

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0011321\  
 Data File : P0074639.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 14 Jan 2021 2:53  
 Operator : AJ/MA  
 Sample : M1111-02  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 S20-02-D

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 14 03:25:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0011121.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jan 12 06:02:45 2021  
 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... | 4.933  | 4.005 | 2317649  | 1254406  | 21.964   | 22.300     |
| 2)                          | SA Decachlor... | 10.952 | 9.260 | 10233653 | 5272767  | 100.832  | 96.035     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.511 | 0        | 33399    | N.D.     | 23.764 #   |
| 8)                          | L2 AR-1221-1    | 5.188  | 4.250 | 92920    | 27938    | 75.650   | 39.320 #   |
| 15)                         | L3 AR-1232-5    | 6.552  | 0.000 | 48301    | 0        | 59.363   | N.D. #     |
| 20)                         | L4 AR-1242-5    | 7.242  | 6.114 | 77448    | 174699   | 30.776   | 99.781 #   |
| 22)                         | L5 AR-1248-2    | 6.552  | 5.511 | 48301    | 33399    | 15.531   | 17.772     |
| 24)                         | L5 AR-1248-4    | 7.200  | 0.000 | 109114   | 0        | 24.468   | N.D. #     |
| 25)                         | L5 AR-1248-5    | 7.242  | 0.000 | 77448    | 0        | 18.378   | N.D. #     |
| 26)                         | L6 AR-1254-1    | 7.169  | 6.114 | 207474   | 174699   | 47.173   | 48.366     |
| 27)                         | L6 AR-1254-2    | 7.398  | 6.273 | 1409597  | 357430   | 206.966  | 114.688 #  |
| 28)                         | L6 AR-1254-3    | 7.783  | 6.689 | 927269   | 737014   | 132.196  | 150.291    |
| 29)                         | L6 AR-1254-4    | 8.079  | 6.928 | 1400173  | 785803   | 230.874  | 226.601    |
| 30)                         | L6 AR-1254-5    | 8.508  | 7.353 | 3488276  | 2013113  | 600.502  | 444.794 #  |
| 31)                         | L7 AR-1260-1    | 7.950  | 6.825 | 815485   | 580019   | 163.465  | 181.808    |
| 32)                         | L7 AR-1260-2    | 8.216  | 7.022 | 1937557  | 1042185  | 284.847  | 245.160    |
| 33)                         | L7 AR-1260-3    | 8.582  | 7.174 | 4148090  | 563448   | 723.707  | 156.363 #  |
| 34)                         | L7 AR-1260-4    | 8.830f | 7.653 | 8163442  | 3878024  | 1492.045 | 1238.462   |
| 35)                         | L7 AR-1260-5    | 9.140  | 7.900 | 1958421  | 1160316  | 156.737  | 145.976    |
| 36)                         | L8 AR-1262-1    | 8.582  | 7.353 | 4148090  | 2013113  | 465.859  | 791.138 #  |
| 37)                         | L8 AR-1262-2    | 9.140  | 7.900 | 1958421  | 1160316  | 127.916  | 126.199    |
| 38)                         | L8 AR-1262-3    | 9.450  | 8.186 | 28745542 | 15326746 | 2870.022 | 3875.951 # |
| 39)                         | L8 AR-1262-4    | 9.547  | 8.250 | 19201106 | 10893437 | 2578.248 | 1644.240 # |
| 40)                         | L8 AR-1262-5    | 10.210 | 8.743 | 5062980  | 2765408  | 967.772  | 895.701    |
| 41)                         | L9 AR-1268-1    | 9.450  | 8.186 | 28745542 | 15326746 | 1538.557 | 1369.102   |
| 42)                         | L9 AR-1268-2    | 9.547  | 8.250 | 19201106 | 10893437 | 1203.459 | 1138.622   |
| 43)                         | L9 AR-1268-3    | 9.772  | 8.456 | 22661220 | 12425834 | 1595.637 | 1495.492   |
| 44)                         | L9 AR-1268-4    | 10.210 | 8.743 | 5062980  | 2765408  | 864.205  | 797.143    |
| 45)                         | L9 AR-1268-5    | 10.620 | 9.021 | 61019518 | 32025703 | 1460.209 | 1352.503   |
| -----                       |                 |        |       |          |          |          |            |

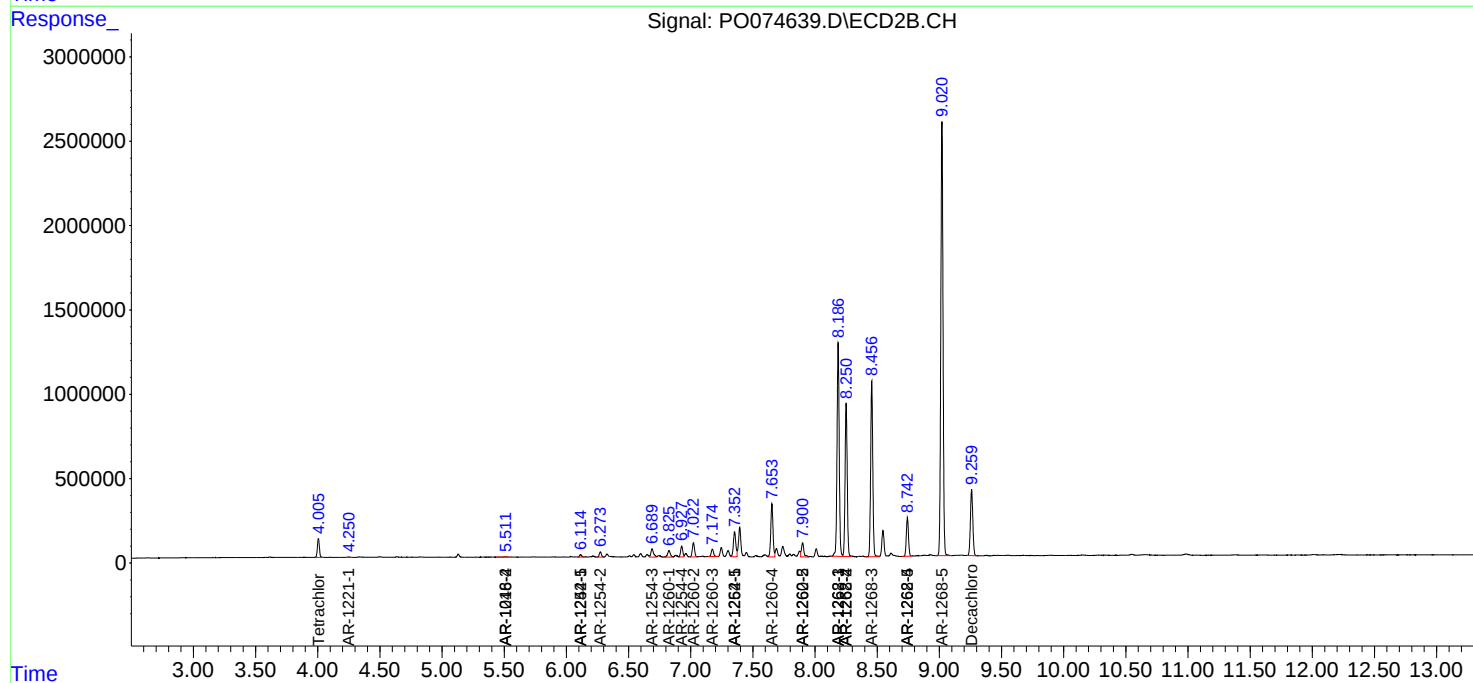
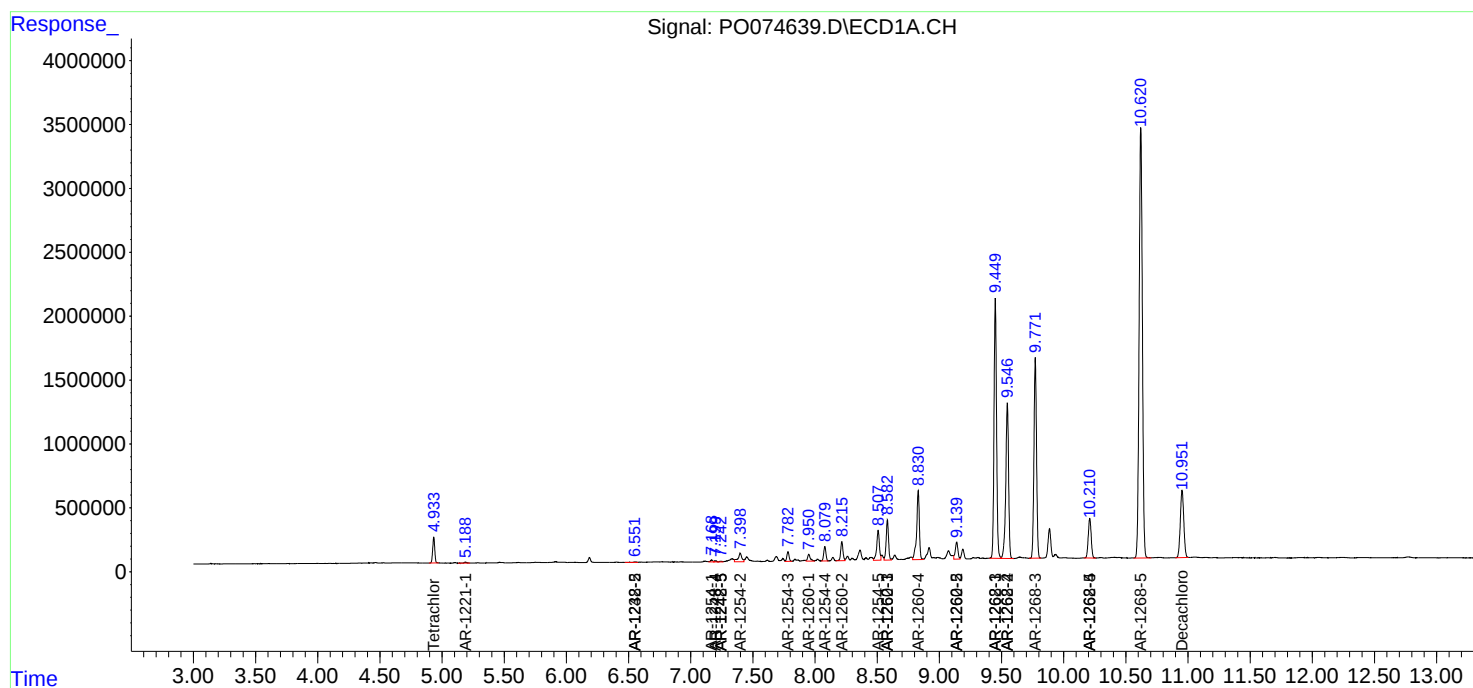
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

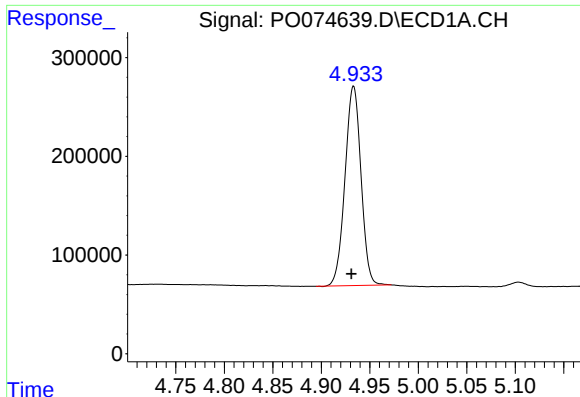
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0011321\  
Data File : P0074639.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 14 Jan 2021 2:53  
Operator : AJ/MA  
Sample : M1111-02  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 14 03:25:46 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0011121.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jan 12 06:02:45 2021  
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

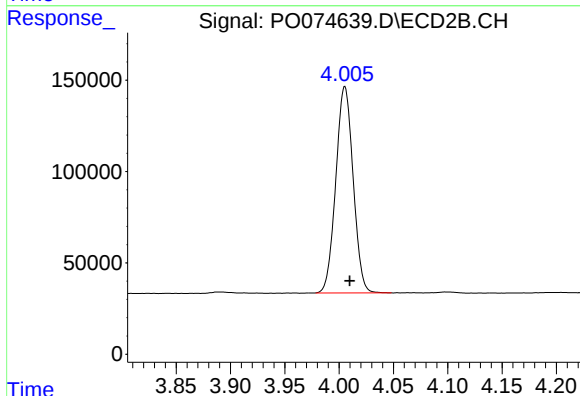




#1 Tetrachloro-m-xylene

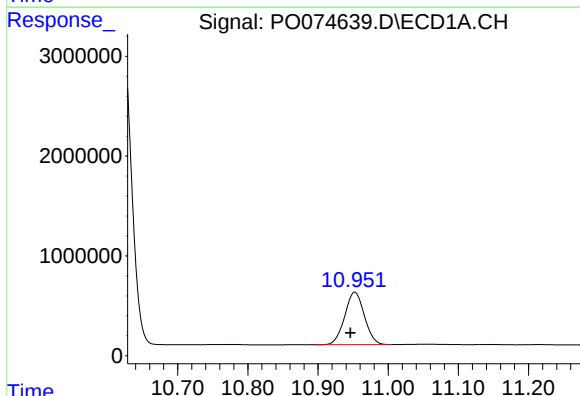
R.T.: 4.933 min  
Delta R.T.: 0.002 min  
Response: 2317649  
Conc: 21.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



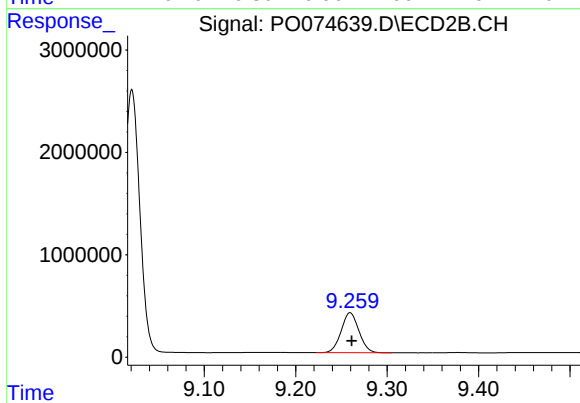
#1 Tetrachloro-m-xylene

R.T.: 4.005 min  
Delta R.T.: -0.004 min  
Response: 1254406  
Conc: 22.30 ng/ml



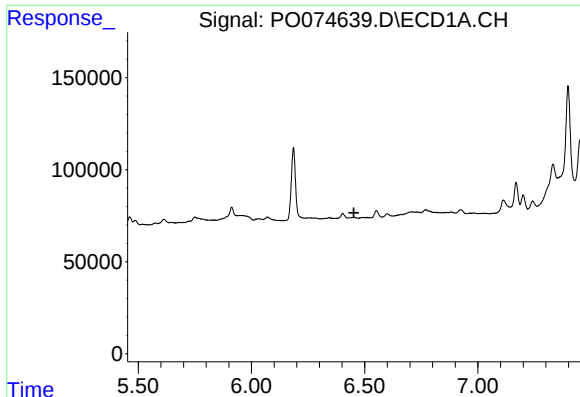
#2 Decachlorobiphenyl

R.T.: 10.952 min  
Delta R.T.: 0.006 min  
Response: 10233653  
Conc: 100.83 ng/ml



#2 Decachlorobiphenyl

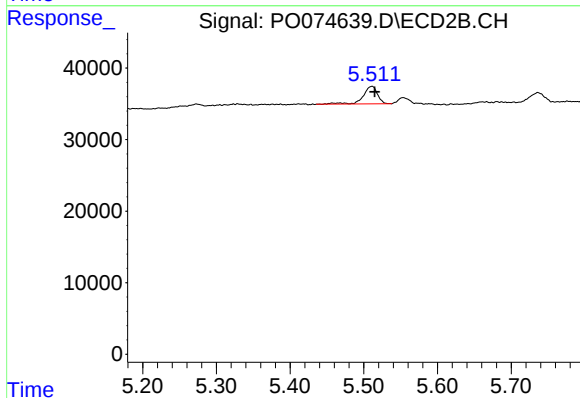
R.T.: 9.260 min  
Delta R.T.: -0.002 min  
Response: 5272767  
Conc: 96.04 ng/ml



#6 AR-1016-4

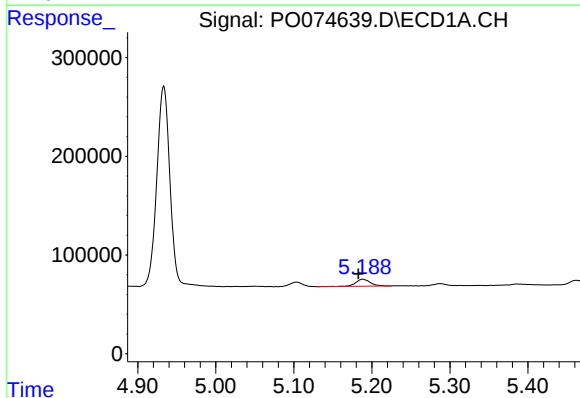
R.T.: 0.000 min  
Exp R.T.: 6.452 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



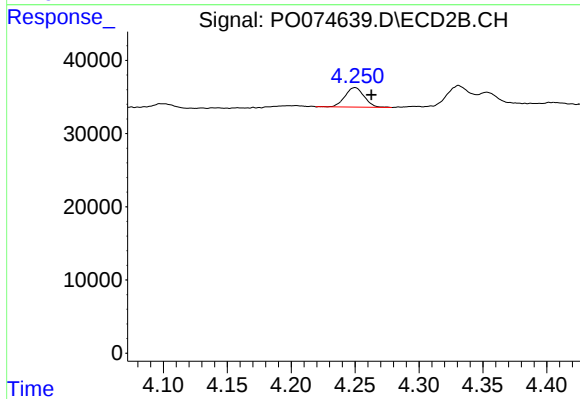
#6 AR-1016-4

R.T.: 5.511 min  
Delta R.T.: -0.004 min  
Response: 33399  
Conc: 23.76 ng/ml



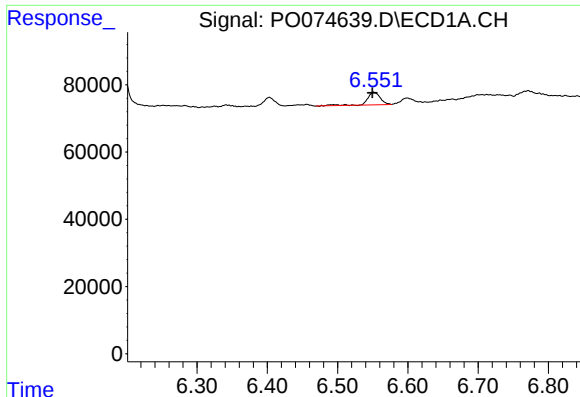
#8 AR-1221-1

R.T.: 5.188 min  
Delta R.T.: 0.005 min  
Response: 92920  
Conc: 75.65 ng/ml



#8 AR-1221-1

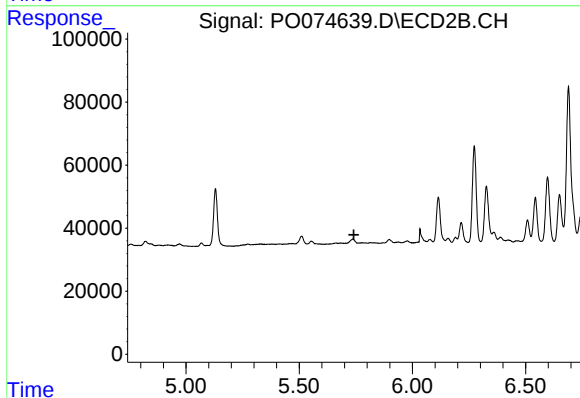
R.T.: 4.250 min  
Delta R.T.: -0.013 min  
Response: 27938  
Conc: 39.32 ng/ml



#15 AR-1232-5

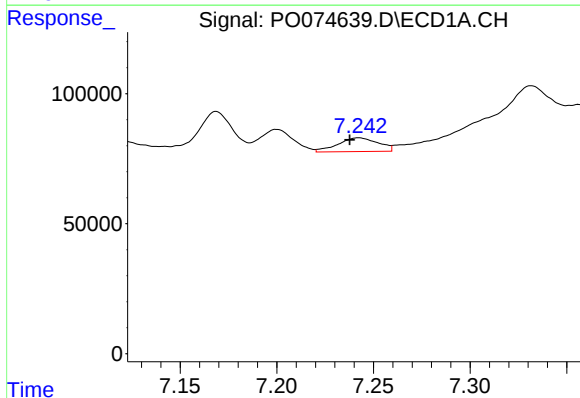
R.T.: 6.552 min  
Delta R.T.: 0.002 min  
Response: 48301  
Conc: 59.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



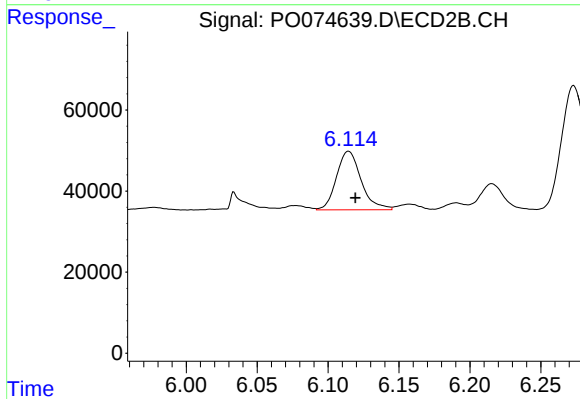
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.741 min  
Response: 0  
Conc: N.D.



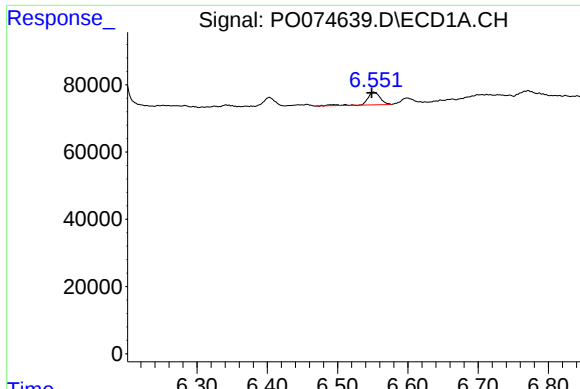
#20 AR-1242-5

R.T.: 7.242 min  
Delta R.T.: 0.005 min  
Response: 77448  
Conc: 30.78 ng/ml



#20 AR-1242-5

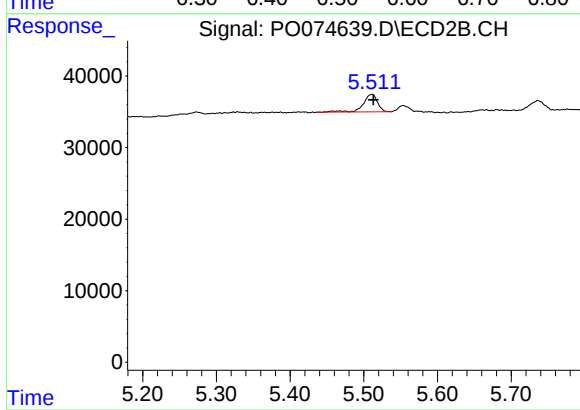
R.T.: 6.114 min  
Delta R.T.: -0.005 min  
Response: 174699  
Conc: 99.78 ng/ml



#22 AR-1248-2

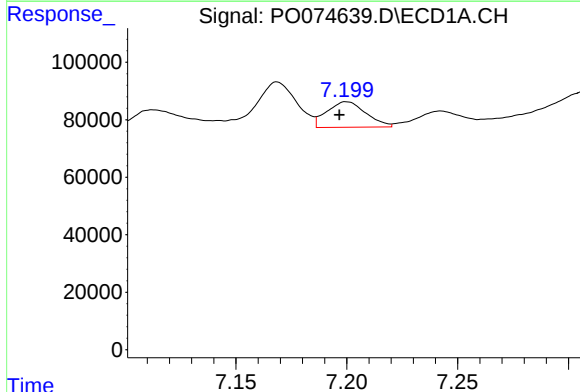
R.T.: 6.552 min  
Delta R.T.: 0.003 min  
Response: 48301  
Conc: 15.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



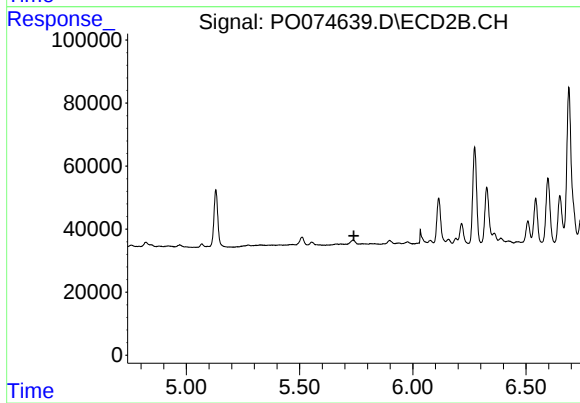
#22 AR-1248-2

R.T.: 5.511 min  
Delta R.T.: -0.002 min  
Response: 33399  
Conc: 17.77 ng/ml



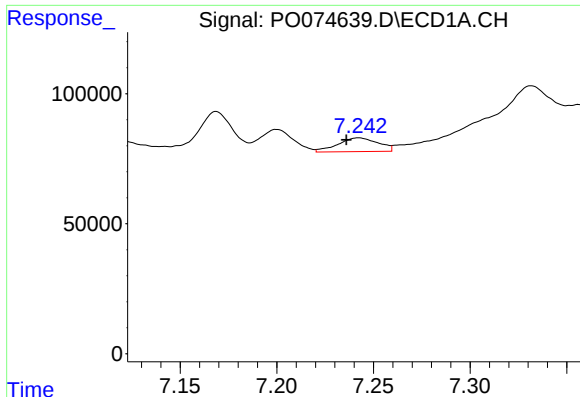
#24 AR-1248-4

R.T.: 7.200 min  
Delta R.T.: 0.003 min  
Response: 109114  
Conc: 24.47 ng/ml



#24 AR-1248-4

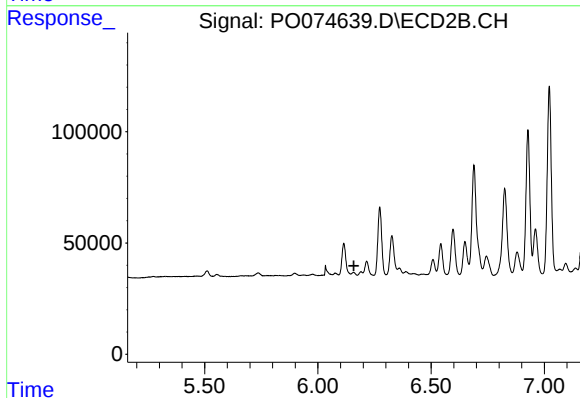
R.T.: 0.000 min  
Exp R.T.: 5.740 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

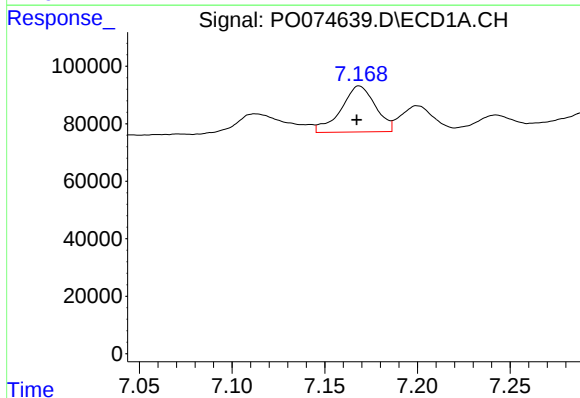
R.T.: 7.242 min  
Delta R.T.: 0.006 min  
Response: 77448  
Conc: 18.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



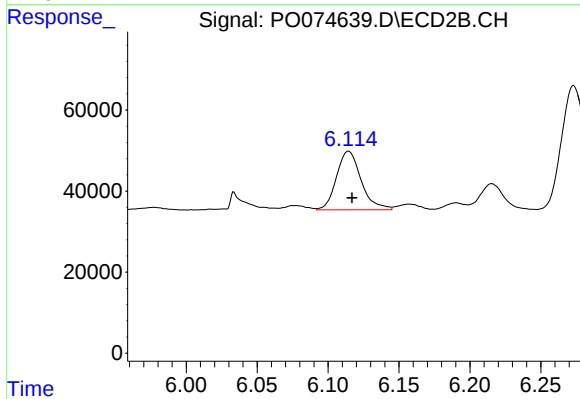
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.159 min  
Response: 0  
Conc: N.D.



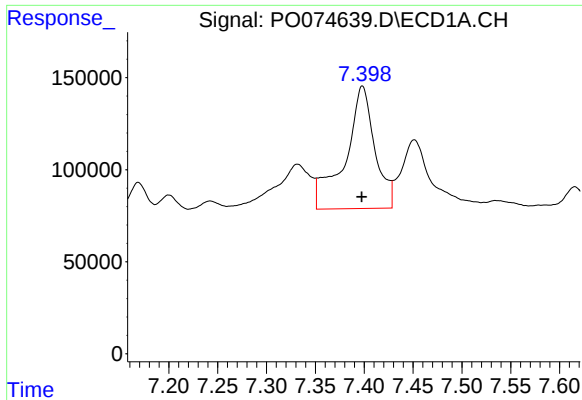
#26 AR-1254-1

R.T.: 7.169 min  
Delta R.T.: 0.001 min  
Response: 207474  
Conc: 47.17 ng/ml



#26 AR-1254-1

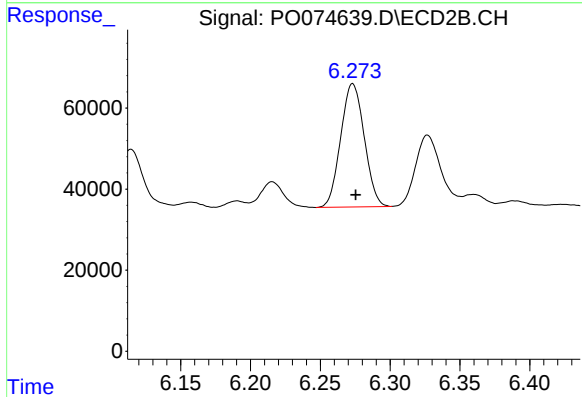
R.T.: 6.114 min  
Delta R.T.: -0.002 min  
Response: 174699  
Conc: 48.37 ng/ml



#27 AR-1254-2

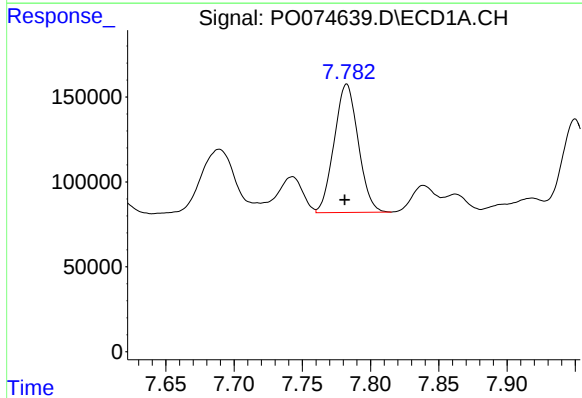
R.T.: 7.398 min  
Delta R.T.: 0.000 min  
Response: 1409597  
Conc: 206.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



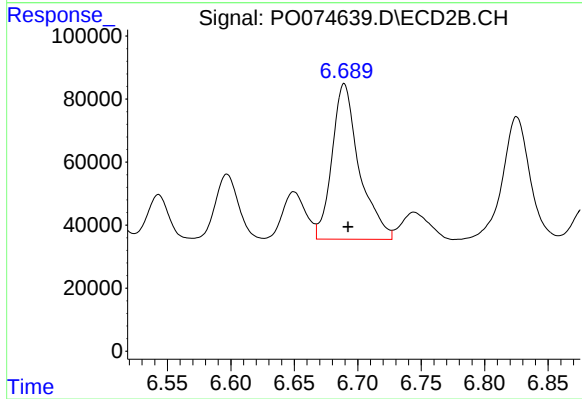
#27 AR-1254-2

R.T.: 6.273 min  
Delta R.T.: -0.002 min  
Response: 357430  
Conc: 114.69 ng/ml



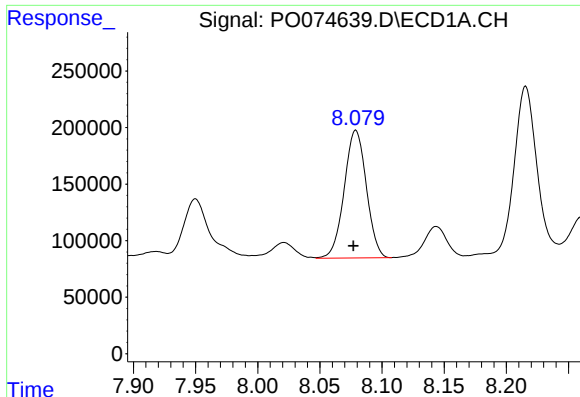
#28 AR-1254-3

R.T.: 7.783 min  
Delta R.T.: 0.002 min  
Response: 927269  
Conc: 132.20 ng/ml



#28 AR-1254-3

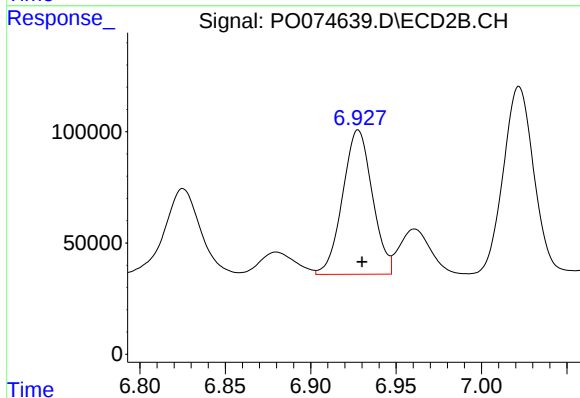
R.T.: 6.689 min  
Delta R.T.: -0.003 min  
Response: 737014  
Conc: 150.29 ng/ml



#29 AR-1254-4

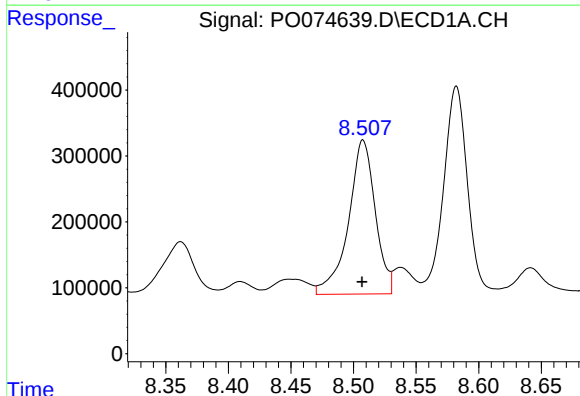
R.T.: 8.079 min  
Delta R.T.: 0.002 min  
Response: 1400173  
Conc: 230.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



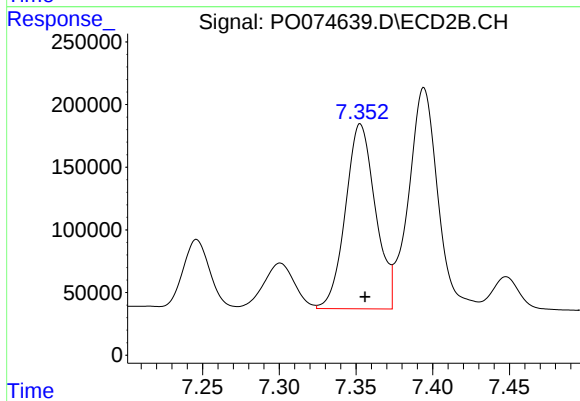
#29 AR-1254-4

R.T.: 6.928 min  
Delta R.T.: -0.002 min  
Response: 785803  
Conc: 226.60 ng/ml



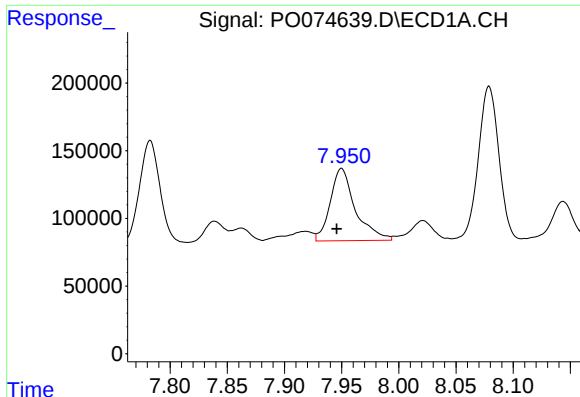
#30 AR-1254-5

R.T.: 8.508 min  
Delta R.T.: 0.000 min  
Response: 3488276  
Conc: 600.50 ng/ml



#30 AR-1254-5

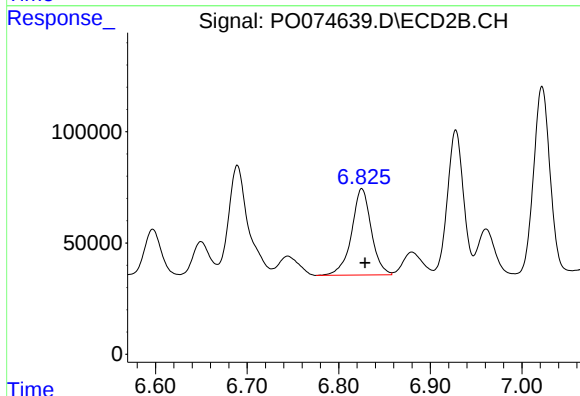
R.T.: 7.353 min  
Delta R.T.: -0.003 min  
Response: 2013113  
Conc: 444.79 ng/ml



#31 AR-1260-1

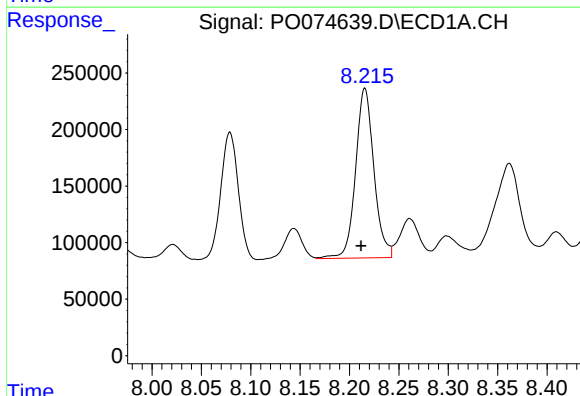
R.T.: 7.950 min  
Delta R.T.: 0.004 min  
Response: 815485  
Conc: 163.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



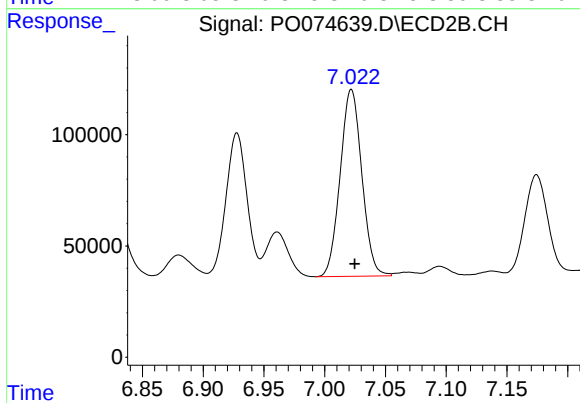
#31 AR-1260-1

R.T.: 6.825 min  
Delta R.T.: -0.004 min  
Response: 580019  
Conc: 181.81 ng/ml



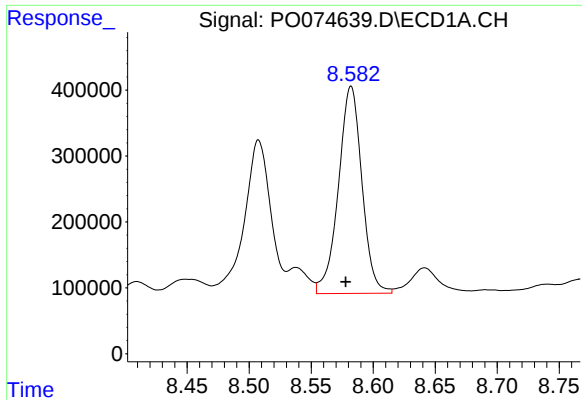
#32 AR-1260-2

R.T.: 8.216 min  
Delta R.T.: 0.004 min  
Response: 1937557  
Conc: 284.85 ng/ml



#32 AR-1260-2

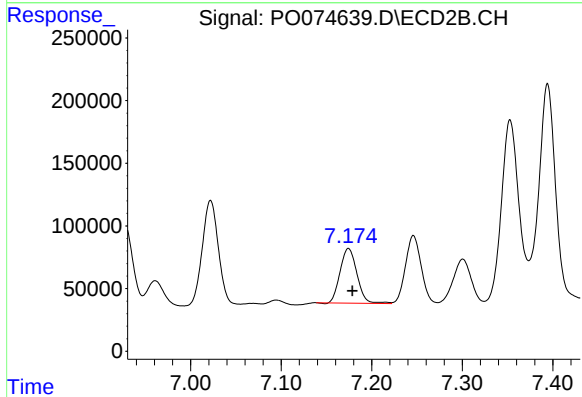
R.T.: 7.022 min  
Delta R.T.: -0.003 min  
Response: 1042185  
Conc: 245.16 ng/ml



#33 AR-1260-3

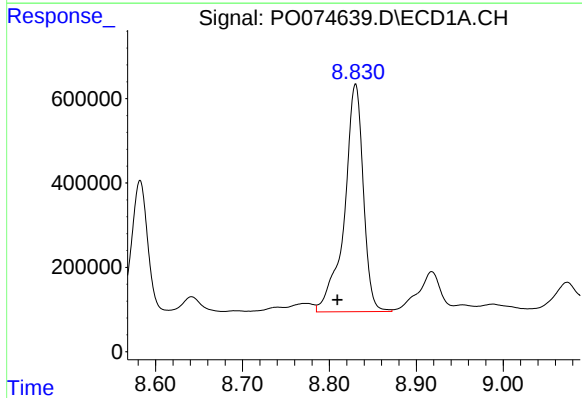
R.T.: 8.582 min  
Delta R.T.: 0.004 min  
Response: 4148090  
Conc: 723.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



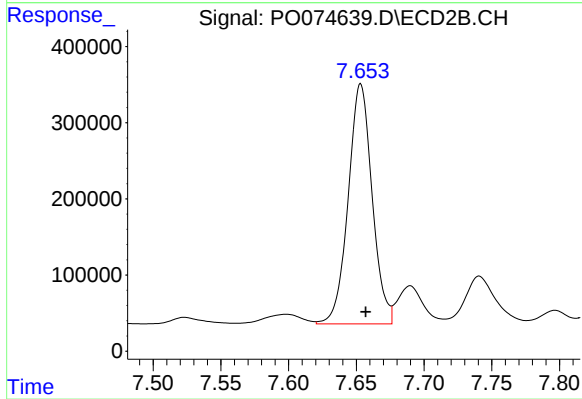
#33 AR-1260-3

R.T.: 7.174 min  
Delta R.T.: -0.004 min  
Response: 563448  
Conc: 156.36 ng/ml



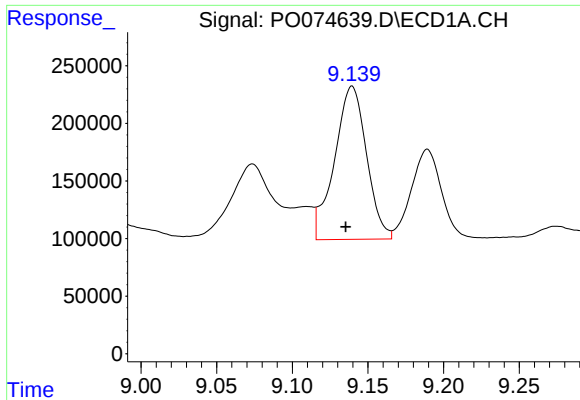
#34 AR-1260-4

R.T.: 8.830 min  
Delta R.T.: 0.021 min  
Response: 8163442  
Conc: 1492.04 ng/ml



#34 AR-1260-4

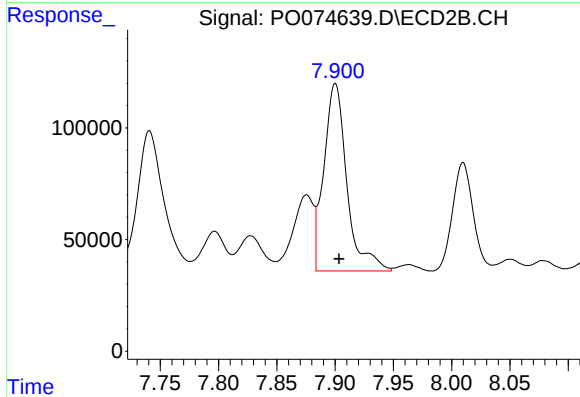
R.T.: 7.653 min  
Delta R.T.: -0.004 min  
Response: 3878024  
Conc: 1238.46 ng/ml



#35 AR-1260-5

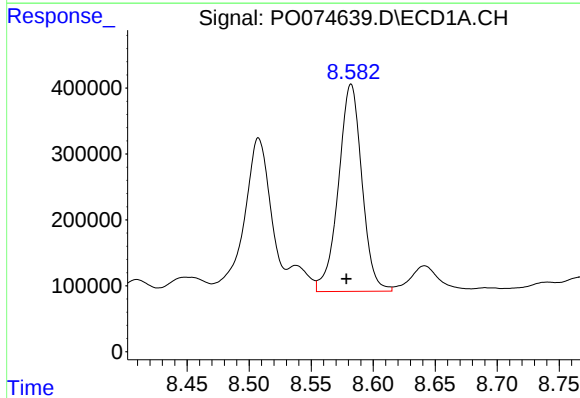
R.T.: 9.140 min  
Delta R.T.: 0.004 min  
Response: 1958421  
Conc: 156.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



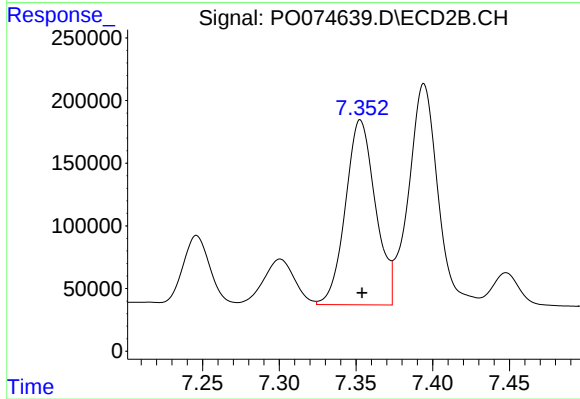
#35 AR-1260-5

R.T.: 7.900 min  
Delta R.T.: -0.003 min  
Response: 1160316  
Conc: 145.98 ng/ml



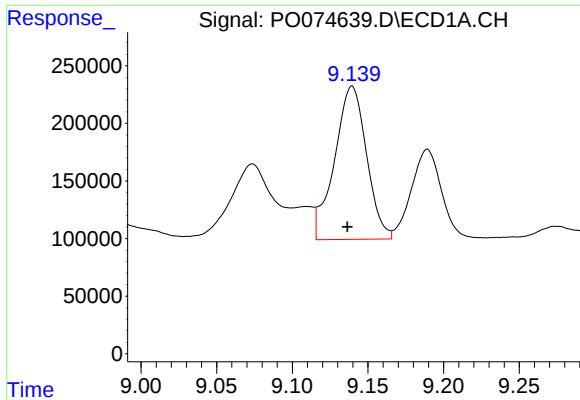
#36 AR-1262-1

R.T.: 8.582 min  
Delta R.T.: 0.004 min  
Response: 4148090  
Conc: 465.86 ng/ml



#36 AR-1262-1

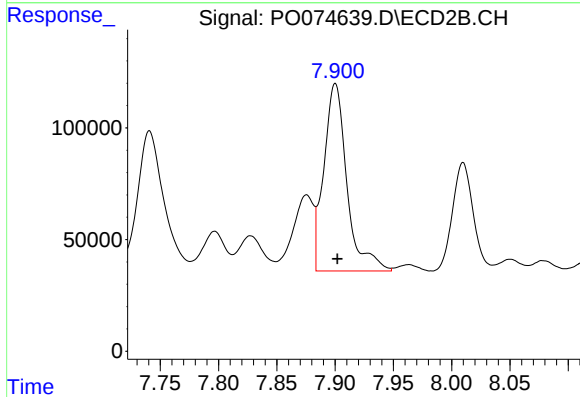
R.T.: 7.353 min  
Delta R.T.: -0.001 min  
Response: 2013113  
Conc: 791.14 ng/ml



#37 AR-1262-2

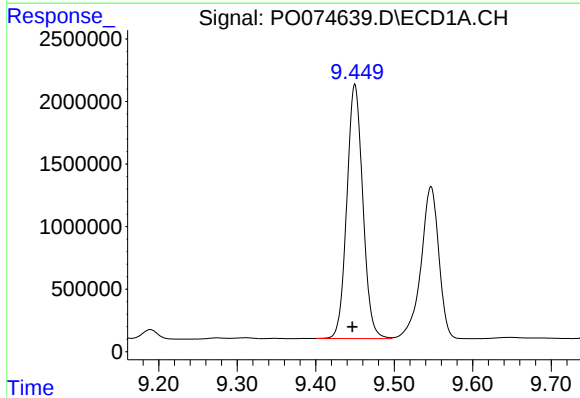
R.T.: 9.140 min  
Delta R.T.: 0.003 min  
Response: 1958421  
Conc: 127.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



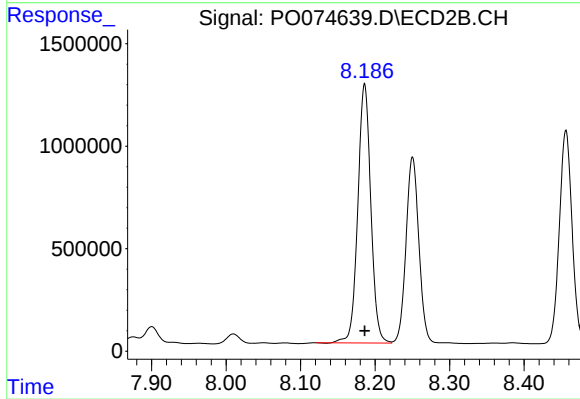
#37 AR-1262-2

R.T.: 7.900 min  
Delta R.T.: -0.002 min  
Response: 1160316  
Conc: 126.20 ng/ml



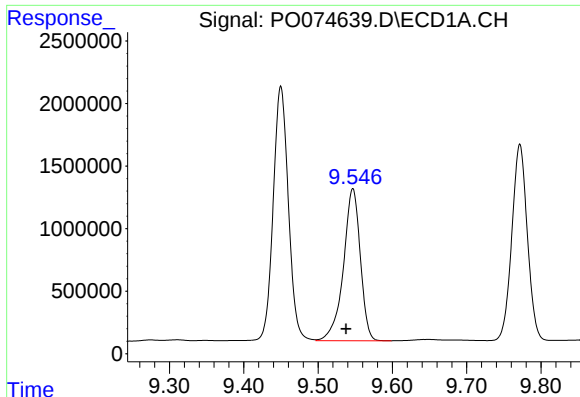
#38 AR-1262-3

R.T.: 9.450 min  
Delta R.T.: 0.003 min  
Response: 28745542  
Conc: 2870.02 ng/ml



#38 AR-1262-3

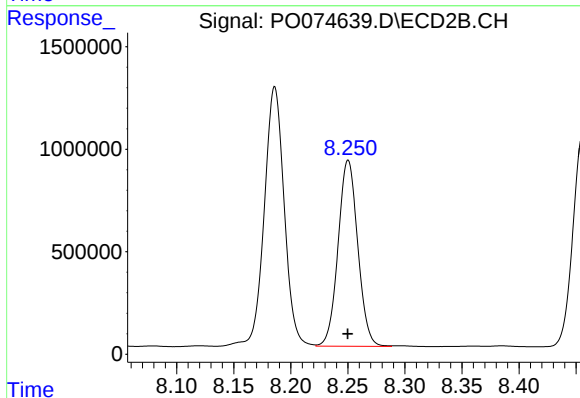
R.T.: 8.186 min  
Delta R.T.: 0.000 min  
Response: 15326746  
Conc: 3875.95 ng/ml



#39 AR-1262-4

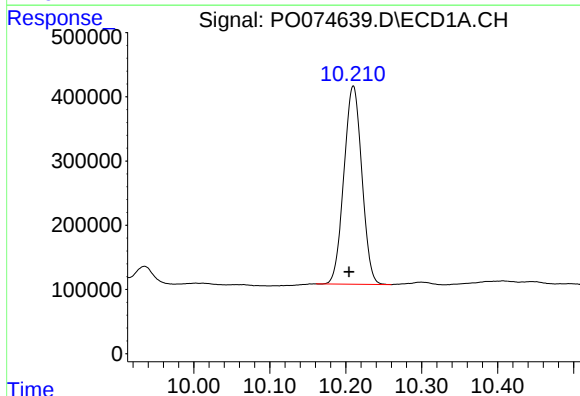
R.T.: 9.547 min  
Delta R.T.: 0.009 min  
Response: 19201106  
Conc: 2578.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



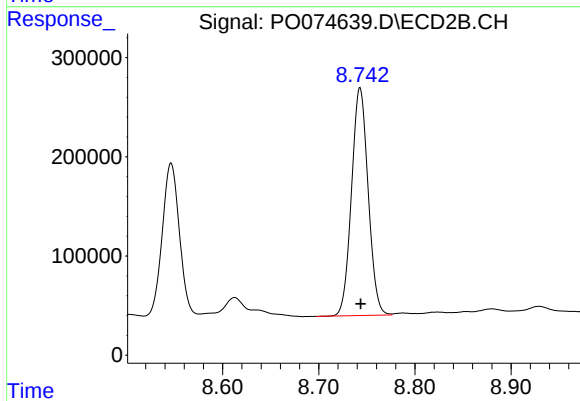
#39 AR-1262-4

R.T.: 8.250 min  
Delta R.T.: 0.000 min  
Response: 10893437  
Conc: 1644.24 ng/ml



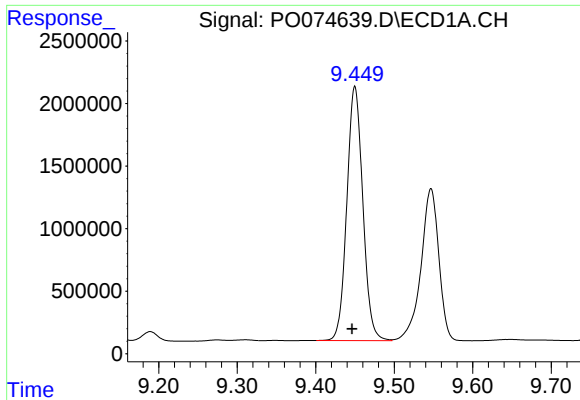
#40 AR-1262-5

R.T.: 10.210 min  
Delta R.T.: 0.006 min  
Response: 5062980  
Conc: 967.77 ng/ml



#40 AR-1262-5

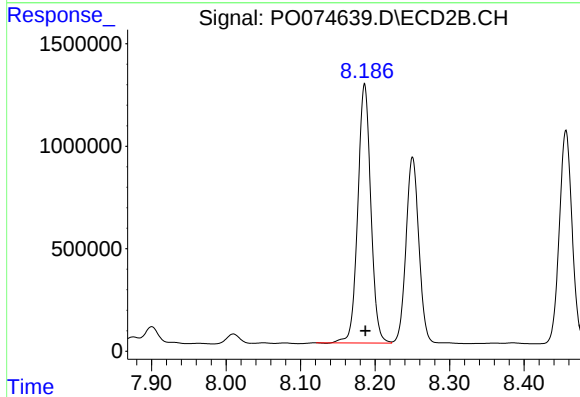
R.T.: 8.743 min  
Delta R.T.: 0.000 min  
Response: 2765408  
Conc: 895.70 ng/ml



#41 AR-1268-1

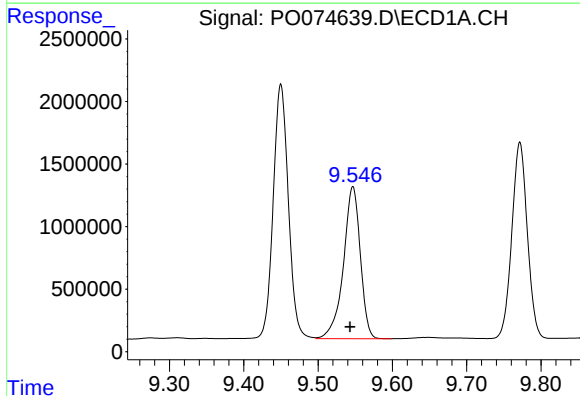
R.T.: 9.450 min  
Delta R.T.: 0.003 min  
Response: 28745542  
Conc: 1538.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



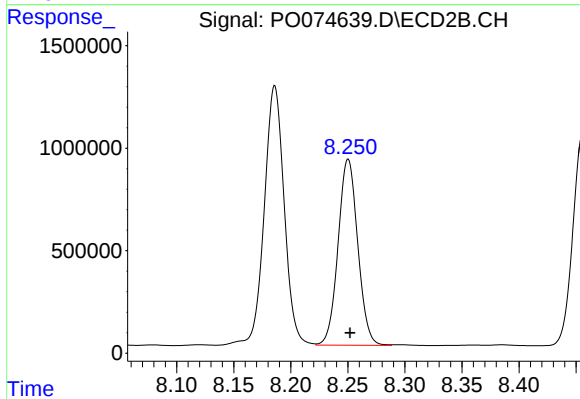
#41 AR-1268-1

R.T.: 8.186 min  
Delta R.T.: 0.000 min  
Response: 15326746  
Conc: 1369.10 ng/ml



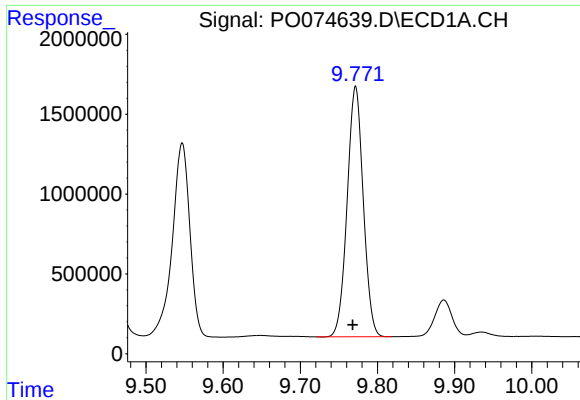
#42 AR-1268-2

R.T.: 9.547 min  
Delta R.T.: 0.004 min  
Response: 19201106  
Conc: 1203.46 ng/ml



#42 AR-1268-2

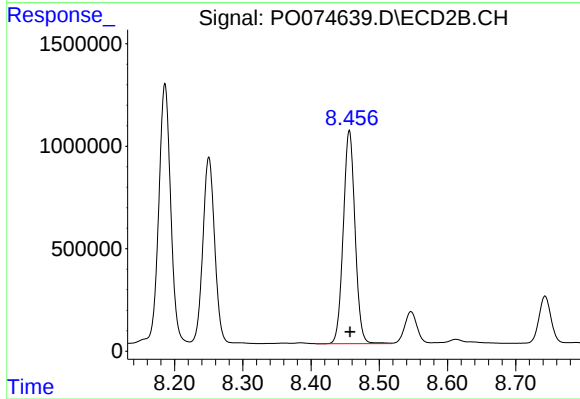
R.T.: 8.250 min  
Delta R.T.: -0.002 min  
Response: 10893437  
Conc: 1138.62 ng/ml



#43 AR-1268-3

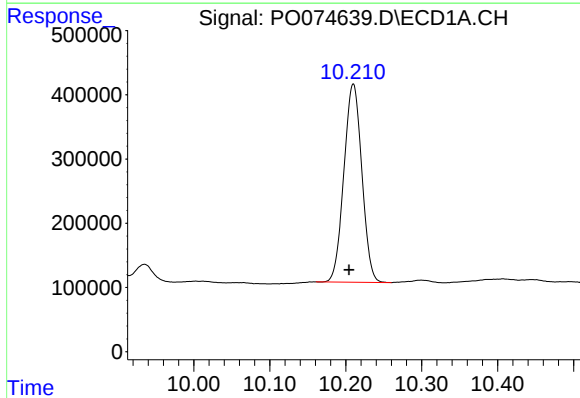
R.T.: 9.772 min  
Delta R.T.: 0.004 min  
Response: 22661220  
Conc: 1595.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



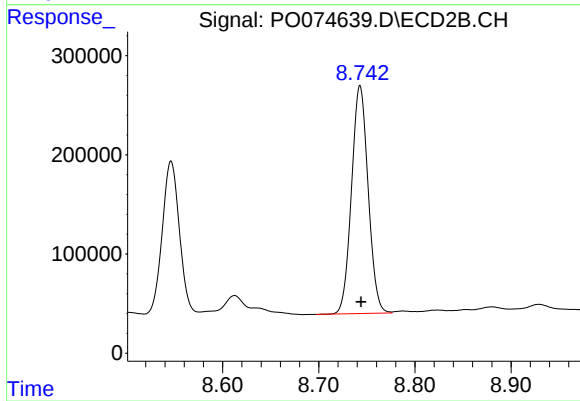
#43 AR-1268-3

R.T.: 8.456 min  
Delta R.T.: -0.001 min  
Response: 12425834  
Conc: 1495.49 ng/ml



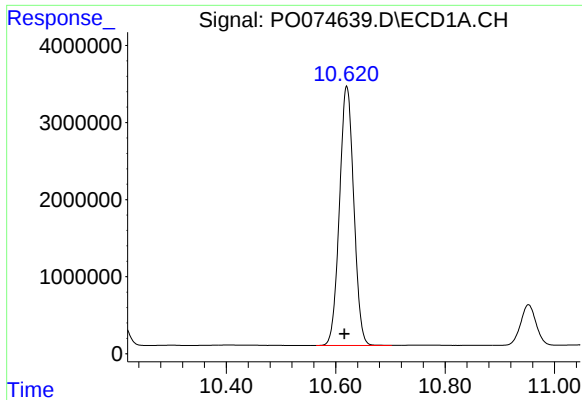
#44 AR-1268-4

R.T.: 10.210 min  
Delta R.T.: 0.006 min  
Response: 5062980  
Conc: 864.21 ng/ml



#44 AR-1268-4

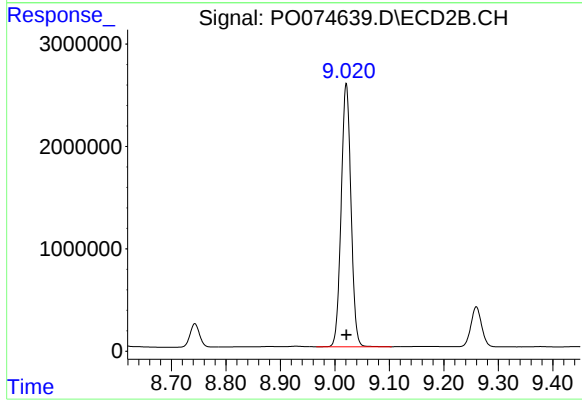
R.T.: 8.743 min  
Delta R.T.: -0.001 min  
Response: 2765408  
Conc: 797.14 ng/ml



#45 AR-1268-5

R.T.: 10.620 min  
Delta R.T.: 0.005 min  
Response: 61019518  
Conc: 1460.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S20-02-D



#45 AR-1268-5

R.T.: 9.021 min  
Delta R.T.: 0.000 min  
Response: 32025703  
Conc: 1352.50 ng/ml