

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP041521\  
 Data File : PP034930.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Apr 2021 20:12  
 Operator : DD\AJ  
 Sample : M2049-08  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 05:54:59 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP033021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 31 06:02:19 2021  
 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... | 4.843  | 4.258  | 1638507 | 1039831 | 21.479  | 23.147    |
| 2)                          | SA Decachlor... | 10.758 | 9.553  | 1551882 | 637490  | 20.160  | 22.577    |
|                             |                 |        |        |         |         |         |           |
| Target Compounds            |                 |        |        |         |         |         |           |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.985f | 0       | 7800    | N.D.    | 8.528 #   |
| 8)                          | L2 AR-1221-1    | 5.093  | 0.000  | 326450  | 0       | 446.568 | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.194  | 4.591f | 23173   | 179463  | 40.681  | 514.408 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.700  | 0       | 6882    | N.D.    | 6.560 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.700  | 0       | 6882    | N.D.    | 8.147 #   |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.985f | 0       | 7800    | N.D.    | 21.943 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.375  | 0       | 5076    | N.D.    | 6.190 #   |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.985f | 0       | 7800    | N.D.    | 6.180 #   |
| 26)                         | L6 AR-1254-1    | 0.000  | 6.375  | 0       | 5076    | N.D.    | 2.751 #   |
| 27)                         | L6 AR-1254-2    | 7.301  | 0.000  | 13776   | 0       | 3.240   | N.D. #    |
| 28)                         | L6 AR-1254-3    | 7.691f | 6.957  | 19386   | 8569    | 4.247   | 3.434     |
| 29)                         | L6 AR-1254-4    | 0.000  | 7.192  | 0       | 3138    | N.D.    | 2.387 #   |
| 30)                         | L6 AR-1254-5    | 8.396  | 7.612  | 16659   | 10168   | 4.688   | 5.003     |
| 31)                         | L7 AR-1260-1    | 7.837  | 0.000  | 5026    | 0       | 1.619   | N.D. #    |
| 32)                         | L7 AR-1260-2    | 8.102  | 7.276  | 25442   | 10594   | 6.775   | 5.865     |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.445  | 0       | 9644    | N.D.    | 5.559 #   |
| 34)                         | L7 AR-1260-4    | 8.671f | 7.897f | 27096   | 9824    | 7.761   | 6.852     |
| 35)                         | L7 AR-1260-5    | 0.000  | 8.159  | 0       | 5731    | N.D.    | 1.678 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.612  | 0       | 10168   | N.D.    | 9.468 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 8.159  | 0       | 5731    | N.D.    | 1.670 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.452  | 0       | 7091    | N.D.    | 4.733 #   |
| 39)                         | L8 AR-1262-4    | 9.396  | 8.494f | 19963   | 6905    | 4.495   | 2.507 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 9.003  | 0       | 9598    | N.D.    | 8.458 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.452  | 0       | 7091    | N.D.    | 1.641 #   |
| 42)                         | L9 AR-1268-2    | 9.396  | 8.494f | 19963   | 6905    | 2.087   | 1.668     |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.695f | 0       | 18357   | N.D.    | 5.046 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 9.003  | 0       | 9598    | N.D.    | 7.451 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.298  | 0       | 7678    | N.D.    | 0.739 #   |
| -----                       |                 |        |        |         |         |         |           |

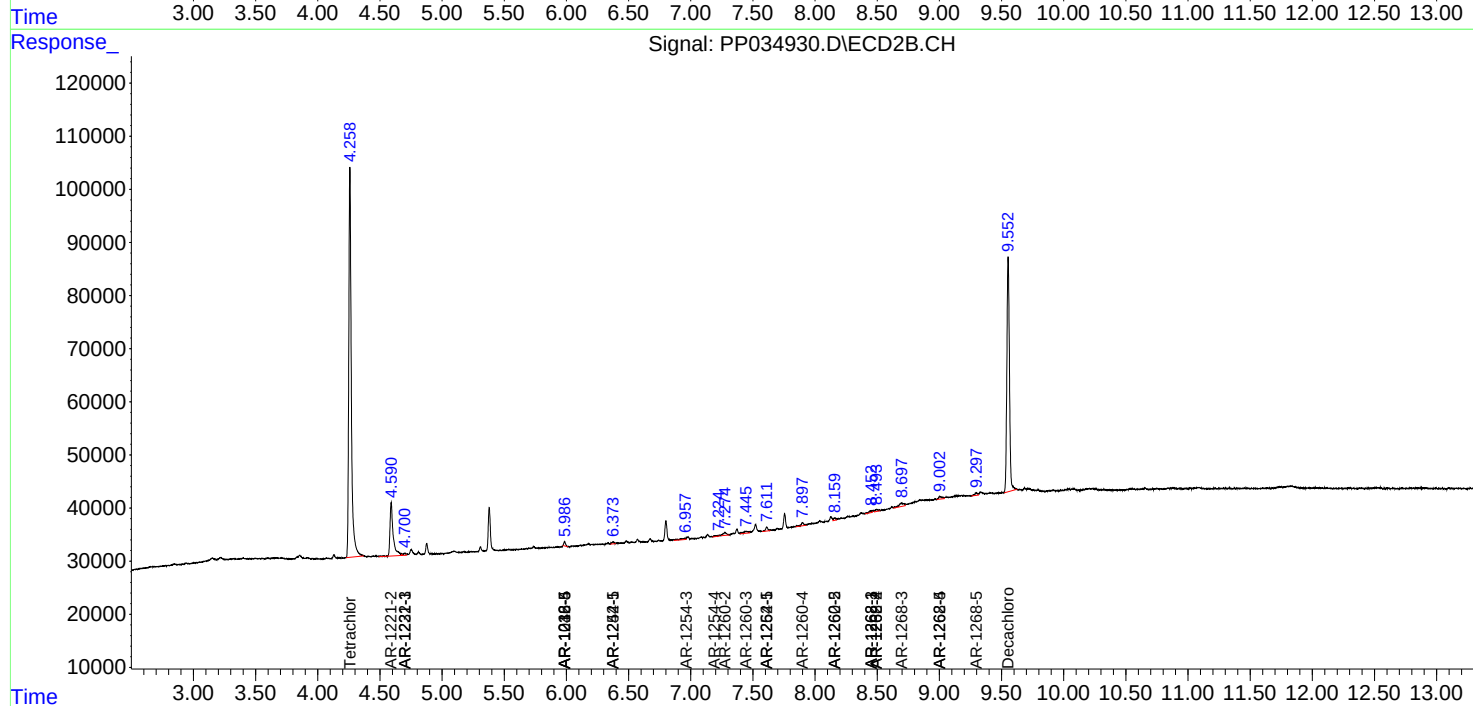
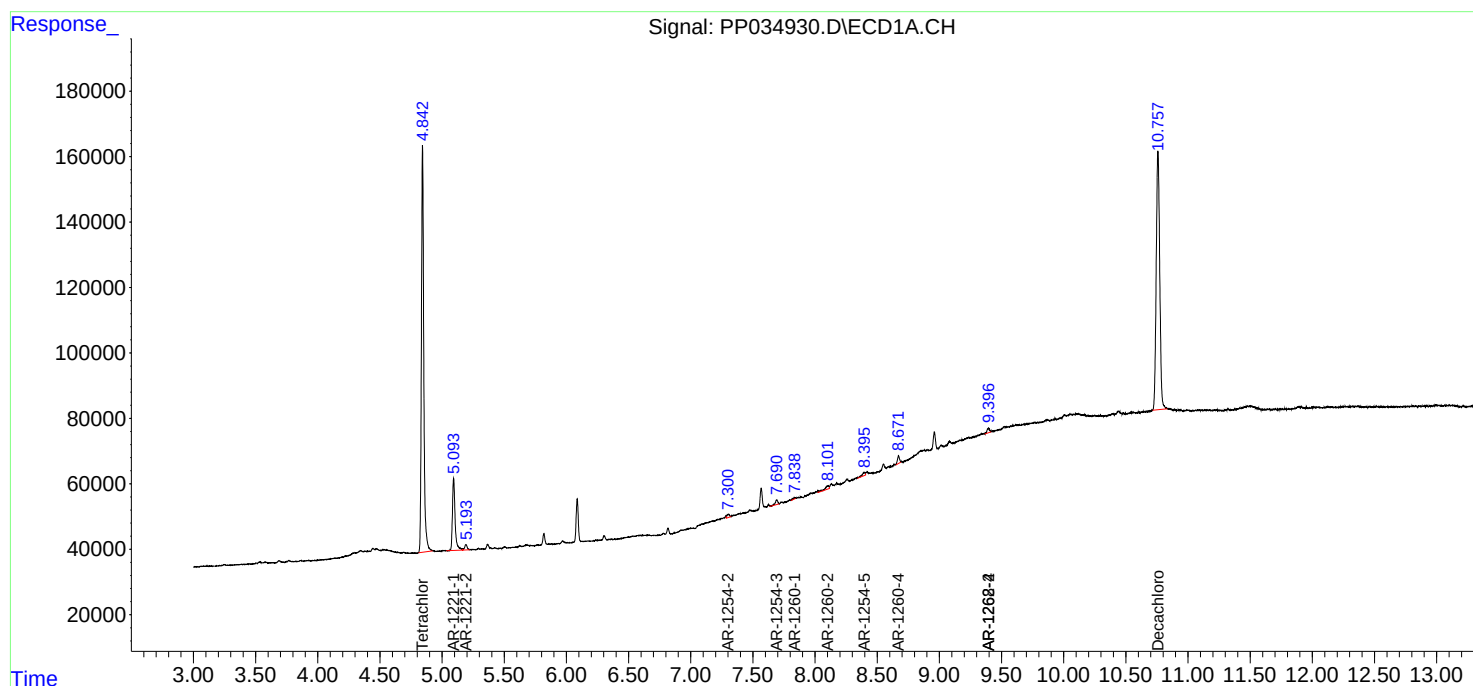
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

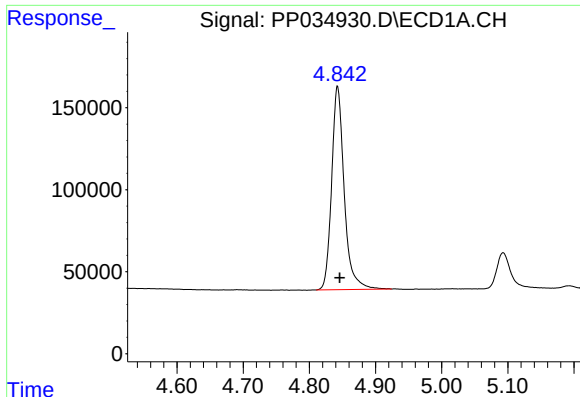
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP041521\  
Data File : PP034930.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Apr 2021 20:12  
Operator : DD\AJ  
Sample : M2049-08  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 16 05:54:59 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP033021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 31 06:02:19 2021  
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

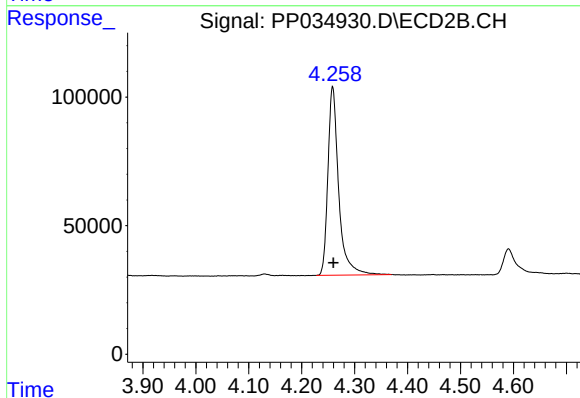




#1 Tetrachloro-m-xylene

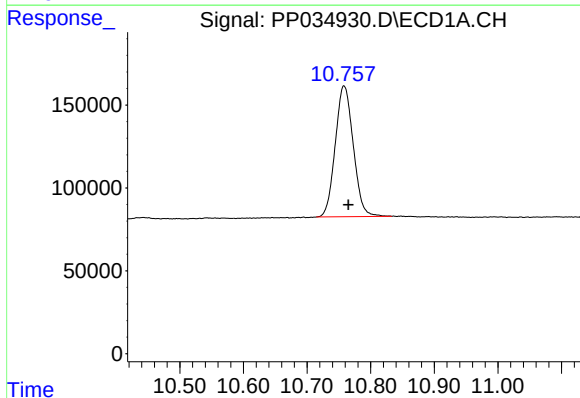
R.T.: 4.843 min  
Delta R.T.: -0.003 min  
Response: 1638507  
Conc: 21.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



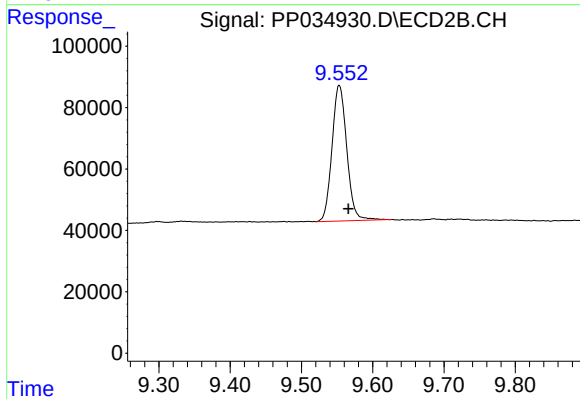
#1 Tetrachloro-m-xylene

R.T.: 4.258 min  
Delta R.T.: -0.001 min  
Response: 1039831  
Conc: 23.15 ng/ml



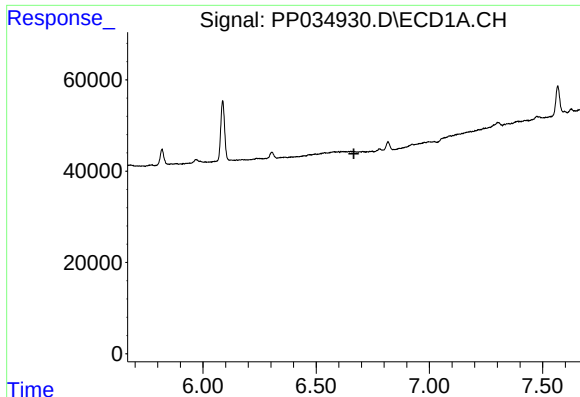
#2 Decachlorobiphenyl

R.T.: 10.758 min  
Delta R.T.: -0.007 min  
Response: 1551882  
Conc: 20.16 ng/ml



#2 Decachlorobiphenyl

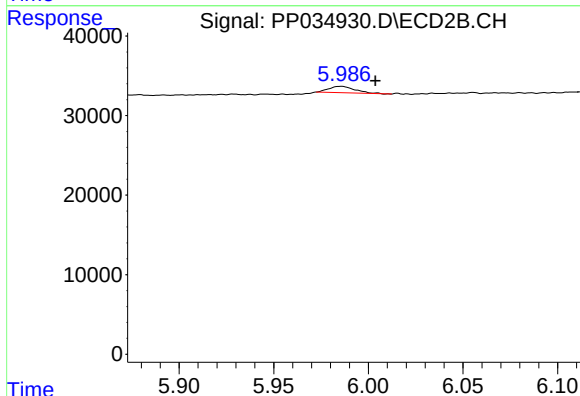
R.T.: 9.553 min  
Delta R.T.: -0.013 min  
Response: 637490  
Conc: 22.58 ng/ml



#7 AR-1016-5

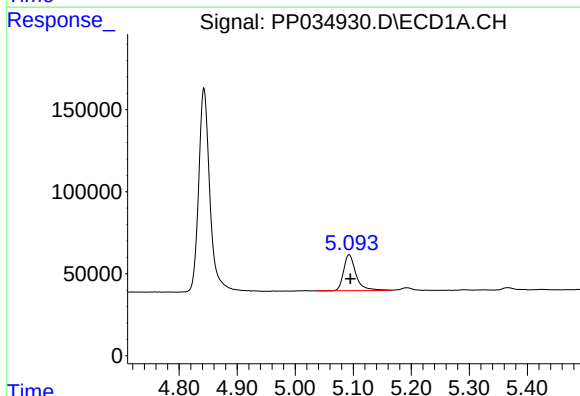
R.T.: 0.000 min  
Exp R.T.: 6.666 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



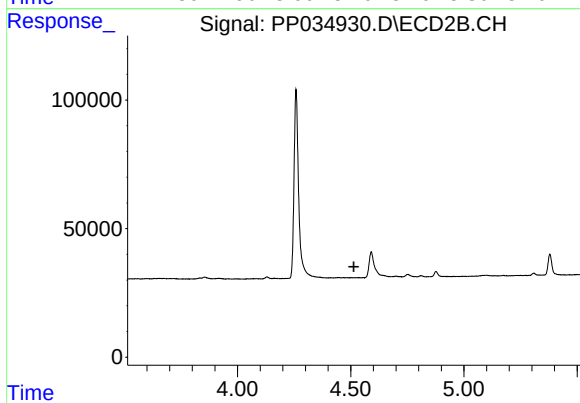
#7 AR-1016-5

R.T.: 5.985 min  
Delta R.T.: -0.018 min  
Response: 7800  
Conc: 8.53 ng/ml



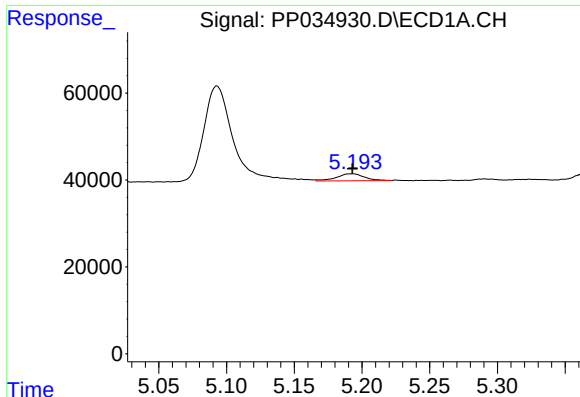
#8 AR-1221-1

R.T.: 5.093 min  
Delta R.T.: -0.002 min  
Response: 326450  
Conc: 446.57 ng/ml



#8 AR-1221-1

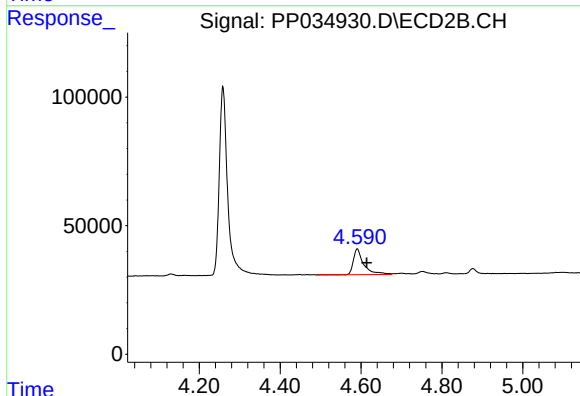
R.T.: 0.000 min  
Exp R.T.: 4.514 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

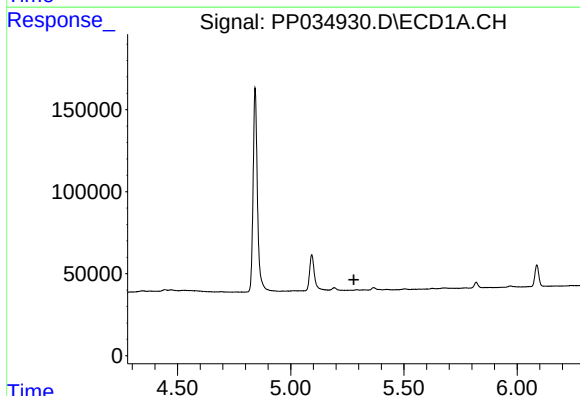
R.T.: 5.194 min  
Delta R.T.: 0.000 min  
Response: 23173  
Conc: 40.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



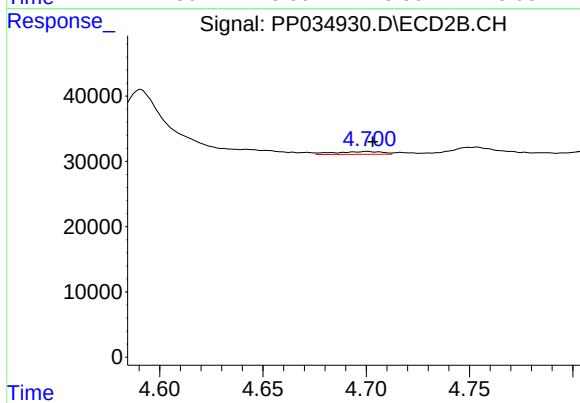
#9 AR-1221-2

R.T.: 4.591 min  
Delta R.T.: -0.024 min  
Response: 179463  
Conc: 514.41 ng/ml



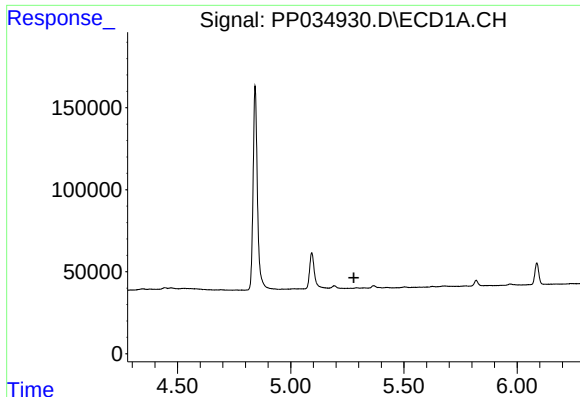
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 5.279 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

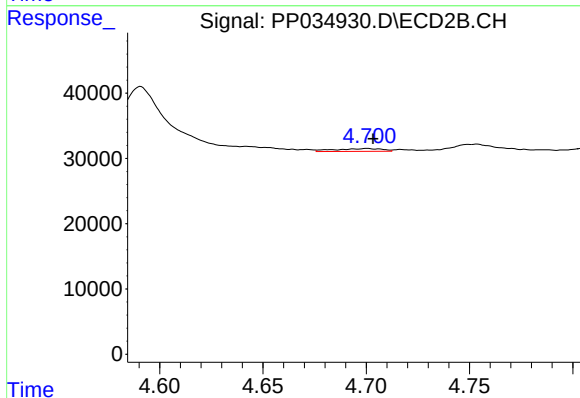
R.T.: 4.700 min  
Delta R.T.: -0.003 min  
Response: 6882  
Conc: 6.56 ng/ml



#11 AR-1232-1

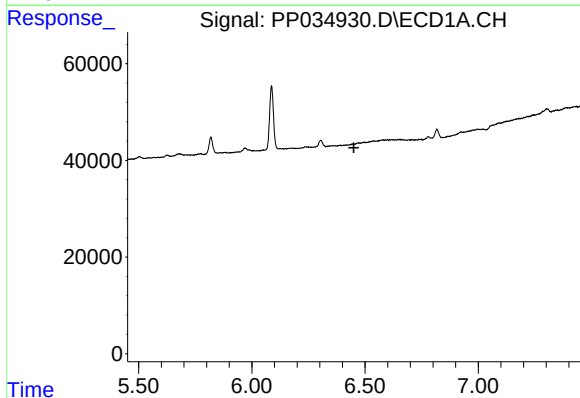
R.T.: 0.000 min  
Exp R.T.: 5.279 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



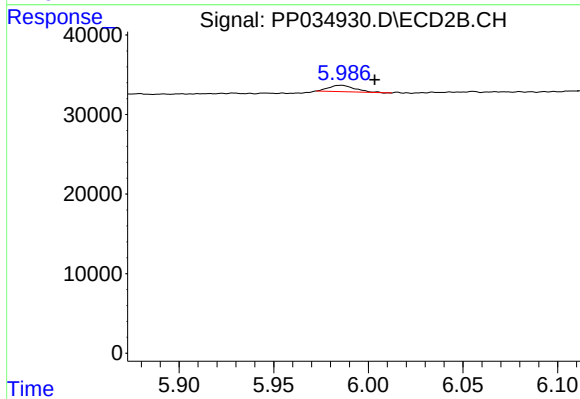
#11 AR-1232-1

R.T.: 4.700 min  
Delta R.T.: -0.003 min  
Response: 6882  
Conc: 8.15 ng/ml



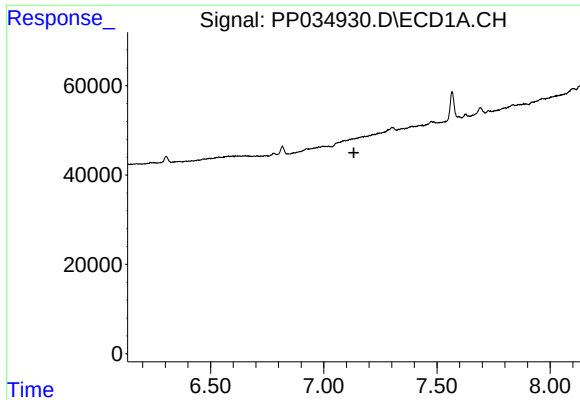
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 6.451 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

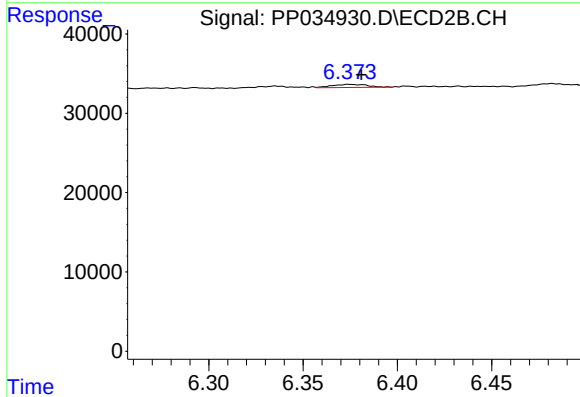
R.T.: 5.985 min  
Delta R.T.: -0.018 min  
Response: 7800  
Conc: 21.94 ng/ml



#20 AR-1242-5

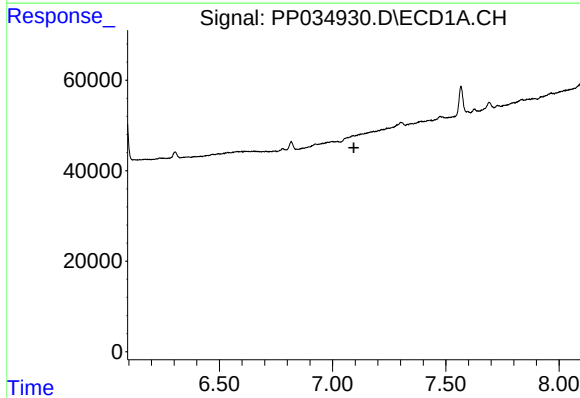
R.T.: 0.000 min  
Exp R.T.: 7.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



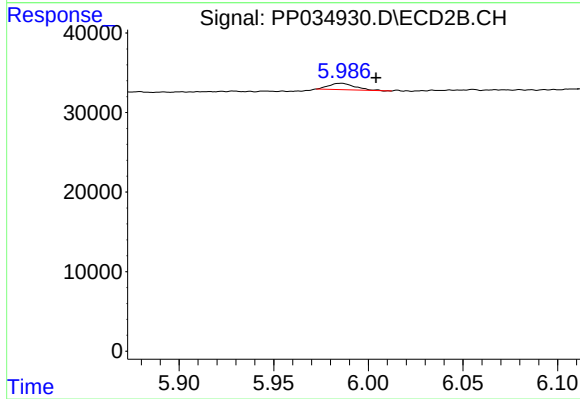
#20 AR-1242-5

R.T.: 6.375 min  
Delta R.T.: -0.006 min  
Response: 5076  
Conc: 6.19 ng/ml



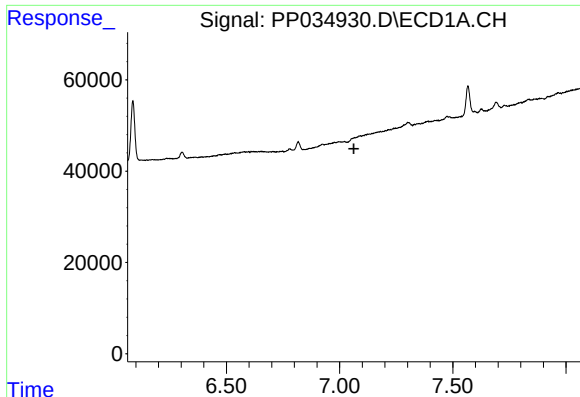
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 7.094 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

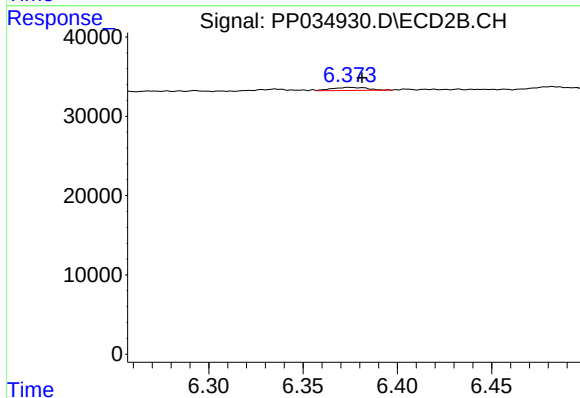
R.T.: 5.985 min  
Delta R.T.: -0.019 min  
Response: 7800  
Conc: 6.18 ng/ml



#26 AR-1254-1

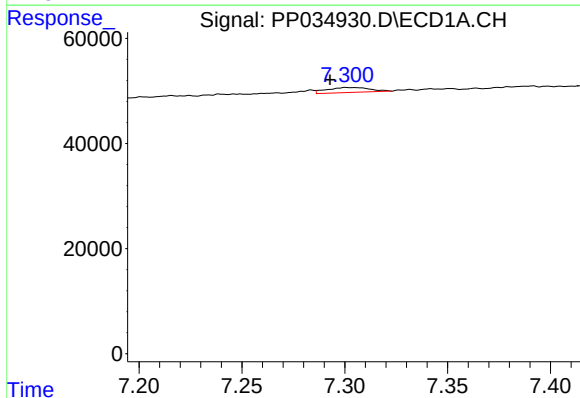
R.T.: 0.000 min  
Exp R.T.: 7.063 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



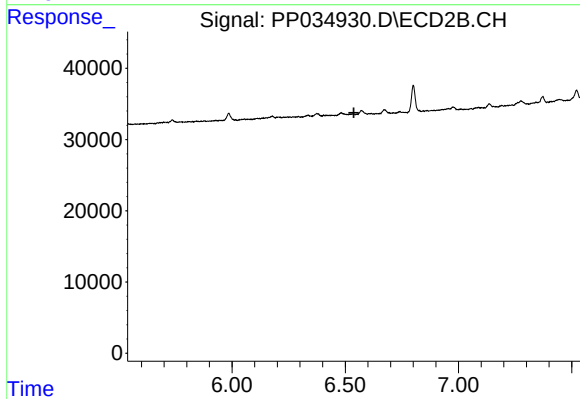
#26 AR-1254-1

R.T.: 6.375 min  
Delta R.T.: -0.007 min  
Response: 5076  
Conc: 2.75 ng/ml



#27 AR-1254-2

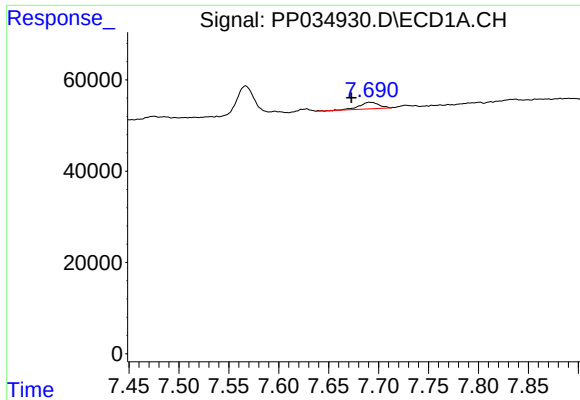
R.T.: 7.301 min  
Delta R.T.: 0.008 min  
Response: 13776  
Conc: 3.24 ng/ml



#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T.: 6.538 min  
Response: 0  
Conc: N.D.

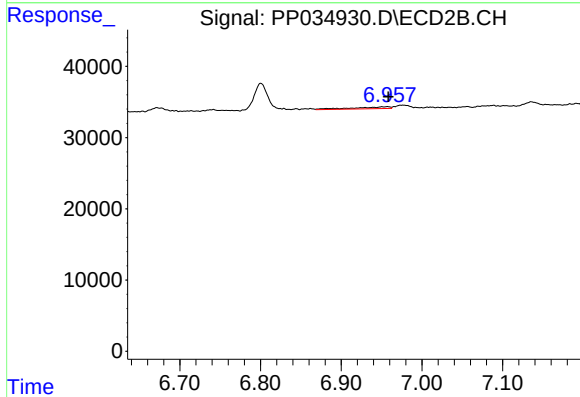




#28 AR-1254-3

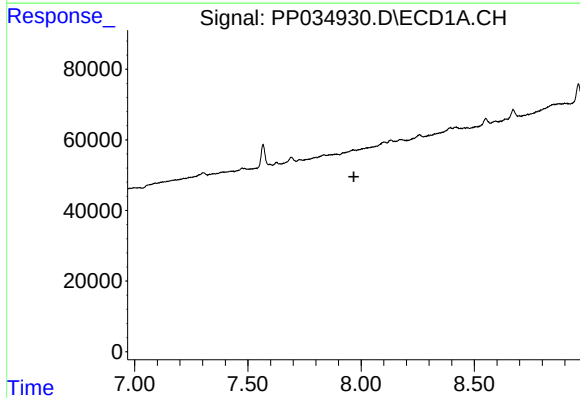
R.T.: 7.691 min  
Delta R.T.: 0.018 min  
Response: 19386  
Conc: 4.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



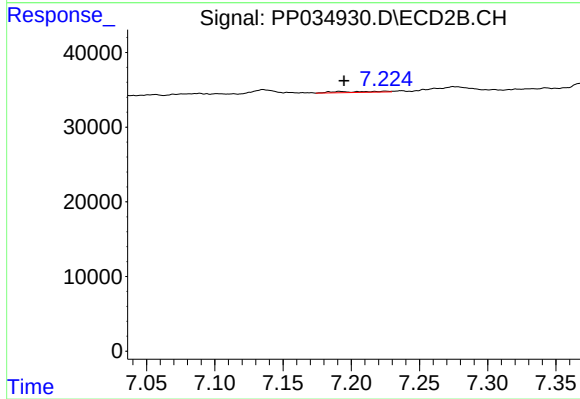
#28 AR-1254-3

R.T.: 6.957 min  
Delta R.T.: 0.000 min  
Response: 8569  
Conc: 3.43 ng/ml



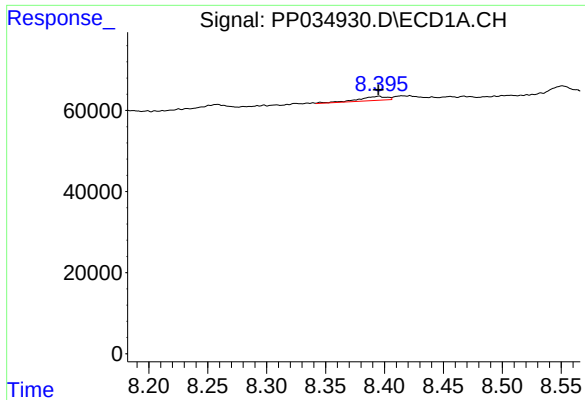
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.968 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

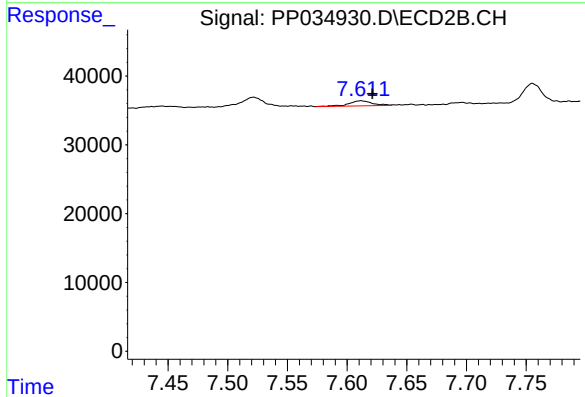
R.T.: 7.192 min  
Delta R.T.: -0.003 min  
Response: 3138  
Conc: 2.39 ng/ml



#30 AR-1254-5

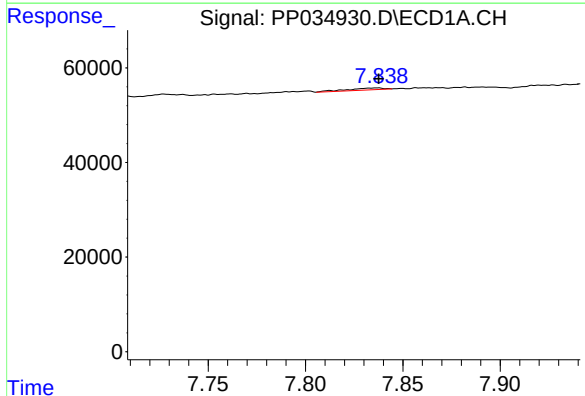
R.T.: 8.396 min  
Delta R.T.: 0.000 min  
Response: 16659  
Conc: 4.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



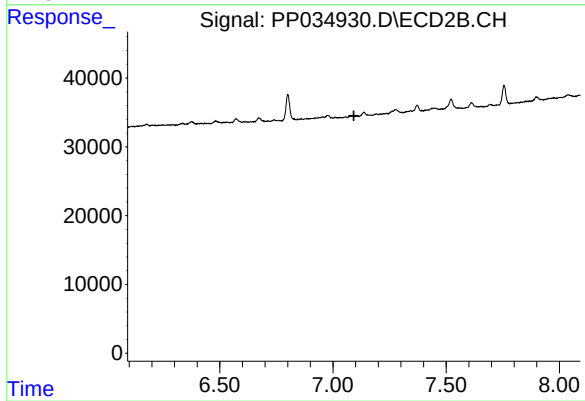
#30 AR-1254-5

R.T.: 7.612 min  
Delta R.T.: -0.010 min  
Response: 10168  
Conc: 5.00 ng/ml



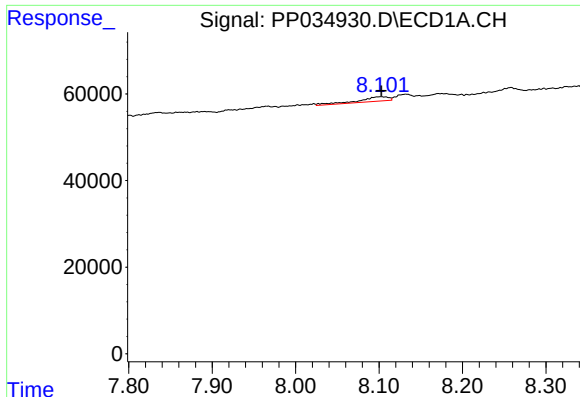
#31 AR-1260-1

R.T.: 7.837 min  
Delta R.T.: 0.000 min  
Response: 5026  
Conc: 1.62 ng/ml



#31 AR-1260-1

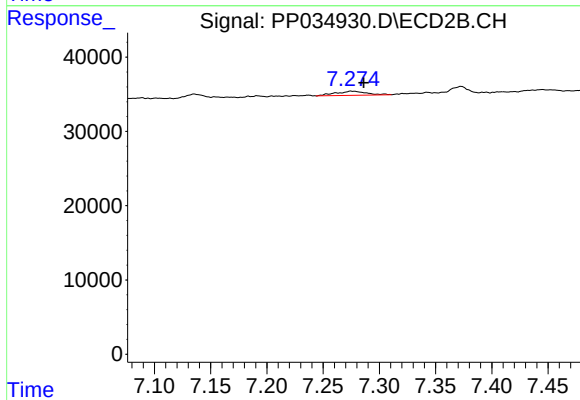
R.T.: 0.000 min  
Exp R.T.: 7.092 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

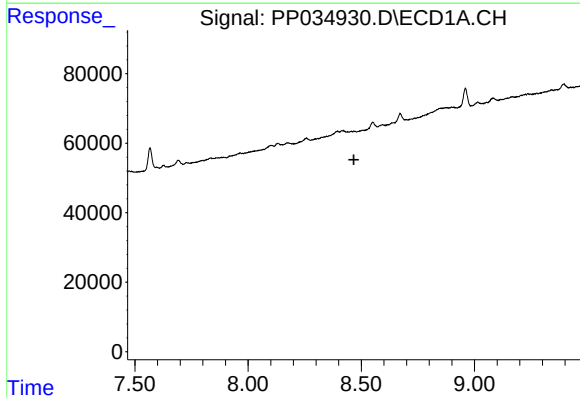
R.T.: 8.102 min  
Delta R.T.: 0.000 min  
Response: 25442  
Conc: 6.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



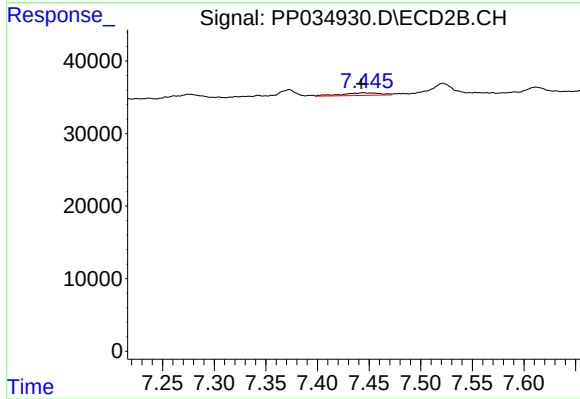
#32 AR-1260-2

R.T.: 7.276 min  
Delta R.T.: -0.010 min  
Response: 10594  
Conc: 5.86 ng/ml



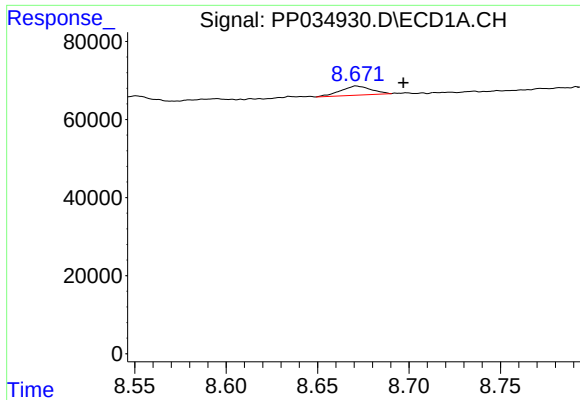
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.467 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

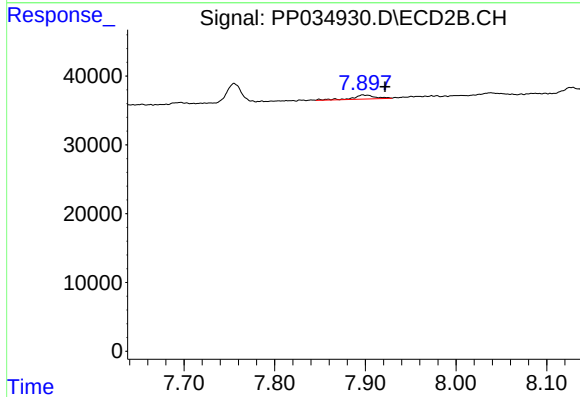
R.T.: 7.445 min  
Delta R.T.: 0.002 min  
Response: 9644  
Conc: 5.56 ng/ml



#34 AR-1260-4

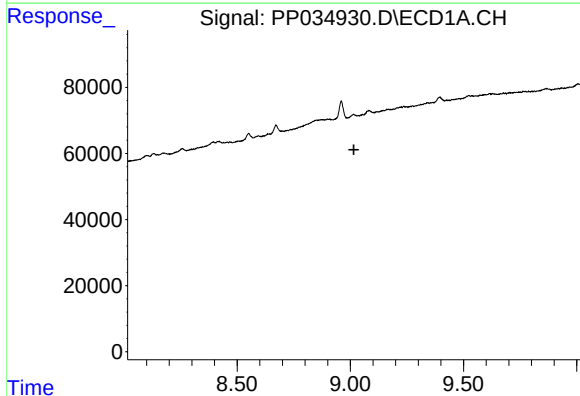
R.T.: 8.671 min  
Delta R.T.: -0.026 min  
Response: 27096  
Conc: 7.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



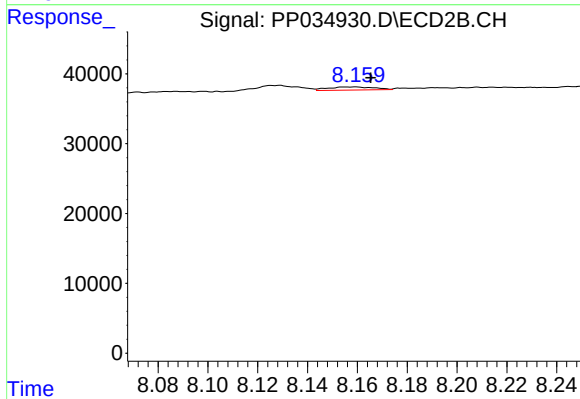
#34 AR-1260-4

R.T.: 7.897 min  
Delta R.T.: -0.024 min  
Response: 9824  
Conc: 6.85 ng/ml



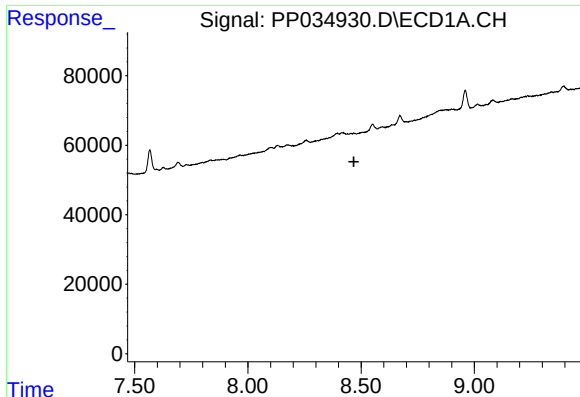
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 9.015 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

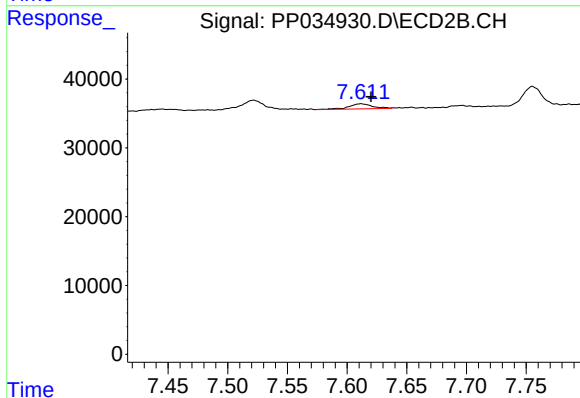
R.T.: 8.159 min  
Delta R.T.: -0.007 min  
Response: 5731  
Conc: 1.68 ng/ml



#36 AR-1262-1

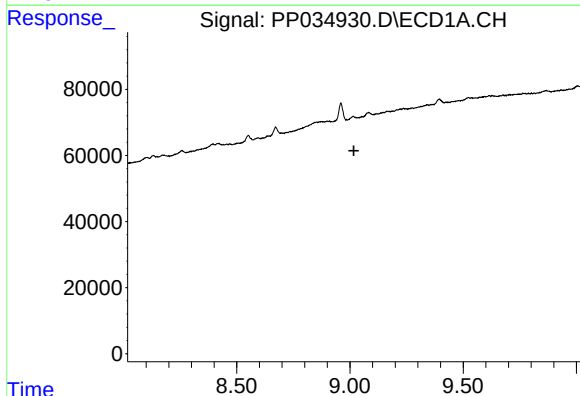
R.T.: 0.000 min  
Exp R.T. : 8.468 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



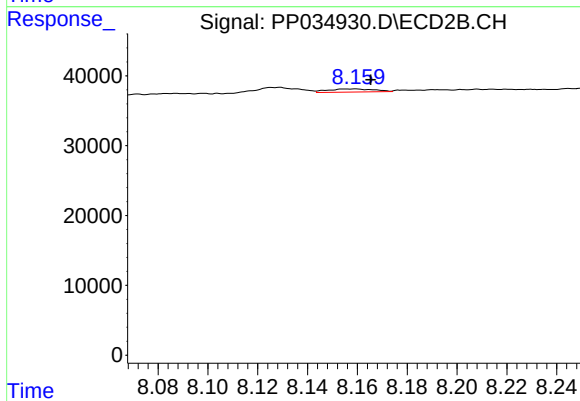
#36 AR-1262-1

R.T.: 7.612 min  
Delta R.T.: -0.008 min  
Response: 10168  
Conc: 9.47 ng/ml



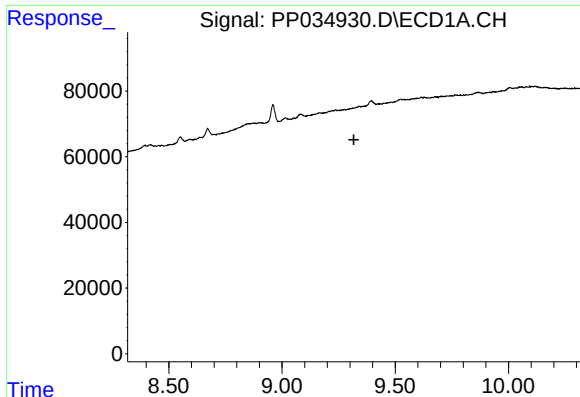
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 9.017 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

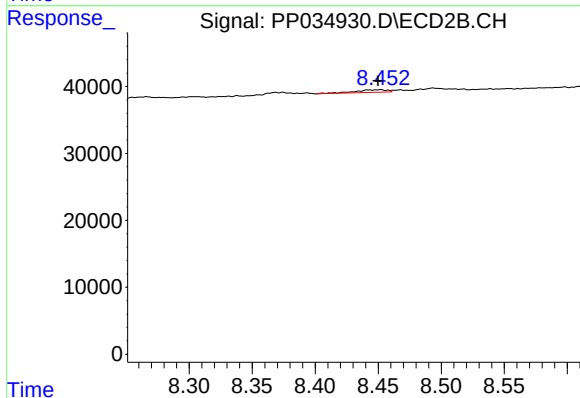
R.T.: 8.159 min  
Delta R.T.: -0.007 min  
Response: 5731  
Conc: 1.67 ng/ml



#38 AR-1262-3

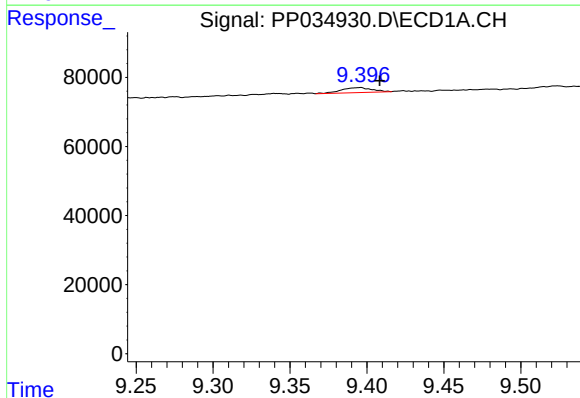
R.T.: 0.000 min  
Exp R.T.: 9.318 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



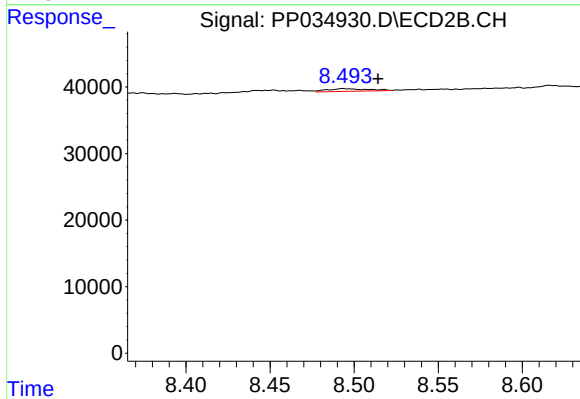
#38 AR-1262-3

R.T.: 8.452 min  
Delta R.T.: 0.002 min  
Response: 7091  
Conc: 4.73 ng/ml



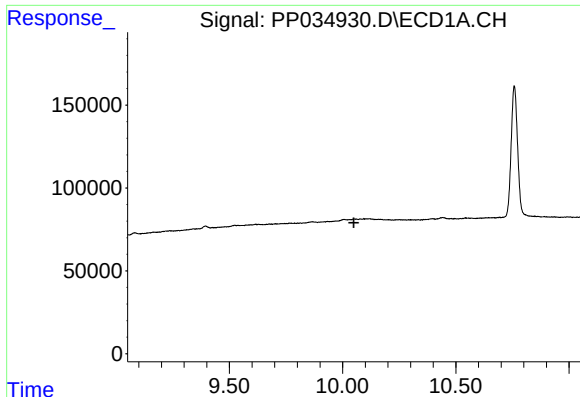
#39 AR-1262-4

R.T.: 9.396 min  
Delta R.T.: -0.012 min  
Response: 19963  
Conc: 4.50 ng/ml



#39 AR-1262-4

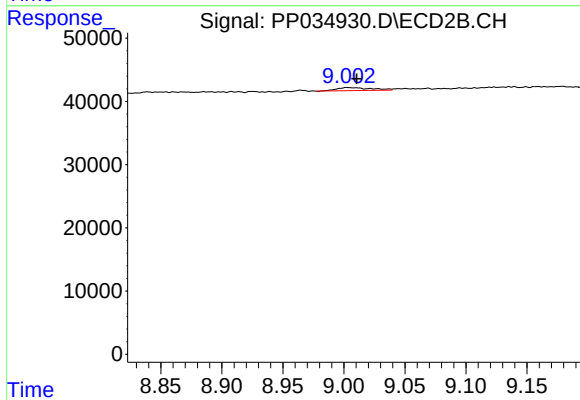
R.T.: 8.494 min  
Delta R.T.: -0.021 min  
Response: 6905  
Conc: 2.51 ng/ml



#40 AR-1262-5

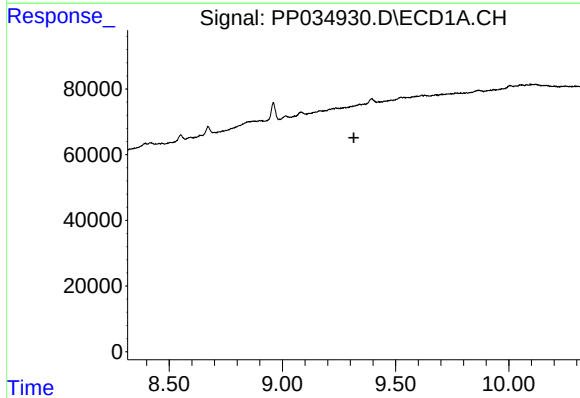
R.T.: 0.000 min  
Exp R.T. : 10.050 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



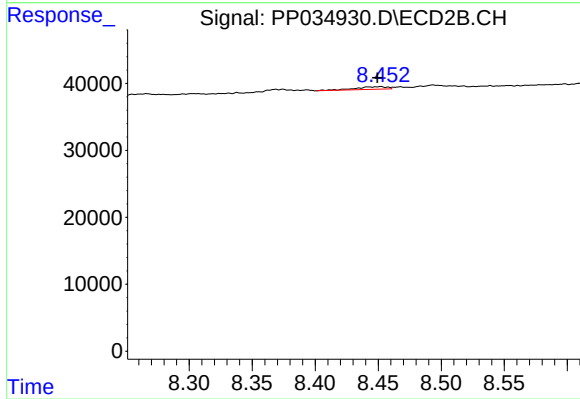
#40 AR-1262-5

R.T.: 9.003 min  
Delta R.T.: -0.007 min  
Response: 9598  
Conc: 8.46 ng/ml



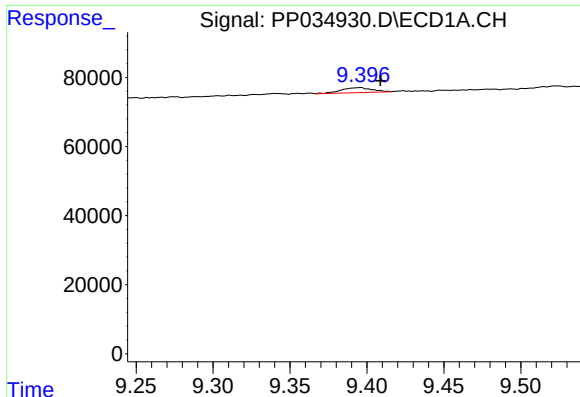
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 9.315 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

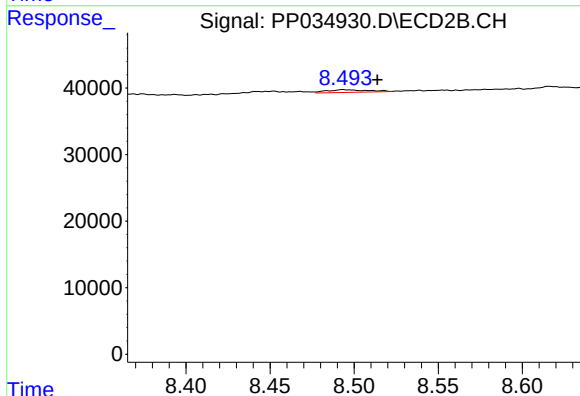
R.T.: 8.452 min  
Delta R.T.: 0.002 min  
Response: 7091  
Conc: 1.64 ng/ml



#42 AR-1268-2

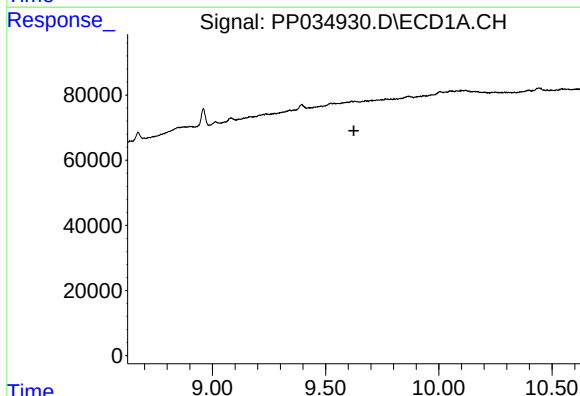
R.T.: 9.396 min  
Delta R.T.: -0.013 min  
Response: 19963  
Conc: 2.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



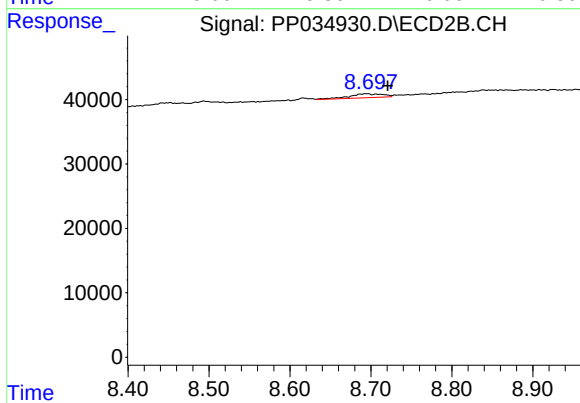
#42 AR-1268-2

R.T.: 8.494 min  
Delta R.T.: -0.020 min  
Response: 6905  
Conc: 1.67 ng/ml



#43 AR-1268-3

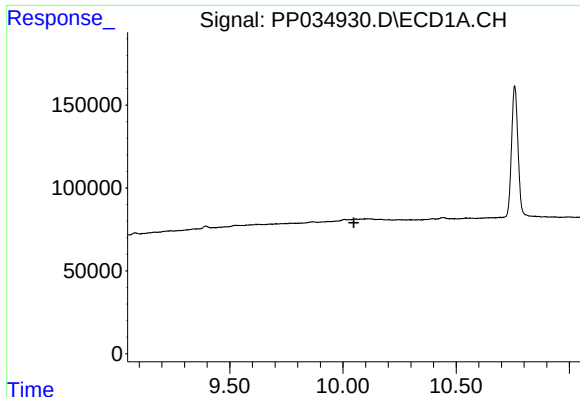
R.T.: 0.000 min  
Exp R.T. : 9.625 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

R.T.: 8.695 min  
Delta R.T.: -0.026 min  
Response: 18357  
Conc: 5.05 ng/ml

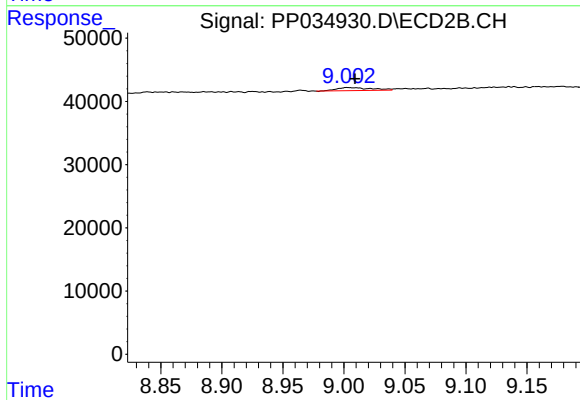




#44 AR-1268-4

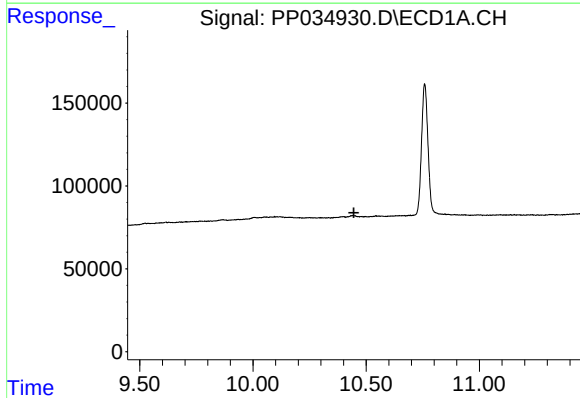
R.T.: 0.000 min  
Exp R.T.: 10.048 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



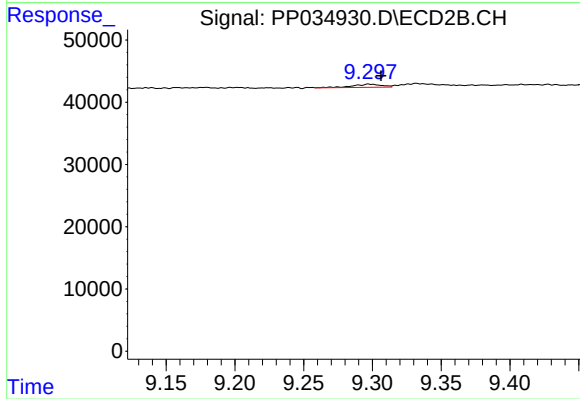
#44 AR-1268-4

R.T.: 9.003 min  
Delta R.T.: -0.006 min  
Response: 9598  
Conc: 7.45 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.445 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.298 min  
Delta R.T.: -0.009 min  
Response: 7678  
Conc: 0.74 ng/ml