

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP112023\  
 Data File : PP061777.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2023 16:56  
 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 00:23:52 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...          | 4.452  | 3.726  | 72614380 | 92359427 | 55.103   | 43.900   |
| 2) SA Decachlor...          | 10.238 | 8.854  | 50928677 | 79435064 | 50.447   | 48.669   |
| Target Compounds            |        |        |          |          |          |          |
| 3) L1 AR-1016-1             | 5.627  | 4.840  | 19768418 | 25753530 | 422.521  | 376.099  |
| 4) L1 AR-1016-2             | 5.649  | 4.859  | 29281701 | 35600523 | 410.747  | 376.297  |
| 5) L1 AR-1016-3             | 5.712  | 5.039  | 19760965 | 19481059 | 437.280  | 397.575  |
| 6) L1 AR-1016-4             | 5.810  | 5.081  | 15608128 | 16758398 | 427.755  | 386.357  |
| 7) L1 AR-1016-5             | 6.106  | 5.300  | 16006871 | 21853823 | 466.594  | 412.578  |
| 8) L2 AR-1221-1             | 4.657  | 3.944  | 2322608  | 3229493  | 144.256  | 119.085  |
| 9) L2 AR-1221-2             | 4.750  | 4.033  | 3493214  | 4381720  | 287.595  | 221.744  |
| 10) L2 AR-1221-3            | 4.825  | 4.112  | 12112638 | 15174513 | 324.867  | 259.389  |
| 11) L3 AR-1232-1            | 4.825  | 4.112  | 12112638 | 15174513 | 399.841  | 321.250  |
| 12) L3 AR-1232-2            | 5.357  | 4.859  | 15330560 | 35600523 | 885.817  | 855.449  |
| 13) L3 AR-1232-3            | 5.649  | 5.039  | 29281701 | 19481059 | 991.862  | 907.220  |
| 14) L3 AR-1232-4            | 5.810  | 5.124  | 15608128 | 20654662 | 1087.136 | 972.486  |
| 15) L3 AR-1232-5            | 5.901  | 5.300  | 14757460 | 21853823 | 1129.631 | 974.871  |
| 16) L4 AR-1242-1            | 5.627  | 4.840  | 19768418 | 25753530 | 509.515  | 453.387  |
| 17) L4 AR-1242-2            | 5.649  | 4.859  | 29281701 | 35600523 | 501.388  | 459.470  |
| 18) L4 AR-1242-3            | 5.712  | 5.039  | 19760965 | 19481059 | 512.075  | 481.064  |
| 19) L4 AR-1242-4            | 5.810  | 5.124  | 15608128 | 20654662 | 510.329  | 469.354  |
| 20) L4 AR-1242-5            | 6.550  | 5.657  | 15411104 | 23958725 | 499.481  | 506.929  |
| 21) L5 AR-1248-1            | 5.627  | 4.840  | 19768418 | 25753530 | 728.771  | 632.846  |
| 22) L5 AR-1248-2            | 5.901  | 5.081  | 14757460 | 16758398 | 335.287  | 277.792  |
| 23) L5 AR-1248-3            | 6.106  | 5.124  | 16006871 | 20654662 | 329.300  | 331.197  |
| 24) L5 AR-1248-4            | 6.511  | 5.300  | 14564063 | 21853823 | 284.567  | 308.243  |
| 25) L5 AR-1248-5            | 6.550  | 5.657  | 15411104 | 23958725 | 296.405  | 267.079  |
| 26) L6 AR-1254-1            | 6.484  | 5.657  | 11279289 | 23958725 | 194.861  | 238.627  |
| 27) L6 AR-1254-2            | 6.707  | 5.807  | 13592198 | 7757037  | 157.236  | 85.185 # |
| 28) L6 AR-1254-3            | 7.071  | 6.218  | 6250731  | 9272811  | 73.489   | 66.935   |
| 29) L6 AR-1254-4            | 7.358  | 6.450  | 3861874  | 6113130  | 73.774   | 90.884   |
| 30) L6 AR-1254-5            | 7.778  | 6.874  | 1255737  | 2882919  | 20.008   | 24.527   |
| 31) L7 AR-1260-1            | 7.237  | 6.366  | 965087   | 4972173  | 13.911   | 49.426 # |
| 32) L7 AR-1260-2            | 7.495  | 6.540  | 1440641  | 1541233  | 19.232   | 13.316 # |
| 33) L7 AR-1260-3            | 0.000  | 6.697  | 0        | 1888799  | N.D.     | 17.233 # |
| 34) L7 AR-1260-4            | 8.067  | 7.214f | 621083   | 780583   | 10.431   | 9.523    |
| 35) L7 AR-1260-5            | 0.000  | 7.397f | 0        | 65588    | N.D.     | 0.380 #  |
| 45) L9 AR-1268-5            | 0.000  | 8.583  | 0        | 589336   | N.D.     | 1.019 #  |
| -----                       |        |        |          |          |          |          |

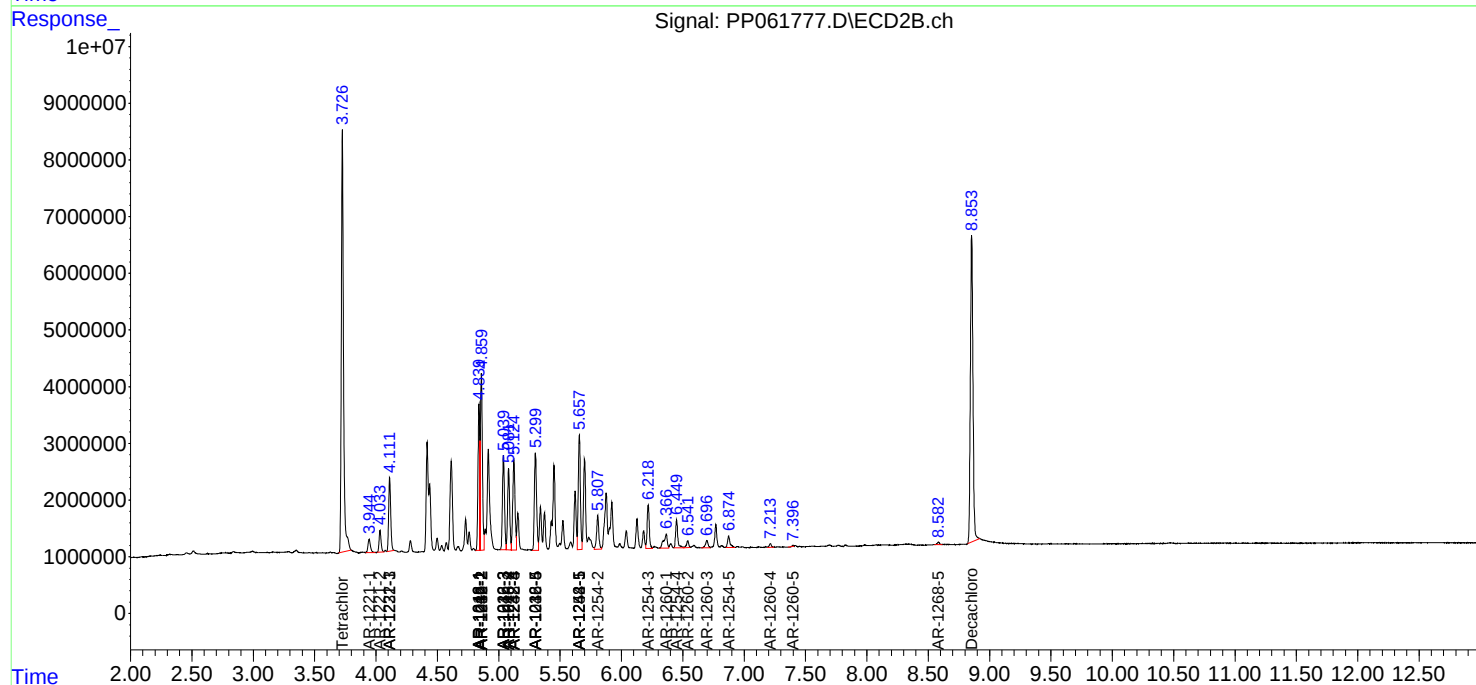
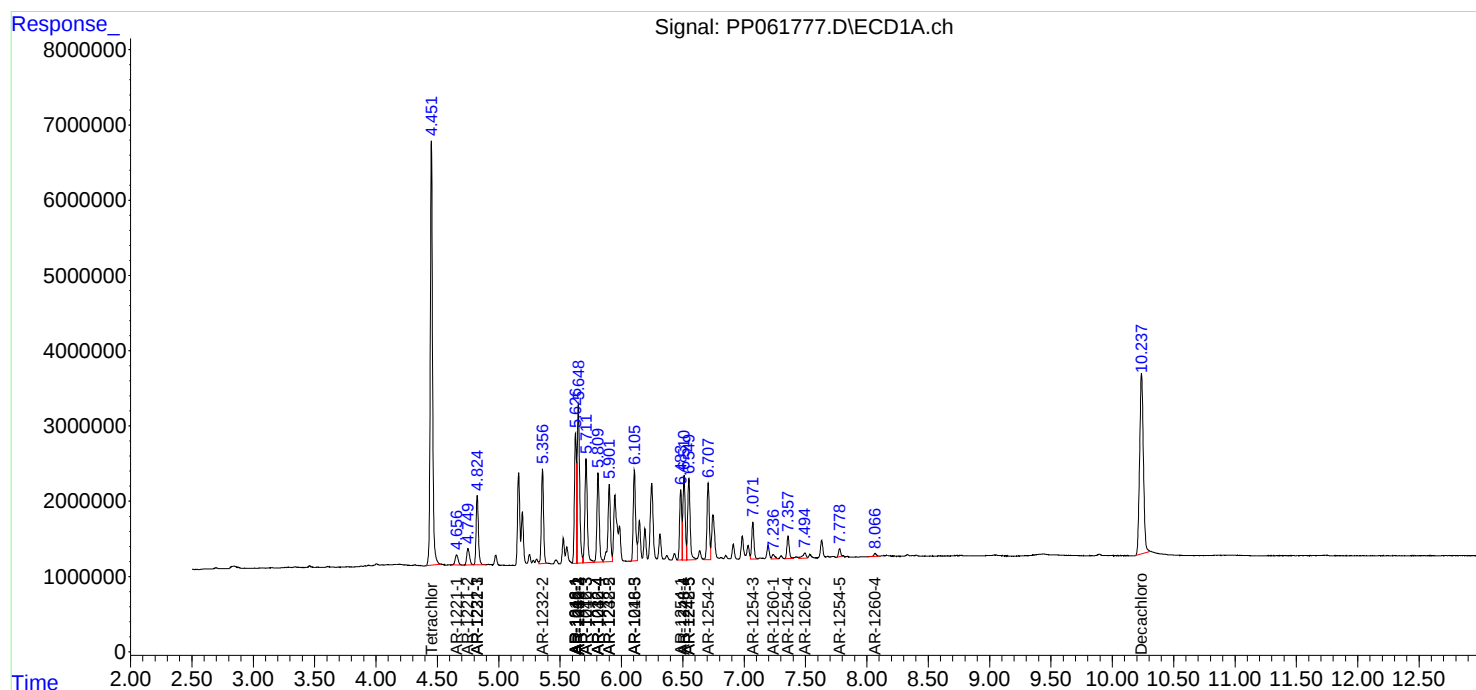
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

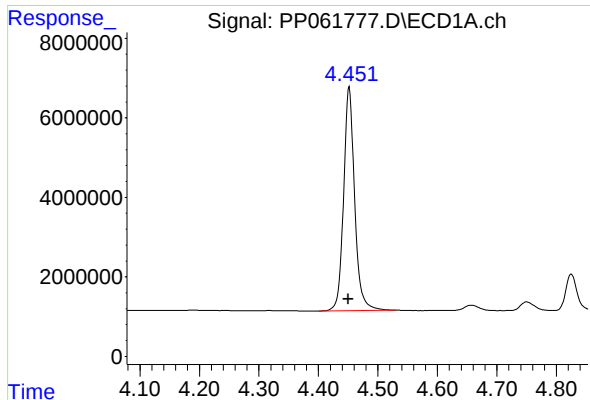
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP112023\  
Data File : PP061777.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2023 16:56  
Operator : YP\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 00:23:52 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

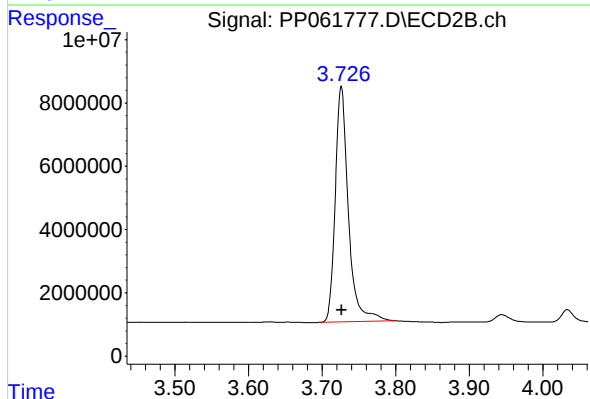




#1 Tetrachloro-m-xylene

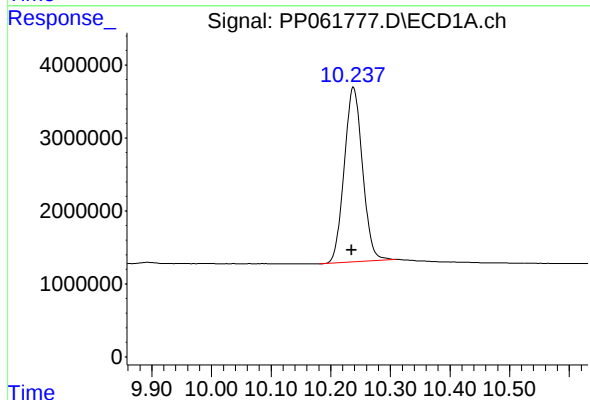
R.T.: 4.452 min  
Delta R.T.: 0.002 min  
Response: 72614380  
Conc: 55.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



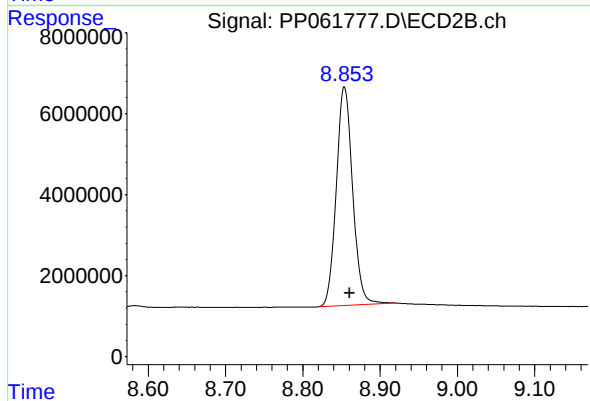
#1 Tetrachloro-m-xylene

R.T.: 3.726 min  
Delta R.T.: 0.000 min  
Response: 92359427  
Conc: 43.90 ng/ml



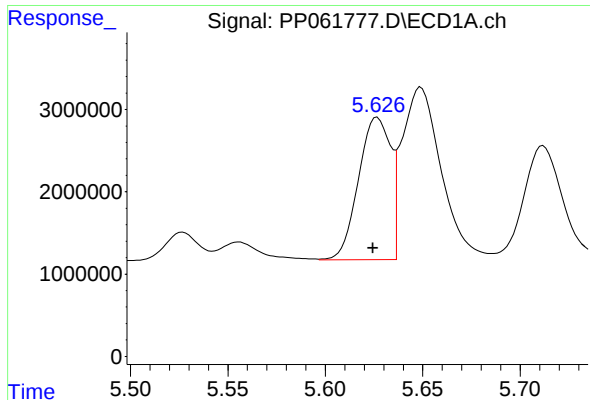
#2 Decachlorobiphenyl

R.T.: 10.238 min  
Delta R.T.: 0.003 min  
Response: 50928677  
Conc: 50.45 ng/ml



#2 Decachlorobiphenyl

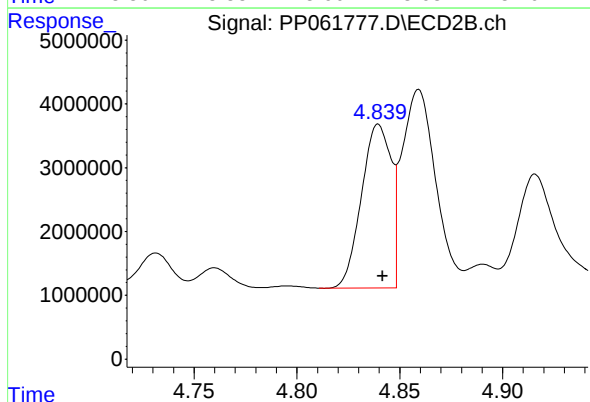
R.T.: 8.854 min  
Delta R.T.: -0.007 min  
Response: 79435064  
Conc: 48.67 ng/ml



#3 AR-1016-1

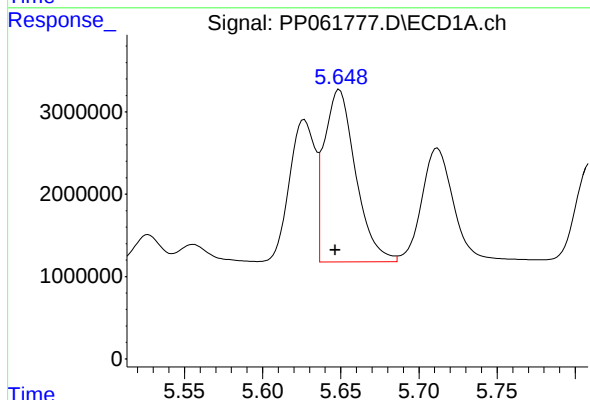
R.T.: 5.627 min  
Delta R.T.: 0.002 min  
Response: 19768418  
Conc: 422.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



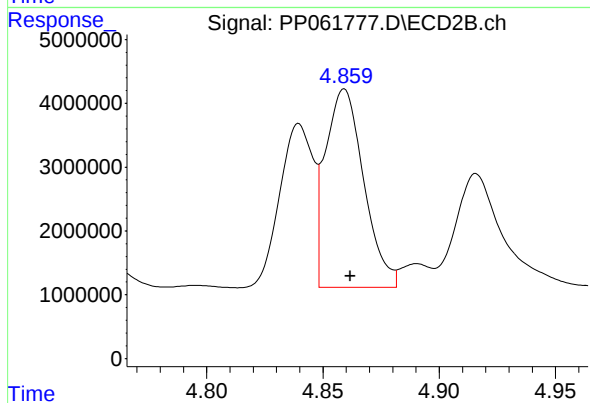
#3 AR-1016-1

R.T.: 4.840 min  
Delta R.T.: -0.002 min  
Response: 25753530  
Conc: 376.10 ng/ml



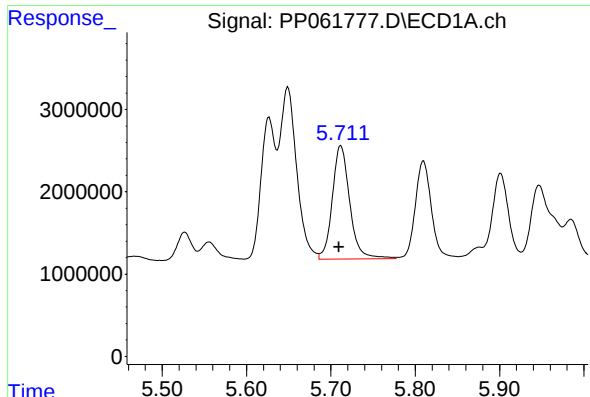
#4 AR-1016-2

R.T.: 5.649 min  
Delta R.T.: 0.003 min  
Response: 29281701  
Conc: 410.75 ng/ml



#4 AR-1016-2

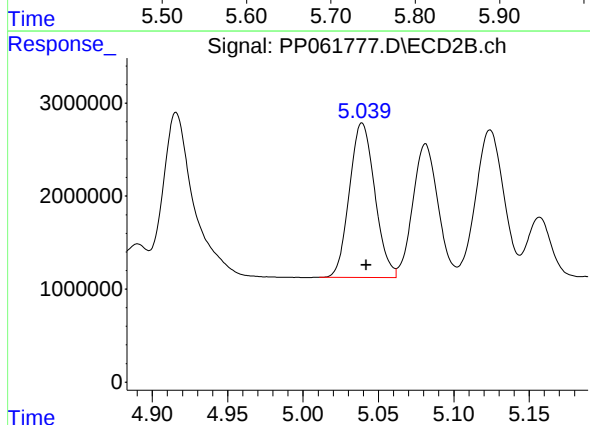
R.T.: 4.859 min  
Delta R.T.: -0.003 min  
Response: 35600523  
Conc: 376.30 ng/ml



#5 AR-1016-3

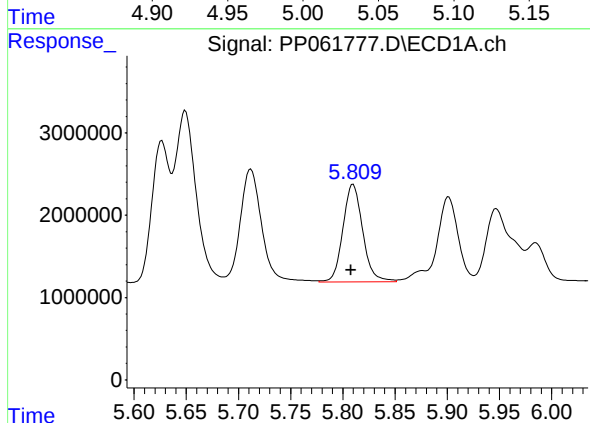
R.T.: 5.712 min  
Delta R.T.: 0.002 min  
Response: 19760965  
Conc: 437.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



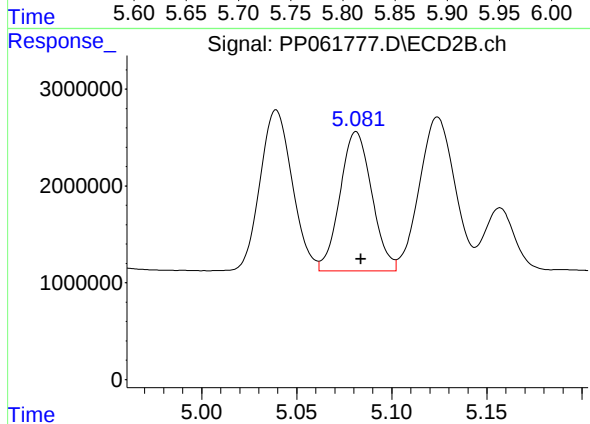
#5 AR-1016-3

R.T.: 5.039 min  
Delta R.T.: -0.003 min  
Response: 19481059  
Conc: 397.57 ng/ml



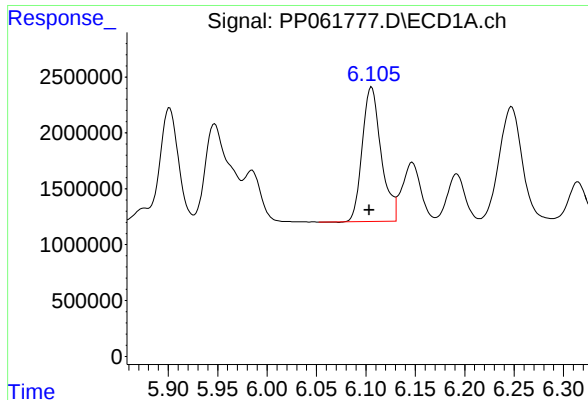
#6 AR-1016-4

R.T.: 5.810 min  
Delta R.T.: 0.002 min  
Response: 15608128  
Conc: 427.76 ng/ml



#6 AR-1016-4

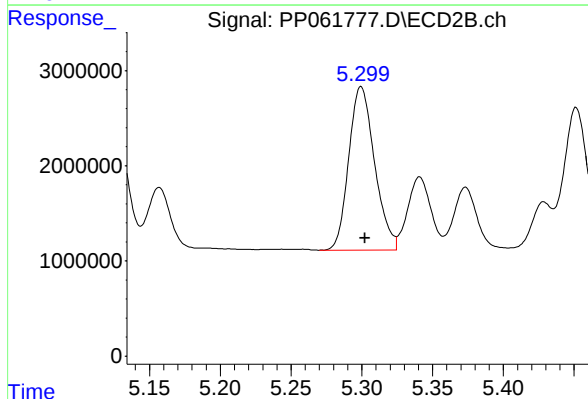
R.T.: 5.081 min  
Delta R.T.: -0.003 min  
Response: 16758398  
Conc: 386.36 ng/ml



#7 AR-1016-5

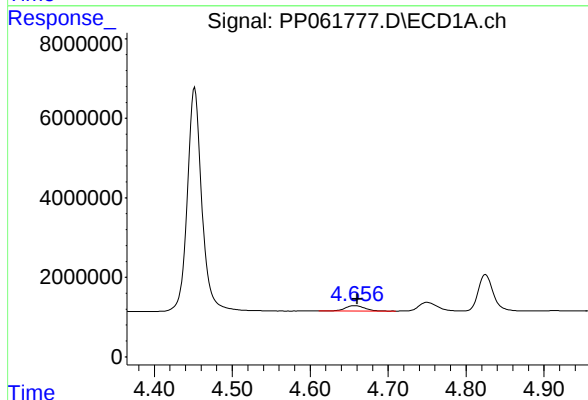
R.T.: 6.106 min  
Delta R.T.: 0.002 min  
Response: 16006871  
Conc: 466.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



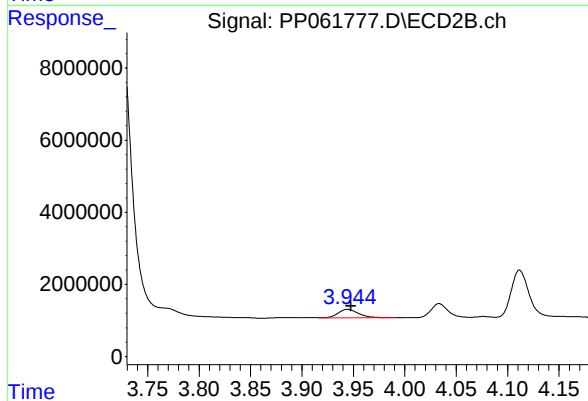
#7 AR-1016-5

R.T.: 5.300 min  
Delta R.T.: -0.003 min  
Response: 21853823  
Conc: 412.58 ng/ml



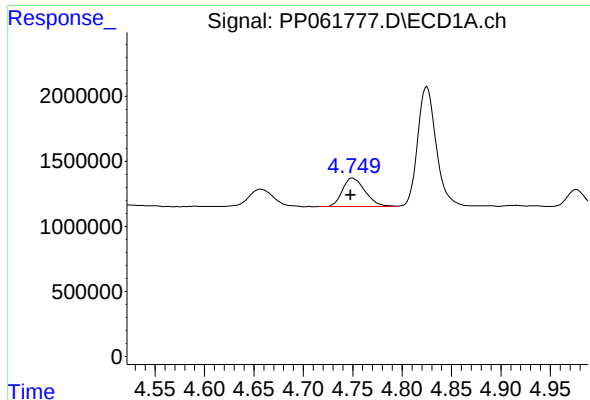
#8 AR-1221-1

R.T.: 4.657 min  
Delta R.T.: -0.003 min  
Response: 2322608  
Conc: 144.26 ng/ml



#8 AR-1221-1

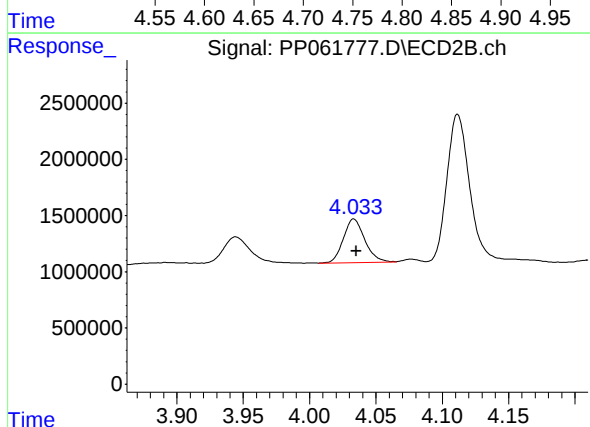
R.T.: 3.944 min  
Delta R.T.: -0.004 min  
Response: 3229493  
Conc: 119.08 ng/ml



#9 AR-1221-2

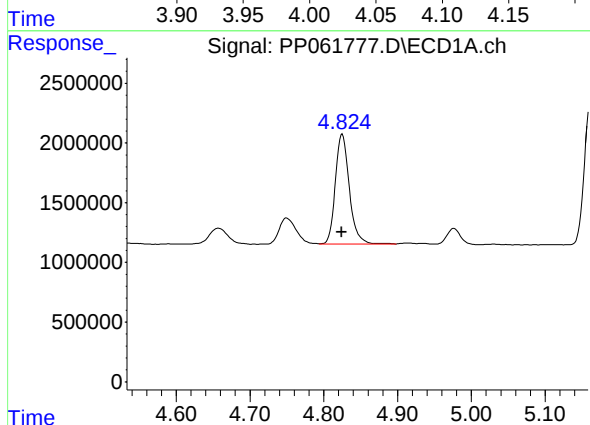
R.T.: 4.750 min  
Delta R.T.: 0.002 min  
Response: 3493214  
Conc: 287.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



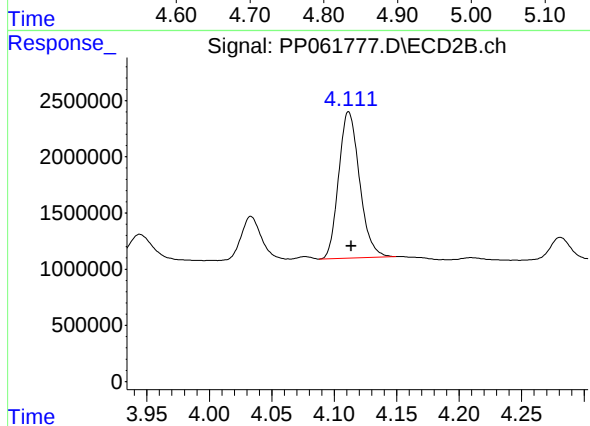
#9 AR-1221-2

R.T.: 4.033 min  
Delta R.T.: -0.002 min  
Response: 4381720  
Conc: 221.74 ng/ml



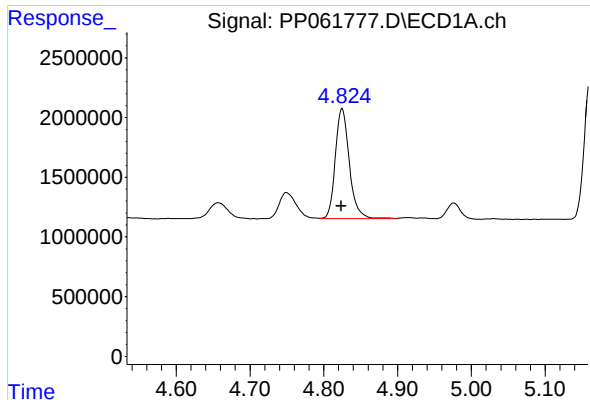
#10 AR-1221-3

R.T.: 4.825 min  
Delta R.T.: 0.000 min  
Response: 12112638  
Conc: 324.87 ng/ml



#10 AR-1221-3

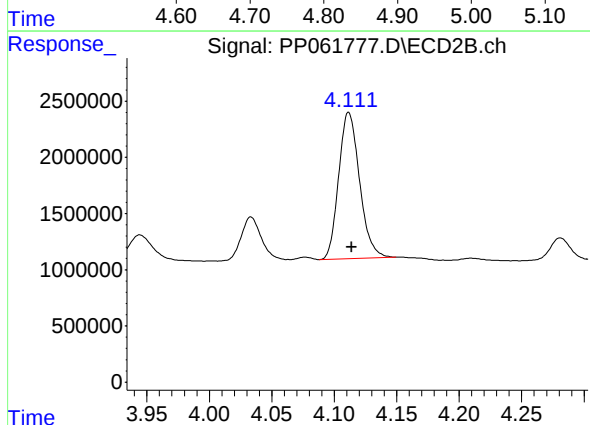
R.T.: 4.112 min  
Delta R.T.: -0.002 min  
Response: 15174513  
Conc: 259.39 ng/ml



#11 AR-1232-1

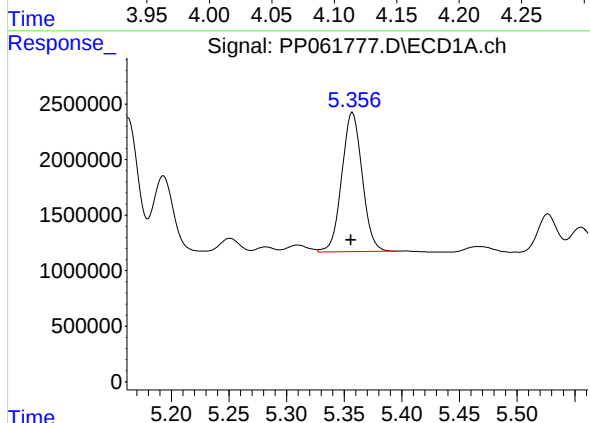
R.T.: 4.825 min  
Delta R.T.: 0.000 min  
Response: 12112638  
Conc: 399.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



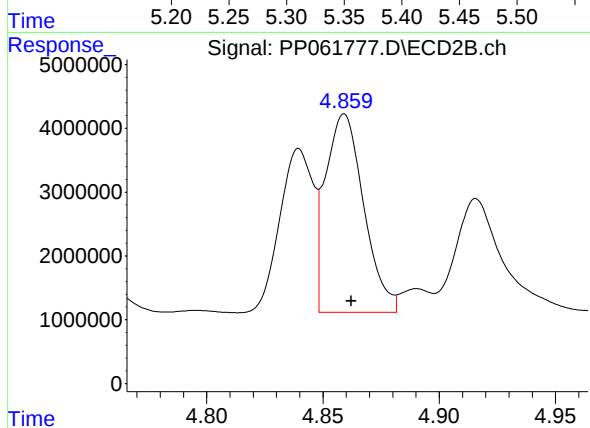
#11 AR-1232-1

R.T.: 4.112 min  
Delta R.T.: -0.002 min  
Response: 15174513  
Conc: 321.25 ng/ml



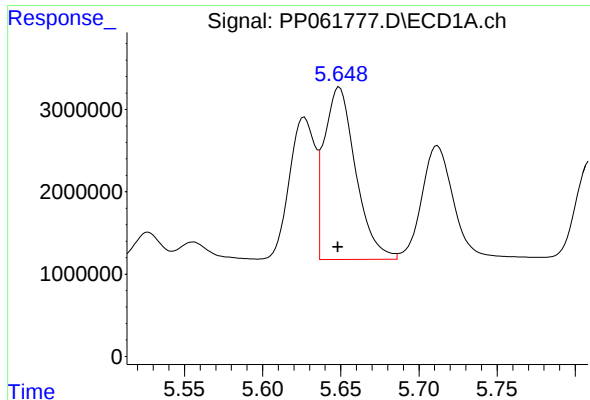
#12 AR-1232-2

R.T.: 5.357 min  
Delta R.T.: 0.001 min  
Response: 15330560  
Conc: 885.82 ng/ml



#12 AR-1232-2

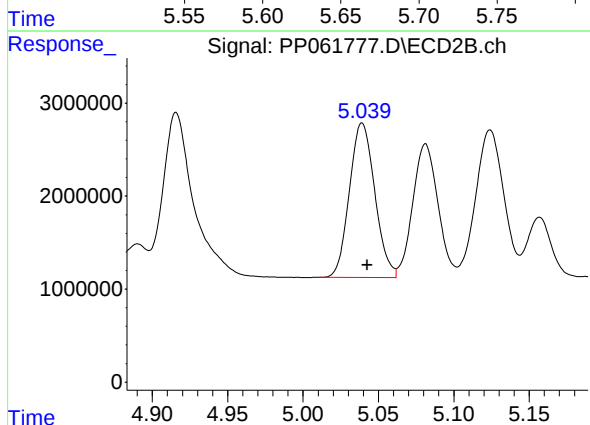
R.T.: 4.859 min  
Delta R.T.: -0.003 min  
Response: 35600523  
Conc: 855.45 ng/ml



#13 AR-1232-3

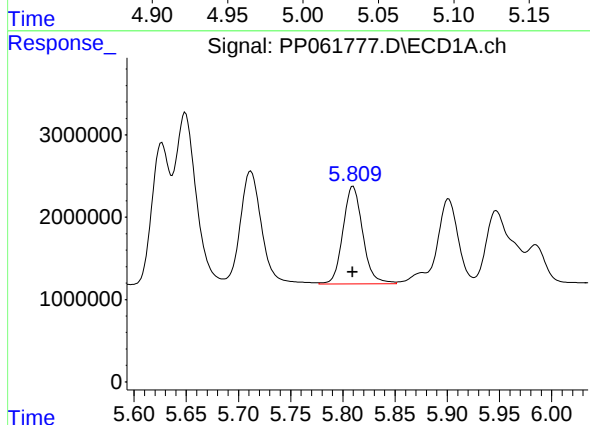
R.T.: 5.649 min  
Delta R.T.: 0.000 min  
Response: 29281701  
Conc: 991.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



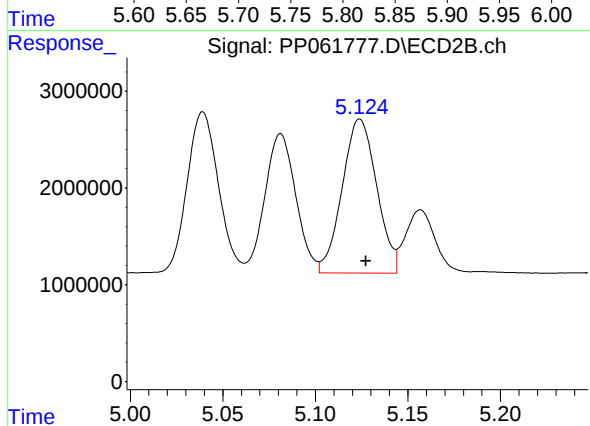
#13 AR-1232-3

R.T.: 5.039 min  
Delta R.T.: -0.003 min  
Response: 19481059  
Conc: 907.22 ng/ml



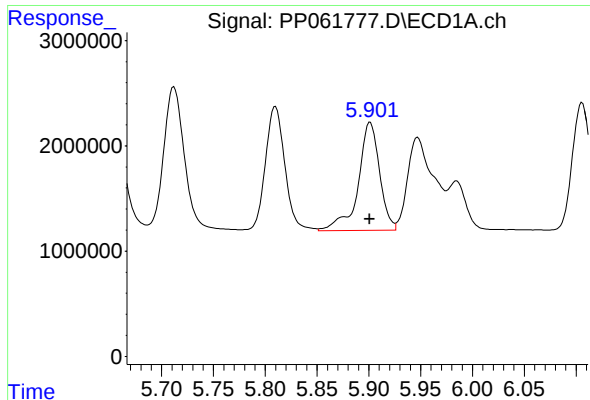
#14 AR-1232-4

R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 15608128  
Conc: 1087.14 ng/ml



#14 AR-1232-4

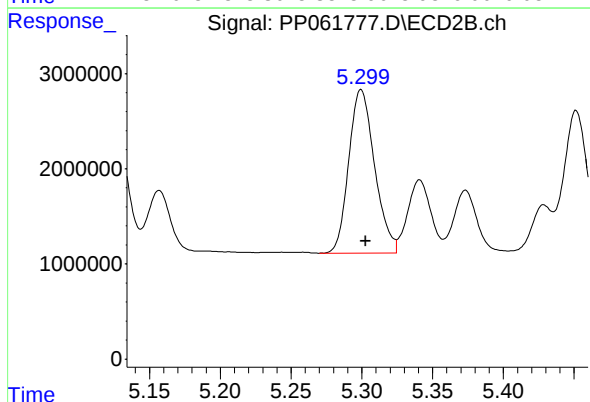
R.T.: 5.124 min  
Delta R.T.: -0.003 min  
Response: 20654662  
Conc: 972.49 ng/ml



#15 AR-1232-5

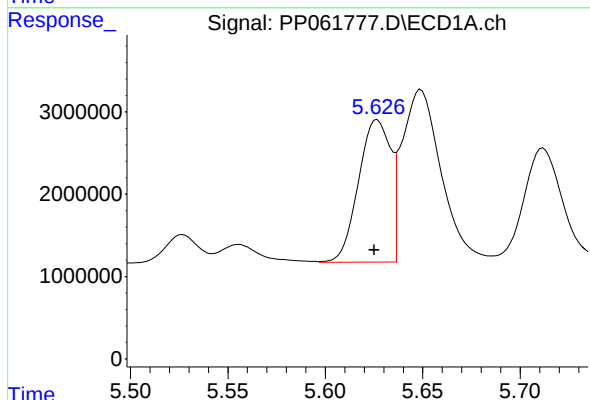
R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 14757460  
Conc: 1129.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



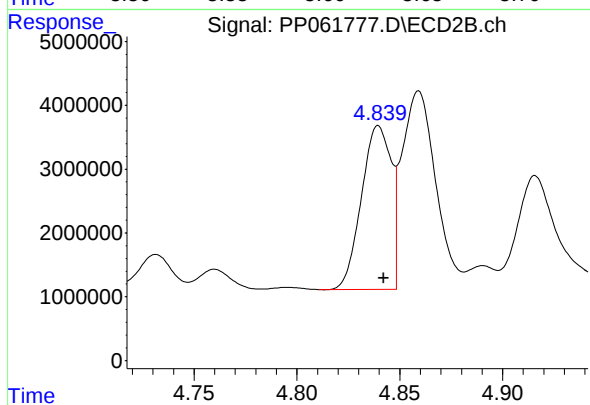
#15 AR-1232-5

R.T.: 5.300 min  
Delta R.T.: -0.003 min  
Response: 21853823  
Conc: 974.87 ng/ml



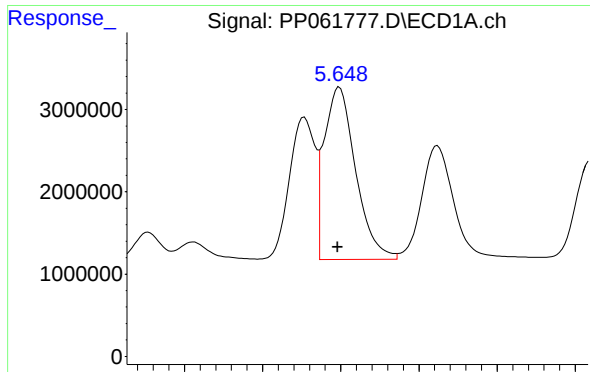
#16 AR-1242-1

R.T.: 5.627 min  
Delta R.T.: 0.001 min  
Response: 19768418  
Conc: 509.51 ng/ml



#16 AR-1242-1

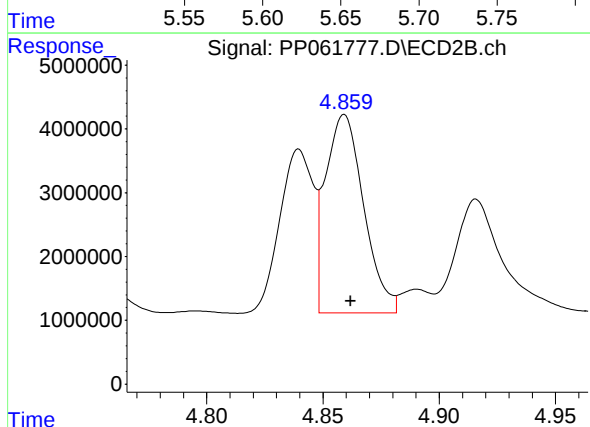
R.T.: 4.840 min  
Delta R.T.: -0.003 min  
Response: 25753530  
Conc: 453.39 ng/ml



#17 AR-1242-2

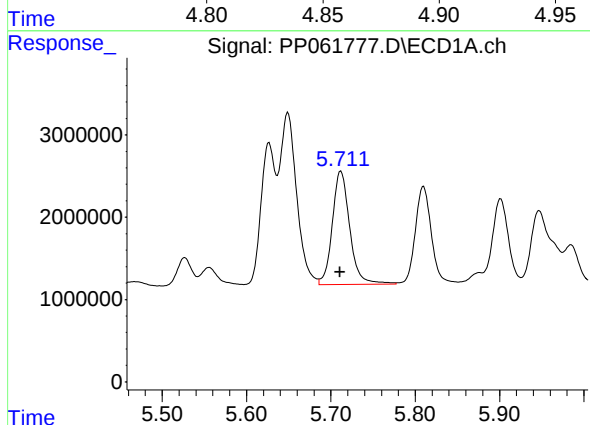
R.T.: 5.649 min  
Delta R.T.: 0.001 min  
Response: 29281701  
Conc: 501.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



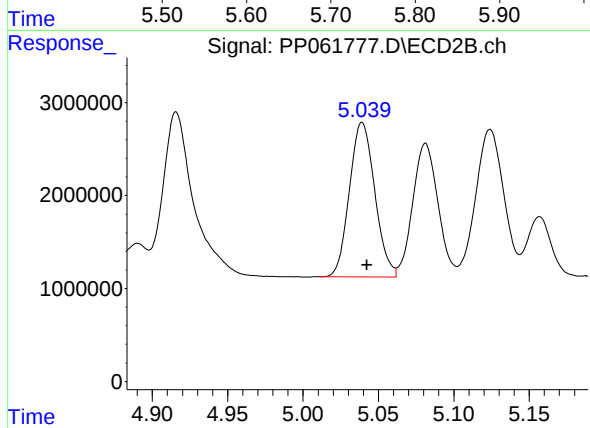
#17 AR-1242-2

R.T.: 4.859 min  
Delta R.T.: -0.003 min  
Response: 35600523  
Conc: 459.47 ng/ml



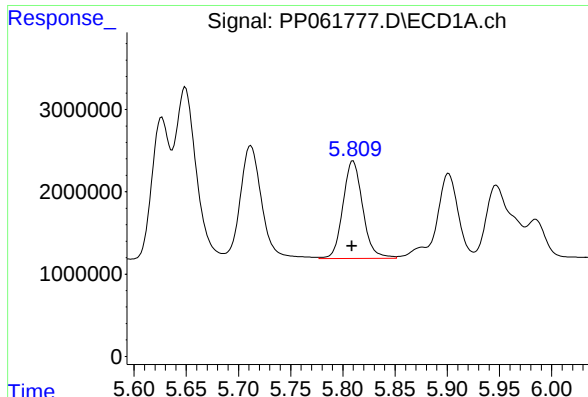
#18 AR-1242-3

R.T.: 5.712 min  
Delta R.T.: 0.001 min  
Response: 19760965  
Conc: 512.08 ng/ml



#18 AR-1242-3

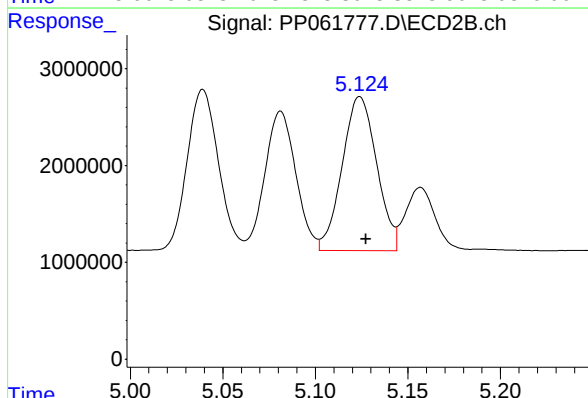
R.T.: 5.039 min  
Delta R.T.: -0.003 min  
Response: 19481059  
Conc: 481.06 ng/ml



#19 AR-1242-4

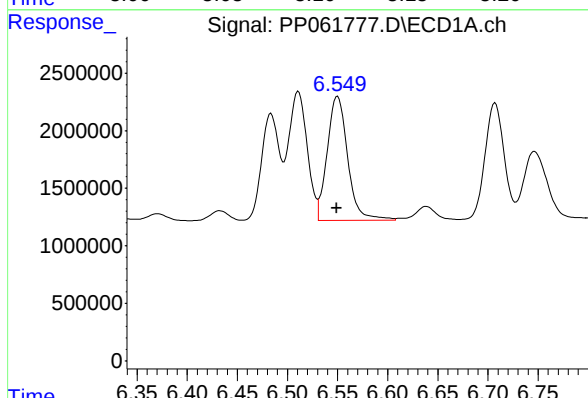
R.T.: 5.810 min  
Delta R.T.: 0.001 min  
Response: 15608128  
Conc: 510.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



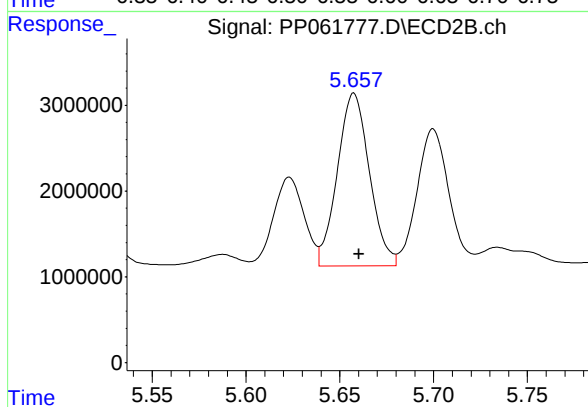
#19 AR-1242-4

R.T.: 5.124 min  
Delta R.T.: -0.003 min  
Response: 20654662  
Conc: 469.35 ng/ml



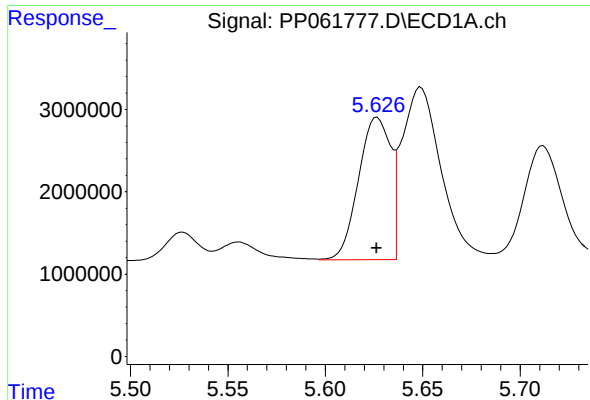
#20 AR-1242-5

R.T.: 6.550 min  
Delta R.T.: 0.000 min  
Response: 15411104  
Conc: 499.48 ng/ml



#20 AR-1242-5

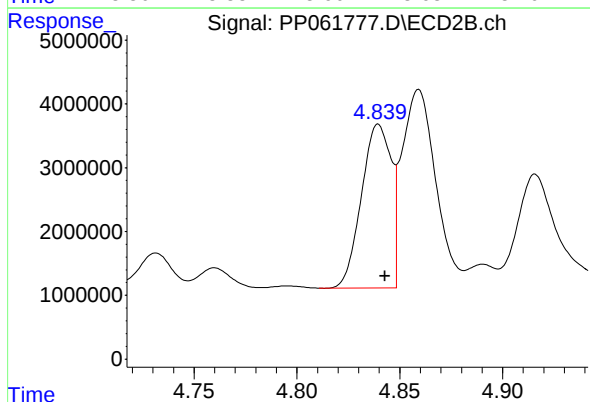
R.T.: 5.657 min  
Delta R.T.: -0.003 min  
Response: 23958725  
Conc: 506.93 ng/ml



#21 AR-1248-1

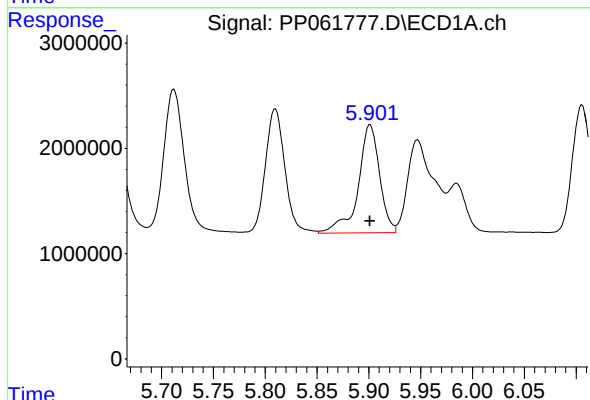
R.T.: 5.627 min  
Delta R.T.: 0.000 min  
Response: 19768418  
Conc: 728.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



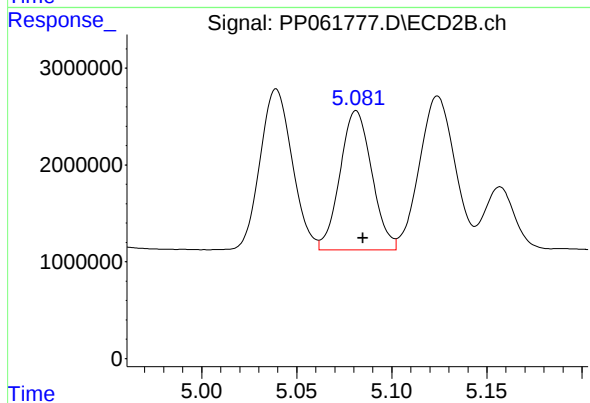
#21 AR-1248-1

R.T.: 4.840 min  
Delta R.T.: -0.003 min  
Response: 25753530  
Conc: 632.85 ng/ml



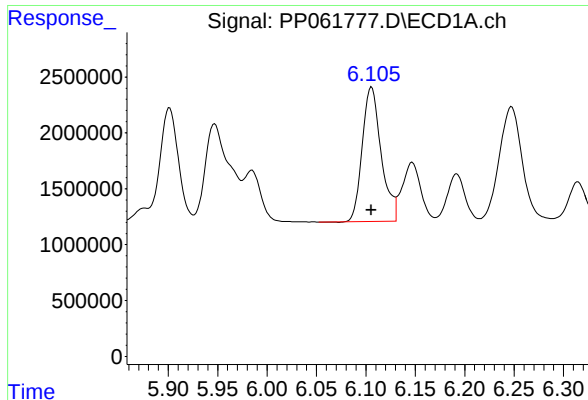
#22 AR-1248-2

R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 14757460  
Conc: 335.29 ng/ml



#22 AR-1248-2

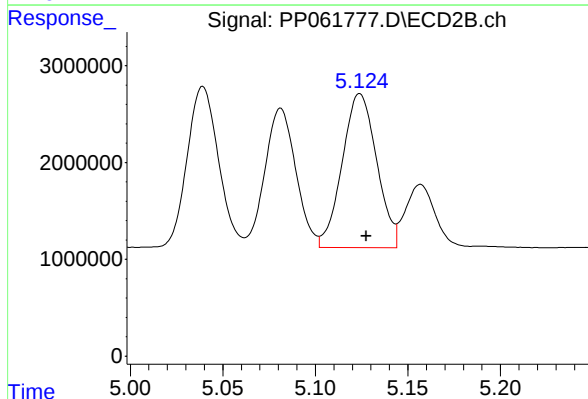
R.T.: 5.081 min  
Delta R.T.: -0.003 min  
Response: 16758398  
Conc: 277.79 ng/ml



#23 AR-1248-3

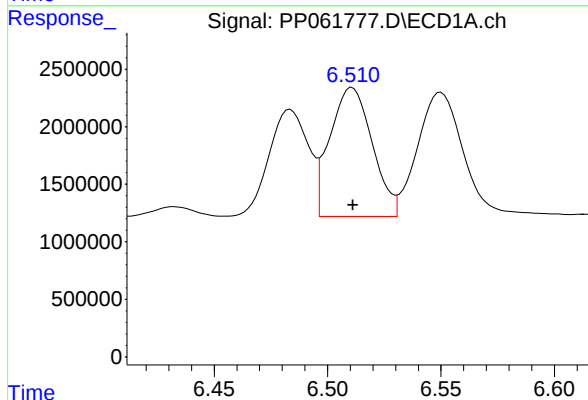
R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 16006871  
Conc: 329.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



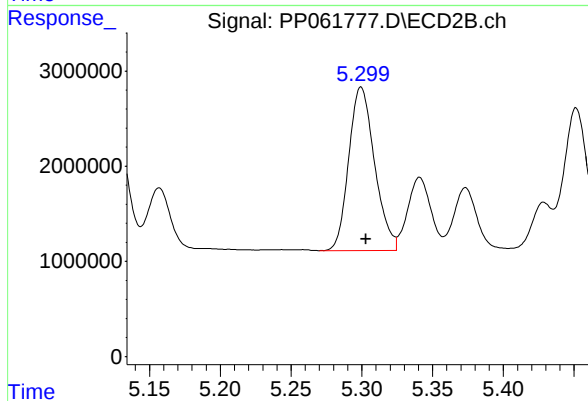
#23 AR-1248-3

R.T.: 5.124 min  
Delta R.T.: -0.004 min  
Response: 20654662  
Conc: 331.20 ng/ml



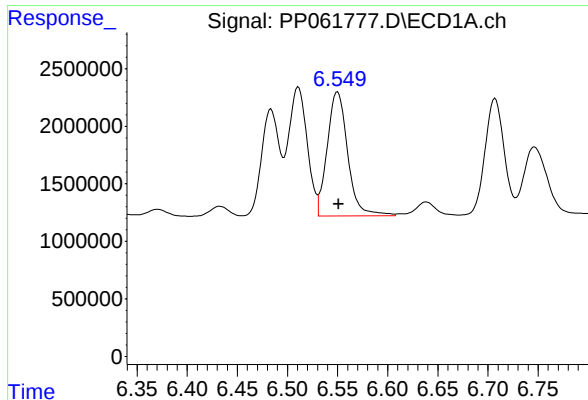
#24 AR-1248-4

R.T.: 6.511 min  
Delta R.T.: 0.000 min  
Response: 14564063  
Conc: 284.57 ng/ml



#24 AR-1248-4

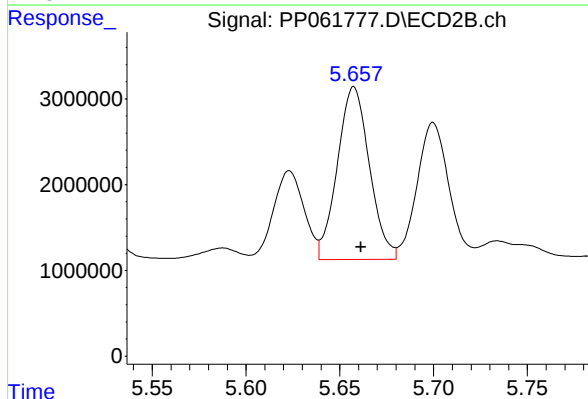
R.T.: 5.300 min  
Delta R.T.: -0.004 min  
Response: 21853823  
Conc: 308.24 ng/ml



#25 AR-1248-5

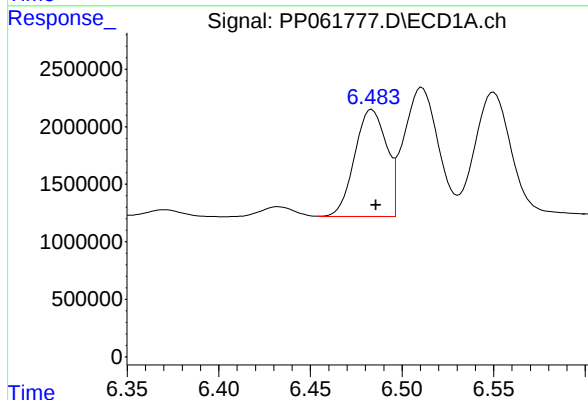
R.T.: 6.550 min  
Delta R.T.: 0.000 min  
Response: 15411104  
Conc: 296.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



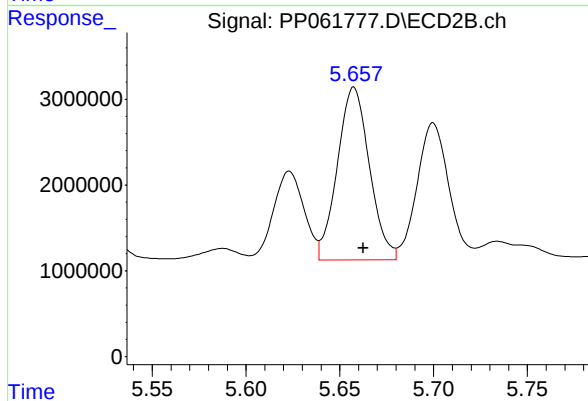
#25 AR-1248-5

R.T.: 5.657 min  
Delta R.T.: -0.004 min  
Response: 23958725  
Conc: 267.08 ng/ml



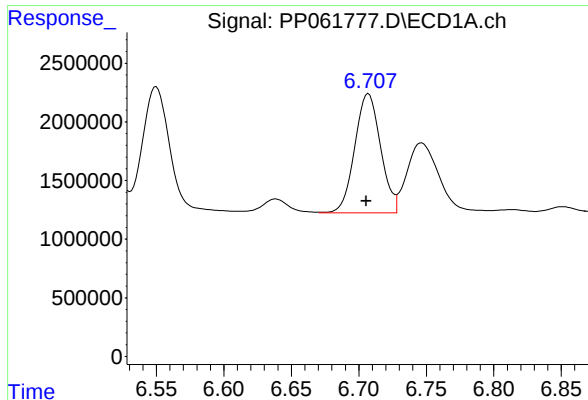
#26 AR-1254-1

R.T.: 6.484 min  
Delta R.T.: -0.002 min  
Response: 11279289  
Conc: 194.86 ng/ml



#26 AR-1254-1

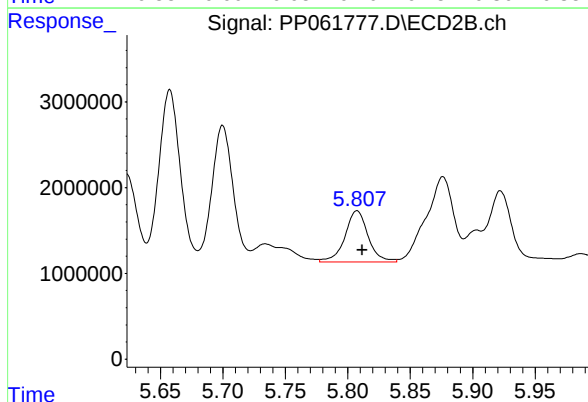
R.T.: 5.657 min  
Delta R.T.: -0.005 min  
Response: 23958725  
Conc: 238.63 ng/ml



#27 AR-1254-2

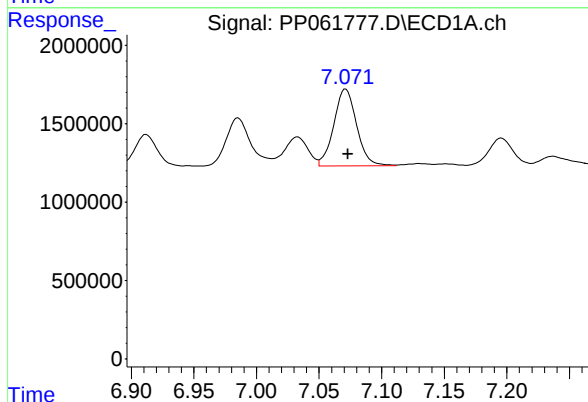
R.T.: 6.707 min  
Delta R.T.: 0.001 min  
Response: 13592198  
Conc: 157.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



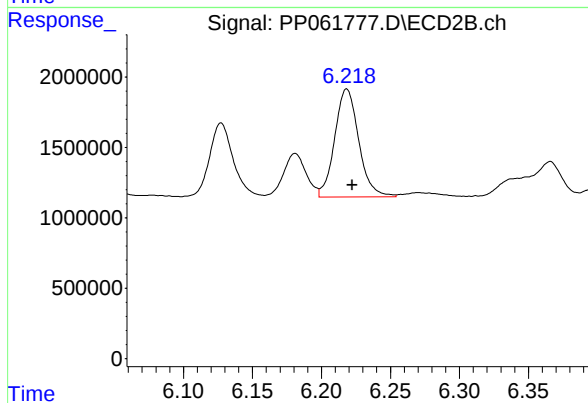
#27 AR-1254-2

R.T.: 5.807 min  
Delta R.T.: -0.004 min  
Response: 7757037  
Conc: 85.18 ng/ml



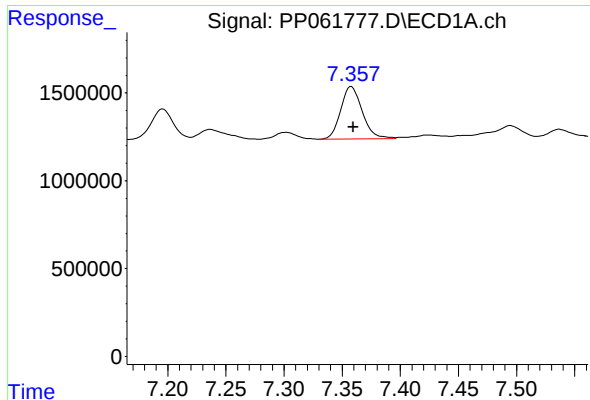
#28 AR-1254-3

R.T.: 7.071 min  
Delta R.T.: -0.002 min  
Response: 6250731  
Conc: 73.49 ng/ml



#28 AR-1254-3

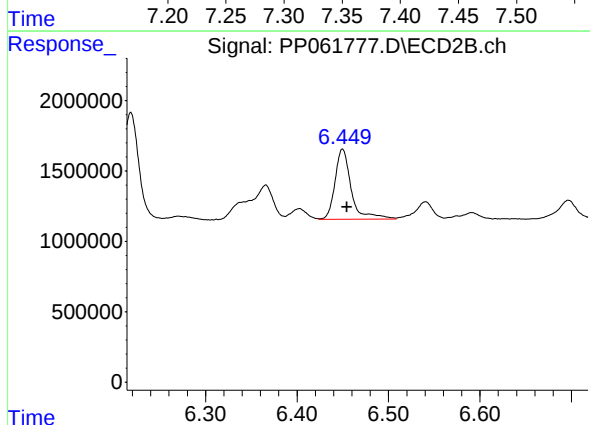
R.T.: 6.218 min  
Delta R.T.: -0.004 min  
Response: 9272811  
Conc: 66.94 ng/ml



#29 AR-1254-4

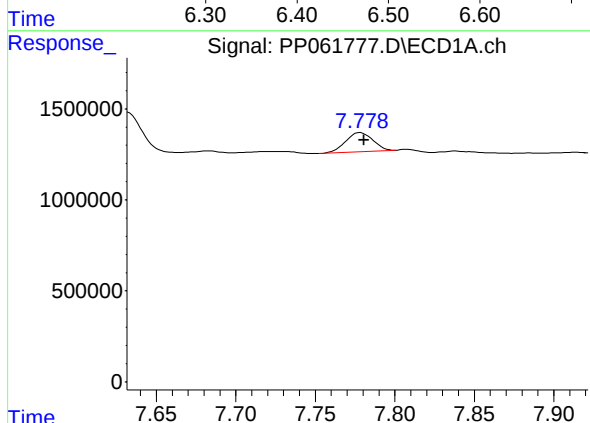
R.T.: 7.358 min  
Delta R.T.: -0.002 min  
Response: 3861874  
Conc: 73.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



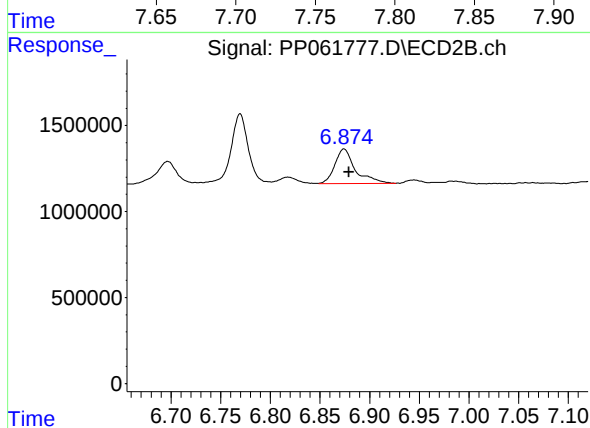
#29 AR-1254-4

R.T.: 6.450 min  
Delta R.T.: -0.005 min  
Response: 6113130  
Conc: 90.88 ng/ml



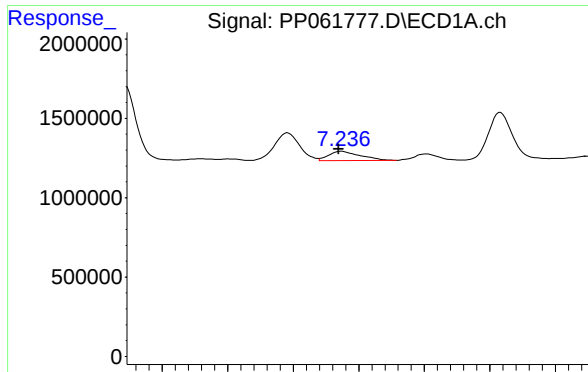
#30 AR-1254-5

R.T.: 7.778 min  
Delta R.T.: -0.002 min  
Response: 1255737  
Conc: 20.01 ng/ml



#30 AR-1254-5

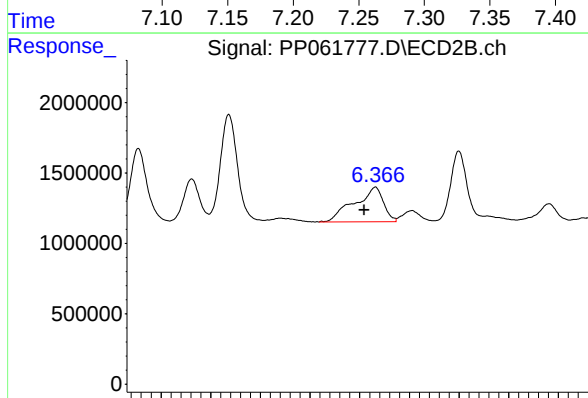
R.T.: 6.874 min  
Delta R.T.: -0.005 min  
Response: 2882919  
Conc: 24.53 ng/ml



#31 AR-1260-1

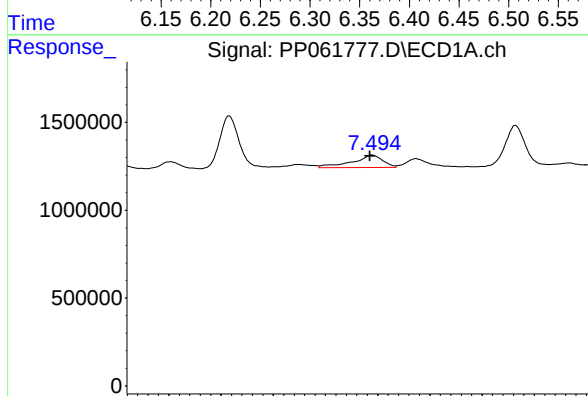
R.T.: 7.237 min  
Delta R.T.: 0.002 min  
Response: 965087  
Conc: 13.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



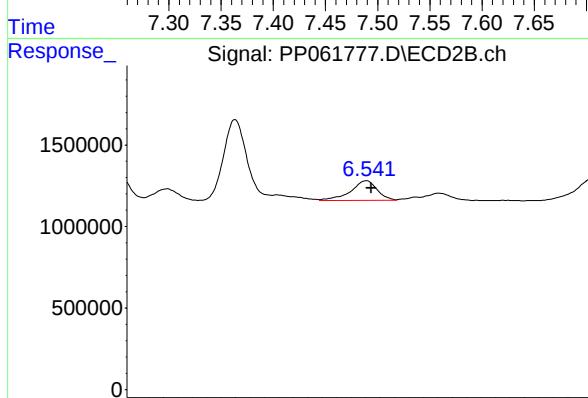
#31 AR-1260-1

R.T.: 6.366 min  
Delta R.T.: 0.011 min  
Response: 4972173  
Conc: 49.43 ng/ml



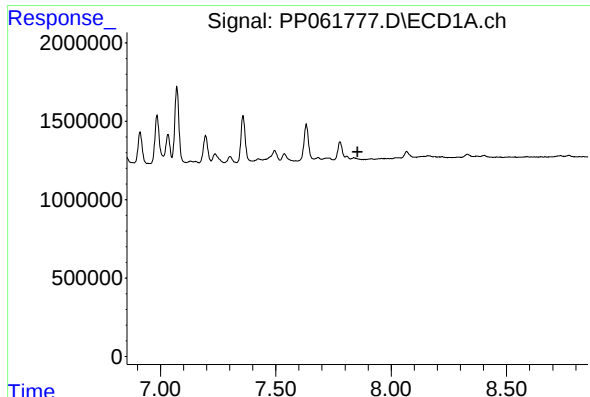
#32 AR-1260-2

R.T.: 7.495 min  
Delta R.T.: 0.002 min  
Response: 1440641  
Conc: 19.23 ng/ml



#32 AR-1260-2

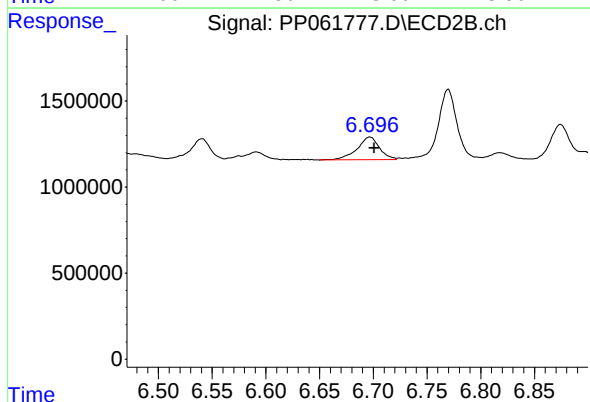
R.T.: 6.540 min  
Delta R.T.: -0.004 min  
Response: 1541233  
Conc: 13.32 ng/ml



#33 AR-1260-3

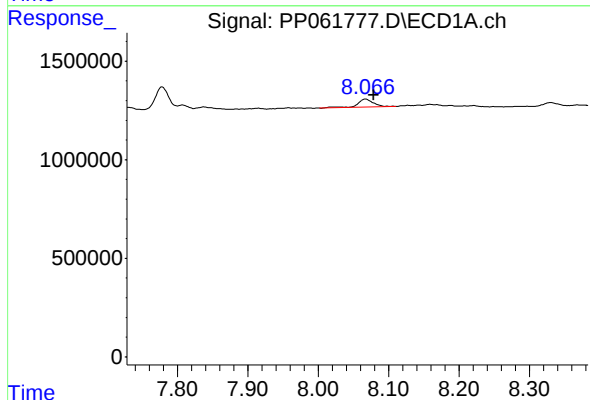
R.T.: 0.000 min  
Exp R.T.: 7.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



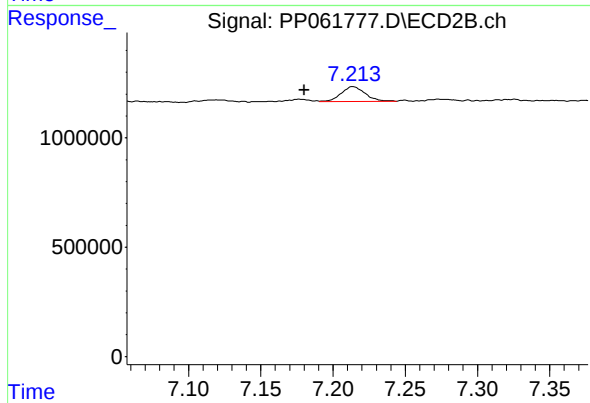
#33 AR-1260-3

R.T.: 6.697 min  
Delta R.T.: -0.004 min  
Response: 1888799  
Conc: 17.23 ng/ml



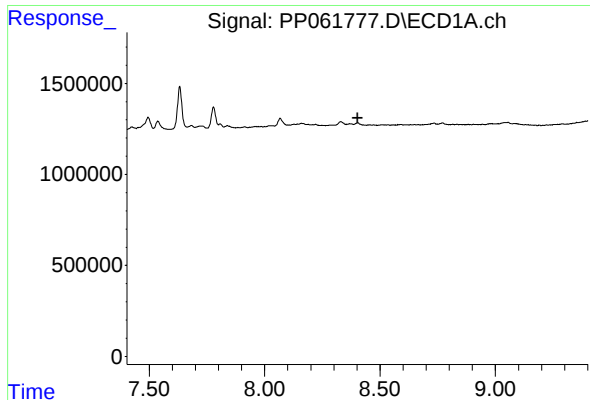
#34 AR-1260-4

R.T.: 8.067 min  
Delta R.T.: -0.012 min  
Response: 621083  
Conc: 10.43 ng/ml



#34 AR-1260-4

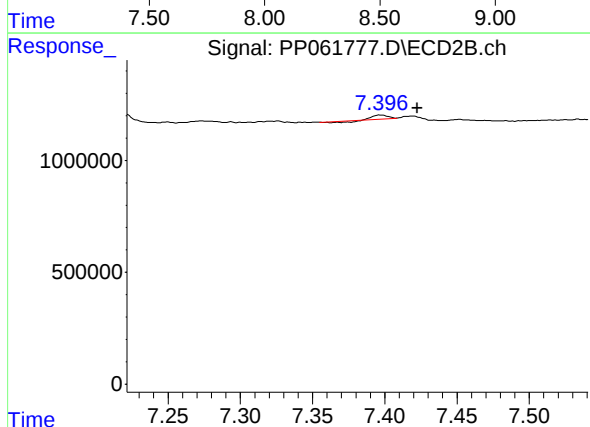
R.T.: 7.214 min  
Delta R.T.: 0.034 min  
Response: 780583  
Conc: 9.52 ng/ml



#35 AR-1260-5

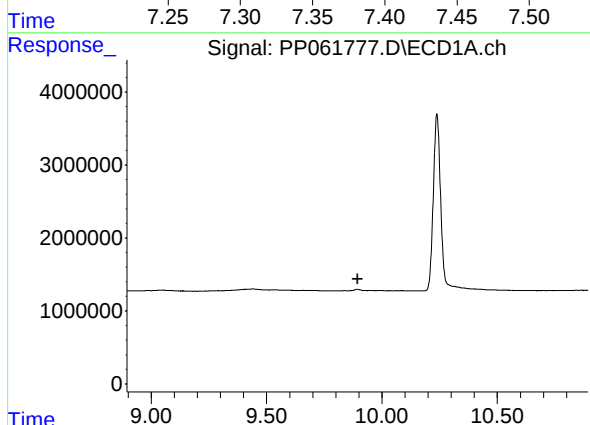
R.T.: 0.000 min  
Exp R.T.: 8.402 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



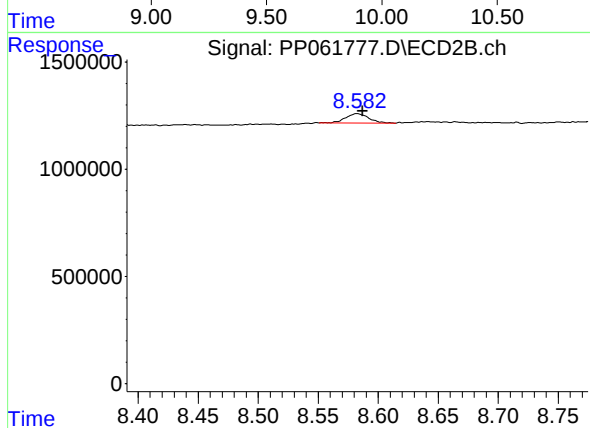
#35 AR-1260-5

R.T.: 7.397 min  
Delta R.T.: -0.026 min  
Response: 65588  
Conc: 0.38 ng/ml



#45 AR-1268-5

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



#45 AR-1268-5

R.T.: 8.583 min  
Delta R.T.: -0.005 min  
Response: 589336  
Conc: 1.02 ng/ml