

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ112218\  
 Data File : PQ034787.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Nov 2018 06:40  
 Operator : SM\SJ  
 Sample : AR1254CCC400  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 22 06:53:34 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ111718CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 16 03:52:57 2018  
 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... | 4.532  | 3.820 | 63168724 | 41459294 | 22.934   | 24.460    |
| 2)                          | SA Decachlor... | 10.316 | 8.839 | 98949205 | 66343287 | 35.916   | 34.039    |
|                             |                 |        |       |          |          |          |           |
| Target Compounds            |                 |        |       |          |          |          |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.140 | 0        | 17368148 | N.D.     | 356.177 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.140 | 0        | 17368148 | N.D.     | 443.232 # |
| 7)                          | L1 AR-1016-5    | 6.181  | 5.355 | 14873513 | 10176860 | 216.230  | 196.331   |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.140 | 0        | 17368148 | N.D.     | 865.602 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.181 | 0        | 4514745  | N.D.     | 259.810 # |
| 15)                         | L3 AR-1232-5    | 5.975  | 5.355 | 24804137 | 10176860 | 1131.670 | 525.779 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.140 | 0        | 17368148 | N.D.     | 445.968 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.181 | 0        | 4514745  | N.D.     | 116.921 # |
| 20)                         | L4 AR-1242-5    | 6.626  | 5.705 | 13083972 | 45375848 | 211.447  | 913.035 # |
| 22)                         | L5 AR-1248-2    | 5.975  | 5.140 | 24804137 | 17368148 | 296.429  | 315.037   |
| 23)                         | L5 AR-1248-3    | 6.181  | 5.181 | 14873513 | 4514745  | 154.116  | 80.166 #  |
| 24)                         | L5 AR-1248-4    | 6.585  | 5.355 | 21350789 | 10176860 | 194.659  | 146.645   |
| 25)                         | L5 AR-1248-5    | 6.626  | 5.746 | 13083972 | 4984933  | 125.517  | 69.849 #  |
| 26)                         | L6 AR-1254-1    | 6.557  | 5.705 | 43919997 | 45375848 | 392.582  | 415.133   |
| 27)                         | L6 AR-1254-2    | 6.774  | 5.851 | 67990230 | 38598107 | 384.296  | 403.807   |
| 28)                         | L6 AR-1254-3    | 7.144  | 6.255 | 72819150 | 63606885 | 375.739  | 393.386   |
| 29)                         | L6 AR-1254-4    | 7.428  | 6.482 | 51558941 | 39226576 | 363.244  | 379.000   |
| 30)                         | L6 AR-1254-5    | 7.847  | 6.898 | 53962172 | 52424188 | 358.501  | 369.489   |
| 31)                         | L7 AR-1260-1    | 7.305  | 6.383 | 26981980 | 28672790 | 194.374  | 267.425 # |
| 32)                         | L7 AR-1260-2    | 7.560  | 6.569 | 29349402 | 22465677 | 171.670  | 167.282   |
| 33)                         | L7 AR-1260-3    | 7.910  | 6.724 | 6025090  | 23385067 | 56.534   | 190.487 # |
| 34)                         | L7 AR-1260-4    | 8.141  | 7.194 | 20800908 | 2451071  | 157.051  | 28.418 #  |
| 35)                         | L7 AR-1260-5    | 8.476  | 7.432 | 8157023  | 4600247  | 30.064   | 20.927 #  |
| 36)                         | L8 AR-1262-1    | 7.910  | 6.969 | 6025090  | 5043752  | 31.839   | 33.898    |
| 37)                         | L8 AR-1262-2    | 8.476  | 7.432 | 8157023  | 4600247  | 23.220   | 16.708 #  |
| 38)                         | L8 AR-1262-3    | 8.815  | 7.779 | 5388379  | 5426050  | 23.451   | 50.178 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.779 | 0        | 5426050  | N.D.     | 27.090 #  |
| 41)                         | L9 AR-1268-1    | 8.815  | 7.779 | 5388379  | 5426050  | 12.505   | 16.293 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.779 | 0        | 5426050  | N.D.     | 18.168 #  |
| -----                       |                 |        |       |          |          |          |           |

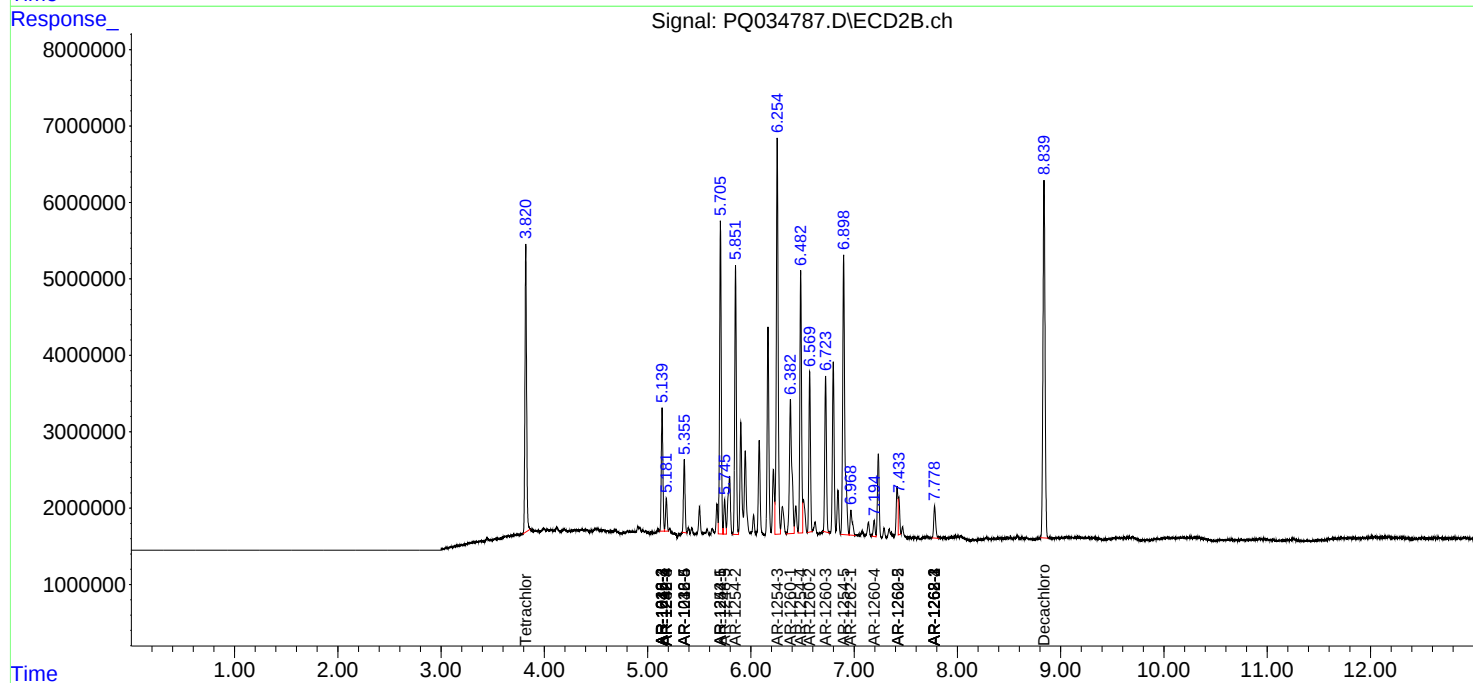
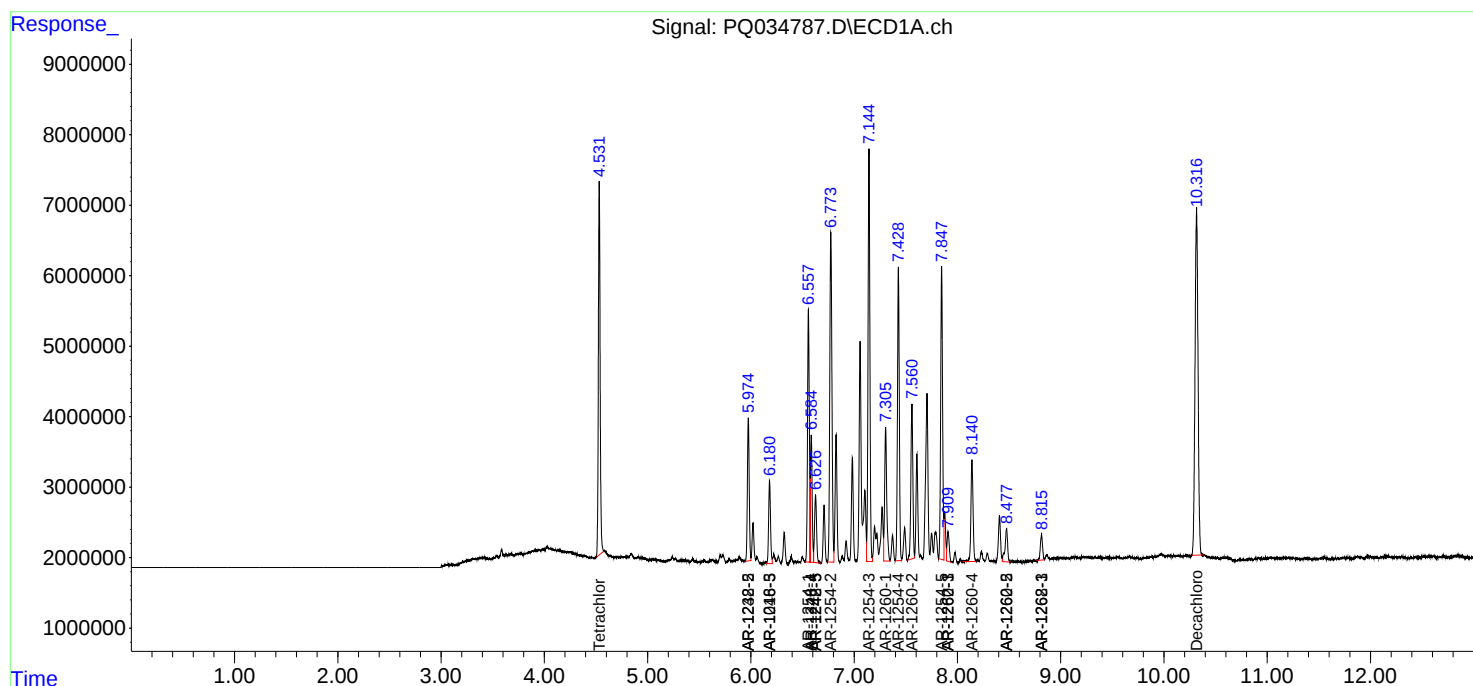
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

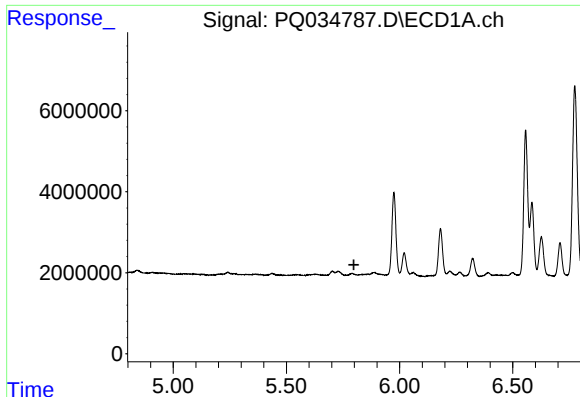
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ112218\  
Data File : PQ034787.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Nov 2018 06:40  
Operator : SM\SJ  
Sample : AR1254CCC400  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 22 06:53:34 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ111718CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 16 03:52:57 2018  
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

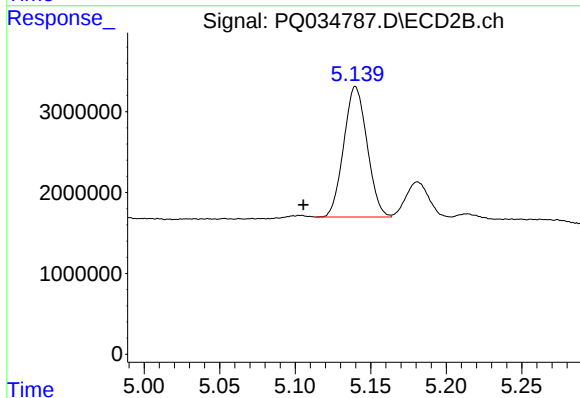




#5 AR-1016-3

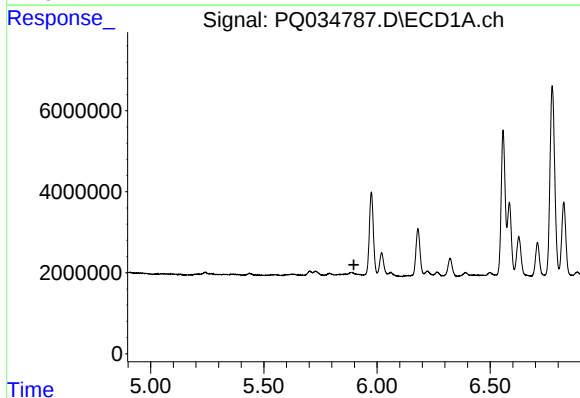
R.T.: 0.000 min  
Exp R.T.: 5.798 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



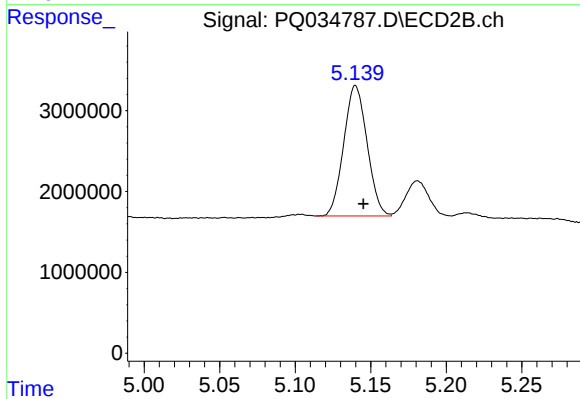
#5 AR-1016-3

R.T.: 5.140 min  
Delta R.T.: 0.034 min  
Response: 17368148  
Conc: 356.18 ng/ml



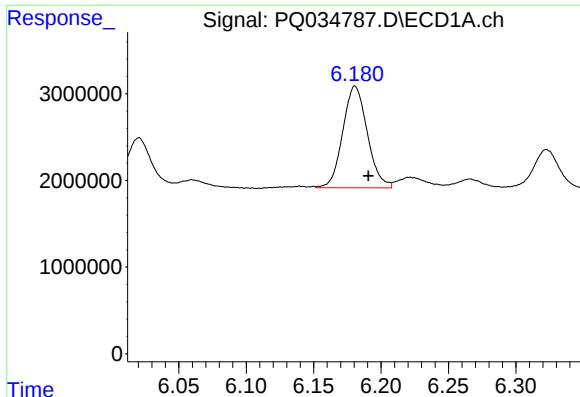
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.898 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

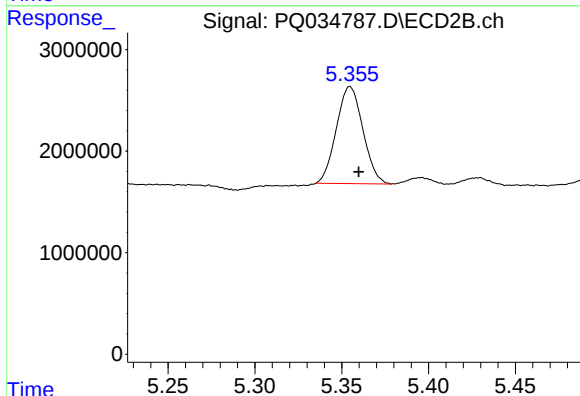
R.T.: 5.140 min  
Delta R.T.: -0.005 min  
Response: 17368148  
Conc: 443.23 ng/ml



#7 AR-1016-5

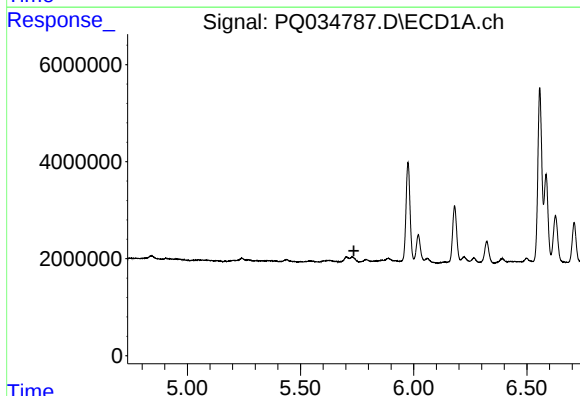
R.T.: 6.181 min  
Delta R.T.: -0.010 min  
Response: 14873513  
Conc: 216.23 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



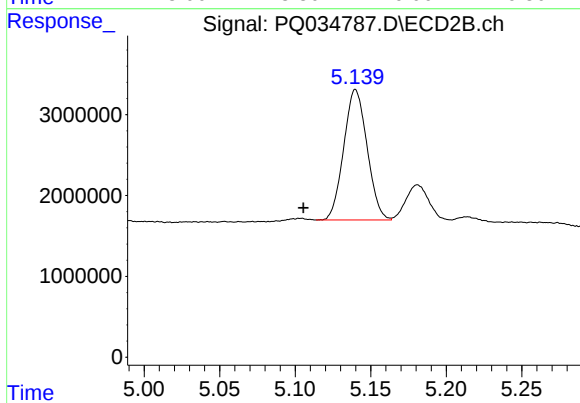
#7 AR-1016-5

R.T.: 5.355 min  
Delta R.T.: -0.005 min  
Response: 10176860  
Conc: 196.33 ng/ml



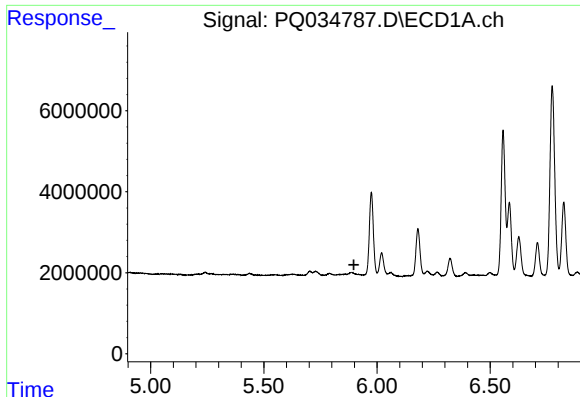
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.736 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

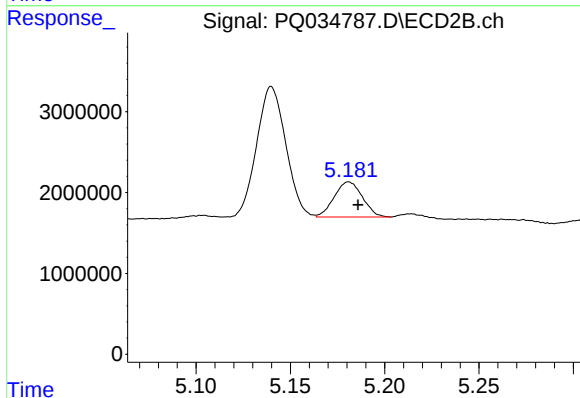
R.T.: 5.140 min  
Delta R.T.: 0.034 min  
Response: 17368148  
Conc: 865.60 ng/ml



#14 AR-1232-4

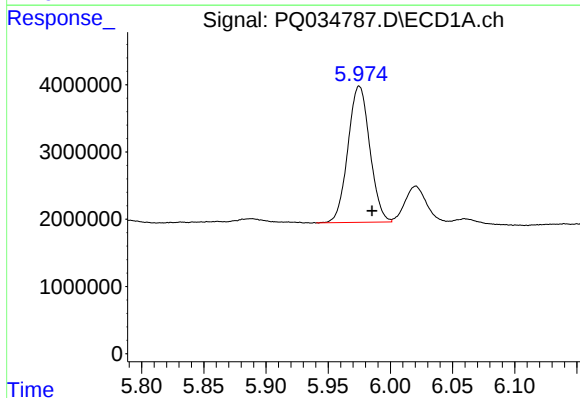
R.T.: 0.000 min  
Exp R.T.: 5.898 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



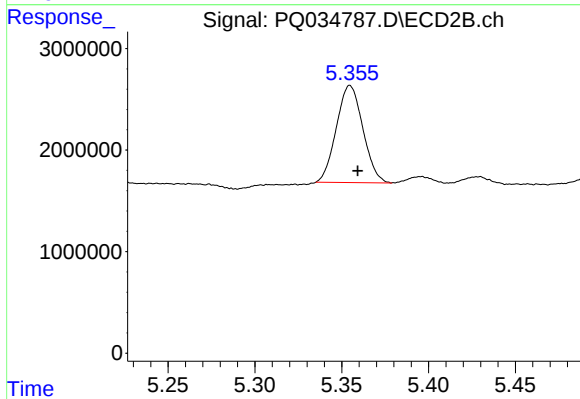
#14 AR-1232-4

R.T.: 5.181 min  
Delta R.T.: -0.005 min  
Response: 4514745  
Conc: 259.81 ng/ml



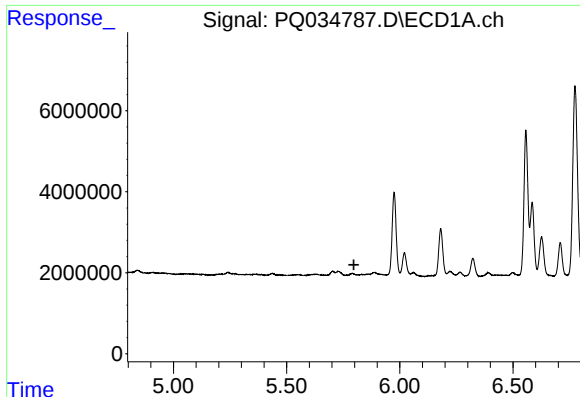
#15 AR-1232-5

R.T.: 5.975 min  
Delta R.T.: -0.010 min  
Response: 24804137  
Conc: 1131.67 ng/ml



#15 AR-1232-5

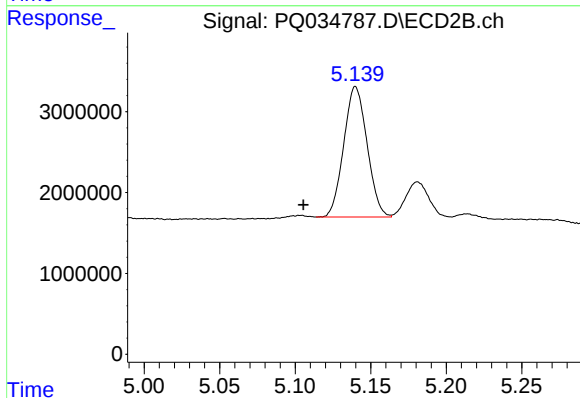
R.T.: 5.355 min  
Delta R.T.: -0.004 min  
Response: 10176860  
Conc: 525.78 ng/ml



#18 AR-1242-3

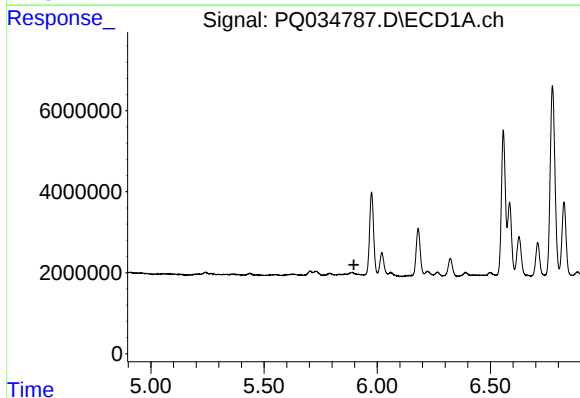
R.T.: 0.000 min  
Exp R.T.: 5.797 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



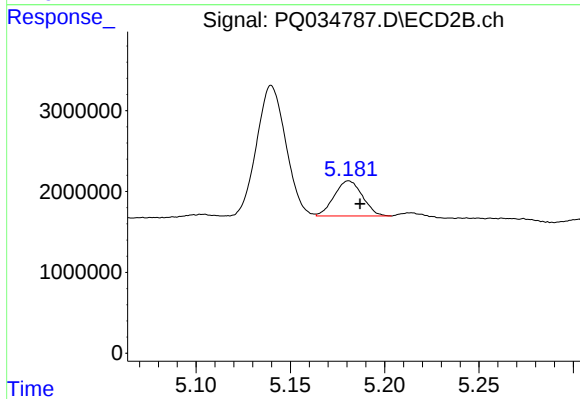
#18 AR-1242-3

R.T.: 5.140 min  
Delta R.T.: 0.034 min  
Response: 17368148  
Conc: 445.97 ng/ml



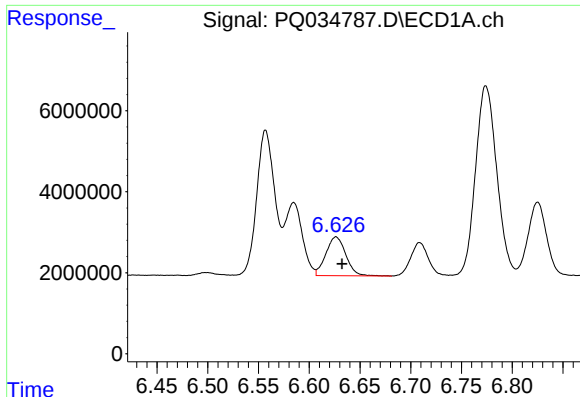
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.897 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

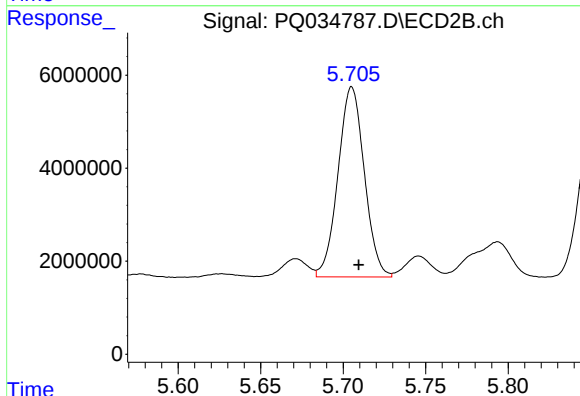
R.T.: 5.181 min  
Delta R.T.: -0.006 min  
Response: 4514745  
Conc: 116.92 ng/ml



#20 AR-1242-5

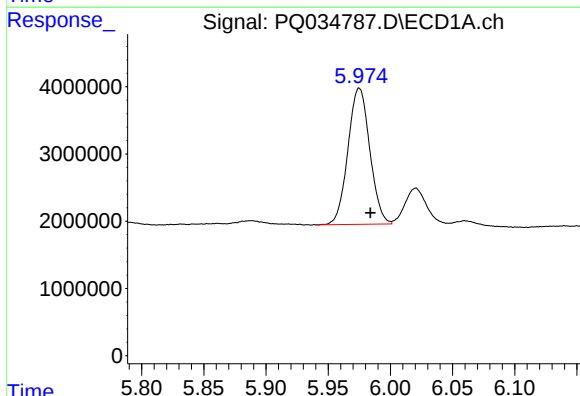
R.T.: 6.626 min  
Delta R.T.: -0.006 min  
Response: 13083972  
Conc: 211.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



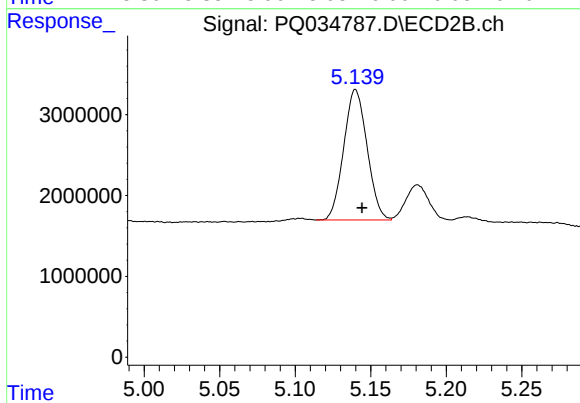
#20 AR-1242-5

R.T.: 5.705 min  
Delta R.T.: -0.004 min  
Response: 45375848  
Conc: 913.04 ng/ml



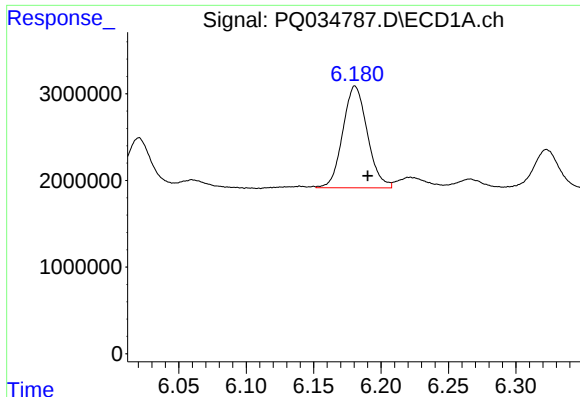
#22 AR-1248-2

R.T.: 5.975 min  
Delta R.T.: -0.009 min  
Response: 24804137  
Conc: 296.43 ng/ml



#22 AR-1248-2

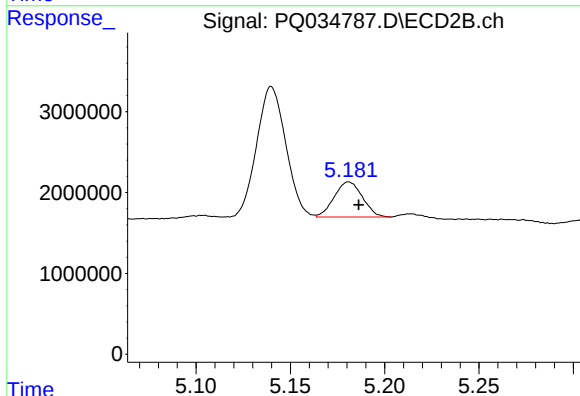
R.T.: 5.140 min  
Delta R.T.: -0.004 min  
Response: 17368148  
Conc: 315.04 ng/ml



#23 AR-1248-3

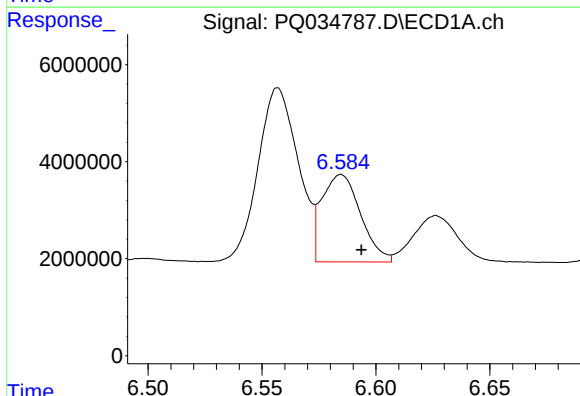
R.T.: 6.181 min  
Delta R.T.: -0.010 min  
Response: 14873513  
Conc: 154.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



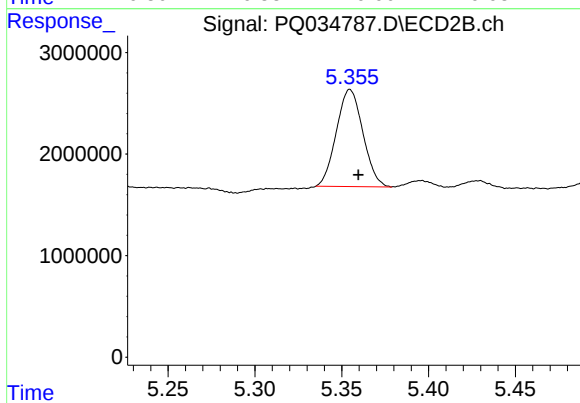
#23 AR-1248-3

R.T.: 5.181 min  
Delta R.T.: -0.005 min  
Response: 4514745  
Conc: 80.17 ng/ml



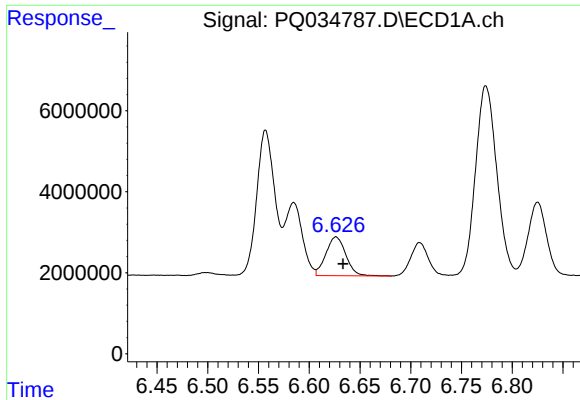
#24 AR-1248-4

R.T.: 6.585 min  
Delta R.T.: -0.009 min  
Response: 21350789  
Conc: 194.66 ng/ml



#24 AR-1248-4

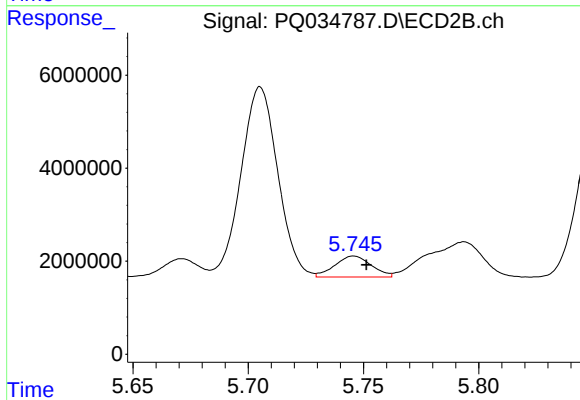
R.T.: 5.355 min  
Delta R.T.: -0.005 min  
Response: 10176860  
Conc: 146.64 ng/ml



#25 AR-1248-5

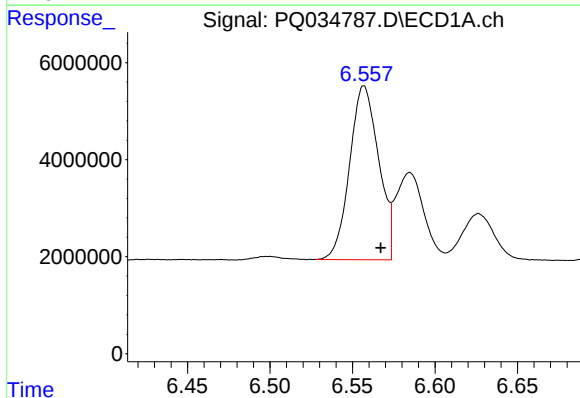
R.T.: 6.626 min  
Delta R.T.: -0.007 min  
Response: 13083972  
Conc: 125.52 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



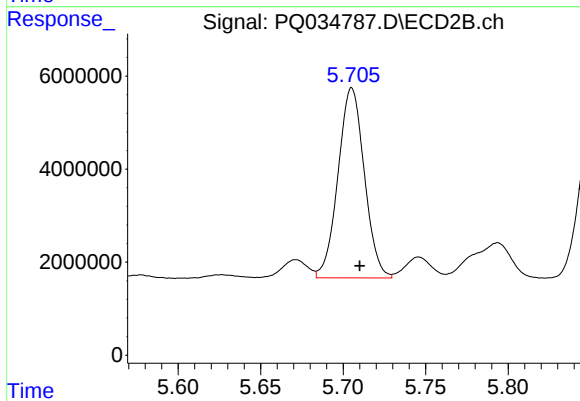
#25 AR-1248-5

R.T.: 5.746 min  
Delta R.T.: -0.006 min  
Response: 4984933  
Conc: 69.85 ng/ml



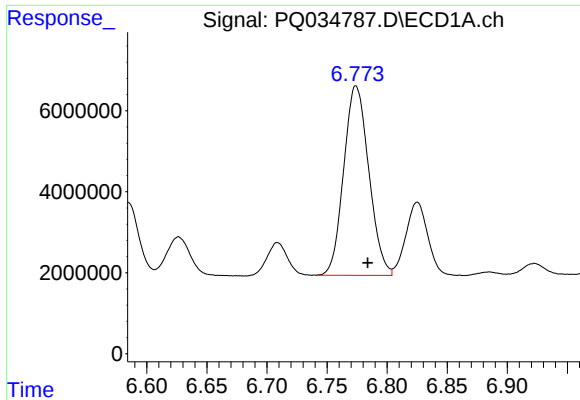
#26 AR-1254-1

R.T.: 6.557 min  
Delta R.T.: -0.010 min  
Response: 43919997  
Conc: 392.58 ng/ml



#26 AR-1254-1

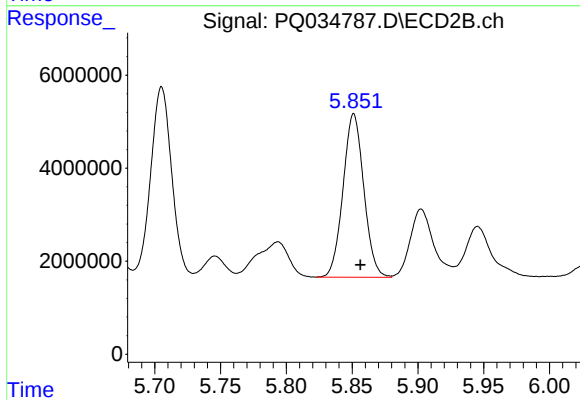
R.T.: 5.705 min  
Delta R.T.: -0.005 min  
Response: 45375848  
Conc: 415.13 ng/ml



#27 AR-1254-2

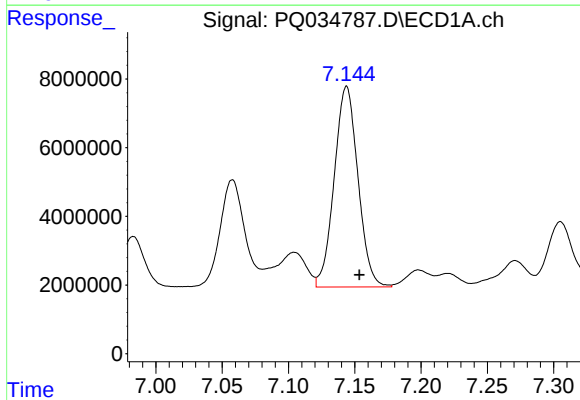
R.T.: 6.774 min  
Delta R.T.: -0.010 min  
Response: 67990230  
Conc: 384.30 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



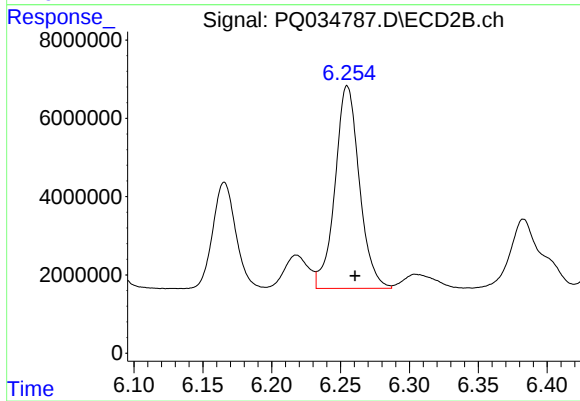
#27 AR-1254-2

R.T.: 5.851 min  
Delta R.T.: -0.005 min  
Response: 38598107  
Conc: 403.81 ng/ml



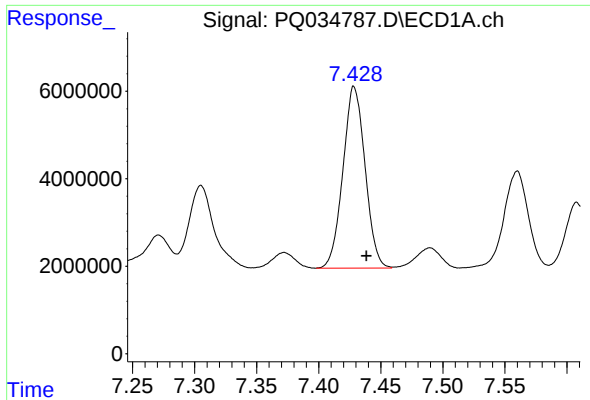
#28 AR-1254-3

R.T.: 7.144 min  
Delta R.T.: -0.010 min  
Response: 72819150  
Conc: 375.74 ng/ml



#28 AR-1254-3

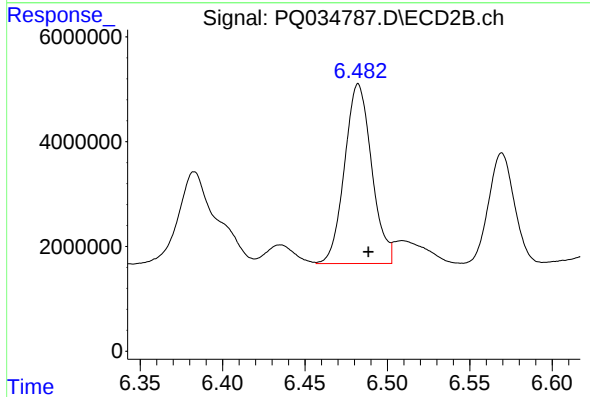
R.T.: 6.255 min  
Delta R.T.: -0.006 min  
Response: 63606885  
Conc: 393.39 ng/ml



#29 AR-1254-4

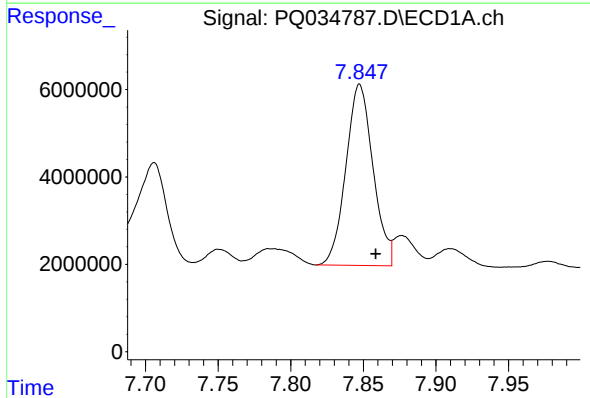
R.T.: 7.428 min  
Delta R.T.: -0.010 min  
Response: 51558941  
Conc: 363.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



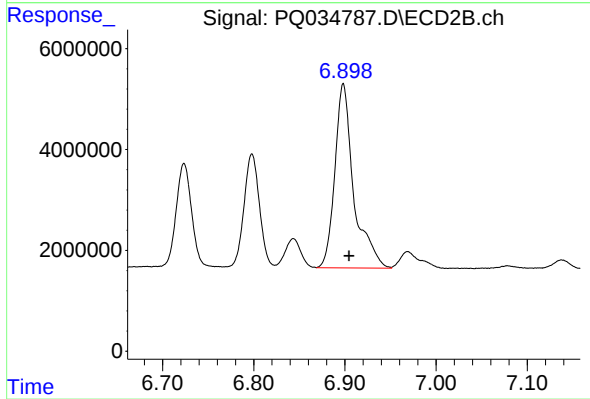
#29 AR-1254-4

R.T.: 6.482 min  
Delta R.T.: -0.006 min  
Response: 39226576  
Conc: 379.00 ng/ml



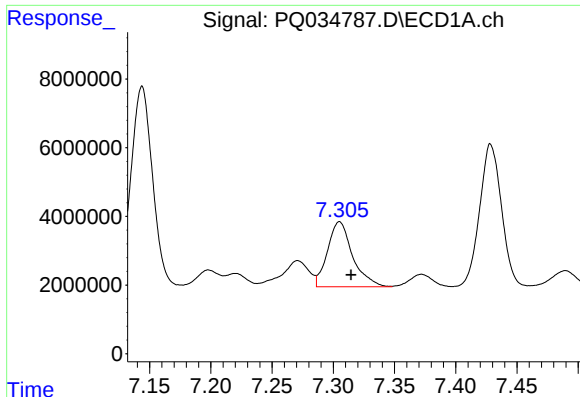
#30 AR-1254-5

R.T.: 7.847 min  
Delta R.T.: -0.011 min  
Response: 53962172  
Conc: 358.50 ng/ml



#30 AR-1254-5

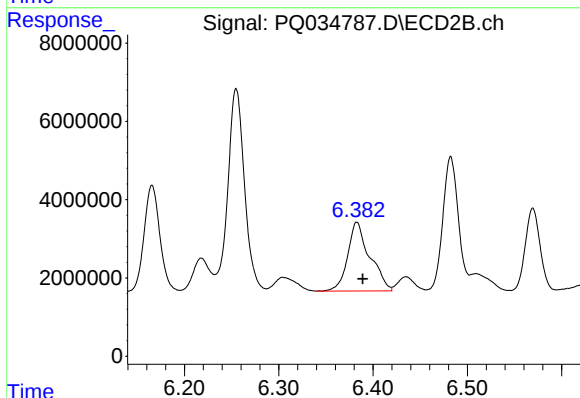
R.T.: 6.898 min  
Delta R.T.: -0.006 min  
Response: 52424188  
Conc: 369.49 ng/ml



#31 AR-1260-1

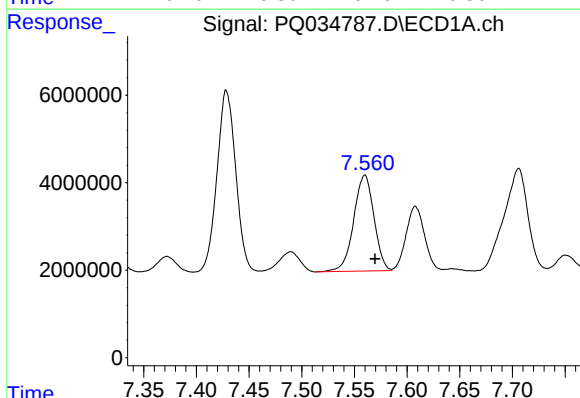
R.T.: 7.305 min  
Delta R.T.: -0.009 min  
Response: 26981980  
Conc: 194.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



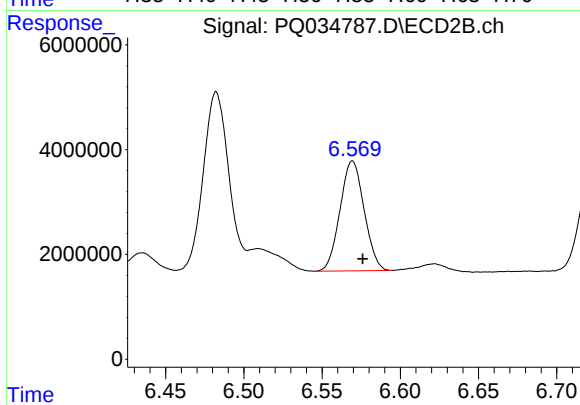
#31 AR-1260-1

R.T.: 6.383 min  
Delta R.T.: -0.006 min  
Response: 28672790  
Conc: 267.43 ng/ml



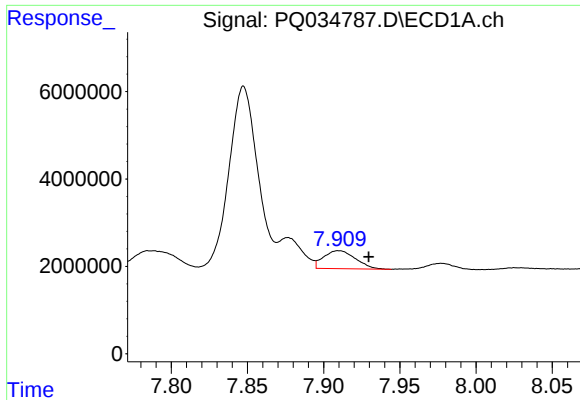
#32 AR-1260-2

R.T.: 7.560 min  
Delta R.T.: -0.010 min  
Response: 29349402  
Conc: 171.67 ng/ml



#32 AR-1260-2

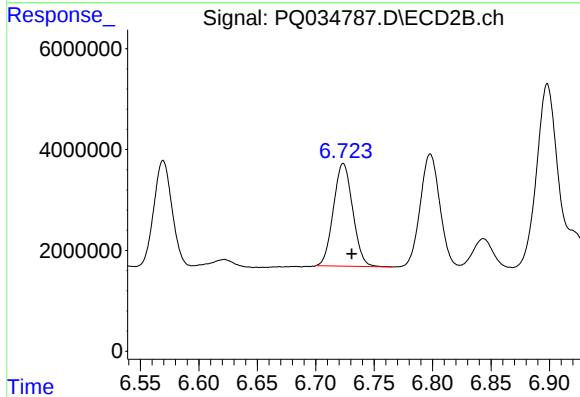
R.T.: 6.569 min  
Delta R.T.: -0.007 min  
Response: 22465677  
Conc: 167.28 ng/ml



#33 AR-1260-3

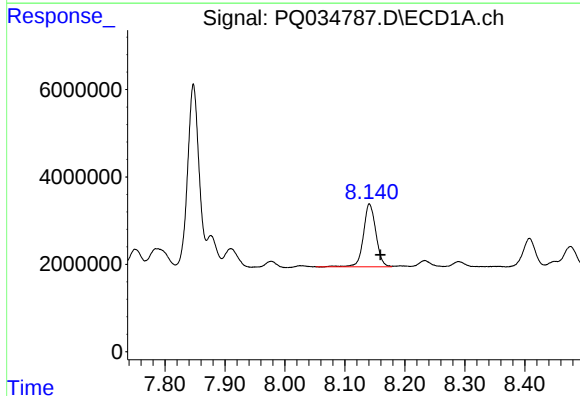
R.T.: 7.910 min  
Delta R.T.: -0.020 min  
Response: 6025090  
Conc: 56.53 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



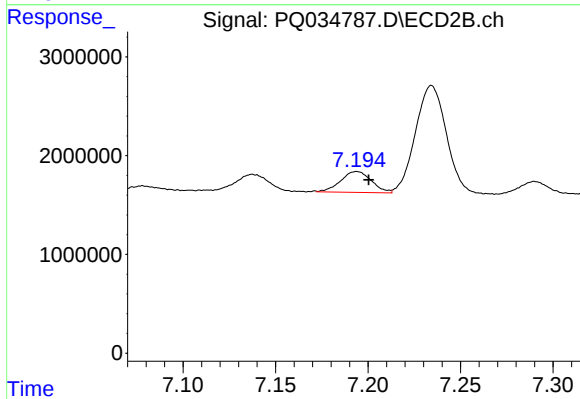
#33 AR-1260-3

R.T.: 6.724 min  
Delta R.T.: -0.007 min  
Response: 23385067  
Conc: 190.49 ng/ml



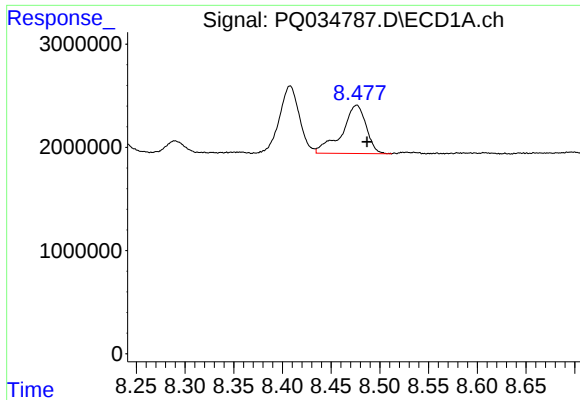
#34 AR-1260-4

R.T.: 8.141 min  
Delta R.T.: -0.018 min  
Response: 20800908  
Conc: 157.05 ng/ml



#34 AR-1260-4

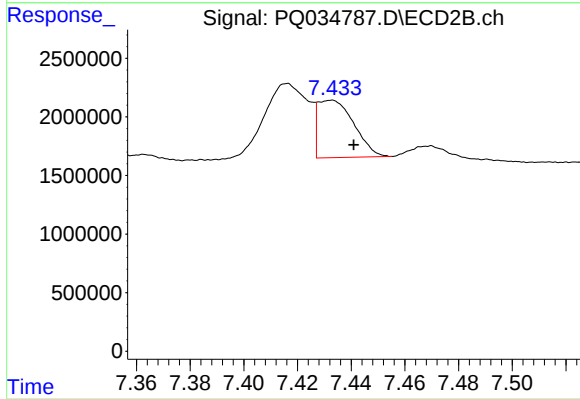
R.T.: 7.194 min  
Delta R.T.: -0.006 min  
Response: 2451071  
Conc: 28.42 ng/ml



#35 AR-1260-5

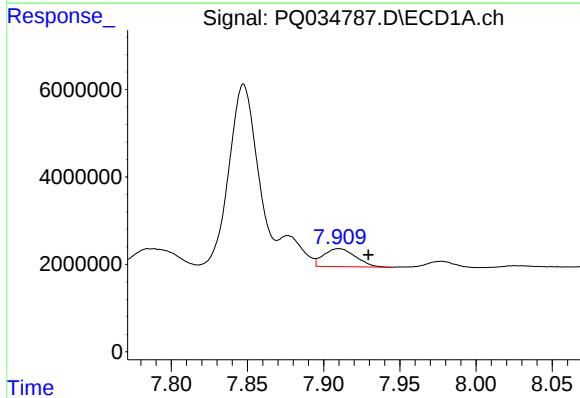
R.T.: 8.476 min  
Delta R.T.: -0.011 min  
Response: 8157023  
Conc: 30.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



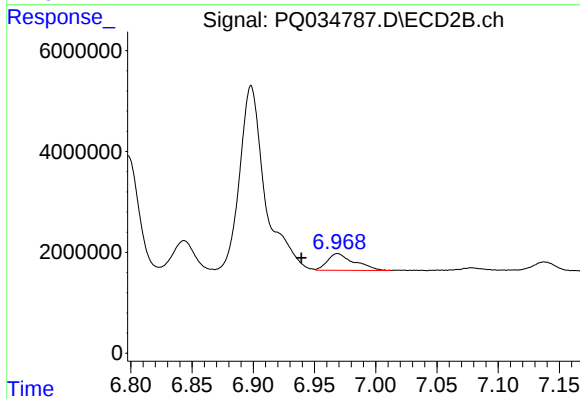
#35 AR-1260-5

R.T.: 7.432 min  
Delta R.T.: -0.009 min  
Response: 4600247  
Conc: 20.93 ng/ml



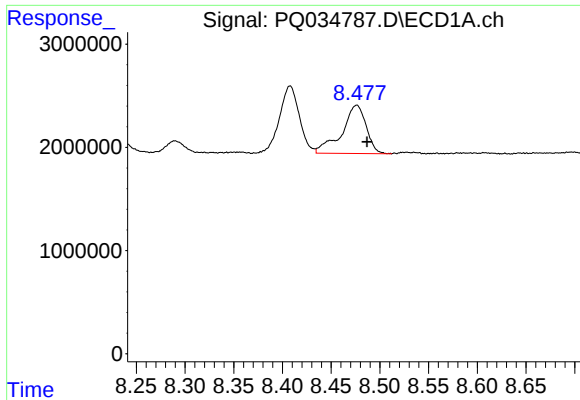
#36 AR-1262-1

R.T.: 7.910 min  
Delta R.T.: -0.019 min  
Response: 6025090  
Conc: 31.84 ng/ml



#36 AR-1262-1

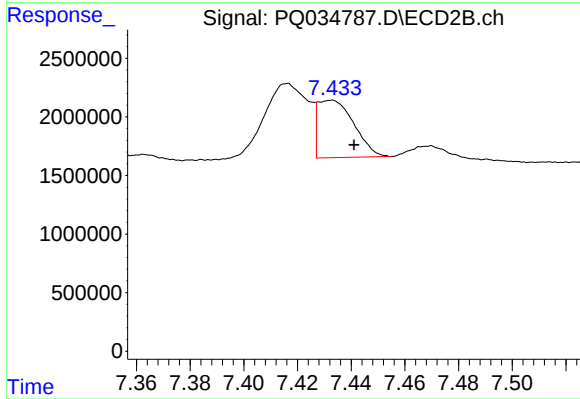
R.T.: 6.969 min  
Delta R.T.: 0.030 min  
Response: 5043752  
Conc: 33.90 ng/ml



#37 AR-1262-2

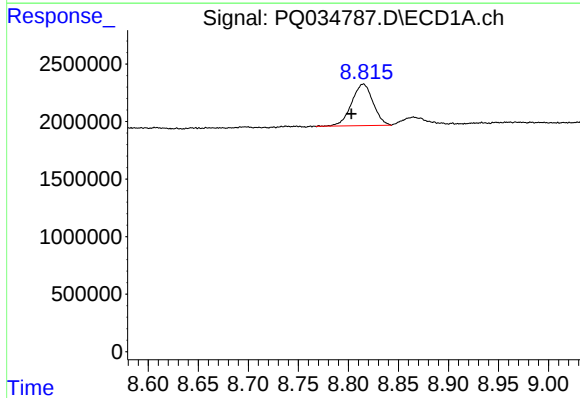
R.T.: 8.476 min  
Delta R.T.: -0.011 min  
Response: 8157023  
Conc: 23.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



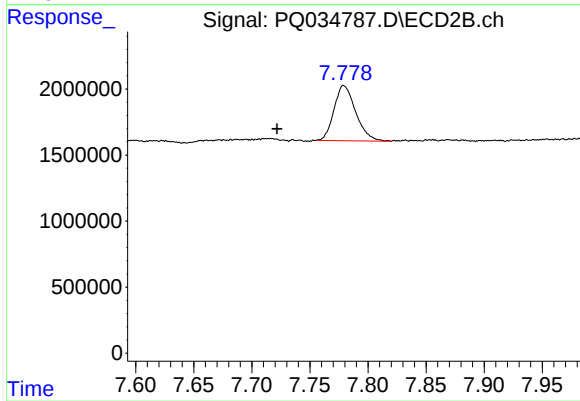
#37 AR-1262-2

R.T.: 7.432 min  
Delta R.T.: -0.009 min  
Response: 4600247  
Conc: 16.71 ng/ml



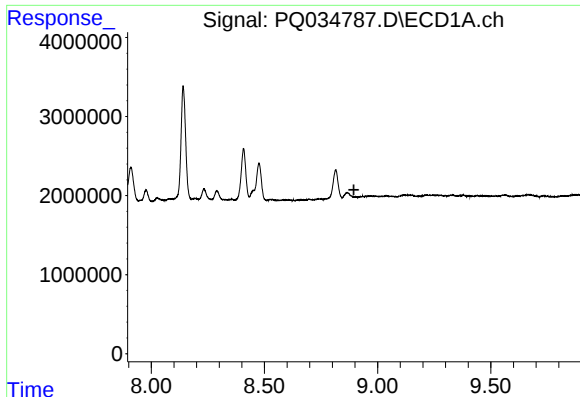
#38 AR-1262-3

R.T.: 8.815 min  
Delta R.T.: 0.012 min  
Response: 5388379  
Conc: 23.45 ng/ml



#38 AR-1262-3

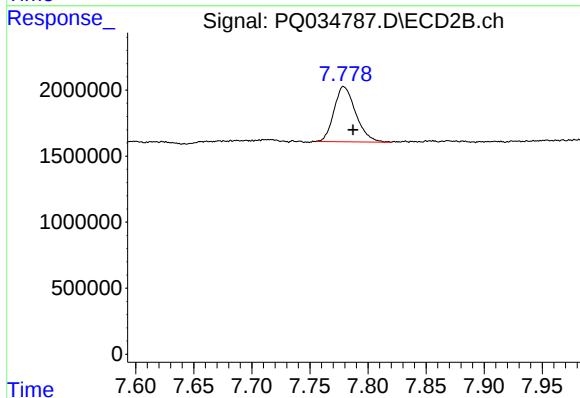
R.T.: 7.779 min  
Delta R.T.: 0.057 min  
Response: 5426050  
Conc: 50.18 ng/ml



#39 AR-1262-4

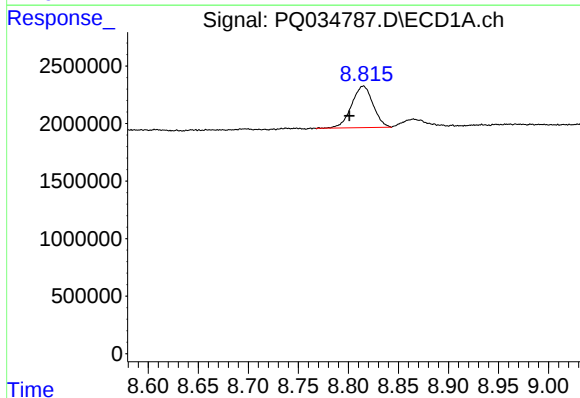
R.T.: 0.000 min  
Exp R.T.: 8.895 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



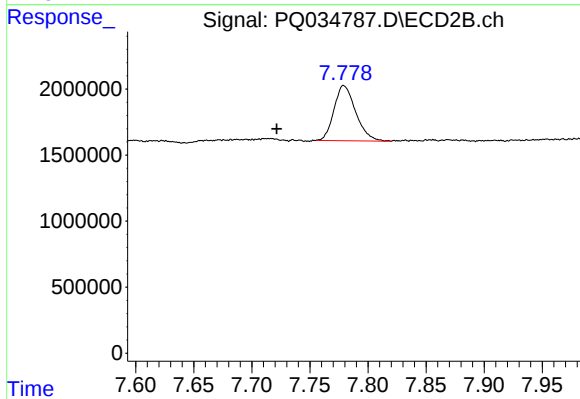
#39 AR-1262-4

R.T.: 7.779 min  
Delta R.T.: -0.008 min  
Response: 5426050  
Conc: 27.09 ng/ml



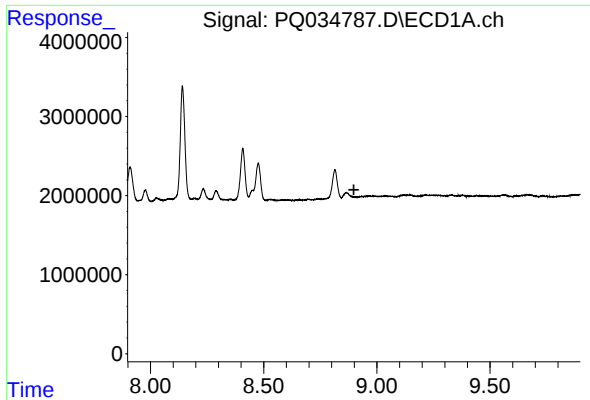
#41 AR-1268-1

R.T.: 8.815 min  
Delta R.T.: 0.014 min  
Response: 5388379  
Conc: 12.50 ng/ml



#41 AR-1268-1

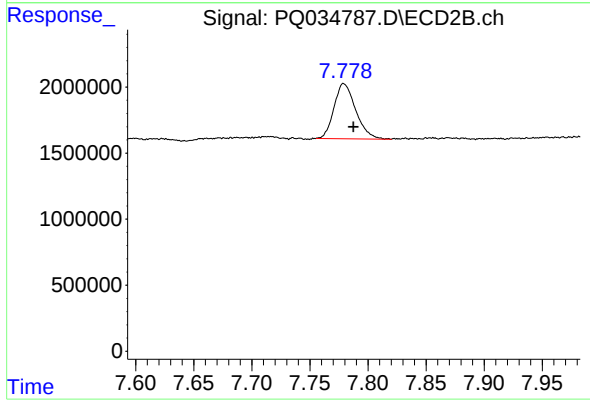
R.T.: 7.779 min  
Delta R.T.: 0.058 min  
Response: 5426050  
Conc: 16.29 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.898 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#42 AR-1268-2

R.T.: 7.779 min  
Delta R.T.: -0.008 min  
Response: 5426050  
Conc: 18.17 ng/ml