

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111818\  
 Data File : PQ034676.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Nov 2018 19:51  
 Operator : SM\SJ  
 Sample : J5859-02RE  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 B-23(0-10)RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 16 22:16:08 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110618.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 09 08:12:53 2018  
 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... | 4.538  | 3.821 | 45932484 | 28432244 | 15.670  | 14.896    |
| 2)                          | SA Decachlor... | 10.330 | 8.846 | 30550586 | 20119312 | 11.901  | 10.238    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.852 | 0        | 1074287  | N.D.    | 15.209 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.244 | 0        | 2089581  | N.D.    | 40.939 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.244 | 0        | 2089581  | N.D.    | 55.226 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.852 | 0        | 1074287  | N.D.    | 19.438 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.709 | 0        | 3961825  | N.D.    | 75.877 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.852 | 0        | 1074287  | N.D.    | 23.170 #  |
| 24)                         | L5 AR-1248-4    | 6.566  | 0.000 | 2542068  | 0        | 20.918  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.709 | 0        | 3961825  | N.D.    | 49.252 #  |
| 26)                         | L6 AR-1254-1    | 6.566  | 5.709 | 2542068  | 3961825  | 22.492  | 34.266 #  |
| 27)                         | L6 AR-1254-2    | 6.781  | 5.855 | 7472236  | 4144407  | 41.666  | 41.419    |
| 28)                         | L6 AR-1254-3    | 7.154  | 6.271 | 12384399 | 16870621 | 63.700  | 97.629 #  |
| 29)                         | L6 AR-1254-4    | 7.436  | 6.513 | 3588746  | 4867416  | 25.077  | 44.657 #  |
| 30)                         | L6 AR-1254-5    | 7.855  | 6.902 | 43205193 | 27612802 | 274.415 | 181.966 # |
| 31)                         | L7 AR-1260-1    | 7.313  | 6.388 | 21994363 | 14088118 | 159.519 | 122.410   |
| 32)                         | L7 AR-1260-2    | 7.567  | 6.574 | 37574250 | 18157416 | 218.308 | 127.885 # |
| 33)                         | L7 AR-1260-3    | 7.928  | 6.729 | 18955230 | 15254917 | 186.089 | 115.789 # |
| 34)                         | L7 AR-1260-4    | 8.158  | 7.199 | 23588311 | 13996904 | 181.567 | 154.253   |
| 35)                         | L7 AR-1260-5    | 8.485  | 7.440 | 40806382 | 33262660 | 163.622 | 143.127   |
| 36)                         | L8 AR-1262-1    | 7.928  | 6.937 | 18955230 | 15427598 | 102.900 | 102.744   |
| 37)                         | L8 AR-1262-2    | 8.485  | 7.440 | 40806382 | 33262660 | 119.974 | 115.431   |
| 38)                         | L8 AR-1262-3    | 8.823  | 7.720 | 23315560 | 7190377  | 104.968 | 67.310 #  |
| 39)                         | L8 AR-1262-4    | 8.878  | 7.786 | 12386857 | 24525850 | 146.942 | 119.771   |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.288 | 0        | 6863052  | N.D.    | 75.291 #  |
| 41)                         | L9 AR-1268-1    | 8.823  | 7.720 | 23315560 | 7190377  | 52.911  | 20.202 #  |
| 42)                         | L9 AR-1268-2    | 8.878  | 7.786 | 12386857 | 24525850 | 31.195  | 76.764 #  |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.288 | 0        | 6863052  | N.D.    | 61.733 #  |
| 45)                         | L9 AR-1268-5    | 9.989  | 8.587 | 2734619  | 1964184  | 2.399   | 2.270     |
| -----                       |                 |        |       |          |          |         |           |

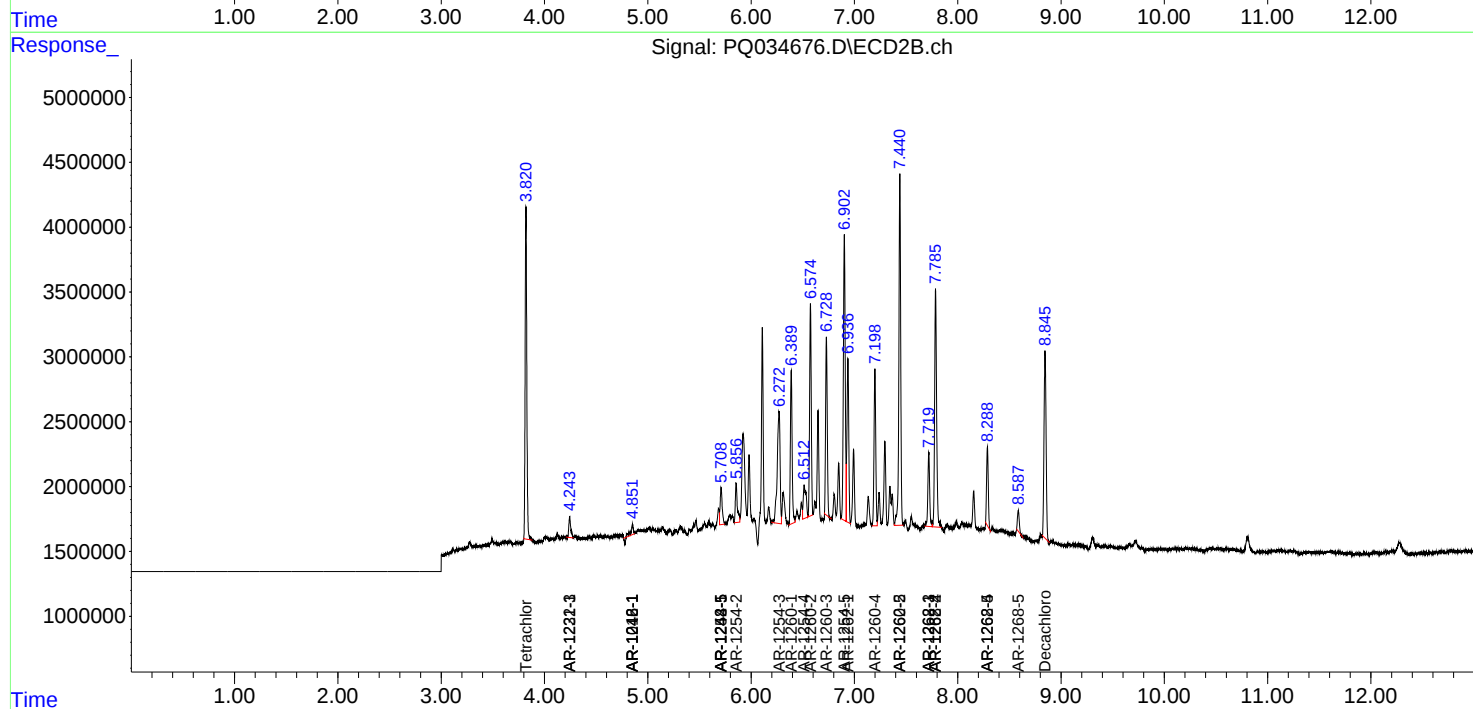
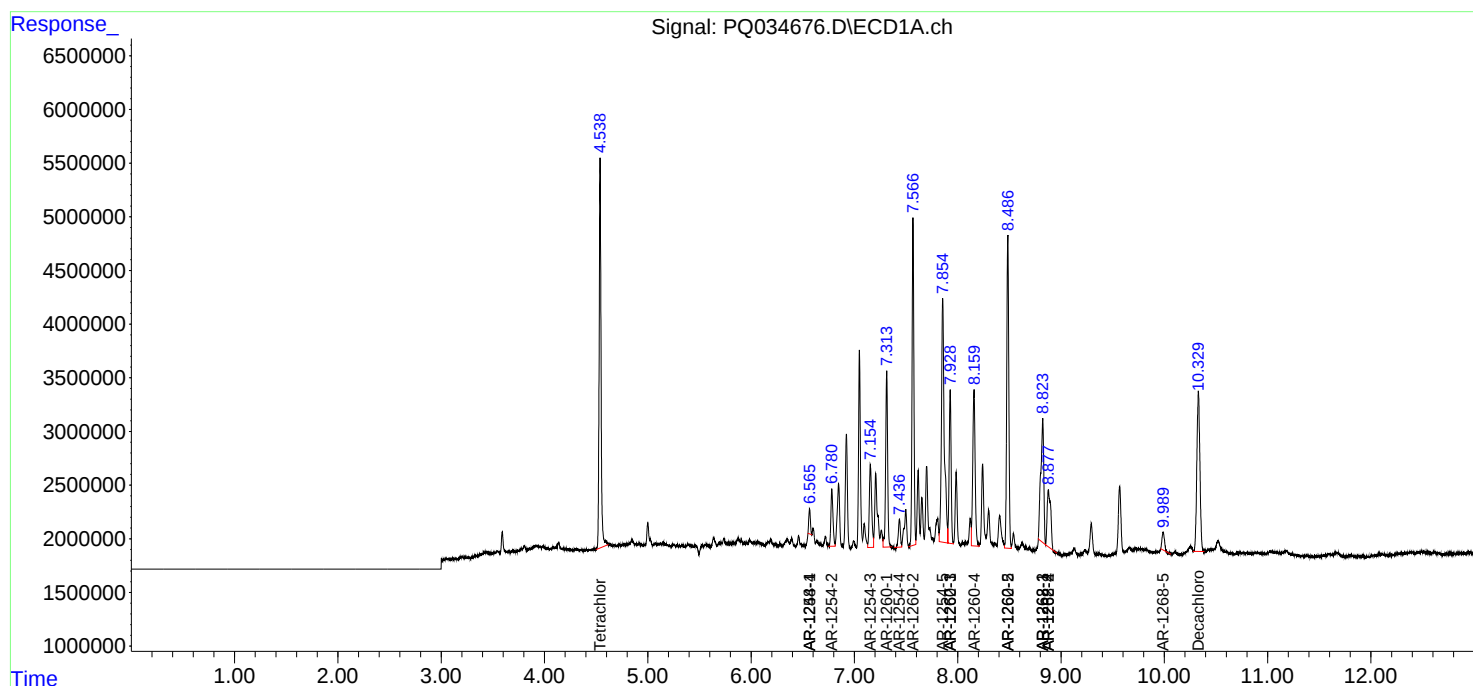
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

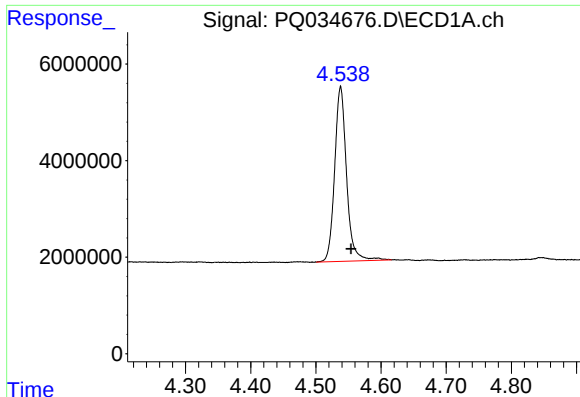
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111818\  
Data File : PQ034676.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Nov 2018 19:51  
Operator : SM\SJ  
Sample : J5859-02RE  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 16 22:16:08 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ110618.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 09 08:12:53 2018  
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

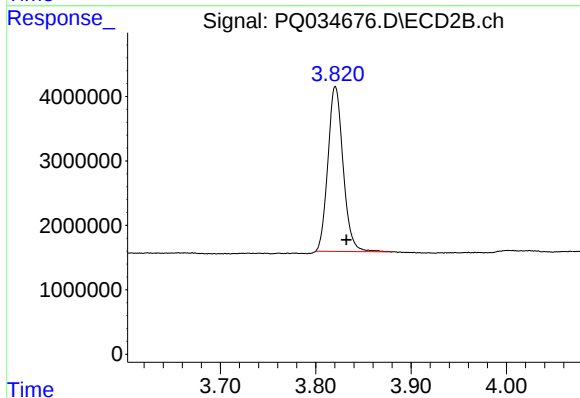




#1 Tetrachloro-m-xylene

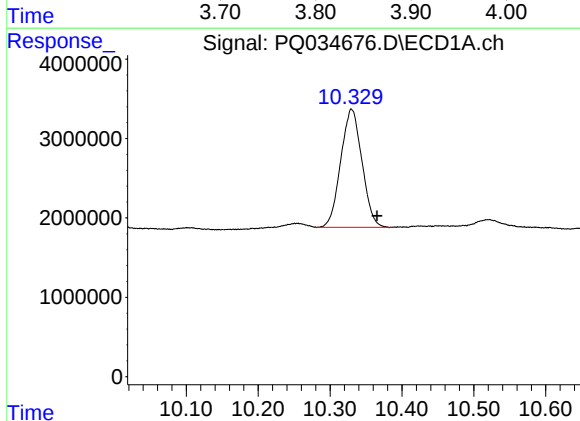
R.T.: 4.538 min  
Delta R.T.: -0.016 min  
Response: 45932484  
Conc: 15.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



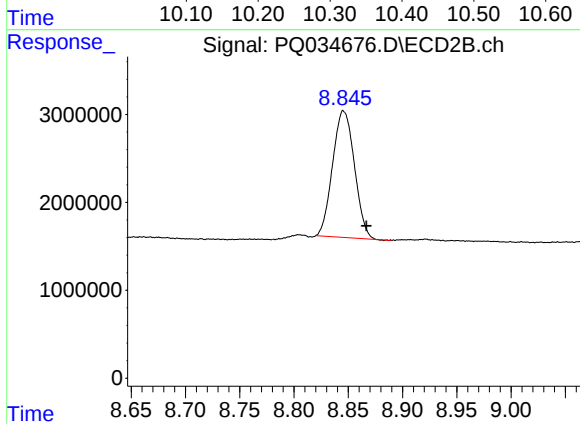
#1 Tetrachloro-m-xylene

R.T.: 3.821 min  
Delta R.T.: -0.012 min  
Response: 28432244  
Conc: 14.90 ng/ml



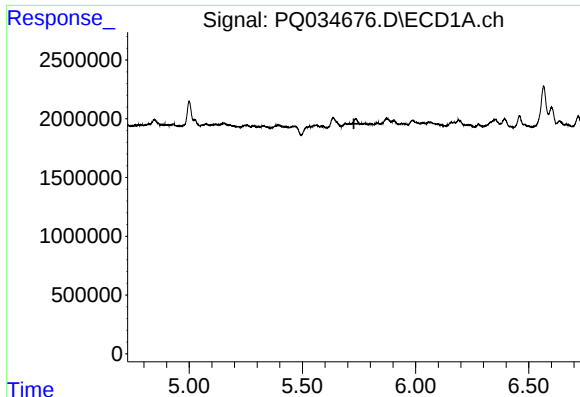
#2 Decachlorobiphenyl

R.T.: 10.330 min  
Delta R.T.: -0.035 min  
Response: 30550586  
Conc: 11.90 ng/ml



#2 Decachlorobiphenyl

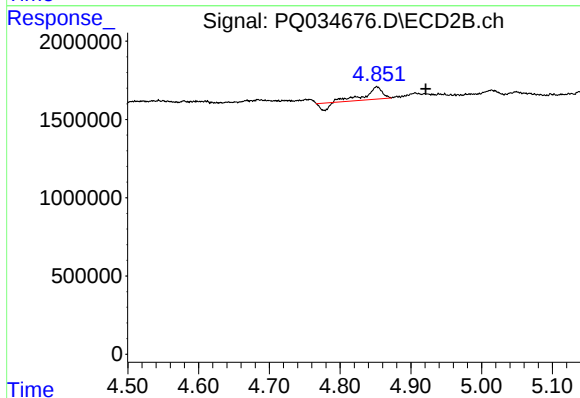
R.T.: 8.846 min  
Delta R.T.: -0.021 min  
Response: 20119312  
Conc: 10.24 ng/ml



#3 AR-1016-1

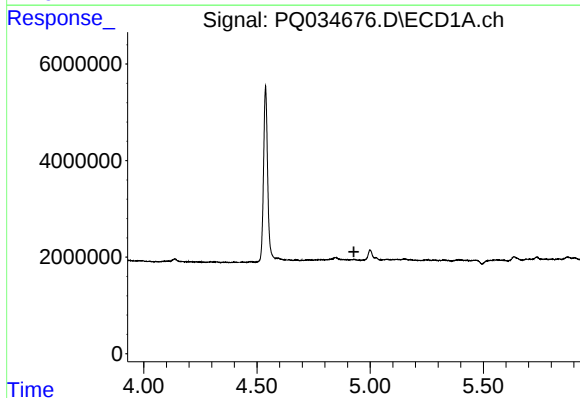
R.T.: 0.000 min  
Exp R.T.: 5.728 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



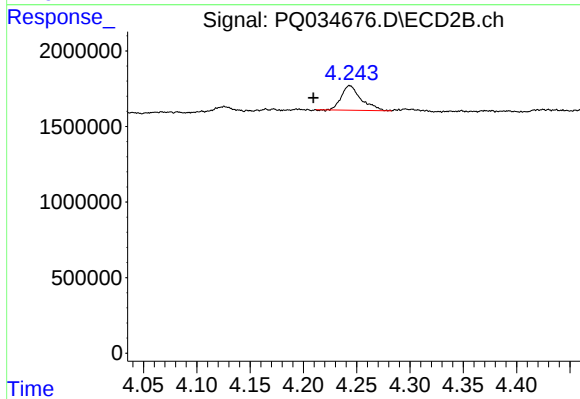
#3 AR-1016-1

R.T.: 4.852 min  
Delta R.T.: -0.069 min  
Response: 1074287  
Conc: 15.21 ng/ml



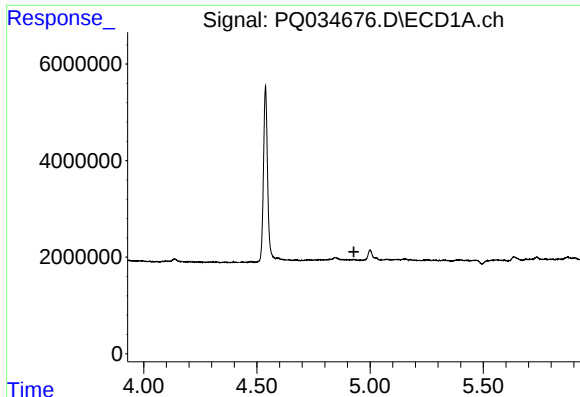
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 4.928 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

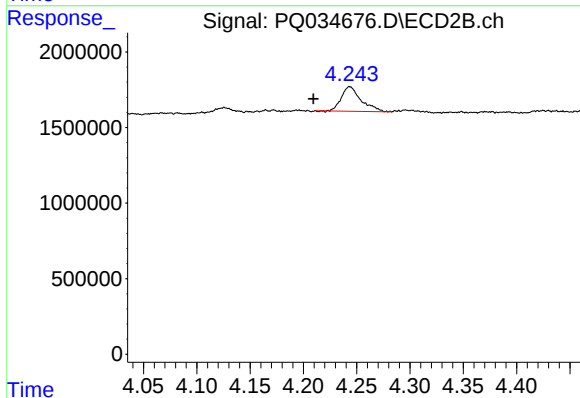
R.T.: 4.244 min  
Delta R.T.: 0.034 min  
Response: 2089581  
Conc: 40.94 ng/ml



#11 AR-1232-1

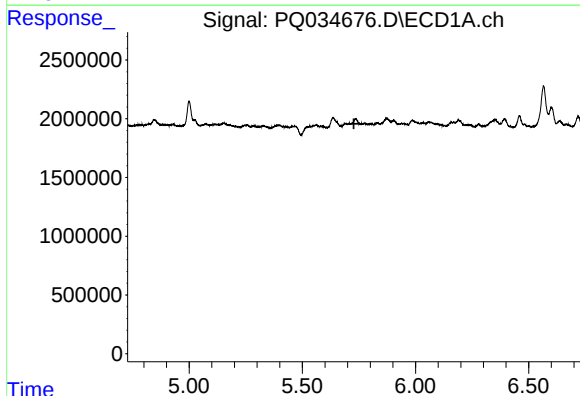
R.T.: 0.000 min  
Exp R.T. : 4.928 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



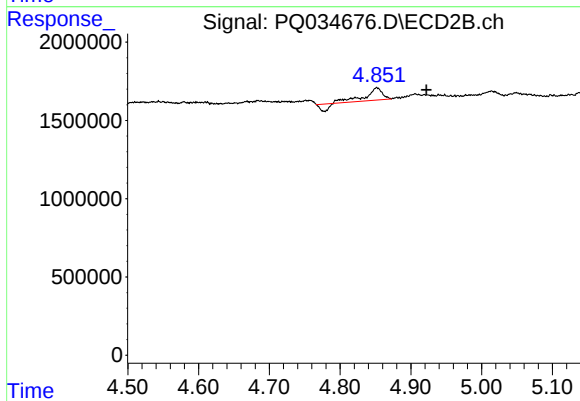
#11 AR-1232-1

R.T.: 4.244 min  
Delta R.T.: 0.034 min  
Response: 2089581  
Conc: 55.23 ng/ml



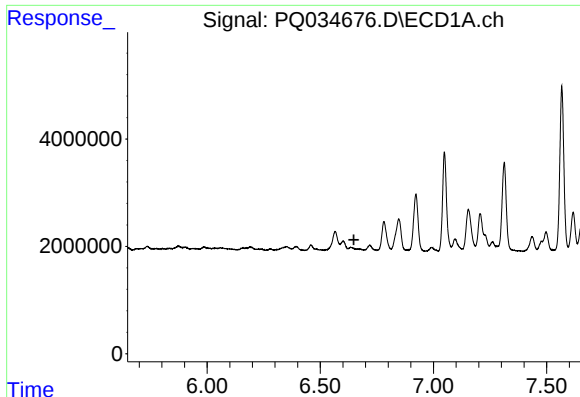
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.728 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

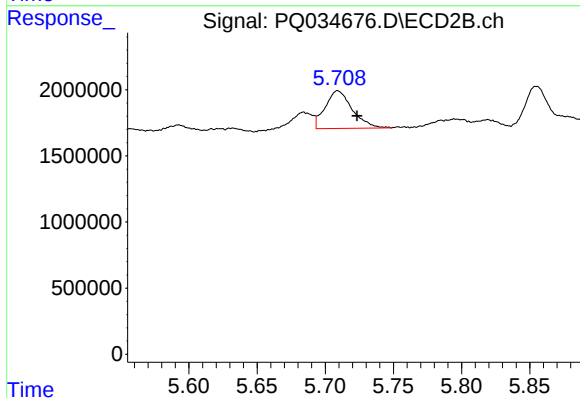
R.T.: 4.852 min  
Delta R.T.: -0.070 min  
Response: 1074287  
Conc: 19.44 ng/ml



#20 AR-1242-5

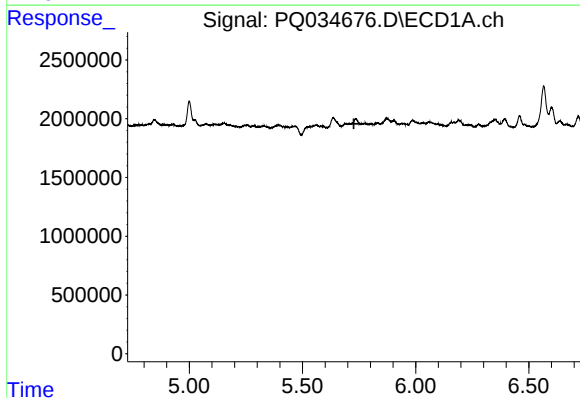
R.T.: 0.000 min  
Exp R.T.: 6.648 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



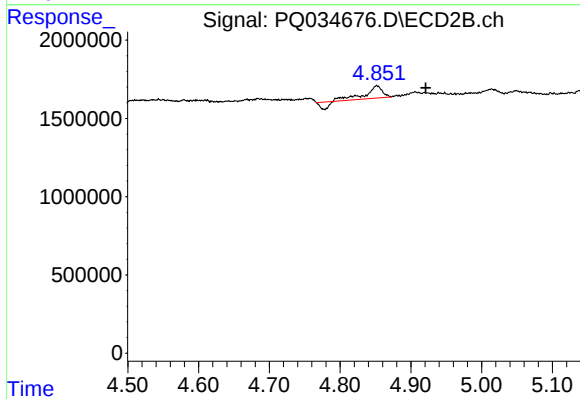
#20 AR-1242-5

R.T.: 5.709 min  
Delta R.T.: -0.014 min  
Response: 3961825  
Conc: 75.88 ng/ml



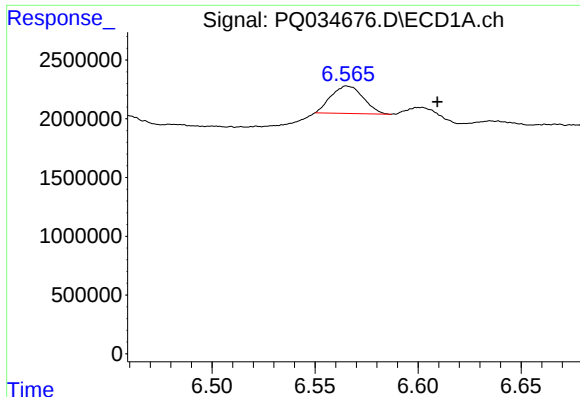
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.727 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

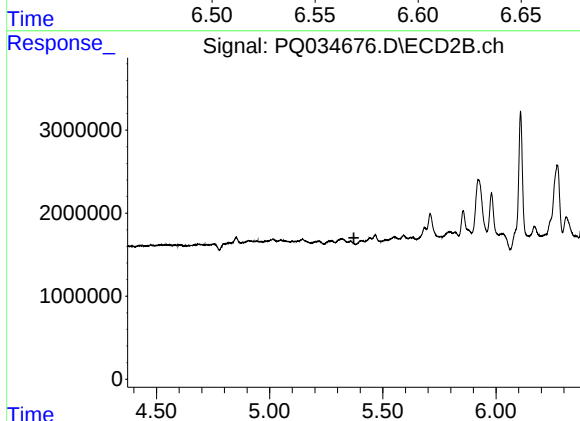
R.T.: 4.852 min  
Delta R.T.: -0.069 min  
Response: 1074287  
Conc: 23.17 ng/ml



#24 AR-1248-4

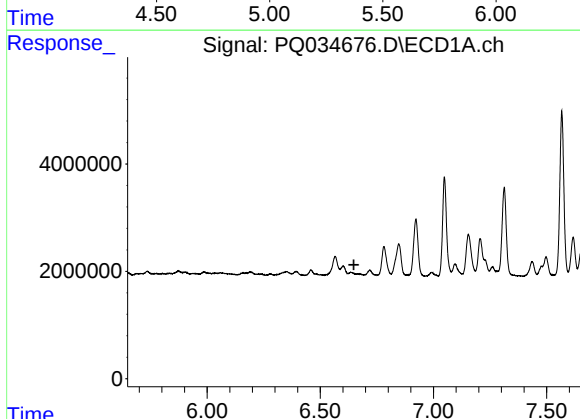
R.T.: 6.566 min  
Delta R.T.: -0.044 min  
Response: 2542068  
Conc: 20.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



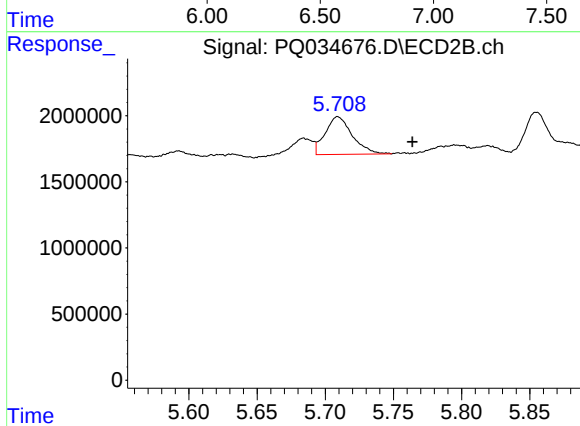
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.372 min  
Response: 0  
Conc: N.D.



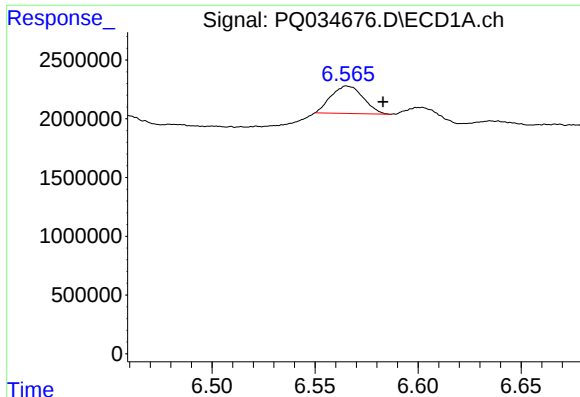
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.649 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

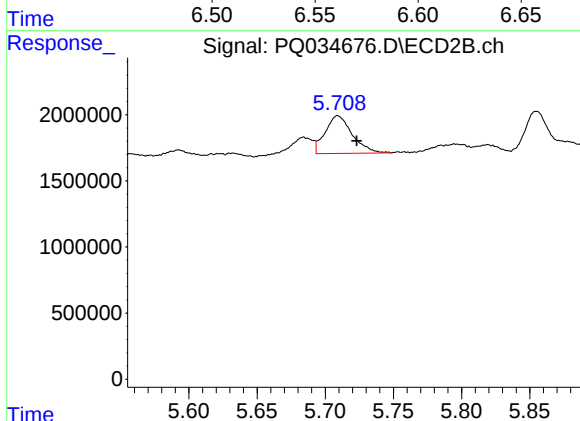
R.T.: 5.709 min  
Delta R.T.: -0.055 min  
Response: 3961825  
Conc: 49.25 ng/ml



#26 AR-1254-1

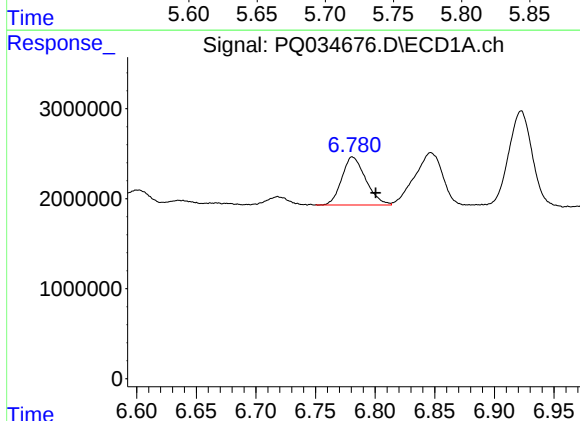
R.T.: 6.566 min  
Delta R.T.: -0.017 min  
Response: 2542068  
Conc: 22.49 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



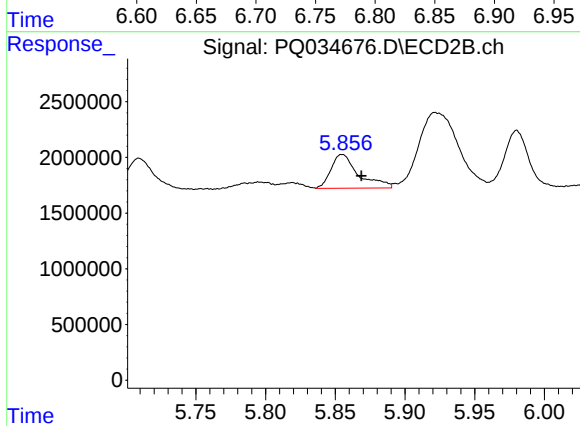
#26 AR-1254-1

R.T.: 5.709 min  
Delta R.T.: -0.014 min  
Response: 3961825  
Conc: 34.27 ng/ml



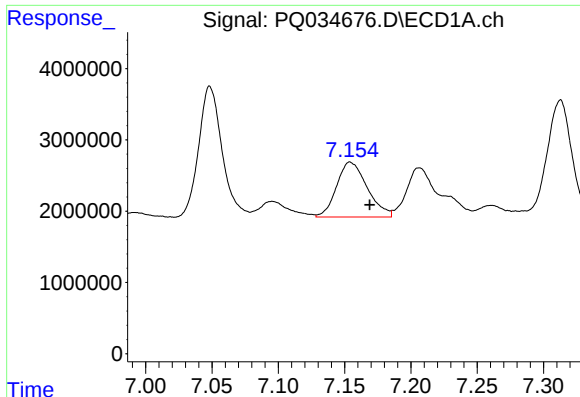
#27 AR-1254-2

R.T.: 6.781 min  
Delta R.T.: -0.019 min  
Response: 7472236  
Conc: 41.67 ng/ml



#27 AR-1254-2

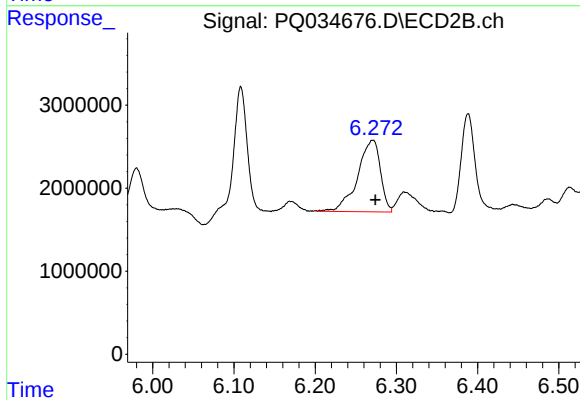
R.T.: 5.855 min  
Delta R.T.: -0.014 min  
Response: 4144407  
Conc: 41.42 ng/ml



#28 AR-1254-3

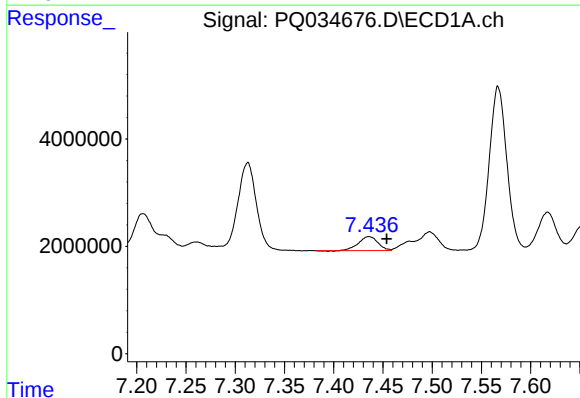
R.T.: 7.154 min  
Delta R.T.: -0.015 min  
Response: 12384399  
Conc: 63.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



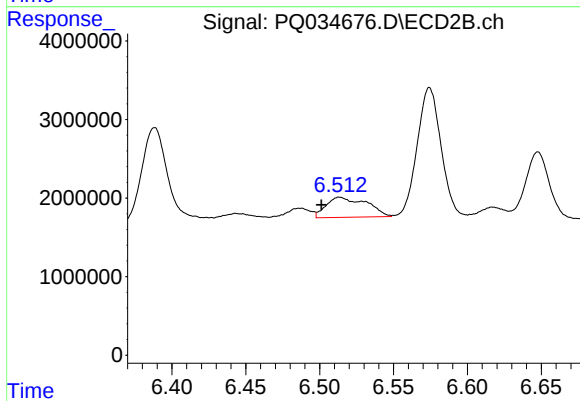
#28 AR-1254-3

R.T.: 6.271 min  
Delta R.T.: -0.003 min  
Response: 16870621  
Conc: 97.63 ng/ml



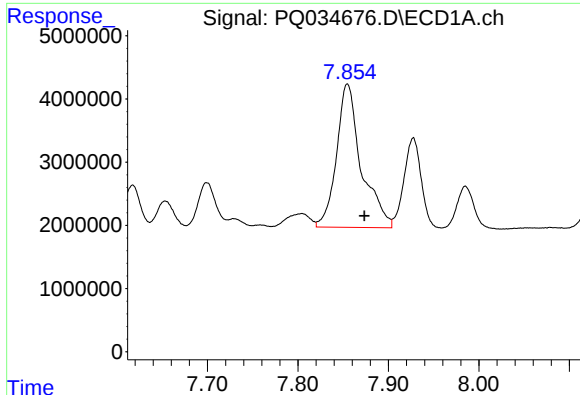
#29 AR-1254-4

R.T.: 7.436 min  
Delta R.T.: -0.018 min  
Response: 3588746  
Conc: 25.08 ng/ml



#29 AR-1254-4

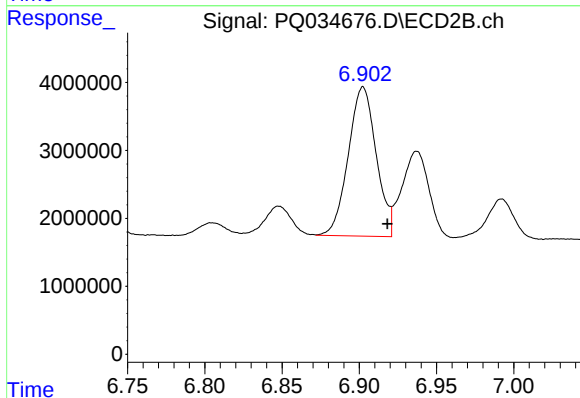
R.T.: 6.513 min  
Delta R.T.: 0.012 min  
Response: 4867416  
Conc: 44.66 ng/ml



#30 AR-1254-5

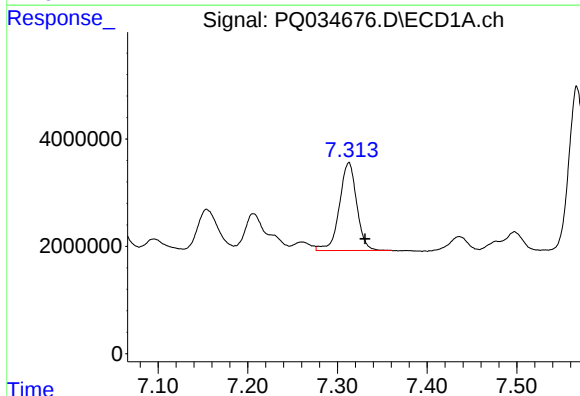
R.T.: 7.855 min  
Delta R.T.: -0.019 min  
Response: 43205193  
Conc: 274.41 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



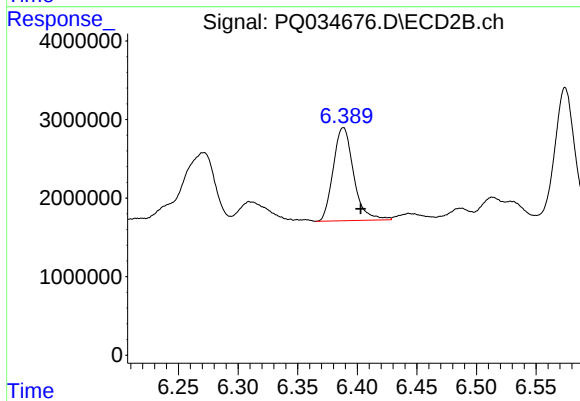
#30 AR-1254-5

R.T.: 6.902 min  
Delta R.T.: -0.016 min  
Response: 27612802  
Conc: 181.97 ng/ml



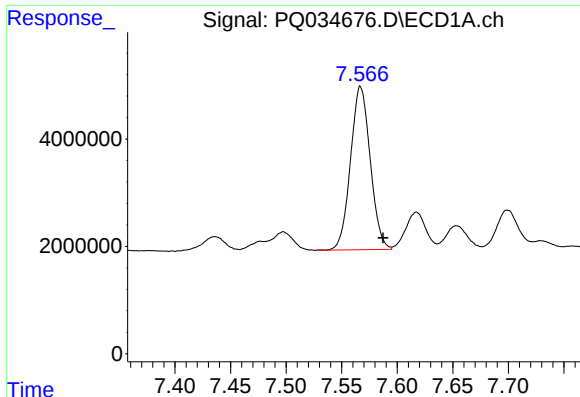
#31 AR-1260-1

R.T.: 7.313 min  
Delta R.T.: -0.018 min  
Response: 21994363  
Conc: 159.52 ng/ml



#31 AR-1260-1

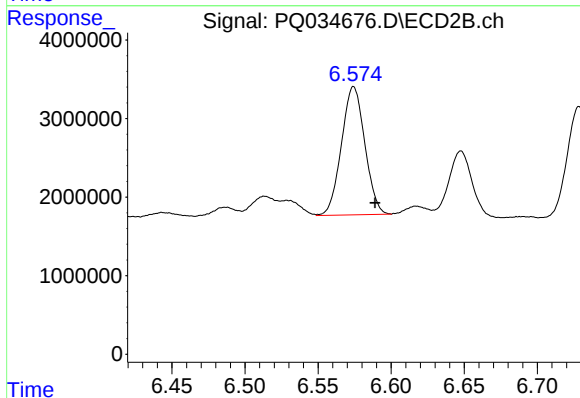
R.T.: 6.388 min  
Delta R.T.: -0.014 min  
Response: 14088118  
Conc: 122.41 ng/ml



#32 AR-1260-2

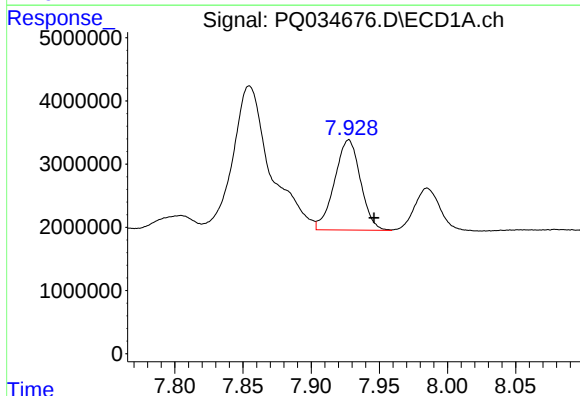
R.T.: 7.567 min  
Delta R.T.: -0.020 min  
Response: 37574250  
Conc: 218.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



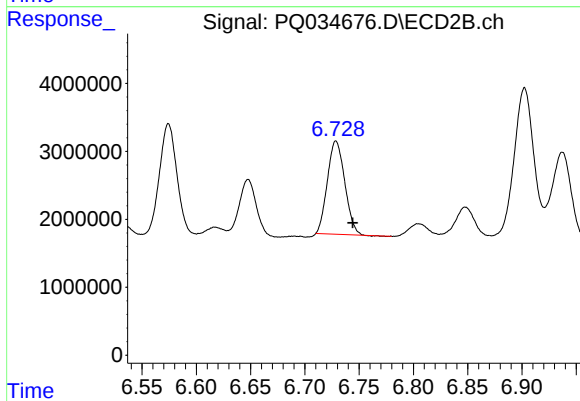
#32 AR-1260-2

R.T.: 6.574 min  
Delta R.T.: -0.015 min  
Response: 18157416  
Conc: 127.88 ng/ml



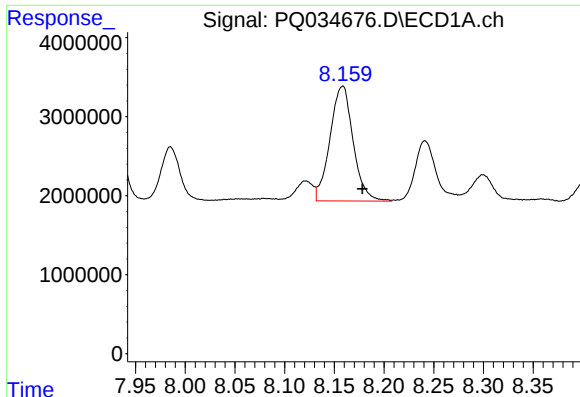
#33 AR-1260-3

R.T.: 7.928 min  
Delta R.T.: -0.019 min  
Response: 18955230  
Conc: 186.09 ng/ml



#33 AR-1260-3

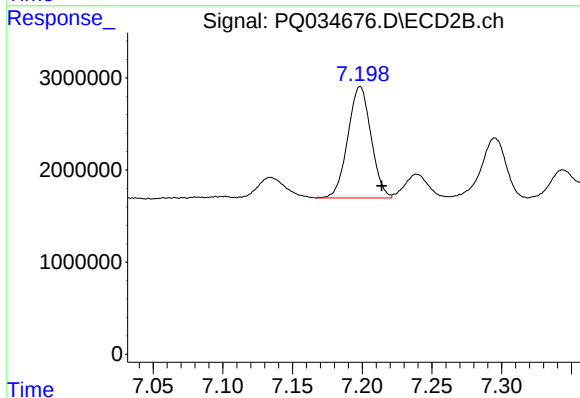
R.T.: 6.729 min  
Delta R.T.: -0.015 min  
Response: 15254917  
Conc: 115.79 ng/ml



#34 AR-1260-4

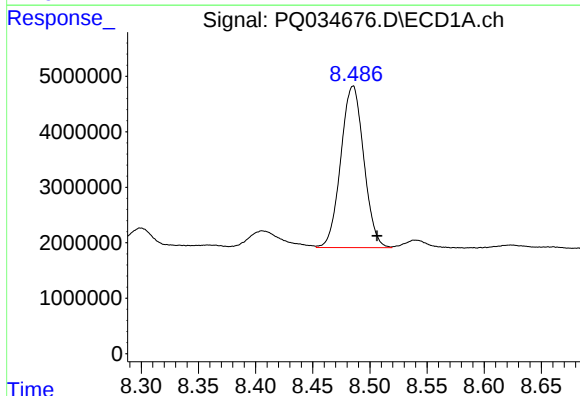
R.T.: 8.158 min  
Delta R.T.: -0.020 min  
Response: 23588311  
Conc: 181.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



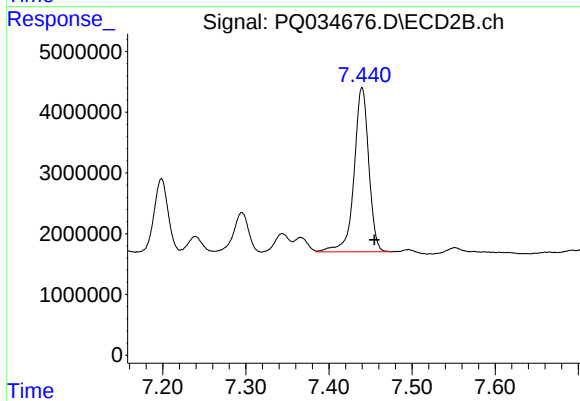
#34 AR-1260-4

R.T.: 7.199 min  
Delta R.T.: -0.015 min  
Response: 13996904  
Conc: 154.25 ng/ml



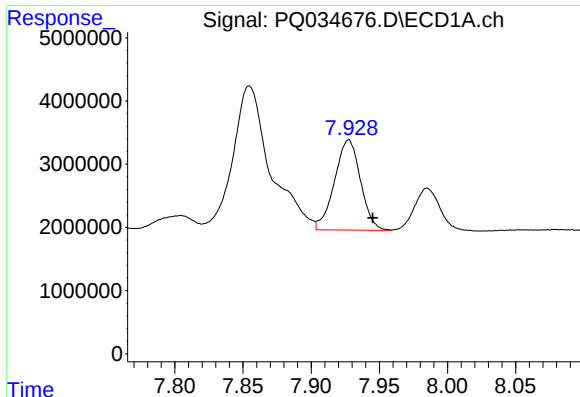
#35 AR-1260-5

R.T.: 8.485 min  
Delta R.T.: -0.021 min  
Response: 40806382  
Conc: 163.62 ng/ml



#35 AR-1260-5

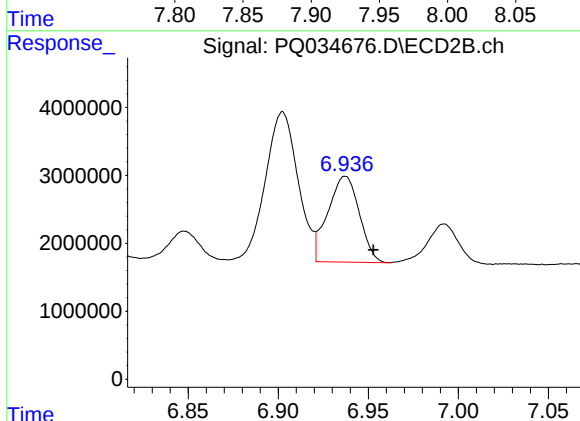
R.T.: 7.440 min  
Delta R.T.: -0.015 min  
Response: 33262660  
Conc: 143.13 ng/ml



#36 AR-1262-1

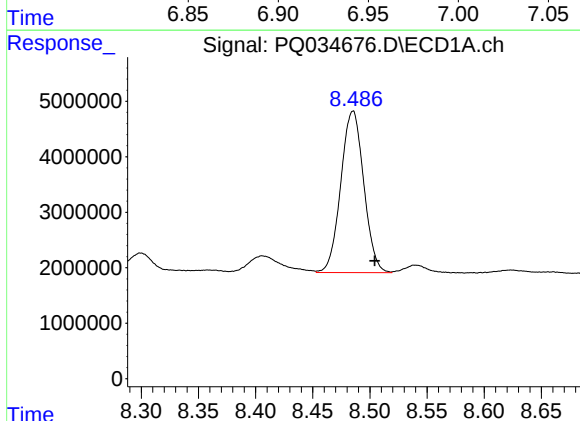
R.T.: 7.928 min  
Delta R.T.: -0.018 min  
Response: 18955230  
Conc: 102.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



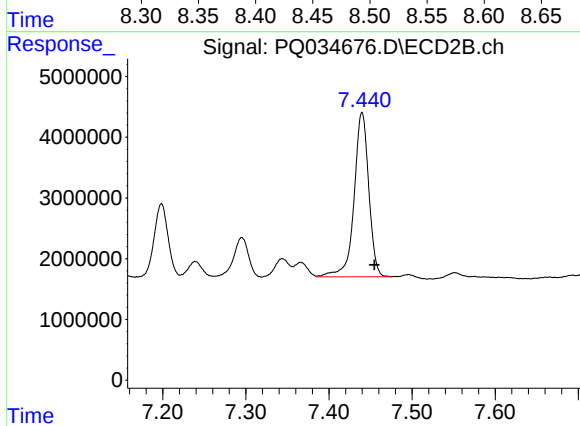
#36 AR-1262-1

R.T.: 6.937 min  
Delta R.T.: -0.016 min  
Response: 15427598  
Conc: 102.74 ng/ml



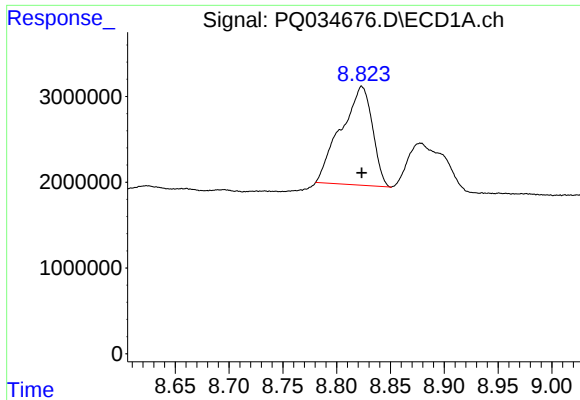
#37 AR-1262-2

R.T.: 8.485 min  
Delta R.T.: -0.019 min  
Response: 40806382  
Conc: 119.97 ng/ml



#37 AR-1262-2

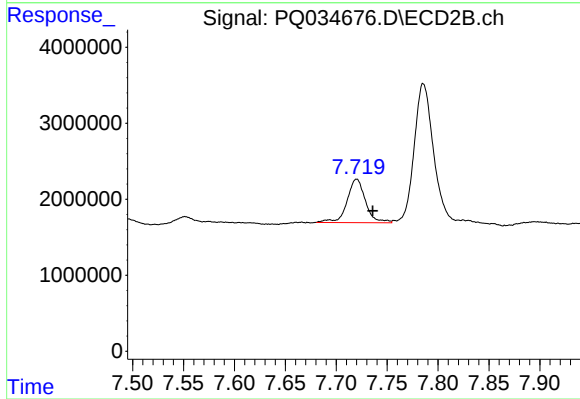
R.T.: 7.440 min  
Delta R.T.: -0.015 min  
Response: 33262660  
Conc: 115.43 ng/ml



#38 AR-1262-3

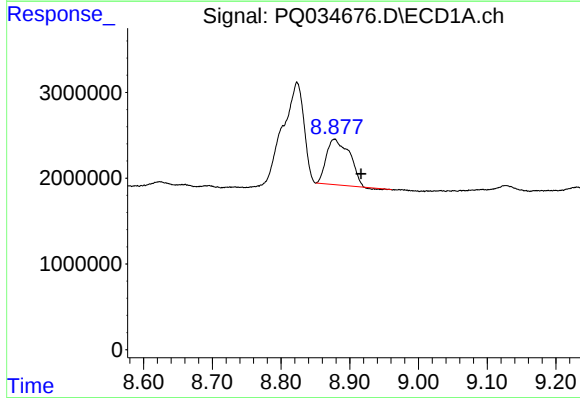
R.T.: 8.823 min  
Delta R.T.: 0.000 min  
Response: 23315560  
Conc: 104.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



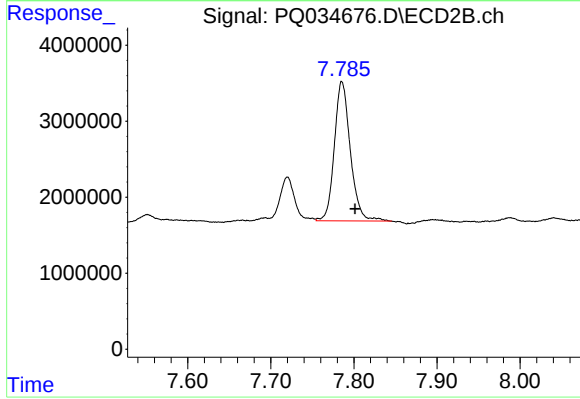
#38 AR-1262-3

R.T.: 7.720 min  
Delta R.T.: -0.016 min  
Response: 7190377  
Conc: 67.31 ng/ml



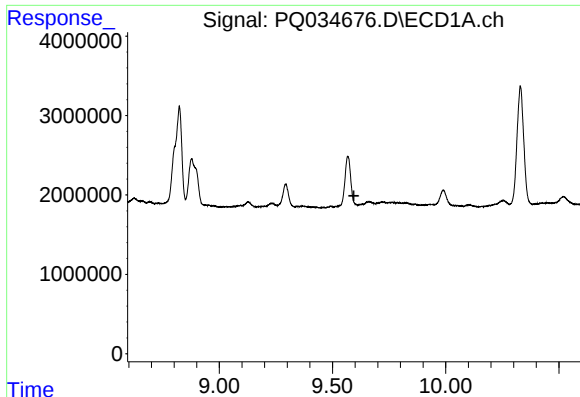
#39 AR-1262-4

R.T.: 8.878 min  
Delta R.T.: -0.039 min  
Response: 12386857  
Conc: 146.94 ng/ml



#39 AR-1262-4

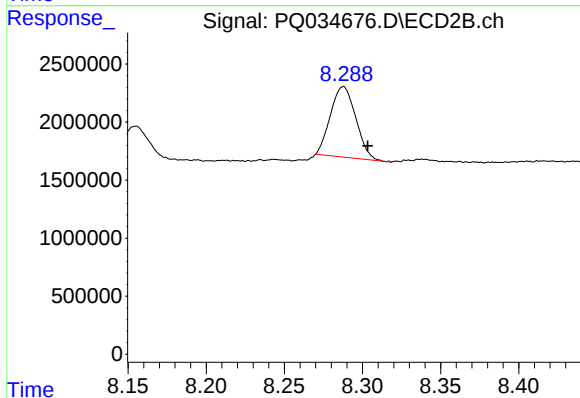
R.T.: 7.786 min  
Delta R.T.: -0.016 min  
Response: 24525850  
Conc: 119.77 ng/ml



#40 AR-1262-5

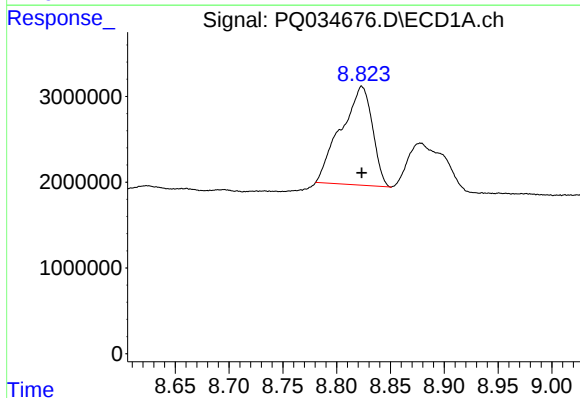
R.T.: 0.000 min  
Exp R.T.: 9.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



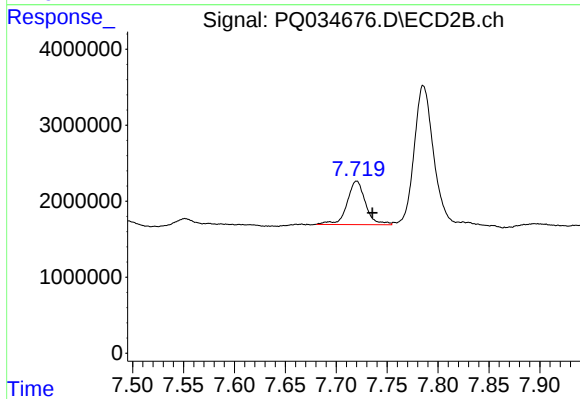
#40 AR-1262-5

R.T.: 8.288 min  
Delta R.T.: -0.016 min  
Response: 6863052  
Conc: 75.29 ng/ml



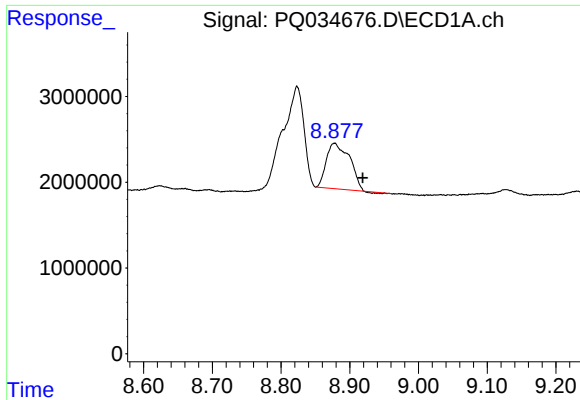
#41 AR-1268-1

R.T.: 8.823 min  
Delta R.T.: 0.000 min  
Response: 23315560  
Conc: 52.91 ng/ml



#41 AR-1268-1

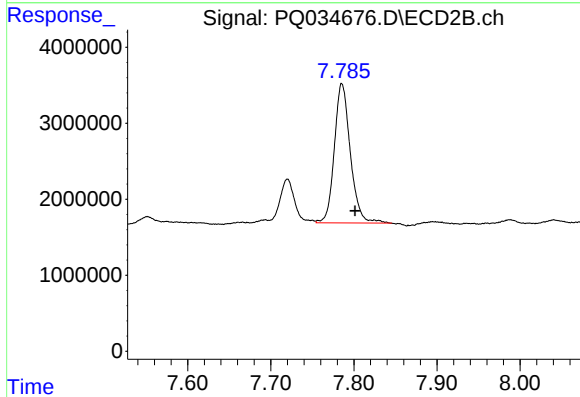
R.T.: 7.720 min  
Delta R.T.: -0.016 min  
Response: 7190377  
Conc: 20.20 ng/ml



#42 AR-1268-2

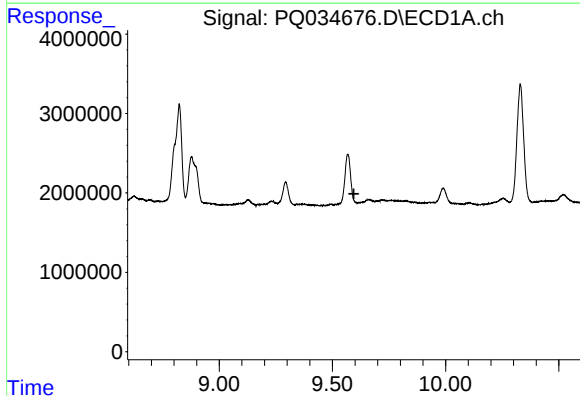
R.T.: 8.878 min  
Delta R.T.: -0.041 min  
Response: 12386857  
Conc: 31.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



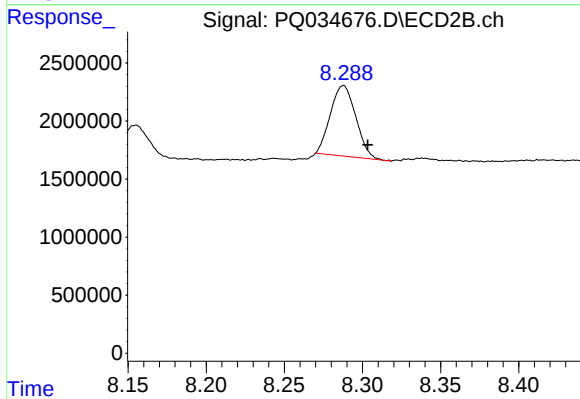
#42 AR-1268-2

R.T.: 7.786 min  
Delta R.T.: -0.016 min  
Response: 24525850  
Conc: 76.76 ng/ml



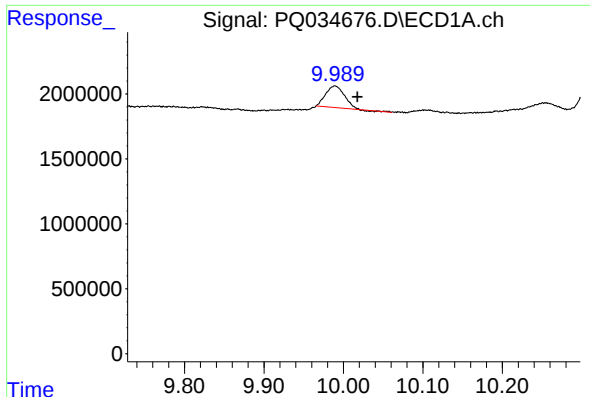
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 9.595 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

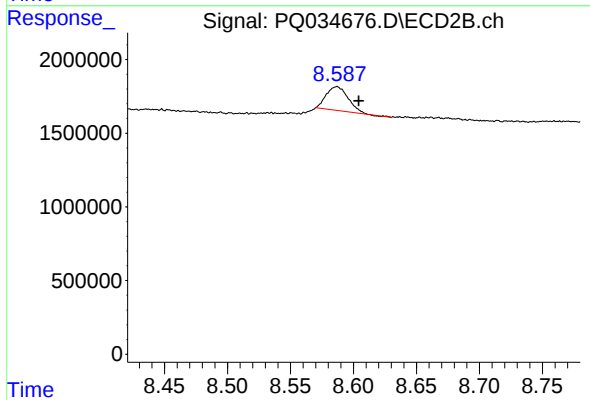
R.T.: 8.288 min  
Delta R.T.: -0.015 min  
Response: 6863052  
Conc: 61.73 ng/ml



#45 AR-1268-5

R.T.: 9.989 min  
Delta R.T.: -0.028 min  
Response: 2734619  
Conc: 2.40 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
B-23(0-10)RE



#45 AR-1268-5

R.T.: 8.587 min  
Delta R.T.: -0.017 min  
Response: 1964184  
Conc: 2.27 ng/ml