

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080622\  
 Data File : PP050271.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2022 19:37  
 Operator : YP\AJ  
 Sample : N3980-07  
 Misc : AR1254 LOD 40 PPB  
 ALS Vial : 67 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 08 00:36:59 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080622.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sun Aug 07 23:52:23 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 4.345  | 3.592 | 36531816 | 73694471 | 22.695  | 23.528    |
| 2)                          | SA Decachlor... | 10.089 | 8.554 | 41735480 | 35918564 | 23.701  | 23.338    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.670 | 0        | 631531   | N.D.    | 6.213 #   |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.670 | 0        | 631531   | N.D.    | 4.366 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.899 | 0        | 3230679  | N.D.    | 55.447 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.110 | 0        | 2297490  | N.D.    | 30.070 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.888 | 0        | 984633   | N.D.    | 34.481 #  |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.670 | 0        | 631531   | N.D.    | 9.823 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.938 | 0        | 953032   | N.D.    | 32.350 #  |
| 15)                         | L3 AR-1232-5    | 5.795  | 5.110 | 1576819  | 2297490  | 100.861 | 69.768 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.670 | 0        | 631531   | N.D.    | 7.618 #   |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.670 | 0        | 631531   | N.D.    | 5.408 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.938 | 0        | 953032   | N.D.    | 16.280 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.460 | 0        | 7969252  | N.D.    | 114.649 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.670 | 0        | 631531   | N.D.    | 9.449 #   |
| 22)                         | L5 AR-1248-2    | 5.795  | 4.899 | 1576819  | 3230679  | 28.225  | 37.399 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.938 | 0        | 953032   | N.D.    | 10.513 #  |
| 24)                         | L5 AR-1248-4    | 6.379f | 5.110 | 5531752  | 2297490  | 69.931  | 21.798 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.500 | 0        | 1062925  | N.D.    | 10.705 #  |
| 26)                         | L6 AR-1254-1    | 6.379  | 5.460 | 5531752  | 7969252  | 79.793  | 60.307    |
| 27)                         | L6 AR-1254-2    | 6.598  | 5.606 | 5142813  | 6040767  | 48.770  | 55.433    |
| 28)                         | L6 AR-1254-3    | 6.967  | 6.008 | 7446180  | 8365107  | 65.638  | 52.559    |
| 29)                         | L6 AR-1254-4    | 7.255  | 6.235 | 5459708  | 4991722  | 59.912  | 51.342    |
| 30)                         | L6 AR-1254-5    | 7.674  | 6.650 | 5814189  | 6227425  | 61.514  | 50.522    |
| 31)                         | L7 AR-1260-1    | 7.129  | 6.136 | 5979822  | 3755782  | 65.474  | 33.144 #  |
| 32)                         | L7 AR-1260-2    | 7.387  | 6.323 | 3322977  | 3605086  | 29.085  | 26.835    |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.475 | 0        | 3141728  | N.D.    | 26.080 #  |
| 34)                         | L7 AR-1260-4    | 7.967  | 6.946 | 1278488  | 390420   | 13.431  | 4.404 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.186 | 0        | 611327   | N.D.    | 3.136 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 6.946 | 0        | 390420   | N.D.    | 3.593 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.472 | 0        | 802113   | N.D.    | 11.053 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.532 | 0        | 946959   | N.D.    | 6.868 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.472 | 0        | 802113   | N.D.    | 3.650 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.532 | 0        | 946959   | N.D.    | 4.754 #   |
| 45)                         | L9 AR-1268-5    | 9.781f | 8.310 | 3220477  | 351438   | 4.829   | 0.638 #   |
| -----                       |                 |        |       |          |          |         |           |

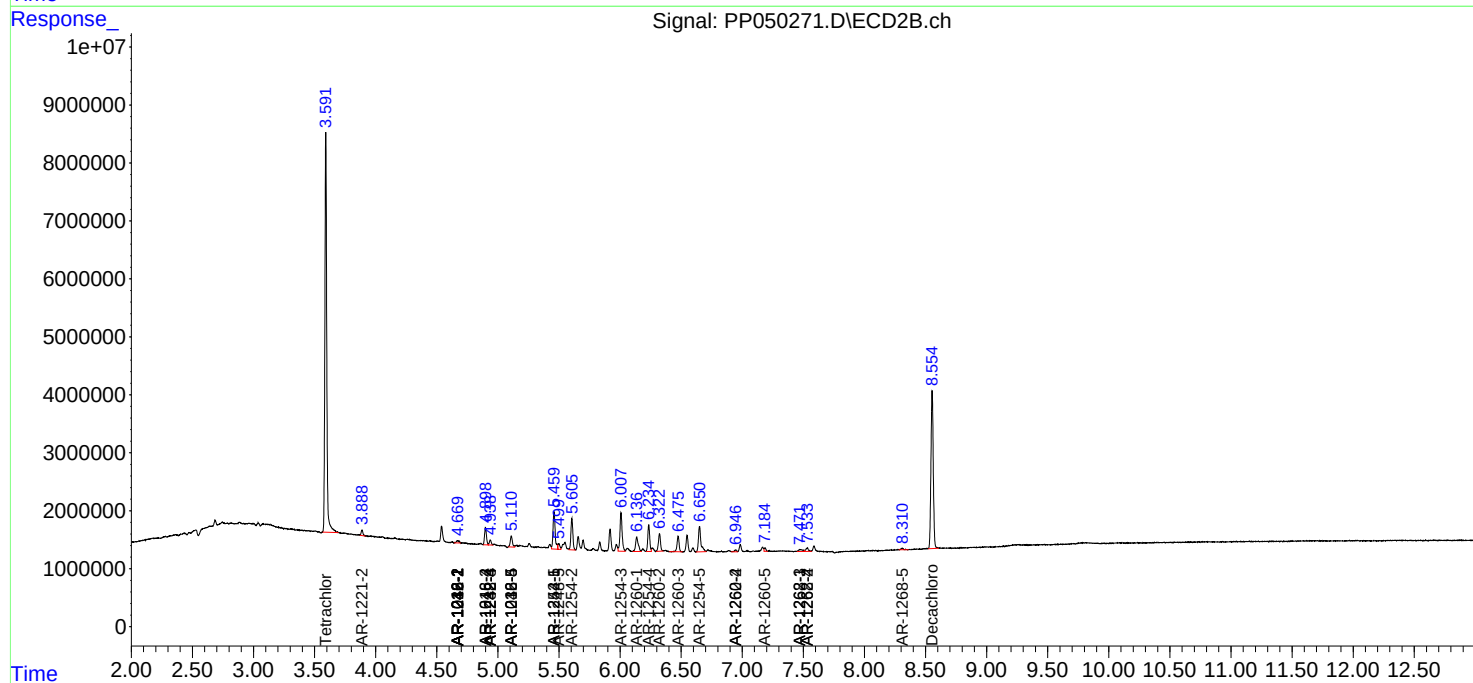
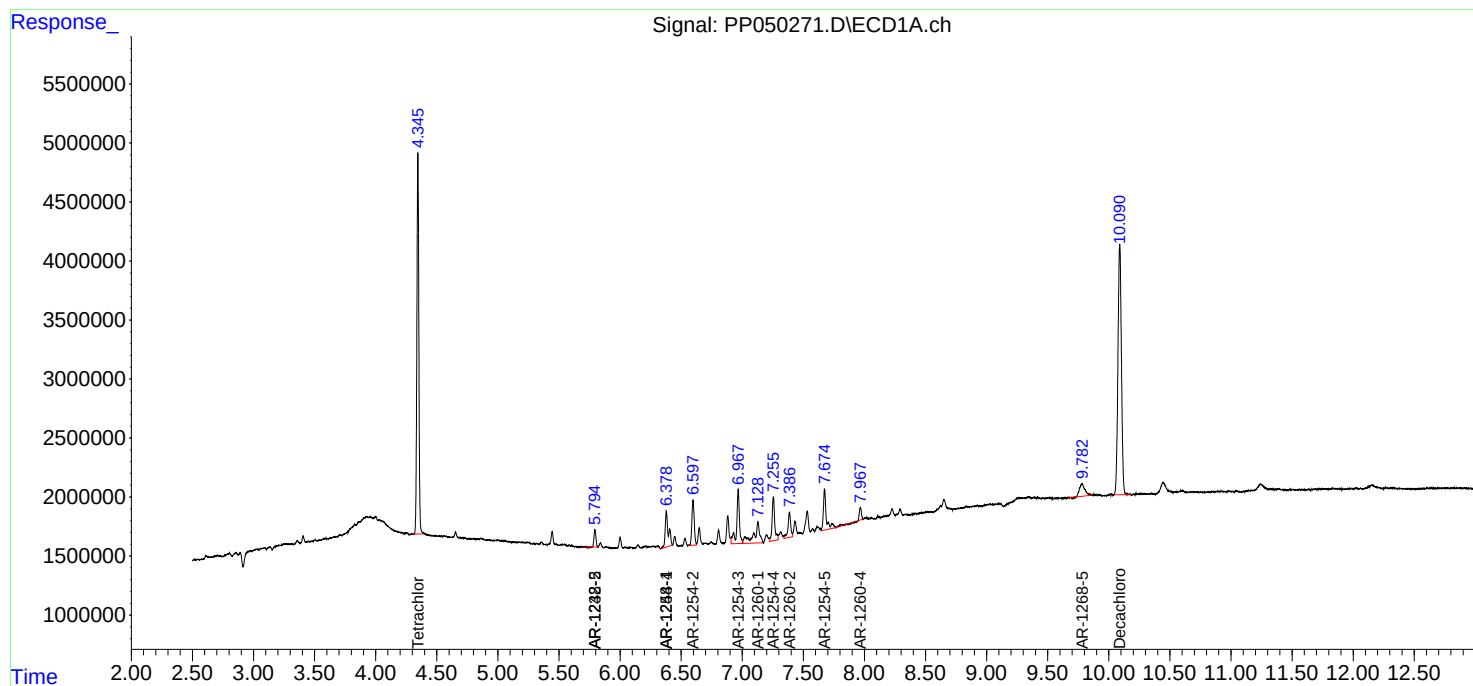
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

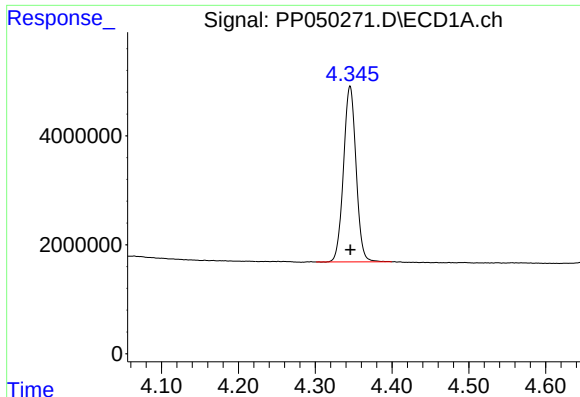
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080622\  
Data File : PP050271.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2022 19:37  
Operator : YP\AJ  
Sample : N3980-07  
Misc : AR1254 LOD 40 PPB  
ALS Vial : 67 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 08 00:36:59 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080622.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sun Aug 07 23:52:23 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

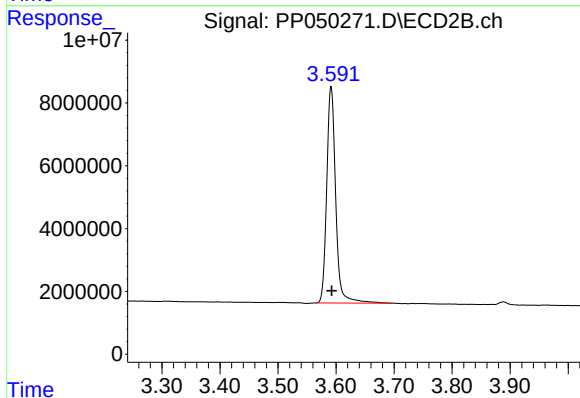




#1 Tetrachloro-m-xylene

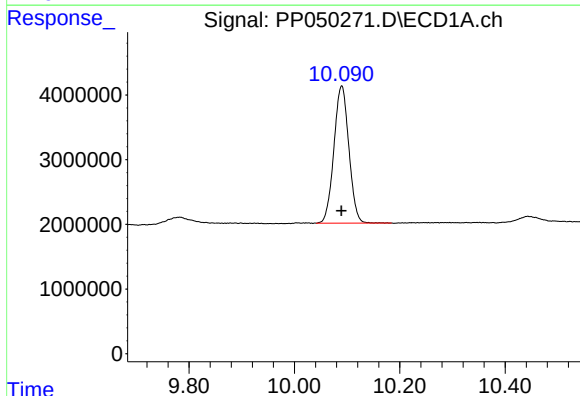
R.T.: 4.345 min  
Delta R.T.: 0.000 min  
Response: 36531816  
Conc: 22.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



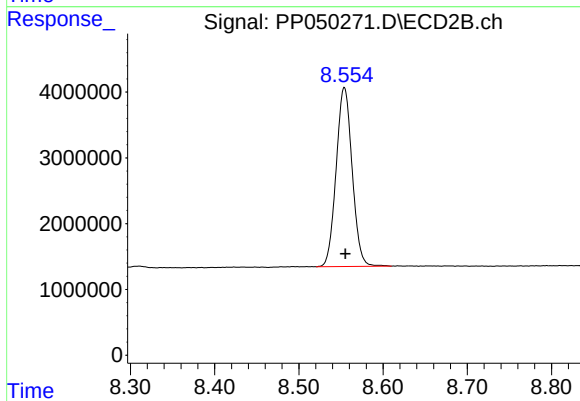
#1 Tetrachloro-m-xylene

R.T.: 3.592 min  
Delta R.T.: -0.001 min  
Response: 73694471  
Conc: 23.53 ng/ml



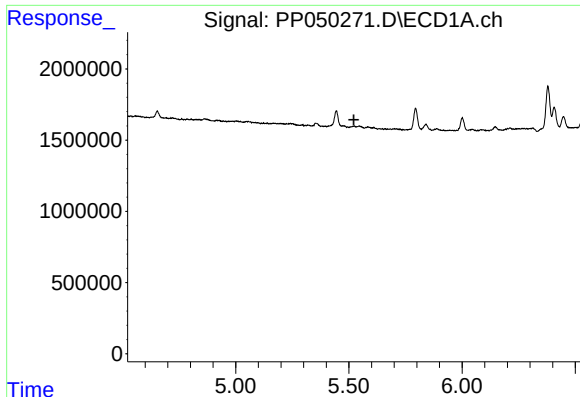
#2 Decachlorobiphenyl

R.T.: 10.089 min  
Delta R.T.: 0.000 min  
Response: 41735480  
Conc: 23.70 ng/ml



#2 Decachlorobiphenyl

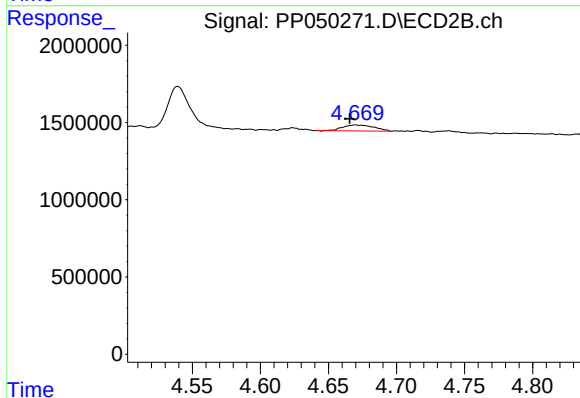
R.T.: 8.554 min  
Delta R.T.: -0.001 min  
Response: 35918564  
Conc: 23.34 ng/ml



#3 AR-1016-1

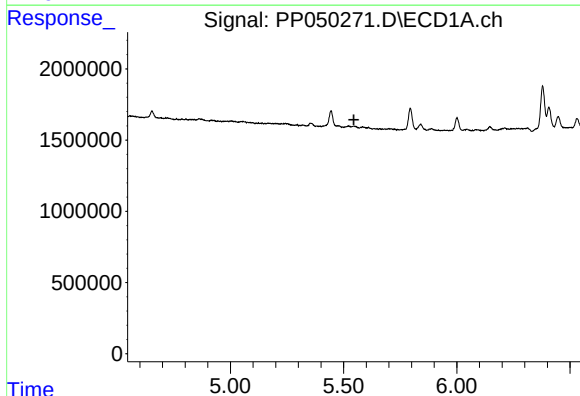
R.T.: 0.000 min  
Exp R.T.: 5.522 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



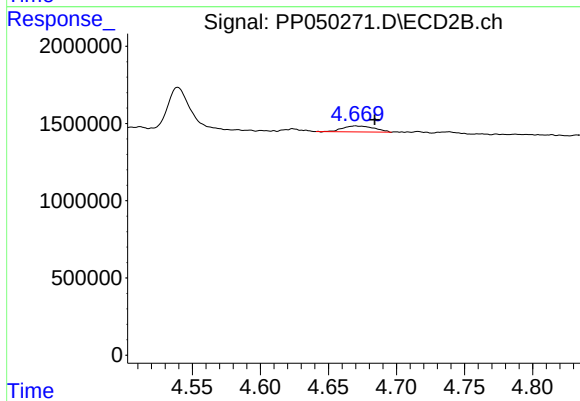
#3 AR-1016-1

R.T.: 4.670 min  
Delta R.T.: 0.004 min  
Response: 631531  
Conc: 6.21 ng/ml



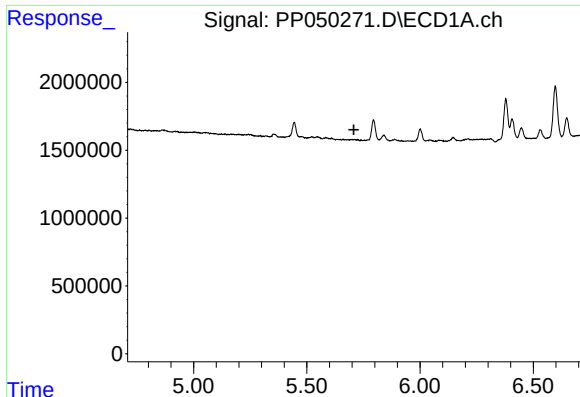
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.545 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

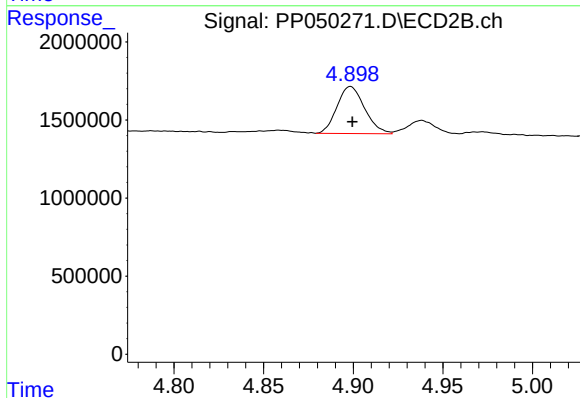
R.T.: 4.670 min  
Delta R.T.: -0.014 min  
Response: 631531  
Conc: 4.37 ng/ml



#6 AR-1016-4

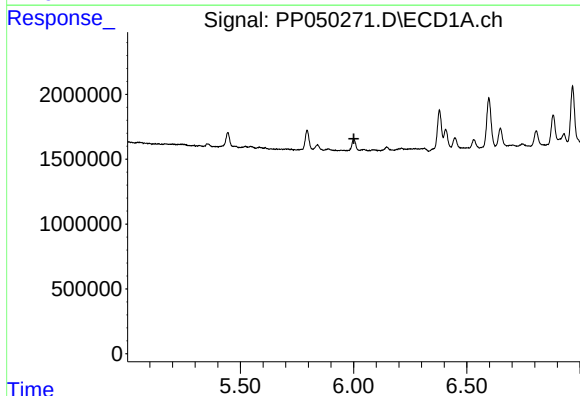
R.T.: 0.000 min  
Exp R.T.: 5.707 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



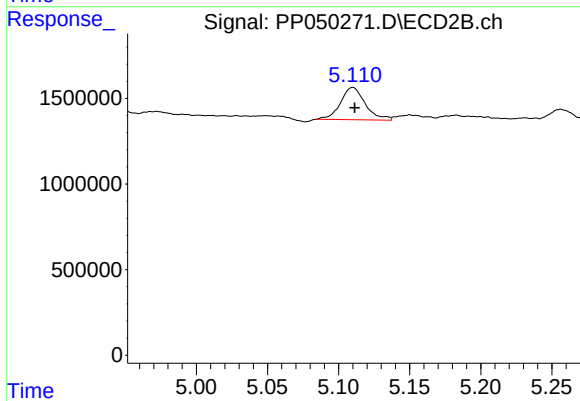
#6 AR-1016-4

R.T.: 4.899 min  
Delta R.T.: -0.001 min  
Response: 3230679  
Conc: 55.45 ng/ml



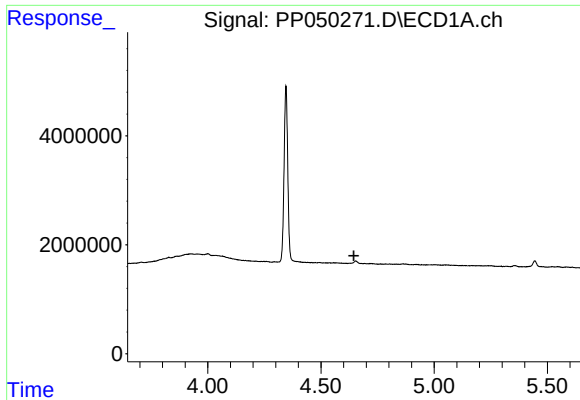
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 6.001 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

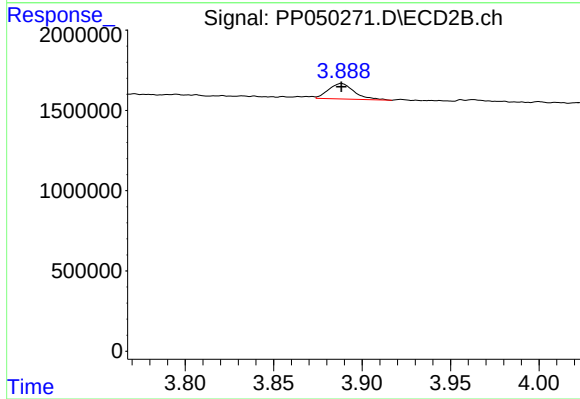
R.T.: 5.110 min  
Delta R.T.: -0.001 min  
Response: 2297490  
Conc: 30.07 ng/ml



#9 AR-1221-2

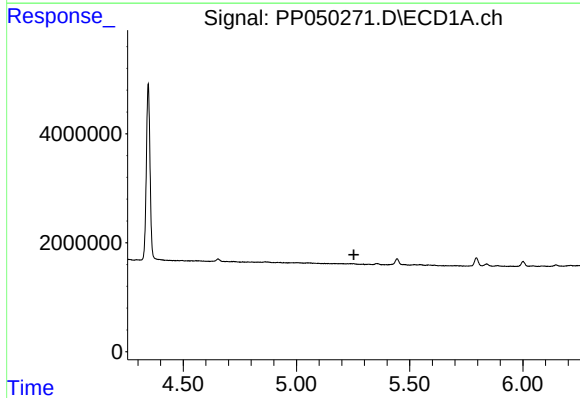
R.T.: 0.000 min  
Exp R.T.: 4.646 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



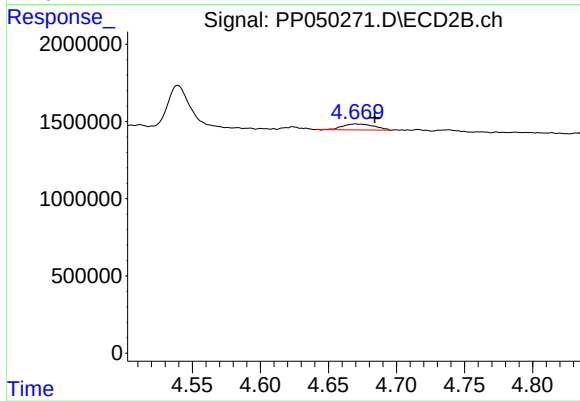
#9 AR-1221-2

R.T.: 3.888 min  
Delta R.T.: 0.000 min  
Response: 984633  
Conc: 34.48 ng/ml



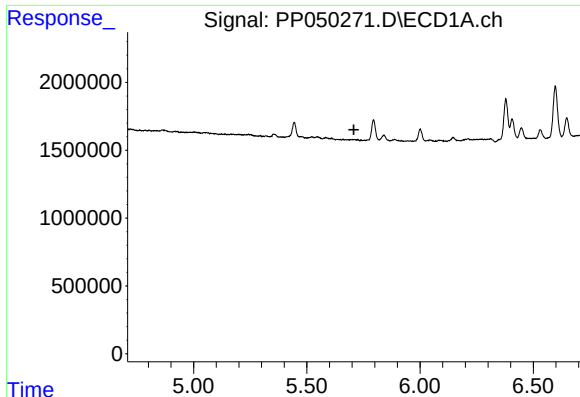
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T.: 5.254 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

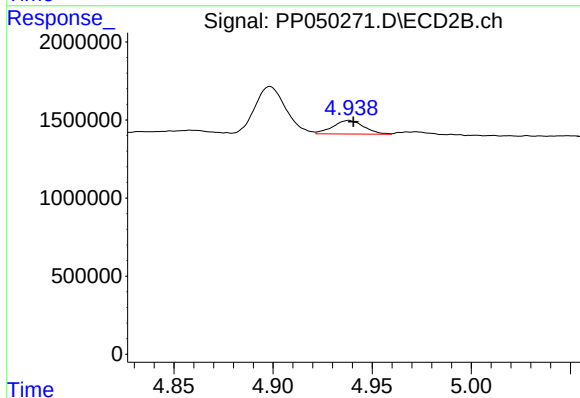
R.T.: 4.670 min  
Delta R.T.: -0.014 min  
Response: 631531  
Conc: 9.82 ng/ml



#14 AR-1232-4

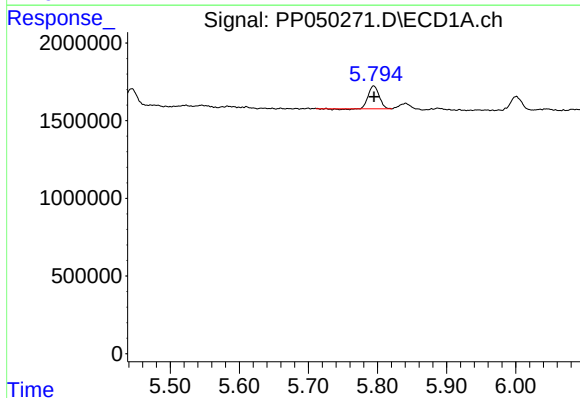
R.T.: 0.000 min  
Exp R.T.: 5.708 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



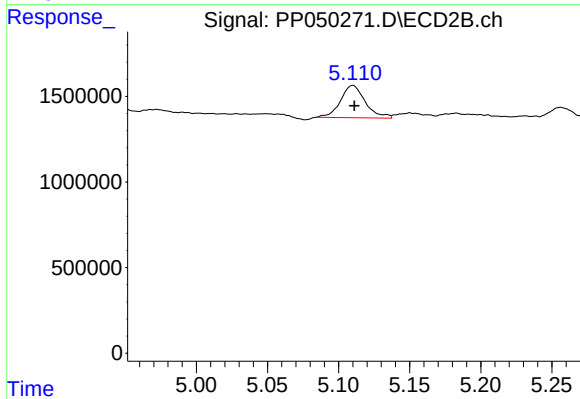
#14 AR-1232-4

R.T.: 4.938 min  
Delta R.T.: -0.002 min  
Response: 953032  
Conc: 32.35 ng/ml



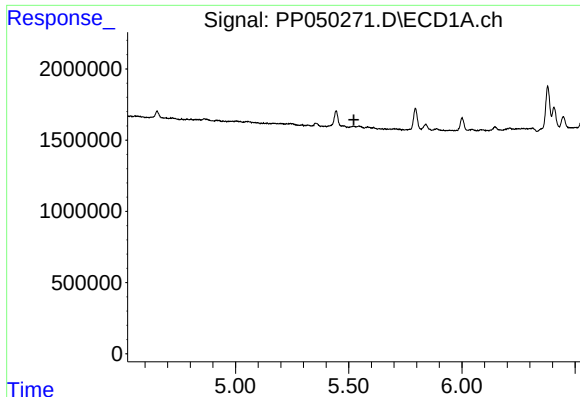
#15 AR-1232-5

R.T.: 5.795 min  
Delta R.T.: 0.000 min  
Response: 1576819  
Conc: 100.86 ng/ml



#15 AR-1232-5

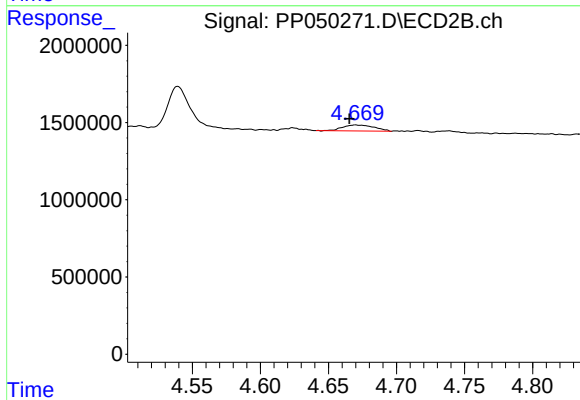
R.T.: 5.110 min  
Delta R.T.: -0.001 min  
Response: 2297490  
Conc: 69.77 ng/ml



#16 AR-1242-1

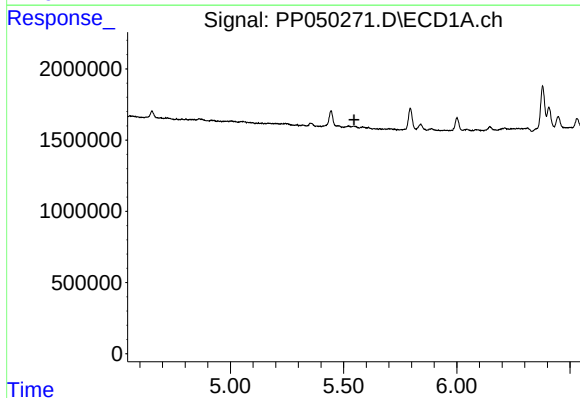
R.T.: 0.000 min  
Exp R.T.: 5.523 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



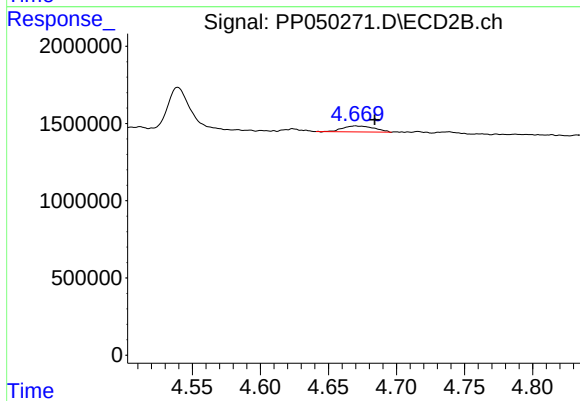
#16 AR-1242-1

R.T.: 4.670 min  
Delta R.T.: 0.004 min  
Response: 631531  
Conc: 7.62 ng/ml



#17 AR-1242-2

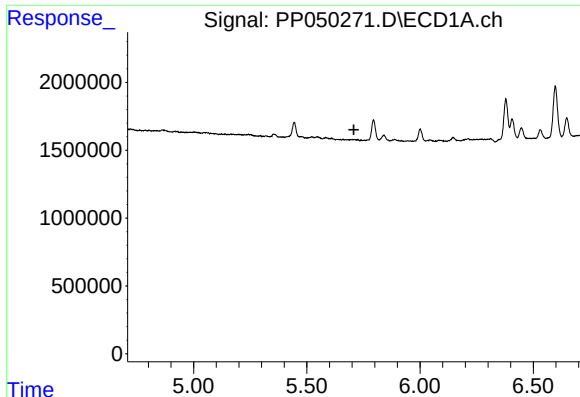
R.T.: 0.000 min  
Exp R.T.: 5.546 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

R.T.: 4.670 min  
Delta R.T.: -0.014 min  
Response: 631531  
Conc: 5.41 ng/ml

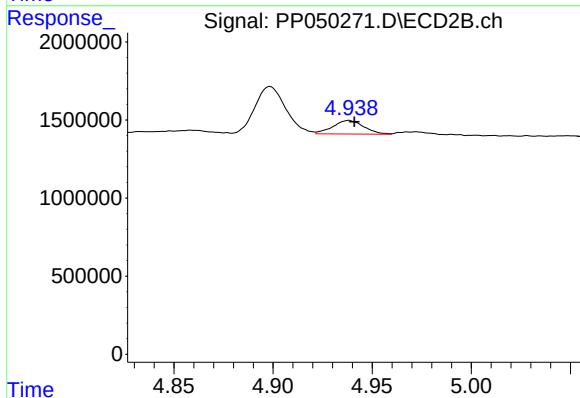




#19 AR-1242-4

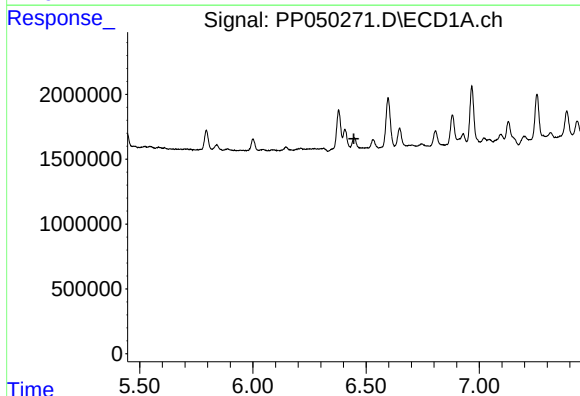
R.T.: 0.000 min  
Exp R.T.: 5.708 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



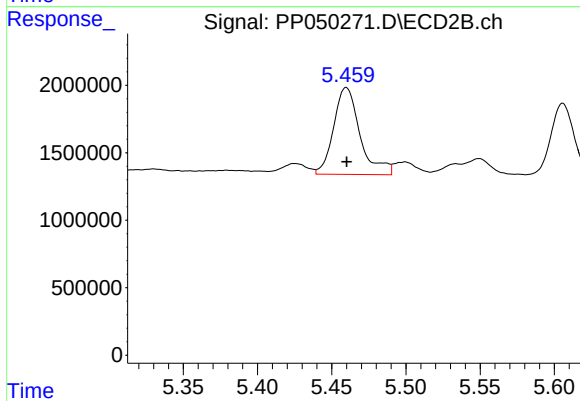
#19 AR-1242-4

R.T.: 4.938 min  
Delta R.T.: -0.003 min  
Response: 953032  
Conc: 16.28 ng/ml



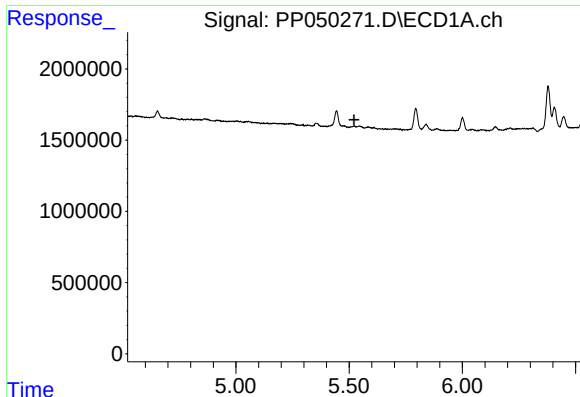
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.446 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

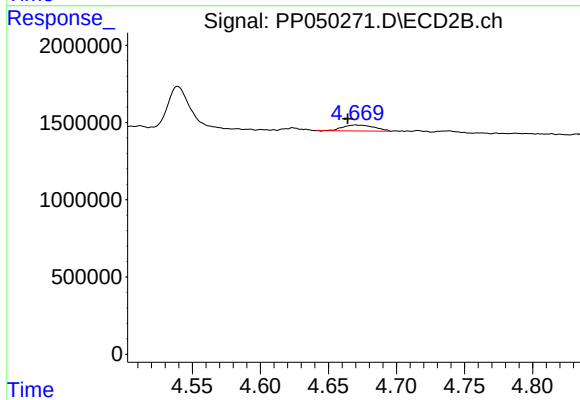
R.T.: 5.460 min  
Delta R.T.: 0.000 min  
Response: 7969252  
Conc: 114.65 ng/ml



#21 AR-1248-1

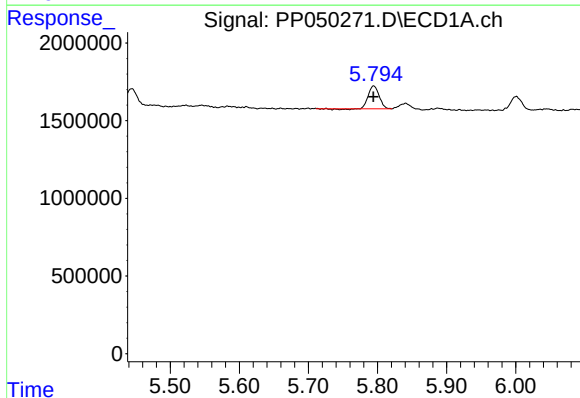
R.T.: 0.000 min  
Exp R.T.: 5.522 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



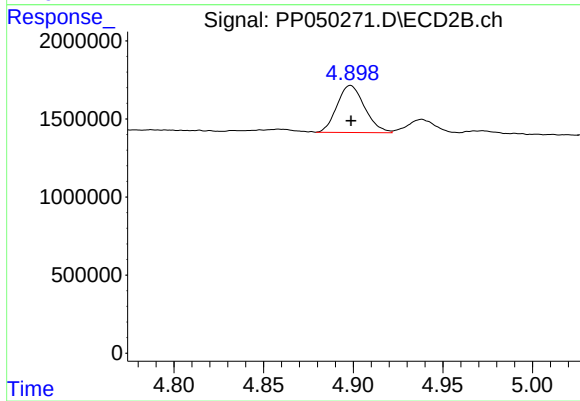
#21 AR-1248-1

R.T.: 4.670 min  
Delta R.T.: 0.006 min  
Response: 631531  
Conc: 9.45 ng/ml



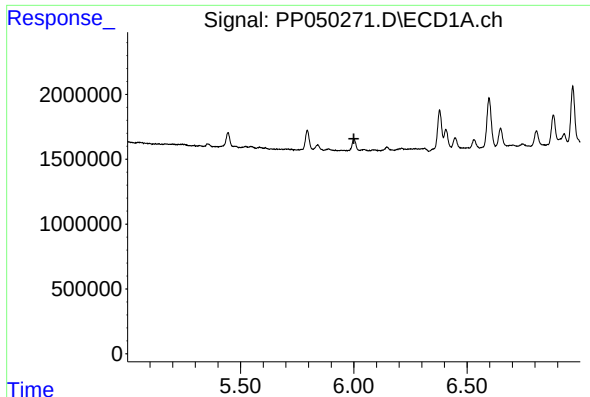
#22 AR-1248-2

R.T.: 5.795 min  
Delta R.T.: 0.000 min  
Response: 1576819  
Conc: 28.22 ng/ml



#22 AR-1248-2

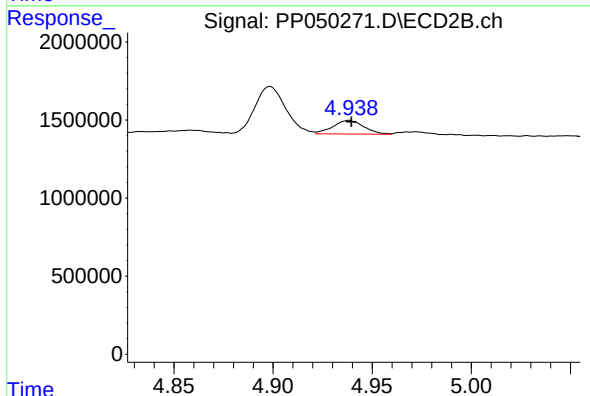
R.T.: 4.899 min  
Delta R.T.: 0.000 min  
Response: 3230679  
Conc: 37.40 ng/ml



#23 AR-1248-3

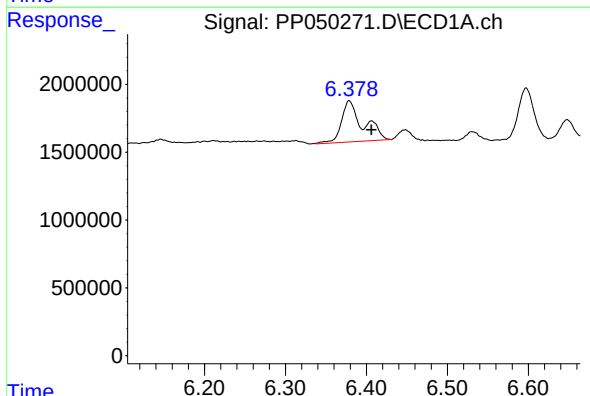
R.T.: 0.000 min  
Exp R.T.: 6.000 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



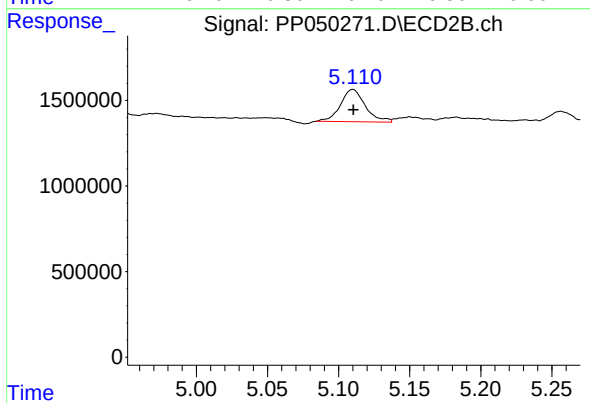
#23 AR-1248-3

R.T.: 4.938 min  
Delta R.T.: -0.001 min  
Response: 953032  
Conc: 10.51 ng/ml



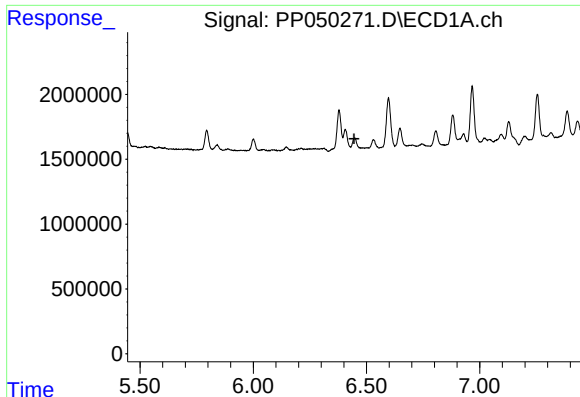
#24 AR-1248-4

R.T.: 6.379 min  
Delta R.T.: -0.027 min  
Response: 5531752  
Conc: 69.93 ng/ml



#24 AR-1248-4

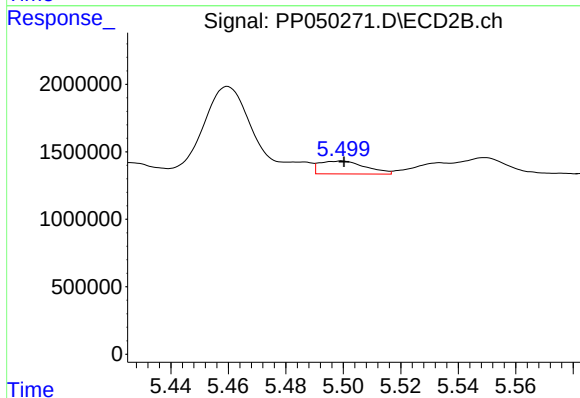
R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 2297490  
Conc: 21.80 ng/ml



#25 AR-1248-5

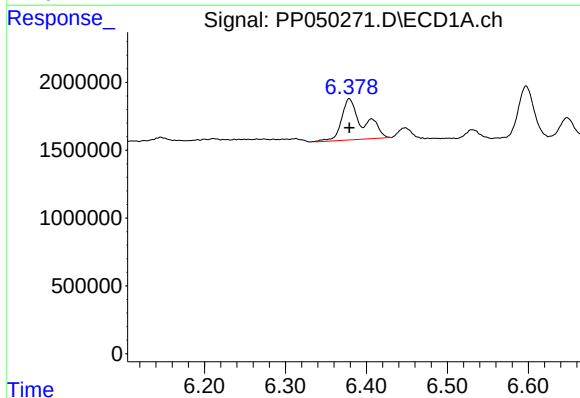
R.T.: 0.000 min  
Exp R.T.: 6.445 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



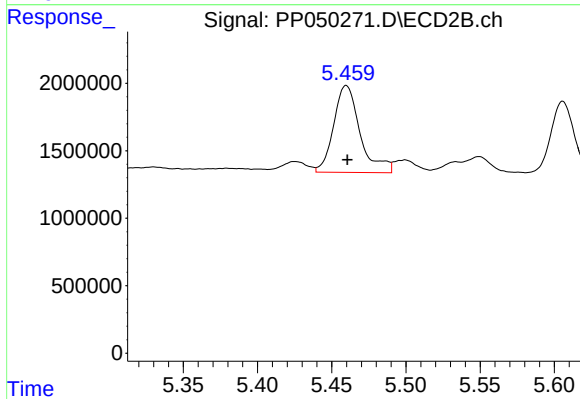
#25 AR-1248-5

R.T.: 5.500 min  
Delta R.T.: 0.000 min  
Response: 1062925  
Conc: 10.71 ng/ml



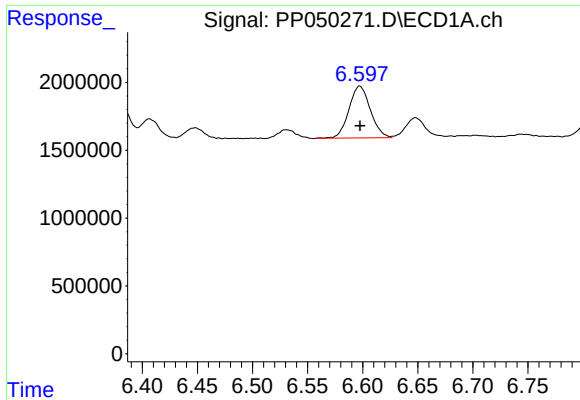
#26 AR-1254-1

R.T.: 6.379 min  
Delta R.T.: 0.000 min  
Response: 5531752  
Conc: 79.79 ng/ml



#26 AR-1254-1

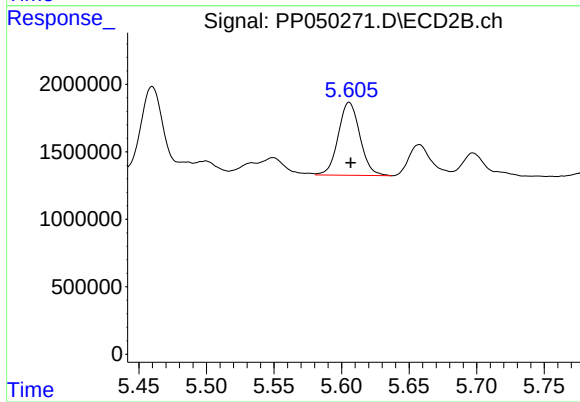
R.T.: 5.460 min  
Delta R.T.: 0.000 min  
Response: 7969252  
Conc: 60.31 ng/ml



#27 AR-1254-2

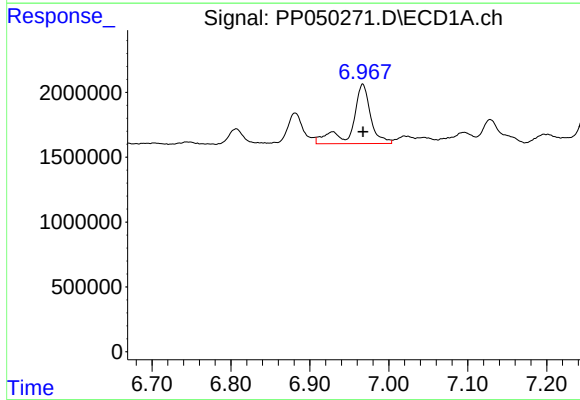
R.T.: 6.598 min  
Delta R.T.: 0.000 min  
Response: 5142813  
Conc: 48.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



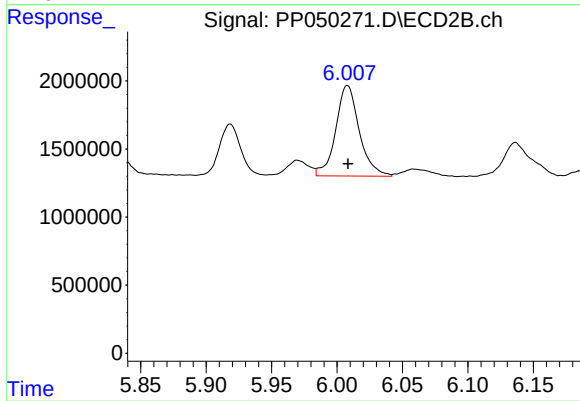
#27 AR-1254-2

R.T.: 5.606 min  
Delta R.T.: -0.001 min  
Response: 6040767  
Conc: 55.43 ng/ml



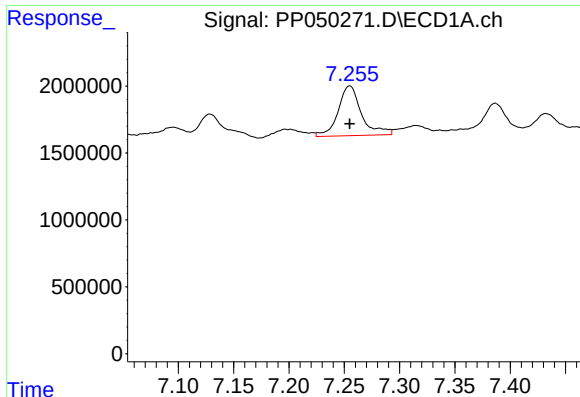
#28 AR-1254-3

R.T.: 6.967 min  
Delta R.T.: 0.000 min  
Response: 7446180  
Conc: 65.64 ng/ml



#28 AR-1254-3

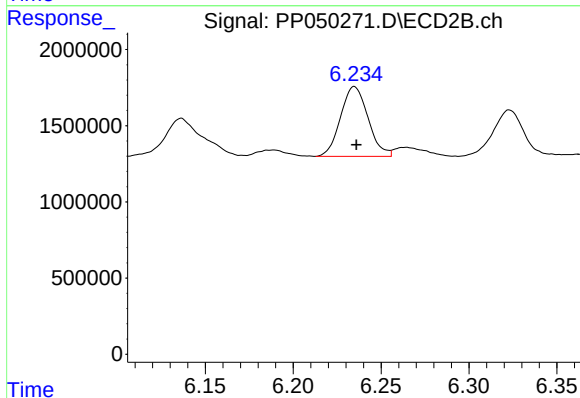
R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 8365107  
Conc: 52.56 ng/ml



#29 AR-1254-4

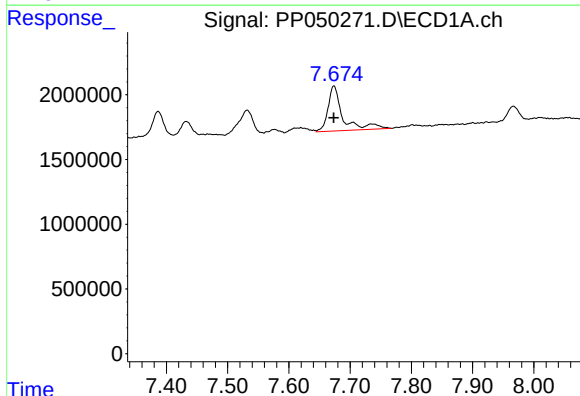
R.T.: 7.255 min  
Delta R.T.: 0.000 min  
Response: 5459708  
Conc: 59.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



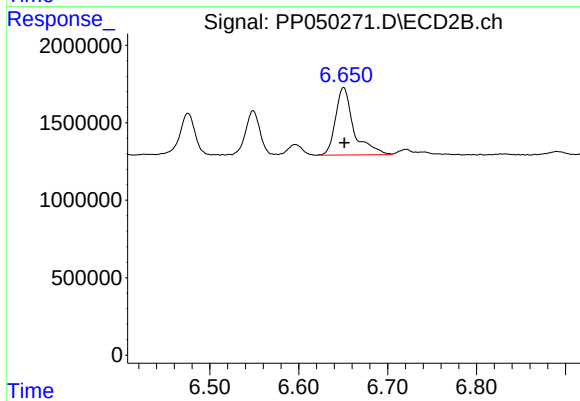
#29 AR-1254-4

R.T.: 6.235 min  
Delta R.T.: -0.001 min  
Response: 4991722  
Conc: 51.34 ng/ml



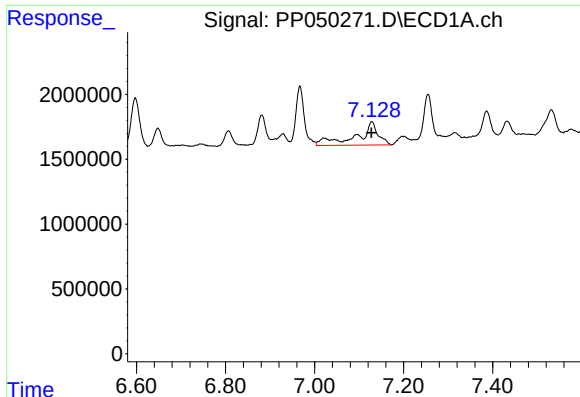
#30 AR-1254-5

R.T.: 7.674 min  
Delta R.T.: 0.000 min  
Response: 5814189  
Conc: 61.51 ng/ml



#30 AR-1254-5

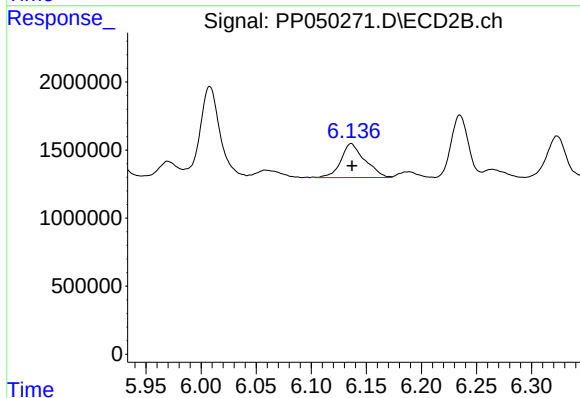
R.T.: 6.650 min  
Delta R.T.: 0.000 min  
Response: 6227425  
Conc: 50.52 ng/ml



#31 AR-1260-1

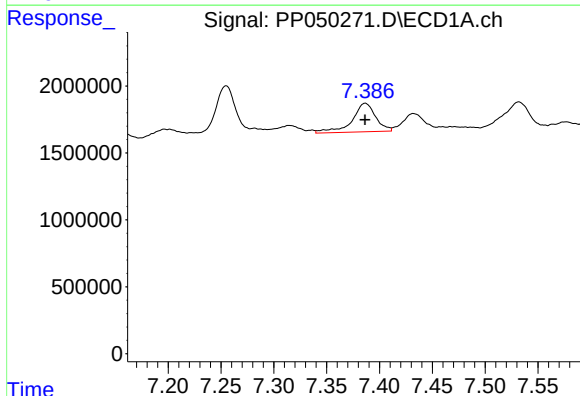
R.T.: 7.129 min  
Delta R.T.: 0.000 min  
Response: 5979822  
Conc: 65.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



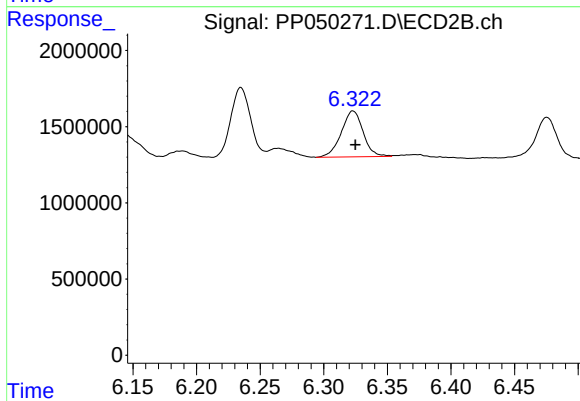
#31 AR-1260-1

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 3755782  
Conc: 33.14 ng/ml



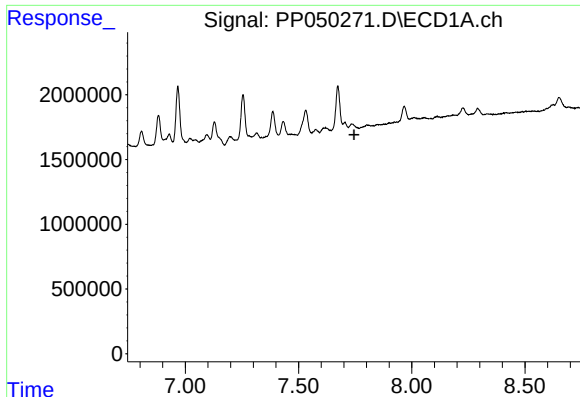
#32 AR-1260-2

R.T.: 7.387 min  
Delta R.T.: 0.000 min  
Response: 3322977  
Conc: 29.09 ng/ml



#32 AR-1260-2

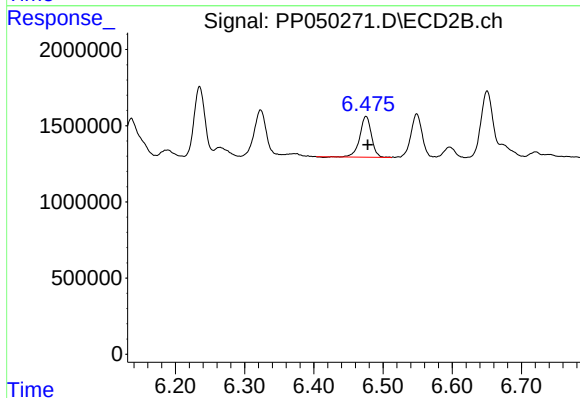
R.T.: 6.323 min  
Delta R.T.: -0.002 min  
Response: 3605086  
Conc: 26.84 ng/ml



#33 AR-1260-3

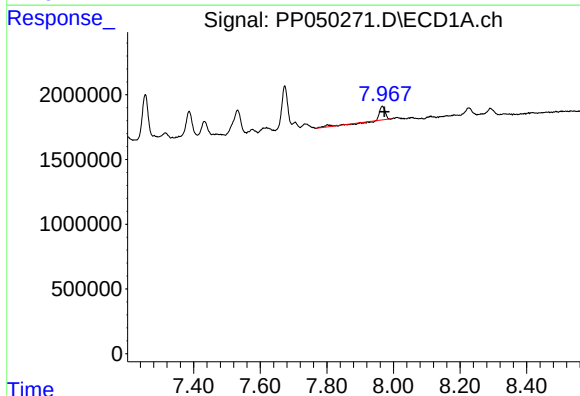
R.T.: 0.000 min  
Exp R.T.: 7.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



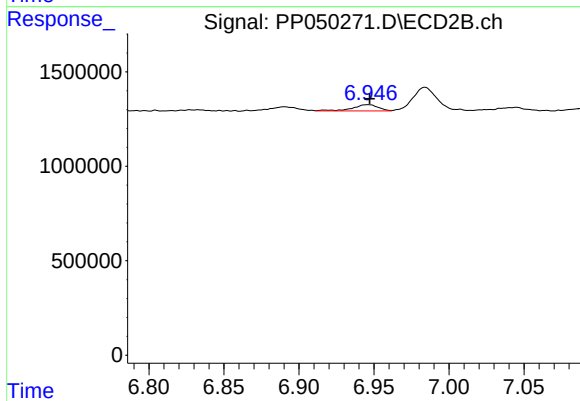
#33 AR-1260-3

R.T.: 6.475 min  
Delta R.T.: -0.002 min  
Response: 3141728  
Conc: 26.08 ng/ml



#34 AR-1260-4

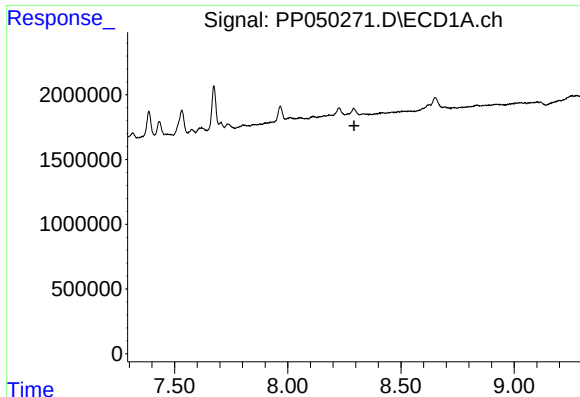
R.T.: 7.967 min  
Delta R.T.: -0.006 min  
Response: 1278488  
Conc: 13.43 ng/ml



#34 AR-1260-4

R.T.: 6.946 min  
Delta R.T.: -0.001 min  
Response: 390420  
Conc: 4.40 ng/ml

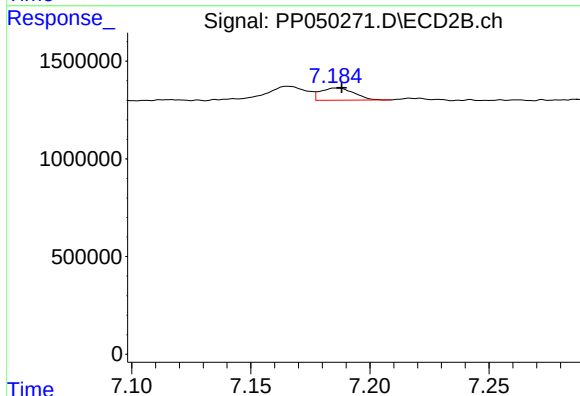




#35 AR-1260-5

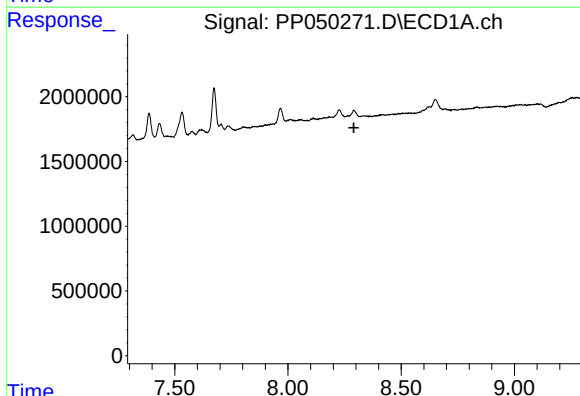
R.T.: 0.000 min  
Exp R.T.: 8.292 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



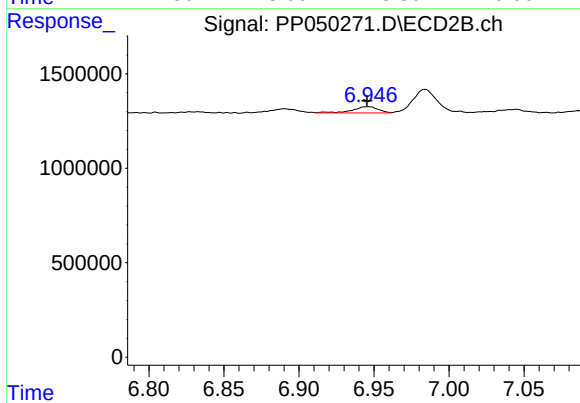
#35 AR-1260-5

R.T.: 7.186 min  
Delta R.T.: -0.002 min  
Response: 611327  
Conc: 3.14 ng/ml



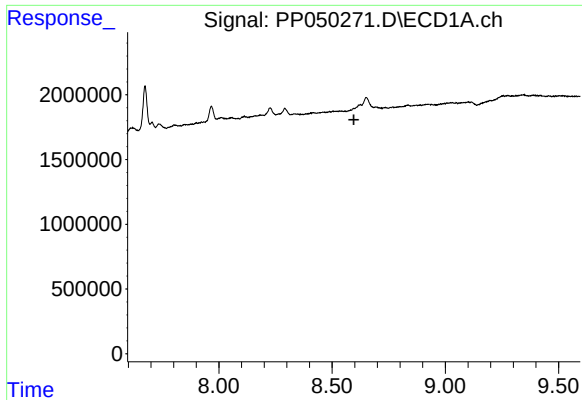
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.291 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

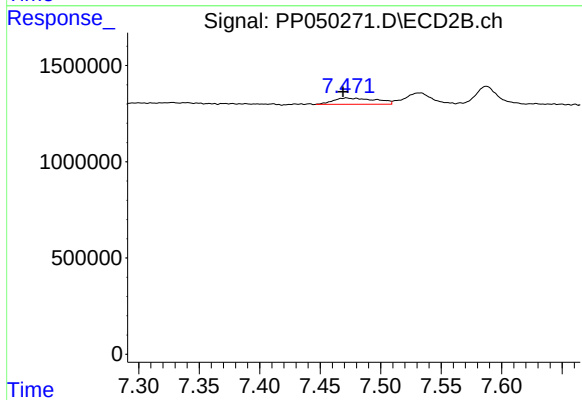
R.T.: 6.946 min  
Delta R.T.: 0.000 min  
Response: 390420  
Conc: 3.59 ng/ml



#38 AR-1262-3

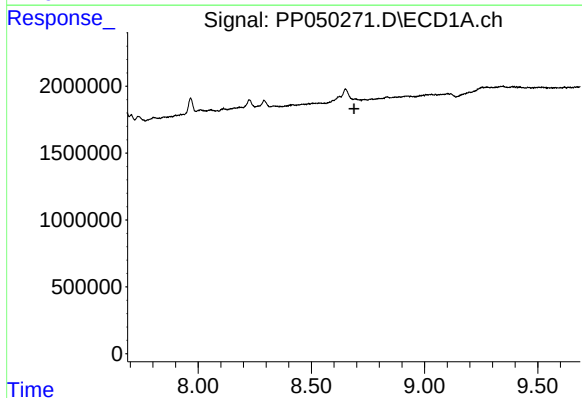
R.T.: 0.000 min  
Exp R.T.: 8.596 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



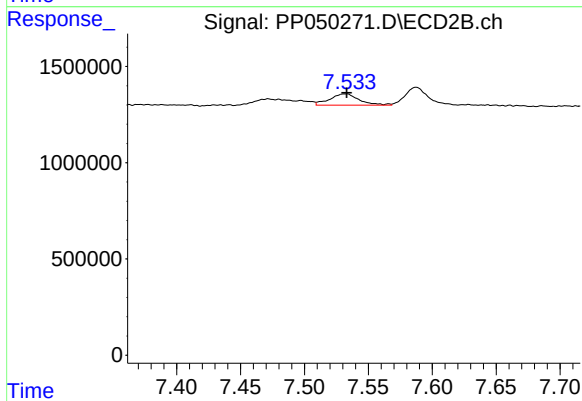
#38 AR-1262-3

R.T.: 7.472 min  
Delta R.T.: 0.003 min  
Response: 802113  
Conc: 11.05 ng/ml



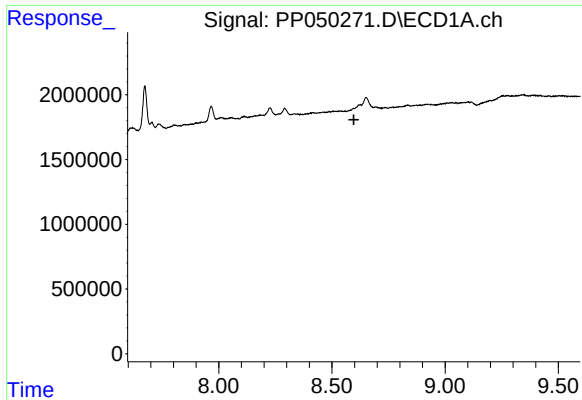
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.688 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

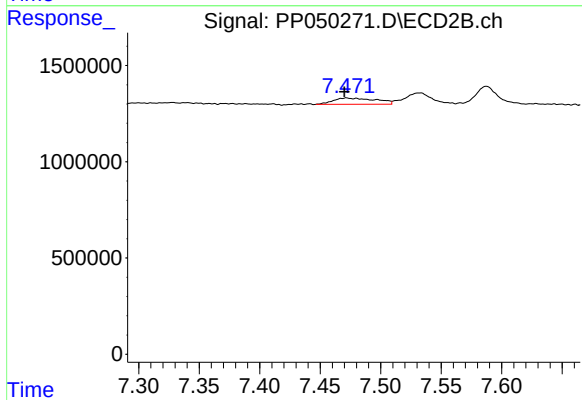
R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 946959  
Conc: 6.87 ng/ml



#41 AR-1268-1

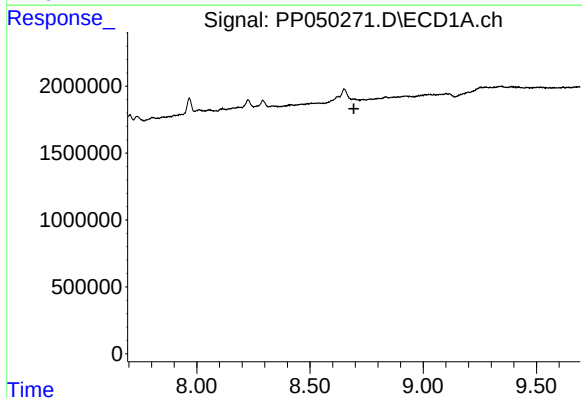
R.T.: 0.000 min  
Exp R.T.: 8.597 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



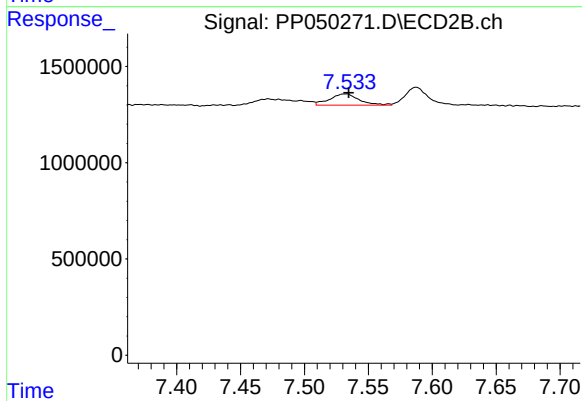
#41 AR-1268-1

R.T.: 7.472 min  
Delta R.T.: 0.002 min  
Response: 802113  
Conc: 3.65 ng/ml



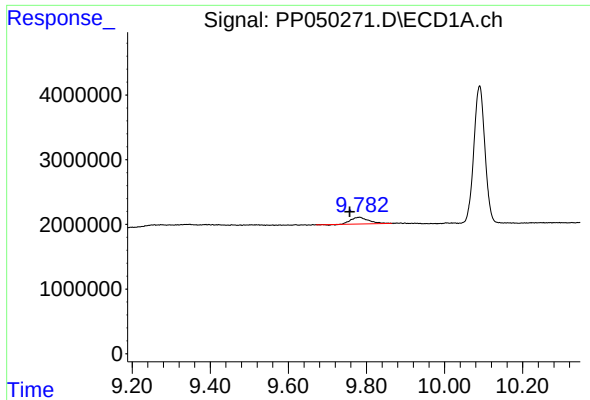
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.694 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

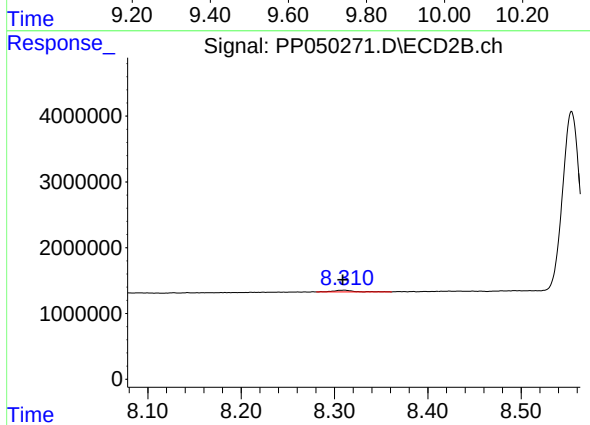
R.T.: 7.532 min  
Delta R.T.: -0.002 min  
Response: 946959  
Conc: 4.75 ng/ml



#45 AR-1268-5

R.T.: 9.781 min  
Delta R.T.: 0.024 min  
Response: 3220477  
Conc: 4.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.310 min  
Delta R.T.: 0.001 min  
Response: 351438  
Conc: 0.64 ng/ml