

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR111319\  
 Data File : PR043051.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2019 18:37  
 Operator : SM\AJ  
 Sample : K5684-08DL 5X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 3BDL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:50:34 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR110119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 01 09:55:27 2019  
 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... | 4.714  | 3.974 | 17816765 | 64721379 | 3.023    | 3.228      |
| 2)                          | SA Decachlor... | 10.627 | 9.070 | 18506594 | 50139622 | 4.624    | 3.990      |
| Target Compounds            |                 |        |       |          |          |          |            |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.305 | 0        | 46855282 | N.D.     | 127.432 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.305 | 0        | 46855282 | N.D.     | 170.916 #  |
| 7)                          | L1 AR-1016-5    | 6.370  | 5.522 | 7662452  | 16969354 | 61.875   | 55.308     |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.305 | 0        | 46855282 | N.D.     | 181.088 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.347 | 0        | 10365263 | N.D.     | 51.586 #   |
| 15)                         | L3 AR-1232-5    | 6.163  | 5.522 | 18511262 | 16969354 | 285.795  | 83.580 #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.305 | 0        | 46855282 | N.D.     | 172.508 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.347 | 0        | 10365263 | N.D.     | 43.980 #   |
| 20)                         | L4 AR-1242-5    | 6.817  | 5.875 | 25489605 | 306.6E6  | 254.987  | 1039.661 # |
| 22)                         | L5 AR-1248-2    | 6.163  | 5.305 | 18511262 | 46855282 | 140.464  | 141.187    |
| 23)                         | L5 AR-1248-3    | 6.370  | 5.347 | 7662452  | 10365263 | 51.741   | 31.587 #   |
| 24)                         | L5 AR-1248-4    | 6.774  | 5.522 | 34064664 | 16969354 | 199.490  | 47.294 #   |
| 25)                         | L5 AR-1248-5    | 6.817  | 5.916 | 25489605 | 34511009 | 157.179  | 89.028 #   |
| 26)                         | L6 AR-1254-1    | 6.748  | 5.875 | 103.8E6  | 306.6E6  | 556.325  | 486.576    |
| 27)                         | L6 AR-1254-2    | 6.964  | 6.022 | 249.2E6  | 537.9E6  | 853.632  | 920.636    |
| 28)                         | L6 AR-1254-3    | 7.335  | 6.429 | 323.3E6  | 1461.2E6 | 1026.433 | 1420.028 # |
| 29)                         | L6 AR-1254-4    | 7.620  | 6.656 | 309.6E6  | 878.9E6  | 1320.857 | 1152.471   |
| 30)                         | L6 AR-1254-5    | 8.040  | 7.074 | 886.7E6  | 2274.4E6 | 3526.820 | 2467.278 # |
| 31)                         | L7 AR-1260-1    | 7.497  | 6.558 | 441.0E6  | 1208.0E6 | 2120.990 | 1993.120   |
| 32)                         | L7 AR-1260-2    | 7.752  | 6.745 | 672.2E6  | 2052.3E6 | 2749.579 | 2373.477   |
| 33)                         | L7 AR-1260-3    | 8.114  | 6.901 | 646.1E6  | 1438.4E6 | 3574.411 | 2025.336 # |
| 34)                         | L7 AR-1260-4    | 8.352  | 7.373 | 733.3E6  | 1583.9E6 | 3513.698 | 2712.927   |
| 35)                         | L7 AR-1260-5    | 8.690  | 7.613 | 1225.6E6 | 4298.8E6 | 2956.165 | 2664.588   |
| 36)                         | L8 AR-1262-1    | 8.114  | 7.166 | 646.1E6  | 833.9E6  | 2189.620 | 1919.417   |
| 37)                         | L8 AR-1262-2    | 8.690  | 7.613 | 1225.6E6 | 4298.8E6 | 2200.748 | 2056.924   |
| 38)                         | L8 AR-1262-3    | 9.022  | 7.898 | 851.3E6  | 1609.6E6 | 2382.314 | 1919.213   |
| 39)                         | L8 AR-1262-4    | 9.118  | 7.962 | 551.1E6  | 2855.0E6 | 4067.257 | 2023.837 # |
| 40)                         | L8 AR-1262-5    | 9.821  | 8.477 | 409.4E6  | 1298.3E6 | 2235.159 | 1994.916   |
| 41)                         | L9 AR-1268-1    | 9.022  | 7.898 | 851.3E6  | 1609.6E6 | 1341.579 | 662.867 #  |
| 42)                         | L9 AR-1268-2    | 9.118  | 7.962 | 551.1E6  | 2855.0E6 | 957.321  | 1328.881 # |
| 43)                         | L9 AR-1268-3    | 9.364  | 8.175 | 25579988 | 67306789 | 54.280   | 37.104 #   |
| 44)                         | L9 AR-1268-4    | 9.821  | 8.477 | 409.4E6  | 1298.3E6 | 1995.056 | 1790.838   |
| 45)                         | L9 AR-1268-5    | 10.264 | 8.792 | 117.8E6  | 342.0E6  | 75.226   | 66.391     |
| -----                       |                 |        |       |          |          |          |            |

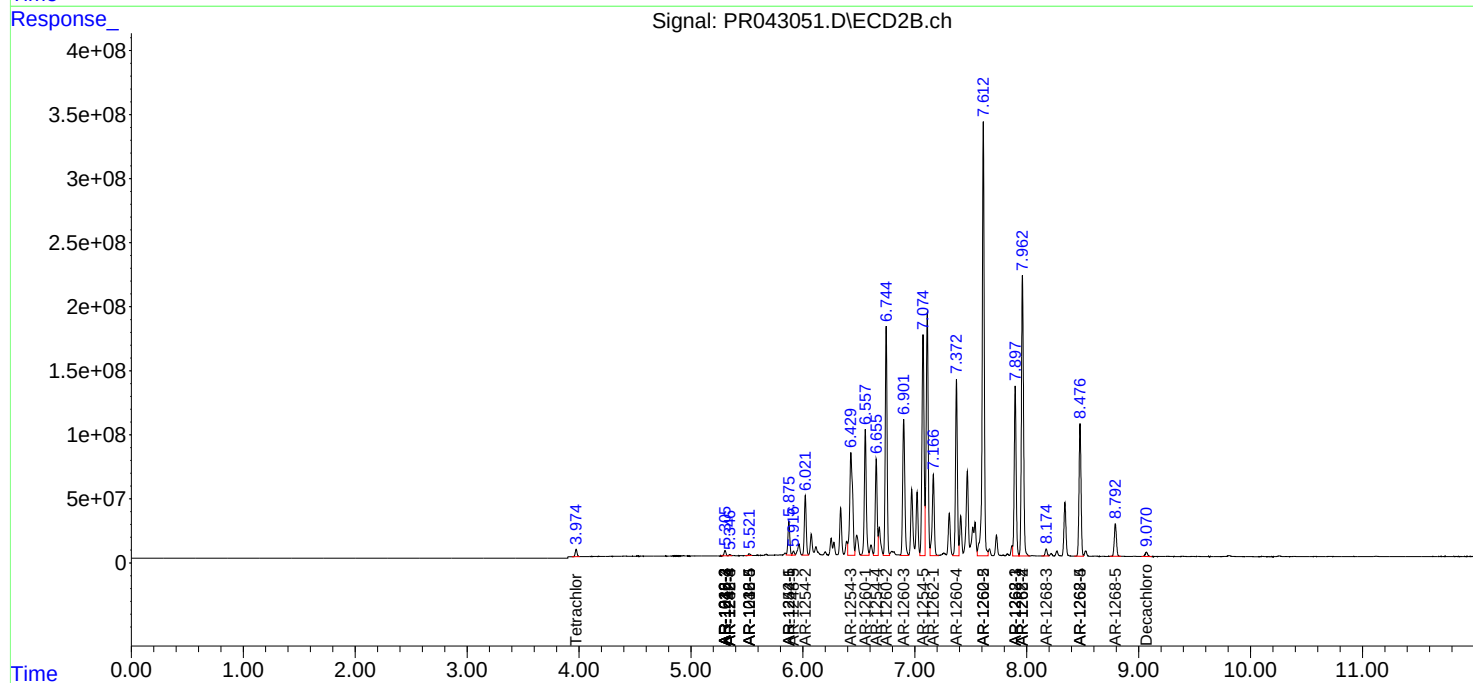
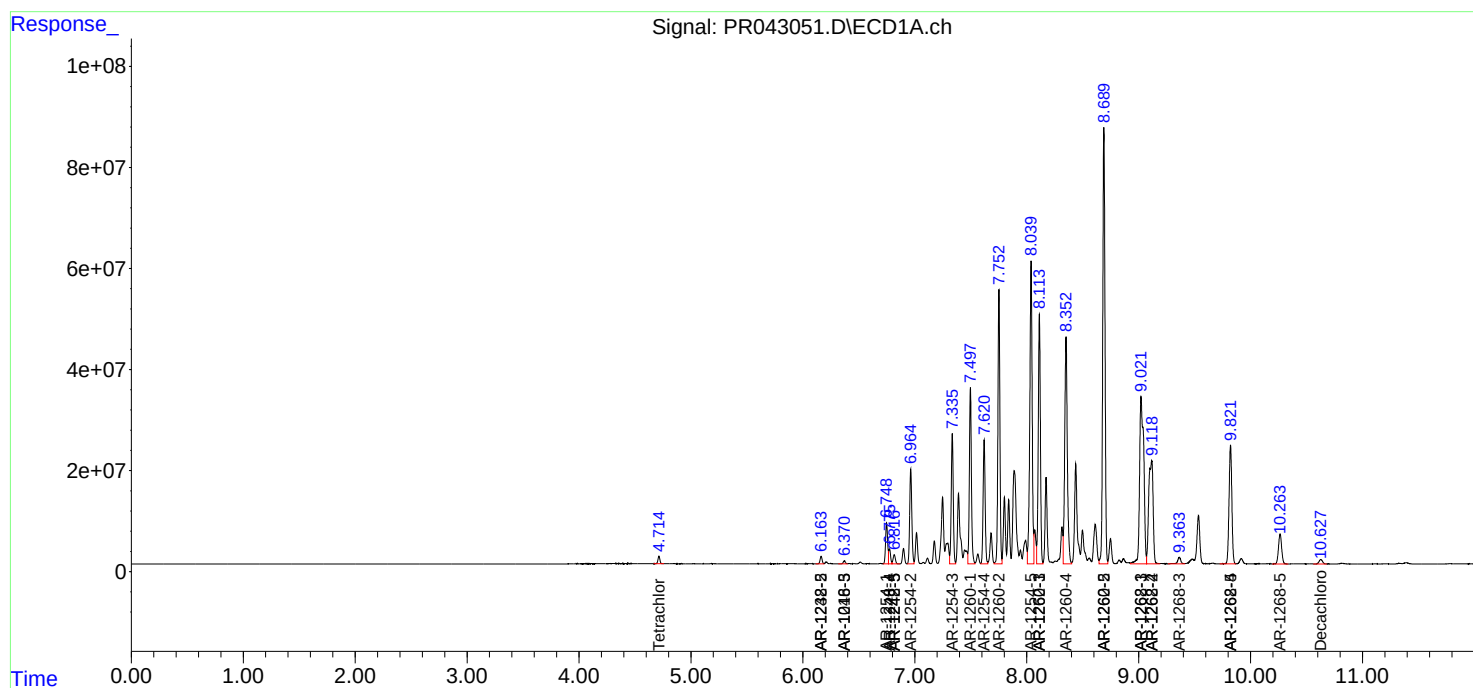
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

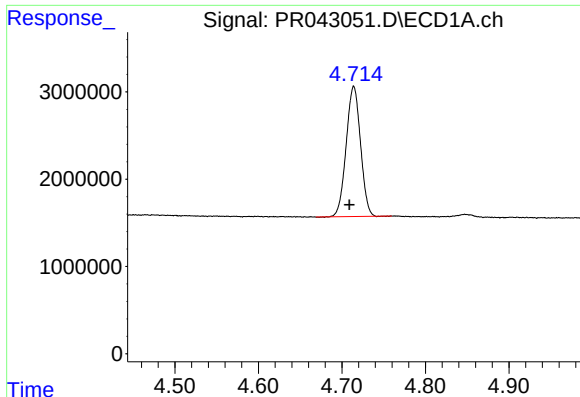
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR111319\  
Data File : PR043051.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2019 18:37  
Operator : SM\AJ  
Sample : K5684-08DL 5X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:50:34 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR110119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 01 09:55:27 2019  
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

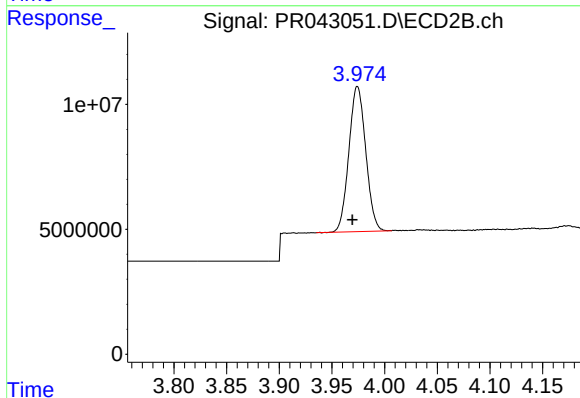




#1 Tetrachloro-m-xylene

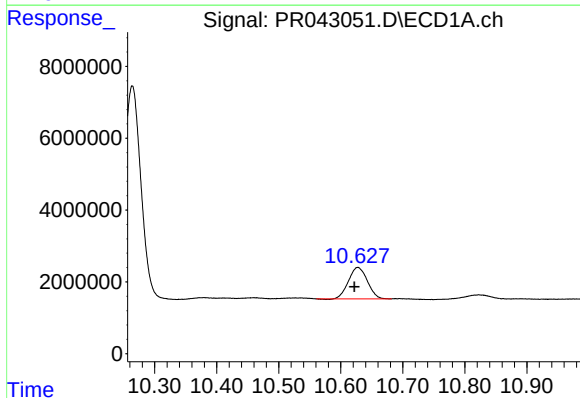
R.T.: 4.714 min  
Delta R.T.: 0.005 min  
Response: 17816765  
Conc: 3.02 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



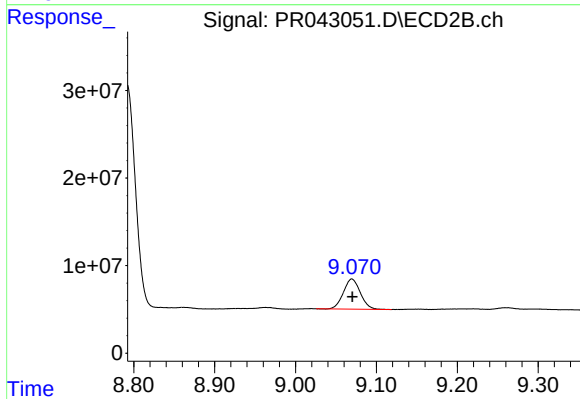
#1 Tetrachloro-m-xylene

R.T.: 3.974 min  
Delta R.T.: 0.005 min  
Response: 64721379  
Conc: 3.23 ng/ml



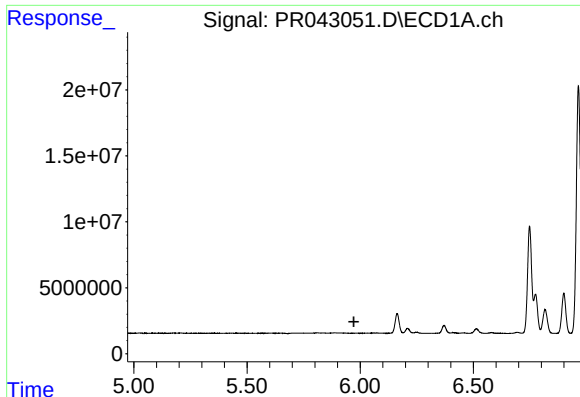
#2 Decachlorobiphenyl

R.T.: 10.627 min  
Delta R.T.: 0.005 min  
Response: 18506594  
Conc: 4.62 ng/ml



#2 Decachlorobiphenyl

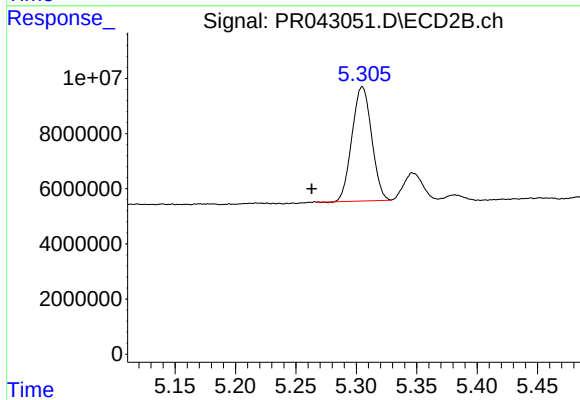
R.T.: 9.070 min  
Delta R.T.: 0.000 min  
Response: 50139622  
Conc: 3.99 ng/ml



#5 AR-1016-3

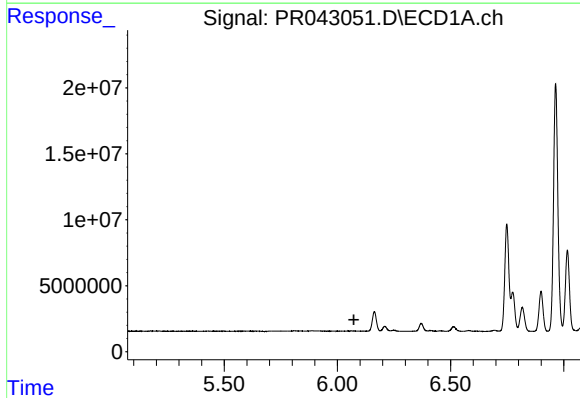
R.T.: 0.000 min  
Exp R.T.: 5.972 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



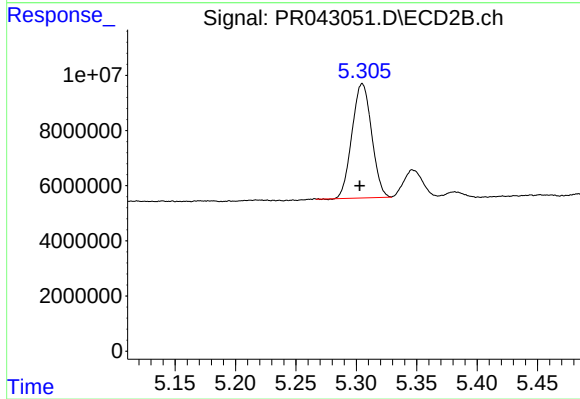
#5 AR-1016-3

R.T.: 5.305 min  
Delta R.T.: 0.042 min  
Response: 46855282  
Conc: 127.43 ng/ml



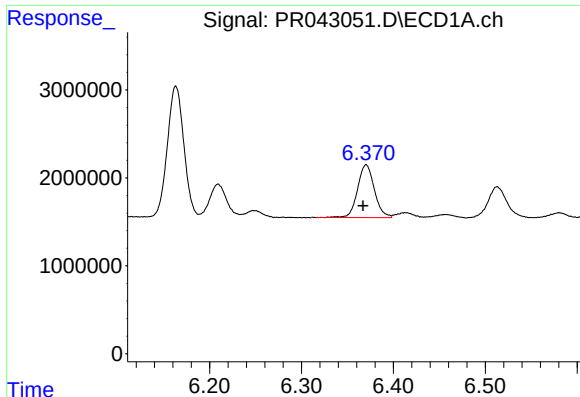
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.073 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

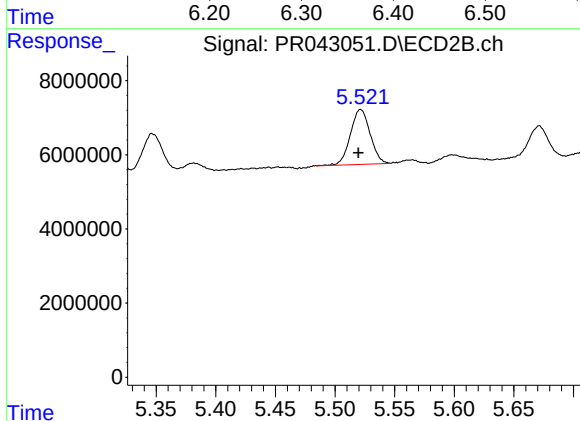
R.T.: 5.305 min  
Delta R.T.: 0.002 min  
Response: 46855282  
Conc: 170.92 ng/ml



#7 AR-1016-5

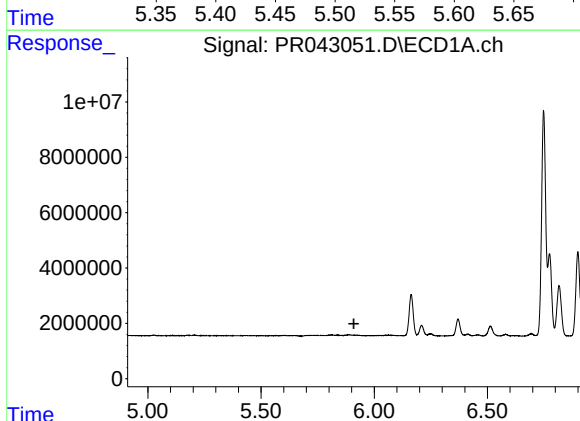
R.T.: 6.370 min  
Delta R.T.: 0.004 min  
Response: 7662452  
Conc: 61.87 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



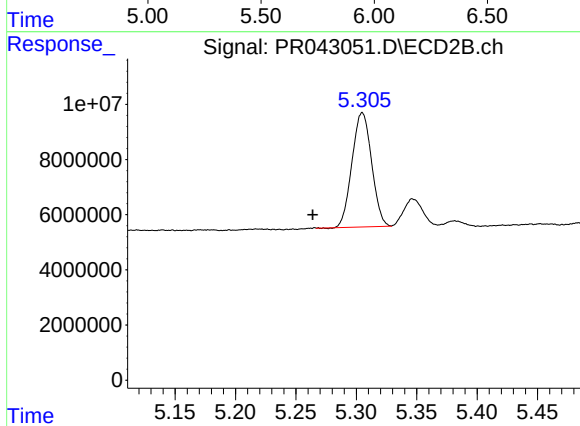
#7 AR-1016-5

R.T.: 5.522 min  
Delta R.T.: 0.002 min  
Response: 16969354  
Conc: 55.31 ng/ml



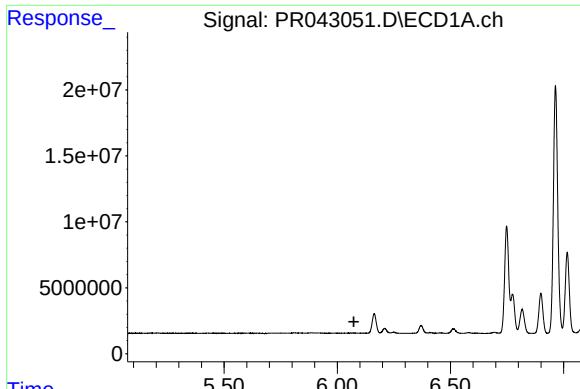
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.910 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

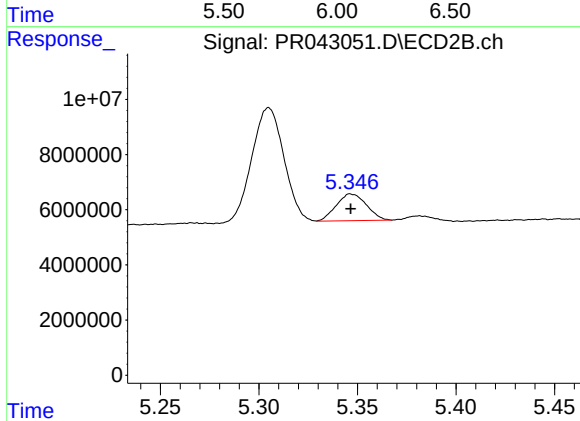
R.T.: 5.305 min  
Delta R.T.: 0.041 min  
Response: 46855282  
Conc: 181.09 ng/ml



#14 AR-1232-4

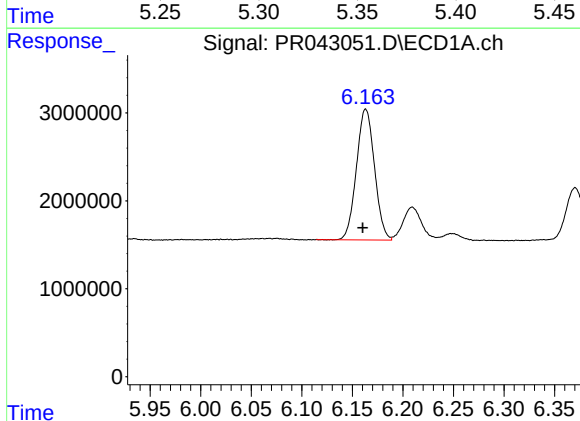
R.T.: 0.000 min  
Exp R.T.: 6.074 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



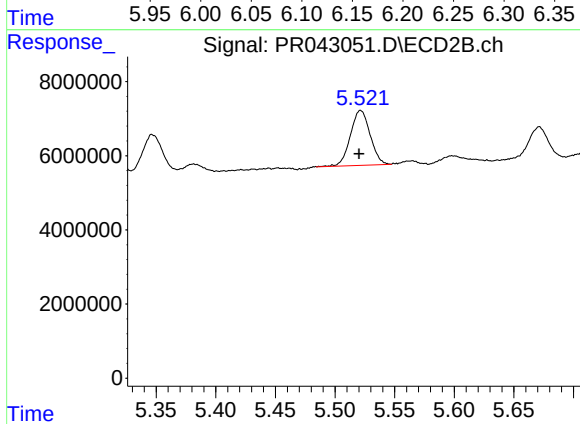
#14 AR-1232-4

R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 10365263  
Conc: 51.59 ng/ml



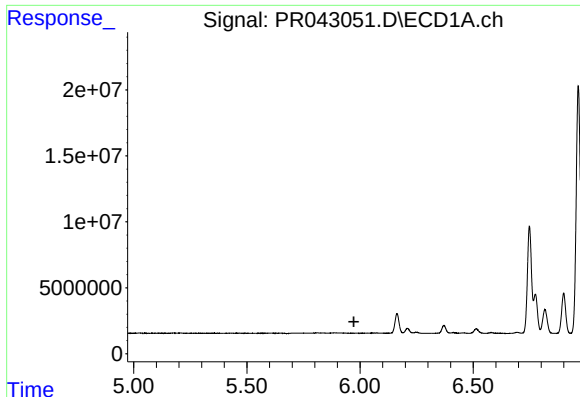
#15 AR-1232-5

R.T.: 6.163 min  
Delta R.T.: 0.003 min  
Response: 18511262  
Conc: 285.79 ng/ml



#15 AR-1232-5

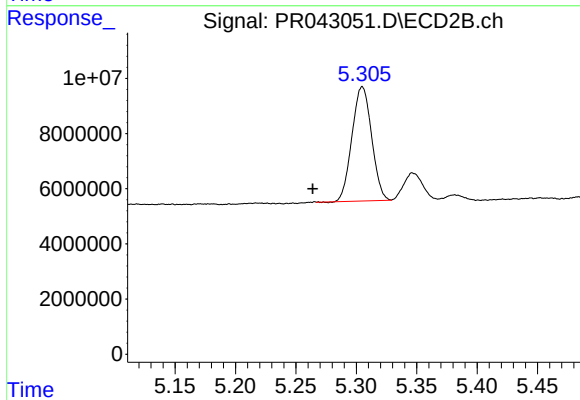
R.T.: 5.522 min  
Delta R.T.: 0.001 min  
Response: 16969354  
Conc: 83.58 ng/ml



#18 AR-1242-3

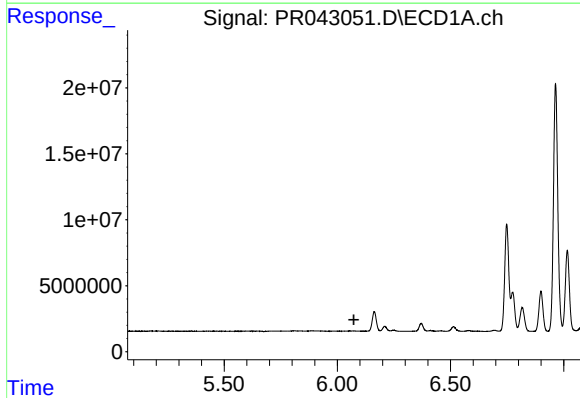
R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



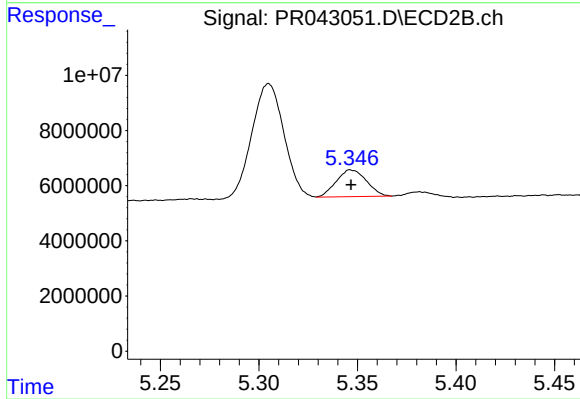
#18 AR-1242-3

R.T.: 5.305 min  
Delta R.T.: 0.041 min  
Response: 46855282  
Conc: 172.51 ng/ml



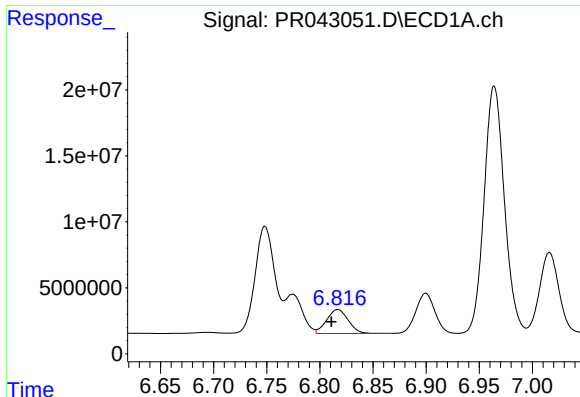
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 6.073 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

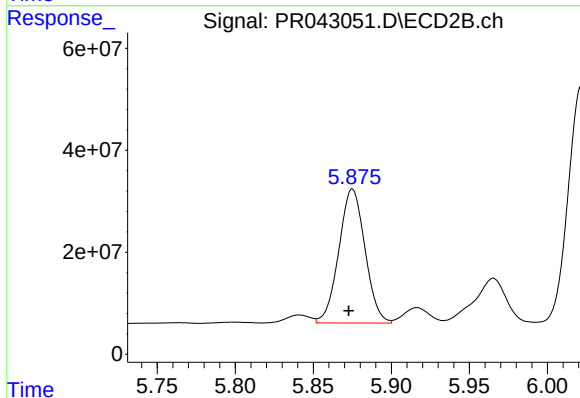
R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 10365263  
Conc: 43.98 ng/ml



#20 AR-1242-5

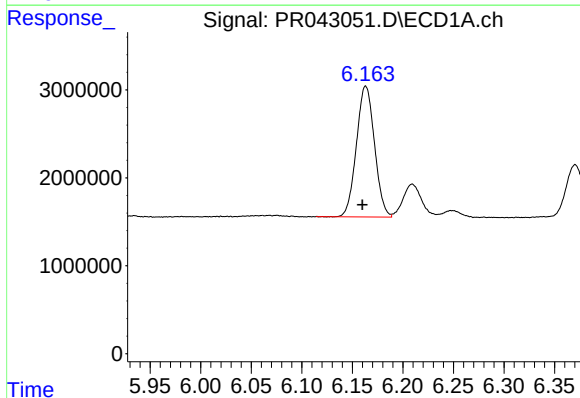
R.T.: 6.817 min  
Delta R.T.: 0.006 min  
Response: 25489605  
Conc: 254.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



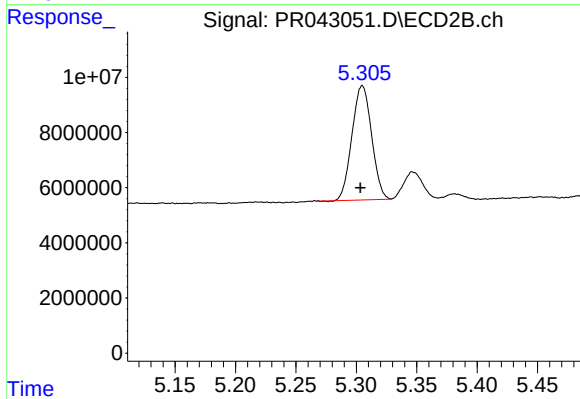
#20 AR-1242-5

R.T.: 5.875 min  
Delta R.T.: 0.002 min  
Response: 306628707  
Conc: 1039.66 ng/ml



#22 AR-1248-2

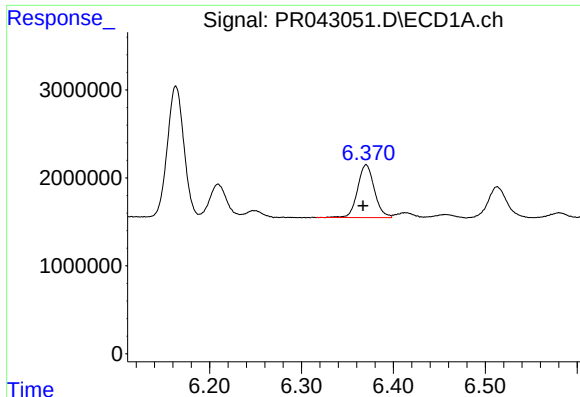
R.T.: 6.163 min  
Delta R.T.: 0.003 min  
Response: 18511262  
Conc: 140.46 ng/ml



#22 AR-1248-2

R.T.: 5.305 min  
Delta R.T.: 0.002 min  
Response: 46855282  
Conc: 141.19 ng/ml

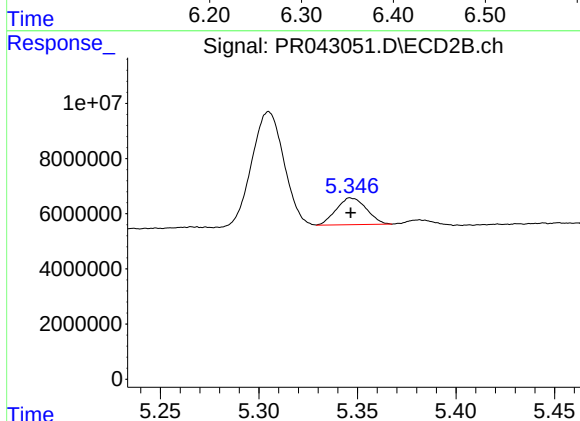




#23 AR-1248-3

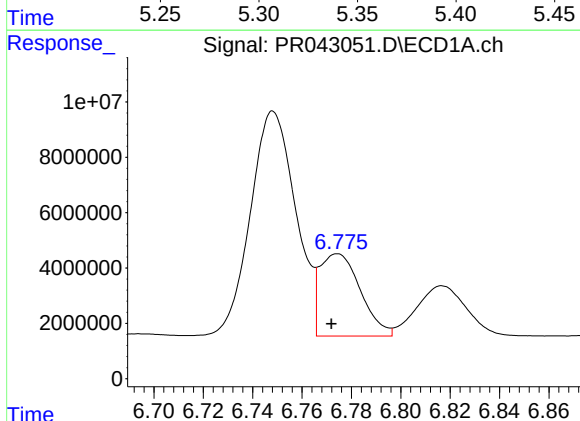
R.T.: 6.370 min  
Delta R.T.: 0.003 min  
Response: 7662452  
Conc: 51.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



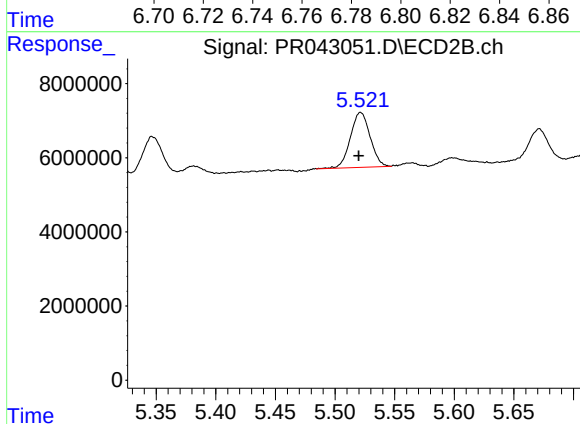
#23 AR-1248-3

R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 10365263  
Conc: 31.59 ng/ml



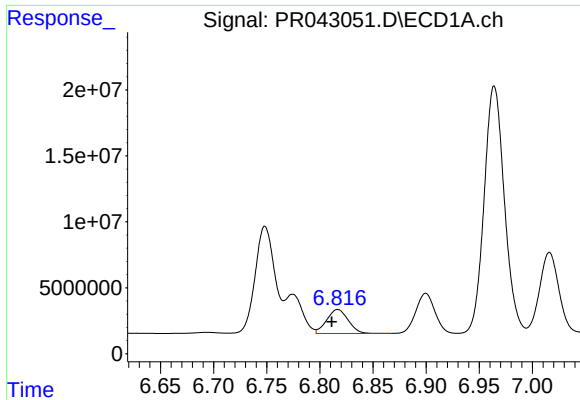
#24 AR-1248-4

R.T.: 6.774 min  
Delta R.T.: 0.002 min  
Response: 34064664  
Conc: 199.49 ng/ml



#24 AR-1248-4

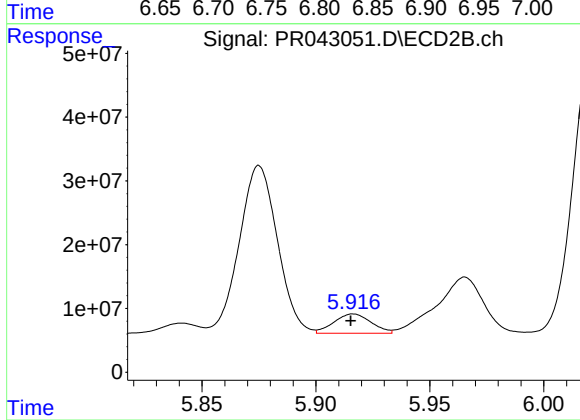
R.T.: 5.522 min  
Delta R.T.: 0.002 min  
Response: 16969354  
Conc: 47.29 ng/ml



#25 AR-1248-5

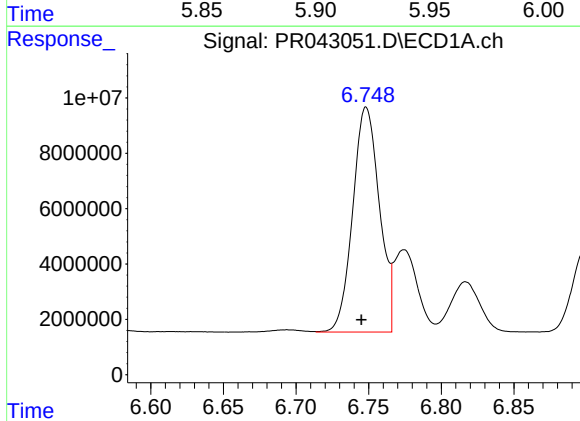
R.T.: 6.817 min  
Delta R.T.: 0.006 min  
Response: 25489605  
Conc: 157.18 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



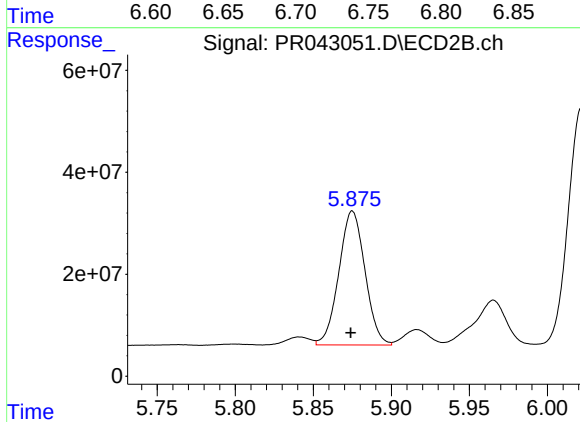
#25 AR-1248-5

R.T.: 5.916 min  
Delta R.T.: 0.001 min  
Response: 34511009  
Conc: 89.03 ng/ml



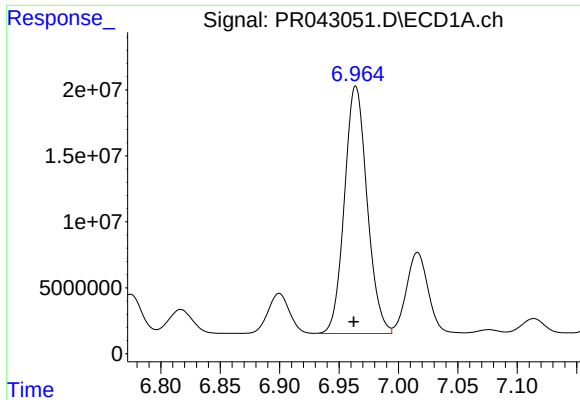
#26 AR-1254-1

R.T.: 6.748 min  
Delta R.T.: 0.003 min  
Response: 103847004  
Conc: 556.33 ng/ml



#26 AR-1254-1

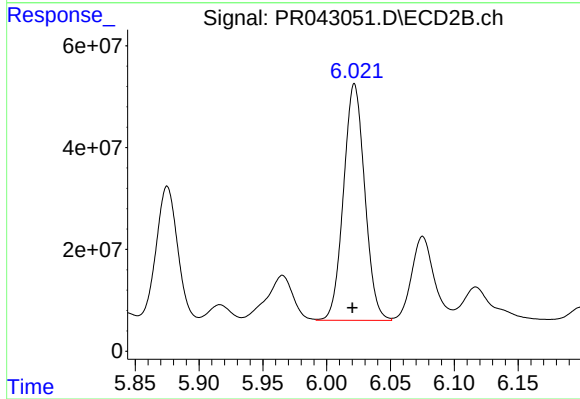
R.T.: 5.875 min  
Delta R.T.: 0.000 min  
Response: 306628707  
Conc: 486.58 ng/ml



#27 AR-1254-2

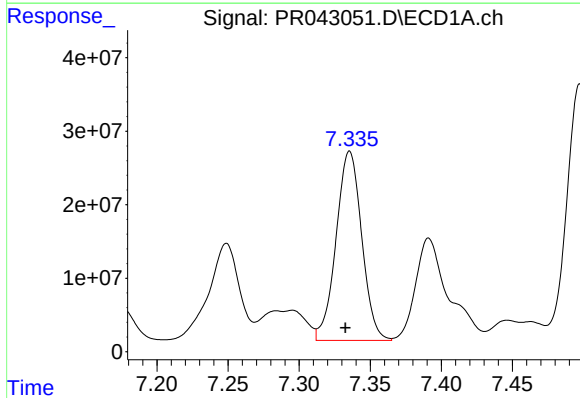
R.T.: 6.964 min  
Delta R.T.: 0.002 min  
Response: 249185221  
Conc: 853.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



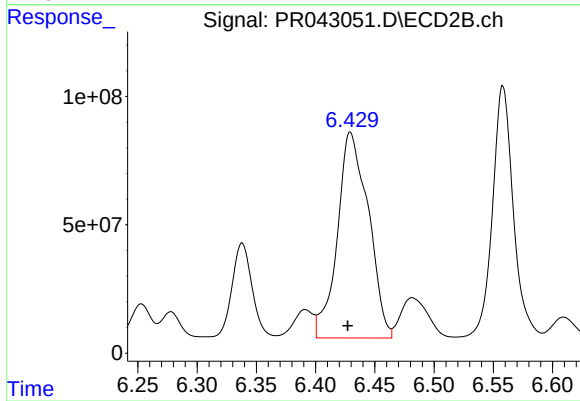
#27 AR-1254-2

R.T.: 6.022 min  
Delta R.T.: 0.002 min  
Response: 537863821  
Conc: 920.64 ng/ml



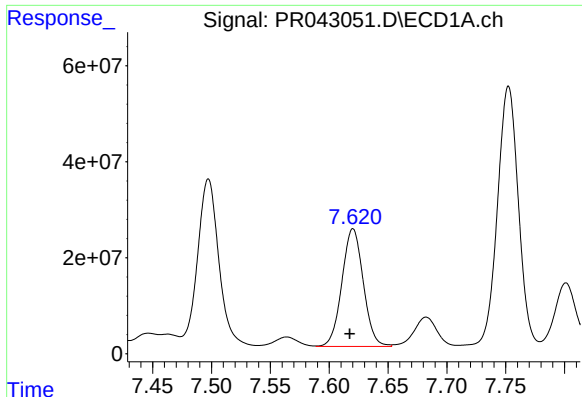
#28 AR-1254-3

R.T.: 7.335 min  
Delta R.T.: 0.003 min  
Response: 323258017  
Conc: 1026.43 ng/ml



#28 AR-1254-3

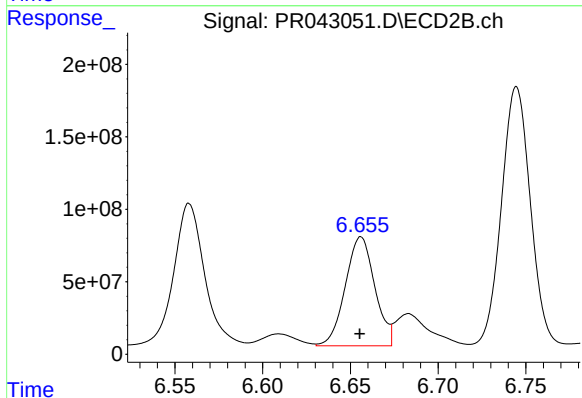
R.T.: 6.429 min  
Delta R.T.: 0.002 min  
Response: 1461164677  
Conc: 1420.03 ng/ml



#29 AR-1254-4

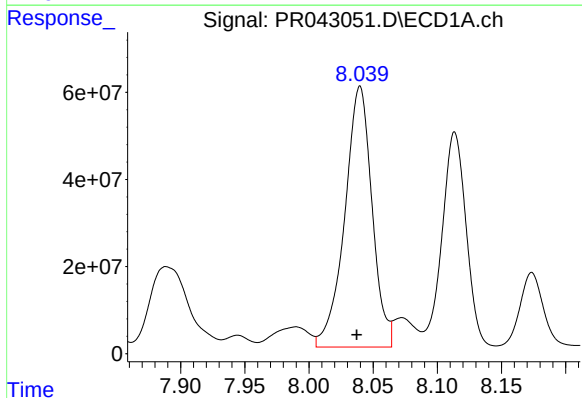
R.T.: 7.620 min  
Delta R.T.: 0.003 min  
Response: 309574505  
Conc: 1320.86 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



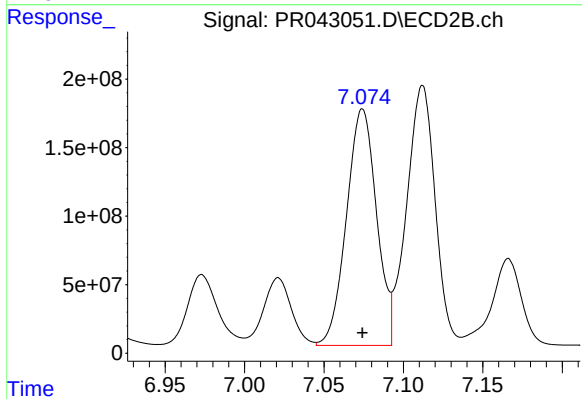
#29 AR-1254-4

R.T.: 6.656 min  
Delta R.T.: 0.000 min  
Response: 878853452  
Conc: 1152.47 ng/ml



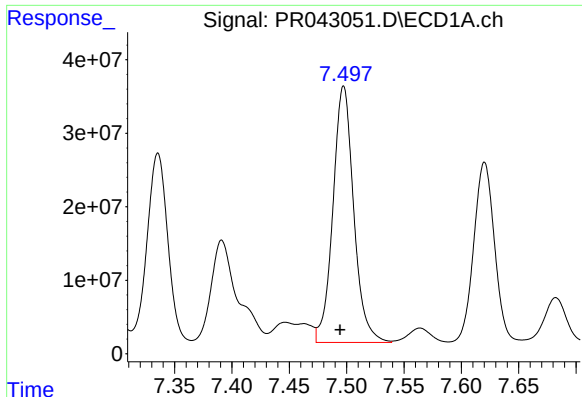
#30 AR-1254-5

R.T.: 8.040 min  
Delta R.T.: 0.003 min  
Response: 886711702  
Conc: 3526.82 ng/ml



#30 AR-1254-5

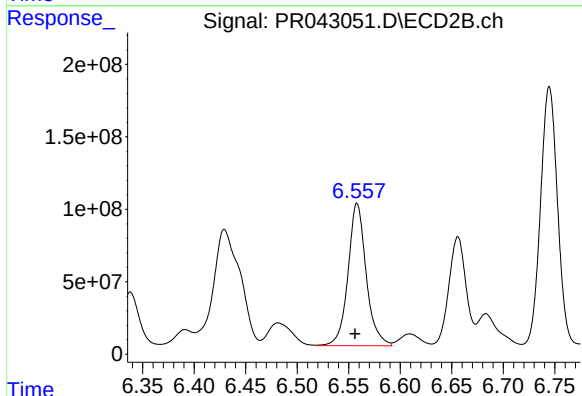
R.T.: 7.074 min  
Delta R.T.: 0.000 min  
Response: 2274389970  
Conc: 2467.28 ng/ml



#31 AR-1260-1

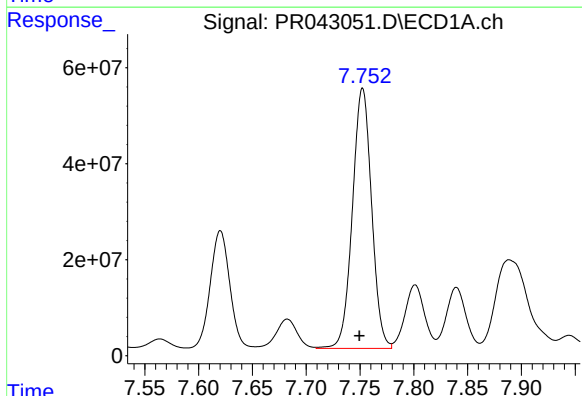
R.T.: 7.497 min  
Delta R.T.: 0.003 min  
Response: 440964601  
Conc: 2120.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



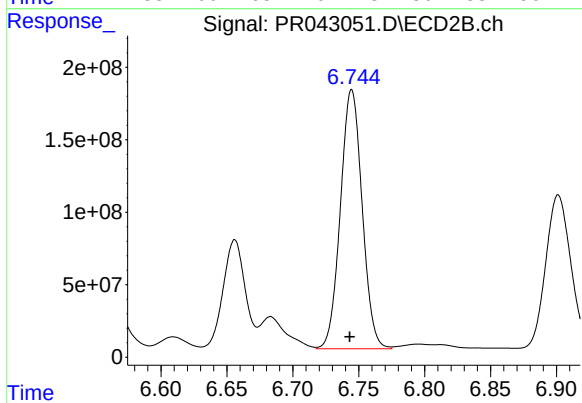
#31 AR-1260-1

R.T.: 6.558 min  
Delta R.T.: 0.002 min  
Response: 1208020615  
Conc: 1993.12 ng/ml



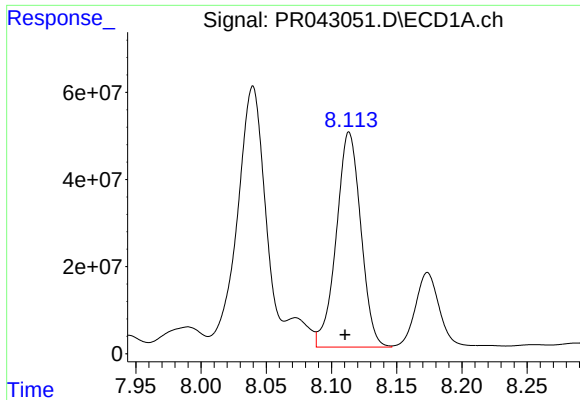
#32 AR-1260-2

R.T.: 7.752 min  
Delta R.T.: 0.003 min  
Response: 672226090  
Conc: 2749.58 ng/ml



#32 AR-1260-2

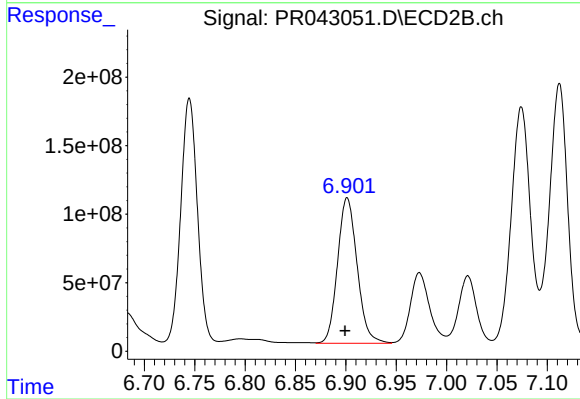
R.T.: 6.745 min  
Delta R.T.: 0.001 min  
Response: 2052305347  
Conc: 2373.48 ng/ml



#33 AR-1260-3

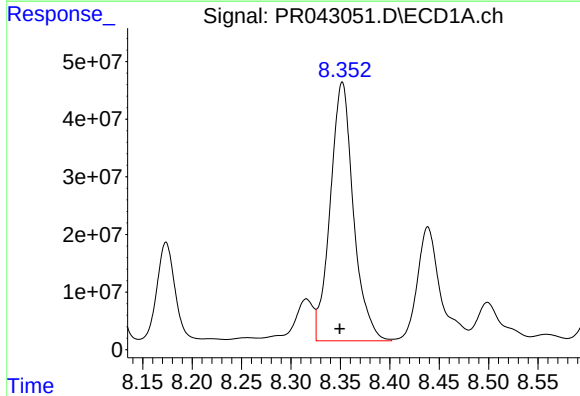
R.T.: 8.114 min  
Delta R.T.: 0.003 min  
Response: 646132554  
Conc: 3574.41 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



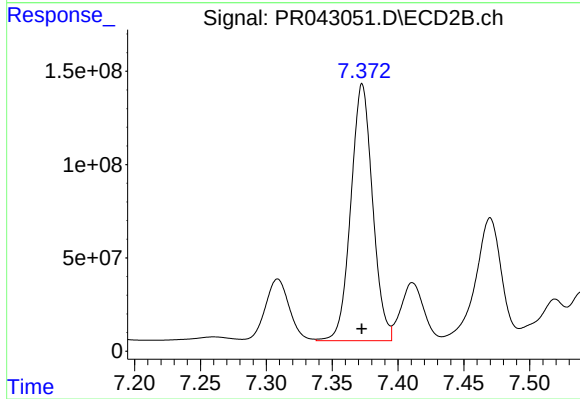
#33 AR-1260-3

R.T.: 6.901 min  
Delta R.T.: 0.002 min  
Response: 1438370016  
Conc: 2025.34 ng/ml



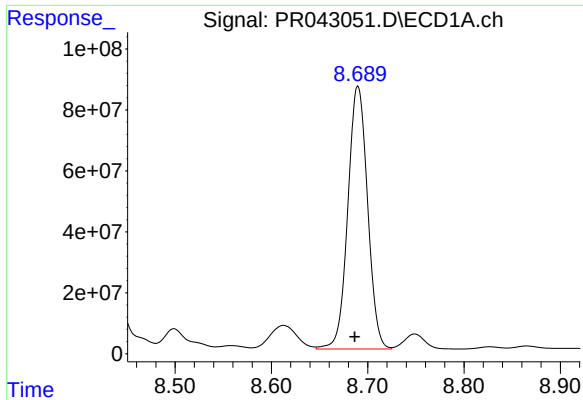
#34 AR-1260-4

R.T.: 8.352 min  
Delta R.T.: 0.003 min  
Response: 733278579  
Conc: 3513.70 ng/ml



#34 AR-1260-4

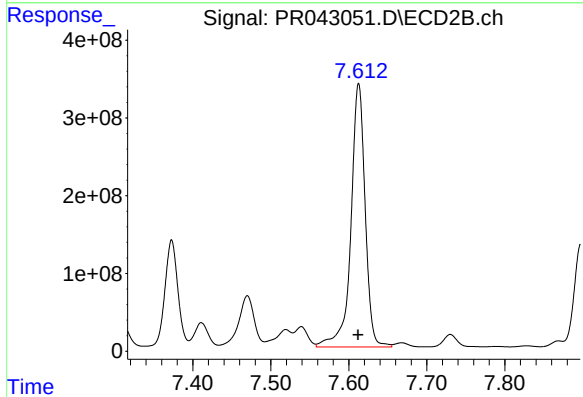
R.T.: 7.373 min  
Delta R.T.: 0.000 min  
Response: 1583880150  
Conc: 2712.93 ng/ml



#35 AR-1260-5

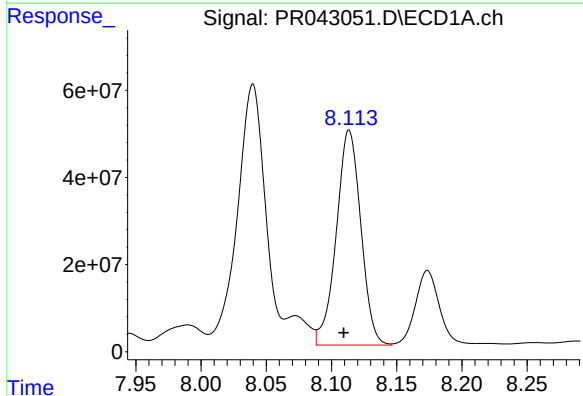
R.T.: 8.690 min  
Delta R.T.: 0.003 min  
Response: 1225631822  
Conc: 2956.17 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



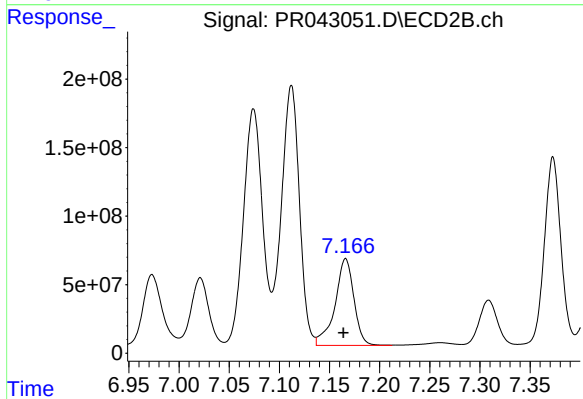
#35 AR-1260-5

R.T.: 7.613 min  
Delta R.T.: 0.000 min  
Response: 4298787068  
Conc: 2664.59 ng/ml



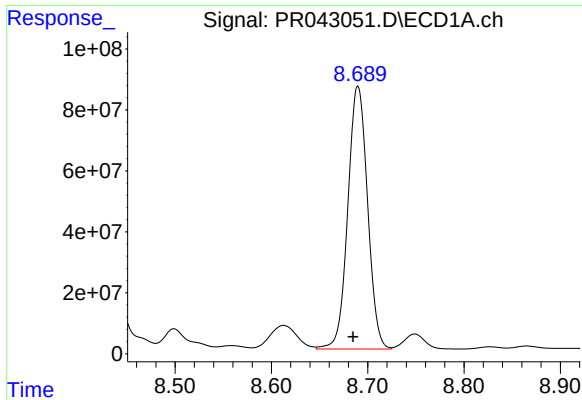
#36 AR-1262-1

R.T.: 8.114 min  
Delta R.T.: 0.004 min  
Response: 646132554  
Conc: 2189.62 ng/ml



#36 AR-1262-1

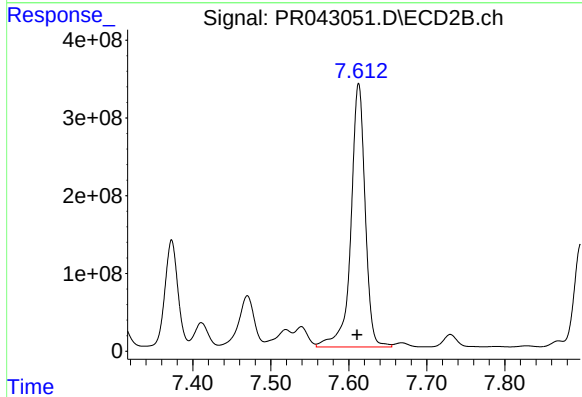
R.T.: 7.166 min  
Delta R.T.: 0.002 min  
Response: 833896944  
Conc: 1919.42 ng/ml



#37 AR-1262-2

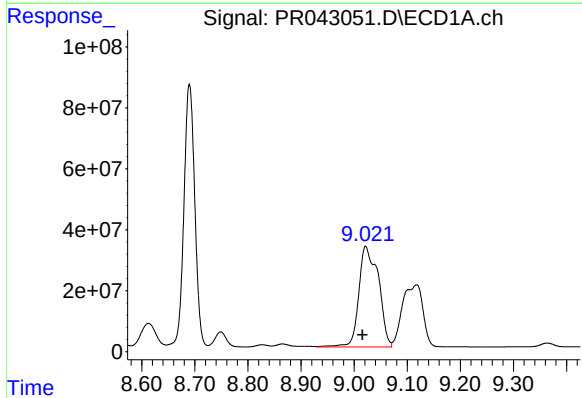
R.T.: 8.690 min  
Delta R.T.: 0.005 min  
Response: 1225631822  
Conc: 2200.75 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



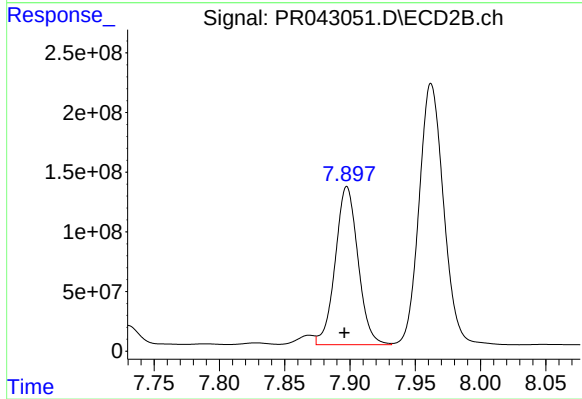
#37 AR-1262-2

R.T.: 7.613 min  
Delta R.T.: 0.002 min  
Response: 4298787068  
Conc: 2056.92 ng/ml



#38 AR-1262-3

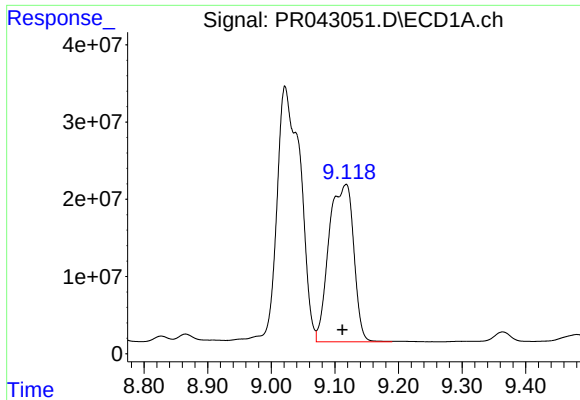
R.T.: 9.022 min  
Delta R.T.: 0.006 min  
Response: 851341877  
Conc: 2382.31 ng/ml



#38 AR-1262-3

R.T.: 7.898 min  
Delta R.T.: 0.002 min  
Response: 1609606883  
Conc: 1919.21 ng/ml

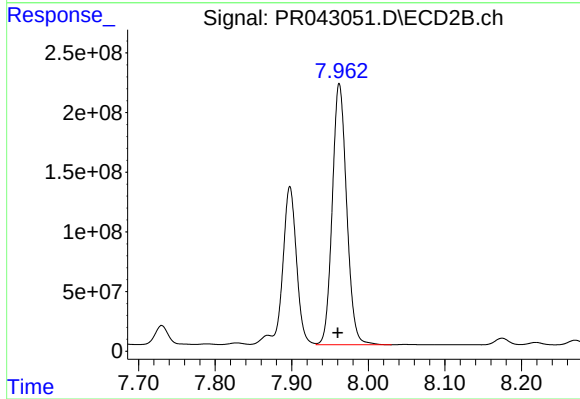




#39 AR-1262-4

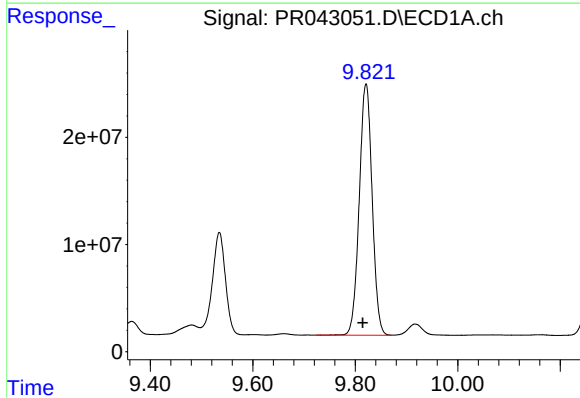
R.T.: 9.118 min  
Delta R.T.: 0.006 min  
Response: 551103553  
Conc: 4067.26 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



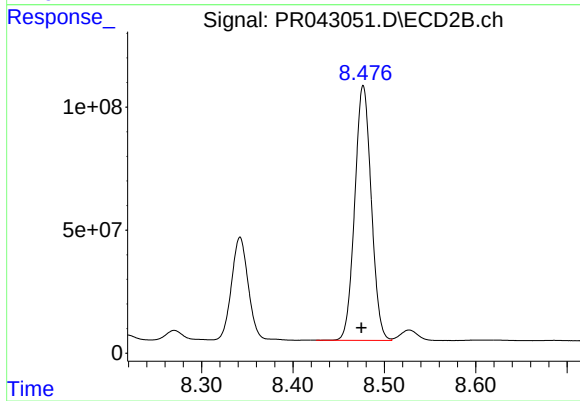
#39 AR-1262-4

R.T.: 7.962 min  
Delta R.T.: 0.002 min  
Response: 2854967173  
Conc: 2023.84 ng/ml



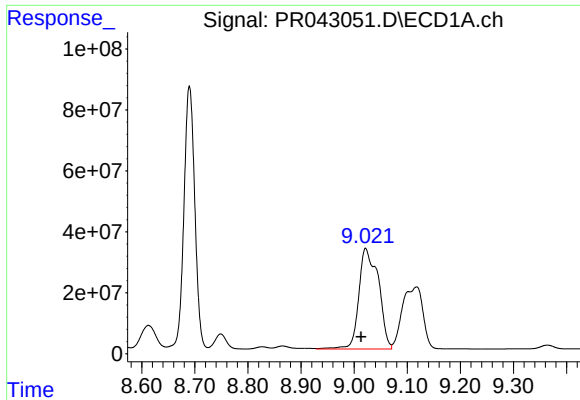
#40 AR-1262-5

R.T.: 9.821 min  
Delta R.T.: 0.006 min  
Response: 409391865  
Conc: 2235.16 ng/ml



#40 AR-1262-5

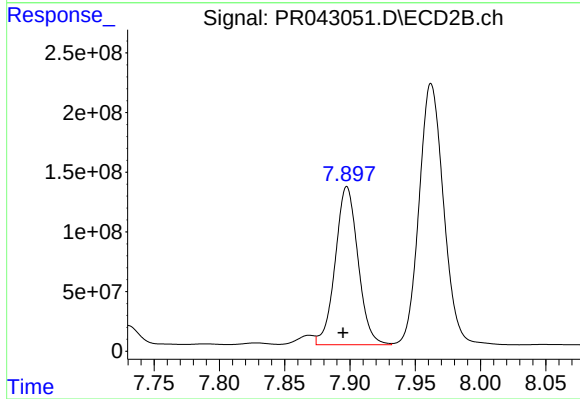
R.T.: 8.477 min  
Delta R.T.: 0.002 min  
Response: 1298282333  
Conc: 1994.92 ng/ml



#41 AR-1268-1

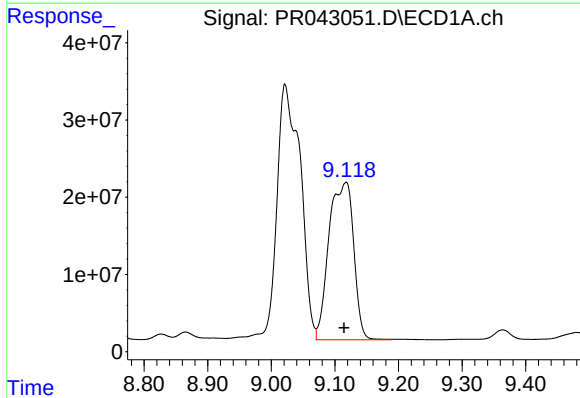
R.T.: 9.022 min  
Delta R.T.: 0.009 min  
Response: 851341877  
Conc: 1341.58 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



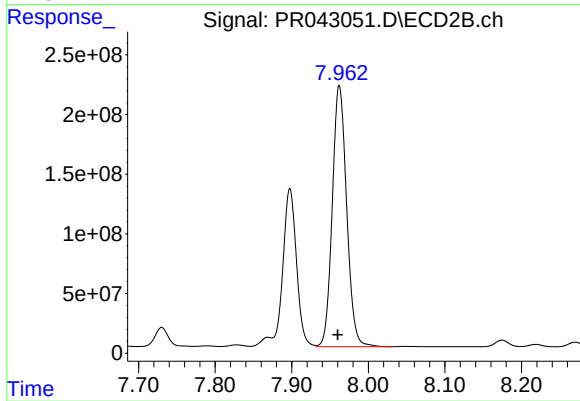
#41 AR-1268-1

R.T.: 7.898 min  
Delta R.T.: 0.003 min  
Response: 1609606883  
Conc: 662.87 ng/ml



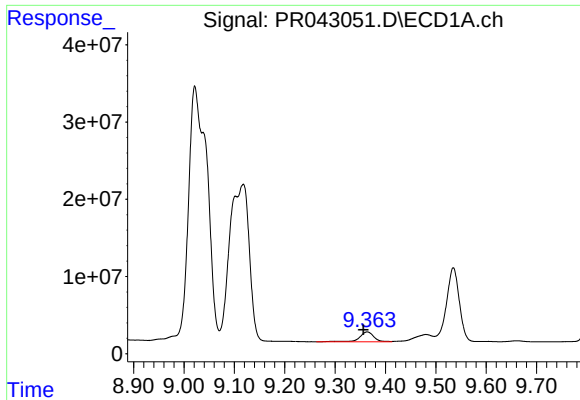
#42 AR-1268-2

R.T.: 9.118 min  
Delta R.T.: 0.003 min  
Response: 551103553  
Conc: 957.32 ng/ml



#42 AR-1268-2

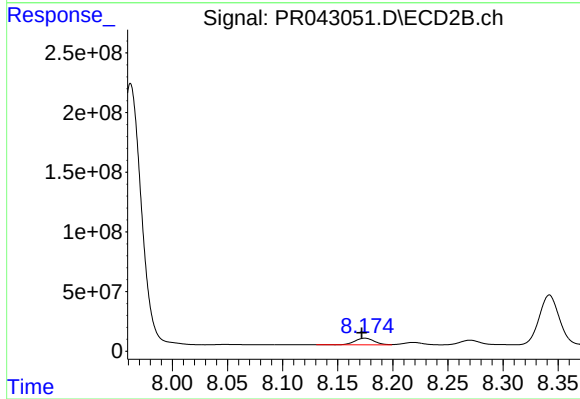
R.T.: 7.962 min  
Delta R.T.: 0.002 min  
Response: 2854967173  
Conc: 1328.88 ng/ml



#43 AR-1268-3

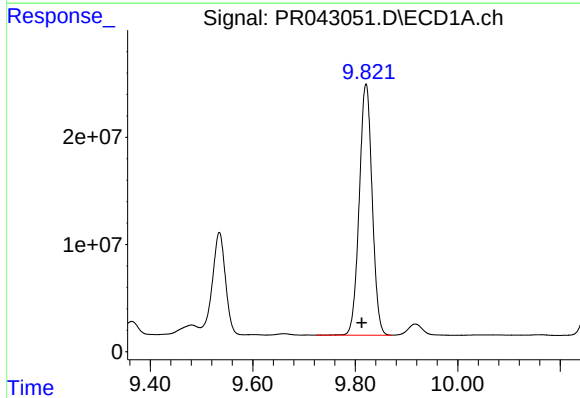
R.T.: 9.364 min  
Delta R.T.: 0.007 min  
Response: 25579988  
Conc: 54.28 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



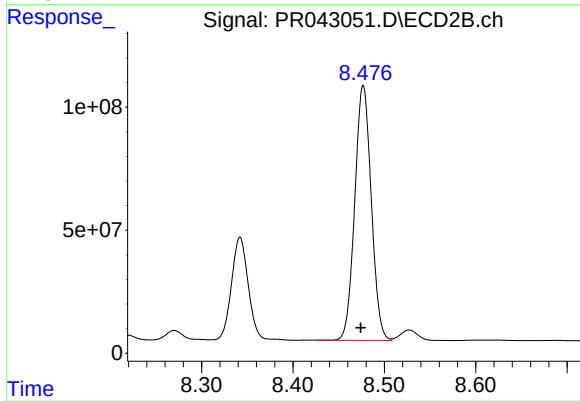
#43 AR-1268-3

R.T.: 8.175 min  
Delta R.T.: 0.003 min  
Response: 67306789  
Conc: 37.10 ng/ml



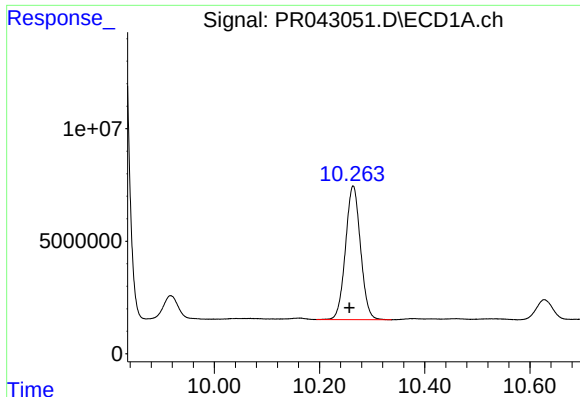
#44 AR-1268-4

R.T.: 9.821 min  
Delta R.T.: 0.008 min  
Response: 409391865  
Conc: 1995.06 ng/ml



#44 AR-1268-4

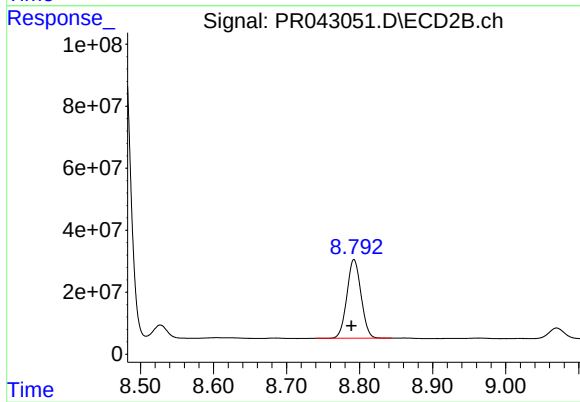
R.T.: 8.477 min  
Delta R.T.: 0.003 min  
Response: 1298282333  
Conc: 1790.84 ng/ml



#45 AR-1268-5

R.T.: 10.264 min  
Delta R.T.: 0.008 min  
Response: 117753425  
Conc: 75.23 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
3BDL



#45 AR-1268-5

R.T.: 8.792 min  
Delta R.T.: 0.003 min  
Response: 341984481  
Conc: 66.39 ng/ml