

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR032221\  
 Data File : PR049681.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Mar 2021 12:26  
 Operator : AJ\MA  
 Sample : M1458-02  
 Misc : AR1221 LOQ 50 PPB  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 23 17:15:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR032221.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 23 05:33:38 2021  
 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... | 4.670  | 3.872  | 125.4E6  | 29599489 | 19.324 | 17.088   |
| 2)                          | SA Decachlor... | 10.580 | 8.933  | 96218839 | 86869937 | 18.328 | 17.767   |
|                             |                 |        |        |          |          |        |          |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 5.857  | 4.980f | 636241   | 477019   | 3.010  | 10.415 # |
| 4)                          | L1 AR-1016-2    | 5.880  | 4.980  | 788585   | 477019   | 2.623  | 5.932 #  |
| 5)                          | L1 AR-1016-3    | 5.946  | 5.159  | 625251   | 278288   | 3.547  | 5.771 #  |
| 6)                          | L1 AR-1016-4    | 6.044  | 5.200  | 683834   | 115869   | 4.616  | 4.953    |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.412  | 0        | 206821   | N.D.   | 5.660 #  |
| 8)                          | L2 AR-1221-1    | 4.882  | 4.084  | 2914082  | 720302   | 47.209 | 42.309   |
| 9)                          | L2 AR-1221-2    | 4.976  | 4.172  | 3245129  | 1062390  | 70.754 | 71.436   |
| 10)                         | L2 AR-1221-3    | 5.051  | 4.248  | 6811164  | 2147864  | 46.658 | 47.322   |
| 11)                         | L3 AR-1232-1    | 5.051  | 4.248  | 6811164  | 2147864  | 55.052 | 57.307   |
| 12)                         | L3 AR-1232-2    | 5.587  | 4.980  | 417844   | 477019   | 6.512  | 14.107 # |
| 13)                         | L3 AR-1232-3    | 5.880  | 5.159  | 788585   | 278288   | 6.342  | 14.111 # |
| 14)                         | L3 AR-1232-4    | 6.044  | 0.000  | 683834   | 0        | 11.194 | N.D. #   |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.412  | 0        | 206821   | N.D.   | 15.129 # |
| 16)                         | L4 AR-1242-1    | 5.857  | 4.980f | 636241   | 477019   | 4.083  | 14.433 # |
| 17)                         | L4 AR-1242-2    | 5.880  | 4.980  | 788585   | 477019   | 3.524  | 8.220 #  |
| 18)                         | L4 AR-1242-3    | 5.946  | 5.159  | 625251   | 278288   | 4.731  | 7.879 #  |
| 19)                         | L4 AR-1242-4    | 6.044  | 0.000  | 683834   | 0        | 6.207  | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.857  | 4.980f | 636241   | 477019   | 5.640  | 19.138 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.200  | 0        | 115869   | N.D.   | 4.113 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.412  | 0        | 206821   | N.D.   | 4.747 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.301f | 0        | 20050    | N.D.   | 0.164 #  |
| 30)                         | L6 AR-1254-5    | 7.999  | 6.944f | 193418   | 135871   | 0.697  | 0.862    |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.944  | 0        | 135871   | N.D.   | 1.541 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.058  | 0        | 671465   | N.D.   | 1.039 #  |
| 45)                         | L9 AR-1268-5    | 10.227 | 8.662  | 405378   | 1043350  | 0.198  | 0.478 #  |
| -----                       |                 |        |        |          |          |        |          |

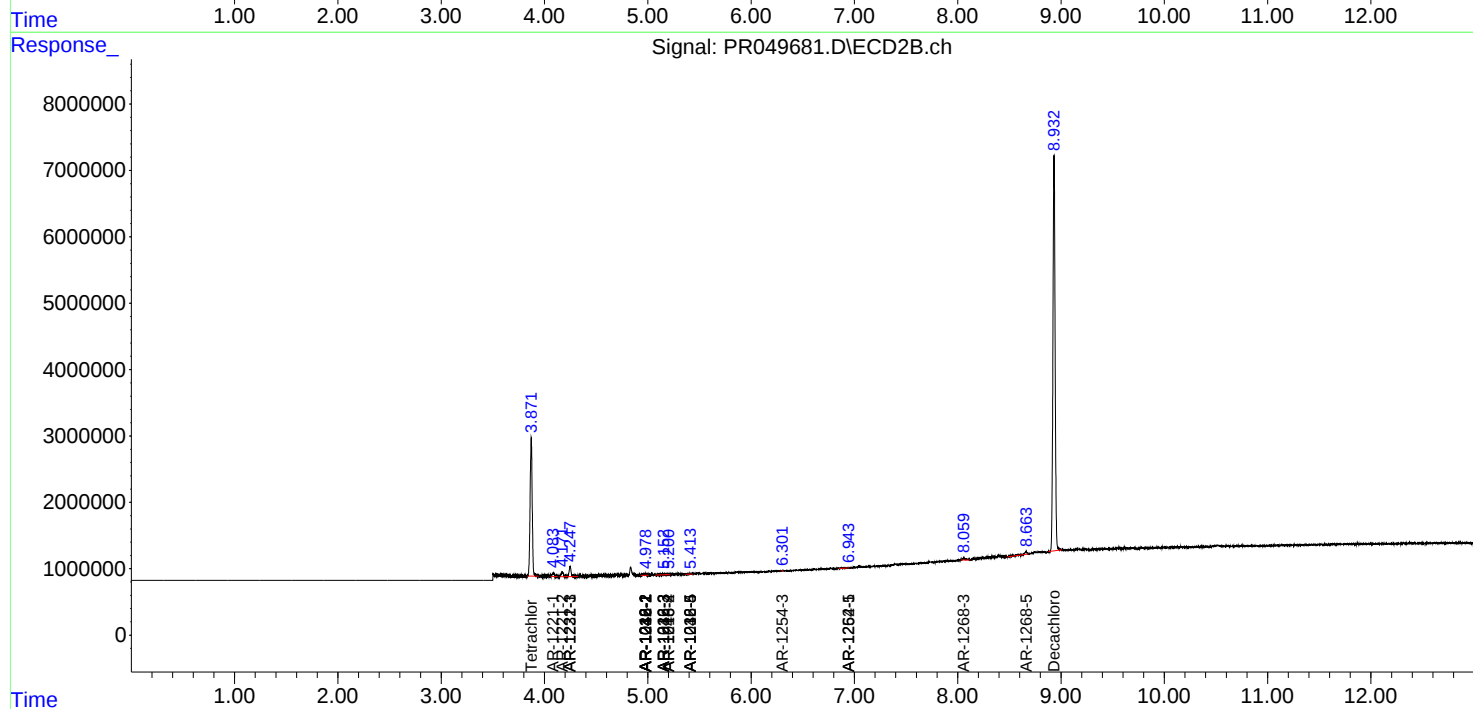
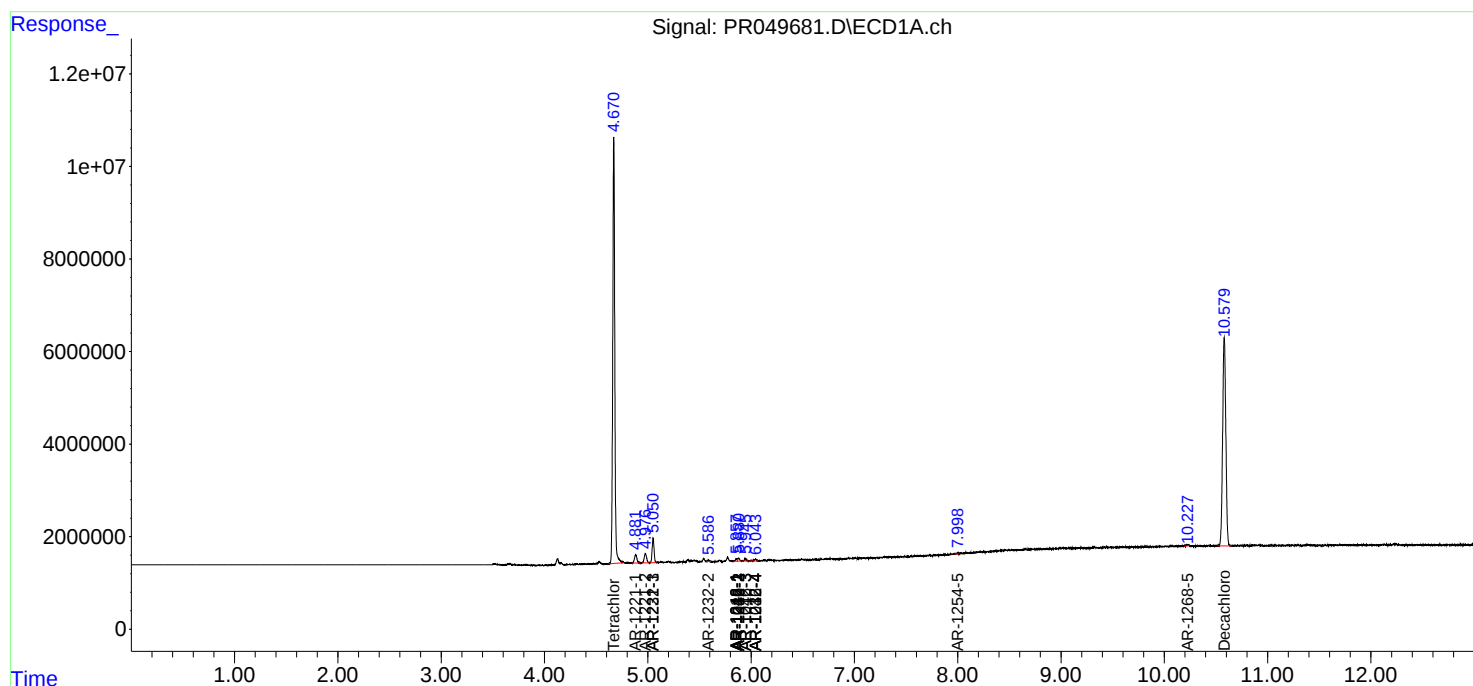
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

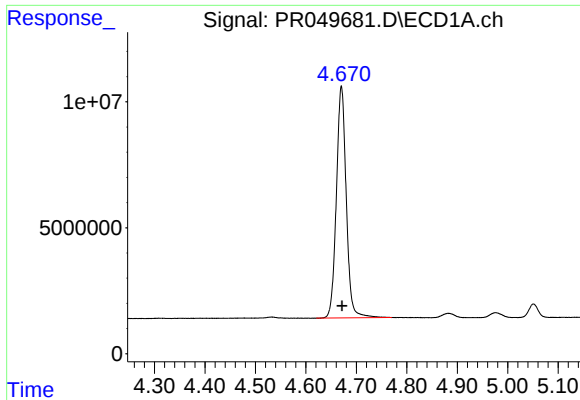
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR032221\  
Data File : PR049681.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Mar 2021 12:26  
Operator : AJ\MA  
Sample : M1458-02  
Misc : AR1221 LOQ 50 PPB  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 23 17:15:53 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR032221.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 23 05:33:38 2021  
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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

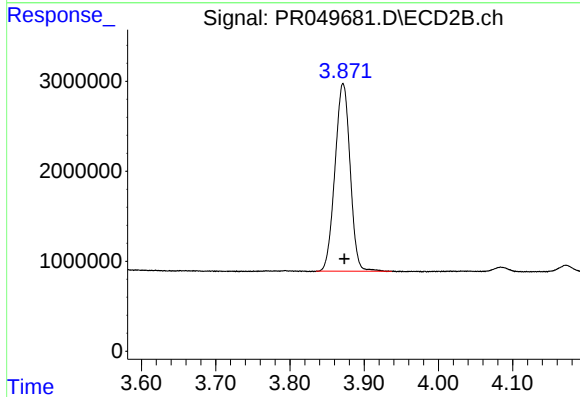




#1 Tetrachloro-m-xylene

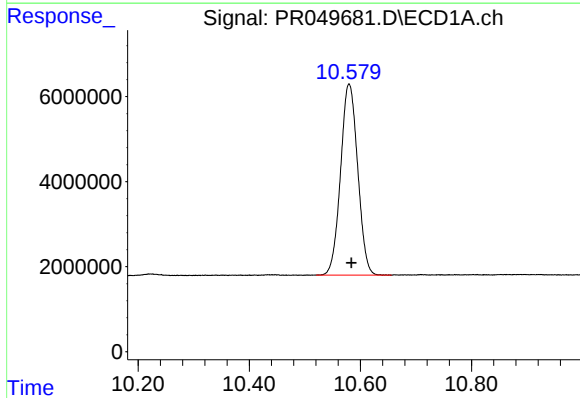
R.T.: 4.670 min  
Delta R.T.: -0.002 min  
Response: 125383934  
Conc: 19.32 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



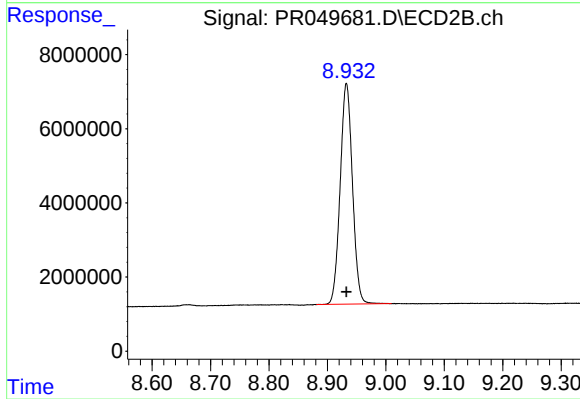
#1 Tetrachloro-m-xylene

R.T.: 3.872 min  
Delta R.T.: -0.002 min  
Response: 29599489  
Conc: 17.09 ng/ml



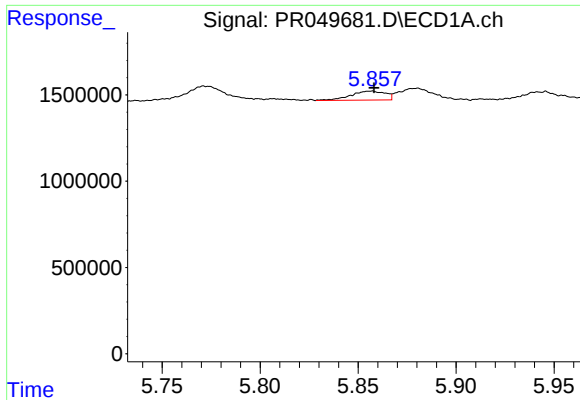
#2 Decachlorobiphenyl

R.T.: 10.580 min  
Delta R.T.: -0.004 min  
Response: 96218839  
Conc: 18.33 ng/ml



#2 Decachlorobiphenyl

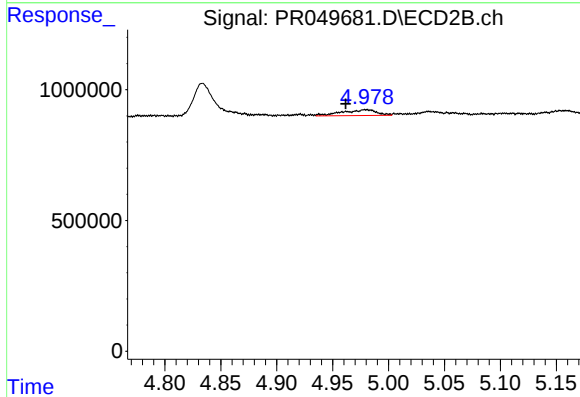
R.T.: 8.933 min  
Delta R.T.: 0.000 min  
Response: 86869937  
Conc: 17.77 ng/ml



#3 AR-1016-1

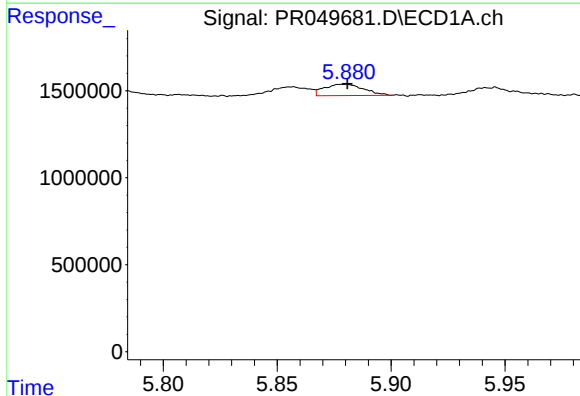
R.T.: 5.857 min  
Delta R.T.: 0.000 min  
Response: 636241  
Conc: 3.01 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



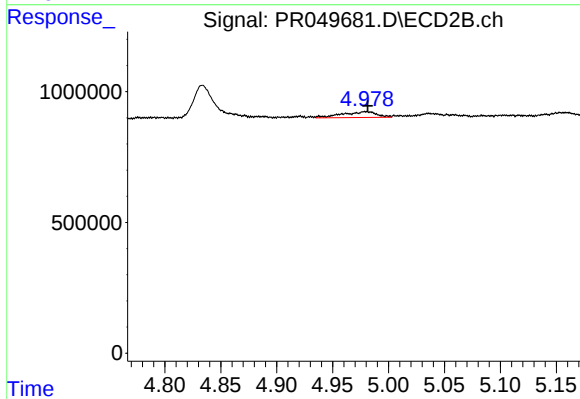
#3 AR-1016-1

R.T.: 4.980 min  
Delta R.T.: 0.018 min  
Response: 477019  
Conc: 10.42 ng/ml



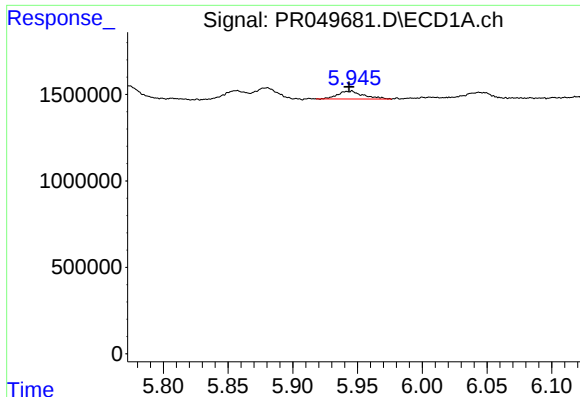
#4 AR-1016-2

R.T.: 5.880 min  
Delta R.T.: 0.000 min  
Response: 788585  
Conc: 2.62 ng/ml



#4 AR-1016-2

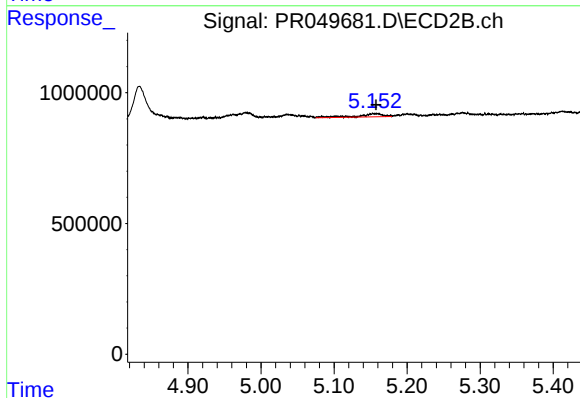
R.T.: 4.980 min  
Delta R.T.: -0.002 min  
Response: 477019  
Conc: 5.93 ng/ml



#5 AR-1016-3

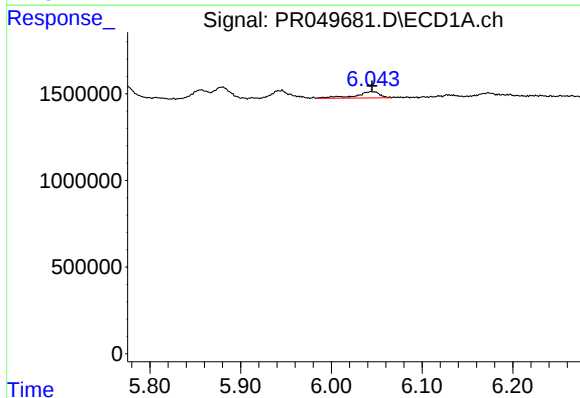
R.T.: 5.946 min  
Delta R.T.: 0.002 min  
Response: 625251  
Conc: 3.55 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



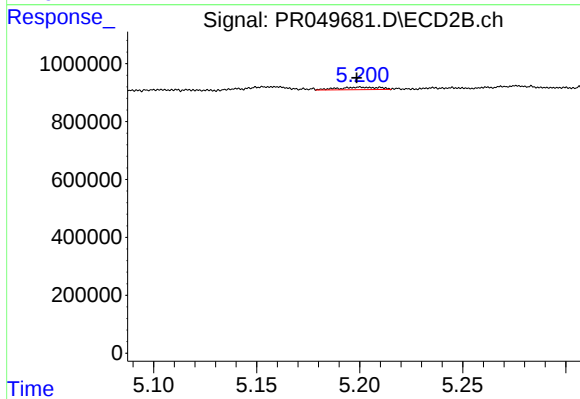
#5 AR-1016-3

R.T.: 5.159 min  
Delta R.T.: 0.002 min  
Response: 278288  
Conc: 5.77 ng/ml



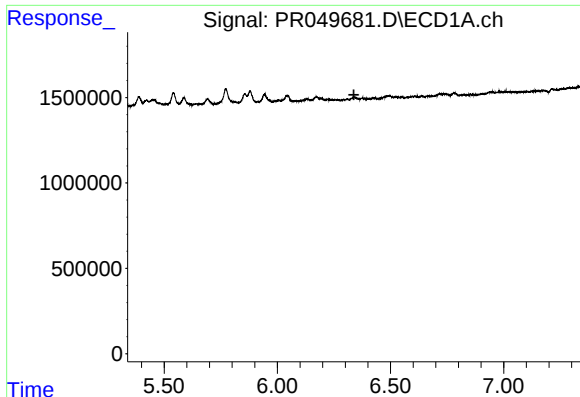
#6 AR-1016-4

R.T.: 6.044 min  
Delta R.T.: 0.000 min  
Response: 683834  
Conc: 4.62 ng/ml



#6 AR-1016-4

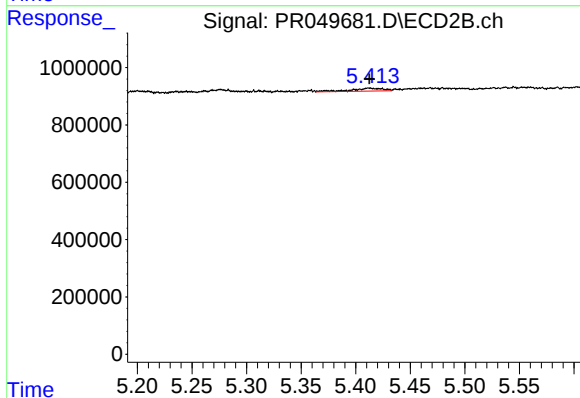
R.T.: 5.200 min  
Delta R.T.: 0.002 min  
Response: 115869  
Conc: 4.95 ng/ml



#7 AR-1016-5

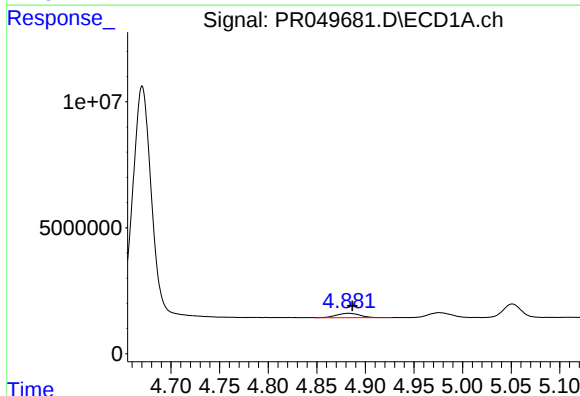
R.T.: 0.000 min  
Exp R.T.: 6.338 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



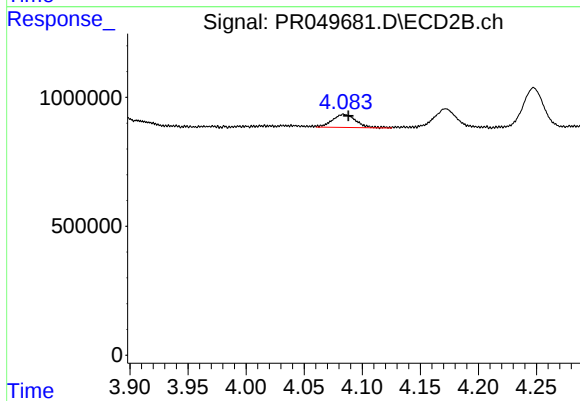
#7 AR-1016-5

R.T.: 5.412 min  
Delta R.T.: 0.000 min  
Response: 206821  
Conc: 5.66 ng/ml



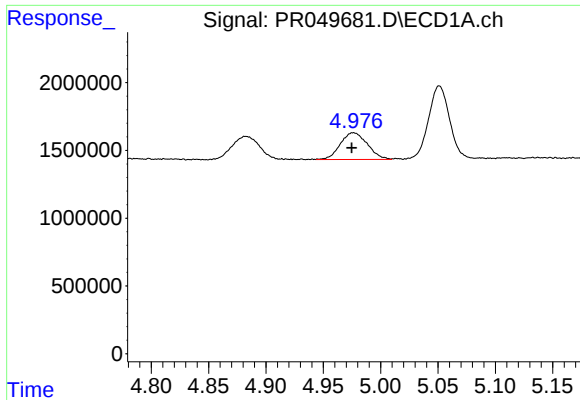
#8 AR-1221-1

R.T.: 4.882 min  
Delta R.T.: -0.004 min  
Response: 2914082  
Conc: 47.21 ng/ml



#8 AR-1221-1

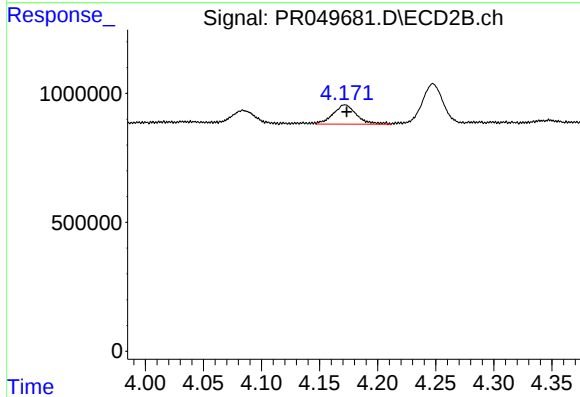
R.T.: 4.084 min  
Delta R.T.: -0.004 min  
Response: 720302  
Conc: 42.31 ng/ml



#9 AR-1221-2

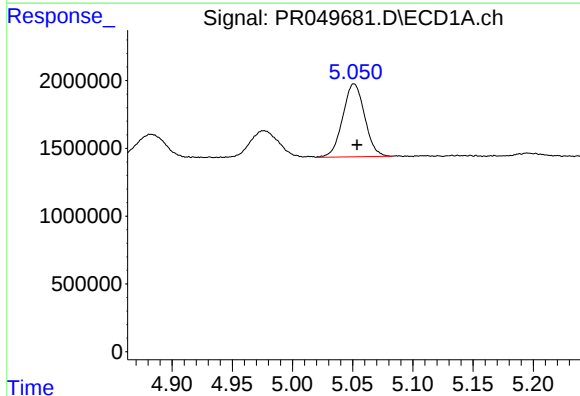
R.T.: 4.976 min  
Delta R.T.: 0.001 min  
Response: 3245129  
Conc: 70.75 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



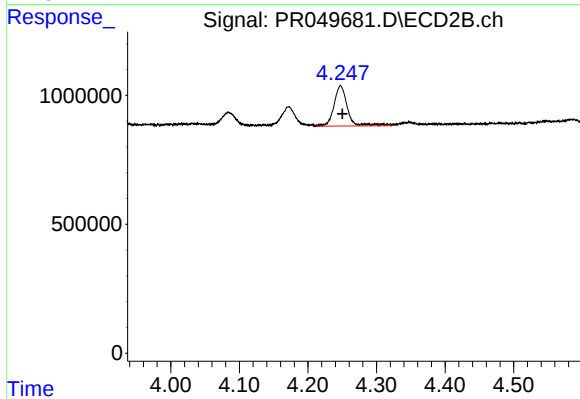
#9 AR-1221-2

R.T.: 4.172 min  
Delta R.T.: -0.002 min  
Response: 1062390  
Conc: 71.44 ng/ml



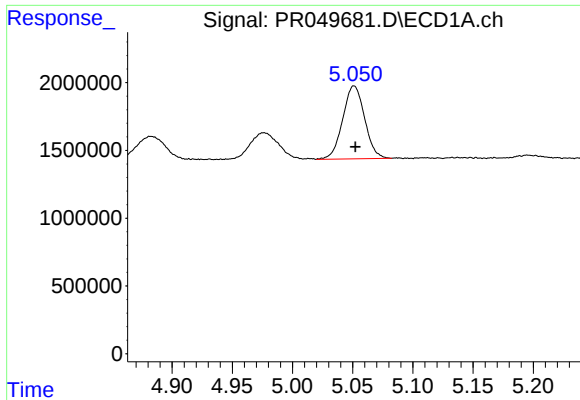
#10 AR-1221-3

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 6811164  
Conc: 46.66 ng/ml



#10 AR-1221-3

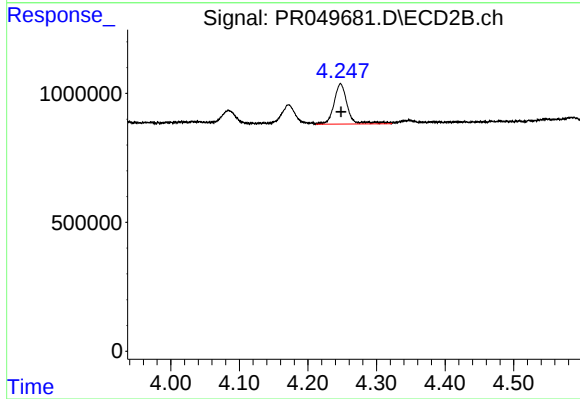
R.T.: 4.248 min  
Delta R.T.: -0.003 min  
Response: 2147864  
Conc: 47.32 ng/ml



#11 AR-1232-1

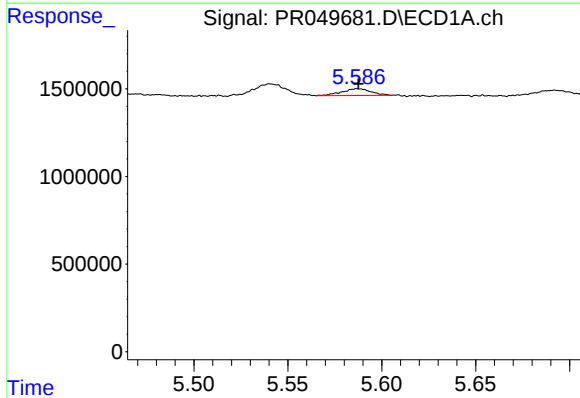
R.T.: 5.051 min  
Delta R.T.: -0.001 min  
Response: 6811164  
Conc: 55.05 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



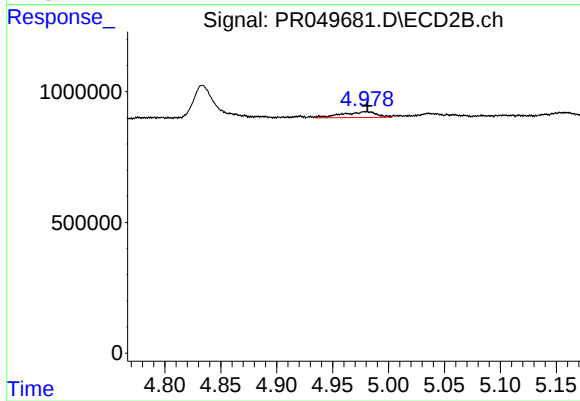
#11 AR-1232-1

R.T.: 4.248 min  
Delta R.T.: 0.000 min  
Response: 2147864  
Conc: 57.31 ng/ml



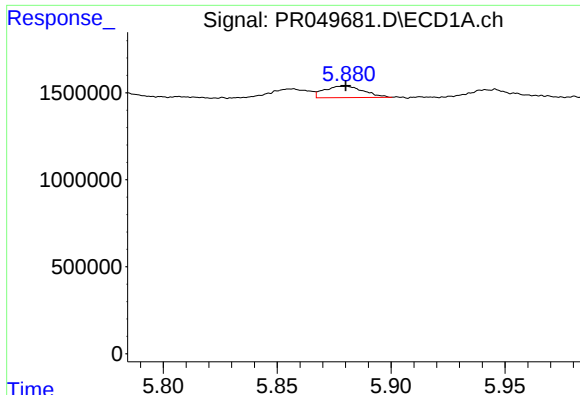
#12 AR-1232-2

R.T.: 5.587 min  
Delta R.T.: 0.000 min  
Response: 417844  
Conc: 6.51 ng/ml



#12 AR-1232-2

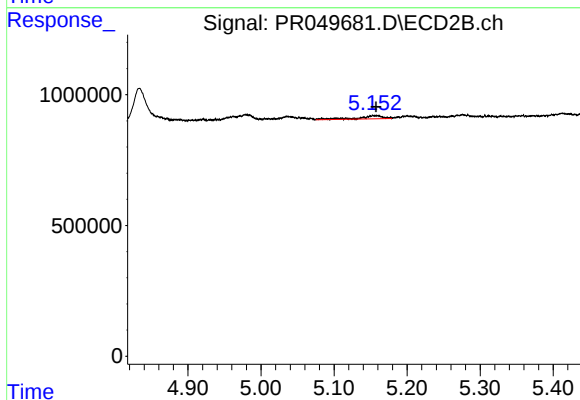
R.T.: 4.980 min  
Delta R.T.: -0.002 min  
Response: 477019  
Conc: 14.11 ng/ml



#13 AR-1232-3

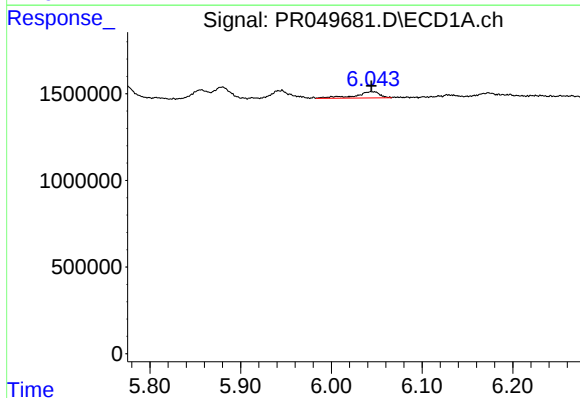
R.T.: 5.880 min  
Delta R.T.: 0.000 min  
Response: 788585  
Conc: 6.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



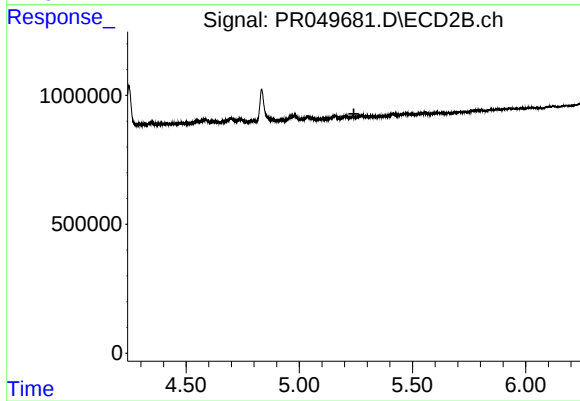
#13 AR-1232-3

R.T.: 5.159 min  
Delta R.T.: 0.001 min  
Response: 278288  
Conc: 14.11 ng/ml



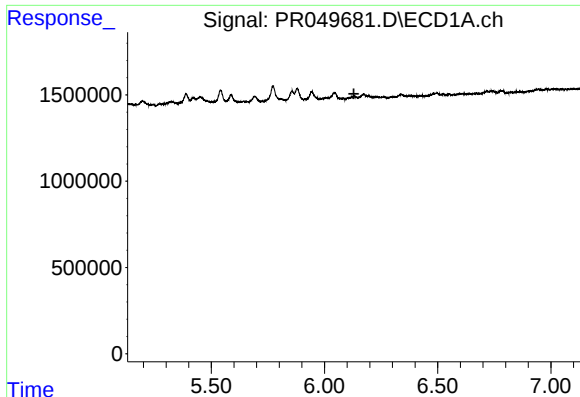
#14 AR-1232-4

R.T.: 6.044 min  
Delta R.T.: 0.000 min  
Response: 683834  
Conc: 11.19 ng/ml



#14 AR-1232-4

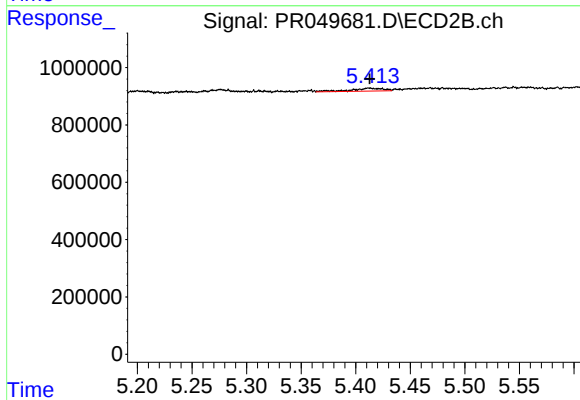
R.T.: 0.000 min  
Exp R.T.: 5.241 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

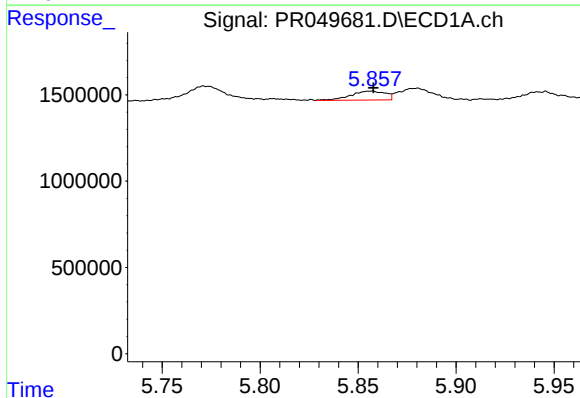
R.T.: 0.000 min  
Exp R.T.: 6.130 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



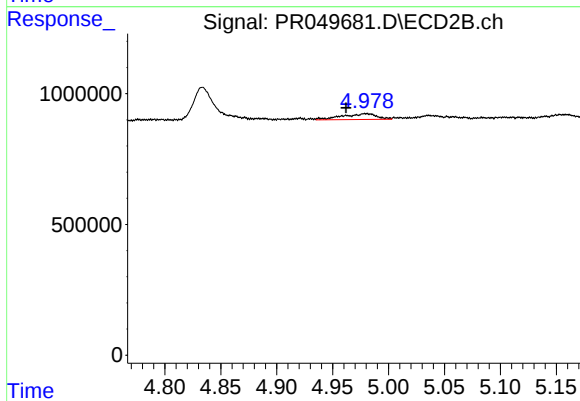
#15 AR-1232-5

R.T.: 5.412 min  
Delta R.T.: 0.000 min  
Response: 206821  
Conc: 15.13 ng/ml



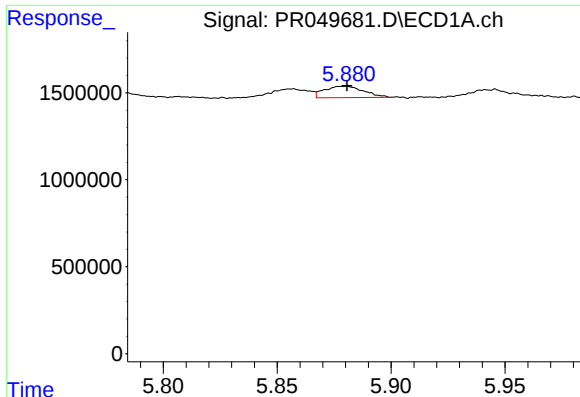
#16 AR-1242-1

R.T.: 5.857 min  
Delta R.T.: 0.000 min  
Response: 636241  
Conc: 4.08 ng/ml



#16 AR-1242-1

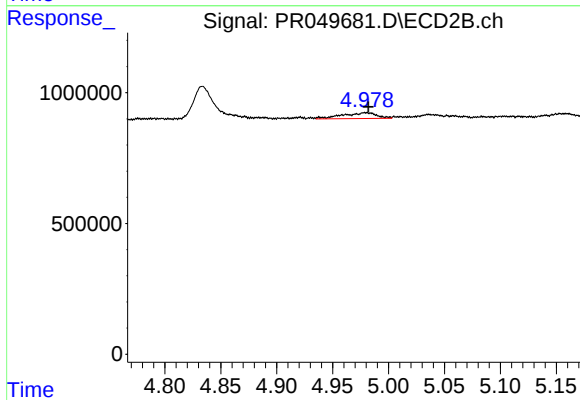
R.T.: 4.980 min  
Delta R.T.: 0.017 min  
Response: 477019  
Conc: 14.43 ng/ml



#17 AR-1242-2

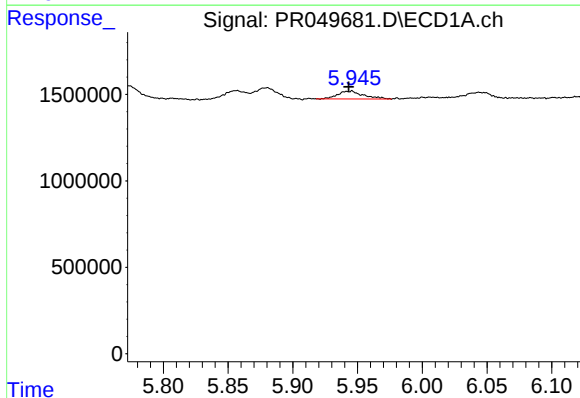
R.T.: 5.880 min  
Delta R.T.: 0.000 min  
Response: 788585  
Conc: 3.52 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



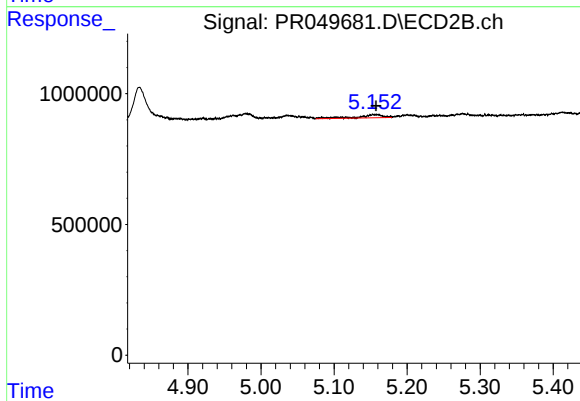
#17 AR-1242-2

R.T.: 4.980 min  
Delta R.T.: -0.002 min  
Response: 477019  
Conc: 8.22 ng/ml



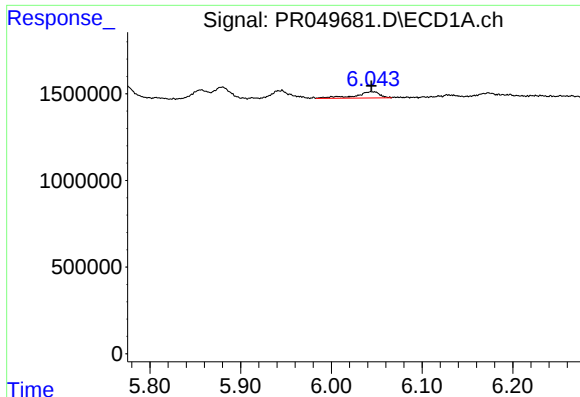
#18 AR-1242-3

R.T.: 5.946 min  
Delta R.T.: 0.003 min  
Response: 625251  
Conc: 4.73 ng/ml



#18 AR-1242-3

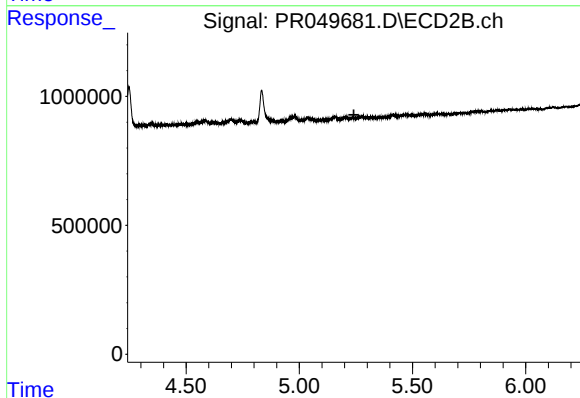
R.T.: 5.159 min  
Delta R.T.: 0.001 min  
Response: 278288  
Conc: 7.88 ng/ml



#19 AR-1242-4

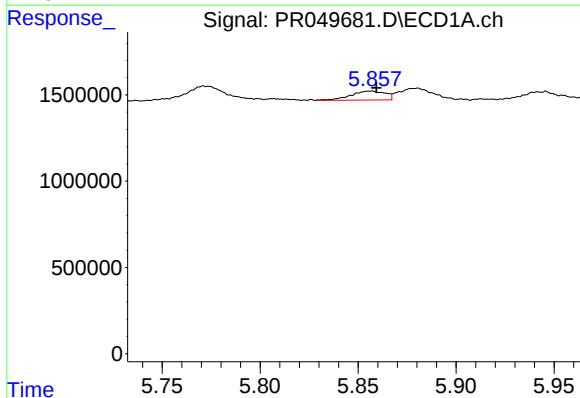
R.T.: 6.044 min  
Delta R.T.: 0.000 min  
Response: 683834  
Conc: 6.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



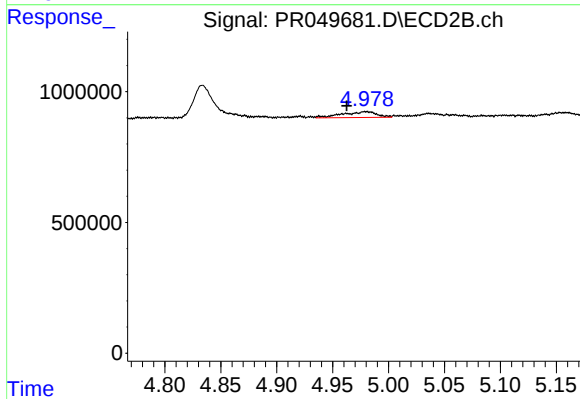
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.241 min  
Response: 0  
Conc: N.D.



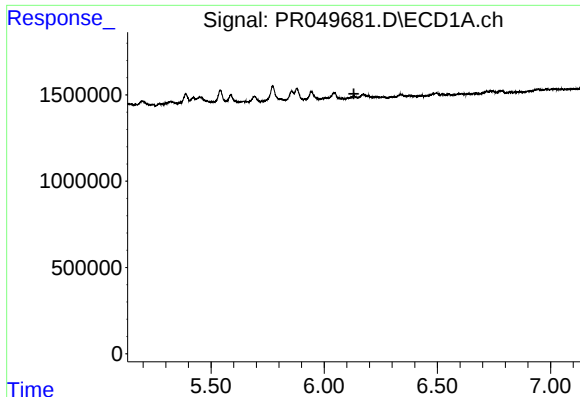
#21 AR-1248-1

R.T.: 5.857 min  
Delta R.T.: -0.002 min  
Response: 636241  
Conc: 5.64 ng/ml



#21 AR-1248-1

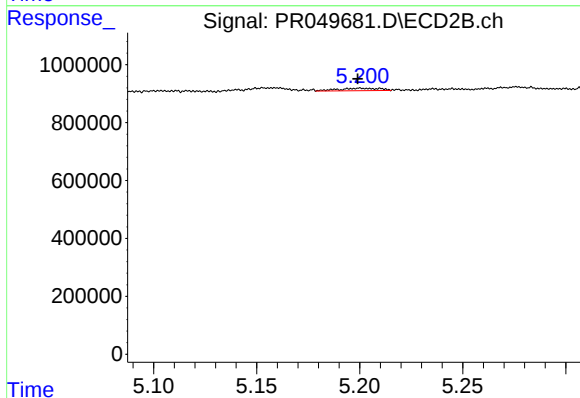
R.T.: 4.980 min  
Delta R.T.: 0.017 min  
Response: 477019  
Conc: 19.14 ng/ml



#22 AR-1248-2

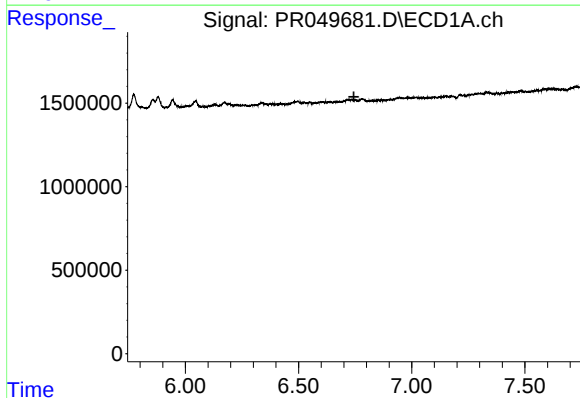
R.T.: 0.000 min  
Exp R.T.: 6.131 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



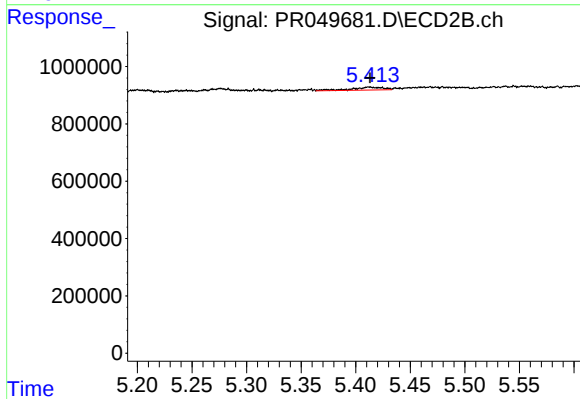
#22 AR-1248-2

R.T.: 5.200 min  
Delta R.T.: 0.001 min  
Response: 115869  
Conc: 4.11 ng/ml



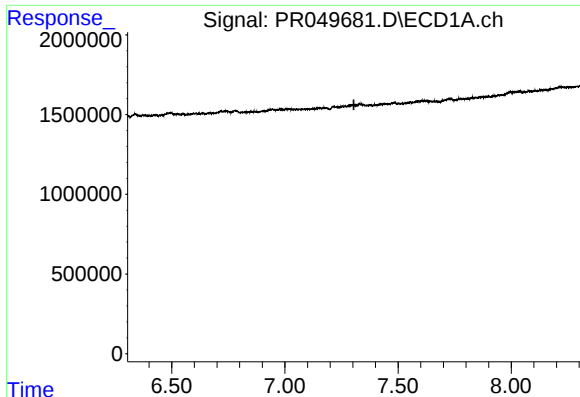
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.744 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

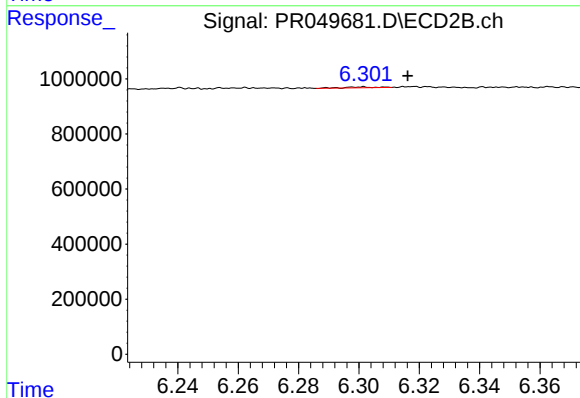
R.T.: 5.412 min  
Delta R.T.: -0.001 min  
Response: 206821  
Conc: 4.75 ng/ml



#28 AR-1254-3

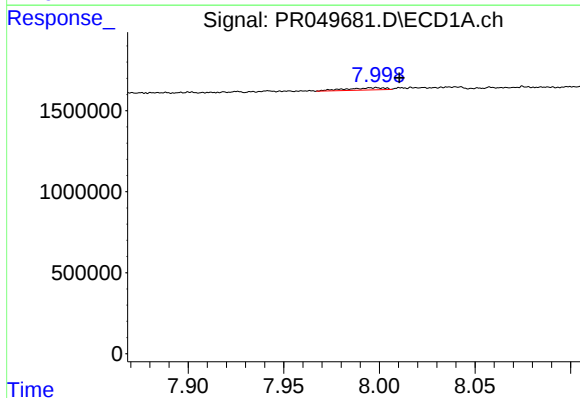
R.T.: 0.000 min  
Exp R.T.: 7.305 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



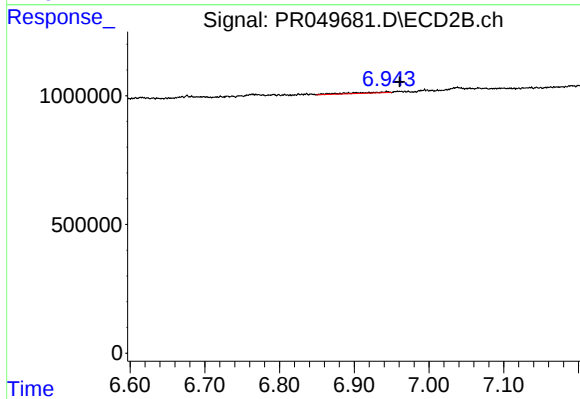
#28 AR-1254-3

R.T.: 6.301 min  
Delta R.T.: -0.015 min  
Response: 20050  
Conc: 0.16 ng/ml



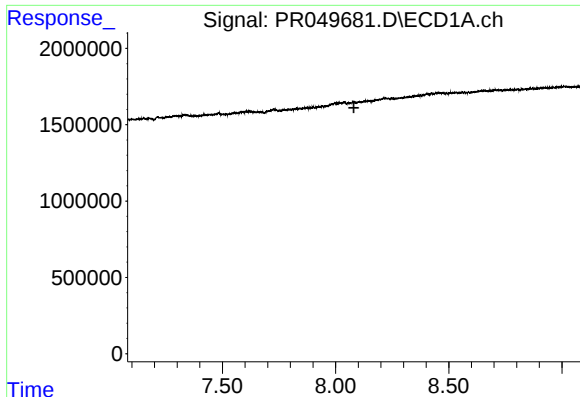
#30 AR-1254-5

R.T.: 7.999 min  
Delta R.T.: -0.012 min  
Response: 193418  
Conc: 0.70 ng/ml



#30 AR-1254-5

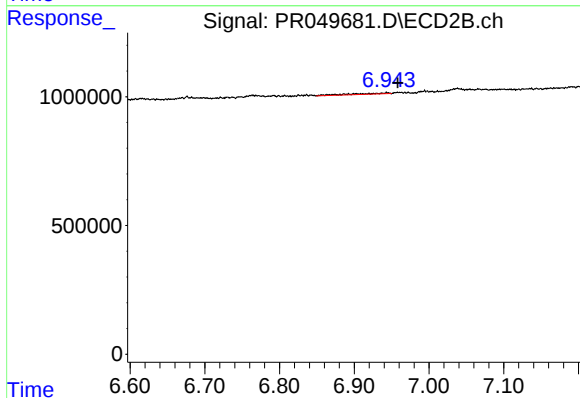
R.T.: 6.944 min  
Delta R.T.: -0.017 min  
Response: 135871  
Conc: 0.86 ng/ml



#36 AR-1262-1

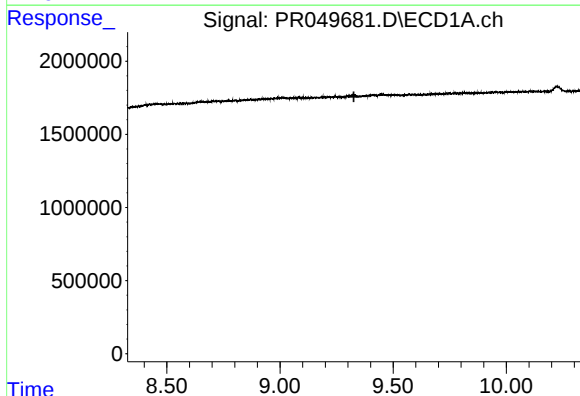
R.T.: 0.000 min  
Exp R.T.: 8.081 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



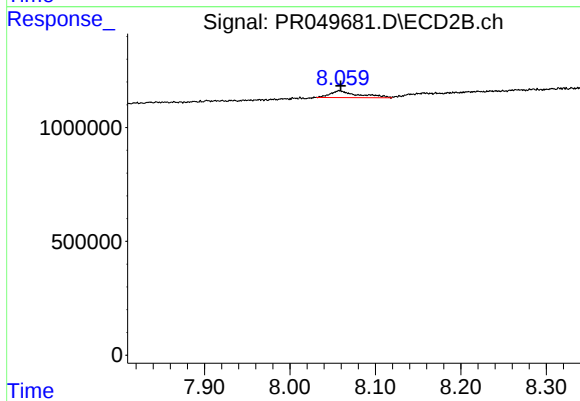
#36 AR-1262-1

R.T.: 6.944 min  
Delta R.T.: -0.014 min  
Response: 135871  
Conc: 1.54 ng/ml



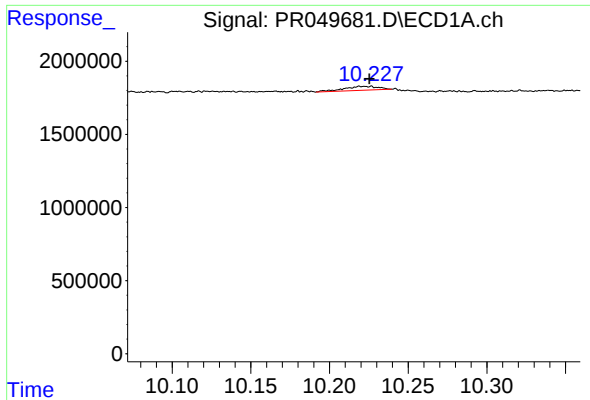
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 9.326 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

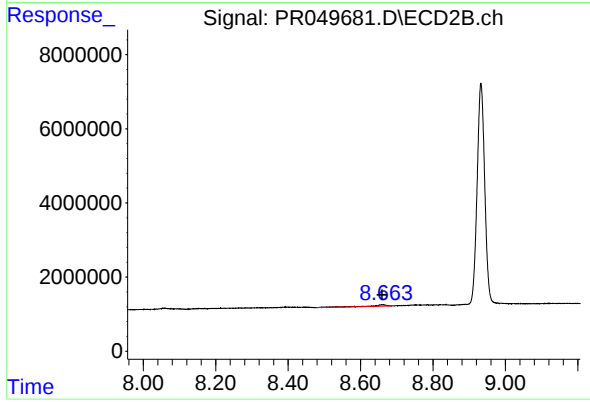
R.T.: 8.058 min  
Delta R.T.: -0.001 min  
Response: 671465  
Conc: 1.04 ng/ml



#45 AR-1268-5

R.T.: 10.227 min  
Delta R.T.: 0.002 min  
Response: 405378  
Conc: 0.20 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.662 min  
Delta R.T.: 0.002 min  
Response: 1043350  
Conc: 0.48 ng/ml