

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP110521\  
 Data File : PP040709.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 04 Nov 2021 14:15  
 Operator : AJ\MA  
 Sample : M4454-07 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 04 14:50:28 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP110421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Nov 04 11:28:51 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... | 0.000   | 3.766  | 0      | 9157   | N.D.    | 0.382 #   |
| 2)                          | SA Decachlor... | 10.674  | 0.000  | 17629  | 0      | 0.828   | N.D. #    |
| Target Compounds            |                 |         |        |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 6.067f  | 0.000  | 19912  | 0      | 28.360  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 6.119   | 0.000  | 15844  | 0      | 14.855  | N.D. #    |
| 6)                          | L1 AR-1016-4    | 6.293   | 5.302f | 109570 | 13463  | 203.877 | 29.642 #  |
| 7)                          | L1 AR-1016-5    | 0.000   | 5.525f | 0      | 56511  | N.D.    | 101.050 # |
| 9)                          | L2 AR-1221-2    | 0.000   | 4.138  | 0      | 22372  | N.D.    | 106.344 # |
| 10)                         | L2 AR-1221-3    | 0.000   | 4.209  | 0      | 100703 | N.D.    | 153.410 # |
| 11)                         | L3 AR-1232-1    | 0.000   | 4.209  | 0      | 100703 | N.D.    | 186.591 # |
| 12)                         | L3 AR-1232-2    | 5.773f  | 0.000  | 28149  | 0      | 120.159 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 6.119   | 0.000  | 15844  | 0      | 36.874  | N.D. #    |
| 14)                         | L3 AR-1232-4    | 6.293   | 5.336  | 109570 | 24417  | 522.840 | 123.051 # |
| 15)                         | L3 AR-1232-5    | 6.374f  | 5.525f | 25986  | 56511  | 181.653 | 266.654 # |
| 16)                         | L4 AR-1242-1    | 6.067f  | 0.000  | 19912  | 0      | 37.340  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.119   | 0.000  | 15844  | 0      | 19.596  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 6.293   | 5.336  | 109570 | 24417  | 267.869 | 59.046 #  |
| 21)                         | L5 AR-1248-1    | 6.067   | 0.000  | 19912  | 0      | 50.694  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.374   | 5.302f | 25986  | 13463  | 45.957  | 23.208 #  |
| 23)                         | L5 AR-1248-3    | 0.000   | 5.336  | 0      | 24417  | N.D.    | 40.481 #  |
| 24)                         | L5 AR-1248-4    | 7.001f  | 5.525f | 13892  | 56511  | 17.586  | 82.194 #  |
| 25)                         | L5 AR-1248-5    | 0.000   | 5.933  | 0      | 17967  | N.D.    | 28.446 #  |
| 26)                         | L6 AR-1254-1    | 7.001f  | 0.000  | 13892  | 0      | 17.994  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 0.000   | 6.436f | 0      | 237810 | N.D.    | 188.302 # |
| 29)                         | L6 AR-1254-4    | 0.000   | 6.718  | 0      | 37895  | N.D.    | 50.931 #  |
| 30)                         | L6 AR-1254-5    | 0.000   | 7.117f | 0      | 23692  | N.D.    | 22.062 #  |
| 31)                         | L7 AR-1260-1    | 7.741f  | 0.000  | 18743  | 0      | 19.301  | N.D. #    |
| 33)                         | L7 AR-1260-3    | 8.405   | 0.000  | 83760  | 0      | 94.860  | N.D. #    |
| 34)                         | L7 AR-1260-4    | 0.000   | 7.458f | 0      | 28964  | N.D.    | 36.890 #  |
| 35)                         | L7 AR-1260-5    | 8.954   | 7.674  | 43649  | 114143 | 20.905  | 64.250 #  |
| 36)                         | L8 AR-1262-1    | 8.371   | 7.117f | 9898   | 23692  | 7.899   | 41.113 #  |
| 37)                         | L8 AR-1262-2    | 8.918   | 7.674  | 362603 | 114143 | 159.567 | 64.104 #  |
| 38)                         | L8 AR-1262-3    | 9.222   | 0.000  | 29932  | 0      | 28.153  | N.D. #    |
| 39)                         | L8 AR-1262-4    | 9.305   | 8.051  | 153598 | 134805 | 261.942 | 96.184 #  |
| 41)                         | L9 AR-1268-1    | 9.222   | 0.000  | 29932  | 0      | 10.980  | N.D. #    |
| 42)                         | L9 AR-1268-2    | 9.305f  | 8.051  | 153598 | 134805 | 58.671  | 67.631    |
| 45)                         | L9 AR-1268-5    | 10.366f | 8.806  | 27673  | 38769  | 3.799   | 7.183 #   |
| -----                       |                 |         |        |        |        |         |           |

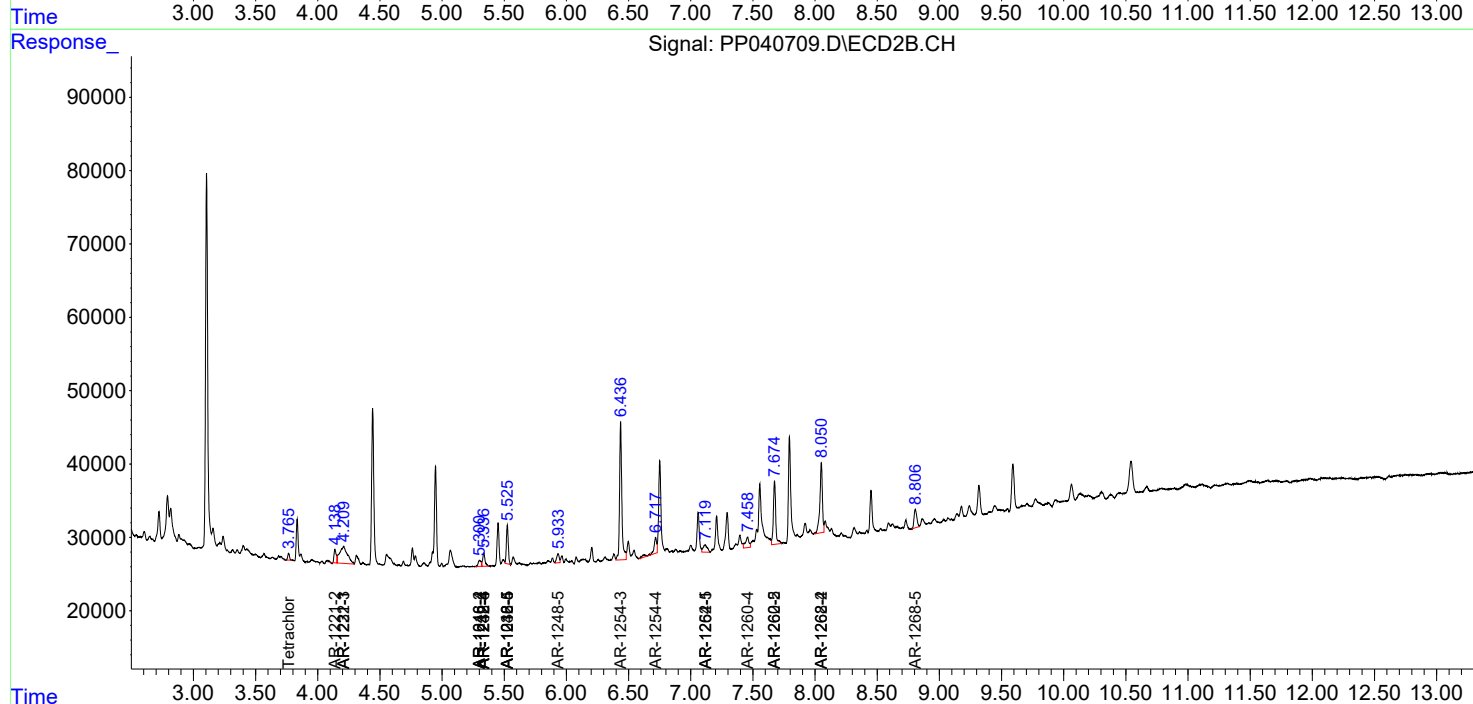
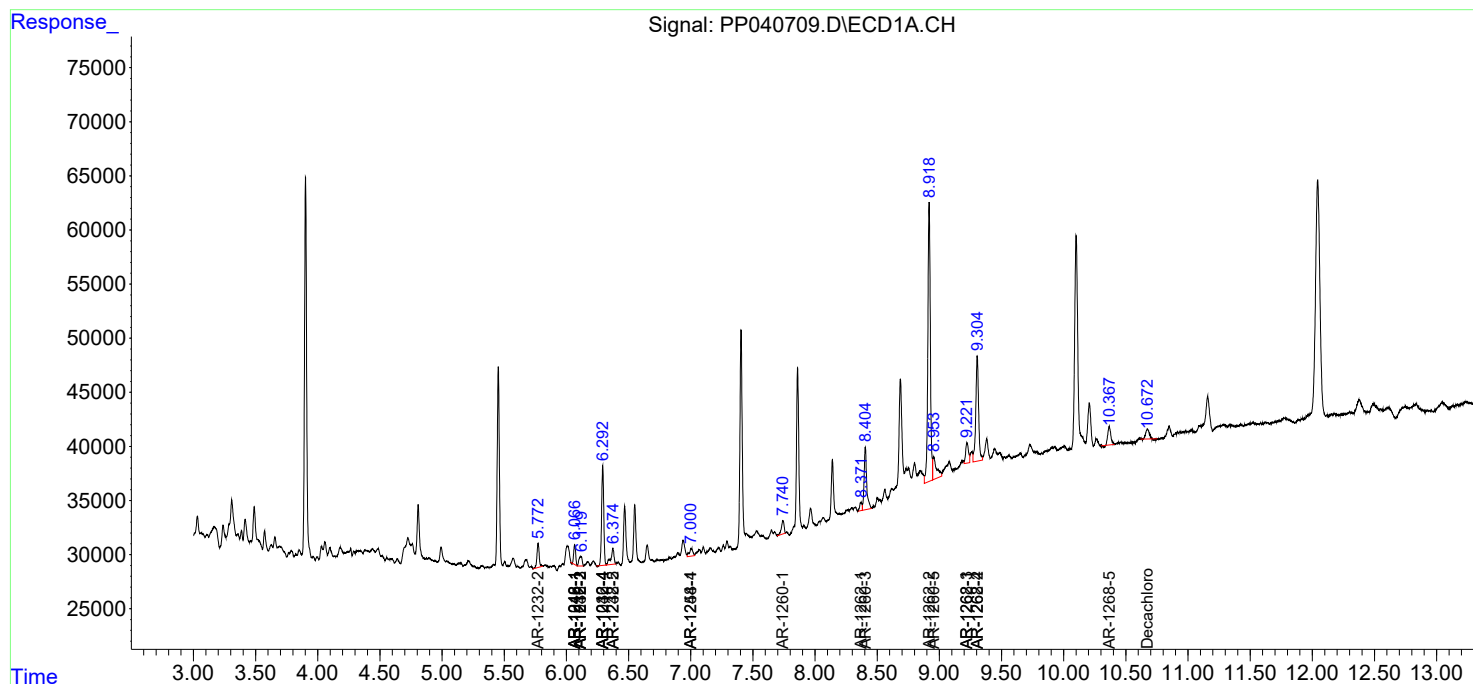
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

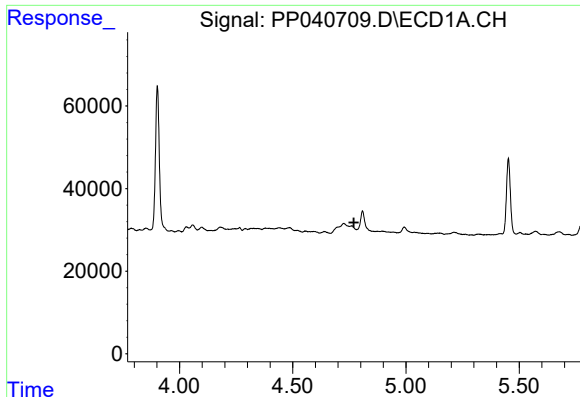
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP110521\  
Data File : PP040709.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 04 Nov 2021 14:15  
Operator : AJ\MA  
Sample : M4454-07 10X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 04 14:50:28 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP110421.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Nov 04 11:28:51 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

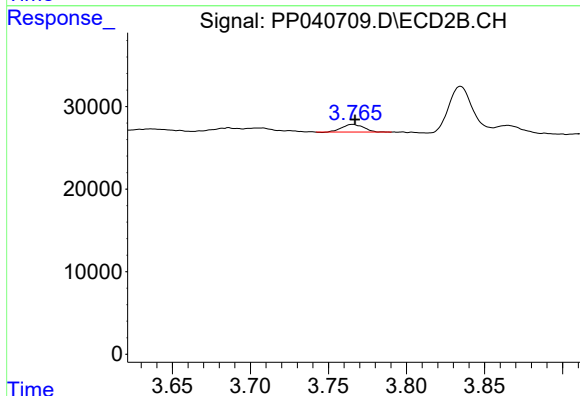




#1 Tetrachloro-m-xylene

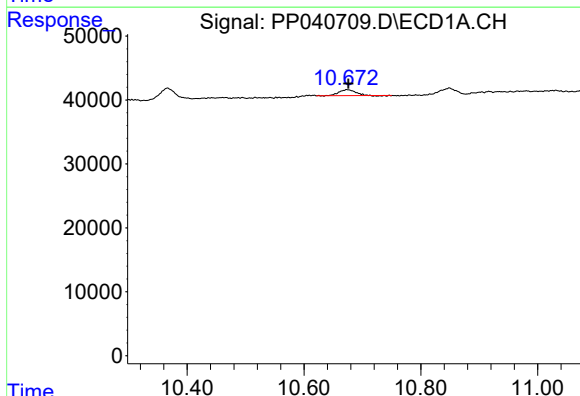
R.T.: 0.000 min  
Exp R.T.: 4.770 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



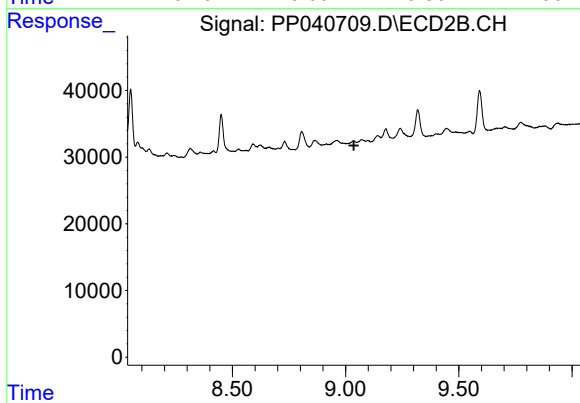
#1 Tetrachloro-m-xylene

R.T.: 3.766 min  
Delta R.T.: -0.002 min  
Response: 9157  
Conc: 0.38 ng/ml



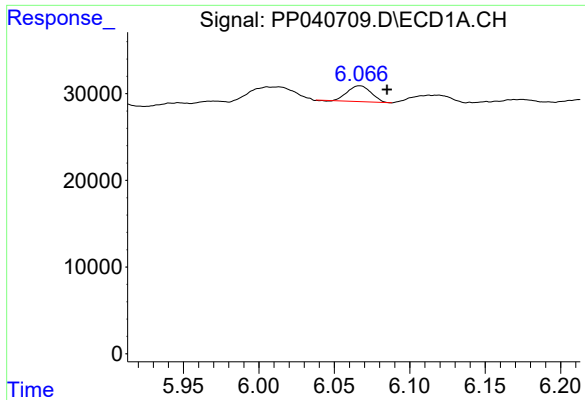
#2 Decachlorobiphenyl

R.T.: 10.674 min  
Delta R.T.: -0.002 min  
Response: 17629  
Conc: 0.83 ng/ml



#2 Decachlorobiphenyl

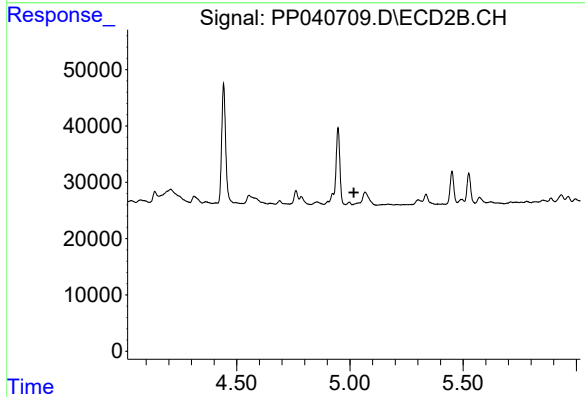
R.T.: 0.000 min  
Exp R.T.: 9.037 min  
Response: 0  
Conc: N.D.



#3 AR-1016-1

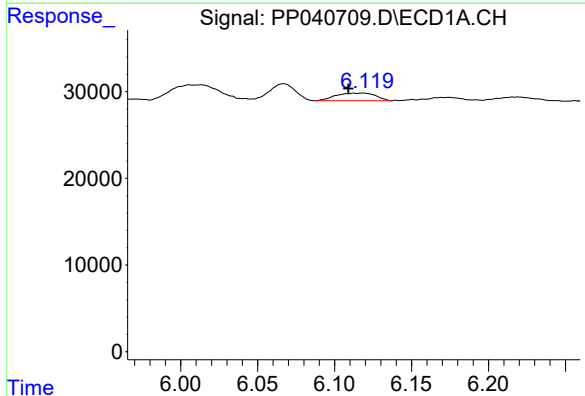
R.T.: 6.067 min  
Delta R.T.: -0.018 min  
Response: 19912  
Conc: 28.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



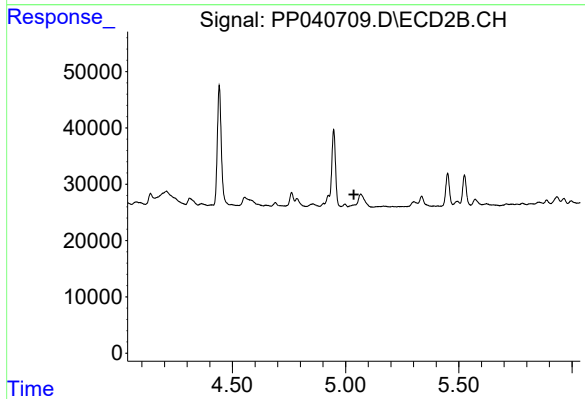
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.018 min  
Response: 0  
Conc: N.D.



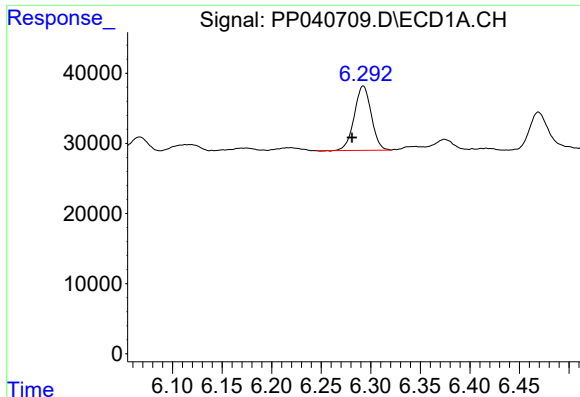
#4 AR-1016-2

R.T.: 6.119 min  
Delta R.T.: 0.010 min  
Response: 15844  
Conc: 14.86 ng/ml



#4 AR-1016-2

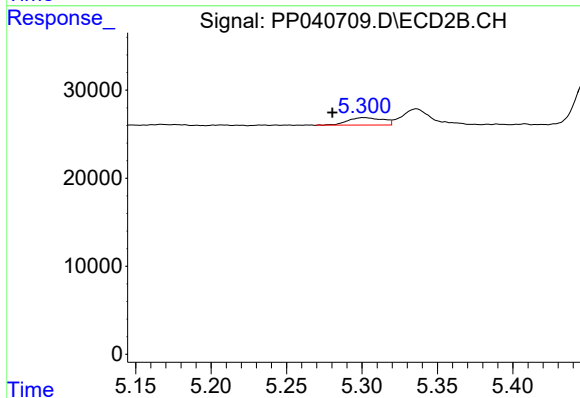
R.T.: 0.000 min  
Exp R.T. : 5.037 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

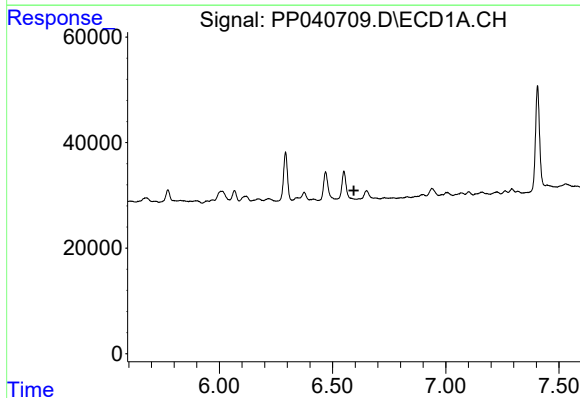
R.T.: 6.293 min  
Delta R.T.: 0.012 min  
Response: 109570  
Conc: 203.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



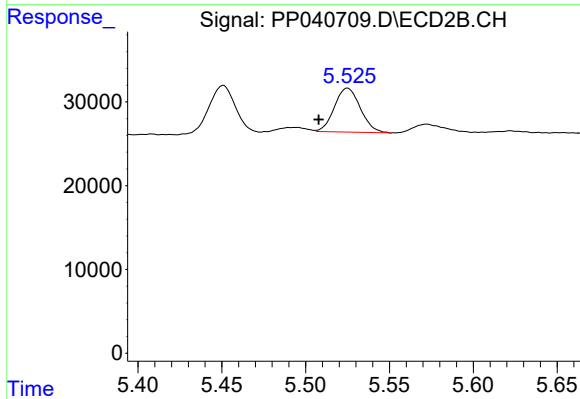
#6 AR-1016-4

R.T.: 5.302 min  
Delta R.T.: 0.021 min  
Response: 13463  
Conc: 29.64 ng/ml



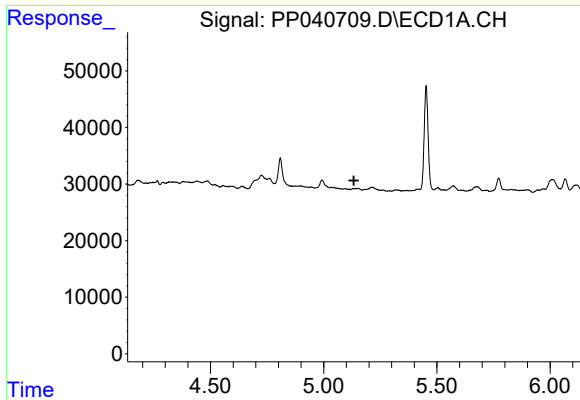
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.594 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

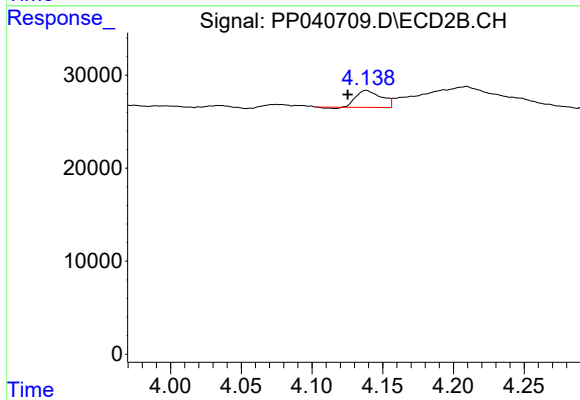
R.T.: 5.525 min  
Delta R.T.: 0.017 min  
Response: 56511  
Conc: 101.05 ng/ml



#9 AR-1221-2

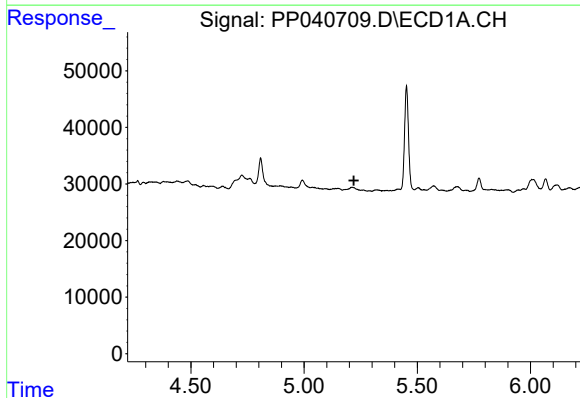
R.T.: 0.000 min  
Exp R.T.: 5.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



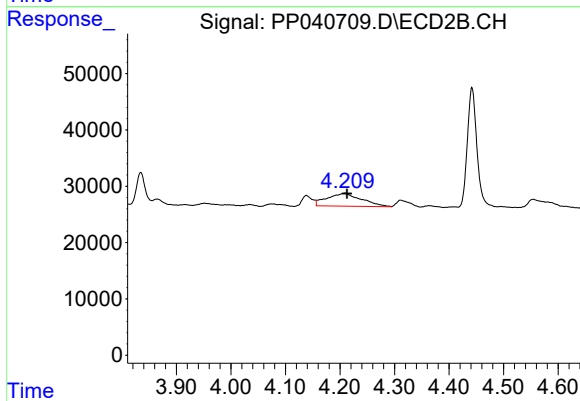
#9 AR-1221-2

R.T.: 4.138 min  
Delta R.T.: 0.013 min  
Response: 22372  
Conc: 106.34 ng/ml



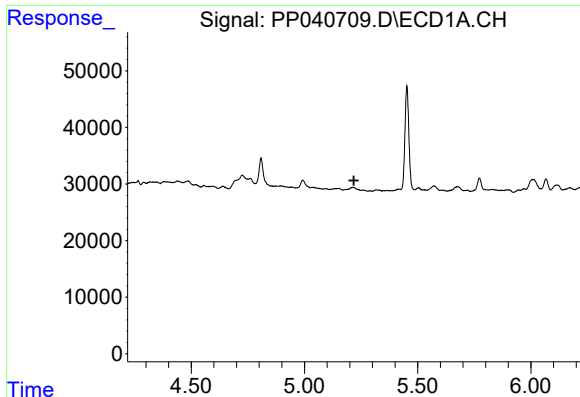
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 5.220 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

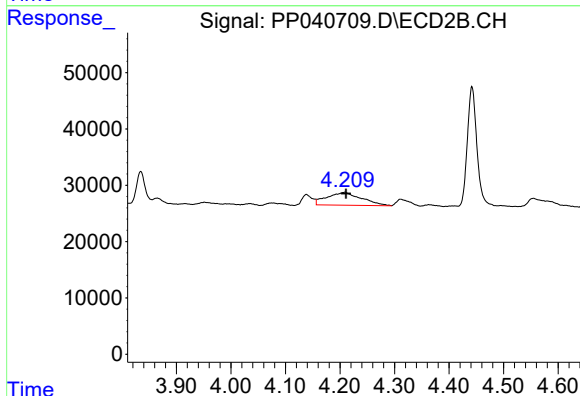
R.T.: 4.209 min  
Delta R.T.: -0.004 min  
Response: 100703  
Conc: 153.41 ng/ml



#11 AR-1232-1

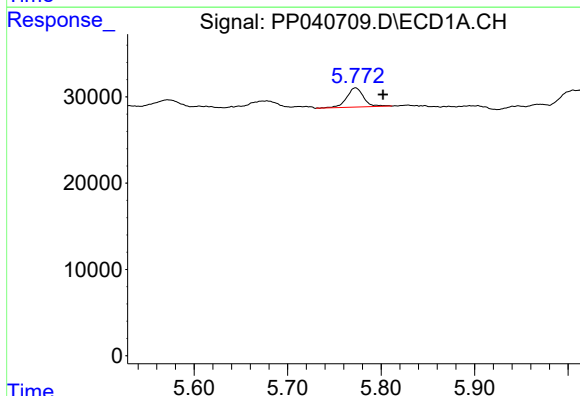
R.T.: 0.000 min  
Exp R.T.: 5.218 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



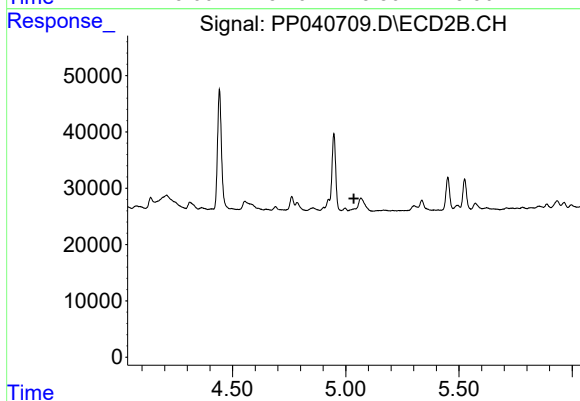
#11 AR-1232-1

R.T.: 4.209 min  
Delta R.T.: -0.002 min  
Response: 100703  
Conc: 186.59 ng/ml



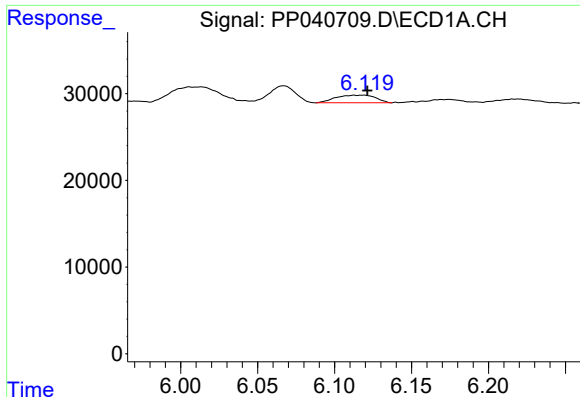
#12 AR-1232-2

R.T.: 5.773 min  
Delta R.T.: -0.030 min  
Response: 28149  
Conc: 120.16 ng/ml



#12 AR-1232-2

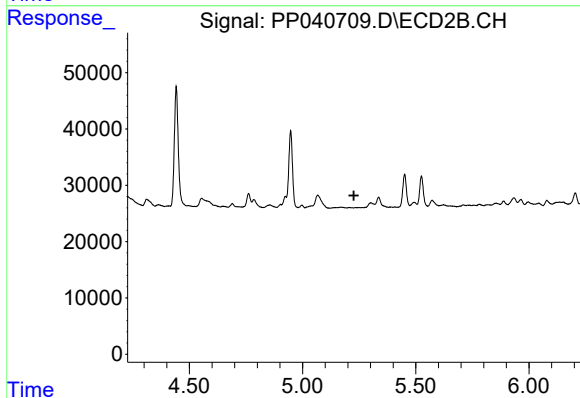
R.T.: 0.000 min  
Exp R.T.: 5.036 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

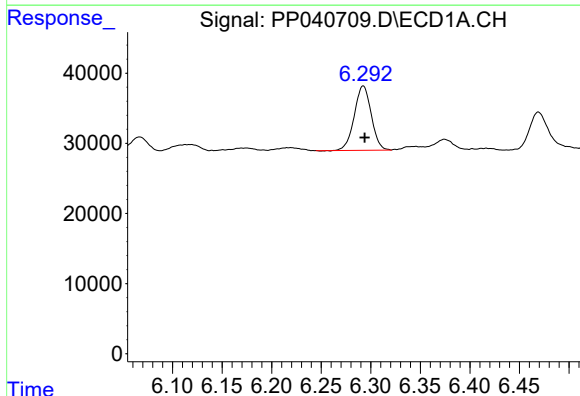
R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 15844  
Conc: 36.87 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



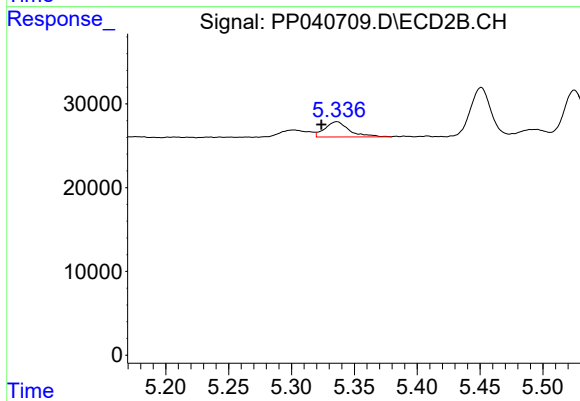
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.227 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

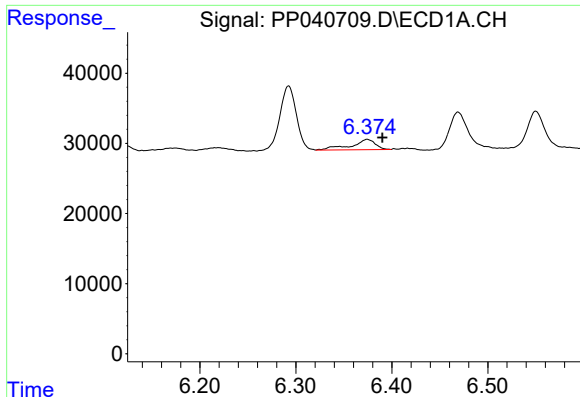
R.T.: 6.293 min  
Delta R.T.: -0.001 min  
Response: 109570  
Conc: 522.84 ng/ml



#14 AR-1232-4

R.T.: 5.336 min  
Delta R.T.: 0.012 min  
Response: 24417  
Conc: 123.05 ng/ml

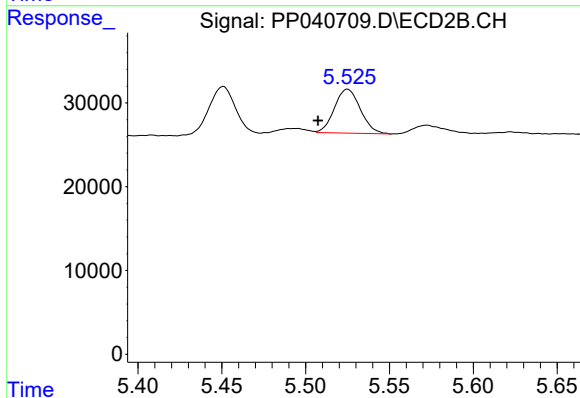




#15 AR-1232-5

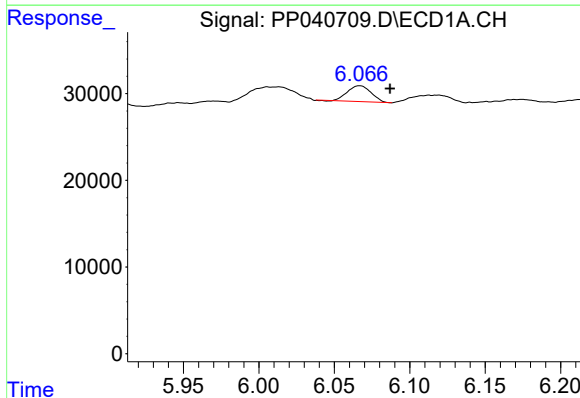
R.T.: 6.374 min  
Delta R.T.: -0.016 min  
Response: 25986  
Conc: 181.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



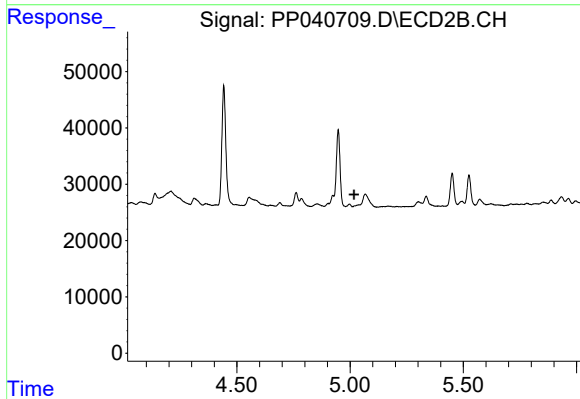
#15 AR-1232-5

R.T.: 5.525 min  
Delta R.T.: 0.018 min  
Response: 56511  
Conc: 266.65 ng/ml



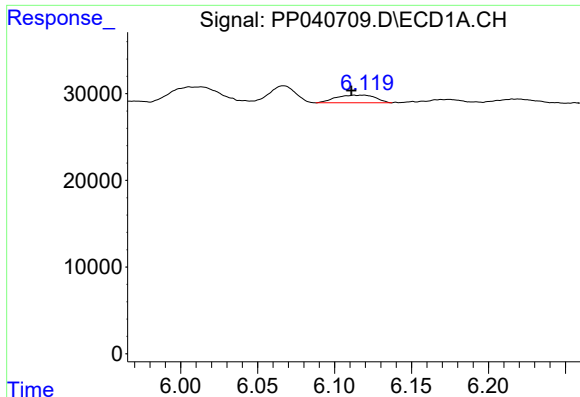
#16 AR-1242-1

R.T.: 6.067 min  
Delta R.T.: -0.020 min  
Response: 19912  
Conc: 37.34 ng/ml



#16 AR-1242-1

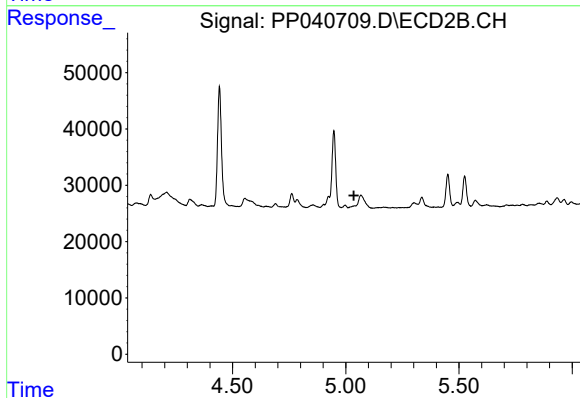
R.T.: 0.000 min  
Exp R.T. : 5.017 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

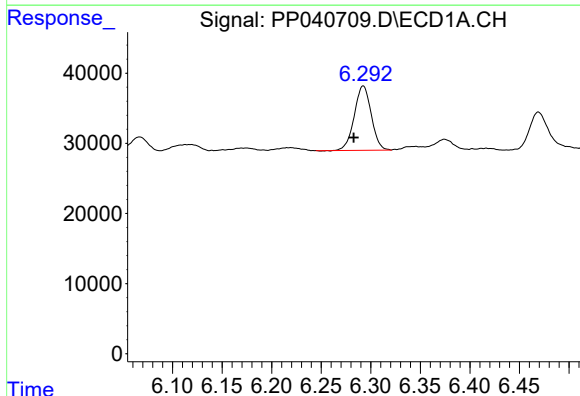
R.T.: 6.119 min  
Delta R.T.: 0.008 min  
Response: 15844  
Conc: 19.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



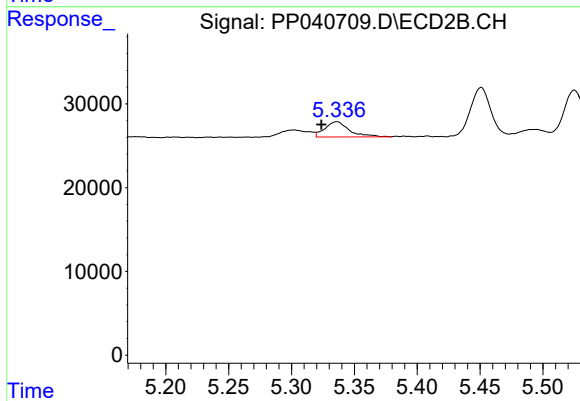
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.036 min  
Response: 0  
Conc: N.D.



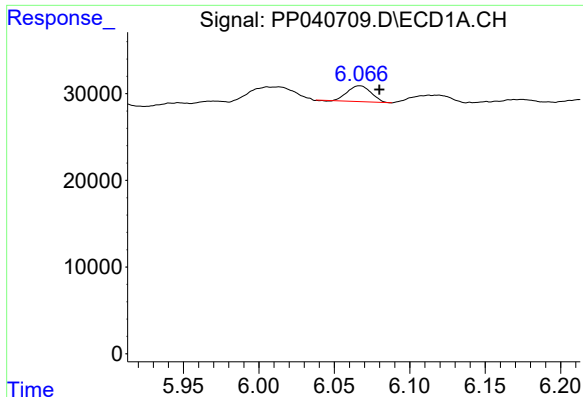
#19 AR-1242-4

R.T.: 6.293 min  
Delta R.T.: 0.010 min  
Response: 109570  
Conc: 267.87 ng/ml



#19 AR-1242-4

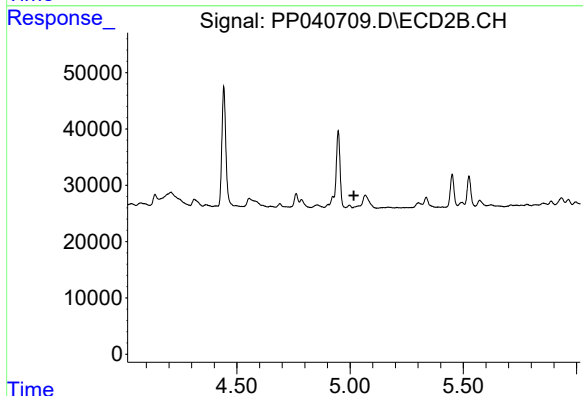
R.T.: 5.336 min  
Delta R.T.: 0.012 min  
Response: 24417  
Conc: 59.05 ng/ml



#21 AR-1248-1

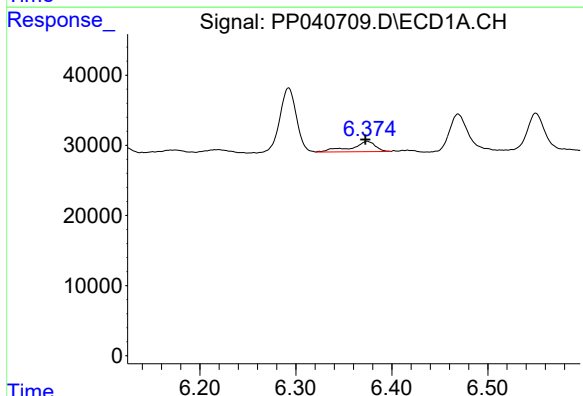
R.T.: 6.067 min  
Delta R.T.: -0.013 min  
Response: 19912  
Conc: 50.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



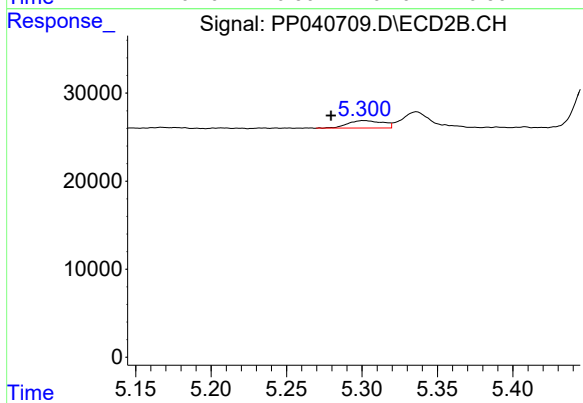
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.017 min  
Response: 0  
Conc: N.D.



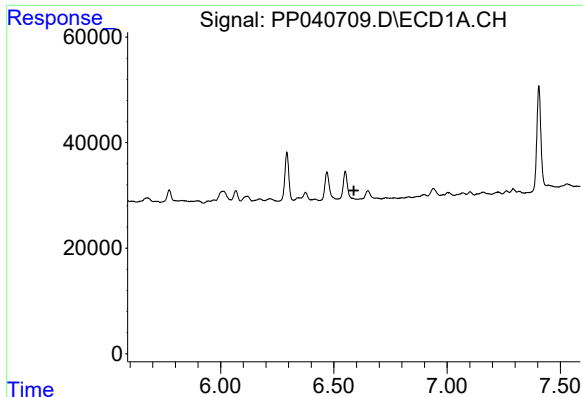
#22 AR-1248-2

R.T.: 6.374 min  
Delta R.T.: 0.002 min  
Response: 25986  
Conc: 45.96 ng/ml



#22 AR-1248-2

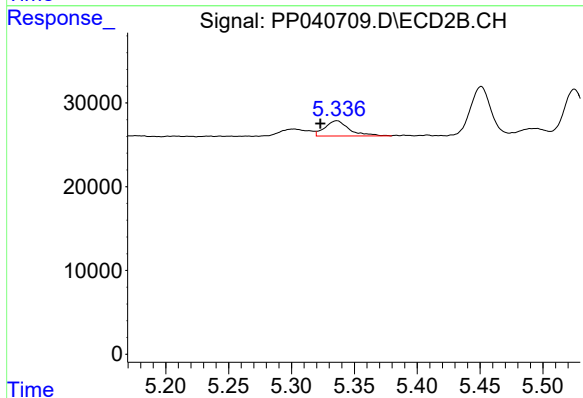
R.T.: 5.302 min  
Delta R.T.: 0.022 min  
Response: 13463  
Conc: 23.21 ng/ml



#23 AR-1248-3

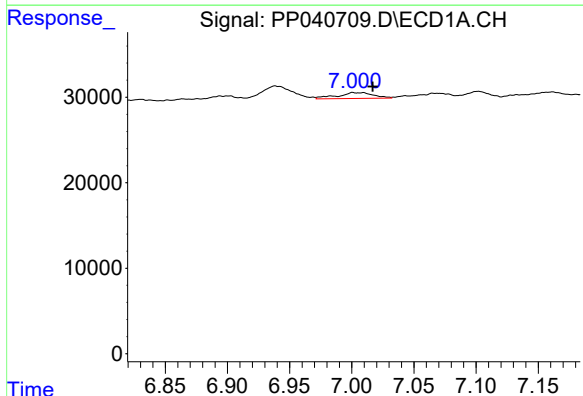
R.T.: 0.000 min  
Exp R.T.: 6.589 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



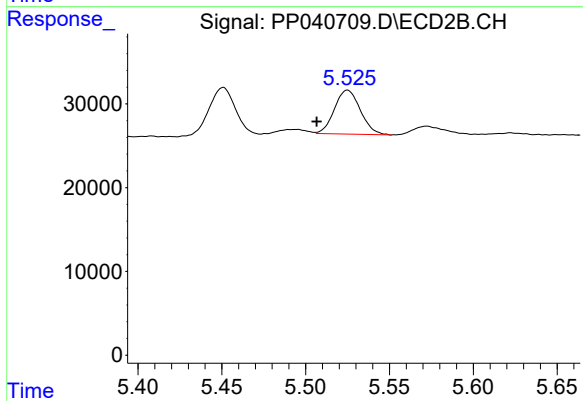
#23 AR-1248-3

R.T.: 5.336 min  
Delta R.T.: 0.013 min  
Response: 24417  
Conc: 40.48 ng/ml



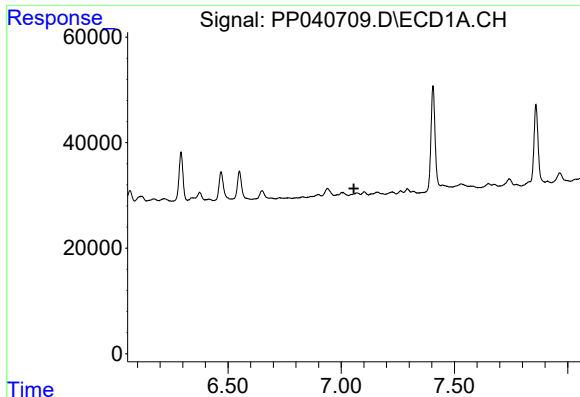
#24 AR-1248-4

R.T.: 7.001 min  
Delta R.T.: -0.016 min  
Response: 13892  
Conc: 17.59 ng/ml



#24 AR-1248-4

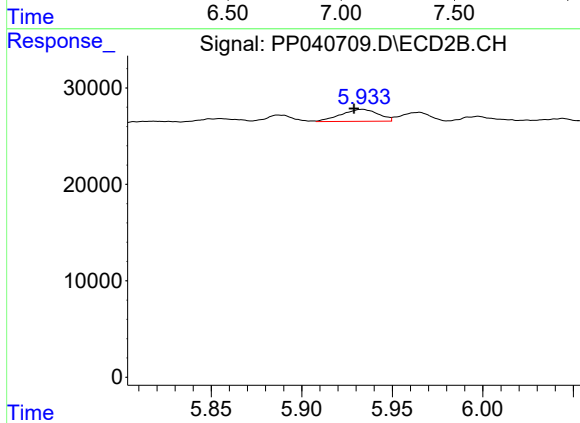
R.T.: 5.525 min  
Delta R.T.: 0.018 min  
Response: 56511  
Conc: 82.19 ng/ml



#25 AR-1248-5

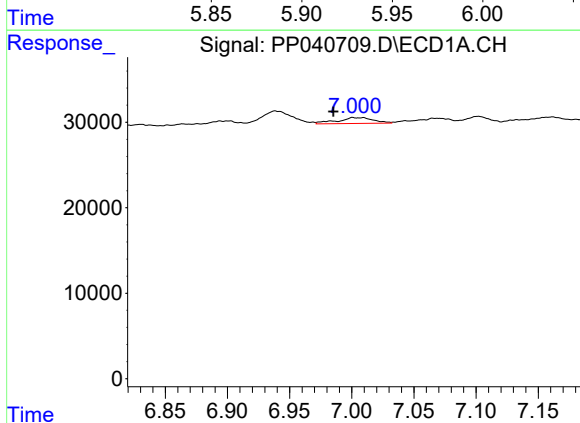
R.T.: 0.000 min  
Exp R.T.: 7.056 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



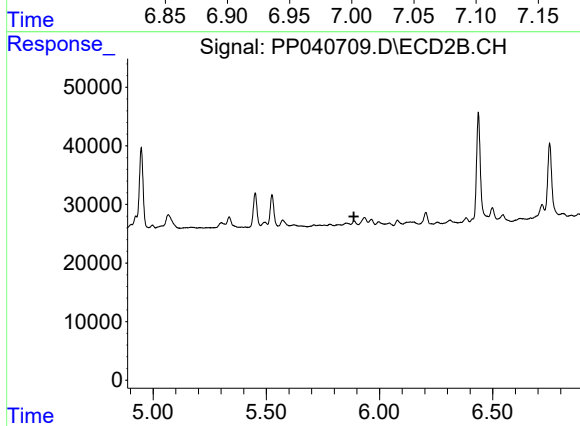
#25 AR-1248-5

R.T.: 5.933 min  
Delta R.T.: 0.004 min  
Response: 17967  
Conc: 28.45 ng/ml



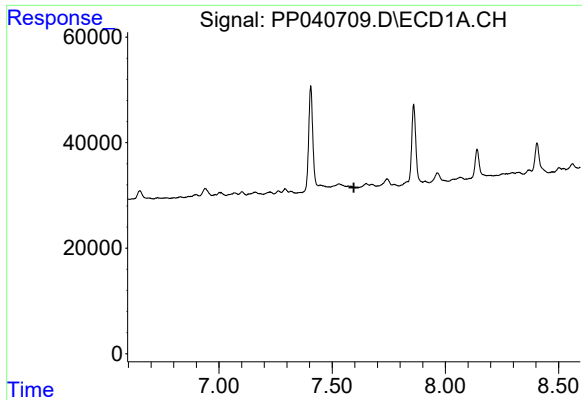
#26 AR-1254-1

R.T.: 7.001 min  
Delta R.T.: 0.016 min  
Response: 13892  
Conc: 17.99 ng/ml



#26 AR-1254-1

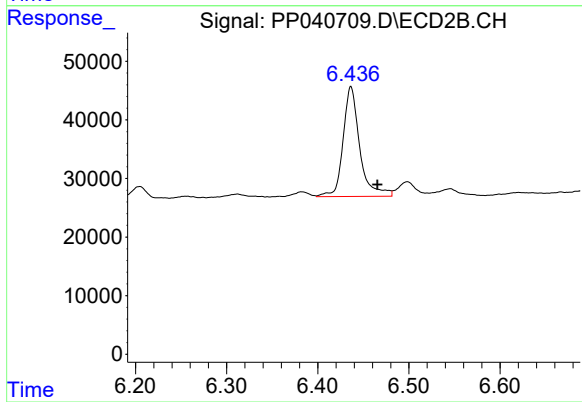
R.T.: 0.000 min  
Exp R.T.: 5.886 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

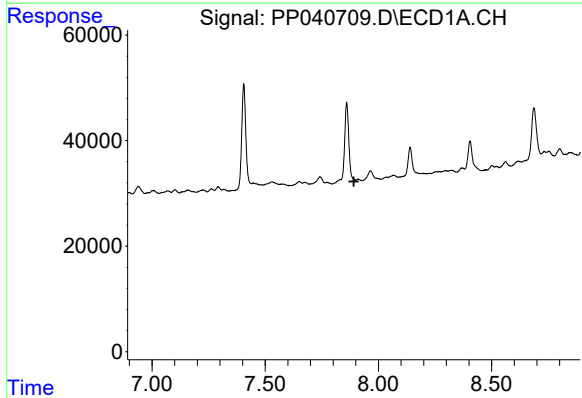
R.T.: 0.000 min  
Exp R.T.: 7.596 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



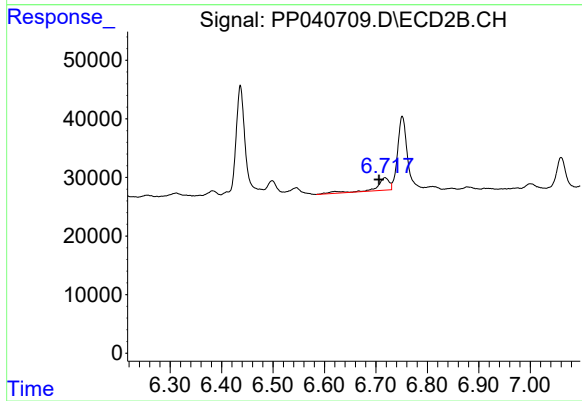
#28 AR-1254-3

R.T.: 6.436 min  
Delta R.T.: -0.029 min  
Response: 237810  
Conc: 188.30 ng/ml



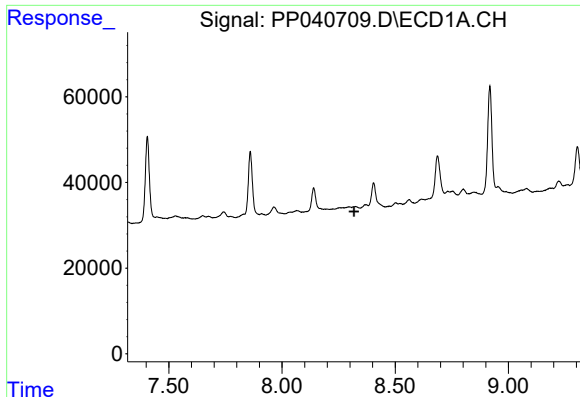
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.892 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

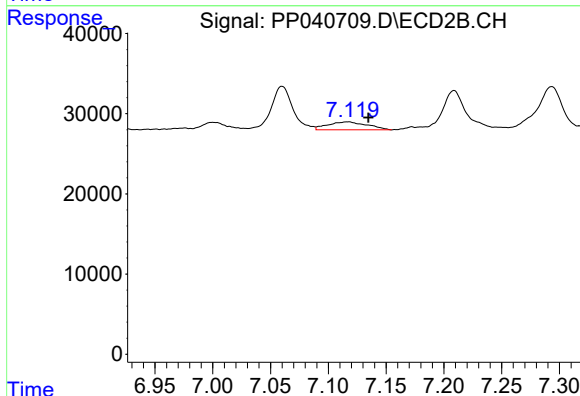
R.T.: 6.718 min  
Delta R.T.: 0.012 min  
Response: 37895  
Conc: 50.93 ng/ml



#30 AR-1254-5

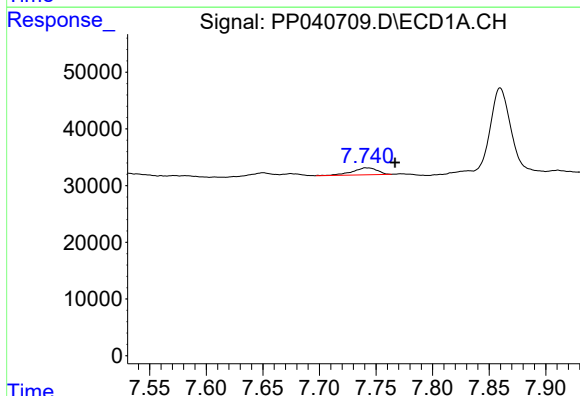
R.T.: 0.000 min  
Exp R.T.: 8.318 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



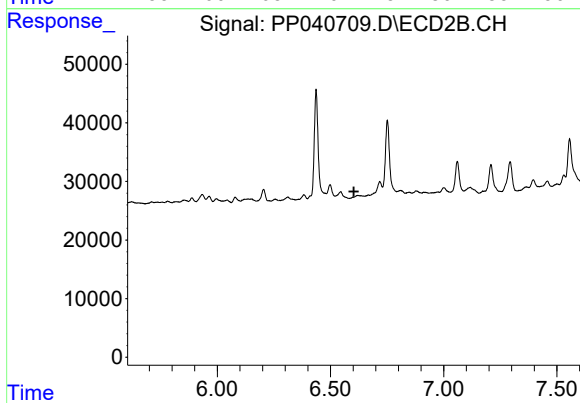
#30 AR-1254-5

R.T.: 7.117 min  
Delta R.T.: -0.018 min  
Response: 23692  
Conc: 22.06 ng/ml



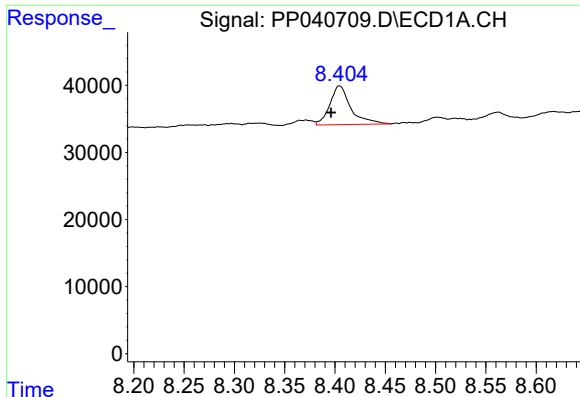
#31 AR-1260-1

R.T.: 7.741 min  
Delta R.T.: -0.026 min  
Response: 18743  
Conc: 19.30 ng/ml



#31 AR-1260-1

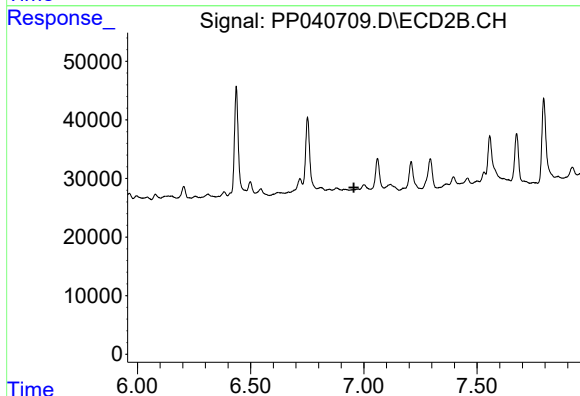
R.T.: 0.000 min  
Exp R.T.: 6.603 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

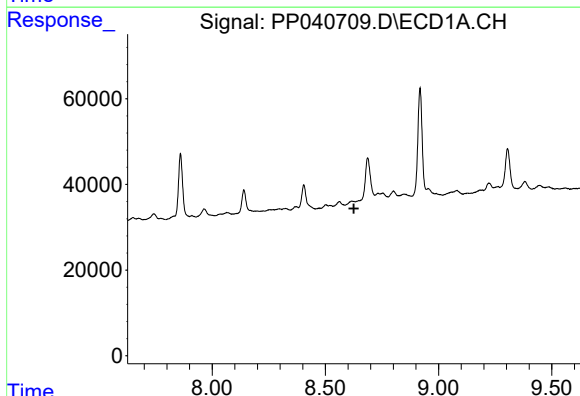
R.T.: 8.405 min  
Delta R.T.: 0.009 min  
Response: 83760  
Conc: 94.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



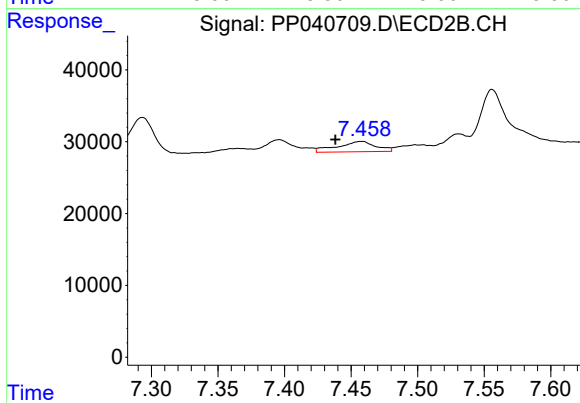
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.956 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

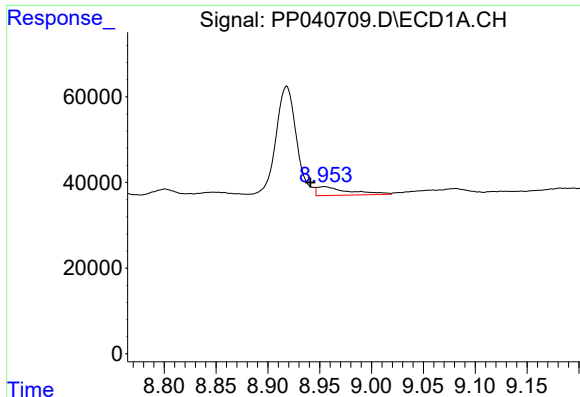
R.T.: 0.000 min  
Exp R.T. : 8.626 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

R.T.: 7.458 min  
Delta R.T.: 0.020 min  
Response: 28964  
Conc: 36.89 ng/ml

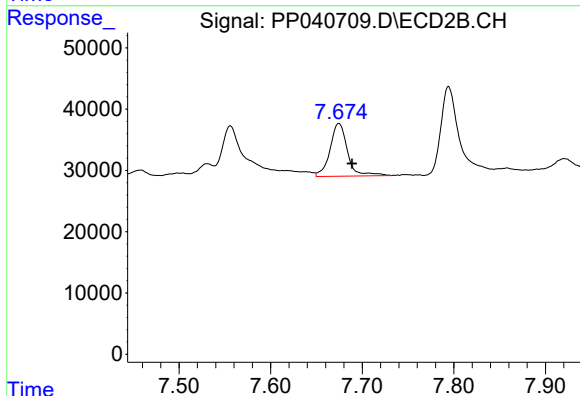




#35 AR-1260-5

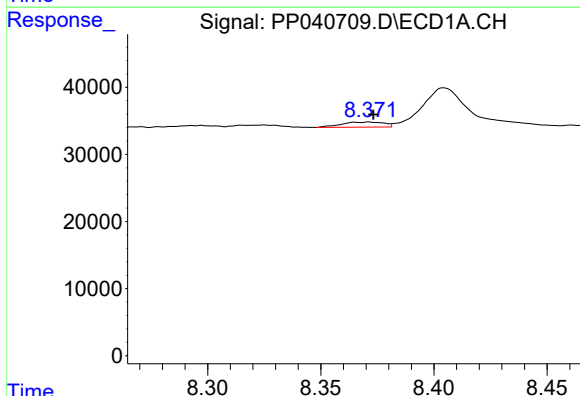
R.T.: 8.954 min  
Delta R.T.: 0.013 min  
Response: 43649  
Conc: 20.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



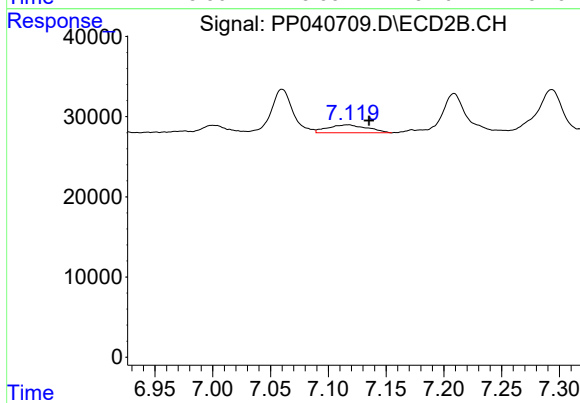
#35 AR-1260-5

R.T.: 7.674 min  
Delta R.T.: -0.014 min  
Response: 114143  
Conc: 64.25 ng/ml



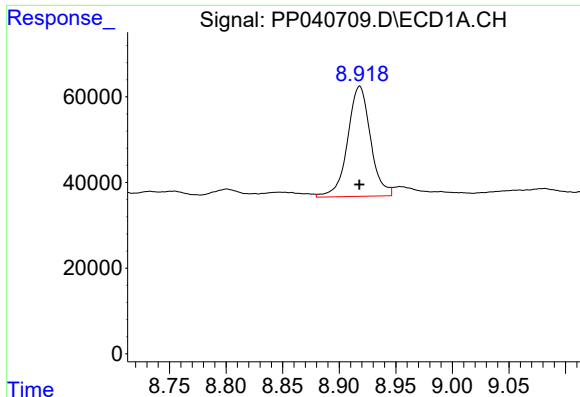
#36 AR-1262-1

R.T.: 8.371 min  
Delta R.T.: -0.002 min  
Response: 9898  
Conc: 7.90 ng/ml



#36 AR-1262-1

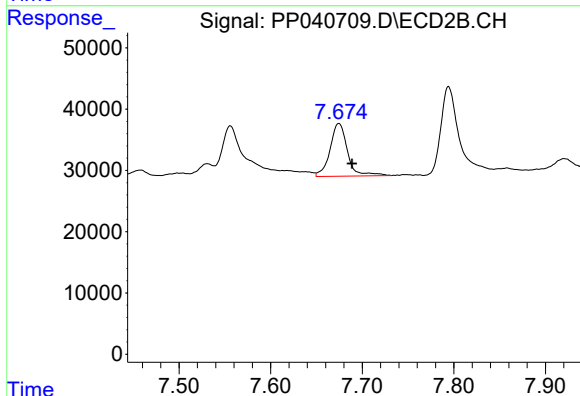
R.T.: 7.117 min  
Delta R.T.: -0.018 min  
Response: 23692  
Conc: 41.11 ng/ml



#37 AR-1262-2

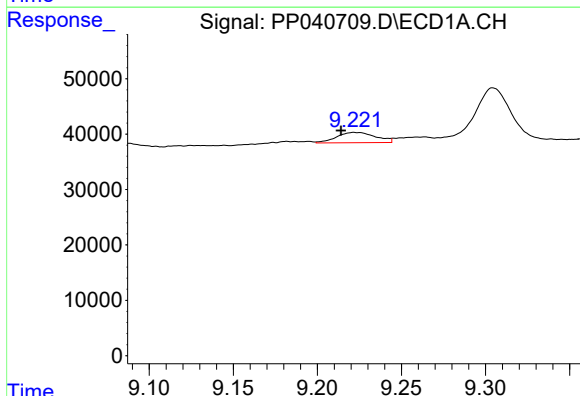
R.T.: 8.918 min  
Delta R.T.: 0.000 min  
Response: 362603  
Conc: 159.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



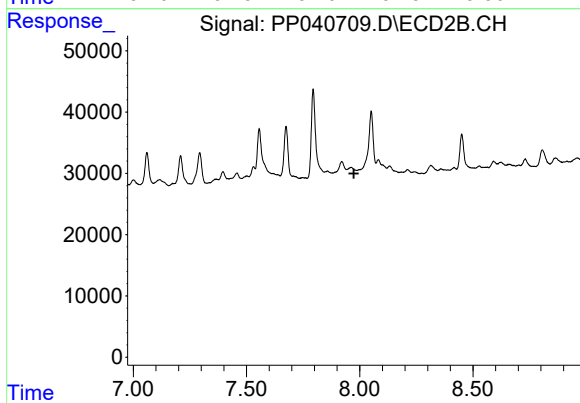
#37 AR-1262-2

R.T.: 7.674 min  
Delta R.T.: -0.014 min  
Response: 114143  
Conc: 64.10 ng/ml



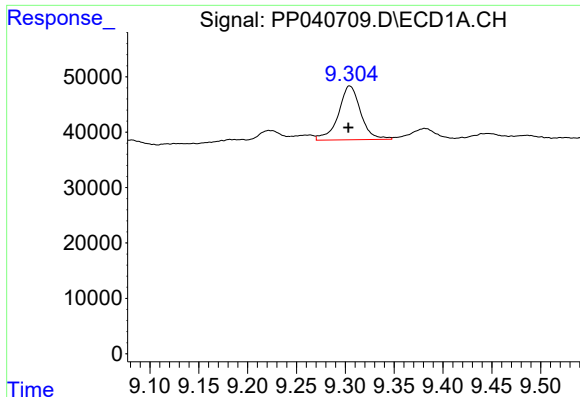
#38 AR-1262-3

R.T.: 9.222 min  
Delta R.T.: 0.008 min  
Response: 29932  
Conc: 28.15 ng/ml



#38 AR-1262-3

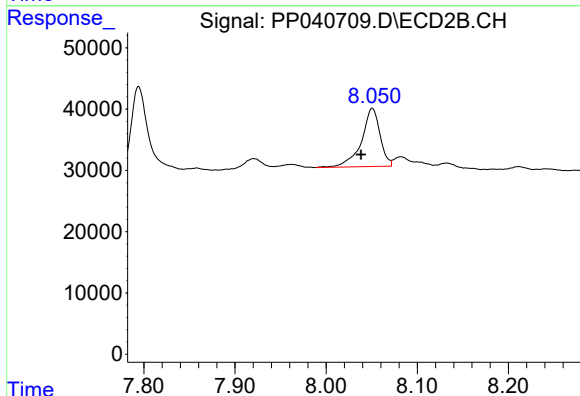
R.T.: 0.000 min  
Exp R.T. : 7.974 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

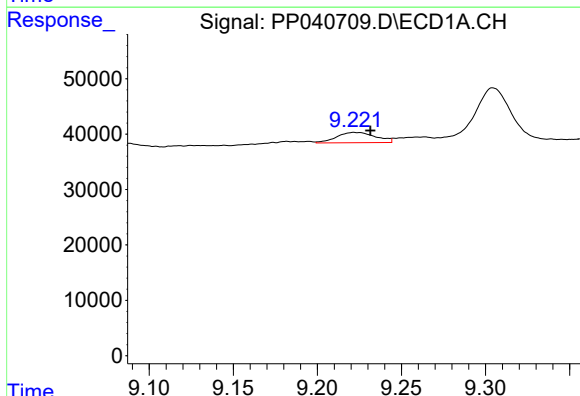
R.T.: 9.305 min  
Delta R.T.: 0.001 min  
Response: 153598  
Conc: 261.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



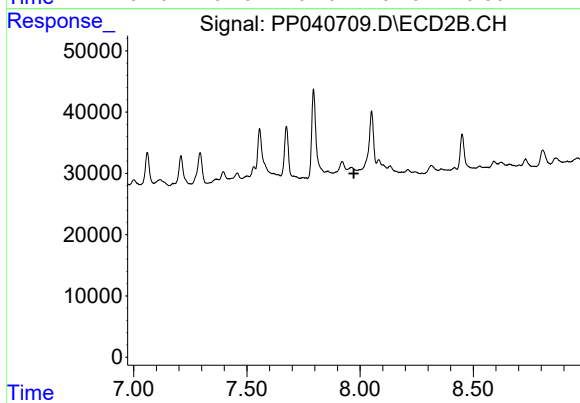
#39 AR-1262-4

R.T.: 8.051 min  
Delta R.T.: 0.012 min  
Response: 134805  
Conc: 96.18 ng/ml



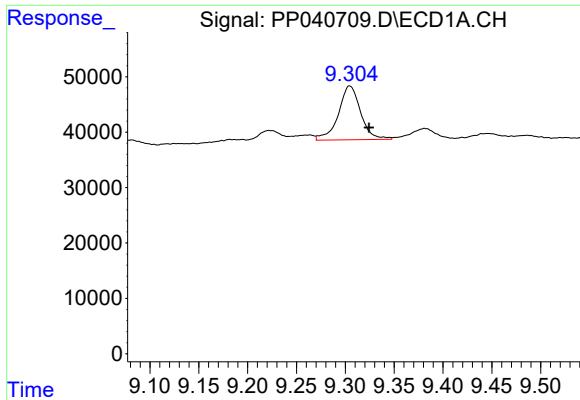
#41 AR-1268-1

R.T.: 9.222 min  
Delta R.T.: -0.009 min  
Response: 29932  
Conc: 10.98 ng/ml



#41 AR-1268-1

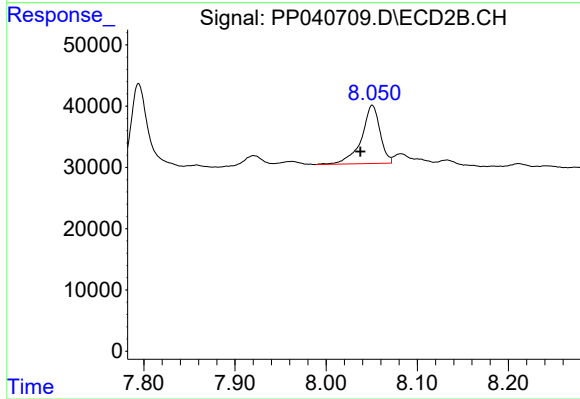
R.T.: 0.000 min  
Exp R.T. : 7.972 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

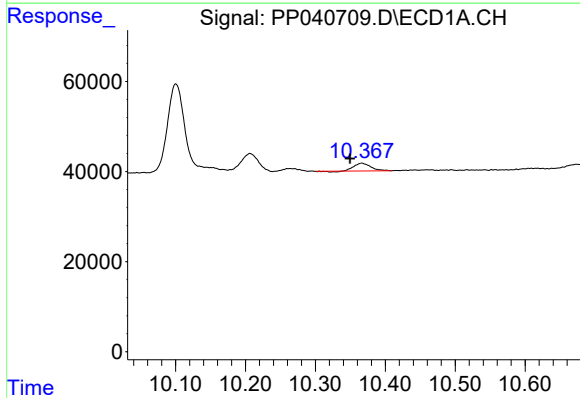
R.T.: 9.305 min  
Delta R.T.: -0.020 min  
Response: 153598  
Conc: 58.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



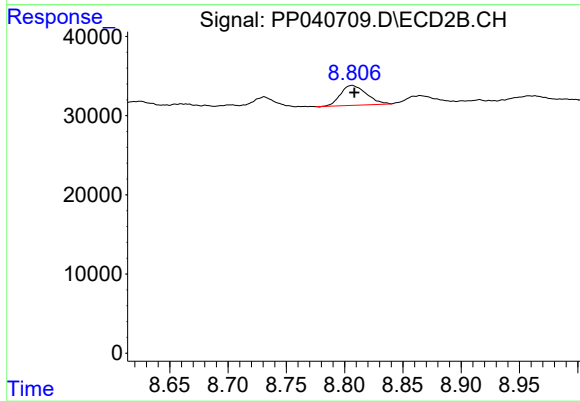
#42 AR-1268-2

R.T.: 8.051 min  
Delta R.T.: 0.013 min  
Response: 134805  
Conc: 67.63 ng/ml



#45 AR-1268-5

R.T.: 10.366 min  
Delta R.T.: 0.017 min  
Response: 27673  
Conc: 3.80 ng/ml



#45 AR-1268-5

R.T.: 8.806 min  
Delta R.T.: -0.002 min  
Response: 38769  
Conc: 7.18 ng/ml