

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP112023\  
 Data File : PP061792.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2023 21:20  
 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: Nov 21 00:27:35 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP111523.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Nov 16 04:03:35 2023  
 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...          | 4.451  | 3.725  | 67845434 | 91392288 | 51.484   | 43.440   |
| 2) SA Decachlor...          | 10.237 | 8.852  | 49016455 | 77507117 | 48.552   | 47.488   |
| Target Compounds            |        |        |          |          |          |          |
| 3) L1 AR-1016-1             | 5.625  | 4.839  | 19585238 | 25384437 | 418.605  | 370.709  |
| 4) L1 AR-1016-2             | 5.648  | 4.858  | 29274971 | 35336962 | 410.653  | 373.511  |
| 5) L1 AR-1016-3             | 5.711  | 5.038  | 19573646 | 19227444 | 433.135  | 392.399  |
| 6) L1 AR-1016-4             | 5.809  | 5.080  | 15326360 | 16533228 | 420.033  | 381.166  |
| 7) L1 AR-1016-5             | 6.105  | 5.299  | 15779414 | 21301703 | 459.964  | 402.154  |
| 8) L2 AR-1221-1             | 4.656  | 3.944  | 2286680  | 3136410  | 142.024  | 115.652  |
| 9) L2 AR-1221-2             | 4.749  | 4.032  | 3362363  | 4468554  | 276.822  | 226.138  |
| 10) L2 AR-1221-3            | 4.823  | 4.111  | 11239070 | 15987964 | 301.437  | 273.294  |
| 11) L3 AR-1232-1            | 4.823  | 4.111  | 11239070 | 15987964 | 371.004  | 338.471  |
| 12) L3 AR-1232-2            | 5.357  | 4.858  | 15425415 | 35336962 | 891.298  | 849.116  |
| 13) L3 AR-1232-3            | 5.648  | 5.038  | 29274971 | 19227444 | 991.634  | 895.409  |
| 14) L3 AR-1232-4            | 5.809  | 5.123  | 15326360 | 20299890 | 1067.511 | 955.782  |
| 15) L3 AR-1232-5            | 5.901  | 5.299  | 13263759 | 21301703 | 1015.294 | 950.242  |
| 16) L4 AR-1242-1            | 5.625  | 4.839  | 19585238 | 25384437 | 504.794  | 446.889  |
| 17) L4 AR-1242-2            | 5.648  | 4.858  | 29274971 | 35336962 | 501.273  | 456.068  |
| 18) L4 AR-1242-3            | 5.711  | 5.038  | 19573646 | 19227444 | 507.221  | 474.802  |
| 19) L4 AR-1242-4            | 5.809  | 5.123  | 15326360 | 20299890 | 501.117  | 461.292  |
| 20) L4 AR-1242-5            | 6.549  | 5.656  | 15251008 | 23494052 | 494.292  | 497.097  |
| 21) L5 AR-1248-1            | 5.625  | 4.839  | 19585238 | 25384437 | 722.018  | 623.776  |
| 22) L5 AR-1248-2            | 5.901  | 5.080  | 13263759 | 16533228 | 301.351  | 274.059  |
| 23) L5 AR-1248-3            | 6.105  | 5.123  | 15779414 | 20299890 | 324.621  | 325.508  |
| 24) L5 AR-1248-4            | 6.510  | 5.299  | 14433170 | 21301703 | 282.009  | 300.455  |
| 25) L5 AR-1248-5            | 6.549  | 5.656  | 15251008 | 23494052 | 293.325  | 261.899  |
| 26) L6 AR-1254-1            | 6.482  | 5.656  | 11208653 | 23494052 | 193.641  | 233.999  |
| 27) L6 AR-1254-2            | 6.706  | 5.806  | 13512218 | 7274380  | 156.311  | 79.885 # |
| 28) L6 AR-1254-3            | 7.070  | 6.217  | 5992204  | 8761668  | 70.450   | 63.246   |
| 29) L6 AR-1254-4            | 7.358  | 6.449  | 3728375  | 6066802  | 71.224   | 90.195 # |
| 30) L6 AR-1254-5            | 7.778  | 6.873  | 1259146  | 2829343  | 20.063   | 24.072   |
| 31) L7 AR-1260-1            | 7.237  | 6.365  | 926985   | 4930332  | 13.362   | 49.010 # |
| 32) L7 AR-1260-2            | 7.494  | 6.539  | 1406238  | 1496942  | 18.773   | 12.933 # |
| 33) L7 AR-1260-3            | 0.000  | 6.695  | 0        | 1889226  | N.D.     | 17.237 # |
| 34) L7 AR-1260-4            | 8.066  | 7.212f | 555263   | 744016   | 9.326    | 9.077    |
| 45) L9 AR-1268-5            | 0.000  | 8.580  | 0        | 503488   | N.D.     | 0.871 #  |
| -----                       |        |        |          |          |          |          |

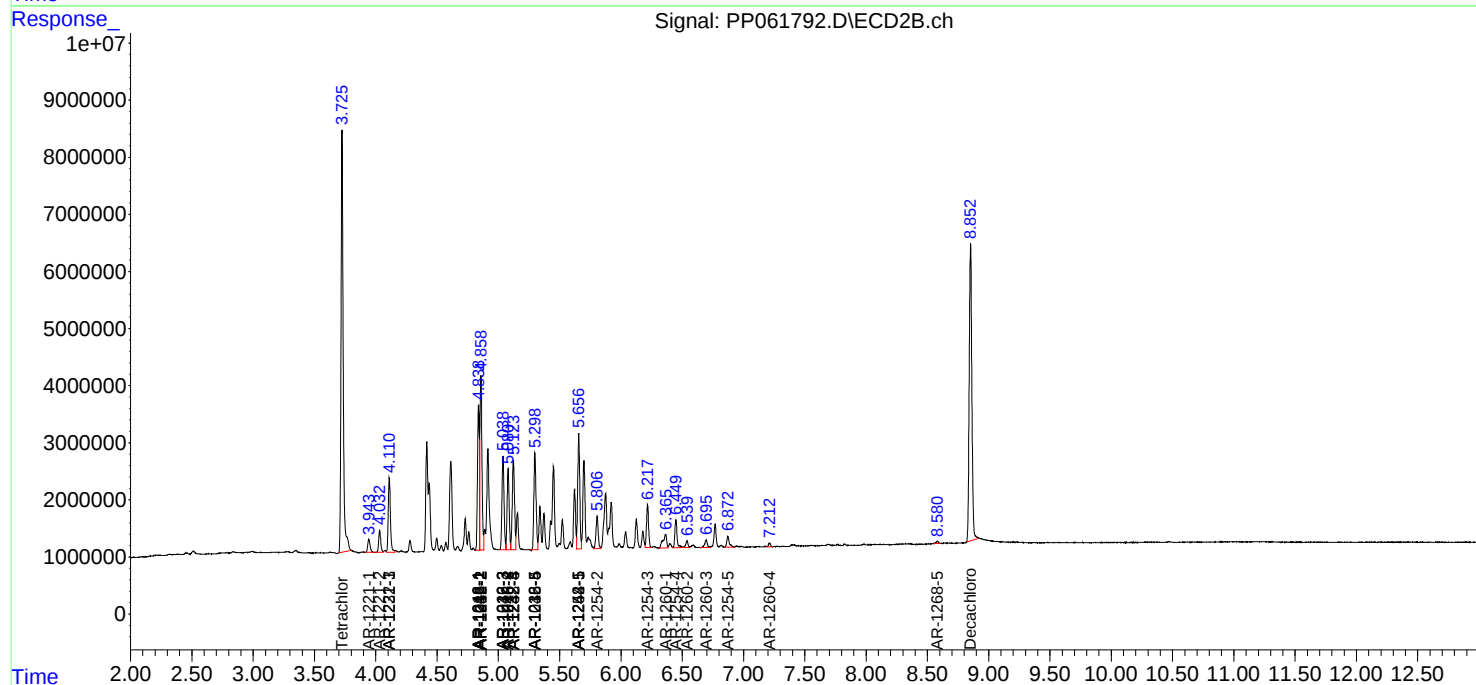
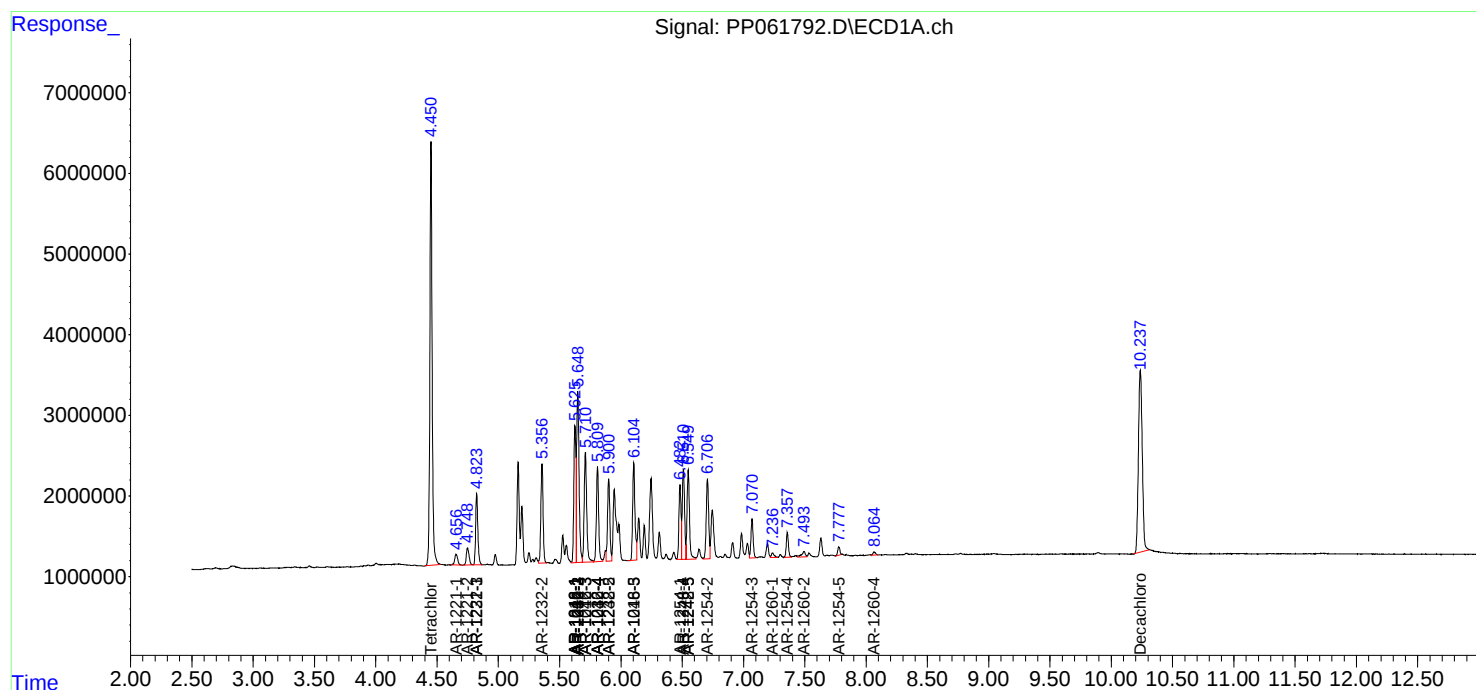
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

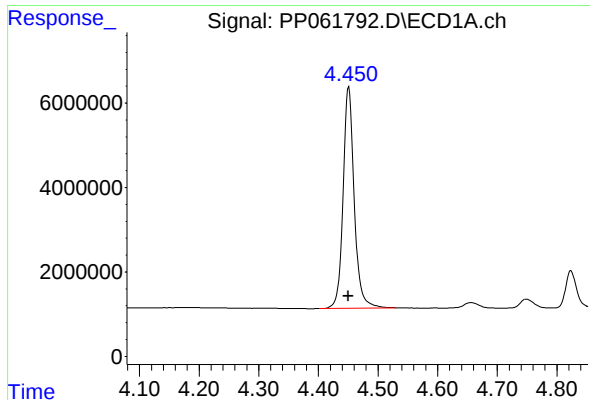
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP112023\  
Data File : PP061792.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2023 21:20  
Operator : YP\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 00:27:35 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP111523.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Nov 16 04:03:35 2023  
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

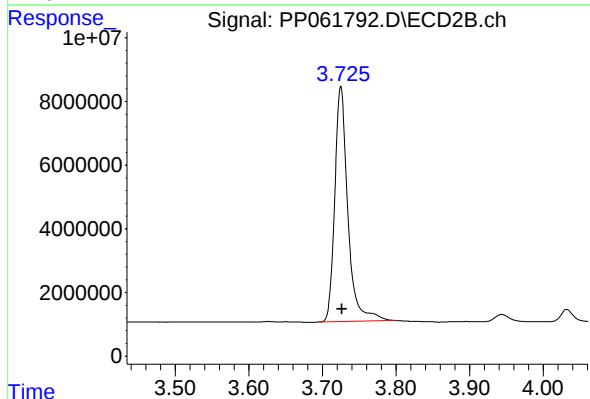




#1 Tetrachloro-m-xylene

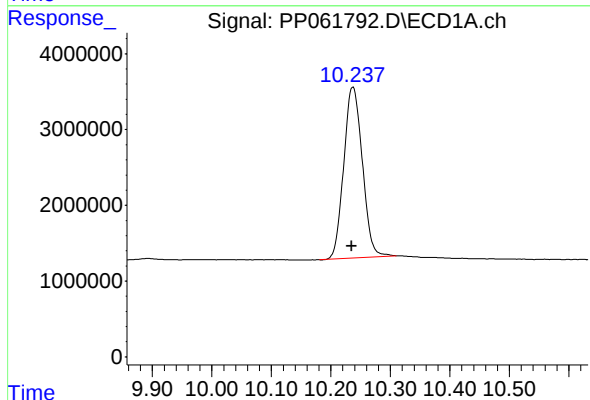
R.T.: 4.451 min  
Delta R.T.: 0.000 min  
Response: 67845434  
Conc: 51.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



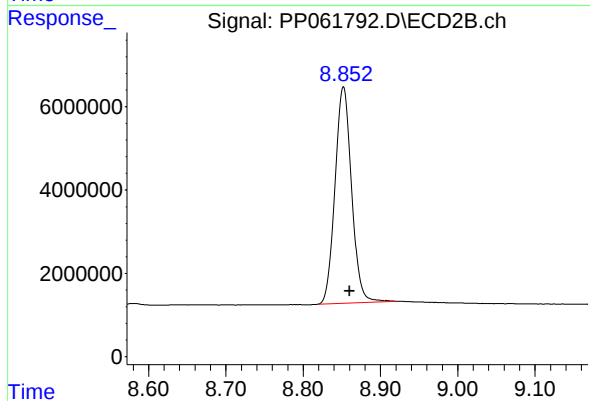
#1 Tetrachloro-m-xylene

R.T.: 3.725 min  
Delta R.T.: -0.002 min  
Response: 91392288  
Conc: 43.44 ng/ml



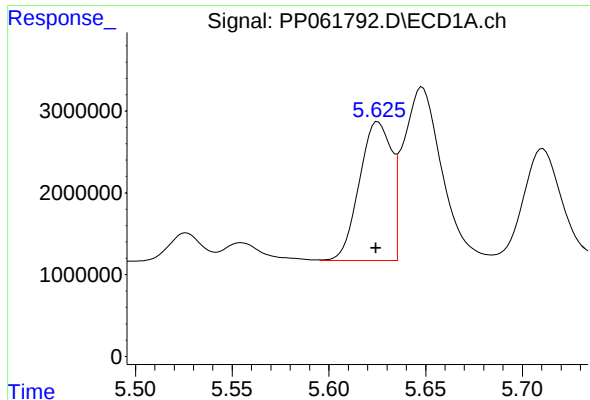
#2 Decachlorobiphenyl

R.T.: 10.237 min  
Delta R.T.: 0.002 min  
Response: 49016455  
Conc: 48.55 ng/ml



#2 Decachlorobiphenyl

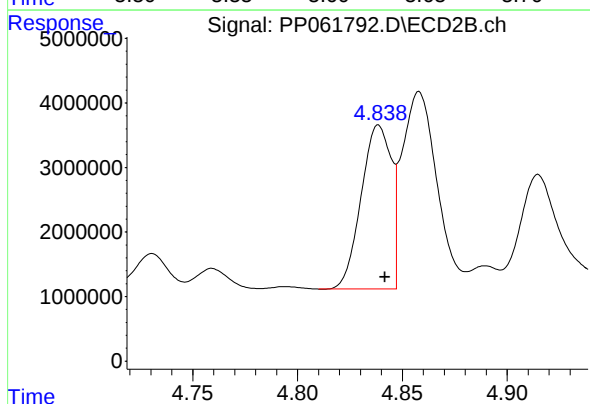
R.T.: 8.852 min  
Delta R.T.: -0.008 min  
Response: 77507117  
Conc: 47.49 ng/ml



#3 AR-1016-1

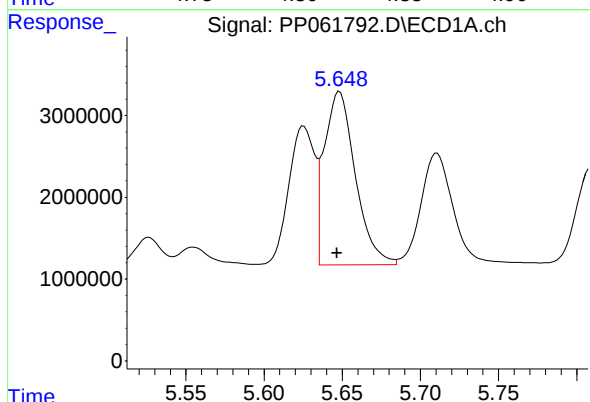
R.T.: 5.625 min  
Delta R.T.: 0.000 min  
Response: 19585238  
Conc: 418.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



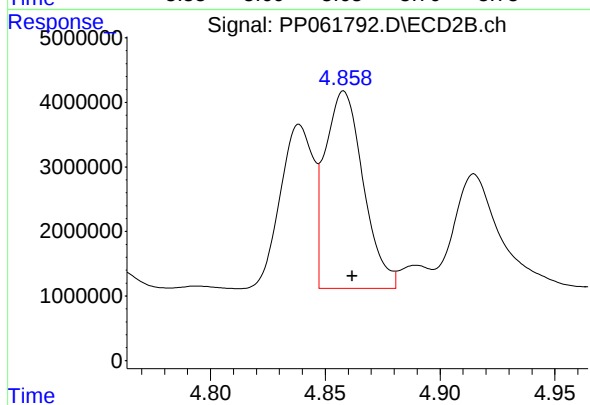
#3 AR-1016-1

R.T.: 4.839 min  
Delta R.T.: -0.003 min  
Response: 25384437  
Conc: 370.71 ng/ml



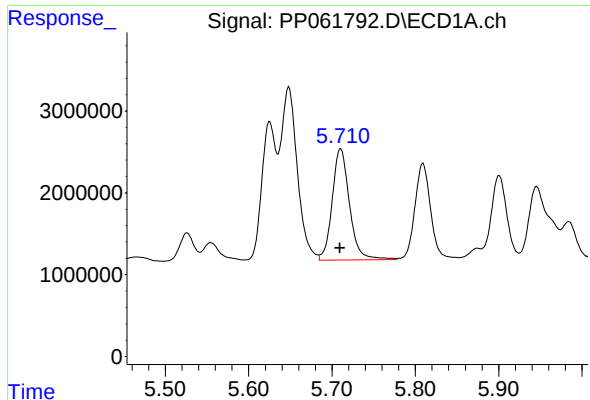
#4 AR-1016-2

R.T.: 5.648 min  
Delta R.T.: 0.002 min  
Response: 29274971  
Conc: 410.65 ng/ml



#4 AR-1016-2

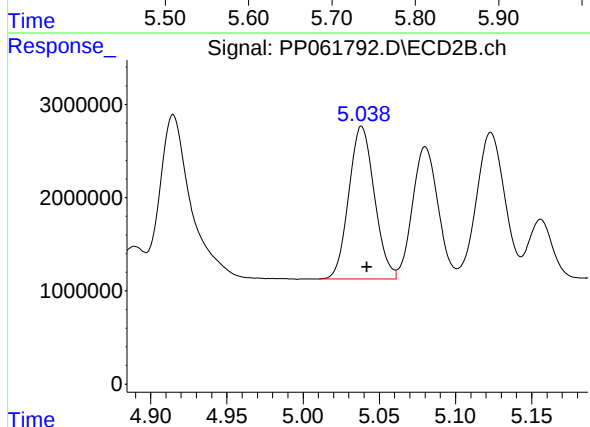
R.T.: 4.858 min  
Delta R.T.: -0.004 min  
Response: 35336962  
Conc: 373.51 ng/ml



#5 AR-1016-3

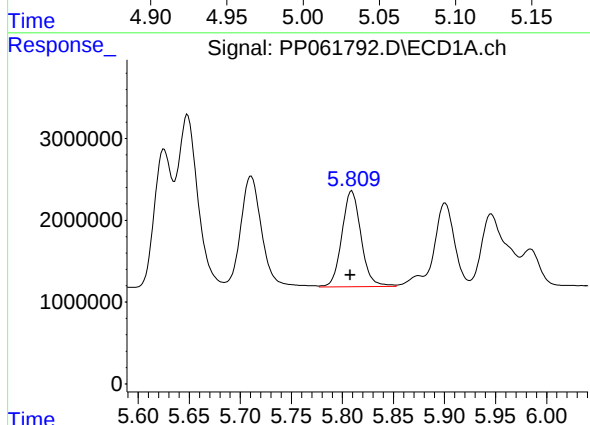
R.T.: 5.711 min  
Delta R.T.: 0.001 min  
Response: 19573646  
Conc: 433.14 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



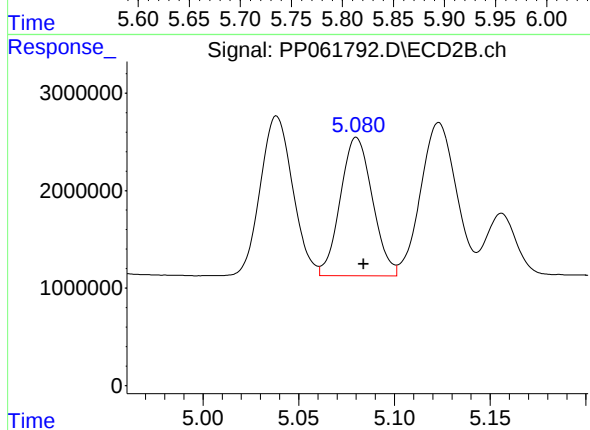
#5 AR-1016-3

R.T.: 5.038 min  
Delta R.T.: -0.004 min  
Response: 19227444  
Conc: 392.40 ng/ml



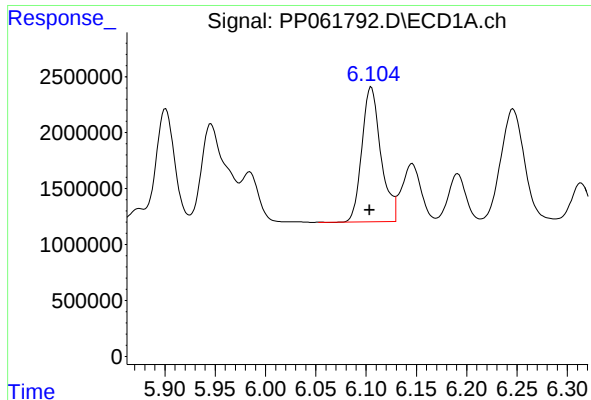
#6 AR-1016-4

R.T.: 5.809 min  
Delta R.T.: 0.001 min  
Response: 15326360  
Conc: 420.03 ng/ml



#6 AR-1016-4

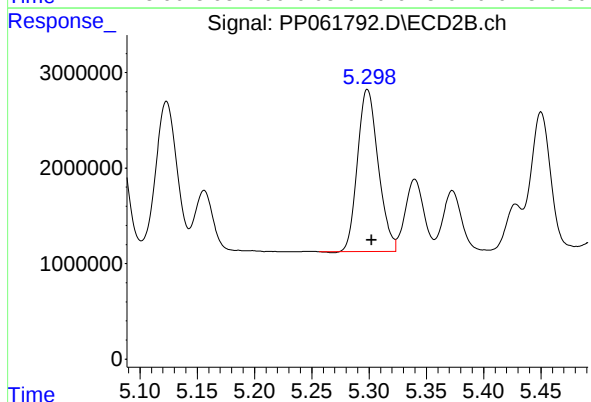
R.T.: 5.080 min  
Delta R.T.: -0.004 min  
Response: 16533228  
Conc: 381.17 ng/ml



#7 AR-1016-5

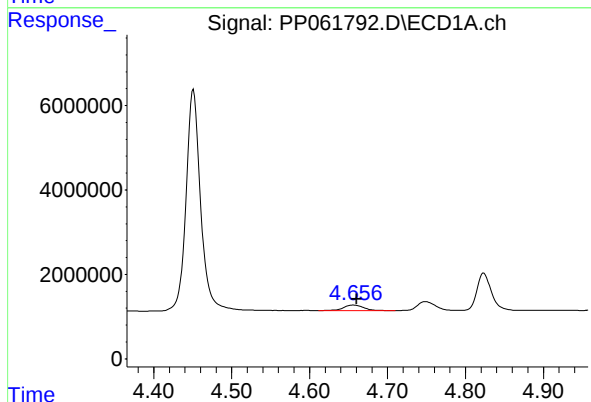
R.T.: 6.105 min  
Delta R.T.: 0.002 min  
Response: 15779414  
Conc: 459.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



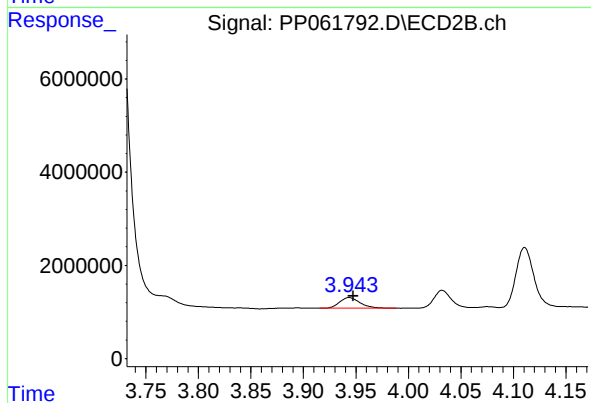
#7 AR-1016-5

R.T.: 5.299 min  
Delta R.T.: -0.004 min  
Response: 21301703  
Conc: 402.15 ng/ml



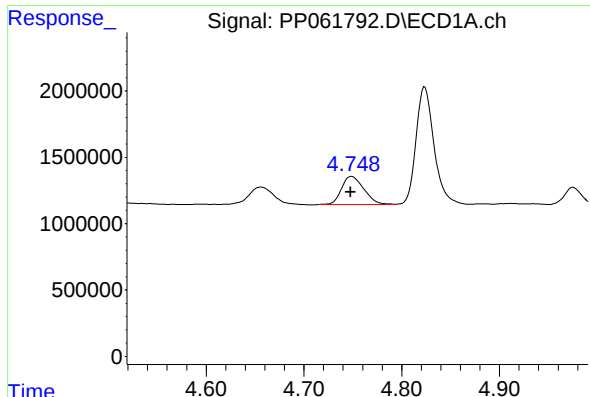
#8 AR-1221-1

R.T.: 4.656 min  
Delta R.T.: -0.004 min  
Response: 2286680  
Conc: 142.02 ng/ml



#8 AR-1221-1

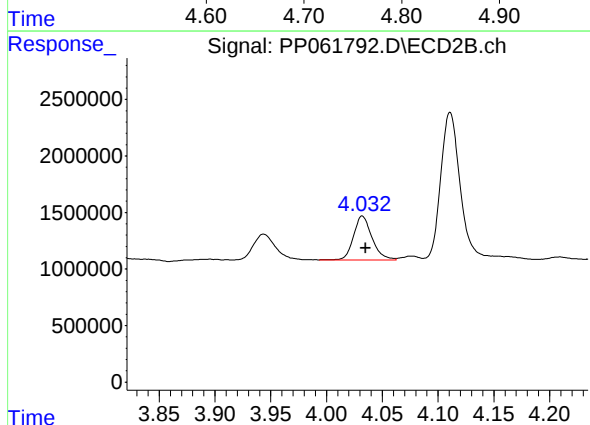
R.T.: 3.944 min  
Delta R.T.: -0.004 min  
Response: 3136410  
Conc: 115.65 ng/ml



#9 AR-1221-2

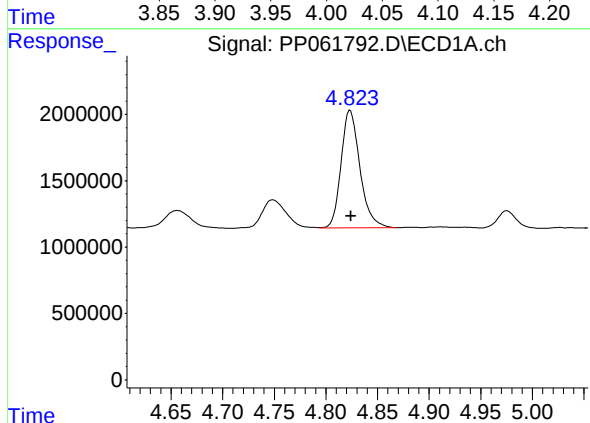
R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 3362363  
Conc: 276.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



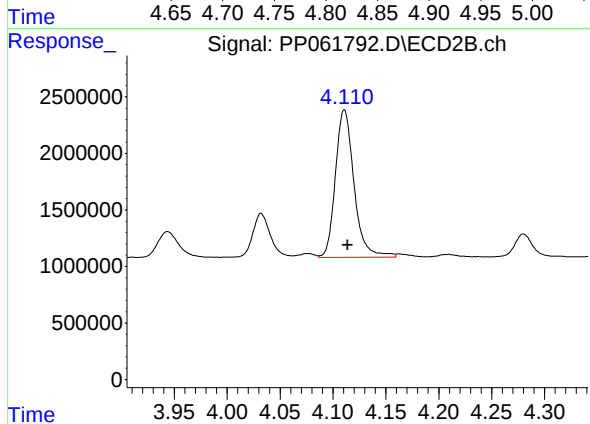
#9 AR-1221-2

R.T.: 4.032 min  
Delta R.T.: -0.003 min  
Response: 4468554  
Conc: 226.14 ng/ml



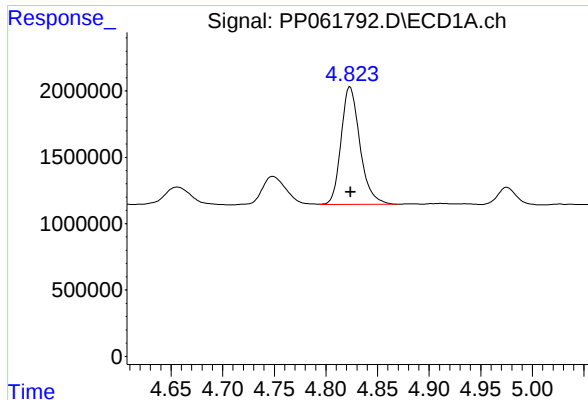
#10 AR-1221-3

R.T.: 4.823 min  
Delta R.T.: 0.000 min  
Response: 11239070  
Conc: 301.44 ng/ml



#10 AR-1221-3

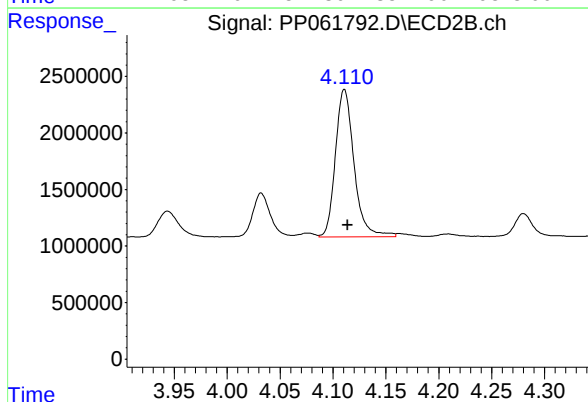
R.T.: 4.111 min  
Delta R.T.: -0.003 min  
Response: 15987964  
Conc: 273.29 ng/ml



#11 AR-1232-1

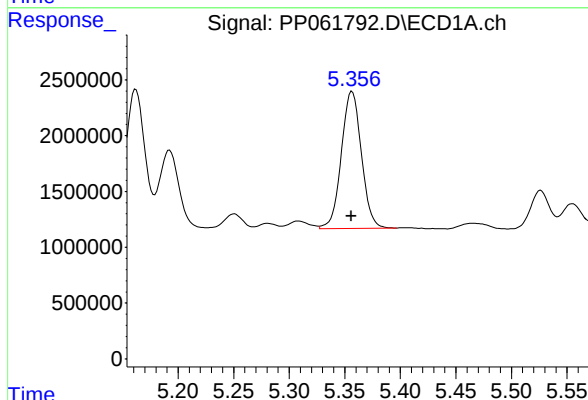
R.T.: 4.823 min  
Delta R.T.: 0.000 min  
Response: 11239070  
Conc: 371.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



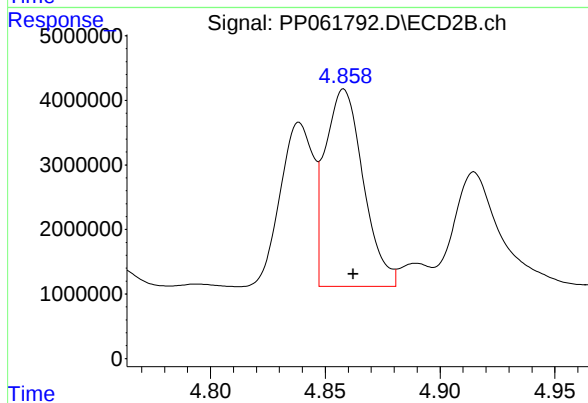
#11 AR-1232-1

R.T.: 4.111 min  
Delta R.T.: -0.003 min  
Response: 15987964  
Conc: 338.47 ng/ml



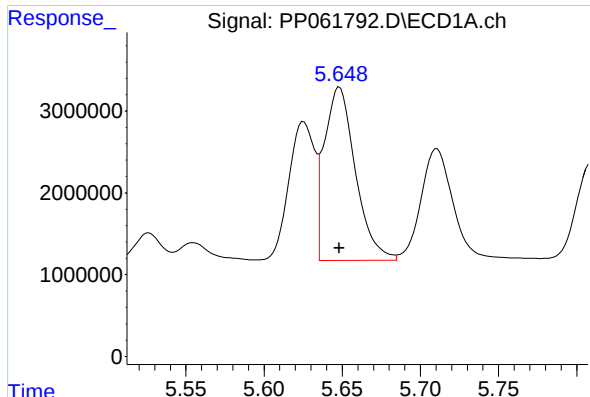
#12 AR-1232-2

R.T.: 5.357 min  
Delta R.T.: 0.000 min  
Response: 15425415  
Conc: 891.30 ng/ml



#12 AR-1232-2

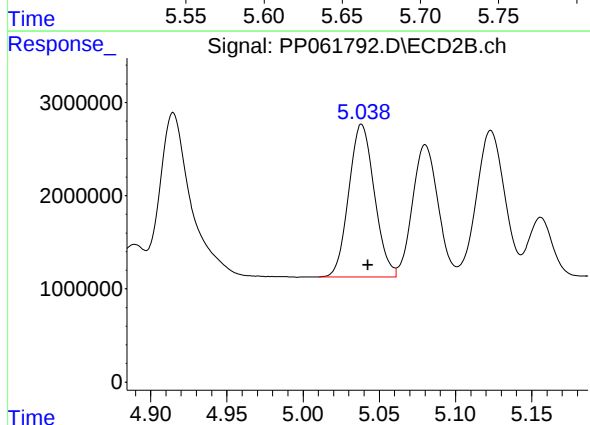
R.T.: 4.858 min  
Delta R.T.: -0.004 min  
Response: 35336962  
Conc: 849.12 ng/ml



#13 AR-1232-3

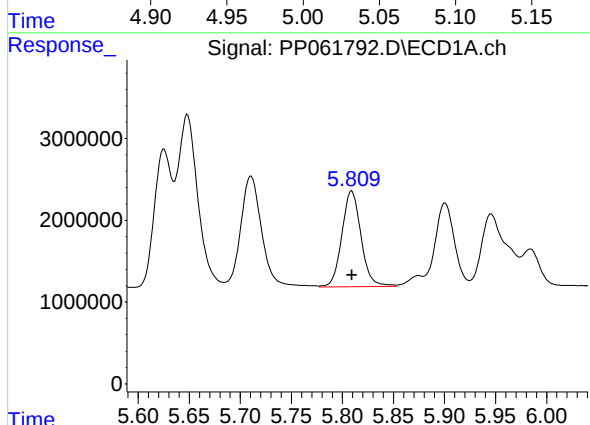
R.T.: 5.648 min  
Delta R.T.: 0.000 min  
Response: 29274971  
Conc: 991.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



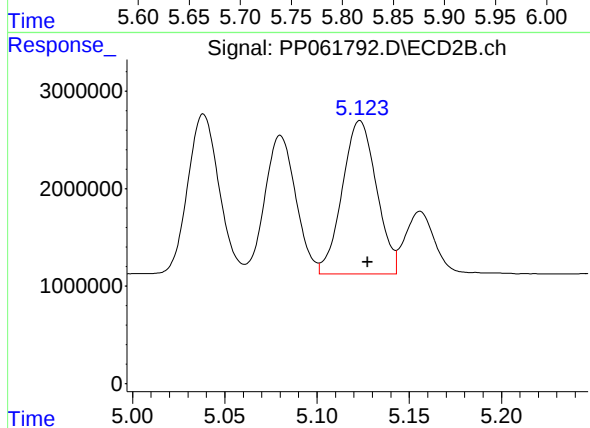
#13 AR-1232-3

R.T.: 5.038 min  
Delta R.T.: -0.004 min  
Response: 19227444  
Conc: 895.41 ng/ml



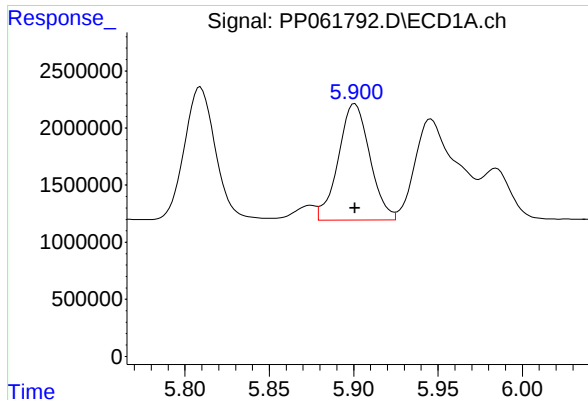
#14 AR-1232-4

R.T.: 5.809 min  
Delta R.T.: 0.000 min  
Response: 15326360  
Conc: 1067.51 ng/ml



#14 AR-1232-4

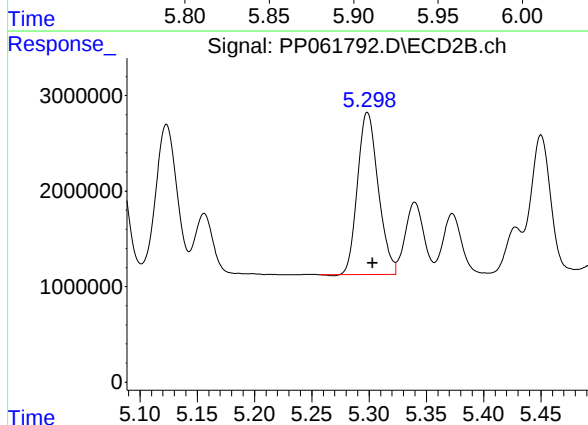
R.T.: 5.123 min  
Delta R.T.: -0.004 min  
Response: 20299890  
Conc: 955.78 ng/ml



#15 AR-1232-5

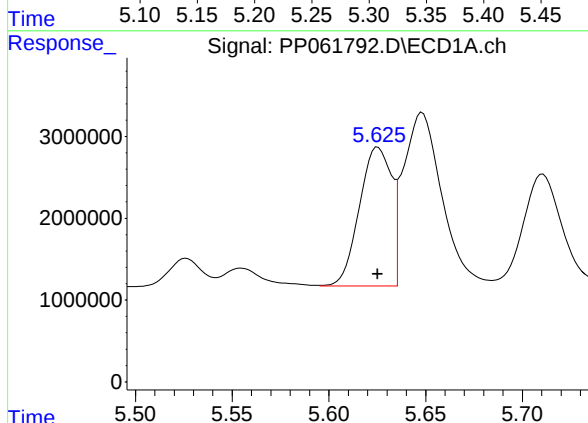
R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 13263759  
Conc: 1015.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



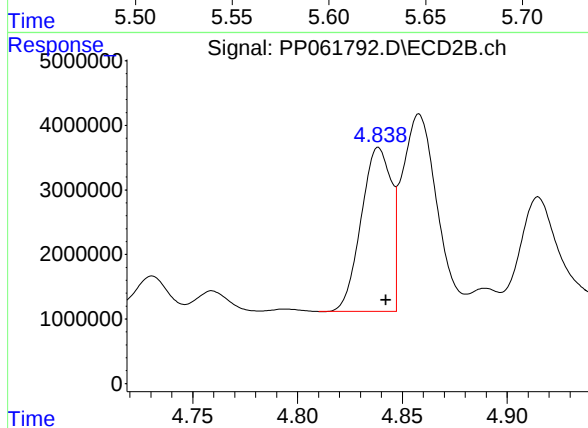
#15 AR-1232-5

R.T.: 5.299 min  
Delta R.T.: -0.004 min  
Response: 21301703  
Conc: 950.24 ng/ml



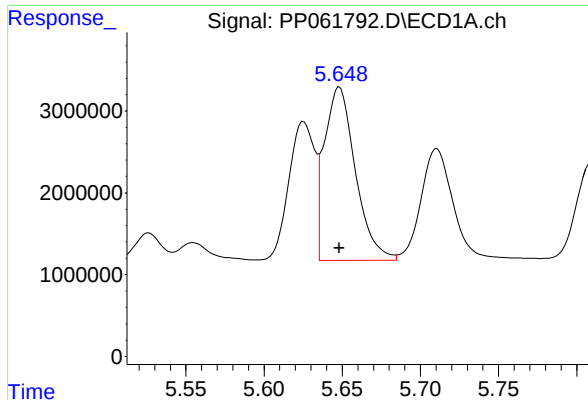
#16 AR-1242-1

R.T.: 5.625 min  
Delta R.T.: 0.000 min  
Response: 19585238  
Conc: 504.79 ng/ml



#16 AR-1242-1

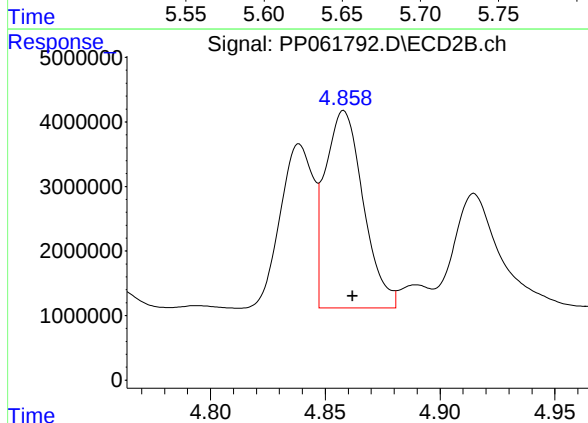
R.T.: 4.839 min  
Delta R.T.: -0.004 min  
Response: 25384437  
Conc: 446.89 ng/ml



#17 AR-1242-2

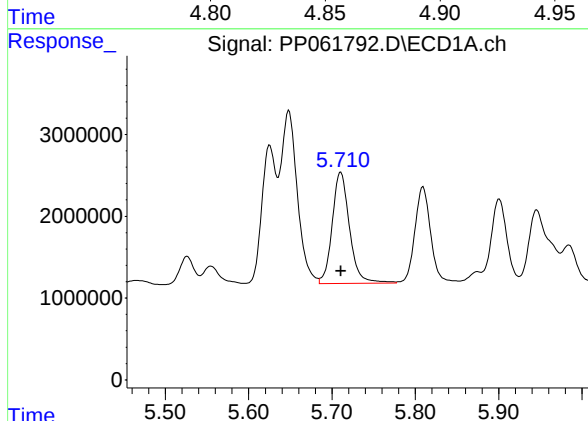
R.T.: 5.648 min  
Delta R.T.: 0.000 min  
Response: 29274971  
Conc: 501.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



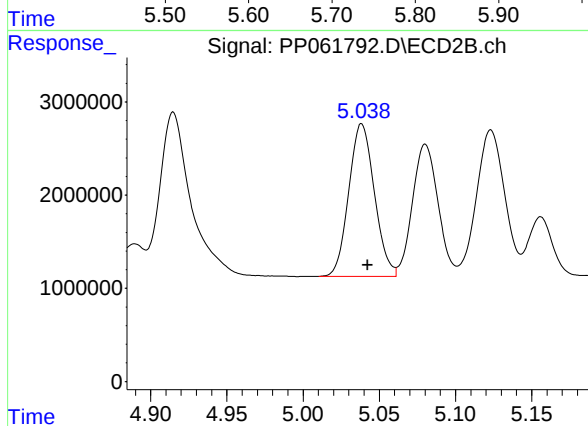
#17 AR-1242-2

R.T.: 4.858 min  
Delta R.T.: -0.004 min  
Response: 35336962  
Conc: 456.07 ng/ml



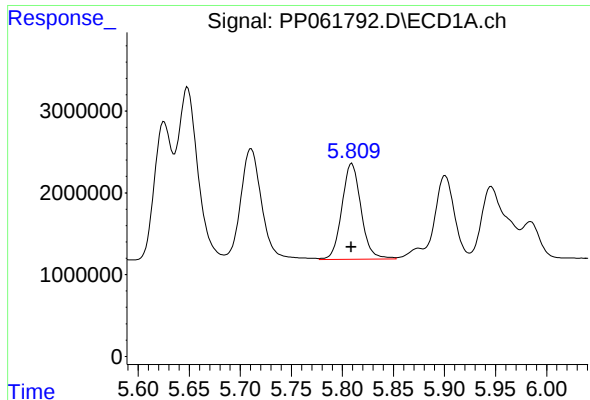
#18 AR-1242-3

R.T.: 5.711 min  
Delta R.T.: 0.000 min  
Response: 19573646  
Conc: 507.22 ng/ml



#18 AR-1242-3

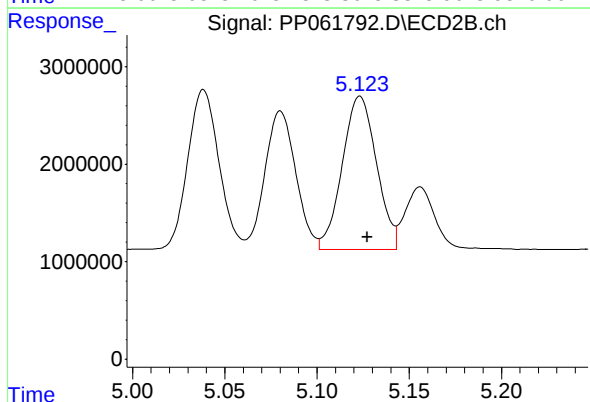
R.T.: 5.038 min  
Delta R.T.: -0.004 min  
Response: 19227444  
Conc: 474.80 ng/ml



#19 AR-1242-4

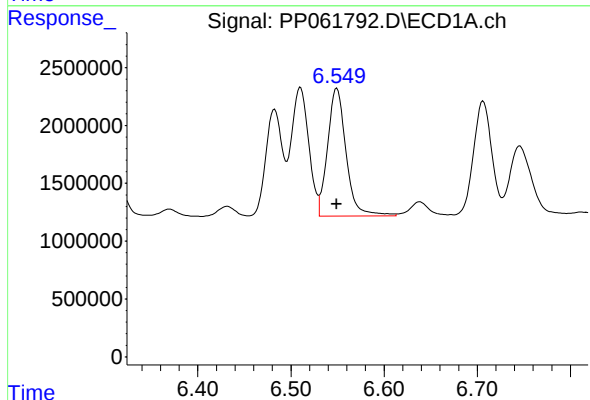
R.T.: 5.809 min  
Delta R.T.: 0.000 min  
Response: 15326360  
Conc: 501.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



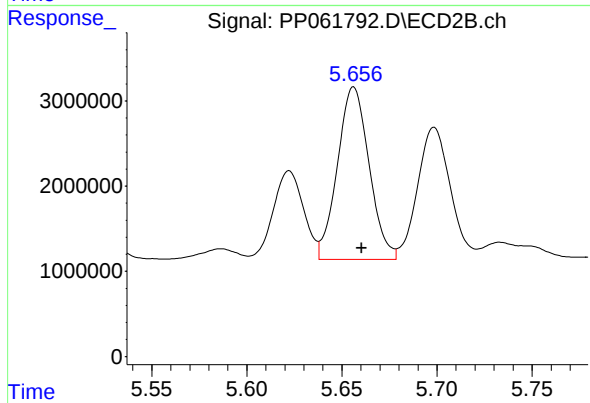
#19 AR-1242-4

R.T.: 5.123 min  
Delta R.T.: -0.004 min  
Response: 20299890  
Conc: 461.29 ng/ml



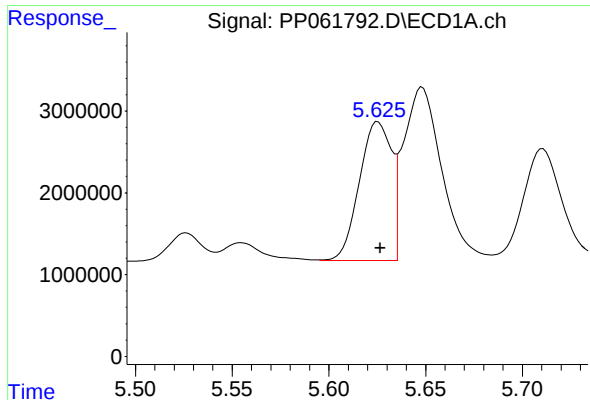
#20 AR-1242-5

R.T.: 6.549 min  
Delta R.T.: 0.000 min  
Response: 15251008  
Conc: 494.29 ng/ml



#20 AR-1242-5

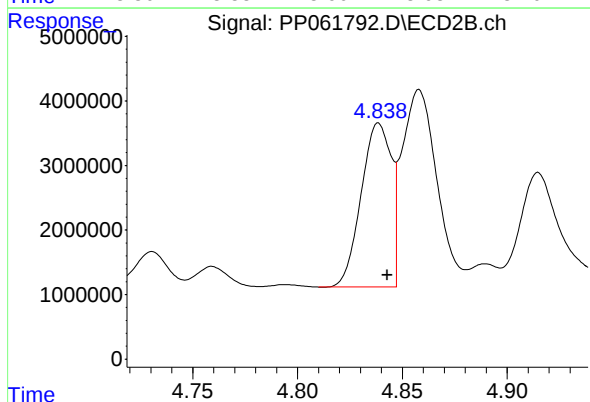
R.T.: 5.656 min  
Delta R.T.: -0.004 min  
Response: 23494052  
Conc: 497.10 ng/ml



#21 AR-1248-1

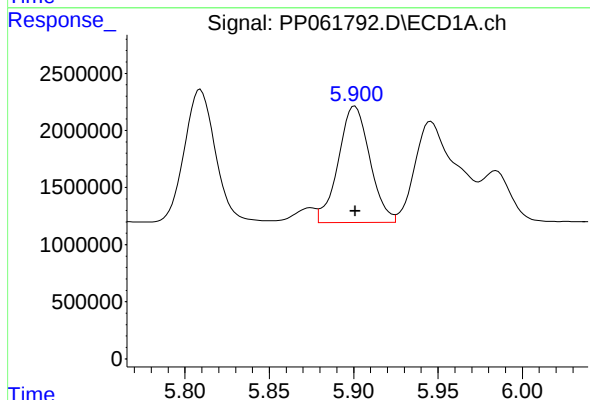
R.T.: 5.625 min  
Delta R.T.: -0.001 min  
Response: 19585238  
Conc: 722.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



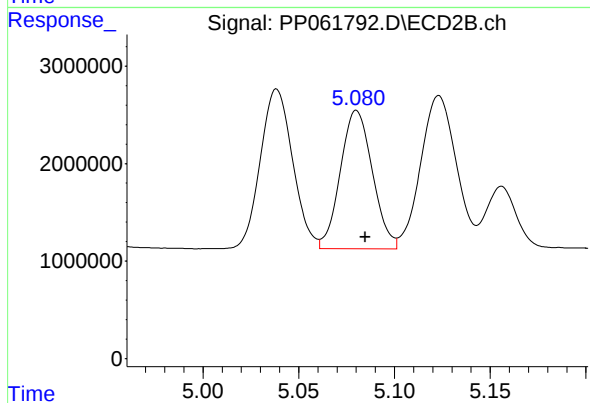
#21 AR-1248-1

R.T.: 4.839 min  
Delta R.T.: -0.004 min  
Response: 25384437  
Conc: 623.78 ng/ml



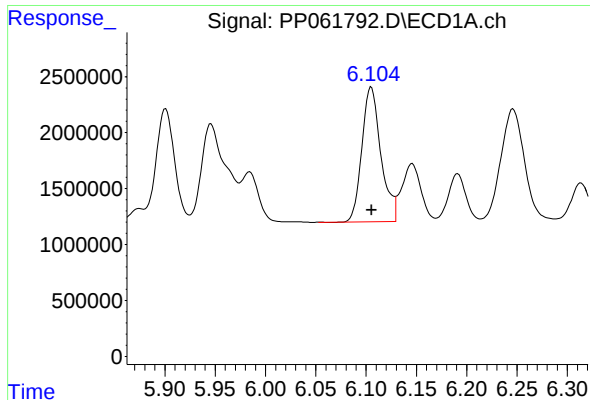
#22 AR-1248-2

R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 13263759  
Conc: 301.35 ng/ml



#22 AR-1248-2

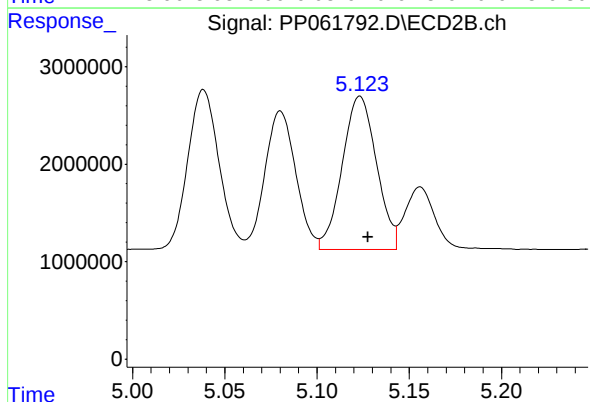
R.T.: 5.080 min  
Delta R.T.: -0.005 min  
Response: 16533228  
Conc: 274.06 ng/ml



#23 AR-1248-3

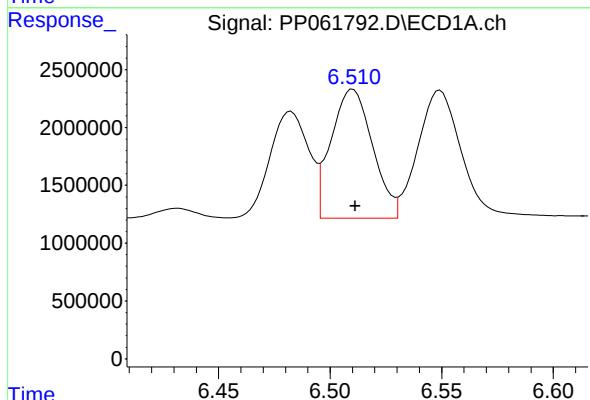
R.T.: 6.105 min  
Delta R.T.: 0.000 min  
Response: 15779414  
Conc: 324.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



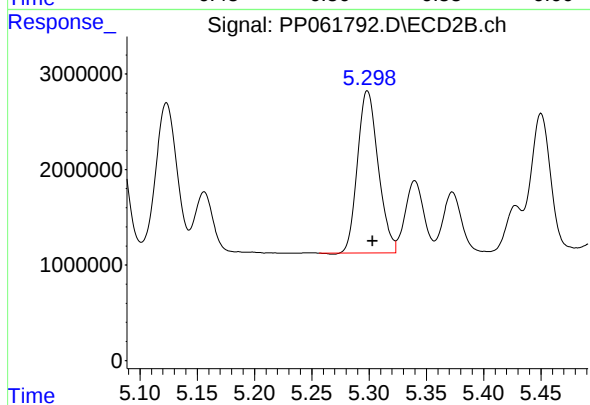
#23 AR-1248-3

R.T.: 5.123 min  
Delta R.T.: -0.004 min  
Response: 20299890  
Conc: 325.51 ng/ml



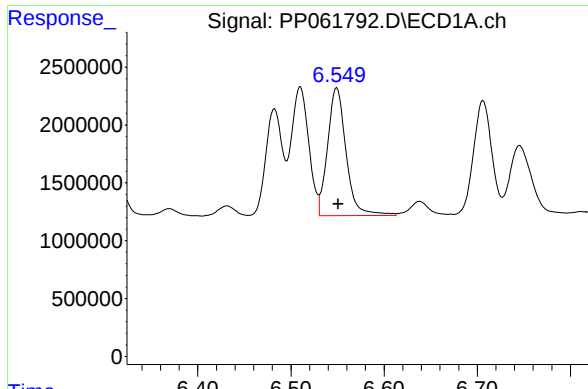
#24 AR-1248-4

R.T.: 6.510 min  
Delta R.T.: -0.001 min  
Response: 14433170  
Conc: 282.01 ng/ml



#24 AR-1248-4

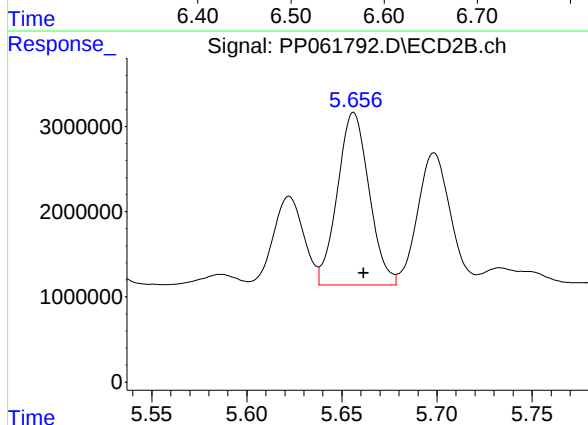
R.T.: 5.299 min  
Delta R.T.: -0.005 min  
Response: 21301703  
Conc: 300.46 ng/ml



#25 AR-1248-5

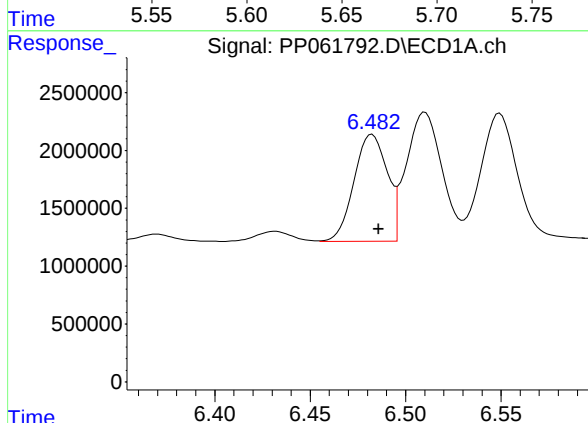
R.T.: 6.549 min  
Delta R.T.: -0.002 min  
Response: 15251008  
Conc: 293.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



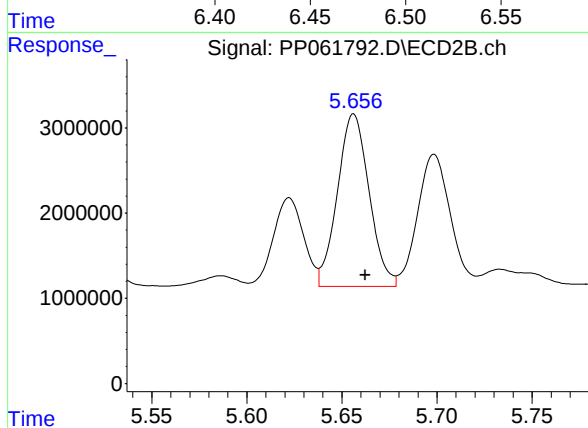
#25 AR-1248-5

R.T.: 5.656 min  
Delta R.T.: -0.005 min  
Response: 23494052  
Conc: 261.90 ng/ml



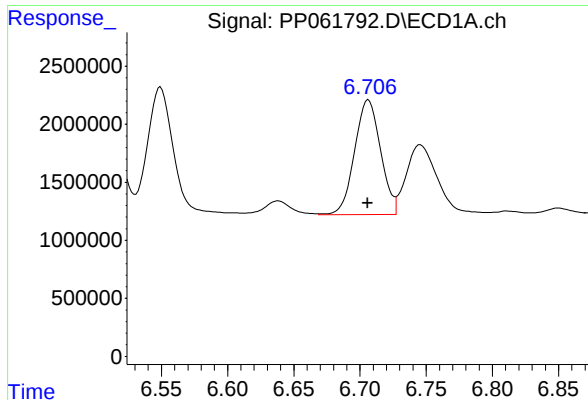
#26 AR-1254-1

R.T.: 6.482 min  
Delta R.T.: -0.003 min  
Response: 11208653  
Conc: 193.64 ng/ml



#26 AR-1254-1

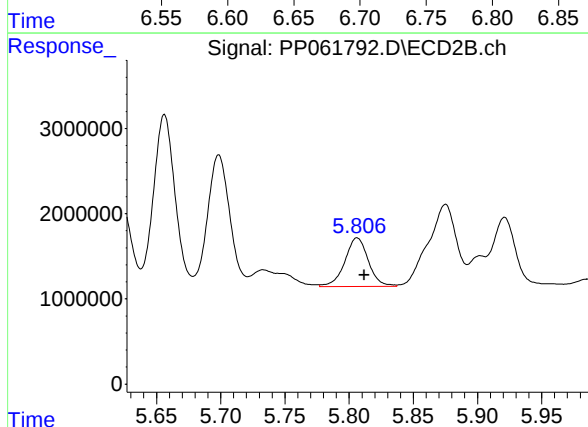
R.T.: 5.656 min  
Delta R.T.: -0.006 min  
Response: 23494052  
Conc: 234.00 ng/ml



#27 AR-1254-2

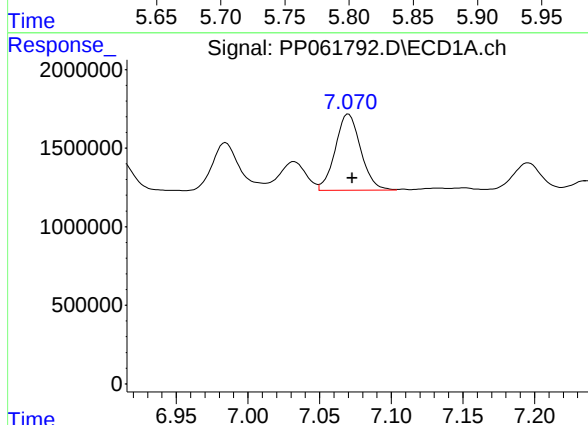
R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 13512218  
Conc: 156.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



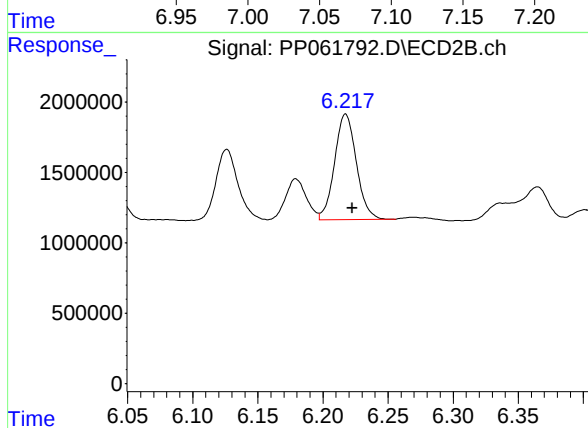
#27 AR-1254-2

R.T.: 5.806 min  
Delta R.T.: -0.005 min  
Response: 7274380  
Conc: 79.88 ng/ml



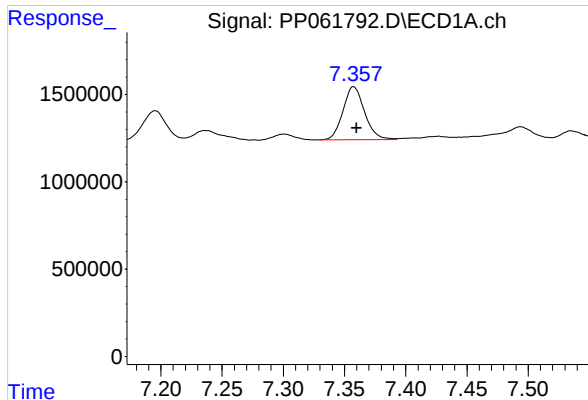
#28 AR-1254-3

R.T.: 7.070 min  
Delta R.T.: -0.003 min  
Response: 5992204  
Conc: 70.45 ng/ml



#28 AR-1254-3

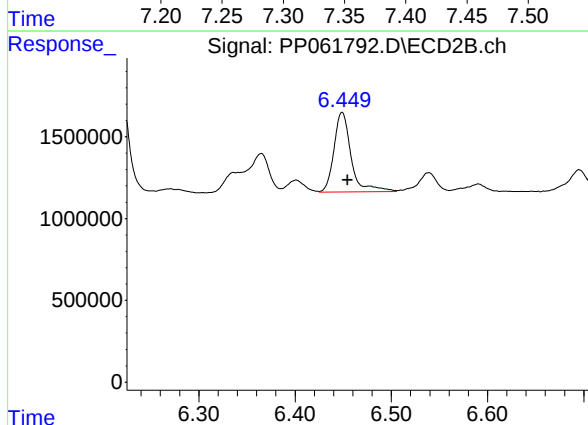
R.T.: 6.217 min  
Delta R.T.: -0.005 min  
Response: 8761668  
Conc: 63.25 ng/ml



#29 AR-1254-4

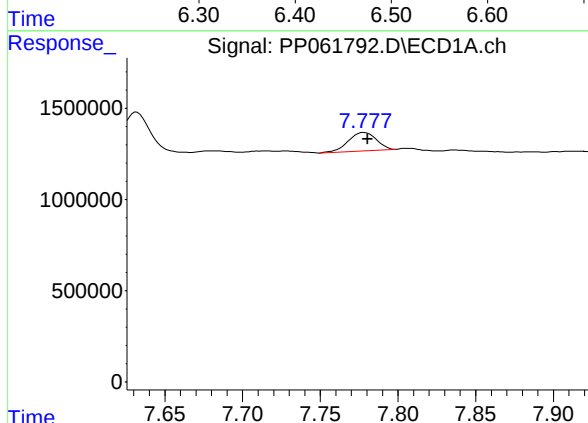
R.T.: 7.358 min  
Delta R.T.: -0.002 min  
Response: 3728375  
Conc: 71.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



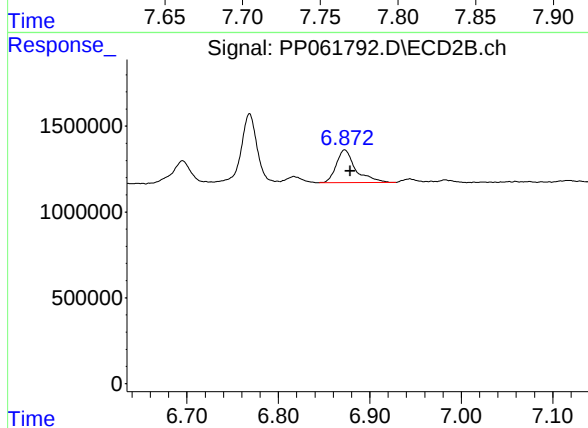
#29 AR-1254-4

R.T.: 6.449 min  
Delta R.T.: -0.006 min  
Response: 6066802  
Conc: 90.19 ng/ml



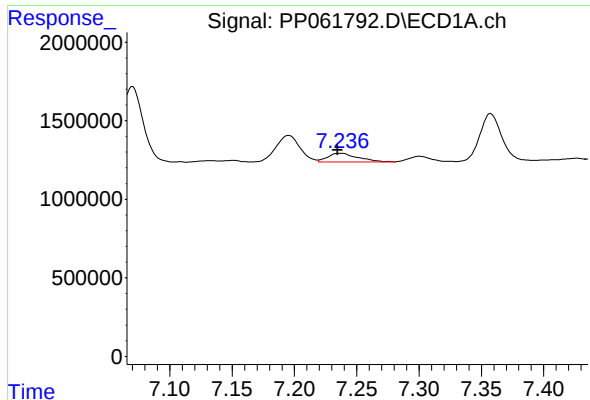
#30 AR-1254-5

R.T.: 7.778 min  
Delta R.T.: -0.002 min  
Response: 1259146  
Conc: 20.06 ng/ml



#30 AR-1254-5

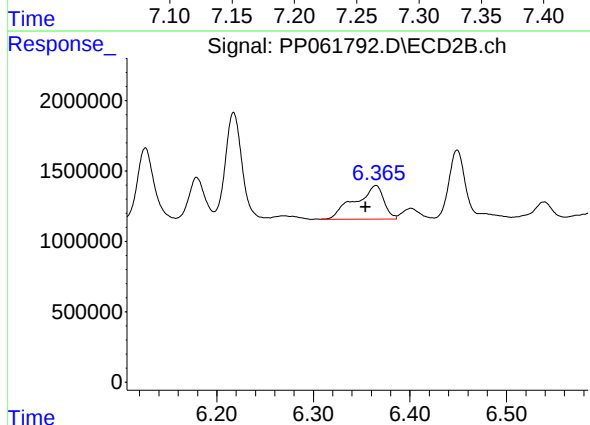
R.T.: 6.873 min  
Delta R.T.: -0.006 min  
Response: 2829343  
Conc: 24.07 ng/ml



#31 AR-1260-1

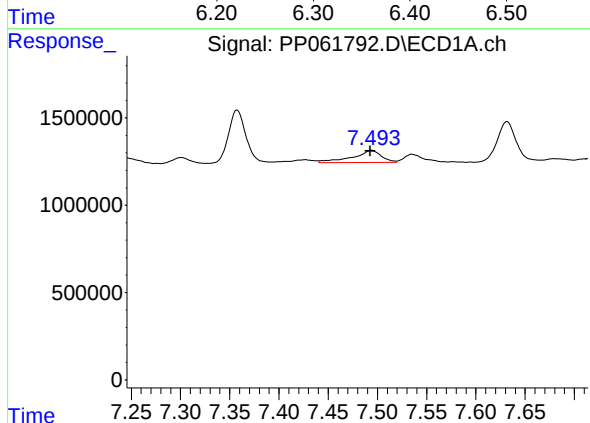
R.T.: 7.237 min  
Delta R.T.: 0.003 min  
Response: 926985  
Conc: 13.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



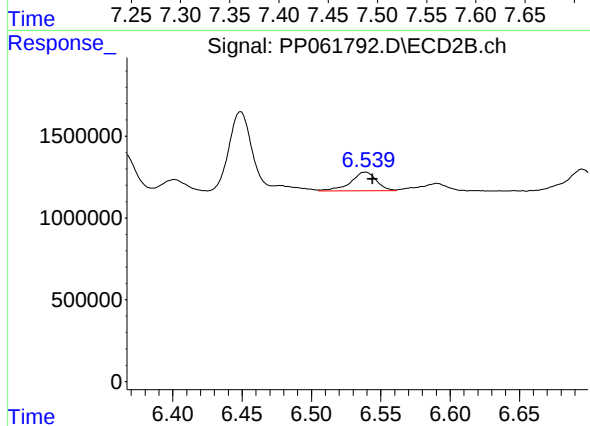
#31 AR-1260-1

R.T.: 6.365 min  
Delta R.T.: 0.010 min  
Response: 4930332  
Conc: 49.01 ng/ml



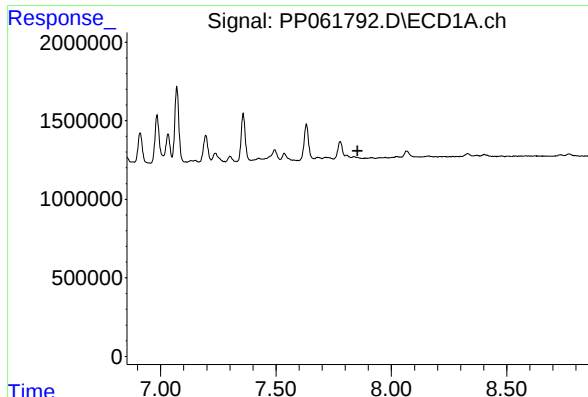
#32 AR-1260-2

R.T.: 7.494 min  
Delta R.T.: 0.001 min  
Response: 1406238  
Conc: 18.77 ng/ml



#32 AR-1260-2

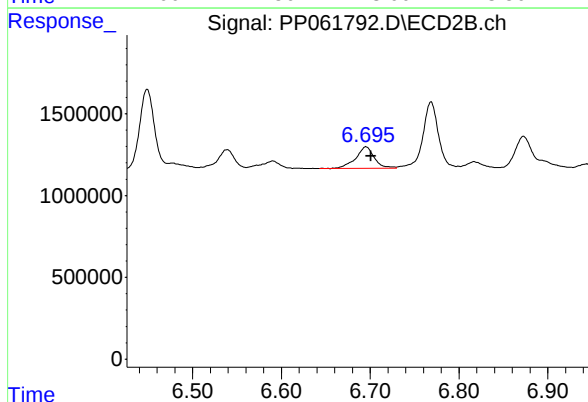
R.T.: 6.539 min  
Delta R.T.: -0.005 min  
Response: 1496942  
Conc: 12.93 ng/ml



#33 AR-1260-3

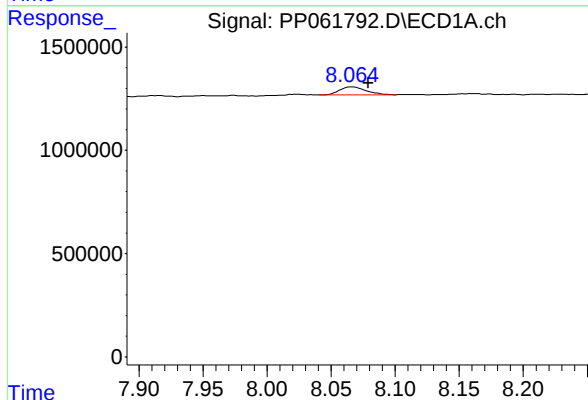
R.T.: 0.000 min  
Exp R.T.: 7.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



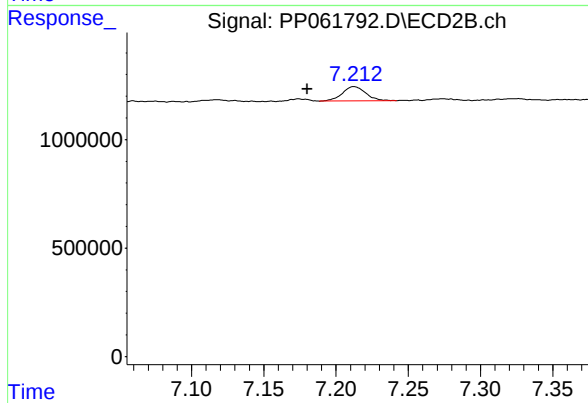
#33 AR-1260-3

R.T.: 6.695 min  
Delta R.T.: -0.006 min  
Response: 1889226  
Conc: 17.24 ng/ml



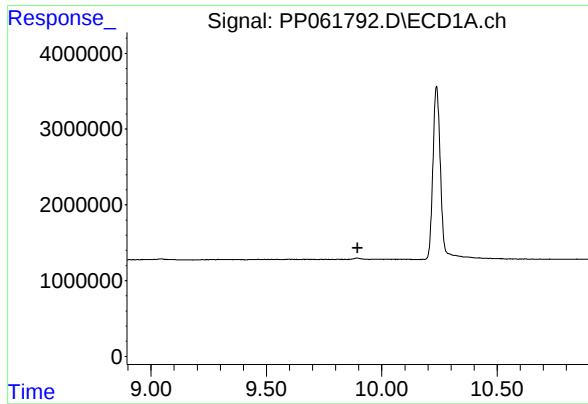
#34 AR-1260-4

R.T.: 8.066 min  
Delta R.T.: -0.013 min  
Response: 555263  
Conc: 9.33 ng/ml



#34 AR-1260-4

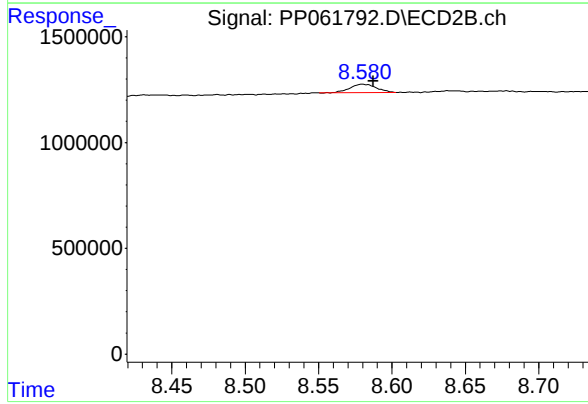
R.T.: 7.212 min  
Delta R.T.: 0.032 min  
Response: 744016  
Conc: 9.08 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.894 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.580 min  
Delta R.T.: -0.007 min  
Response: 503488  
Conc: 0.87 ng/ml