

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR091218\  
 Data File : PR031997.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Sep 2018 12:30  
 Operator : SM\SJ  
 Sample : AR1242ICC500  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 01:25:05 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR091218.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Sep 13 01:24:50 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... | 4.520  | 3.651 | 1135.0E6 | 2187.4E6 | 51.758  | 51.706    |
| 2)                          | SA Decachlor... | 10.266 | 8.512 | 1185.8E6 | 907.7E6  | 47.006  | 47.775    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.220  | 4.303 | 234.4E6  | 478.4E6  | 407.769 | 407.227   |
| 4)                          | L1 AR-1016-2    | 5.413  | 4.702 | 236.3E6  | 704.3E6  | 404.757 | 396.104   |
| 5)                          | L1 AR-1016-3    | 5.679  | 4.719 | 359.8E6  | 1278.0E6 | 400.097 | 402.448   |
| 6)                          | L1 AR-1016-4    | 5.764  | 4.775 | 307.6E6  | 730.5E6  | 397.508 | 407.858   |
| 7)                          | L1 AR-1016-5    | 6.155  | 5.139 | 264.9E6  | 687.6E6  | 402.422 | 402.312   |
| 16)                         | L4 AR-1242-1    | 5.251  | 4.320 | 132.0E6  | 296.3E6  | 500.000 | 500.000   |
| 17)                         | L4 AR-1242-2    | 5.996  | 4.892 | 237.2E6  | 614.3E6  | 500.000 | 500.000   |
| 18)                         | L4 AR-1242-3    | 6.196  | 5.000 | 115.9E6  | 209.2E6  | 500.000 | 500.000   |
| 19)                         | L4 AR-1242-4    | 6.240  | 5.354 | 86481890 | 196.1E6  | 500.000 | 500.000   |
| 20)                         | L4 AR-1242-5    | 6.296  | 5.734 | 298.3E6  | 436.4E6  | 500.000 | 500.000   |
| 21)                         | L5 AR-1248-1    | 5.950  | 4.930 | 221.9E6  | 481.3E6  | 286.836 | 281.729   |
| 22)                         | L5 AR-1248-2    | 6.528  | 5.481 | 217.3E6  | 904.5E6  | 271.775 | 261.409   |
| 23)                         | L5 AR-1248-3    | 6.555  | 5.520 | 300.5E6  | 831.6E6  | 280.118 | 336.946   |
| 24)                         | L5 AR-1248-4    | 6.594  | 5.692 | 308.1E6  | 629.0E6  | 304.044 | 254.175   |
| 25)                         | L5 AR-1248-5    | 6.790  | 6.018 | 194.1E6  | 295.1E6  | 289.631 | 184.901 # |
| 26)                         | L6 AR-1254-1    | 6.751  | 5.622 | 252.7E6  | 213.9E6  | 134.281 | 56.862 #  |
| 27)                         | L6 AR-1254-2    | 7.027  | 5.930 | 75939500 | 181.4E6  | 64.741  | 63.070    |
| 28)                         | L6 AR-1254-3    | 7.113  | 6.242 | 105.4E6  | 273.2E6  | 50.623  | 60.596    |
| 29)                         | L6 AR-1254-4    | 7.395  | 6.551 | 86672582 | 180.3E6  | 52.992  | 83.043 #  |
| 30)                         | L6 AR-1254-5    | 7.670  | 6.648 | 71963749 | 46153049 | 62.836  | 11.710 #  |
| 31)                         | L7 AR-1260-1    | 7.278  | 6.139 | 14243183 | 89584978 | 10.845  | 25.788 #  |
| 32)                         | L7 AR-1260-2    | 7.528  | 6.327 | 13082445 | 37060646 | 8.184   | 8.722     |
| 33)                         | L7 AR-1260-3    | 7.815  | 6.476 | 19177090 | 29256399 | 11.124  | 8.746     |
| 34)                         | L7 AR-1260-4    | 8.104  | 6.935 | 9451073  | 10111340 | 7.905   | 4.844 #   |
| 35)                         | L7 AR-1260-5    | 8.439  | 7.162 | 4516173  | 28768115 | 1.671   | 6.525 #   |
| 36)                         | L8 AR-1262-1    | 7.170  | 6.018 | 4694201  | 295.1E6  | 6.730   | 167.496 # |
| 37)                         | L8 AR-1262-2    | 0.000  | 6.734 | 0        | 2116751  | N.D.    | 1.553 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.026 | 0        | 4242845  | N.D.    | 3.641 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.451 | 0        | 4359864  | N.D.    | 2.931 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.044 | 0        | 10795207 | N.D.    | 9.941 #   |
| 41)                         | L9 AR-1268-1    | 7.844  | 6.674 | 2064091  | 8348744  | 2.985   | 5.437 #   |
| 42)                         | L9 AR-1268-2    | 8.104  | 7.516 | 9451073  | 5049903  | 10.743  | 1.443 #   |
| 43)                         | L9 AR-1268-3    | 8.770  | 7.711 | 1566954  | 25676873 | 0.423   | 9.089 #   |
| 44)                         | L9 AR-1268-4    | 9.079  | 7.803 | 14646120 | 15680402 | 4.789   | 18.588 #  |
| 45)                         | L9 AR-1268-5    | 9.923  | 8.279 | 14477810 | 11918709 | 1.528   | 1.682     |
| -----                       |                 |        |       |          |          |         |           |

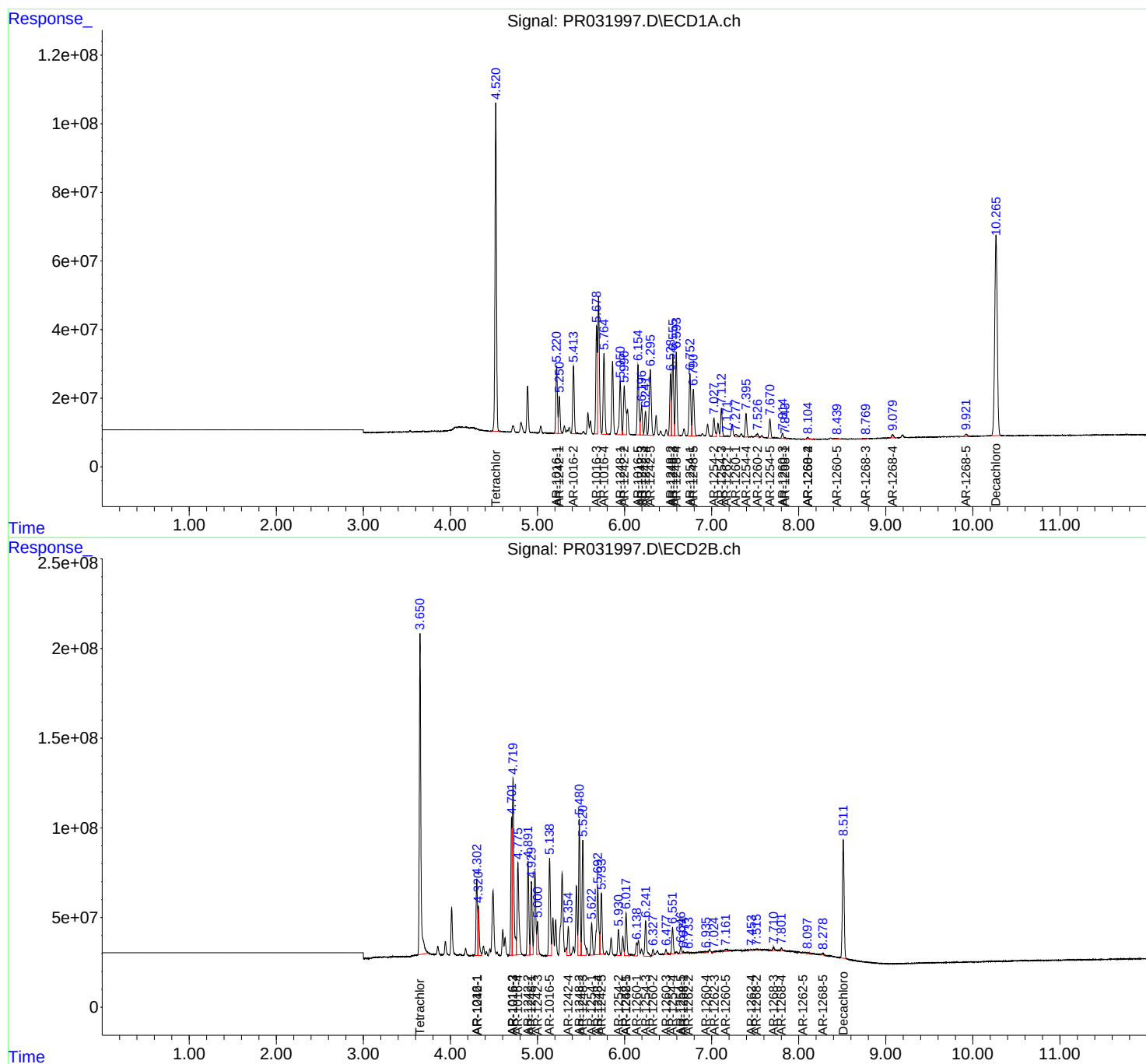
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

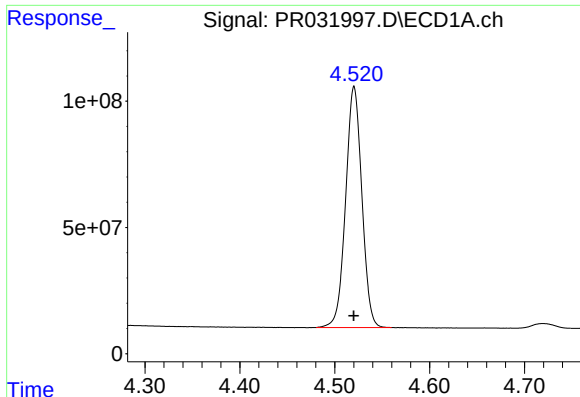
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR091218\  
Data File : PR031997.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Sep 2018 12:30  
Operator : SM\SJ  
Sample : AR1242ICC500  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 01:25:05 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR091218.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Sep 13 01:24:50 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

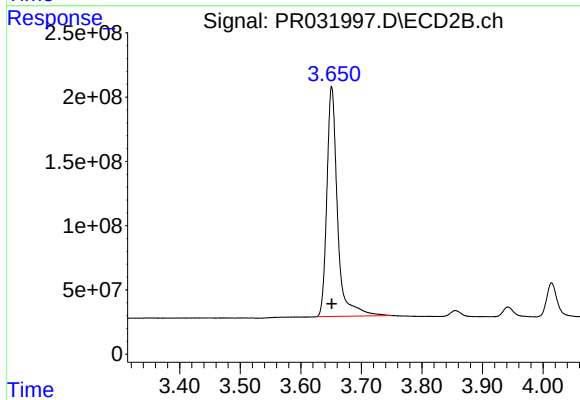




#1 Tetrachloro-m-xylene

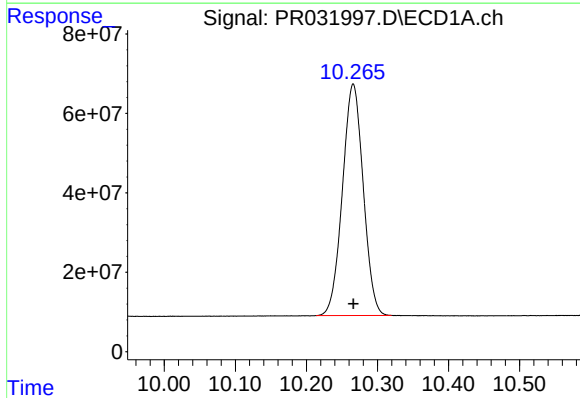
R.T.: 4.520 min  
Delta R.T.: 0.000 min  
Response: 1134971158  
Conc: 51.76 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



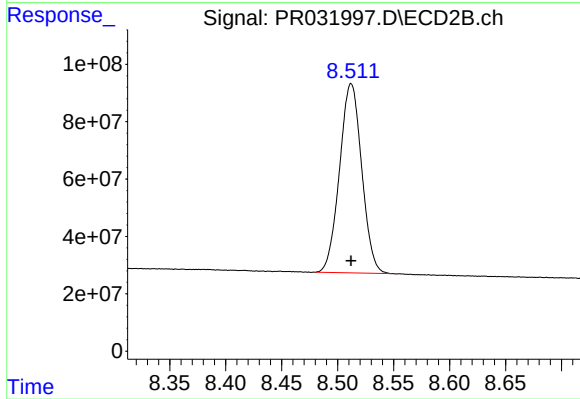
#1 Tetrachloro-m-xylene

R.T.: 3.651 min  
Delta R.T.: 0.000 min  
Response: 2187409660  
Conc: 51.71 ng/ml



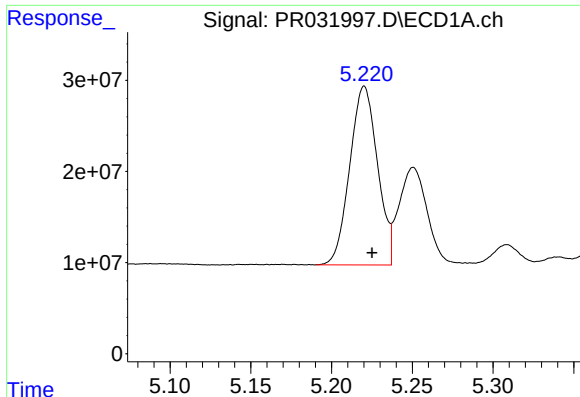
#2 Decachlorobiphenyl

R.T.: 10.266 min  
Delta R.T.: 0.000 min  
Response: 1185824325  
Conc: 47.01 ng/ml



#2 Decachlorobiphenyl

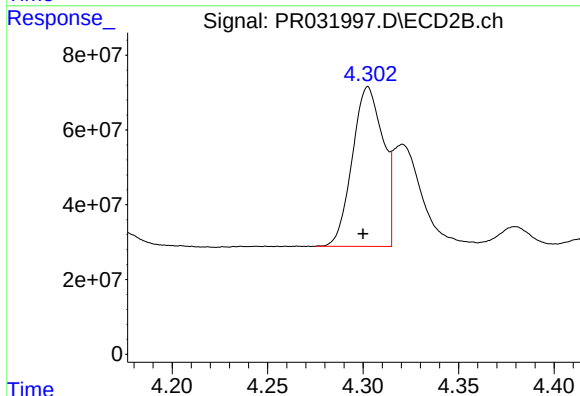
R.T.: 8.512 min  
Delta R.T.: 0.000 min  
Response: 907705416  
Conc: 47.77 ng/ml



#3 AR-1016-1

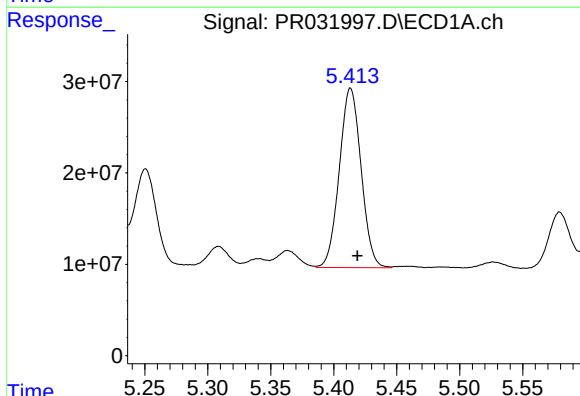
R.T.: 5.220 min  
Delta R.T.: -0.005 min  
Response: 234374727  
Conc: 407.77 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



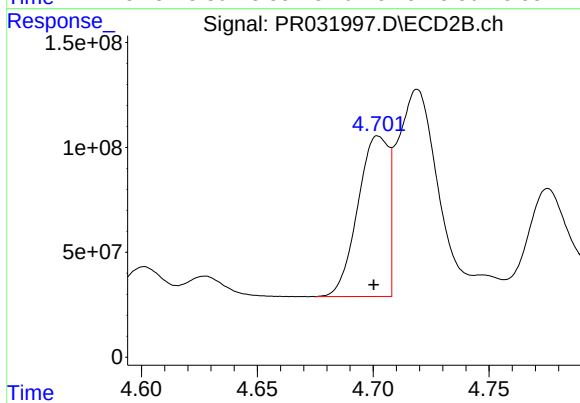
#3 AR-1016-1

R.T.: 4.303 min  
Delta R.T.: 0.003 min  
Response: 478366467  
Conc: 407.23 ng/ml



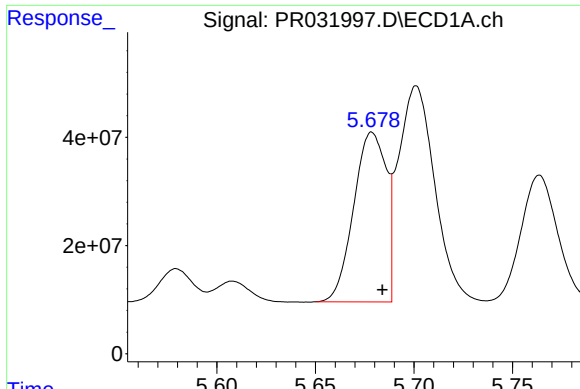
#4 AR-1016-2

R.T.: 5.413 min  
Delta R.T.: -0.005 min  
Response: 236318943  
Conc: 404.76 ng/ml



#4 AR-1016-2

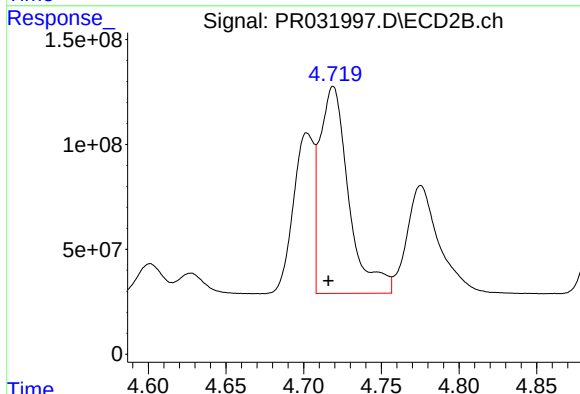
R.T.: 4.702 min  
Delta R.T.: 0.002 min  
Response: 704289087  
Conc: 396.10 ng/ml



#5 AR-1016-3

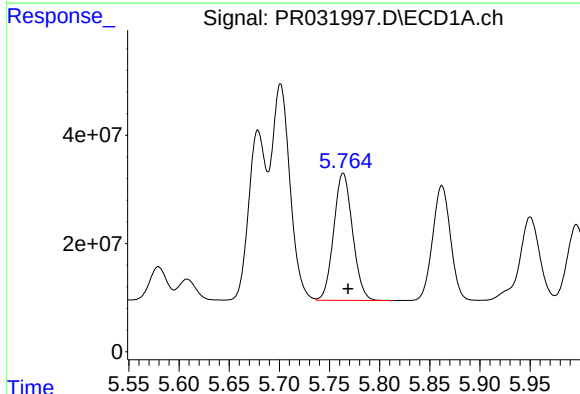
R.T.: 5.679 min  
Delta R.T.: -0.005 min  
Response: 359784131  
Conc: 400.10 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



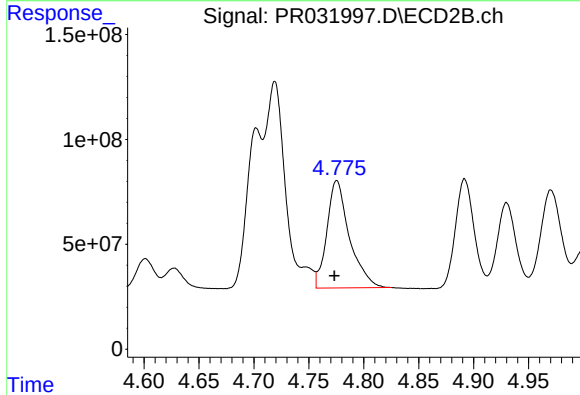
#5 AR-1016-3

R.T.: 4.719 min  
Delta R.T.: 0.003 min  
Response: 1278014437  
Conc: 402.45 ng/ml



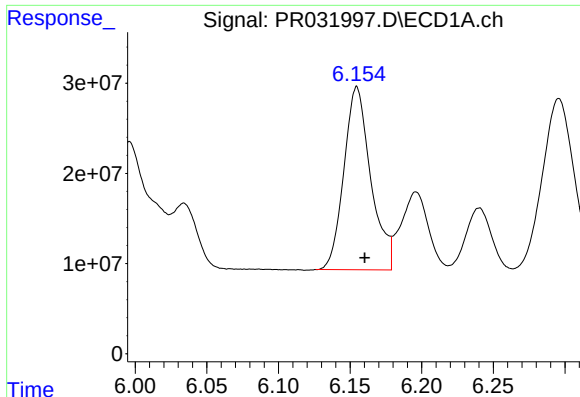
#6 AR-1016-4

R.T.: 5.764 min  
Delta R.T.: -0.005 min  
Response: 307597131  
Conc: 397.51 ng/ml



#6 AR-1016-4

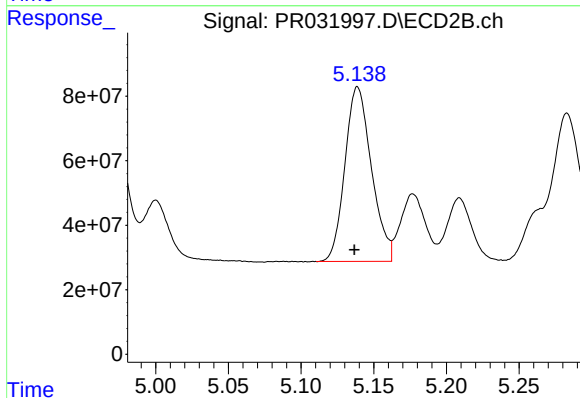
R.T.: 4.775 min  
Delta R.T.: 0.002 min  
Response: 730462829  
Conc: 407.86 ng/ml



#7 AR-1016-5

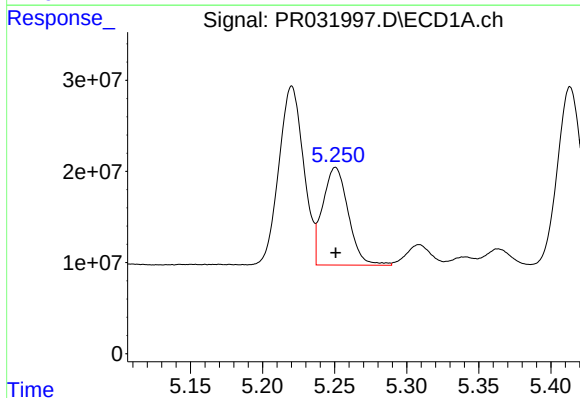
R.T.: 6.155 min  
Delta R.T.: -0.005 min  
Response: 264913298  
Conc: 402.42 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



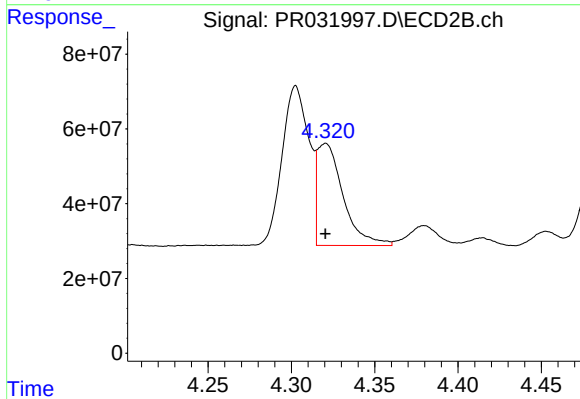
#7 AR-1016-5

R.T.: 5.139 min  
Delta R.T.: 0.002 min  
Response: 687562490  
Conc: 402.31 ng/ml



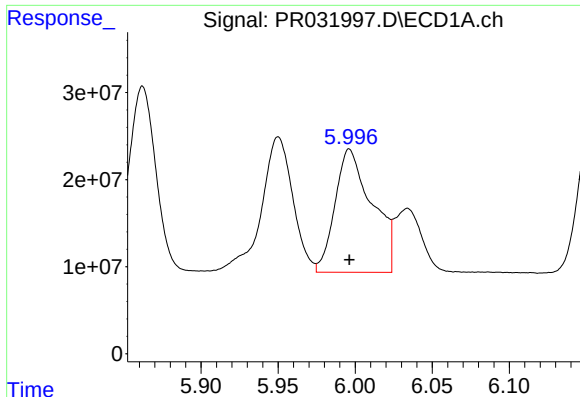
#16 AR-1242-1

R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 131986928  
Conc: 500.00 ng/ml



#16 AR-1242-1

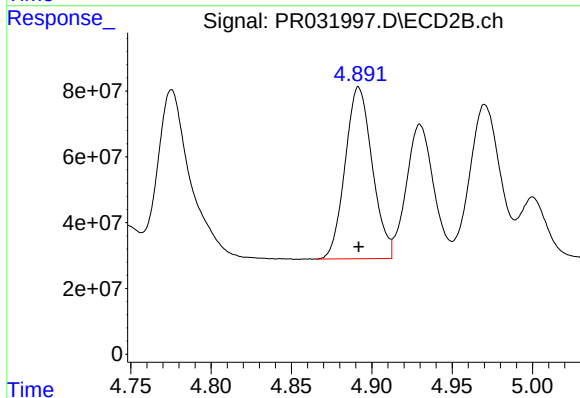
R.T.: 4.320 min  
Delta R.T.: 0.000 min  
Response: 296254062  
Conc: 500.00 ng/ml



#17 AR-1242-2

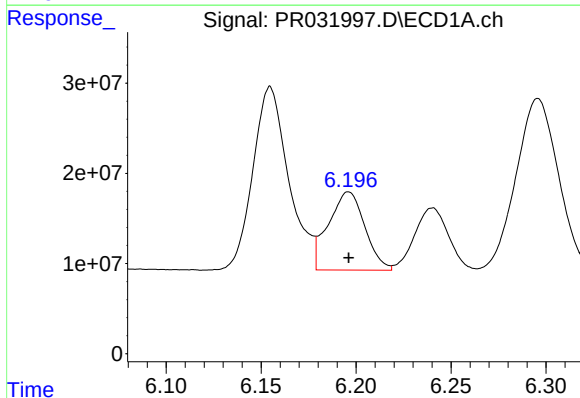
R.T.: 5.996 min  
Delta R.T.: 0.000 min  
Response: 237201165  
Conc: 500.00 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



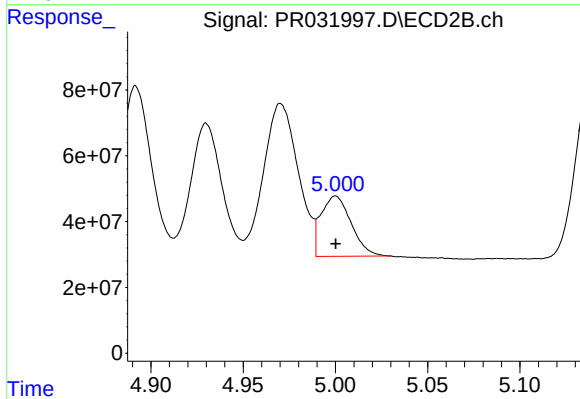
#17 AR-1242-2

R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 614258435  
Conc: 500.00 ng/ml



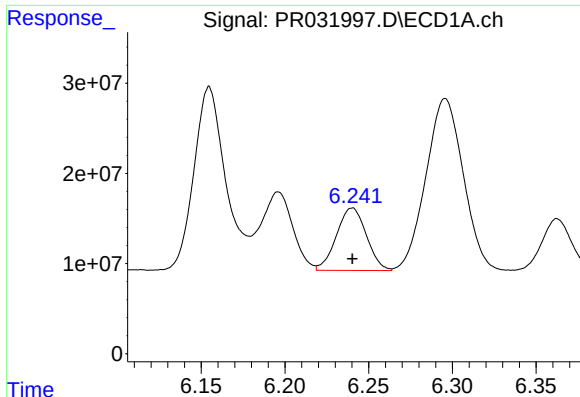
#18 AR-1242-3

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 115892926  
Conc: 500.00 ng/ml



#18 AR-1242-3

R.T.: 5.000 min  
Delta R.T.: 0.000 min  
Response: 209159739  
Conc: 500.00 ng/ml



#19 AR-1242-4

R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 86481890  
Conc: 500.00 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :

#19 AR-1242-4

R.T.: 5.354 min  
Delta R.T.: 0.000 min  
Response: 196127656  
Conc: 500.00 ng/ml

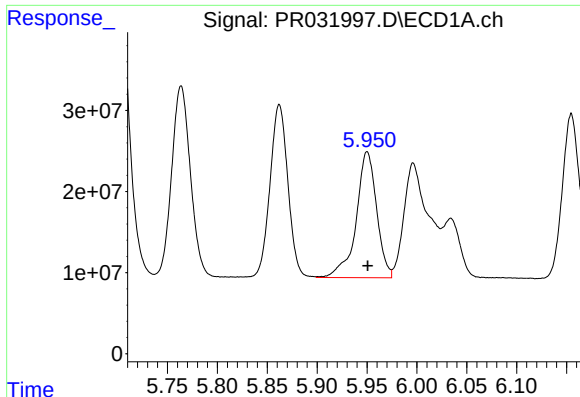
#20 AR-1242-5

R.T.: 6.296 min  
Delta R.T.: 0.000 min  
Response: 298280849  
Conc: 500.00 ng/ml

#20 AR-1242-5

R.T.: 5.734 min  
Delta R.T.: 0.000 min  
Response: 436432803  
Conc: 500.00 ng/ml

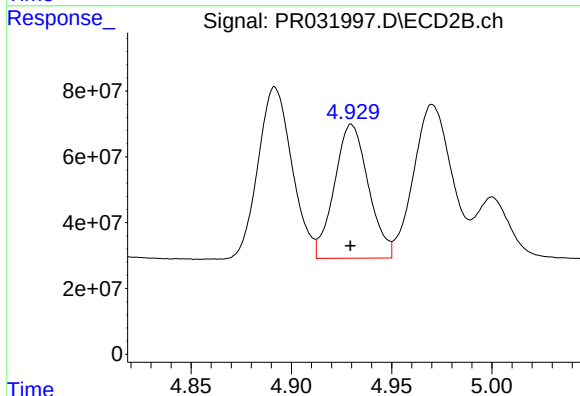




#21 AR-1248-1

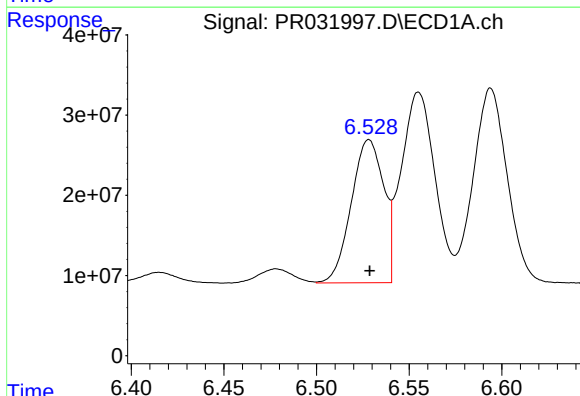
R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 221855562  
Conc: 286.84 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



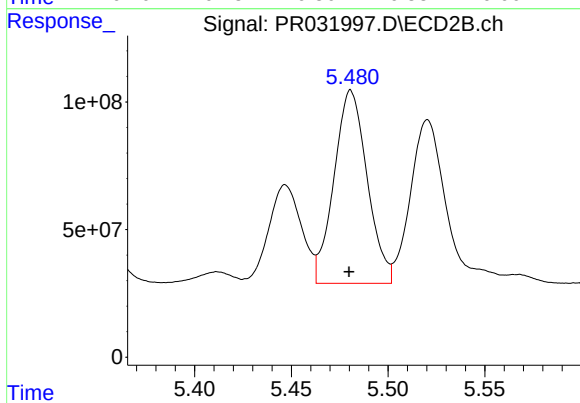
#21 AR-1248-1

R.T.: 4.930 min  
Delta R.T.: 0.000 min  
Response: 481293985  
Conc: 281.73 ng/ml



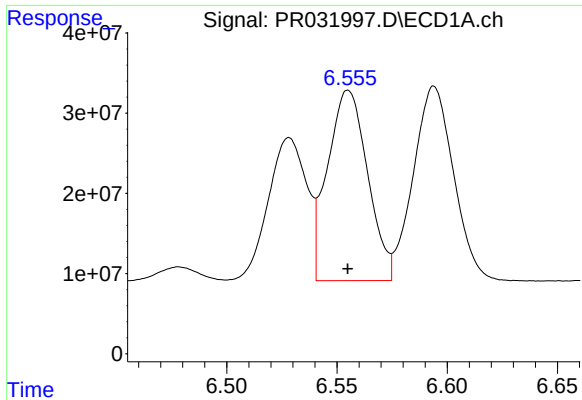
#22 AR-1248-2

R.T.: 6.528 min  
Delta R.T.: 0.000 min  
Response: 217256106  
Conc: 271.77 ng/ml



#22 AR-1248-2

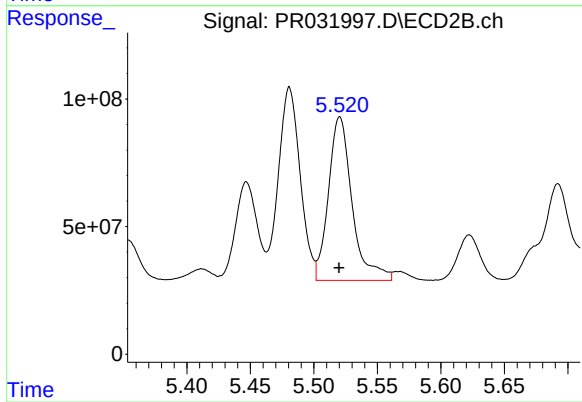
R.T.: 5.481 min  
Delta R.T.: 0.000 min  
Response: 904452752  
Conc: 261.41 ng/ml



#23 AR-1248-3

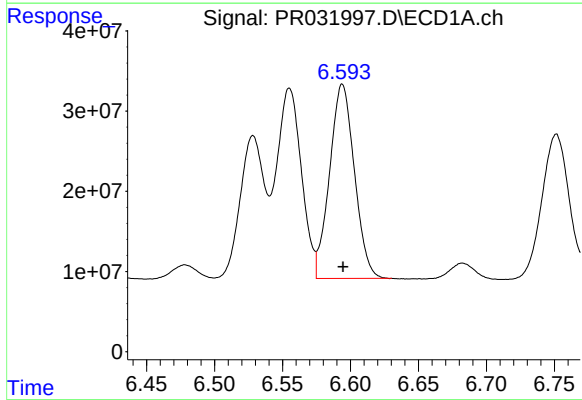
R.T.: 6.555 min  
Delta R.T.: 0.000 min  
Response: 300545149  
Conc: 280.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



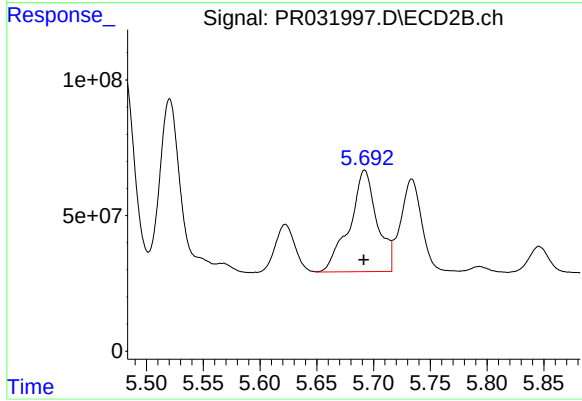
#23 AR-1248-3

R.T.: 5.520 min  
Delta R.T.: 0.000 min  
Response: 831554644  
Conc: 336.95 ng/ml



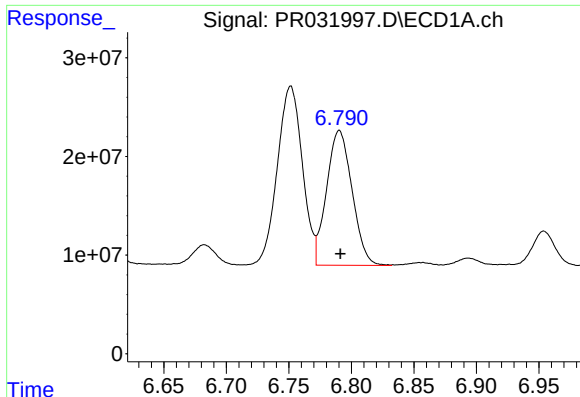
#24 AR-1248-4

R.T.: 6.594 min  
Delta R.T.: 0.000 min  
Response: 308094742  
Conc: 304.04 ng/ml



#24 AR-1248-4

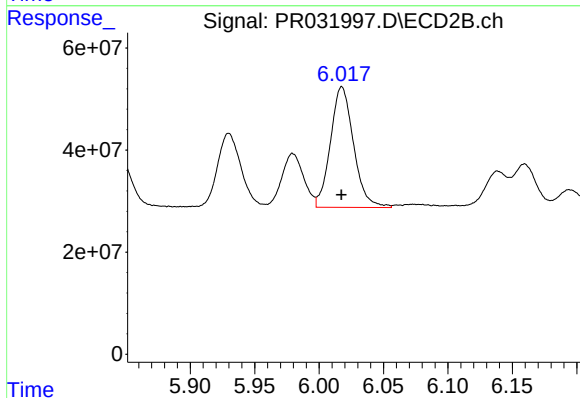
R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 628953456  
Conc: 254.18 ng/ml



#25 AR-1248-5

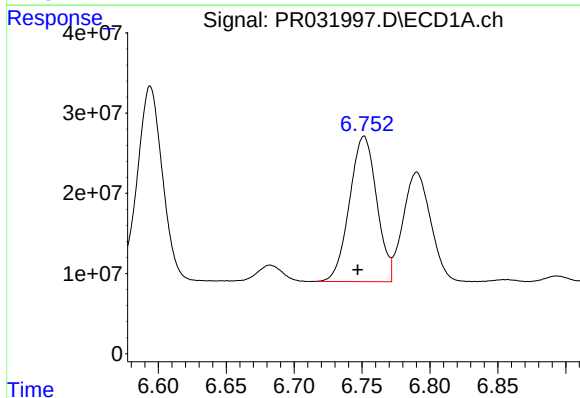
R.T.: 6.790 min  
Delta R.T.: 0.000 min  
Response: 194064768  
Conc: 289.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



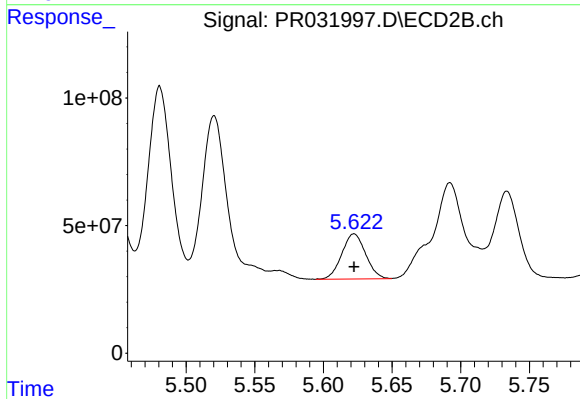
#25 AR-1248-5

R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 295116709  
Conc: 184.90 ng/ml



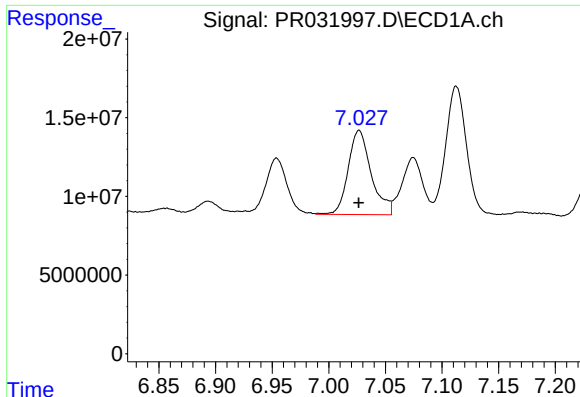
#26 AR-1254-1

R.T.: 6.751 min  
Delta R.T.: 0.005 min  
Response: 252721306  
Conc: 134.28 ng/ml



#26 AR-1254-1

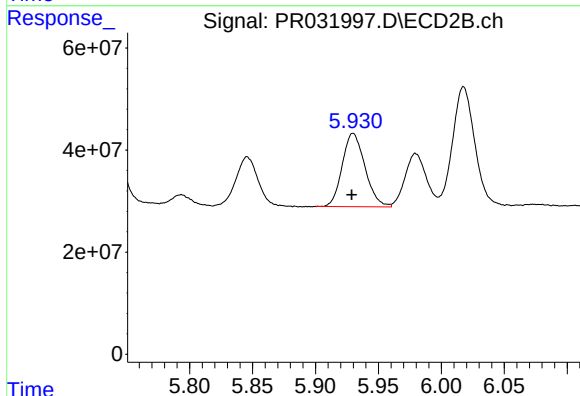
R.T.: 5.622 min  
Delta R.T.: 0.000 min  
Response: 213874340  
Conc: 56.86 ng/ml



#27 AR-1254-2

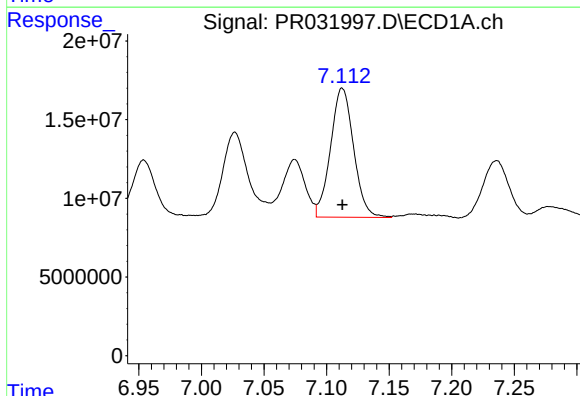
R.T.: 7.027 min  
Delta R.T.: 0.000 min  
Response: 75939500  
Conc: 64.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



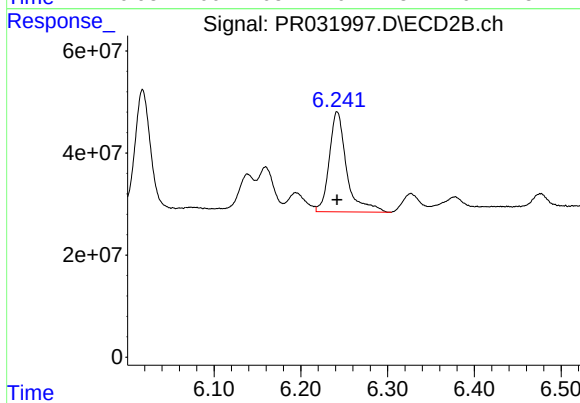
#27 AR-1254-2

R.T.: 5.930 min  
Delta R.T.: 0.001 min  
Response: 181390129  
Conc: 63.07 ng/ml



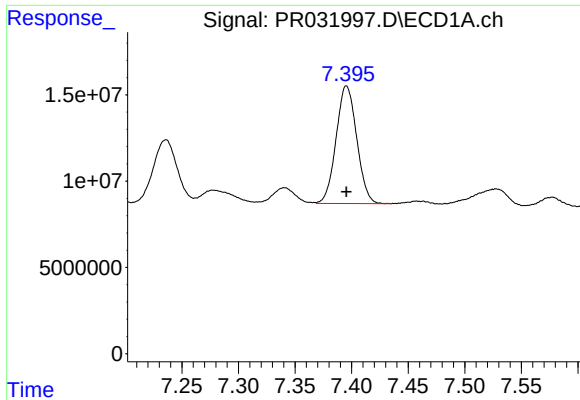
#28 AR-1254-3

R.T.: 7.113 min  
Delta R.T.: 0.000 min  
Response: 105441410  
Conc: 50.62 ng/ml



#28 AR-1254-3

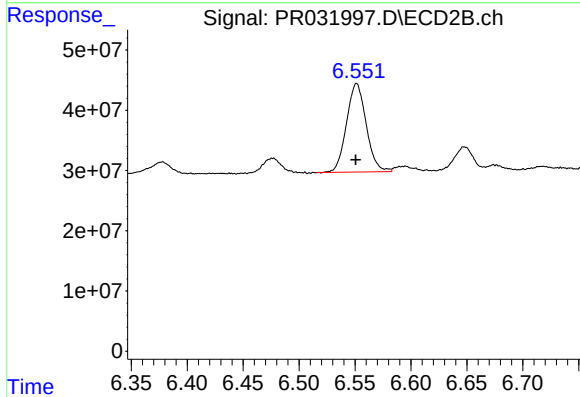
R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 273231933  
Conc: 60.60 ng/ml



#29 AR-1254-4

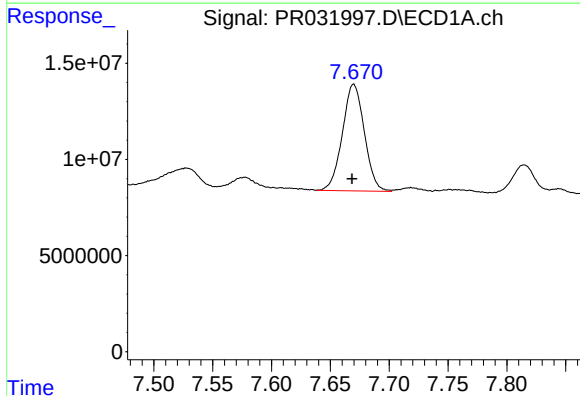
R.T.: 7.395 min  
Delta R.T.: 0.000 min  
Response: 86672582  
Conc: 52.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



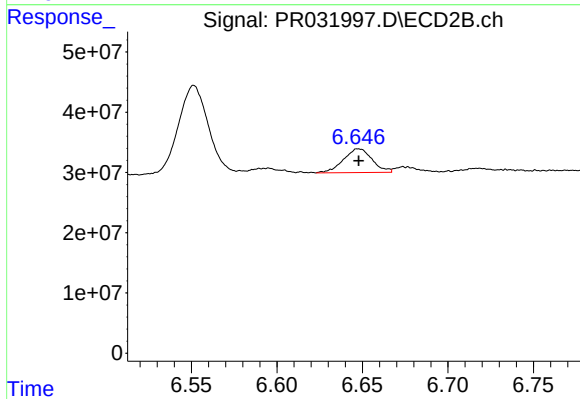
#29 AR-1254-4

R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 180277101  
Conc: 83.04 ng/ml



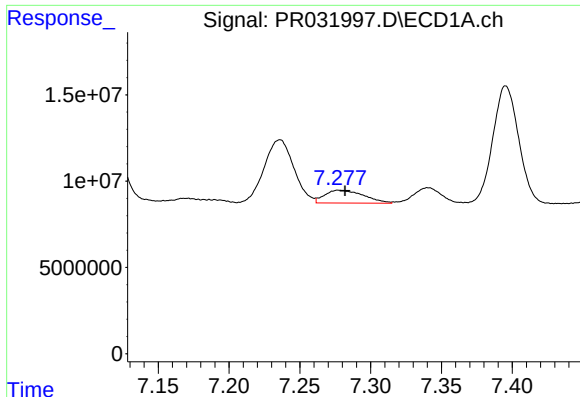
#30 AR-1254-5

R.T.: 7.670 min  
Delta R.T.: 0.001 min  
Response: 71963749  
Conc: 62.84 ng/ml



#30 AR-1254-5

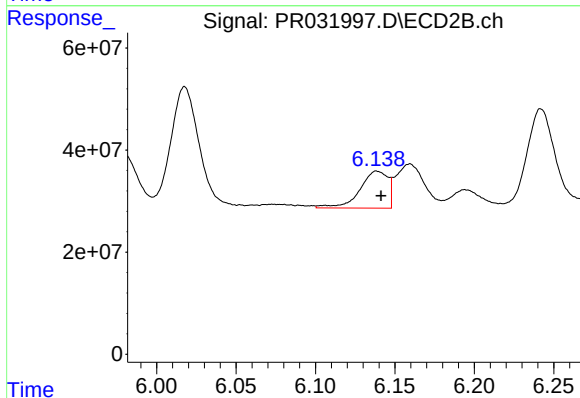
R.T.: 6.648 min  
Delta R.T.: 0.000 min  
Response: 46153049  
Conc: 11.71 ng/ml



#31 AR-1260-1

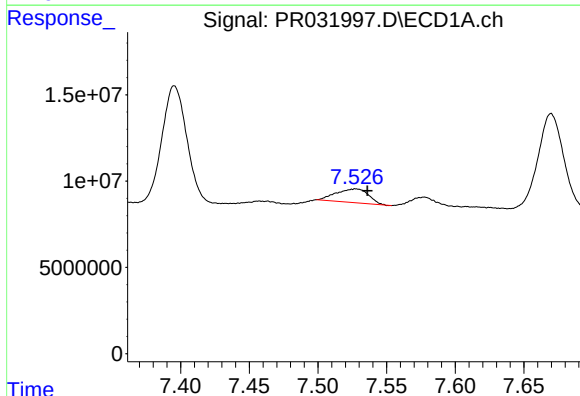
R.T.: 7.278 min  
Delta R.T.: -0.004 min  
Response: 14243183  
Conc: 10.85 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



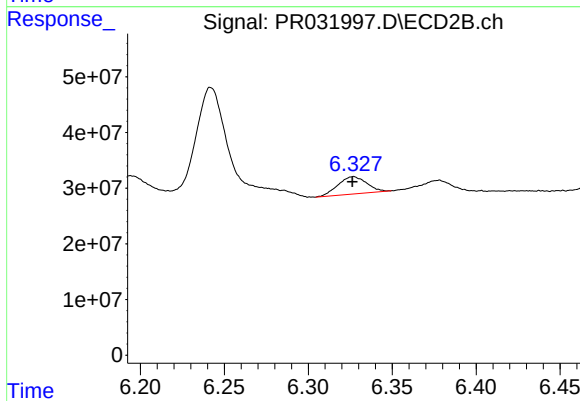
#31 AR-1260-1

R.T.: 6.139 min  
Delta R.T.: -0.003 min  
Response: 89584978  
Conc: 25.79 ng/ml



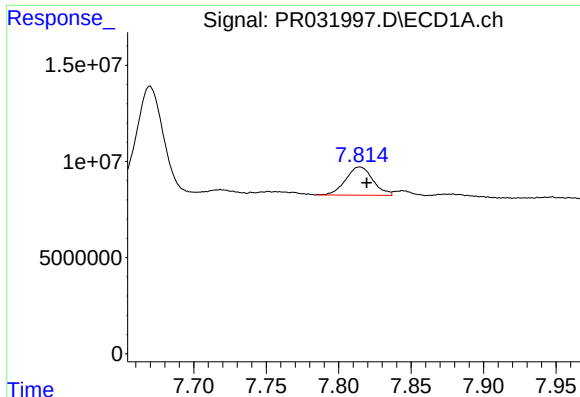
#32 AR-1260-2

R.T.: 7.528 min  
Delta R.T.: -0.008 min  
Response: 13082445  
Conc: 8.18 ng/ml



#32 AR-1260-2

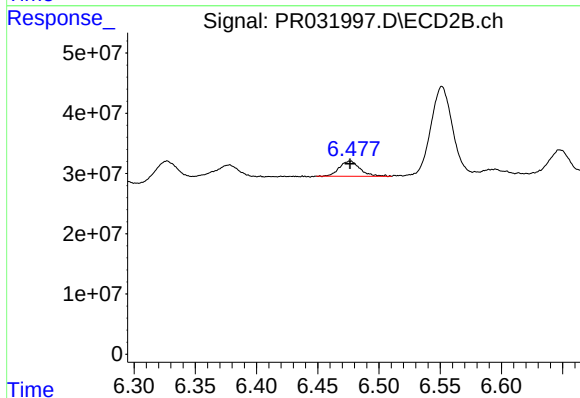
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 37060646  
Conc: 8.72 ng/ml



#33 AR-1260-3

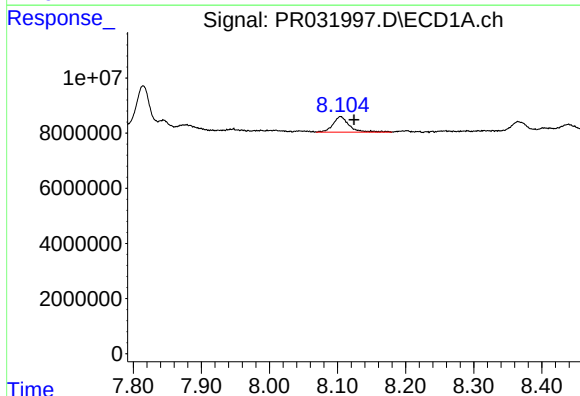
R.T.: 7.815 min  
Delta R.T.: -0.005 min  
Response: 19177090  
Conc: 11.12 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



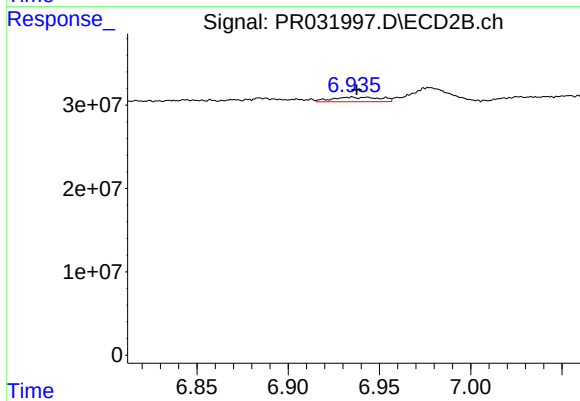
#33 AR-1260-3

R.T.: 6.476 min  
Delta R.T.: 0.000 min  
Response: 29256399  
Conc: 8.75 ng/ml



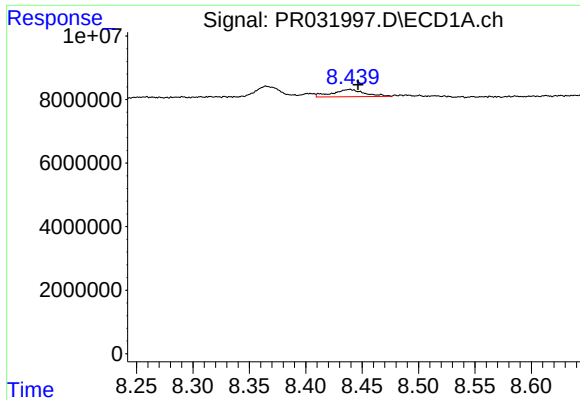
#34 AR-1260-4

R.T.: 8.104 min  
Delta R.T.: -0.020 min  
Response: 9451073  
Conc: 7.91 ng/ml



#34 AR-1260-4

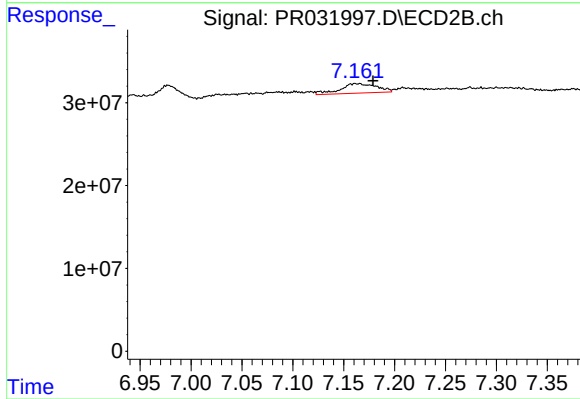
R.T.: 6.935 min  
Delta R.T.: -0.003 min  
Response: 10111340  
Conc: 4.84 ng/ml



#35 AR-1260-5

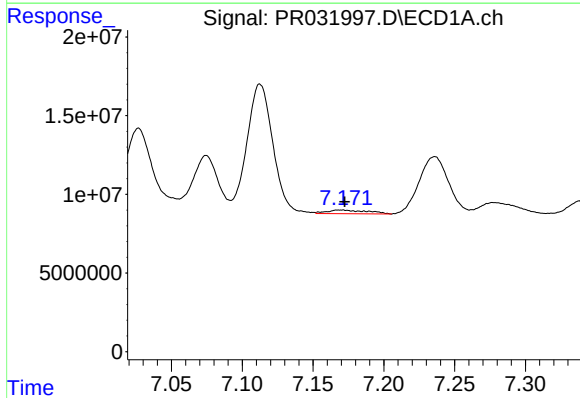
R.T.: 8.439 min  
Delta R.T.: -0.007 min  
Response: 4516173  
Conc: 1.67 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



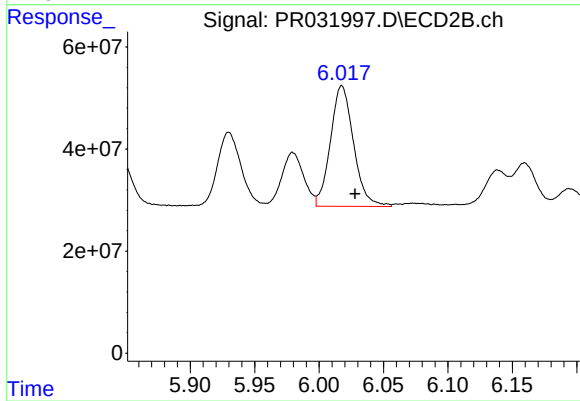
#35 AR-1260-5

R.T.: 7.162 min  
Delta R.T.: -0.017 min  
Response: 28768115  
Conc: 6.53 ng/ml



#36 AR-1262-1

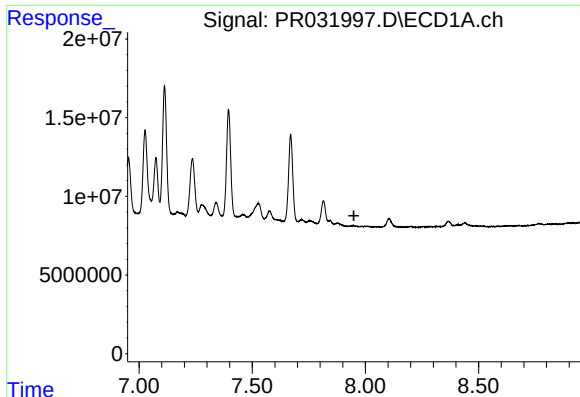
R.T.: 7.170 min  
Delta R.T.: -0.002 min  
Response: 4694201  
Conc: 6.73 ng/ml



#36 AR-1262-1

R.T.: 6.018 min  
Delta R.T.: -0.010 min  
Response: 295116709  
Conc: 167.50 ng/ml

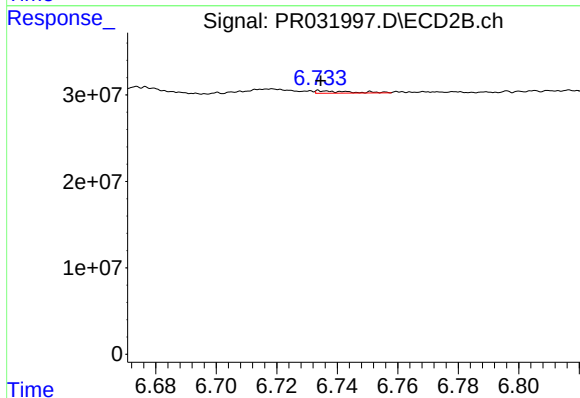




#37 AR-1262-2

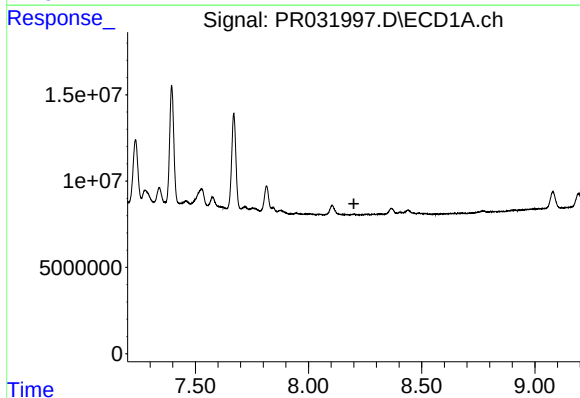
R.T.: 0.000 min  
Exp R.T.: 7.949 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



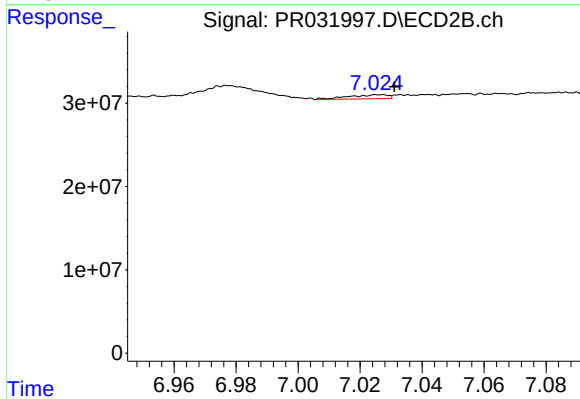
#37 AR-1262-2

R.T.: 6.734 min  
Delta R.T.: 0.000 min  
Response: 2116751  
Conc: 1.55 ng/ml



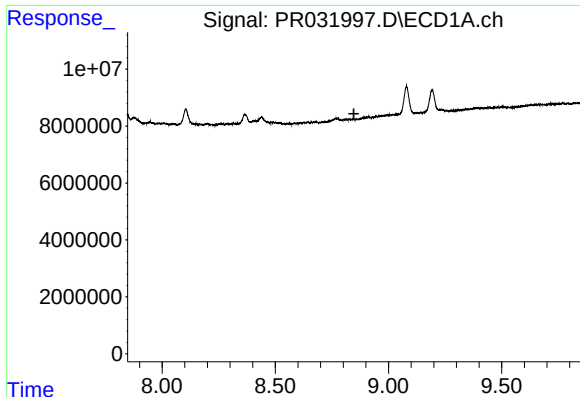
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 8.201 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

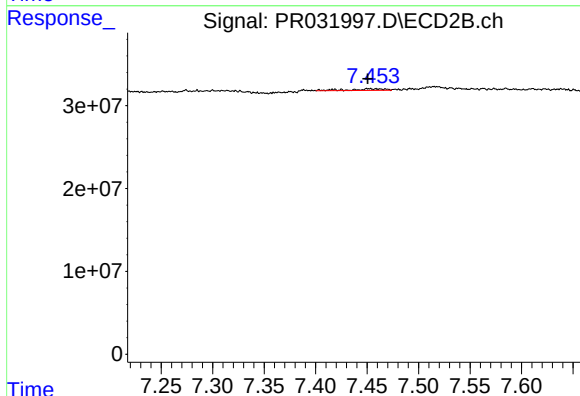
R.T.: 7.026 min  
Delta R.T.: -0.005 min  
Response: 4242845  
Conc: 3.64 ng/ml



#39 AR-1262-4

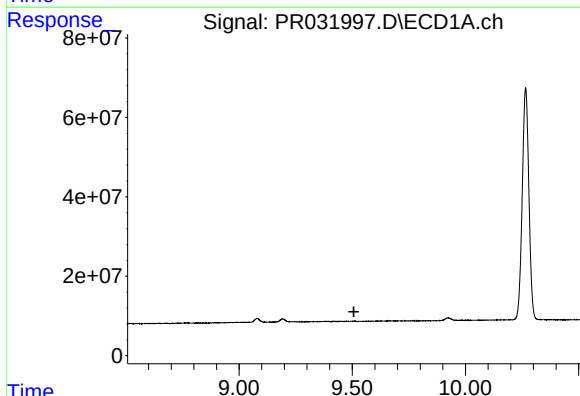
R.T.: 0.000 min  
Exp R.T.: 8.847 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



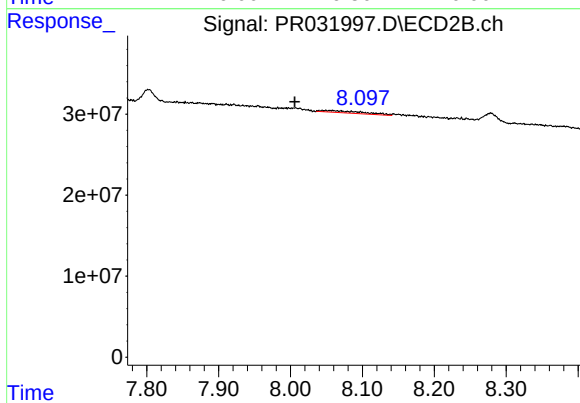
#39 AR-1262-4

R.T.: 7.451 min  
Delta R.T.: 0.000 min  
Response: 4359864  
Conc: 2.93 ng/ml



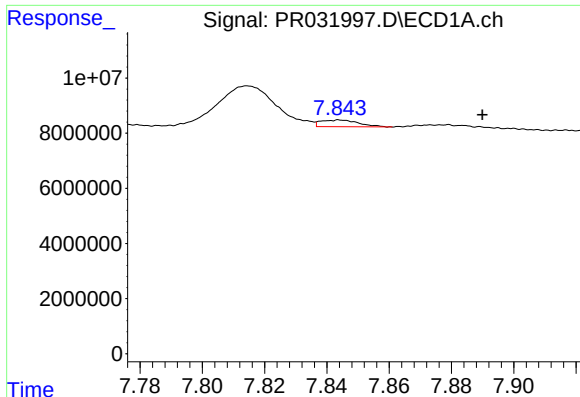
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.507 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

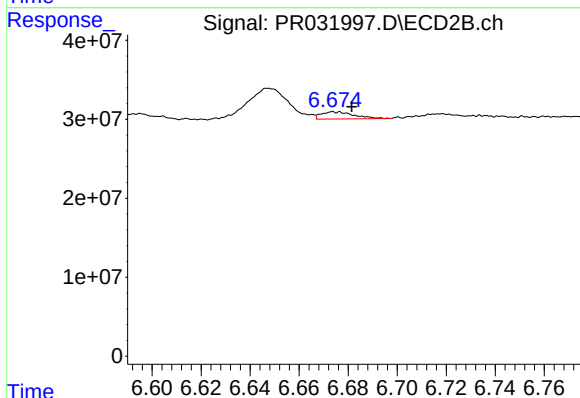
R.T.: 8.044 min  
Delta R.T.: 0.038 min  
Response: 10795207  
Conc: 9.94 ng/ml



#41 AR-1268-1

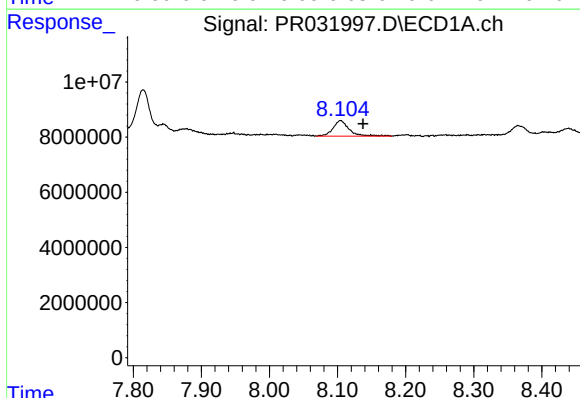
R.T.: 7.844 min  
Delta R.T.: -0.046 min  
Response: 2064091  
Conc: 2.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



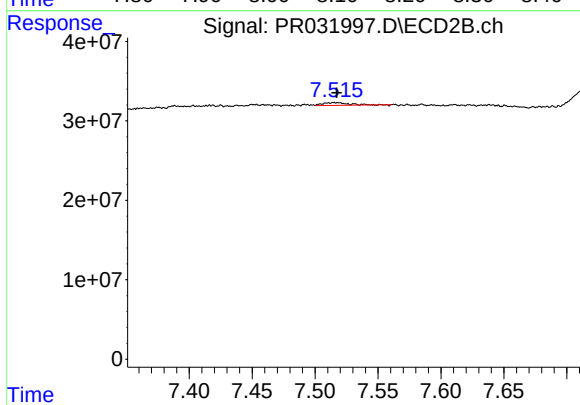
#41 AR-1268-1

R.T.: 6.674 min  
Delta R.T.: -0.007 min  
Response: 8348744  
Conc: 5.44 ng/ml



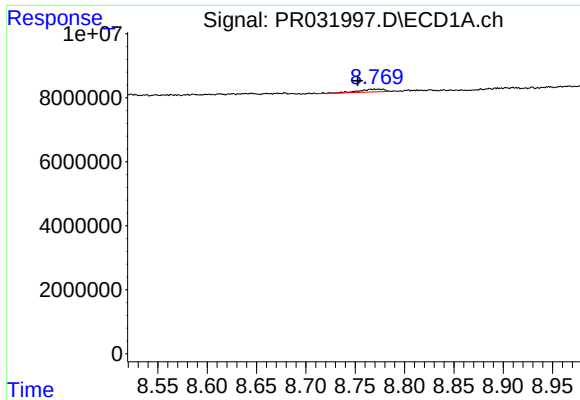
#42 AR-1268-2

R.T.: 8.104 min  
Delta R.T.: -0.033 min  
Response: 9451073  
Conc: 10.74 ng/ml



#42 AR-1268-2

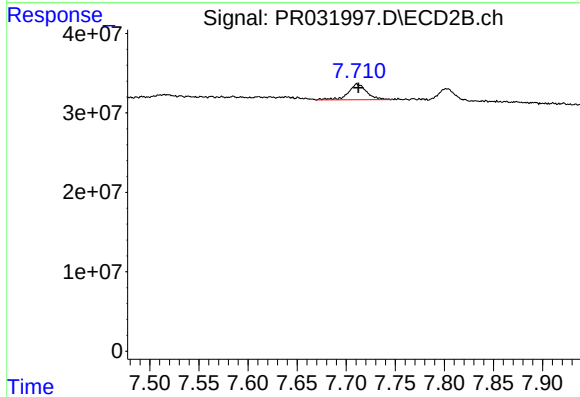
R.T.: 7.516 min  
Delta R.T.: -0.001 min  
Response: 5049903  
Conc: 1.44 ng/ml



#43 AR-1268-3

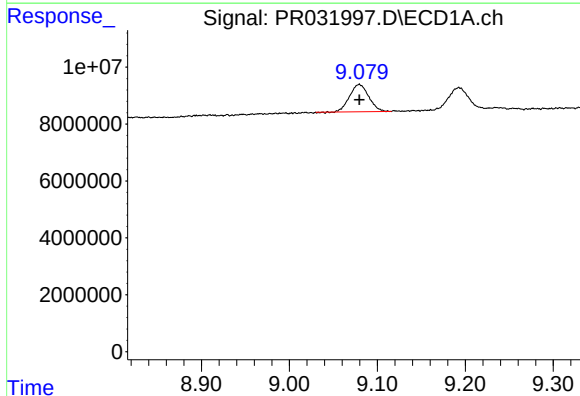
R.T.: 8.770 min  
Delta R.T.: 0.017 min  
Response: 1566954  
Conc: 0.42 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



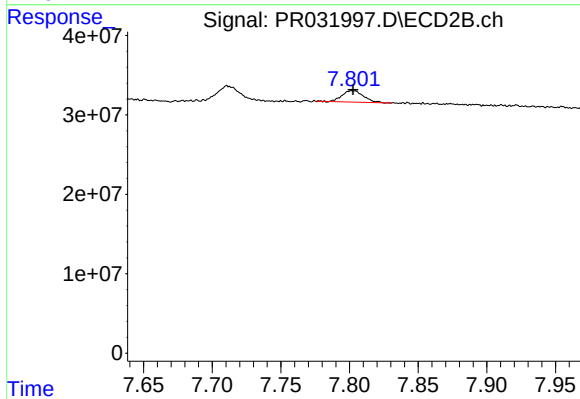
#43 AR-1268-3

R.T.: 7.711 min  
Delta R.T.: -0.001 min  
Response: 25676873  
Conc: 9.09 ng/ml



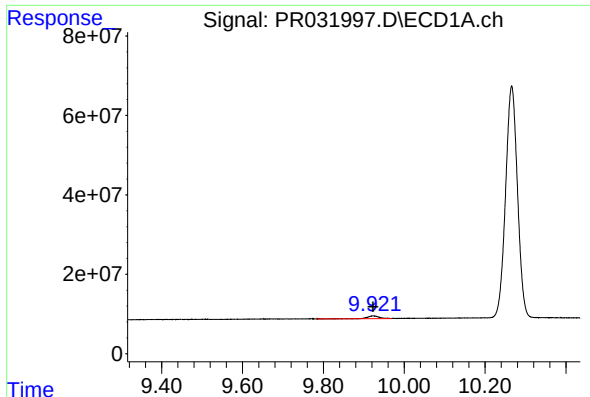
#44 AR-1268-4

R.T.: 9.079 min  
Delta R.T.: 0.000 min  
Response: 14646120  
Conc: 4.79 ng/ml



#44 AR-1268-4

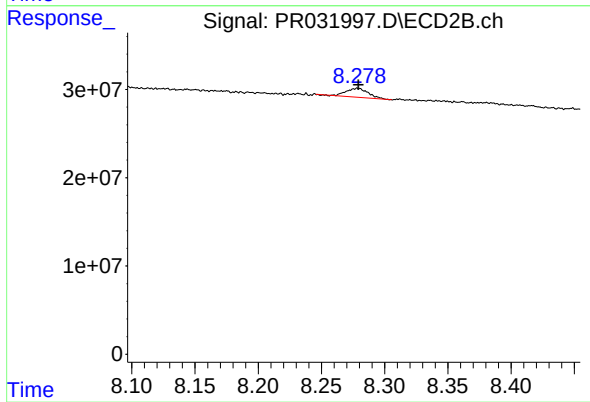
R.T.: 7.803 min  
Delta R.T.: 0.000 min  
Response: 15680402  
Conc: 18.59 ng/ml



#45 AR-1268-5

R.T.: 9.923 min  
Delta R.T.: 0.000 min  
Response: 14477810  
Conc: 1.53 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.279 min  
Delta R.T.: 0.000 min  
Response: 11918709  
Conc: 1.68 ng/ml