

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0071218\  
 Data File : P0046626.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Jul 2018 15:48  
 Operator : SM/SJ  
 Sample : J3828-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 EO-01-071018-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 13 03:22:38 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0070718.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jul 09 15:27:34 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...          | 4.207 | 3.532 | 3051804 | 3448077 | 12.770  | 16.233 #  |
| 2) SA Decachlor...          | 9.732 | 8.461 | 1929156 | 1567217 | 10.121  | 8.079     |
|                             |       |       |         |         |         |           |
| Target Compounds            |       |       |         |         |         |           |
| 3) L1 AR-1016-1             | 5.154 | 4.395 | 1290784 | 1080951 | 228.823 | 198.005   |
| 4) L1 AR-1016-2             | 5.510 | 4.840 | 295488  | 791527  | 41.287  | 163.240 # |
| 5) L1 AR-1016-3             | 5.510 | 4.899 | 295488  | 624354  | 49.160  | 107.153 # |
| 6) L1 AR-1016-4             | 5.809 | 5.066 | 715433  | 249708  | 122.667 | 39.308 #  |
| 7) L1 AR-1016-5             | 5.994 | 5.162 | 772117  | 173831  | 118.712 | 31.544 #  |
| 8) L2 AR-1221-1             | 0.000 | 3.691 | 0       | 91192   | N.D.    | 34.101 #  |
| 10) L2 AR-1221-3            | 0.000 | 3.956 | 0       | 261337  | N.D.    | 38.146 #  |
| 11) L3 AR-1232-1            | 0.000 | 4.197 | 0       | 850653  | N.D.    | 366.465 # |
| 12) L3 AR-1232-2            | 5.295 | 4.601 | 640940  | 724448  | 181.051 | 210.301   |
| 13) L3 AR-1232-3            | 0.000 | 4.626 | 0       | 1111211 | N.D.    | 232.924 # |
| 14) L3 AR-1232-4            | 5.510 | 4.677 | 295488  | 1357055 | 90.679  | 386.146 # |
| 15) L3 AR-1232-5            | 5.510 | 4.791 | 295488  | 1075398 | 111.284 | 386.076 # |
| 16) L4 AR-1242-1            | 0.000 | 4.626 | 0       | 1111211 | N.D.    | 115.996 # |
| 17) L4 AR-1242-2            | 5.510 | 4.791 | 295488  | 1075398 | 45.644  | 193.754 # |
| 18) L4 AR-1242-3            | 5.510 | 4.899 | 295488  | 624354  | 54.237  | 120.239 # |
| 19) L4 AR-1242-4            | 5.809 | 5.066 | 715433  | 249708  | 133.921 | 44.002 #  |
| 20) L4 AR-1242-5            | 5.994 | 5.162 | 772117  | 173831  | 127.999 | 33.557 #  |
| 21) L5 AR-1248-1            | 5.809 | 5.066 | 715433  | 249708  | 90.174  | 29.529 #  |
| 22) L5 AR-1248-2            | 5.994 | 5.162 | 772117  | 173831  | 109.041 | 27.234 #  |
| 23) L5 AR-1248-3            | 6.229 | 5.416 | 174990  | 1245285 | 19.099  | 101.199 # |
| 24) L5 AR-1248-4            | 6.229 | 5.416 | 174990  | 1245285 | 19.727  | 143.056 # |
| 25) L5 AR-1248-5            | 6.412 | 5.956 | 562936  | 257645  | 61.856  | 44.007 #  |
| 26) L6 AR-1254-1            | 6.412 | 5.416 | 562936  | 1245285 | 40.372  | 93.133 #  |
| 27) L6 AR-1254-2            | 6.679 | 5.561 | 1557275 | 421624  | 176.795 | 36.475 #  |
| 28) L6 AR-1254-3            | 6.772 | 5.956 | 1457069 | 257645  | 95.300  | 13.091 #  |
| 32) L7 AR-1260-2            | 7.183 | 6.239 | 453472  | 1035697 | 33.592  | 64.953 #  |
| 33) L7 AR-1260-3            | 0.000 | 6.576 | 0       | 88394   | N.D.    | 4.929 #   |
| 34) L7 AR-1260-4            | 0.000 | 7.111 | 0       | 281764  | N.D.    | 10.142 #  |
| 36) L8 AR-1262-1            | 0.000 | 6.239 | 0       | 1035697 | N.D.    | 79.077 #  |
| 37) L8 AR-1262-2            | 7.183 | 0.000 | 453472  | 0       | 40.716  | N.D. #    |
| 38) L8 AR-1262-3            | 0.000 | 6.576 | 0       | 88394   | N.D.    | 5.048 #   |
| 40) L8 AR-1262-5            | 0.000 | 7.111 | 0       | 281764  | N.D.    | 9.128 #   |
| -----                       |       |       |         |         |         |           |

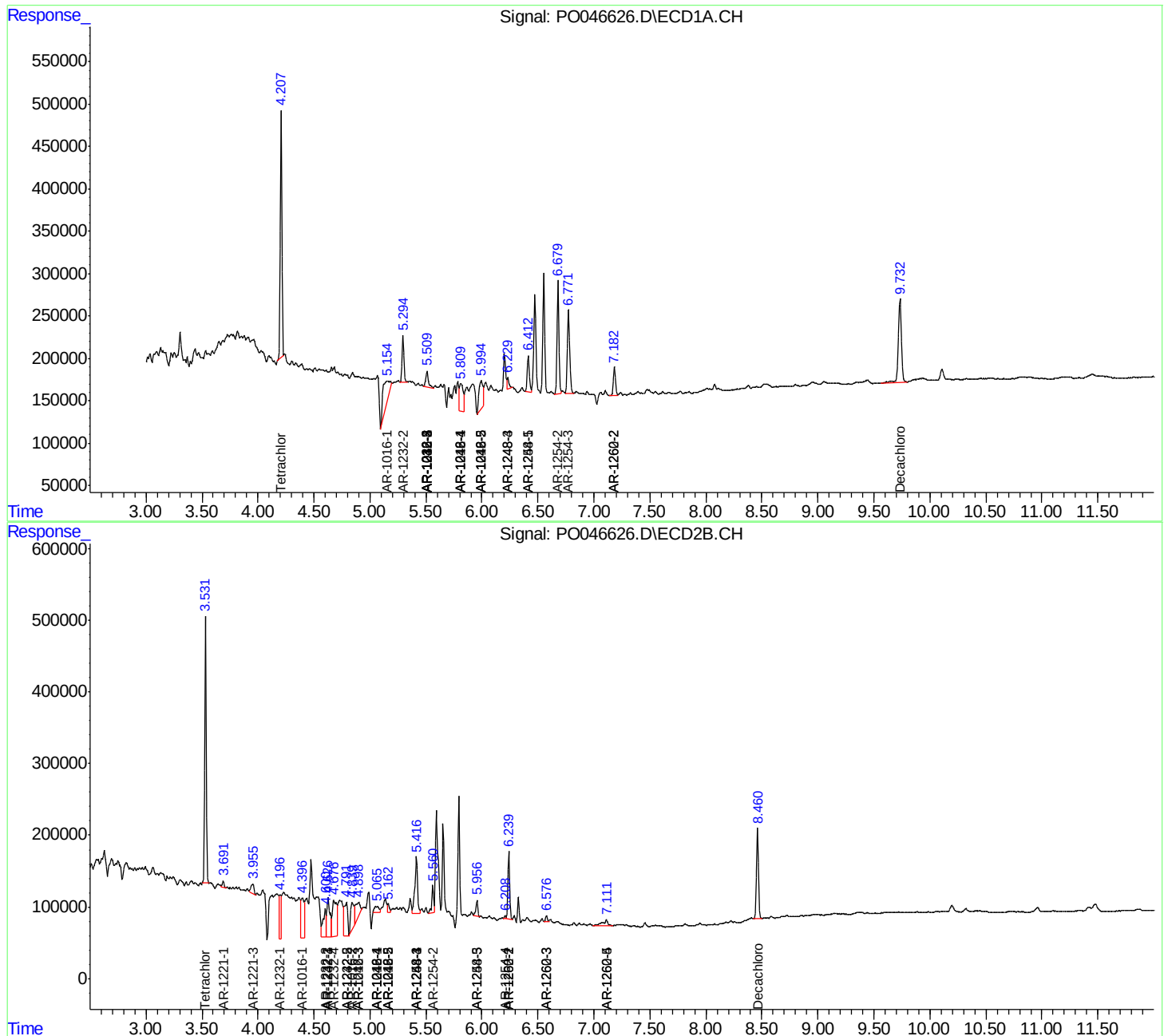
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

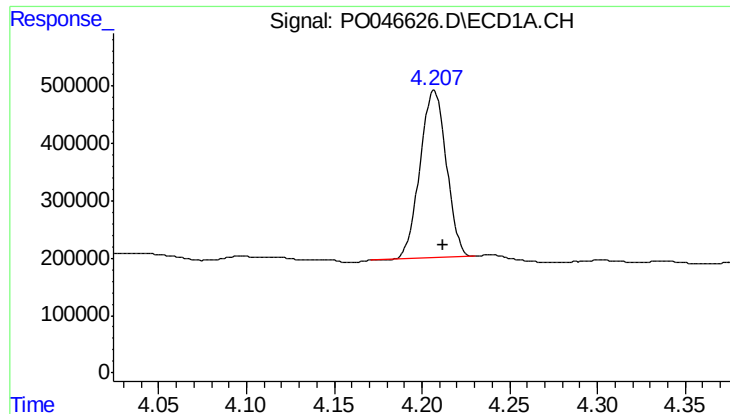
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071218\  
Data File : P0046626.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Jul 2018 15:48  
Operator : SM/SJ  
Sample : J3828-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 13 03:22:38 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0070718.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Jul 09 15:27:34 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

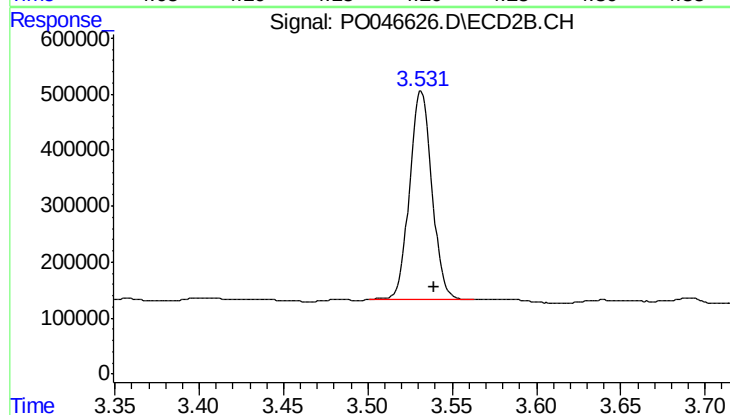




#1 Tetrachloro-m-xylene

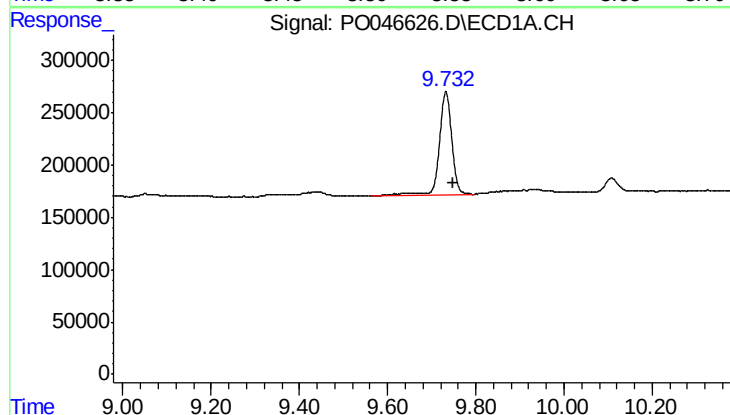
R.T.: 4.207 min  
Delta R.T.: -0.005 min  
Response: 3051804  
Conc: 12.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



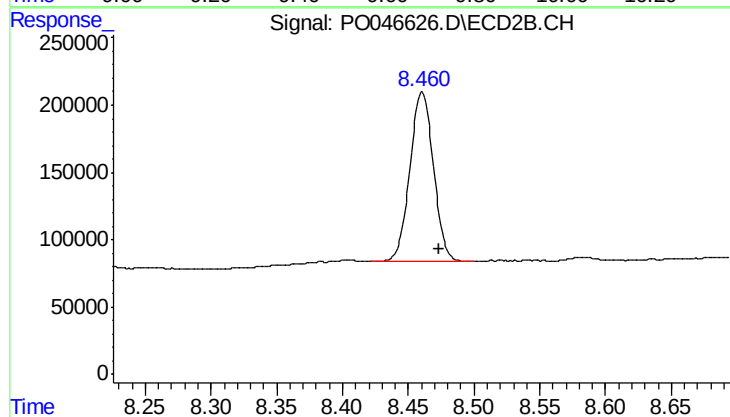
#1 Tetrachloro-m-xylene

R.T.: 3.532 min  
Delta R.T.: -0.008 min  
Response: 3448077  
Conc: 16.23 ng/ml



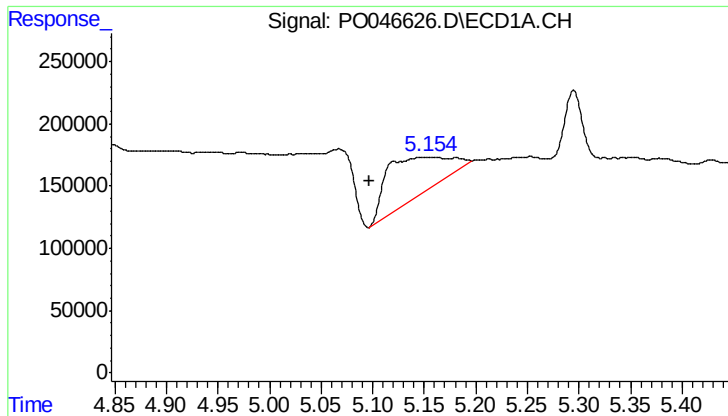
#2 Decachlorobiphenyl

R.T.: 9.732 min  
Delta R.T.: -0.015 min  
Response: 1929156  
Conc: 10.12 ng/ml



#2 Decachlorobiphenyl

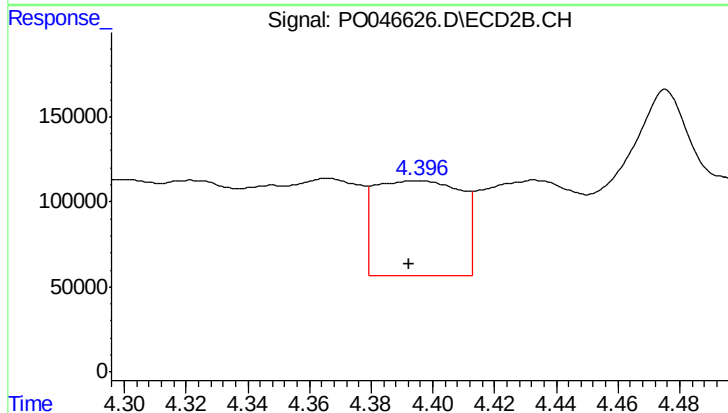
R.T.: 8.461 min  
Delta R.T.: -0.013 min  
Response: 1567217  
Conc: 8.08 ng/ml



#3 AR-1016-1

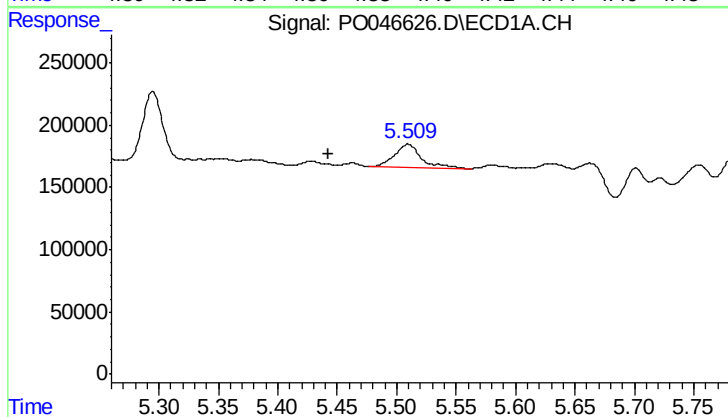
R.T.: 5.154 min  
Delta R.T.: 0.058 min  
Response: 1290784  
Conc: 228.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



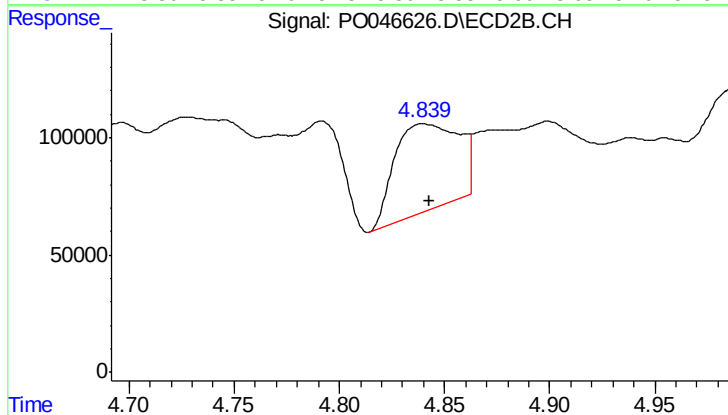
#3 AR-1016-1

R.T.: 4.395 min  
Delta R.T.: 0.003 min  
Response: 1080951  
Conc: 198.00 ng/ml



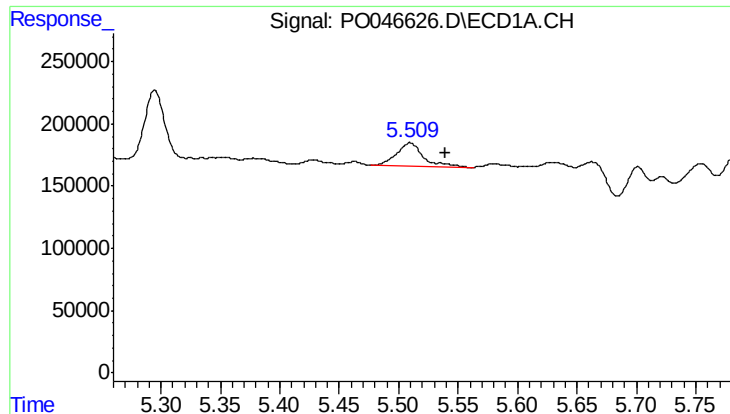
#4 AR-1016-2

R.T.: 5.510 min  
Delta R.T.: 0.067 min  
Response: 295488  
Conc: 41.29 ng/ml



#4 AR-1016-2

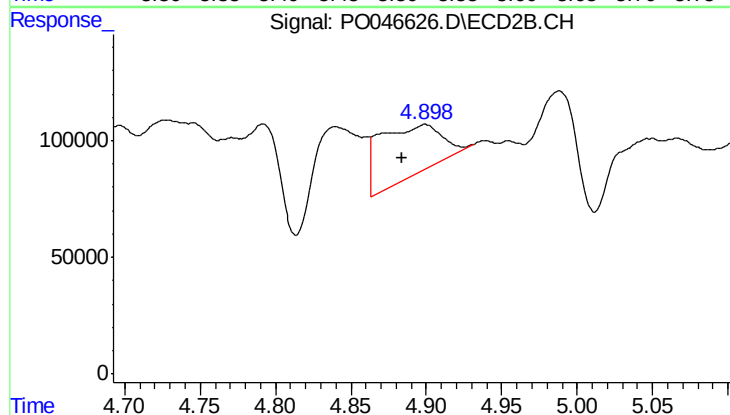
R.T.: 4.840 min  
Delta R.T.: -0.003 min  
Response: 791527  
Conc: 163.24 ng/ml



#5 AR-1016-3

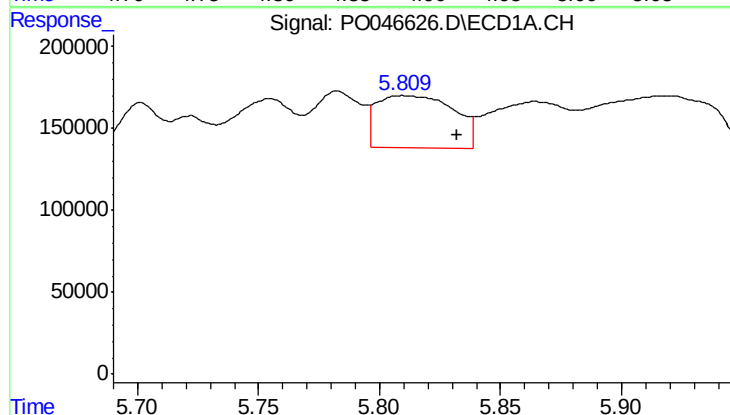
R.T.: 5.510 min  
Delta R.T.: -0.030 min  
Response: 295488  
Conc: 49.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



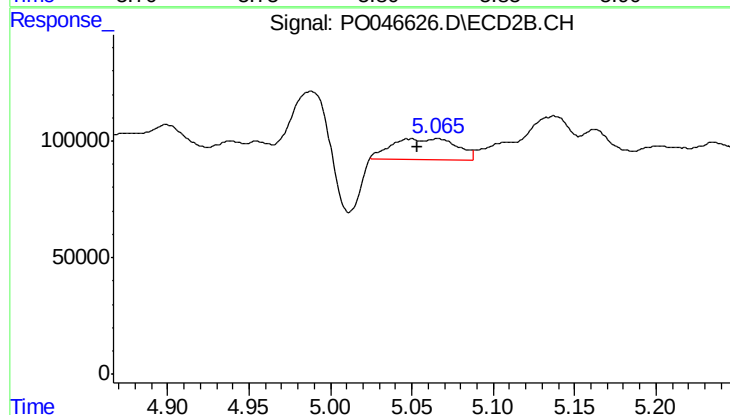
#5 AR-1016-3

R.T.: 4.899 min  
Delta R.T.: 0.015 min  
Response: 624354  
Conc: 107.15 ng/ml



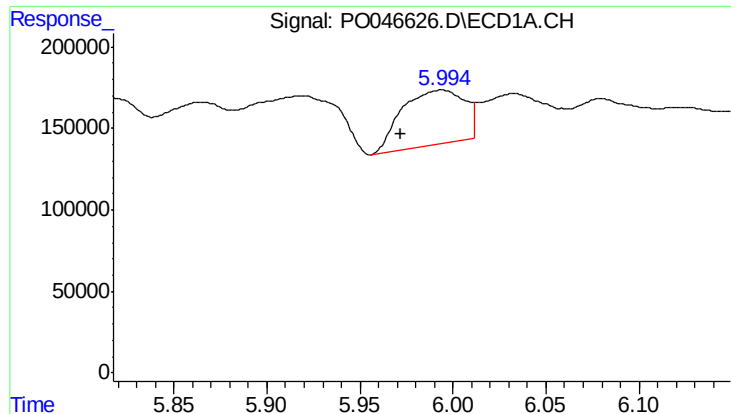
#6 AR-1016-4

R.T.: 5.809 min  
Delta R.T.: -0.022 min  
Response: 715433  
Conc: 122.67 ng/ml



#6 AR-1016-4

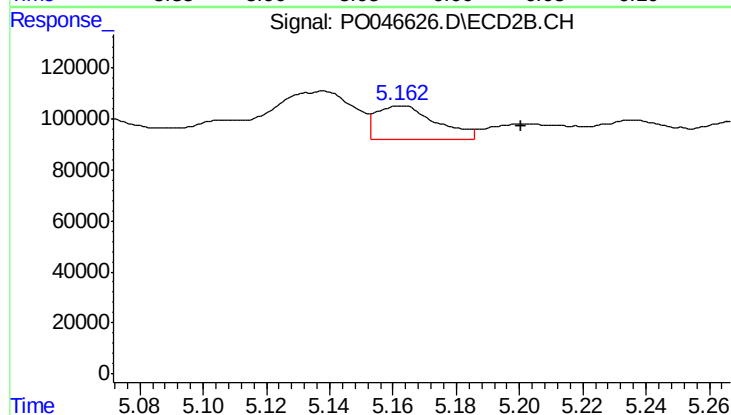
R.T.: 5.066 min  
Delta R.T.: 0.012 min  
Response: 249708  
Conc: 39.31 ng/ml



#7 AR-1016-5

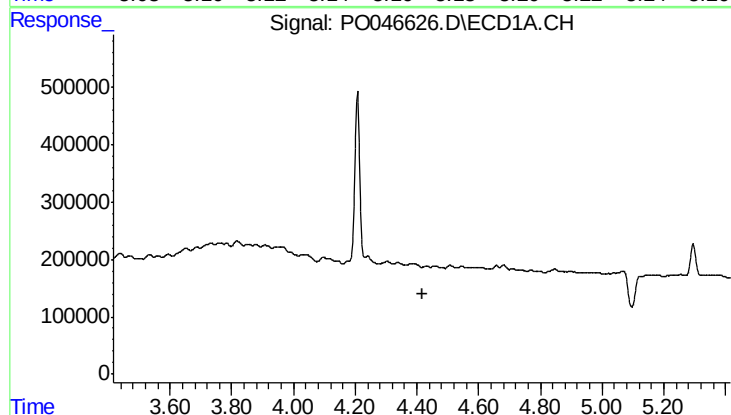
R.T.: 5.994 min  
Delta R.T.: 0.022 min  
Response: 772117  
Conc: 118.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



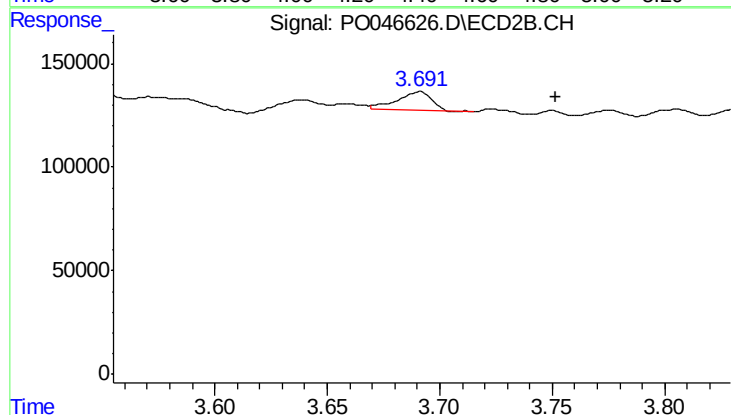
#7 AR-1016-5

R.T.: 5.162 min  
Delta R.T.: -0.038 min  
Response: 173831  
Conc: 31.54 ng/ml



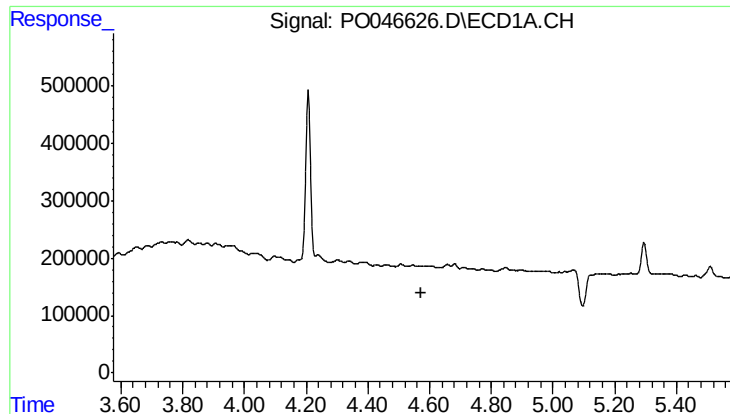
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T.: 4.416 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

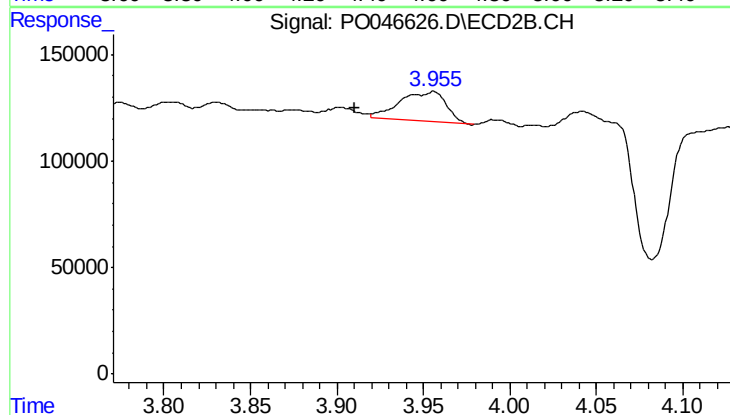
R.T.: 3.691 min  
Delta R.T.: -0.061 min  
Response: 91192  
Conc: 34.10 ng/ml



#10 AR-1221-3

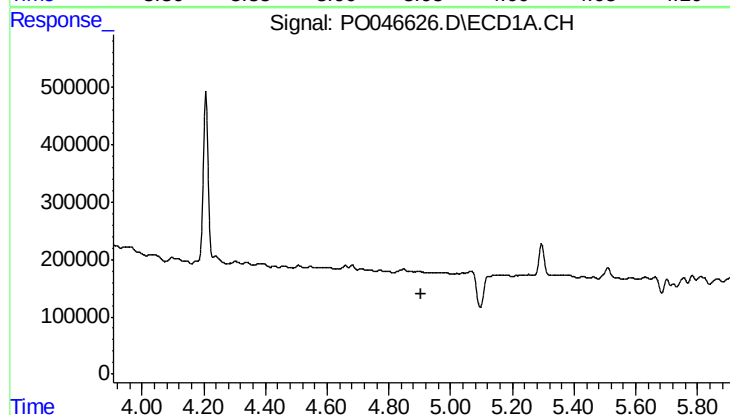
R.T.: 0.000 min  
Exp R.T.: 4.575 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



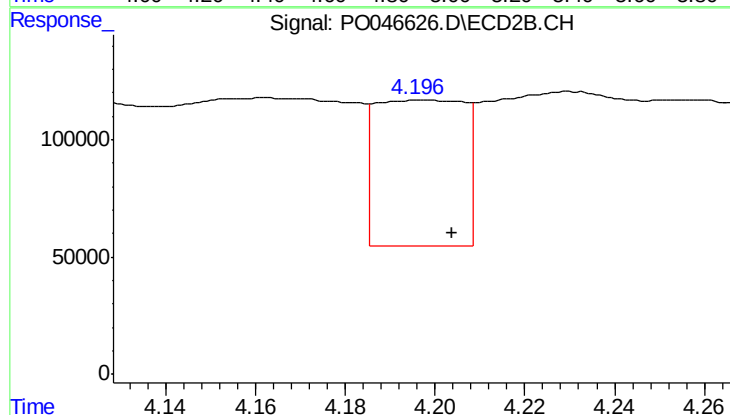
#10 AR-1221-3

R.T.: 3.956 min  
Delta R.T.: 0.046 min  
Response: 261337  
Conc: 38.15 ng/ml



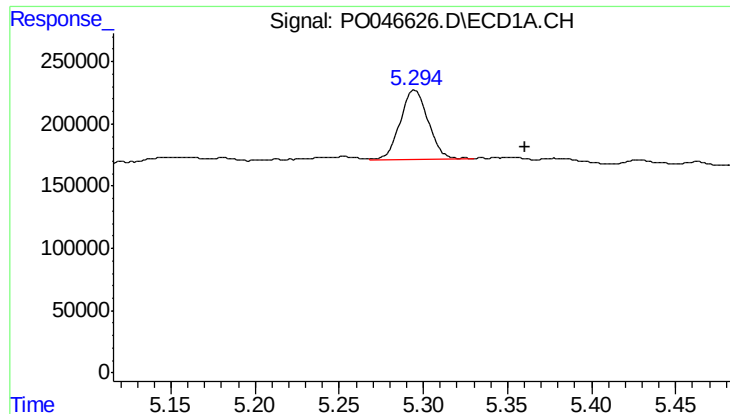
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T.: 4.907 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

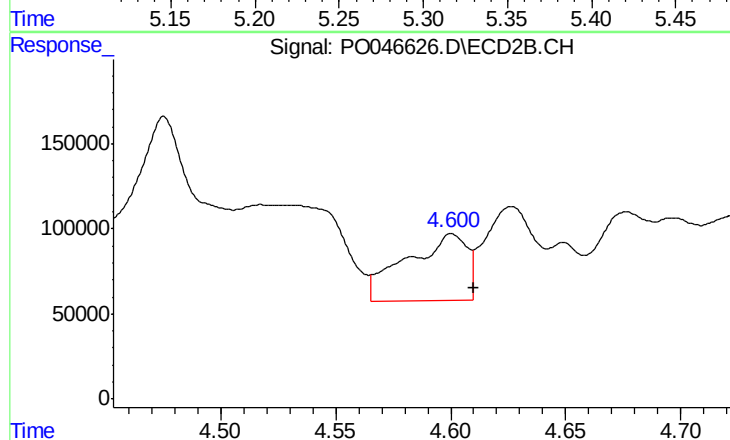
R.T.: 4.197 min  
Delta R.T.: -0.007 min  
Response: 850653  
Conc: 366.47 ng/ml



#12 AR-1232-2

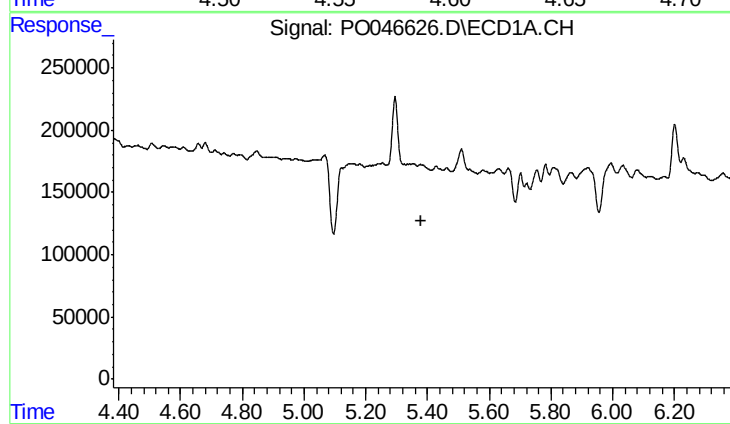
R.T.: 5.295 min  
Delta R.T.: -0.065 min  
Response: 640940  
Conc: 181.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



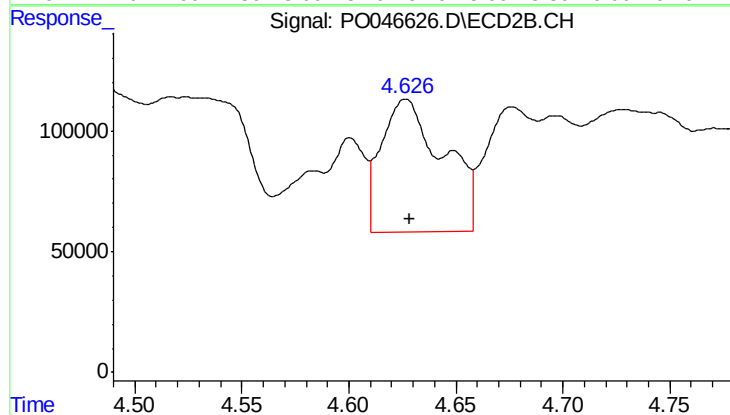
#12 AR-1232-2

R.T.: 4.601 min  
Delta R.T.: -0.009 min  
Response: 724448  
Conc: 210.30 ng/ml



#13 AR-1232-3

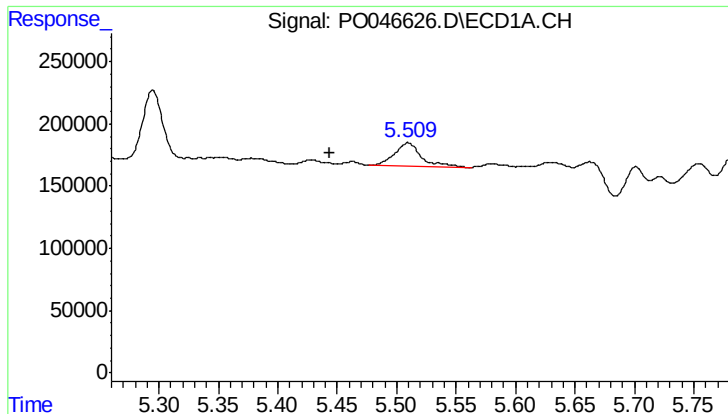
R.T.: 0.000 min  
Exp R.T.: 5.382 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

R.T.: 4.626 min  
Delta R.T.: -0.002 min  
Response: 1111211  
Conc: 232.92 ng/ml

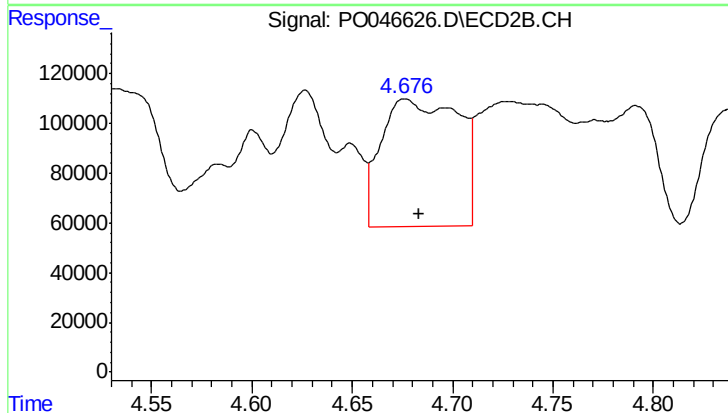




#14 AR-1232-4

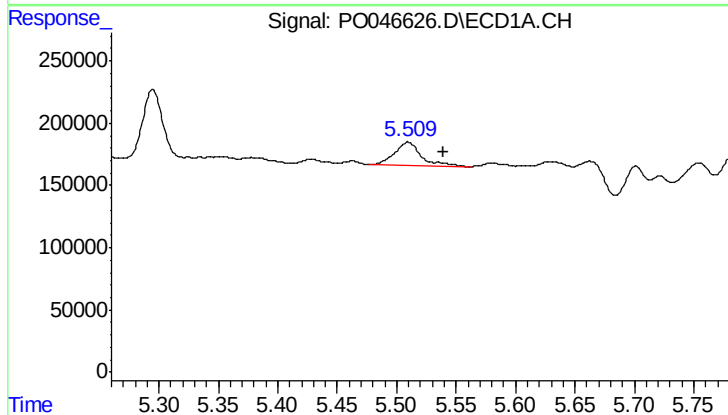
R.T.: 5.510 min  
Delta R.T.: 0.066 min  
Response: 295488  
Conc: 90.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



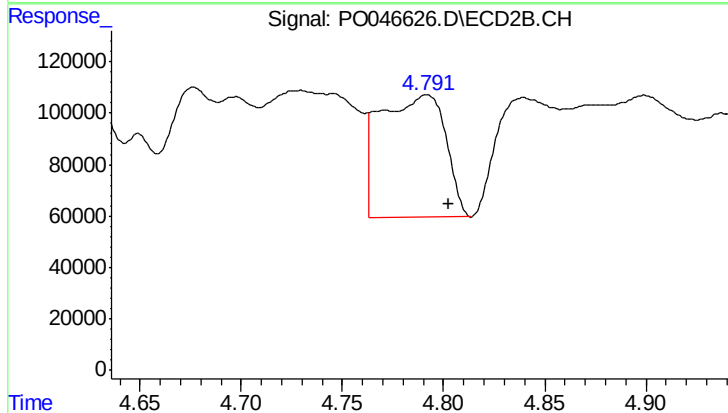
#14 AR-1232-4

R.T.: 4.677 min  
Delta R.T.: -0.007 min  
Response: 1357055  
Conc: 386.15 ng/ml



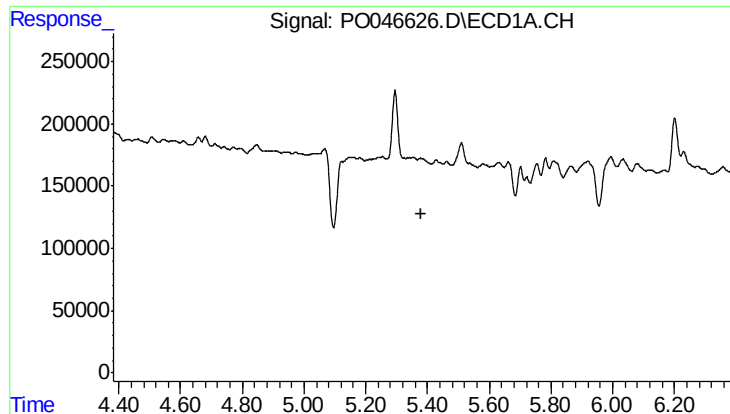
#15 AR-1232-5

R.T.: 5.510 min  
Delta R.T.: -0.030 min  
Response: 295488  
Conc: 111.28 ng/ml



#15 AR-1232-5

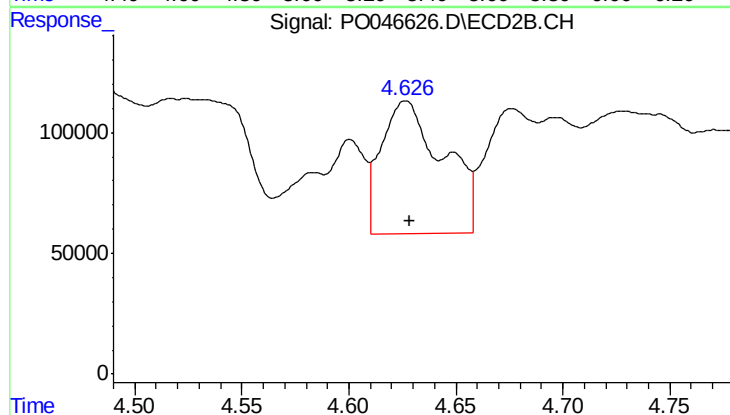
R.T.: 4.791 min  
Delta R.T.: -0.011 min  
Response: 1075398  
Conc: 386.08 ng/ml



#16 AR-1242-1

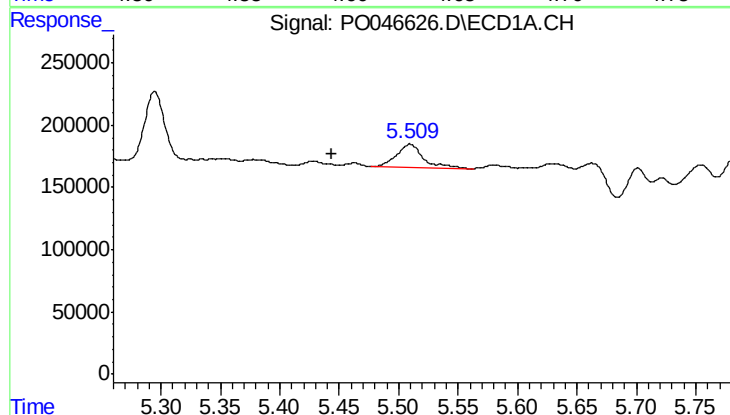
R.T.: 0.000 min  
Exp R.T.: 5.382 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



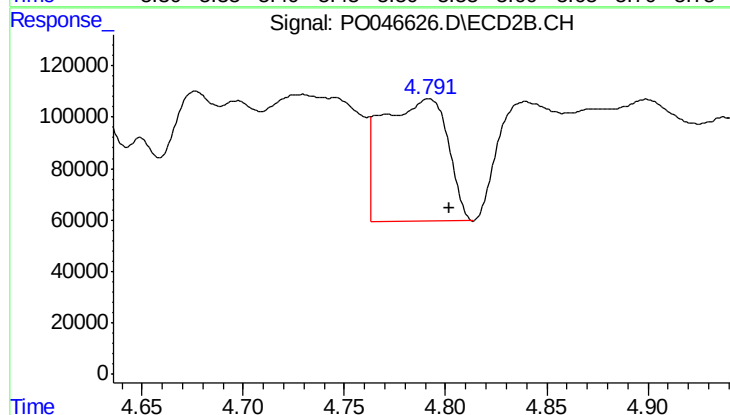
#16 AR-1242-1

R.T.: 4.626 min  
Delta R.T.: -0.002 min  
Response: 1111211  
Conc: 116.00 ng/ml



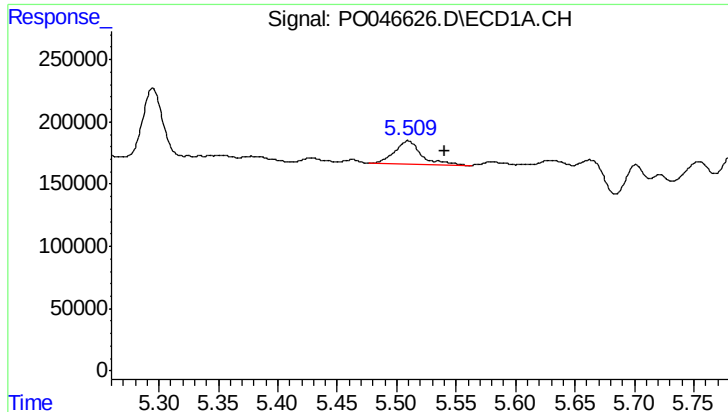
#17 AR-1242-2

R.T.: 5.510 min  
Delta R.T.: 0.066 min  
Response: 295488  
Conc: 45.64 ng/ml



#17 AR-1242-2

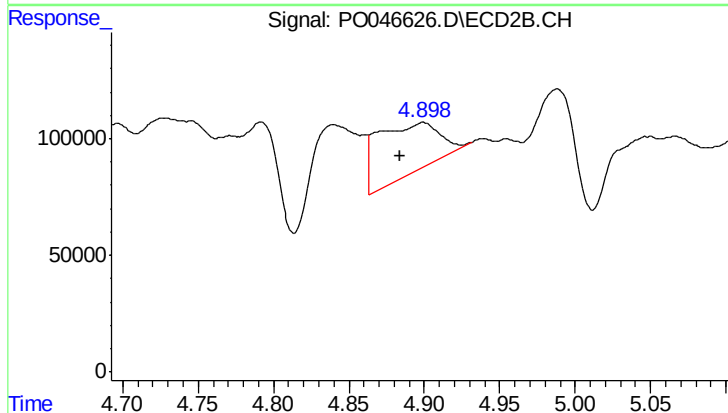
R.T.: 4.791 min  
Delta R.T.: -0.011 min  
Response: 1075398  
Conc: 193.75 ng/ml



#18 AR-1242-3

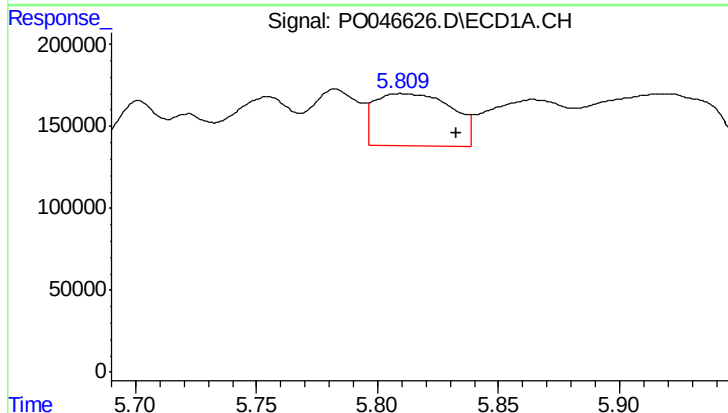
R.T.: 5.510 min  
Delta R.T.: -0.030 min  
Response: 295488  
Conc: 54.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



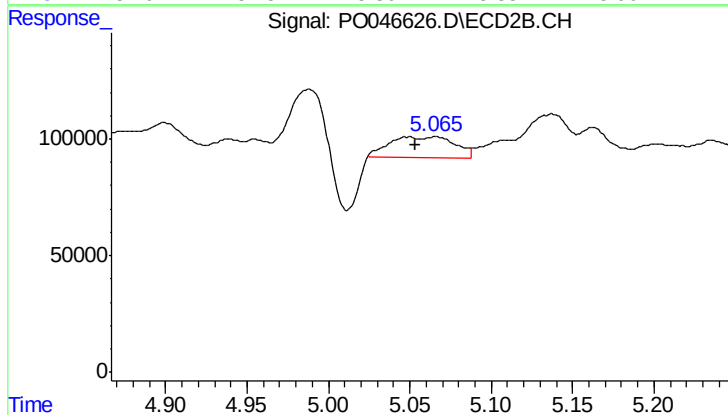
#18 AR-1242-3

R.T.: 4.899 min  
Delta R.T.: 0.015 min  
Response: 624354  
Conc: 120.24 ng/ml



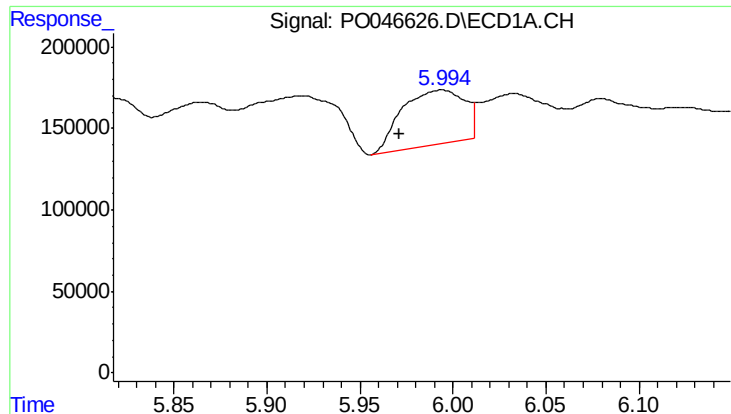
#19 AR-1242-4

R.T.: 5.809 min  
Delta R.T.: -0.023 min  
Response: 715433  
Conc: 133.92 ng/ml



#19 AR-1242-4

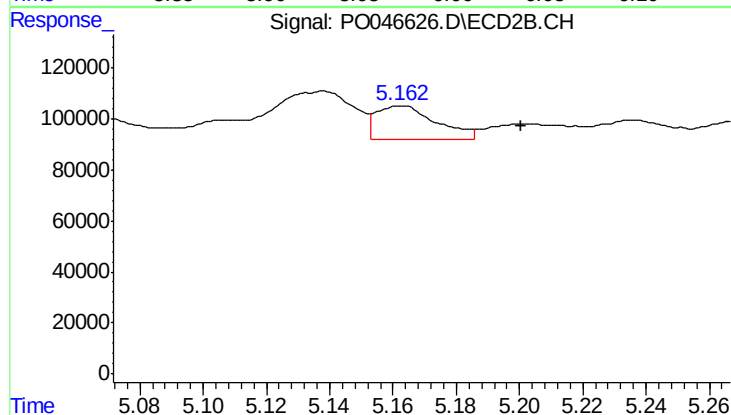
R.T.: 5.066 min  
Delta R.T.: 0.012 min  
Response: 249708  
Conc: 44.00 ng/ml



#20 AR-1242-5

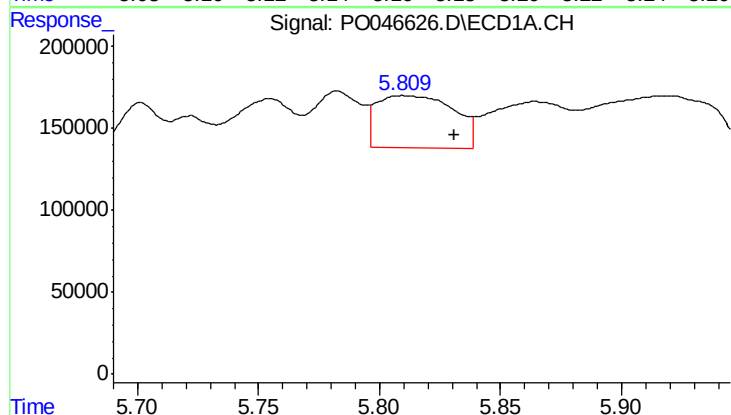
R.T.: 5.994 min  
Delta R.T.: 0.022 min  
Response: 772117  
Conc: 128.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



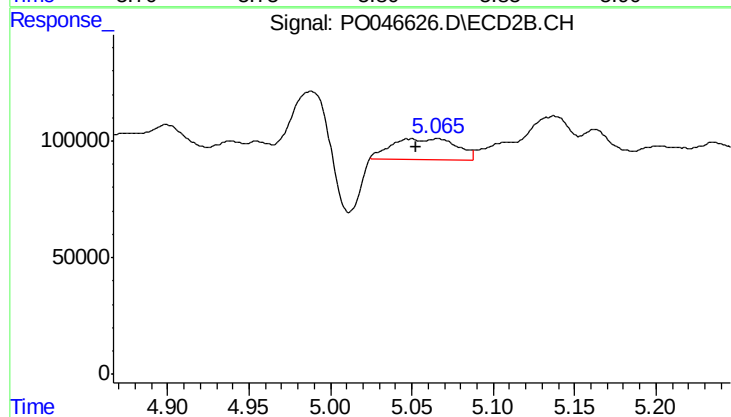
#20 AR-1242-5

R.T.: 5.162 min  
Delta R.T.: -0.038 min  
Response: 173831  
Conc: 33.56 ng/ml



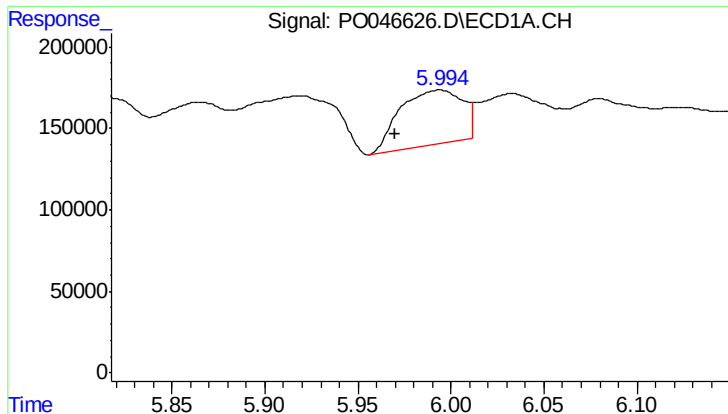
#21 AR-1248-1

R.T.: 5.809 min  
Delta R.T.: -0.022 min  
Response: 715433  
Conc: 90.17 ng/ml



#21 AR-1248-1

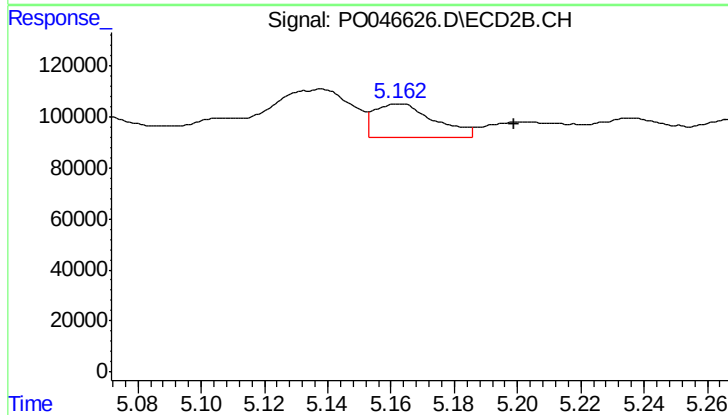
R.T.: 5.066 min  
Delta R.T.: 0.013 min  
Response: 249708  
Conc: 29.53 ng/ml



#22 AR-1248-2

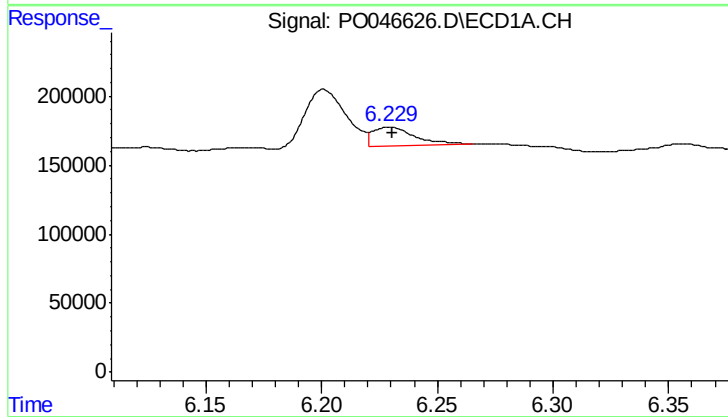
R.T.: 5.994 min  
Delta R.T.: 0.024 min  
Response: 772117  
Conc: 109.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



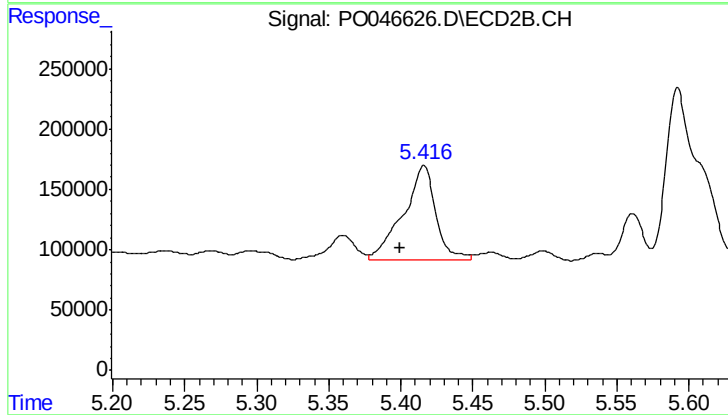
#22 AR-1248-2

R.T.: 5.162 min  
Delta R.T.: -0.037 min  
Response: 173831  
Conc: 27.23 ng/ml



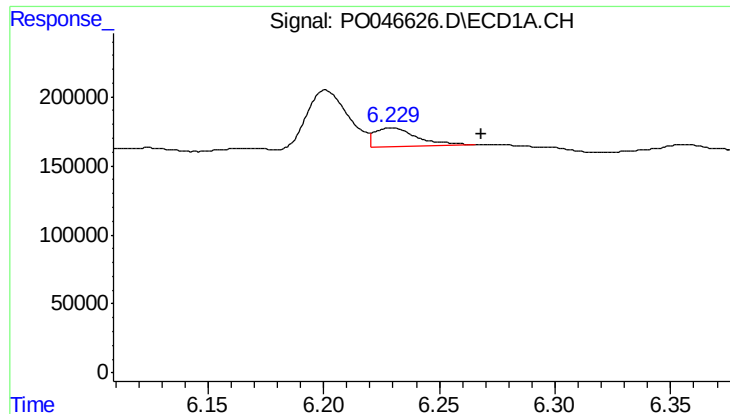
#23 AR-1248-3

R.T.: 6.229 min  
Delta R.T.: -0.001 min  
Response: 174990  
Conc: 19.10 ng/ml



#23 AR-1248-3

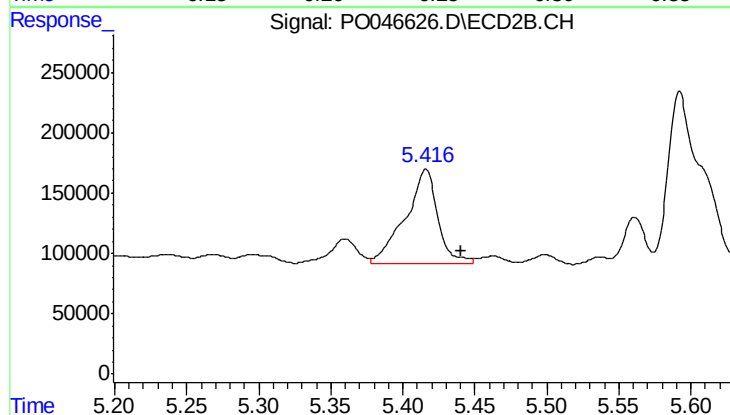
R.T.: 5.416 min  
Delta R.T.: 0.016 min  
Response: 1245285  
Conc: 101.20 ng/ml



#24 AR-1248-4

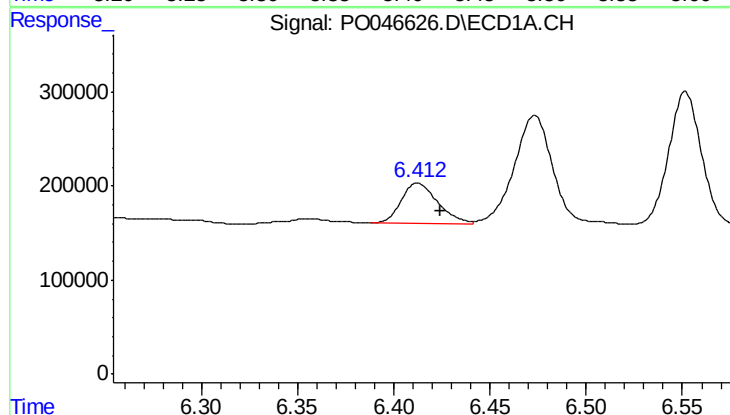
R.T.: 6.229 min  
Delta R.T.: -0.039 min  
Response: 174990  
Conc: 19.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



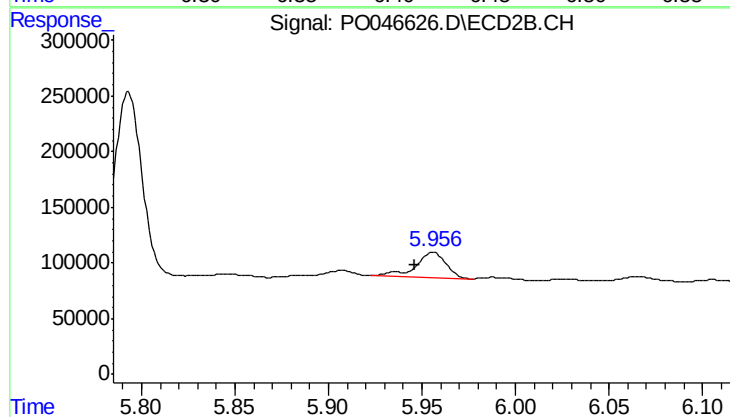
#24 AR-1248-4

R.T.: 5.416 min  
Delta R.T.: -0.025 min  
Response: 1245285  
Conc: 143.06 ng/ml



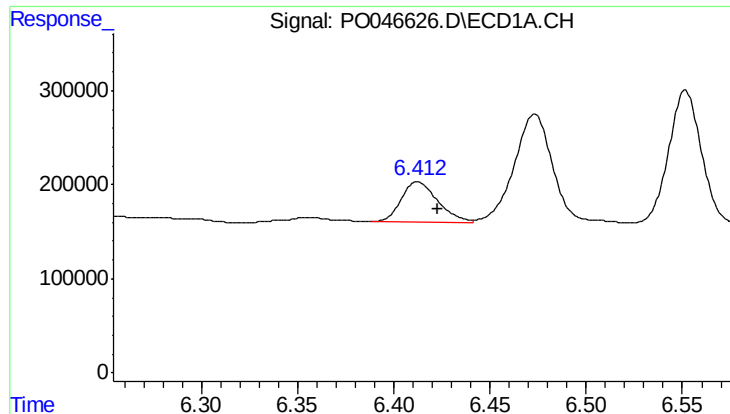
#25 AR-1248-5

R.T.: 6.412 min  
Delta R.T.: -0.012 min  
Response: 562936  
Conc: 61.86 ng/ml



#25 AR-1248-5

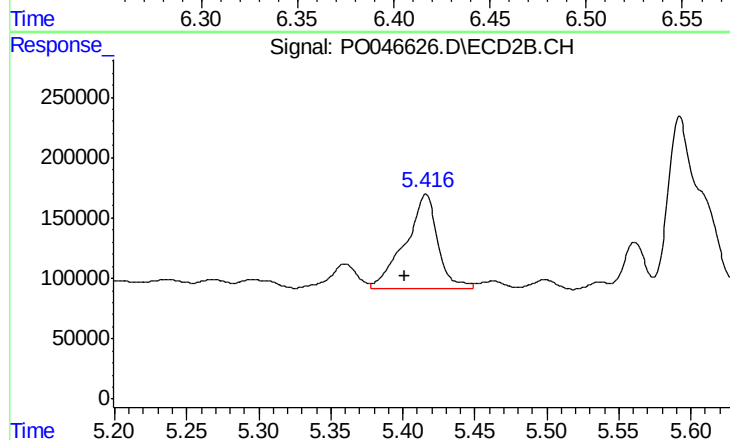
R.T.: 5.956 min  
Delta R.T.: 0.010 min  
Response: 257645  
Conc: 44.01 ng/ml



#26 AR-1254-1

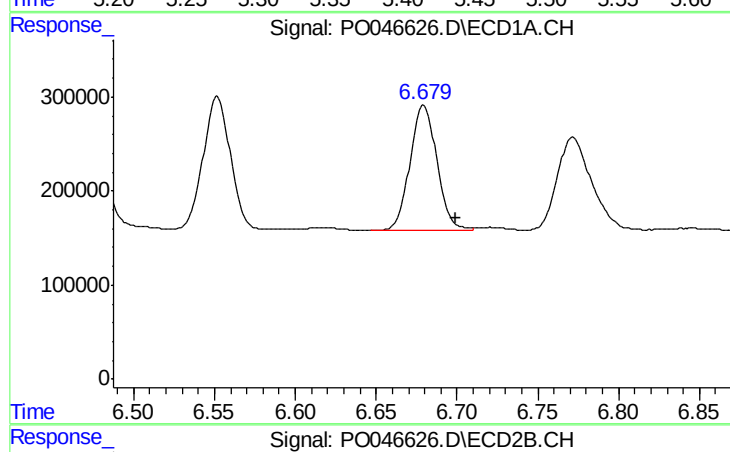
R.T.: 6.412 min  
Delta R.T.: -0.011 min  
Response: 562936  
Conc: 40.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



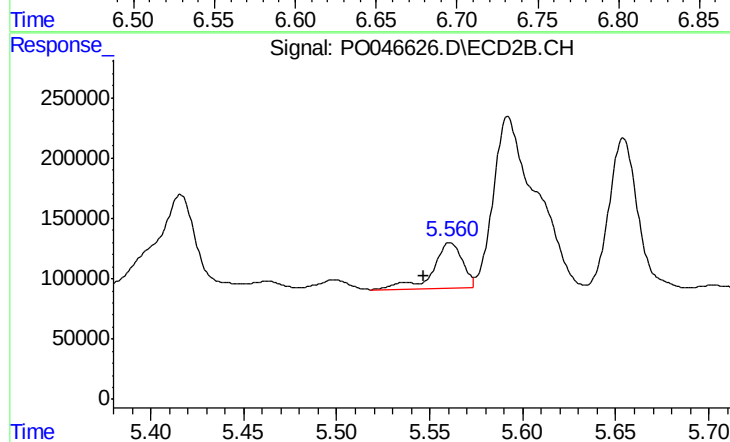
#26 AR-1254-1

R.T.: 5.416 min  
Delta R.T.: 0.014 min  
Response: 1245285  
Conc: 93.13 ng/ml



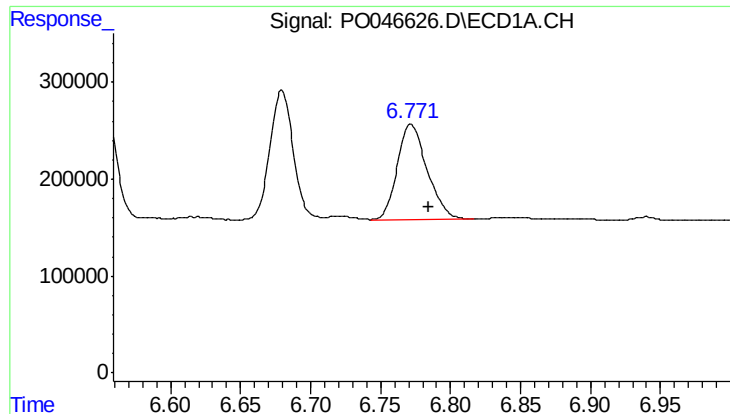
#27 AR-1254-2

R.T.: 6.679 min  
Delta R.T.: -0.020 min  
Response: 1557275  
Conc: 176.80 ng/ml



#27 AR-1254-2

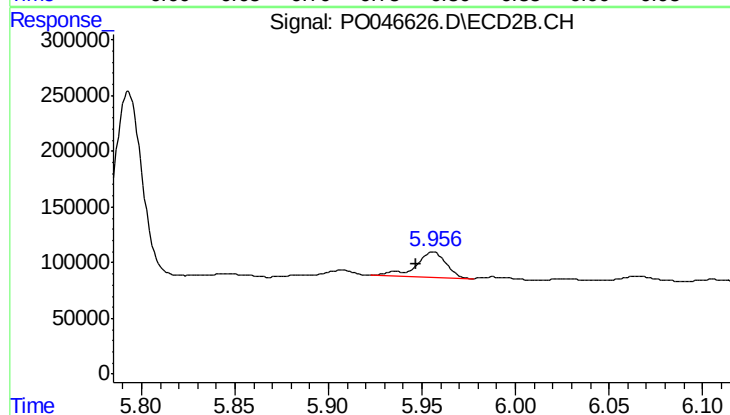
R.T.: 5.561 min  
Delta R.T.: 0.014 min  
Response: 421624  
Conc: 36.48 ng/ml



#28 AR-1254-3

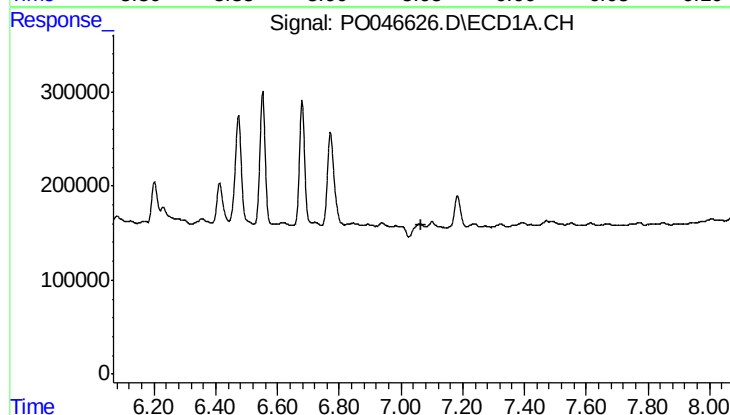
R.T.: 6.772 min  
Delta R.T.: -0.013 min  
Response: 1457069  
Conc: 95.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



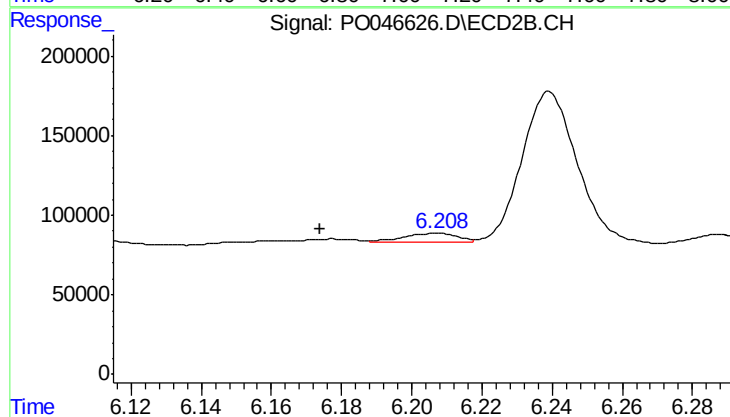
#28 AR-1254-3

R.T.: 5.956 min  
Delta R.T.: 0.009 min  
Response: 257645  
Conc: 13.09 ng/ml



#29 AR-1254-4

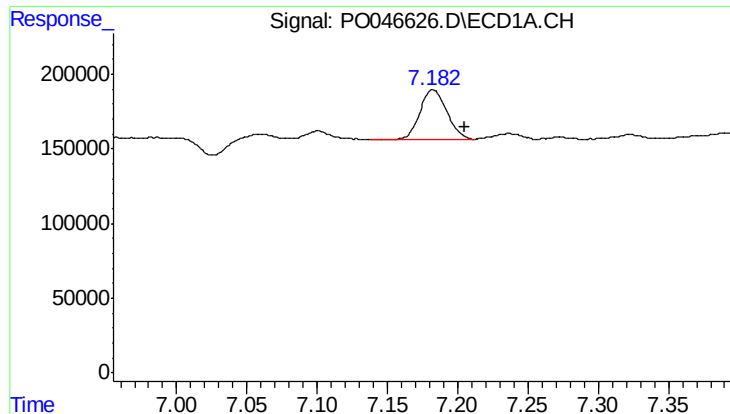
R.T.: 7.060 min  
Delta R.T.: -0.008 min  
Response: -64755  
Conc: N.D.



#29 AR-1254-4

R.T.: 6.207 min  
Delta R.T.: 0.033 min  
Response: 55288  
Conc: 4.38 ng/ml

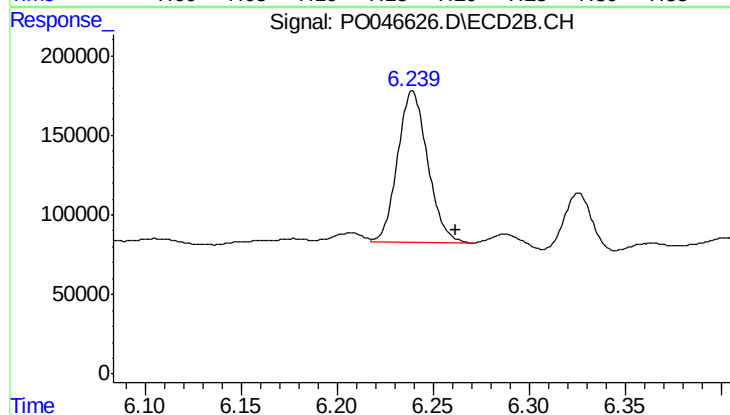




#32 AR-1260-2

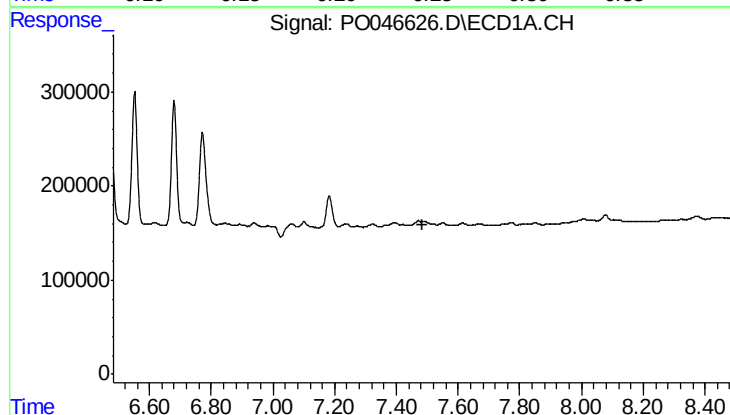
R.T.: 7.183 min  
Delta R.T.: -0.022 min  
Response: 453472  
Conc: 33.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



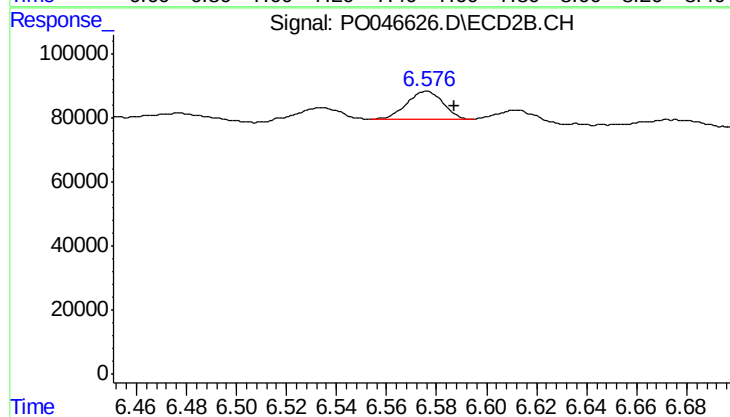
#32 AR-1260-2

R.T.: 6.239 min  
Delta R.T.: -0.023 min  
Response: 1035697  
Conc: 64.95 ng/ml



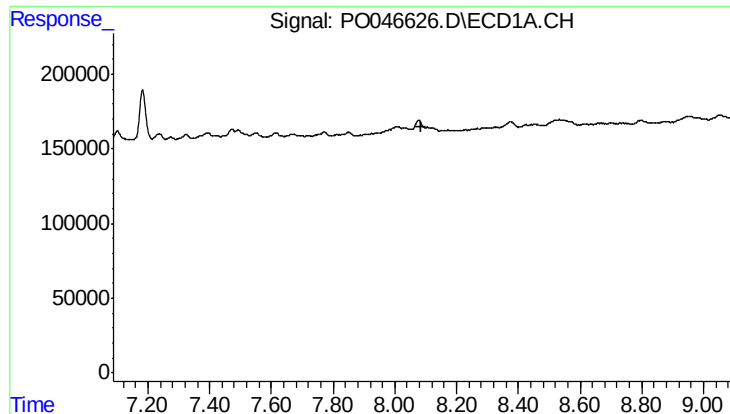
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 7.483 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

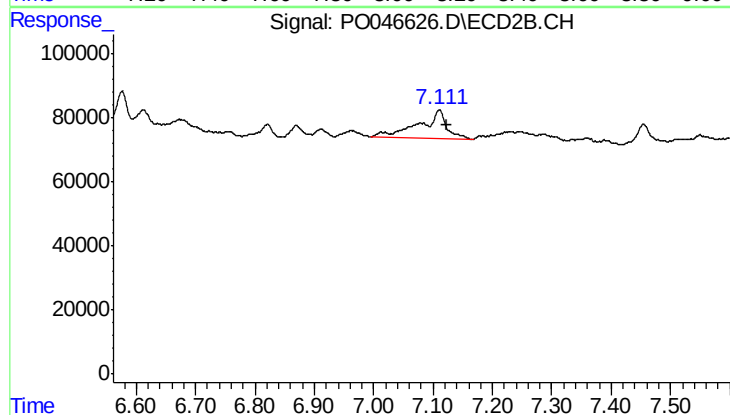
R.T.: 6.576 min  
Delta R.T.: -0.011 min  
Response: 88394  
Conc: 4.93 ng/ml



#34 AR-1260-4

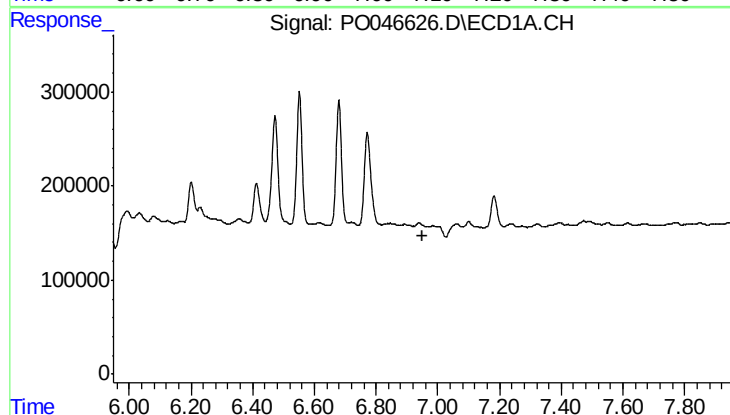
R.T.: 0.000 min  
Exp R.T.: 8.088 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



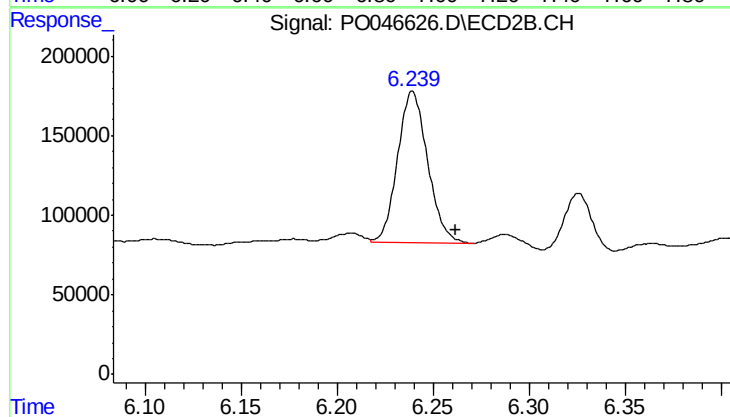
#34 AR-1260-4

R.T.: 7.111 min  
Delta R.T.: -0.012 min  
Response: 281764  
Conc: 10.14 ng/ml



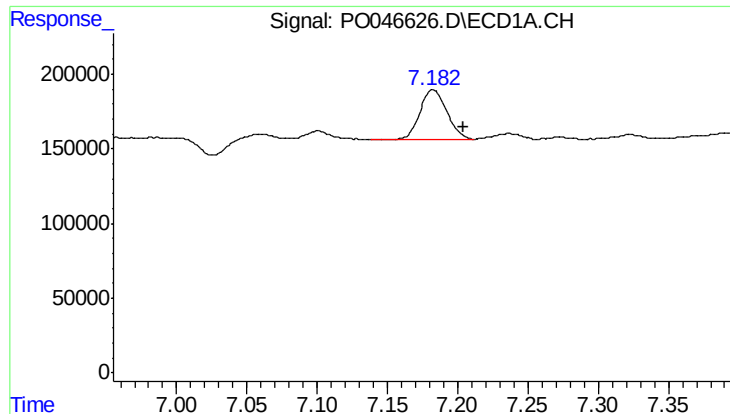
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 6.949 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

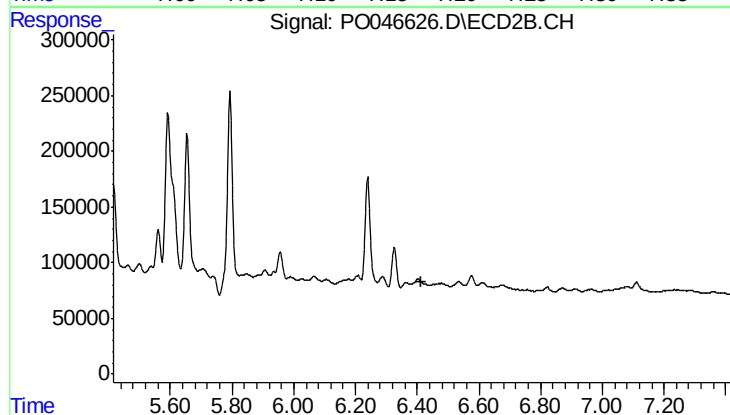
R.T.: 6.239 min  
Delta R.T.: -0.022 min  
Response: 1035697  
Conc: 79.08 ng/ml



#37 AR-1262-2

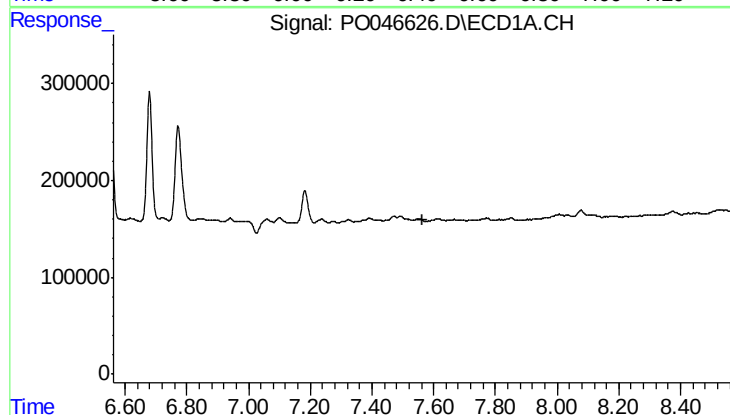
R.T.: 7.183 min  
Delta R.T.: -0.022 min  
Response: 453472  
Conc: 40.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



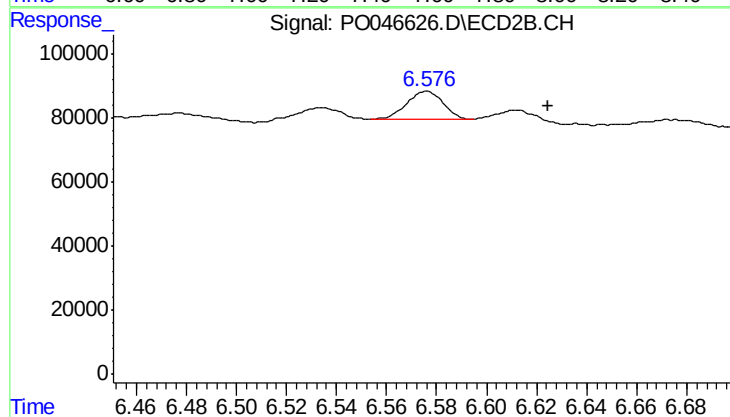
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 6.415 min  
Response: 0  
Conc: N.D.



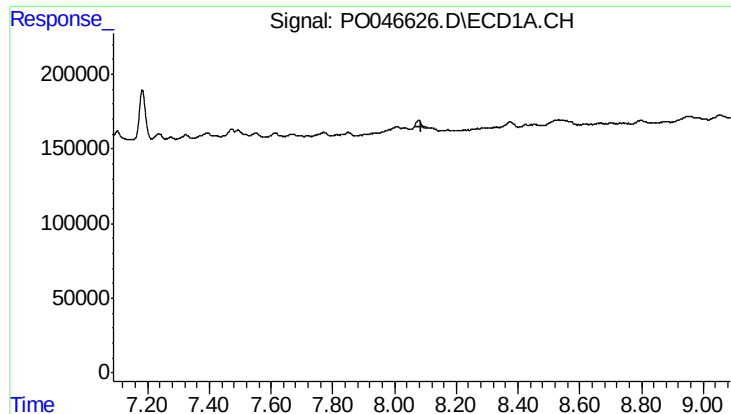
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 7.562 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

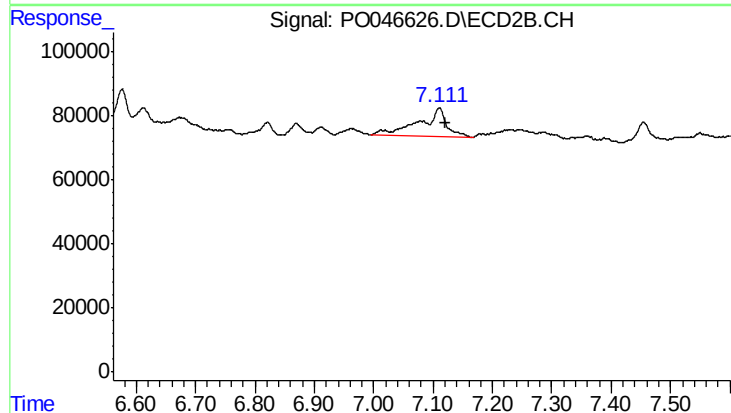
R.T.: 6.576 min  
Delta R.T.: -0.049 min  
Response: 88394  
Conc: 5.05 ng/ml



#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 8.088 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
EO-01-071018-B



#40 AR-1262-5

R.T.: 7.111 min  
Delta R.T.: -0.011 min  
Response: 281764  
Conc: 9.13 ng/ml