

Data Path : P:\HPCHEM1\ECD\_0\Data\P0031018\  
 Data File : P0042899.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 09 Mar 2018 22:11  
 Operator : SM/UA  
 Sample : J1811-12  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 T-12\_030518

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 00:26:38 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0022118.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Feb 26 14:24:10 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...          | 4.088 | 3.339 | 2141395  | 2914079 | 8.644    | 7.886     |
| 2) SA Decachlor...          | 0.000 | 8.115 | 0        | 1767178 | N.D.     | 4.583 #   |
| Target Compounds            |       |       |          |         |          |           |
| 7) L1 AR-1016-5             | 0.000 | 5.131 | 0        | 779953  | N.D.     | 73.787 #  |
| 10) L2 AR-1221-3            | 4.549 | 3.751 | 3376763  | 4477653 | 729.728  | 715.986   |
| 11) L3 AR-1232-1            | 4.549 | 3.751 | 3376763  | 4477653 | 963.567  | 909.304   |
| 23) L5 AR-1248-3            | 0.000 | 5.131 | 0        | 779953  | N.D.     | 45.987 #  |
| 24) L5 AR-1248-4            | 0.000 | 5.274 | 0        | 738845  | N.D.     | 54.719 #  |
| 25) L5 AR-1248-5            | 0.000 | 5.708 | 0        | 1336315 | N.D.     | 173.424 # |
| 26) L6 AR-1254-1            | 0.000 | 5.131 | 0        | 779953  | N.D.     | 42.169 #  |
| 27) L6 AR-1254-2            | 6.514 | 5.325 | 10950706 | 1019565 | 1259.076 | 61.657 #  |
| 28) L6 AR-1254-3            | 0.000 | 5.708 | 0        | 1336315 | N.D.     | 48.572 #  |
| 29) L6 AR-1254-4            | 0.000 | 5.917 | 0        | 1071323 | N.D.     | 54.980 #  |
| 30) L6 AR-1254-5            | 0.000 | 6.235 | 0        | 723221  | N.D.     | 54.601 #  |
| 31) L7 AR-1260-1            | 0.000 | 5.786 | 0        | 2766658 | N.D.     | 114.598 # |
| 32) L7 AR-1260-2            | 7.021 | 5.973 | 1425275  | 2746245 | 77.919   | 81.753    |
| 33) L7 AR-1260-3            | 7.297 | 6.116 | 1960714  | 1913816 | 94.363   | 67.230 #  |
| 34) L7 AR-1260-4            | 0.000 | 6.322 | 0        | 1818424 | N.D.     | 53.190 #  |
| 35) L7 AR-1260-5            | 7.895 | 6.817 | 1528142  | 3070521 | 45.206   | 45.371    |
| 36) L8 AR-1262-1            | 0.000 | 6.046 | 0        | 474951  | N.D.     | 21.384 #  |
| 37) L8 AR-1262-2            | 7.021 | 6.188 | 1425275  | 751494  | 122.417  | 37.368 #  |
| 38) L8 AR-1262-3            | 7.297 | 6.378 | 1960714  | 816900  | 170.399  | 22.040 #  |
| 39) L8 AR-1262-4            | 0.000 | 6.613 | 0        | 503183  | N.D.     | 18.168 #  |
| 40) L8 AR-1262-5            | 7.895 | 6.817 | 1528142  | 3070521 | 47.470   | 48.463    |
| 41) L9 AR-1268-1            | 0.000 | 7.153 | 0        | 1959365 | N.D.     | 26.735 #  |
| 42) L9 AR-1268-2            | 0.000 | 7.209 | 0        | 683737  | N.D.     | 10.575 #  |
| 44) L9 AR-1268-4            | 0.000 | 7.642 | 0        | 636244  | N.D.     | 28.640 #  |
| -----                       |       |       |          |         |          |           |

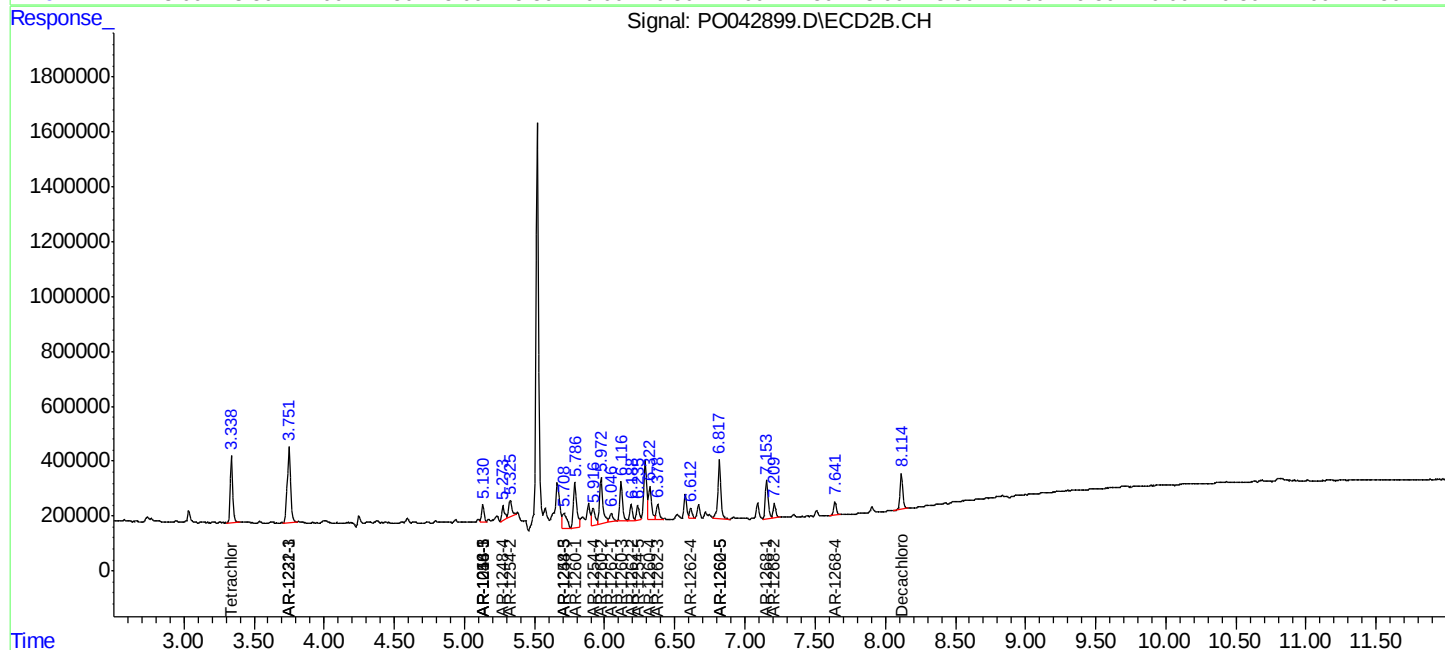
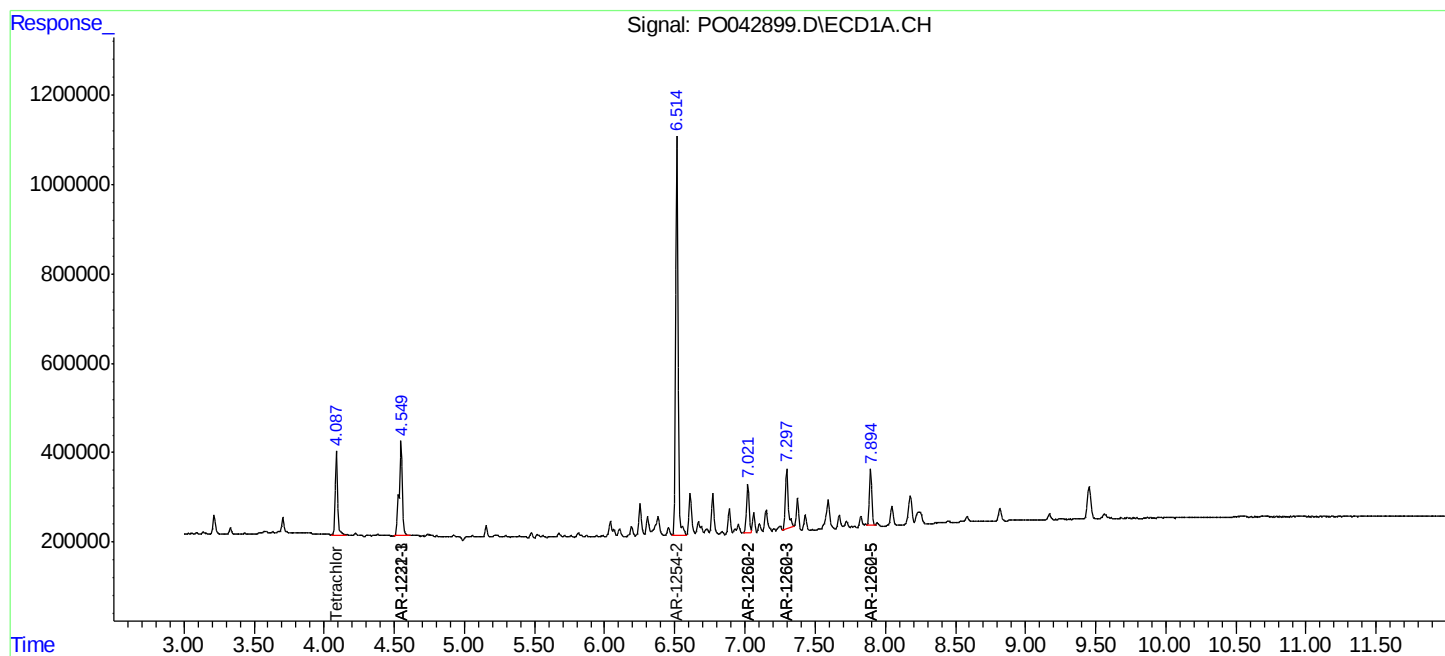
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

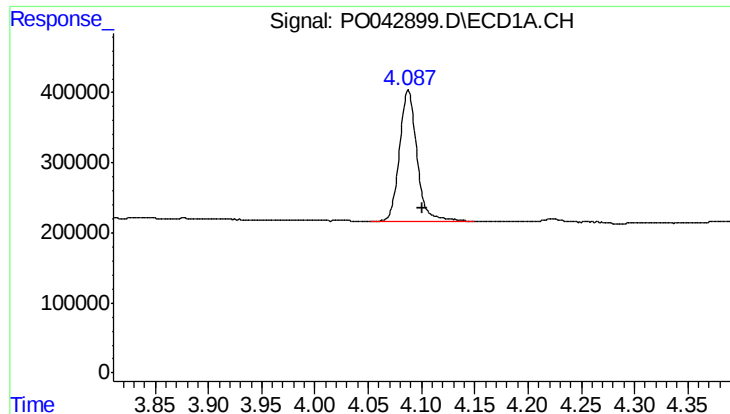
Data Path : P:\HPCHEM1\ECD\_0\Data\PO031018\  
Data File : PO042899.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 09 Mar 2018 22:11  
Operator : SM/UA  
Sample : J1811-12  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 10 00:26:38 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO022118.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Feb 26 14:24:10 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

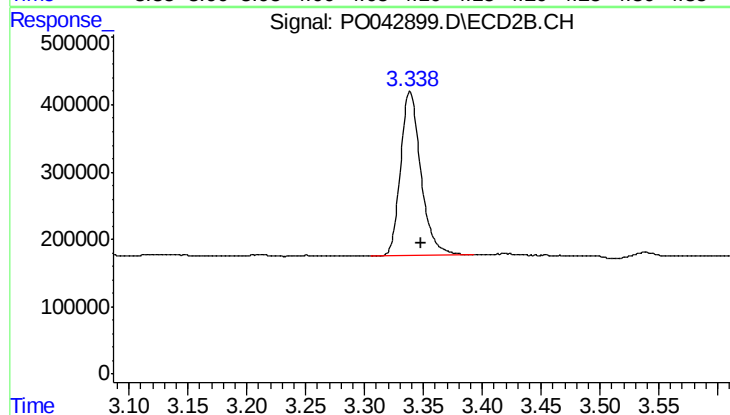




#1 Tetrachloro-m-xylene

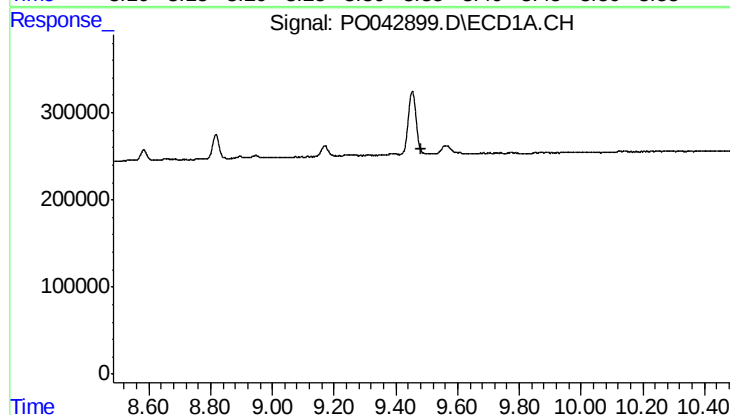
R.T.: 4.088 min  
Delta R.T.: -0.014 min  
Response: 2141395  
Conc: 8.64 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



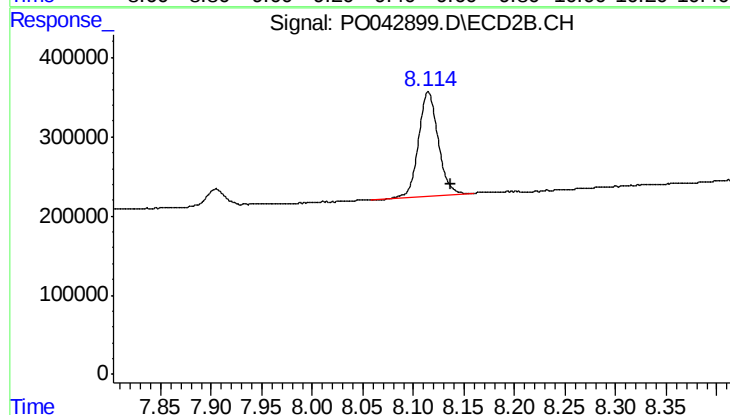
#1 Tetrachloro-m-xylene

R.T.: 3.339 min  
Delta R.T.: -0.009 min  
Response: 2914079  
Conc: 7.89 ng/ml



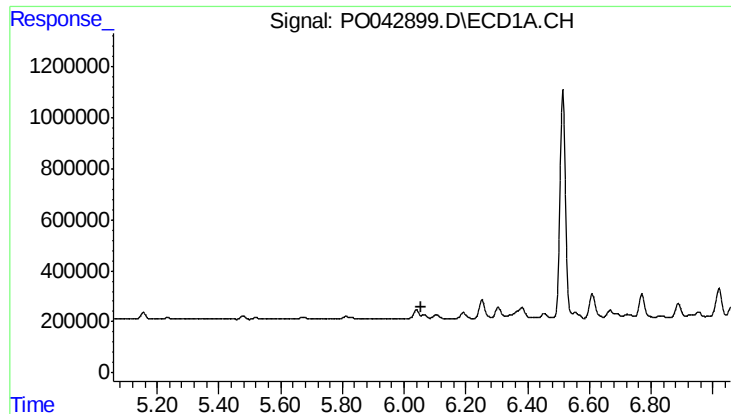
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T.: 9.484 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

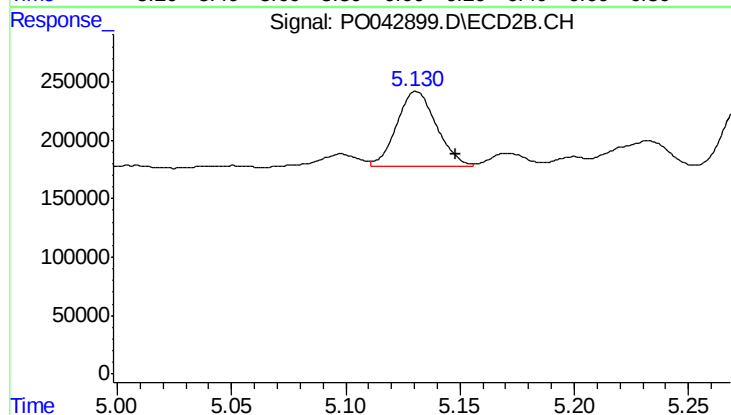
R.T.: 8.115 min  
Delta R.T.: -0.022 min  
Response: 1767178  
Conc: 4.58 ng/ml



#7 AR-1016-5

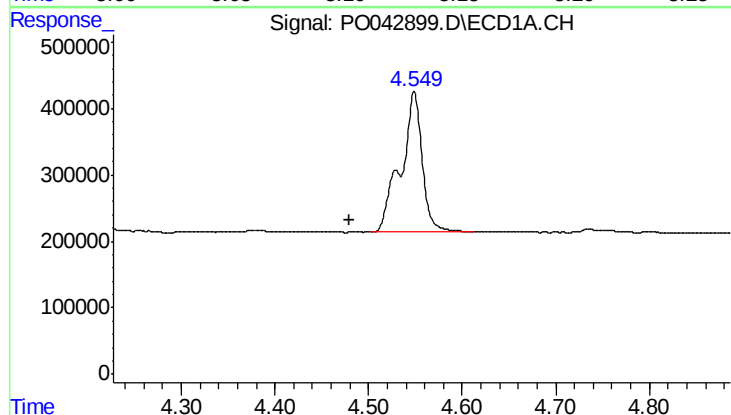
R.T.: 0.000 min  
Exp R.T.: 6.058 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



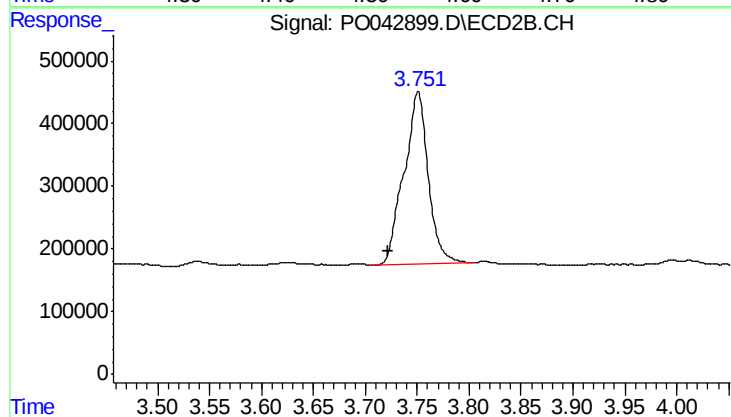
#7 AR-1016-5

R.T.: 5.131 min  
Delta R.T.: -0.017 min  
Response: 779953  
Conc: 73.79 ng/ml



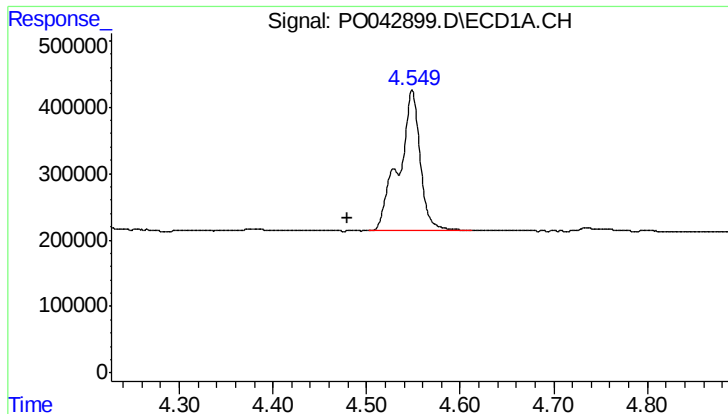
#10 AR-1221-3

R.T.: 4.549 min  
Delta R.T.: 0.070 min  
Response: 3376763  
Conc: 729.73 ng/ml



#10 AR-1221-3

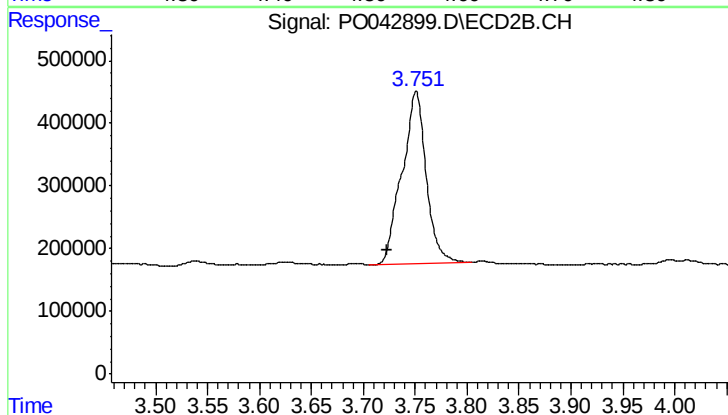
R.T.: 3.751 min  
Delta R.T.: 0.029 min  
Response: 4477653  
Conc: 715.99 ng/ml



#11 AR-1232-1

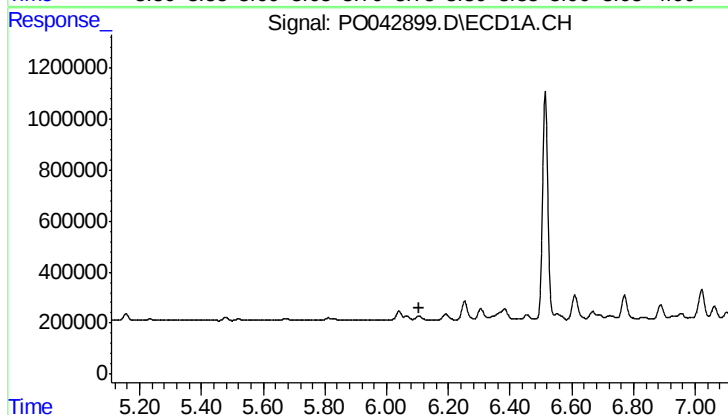
R.T.: 4.549 min  
Delta R.T.: 0.068 min  
Response: 3376763  
Conc: 963.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



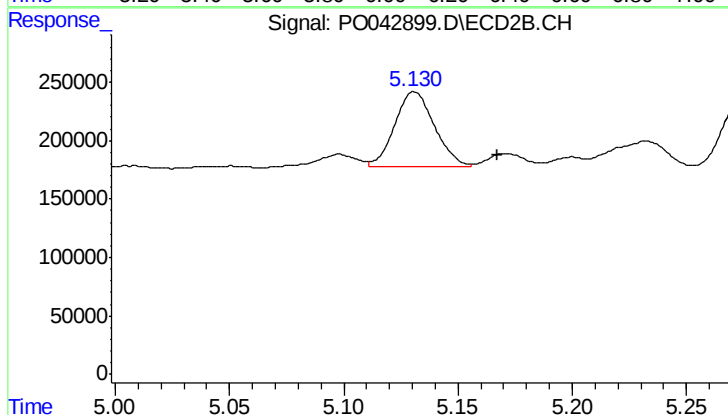
#11 AR-1232-1

R.T.: 3.751 min  
Delta R.T.: 0.027 min  
Response: 4477653  
Conc: 909.30 ng/ml



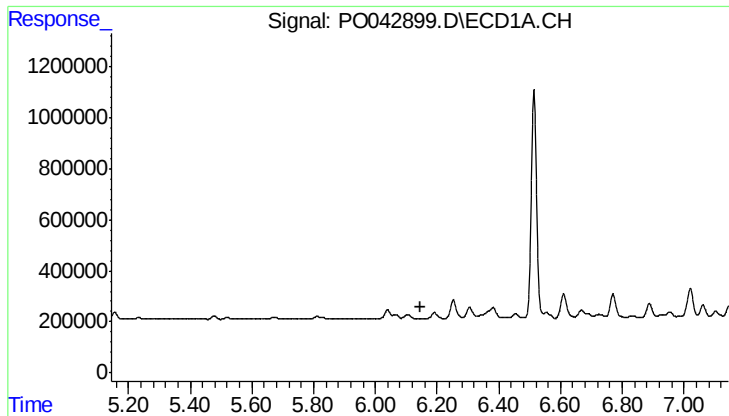
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.108 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

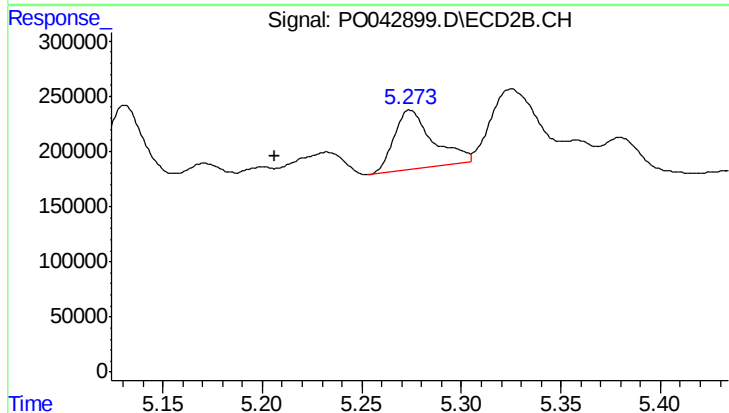
R.T.: 5.131 min  
Delta R.T.: -0.037 min  
Response: 779953  
Conc: 45.99 ng/ml



#24 AR-1248-4

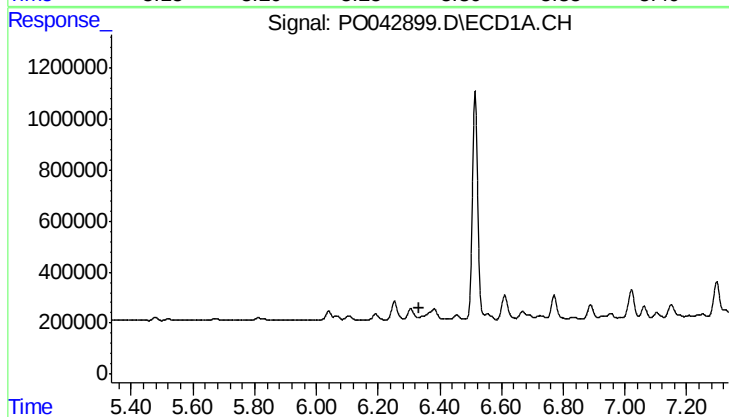
R.T.: 0.000 min  
Exp R.T.: 6.145 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



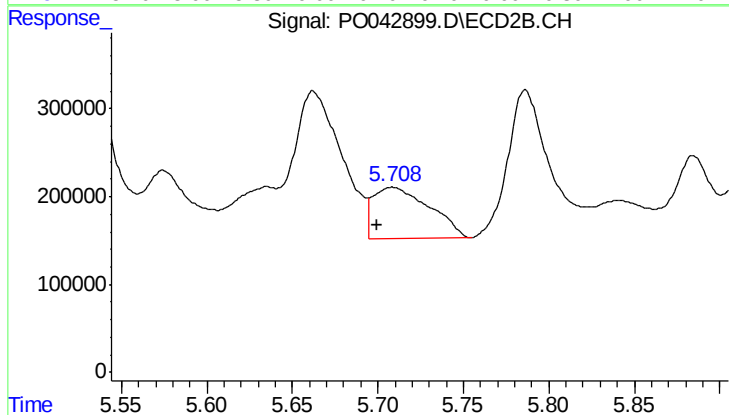
#24 AR-1248-4

R.T.: 5.274 min  
Delta R.T.: 0.068 min  
Response: 738845  
Conc: 54.72 ng/ml



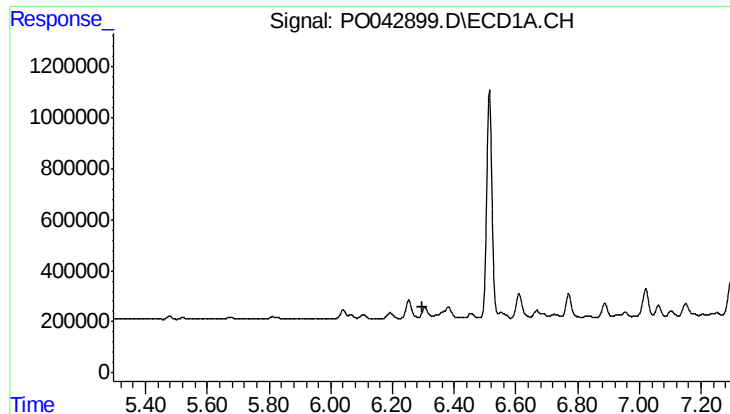
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.335 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

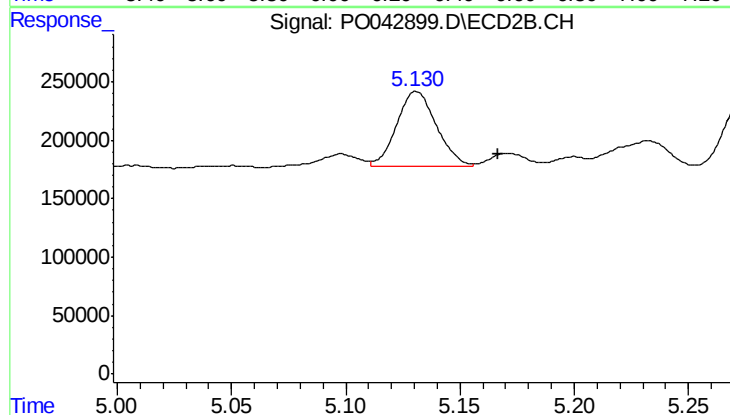
R.T.: 5.708 min  
Delta R.T.: 0.008 min  
Response: 1336315  
Conc: 173.42 ng/ml



#26 AR-1254-1

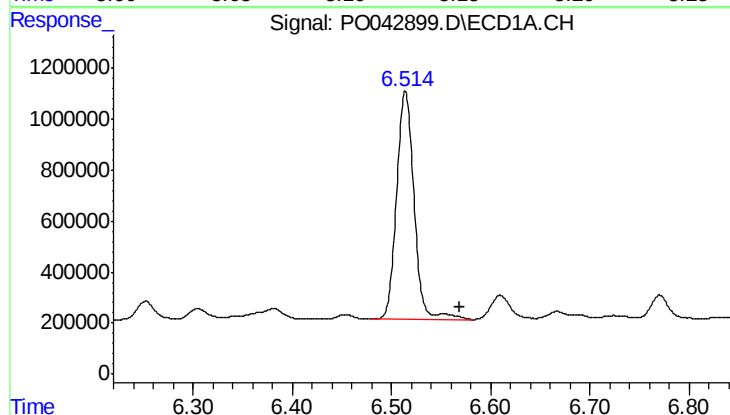
R.T.: 0.000 min  
Exp R.T.: 6.296 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



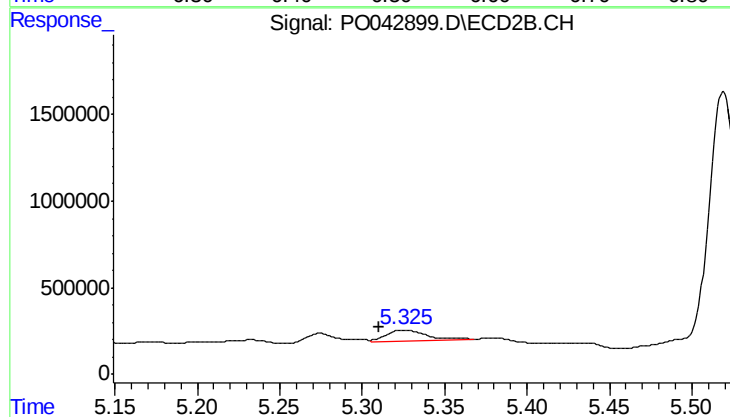
#26 AR-1254-1

R.T.: 5.131 min  
Delta R.T.: -0.036 min  
Response: 779953  
Conc: 42.17 ng/ml



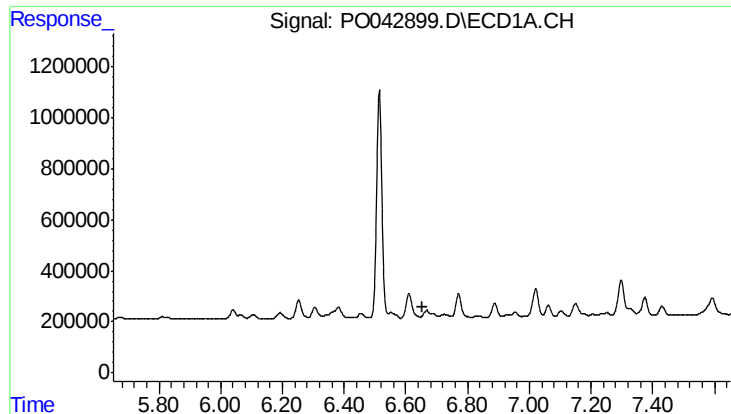
#27 AR-1254-2

R.T.: 6.514 min  
Delta R.T.: -0.054 min  
Response: 10950706  
Conc: 1259.08 ng/ml



#27 AR-1254-2

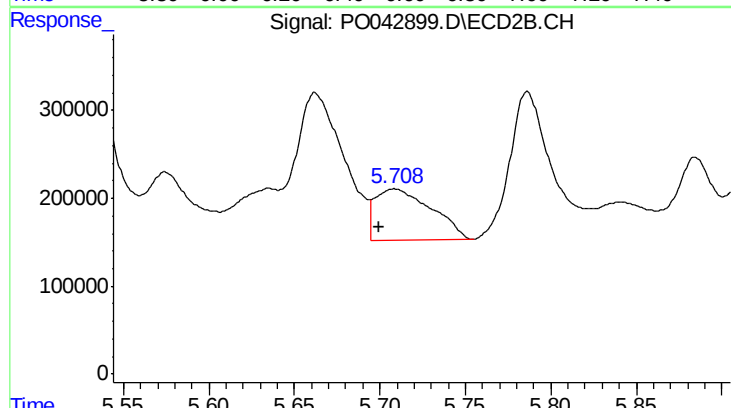
R.T.: 5.325 min  
Delta R.T.: 0.015 min  
Response: 1019565  
Conc: 61.66 ng/ml



#28 AR-1254-3

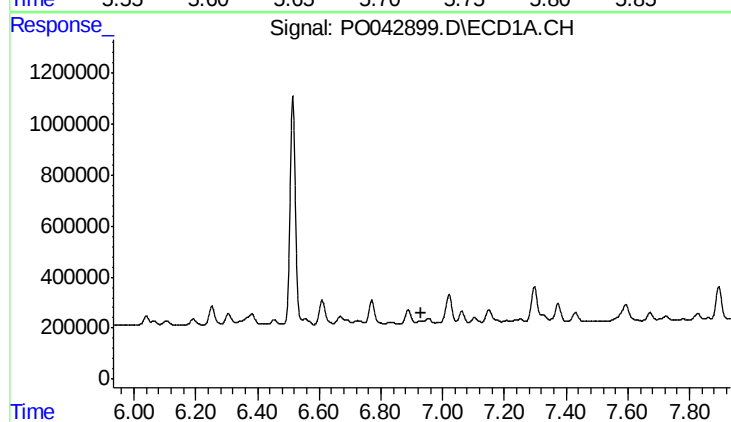
R.T.: 0.000 min  
Exp R.T.: 6.652 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



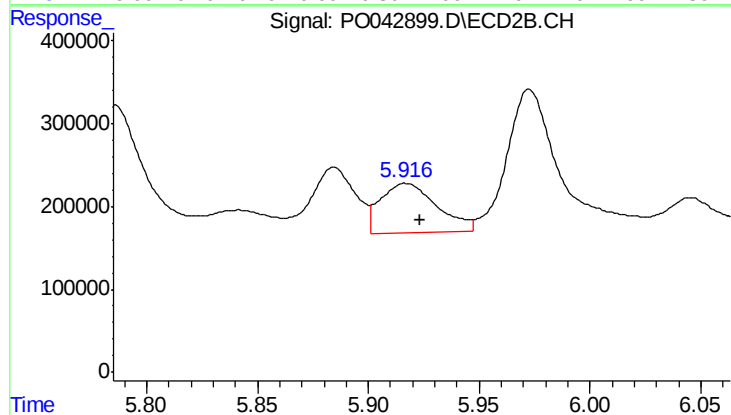
#28 AR-1254-3

R.T.: 5.708 min  
Delta R.T.: 0.009 min  
Response: 1336315  
Conc: 48.57 ng/ml



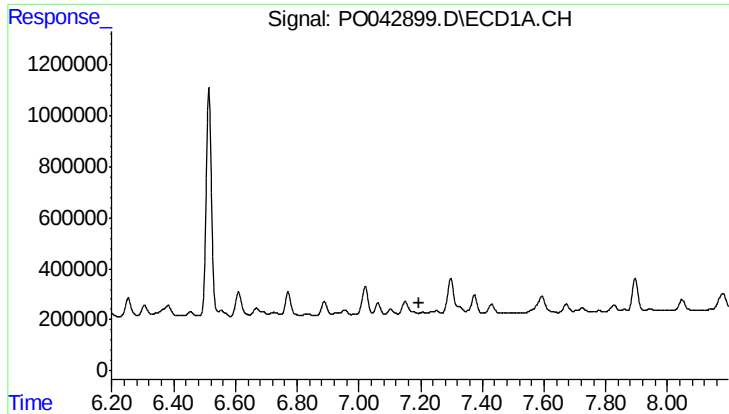
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 6.933 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

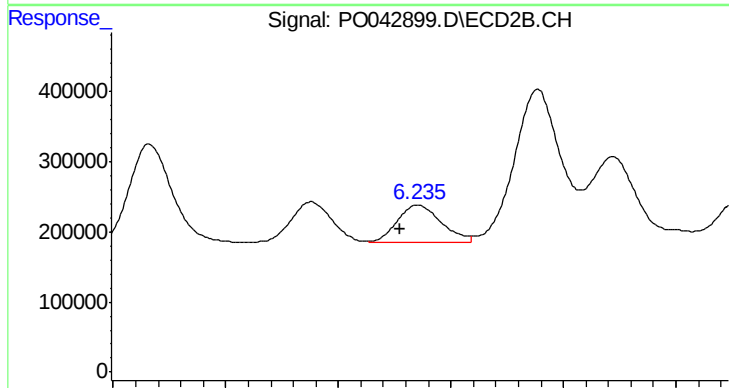
R.T.: 5.917 min  
Delta R.T.: -0.006 min  
Response: 1071323  
Conc: 54.98 ng/ml



#30 AR-1254-5

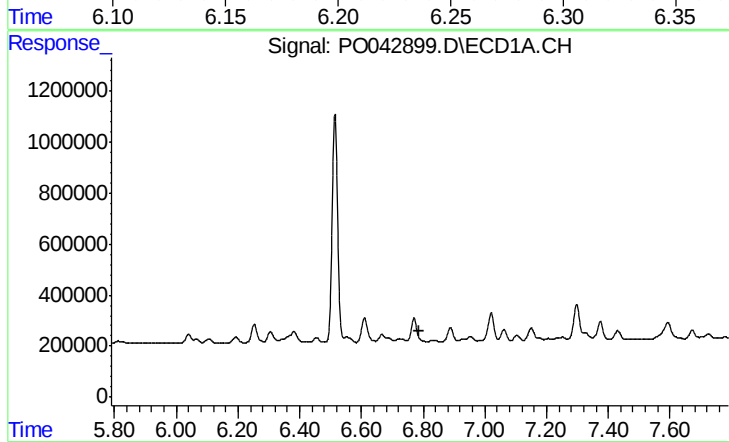
R.T.: 0.000 min  
Exp R.T.: 7.198 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



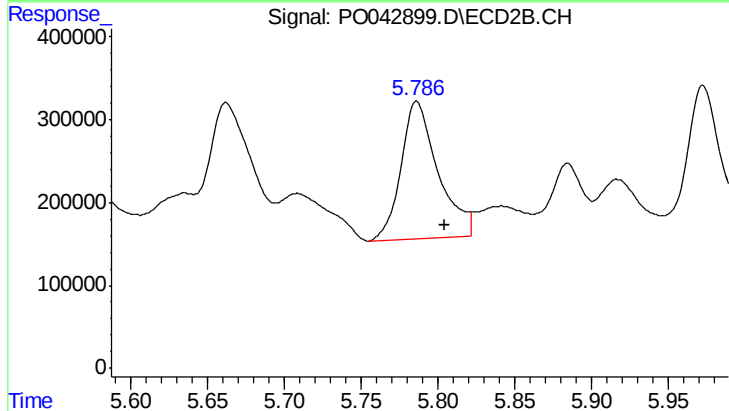
#30 AR-1254-5

R.T.: 6.235 min  
Delta R.T.: 0.008 min  
Response: 723221  
Conc: 54.60 ng/ml



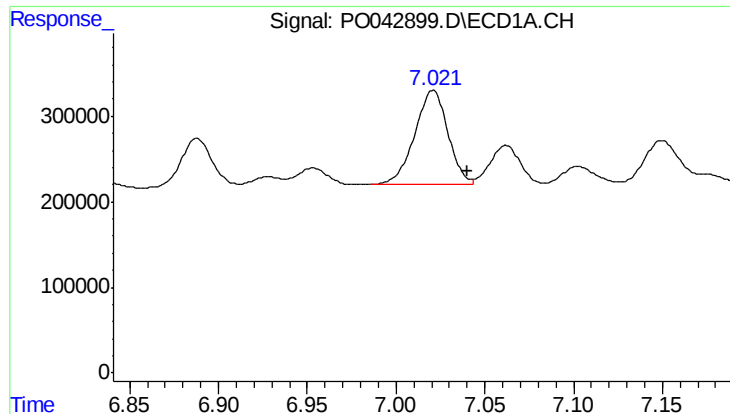
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 6.789 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

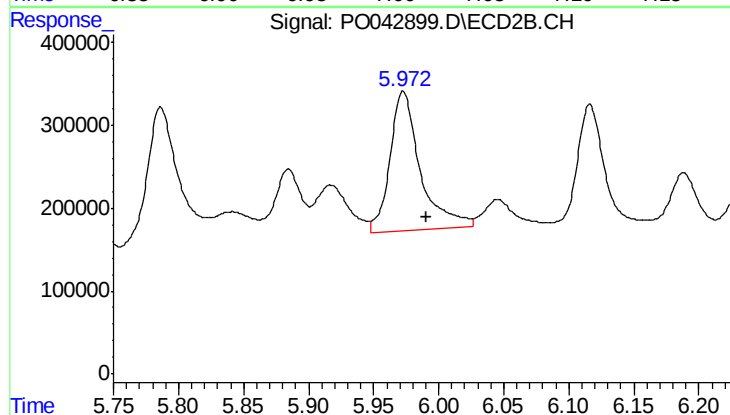
R.T.: 5.786 min  
Delta R.T.: -0.018 min  
Response: 2766658  
Conc: 114.60 ng/ml



#32 AR-1260-2

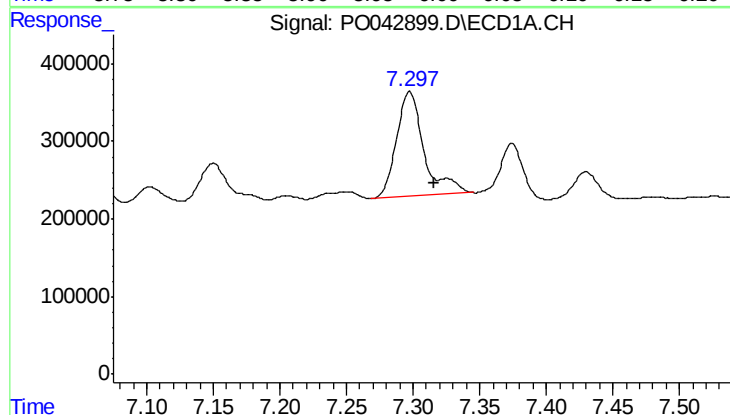
R.T.: 7.021 min  
Delta R.T.: -0.019 min  
Response: 1425275  
Conc: 77.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



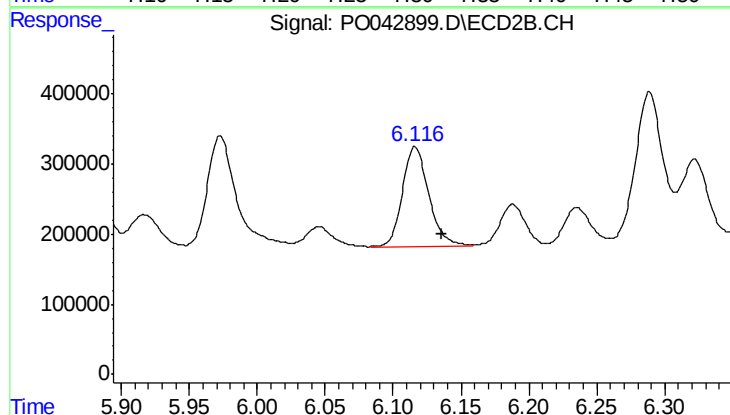
#32 AR-1260-2

R.T.: 5.973 min  
Delta R.T.: -0.018 min  
Response: 2746245  
Conc: 81.75 ng/ml



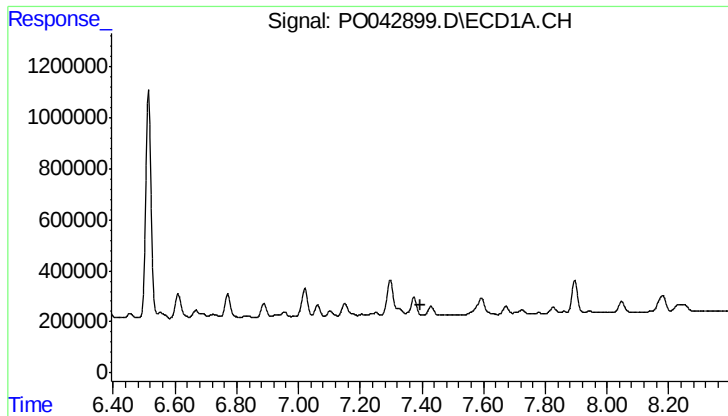
#33 AR-1260-3

R.T.: 7.297 min  
Delta R.T.: -0.018 min  
Response: 1960714  
Conc: 94.36 ng/ml



#33 AR-1260-3

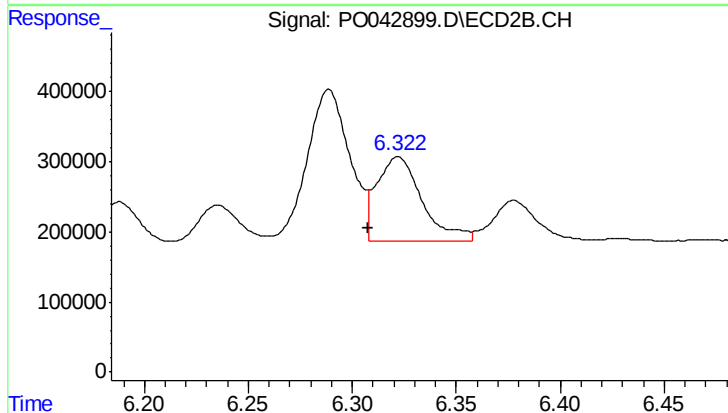
R.T.: 6.116 min  
Delta R.T.: -0.019 min  
Response: 1913816  
Conc: 67.23 ng/ml



#34 AR-1260-4

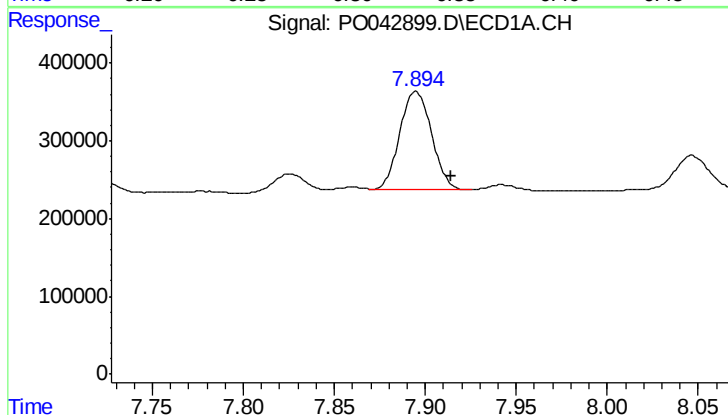
R.T.: 0.000 min  
Exp R.T.: 7.394 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



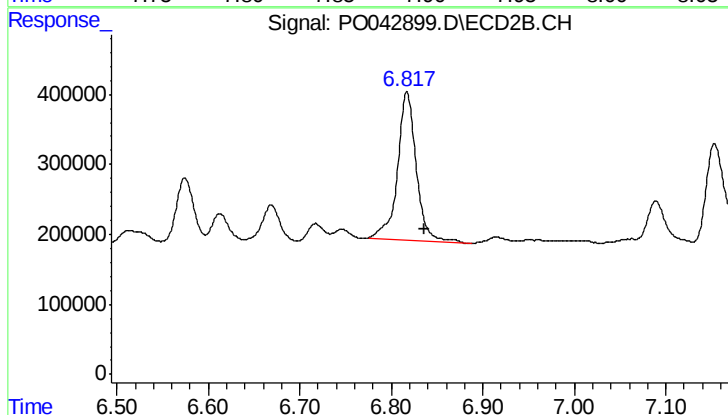
#34 AR-1260-4

R.T.: 6.322 min  
Delta R.T.: 0.015 min  
Response: 1818424  
Conc: 53.19 ng/ml



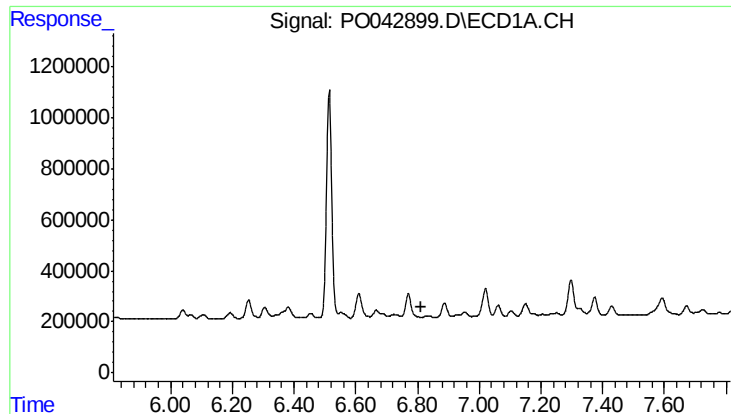
#35 AR-1260-5

R.T.: 7.895 min  
Delta R.T.: -0.020 min  
Response: 1528142  
Conc: 45.21 ng/ml



#35 AR-1260-5

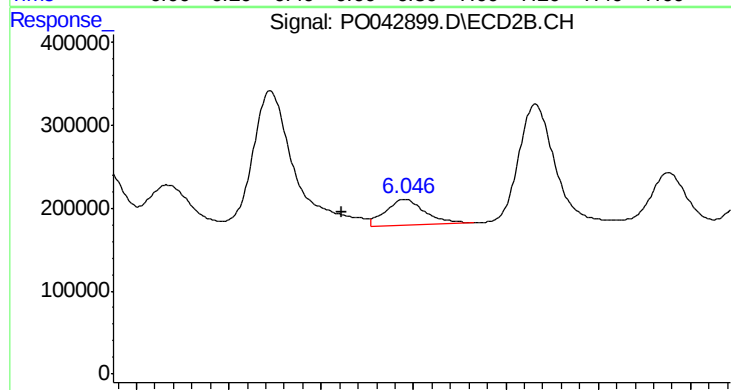
R.T.: 6.817 min  
Delta R.T.: -0.020 min  
Response: 3070521  
Conc: 45.37 ng/ml



#36 AR-1262-1

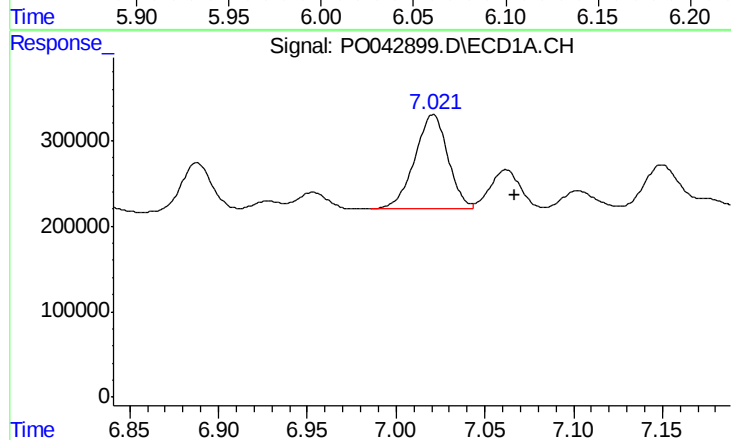
R.T.: 0.000 min  
Exp R.T.: 6.814 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



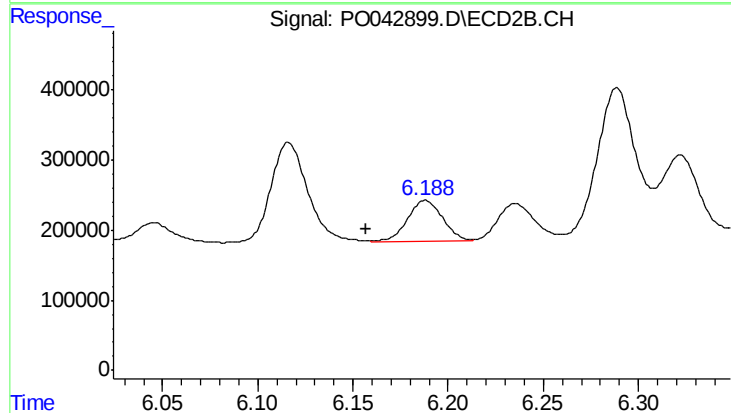
#36 AR-1262-1

R.T.: 6.046 min  
Delta R.T.: 0.035 min  
Response: 474951  
Conc: 21.38 ng/ml



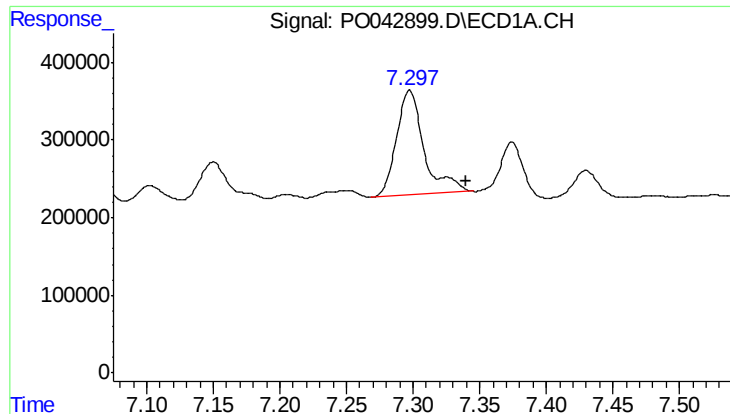
#37 AR-1262-2

R.T.: 7.021 min  
Delta R.T.: -0.046 min  
Response: 1425275  
Conc: 122.42 ng/ml



#37 AR-1262-2

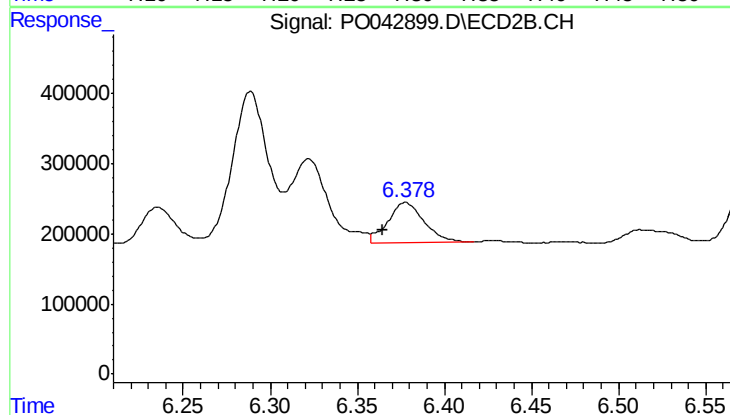
R.T.: 6.188 min  
Delta R.T.: 0.031 min  
Response: 751494  
Conc: 37.37 ng/ml



#38 AR-1262-3

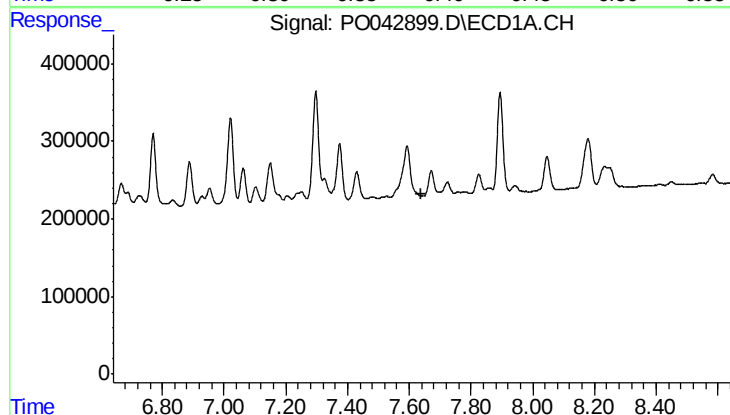
R.T.: 7.297 min  
Delta R.T.: -0.042 min  
Response: 1960714  
Conc: 170.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



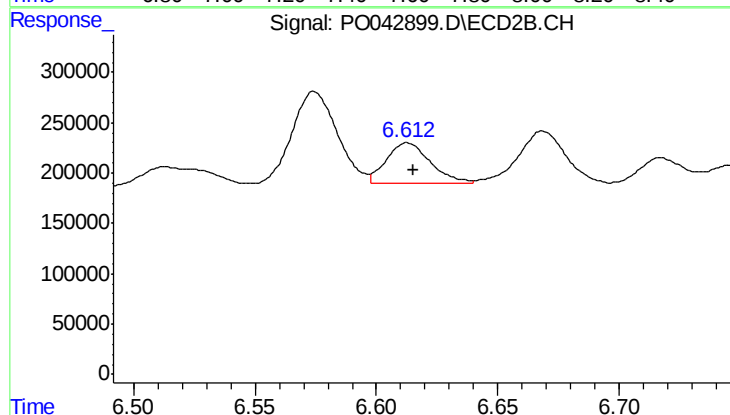
#38 AR-1262-3

R.T.: 6.378 min  
Delta R.T.: 0.014 min  
Response: 816900  
Conc: 22.04 ng/ml



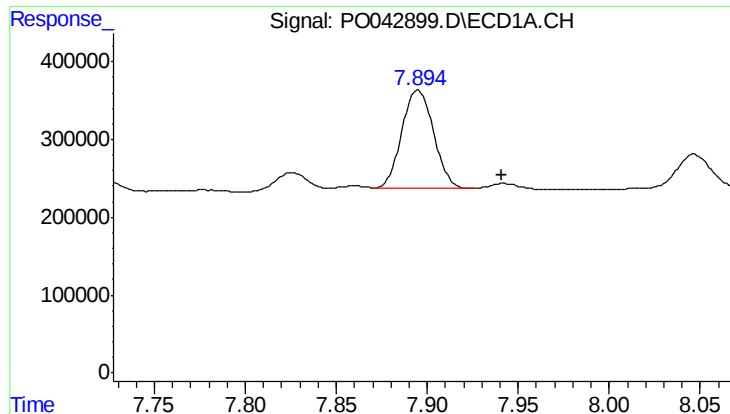
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 7.641 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

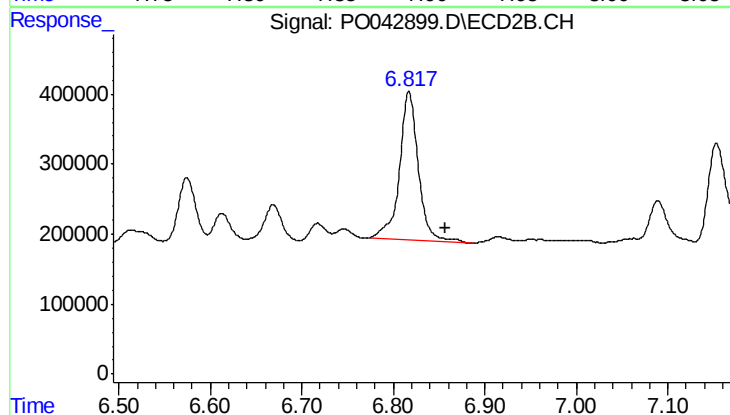
R.T.: 6.613 min  
Delta R.T.: -0.003 min  
Response: 503183  
Conc: 18.17 ng/ml



#40 AR-1262-5

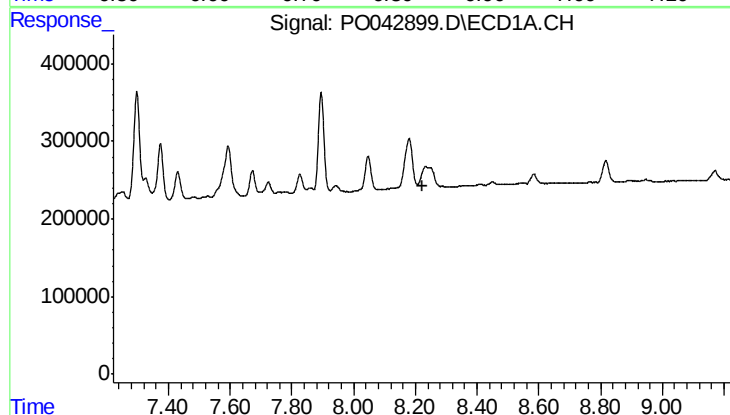
R.T.: 7.895 min  
Delta R.T.: -0.046 min  
Response: 1528142  
Conc: 47.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



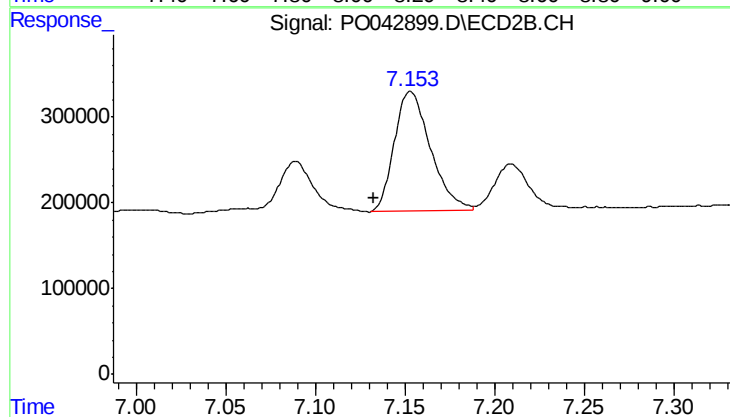
#40 AR-1262-5

R.T.: 6.817 min  
Delta R.T.: -0.041 min  
Response: 3070521  
Conc: 48.46 ng/ml



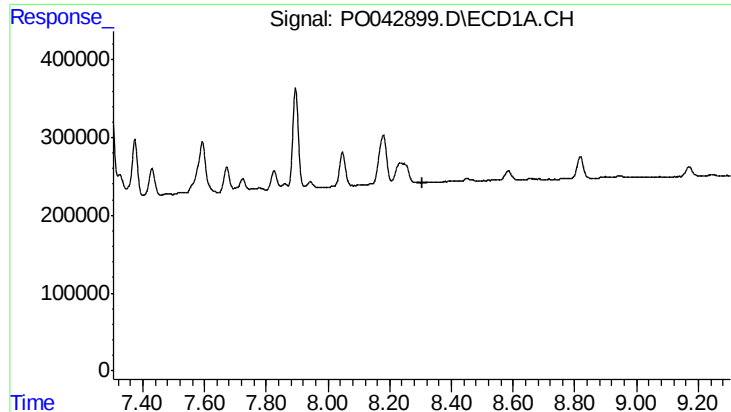
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 8.221 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

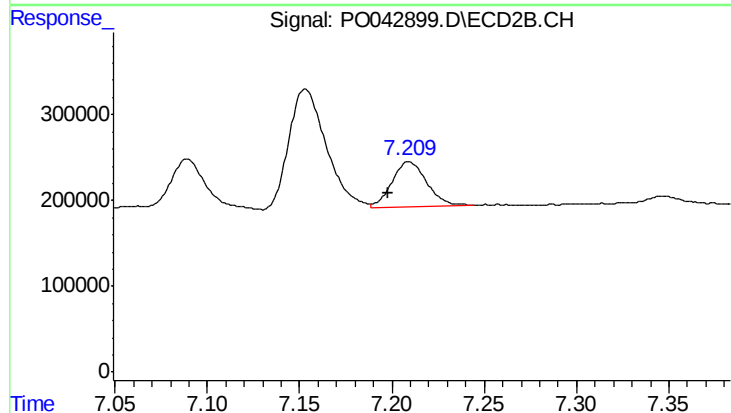
R.T.: 7.153 min  
Delta R.T.: 0.021 min  
Response: 1959365  
Conc: 26.73 ng/ml



#42 AR-1268-2

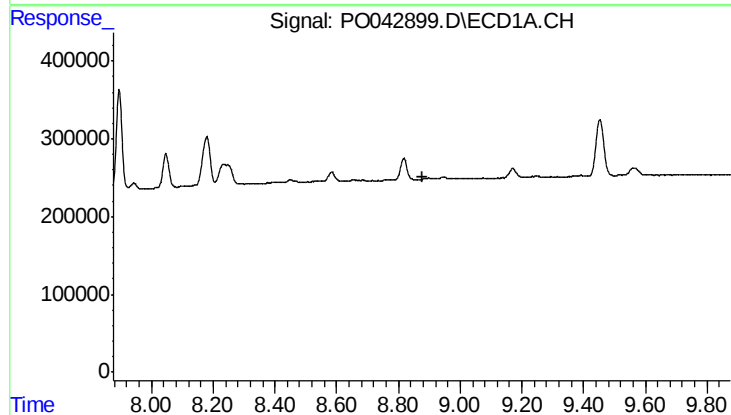
R.T.: 0.000 min  
Exp R.T.: 8.305 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
T-12\_030518



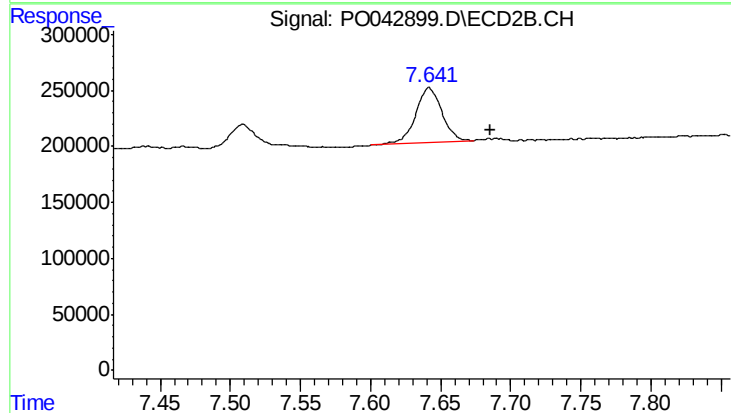
#42 AR-1268-2

R.T.: 7.209 min  
Delta R.T.: 0.011 min  
Response: 683737  
Conc: 10.58 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 8.876 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

R.T.: 7.642 min  
Delta R.T.: -0.043 min  
Response: 636244  
Conc: 28.64 ng/ml