

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP050324\  
 Data File : PP064734.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 May 2024 22:07  
 Operator : YP\AJ  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 04 04:45:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP043024.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed May 01 05:01:39 2024  
 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... | 4.378  | 3.454  | 73221095 | 110.5E6  | 41.601  | 46.871    |
| 2)                          | SA Decachlor... | 10.069 | 8.352  | 50793691 | 84250148 | 57.090  | 45.165    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.541  | 4.514  | 17841747 | 28899876 | 373.243 | 420.536   |
| 4)                          | L1 AR-1016-2    | 5.564  | 4.532  | 26318126 | 40885120 | 362.189 | 404.402   |
| 5)                          | L1 AR-1016-3    | 5.625  | 4.703  | 17373117 | 22783042 | 367.524 | 416.792   |
| 6)                          | L1 AR-1016-4    | 5.724  | 4.746  | 14007861 | 18358033 | 374.840 | 390.085   |
| 7)                          | L1 AR-1016-5    | 6.018  | 4.954  | 14168206 | 25171689 | 367.773 | 418.418   |
| 8)                          | L2 AR-1221-1    | 4.581  | 3.662  | 2171945  | 3732640  | 115.812 | 134.544   |
| 9)                          | L2 AR-1221-2    | 4.672  | 3.746  | 3046612  | 5319471  | 228.380 | 257.952   |
| 10)                         | L2 AR-1221-3    | 4.747  | 3.820  | 10764888 | 18192225 | 269.618 | 296.022   |
| 11)                         | L3 AR-1232-1    | 4.747  | 3.820  | 10764888 | 18192225 | 332.755 | 365.238   |
| 12)                         | L3 AR-1232-2    | 5.274  | 4.532  | 14930449 | 40885120 | 794.819 | 916.075   |
| 13)                         | L3 AR-1232-3    | 5.564  | 4.703  | 26318126 | 22783042 | 813.319 | 956.940   |
| 14)                         | L3 AR-1232-4    | 5.724  | 4.786  | 14007861 | 23317444 | 840.645 | 991.331   |
| 15)                         | L3 AR-1232-5    | 5.814  | 4.954  | 12688020 | 25171689 | 894.262 | 1015.784  |
| 16)                         | L4 AR-1242-1    | 5.541  | 4.514  | 17841747 | 28899876 | 444.568 | 507.260   |
| 17)                         | L4 AR-1242-2    | 5.564  | 4.532  | 26318126 | 40885120 | 435.439 | 494.726   |
| 18)                         | L4 AR-1242-3    | 5.625  | 4.703  | 17373117 | 22783042 | 437.051 | 505.292   |
| 19)                         | L4 AR-1242-4    | 5.724  | 4.786  | 14007861 | 23317444 | 446.133 | 482.674   |
| 20)                         | L4 AR-1242-5    | 6.459  | 5.300  | 14119750 | 27531339 | 470.053 | 547.906   |
| 21)                         | L5 AR-1248-1    | 5.541  | 4.514  | 17841747 | 28899876 | 588.066 | 666.642   |
| 22)                         | L5 AR-1248-2    | 5.814  | 4.746  | 12688020 | 18358033 | 252.948 | 268.750   |
| 23)                         | L5 AR-1248-3    | 6.018  | 4.786  | 14168206 | 23317444 | 263.876 | 326.090   |
| 24)                         | L5 AR-1248-4    | 6.420  | 4.954  | 13263987 | 25171689 | 267.831 | 303.371   |
| 25)                         | L5 AR-1248-5    | 6.459  | 5.340  | 14119750 | 22827625 | 274.218 | 353.360 # |
| 26)                         | L6 AR-1254-1    | 6.393  | 5.300  | 9998890  | 27531339 | 167.465 | 233.487 # |
| 27)                         | L6 AR-1254-2    | 6.616  | 5.446  | 11869045 | 8088452  | 135.237 | 76.715 #  |
| 28)                         | L6 AR-1254-3    | 6.978  | 5.842  | 5150306  | 9329897  | 60.712  | 58.116    |
| 29)                         | L6 AR-1254-4    | 7.262  | 6.068  | 3304456  | 6547247  | 74.202  | 91.056    |
| 30)                         | L6 AR-1254-5    | 7.680  | 6.481  | 1198619  | 2181452  | 21.735  | 16.733    |
| 31)                         | L7 AR-1260-1    | 7.142  | 5.984  | 531453   | 5182387  | 7.768   | 44.125 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.156  | 0        | 1354911  | N.D.    | 10.360 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.305  | 0        | 1336004  | N.D.    | 10.394 #  |
| 34)                         | L7 AR-1260-4    | 7.967f | 6.811f | 299186   | 704075   | 5.078   | 6.774 #   |
| -----                       |                 |        |        |          |          |         |           |

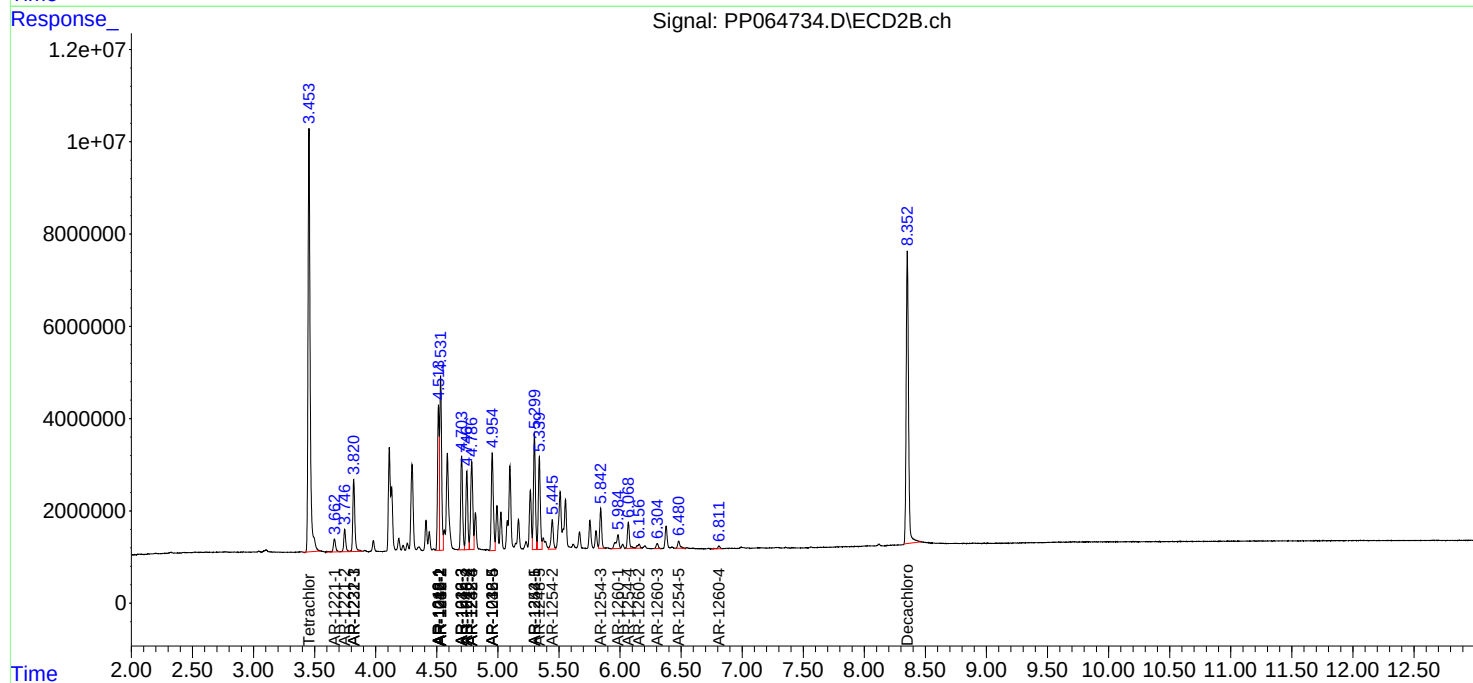
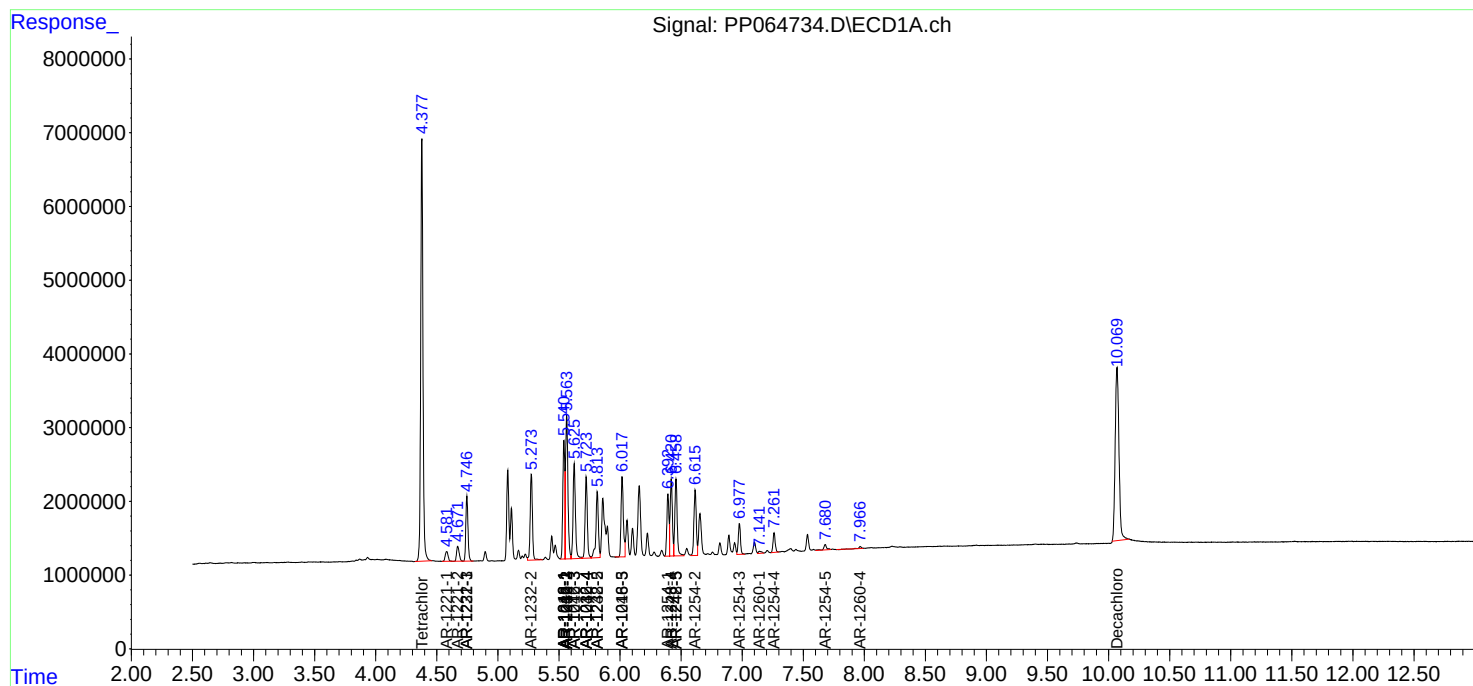
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

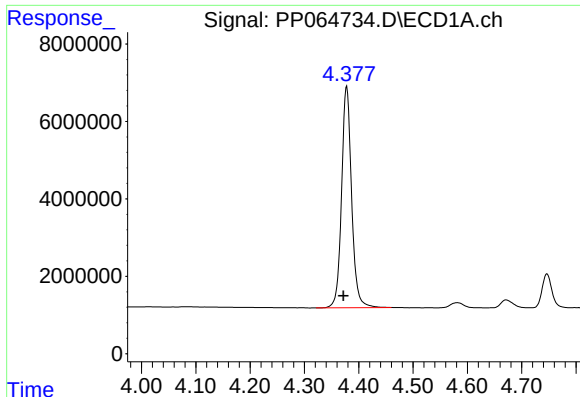
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP050324\  
Data File : PP064734.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 May 2024 22:07  
Operator : YP\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 04 04:45:33 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP043024.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed May 01 05:01:39 2024  
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

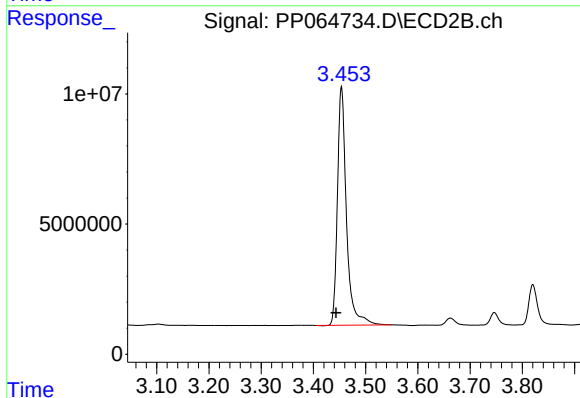




#1 Tetrachloro-m-xylene

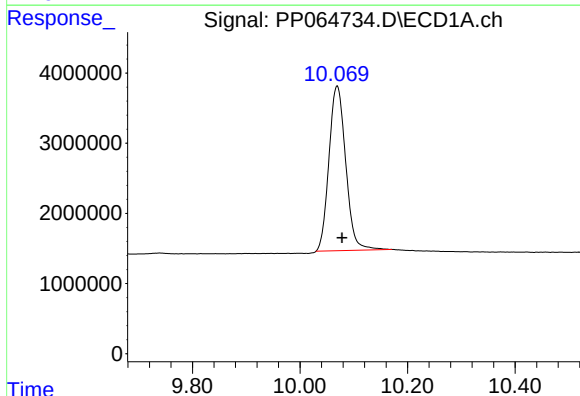
R.T.: 4.378 min  
Delta R.T.: 0.006 min  
Response: 73221095  
Conc: 41.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



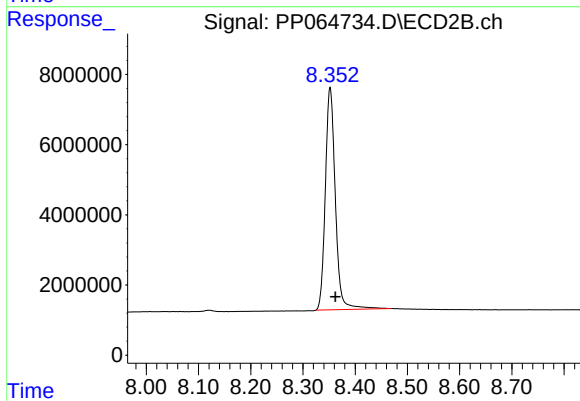
#1 Tetrachloro-m-xylene

R.T.: 3.454 min  
Delta R.T.: 0.011 min  
Response: 110508752  
Conc: 46.87 ng/ml



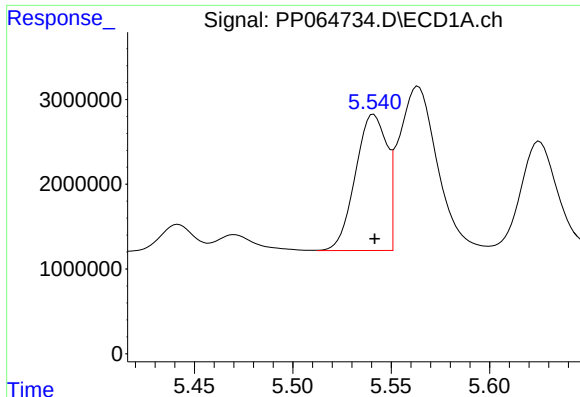
#2 Decachlorobiphenyl

R.T.: 10.069 min  
Delta R.T.: -0.009 min  
Response: 50793691  
Conc: 57.09 ng/ml



#2 Decachlorobiphenyl

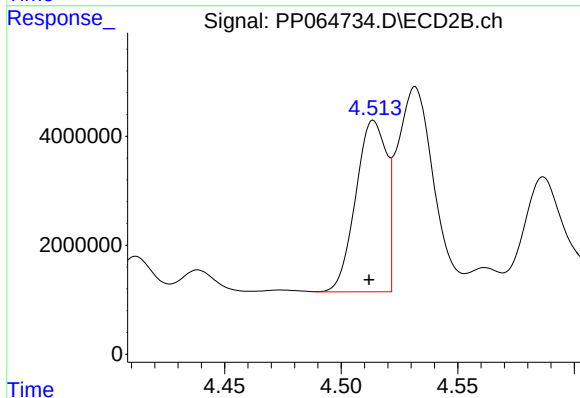
R.T.: 8.352 min  
Delta R.T.: -0.010 min  
Response: 84250148  
Conc: 45.16 ng/ml



#3 AR-1016-1

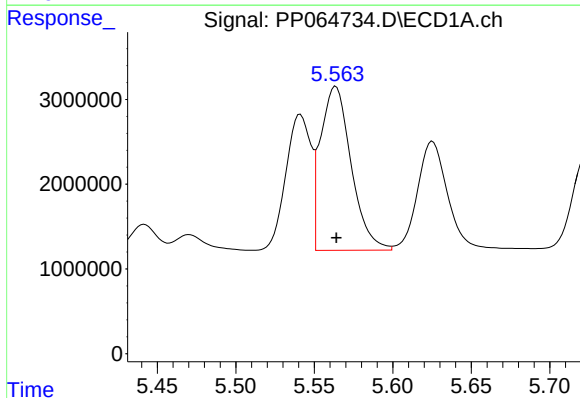
R.T.: 5.541 min  
Delta R.T.: 0.000 min  
Response: 17841747  
Conc: 373.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



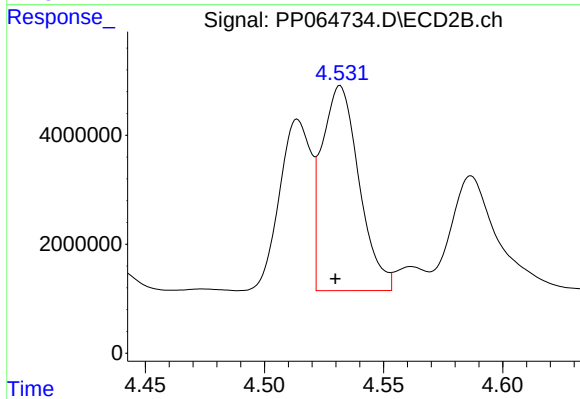
#3 AR-1016-1

R.T.: 4.514 min  
Delta R.T.: 0.002 min  
Response: 28899876  
Conc: 420.54 ng/ml



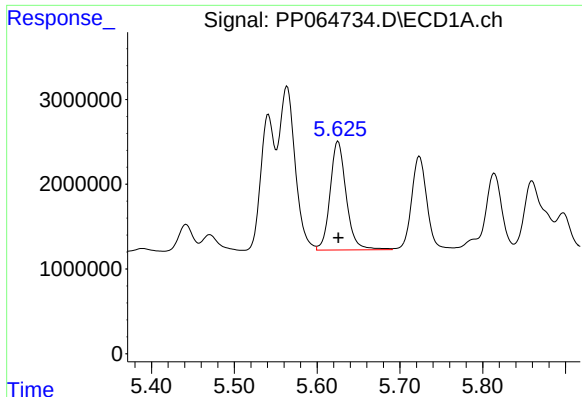
#4 AR-1016-2

R.T.: 5.564 min  
Delta R.T.: 0.000 min  
Response: 26318126  
Conc: 362.19 ng/ml



#4 AR-1016-2

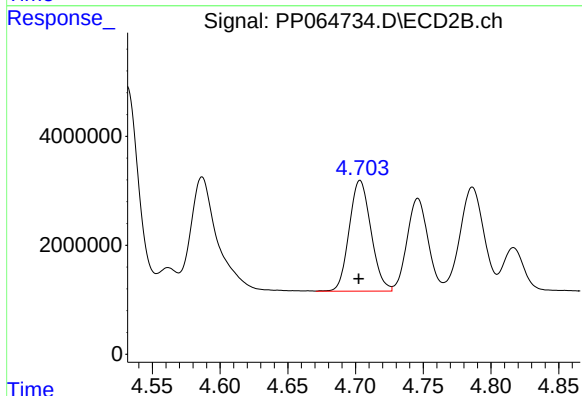
R.T.: 4.532 min  
Delta R.T.: 0.002 min  
Response: 40885120  
Conc: 404.40 ng/ml



#5 AR-1016-3

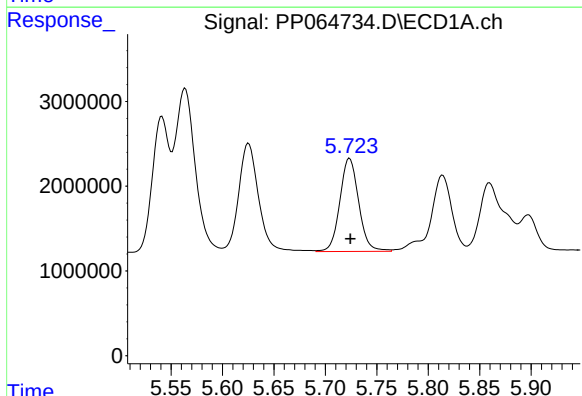
R.T.: 5.625 min  
Delta R.T.: 0.000 min  
Response: 17373117  
Conc: 367.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



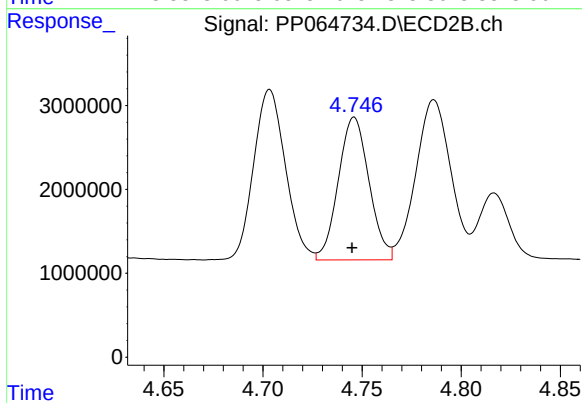
#5 AR-1016-3

R.T.: 4.703 min  
Delta R.T.: 0.001 min  
Response: 22783042  
Conc: 416.79 ng/ml



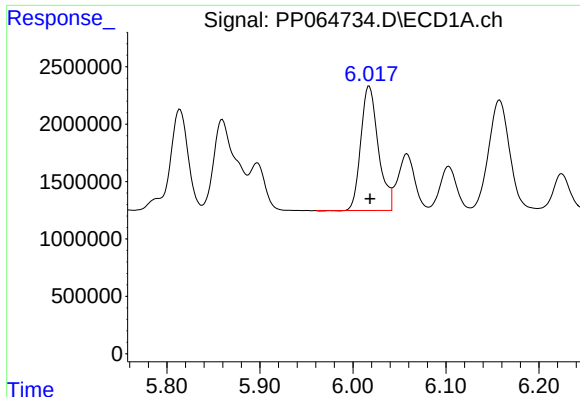
#6 AR-1016-4

R.T.: 5.724 min  
Delta R.T.: 0.000 min  
Response: 14007861  
Conc: 374.84 ng/ml



#6 AR-1016-4

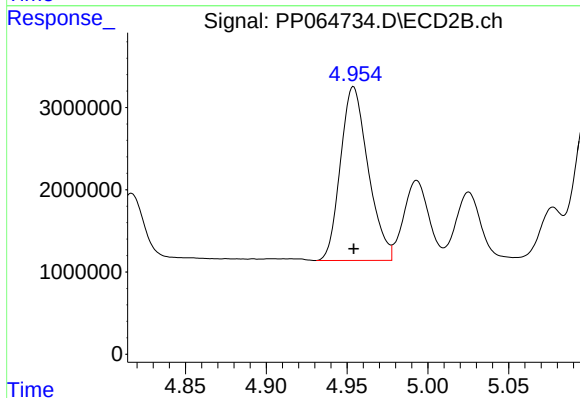
R.T.: 4.746 min  
Delta R.T.: 0.001 min  
Response: 18358033  
Conc: 390.08 ng/ml



#7 AR-1016-5

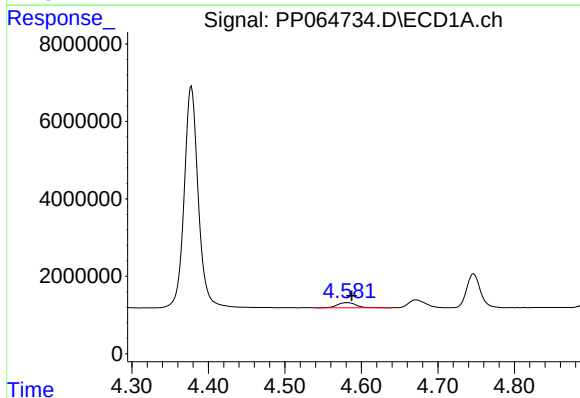
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 14168206  
Conc: 367.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



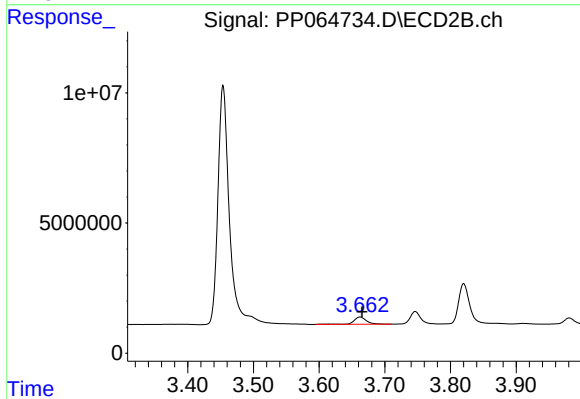
#7 AR-1016-5

R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 25171689  
Conc: 418.42 ng/ml



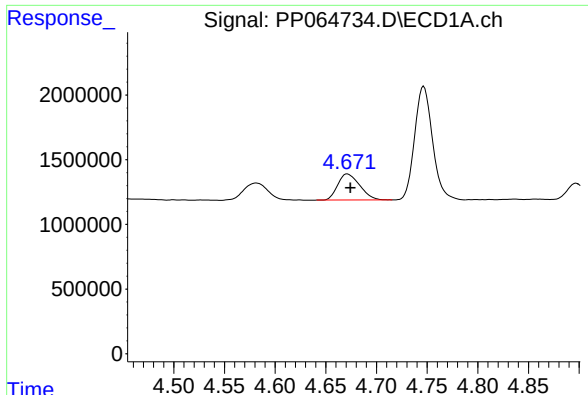
#8 AR-1221-1

R.T.: 4.581 min  
Delta R.T.: -0.006 min  
Response: 2171945  
Conc: 115.81 ng/ml



#8 AR-1221-1

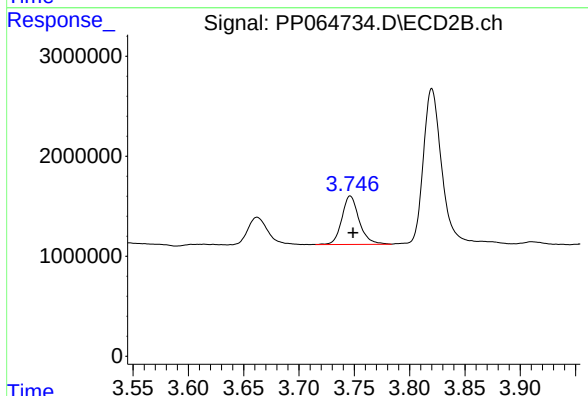
R.T.: 3.662 min  
Delta R.T.: -0.004 min  
Response: 3732640  
Conc: 134.54 ng/ml



#9 AR-1221-2

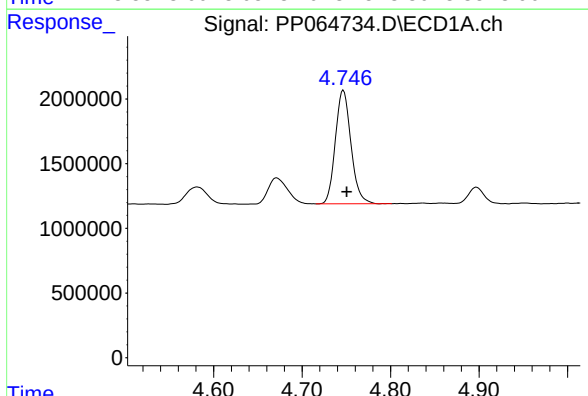
R.T.: 4.672 min  
Delta R.T.: -0.003 min  
Response: 3046612  
Conc: 228.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



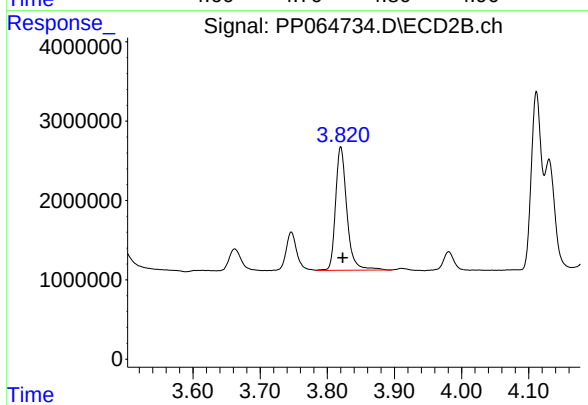
#9 AR-1221-2

R.T.: 3.746 min  
Delta R.T.: -0.002 min  
Response: 5319471  
Conc: 257.95 ng/ml



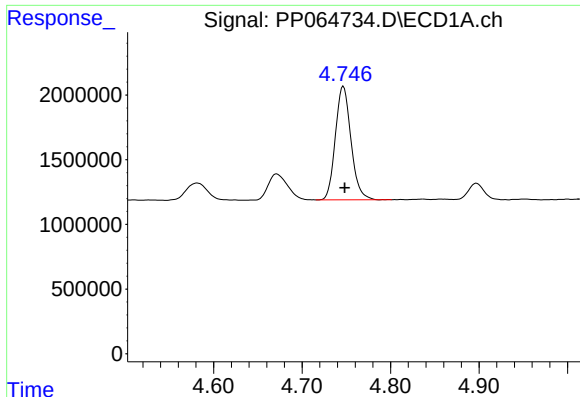
#10 AR-1221-3

R.T.: 4.747 min  
Delta R.T.: -0.004 min  
Response: 10764888  
Conc: 269.62 ng/ml



#10 AR-1221-3

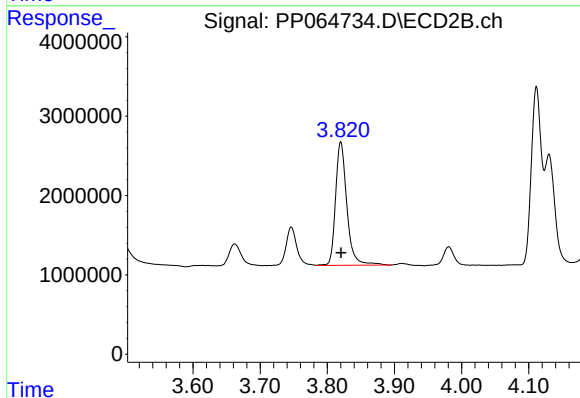
R.T.: 3.820 min  
Delta R.T.: -0.003 min  
Response: 18192225  
Conc: 296.02 ng/ml



#11 AR-1232-1

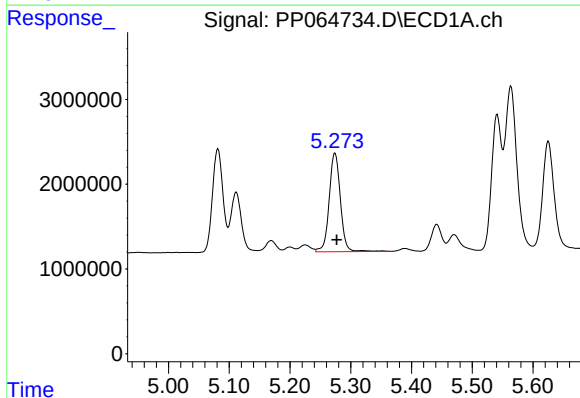
R.T.: 4.747 min  
Delta R.T.: -0.001 min  
Response: 10764888  
Conc: 332.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



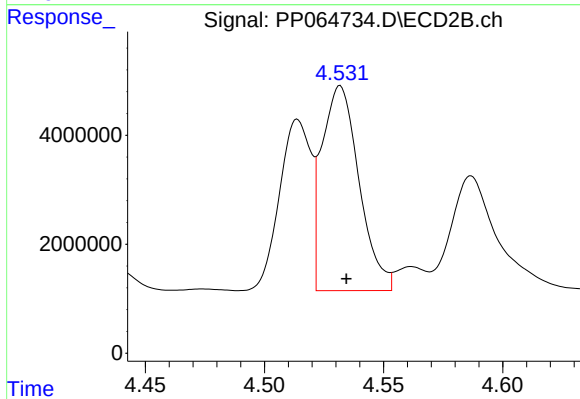
#11 AR-1232-1

R.T.: 3.820 min  
Delta R.T.: 0.000 min  
Response: 18192225  
Conc: 365.24 ng/ml



#12 AR-1232-2

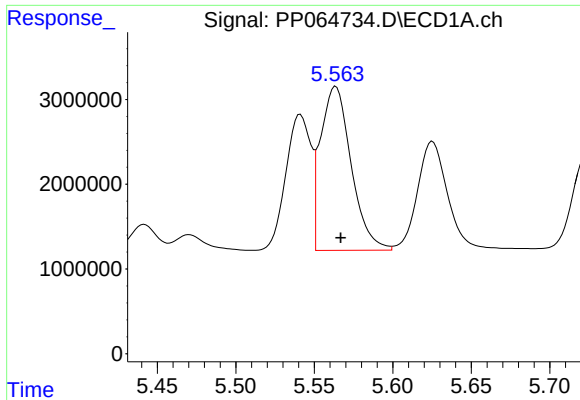
R.T.: 5.274 min  
Delta R.T.: -0.003 min  
Response: 14930449  
Conc: 794.82 ng/ml



#12 AR-1232-2

R.T.: 4.532 min  
Delta R.T.: -0.003 min  
Response: 40885120  
Conc: 916.08 ng/ml

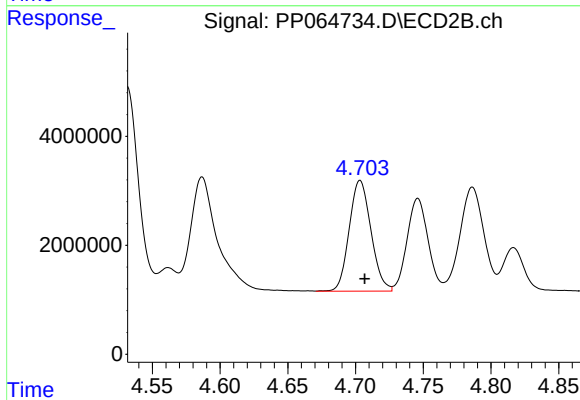




#13 AR-1232-3

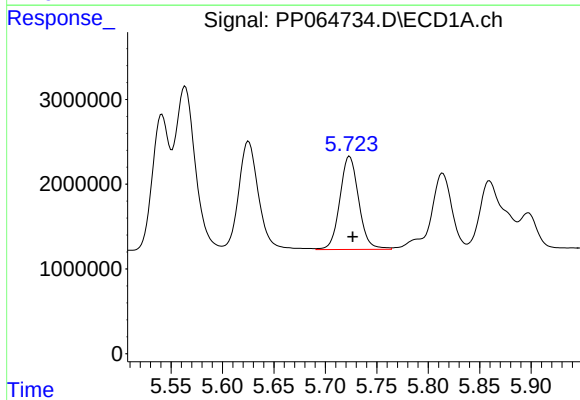
R.T.: 5.564 min  
Delta R.T.: -0.003 min  
Response: 26318126  
Conc: 813.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



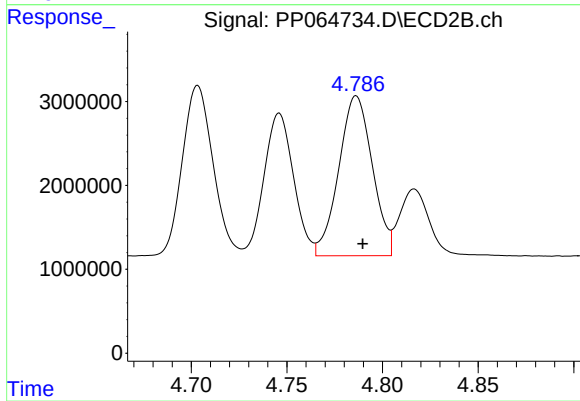
#13 AR-1232-3

R.T.: 4.703 min  
Delta R.T.: -0.003 min  
Response: 22783042  
Conc: 956.94 ng/ml



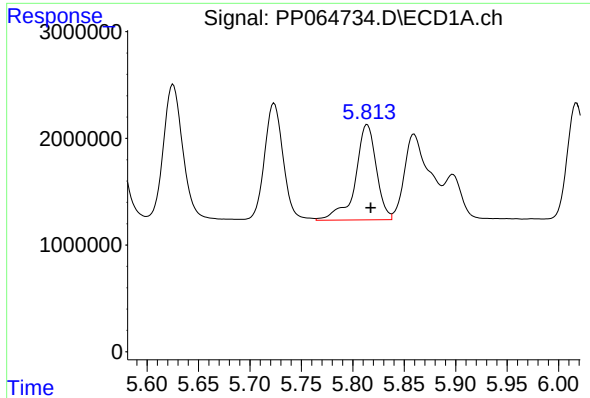
#14 AR-1232-4

R.T.: 5.724 min  
Delta R.T.: -0.003 min  
Response: 14007861  
Conc: 840.65 ng/ml



#14 AR-1232-4

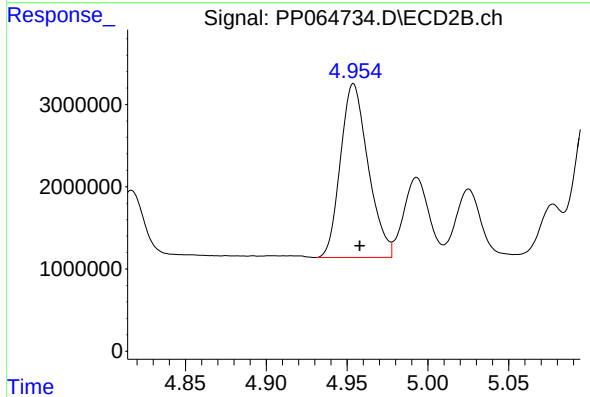
R.T.: 4.786 min  
Delta R.T.: -0.003 min  
Response: 23317444  
Conc: 991.33 ng/ml



#15 AR-1232-5

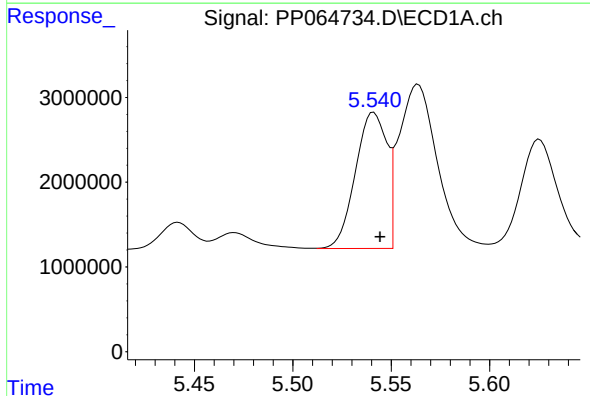
R.T.: 5.814 min  
Delta R.T.: -0.004 min  
Response: 12688020  
Conc: 894.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



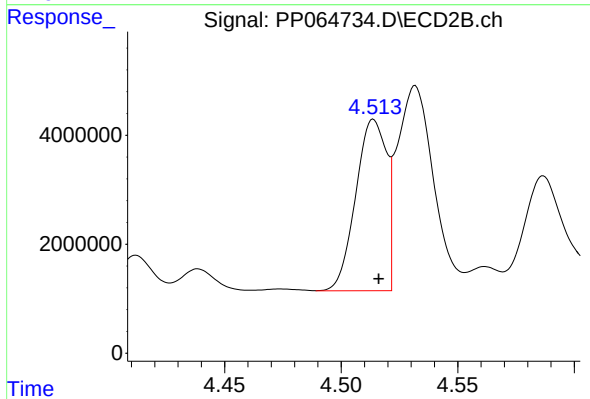
#15 AR-1232-5

R.T.: 4.954 min  
Delta R.T.: -0.004 min  
Response: 25171689  
Conc: 1015.78 ng/ml



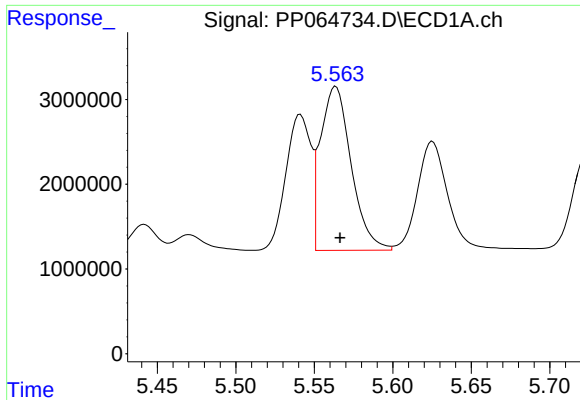
#16 AR-1242-1

R.T.: 5.541 min  
Delta R.T.: -0.003 min  
Response: 17841747  
Conc: 444.57 ng/ml



#16 AR-1242-1

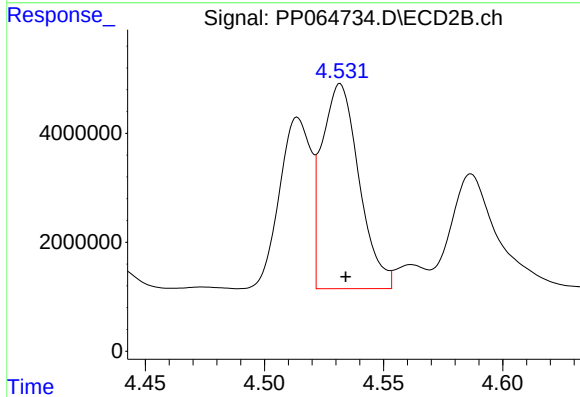
R.T.: 4.514 min  
Delta R.T.: -0.002 min  
Response: 28899876  
Conc: 507.26 ng/ml



#17 AR-1242-2

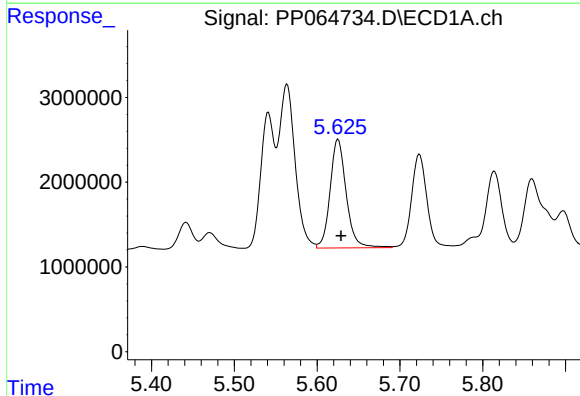
R.T.: 5.564 min  
Delta R.T.: -0.003 min  
Response: 26318126  
Conc: 435.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



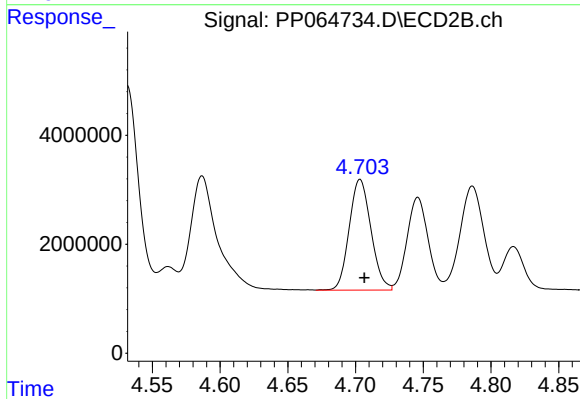
#17 AR-1242-2

R.T.: 4.532 min  
Delta R.T.: -0.002 min  
Response: 40885120  
Conc: 494.73 ng/ml



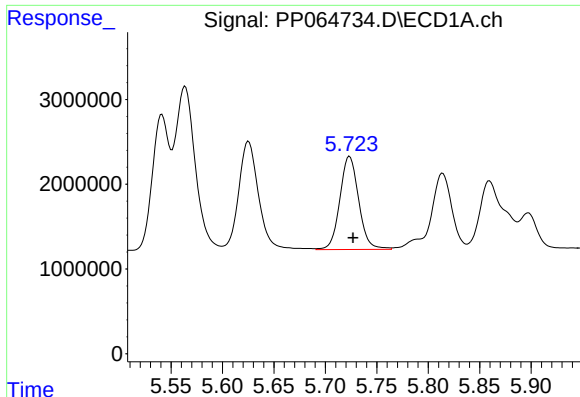
#18 AR-1242-3

R.T.: 5.625 min  
Delta R.T.: -0.004 min  
Response: 17373117  
Conc: 437.05 ng/ml



#18 AR-1242-3

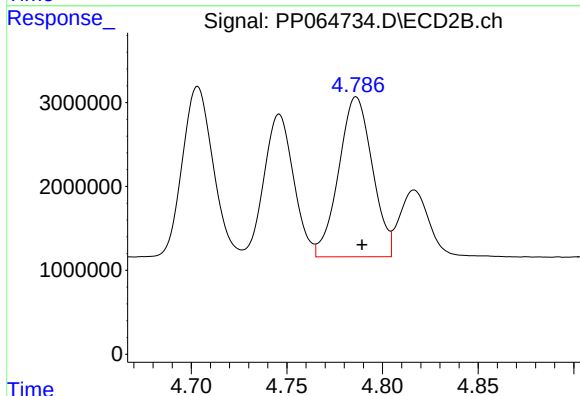
R.T.: 4.703 min  
Delta R.T.: -0.003 min  
Response: 22783042  
Conc: 505.29 ng/ml



#19 AR-1242-4

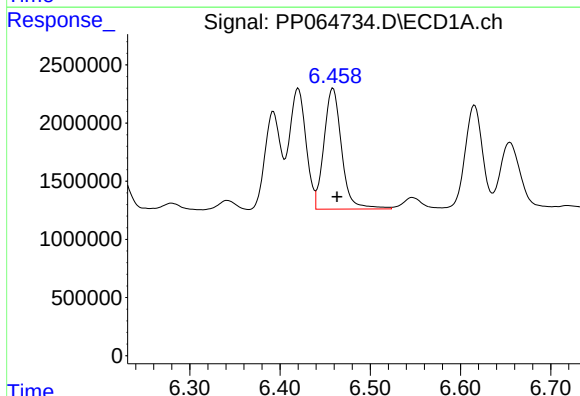
R.T.: 5.724 min  
Delta R.T.: -0.003 min  
Response: 14007861  
Conc: 446.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



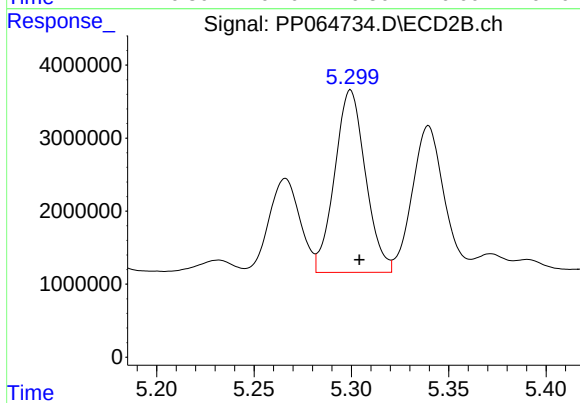
#19 AR-1242-4

R.T.: 4.786 min  
Delta R.T.: -0.003 min  
Response: 23317444  
Conc: 482.67 ng/ml



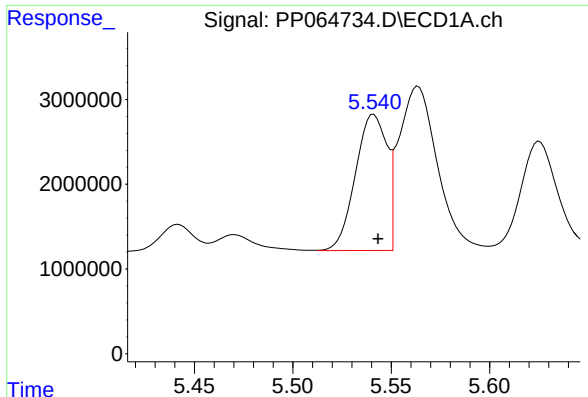
#20 AR-1242-5

R.T.: 6.459 min  
Delta R.T.: -0.004 min  
Response: 14119750  
Conc: 470.05 ng/ml



#20 AR-1242-5

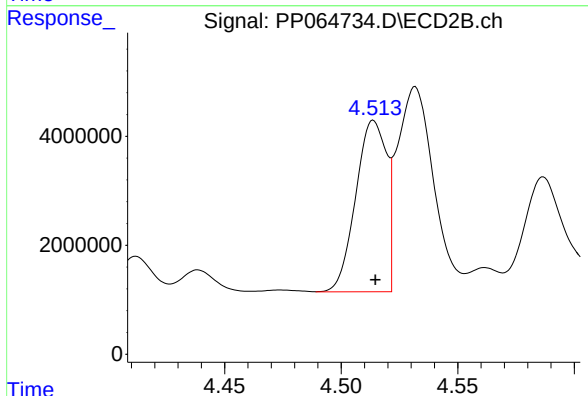
R.T.: 5.300 min  
Delta R.T.: -0.004 min  
Response: 27531339  
Conc: 547.91 ng/ml



#21 AR-1248-1

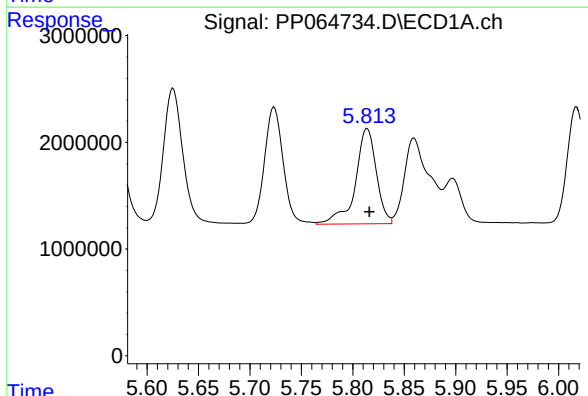
R.T.: 5.541 min  
Delta R.T.: -0.002 min  
Response: 17841747  
Conc: 588.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



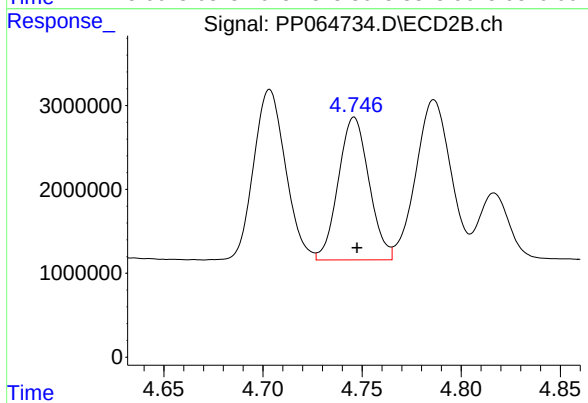
#21 AR-1248-1

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 28899876  
Conc: 666.64 ng/ml



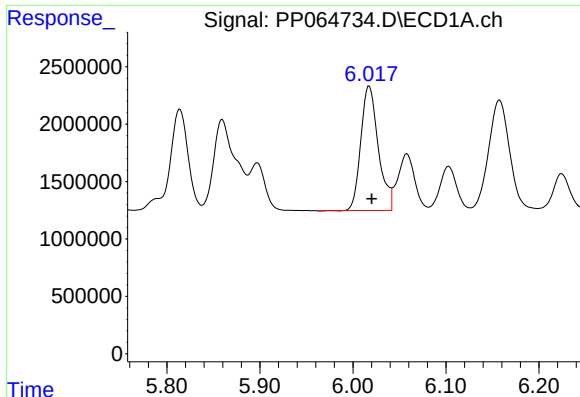
#22 AR-1248-2

R.T.: 5.814 min  
Delta R.T.: -0.002 min  
Response: 12688020  
Conc: 252.95 ng/ml



#22 AR-1248-2

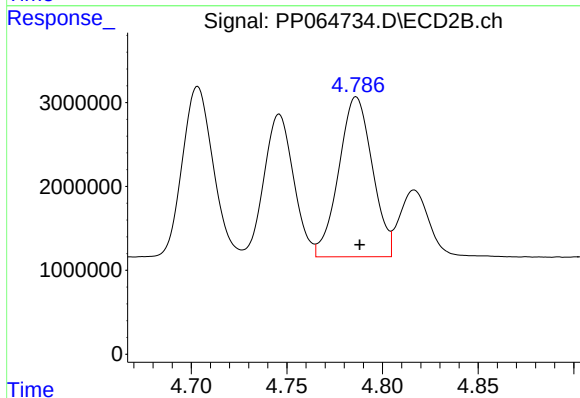
R.T.: 4.746 min  
Delta R.T.: -0.001 min  
Response: 18358033  
Conc: 268.75 ng/ml



#23 AR-1248-3

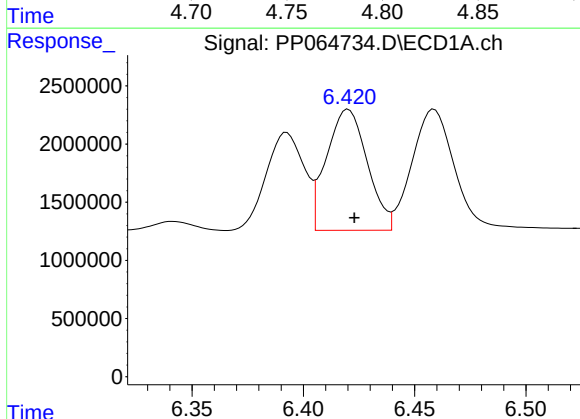
R.T.: 6.018 min  
Delta R.T.: -0.003 min  
Response: 14168206  
Conc: 263.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



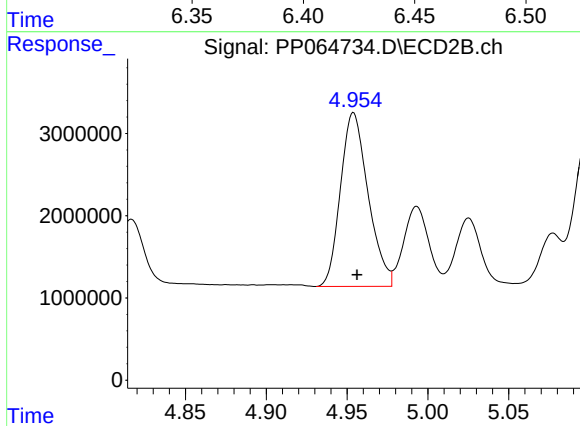
#23 AR-1248-3

R.T.: 4.786 min  
Delta R.T.: -0.002 min  
Response: 23317444  
Conc: 326.09 ng/ml



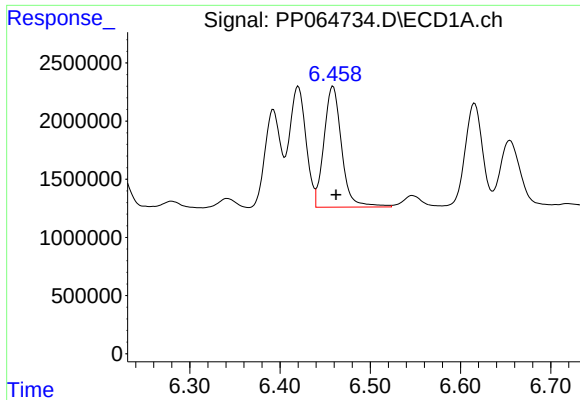
#24 AR-1248-4

R.T.: 6.420 min  
Delta R.T.: -0.003 min  
Response: 13263987  
Conc: 267.83 ng/ml



#24 AR-1248-4

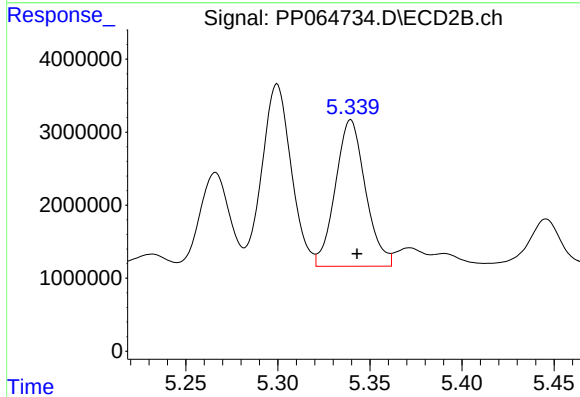
R.T.: 4.954 min  
Delta R.T.: -0.002 min  
Response: 25171689  
Conc: 303.37 ng/ml



#25 AR-1248-5

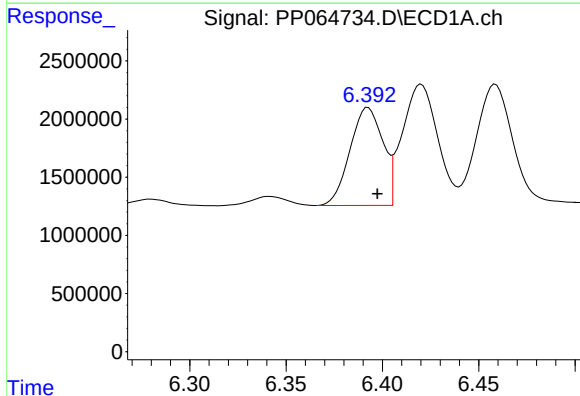
R.T.: 6.459 min  
Delta R.T.: -0.003 min  
Response: 14119750  
Conc: 274.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



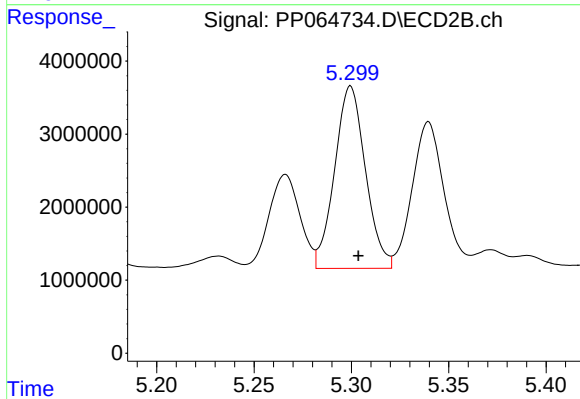
#25 AR-1248-5

R.T.: 5.340 min  
Delta R.T.: -0.003 min  
Response: 22827625  
Conc: 353.36 ng/ml



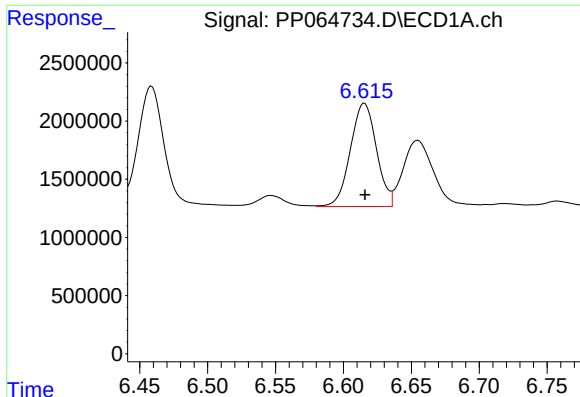
#26 AR-1254-1

R.T.: 6.393 min  
Delta R.T.: -0.005 min  
Response: 9998890  
Conc: 167.46 ng/ml



#26 AR-1254-1

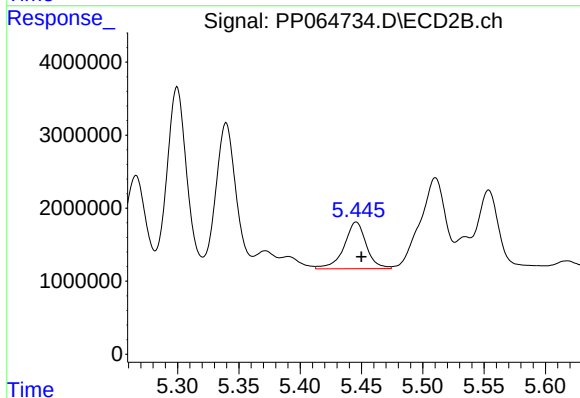
R.T.: 5.300 min  
Delta R.T.: -0.004 min  
Response: 27531339  
Conc: 233.49 ng/ml



#27 AR-1254-2

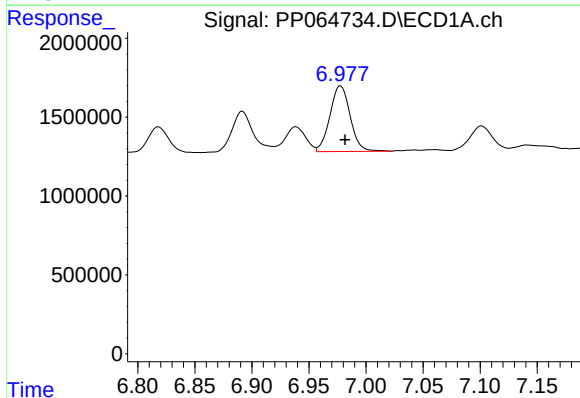
R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 11869045  
Conc: 135.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



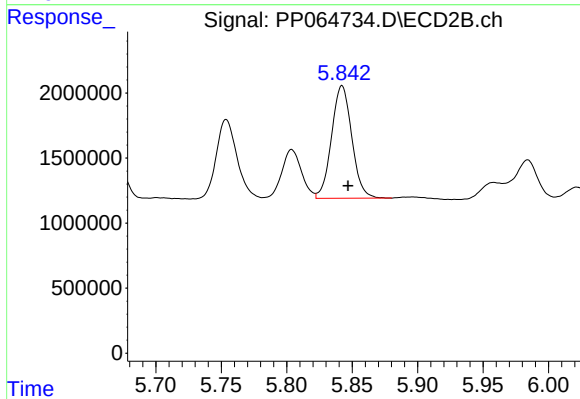
#27 AR-1254-2

R.T.: 5.446 min  
Delta R.T.: -0.004 min  
Response: 8088452  
Conc: 76.71 ng/ml



#28 AR-1254-3

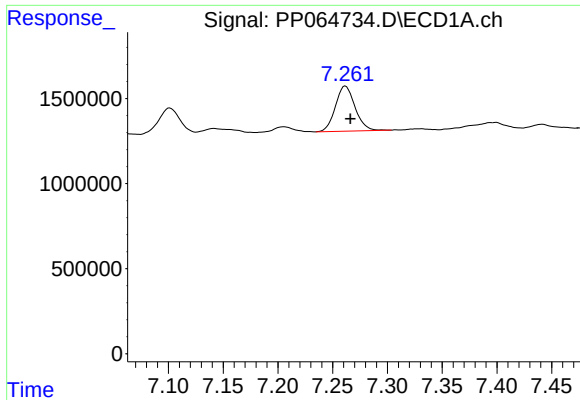
R.T.: 6.978 min  
Delta R.T.: -0.004 min  
Response: 5150306  
Conc: 60.71 ng/ml



#28 AR-1254-3

R.T.: 5.842 min  
Delta R.T.: -0.005 min  
Response: 9329897  
Conc: 58.12 ng/ml

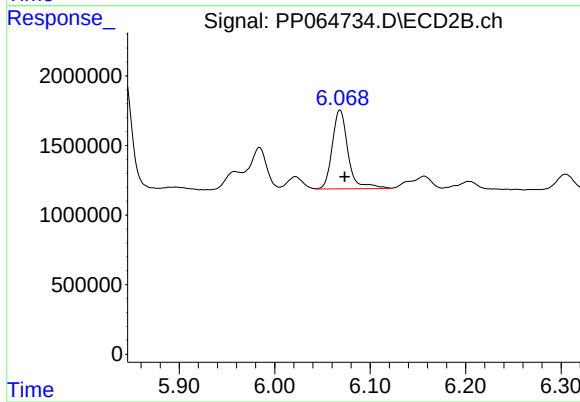




#29 AR-1254-4

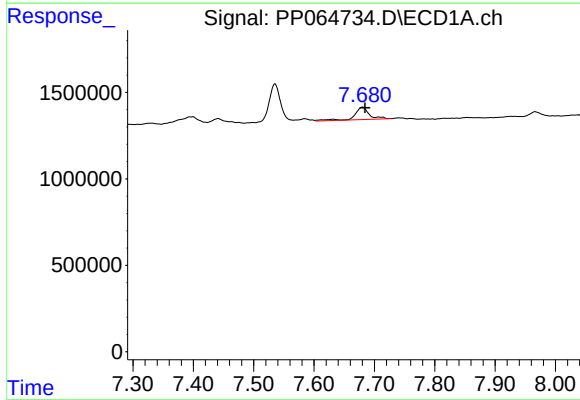
R.T.: 7.262 min  
Delta R.T.: -0.005 min  
Response: 3304456  
Conc: 74.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



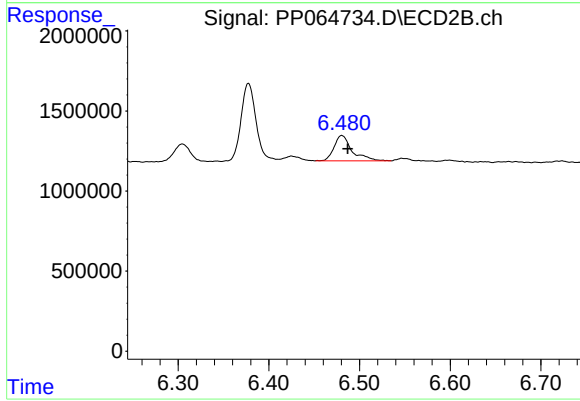
#29 AR-1254-4

R.T.: 6.068 min  
Delta R.T.: -0.005 min  
Response: 6547247  
Conc: 91.06 ng/ml



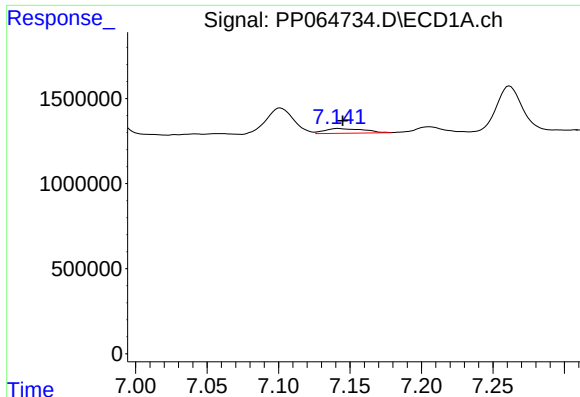
#30 AR-1254-5

R.T.: 7.680 min  
Delta R.T.: -0.004 min  
Response: 1198619  
Conc: 21.73 ng/ml



#30 AR-1254-5

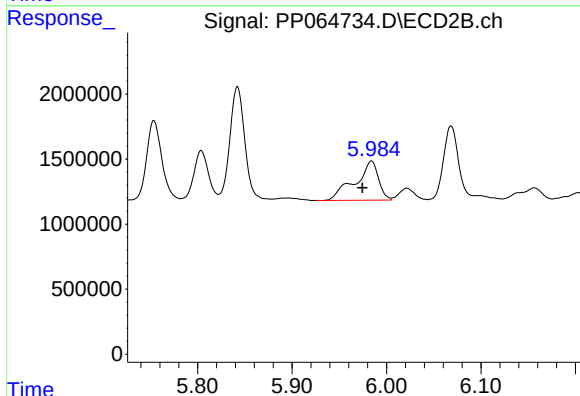
R.T.: 6.481 min  
Delta R.T.: -0.006 min  
Response: 2181452  
Conc: 16.73 ng/ml



#31 AR-1260-1

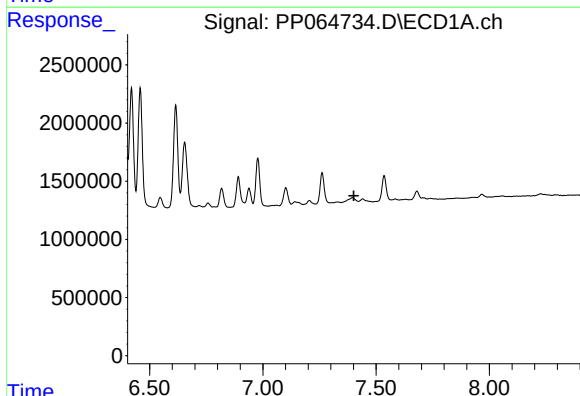
R.T.: 7.142 min  
Delta R.T.: -0.003 min  
Response: 531453  
Conc: 7.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



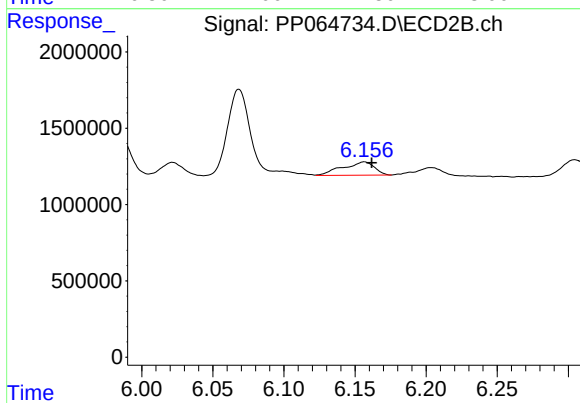
#31 AR-1260-1

R.T.: 5.984 min  
Delta R.T.: 0.009 min  
Response: 5182387  
Conc: 44.13 ng/ml



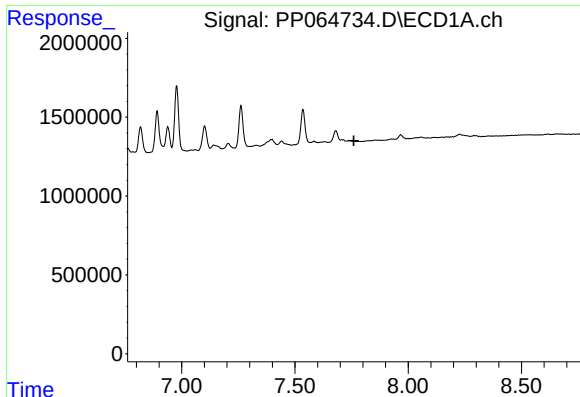
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 7.401 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

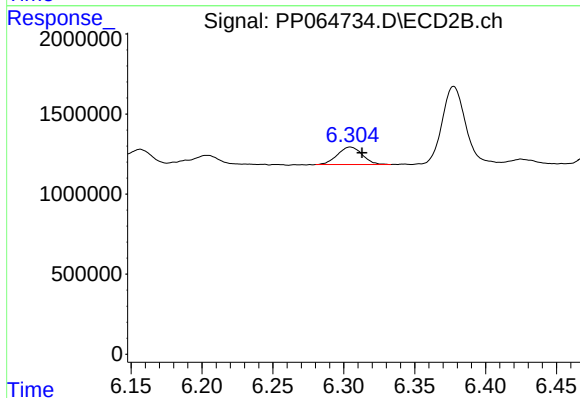
R.T.: 6.156 min  
Delta R.T.: -0.005 min  
Response: 1354911  
Conc: 10.36 ng/ml



#33 AR-1260-3

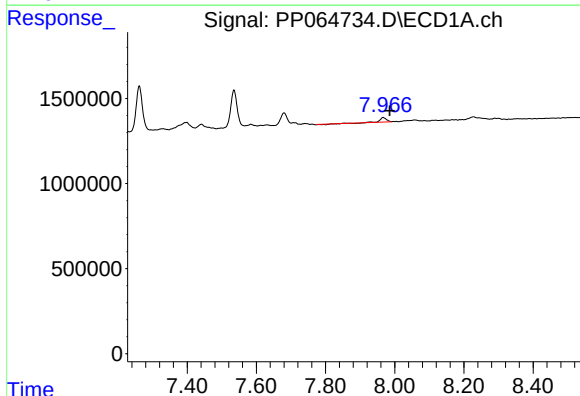
R.T.: 0.000 min  
Exp R.T.: 7.760 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



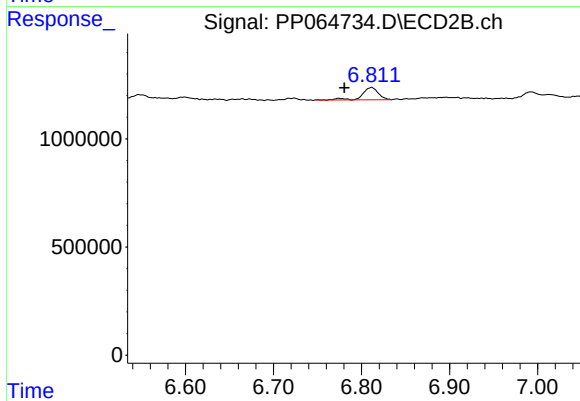
#33 AR-1260-3

R.T.: 6.305 min  
Delta R.T.: -0.008 min  
Response: 1336004  
Conc: 10.39 ng/ml



#34 AR-1260-4

R.T.: 7.967 min  
Delta R.T.: -0.019 min  
Response: 299186  
Conc: 5.08 ng/ml



#34 AR-1260-4

R.T.: 6.811 min  
Delta R.T.: 0.031 min  
Response: 704075  
Conc: 6.77 ng/ml