

Data Path : P:\HPCHEM1\ECD\_0\Data\P0021518\  
 Data File : P0042435.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Feb 2018 14:05  
 Operator : SM/UA  
 Sample : AR1262 LOQ  
 Misc : 100 PPB SOIL ECD\_0  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 AR1262 LOQ

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 15 23:16:17 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\P0021418.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Feb 15 00:46:40 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... | 4.108 | 3.356 | 4432738 | 5936164 | 28.653  | 26.137     |
| 2)                          | SA Decachlor... | 9.499 | 8.147 | 4703817 | 7056390 | 27.364  | 28.079     |
| Target Compounds            |                 |       |       |         |         |         |            |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.154 | 0       | 220839  | N.D.    | 27.894 #   |
| 23)                         | L5 AR-1248-3    | 0.000 | 5.154 | 0       | 220839  | N.D.    | 15.000 #   |
| 24)                         | L5 AR-1248-4    | 0.000 | 5.154 | 0       | 220839  | N.D.    | 18.606 #   |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.700 | 0       | 1168115 | N.D.    | 157.756 #  |
| 26)                         | L6 AR-1254-1    | 0.000 | 5.154 | 0       | 220839  | N.D.    | 13.214 #   |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.299 | 0       | 262742  | N.D.    | 17.489 #   |
| 28)                         | L6 AR-1254-3    | 6.694 | 5.700 | 792598  | 1168115 | 52.513  | 47.629     |
| 30)                         | L6 AR-1254-5    | 7.174 | 6.218 | 410696  | 317870  | 48.244  | 27.438 #   |
| 31)                         | L7 AR-1260-1    | 6.796 | 5.812 | 1071579 | 1611378 | 96.467  | 86.070     |
| 32)                         | L7 AR-1260-2    | 7.048 | 5.998 | 1124962 | 2438959 | 75.499  | 86.138     |
| 33)                         | L7 AR-1260-3    | 7.322 | 6.144 | 1092200 | 1992828 | 66.213  | 90.329 #   |
| 34)                         | L7 AR-1260-4    | 7.402 | 6.315 | 1983439 | 1461159 | 167.008 | 56.109 #   |
| 35)                         | L7 AR-1260-5    | 7.924 | 6.845 | 3274946 | 5602997 | 127.572 | 114.432    |
| 36)                         | L8 AR-1262-1    | 6.796 | 5.998 | 1071579 | 2438959 | 130.251 | 131.022    |
| 37)                         | L8 AR-1262-2    | 7.048 | 6.144 | 1124962 | 1992828 | 103.453 | 119.157    |
| 38)                         | L8 AR-1262-3    | 7.322 | 6.352 | 1092200 | 3580589 | 109.652 | 117.521    |
| 39)                         | L8 AR-1262-4    | 7.623 | 6.602 | 1658200 | 2674825 | 123.817 | 115.482    |
| 40)                         | L8 AR-1262-5    | 7.924 | 6.845 | 3274946 | 5602997 | 116.840 | 107.238    |
| 41)                         | L9 AR-1268-1    | 8.203 | 7.117 | 2249068 | 2415953 | 66.970  | 38.487 #   |
| 42)                         | L9 AR-1268-2    | 8.280 | 7.182 | 1725603 | 4012403 | 58.137  | 71.996     |
| 43)                         | L9 AR-1268-3    | 0.000 | 7.377 | 0       | 167335  | N.D.    | 3.562 #    |
| 44)                         | L9 AR-1268-4    | 8.853 | 7.670 | 1145737 | 1716338 | 105.307 | 93.549     |
| 45)                         | L9 AR-1268-5    | 9.211 | 7.934 | 420484  | 572212  | 5.873   | 1688.277 # |
| -----                       |                 |       |       |         |         |         |            |

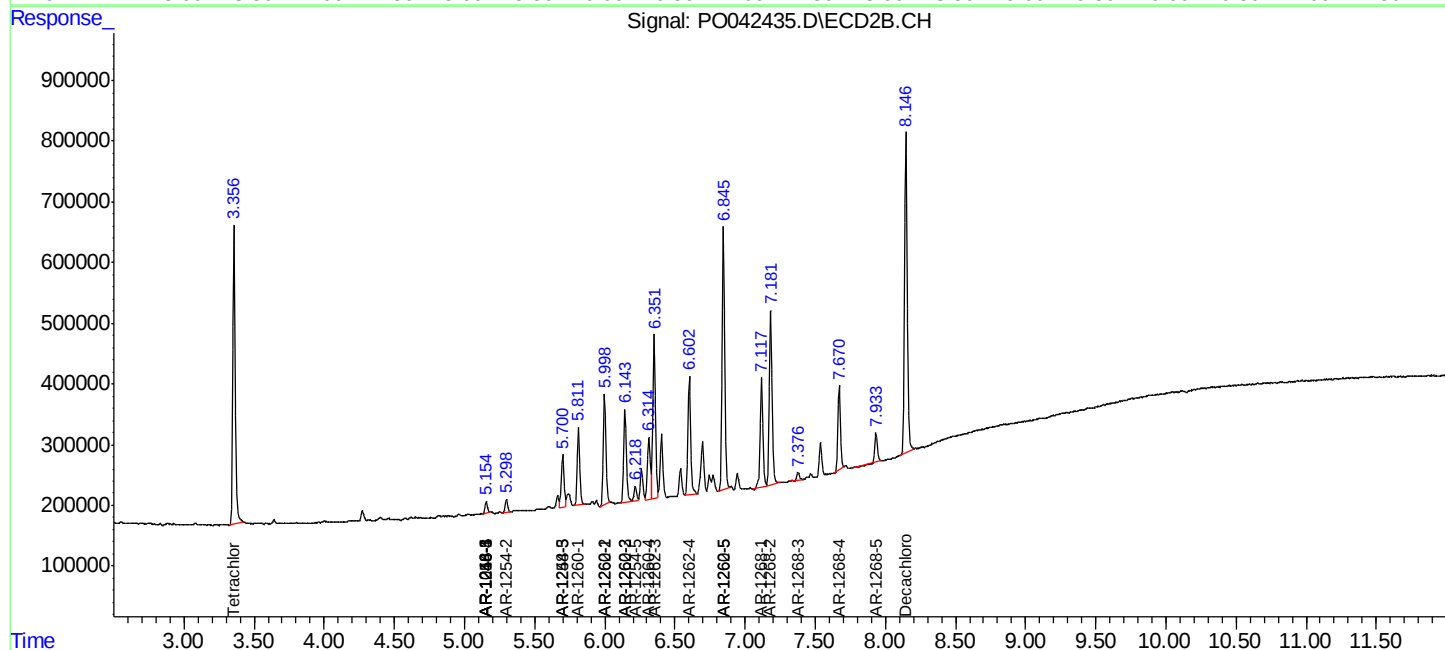
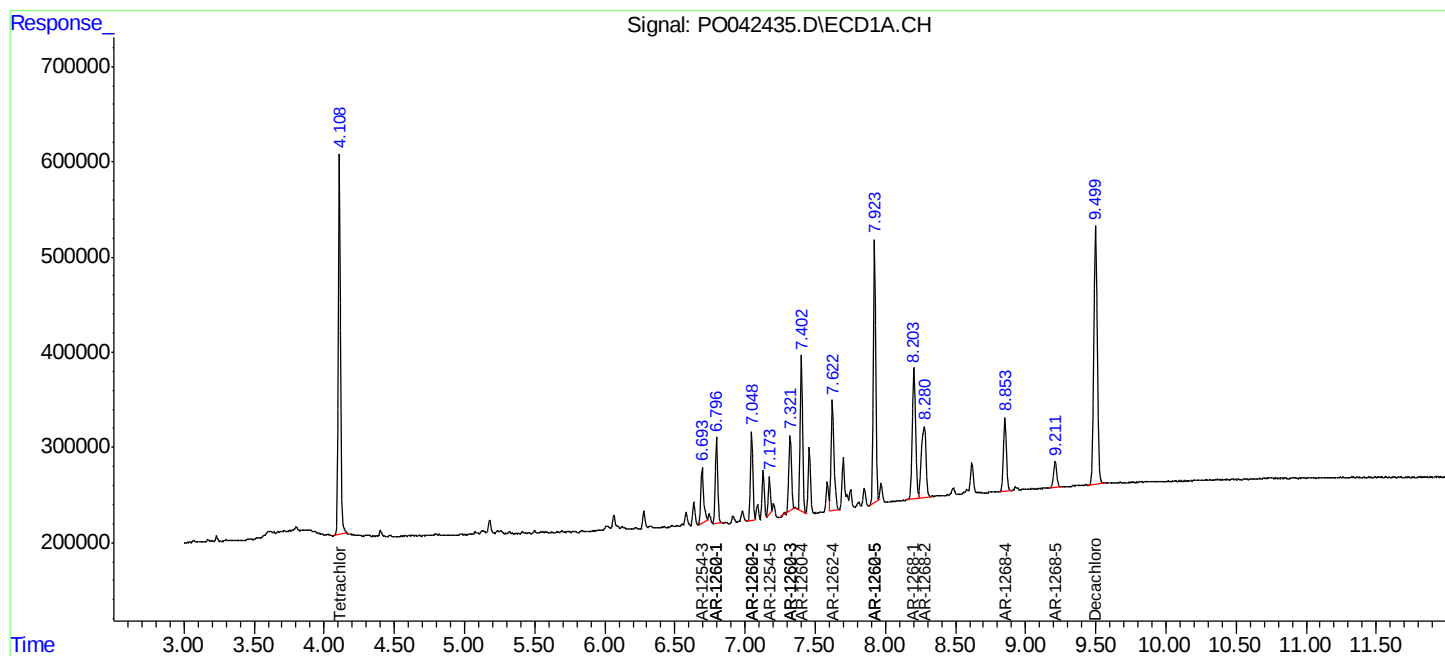
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

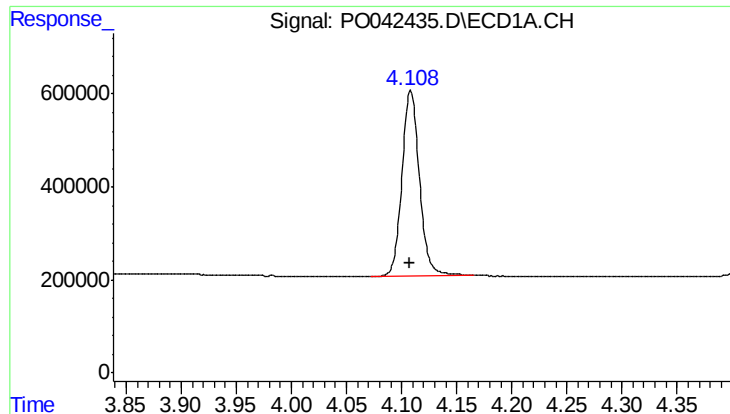
Data Path : P:\HPCHEM1\ECD\_0\Data\P0021518\  
Data File : P0042435.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Feb 2018 14:05  
Operator : SM/UA  
Sample : AR1262 LOQ  
Misc : 100 PPB SOIL ECD\_0  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 15 23:16:17 2018  
Quant Method : P:\HPCHEM1\ECD\_0\P0021418.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Feb 15 00:46:40 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

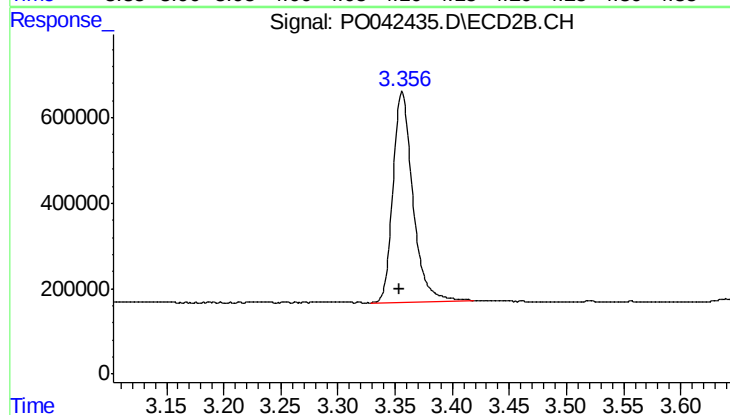




#1 Tetrachloro-m-xylene

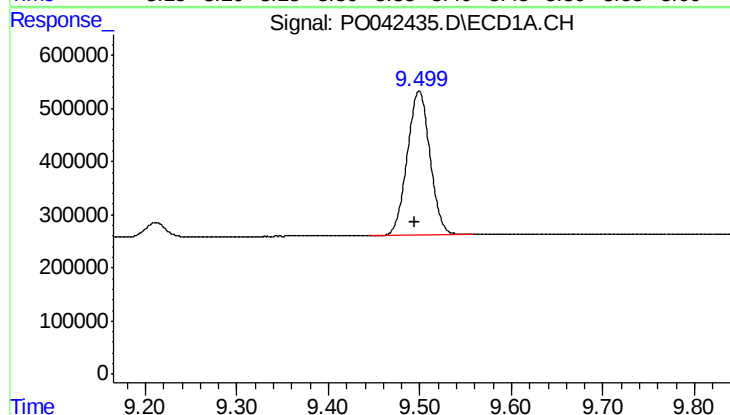
R.T.: 4.108 min  
Delta R.T.: 0.000 min  
Response: 4432738  
Conc: 28.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



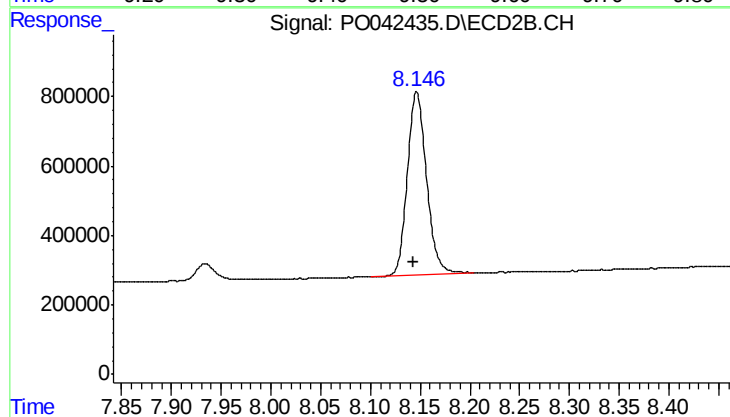
#1 Tetrachloro-m-xylene

R.T.: 3.356 min  
Delta R.T.: 0.002 min  
Response: 5936164  
Conc: 26.14 ng/ml



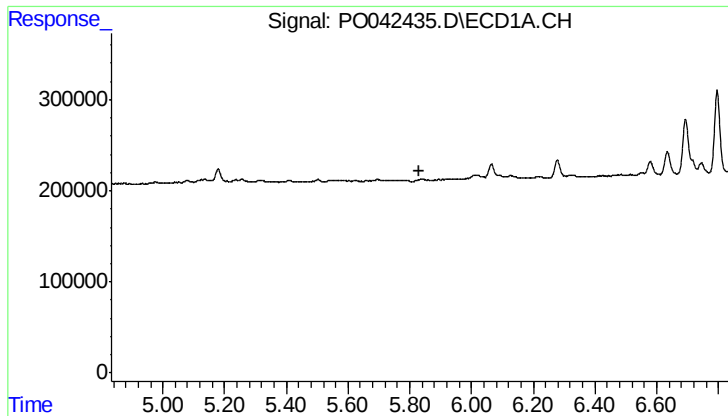
#2 Decachlorobiphenyl

R.T.: 9.499 min  
Delta R.T.: 0.005 min  
Response: 4703817  
Conc: 27.36 ng/ml



#2 Decachlorobiphenyl

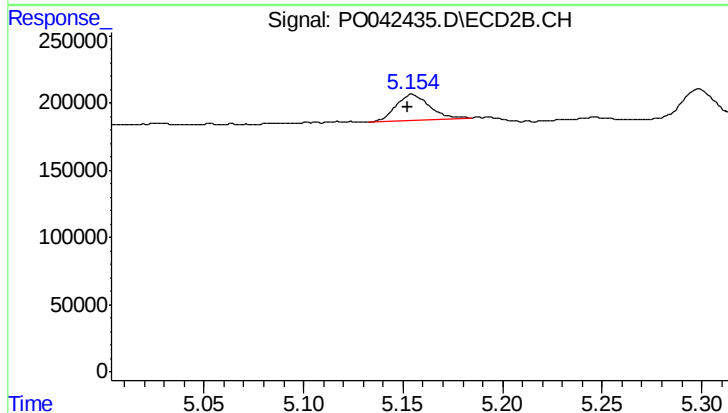
R.T.: 8.147 min  
Delta R.T.: 0.003 min  
Response: 7056390  
Conc: 28.08 ng/ml



#7 AR-1016-5

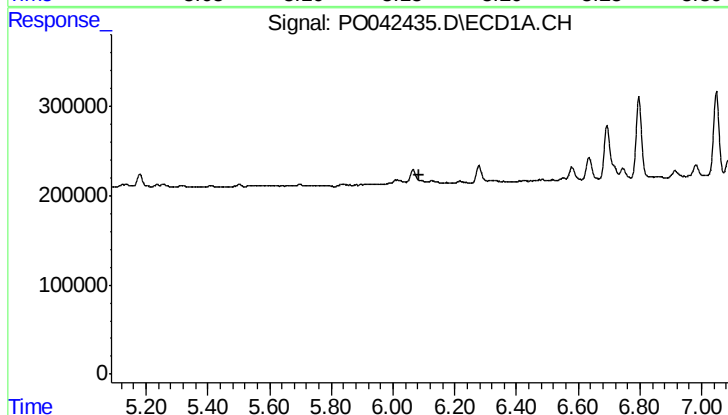
R.T.: 0.000 min  
Exp R.T.: 5.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



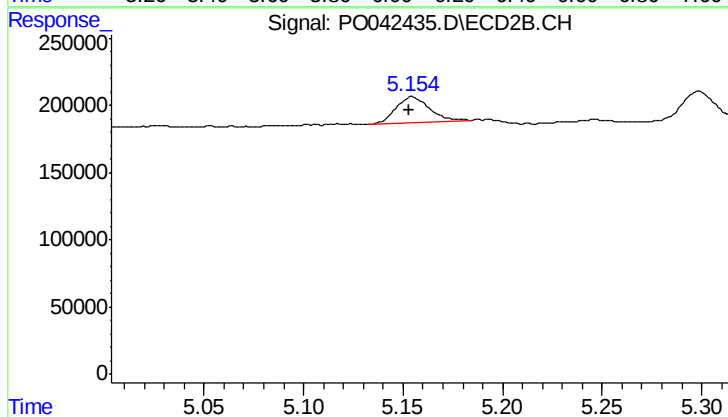
#7 AR-1016-5

R.T.: 5.154 min  
Delta R.T.: 0.002 min  
Response: 220839  
Conc: 27.89 ng/ml



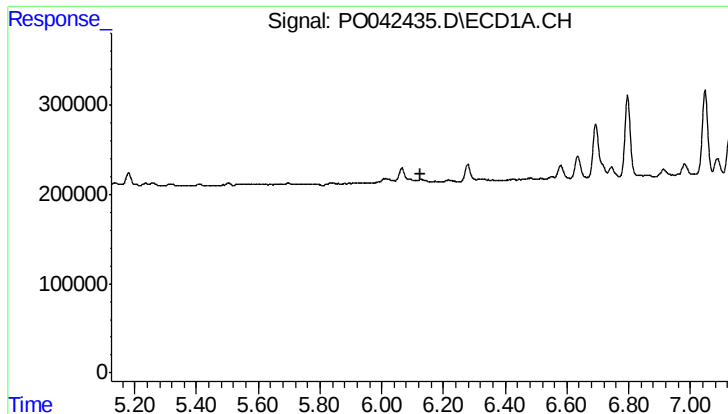
#23 AR-1248-3

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



#23 AR-1248-3

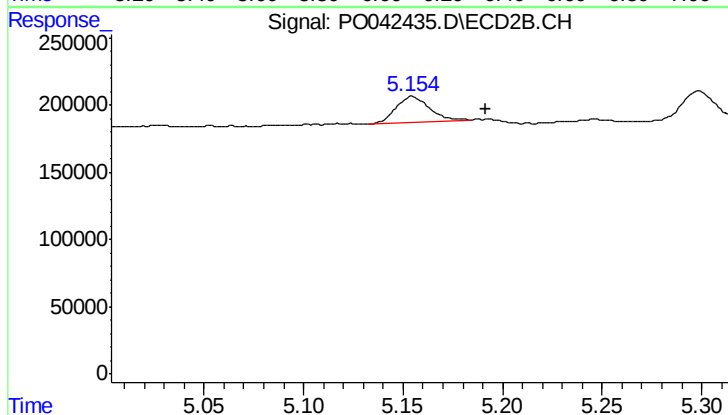
R.T.: 5.154 min  
Delta R.T.: 0.001 min  
Response: 220839  
Conc: 15.00 ng/ml



#24 AR-1248-4

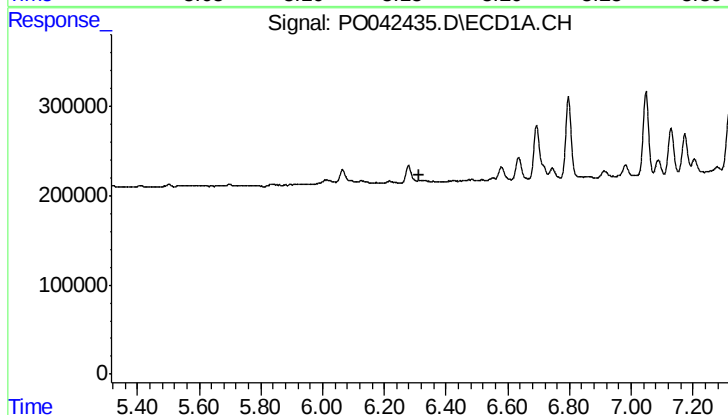
R.T.: 0.000 min  
Exp R.T.: 6.124 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



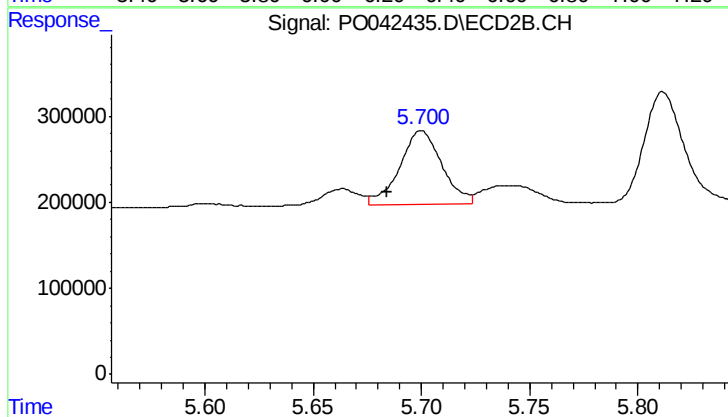
#24 AR-1248-4

R.T.: 5.154 min  
Delta R.T.: -0.037 min  
Response: 220839  
Conc: 18.61 ng/ml



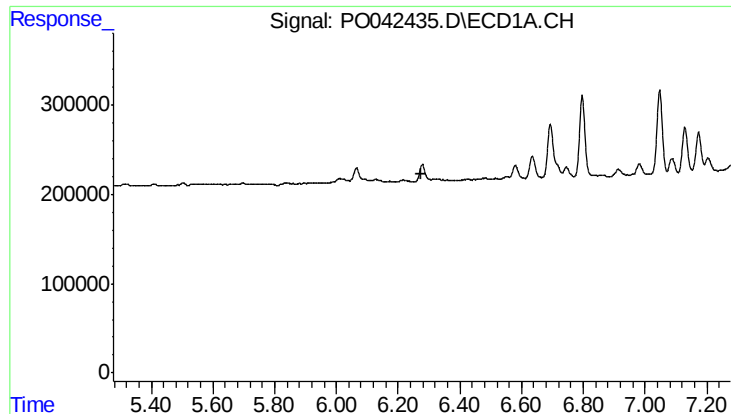
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 6.315 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

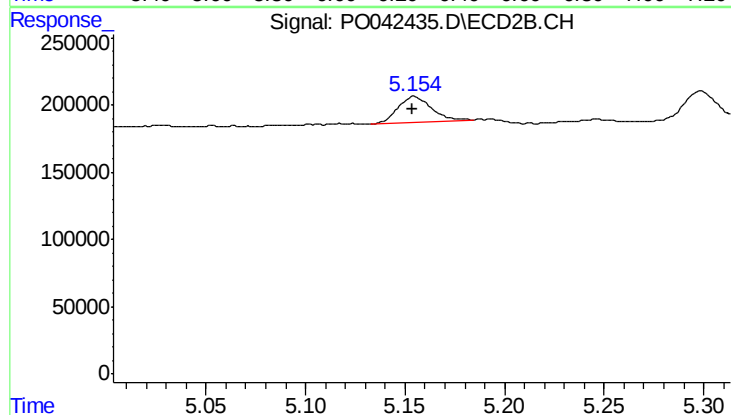
R.T.: 5.700 min  
Delta R.T.: 0.016 min  
Response: 1168115  
Conc: 157.76 ng/ml



#26 AR-1254-1

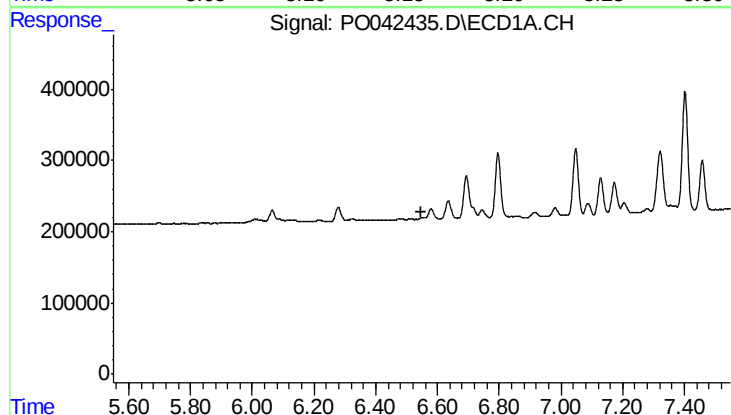
R.T.: 0.000 min  
Exp R.T.: 6.277 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



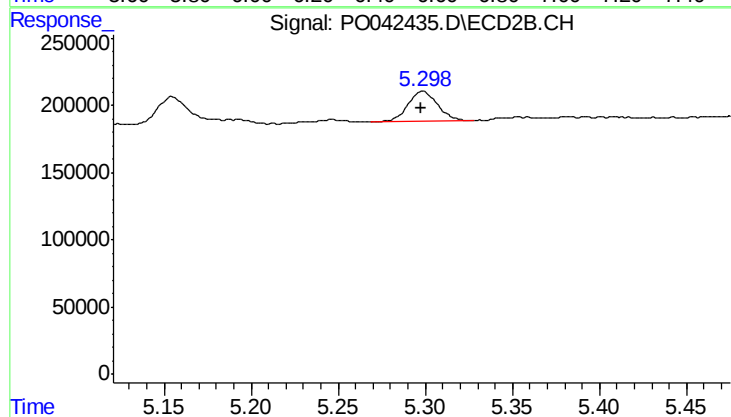
#26 AR-1254-1

R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 220839  
Conc: 13.21 ng/ml



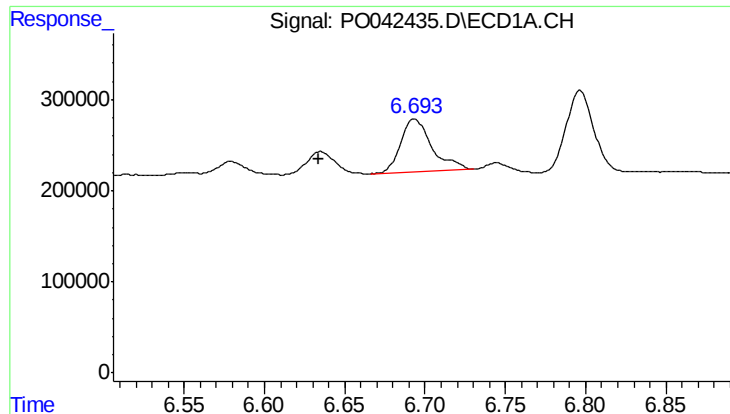
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 6.549 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

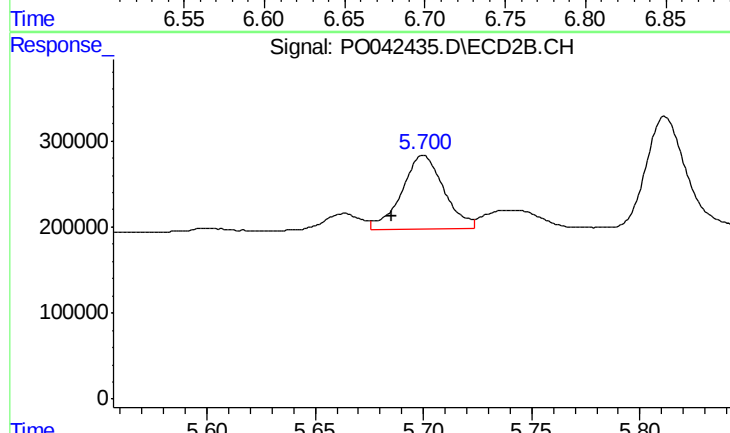
R.T.: 5.298 min  
Delta R.T.: 0.000 min  
Response: 262742  
Conc: 17.49 ng/ml



#28 AR-1254-3

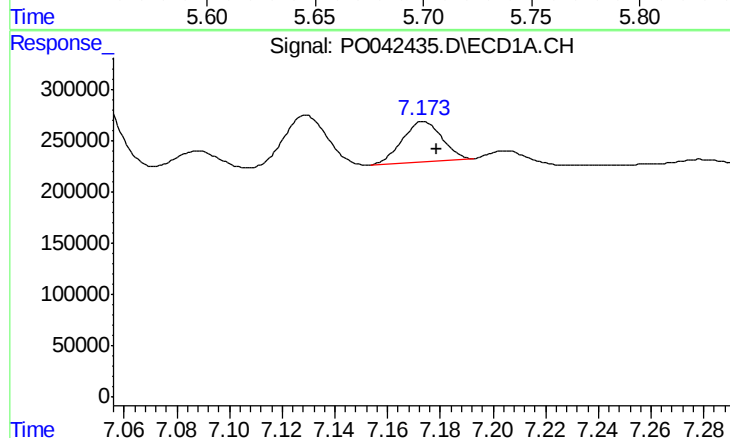
R.T.: 6.694 min  
Delta R.T.: 0.060 min  
Response: 792598  
Conc: 52.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



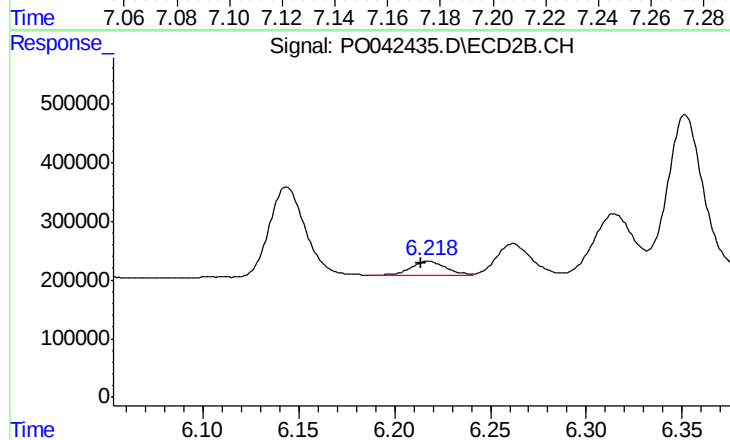
#28 AR-1254-3

R.T.: 5.700 min  
Delta R.T.: 0.015 min  
Response: 1168115  
Conc: 47.63 ng/ml



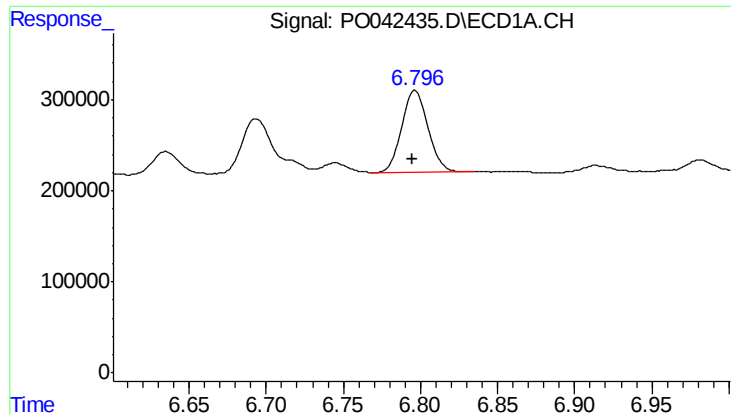
#30 AR-1254-5

R.T.: 7.174 min  
Delta R.T.: -0.005 min  
Response: 410696  
Conc: 48.24 ng/ml



#30 AR-1254-5

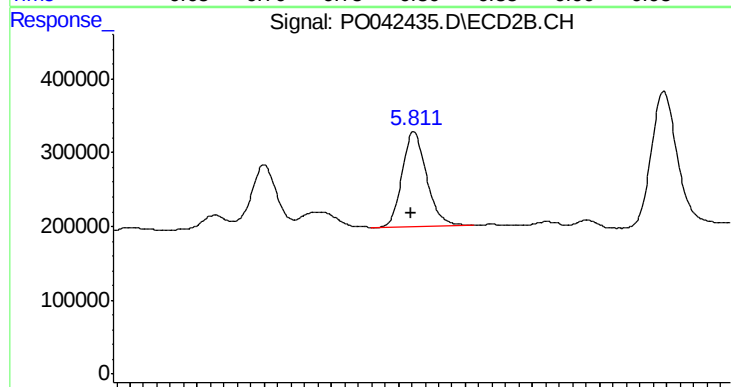
R.T.: 6.218 min  
Delta R.T.: 0.004 min  
Response: 317870  
Conc: 27.44 ng/ml



#31 AR-1260-1

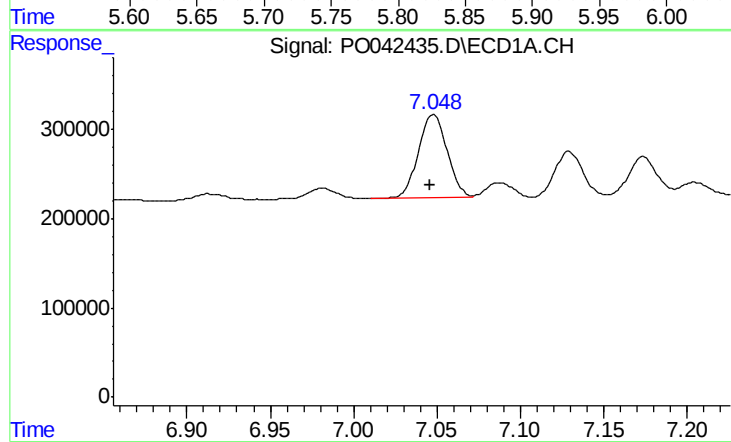
R.T.: 6.796 min  
Delta R.T.: 0.002 min  
Response: 1071579  
Conc: 96.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



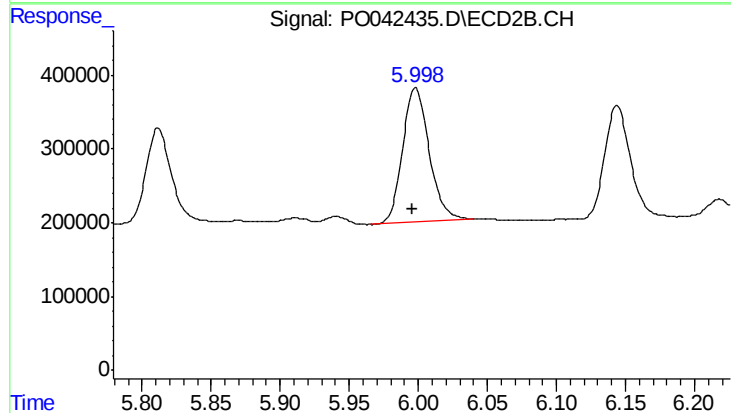
#31 AR-1260-1

R.T.: 5.812 min  
Delta R.T.: 0.002 min  
Response: 1611378  
Conc: 86.07 ng/ml



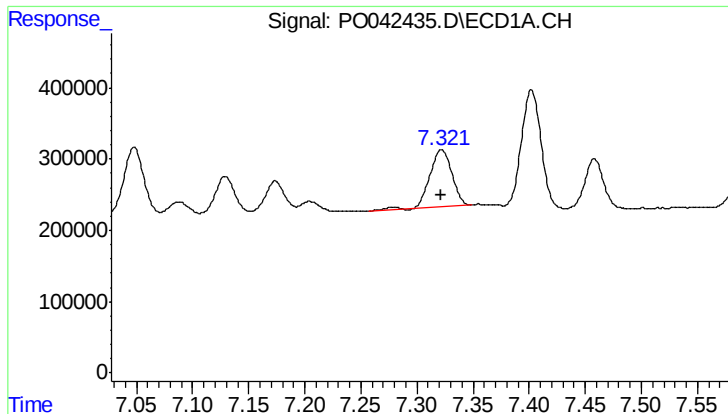
#32 AR-1260-2

R.T.: 7.048 min  
Delta R.T.: 0.002 min  
Response: 1124962  
Conc: 75.50 ng/ml



#32 AR-1260-2

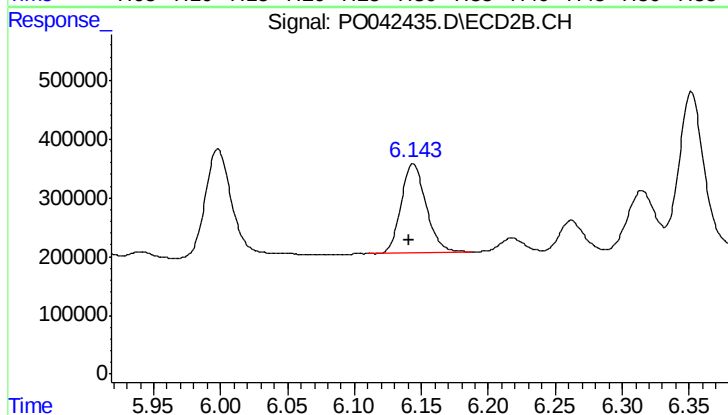
R.T.: 5.998 min  
Delta R.T.: 0.002 min  
Response: 2438959  
Conc: 86.14 ng/ml



#33 AR-1260-3

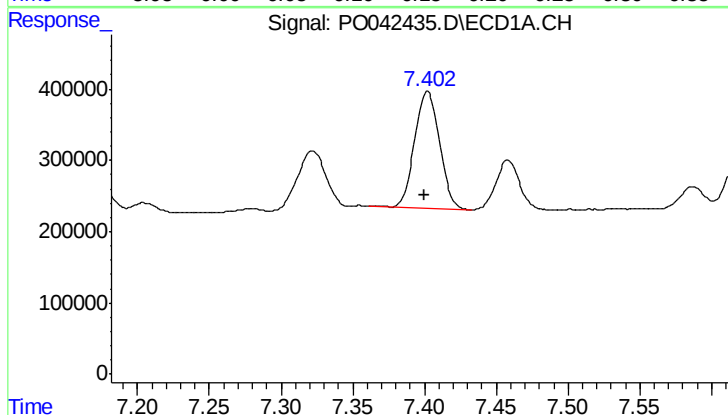
R.T.: 7.322 min  
Delta R.T.: 0.000 min  
Response: 1092200  
Conc: 66.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



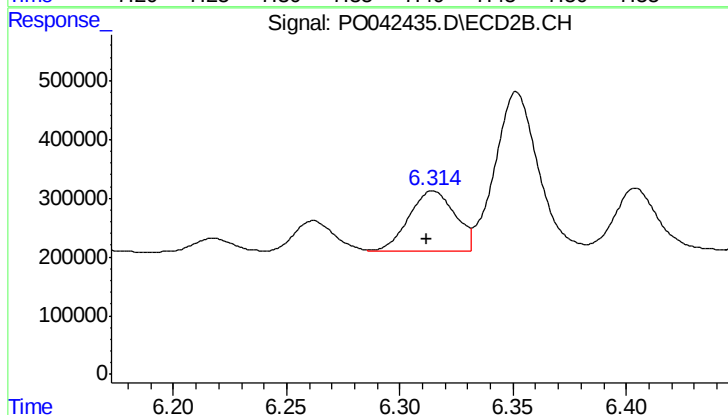
#33 AR-1260-3

R.T.: 6.144 min  
Delta R.T.: 0.003 min  
Response: 1992828  
Conc: 90.33 ng/ml



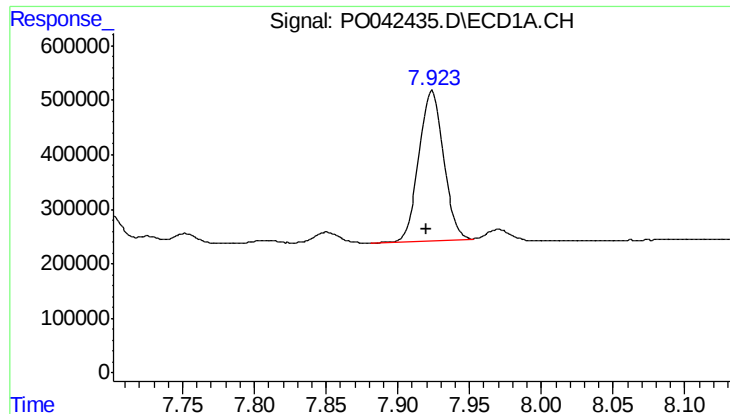
#34 AR-1260-4

R.T.: 7.402 min  
Delta R.T.: 0.002 min  
Response: 1983439  
Conc: 167.01 ng/ml



#34 AR-1260-4

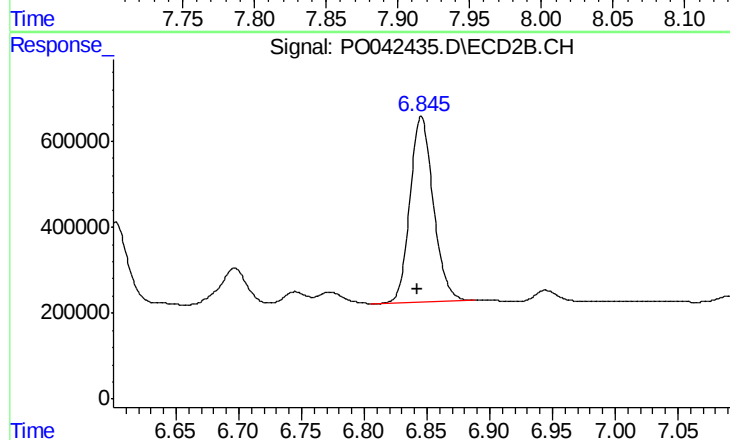
R.T.: 6.315 min  
Delta R.T.: 0.002 min  
Response: 1461159  
Conc: 56.11 ng/ml



#35 AR-1260-5

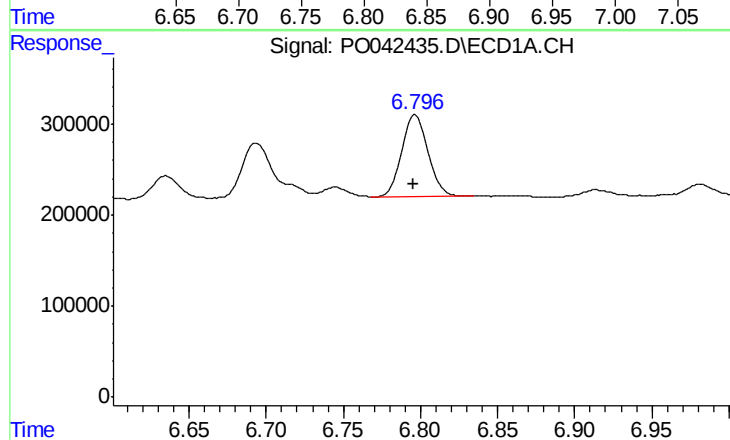
R.T.: 7.924 min  
Delta R.T.: 0.003 min  
Response: 3274946  
Conc: 127.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



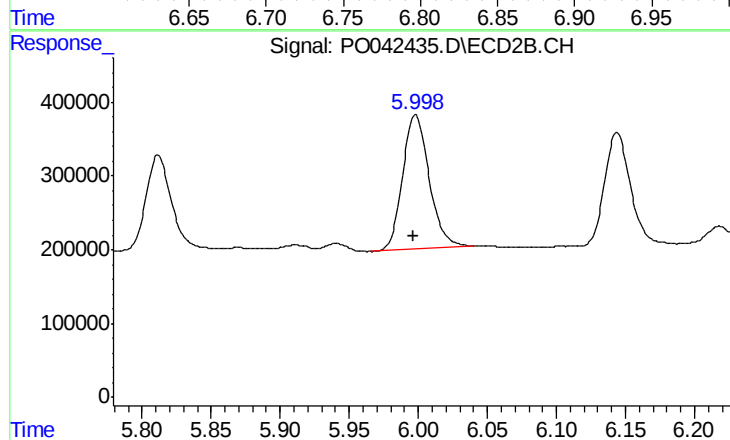
#35 AR-1260-5

R.T.: 6.845 min  
Delta R.T.: 0.003 min  
Response: 5602997  
Conc: 114.43 ng/ml



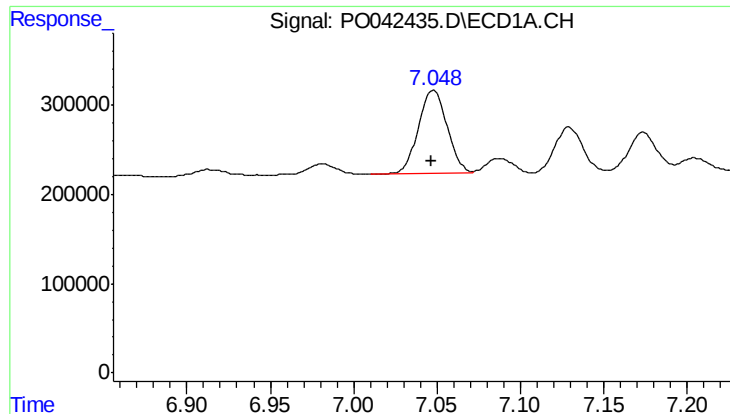
#36 AR-1262-1

R.T.: 6.796 min  
Delta R.T.: 0.000 min  
Response: 1071579  
Conc: 130.25 ng/ml



#36 AR-1262-1

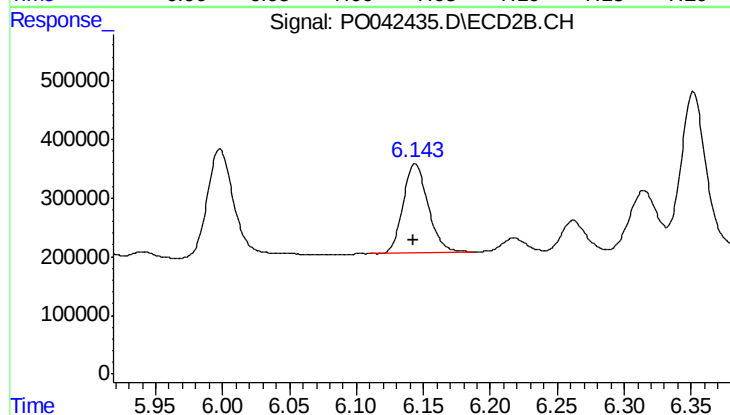
R.T.: 5.998 min  
Delta R.T.: 0.001 min  
Response: 2438959  
Conc: 131.02 ng/ml



#37 AR-1262-2

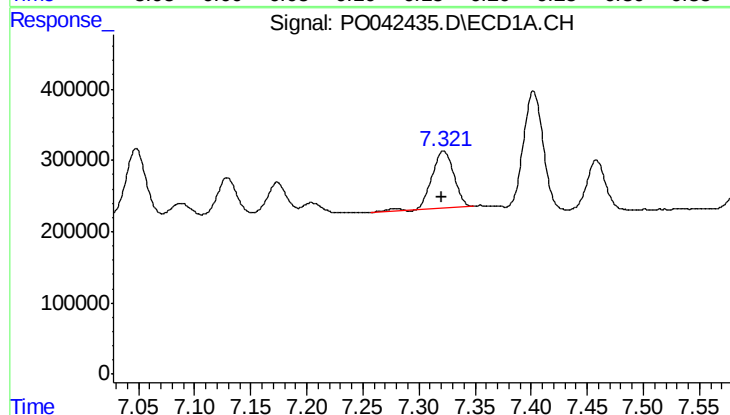
R.T.: 7.048 min  
Delta R.T.: 0.001 min  
Response: 1124962  
Conc: 103.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



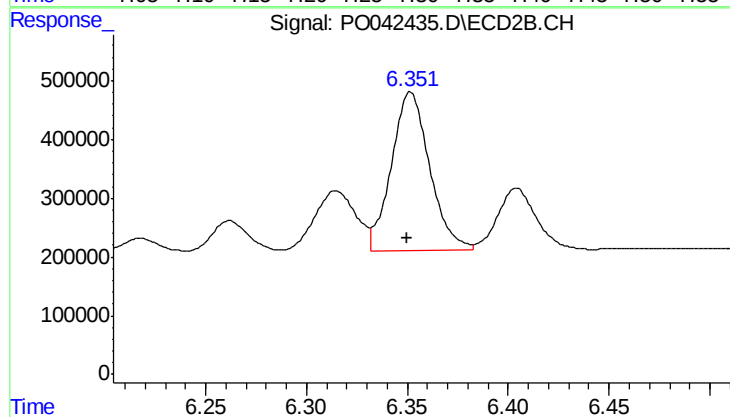
#37 AR-1262-2

R.T.: 6.144 min  
Delta R.T.: 0.001 min  
Response: 1992828  
Conc: 119.16 ng/ml



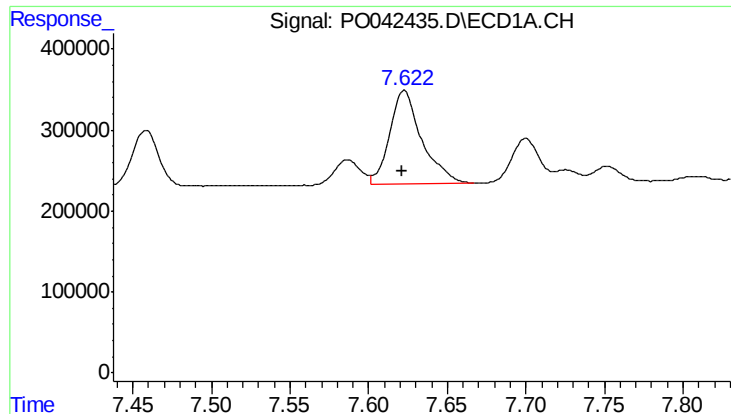
#38 AR-1262-3

R.T.: 7.322 min  
Delta R.T.: 0.001 min  
Response: 1092200  
Conc: 109.65 ng/ml



#38 AR-1262-3

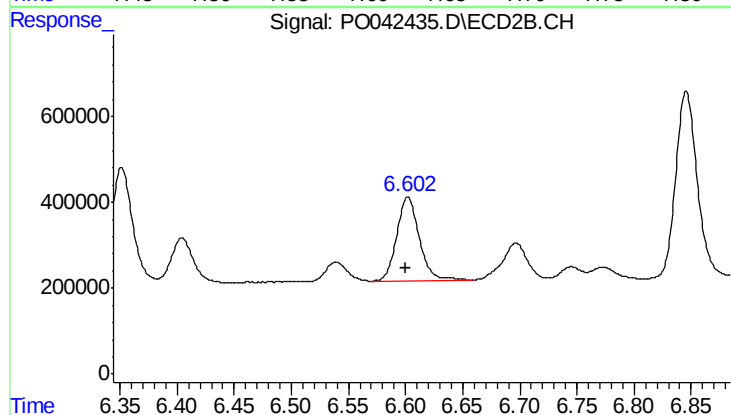
R.T.: 6.352 min  
Delta R.T.: 0.001 min  
Response: 3580589  
Conc: 117.52 ng/ml



#39 AR-1262-4

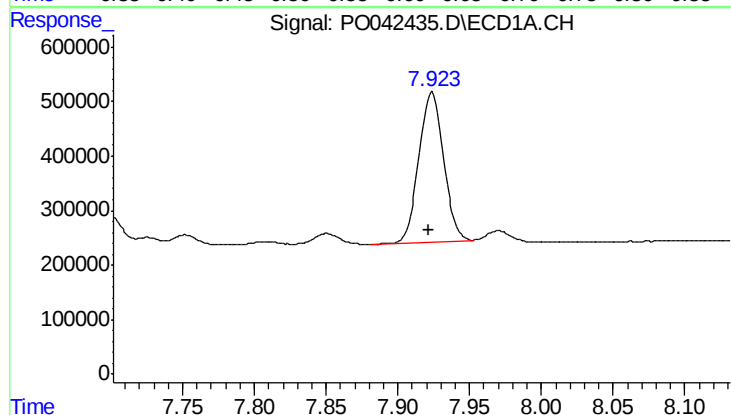
R.T.: 7.623 min  
Delta R.T.: 0.002 min  
Response: 1658200  
Conc: 123.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



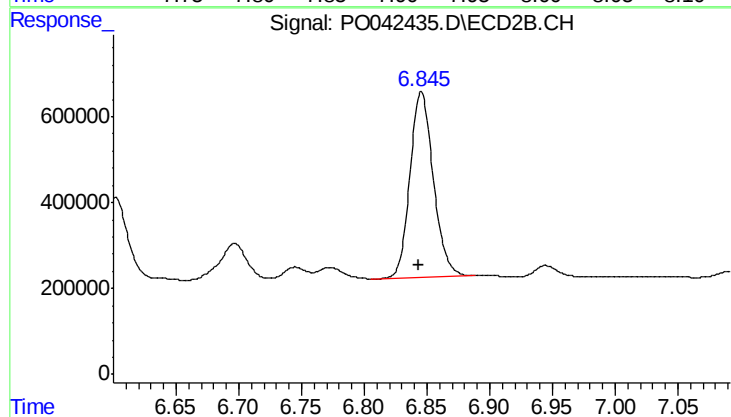
#39 AR-1262-4

R.T.: 6.602 min  
Delta R.T.: 0.002 min  
Response: 2674825  
Conc: 115.48 ng/ml



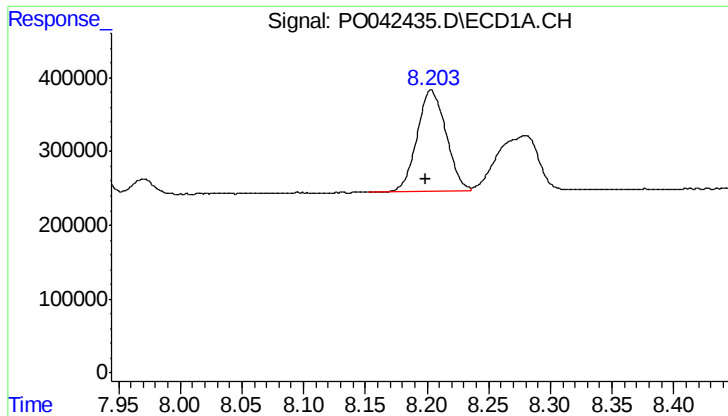
#40 AR-1262-5

R.T.: 7.924 min  
Delta R.T.: 0.002 min  
Response: 3274946  
Conc: 116.84 ng/ml



#40 AR-1262-5

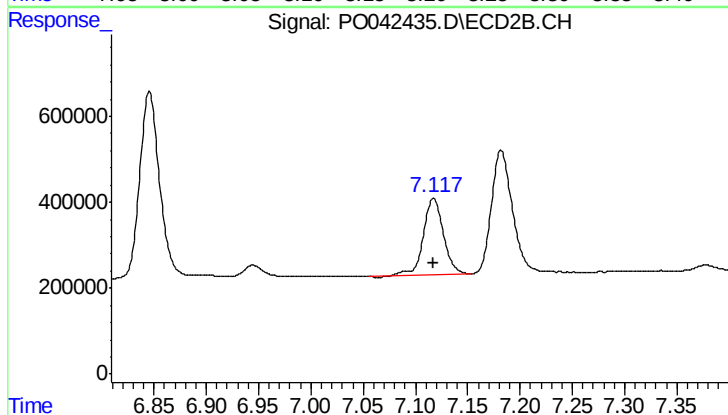
R.T.: 6.845 min  
Delta R.T.: 0.002 min  
Response: 5602997  
Conc: 107.24 ng/ml



#41 AR-1268-1

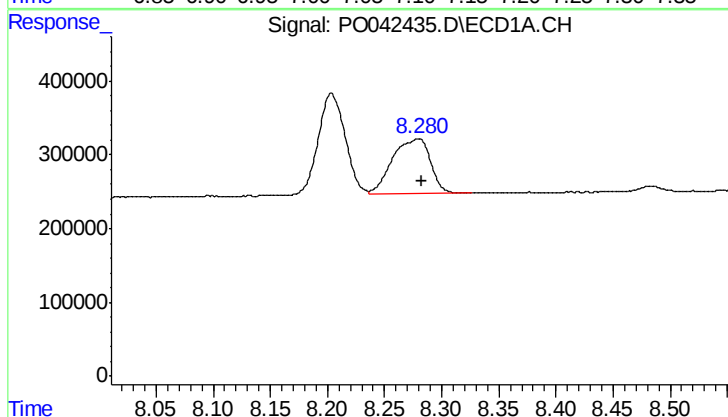
R.T.: 8.203 min  
Delta R.T.: 0.005 min  
Response: 2249068  
Conc: 66.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



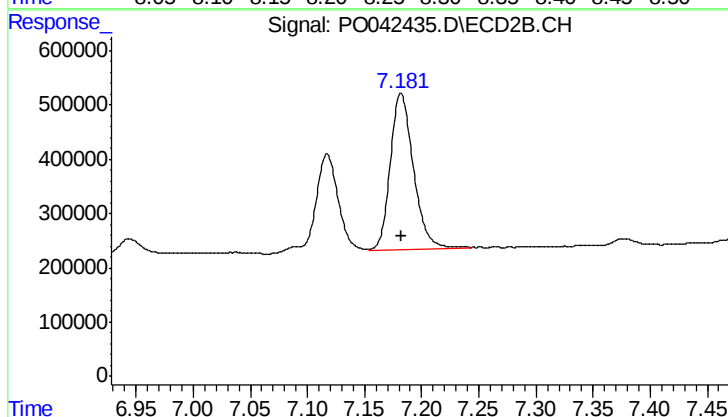
#41 AR-1268-1

R.T.: 7.117 min  
Delta R.T.: 0.000 min  
Response: 2415953  
Conc: 38.49 ng/ml



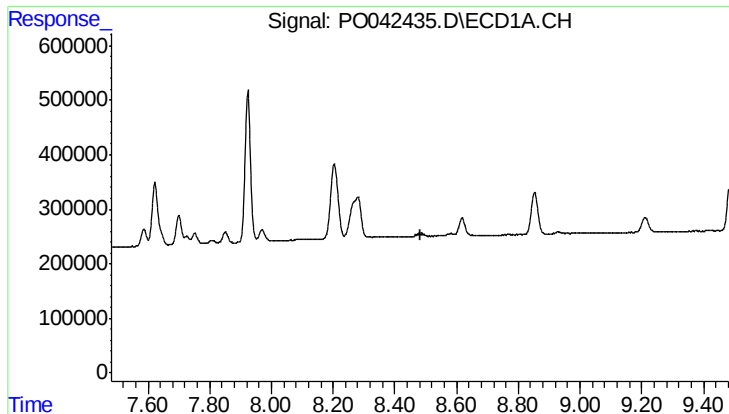
#42 AR-1268-2

R.T.: 8.280 min  
Delta R.T.: -0.002 min  
Response: 1725603  
Conc: 58.14 ng/ml



#42 AR-1268-2

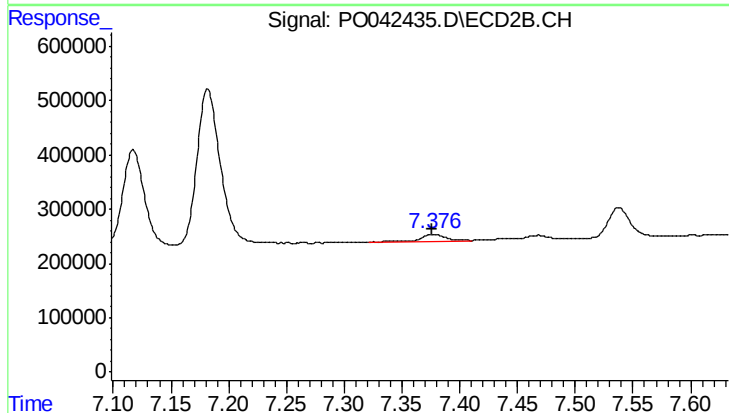
R.T.: 7.182 min  
Delta R.T.: 0.000 min  
Response: 4012403  
Conc: 72.00 ng/ml



#43 AR-1268-3

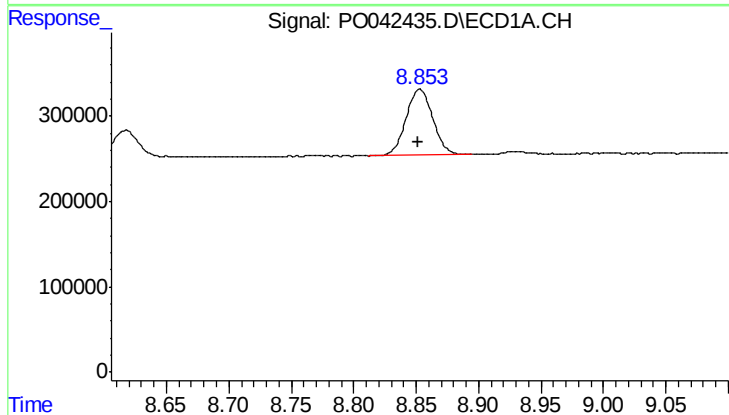
R.T.: 0.000 min  
Exp R.T.: 8.482 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



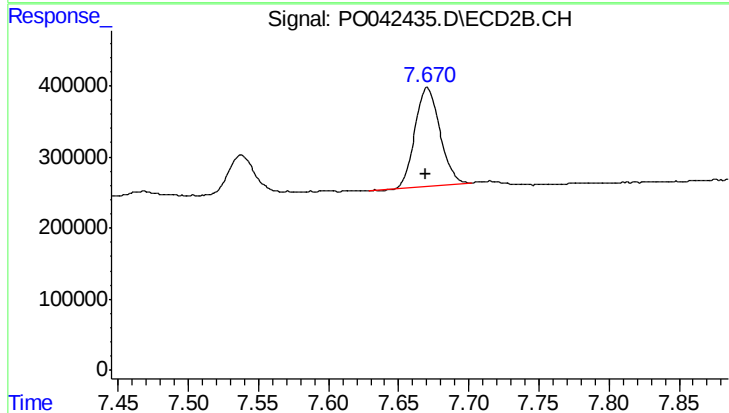
#43 AR-1268-3

R.T.: 7.377 min  
Delta R.T.: 0.001 min  
Response: 167335  
Conc: 3.56 ng/ml



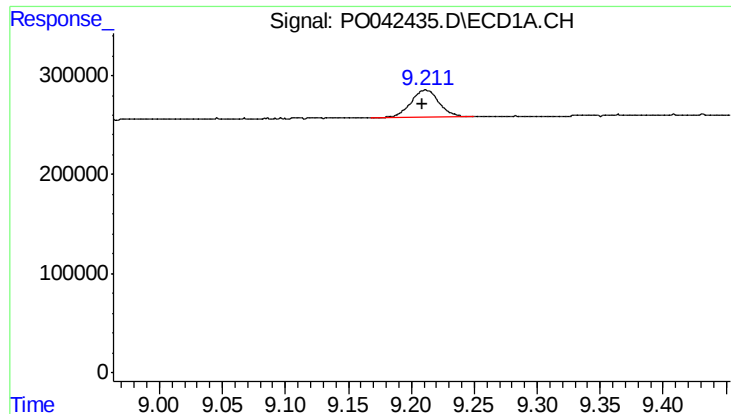
#44 AR-1268-4

R.T.: 8.853 min  
Delta R.T.: 0.001 min  
Response: 1145737  
Conc: 105.31 ng/ml



#44 AR-1268-4

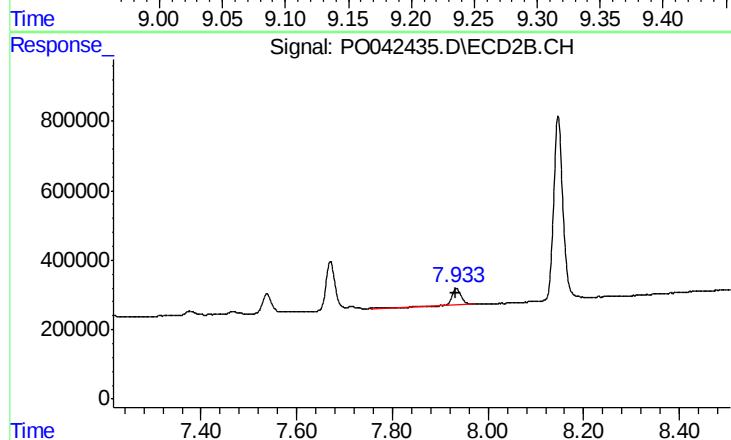
R.T.: 7.670 min  
Delta R.T.: 0.001 min  
Response: 1716338  
Conc: 93.55 ng/ml



#45 AR-1268-5

R.T.: 9.211 min  
Delta R.T.: 0.002 min  
Response: 420484  
Conc: 5.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262 LOQ



#45 AR-1268-5

R.T.: 7.934 min  
Delta R.T.: 0.000 min  
Response: 572212  
Conc: 1688.28 ng/ml