

Data Path : P:\HPCHEM1\ECD\_0\Data\P0041218\  
 Data File : P0043840.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Apr 2018 21:35  
 Operator : SM/UA  
 Sample : J2319-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 DRUM-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 13 01:02:18 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0040418.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 04 15:17:57 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...          | 4.055 | 3.316 | 7361510 | 8900701 | 41.409  | 33.127    |
| 2) SA Decachlor...          | 9.391 | 8.077 | 1932655 | 5531621 | 10.725  | 23.595 #  |
| Target Compounds            |       |       |         |         |         |           |
| 3) L1 AR-1016-1             | 4.898 | 0.000 | 1375729 | 0       | 312.009 | N.D. #    |
| 4) L1 AR-1016-2             | 5.252 | 4.567 | 188164  | 378176  | 31.780  | 64.897 #  |
| 5) L1 AR-1016-3             | 0.000 | 4.610 | 0       | 269220  | N.D.    | 38.160 #  |
| 6) L1 AR-1016-4             | 0.000 | 4.707 | 0       | 316169  | N.D.    | 40.955 #  |
| 7) L1 AR-1016-5             | 0.000 | 5.108 | 0       | 402116  | N.D.    | 53.998 #  |
| 9) L2 AR-1221-2             | 0.000 | 3.600 | 0       | 161523  | N.D.    | 46.094 #  |
| 12) L3 AR-1232-2            | 5.199 | 4.350 | 338679  | 314046  | 116.176 | 26.292 #  |
| 13) L3 AR-1232-3            | 5.199 | 4.412 | 338679  | 102805  | 70.569  | 19.774 #  |
| 14) L3 AR-1232-4            | 5.252 | 4.567 | 188164  | 378176  | 67.055  | 93.634 #  |
| 15) L3 AR-1232-5            | 0.000 | 4.567 | 0       | 378176  | N.D.    | 128.839 # |
| 16) L4 AR-1242-1            | 4.716 | 0.000 | 925779  | 0       | 268.792 | N.D. #    |
| 17) L4 AR-1242-2            | 5.199 | 4.350 | 338679  | 314046  | 42.401  | 15.260 #  |
| 18) L4 AR-1242-3            | 0.000 | 4.567 | 0       | 378176  | N.D.    | 59.642 #  |
| 19) L4 AR-1242-4            | 0.000 | 4.610 | 0       | 269220  | N.D.    | 44.092 #  |
| 23) L5 AR-1248-3            | 0.000 | 5.108 | 0       | 402116  | N.D.    | 22.909 #  |
| 24) L5 AR-1248-4            | 0.000 | 5.108 | 0       | 402116  | N.D.    | 28.672 #  |
| 25) L5 AR-1248-5            | 6.309 | 5.633 | 159485  | 425378  | 28.323  | 43.643 #  |
| 26) L6 AR-1254-1            | 6.212 | 5.108 | 189827  | 402116  | 12.658  | 18.478 #  |
| 27) L6 AR-1254-2            | 6.519 | 5.296 | 155242  | 299731  | 16.350  | 15.464    |
| 28) L6 AR-1254-3            | 6.571 | 5.633 | 494419  | 425378  | 29.959  | 13.436 #  |
| 29) L6 AR-1254-4            | 0.000 | 5.854 | 0       | 367029  | N.D.    | 14.873 #  |
| 31) L7 AR-1260-1            | 0.000 | 5.762 | 0       | 245133  | N.D.    | 14.667 #  |
| 32) L7 AR-1260-2            | 0.000 | 5.940 | 0       | 645823  | N.D.    | 30.521 #  |
| 33) L7 AR-1260-3            | 0.000 | 6.257 | 0       | 485401  | N.D.    | 22.043 #  |
| 34) L7 AR-1260-4            | 7.816 | 0.000 | 793043  | 0       | 38.330  | N.D. #    |
| 35) L7 AR-1260-5            | 0.000 | 7.102 | 0       | 130821  | N.D.    | 5.087 #   |
| 36) L8 AR-1262-1            | 0.000 | 5.940 | 0       | 645823  | N.D.    | 29.685 #  |
| 38) L8 AR-1262-3            | 7.255 | 6.257 | 123086  | 485401  | 10.926  | 13.935 #  |
| 39) L8 AR-1262-4            | 7.537 | 6.579 | 365705  | 319199  | 24.448  | 11.770 #  |
| 40) L8 AR-1262-5            | 7.816 | 0.000 | 793043  | 0       | 26.059  | N.D. #    |
| 41) L9 AR-1268-1            | 0.000 | 7.102 | 0       | 130821  | N.D.    | 2.246 #   |
| 42) L9 AR-1268-2            | 0.000 | 7.102 | 0       | 130821  | N.D.    | 2.507 #   |
| 43) L9 AR-1268-3            | 8.355 | 0.000 | 286437  | 0       | 11.867  | N.D. #    |
| 44) L9 AR-1268-4            | 0.000 | 7.630 | 0       | 285443  | N.D.    | 17.449 #  |
| 45) L9 AR-1268-5            | 9.192 | 7.867 | 237803  | 114504  | 3.456   | 1.036 #   |
| -----                       |       |       |         |         |         |           |

Data Path : P:\HPCHEM1\ECD\_0\Data\P0041218\  
Data File : P0043840.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Apr 2018 21:35  
Operator : SM/UA  
Sample : J2319-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 13 01:02:18 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\P0040418.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 04 15:17:57 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 |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

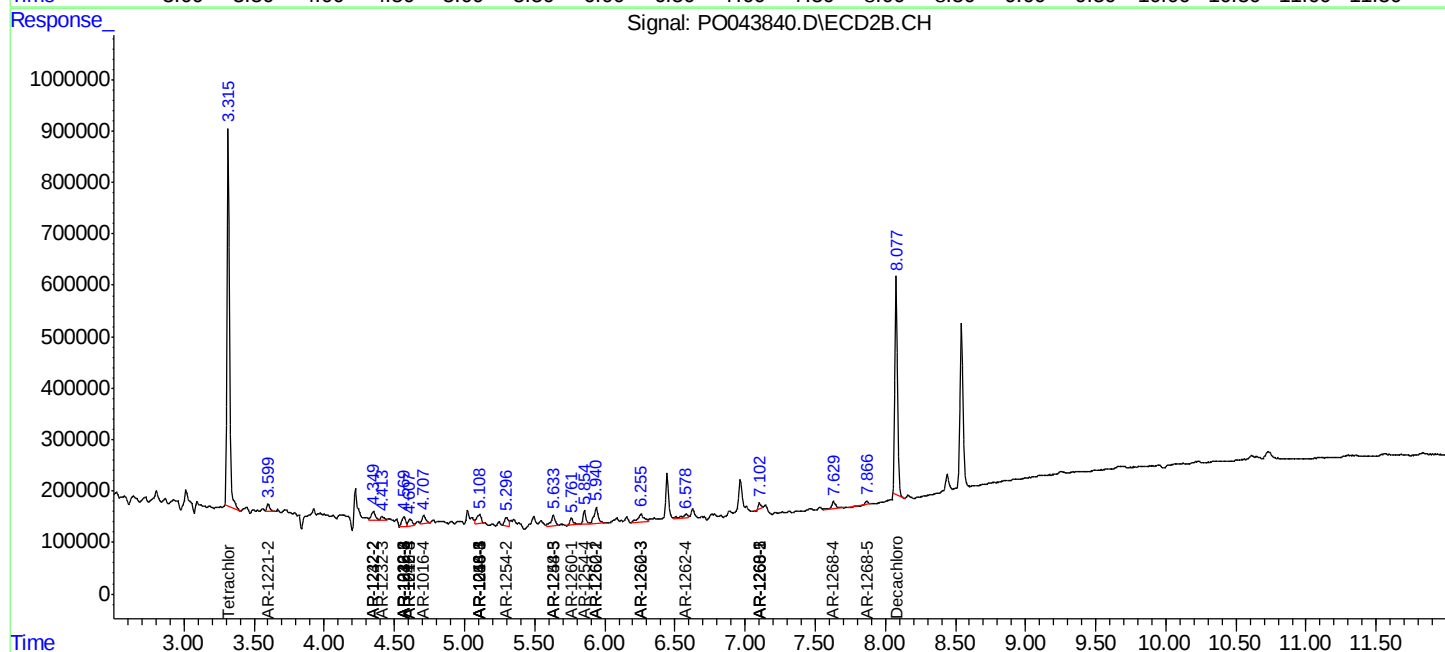
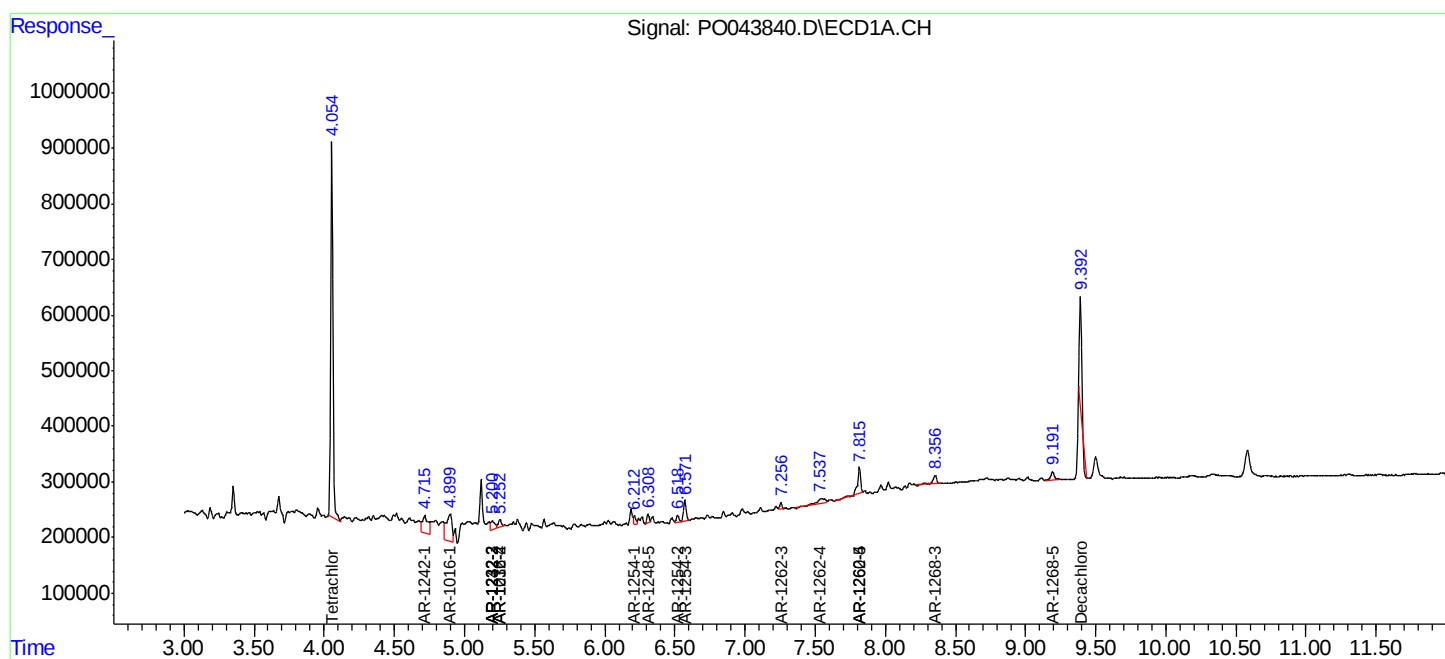
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

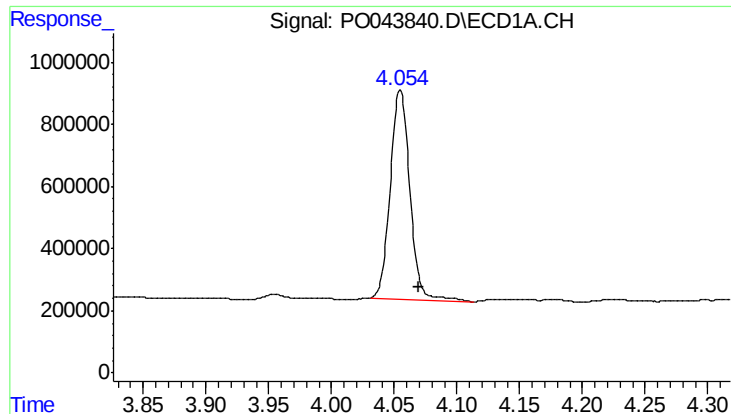
Data Path : P:\HPCHEM1\ECD\_0\Data\PO041218\  
Data File : PO043840.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Apr 2018 21:35  
Operator : SM/UA  
Sample : J2319-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
DRUM-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 13 01:02:18 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO040418.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 04 15:17:57 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

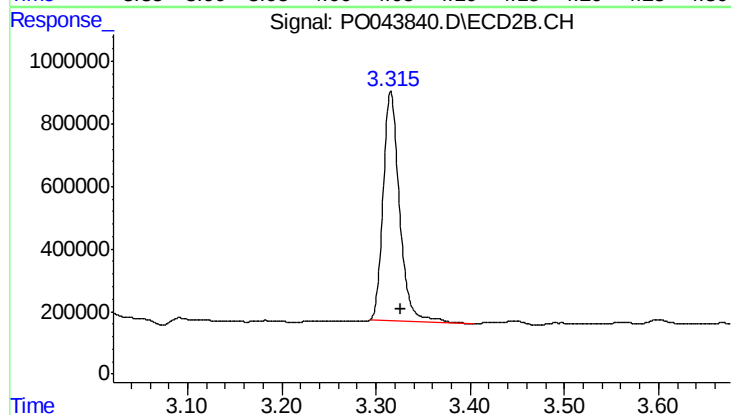




#1 Tetrachloro-m-xylene

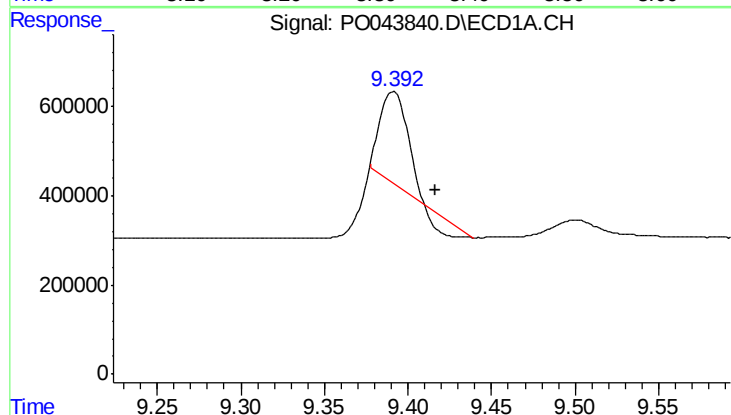
R.T.: 4.055 min  
Delta R.T.: -0.015 min  
Response: 7361510  
Conc: 41.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



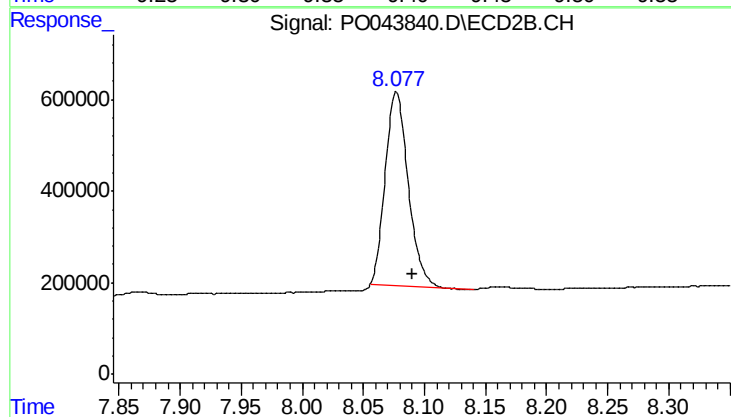
#1 Tetrachloro-m-xylene

R.T.: 3.316 min  
Delta R.T.: -0.011 min  
Response: 8900701  
Conc: 33.13 ng/ml



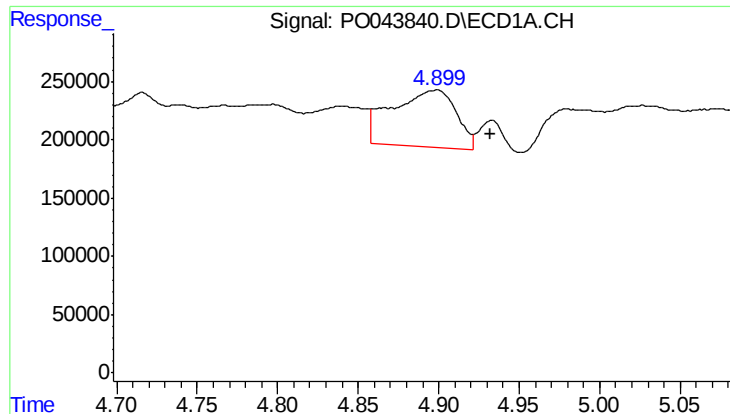
#2 Decachlorobiphenyl

R.T.: 9.391 min  
Delta R.T.: -0.026 min  
Response: 1932655  
Conc: 10.72 ng/ml



#2 Decachlorobiphenyl

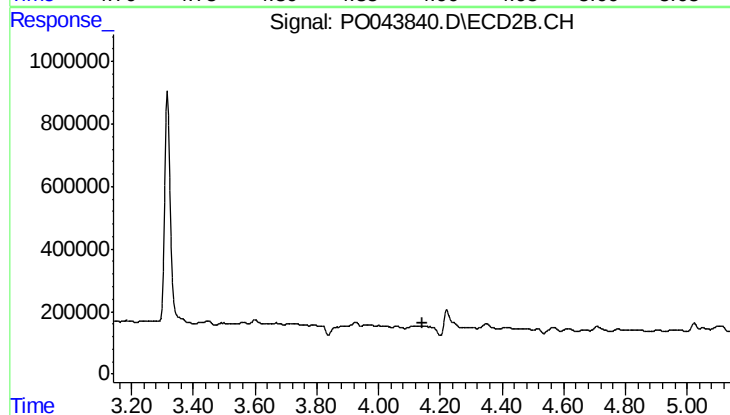
R.T.: 8.077 min  
Delta R.T.: -0.013 min  
Response: 5531621  
Conc: 23.59 ng/ml



#3 AR-1016-1

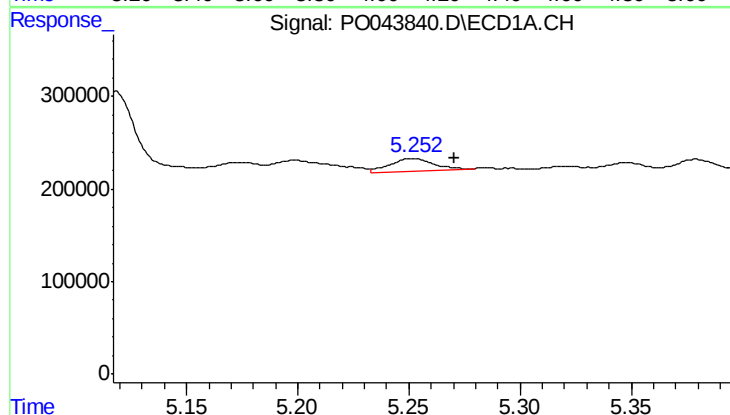
R.T.: 4.898 min  
Delta R.T.: -0.034 min  
Response: 1375729  
Conc: 312.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



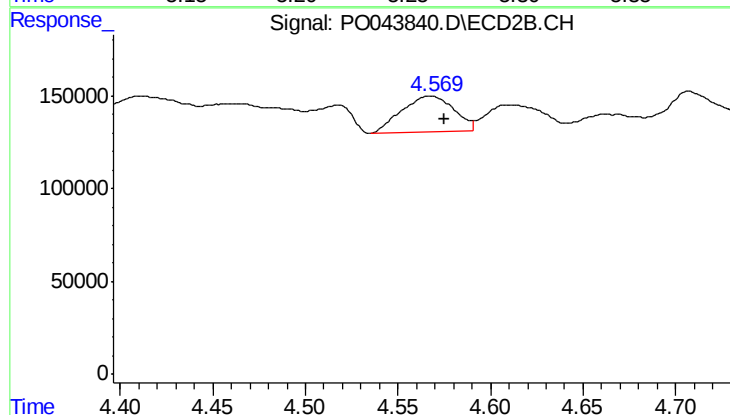
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T.: 4.141 min  
Response: 0  
Conc: N.D.



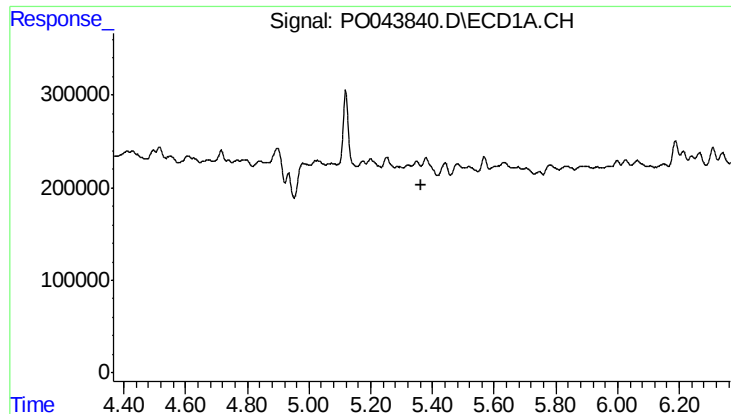
#4 AR-1016-2

R.T.: 5.252 min  
Delta R.T.: -0.019 min  
Response: 188164  
Conc: 31.78 ng/ml



#4 AR-1016-2

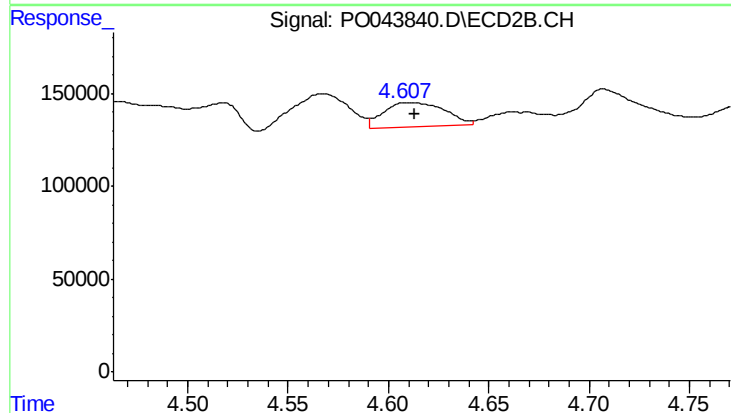
R.T.: 4.567 min  
Delta R.T.: -0.007 min  
Response: 378176  
Conc: 64.90 ng/ml



#5 AR-1016-3

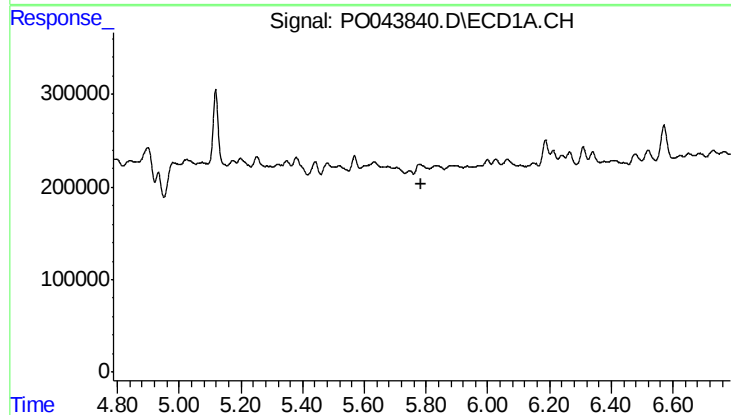
R.T.: 0.000 min  
Exp R.T.: 5.366 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



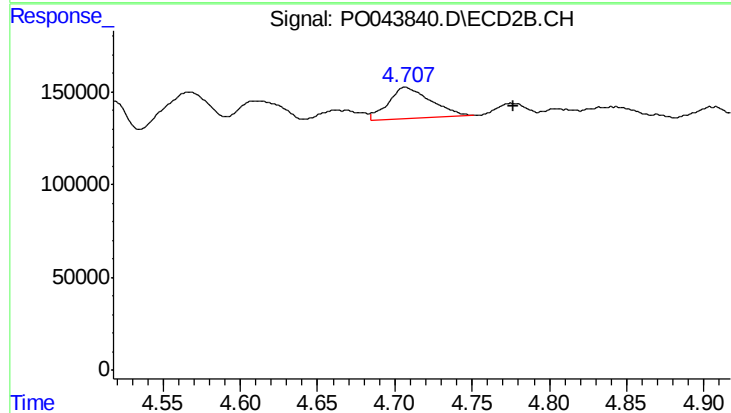
#5 AR-1016-3

R.T.: 4.610 min  
Delta R.T.: -0.003 min  
Response: 269220  
Conc: 38.16 ng/ml



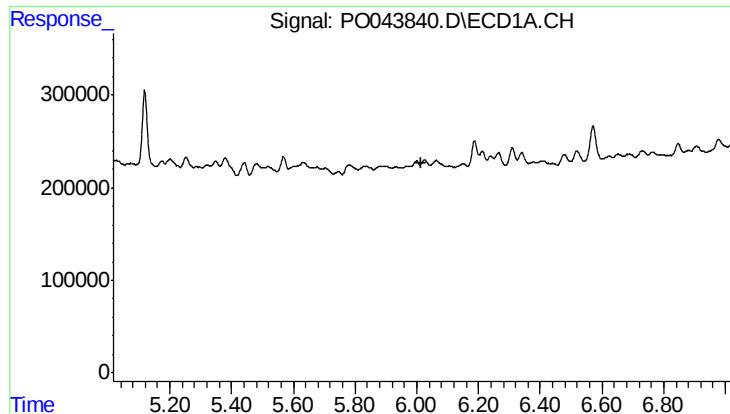
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.786 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

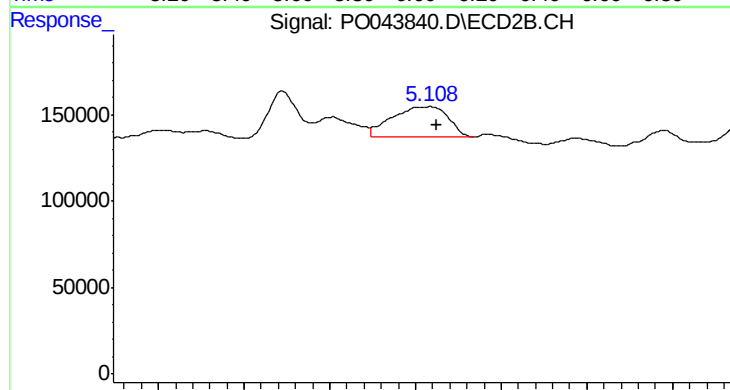
R.T.: 4.707 min  
Delta R.T.: -0.070 min  
Response: 316169  
Conc: 40.96 ng/ml



#7 AR-1016-5

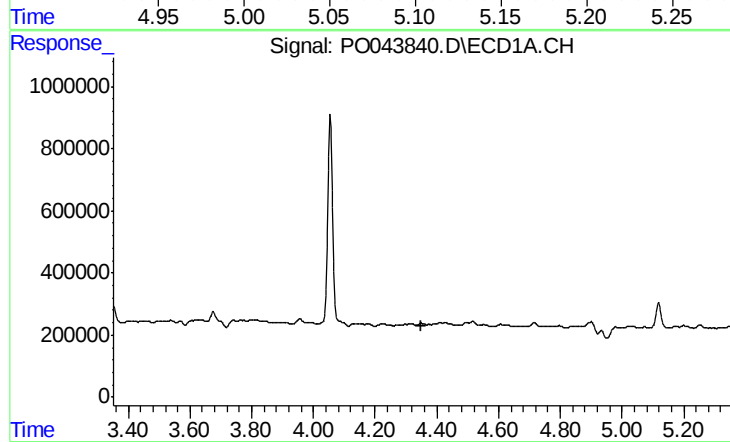
R.T.: 0.000 min  
Exp R.T.: 6.016 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



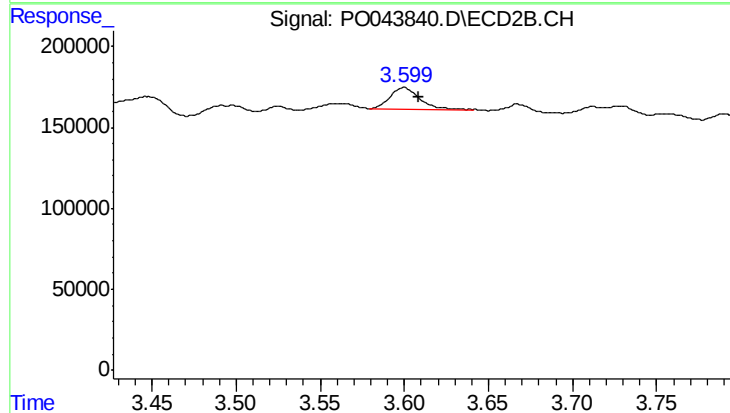
#7 AR-1016-5

R.T.: 5.108 min  
Delta R.T.: -0.004 min  
Response: 402116  
Conc: 54.00 ng/ml



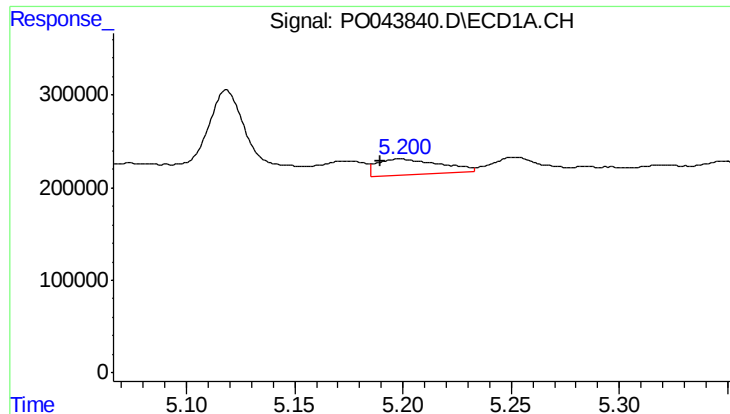
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.351 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

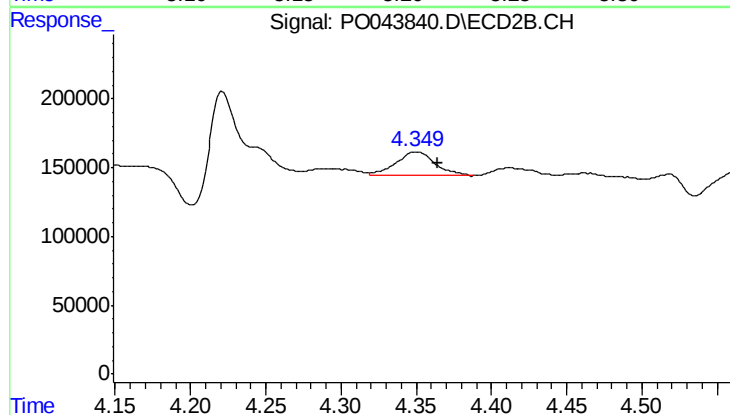
R.T.: 3.600 min  
Delta R.T.: -0.009 min  
Response: 161523  
Conc: 46.09 ng/ml



#12 AR-1232-2

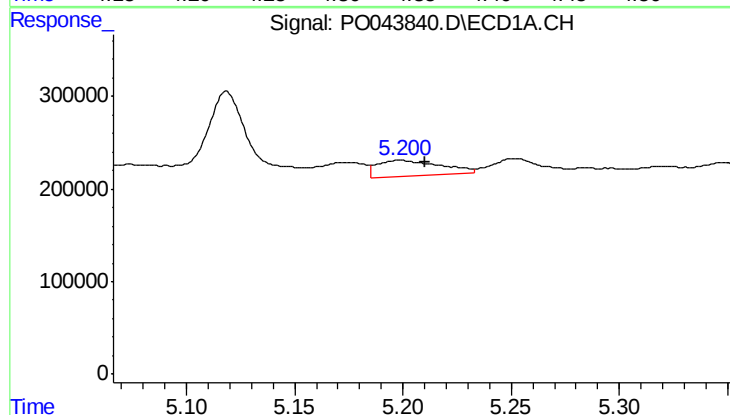
R.T.: 5.199 min  
Delta R.T.: 0.009 min  
Response: 338679  
Conc: 116.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



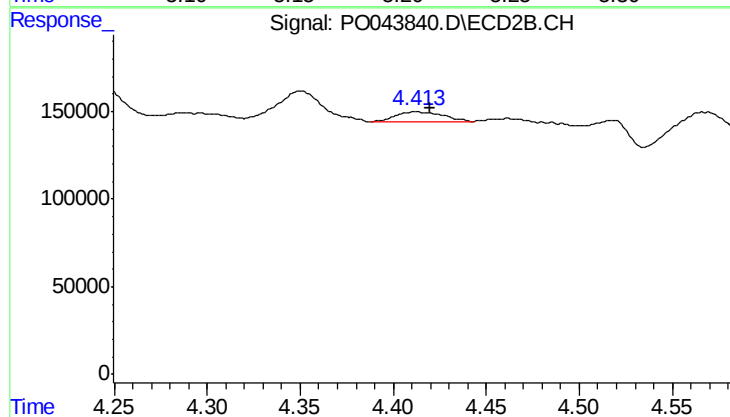
#12 AR-1232-2

R.T.: 4.350 min  
Delta R.T.: -0.014 min  
Response: 314046  
Conc: 26.29 ng/ml



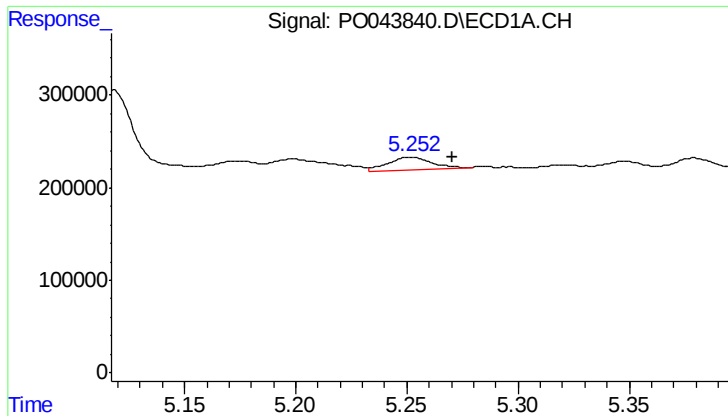
#13 AR-1232-3

R.T.: 5.199 min  
Delta R.T.: -0.011 min  
Response: 338679  
Conc: 70.57 ng/ml



#13 AR-1232-3

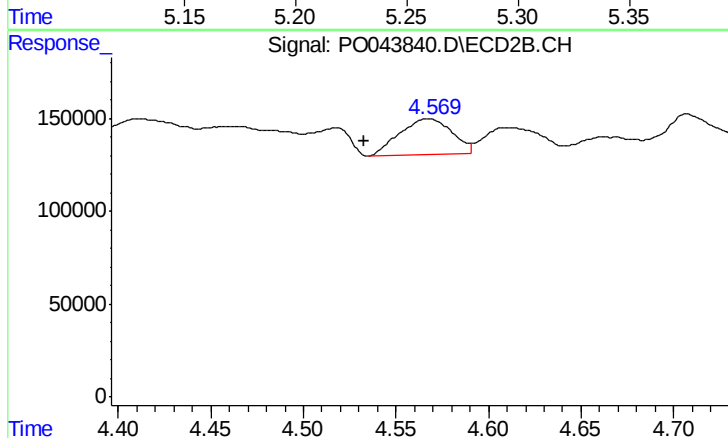
R.T.: 4.412 min  
Delta R.T.: -0.008 min  
Response: 102805  
Conc: 19.77 ng/ml



#14 AR-1232-4

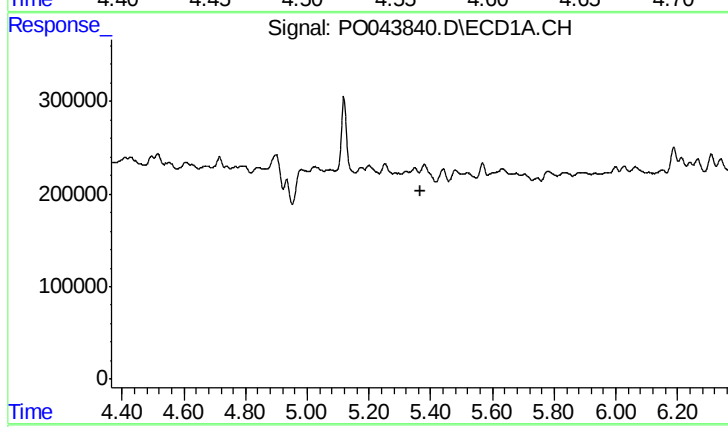
R.T.: 5.252 min  
Delta R.T.: -0.019 min  
Response: 188164  
Conc: 67.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



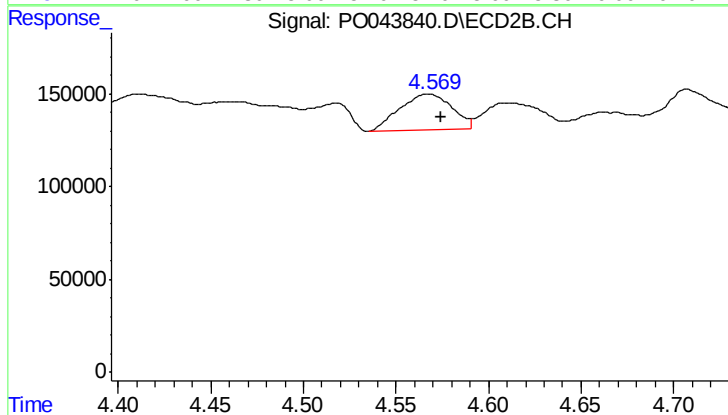
#14 AR-1232-4

R.T.: 4.567 min  
Delta R.T.: 0.035 min  
Response: 378176  
Conc: 93.63 ng/ml



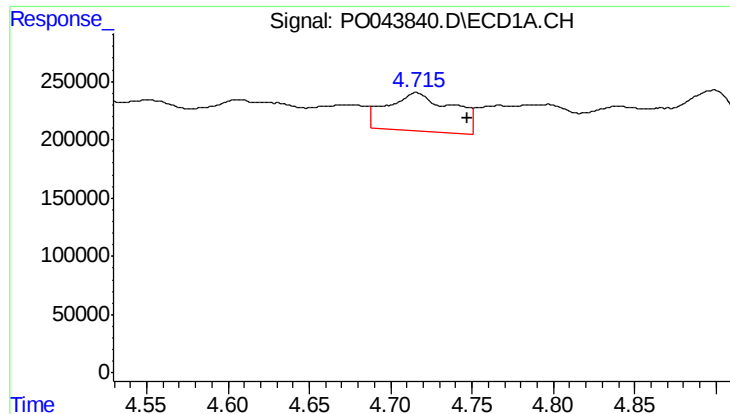
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 5.365 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

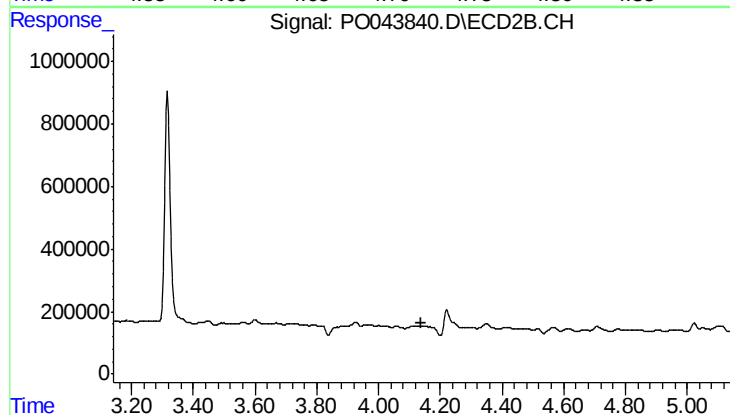
R.T.: 4.567 min  
Delta R.T.: -0.007 min  
Response: 378176  
Conc: 128.84 ng/ml



#16 AR-1242-1

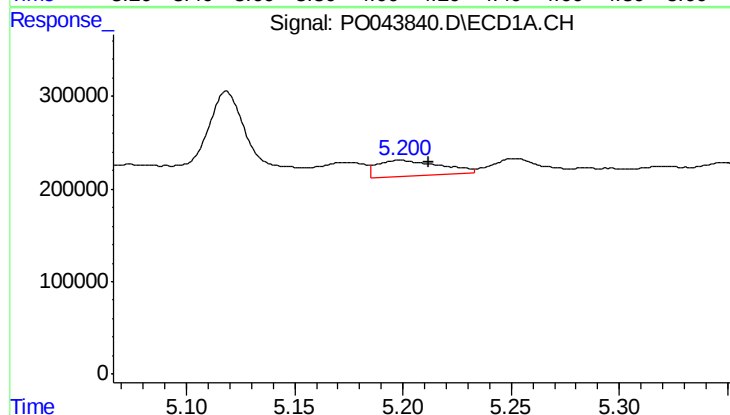
R.T.: 4.716 min  
Delta R.T.: -0.031 min  
Response: 925779  
Conc: 268.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



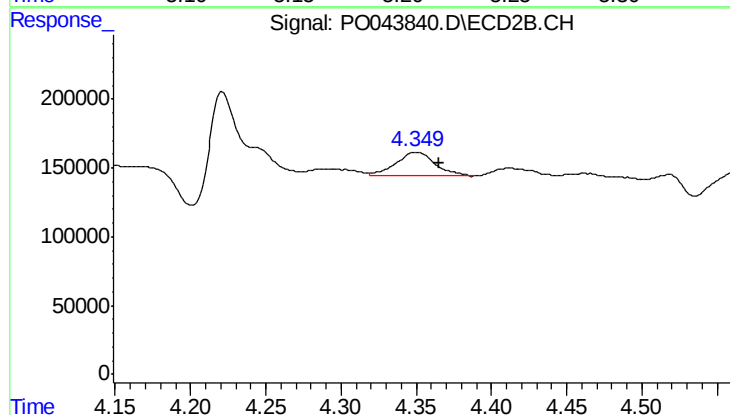
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 4.141 min  
Response: 0  
Conc: N.D.



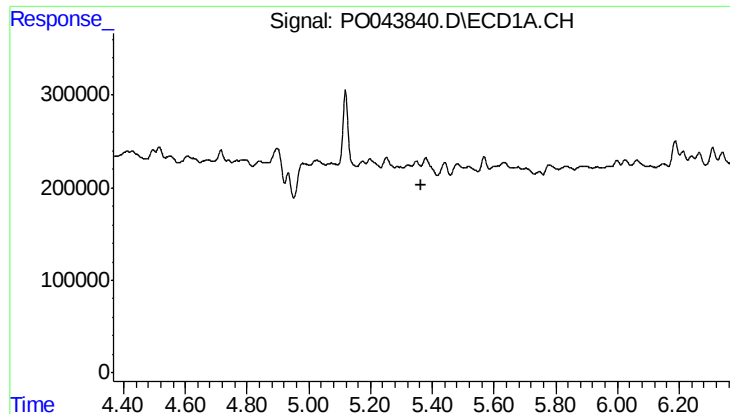
#17 AR-1242-2

R.T.: 5.199 min  
Delta R.T.: -0.013 min  
Response: 338679  
Conc: 42.40 ng/ml



#17 AR-1242-2

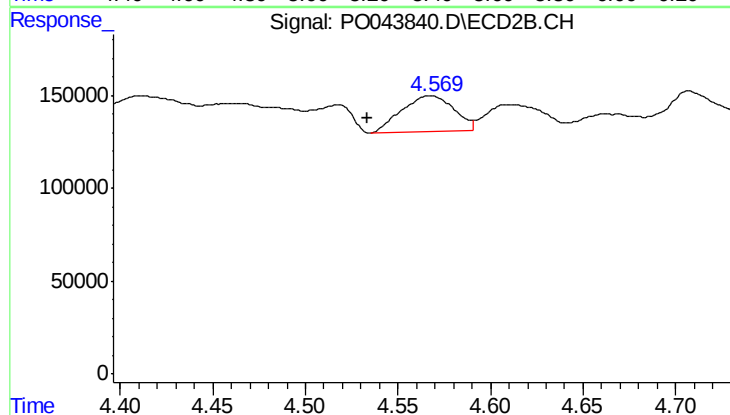
R.T.: 4.350 min  
Delta R.T.: -0.015 min  
Response: 314046  
Conc: 15.26 ng/ml



#18 AR-1242-3

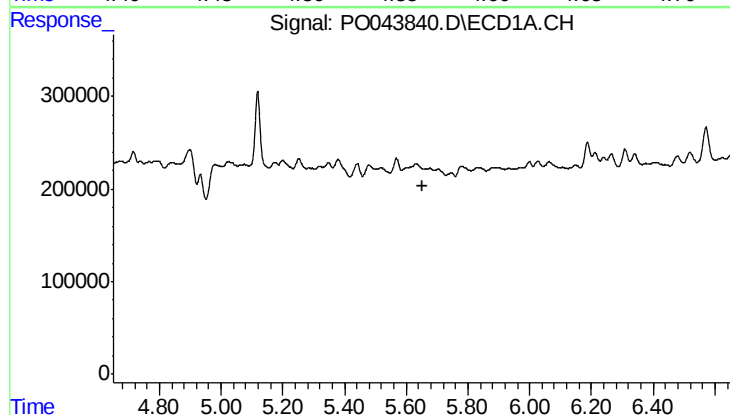
R.T.: 0.000 min  
Exp R.T.: 5.366 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



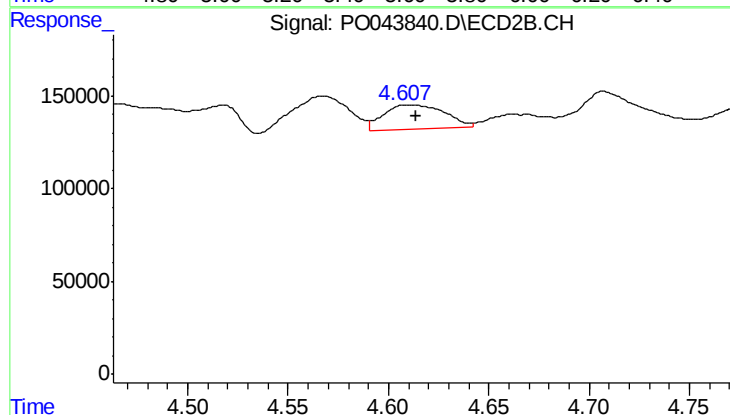
#18 AR-1242-3

R.T.: 4.567 min  
Delta R.T.: 0.034 min  
Response: 378176  
Conc: 59.64 ng/ml



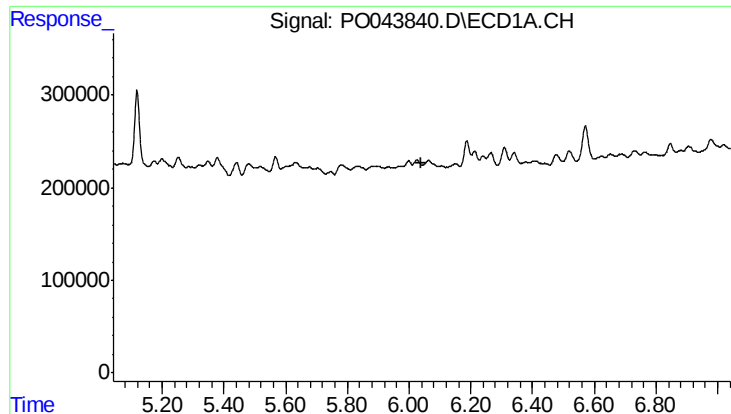
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.651 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

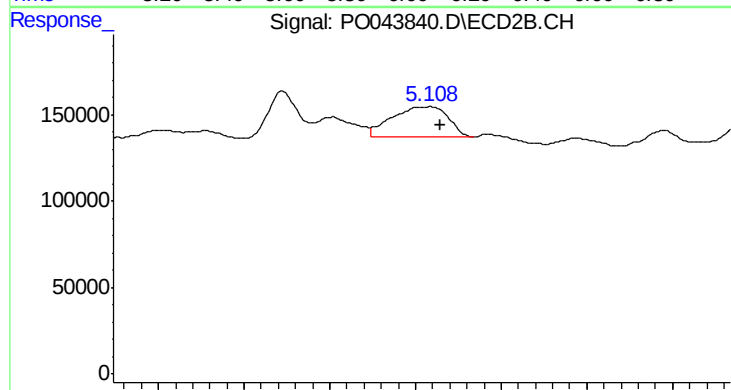
R.T.: 4.610 min  
Delta R.T.: -0.003 min  
Response: 269220  
Conc: 44.09 ng/ml



#23 AR-1248-3

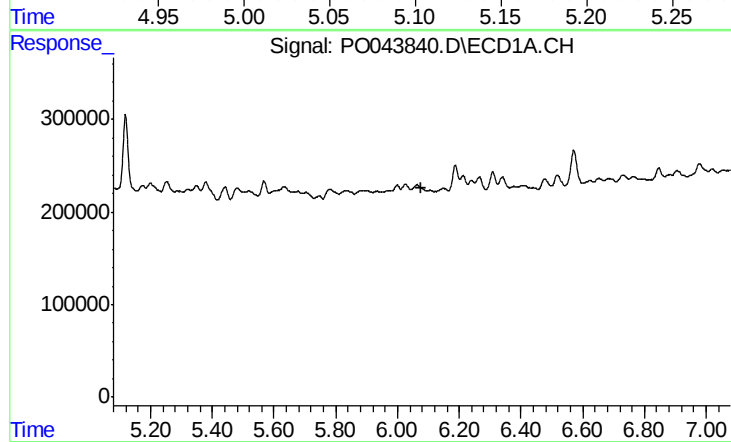
R.T.: 0.000 min  
Exp R.T.: 6.042 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



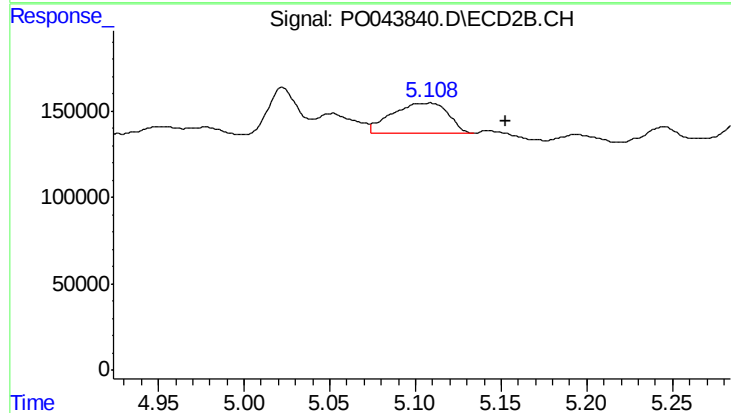
#23 AR-1248-3

R.T.: 5.108 min  
Delta R.T.: -0.006 min  
Response: 402116  
Conc: 22.91 ng/ml



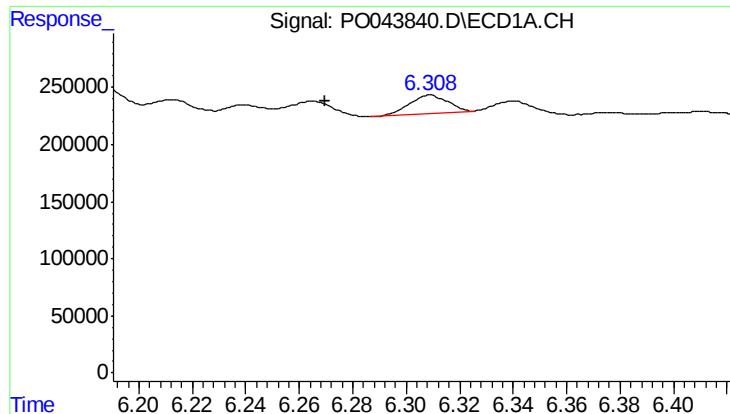
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.079 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

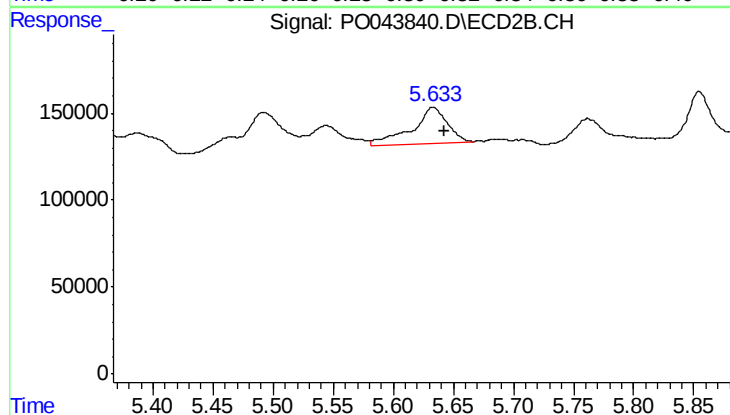
R.T.: 5.108 min  
Delta R.T.: -0.044 min  
Response: 402116  
Conc: 28.67 ng/ml



#25 AR-1248-5

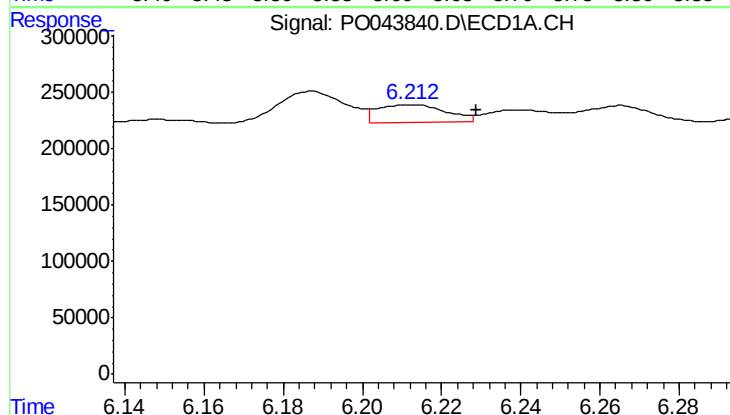
R.T.: 6.309 min  
Delta R.T.: 0.039 min  
Response: 159485  
Conc: 28.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



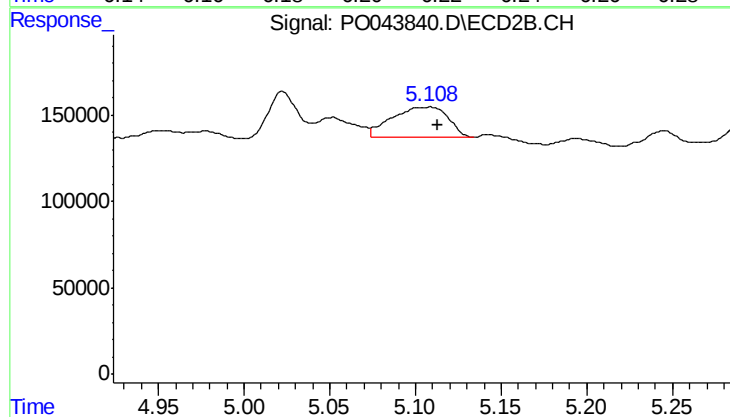
#25 AR-1248-5

R.T.: 5.633 min  
Delta R.T.: -0.010 min  
Response: 425378  
Conc: 43.64 ng/ml



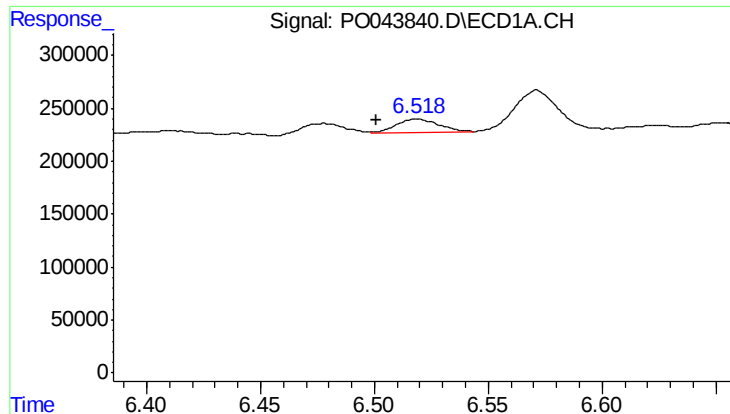
#26 AR-1254-1

R.T.: 6.212 min  
Delta R.T.: -0.016 min  
Response: 189827  
Conc: 12.66 ng/ml



#26 AR-1254-1

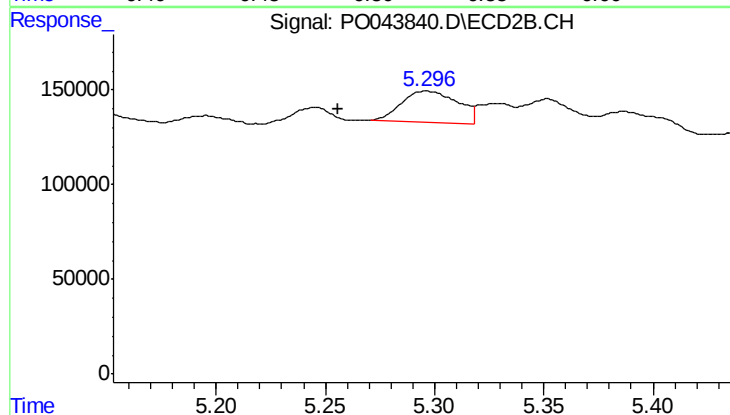
R.T.: 5.108 min  
Delta R.T.: -0.005 min  
Response: 402116  
Conc: 18.48 ng/ml



#27 AR-1254-2

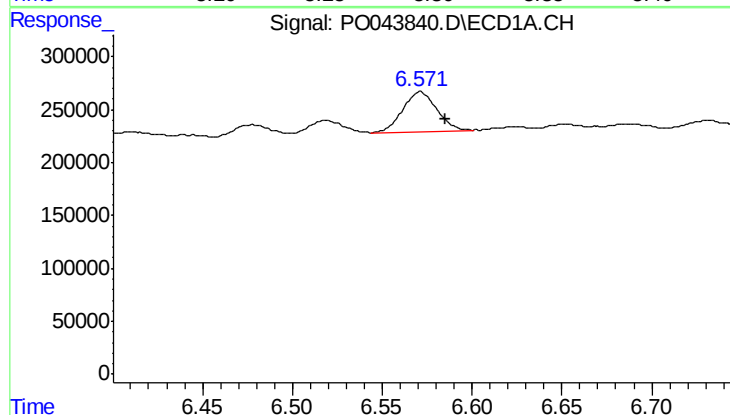
R.T.: 6.519 min  
Delta R.T.: 0.018 min  
Response: 155242  
Conc: 16.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



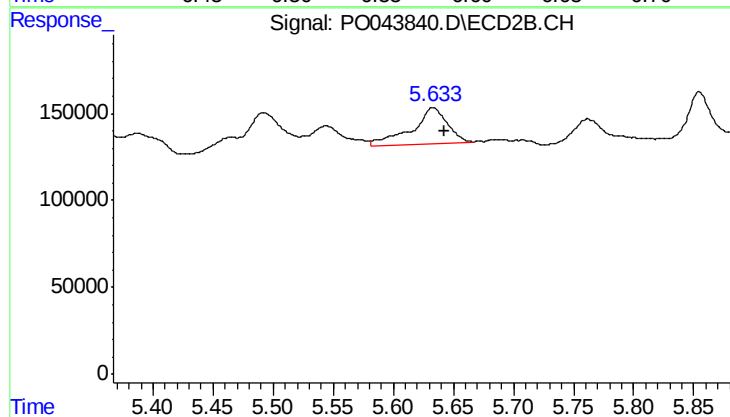
#27 AR-1254-2

R.T.: 5.296 min  
Delta R.T.: 0.040 min  
Response: 299731  
Conc: 15.46 ng/ml



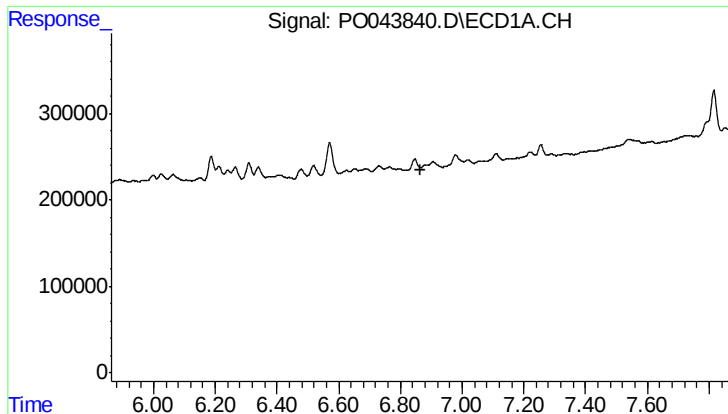
#28 AR-1254-3

R.T.: 6.571 min  
Delta R.T.: -0.014 min  
Response: 494419  
Conc: 29.96 ng/ml



#28 AR-1254-3

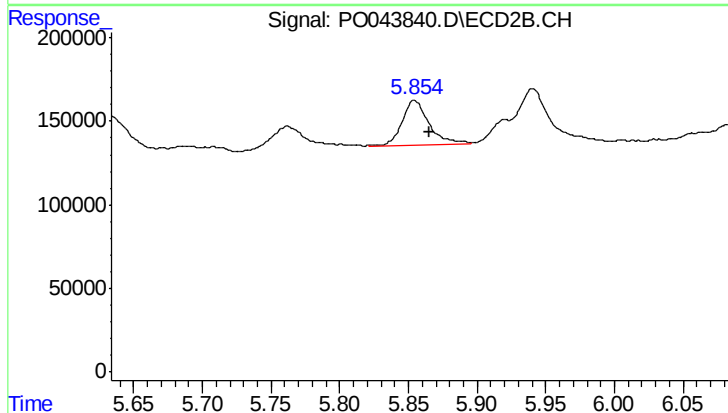
R.T.: 5.633 min  
Delta R.T.: -0.009 min  
Response: 425378  
Conc: 13.44 ng/ml



#29 AR-1254-4

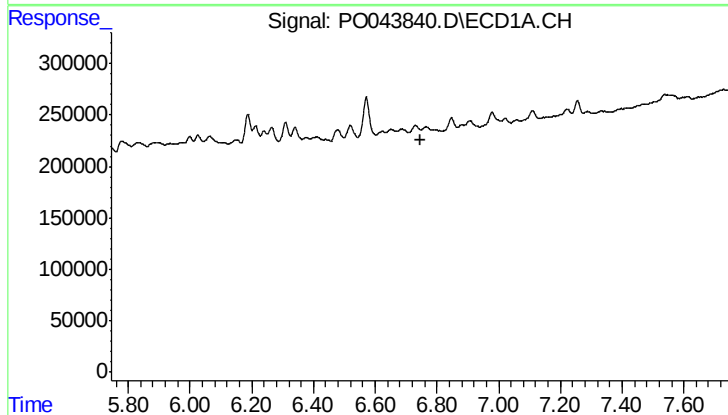
R.T.: 0.000 min  
Exp R.T.: 6.864 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



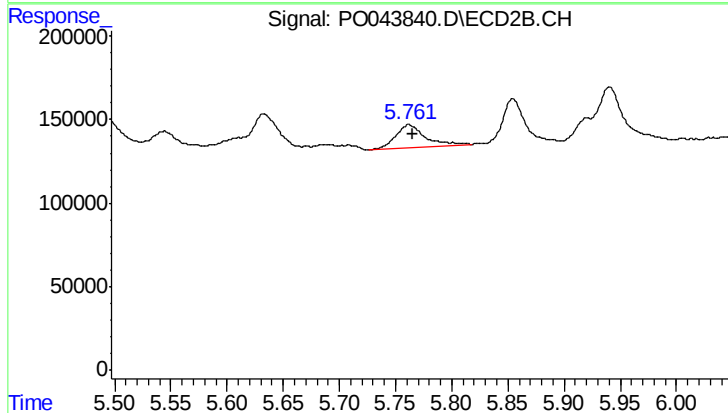
#29 AR-1254-4

R.T.: 5.854 min  
Delta R.T.: -0.011 min  
Response: 367029  
Conc: 14.87 ng/ml



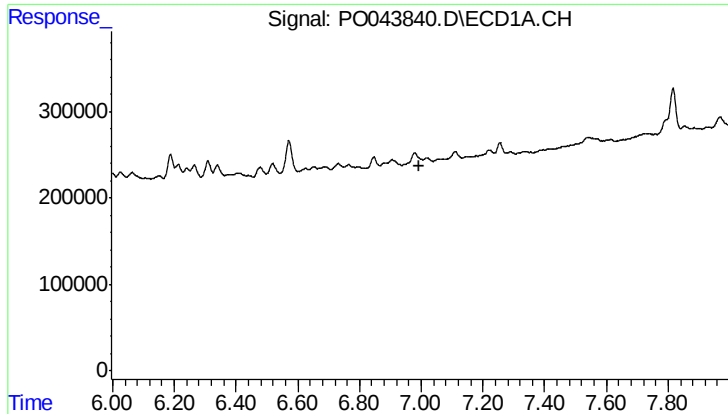
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

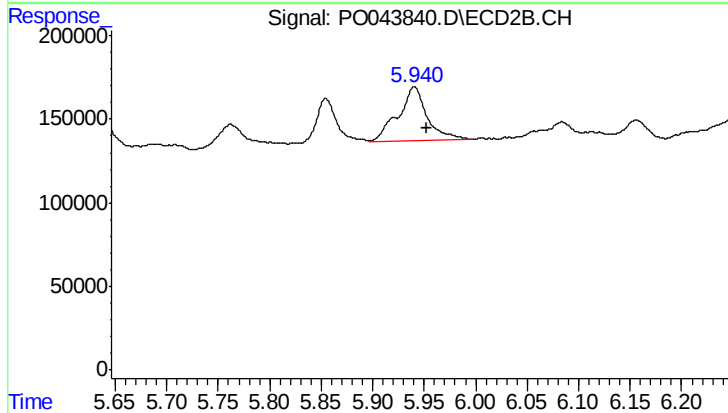
R.T.: 5.762 min  
Delta R.T.: -0.004 min  
Response: 245133  
Conc: 14.67 ng/ml



#32 AR-1260-2

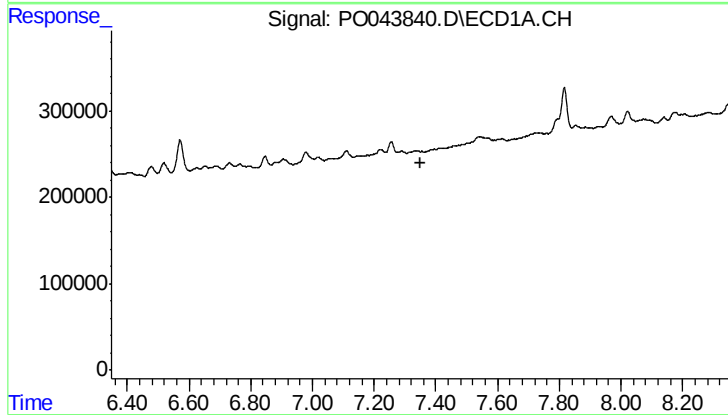
R.T.: 0.000 min  
Exp R.T.: 6.996 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DRUM-1



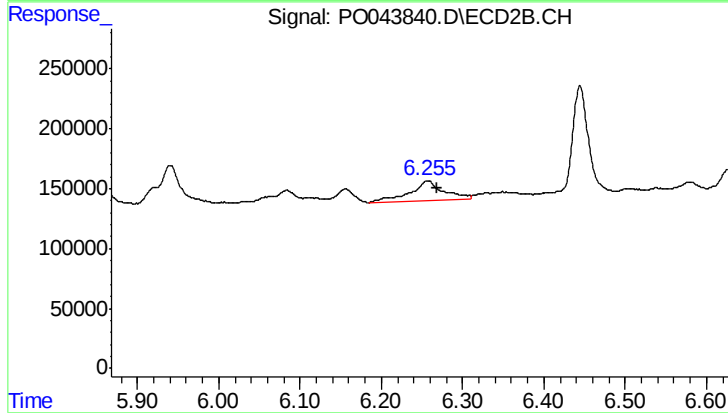
#32 AR-1260-2

R.T.: 5.940 min  
Delta R.T.: -0.012 min  
Response: 645823  
Conc: 30.52 ng/ml



#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.349 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

R.T.: 6.257 min  
Delta R.T.: -0.011 min  
Response: 485401  
Conc: 22.04 ng/ml