

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030519\  
 Data File : P0054238.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 05 Mar 2019 19:32  
 Operator : SM/SJ  
 Sample : K1728-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 RICH-REC-ROAD-STONE-11

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 05 23:45:49 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0030419.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 05 06:51:55 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... | 4.032 | 3.118 | 88990965 | 6723221 | 16.004  | 21.399 #  |
| 2)                          | SA Decachlor... | 9.355 | 7.688 | 25252691 | 5082690 | 17.008  | 15.891    |
| Target Compounds            |                 |       |       |          |         |         |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.092 | 0        | 371377  | N.D.    | 30.486 #  |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.092 | 0        | 371377  | N.D.    | 19.446 #  |
| 5)                          | L1 AR-1016-3    | 5.277 | 4.250 | 21451    | 396930  | 0.211   | 38.363 #  |
| 6)                          | L1 AR-1016-4    | 5.301 | 4.336 | 4787214  | 511603  | 58.244  | 64.630    |
| 7)                          | L1 AR-1016-5    | 5.574 | 4.429 | 7656149  | 1814752 | 109.424 | 173.436 # |
| 10)                         | L2 AR-1221-3    | 0.000 | 3.490 | 0        | 1711956 | N.D.    | 123.741 # |
| 11)                         | L3 AR-1232-1    | 0.000 | 3.490 | 0        | 1711956 | N.D.    | 306.779 # |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.092 | 0        | 371377  | N.D.    | 48.980 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.250 | 0        | 396930  | N.D.    | 107.074 # |
| 14)                         | L3 AR-1232-4    | 5.301 | 4.336 | 4787214  | 511603  | 168.932 | 169.963   |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.429 | 0        | 1814752 | N.D.    | 509.209 # |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.092 | 0        | 371377  | N.D.    | 45.158 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.092 | 0        | 371377  | N.D.    | 28.241 #  |
| 18)                         | L4 AR-1242-3    | 5.277 | 4.250 | 21451    | 396930  | 0.316   | 56.551 #  |
| 19)                         | L4 AR-1242-4    | 5.301 | 4.336 | 4787214  | 511603  | 84.191  | 79.059    |
| 20)                         | L4 AR-1242-5    | 6.058 | 4.812 | 2643679  | 1735341 | 48.875  | 193.446 # |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.092 | 0        | 371377  | N.D.    | 52.907 #  |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.336 | 0        | 511603  | N.D.    | 52.895 #  |
| 23)                         | L5 AR-1248-3    | 5.574 | 4.336 | 7656149  | 511603  | 87.629  | 51.972 #  |
| 24)                         | L5 AR-1248-4    | 5.999 | 4.429 | 12007967 | 1814752 | 129.362 | 145.690   |
| 25)                         | L5 AR-1248-5    | 6.058 | 4.812 | 2643679  | 1735341 | 28.955  | 133.473 # |
| 26)                         | L6 AR-1254-1    | 5.999 | 4.812 | 12007967 | 1735341 | 151.901 | 98.817 #  |
| 27)                         | L6 AR-1254-2    | 6.210 | 4.937 | 8890941  | 1045013 | 73.405  | 71.310    |
| 28)                         | L6 AR-1254-3    | 6.556 | 5.310 | 3766355  | 504671  | 30.889  | 20.936 #  |
| 29)                         | L6 AR-1254-4    | 6.821 | 5.532 | 2829973  | 312216  | 32.208  | 19.506 #  |
| 30)                         | L6 AR-1254-5    | 7.248 | 5.915 | 1235632  | 897721  | 15.517  | 51.709 #  |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.431 | 0        | 547154  | N.D.    | 26.990 #  |
| 32)                         | L7 AR-1260-2    | 6.954 | 5.631 | 7683474  | 1820943 | 65.274  | 74.635    |
| 33)                         | L7 AR-1260-3    | 7.248 | 0.000 | 1235632  | 0       | 17.064  | N.D. #    |
| 36)                         | L8 AR-1262-1    | 7.248 | 5.915 | 1235632  | 897721  | 9.871   | 36.338 #  |
| 38)                         | L8 AR-1262-3    | 0.000 | 6.735 | 0        | 919479  | N.D.    | 53.649 #  |
| 39)                         | L8 AR-1262-4    | 0.000 | 6.735 | 0        | 919479  | N.D.    | 30.250 #  |
| 41)                         | L9 AR-1268-1    | 0.000 | 6.735 | 0        | 919479  | N.D.    | 19.983 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 6.735 | 0        | 919479  | N.D.    | 21.294 #  |
| 45)                         | L9 AR-1268-5    | 0.000 | 7.486 | 0        | 483470  | N.D.    | 4.406 #   |
| -----                       |                 |       |       |          |         |         |           |

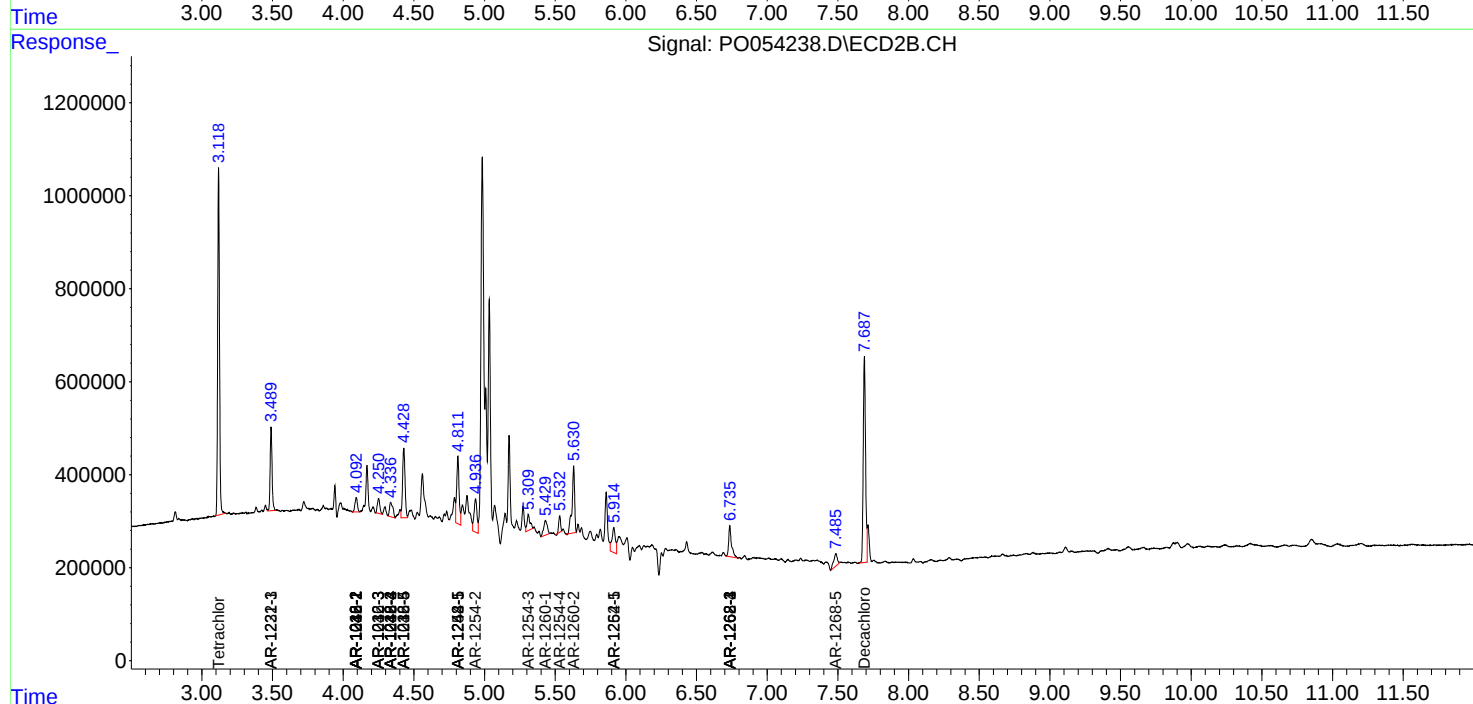
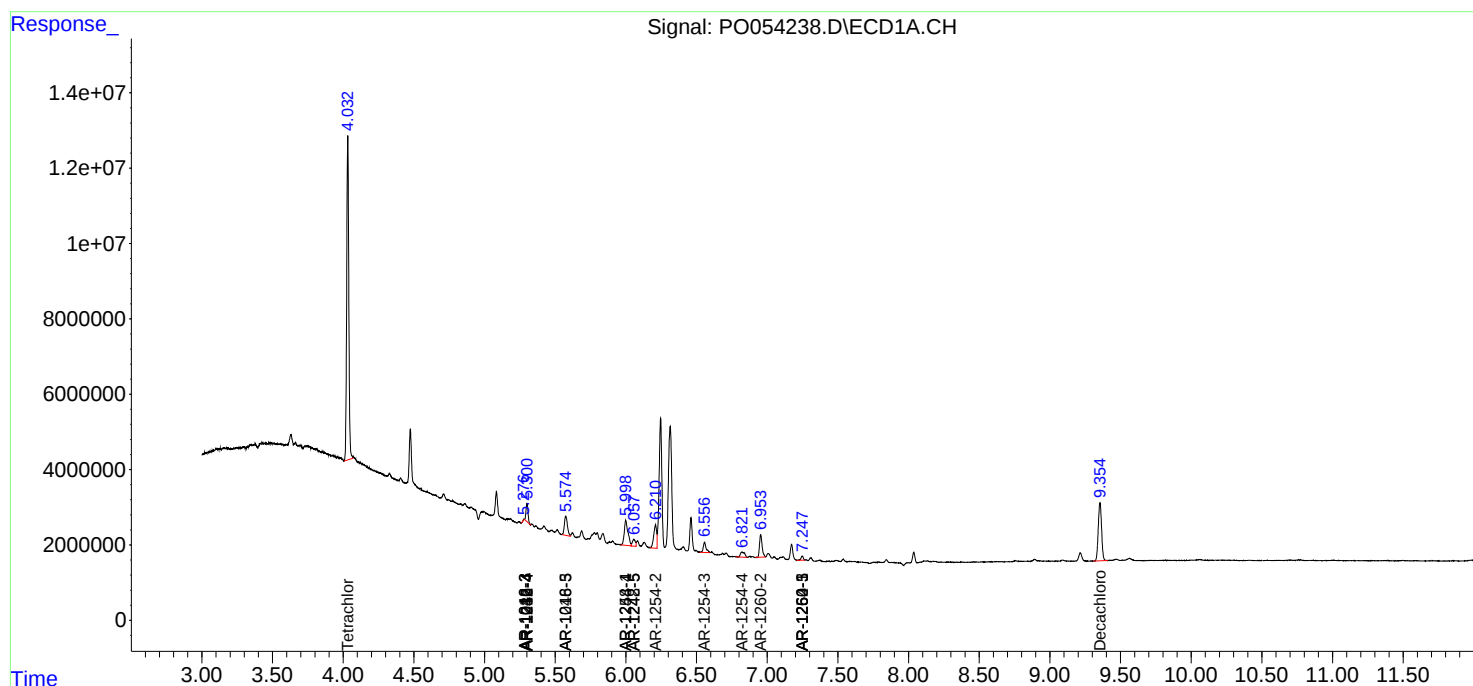
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

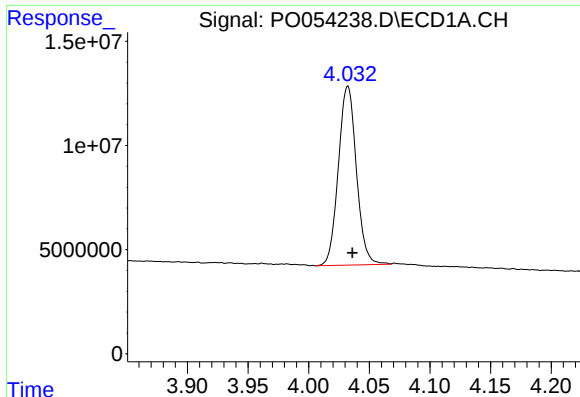
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030519\  
Data File : P0054238.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 05 Mar 2019 19:32  
Operator : SM/SJ  
Sample : K1728-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 05 23:45:49 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0030419.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 05 06:51:55 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

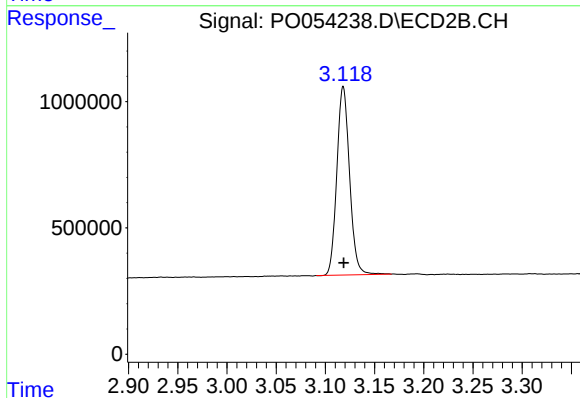




#1 Tetrachloro-m-xylene

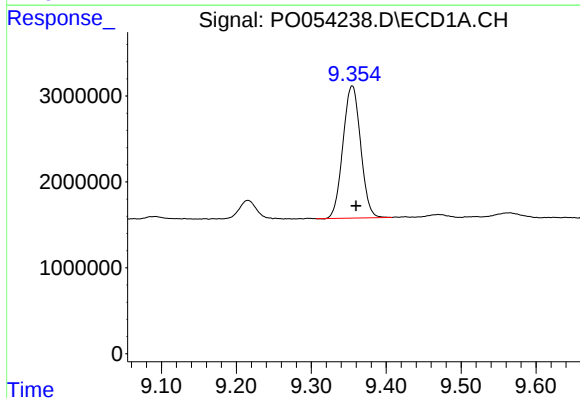
R.T.: 4.032 min  
Delta R.T.: -0.004 min  
Response: 88990965  
Conc: 16.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
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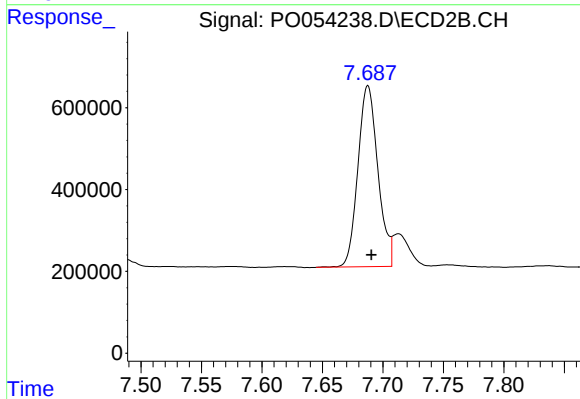
#1 Tetrachloro-m-xylene

R.T.: 3.118 min  
Delta R.T.: 0.000 min  
Response: 6723221  
Conc: 21.40 ng/ml



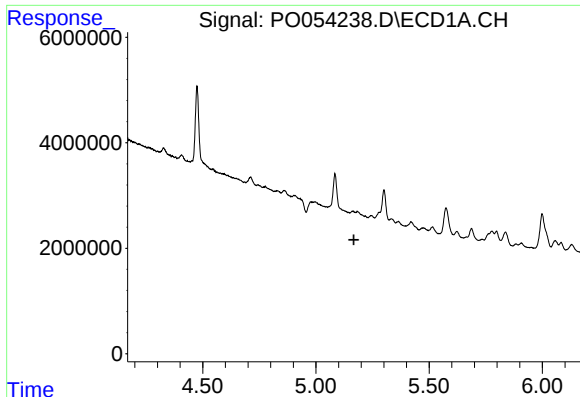
#2 Decachlorobiphenyl

R.T.: 9.355 min  
Delta R.T.: -0.005 min  
Response: 25252691  
Conc: 17.01 ng/ml



#2 Decachlorobiphenyl

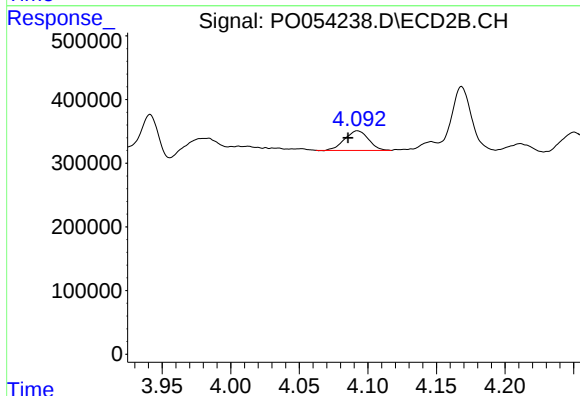
R.T.: 7.688 min  
Delta R.T.: -0.003 min  
Response: 5082690  
Conc: 15.89 ng/ml



#3 AR-1016-1

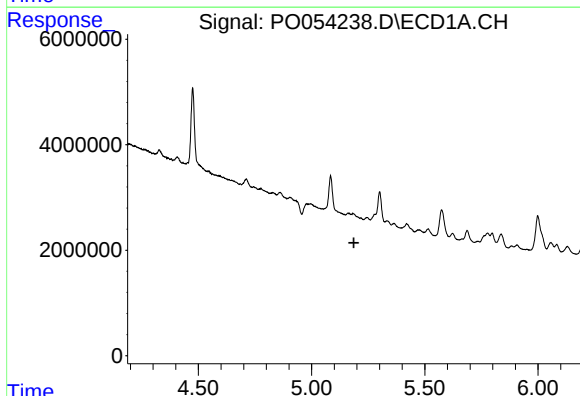
R.T.: 0.000 min  
Exp R.T.: 5.167 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



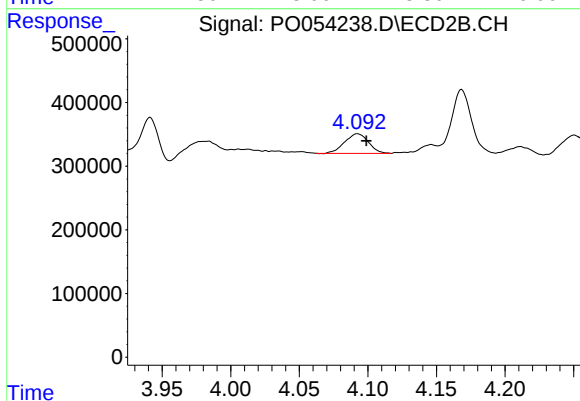
#3 AR-1016-1

R.T.: 4.092 min  
Delta R.T.: 0.007 min  
Response: 371377  
Conc: 30.49 ng/ml



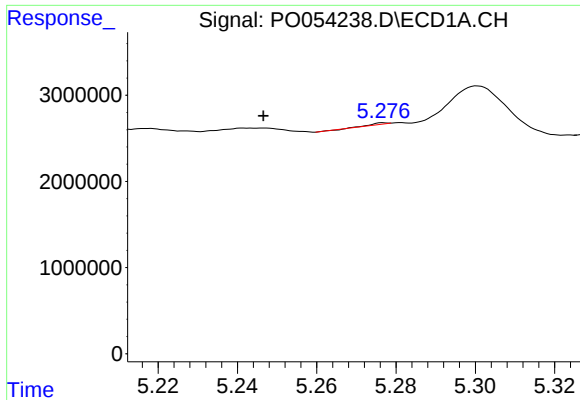
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.187 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

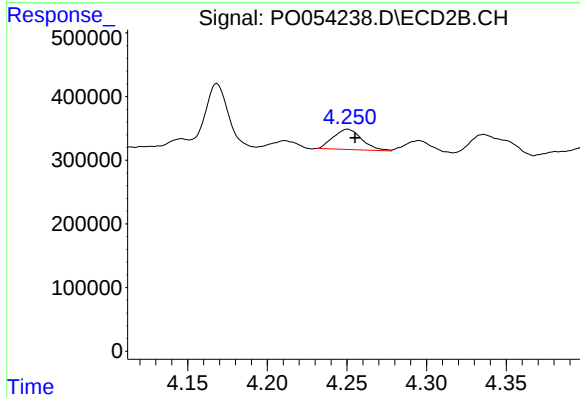
R.T.: 4.092 min  
Delta R.T.: -0.007 min  
Response: 371377  
Conc: 19.45 ng/ml



#5 AR-1016-3

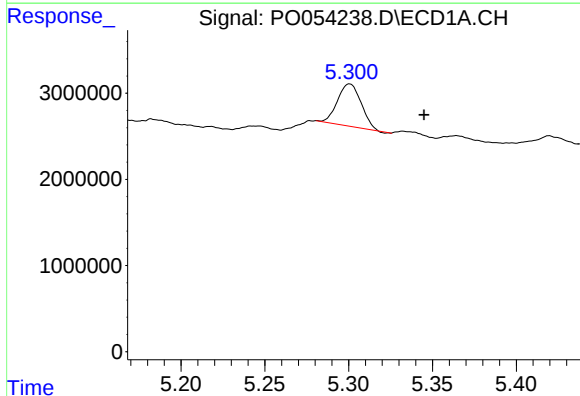
R.T.: 5.277 min  
Delta R.T.: 0.030 min  
Response: 21451  
Conc: 0.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



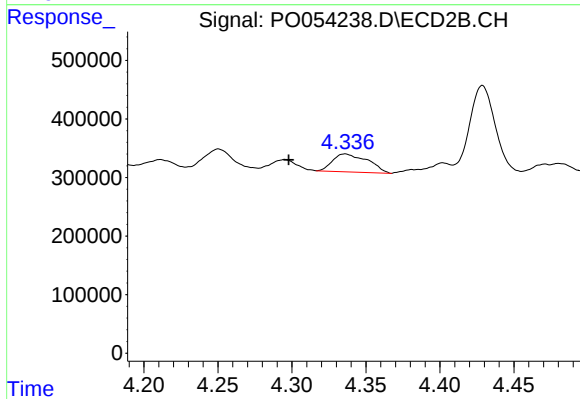
#5 AR-1016-3

R.T.: 4.250 min  
Delta R.T.: -0.005 min  
Response: 396930  
Conc: 38.36 ng/ml



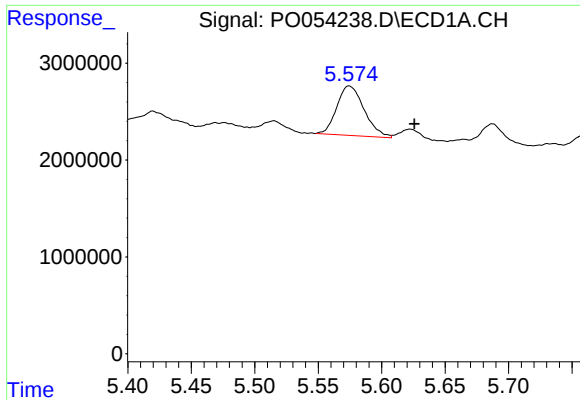
#6 AR-1016-4

R.T.: 5.301 min  
Delta R.T.: -0.044 min  
Response: 4787214  
Conc: 58.24 ng/ml



#6 AR-1016-4

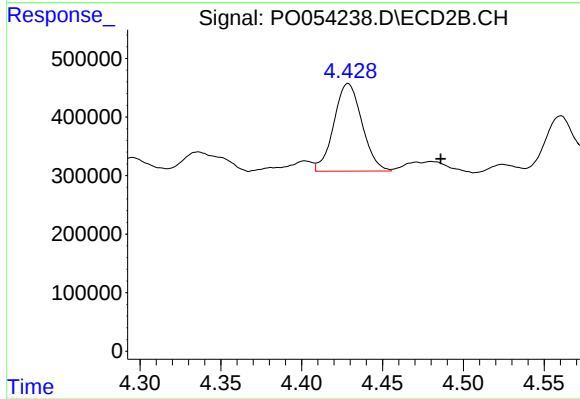
R.T.: 4.336 min  
Delta R.T.: 0.038 min  
Response: 511603  
Conc: 64.63 ng/ml



#7 AR-1016-5

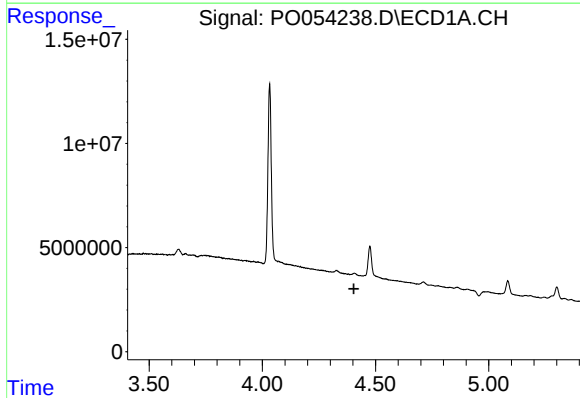
R.T.: 5.574 min  
Delta R.T.: -0.052 min  
Response: 7656149  
Conc: 109.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



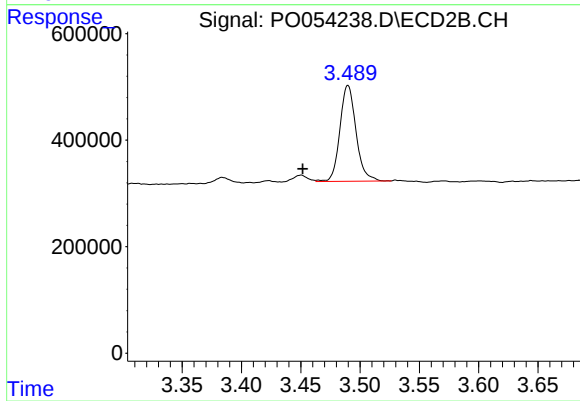
#7 AR-1016-5

R.T.: 4.429 min  
Delta R.T.: -0.057 min  
Response: 1814752  
Conc: 173.44 ng/ml



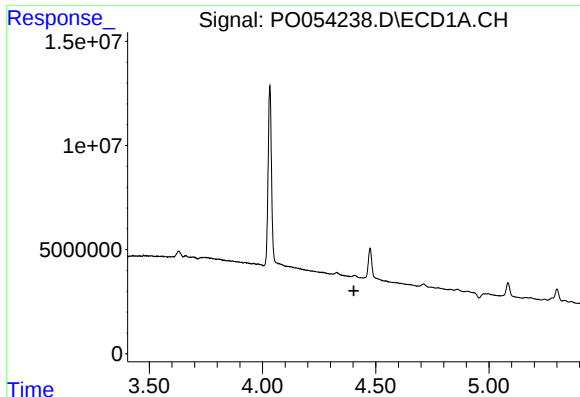
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.405 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

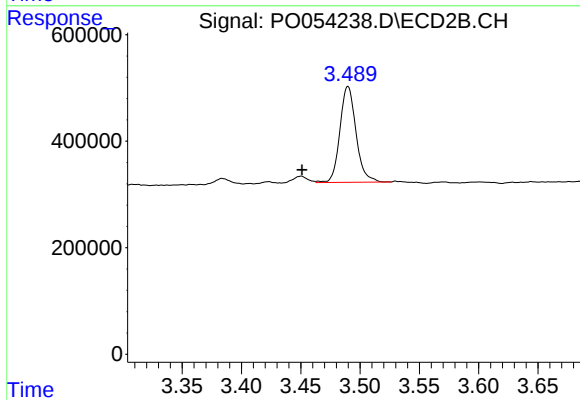
R.T.: 3.490 min  
Delta R.T.: 0.038 min  
Response: 1711956  
Conc: 123.74 ng/ml



#11 AR-1232-1

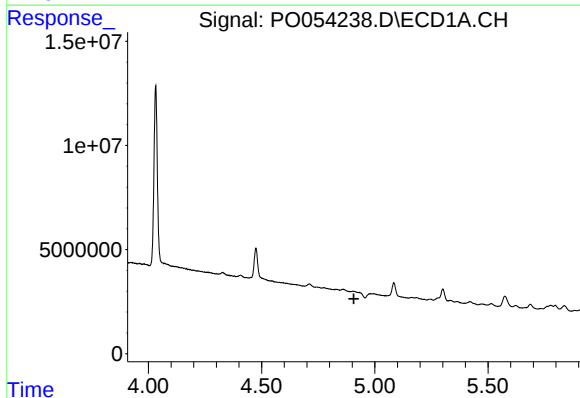
R.T.: 0.000 min  
Exp R.T.: 4.404 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



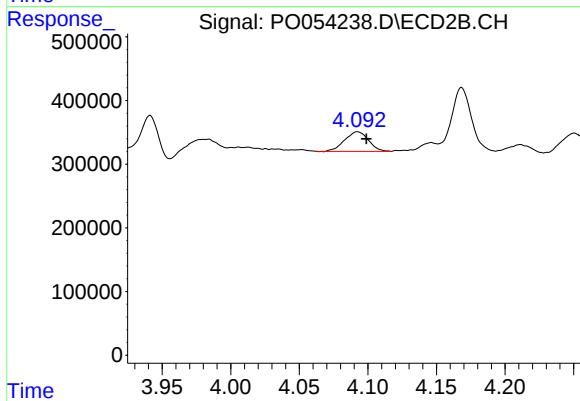
#11 AR-1232-1

R.T.: 3.490 min  
Delta R.T.: 0.039 min  
Response: 1711956  
Conc: 306.78 ng/ml



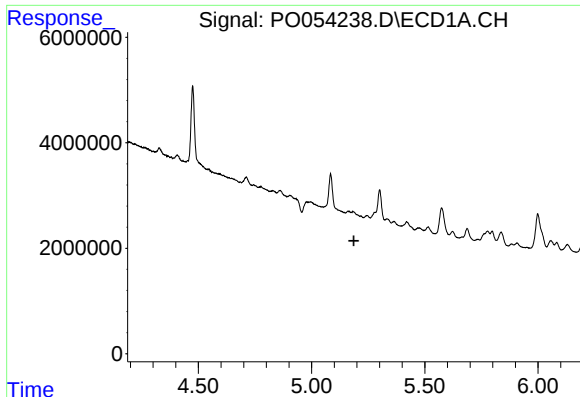
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 4.908 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

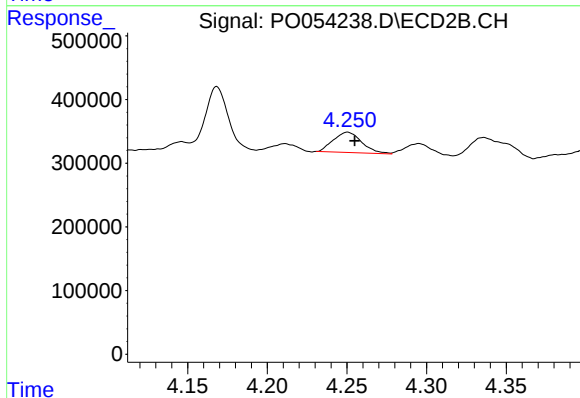
R.T.: 4.092 min  
Delta R.T.: -0.007 min  
Response: 371377  
Conc: 48.98 ng/ml



#13 AR-1232-3

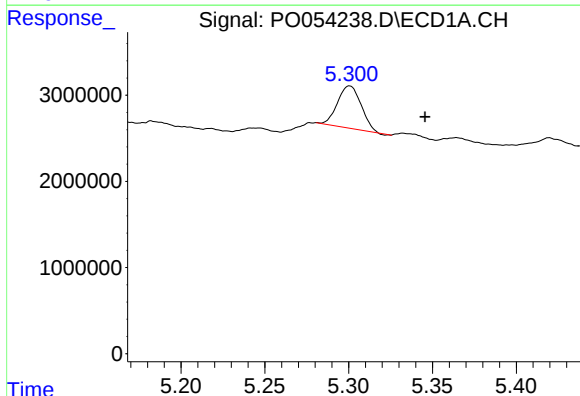
R.T.: 0.000 min  
Exp R.T.: 5.187 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



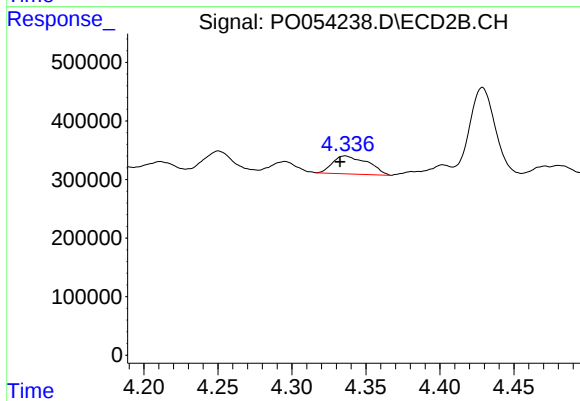
#13 AR-1232-3

R.T.: 4.250 min  
Delta R.T.: -0.005 min  
Response: 396930  
Conc: 107.07 ng/ml



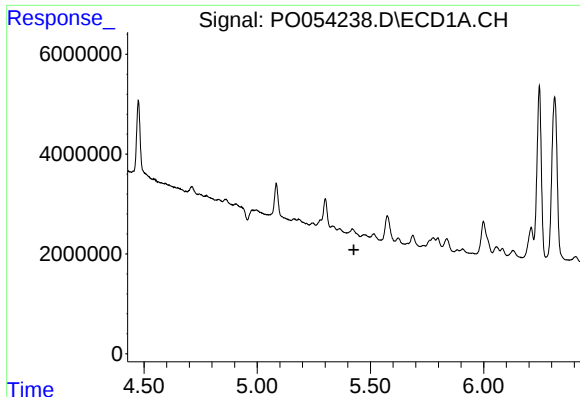
#14 AR-1232-4

R.T.: 5.301 min  
Delta R.T.: -0.045 min  
Response: 4787214  
Conc: 168.93 ng/ml



#14 AR-1232-4

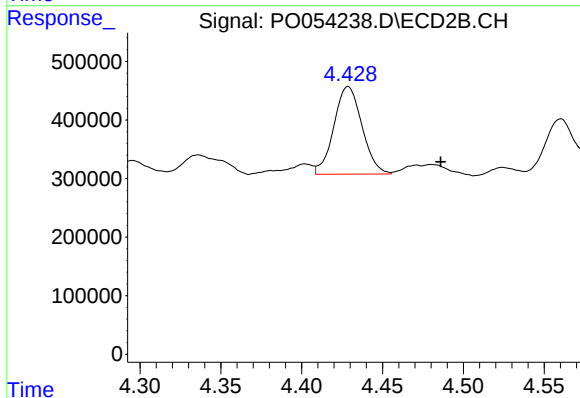
R.T.: 4.336 min  
Delta R.T.: 0.004 min  
Response: 511603  
Conc: 169.96 ng/ml



#15 AR-1232-5

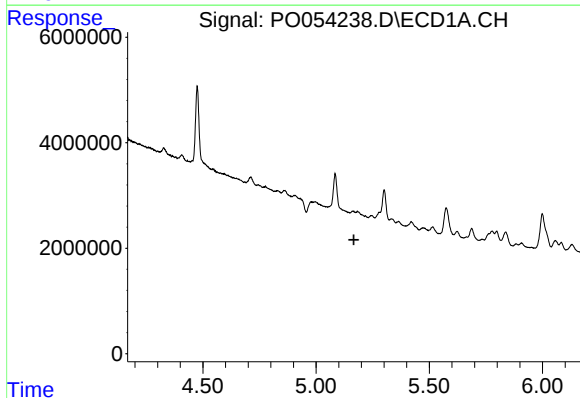
R.T.: 0.000 min  
Exp R.T.: 5.427 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



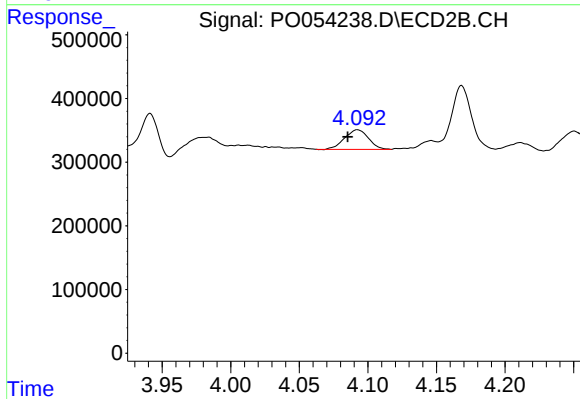
#15 AR-1232-5

R.T.: 4.429 min  
Delta R.T.: -0.057 min  
Response: 1814752  
Conc: 509.21 ng/ml



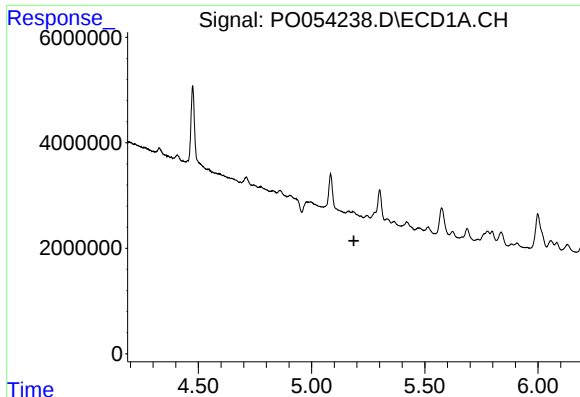
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.167 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

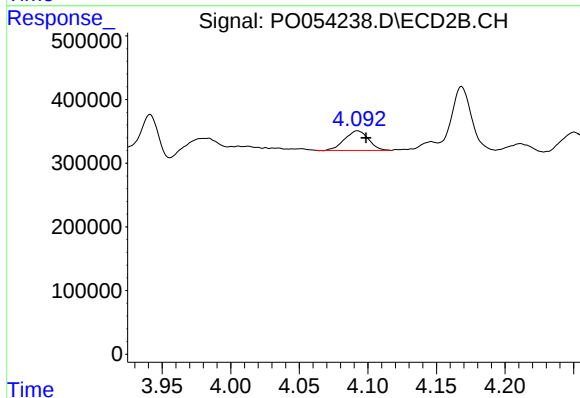
R.T.: 4.092 min  
Delta R.T.: 0.007 min  
Response: 371377  
Conc: 45.16 ng/ml



#17 AR-1242-2

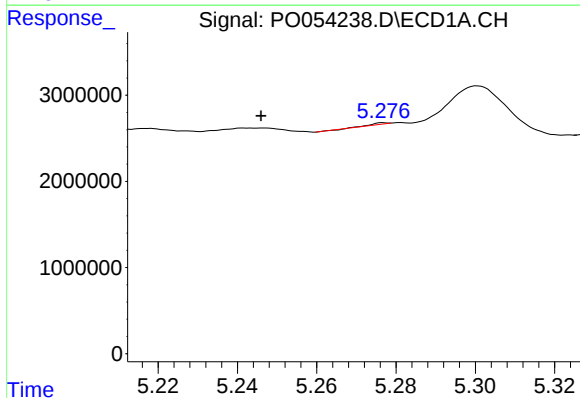
R.T.: 0.000 min  
Exp R.T.: 5.187 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



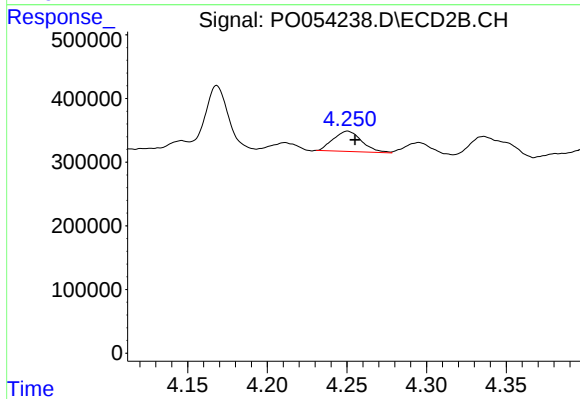
#17 AR-1242-2

R.T.: 4.092 min  
Delta R.T.: -0.006 min  
Response: 371377  
Conc: 28.24 ng/ml



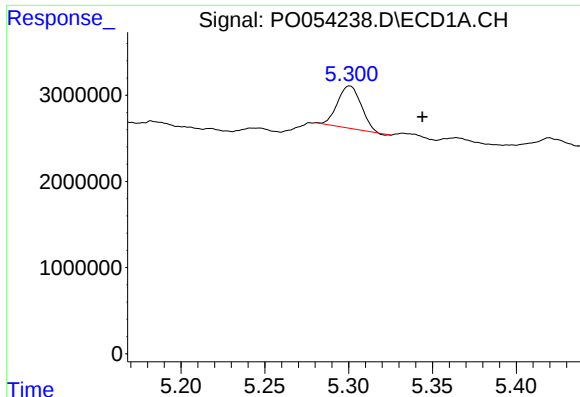
#18 AR-1242-3

R.T.: 5.277 min  
Delta R.T.: 0.031 min  
Response: 21451  
Conc: 0.32 ng/ml



#18 AR-1242-3

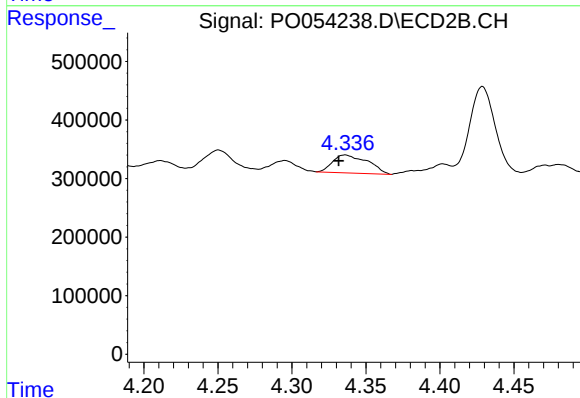
R.T.: 4.250 min  
Delta R.T.: -0.005 min  
Response: 396930  
Conc: 56.55 ng/ml



#19 AR-1242-4

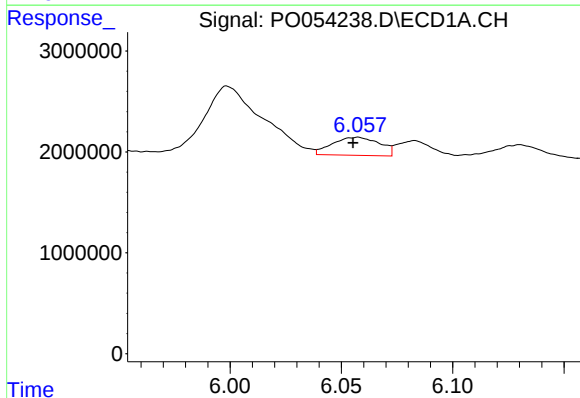
R.T.: 5.301 min  
Delta R.T.: -0.043 min  
Response: 4787214  
Conc: 84.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



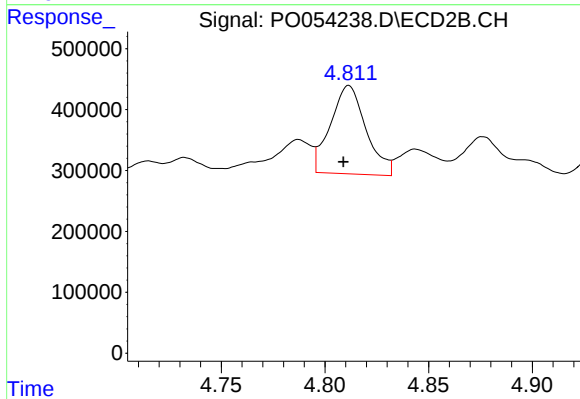
#19 AR-1242-4

R.T.: 4.336 min  
Delta R.T.: 0.005 min  
Response: 511603  
Conc: 79.06 ng/ml



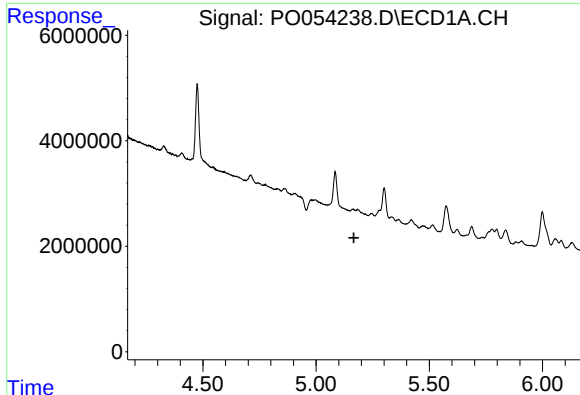
#20 AR-1242-5

R.T.: 6.058 min  
Delta R.T.: 0.002 min  
Response: 2643679  
Conc: 48.87 ng/ml



#20 AR-1242-5

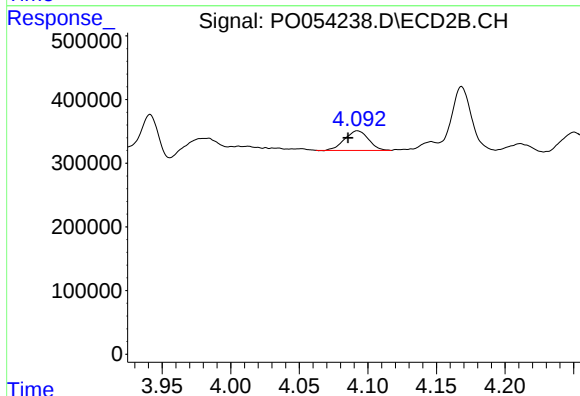
R.T.: 4.812 min  
Delta R.T.: 0.003 min  
Response: 1735341  
Conc: 193.45 ng/ml



#21 AR-1248-1

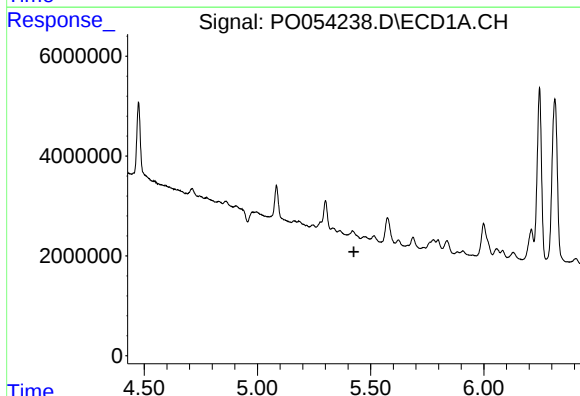
R.T.: 0.000 min  
Exp R.T.: 5.167 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



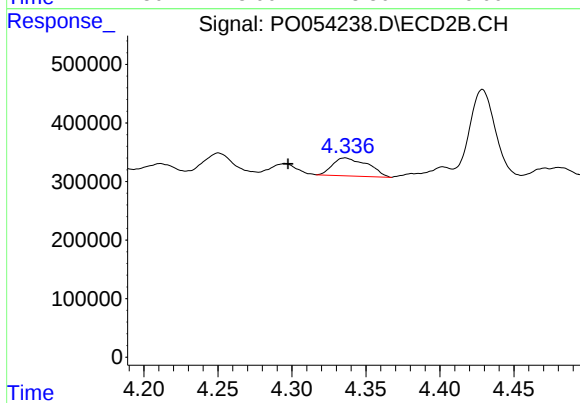
#21 AR-1248-1

R.T.: 4.092 min  
Delta R.T.: 0.007 min  
Response: 371377  
Conc: 52.91 ng/ml



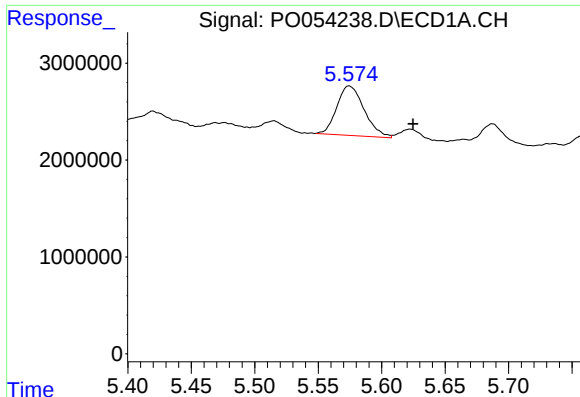
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 5.426 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

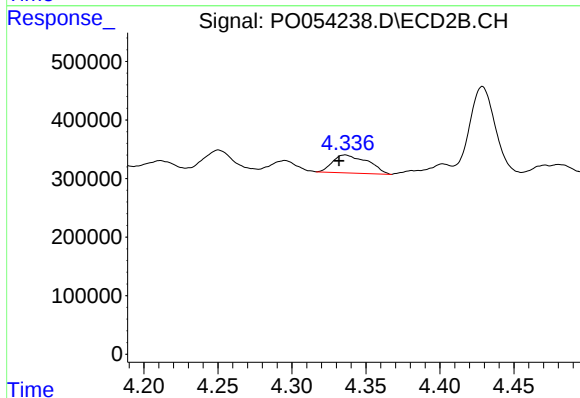
R.T.: 4.336 min  
Delta R.T.: 0.039 min  
Response: 511603  
Conc: 52.89 ng/ml



#23 AR-1248-3

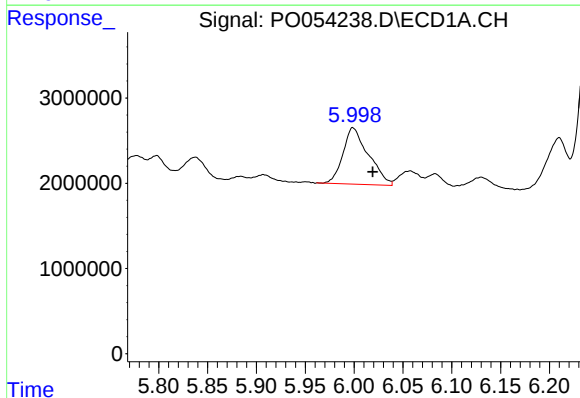
R.T.: 5.574 min  
Delta R.T.: -0.051 min  
Response: 7656149  
Conc: 87.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



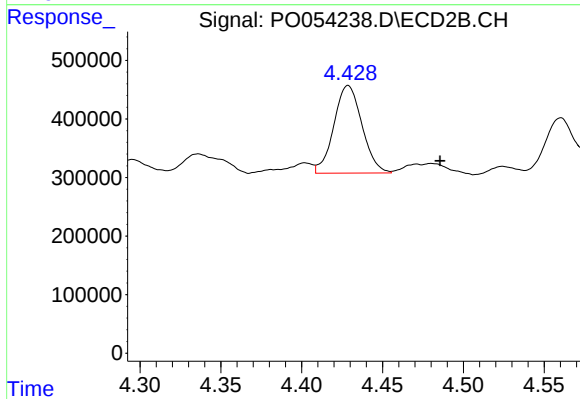
#23 AR-1248-3

R.T.: 4.336 min  
Delta R.T.: 0.004 min  
Response: 511603  
Conc: 51.97 ng/ml



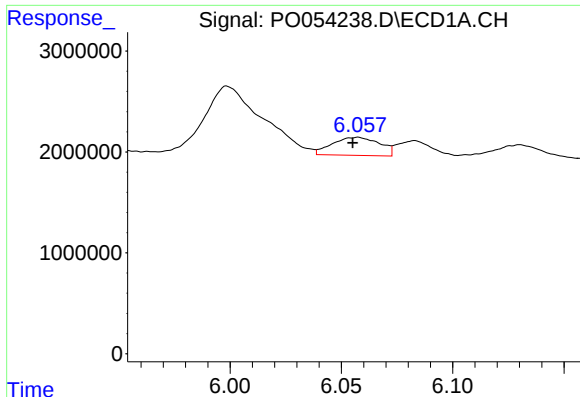
#24 AR-1248-4

R.T.: 5.999 min  
Delta R.T.: -0.020 min  
Response: 12007967  
Conc: 129.36 ng/ml



#24 AR-1248-4

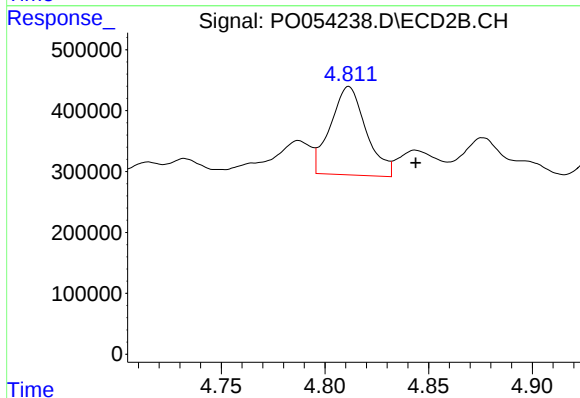
R.T.: 4.429 min  
Delta R.T.: -0.057 min  
Response: 1814752  
Conc: 145.69 ng/ml



#25 AR-1248-5

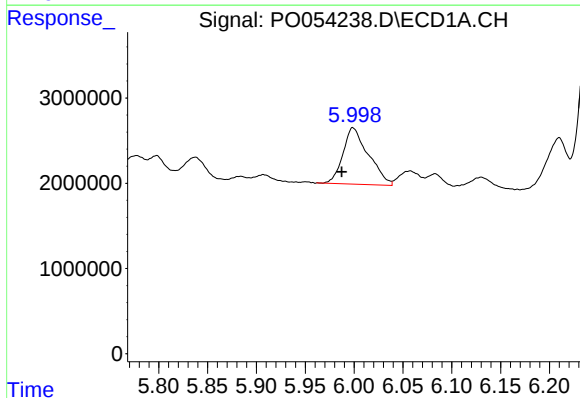
R.T.: 6.058 min  
Delta R.T.: 0.003 min  
Response: 2643679  
Conc: 28.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



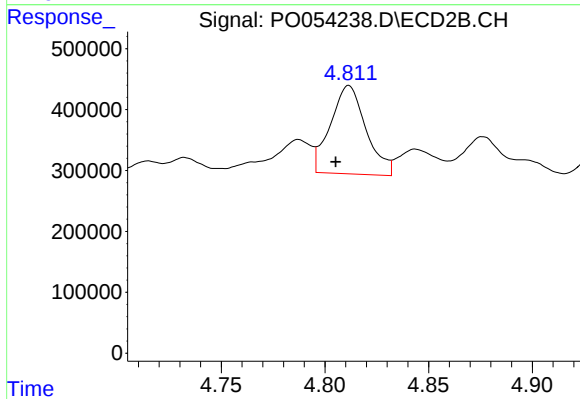
#25 AR-1248-5

R.T.: 4.812 min  
Delta R.T.: -0.032 min  
Response: 1735341  
Conc: 133.47 ng/ml



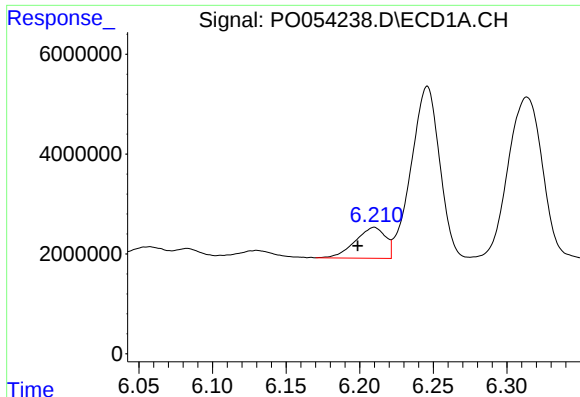
#26 AR-1254-1

R.T.: 5.999 min  
Delta R.T.: 0.011 min  
Response: 12007967  
Conc: 151.90 ng/ml



#26 AR-1254-1

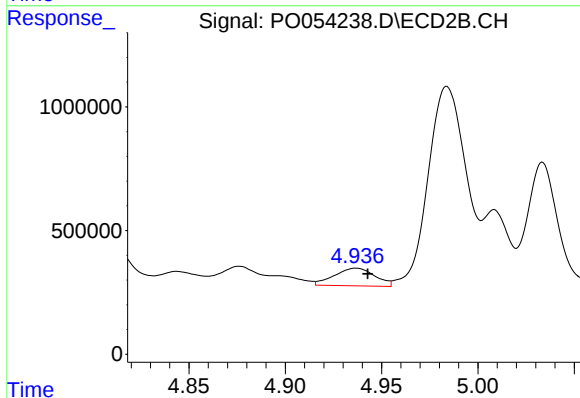
R.T.: 4.812 min  
Delta R.T.: 0.006 min  
Response: 1735341  
Conc: 98.82 ng/ml



#27 AR-1254-2

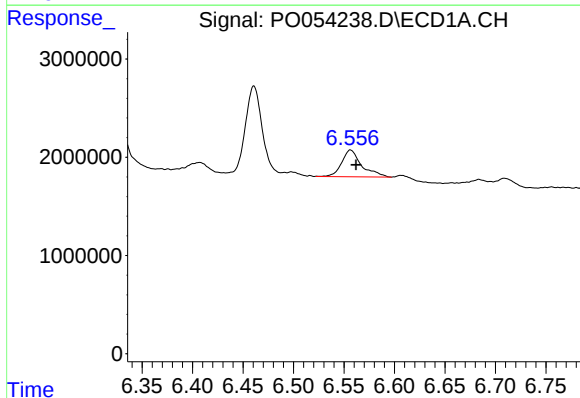
R.T.: 6.210 min  
Delta R.T.: 0.011 min  
Response: 8890941  
Conc: 73.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



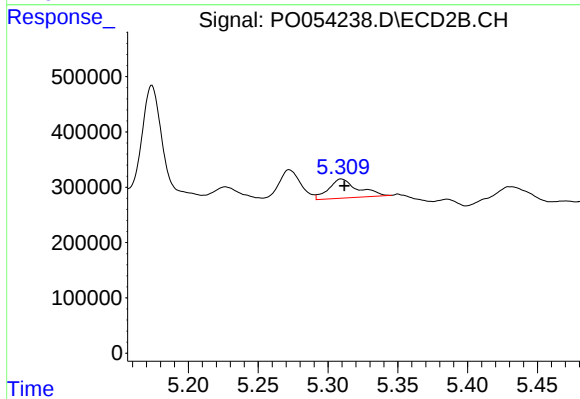
#27 AR-1254-2

R.T.: 4.937 min  
Delta R.T.: -0.006 min  
Response: 1045013  
Conc: 71.31 ng/ml



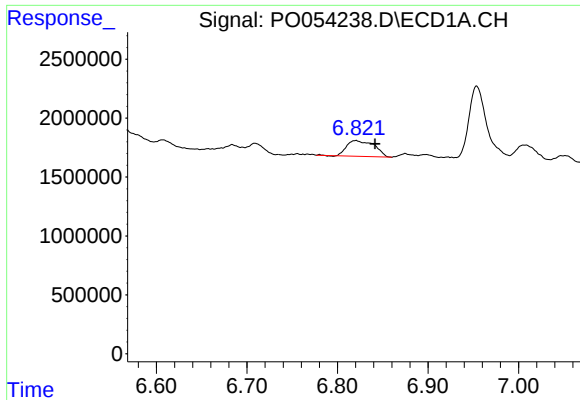
#28 AR-1254-3

R.T.: 6.556 min  
Delta R.T.: -0.006 min  
Response: 3766355  
Conc: 30.89 ng/ml



#28 AR-1254-3

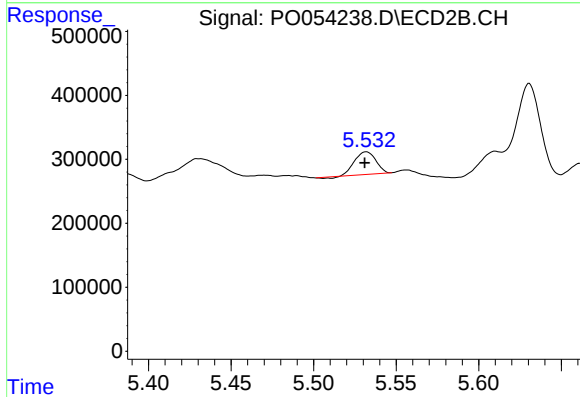
R.T.: 5.310 min  
Delta R.T.: -0.002 min  
Response: 504671  
Conc: 20.94 ng/ml



#29 AR-1254-4

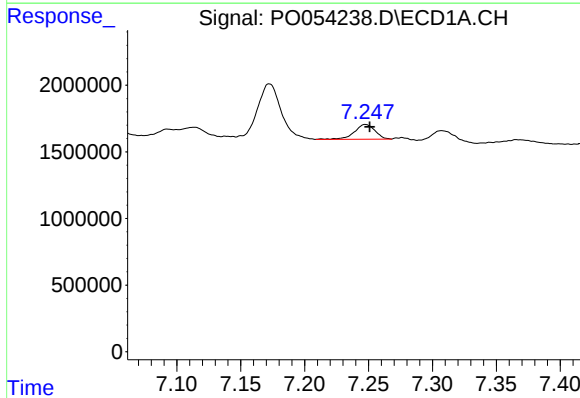
R.T.: 6.821 min  
Delta R.T.: -0.021 min  
Response: 2829973  
Conc: 32.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



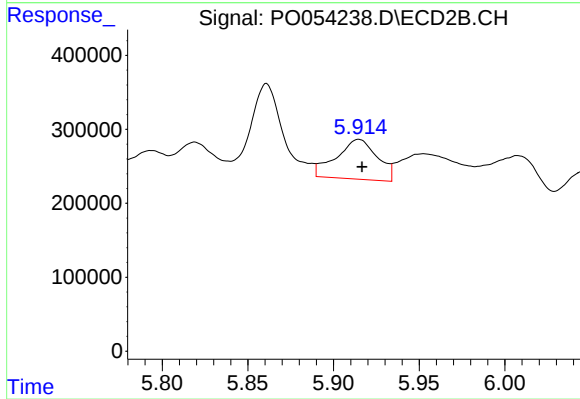
#29 AR-1254-4

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 312216  
Conc: 19.51 ng/ml



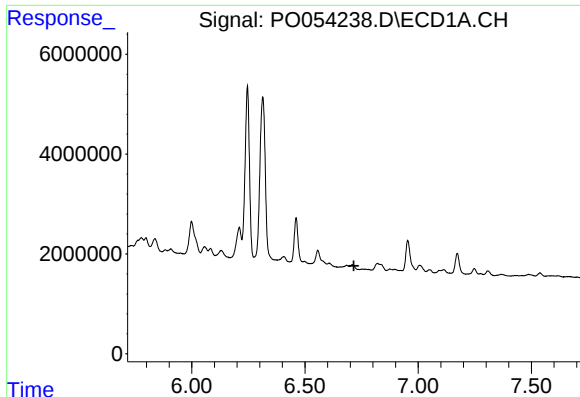
#30 AR-1254-5

R.T.: 7.248 min  
Delta R.T.: -0.003 min  
Response: 1235632  
Conc: 15.52 ng/ml



#30 AR-1254-5

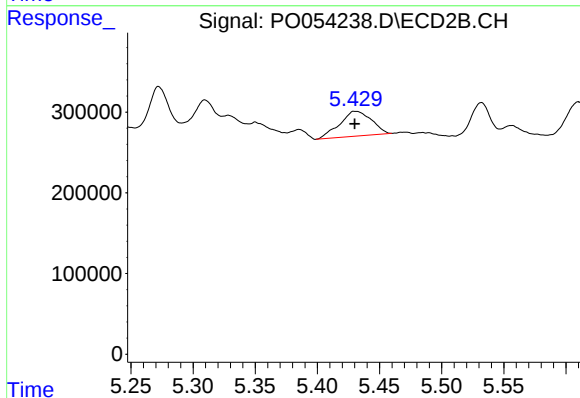
R.T.: 5.915 min  
Delta R.T.: -0.002 min  
Response: 897721  
Conc: 51.71 ng/ml



#31 AR-1260-1

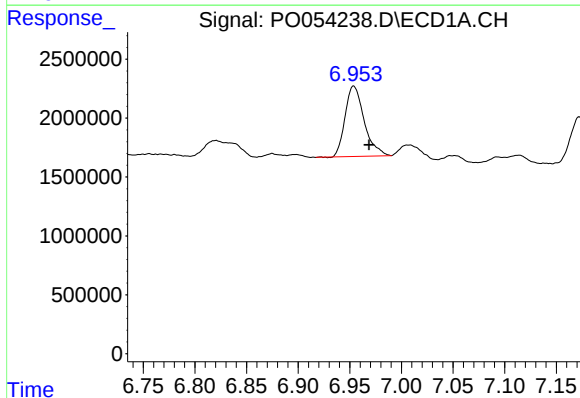
R.T.: 0.000 min  
Exp R.T.: 6.716 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



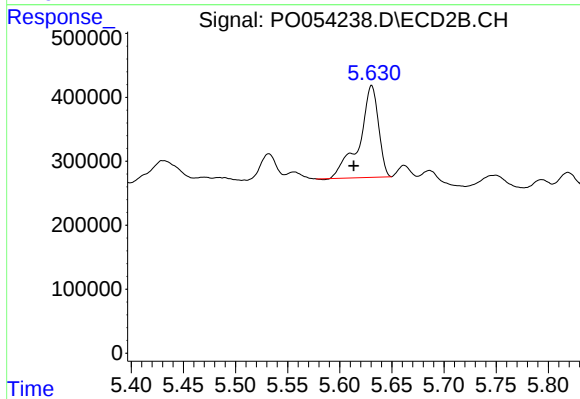
#31 AR-1260-1

R.T.: 5.431 min  
Delta R.T.: 0.000 min  
Response: 547154  
Conc: 26.99 ng/ml



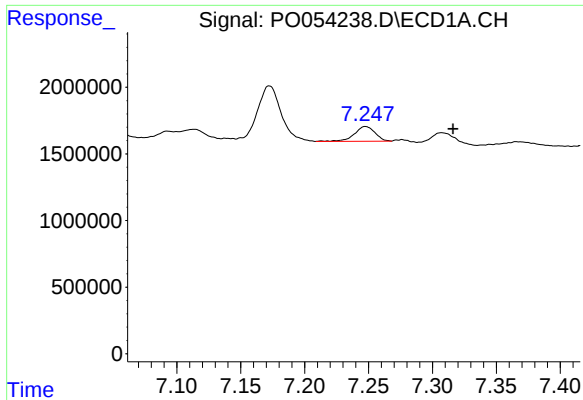
#32 AR-1260-2

R.T.: 6.954 min  
Delta R.T.: -0.015 min  
Response: 7683474  
Conc: 65.27 ng/ml



#32 AR-1260-2

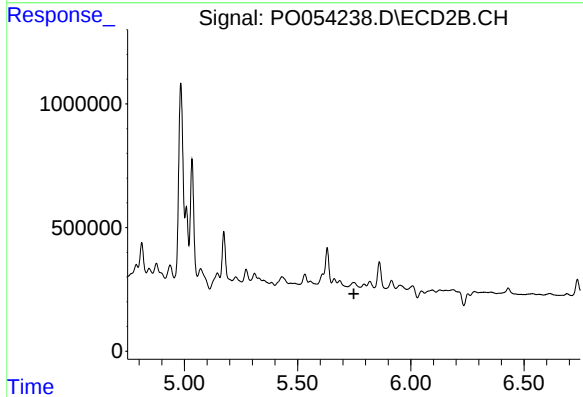
R.T.: 5.631 min  
Delta R.T.: 0.017 min  
Response: 1820943  
Conc: 74.63 ng/ml



#33 AR-1260-3

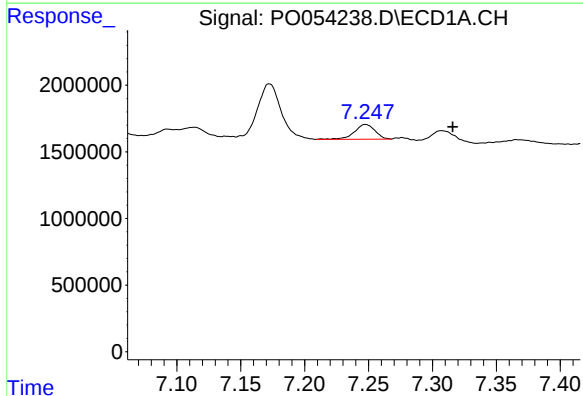
R.T.: 7.248 min  
Delta R.T.: -0.069 min  
Response: 1235632  
Conc: 17.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



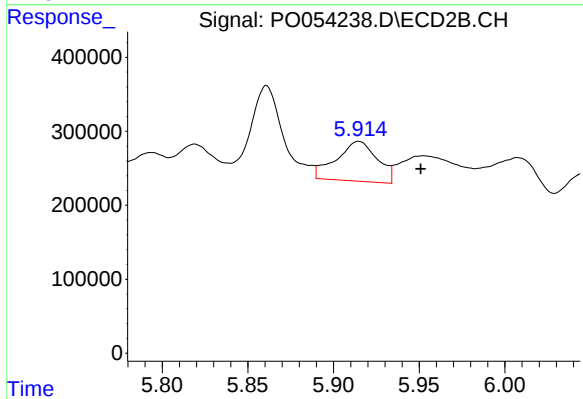
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 5.749 min  
Response: 0  
Conc: N.D.



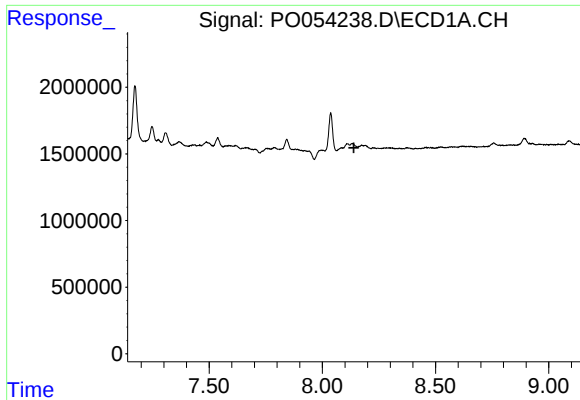
#36 AR-1262-1

R.T.: 7.248 min  
Delta R.T.: -0.068 min  
Response: 1235632  
Conc: 9.87 ng/ml



#36 AR-1262-1

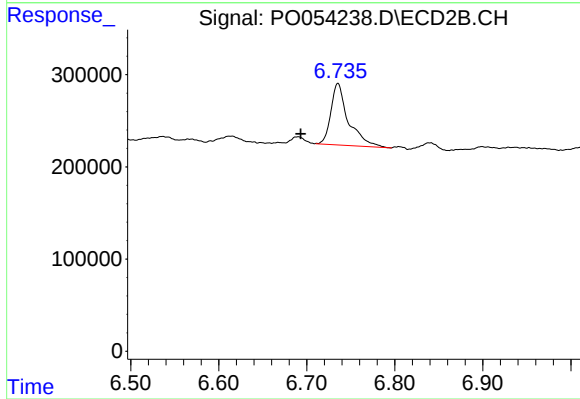
R.T.: 5.915 min  
Delta R.T.: -0.036 min  
Response: 897721  
Conc: 36.34 ng/ml



#38 AR-1262-3

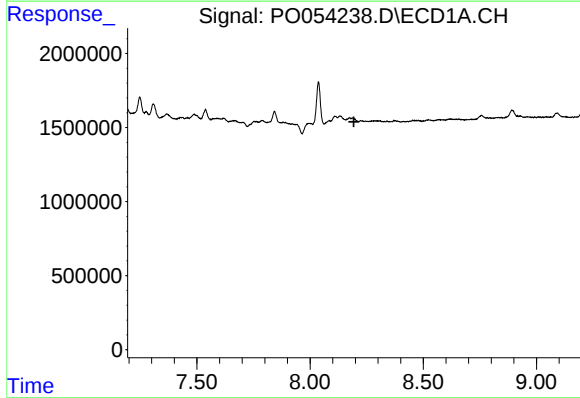
R.T.: 0.000 min  
Exp R.T.: 8.139 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



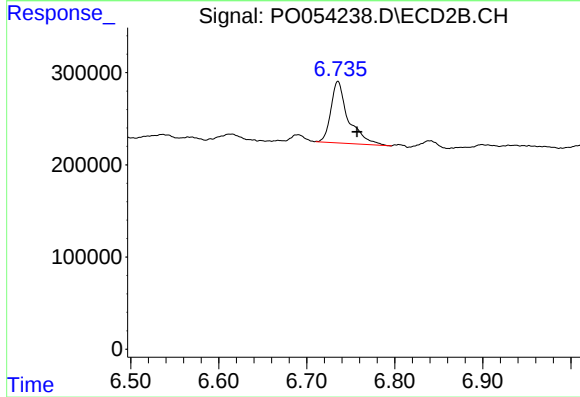
#38 AR-1262-3

R.T.: 6.735 min  
Delta R.T.: 0.042 min  
Response: 919479  
Conc: 53.65 ng/ml



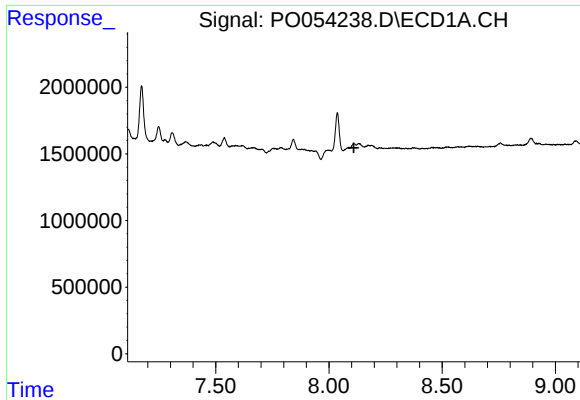
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.193 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

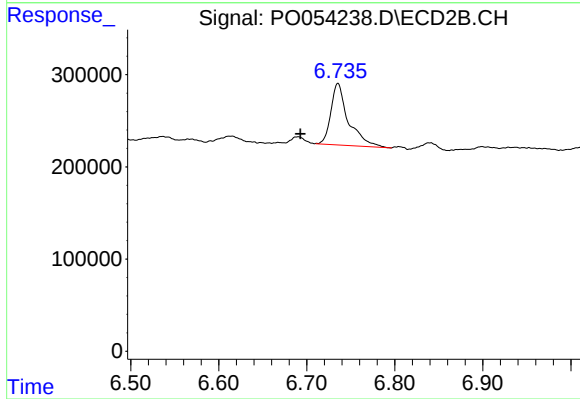
R.T.: 6.735 min  
Delta R.T.: -0.022 min  
Response: 919479  
Conc: 30.25 ng/ml



#41 AR-1268-1

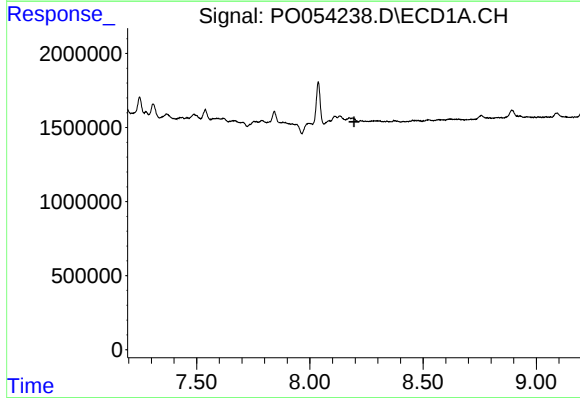
R.T.: 0.000 min  
Exp R.T.: 8.110 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



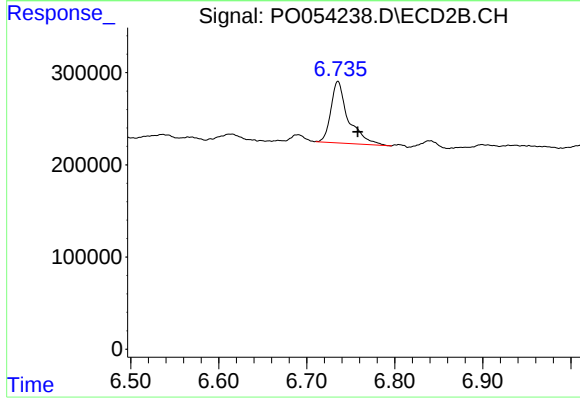
#41 AR-1268-1

R.T.: 6.735 min  
Delta R.T.: 0.043 min  
Response: 919479  
Conc: 19.98 ng/ml



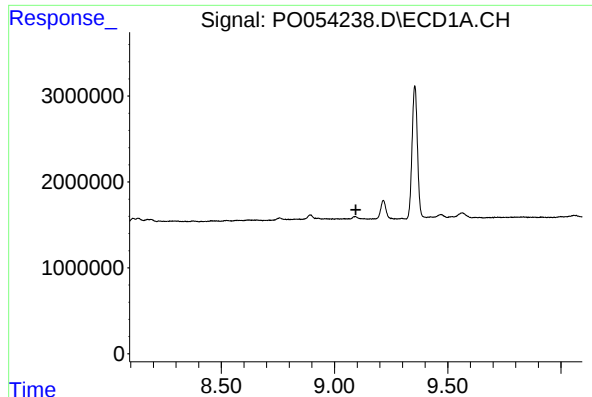
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.195 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

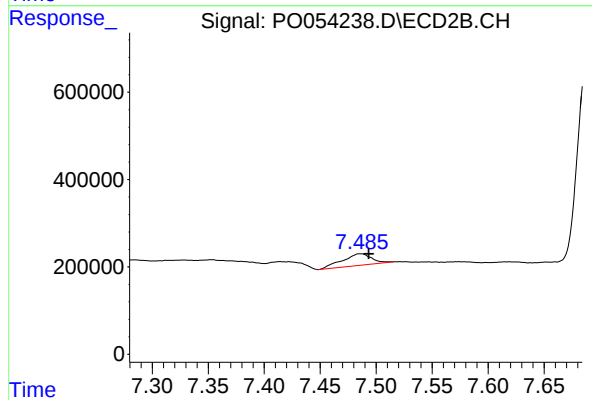
R.T.: 6.735 min  
Delta R.T.: -0.023 min  
Response: 919479  
Conc: 21.29 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.094 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
RICH-REC-ROAD-STONE-11



#45 AR-1268-5

R.T.: 7.486 min  
Delta R.T.: -0.008 min  
Response: 483470  
Conc: 4.41 ng/ml