

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR083018\  
 Data File : PR031671.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Aug 2018 21:16  
 Operator : SM\SJ  
 Sample : AR1254ICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 06:54:14 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR083018.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 31 06:54:03 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... | 4.525  | 3.660 | 747.1E6  | 1417.5E6 | 55.250  | 56.960     |
| 2)                          | SA Decachlor... | 10.276 | 8.523 | 1216.0E6 | 832.2E6  | 49.366  | 51.730     |
| Target Compounds            |                 |        |       |          |          |         |            |
| 3)                          | L1 AR-1016-1    | 5.222  | 0.000 | 3317247  | 0        | 8.879   | N.D. #     |
| 4)                          | L1 AR-1016-2    | 5.419  | 4.710 | 3488939  | 23567177 | 9.357   | 20.846 #   |
| 5)                          | L1 AR-1016-3    | 5.683  | 4.727 | 21403251 | 28034159 | 34.970  | 14.813 #   |
| 6)                          | L1 AR-1016-4    | 5.770  | 4.755 | 7621716  | 10064150 | 14.690  | 8.617 #    |
| 7)                          | L1 AR-1016-5    | 6.160  | 5.146 | 136.0E6  | 332.6E6  | 307.050 | 306.293    |
| 26)                         | L6 AR-1254-1    | 6.752  | 5.630 | 662.1E6  | 1274.3E6 | 500.000 | 500.000    |
| 27)                         | L6 AR-1254-2    | 7.032  | 5.937 | 415.3E6  | 911.7E6  | 500.000 | 500.000    |
| 28)                         | L6 AR-1254-3    | 7.118  | 6.249 | 741.6E6  | 1639.5E6 | 500.000 | 500.000    |
| 29)                         | L6 AR-1254-4    | 7.402  | 6.558 | 599.0E6  | 744.2E6  | 500.000 | 500.000    |
| 30)                         | L6 AR-1254-5    | 7.674  | 6.656 | 433.3E6  | 1053.2E6 | 500.000 | 500.000    |
| 31)                         | L7 AR-1260-1    | 7.282  | 6.150 | 296.5E6  | 1022.4E6 | 295.368 | 450.307 #  |
| 32)                         | L7 AR-1260-2    | 7.535  | 6.334 | 355.2E6  | 774.5E6  | 268.258 | 277.910    |
| 33)                         | L7 AR-1260-3    | 7.820  | 6.484 | 624.0E6  | 664.3E6  | 404.281 | 295.961 #  |
| 34)                         | L7 AR-1260-4    | 8.110  | 6.945 | 250.6E6  | 95881577 | 223.227 | 69.421 #   |
| 35)                         | L7 AR-1260-5    | 8.445  | 7.168 | 102.0E6  | 357.6E6  | 39.353  | 121.510 #  |
| 36)                         | L8 AR-1262-1    | 7.177  | 6.025 | 71129347 | 2023.2E6 | 120.189 | 1425.164 # |
| 37)                         | L8 AR-1262-2    | 7.954  | 6.725 | 21797440 | 158.0E6  | 37.212  | 147.308 #  |
| 38)                         | L8 AR-1262-3    | 8.205  | 7.040 | 28860296 | 75205871 | 55.711  | 90.023 #   |
| 39)                         | L8 AR-1262-4    | 8.827  | 7.458 | 29157418 | 4437027  | 19.053  | 3.819 #    |
| 40)                         | L8 AR-1262-5    | 9.511  | 0.000 | 5257276  | 0        | 4.679   | N.D. #     |
| 41)                         | L9 AR-1268-1    | 7.882  | 6.681 | 80066153 | 199.6E6  | 138.156 | 192.535 #  |
| 42)                         | L9 AR-1268-2    | 8.170  | 7.525 | 4643626  | 107.1E6  | 5.743   | 41.886 #   |
| 43)                         | L9 AR-1268-3    | 8.778  | 7.722 | 80131476 | 35757450 | 21.783  | 16.498     |
| 44)                         | L9 AR-1268-4    | 9.088  | 7.812 | 27418780 | 21277167 | 9.276   | 32.905 #   |
| 45)                         | L9 AR-1268-5    | 9.935  | 8.289 | 13811447 | 16672689 | 1.568   | 2.763 #    |
| -----                       |                 |        |       |          |          |         |            |

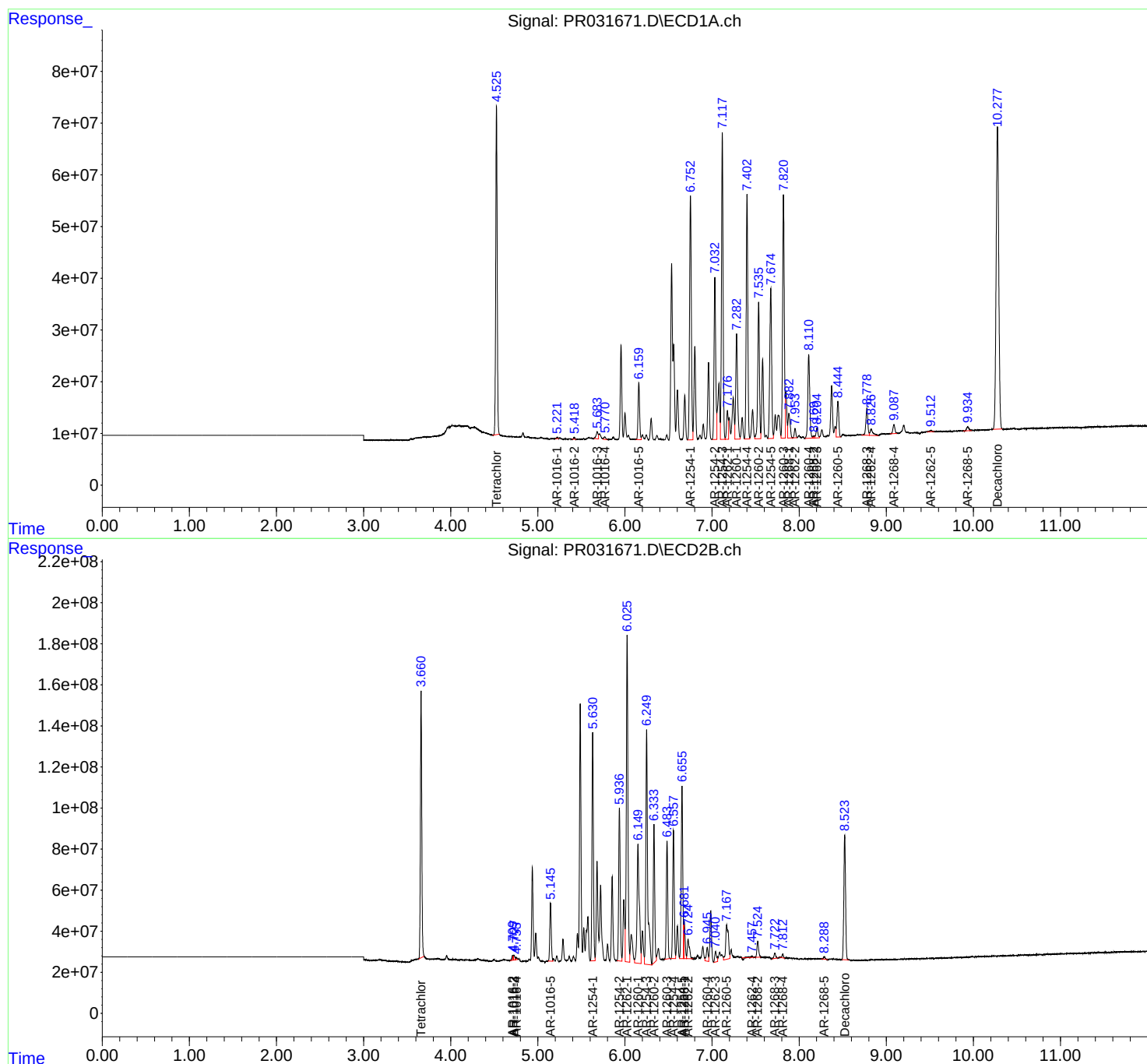
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

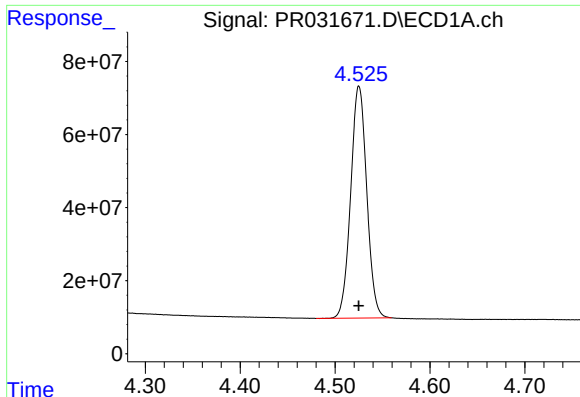
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR083018\  
Data File : PR031671.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Aug 2018 21:16  
Operator : SM\SJ  
Sample : AR1254ICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 06:54:14 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR083018.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 31 06:54:03 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

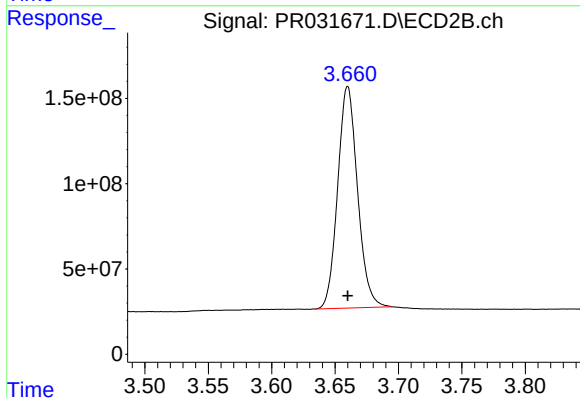




#1 Tetrachloro-m-xylene

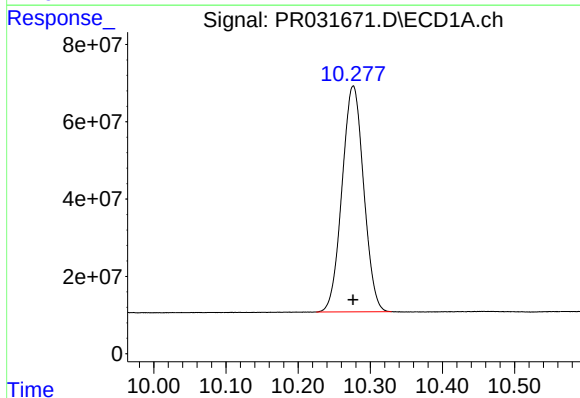
R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 747075728  
Conc: 55.25 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



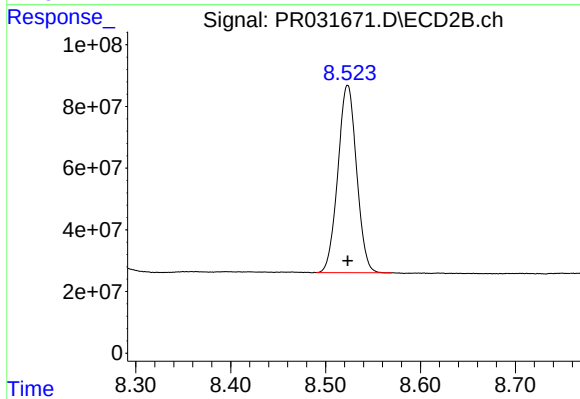
#1 Tetrachloro-m-xylene

R.T.: 3.660 min  
Delta R.T.: 0.000 min  
Response: 1417539842  
Conc: 56.96 ng/ml



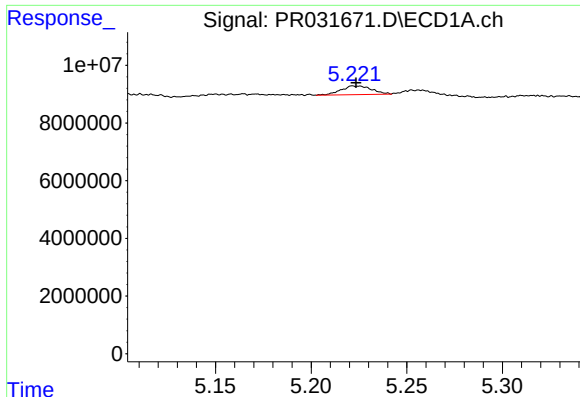
#2 Decachlorobiphenyl

R.T.: 10.276 min  
Delta R.T.: 0.000 min  
Response: 1216006520  
Conc: 49.37 ng/ml



#2 Decachlorobiphenyl

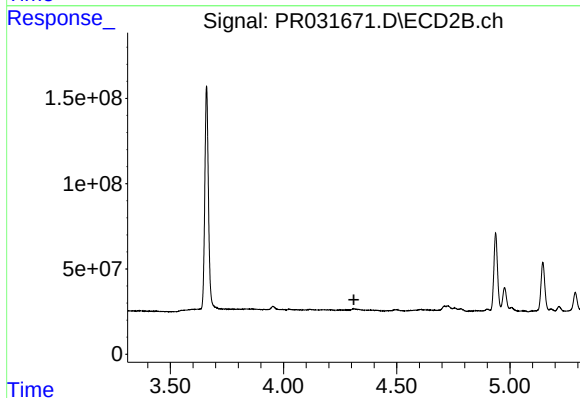
R.T.: 8.523 min  
Delta R.T.: 0.000 min  
Response: 832214832  
Conc: 51.73 ng/ml



#3 AR-1016-1

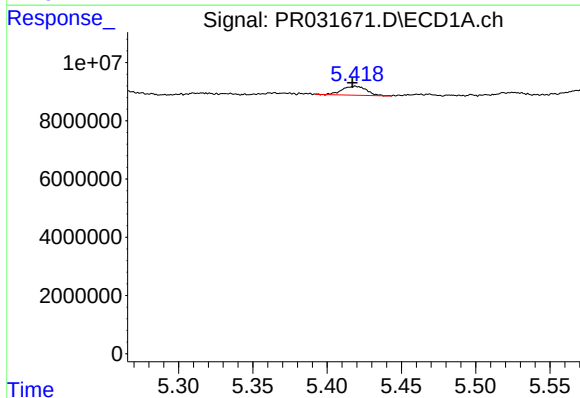
R.T.: 5.222 min  
Delta R.T.: -0.002 min  
Response: 3317247  
Conc: 8.88 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



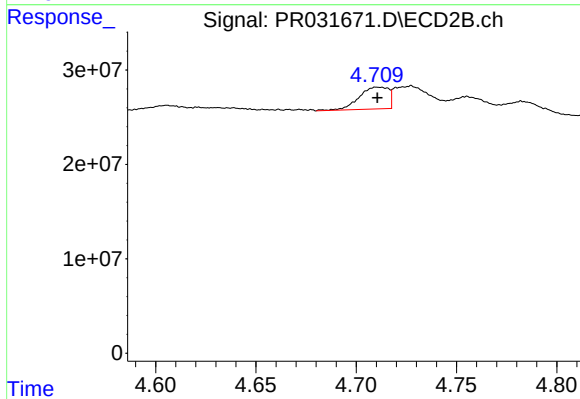
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.311 min  
Response: 0  
Conc: N.D.



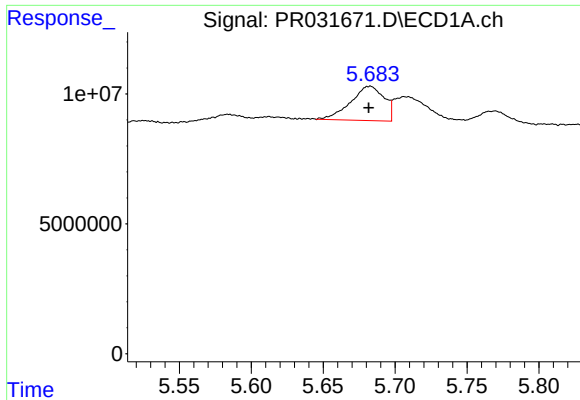
#4 AR-1016-2

R.T.: 5.419 min  
Delta R.T.: 0.002 min  
Response: 3488939  
Conc: 9.36 ng/ml



#4 AR-1016-2

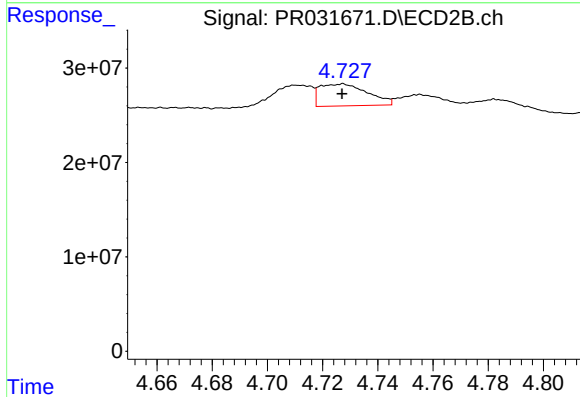
R.T.: 4.710 min  
Delta R.T.: 0.000 min  
Response: 23567177  
Conc: 20.85 ng/ml



#5 AR-1016-3

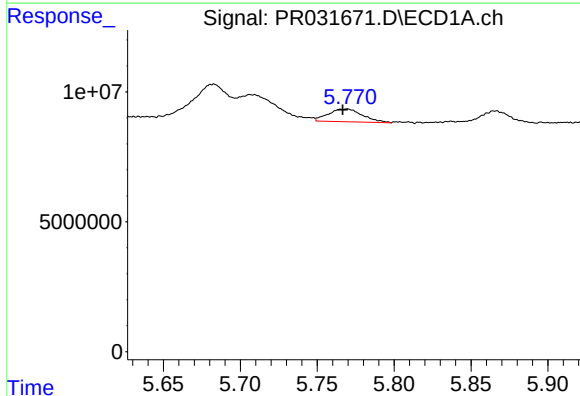
R.T.: 5.683 min  
Delta R.T.: 0.001 min  
Response: 21403251  
Conc: 34.97 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



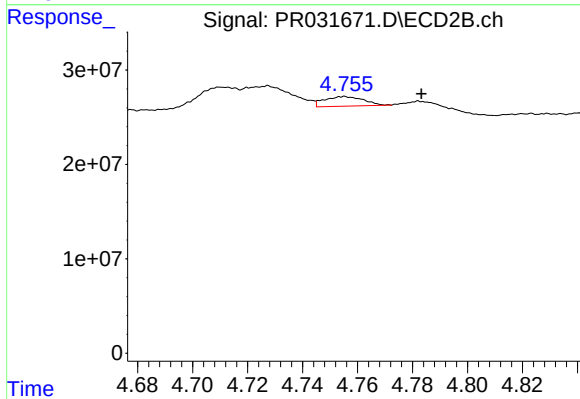
#5 AR-1016-3

R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 28034159  
Conc: 14.81 ng/ml



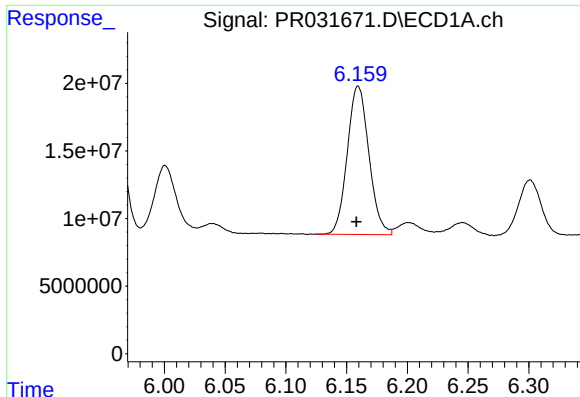
#6 AR-1016-4

R.T.: 5.770 min  
Delta R.T.: 0.003 min  
Response: 7621716  
Conc: 14.69 ng/ml



#6 AR-1016-4

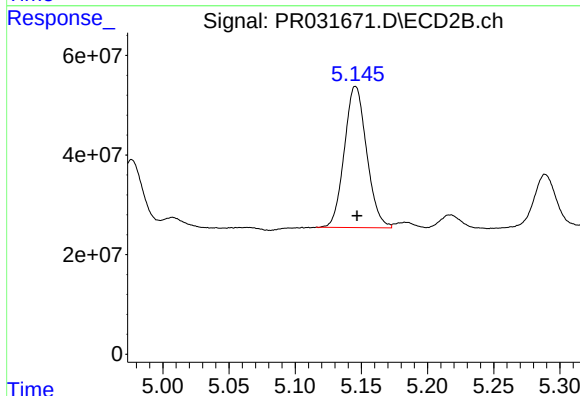
R.T.: 4.755 min  
Delta R.T.: -0.028 min  
Response: 10064150  
Conc: 8.62 ng/ml



#7 AR-1016-5

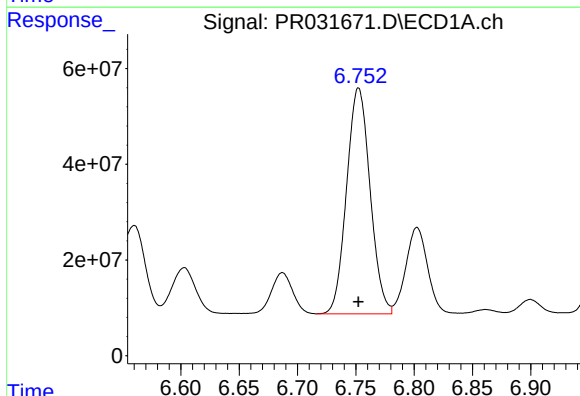
R.T.: 6.160 min  
Delta R.T.: 0.002 min  
Response: 135965925  
Conc: 307.05 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



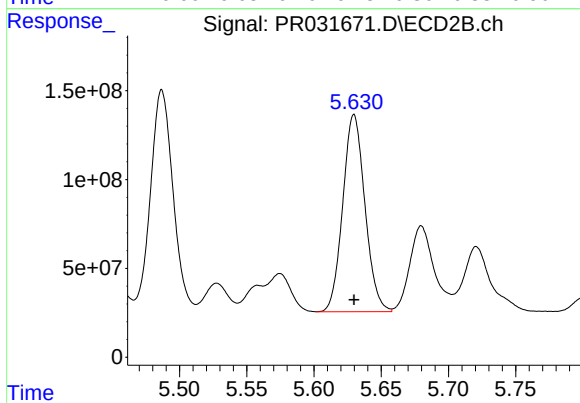
#7 AR-1016-5

R.T.: 5.146 min  
Delta R.T.: -0.001 min  
Response: 332629231  
Conc: 306.29 ng/ml



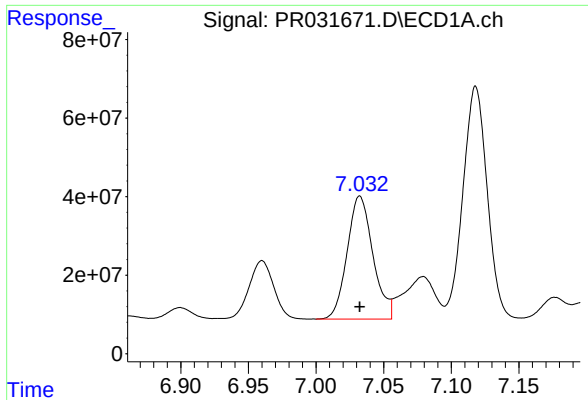
#26 AR-1254-1

R.T.: 6.752 min  
Delta R.T.: 0.000 min  
Response: 662092038  
Conc: 500.00 ng/ml



#26 AR-1254-1

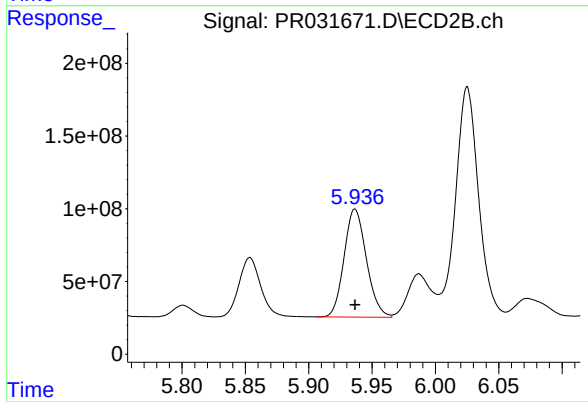
R.T.: 5.630 min  
Delta R.T.: 0.000 min  
Response: 1274286326  
Conc: 500.00 ng/ml



#27 AR-1254-2

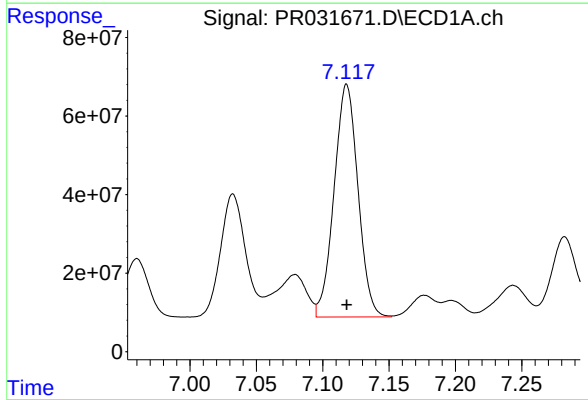
R.T.: 7.032 min  
Delta R.T.: 0.000 min  
Response: 415327374  
Conc: 500.00 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



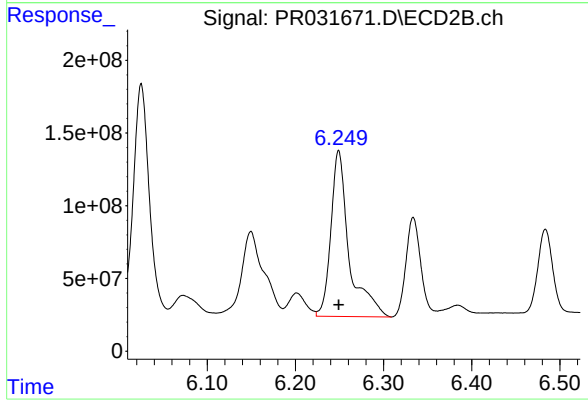
#27 AR-1254-2

R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 911701349  
Conc: 500.00 ng/ml



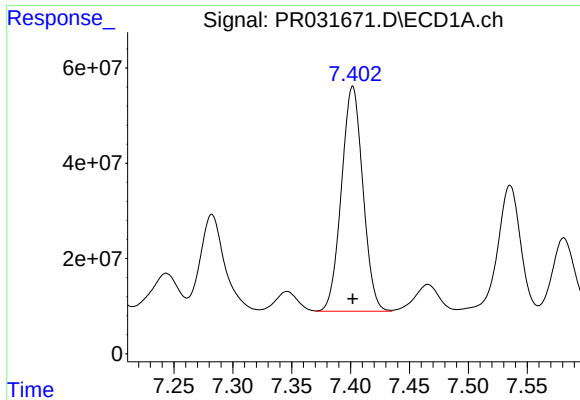
#28 AR-1254-3

R.T.: 7.118 min  
Delta R.T.: 0.000 min  
Response: 741615015  
Conc: 500.00 ng/ml



#28 AR-1254-3

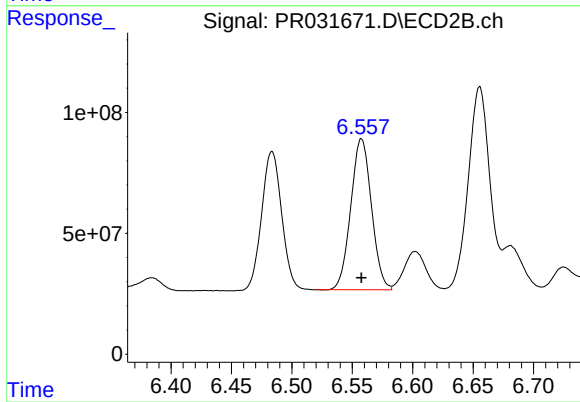
R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 1639484936  
Conc: 500.00 ng/ml



#29 AR-1254-4

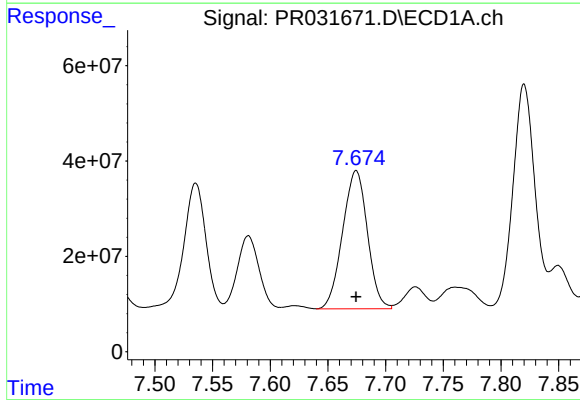
R.T.: 7.402 min  
Delta R.T.: 0.000 min  
Response: 598968403  
Conc: 500.00 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



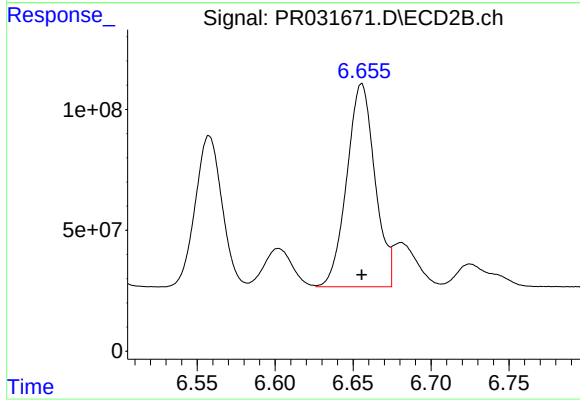
#29 AR-1254-4

R.T.: 6.558 min  
Delta R.T.: 0.000 min  
Response: 744243976  
Conc: 500.00 ng/ml



#30 AR-1254-5

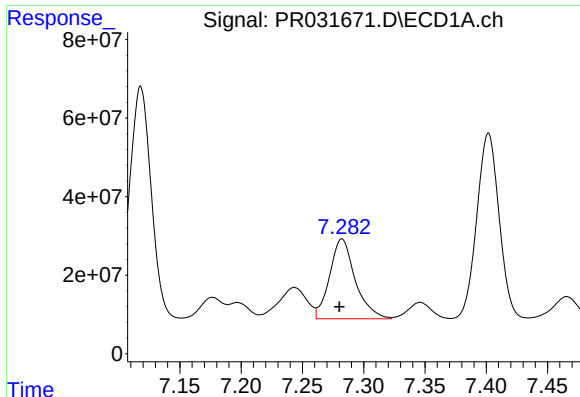
R.T.: 7.674 min  
Delta R.T.: 0.000 min  
Response: 433298103  
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.656 min  
Delta R.T.: 0.000 min  
Response: 1053243817  
Conc: 500.00 ng/ml

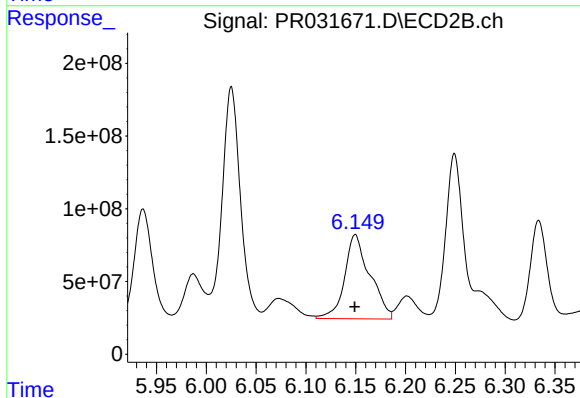




#31 AR-1260-1

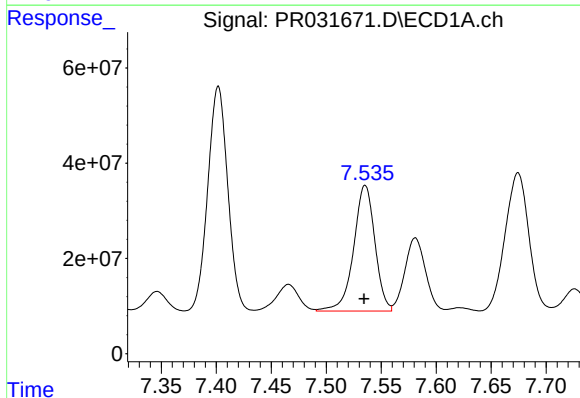
R.T.: 7.282 min  
Delta R.T.: 0.002 min  
Response: 296514449  
Conc: 295.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



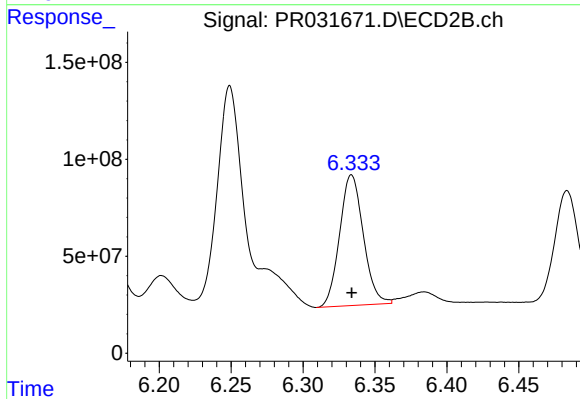
#31 AR-1260-1

R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 1022397403  
Conc: 450.31 ng/ml



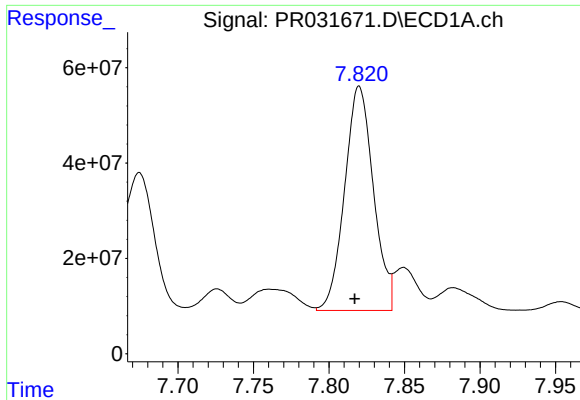
#32 AR-1260-2

R.T.: 7.535 min  
Delta R.T.: 0.001 min  
Response: 355200608  
Conc: 268.26 ng/ml



#32 AR-1260-2

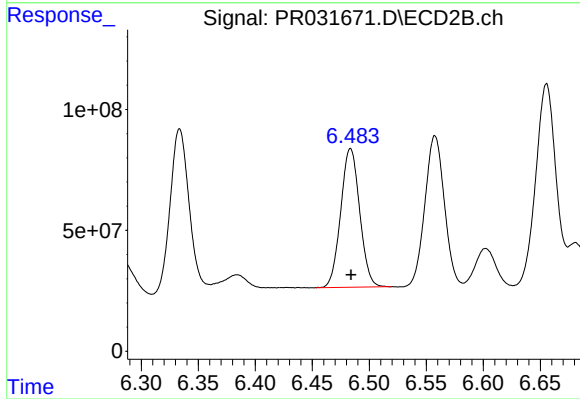
R.T.: 6.334 min  
Delta R.T.: 0.000 min  
Response: 774518879  
Conc: 277.91 ng/ml



#33 AR-1260-3

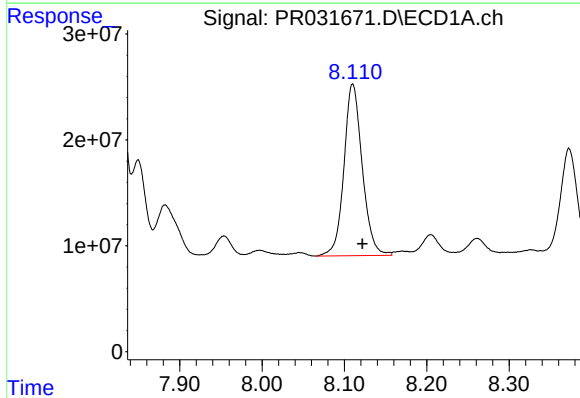
R.T.: 7.820 min  
Delta R.T.: 0.003 min  
Response: 624047918  
Conc: 404.28 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



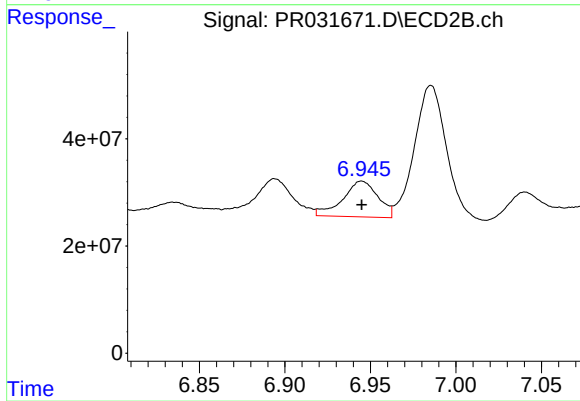
#33 AR-1260-3

R.T.: 6.484 min  
Delta R.T.: 0.000 min  
Response: 664293829  
Conc: 295.96 ng/ml



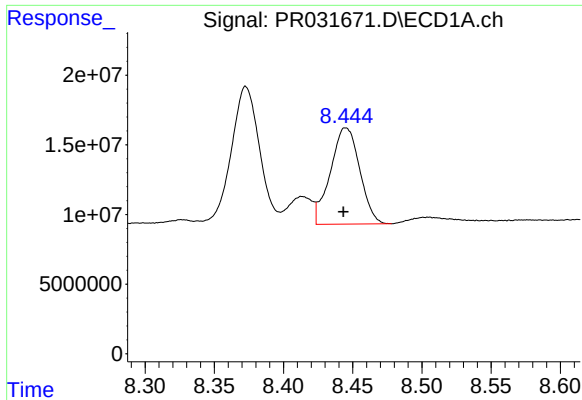
#34 AR-1260-4

R.T.: 8.110 min  
Delta R.T.: -0.012 min  
Response: 250584937  
Conc: 223.23 ng/ml



#34 AR-1260-4

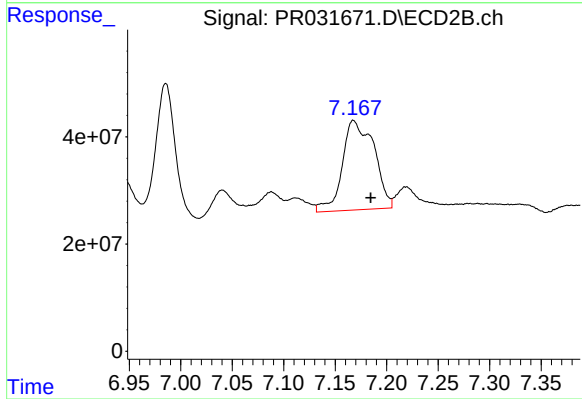
R.T.: 6.945 min  
Delta R.T.: 0.000 min  
Response: 95881577  
Conc: 69.42 ng/ml



#35 AR-1260-5

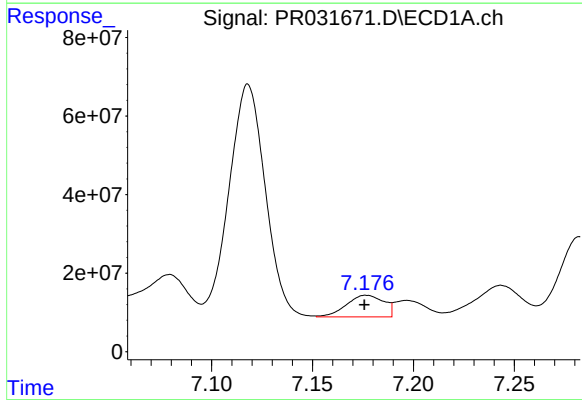
R.T.: 8.445 min  
Delta R.T.: 0.002 min  
Response: 101979688  
Conc: 39.35 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



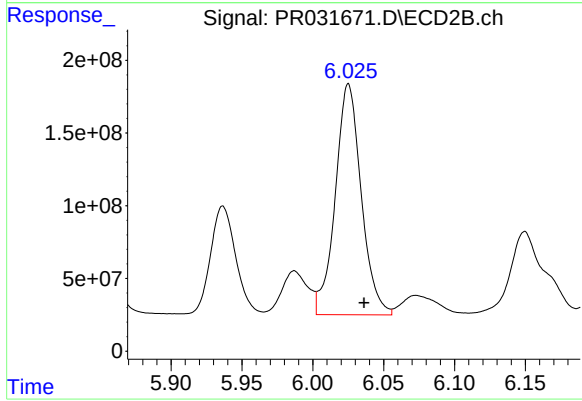
#35 AR-1260-5

R.T.: 7.168 min  
Delta R.T.: -0.017 min  
Response: 357586123  
Conc: 121.51 ng/ml



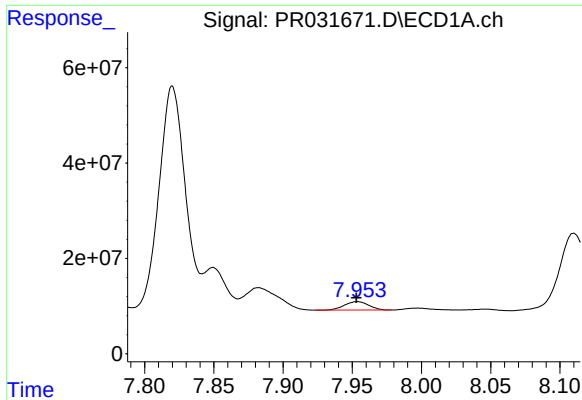
#36 AR-1262-1

R.T.: 7.177 min  
Delta R.T.: 0.000 min  
Response: 71129347  
Conc: 120.19 ng/ml



#36 AR-1262-1

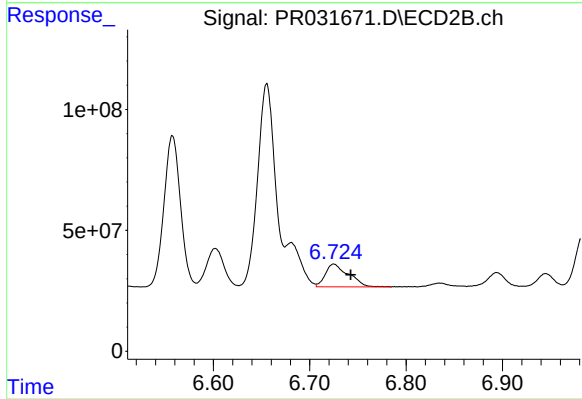
R.T.: 6.025 min  
Delta R.T.: -0.011 min  
Response: 2023225574  
Conc: 1425.16 ng/ml



#37 AR-1262-2

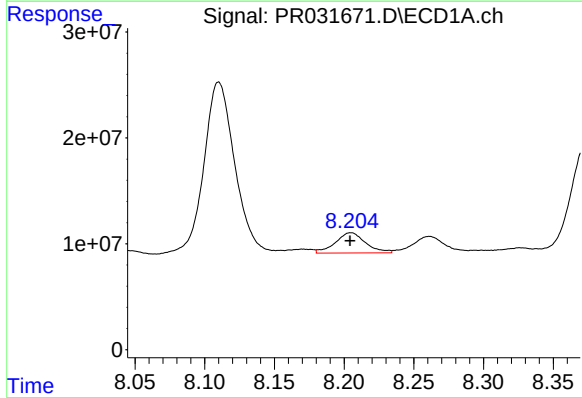
R.T.: 7.954 min  
Delta R.T.: 0.000 min  
Response: 21797440  
Conc: 37.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



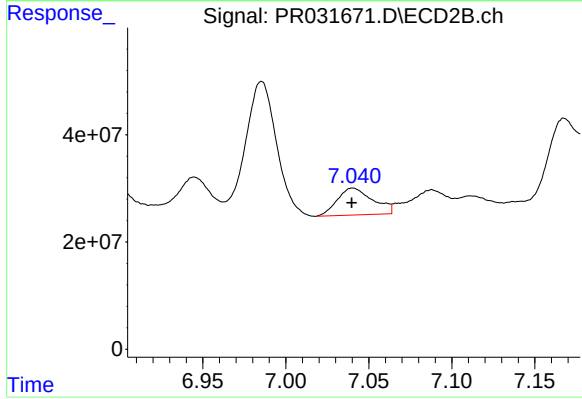
#37 AR-1262-2

R.T.: 6.725 min  
Delta R.T.: -0.017 min  
Response: 158042170  
Conc: 147.31 ng/ml



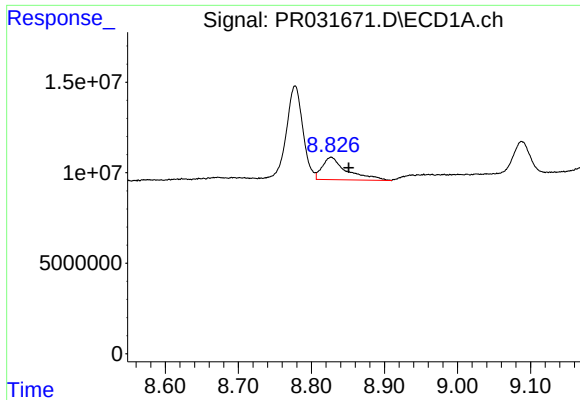
#38 AR-1262-3

R.T.: 8.205 min  
Delta R.T.: 0.000 min  
Response: 28860296  
Conc: 55.71 ng/ml



#38 AR-1262-3

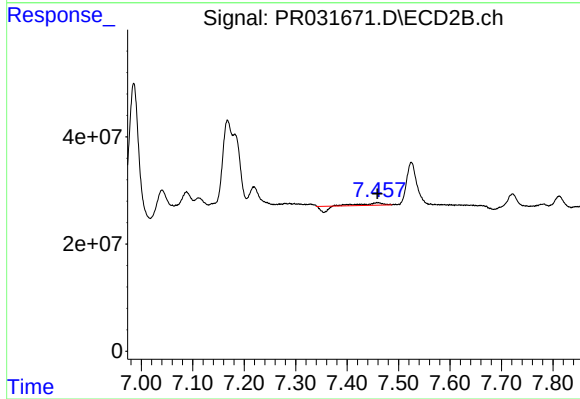
R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 75205871  
Conc: 90.02 ng/ml



#39 AR-1262-4

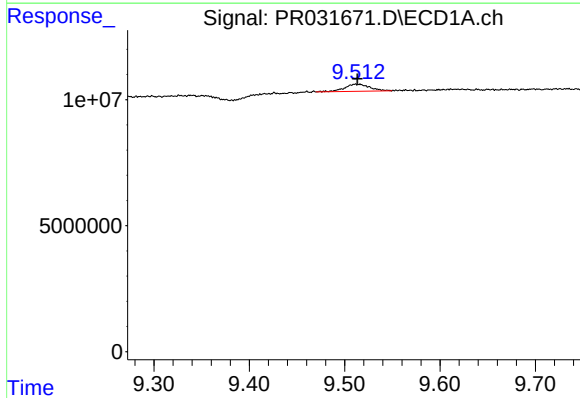
R.T.: 8.827 min  
Delta R.T.: -0.024 min  
Response: 29157418  
Conc: 19.05 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



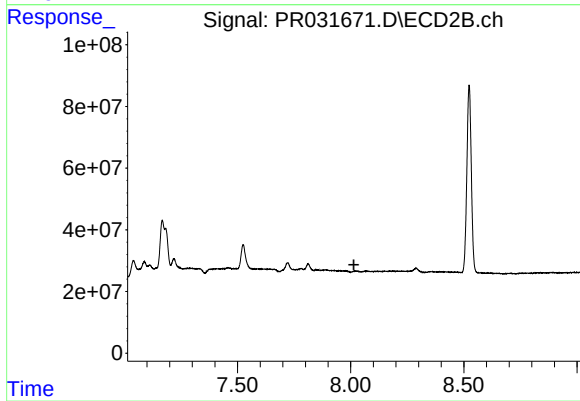
#39 AR-1262-4

R.T.: 7.458 min  
Delta R.T.: 0.000 min  
Response: 4437027  
Conc: 3.82 ng/ml



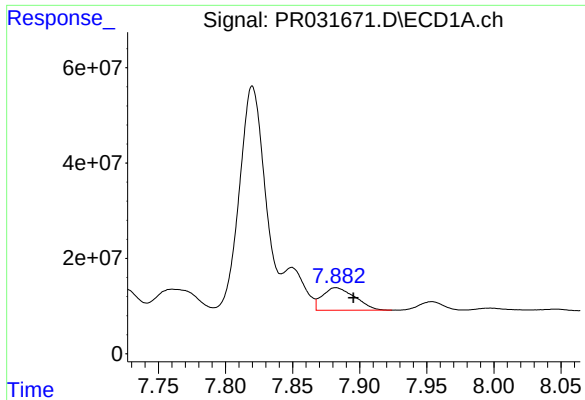
#40 AR-1262-5

R.T.: 9.511 min  
Delta R.T.: -0.002 min  
Response: 5257276  
Conc: 4.68 ng/ml



#40 AR-1262-5

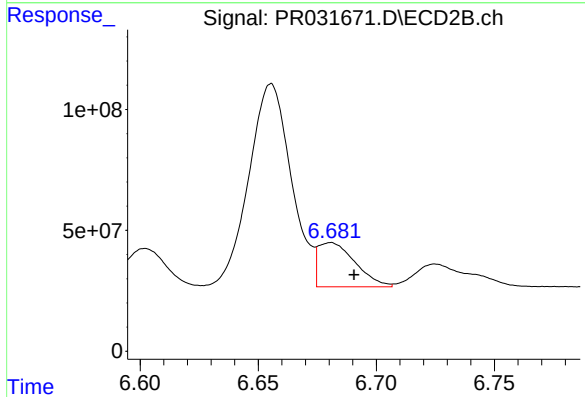
R.T.: 0.000 min  
Exp R.T.: 8.014 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

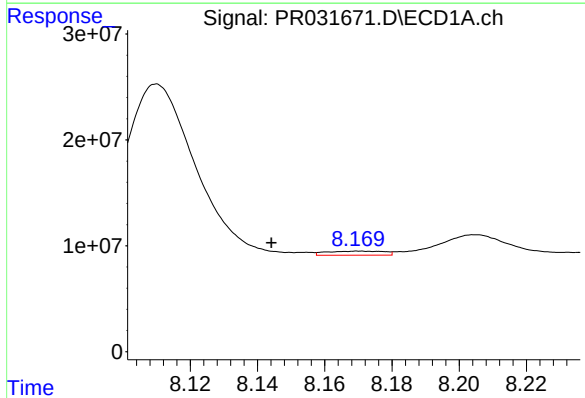
R.T.: 7.882 min  
Delta R.T.: -0.013 min  
Response: 80066153  
Conc: 138.16 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



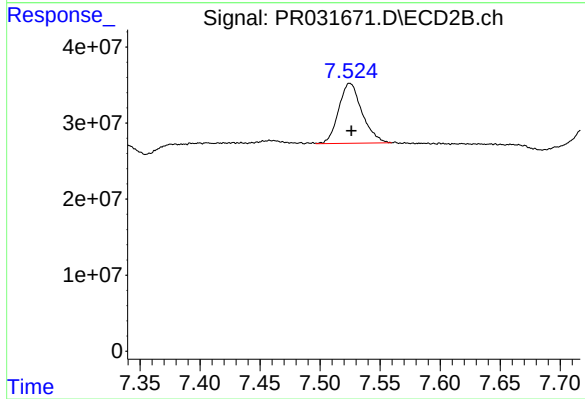
#41 AR-1268-1

R.T.: 6.681 min  
Delta R.T.: -0.010 min  
Response: 199644512  
Conc: 192.53 ng/ml



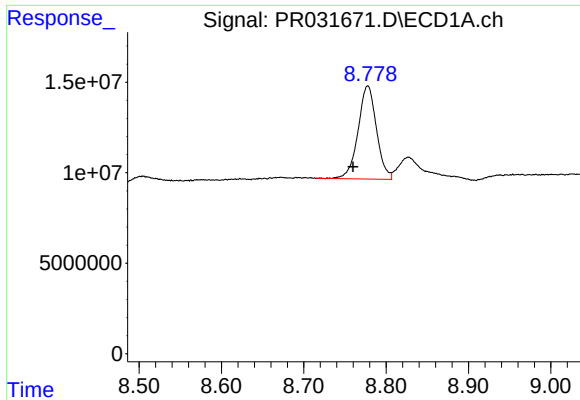
#42 AR-1268-2

R.T.: 8.170 min  
Delta R.T.: 0.026 min  
Response: 4643626  
Conc: 5.74 ng/ml



#42 AR-1268-2

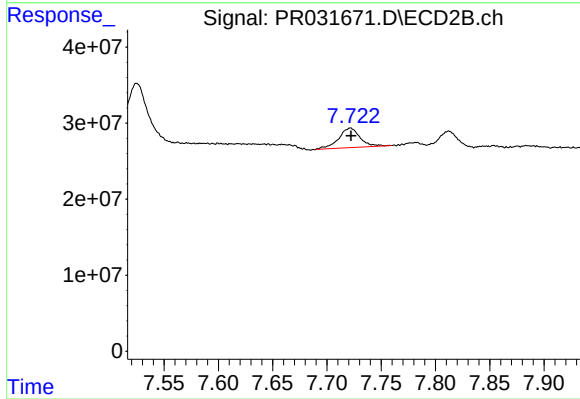
R.T.: 7.525 min  
Delta R.T.: -0.001 min  
Response: 107118424  
Conc: 41.89 ng/ml



#43 AR-1268-3

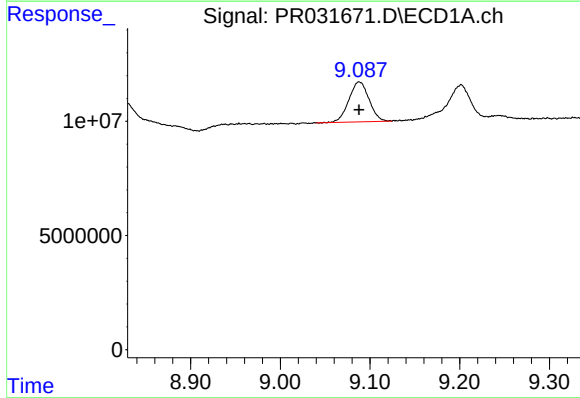
R.T.: 8.778 min  
Delta R.T.: 0.018 min  
Response: 80131476  
Conc: 21.78 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



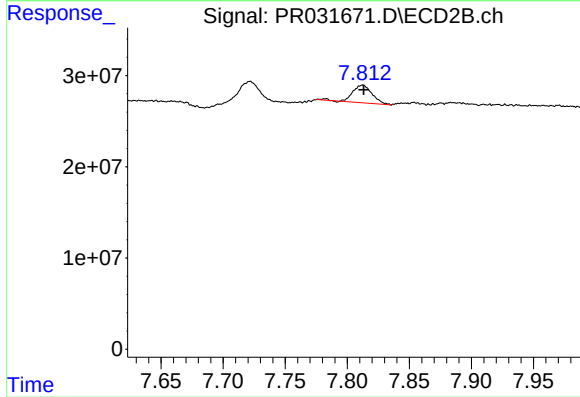
#43 AR-1268-3

R.T.: 7.722 min  
Delta R.T.: 0.000 min  
Response: 35757450  
Conc: 16.50 ng/ml



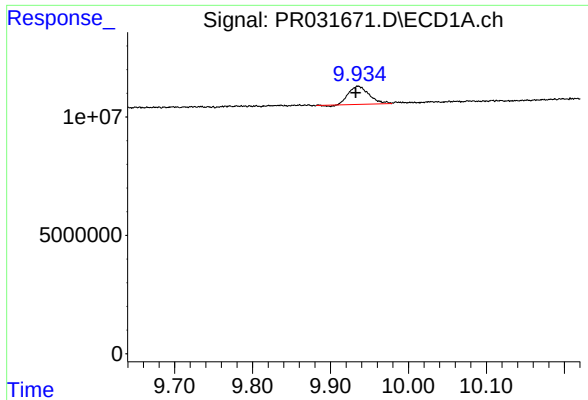
#44 AR-1268-4

R.T.: 9.088 min  
Delta R.T.: 0.000 min  
Response: 27418780  
Conc: 9.28 ng/ml



#44 AR-1268-4

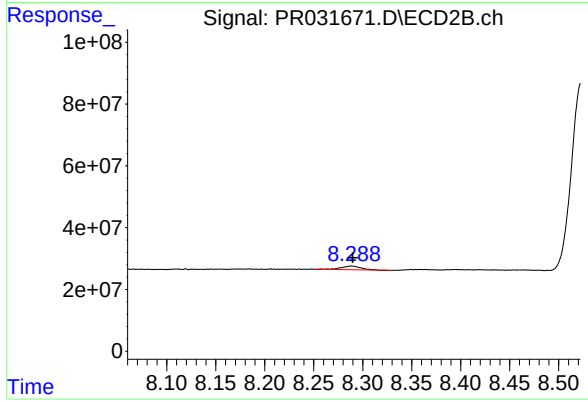
R.T.: 7.812 min  
Delta R.T.: 0.000 min  
Response: 21277167  
Conc: 32.90 ng/ml



#45 AR-1268-5

R.T.: 9.935 min  
Delta R.T.: 0.003 min  
Response: 13811447  
Conc: 1.57 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.289 min  
Delta R.T.: 0.000 min  
Response: 16672689  
Conc: 2.76 ng/ml