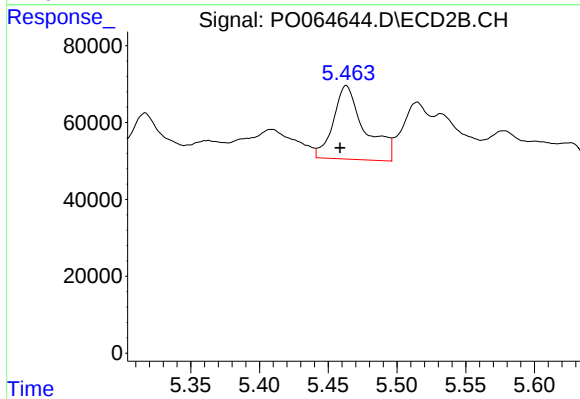
#26 AR-1254-1

R.T.: 5.317 min  
Delta R.T.: 0.005 min  
Response: 136313  
Conc: 67.13 ng/ml



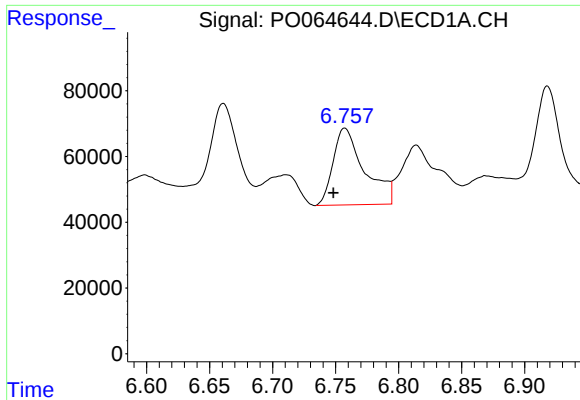
#27 AR-1254-2

R.T.: 6.393 min  
Delta R.T.: 0.007 min  
Response: 290646  
Conc: 139.73 ng/ml



#27 AR-1254-2

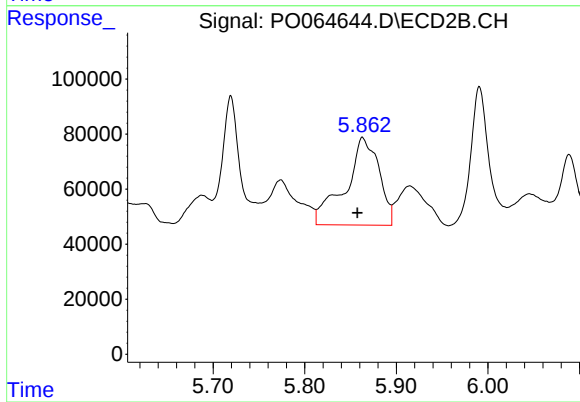
R.T.: 5.463 min  
Delta R.T.: 0.005 min  
Response: 303312  
Conc: 166.35 ng/ml



#28 AR-1254-3

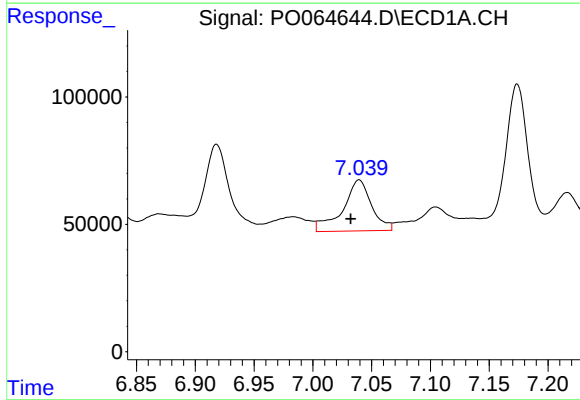
R.T.: 6.758 min  
Delta R.T.: 0.009 min  
Response: 402917  
Conc: 168.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



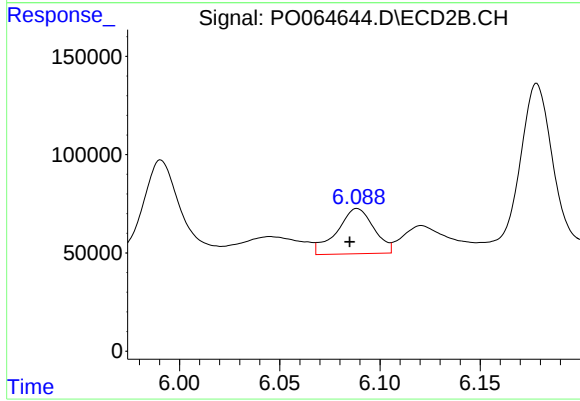
#28 AR-1254-3

R.T.: 5.863 min  
Delta R.T.: 0.005 min  
Response: 812250  
Conc: 261.47 ng/ml



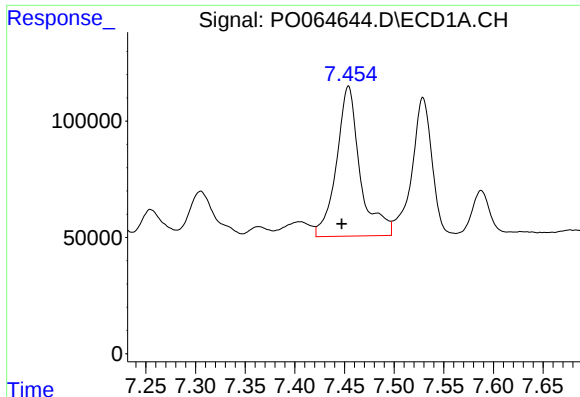
#29 AR-1254-4

R.T.: 7.039 min  
Delta R.T.: 0.007 min  
Response: 341756  
Conc: 182.76 ng/ml



#29 AR-1254-4

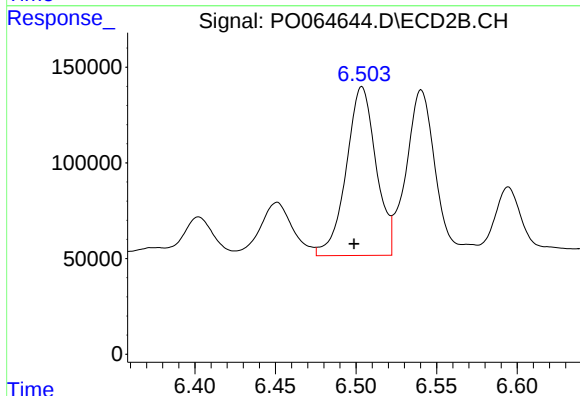
R.T.: 6.089 min  
Delta R.T.: 0.004 min  
Response: 295631  
Conc: 143.93 ng/ml



#30 AR-1254-5

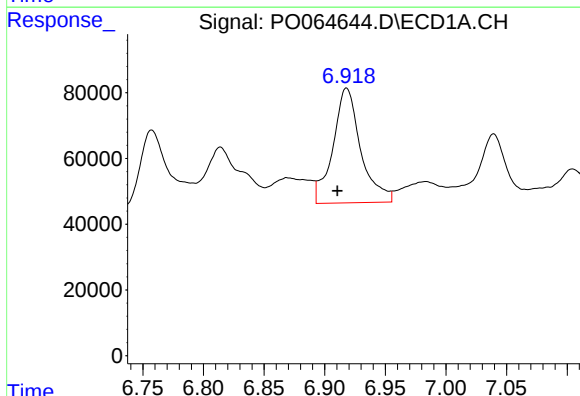
R.T.: 7.454 min  
Delta R.T.: 0.007 min  
Response: 1067260  
Conc: 507.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



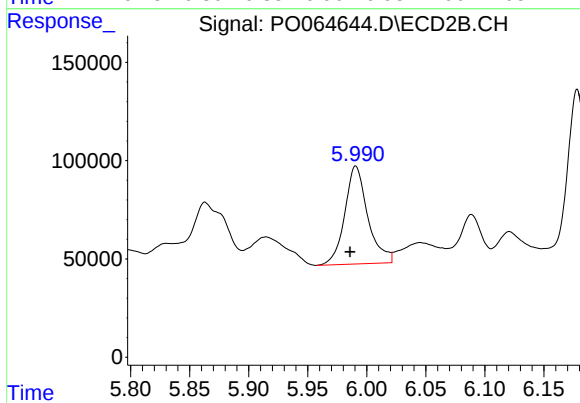
#30 AR-1254-5

R.T.: 6.504 min  
Delta R.T.: 0.005 min  
Response: 1136160  
Conc: 380.64 ng/ml



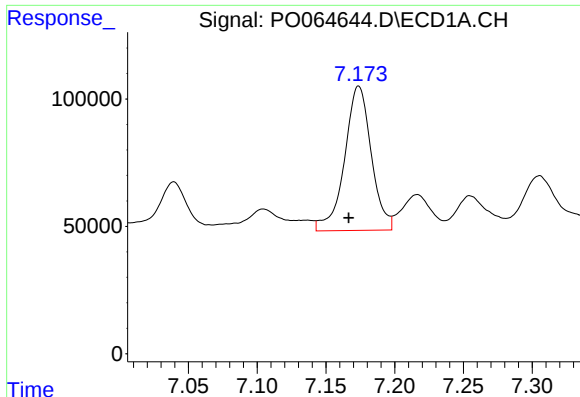
#31 AR-1260-1

R.T.: 6.918 min  
Delta R.T.: 0.008 min  
Response: 558372  
Conc: 363.45 ng/ml



#31 AR-1260-1

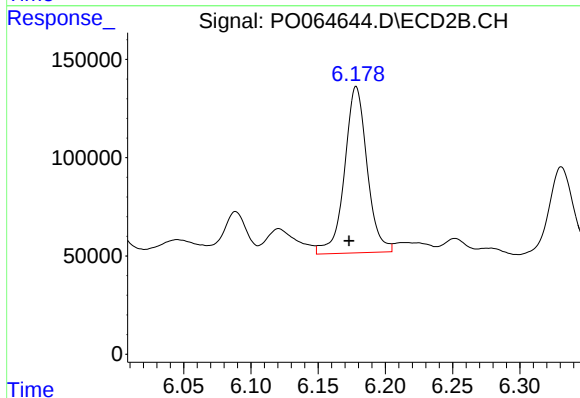
R.T.: 5.991 min  
Delta R.T.: 0.005 min  
Response: 677363  
Conc: 366.84 ng/ml



#32 AR-1260-2

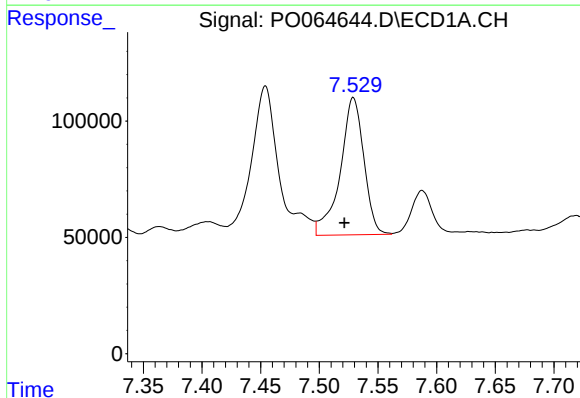
R.T.: 7.174 min  
Delta R.T.: 0.007 min  
Response: 765789  
Conc: 387.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



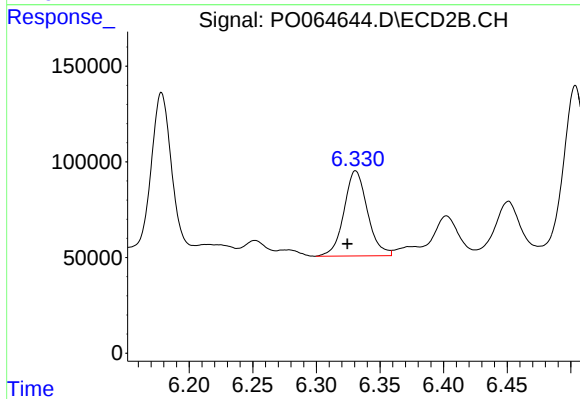
#32 AR-1260-2

R.T.: 6.178 min  
Delta R.T.: 0.005 min  
Response: 990456  
Conc: 425.71 ng/ml



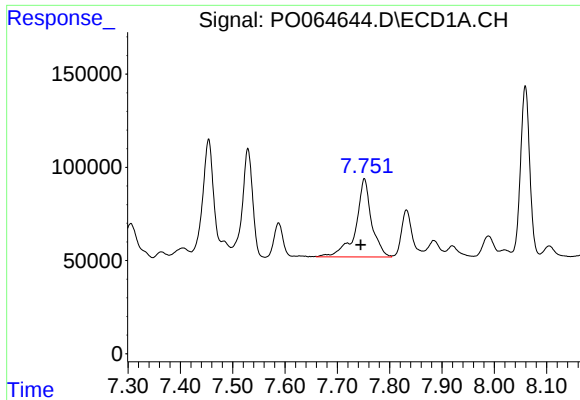
#33 AR-1260-3

R.T.: 7.529 min  
Delta R.T.: 0.008 min  
Response: 827578  
Conc: 550.76 ng/ml



#33 AR-1260-3

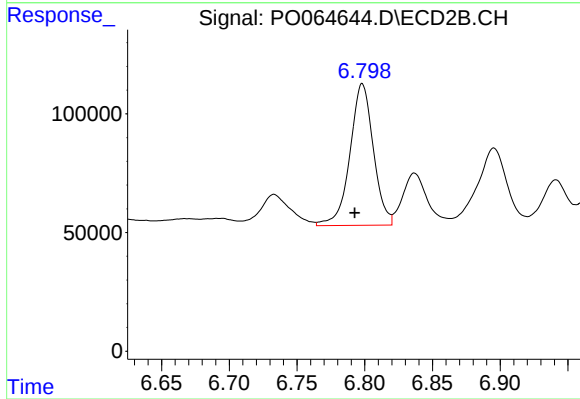
R.T.: 6.331 min  
Delta R.T.: 0.006 min  
Response: 571270  
Conc: 269.81 ng/ml



#34 AR-1260-4

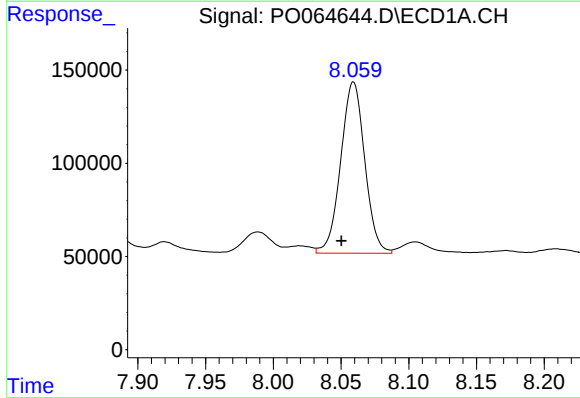
R.T.: 7.752 min  
Delta R.T.: 0.007 min  
Response: 876474  
Conc: 474.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



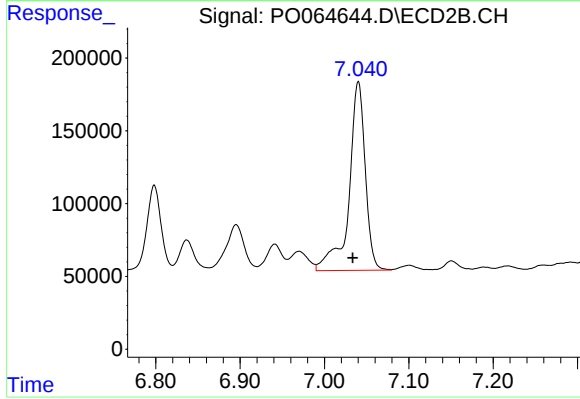
#34 AR-1260-4

R.T.: 6.798 min  
Delta R.T.: 0.006 min  
Response: 717816  
Conc: 381.03 ng/ml



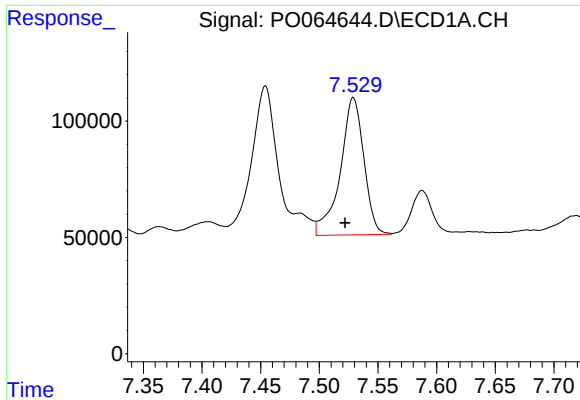
#35 AR-1260-5

R.T.: 8.059 min  
Delta R.T.: 0.009 min  
Response: 1134353  
Conc: 303.98 ng/ml



#35 AR-1260-5

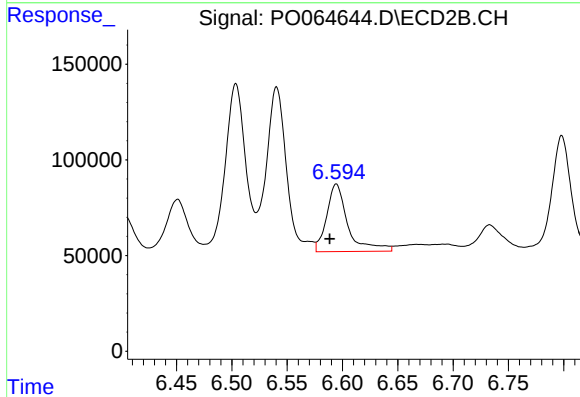
R.T.: 7.040 min  
Delta R.T.: 0.007 min  
Response: 1736133  
Conc: 370.18 ng/ml



#36 AR-1262-1

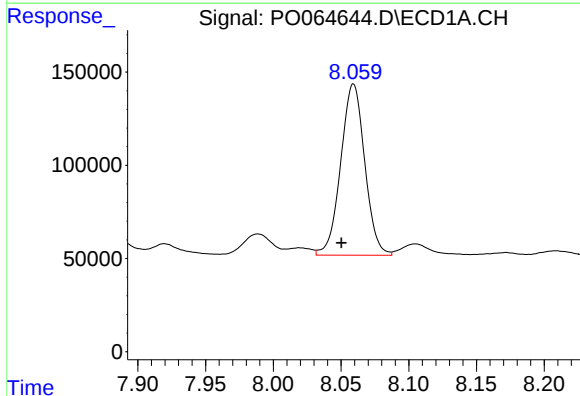
R.T.: 7.529 min  
Delta R.T.: 0.007 min  
Response: 827578  
Conc: 359.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



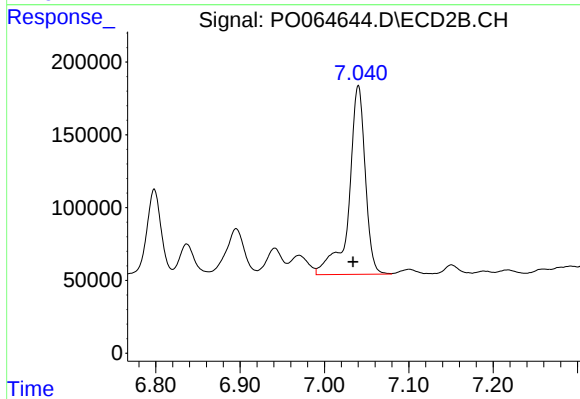
#36 AR-1262-1

R.T.: 6.594 min  
Delta R.T.: 0.006 min  
Response: 471920  
Conc: 411.35 ng/ml



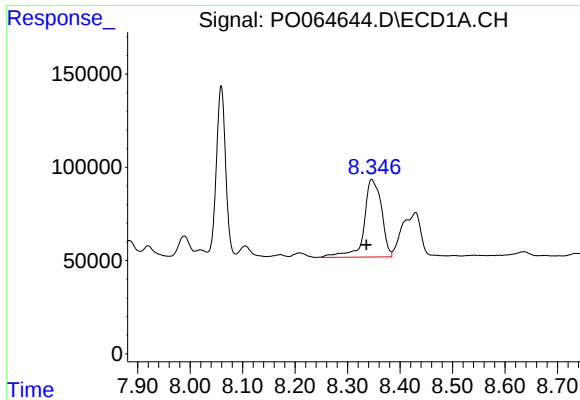
#37 AR-1262-2

R.T.: 8.059 min  
Delta R.T.: 0.009 min  
Response: 1134353  
Conc: 261.33 ng/ml



#37 AR-1262-2

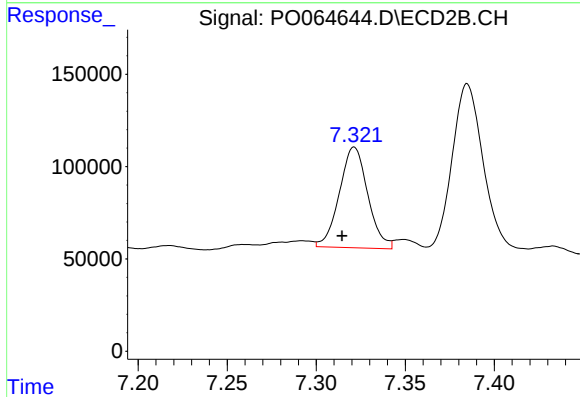
R.T.: 7.040 min  
Delta R.T.: 0.006 min  
Response: 1736133  
Conc: 317.72 ng/ml



#38 AR-1262-3

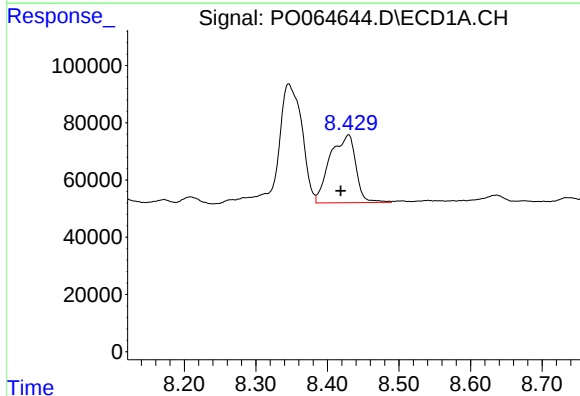
R.T.: 8.346 min  
Delta R.T.: 0.010 min  
Response: 960330  
Conc: 330.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



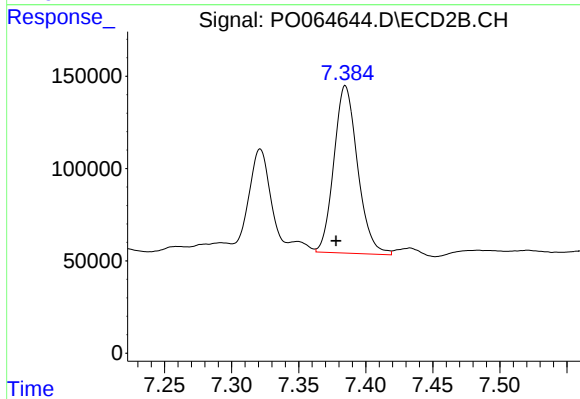
#38 AR-1262-3

R.T.: 7.321 min  
Delta R.T.: 0.007 min  
Response: 605681  
Conc: 290.80 ng/ml



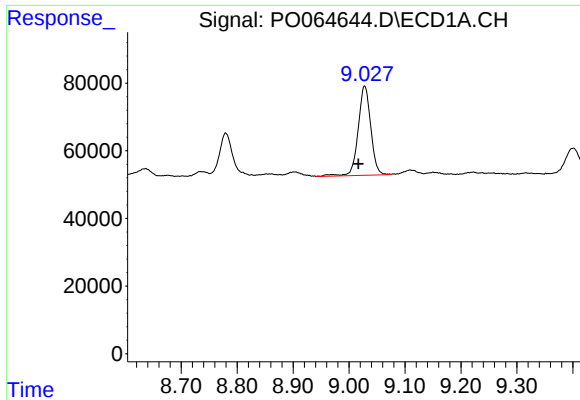
#39 AR-1262-4

R.T.: 8.429 min  
Delta R.T.: 0.010 min  
Response: 593180  
Conc: 274.07 ng/ml



#39 AR-1262-4

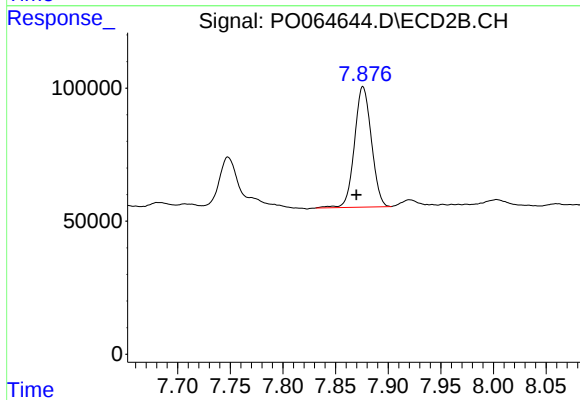
R.T.: 7.385 min  
Delta R.T.: 0.007 min  
Response: 1113722  
Conc: 279.75 ng/ml



#40 AR-1262-5

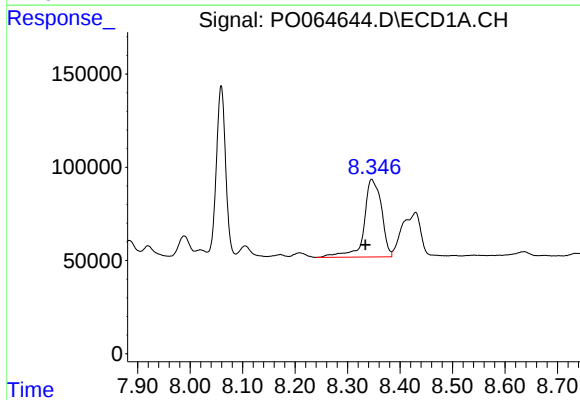
R.T.: 9.028 min  
Delta R.T.: 0.011 min  
Response: 413542  
Conc: 281.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



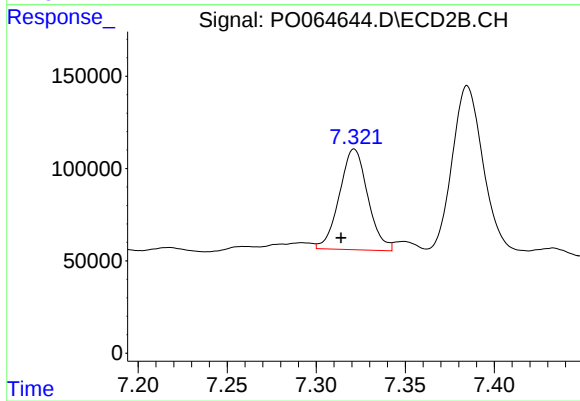
#40 AR-1262-5

R.T.: 7.876 min  
Delta R.T.: 0.007 min  
Response: 505681  
Conc: 290.02 ng/ml



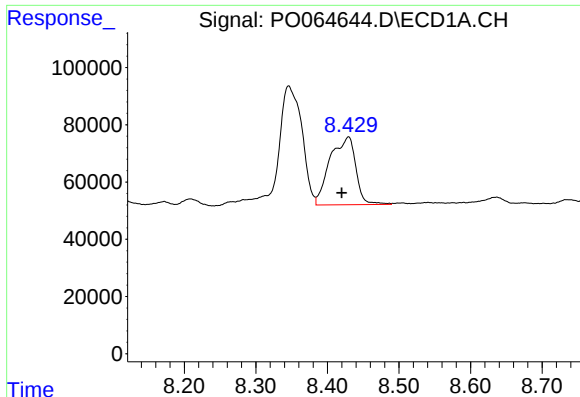
#41 AR-1268-1

R.T.: 8.346 min  
Delta R.T.: 0.013 min  
Response: 960330  
Conc: 185.82 ng/ml



#41 AR-1268-1

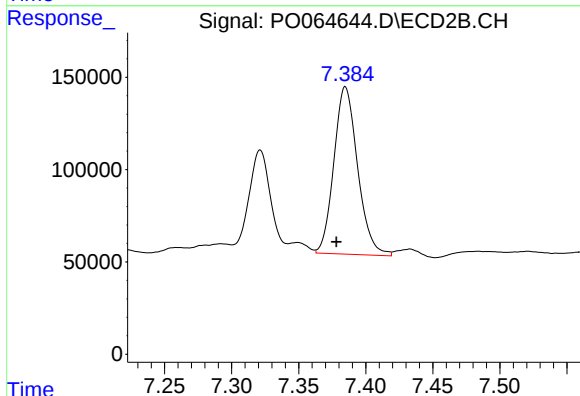
R.T.: 7.321 min  
Delta R.T.: 0.007 min  
Response: 605681  
Conc: 94.72 ng/ml



#42 AR-1268-2

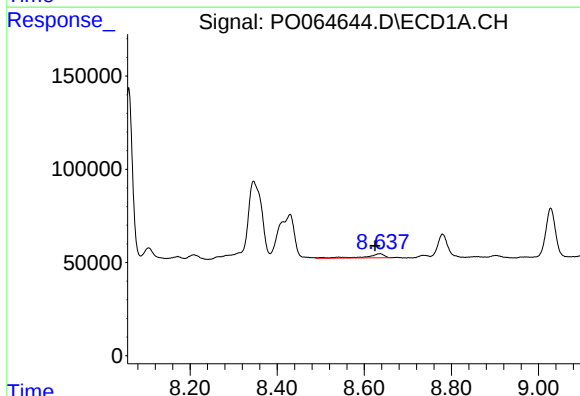
R.T.: 8.429 min  
Delta R.T.: 0.009 min  
Response: 593180  
Conc: 126.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



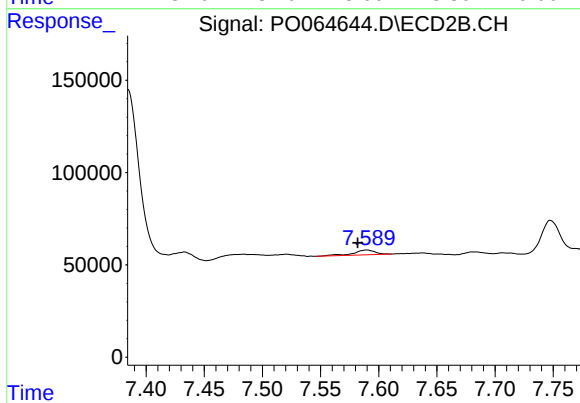
#42 AR-1268-2

R.T.: 7.385 min  
Delta R.T.: 0.007 min  
Response: 1113722  
Conc: 191.08 ng/ml



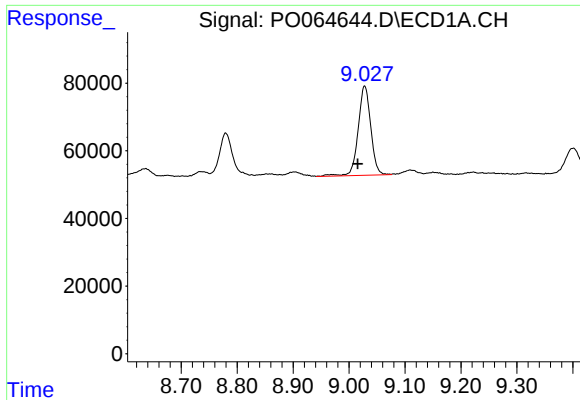
#43 AR-1268-3

R.T.: 8.635 min  
Delta R.T.: 0.010 min  
Response: 63635  
Conc: 16.51 ng/ml



#43 AR-1268-3

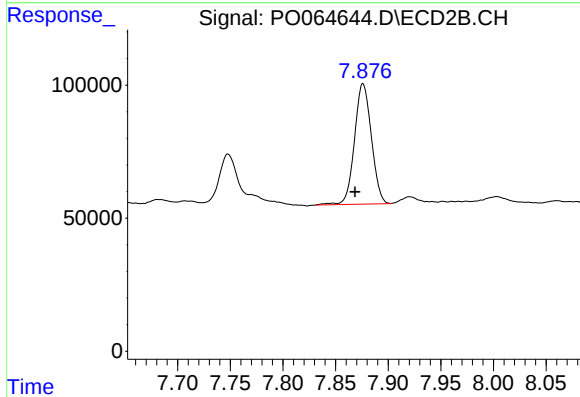
R.T.: 7.590 min  
Delta R.T.: 0.008 min  
Response: 33294  
Conc: 6.97 ng/ml



#44 AR-1268-4

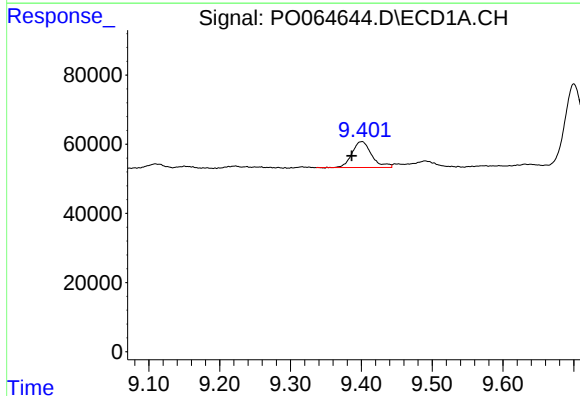
R.T.: 9.028 min  
Delta R.T.: 0.012 min  
Response: 413542  
Conc: 245.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
7F



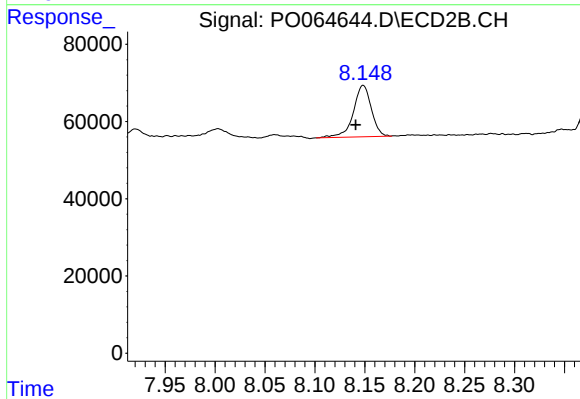
#44 AR-1268-4

R.T.: 7.876 min  
Delta R.T.: 0.008 min  
Response: 505681  
Conc: 251.22 ng/ml



#45 AR-1268-5

R.T.: 9.400 min  
Delta R.T.: 0.014 min  
Response: 143143  
Conc: 12.06 ng/ml



#45 AR-1268-5

R.T.: 8.148 min  
Delta R.T.: 0.008 min  
Response: 166487  
Conc: 11.51 ng/ml