

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ110420\  
 Data File : PQ050862.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Nov 2020 10:54  
 Operator : DD\AJ  
 Sample : AR1248CCC400  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 05 01:18:53 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110320CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Nov 04 08:52:38 2020  
 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... | 5.238  | 4.259 | 391.8E6  | 101.0E6  | 22.302   | 22.444     |
| 2)                          | SA Decachlor... | 11.437 | 9.624 | 615.2E6  | 179.6E6  | 44.687   | 46.704     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 6.562  | 5.525 | 142.2E6  | 37580066 | 259.770  | 239.195    |
| 4)                          | L1 AR-1016-2    | 6.586  | 5.546 | 166.3E6  | 37284602 | 211.369  | 169.978    |
| 5)                          | L1 AR-1016-3    | 6.653  | 5.740 | 77491049 | 24480748 | 167.890  | 225.821 #  |
| 6)                          | L1 AR-1016-4    | 6.760  | 5.789 | 90070427 | 52451783 | 233.425  | 598.015 #  |
| 7)                          | L1 AR-1016-5    | 7.075  | 6.019 | 223.8E6  | 59923988 | 621.391  | 518.102    |
| 9)                          | L2 AR-1221-2    | 5.594  | 4.618 | 6739450  | 1382239  | 56.244   | 44.416     |
| 10)                         | L2 AR-1221-3    | 5.675  | 4.709 | 10400416 | 2811587  | 25.790   | 25.120     |
| 11)                         | L3 AR-1232-1    | 5.675  | 4.709 | 10400416 | 2811587  | 33.047   | 31.625     |
| 12)                         | L3 AR-1232-2    | 6.268  | 5.546 | 55978351 | 37284602 | 361.025  | 416.377    |
| 13)                         | L3 AR-1232-3    | 6.586  | 5.740 | 166.3E6  | 24480748 | 527.718  | 558.755    |
| 14)                         | L3 AR-1232-4    | 6.760  | 5.834 | 90070427 | 54028386 | 577.969  | 1452.993 # |
| 15)                         | L3 AR-1232-5    | 6.856  | 6.019 | 195.9E6  | 59923988 | 1812.521 | 1399.349   |
| 16)                         | L4 AR-1242-1    | 6.562  | 5.525 | 142.2E6  | 37580066 | 298.392  | 282.654    |
| 17)                         | L4 AR-1242-2    | 6.562  | 5.546 | 142.2E6  | 37284602 | 208.208  | 199.813    |
| 18)                         | L4 AR-1242-3    | 6.653  | 5.740 | 77491049 | 24480748 | 189.677  | 262.050 #  |
| 19)                         | L4 AR-1242-4    | 6.760  | 5.834 | 90070427 | 54028386 | 266.967  | 595.078 #  |
| 20)                         | L4 AR-1242-5    | 7.543  | 6.398 | 243.1E6  | 97762151 | 688.690  | 806.400    |
| 21)                         | L5 AR-1248-1    | 6.562  | 5.525 | 142.2E6  | 37580066 | 400.476  | 399.845    |
| 22)                         | L5 AR-1248-2    | 6.856  | 5.789 | 195.9E6  | 52451783 | 399.671  | 405.166    |
| 23)                         | L5 AR-1248-3    | 7.075  | 5.834 | 223.8E6  | 54028386 | 397.852  | 405.846    |
| 24)                         | L5 AR-1248-4    | 7.503  | 6.019 | 252.7E6  | 59923988 | 387.597  | 367.111    |
| 25)                         | L5 AR-1248-5    | 7.543  | 6.443 | 243.1E6  | 68420609 | 387.353  | 414.912    |
| 26)                         | L6 AR-1254-1    | 7.472  | 6.398 | 190.3E6  | 97762151 | 282.031  | 356.435 #  |
| 27)                         | L6 AR-1254-2    | 7.708  | 6.558 | 248.0E6  | 25832978 | 239.651  | 109.750 #  |
| 28)                         | L6 AR-1254-3    | 8.085  | 6.980 | 130.8E6  | 42737815 | 116.616  | 107.568    |
| 29)                         | L6 AR-1254-4    | 8.379  | 7.218 | 88601566 | 27489254 | 110.266  | 112.342    |
| 30)                         | L6 AR-1254-5    | 8.809  | 7.648 | 16141714 | 7736666  | 18.627   | 22.675     |
| 31)                         | L7 AR-1260-1    | 8.252  | 7.129 | 16118316 | 14692652 | 25.610   | 70.938 #   |
| 32)                         | L7 AR-1260-2    | 8.509  | 7.312 | 20817349 | 3161140  | 27.139   | 12.281 #   |
| 33)                         | L7 AR-1260-3    | 8.809f | 7.467 | 16141714 | 4266007  | 26.952   | 17.980 #   |
| 34)                         | L7 AR-1260-4    | 9.118  | 7.990 | 9905347  | 2211590  | 13.881   | 10.931     |
| 35)                         | L7 AR-1260-5    | 0.000  | 8.198 | 0        | 1098186  | N.D.     | 2.166 #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.648 | 0        | 7736666  | N.D.     | 43.021 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 8.198 | 0        | 1098186  | N.D.     | 1.648 #    |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.359 | 0        | 1194841  | N.D.     | 0.593 #    |
| -----                       |                 |        |       |          |          |          |            |

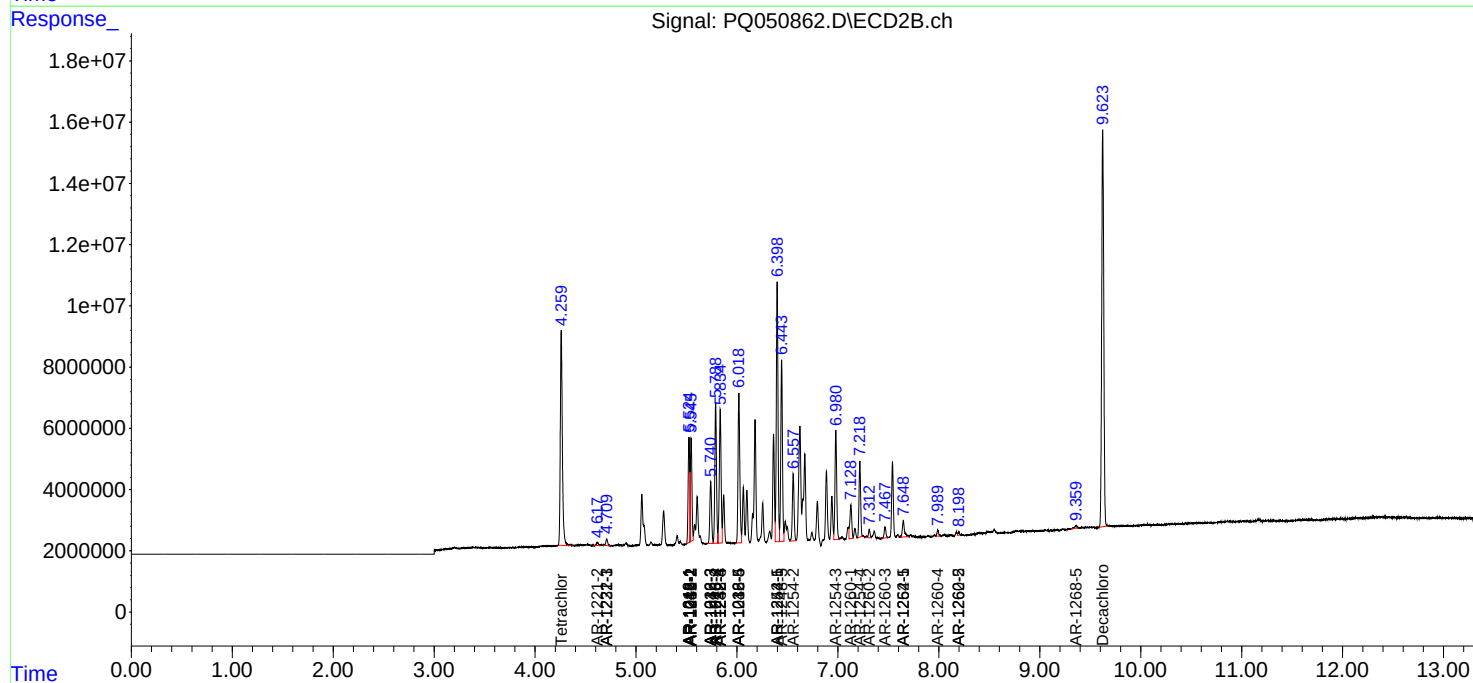
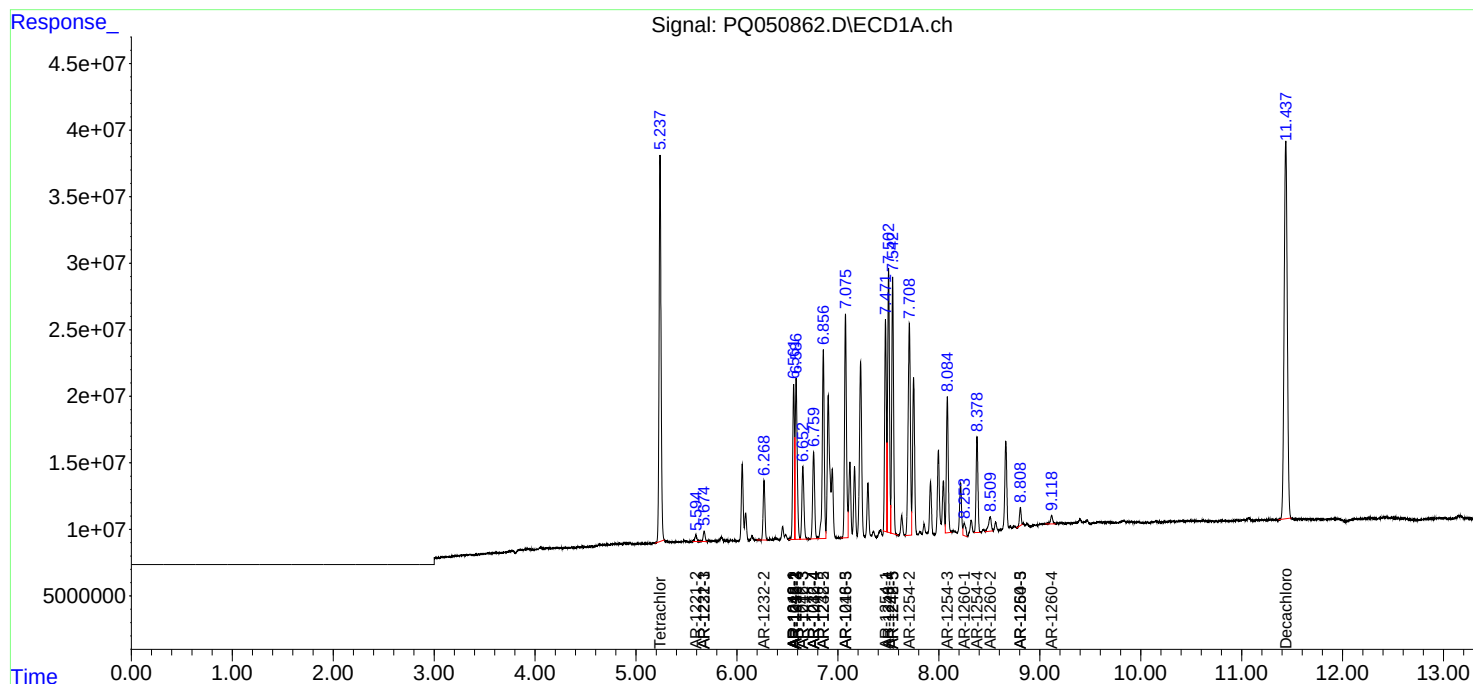
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

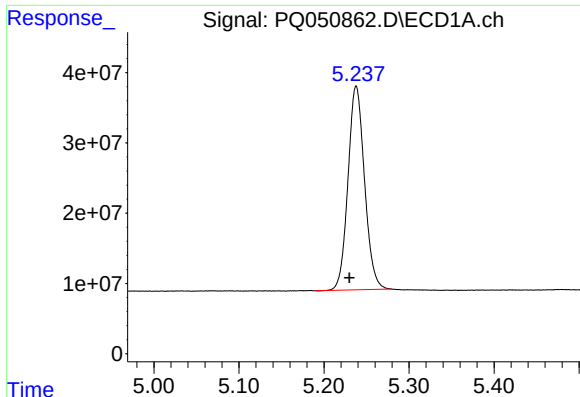
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ110420\  
Data File : PQ050862.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Nov 2020 10:54  
Operator : DD\AJ  
Sample : AR1248CCC400  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 05 01:18:53 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110320CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Nov 04 08:52:38 2020  
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

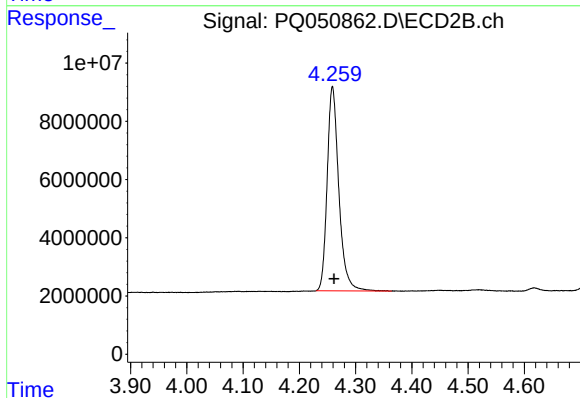




#1 Tetrachloro-m-xylene

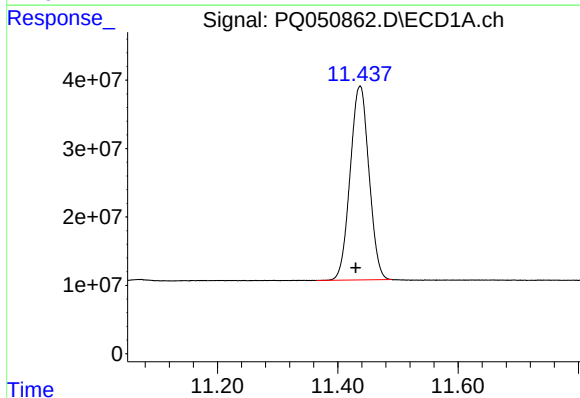
R.T.: 5.238 min  
Delta R.T.: 0.008 min  
Response: 391835814  
Conc: 22.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



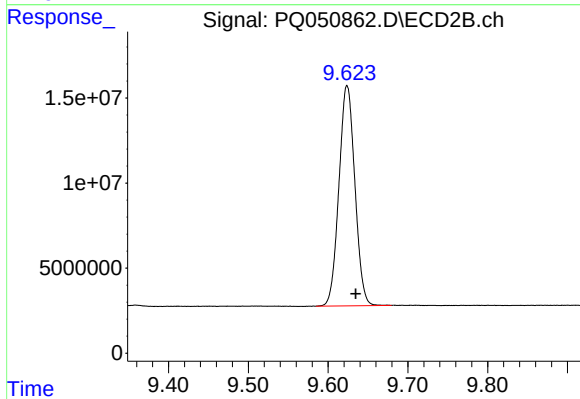
#1 Tetrachloro-m-xylene

R.T.: 4.259 min  
Delta R.T.: -0.003 min  
Response: 100966394  
Conc: 22.44 ng/ml



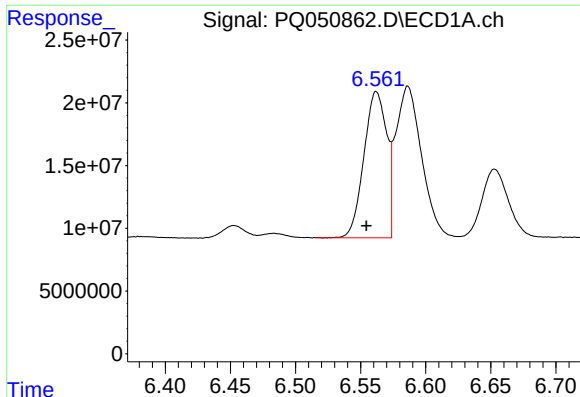
#2 Decachlorobiphenyl

R.T.: 11.437 min  
Delta R.T.: 0.007 min  
Response: 615215689  
Conc: 44.69 ng/ml



#2 Decachlorobiphenyl

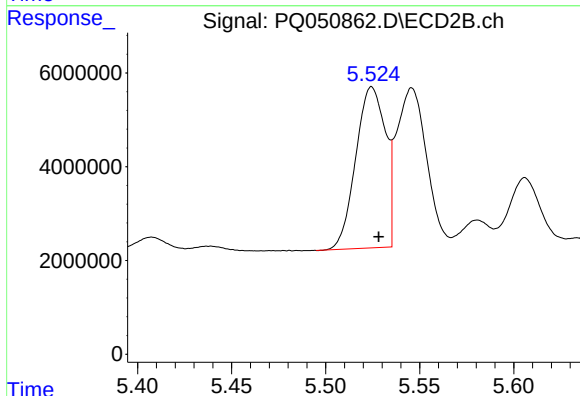
R.T.: 9.624 min  
Delta R.T.: -0.011 min  
Response: 179610104  
Conc: 46.70 ng/ml



#3 AR-1016-1

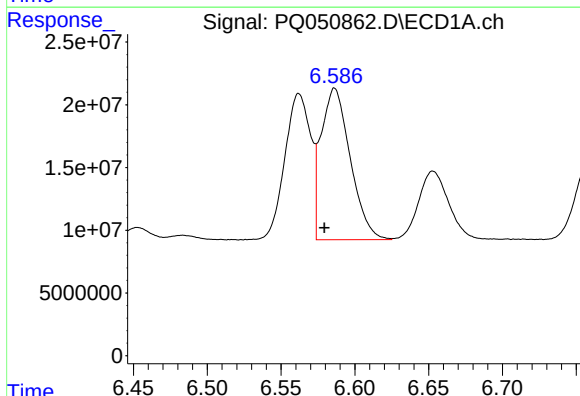
R.T.: 6.562 min  
Delta R.T.: 0.008 min  
Response: 142233009  
Conc: 259.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



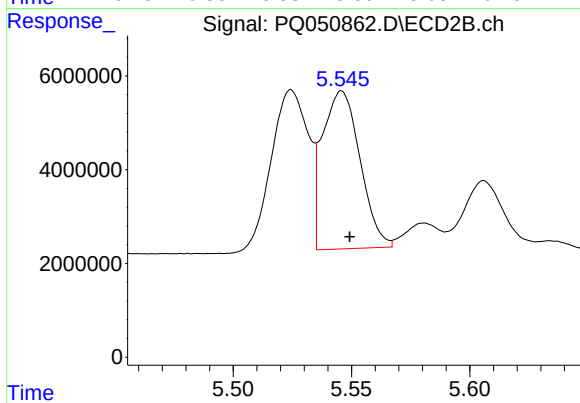
#3 AR-1016-1

R.T.: 5.525 min  
Delta R.T.: -0.004 min  
Response: 37580066  
Conc: 239.20 ng/ml



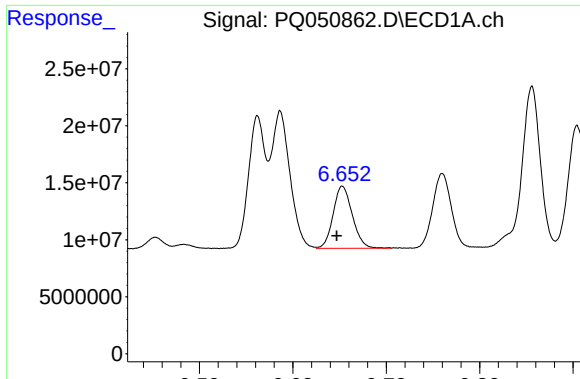
#4 AR-1016-2

R.T.: 6.586 min  
Delta R.T.: 0.007 min  
Response: 166303048  
Conc: 211.37 ng/ml



#4 AR-1016-2

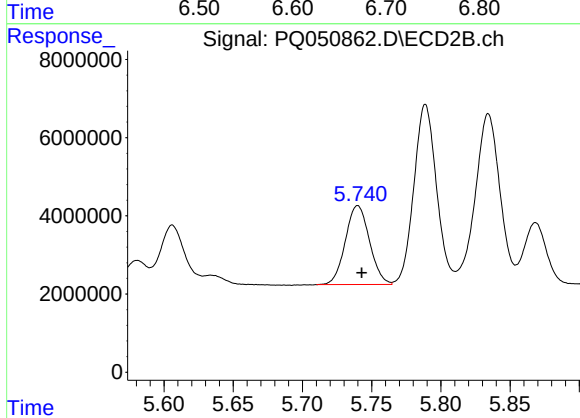
R.T.: 5.546 min  
Delta R.T.: -0.003 min  
Response: 37284602  
Conc: 169.98 ng/ml



#5 AR-1016-3

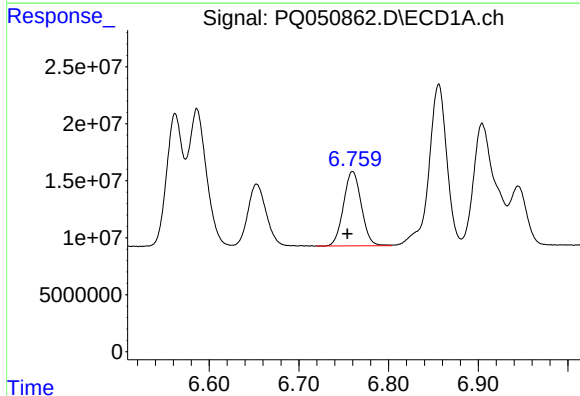
R.T.: 6.653 min  
Delta R.T.: 0.006 min  
Response: 77491049  
Conc: 167.89 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



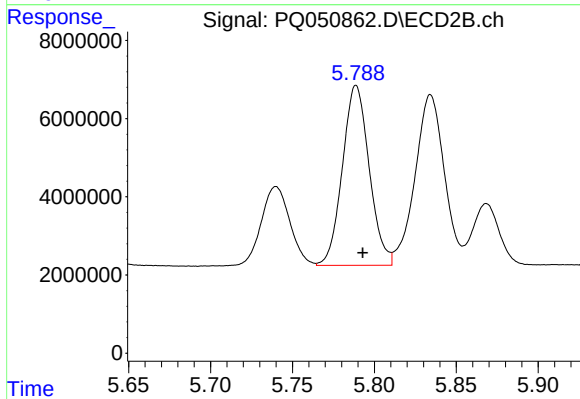
#5 AR-1016-3

R.T.: 5.740 min  
Delta R.T.: -0.003 min  
Response: 24480748  
Conc: 225.82 ng/ml



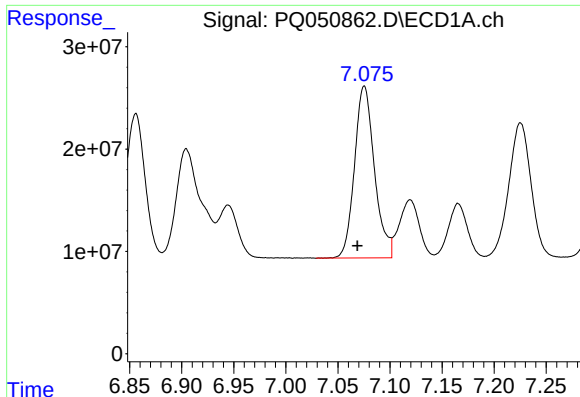
#6 AR-1016-4

R.T.: 6.760 min  
Delta R.T.: 0.006 min  
Response: 90070427  
Conc: 233.42 ng/ml



#6 AR-1016-4

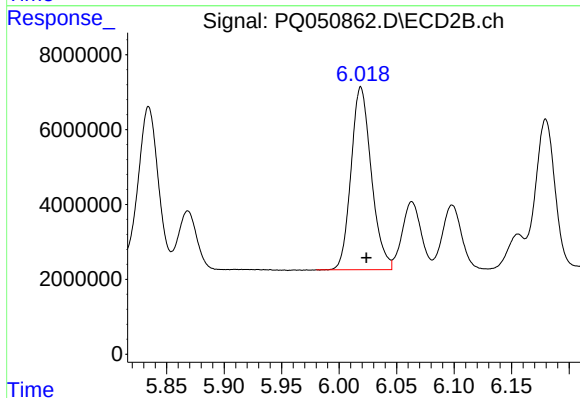
R.T.: 5.789 min  
Delta R.T.: -0.004 min  
Response: 52451783  
Conc: 598.01 ng/ml



#7 AR-1016-5

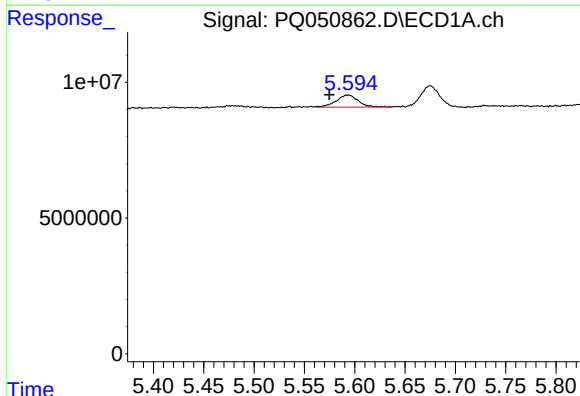
R.T.: 7.075 min  
Delta R.T.: 0.007 min  
Response: 223757873  
Conc: 621.39 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



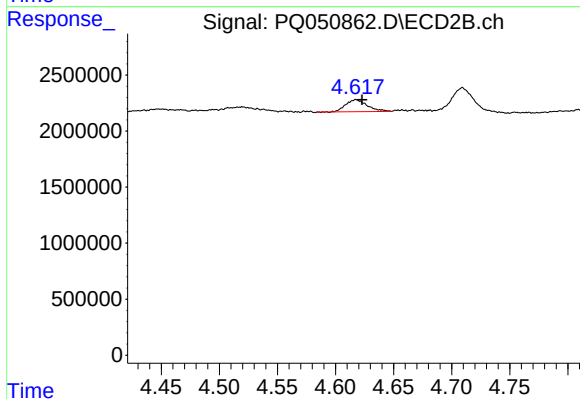
#7 AR-1016-5

R.T.: 6.019 min  
Delta R.T.: -0.005 min  
Response: 59923988  
Conc: 518.10 ng/ml



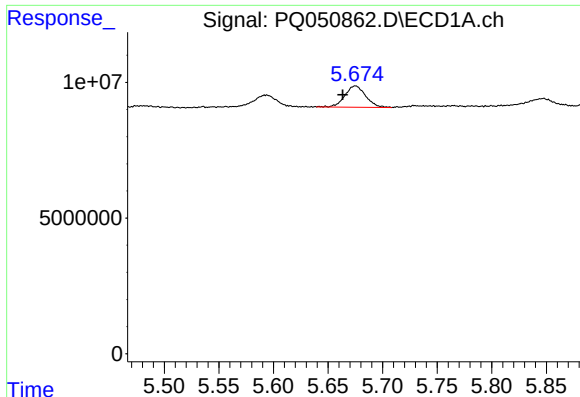
#9 AR-1221-2

R.T.: 5.594 min  
Delta R.T.: 0.019 min  
Response: 6739450  
Conc: 56.24 ng/ml



#9 AR-1221-2

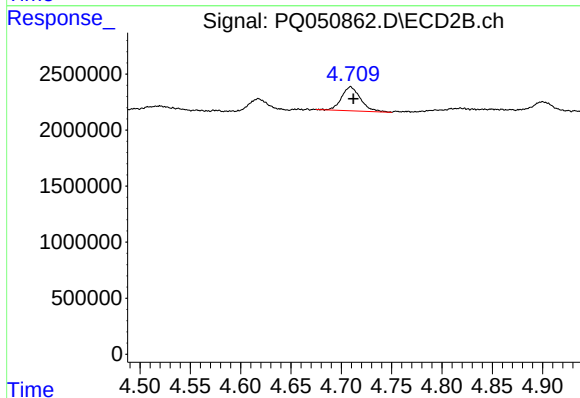
R.T.: 4.618 min  
Delta R.T.: -0.005 min  
Response: 1382239  
Conc: 44.42 ng/ml



#10 AR-1221-3

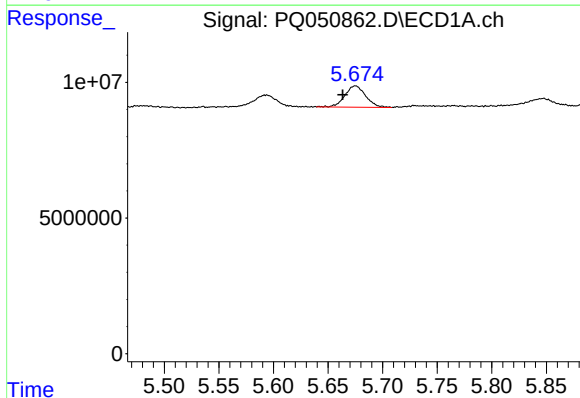
R.T.: 5.675 min  
Delta R.T.: 0.012 min  
Response: 10400416  
Conc: 25.79 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



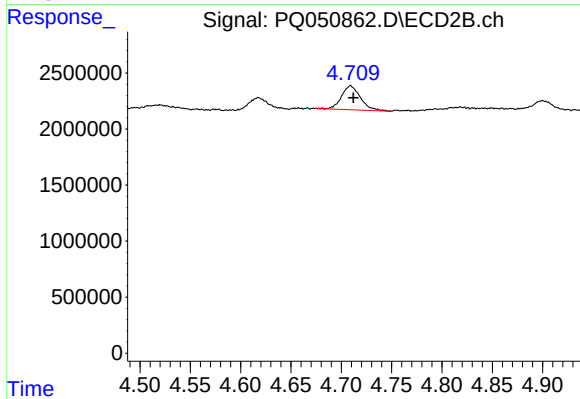
#10 AR-1221-3

R.T.: 4.709 min  
Delta R.T.: -0.003 min  
Response: 2811587  
Conc: 25.12 ng/ml



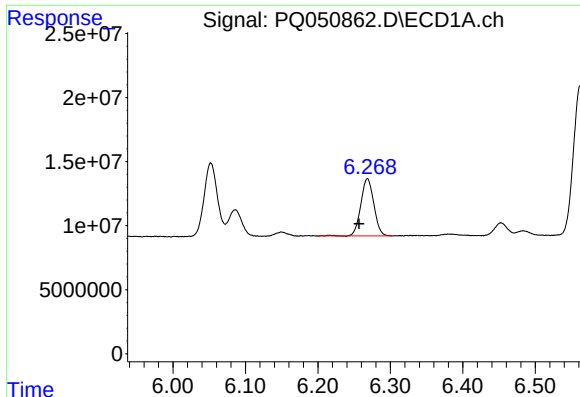
#11 AR-1232-1

R.T.: 5.675 min  
Delta R.T.: 0.012 min  
Response: 10400416  
Conc: 33.05 ng/ml



#11 AR-1232-1

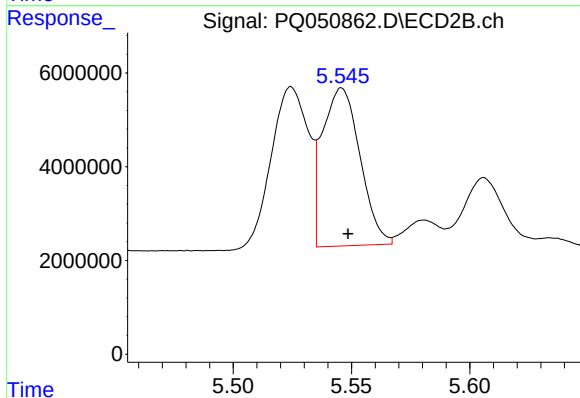
R.T.: 4.709 min  
Delta R.T.: -0.003 min  
Response: 2811587  
Conc: 31.62 ng/ml



#12 AR-1232-2

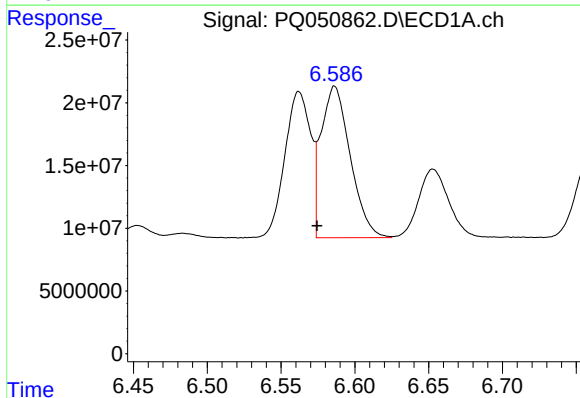
R.T.: 6.268 min  
Delta R.T.: 0.012 min  
Response: 55978351  
Conc: 361.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



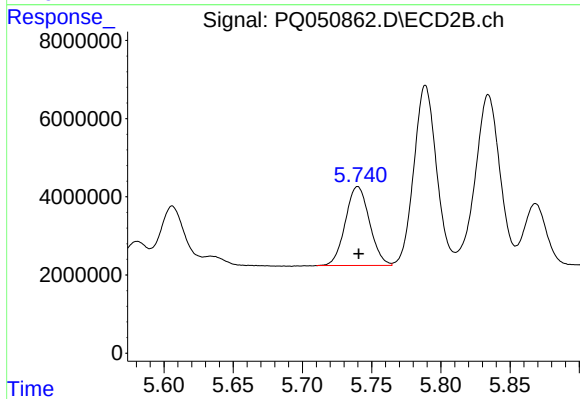
#12 AR-1232-2

R.T.: 5.546 min  
Delta R.T.: -0.003 min  
Response: 37284602  
Conc: 416.38 ng/ml



#13 AR-1232-3

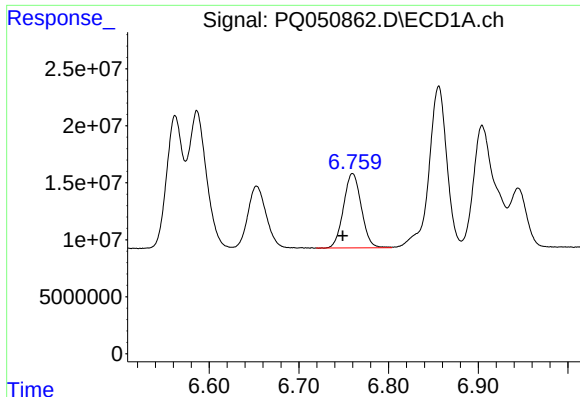
R.T.: 6.586 min  
Delta R.T.: 0.012 min  
Response: 166303048  
Conc: 527.72 ng/ml



#13 AR-1232-3

R.T.: 5.740 min  
Delta R.T.: 0.000 min  
Response: 24480748  
Conc: 558.76 ng/ml

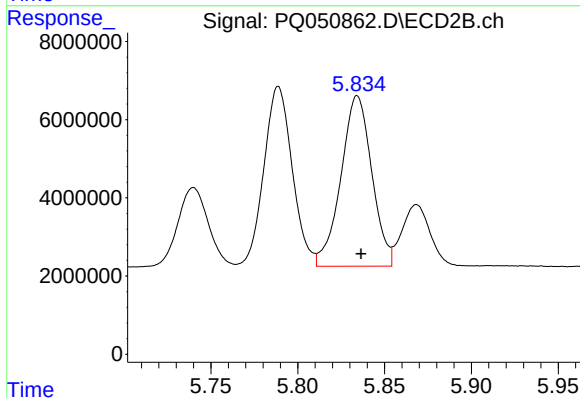




#14 AR-1232-4

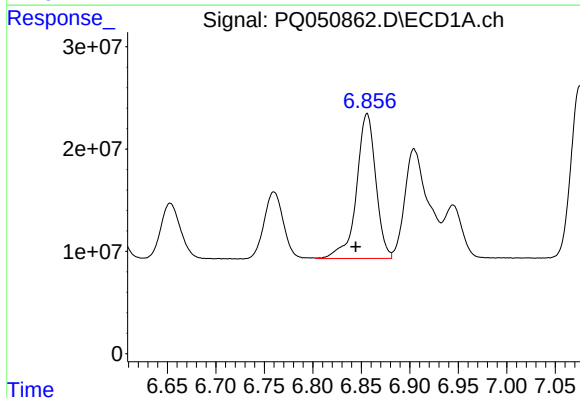
R.T.: 6.760 min  
Delta R.T.: 0.011 min  
Response: 90070427  
Conc: 577.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



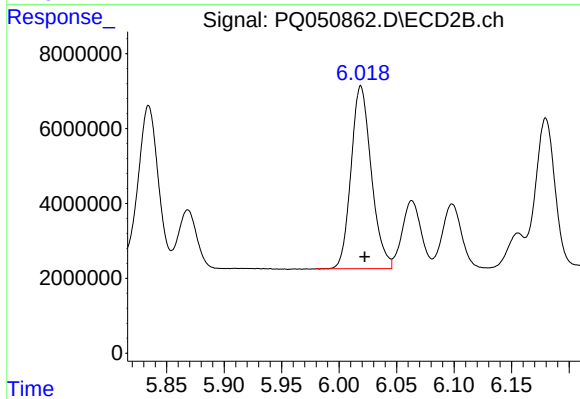
#14 AR-1232-4

R.T.: 5.834 min  
Delta R.T.: -0.002 min  
Response: 54028386  
Conc: 1452.99 ng/ml



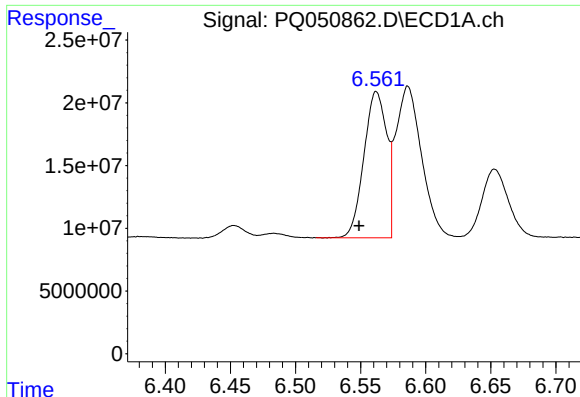
#15 AR-1232-5

R.T.: 6.856 min  
Delta R.T.: 0.012 min  
Response: 195894992  
Conc: 1812.52 ng/ml



#15 AR-1232-5

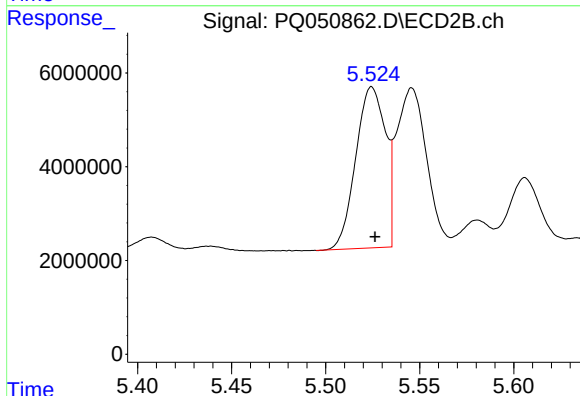
R.T.: 6.019 min  
Delta R.T.: -0.003 min  
Response: 59923988  
Conc: 1399.35 ng/ml



#16 AR-1242-1

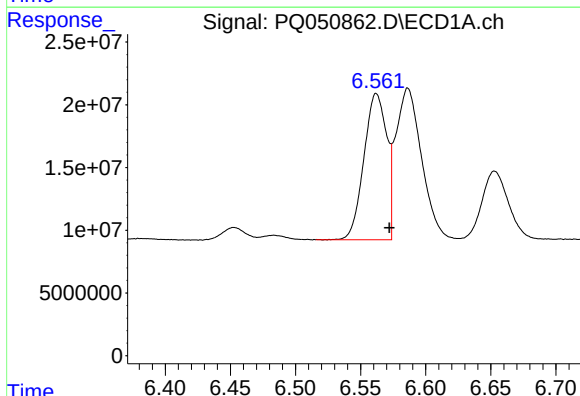
R.T.: 6.562 min  
Delta R.T.: 0.013 min  
Response: 142233009  
Conc: 298.39 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



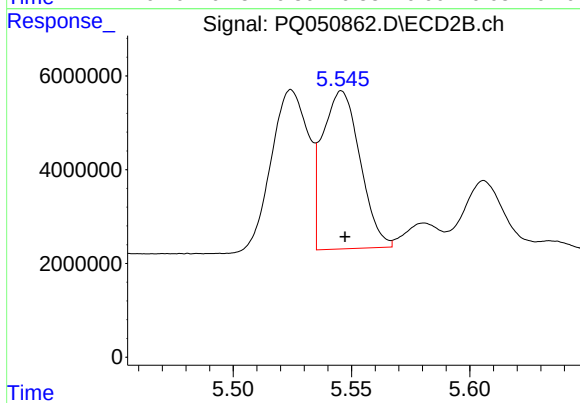
#16 AR-1242-1

R.T.: 5.525 min  
Delta R.T.: -0.002 min  
Response: 37580066  
Conc: 282.65 ng/ml



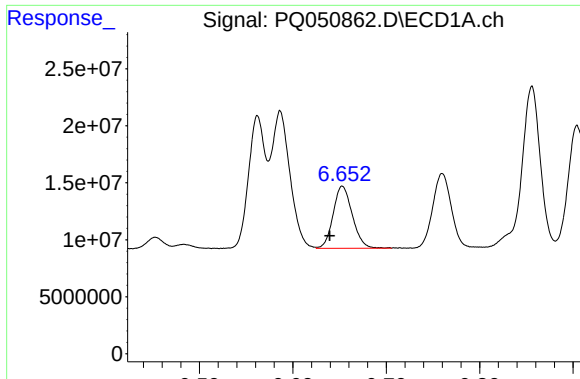
#17 AR-1242-2

R.T.: 6.562 min  
Delta R.T.: -0.010 min  
Response: 142233009  
Conc: 208.21 ng/ml



#17 AR-1242-2

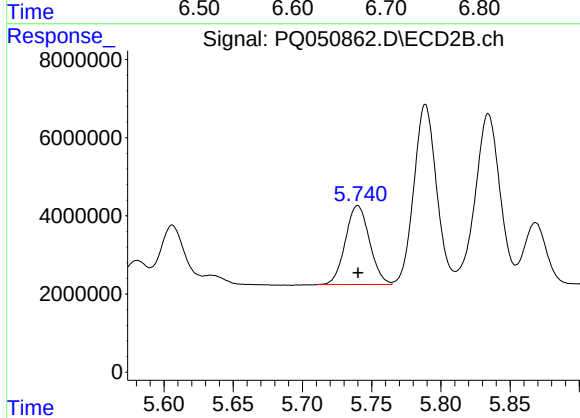
R.T.: 5.546 min  
Delta R.T.: -0.001 min  
Response: 37284602  
Conc: 199.81 ng/ml



#18 AR-1242-3

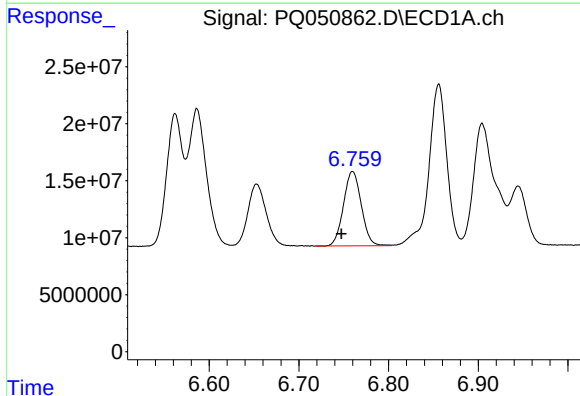
R.T.: 6.653 min  
Delta R.T.: 0.013 min  
Response: 77491049  
Conc: 189.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



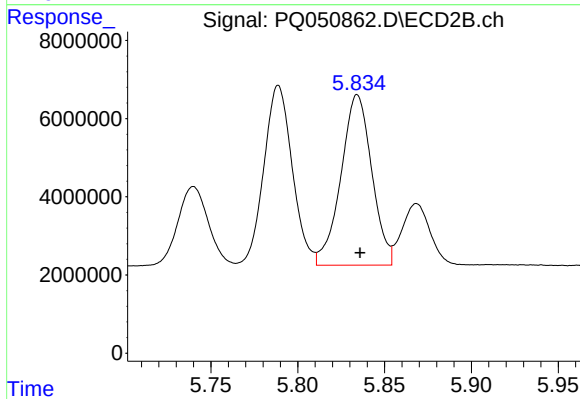
#18 AR-1242-3

R.T.: 5.740 min  
Delta R.T.: 0.000 min  
Response: 24480748  
Conc: 262.05 ng/ml



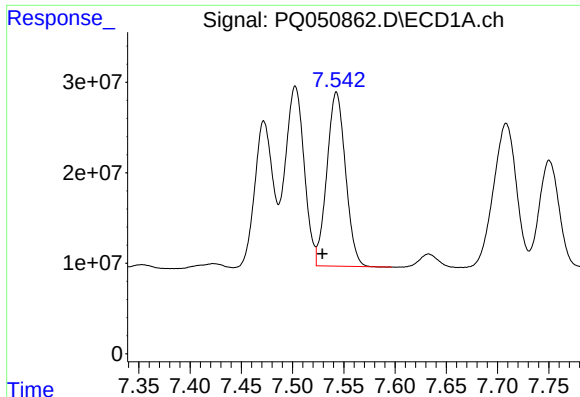
#19 AR-1242-4

R.T.: 6.760 min  
Delta R.T.: 0.013 min  
Response: 90070427  
Conc: 266.97 ng/ml



#19 AR-1242-4

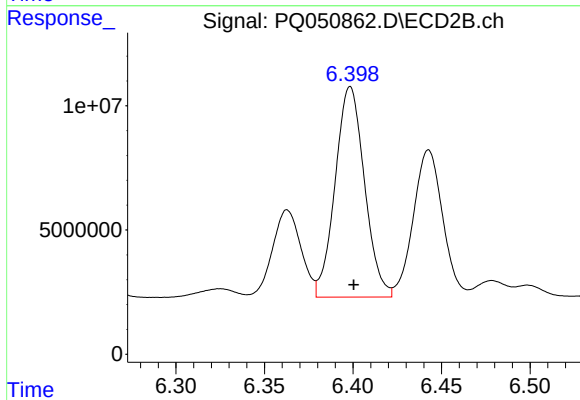
R.T.: 5.834 min  
Delta R.T.: -0.002 min  
Response: 54028386  
Conc: 595.08 ng/ml



#20 AR-1242-5

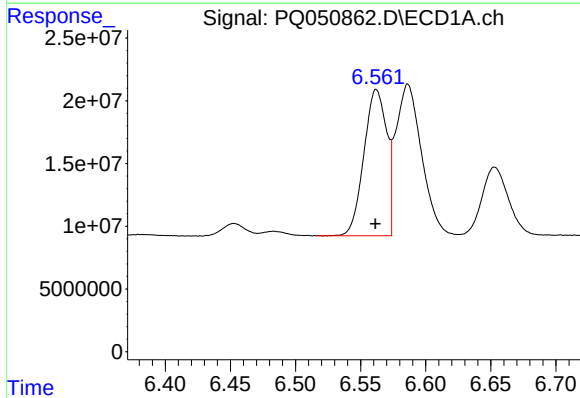
R.T.: 7.543 min  
Delta R.T.: 0.014 min  
Response: 243087757  
Conc: 688.69 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



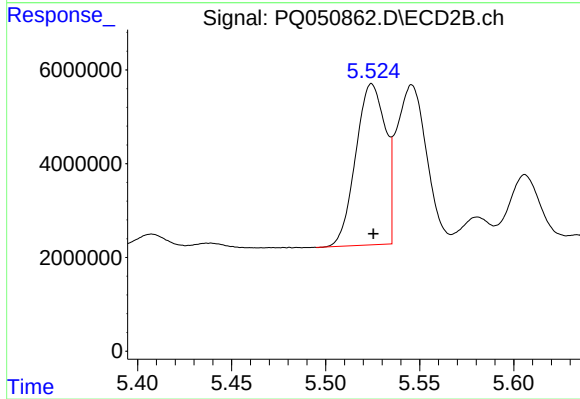
#20 AR-1242-5

R.T.: 6.398 min  
Delta R.T.: -0.002 min  
Response: 97762151  
Conc: 806.40 ng/ml



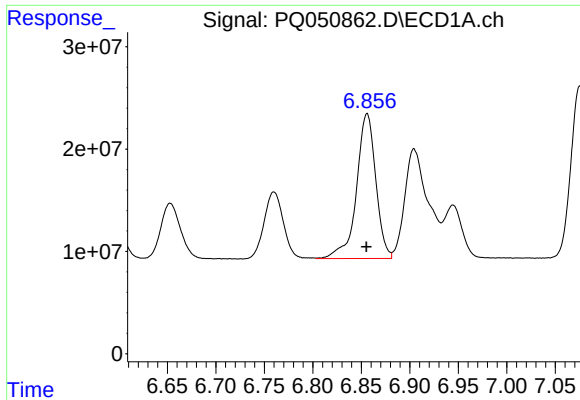
#21 AR-1248-1

R.T.: 6.562 min  
Delta R.T.: 0.000 min  
Response: 142233009  
Conc: 400.48 ng/ml



#21 AR-1248-1

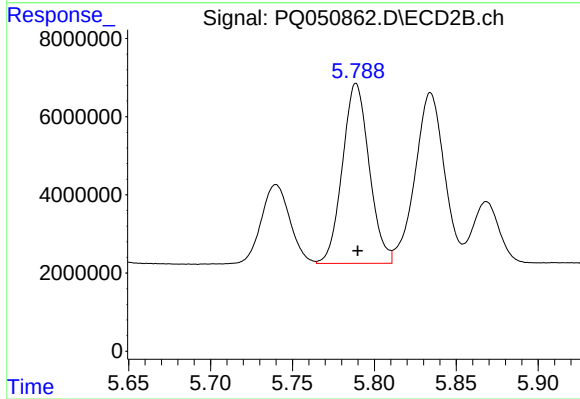
R.T.: 5.525 min  
Delta R.T.: 0.000 min  
Response: 37580066  
Conc: 399.84 ng/ml



#22 AR-1248-2

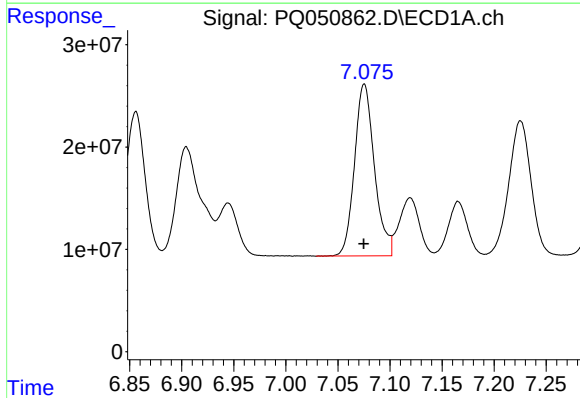
R.T.: 6.856 min  
Delta R.T.: 0.000 min  
Response: 195894992  
Conc: 399.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



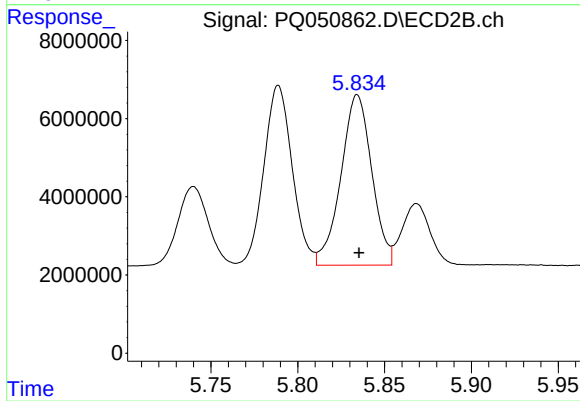
#22 AR-1248-2

R.T.: 5.789 min  
Delta R.T.: 0.000 min  
Response: 52451783  
Conc: 405.17 ng/ml



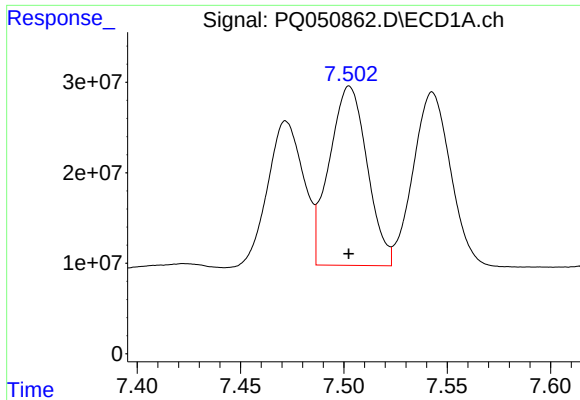
#23 AR-1248-3

R.T.: 7.075 min  
Delta R.T.: 0.000 min  
Response: 223757873  
Conc: 397.85 ng/ml



#23 AR-1248-3

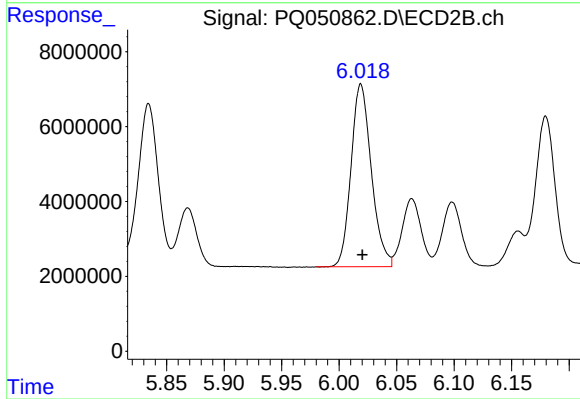
R.T.: 5.834 min  
Delta R.T.: 0.000 min  
Response: 54028386  
Conc: 405.85 ng/ml



#24 AR-1248-4

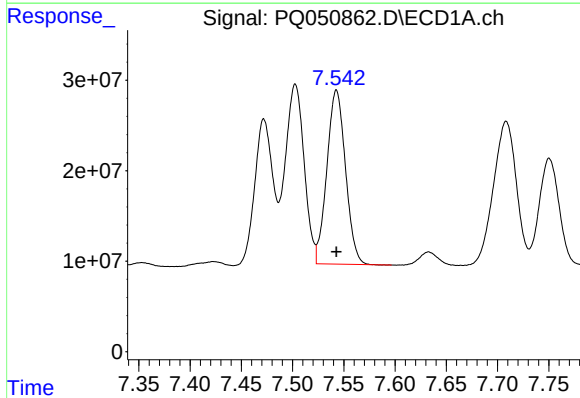
R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 252704290  
Conc: 387.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



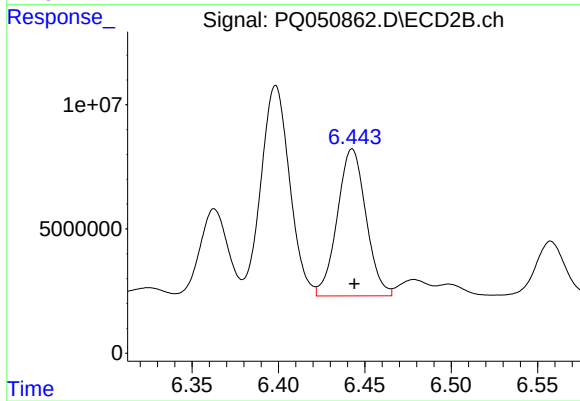
#24 AR-1248-4

R.T.: 6.019 min  
Delta R.T.: -0.001 min  
Response: 59923988  
Conc: 367.11 ng/ml



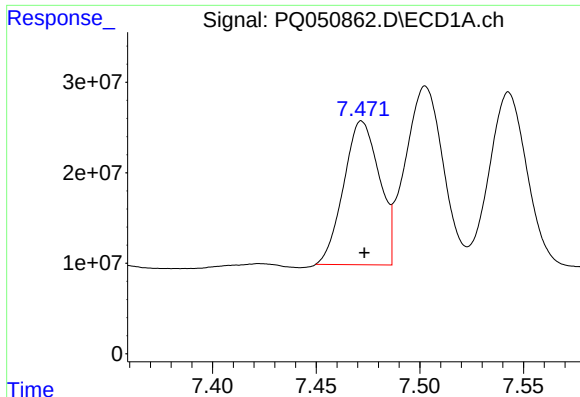
#25 AR-1248-5

R.T.: 7.543 min  
Delta R.T.: 0.000 min  
Response: 243087757  
Conc: 387.35 ng/ml



#25 AR-1248-5

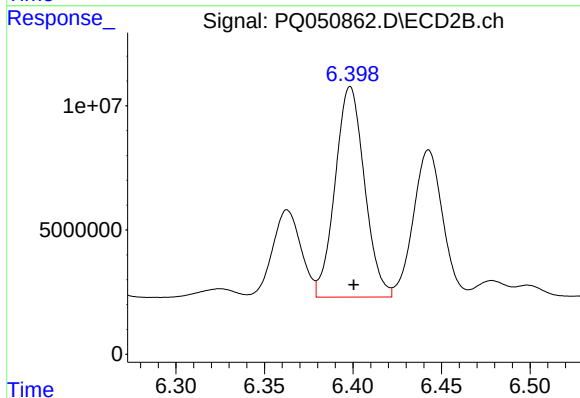
R.T.: 6.443 min  
Delta R.T.: -0.001 min  
Response: 68420609  
Conc: 414.91 ng/ml



#26 AR-1254-1

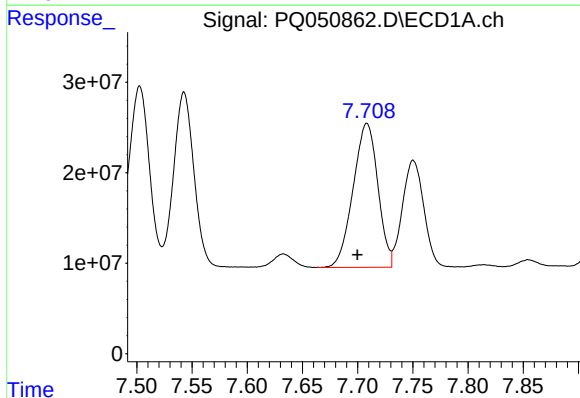
R.T.: 7.472 min  
Delta R.T.: -0.001 min  
Response: 190287807  
Conc: 282.03 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



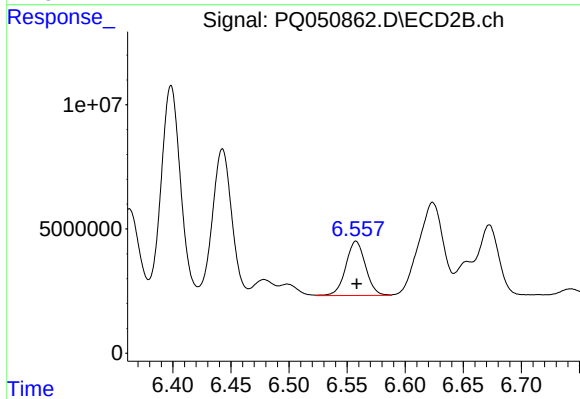
#26 AR-1254-1

R.T.: 6.398 min  
Delta R.T.: -0.002 min  
Response: 97762151  
Conc: 356.43 ng/ml



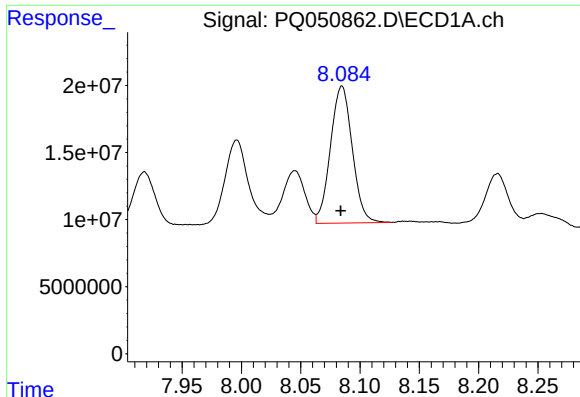
#27 AR-1254-2

R.T.: 7.708 min  
Delta R.T.: 0.009 min  
Response: 248008650  
Conc: 239.65 ng/ml



#27 AR-1254-2

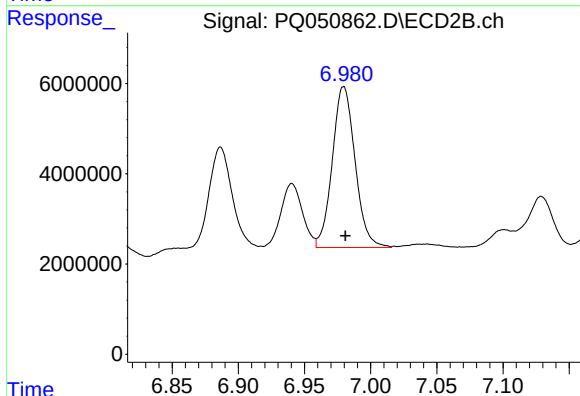
R.T.: 6.558 min  
Delta R.T.: 0.000 min  
Response: 25832978  
Conc: 109.75 ng/ml



#28 AR-1254-3

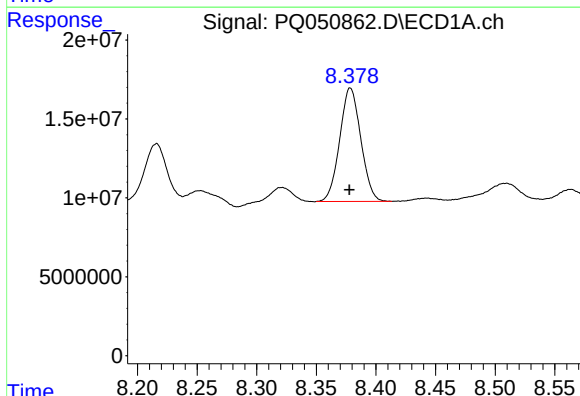
R.T.: 8.085 min  
Delta R.T.: 0.000 min  
Response: 130786920  
Conc: 116.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



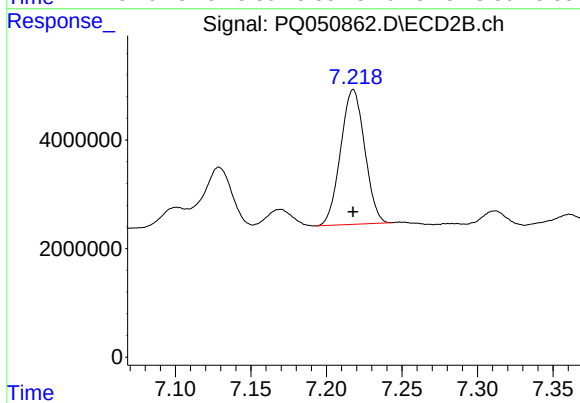
#28 AR-1254-3

R.T.: 6.980 min  
Delta R.T.: -0.001 min  
Response: 42737815  
Conc: 107.57 ng/ml



#29 AR-1254-4

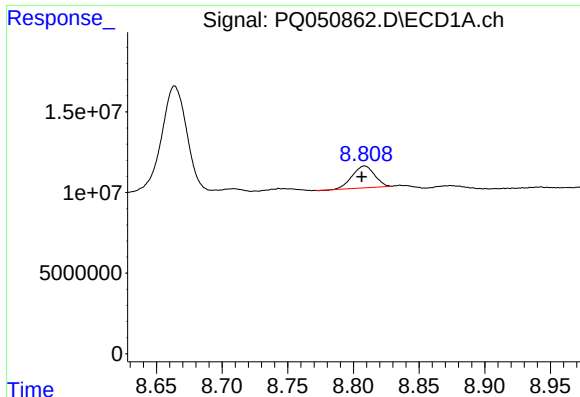
R.T.: 8.379 min  
Delta R.T.: 0.000 min  
Response: 88601566  
Conc: 110.27 ng/ml



#29 AR-1254-4

R.T.: 7.218 min  
Delta R.T.: 0.000 min  
Response: 27489254  
Conc: 112.34 ng/ml

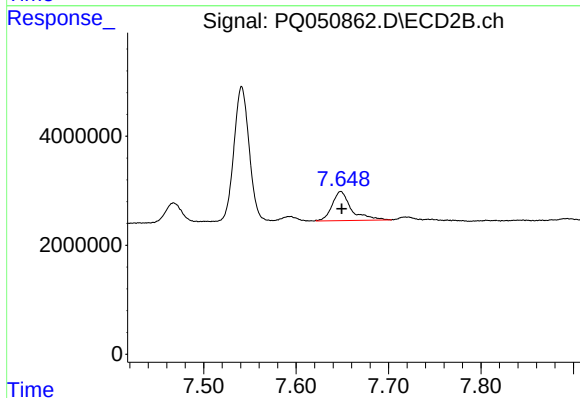




#30 AR-1254-5

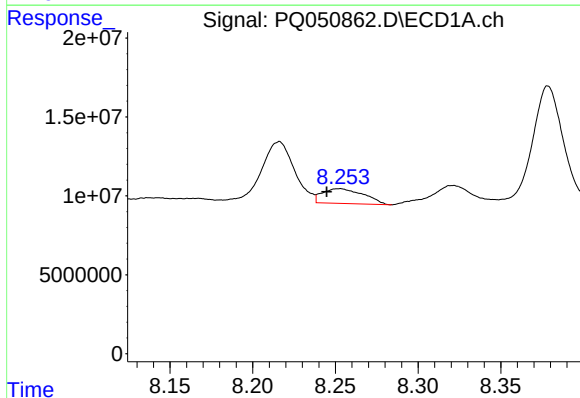
R.T.: 8.809 min  
Delta R.T.: 0.002 min  
Response: 16141714  
Conc: 18.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



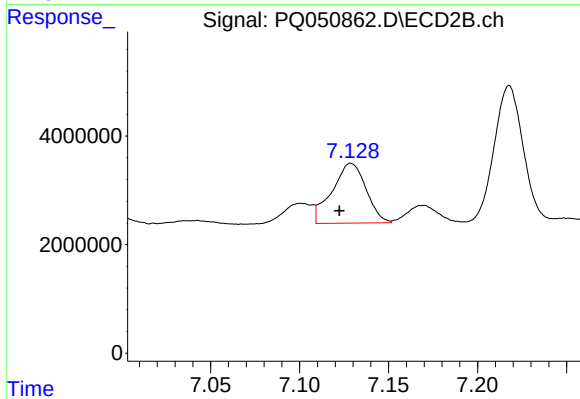
#30 AR-1254-5

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 7736666  
Conc: 22.68 ng/ml



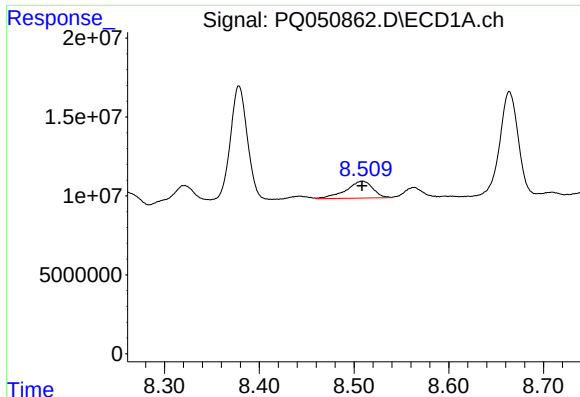
#31 AR-1260-1

R.T.: 8.252 min  
Delta R.T.: 0.008 min  
Response: 16118316  
Conc: 25.61 ng/ml



#31 AR-1260-1

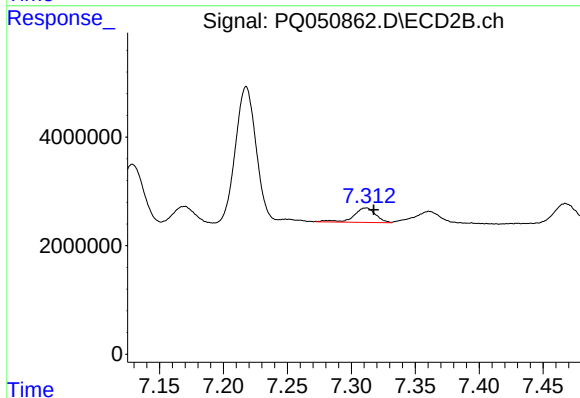
R.T.: 7.129 min  
Delta R.T.: 0.007 min  
Response: 14692652  
Conc: 70.94 ng/ml



#32 AR-1260-2

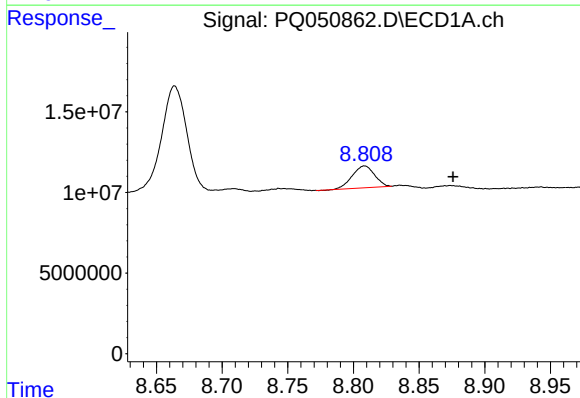
R.T.: 8.509 min  
Delta R.T.: 0.000 min  
Response: 20817349  
Conc: 27.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



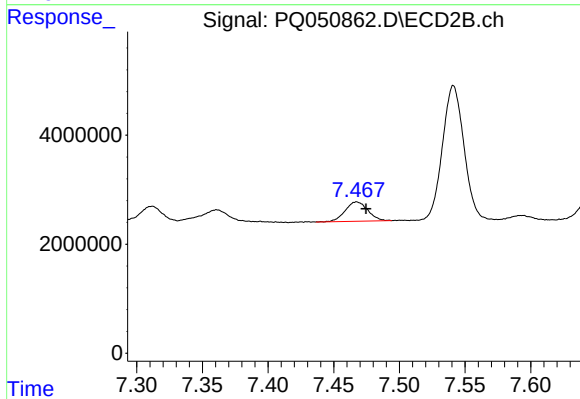
#32 AR-1260-2

R.T.: 7.312 min  
Delta R.T.: -0.006 min  
Response: 3161140  
Conc: 12.28 ng/ml



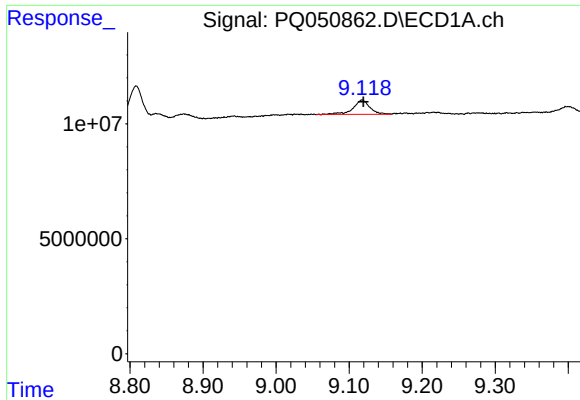
#33 AR-1260-3

R.T.: 8.809 min  
Delta R.T.: -0.067 min  
Response: 16141714  
Conc: 26.95 ng/ml



#33 AR-1260-3

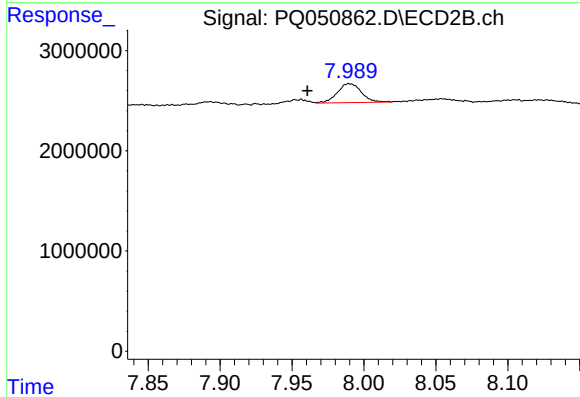
R.T.: 7.467 min  
Delta R.T.: -0.007 min  
Response: 4266007  
Conc: 17.98 ng/ml



#34 AR-1260-4

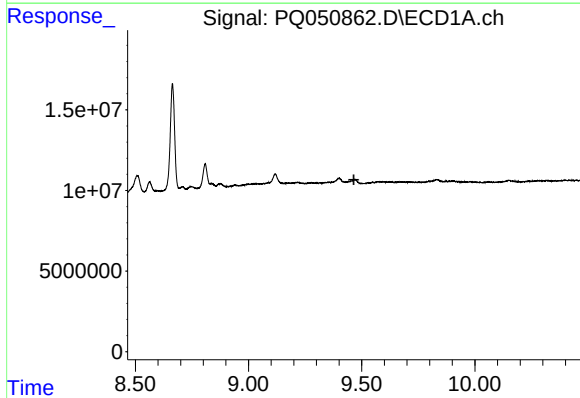
R.T.: 9.118 min  
Delta R.T.: -0.002 min  
Response: 9905347  
Conc: 13.88 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



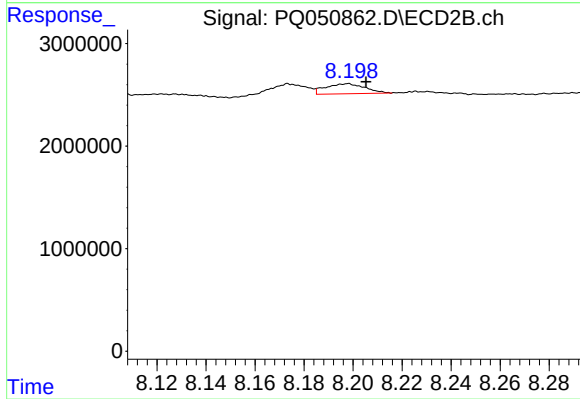
#34 AR-1260-4

R.T.: 7.990 min  
Delta R.T.: 0.029 min  
Response: 2211590  
Conc: 10.93 ng/ml



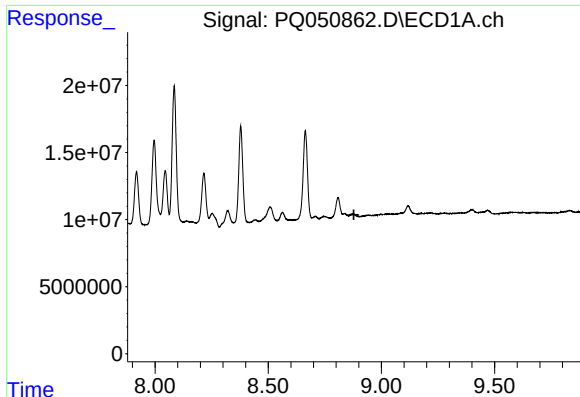
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 9.465 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

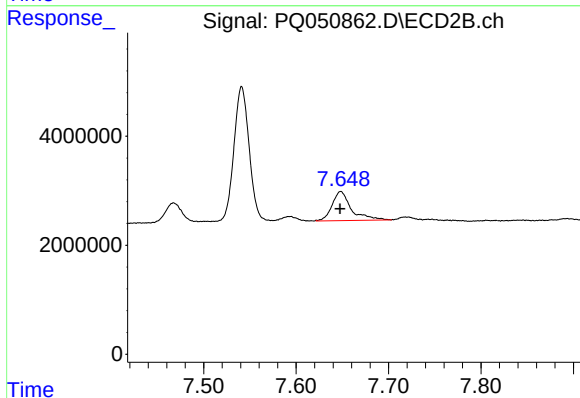
R.T.: 8.198 min  
Delta R.T.: -0.008 min  
Response: 1098186  
Conc: 2.17 ng/ml



#36 AR-1262-1

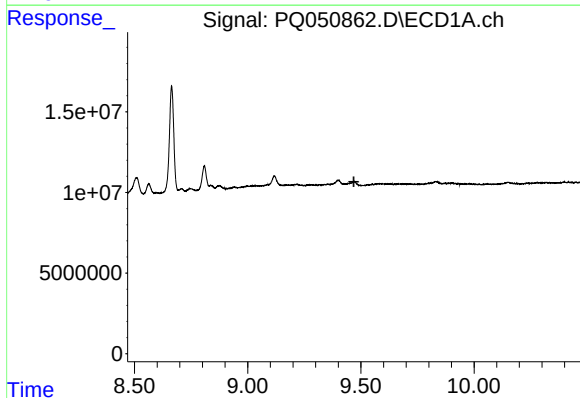
R.T.: 0.000 min  
Exp R.T.: 8.879 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



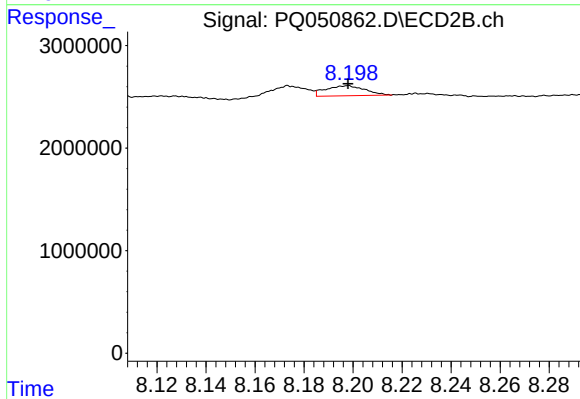
#36 AR-1262-1

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 7736666  
Conc: 43.02 ng/ml



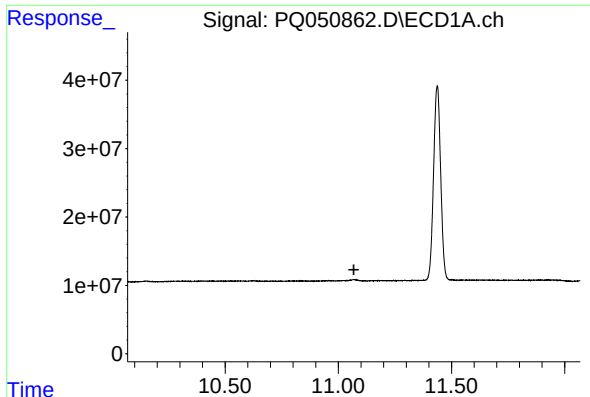
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 9.469 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

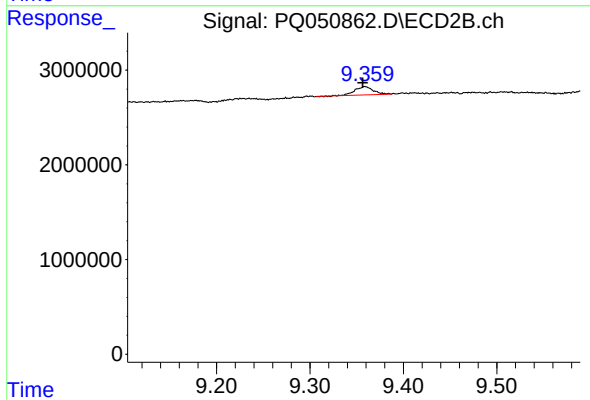
R.T.: 8.198 min  
Delta R.T.: 0.000 min  
Response: 1098186  
Conc: 1.65 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 11.069 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.359 min  
Delta R.T.: 0.002 min  
Response: 1194841  
Conc: 0.59 ng/ml