

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR072418\  
 Data File : PR030637.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jul 2018 22:42  
 Operator : SM\MA  
 Sample : AR1262 MDL  
 Misc : AR1262 MDL SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 25 04:40:02 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR072418.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 25 04:22:29 2018  
 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... | 4.553  | 3.691 | 362.4E6  | 554.1E6  | 15.911 | 14.456   |
| 2)                          | SA Decachlor... | 10.319 | 8.593 | 471.5E6  | 370.8E6  | 18.235 | 18.835   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 9)                          | L2 AR-1221-2    | 4.859  | 0.000 | 9386018  | 0        | 58.442 | N.D. #   |
| 10)                         | L2 AR-1221-3    | 4.859  | 0.000 | 9386018  | 0        | 18.390 | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.859  | 0.000 | 9386018  | 0        | 22.272 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.781  | 0.000 | 8559219  | 0        | 9.684  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.781  | 5.679 | 8559219  | 12013992 | 5.733  | 4.576    |
| 28)                         | L6 AR-1254-3    | 7.149  | 6.088 | 9215896  | 35196939 | 6.019  | 8.320 #  |
| 29)                         | L6 AR-1254-4    | 7.428  | 0.000 | 6622976  | 0        | 4.786  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.844  | 6.710 | 26340899 | 41701355 | 19.645 | 13.185 # |
| 31)                         | L7 AR-1260-1    | 7.310  | 6.201 | 32247790 | 55537284 | 30.285 | 22.883   |
| 32)                         | L7 AR-1260-2    | 7.564  | 6.387 | 37561925 | 71155399 | 24.685 | 23.402   |
| 33)                         | L7 AR-1260-3    | 7.923  | 6.744 | 48216004 | 93350085 | 38.683 | 41.278   |
| 34)                         | L7 AR-1260-4    | 8.475  | 7.240 | 86685620 | 119.0E6  | 30.088 | 37.179   |
| 35)                         | L7 AR-1260-5    | 8.794  | 7.583 | 58689608 | 71069366 | 35.066 | 38.520   |
| 36)                         | L8 AR-1262-1    | 7.310  | 6.201 | 32247790 | 55537284 | 33.501 | 24.167 # |
| 37)                         | L8 AR-1262-2    | 7.564  | 6.387 | 37561925 | 71155399 | 27.386 | 25.455   |
| 38)                         | L8 AR-1262-3    | 7.923  | 6.744 | 48216004 | 93350085 | 23.918 | 27.290   |
| 39)                         | L8 AR-1262-4    | 8.152  | 7.000 | 39267956 | 62464978 | 24.525 | 27.865   |
| 40)                         | L8 AR-1262-5    | 8.475  | 7.240 | 86685620 | 119.0E6  | 23.406 | 30.795 # |
| 41)                         | L9 AR-1268-1    | 8.794  | 7.518 | 58689608 | 47399136 | 14.340 | 14.191   |
| 42)                         | L9 AR-1268-2    | 8.882  | 7.583 | 45538935 | 71069366 | 12.844 | 24.543 # |
| 44)                         | L9 AR-1268-4    | 9.550  | 8.072 | 45873222 | 28172077 | 35.391 | 26.322 # |
| 45)                         | L9 AR-1268-5    | 9.973  | 8.350 | 16086638 | 12461297 | 1.824  | 1.896    |
| -----                       |                 |        |       |          |          |        |          |

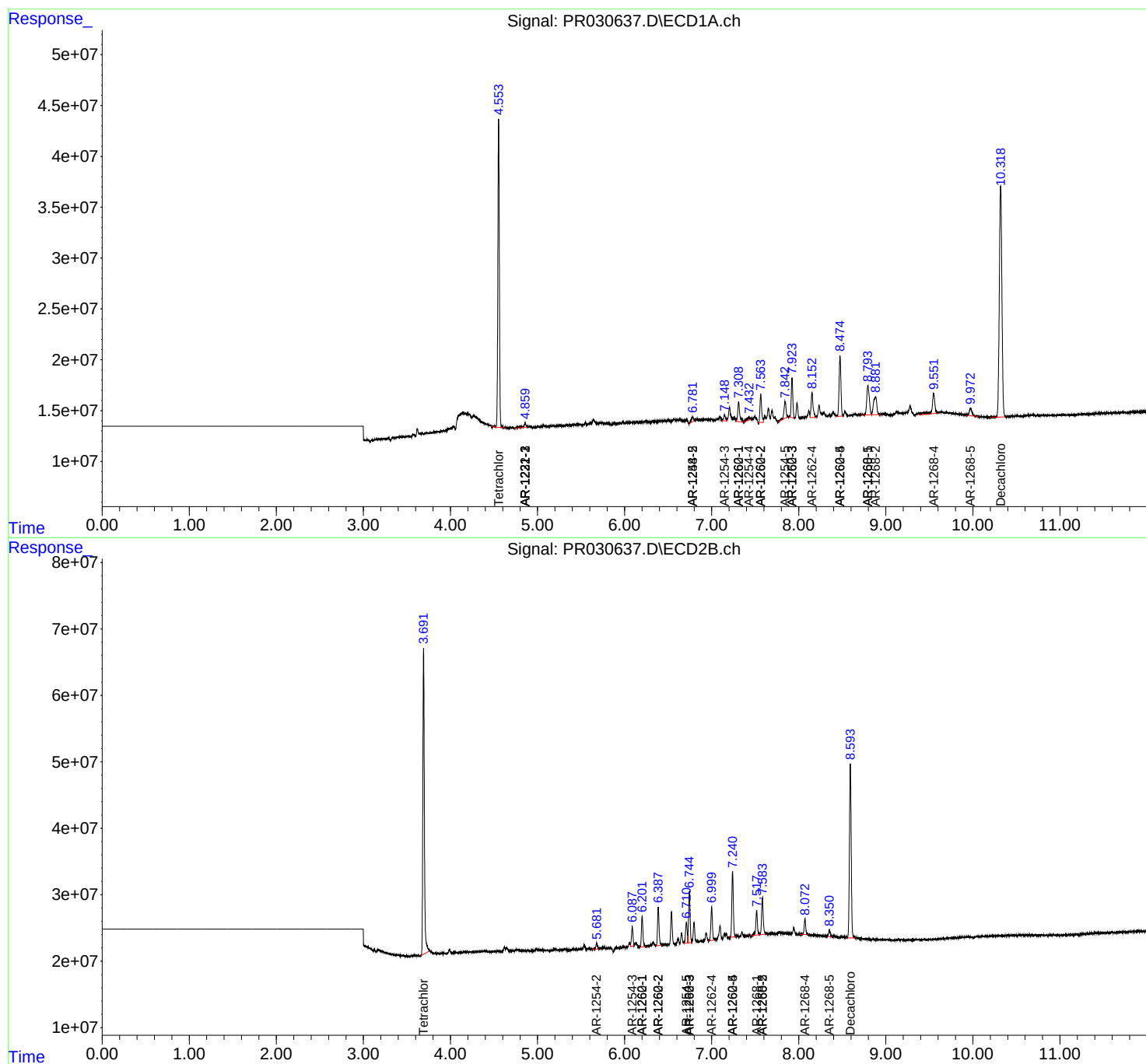
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

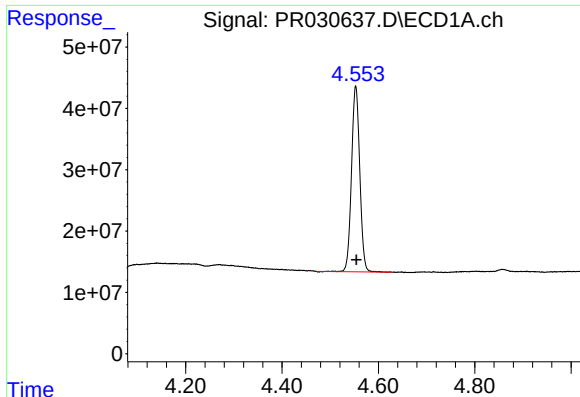
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR072418\  
Data File : PR030637.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2018 22:42  
Operator : SM\MA  
Sample : AR1262 MDL  
Misc : AR1262 MDL SOIL  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 25 04:40:02 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR072418.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 25 04:22:29 2018  
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

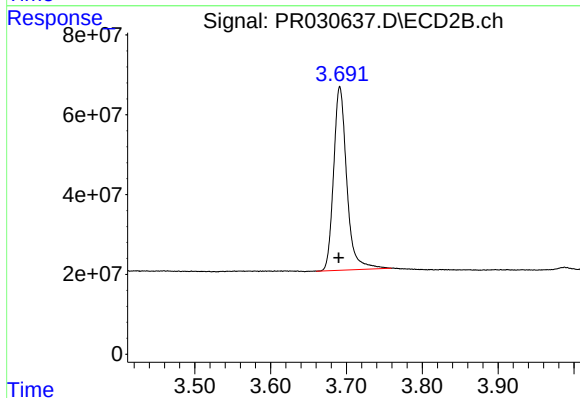




#1 Tetrachloro-m-xylene

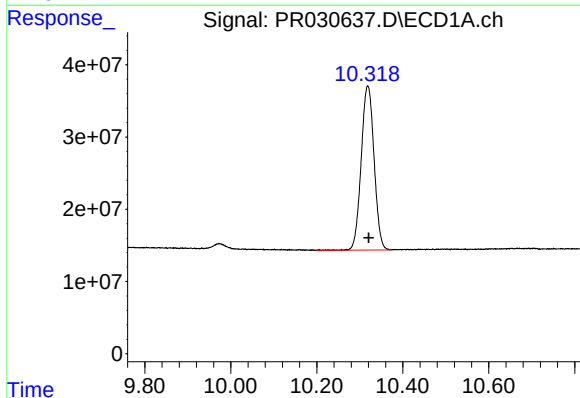
R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 362365852  
Conc: 15.91 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



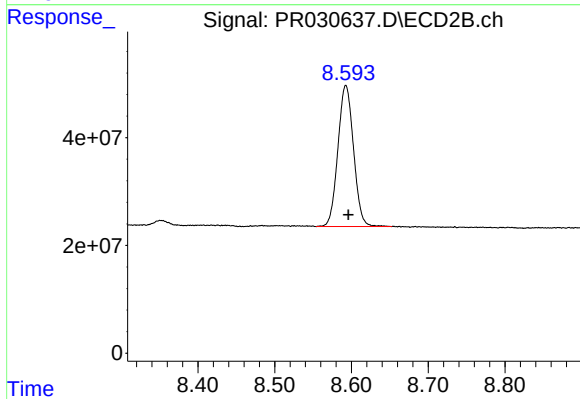
#1 Tetrachloro-m-xylene

R.T.: 3.691 min  
Delta R.T.: 0.002 min  
Response: 554148939  
Conc: 14.46 ng/ml



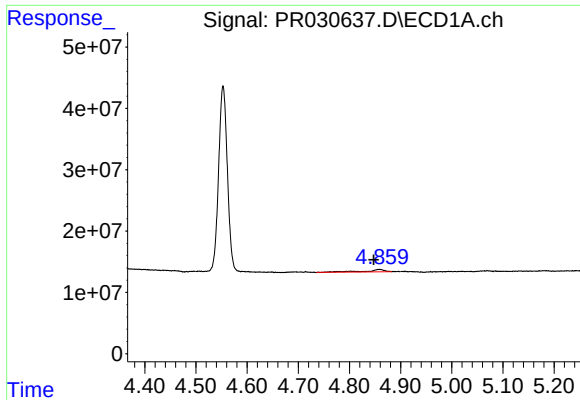
#2 Decachlorobiphenyl

R.T.: 10.319 min  
Delta R.T.: -0.002 min  
Response: 471501936  
Conc: 18.23 ng/ml



#2 Decachlorobiphenyl

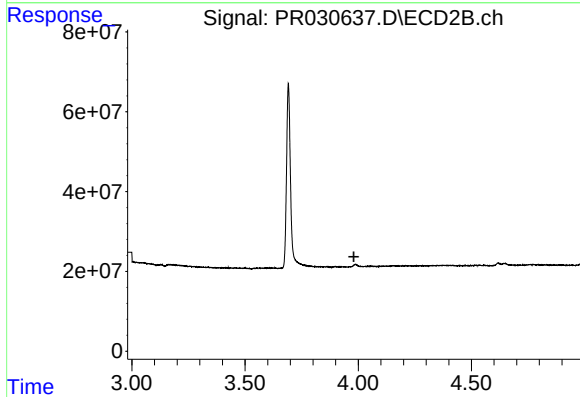
R.T.: 8.593 min  
Delta R.T.: -0.003 min  
Response: 370790228  
Conc: 18.83 ng/ml



#9 AR-1221-2

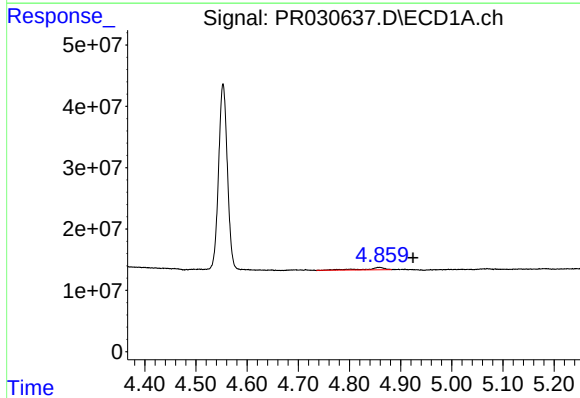
R.T.: 4.859 min  
Delta R.T.: 0.011 min  
Response: 9386018  
Conc: 58.44 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



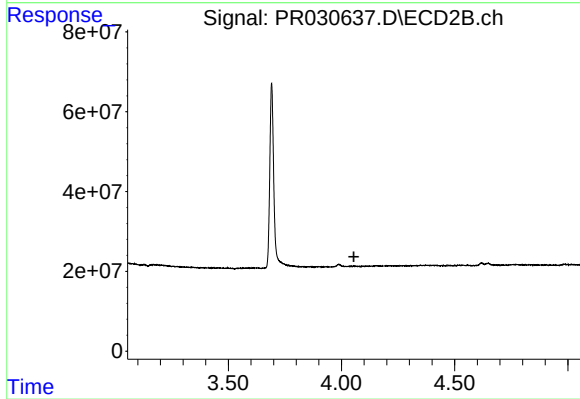
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.981 min  
Response: 0  
Conc: N.D.



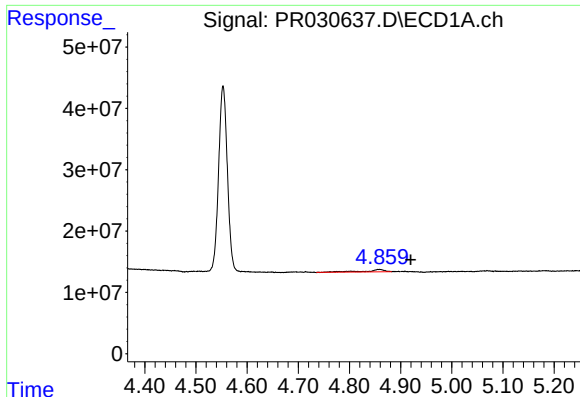
#10 AR-1221-3

R.T.: 4.859 min  
Delta R.T.: -0.065 min  
Response: 9386018  
Conc: 18.39 ng/ml



#10 AR-1221-3

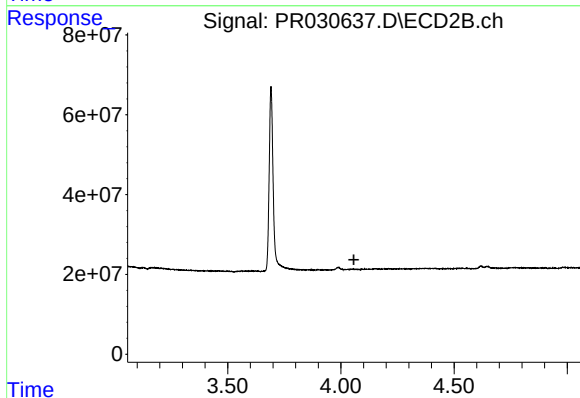
R.T.: 0.000 min  
Exp R.T. : 4.055 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

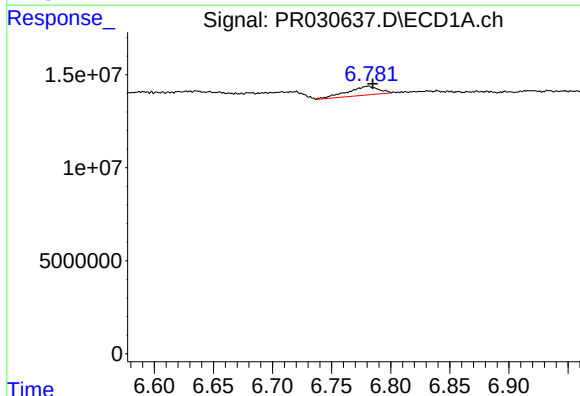
R.T.: 4.859 min  
Delta R.T.: -0.061 min  
Response: 9386018  
Conc: 22.27 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



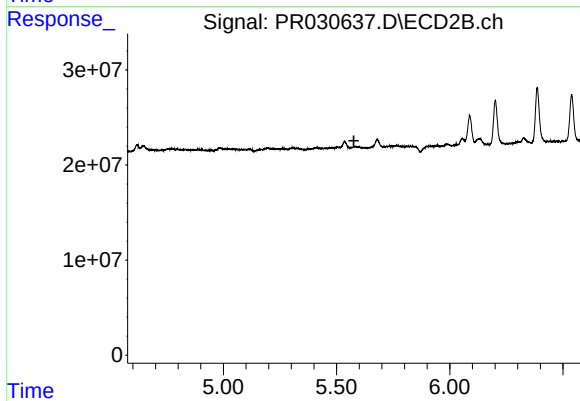
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.057 min  
Response: 0  
Conc: N.D.



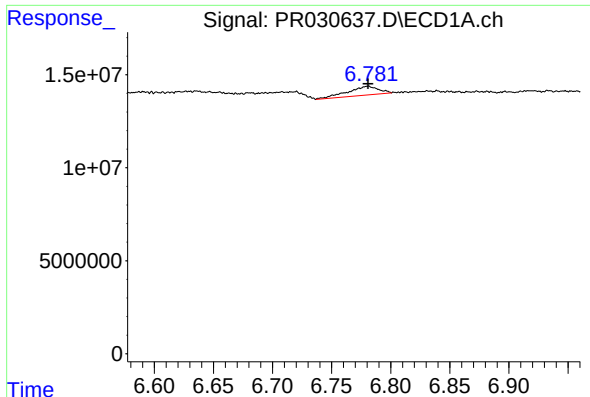
#25 AR-1248-5

R.T.: 6.781 min  
Delta R.T.: -0.004 min  
Response: 8559219  
Conc: 9.68 ng/ml



#25 AR-1248-5

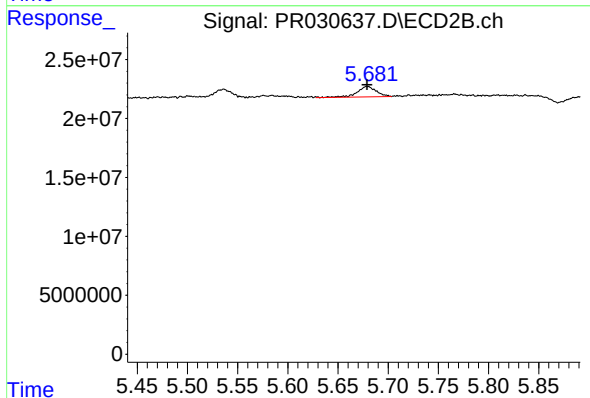
R.T.: 0.000 min  
Exp R.T. : 5.576 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

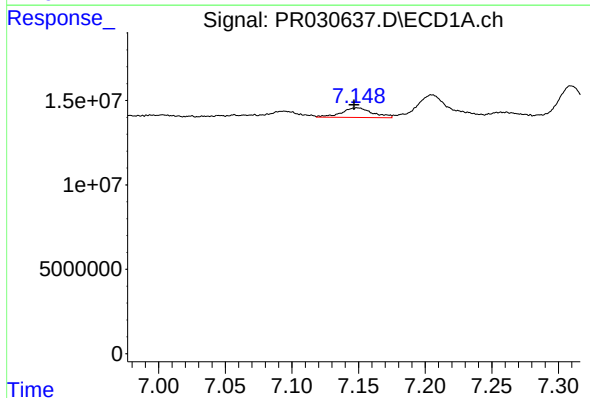
R.T.: 6.781 min  
Delta R.T.: 0.000 min  
Response: 8559219  
Conc: 5.73 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



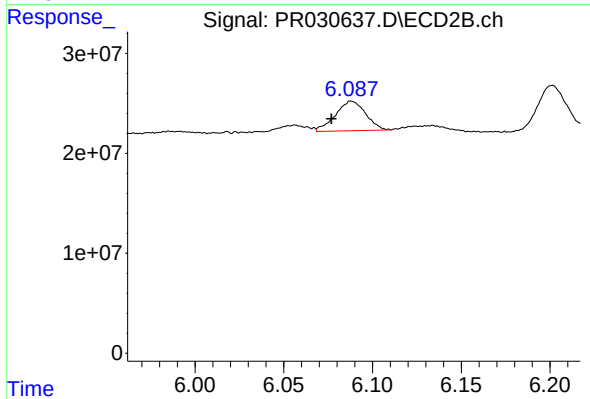
#27 AR-1254-2

R.T.: 5.679 min  
Delta R.T.: 0.000 min  
Response: 12013992  
Conc: 4.58 ng/ml



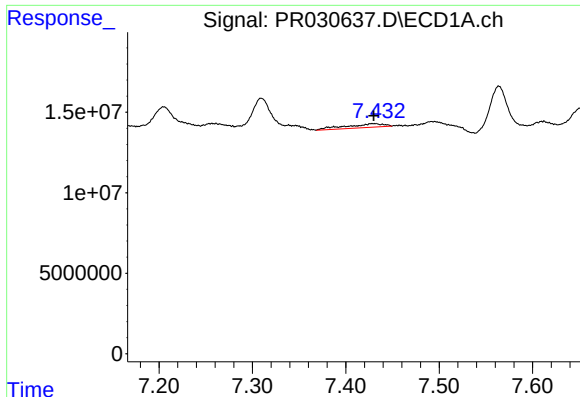
#28 AR-1254-3

R.T.: 7.149 min  
Delta R.T.: 0.002 min  
Response: 9215896  
Conc: 6.02 ng/ml



#28 AR-1254-3

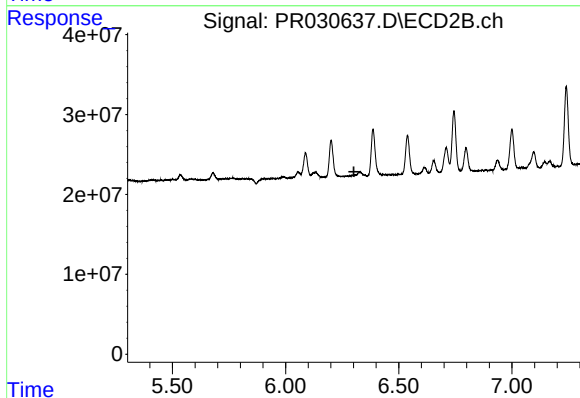
R.T.: 6.088 min  
Delta R.T.: 0.011 min  
Response: 35196939  
Conc: 8.32 ng/ml



#29 AR-1254-4

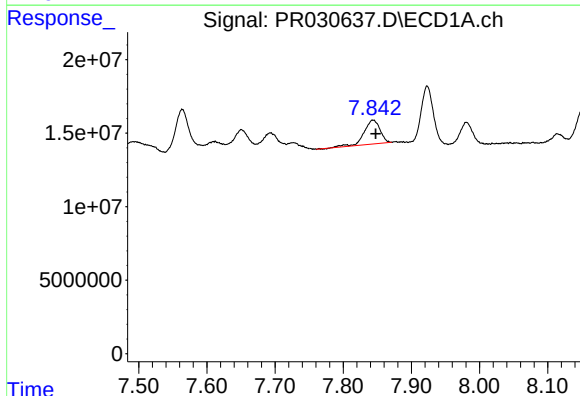
R.T.: 7.428 min  
Delta R.T.: -0.002 min  
Response: 6622976  
Conc: 4.79 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



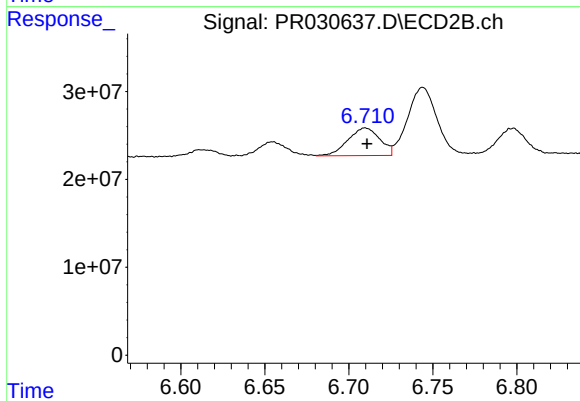
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.302 min  
Response: 0  
Conc: N.D.



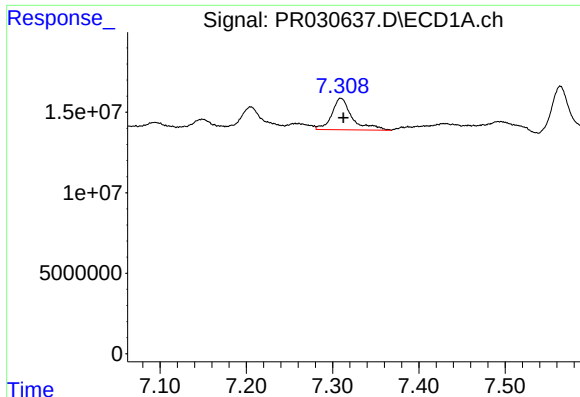
#30 AR-1254-5

R.T.: 7.844 min  
Delta R.T.: -0.004 min  
Response: 26340899  
Conc: 19.64 ng/ml



#30 AR-1254-5

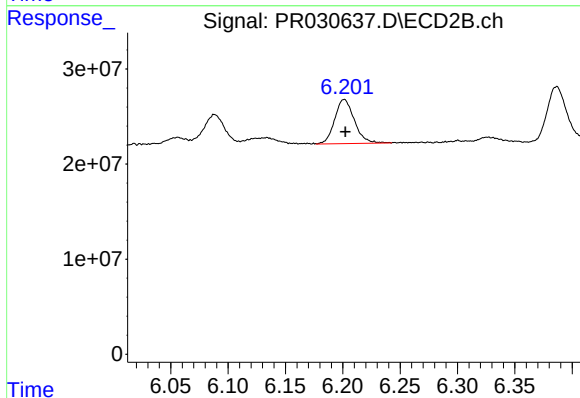
R.T.: 6.710 min  
Delta R.T.: -0.001 min  
Response: 41701355  
Conc: 13.19 ng/ml



#31 AR-1260-1

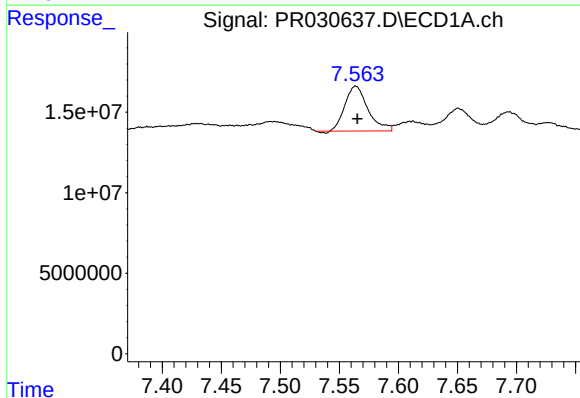
R.T.: 7.310 min  
Delta R.T.: -0.003 min  
Response: 32247790  
Conc: 30.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



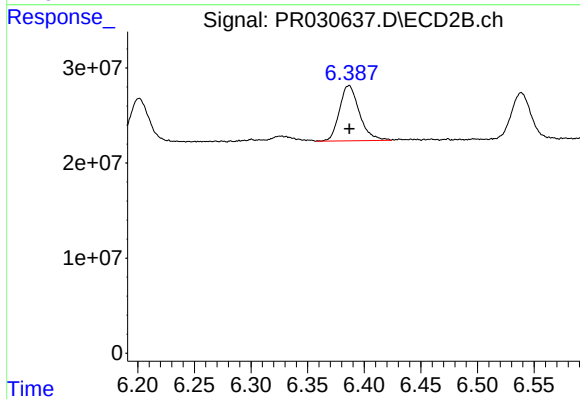
#31 AR-1260-1

R.T.: 6.201 min  
Delta R.T.: 0.000 min  
Response: 55537284  
Conc: 22.88 ng/ml



#32 AR-1260-2

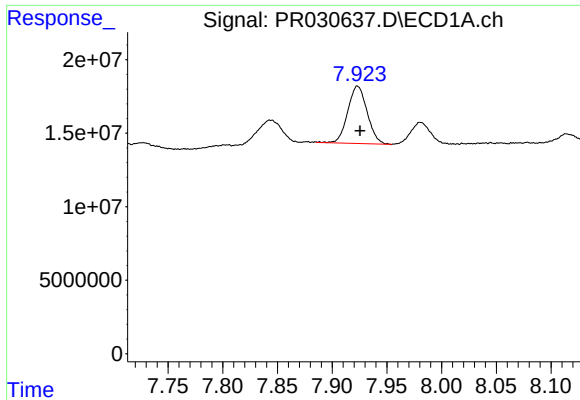
R.T.: 7.564 min  
Delta R.T.: -0.001 min  
Response: 37561925  
Conc: 24.69 ng/ml



#32 AR-1260-2

R.T.: 6.387 min  
Delta R.T.: 0.000 min  
Response: 71155399  
Conc: 23.40 ng/ml

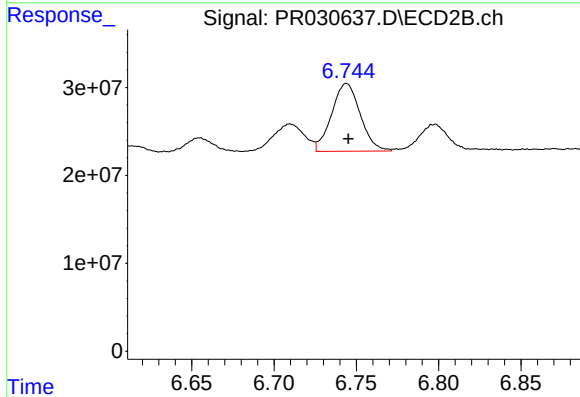




#33 AR-1260-3

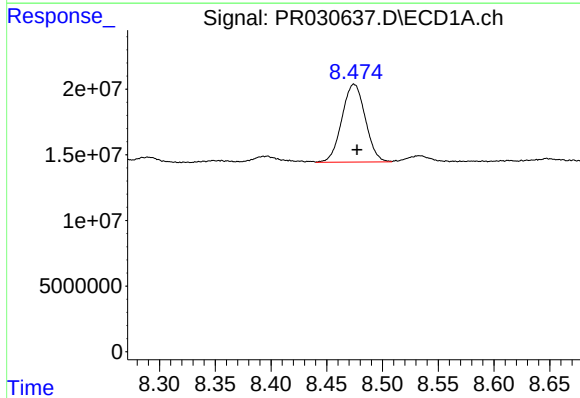
R.T.: 7.923 min  
Delta R.T.: -0.002 min  
Response: 48216004  
Conc: 38.68 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



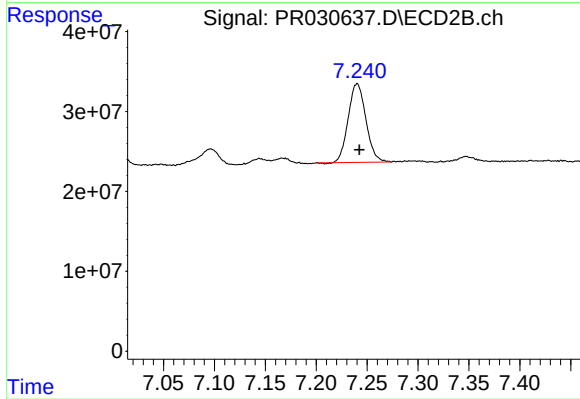
#33 AR-1260-3

R.T.: 6.744 min  
Delta R.T.: -0.001 min  
Response: 93350085  
Conc: 41.28 ng/ml



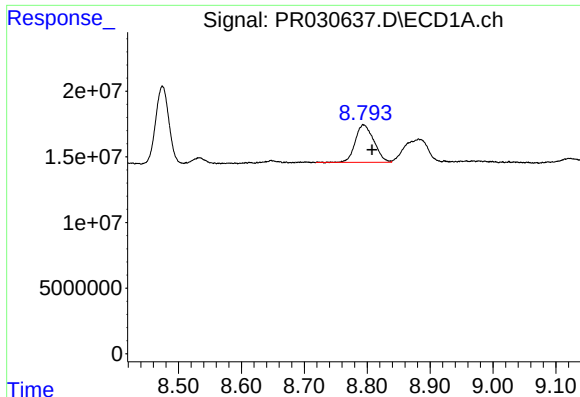
#34 AR-1260-4

R.T.: 8.475 min  
Delta R.T.: -0.003 min  
Response: 86685620  
Conc: 30.09 ng/ml



#34 AR-1260-4

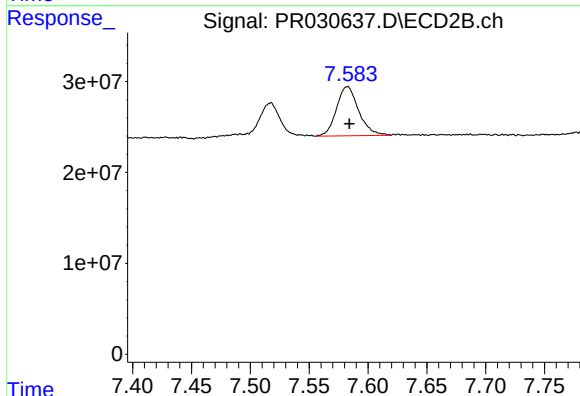
R.T.: 7.240 min  
Delta R.T.: -0.002 min  
Response: 118992315  
Conc: 37.18 ng/ml



#35 AR-1260-5

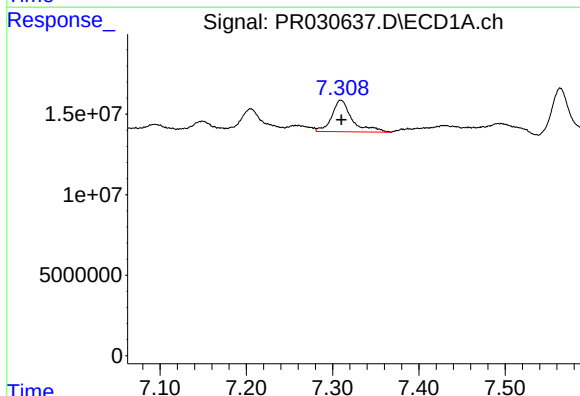
R.T.: 8.794 min  
Delta R.T.: -0.013 min  
Response: 58689608  
Conc: 35.07 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



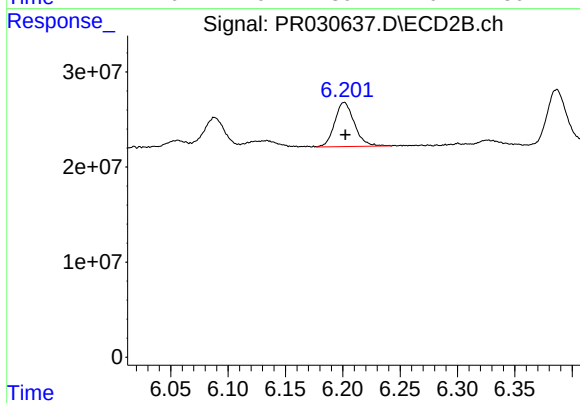
#35 AR-1260-5

R.T.: 7.583 min  
Delta R.T.: -0.001 min  
Response: 71069366  
Conc: 38.52 ng/ml



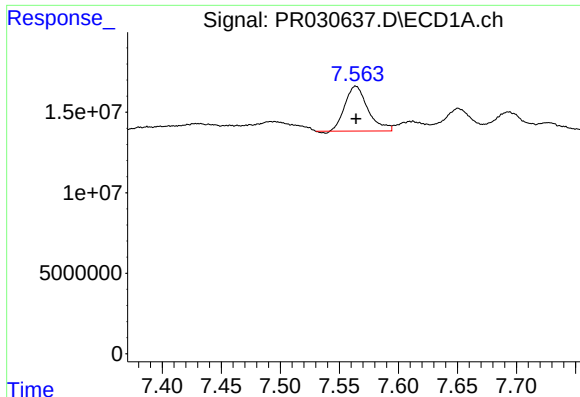
#36 AR-1262-1

R.T.: 7.310 min  
Delta R.T.: 0.000 min  
Response: 32247790  
Conc: 33.50 ng/ml



#36 AR-1262-1

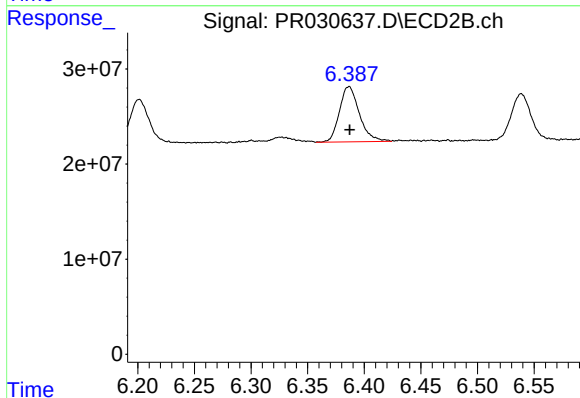
R.T.: 6.201 min  
Delta R.T.: 0.000 min  
Response: 55537284  
Conc: 24.17 ng/ml



#37 AR-1262-2

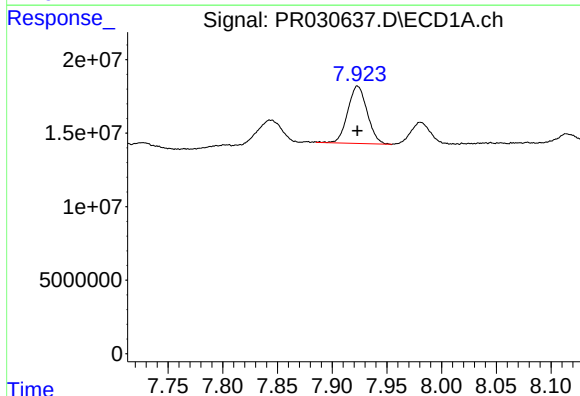
R.T.: 7.564 min  
Delta R.T.: 0.000 min  
Response: 37561925  
Conc: 27.39 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



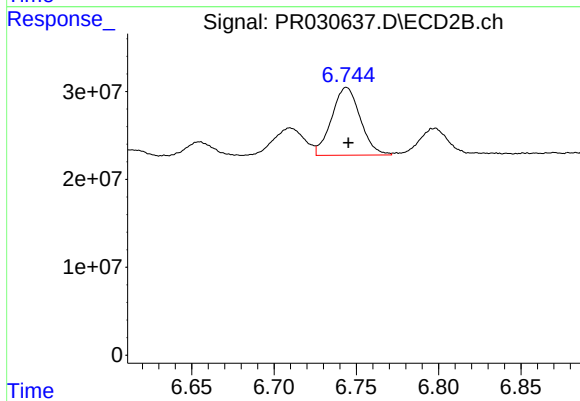
#37 AR-1262-2

R.T.: 6.387 min  
Delta R.T.: 0.000 min  
Response: 71155399  
Conc: 25.46 ng/ml



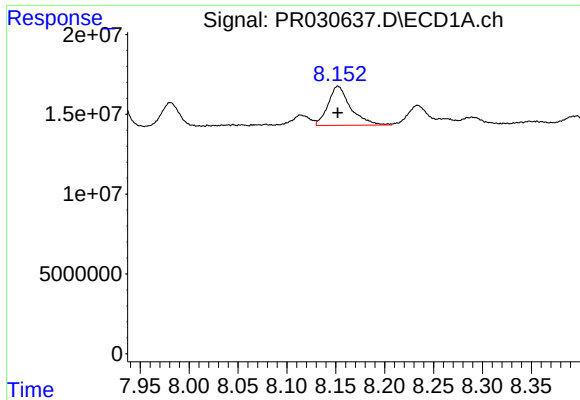
#38 AR-1262-3

R.T.: 7.923 min  
Delta R.T.: 0.000 min  
Response: 48216004  
Conc: 23.92 ng/ml



#38 AR-1262-3

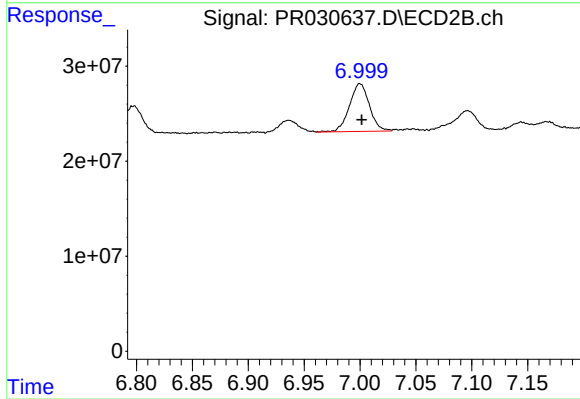
R.T.: 6.744 min  
Delta R.T.: -0.001 min  
Response: 93350085  
Conc: 27.29 ng/ml



#39 AR-1262-4

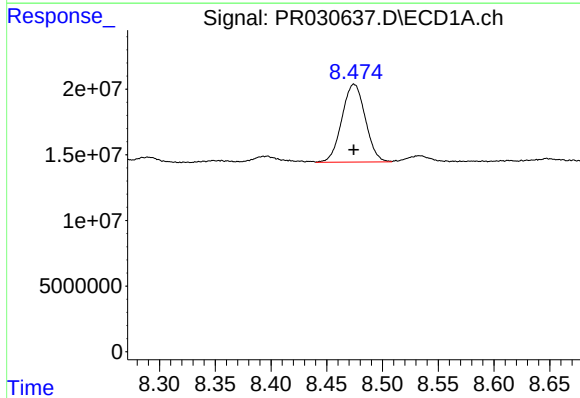
R.T.: 8.152 min  
Delta R.T.: 0.000 min  
Response: 39267956  
Conc: 24.53 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



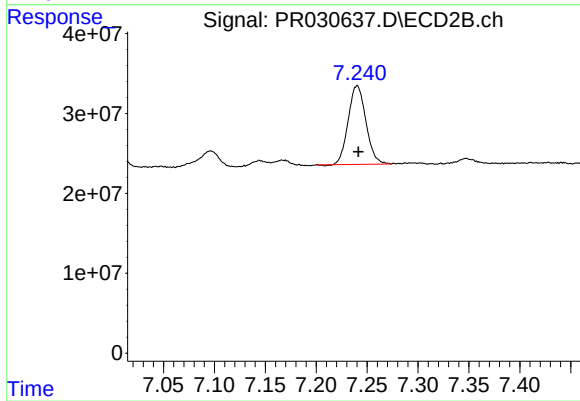
#39 AR-1262-4

R.T.: 7.000 min  
Delta R.T.: -0.002 min  
Response: 62464978  
Conc: 27.87 ng/ml



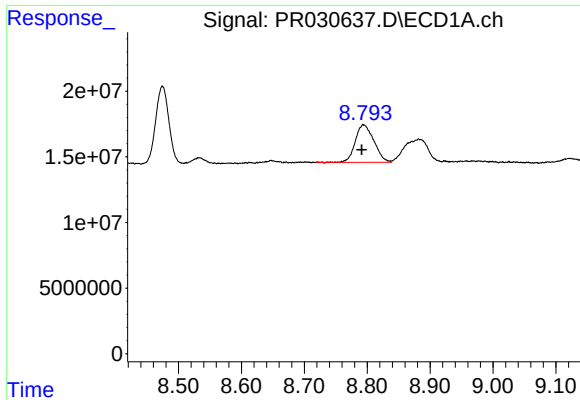
#40 AR-1262-5

R.T.: 8.475 min  
Delta R.T.: 0.000 min  
Response: 86685620  
Conc: 23.41 ng/ml



#40 AR-1262-5

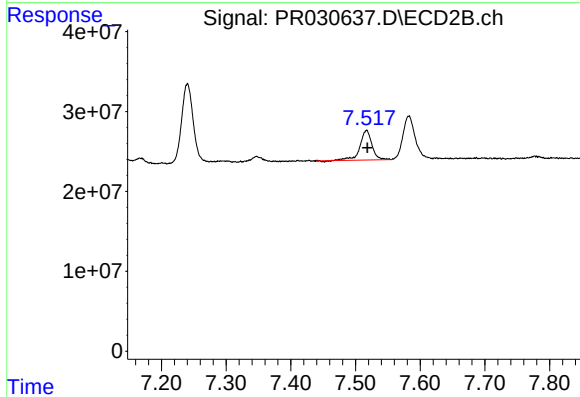
R.T.: 7.240 min  
Delta R.T.: -0.001 min  
Response: 118992315  
Conc: 30.79 ng/ml



#41 AR-1268-1

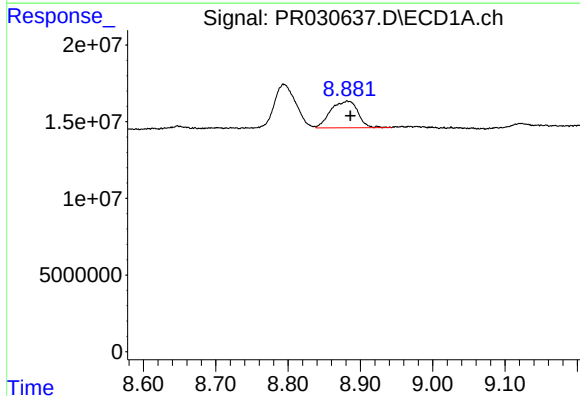
R.T.: 8.794 min  
Delta R.T.: 0.003 min  
Response: 58689608  
Conc: 14.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



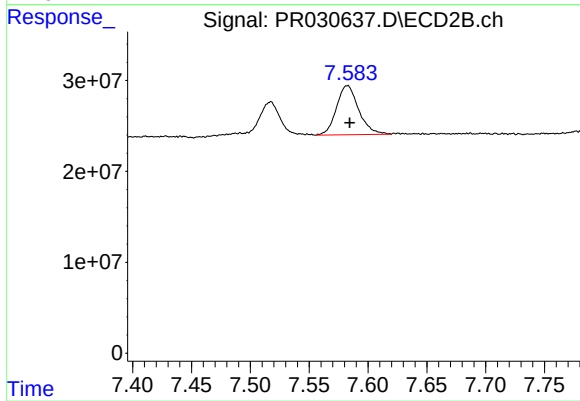
#41 AR-1268-1

R.T.: 7.518 min  
Delta R.T.: 0.000 min  
Response: 47399136  
Conc: 14.19 ng/ml



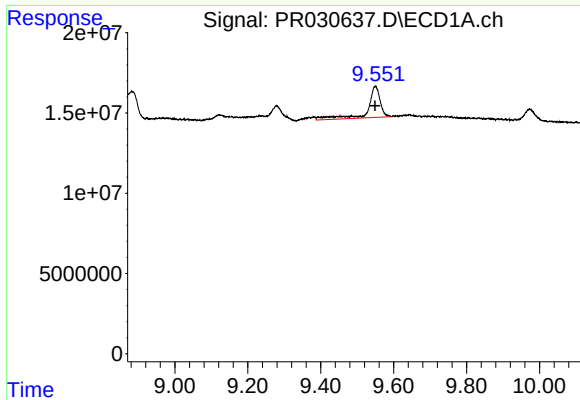
#42 AR-1268-2

R.T.: 8.882 min  
Delta R.T.: -0.004 min  
Response: 45538935  
Conc: 12.84 ng/ml



#42 AR-1268-2

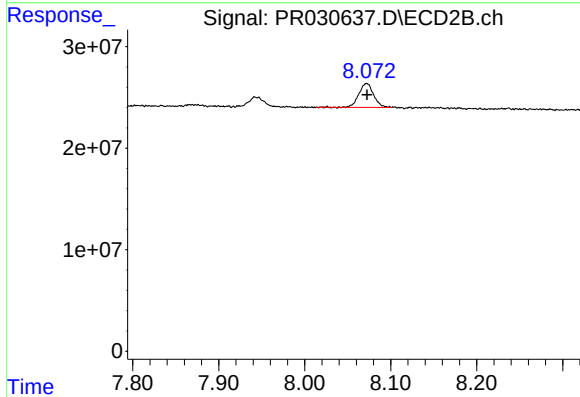
R.T.: 7.583 min  
Delta R.T.: -0.002 min  
Response: 71069366  
Conc: 24.54 ng/ml



#44 AR-1268-4

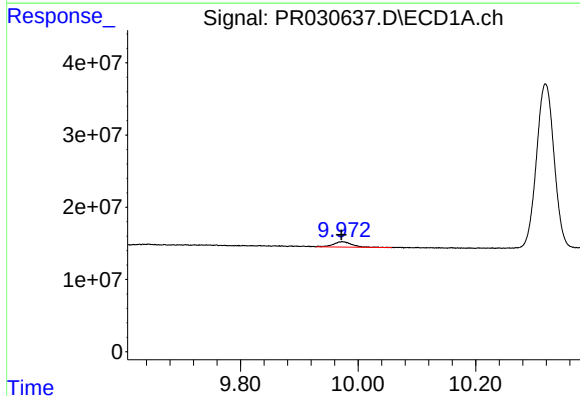
R.T.: 9.550 min  
Delta R.T.: 0.002 min  
Response: 45873222  
Conc: 35.39 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



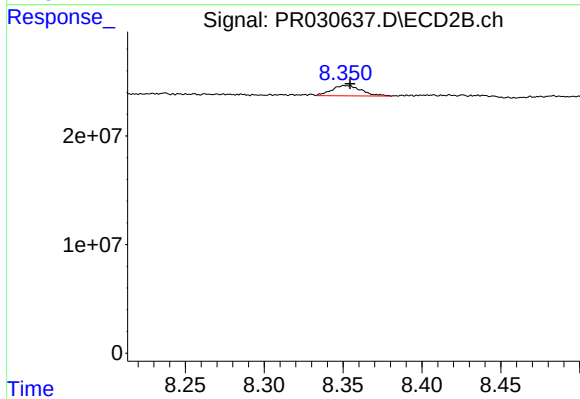
#44 AR-1268-4

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 28172077  
Conc: 26.32 ng/ml



#45 AR-1268-5

R.T.: 9.973 min  
Delta R.T.: 0.001 min  
Response: 16086638  
Conc: 1.82 ng/ml



#45 AR-1268-5

R.T.: 8.350 min  
Delta R.T.: -0.004 min  
Response: 12461297  
Conc: 1.90 ng/ml