

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR070821\  
 Data File : PR051187.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2021 17:52  
 Operator : DD\AJ  
 Sample : AR1242CCC400  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 09 04:36:02 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR062821CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jun 29 05:37:58 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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... | 4.629  | 3.809 | 146.6E6  | 128.3E6  | 20.210  | 19.964   |
| 2)                          | SA Decachlor... | 10.501 | 8.832 | 339.4E6  | 302.8E6  | 50.128  | 46.023   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 5.811  | 4.895 | 84517174 | 67537365 | 283.202 | 293.420  |
| 4)                          | L1 AR-1016-2    | 5.834  | 4.914 | 124.6E6  | 98065795 | 285.912 | 275.558  |
| 5)                          | L1 AR-1016-3    | 5.896  | 5.090 | 73306347 | 52012438 | 288.372 | 283.331  |
| 6)                          | L1 AR-1016-4    | 5.997  | 5.131 | 61371070 | 38378284 | 290.171 | 258.339  |
| 7)                          | L1 AR-1016-5    | 6.289  | 5.344 | 60108341 | 56247628 | 293.269 | 290.635  |
| 8)                          | L2 AR-1221-1    | 4.838  | 4.020 | 7374832  | 6161915  | 90.084  | 86.957   |
| 9)                          | L2 AR-1221-2    | 4.931  | 4.107 | 9791449  | 8579585  | 170.270 | 169.281  |
| 10)                         | L2 AR-1221-3    | 5.009  | 4.183 | 39650348 | 34643853 | 203.558 | 201.861  |
| 11)                         | L3 AR-1232-1    | 5.009  | 4.183 | 39650348 | 34643853 | 271.297 | 268.793  |
| 12)                         | L3 AR-1232-2    | 5.541  | 4.914 | 55999694 | 98065795 | 720.217 | 716.103  |
| 13)                         | L3 AR-1232-3    | 5.834  | 5.090 | 124.6E6  | 52012438 | 738.817 | 742.027  |
| 14)                         | L3 AR-1232-4    | 5.997  | 5.173 | 61371070 | 49395929 | 731.490 | 797.700  |
| 15)                         | L3 AR-1232-5    | 6.082  | 5.344 | 50286178 | 56247628 | 815.499 | 820.981  |
| 16)                         | L4 AR-1242-1    | 5.811  | 4.895 | 84517174 | 67537365 | 419.933 | 436.125  |
| 17)                         | L4 AR-1242-2    | 5.834  | 4.914 | 124.6E6  | 98065795 | 429.521 | 422.296  |
| 18)                         | L4 AR-1242-3    | 5.896  | 5.090 | 73306347 | 52012438 | 419.529 | 424.005  |
| 19)                         | L4 AR-1242-4    | 5.997  | 5.173 | 61371070 | 49395929 | 423.689 | 411.373  |
| 20)                         | L4 AR-1242-5    | 6.735  | 5.694 | 68801375 | 67929971 | 423.149 | 419.858  |
| 21)                         | L5 AR-1248-1    | 5.811  | 4.895 | 84517174 | 67537365 | 519.514 | 529.679  |
| 22)                         | L5 AR-1248-2    | 6.082  | 5.131 | 50286178 | 38378284 | 216.067 | 206.442  |
| 23)                         | L5 AR-1248-3    | 6.289  | 5.173 | 60108341 | 49395929 | 229.034 | 251.018  |
| 24)                         | L5 AR-1248-4    | 6.696  | 5.344 | 67072464 | 56247628 | 210.619 | 233.113  |
| 25)                         | L5 AR-1248-5    | 6.735  | 5.735 | 68801375 | 58619692 | 223.062 | 237.302  |
| 26)                         | L6 AR-1254-1    | 6.667  | 5.694 | 49592557 | 67929971 | 210.732 | 233.603  |
| 27)                         | L6 AR-1254-2    | 6.894  | 5.840 | 57450740 | 17071397 | 155.326 | 66.095 # |
| 28)                         | L6 AR-1254-3    | 7.255  | 6.243 | 21686699 | 21908529 | 55.639  | 49.491   |
| 29)                         | L6 AR-1254-4    | 7.543  | 6.470 | 18680906 | 17943621 | 66.597  | 72.342   |
| 30)                         | L6 AR-1254-5    | 7.962  | 6.887 | 3261235  | 5785976  | 10.954  | 14.909 # |
| 31)                         | L7 AR-1260-1    | 7.384f | 6.388 | 10776492 | 8579686  | 30.216  | 22.825   |
| 32)                         | L7 AR-1260-2    | 7.669  | 6.560 | 4619104  | 3240496  | 10.776  | 7.143 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.712 | 0        | 2589805  | N.D.    | 5.933 #  |
| 34)                         | L7 AR-1260-4    | 8.261  | 7.221 | 1887422  | 1724001  | 5.221   | 4.584    |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.887 | 0        | 5785976  | N.D.    | 19.395 # |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.569 | 0        | 1809531  | N.D.    | 0.485 #  |
| -----                       |                 |        |       |          |          |         |          |

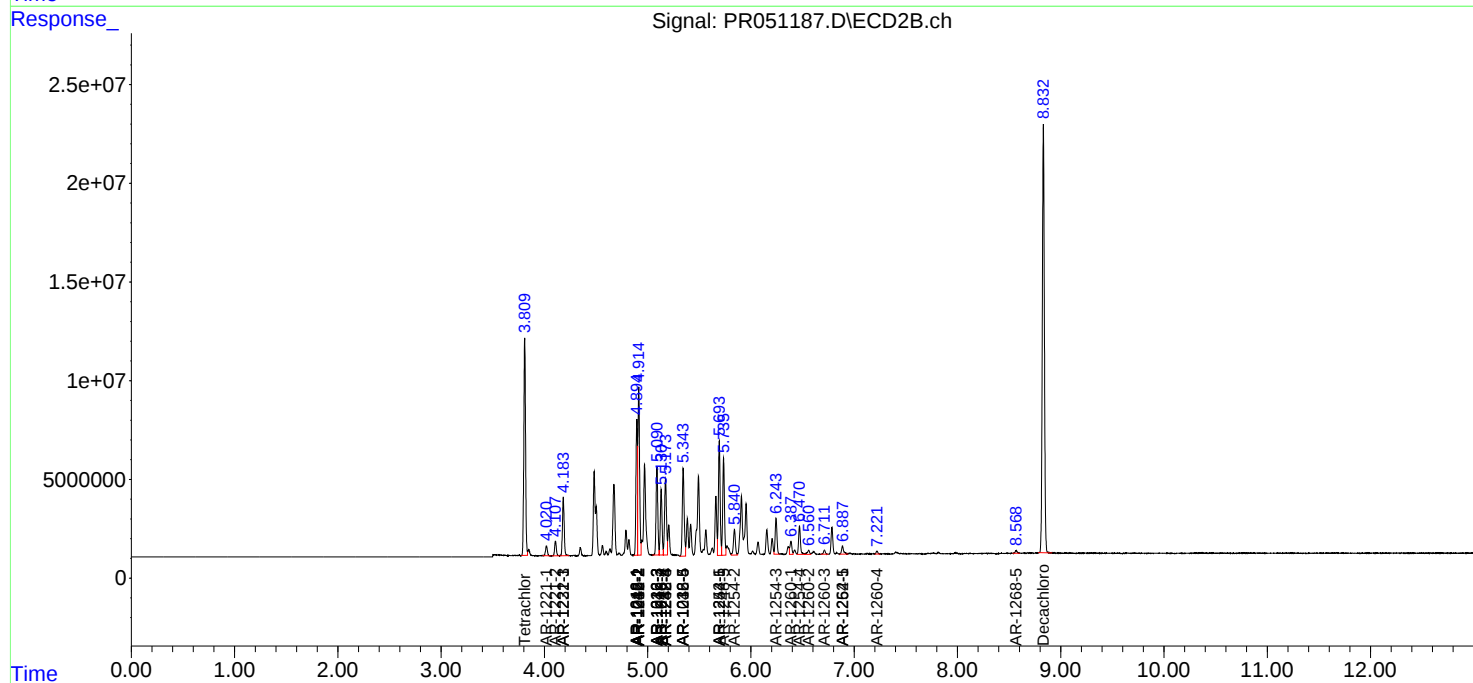
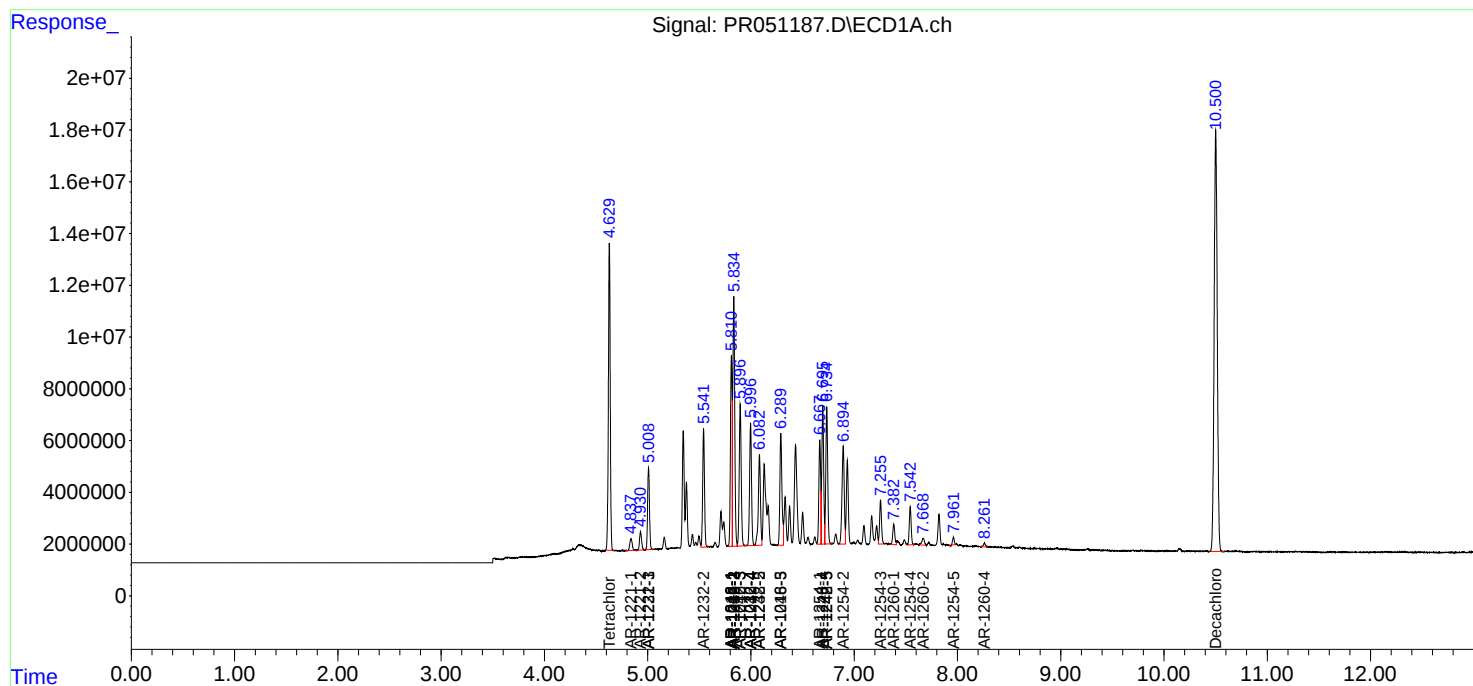
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

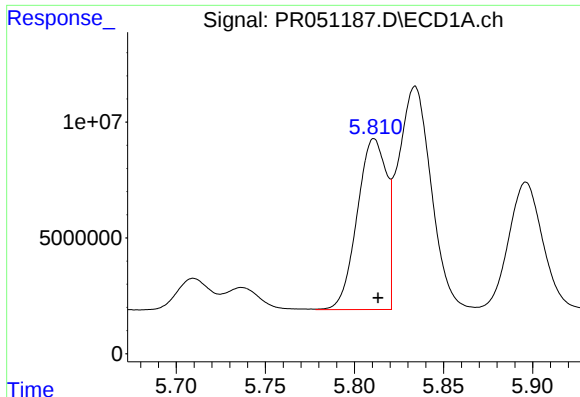
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR070821\  
Data File : PR051187.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2021 17:52  
Operator : DD\AJ  
Sample : AR1242CCC400  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 04:36:02 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR062821CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jun 29 05:37:58 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

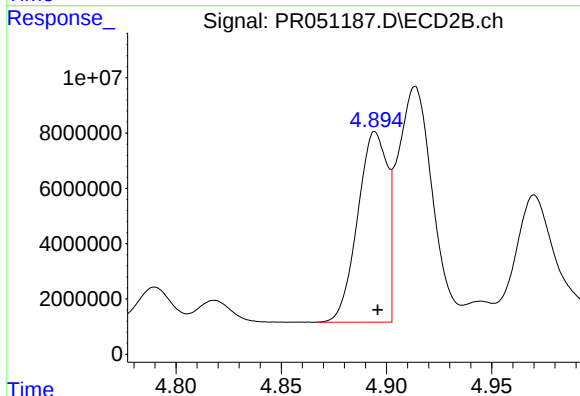




#3 AR-1016-1

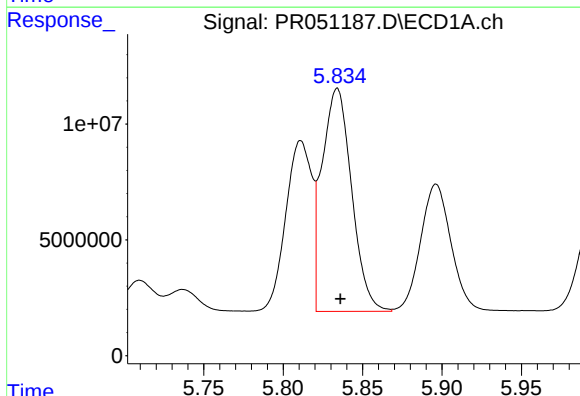
R.T.: 5.811 min  
Delta R.T.: -0.002 min  
Response: 84517174  
Conc: 283.20 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



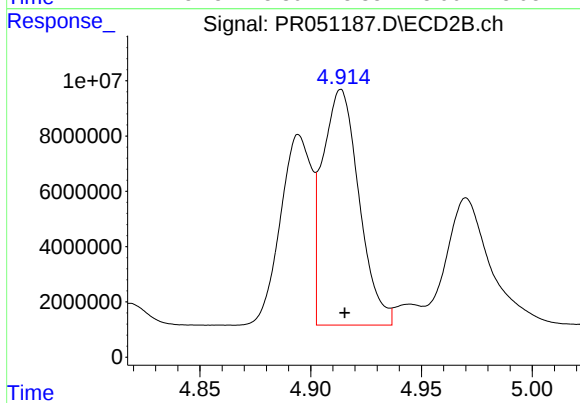
#3 AR-1016-1

R.T.: 4.895 min  
Delta R.T.: -0.001 min  
Response: 67537365  
Conc: 293.42 ng/ml



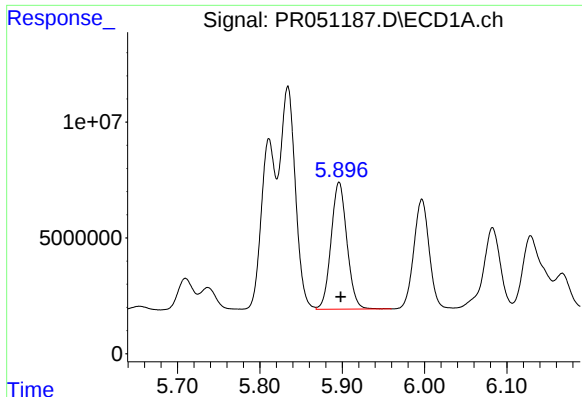
#4 AR-1016-2

R.T.: 5.834 min  
Delta R.T.: -0.002 min  
Response: 124564786  
Conc: 285.91 ng/ml



#4 AR-1016-2

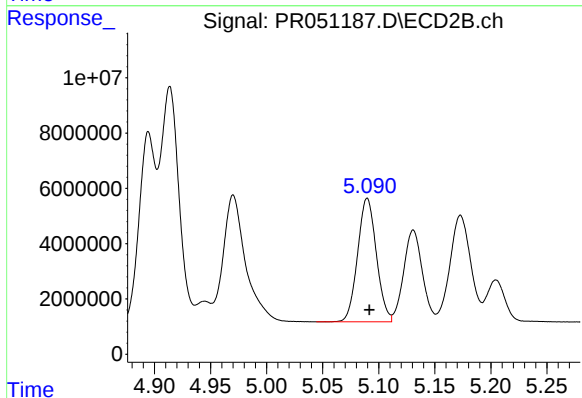
R.T.: 4.914 min  
Delta R.T.: -0.002 min  
Response: 98065795  
Conc: 275.56 ng/ml



#5 AR-1016-3

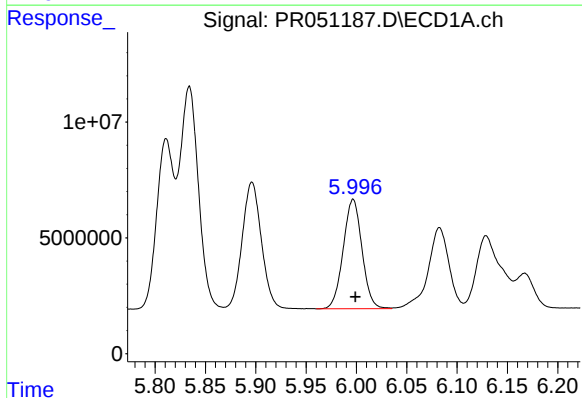
R.T.: 5.896 min  
Delta R.T.: -0.002 min  
Response: 73306347  
Conc: 288.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



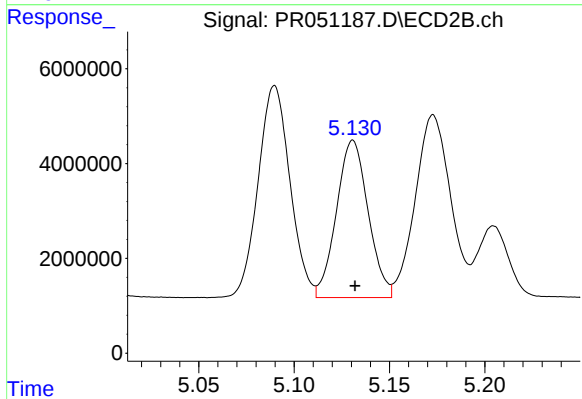
#5 AR-1016-3

R.T.: 5.090 min  
Delta R.T.: -0.002 min  
Response: 52012438  
Conc: 283.33 ng/ml



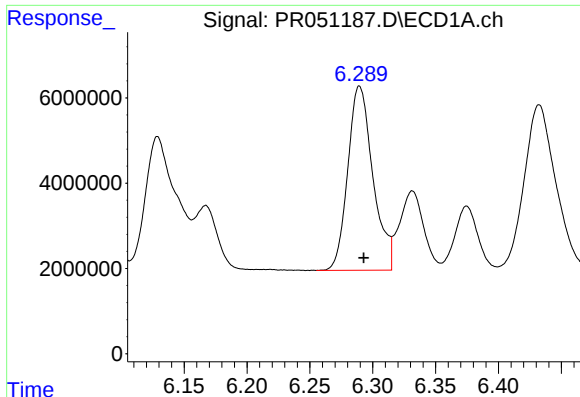
#6 AR-1016-4

R.T.: 5.997 min  
Delta R.T.: -0.002 min  
Response: 61371070  
Conc: 290.17 ng/ml



#6 AR-1016-4

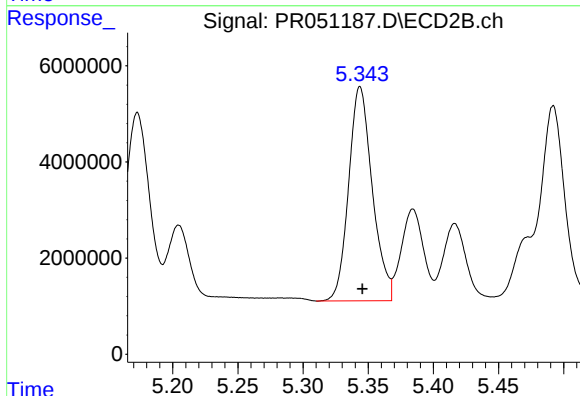
R.T.: 5.131 min  
Delta R.T.: -0.001 min  
Response: 38378284  
Conc: 258.34 ng/ml



#7 AR-1016-5

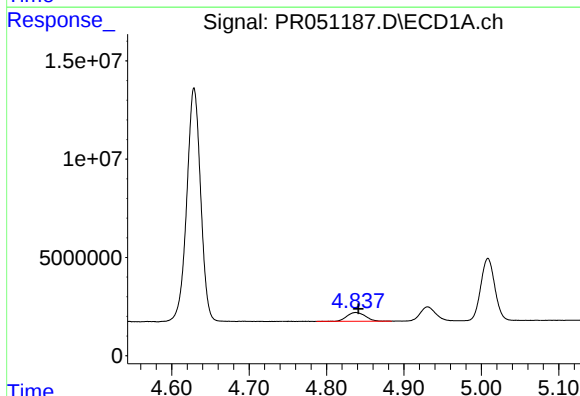
R.T.: 6.289 min  
Delta R.T.: -0.003 min  
Response: 60108341  
Conc: 293.27 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



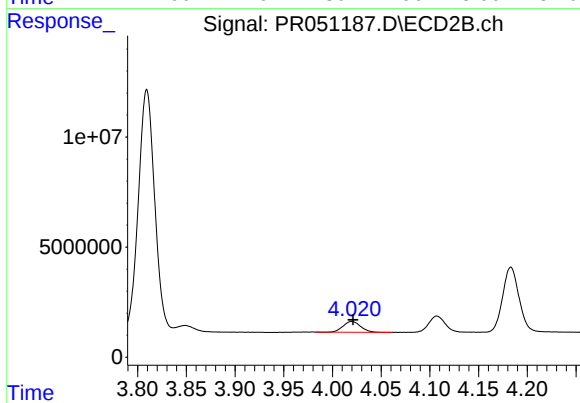
#7 AR-1016-5

R.T.: 5.344 min  
Delta R.T.: -0.002 min  
Response: 56247628  
Conc: 290.64 ng/ml



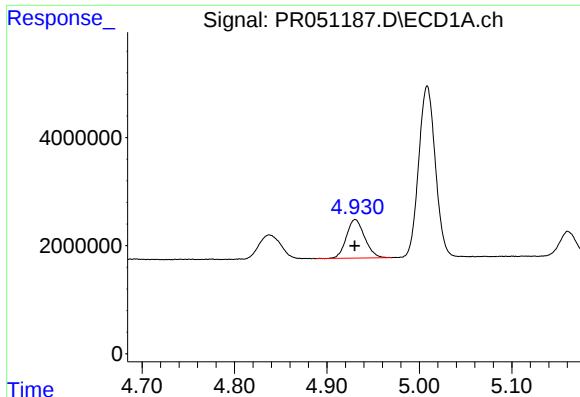
#8 AR-1221-1

R.T.: 4.838 min  
Delta R.T.: -0.003 min  
Response: 7374832  
Conc: 90.08 ng/ml



#8 AR-1221-1

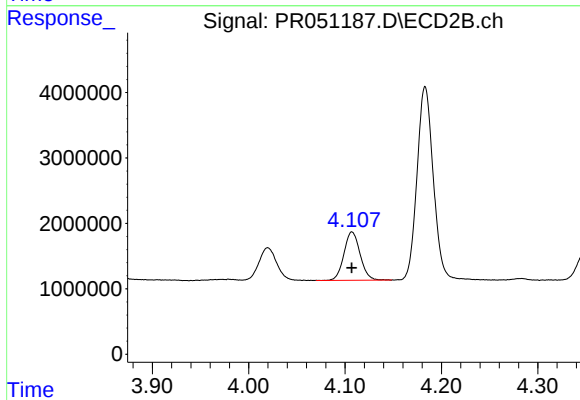
R.T.: 4.020 min  
Delta R.T.: -0.001 min  
Response: 6161915  
Conc: 86.96 ng/ml



#9 AR-1221-2

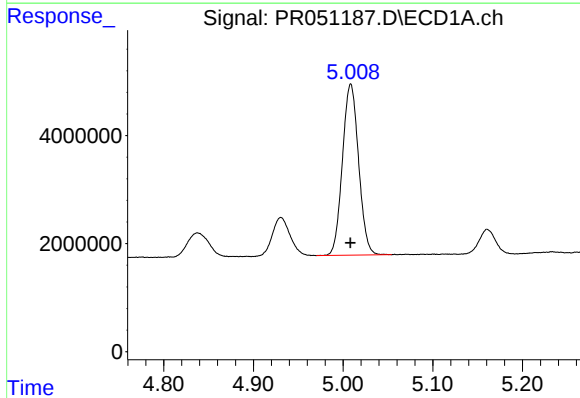
R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 9791449  
Conc: 170.27 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



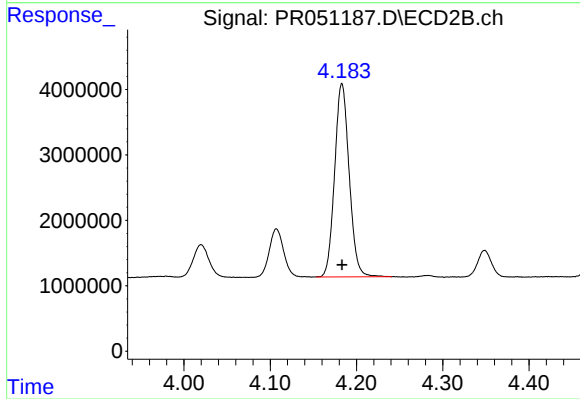
#9 AR-1221-2

R.T.: 4.107 min  
Delta R.T.: 0.000 min  
Response: 8579585  
Conc: 169.28 ng/ml



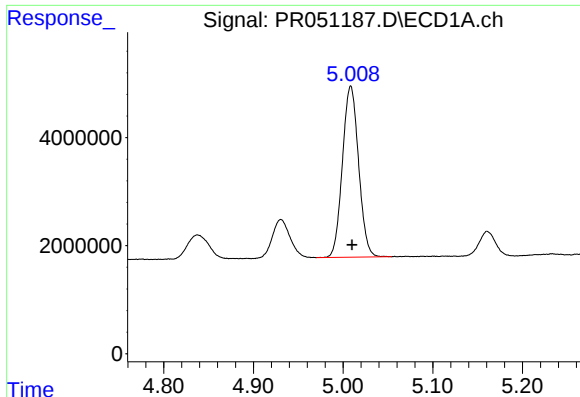
#10 AR-1221-3

R.T.: 5.009 min  
Delta R.T.: 0.000 min  
Response: 39650348  
Conc: 203.56 ng/ml



#10 AR-1221-3

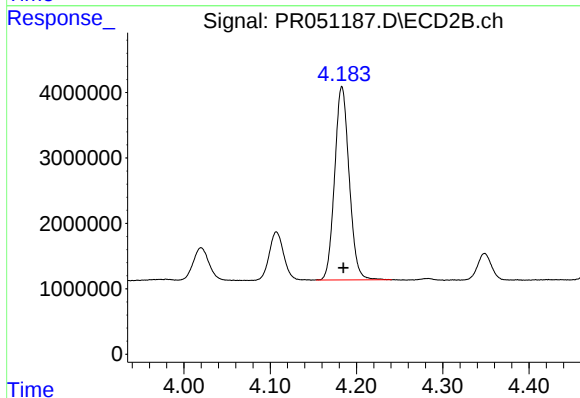
R.T.: 4.183 min  
Delta R.T.: 0.000 min  
Response: 34643853  
Conc: 201.86 ng/ml



#11 AR-1232-1

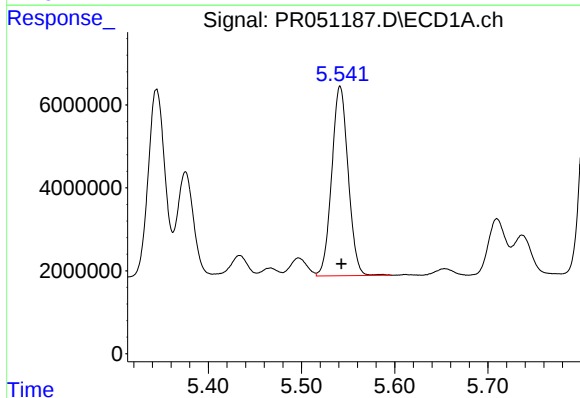
R.T.: 5.009 min  
Delta R.T.: -0.001 min  
Response: 39650348  
Conc: 271.30 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



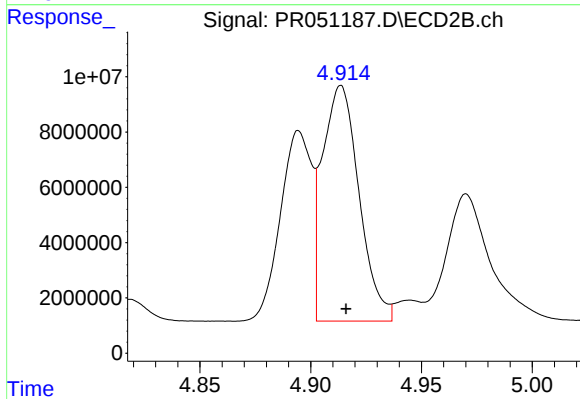
#11 AR-1232-1

R.T.: 4.183 min  
Delta R.T.: -0.002 min  
Response: 34643853  
Conc: 268.79 ng/ml



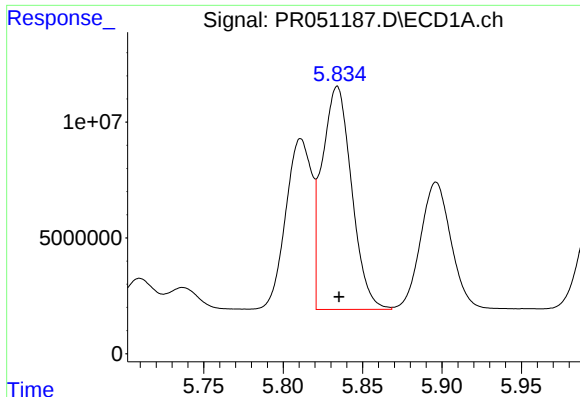
#12 AR-1232-2

R.T.: 5.541 min  
Delta R.T.: -0.001 min  
Response: 55999694  
Conc: 720.22 ng/ml



#12 AR-1232-2

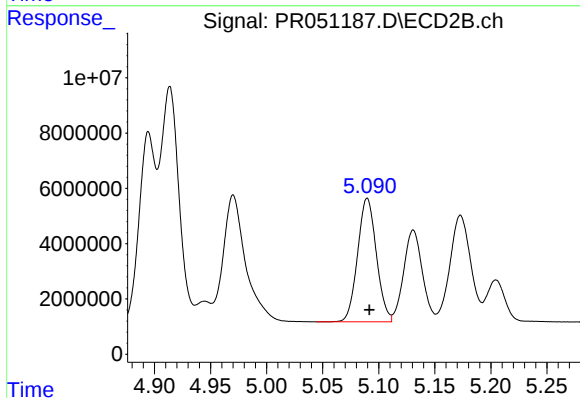
R.T.: 4.914 min  
Delta R.T.: -0.002 min  
Response: 98065795  
Conc: 716.10 ng/ml



#13 AR-1232-3

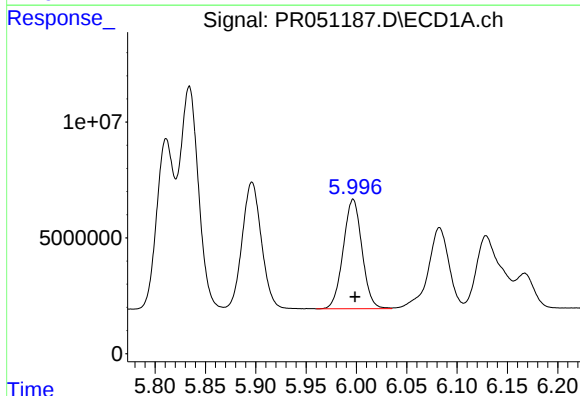
R.T.: 5.834 min  
Delta R.T.: -0.001 min  
Response: 124564786  
Conc: 738.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



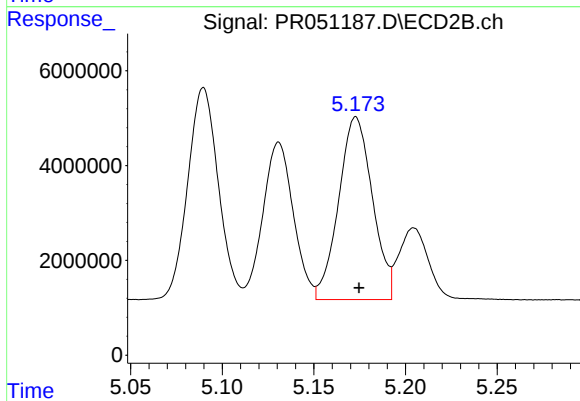
#13 AR-1232-3

R.T.: 5.090 min  
Delta R.T.: -0.002 min  
Response: 52012438  
Conc: 742.03 ng/ml



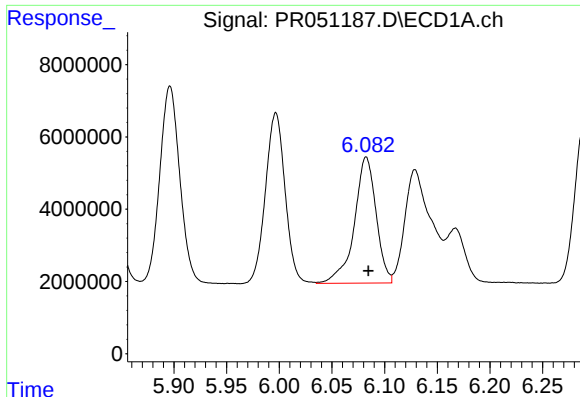
#14 AR-1232-4

R.T.: 5.997 min  
Delta R.T.: -0.002 min  
Response: 61371070  
Conc: 731.49 ng/ml



#14 AR-1232-4

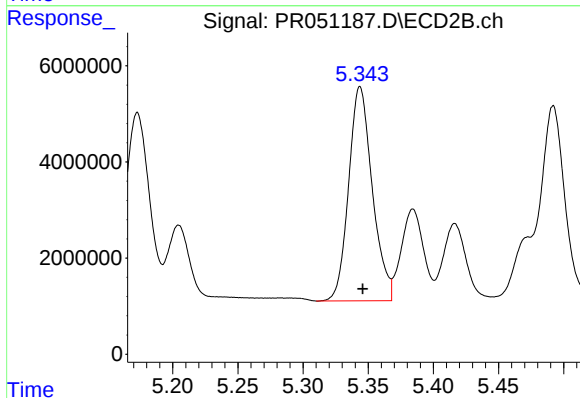
R.T.: 5.173 min  
Delta R.T.: -0.002 min  
Response: 49395929  
Conc: 797.70 ng/ml



#15 AR-1232-5

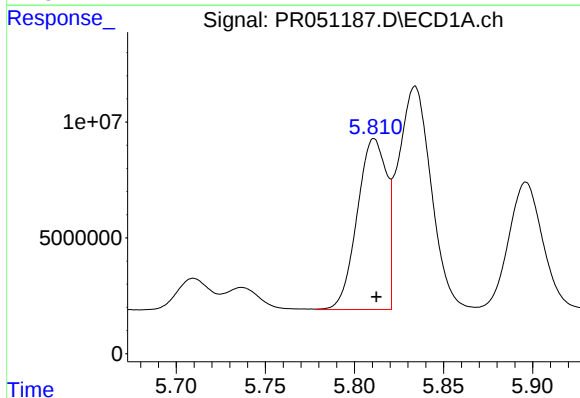
R.T.: 6.082 min  
Delta R.T.: -0.002 min  
Response: 50286178  
Conc: 815.50 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



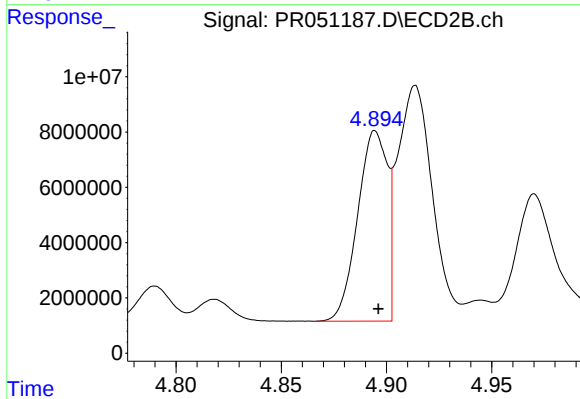
#15 AR-1232-5

R.T.: 5.344 min  
Delta R.T.: -0.002 min  
Response: 56247628  
Conc: 820.98 ng/ml



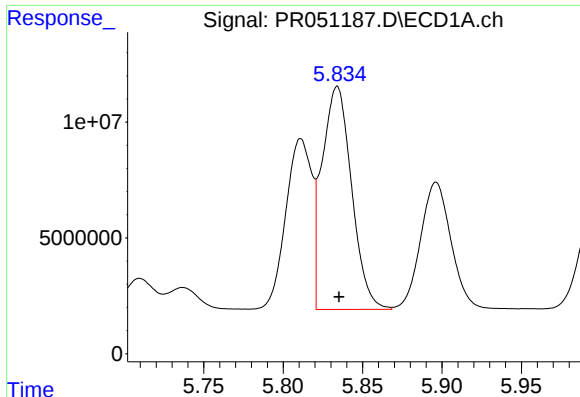
#16 AR-1242-1

R.T.: 5.811 min  
Delta R.T.: -0.001 min  
Response: 84517174  
Conc: 419.93 ng/ml



#16 AR-1242-1

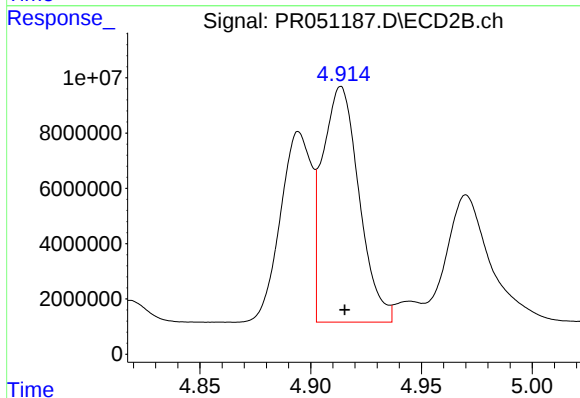
R.T.: 4.895 min  
Delta R.T.: -0.002 min  
Response: 67537365  
Conc: 436.13 ng/ml



#17 AR-1242-2

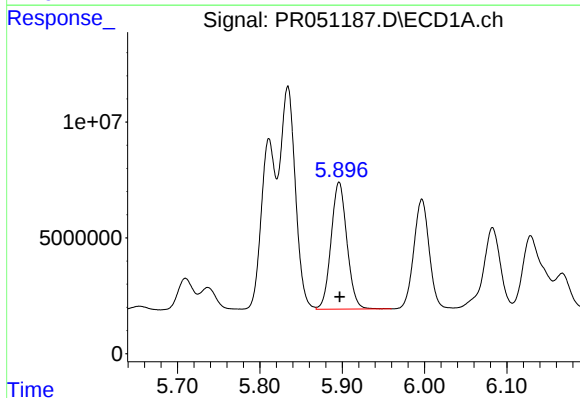
R.T.: 5.834 min  
Delta R.T.: -0.001 min  
Response: 124564786  
Conc: 429.52 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



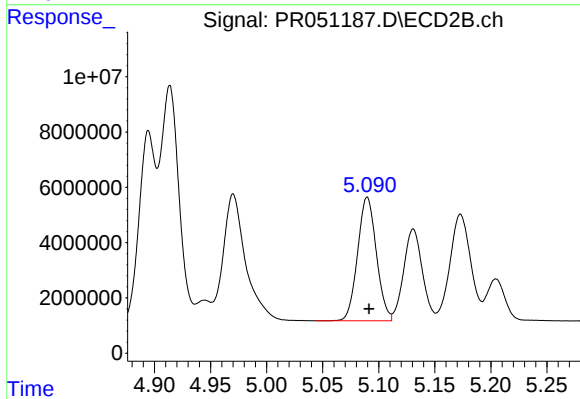
#17 AR-1242-2

R.T.: 4.914 min  
Delta R.T.: -0.002 min  
Response: 98065795  
Conc: 422.30 ng/ml



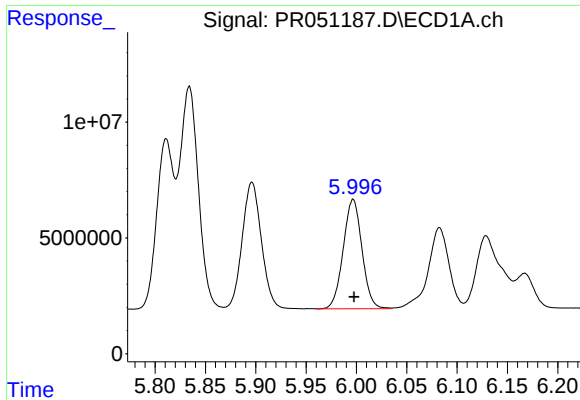
#18 AR-1242-3

R.T.: 5.896 min  
Delta R.T.: 0.000 min  
Response: 73306347  
Conc: 419.53 ng/ml



#18 AR-1242-3

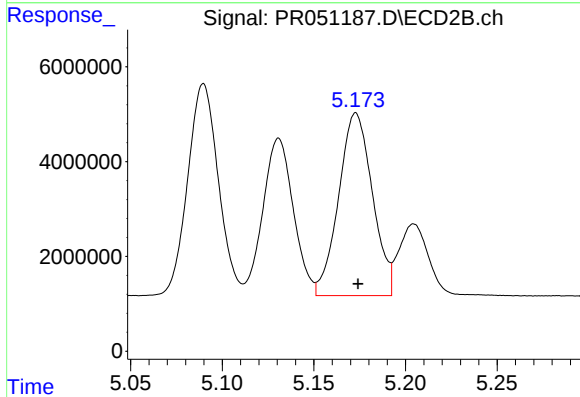
R.T.: 5.090 min  
Delta R.T.: -0.001 min  
Response: 52012438  
Conc: 424.01 ng/ml



#19 AR-1242-4

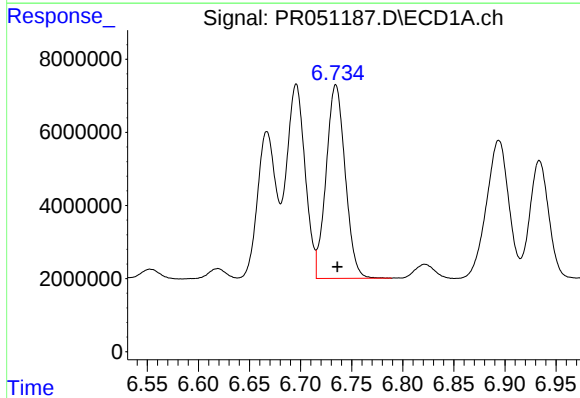
R.T.: 5.997 min  
Delta R.T.: -0.001 min  
Response: 61371070  
Conc: 423.69 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



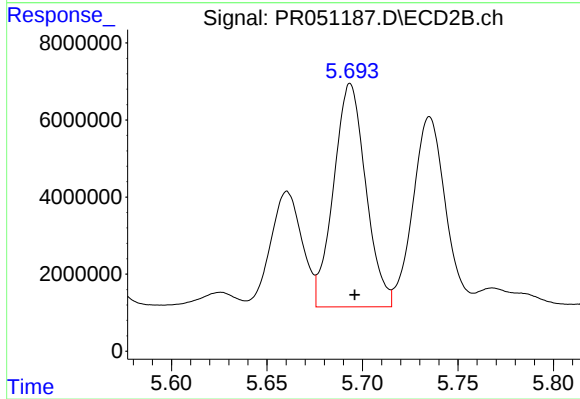
#19 AR-1242-4

R.T.: 5.173 min  
Delta R.T.: -0.001 min  
Response: 49395929  
Conc: 411.37 ng/ml



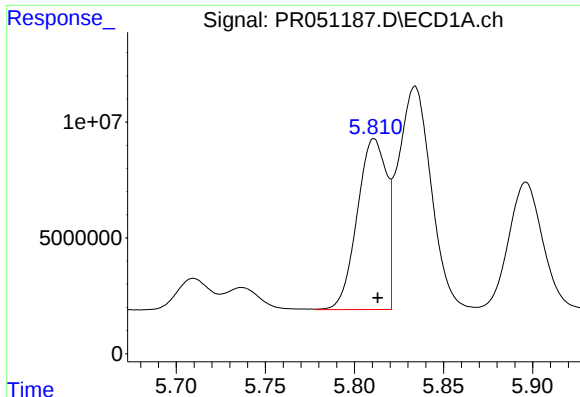
#20 AR-1242-5

R.T.: 6.735 min  
Delta R.T.: -0.002 min  
Response: 68801375  
Conc: 423.15 ng/ml



#20 AR-1242-5

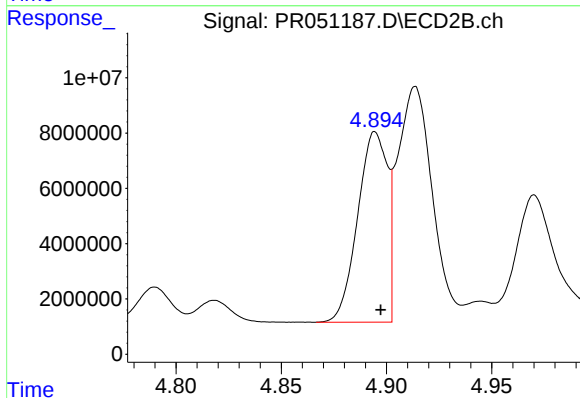
R.T.: 5.694 min  
Delta R.T.: -0.002 min  
Response: 67929971  
Conc: 419.86 ng/ml



#21 AR-1248-1

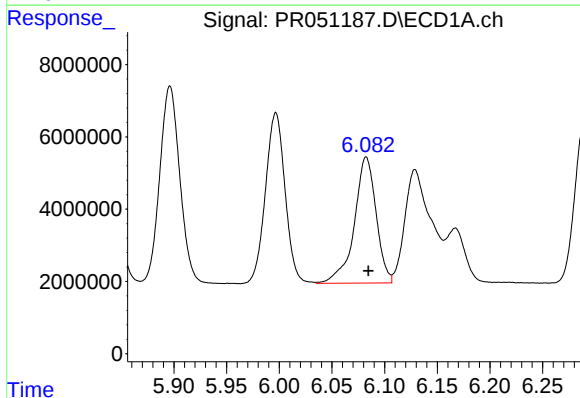
R.T.: 5.811 min  
Delta R.T.: -0.002 min  
Response: 84517174  
Conc: 519.51 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



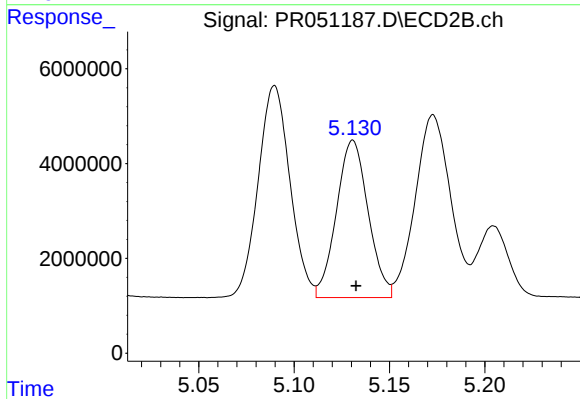
#21 AR-1248-1

R.T.: 4.895 min  
Delta R.T.: -0.003 min  
Response: 67537365  
Conc: 529.68 ng/ml



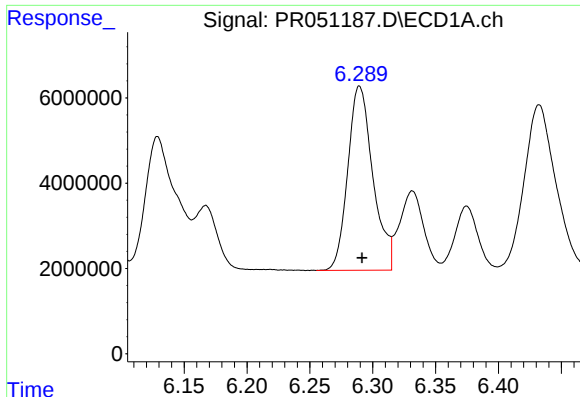
#22 AR-1248-2

R.T.: 6.082 min  
Delta R.T.: -0.002 min  
Response: 50286178  
Conc: 216.07 ng/ml



#22 AR-1248-2

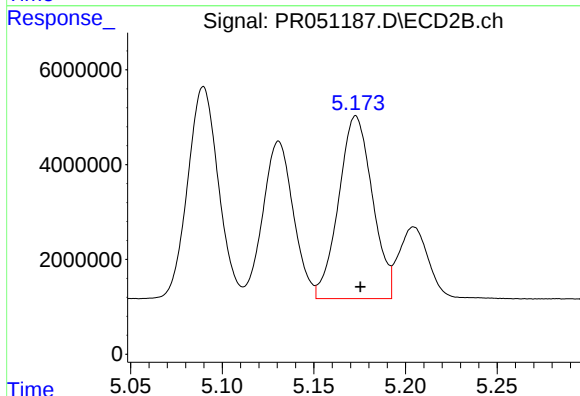
R.T.: 5.131 min  
Delta R.T.: -0.002 min  
Response: 38378284  
Conc: 206.44 ng/ml



#23 AR-1248-3

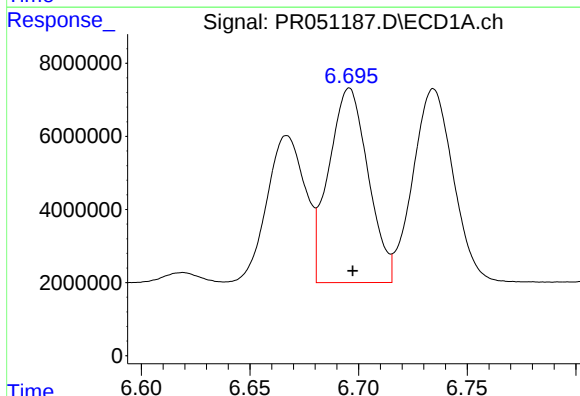
R.T.: 6.289 min  
Delta R.T.: -0.002 min  
Response: 60108341  
Conc: 229.03 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



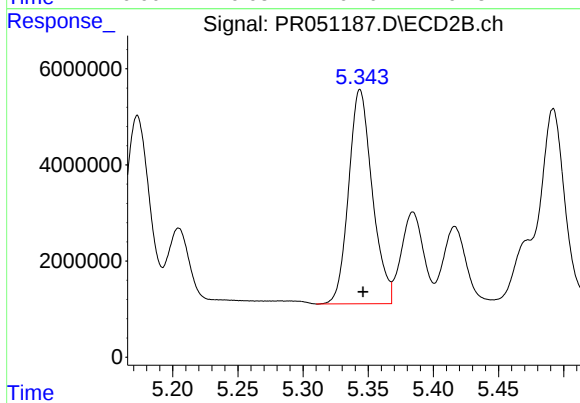
#23 AR-1248-3

R.T.: 5.173 min  
Delta R.T.: -0.002 min  
Response: 49395929  
Conc: 251.02 ng/ml



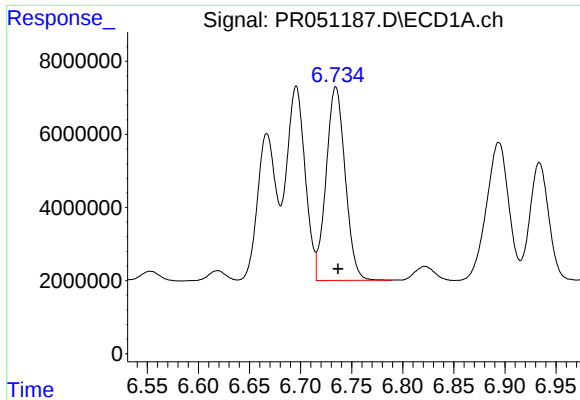
#24 AR-1248-4

R.T.: 6.696 min  
Delta R.T.: -0.002 min  
Response: 67072464  
Conc: 210.62 ng/ml



#24 AR-1248-4

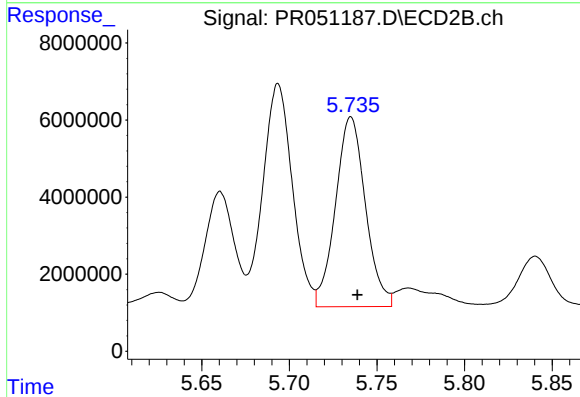
R.T.: 5.344 min  
Delta R.T.: -0.002 min  
Response: 56247628  
Conc: 233.11 ng/ml



#25 AR-1248-5

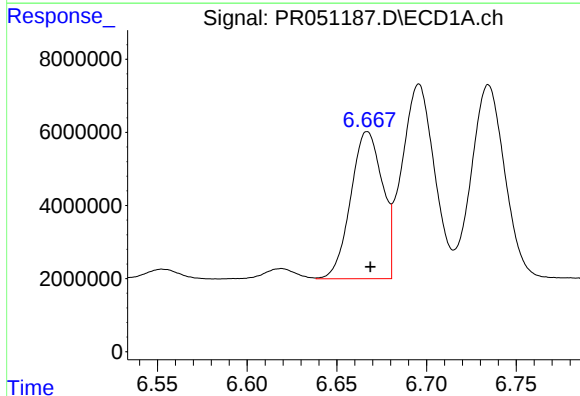
R.T.: 6.735 min  
Delta R.T.: -0.002 min  
Response: 68801375  
Conc: 223.06 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



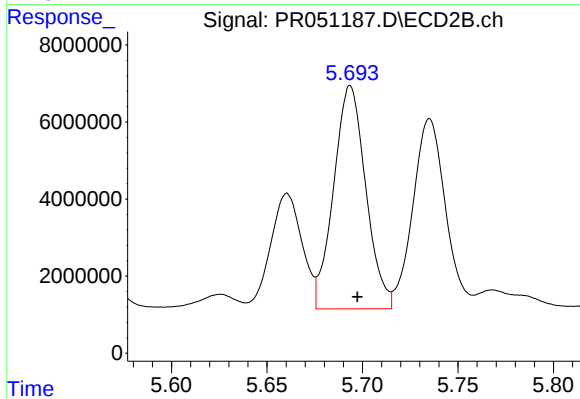
#25 AR-1248-5

R.T.: 5.735 min  
Delta R.T.: -0.004 min  
Response: 58619692  
Conc: 237.30 ng/ml



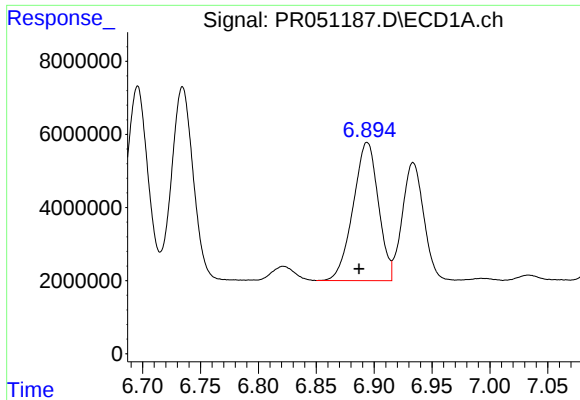
#26 AR-1254-1

R.T.: 6.667 min  
Delta R.T.: -0.002 min  
Response: 49592557  
Conc: 210.73 ng/ml



#26 AR-1254-1

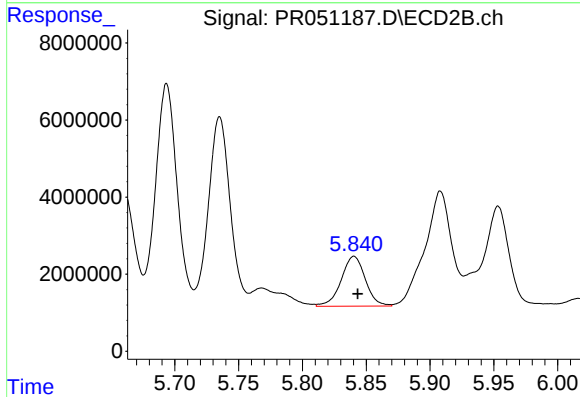
R.T.: 5.694 min  
Delta R.T.: -0.004 min  
Response: 67929971  
Conc: 233.60 ng/ml



#27 AR-1254-2

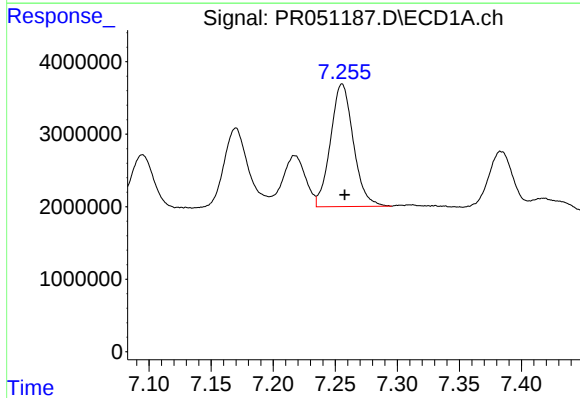
R.T.: 6.894 min  
Delta R.T.: 0.007 min  
Response: 57450740  
Conc: 155.33 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



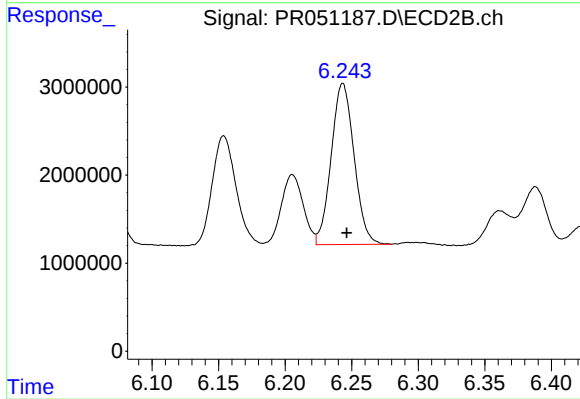
#27 AR-1254-2

R.T.: 5.840 min  
Delta R.T.: -0.003 min  
Response: 17071397  
Conc: 66.10 ng/ml



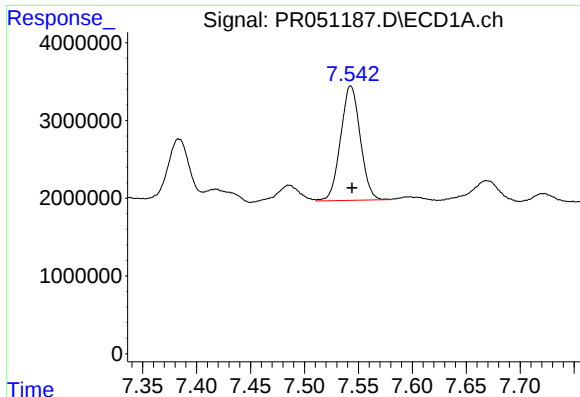
#28 AR-1254-3

R.T.: 7.255 min  
Delta R.T.: -0.002 min  
Response: 21686699  
Conc: 55.64 ng/ml



#28 AR-1254-3

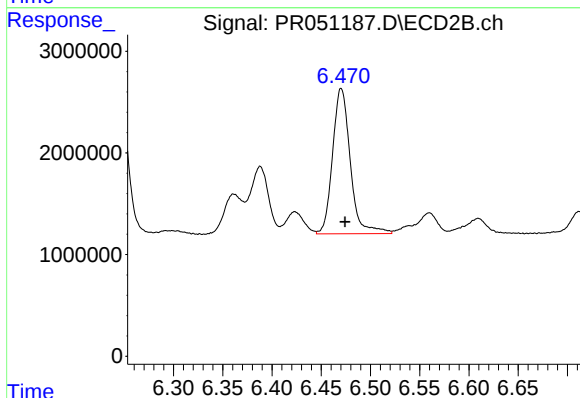
R.T.: 6.243 min  
Delta R.T.: -0.003 min  
Response: 21908529  
Conc: 49.49 ng/ml



#29 AR-1254-4

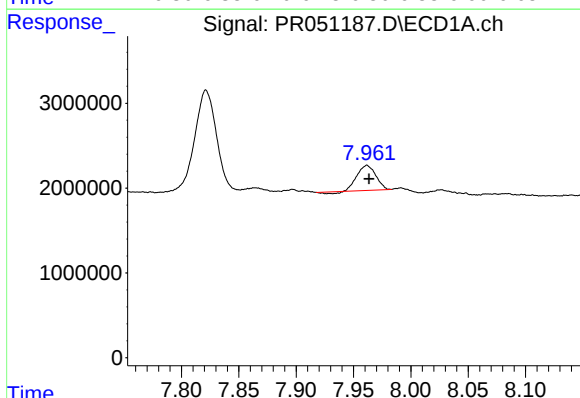
R.T.: 7.543 min  
Delta R.T.: -0.001 min  
Response: 18680906  
Conc: 66.60 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



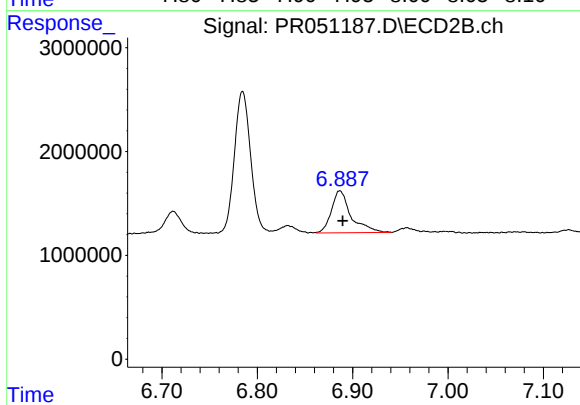
#29 AR-1254-4

R.T.: 6.470 min  
Delta R.T.: -0.004 min  
Response: 17943621  
Conc: 72.34 ng/ml



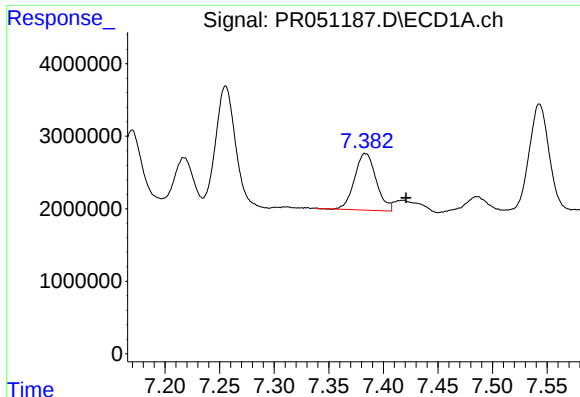
#30 AR-1254-5

R.T.: 7.962 min  
Delta R.T.: -0.002 min  
Response: 3261235  
Conc: 10.95 ng/ml



#30 AR-1254-5

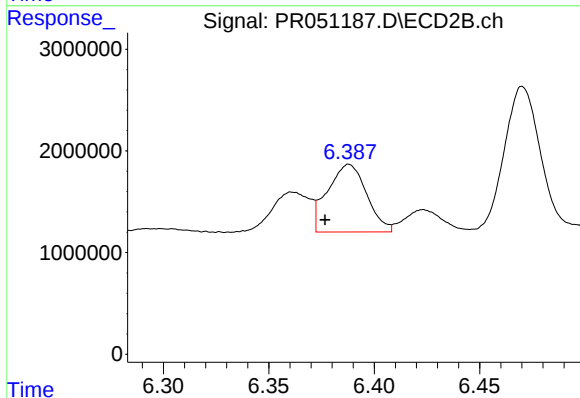
R.T.: 6.887 min  
Delta R.T.: -0.003 min  
Response: 5785976  
Conc: 14.91 ng/ml



#31 AR-1260-1

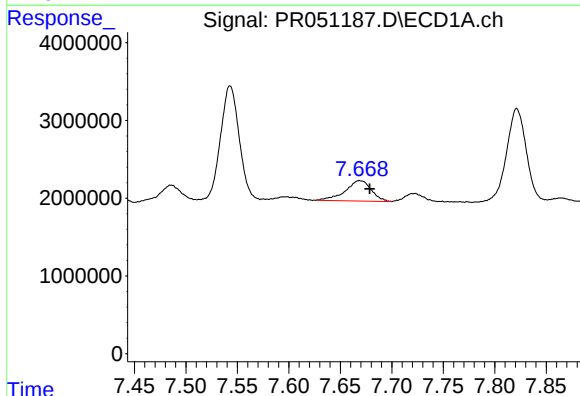
R.T.: 7.384 min  
Delta R.T.: -0.037 min  
Response: 10776492  
Conc: 30.22 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



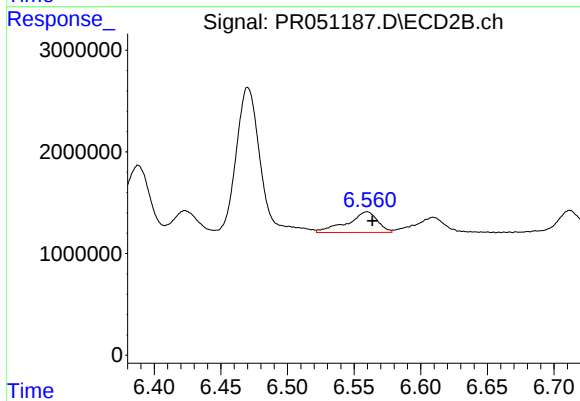
#31 AR-1260-1

R.T.: 6.388 min  
Delta R.T.: 0.011 min  
Response: 8579686  
Conc: 22.83 ng/ml



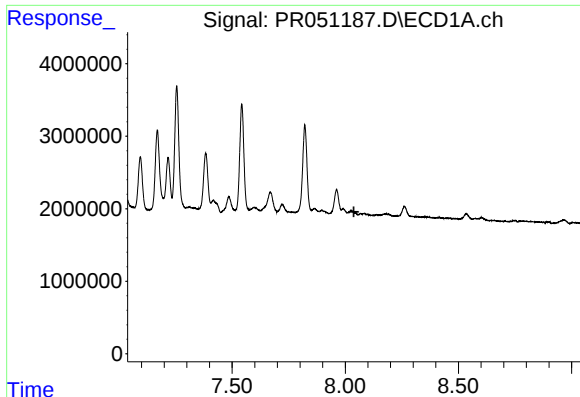
#32 AR-1260-2

R.T.: 7.669 min  
Delta R.T.: -0.010 min  
Response: 4619104  
Conc: 10.78 ng/ml



#32 AR-1260-2

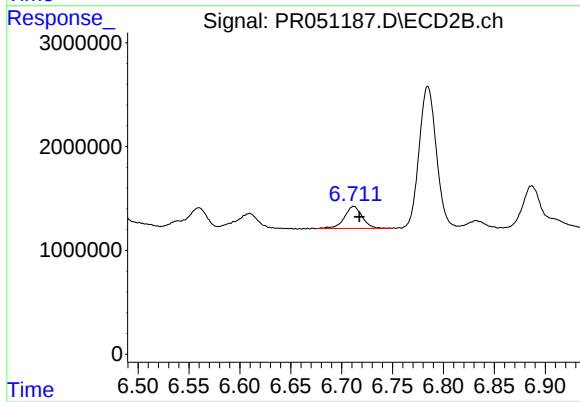
R.T.: 6.560 min  
Delta R.T.: -0.004 min  
Response: 3240496  
Conc: 7.14 ng/ml



#33 AR-1260-3

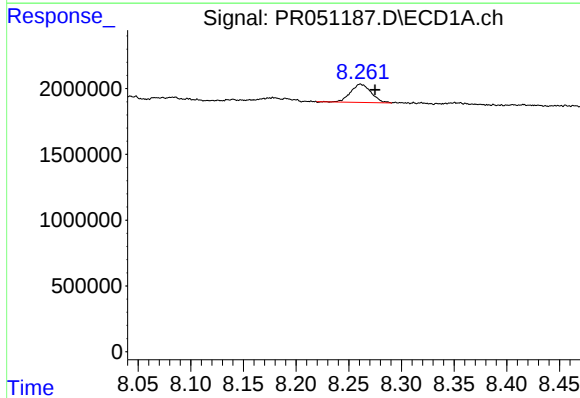
R.T.: 0.000 min  
Exp R.T.: 8.038 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



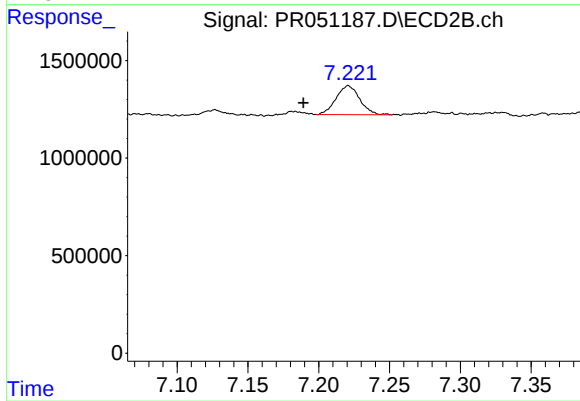
#33 AR-1260-3

R.T.: 6.712 min  
Delta R.T.: -0.006 min  
Response: 2589805  
Conc: 5.93 ng/ml



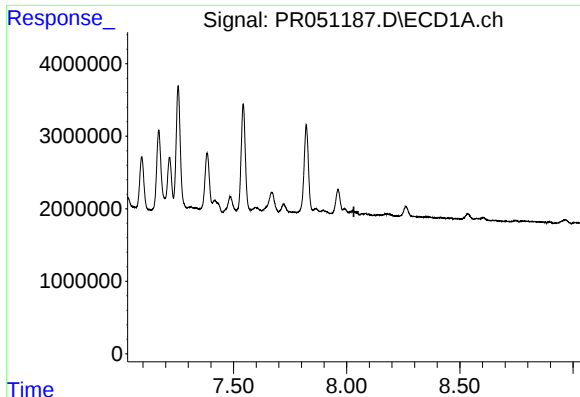
#34 AR-1260-4

R.T.: 8.261 min  
Delta R.T.: -0.014 min  
Response: 1887422  
Conc: 5.22 ng/ml



#34 AR-1260-4

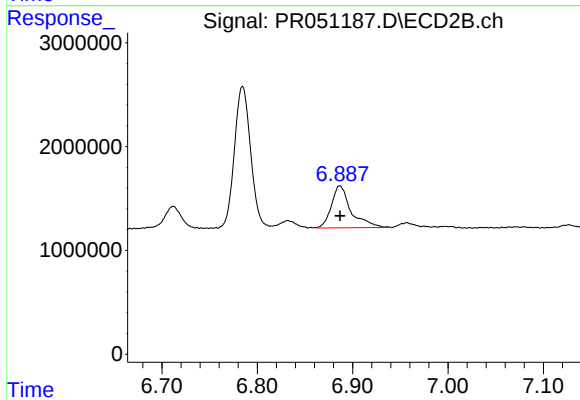
R.T.: 7.221 min  
Delta R.T.: 0.032 min  
Response: 1724001  
Conc: 4.58 ng/ml



#36 AR-1262-1

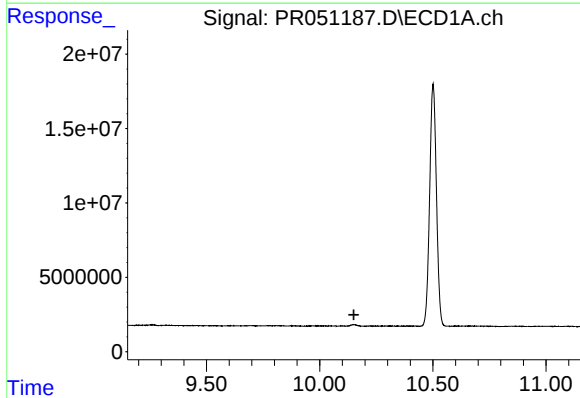
R.T.: 0.000 min  
Exp R.T.: 8.032 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



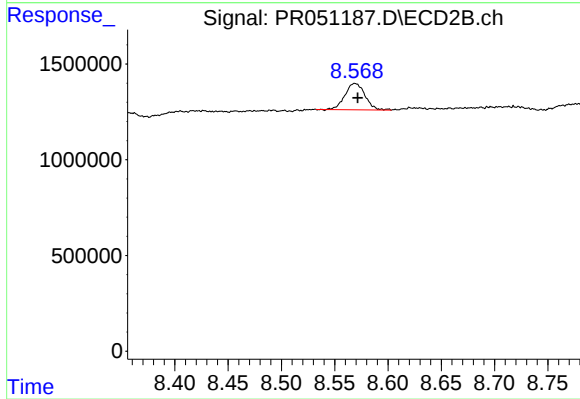
#36 AR-1262-1

R.T.: 6.887 min  
Delta R.T.: 0.000 min  
Response: 5785976  
Conc: 19.40 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.151 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 1809531  
Conc: 0.48 ng/ml