

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ011719\  
 Data File : PQ036502.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jan 2019 17:51  
 Operator : SM\SJ  
 Sample : K1157-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleID :  
 WC-02-011519

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 18 00:51:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ010819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jan 09 07:07:45 2019  
 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... | 4.373  | 3.717 | 77141863 | 44906627 | 16.874  | 18.553    |
| 2)                          | SA Decachlor... | 10.002 | 8.667 | 37436094 | 19741485 | 10.292  | 10.269    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.547  | 4.730 | 1354790  | 1850054  | 9.682   | 23.837 #  |
| 4)                          | L1 AR-1016-2    | 5.588  | 0.000 | 1379203  | 0        | 6.461   | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.588  | 4.945 | 1379203  | 2563640  | 11.117  | 44.313 #  |
| 6)                          | L1 AR-1016-4    | 5.750  | 5.092 | 3187280  | 2868630  | 31.476  | 60.855 #  |
| 7)                          | L1 AR-1016-5    | 5.978  | 5.196 | 1845674  | 8796302  | 18.483  | 144.593 # |
| 9)                          | L2 AR-1221-2    | 4.678  | 0.000 | 1284296  | 0        | 48.348  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.588  | 4.945 | 1379203  | 2563640  | 17.140  | 113.117 # |
| 14)                         | L3 AR-1232-4    | 5.750  | 5.092 | 3187280  | 2868630  | 82.923  | 139.375 # |
| 15)                         | L3 AR-1232-5    | 5.801  | 5.196 | 2176842  | 8796302  | 76.002  | 401.100 # |
| 16)                         | L4 AR-1242-1    | 5.547  | 4.730 | 1354790  | 1850054  | 13.627  | 32.089 #  |
| 17)                         | L4 AR-1242-2    | 5.588  | 0.000 | 1379203  | 0        | 9.130   | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.588  | 4.945 | 1379203  | 2563640  | 15.551  | 59.973 #  |
| 19)                         | L4 AR-1242-4    | 5.750  | 5.092 | 3187280  | 2868630  | 43.752  | 67.412 #  |
| 20)                         | L4 AR-1242-5    | 6.481  | 5.601 | 11106784 | 5148842  | 139.963 | 94.791 #  |
| 21)                         | L5 AR-1248-1    | 5.588  | 4.730 | 1379203  | 1850054  | 13.783  | 39.422 #  |
| 22)                         | L5 AR-1248-2    | 5.801  | 5.092 | 2176842  | 2868630  | 19.487  | 45.706 #  |
| 23)                         | L5 AR-1248-3    | 5.978  | 5.092 | 1845674  | 2868630  | 14.729  | 44.648 #  |
| 24)                         | L5 AR-1248-4    | 6.409  | 5.196 | 121.6E6  | 8796302  | 853.050 | 114.513 # |
| 25)                         | L5 AR-1248-5    | 6.481  | 5.601 | 11106784 | 5148842  | 81.266  | 67.466    |
| 26)                         | L6 AR-1254-1    | 6.409  | 5.601 | 121.6E6  | 5148842  | 894.727 | 49.229 #  |
| 27)                         | L6 AR-1254-2    | 6.605  | 5.750 | 15311859 | 4845313  | 71.999  | 53.024 #  |
| 28)                         | L6 AR-1254-3    | 6.962  | 6.144 | 17776544 | 3546181  | 75.732  | 22.273 #  |
| 29)                         | L6 AR-1254-4    | 7.280  | 6.394 | -173971  | 7664894  | N.D.    | 73.024 #  |
| 30)                         | L6 AR-1254-5    | 7.675  | 6.786 | 9285691  | 4216316  | 45.337  | 29.028 #  |
| 31)                         | L7 AR-1260-1    | 7.118  | 6.318 | 2303185  | 7325271  | 12.097  | 61.518 #  |
| 32)                         | L7 AR-1260-2    | 7.374  | 6.444 | 47718628 | 2741791  | 207.933 | 19.098 #  |
| 33)                         | L7 AR-1260-3    | 7.724  | 6.554 | 5900533  | 1763492  | 41.904  | 13.356 #  |
| 34)                         | L7 AR-1260-4    | 7.950  | 7.056 | 6906569  | 2998949  | 40.056  | 33.362    |
| 35)                         | L7 AR-1260-5    | 8.273  | 0.000 | 1400854  | 0        | 4.173   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 7.724  | 6.786 | 5900533  | 4216316  | 25.179  | 27.350    |
| 37)                         | L8 AR-1262-2    | 8.273  | 0.000 | 1400854  | 0        | 3.265   | N.D. #    |
| -----                       |                 |        |       |          |          |         |           |

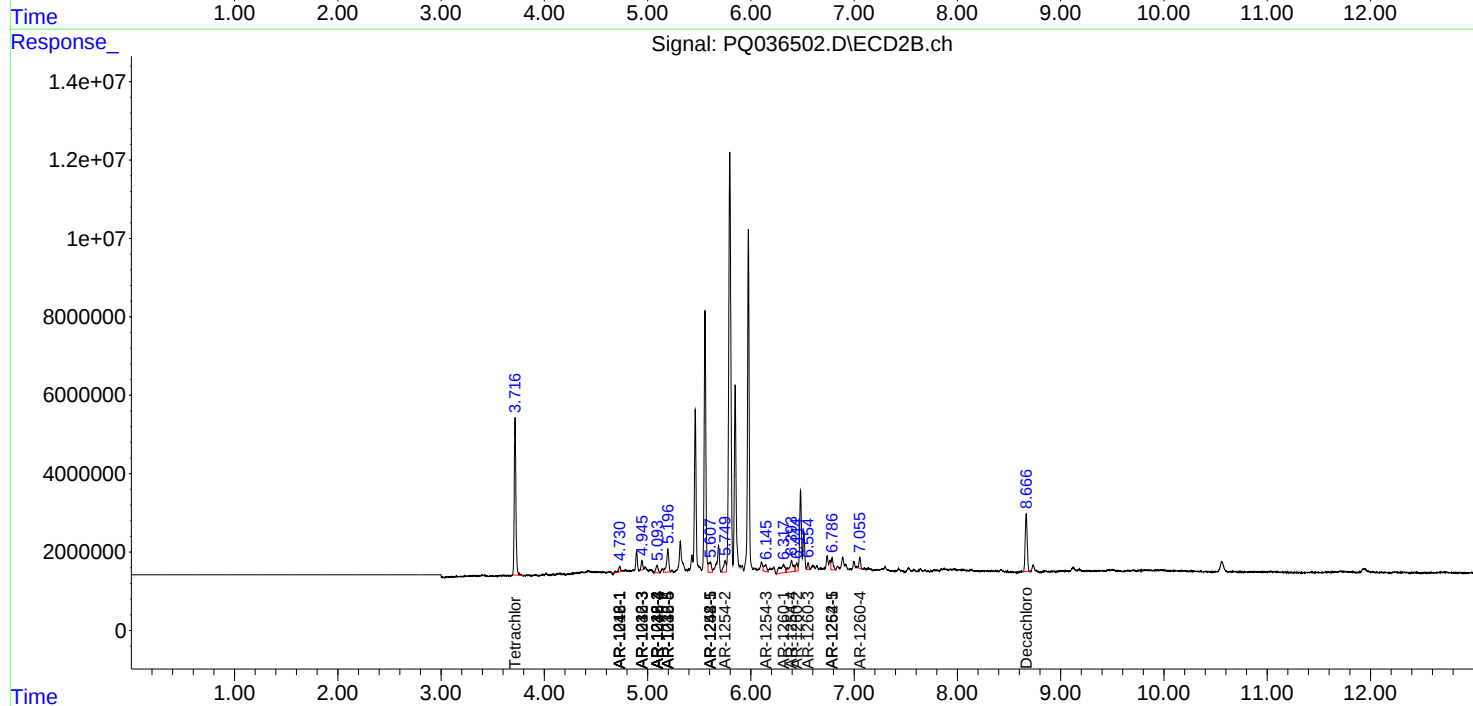
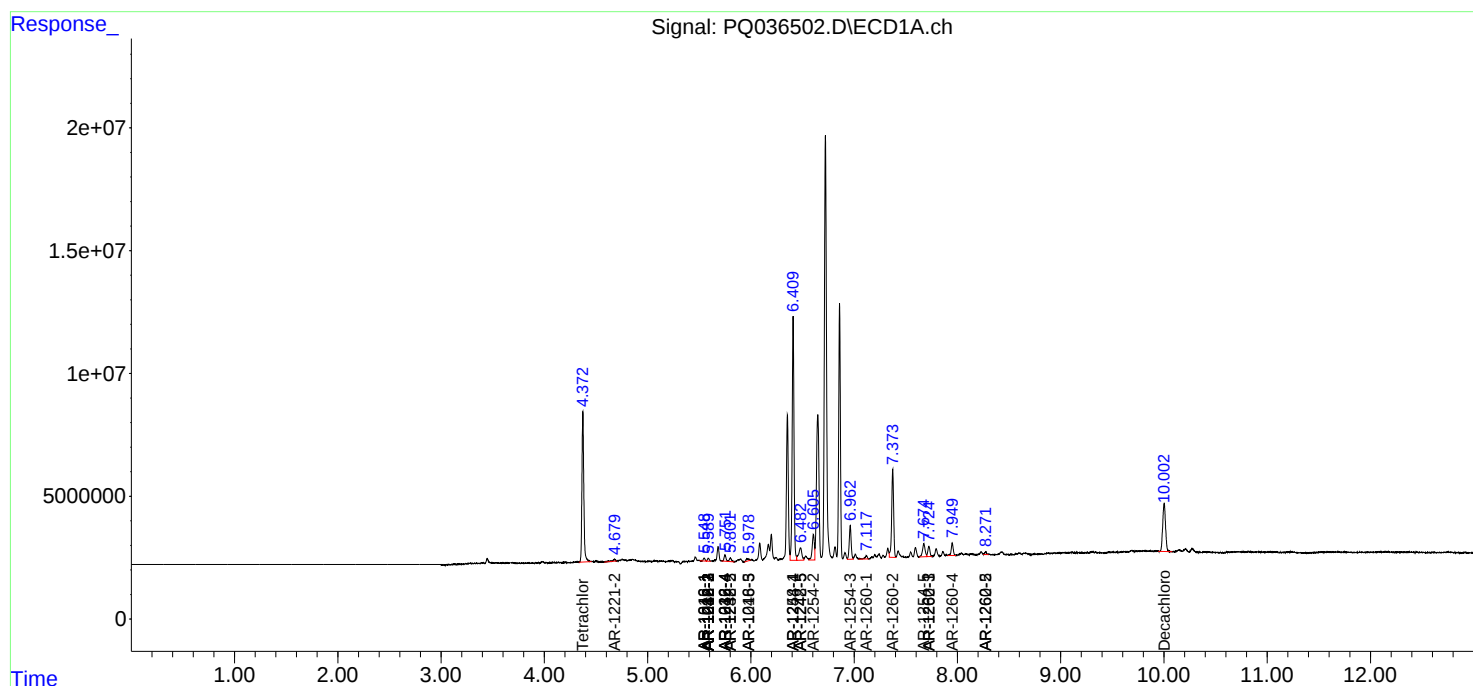
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

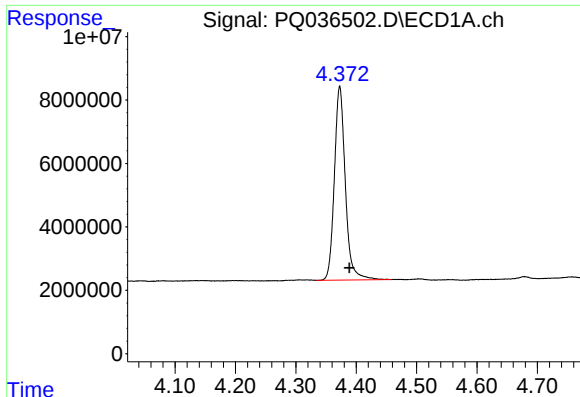
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ011719\  
Data File : PQ036502.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jan 2019 17:51  
Operator : SM\SJ  
Sample : K1157-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :  
WC-02-011519

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 18 00:51:43 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ010819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jan 09 07:07:45 2019  
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

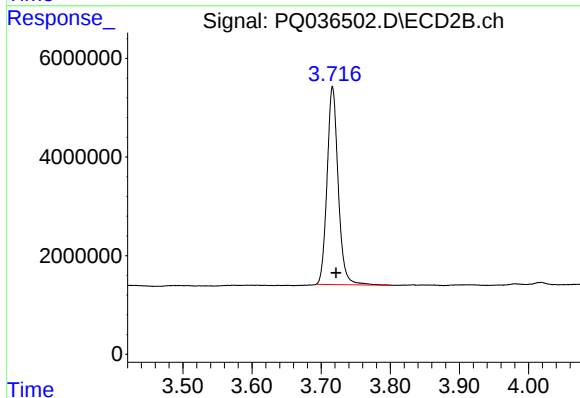




#1 Tetrachloro-m-xylene

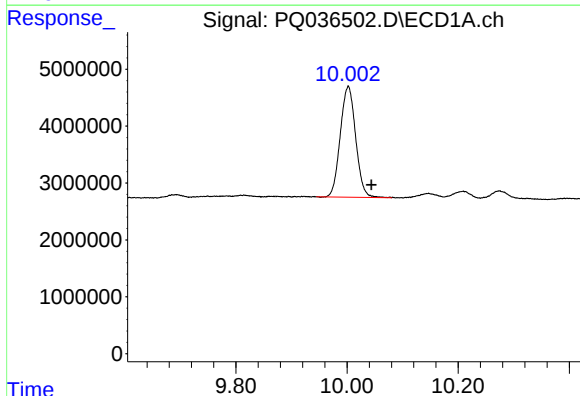
R.T.: 4.373 min  
Delta R.T.: -0.016 min  
Response: 77141863  
Conc: 16.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



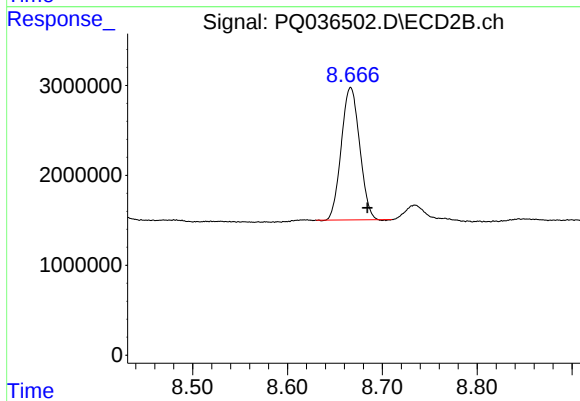
#1 Tetrachloro-m-xylene

R.T.: 3.717 min  
Delta R.T.: -0.005 min  
Response: 44906627  
Conc: 18.55 ng/ml



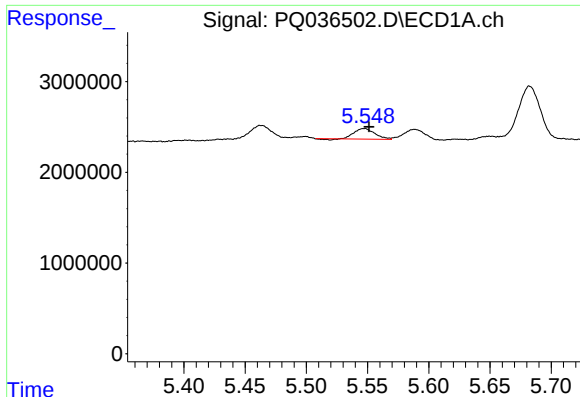
#2 Decachlorobiphenyl

R.T.: 10.002 min  
Delta R.T.: -0.042 min  
Response: 37436094  
Conc: 10.29 ng/ml



#2 Decachlorobiphenyl

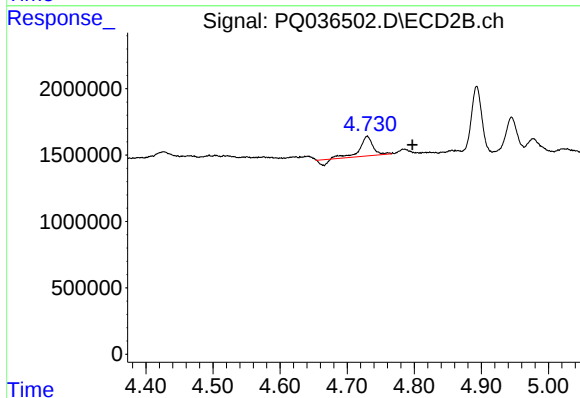
R.T.: 8.667 min  
Delta R.T.: -0.018 min  
Response: 19741485  
Conc: 10.27 ng/ml



#3 AR-1016-1

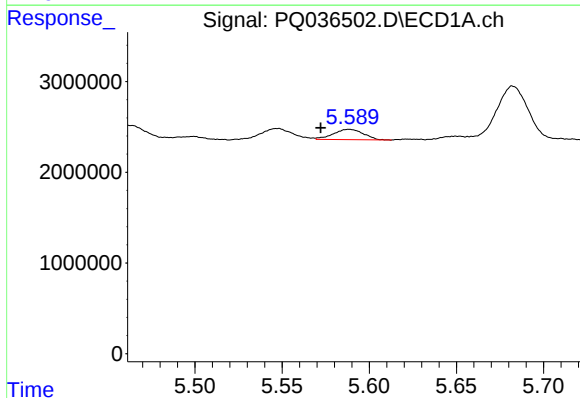
R.T.: 5.547 min  
Delta R.T.: -0.004 min  
Response: 1354790  
Conc: 9.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



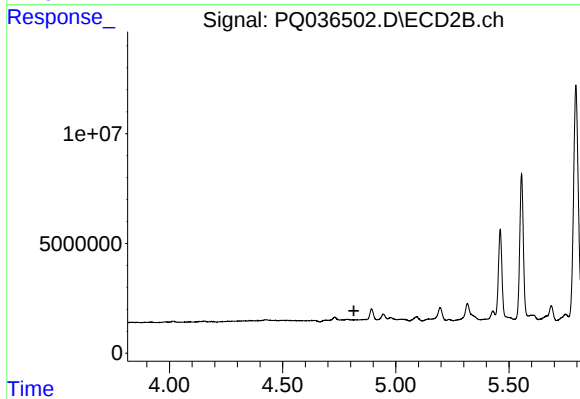
#3 AR-1016-1

R.T.: 4.730 min  
Delta R.T.: -0.067 min  
Response: 1850054  
Conc: 23.84 ng/ml



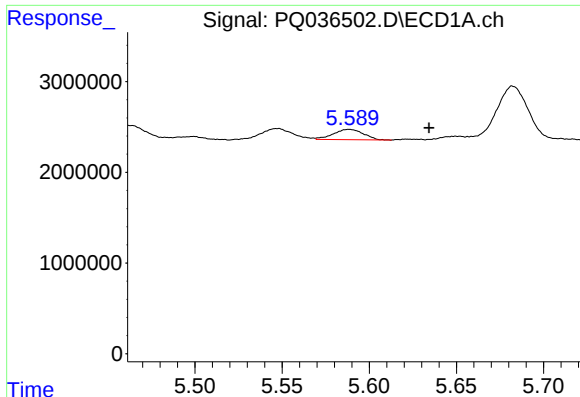
#4 AR-1016-2

R.T.: 5.588 min  
Delta R.T.: 0.016 min  
Response: 1379203  
Conc: 6.46 ng/ml



#4 AR-1016-2

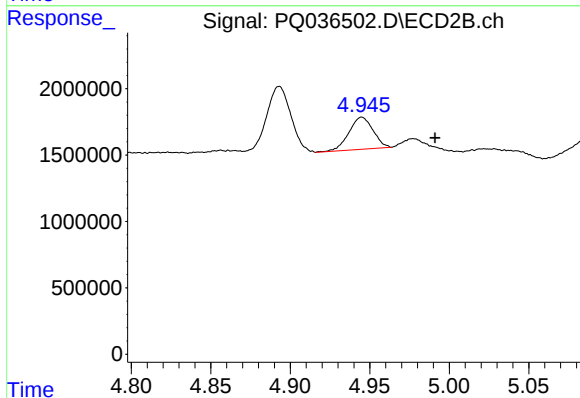
R.T.: 0.000 min  
Exp R.T.: 4.815 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

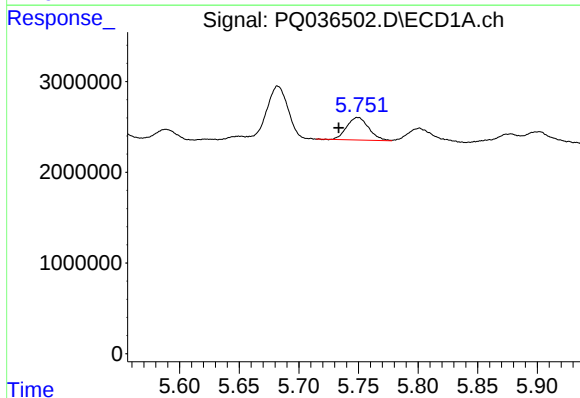
R.T.: 5.588 min  
Delta R.T.: -0.046 min  
Response: 1379203  
Conc: 11.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



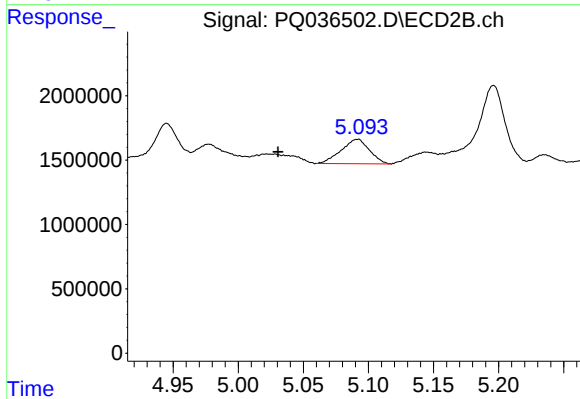
#5 AR-1016-3

R.T.: 4.945 min  
Delta R.T.: -0.046 min  
Response: 2563640  
Conc: 44.31 ng/ml



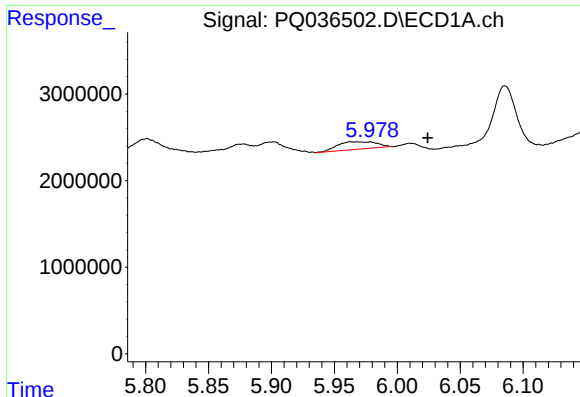
#6 AR-1016-4

R.T.: 5.750 min  
Delta R.T.: 0.016 min  
Response: 3187280  
Conc: 31.48 ng/ml



#6 AR-1016-4

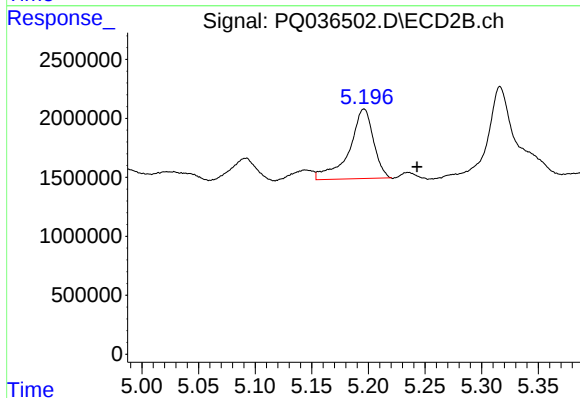
R.T.: 5.092 min  
Delta R.T.: 0.061 min  
Response: 2868630  
Conc: 60.86 ng/ml



#7 AR-1016-5

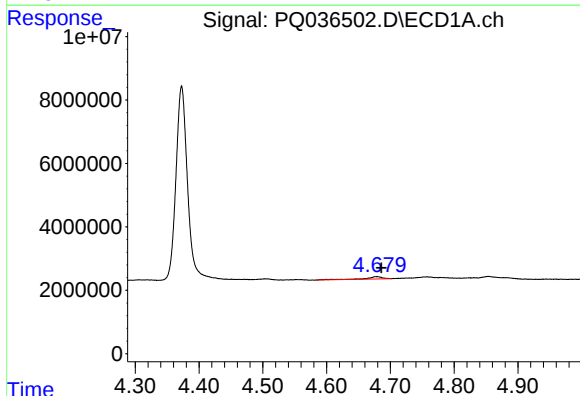
R.T.: 5.978 min  
Delta R.T.: -0.046 min  
Response: 1845674  
Conc: 18.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



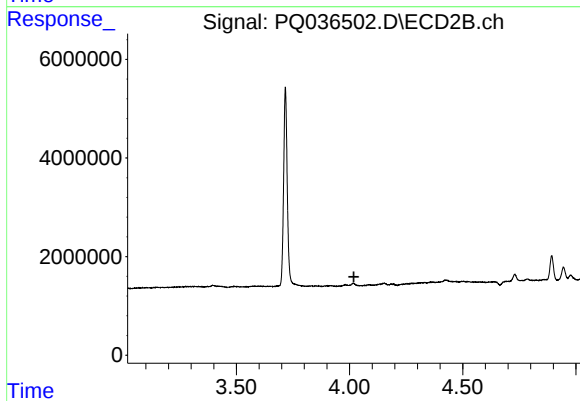
#7 AR-1016-5

R.T.: 5.196 min  
Delta R.T.: -0.047 min  
Response: 8796302  
Conc: 144.59 ng/ml



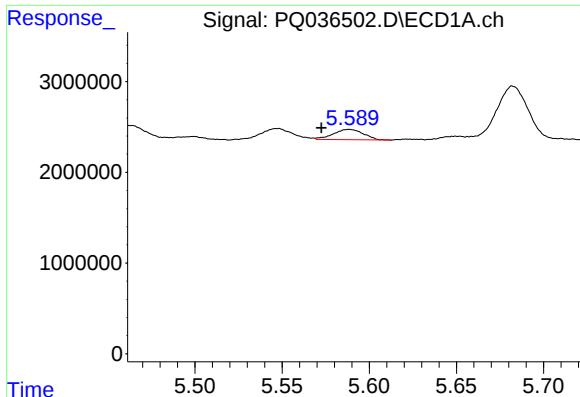
#9 AR-1221-2

R.T.: 4.678 min  
Delta R.T.: -0.008 min  
Response: 1284296  
Conc: 48.35 ng/ml



#9 AR-1221-2

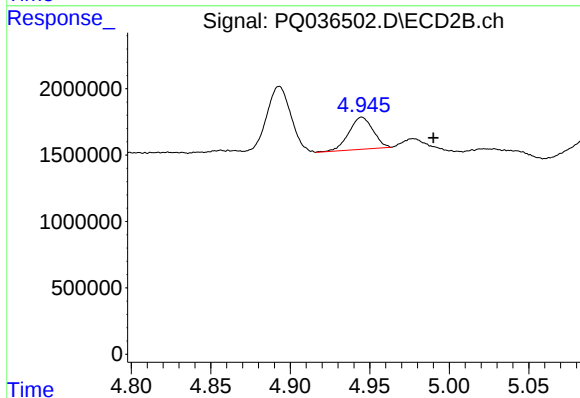
R.T.: 0.000 min  
Exp R.T.: 4.019 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

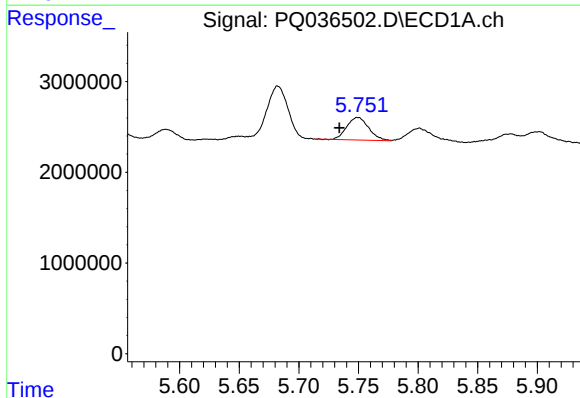
R.T.: 5.588 min  
Delta R.T.: 0.016 min  
Response: 1379203  
Conc: 17.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



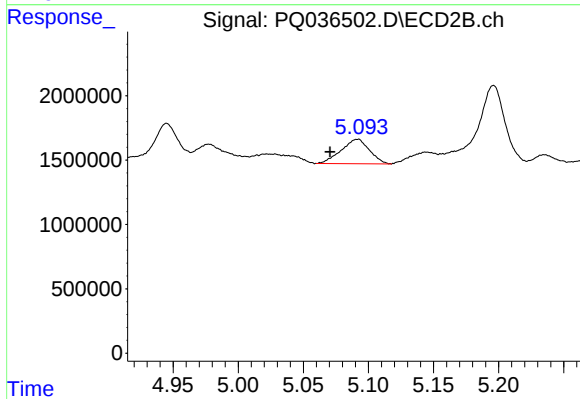
#13 AR-1232-3

R.T.: 4.945 min  
Delta R.T.: -0.045 min  
Response: 2563640  
Conc: 113.12 ng/ml



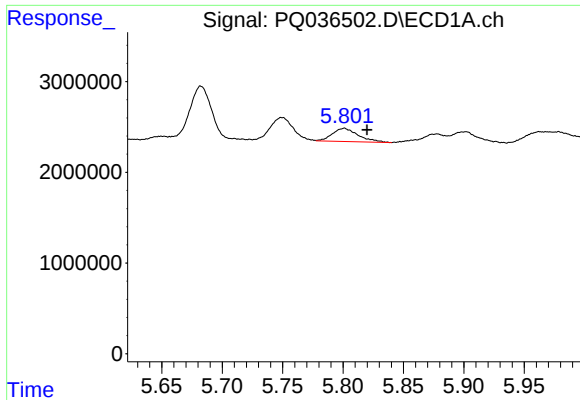
#14 AR-1232-4

R.T.: 5.750 min  
Delta R.T.: 0.016 min  
Response: 3187280  
Conc: 82.92 ng/ml



#14 AR-1232-4

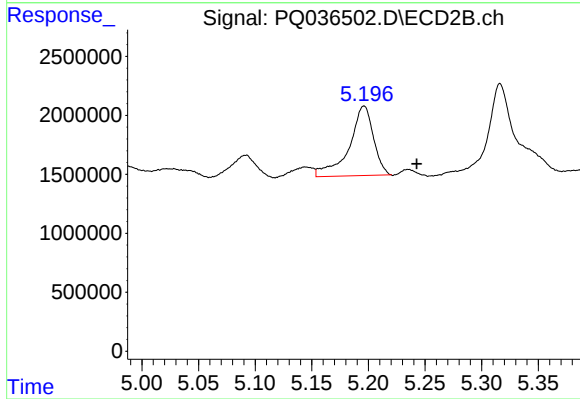
R.T.: 5.092 min  
Delta R.T.: 0.021 min  
Response: 2868630  
Conc: 139.37 ng/ml



#15 AR-1232-5

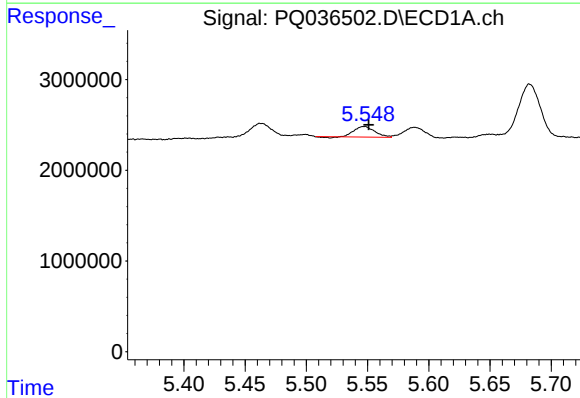
R.T.: 5.801 min  
Delta R.T.: -0.019 min  
Response: 2176842  
Conc: 76.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



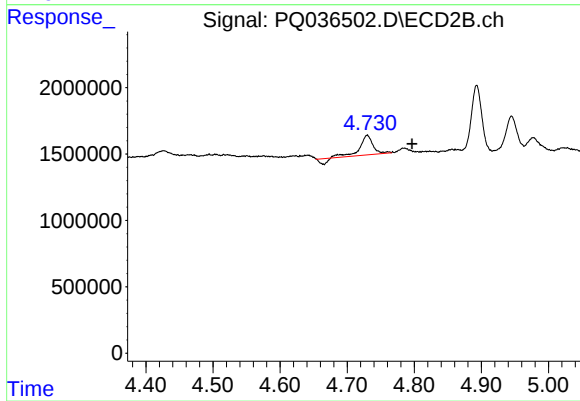
#15 AR-1232-5

R.T.: 5.196 min  
Delta R.T.: -0.047 min  
Response: 8796302  
Conc: 401.10 ng/ml



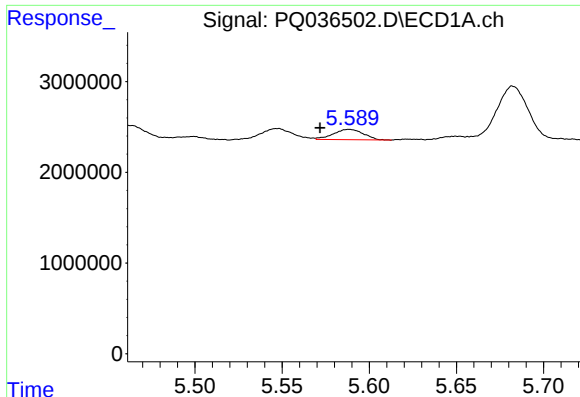
#16 AR-1242-1

R.T.: 5.547 min  
Delta R.T.: -0.003 min  
Response: 1354790  
Conc: 13.63 ng/ml



#16 AR-1242-1

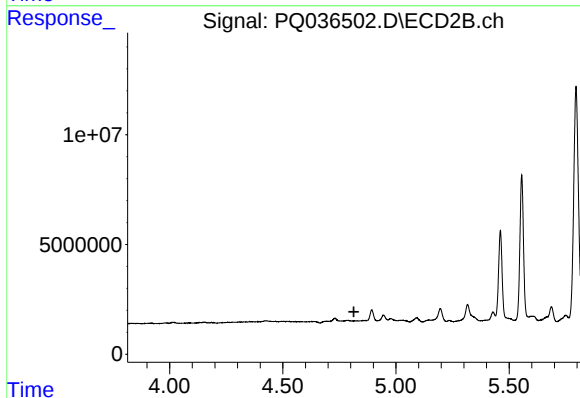
R.T.: 4.730 min  
Delta R.T.: -0.067 min  
Response: 1850054  
Conc: 32.09 ng/ml



#17 AR-1242-2

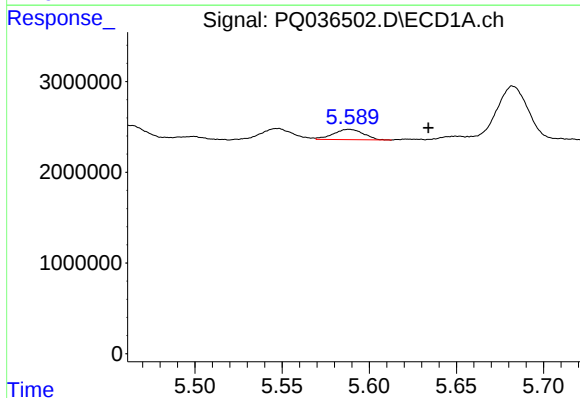
R.T.: 5.588 min  
Delta R.T.: 0.017 min  
Response: 1379203  
Conc: 9.13 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



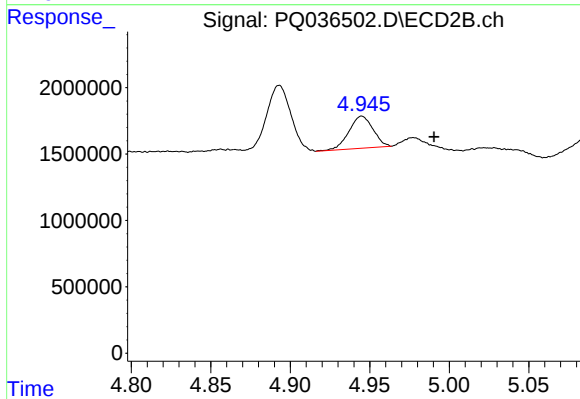
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.814 min  
Response: 0  
Conc: N.D.



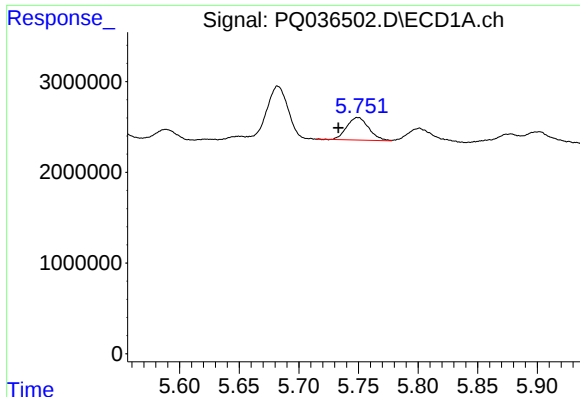
#18 AR-1242-3

R.T.: 5.588 min  
Delta R.T.: -0.046 min  
Response: 1379203  
Conc: 15.55 ng/ml



#18 AR-1242-3

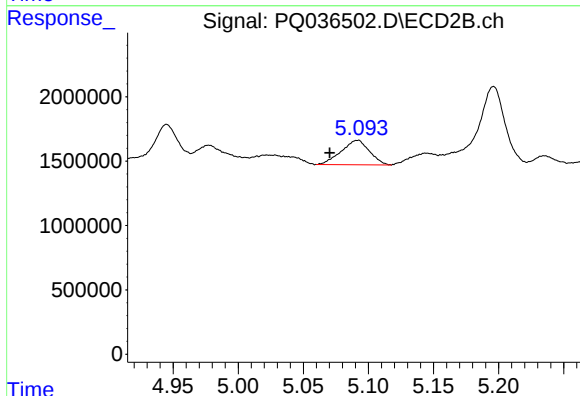
R.T.: 4.945 min  
Delta R.T.: -0.045 min  
Response: 2563640  
Conc: 59.97 ng/ml



#19 AR-1242-4

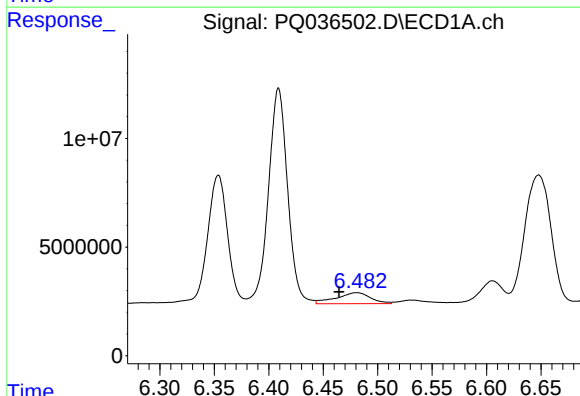
R.T.: 5.750 min  
Delta R.T.: 0.016 min  
Response: 3187280  
Conc: 43.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



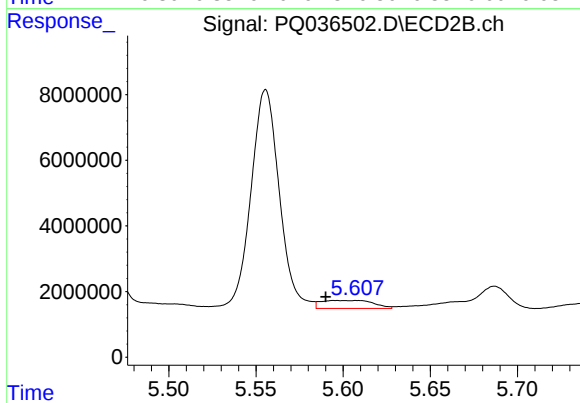
#19 AR-1242-4

R.T.: 5.092 min  
Delta R.T.: 0.021 min  
Response: 2868630  
Conc: 67.41 ng/ml



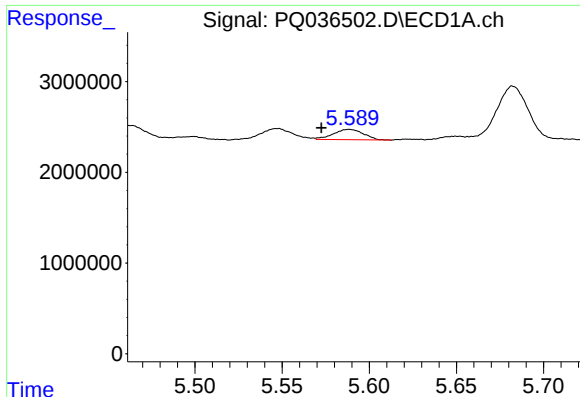
#20 AR-1242-5

R.T.: 6.481 min  
Delta R.T.: 0.016 min  
Response: 11106784  
Conc: 139.96 ng/ml



#20 AR-1242-5

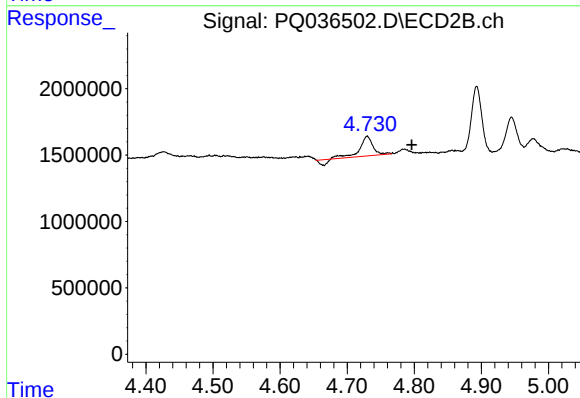
R.T.: 5.601 min  
Delta R.T.: 0.011 min  
Response: 5148842  
Conc: 94.79 ng/ml



#21 AR-1248-1

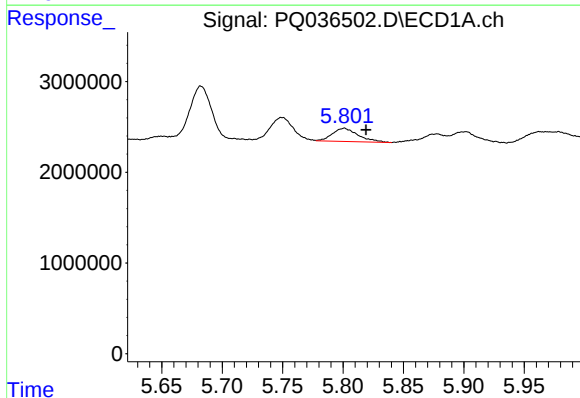
R.T.: 5.588 min  
Delta R.T.: 0.016 min  
Response: 1379203  
Conc: 13.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



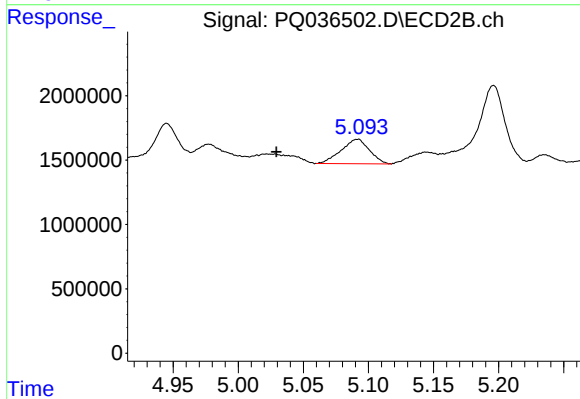
#21 AR-1248-1

R.T.: 4.730 min  
Delta R.T.: -0.066 min  
Response: 1850054  
Conc: 39.42 ng/ml



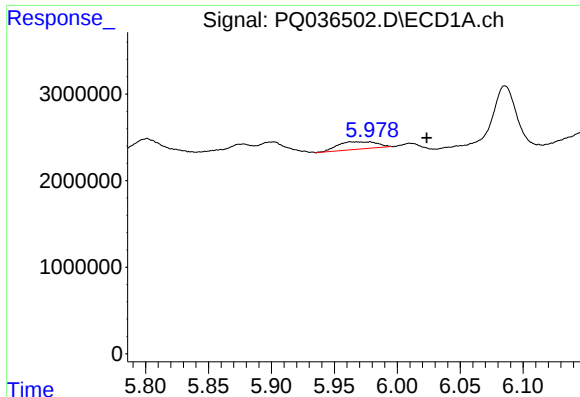
#22 AR-1248-2

R.T.: 5.801 min  
Delta R.T.: -0.018 min  
Response: 2176842  
Conc: 19.49 ng/ml



#22 AR-1248-2

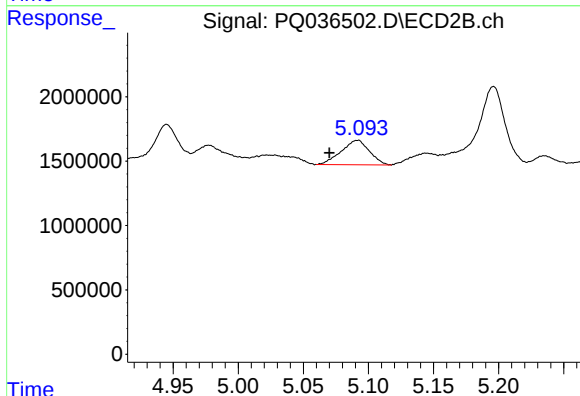
R.T.: 5.092 min  
Delta R.T.: 0.062 min  
Response: 2868630  
Conc: 45.71 ng/ml



#23 AR-1248-3

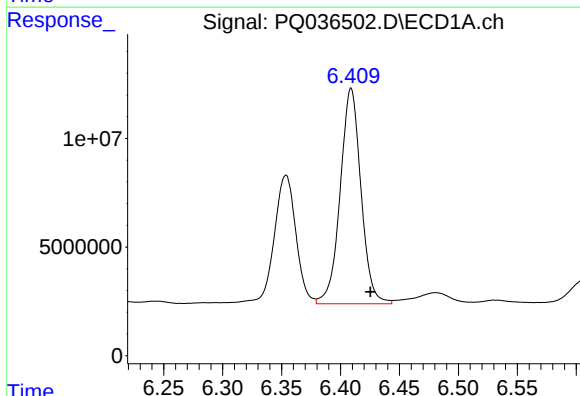
R.T.: 5.978 min  
Delta R.T.: -0.045 min  
Response: 1845674  
Conc: 14.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



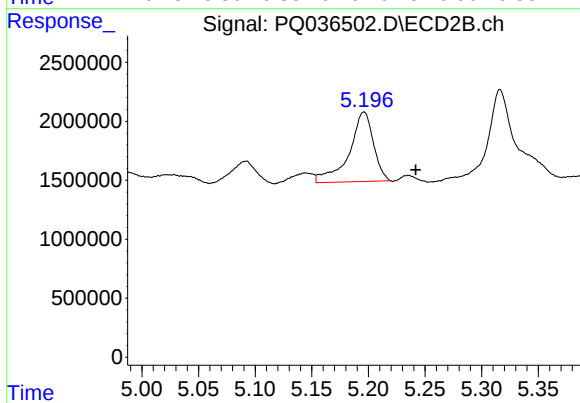
#23 AR-1248-3

R.T.: 5.092 min  
Delta R.T.: 0.022 min  
Response: 2868630  
Conc: 44.65 ng/ml



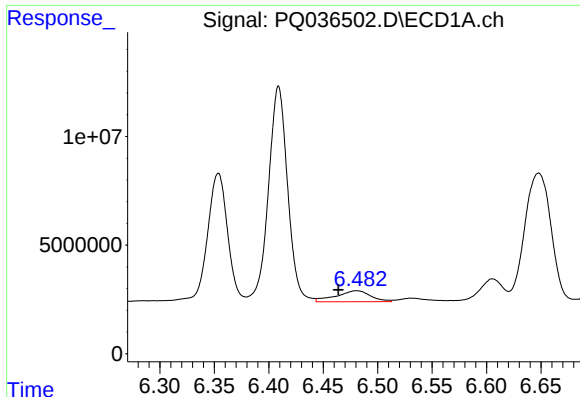
#24 AR-1248-4

R.T.: 6.409 min  
Delta R.T.: -0.016 min  
Response: 121629987  
Conc: 853.05 ng/ml



#24 AR-1248-4

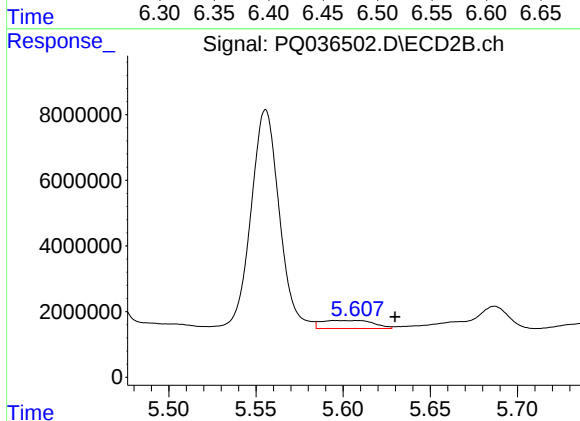
R.T.: 5.196 min  
Delta R.T.: -0.046 min  
Response: 8796302  
Conc: 114.51 ng/ml



#25 AR-1248-5

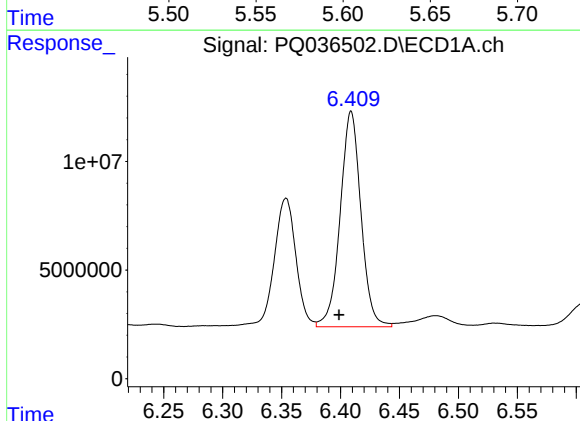
R.T.: 6.481 min  
Delta R.T.: 0.017 min  
Response: 11106784  
Conc: 81.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



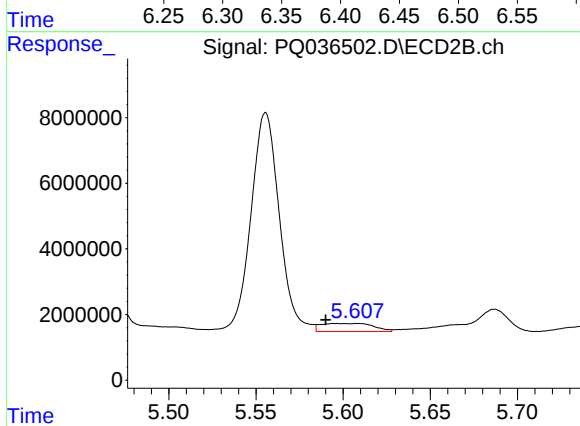
#25 AR-1248-5

R.T.: 5.601 min  
Delta R.T.: -0.029 min  
Response: 5148842  
Conc: 67.47 ng/ml



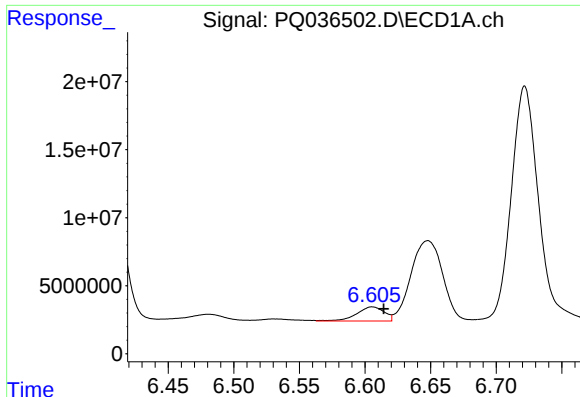
#26 AR-1254-1

R.T.: 6.409 min  
Delta R.T.: 0.010 min  
Response: 121629987  
Conc: 894.73 ng/ml



#26 AR-1254-1

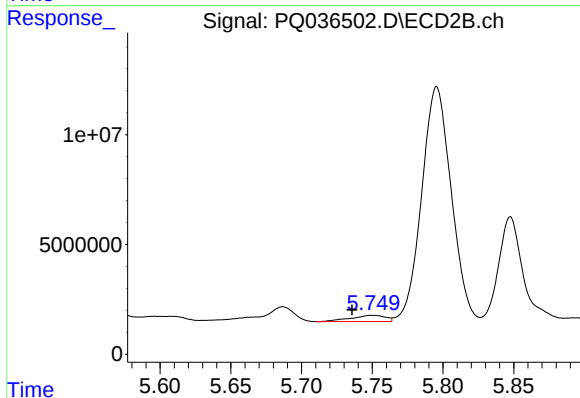
R.T.: 5.601 min  
Delta R.T.: 0.011 min  
Response: 5148842  
Conc: 49.23 ng/ml



#27 AR-1254-2

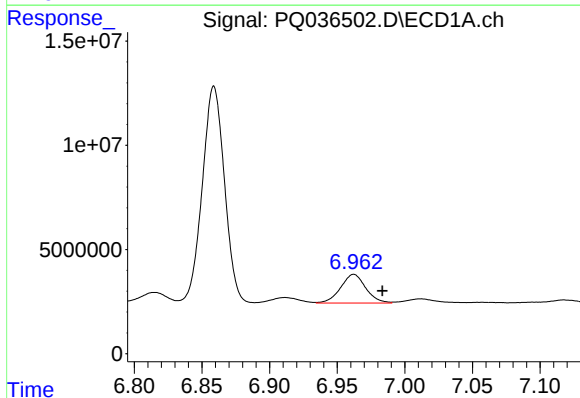
R.T.: 6.605 min  
Delta R.T.: -0.009 min  
Response: 15311859  
Conc: 72.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



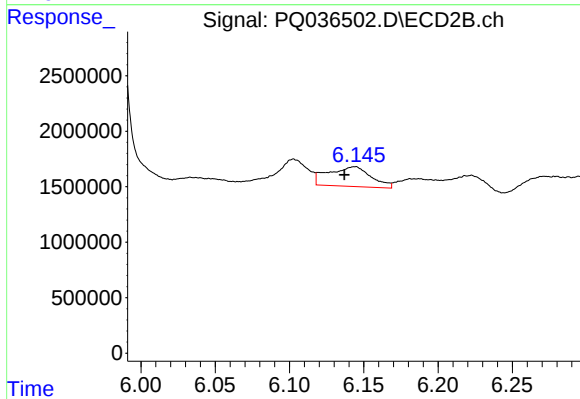
#27 AR-1254-2

R.T.: 5.750 min  
Delta R.T.: 0.014 min  
Response: 4845313  
Conc: 53.02 ng/ml



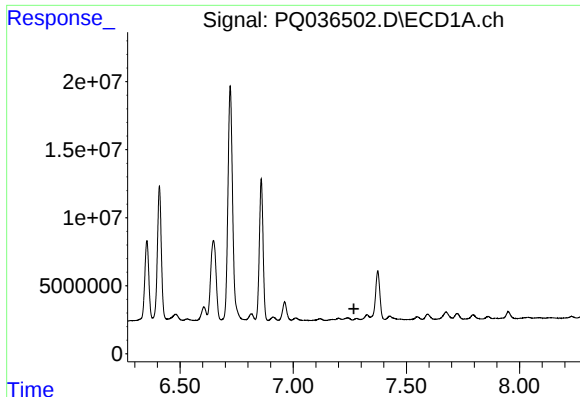
#28 AR-1254-3

R.T.: 6.962 min  
Delta R.T.: -0.021 min  
Response: 17776544  
Conc: 75.73 ng/ml



#28 AR-1254-3

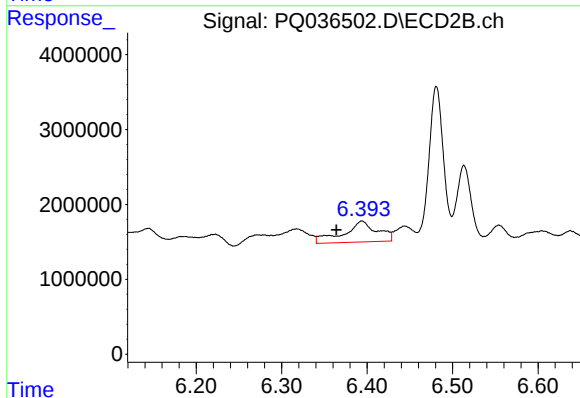
R.T.: 6.144 min  
Delta R.T.: 0.007 min  
Response: 3546181  
Conc: 22.27 ng/ml



#29 AR-1254-4

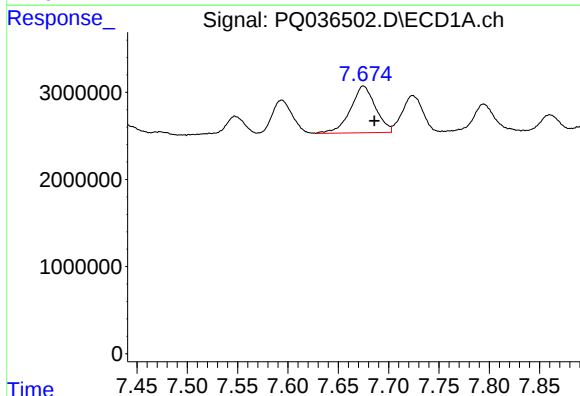
R.T.: 7.280 min  
Delta R.T.: 0.012 min  
Response: -173971  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



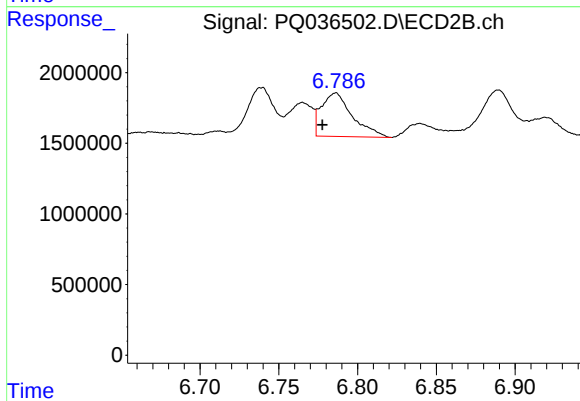
#29 AR-1254-4

R.T.: 6.394 min  
Delta R.T.: 0.030 min  
Response: 7664894  
Conc: 73.02 ng/ml



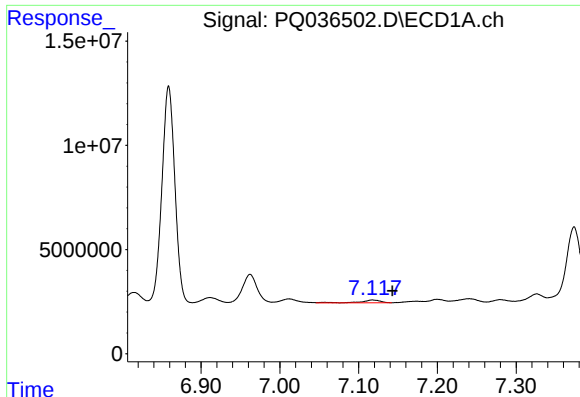
#30 AR-1254-5

R.T.: 7.675 min  
Delta R.T.: -0.011 min  
Response: 9285691  
Conc: 45.34 ng/ml



#30 AR-1254-5

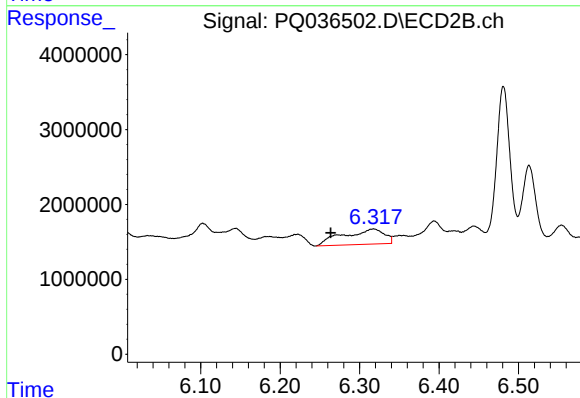
R.T.: 6.786 min  
Delta R.T.: 0.008 min  
Response: 4216316  
Conc: 29.03 ng/ml



#31 AR-1260-1

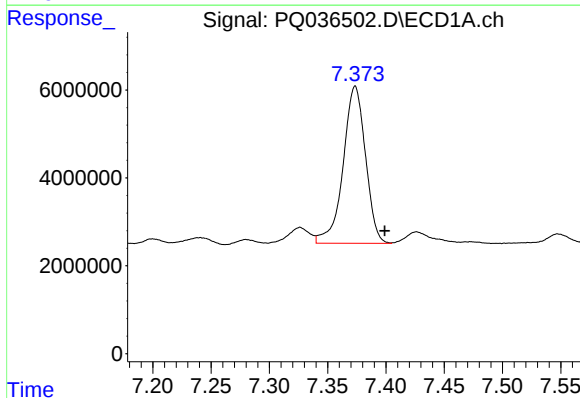
R.T.: 7.118 min  
Delta R.T.: -0.025 min  
Response: 2303185  
Conc: 12.10 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



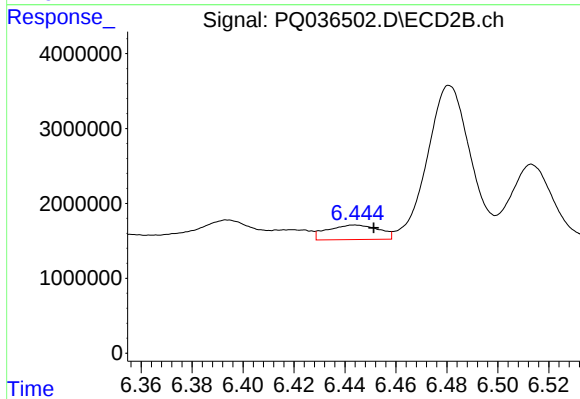
#31 AR-1260-1

R.T.: 6.318 min  
Delta R.T.: 0.054 min  
Response: 7325271  
Conc: 61.52 ng/ml



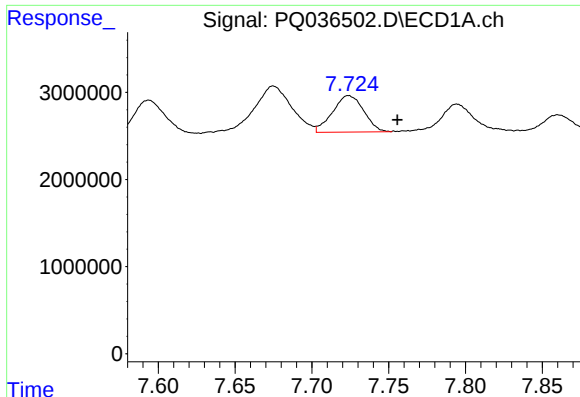
#32 AR-1260-2

R.T.: 7.374 min  
Delta R.T.: -0.025 min  
Response: 47718628  
Conc: 207.93 ng/ml



#32 AR-1260-2

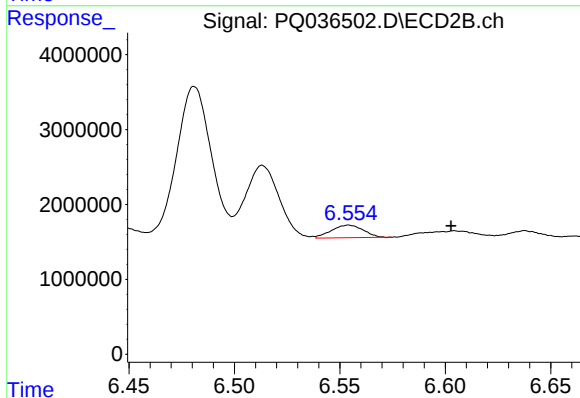
R.T.: 6.444 min  
Delta R.T.: -0.007 min  
Response: 2741791  
Conc: 19.10 ng/ml



#33 AR-1260-3

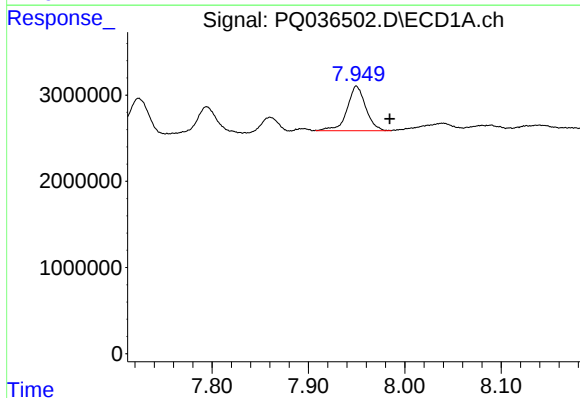
R.T.: 7.724 min  
Delta R.T.: -0.032 min  
Response: 5900533  
Conc: 41.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



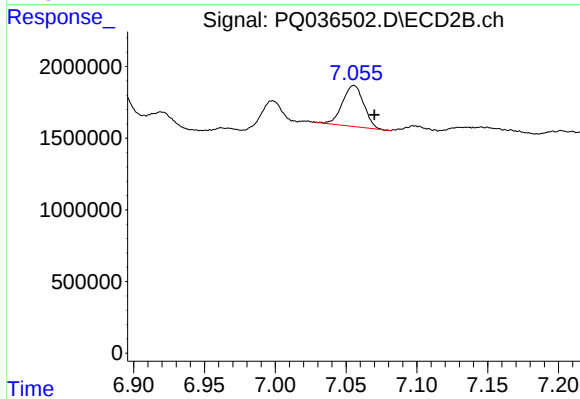
#33 AR-1260-3

R.T.: 6.554 min  
Delta R.T.: -0.048 min  
Response: 1763492  
Conc: 13.36 ng/ml



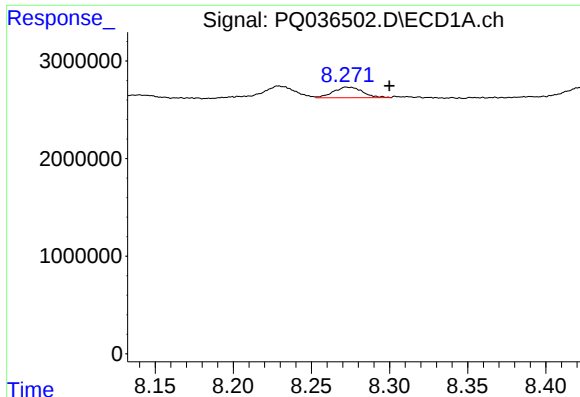
#34 AR-1260-4

R.T.: 7.950 min  
Delta R.T.: -0.035 min  
Response: 6906569  
Conc: 40.06 ng/ml



#34 AR-1260-4

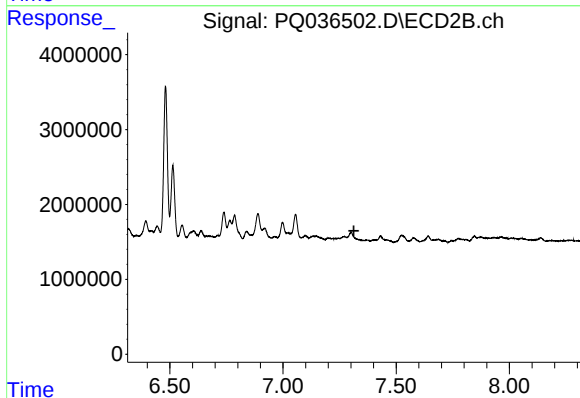
R.T.: 7.056 min  
Delta R.T.: -0.014 min  
Response: 2998949  
Conc: 33.36 ng/ml



#35 AR-1260-5

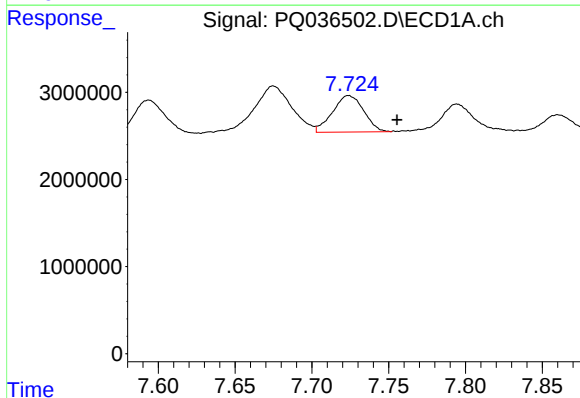
R.T.: 8.273 min  
Delta R.T.: -0.027 min  
Response: 1400854  
Conc: 4.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



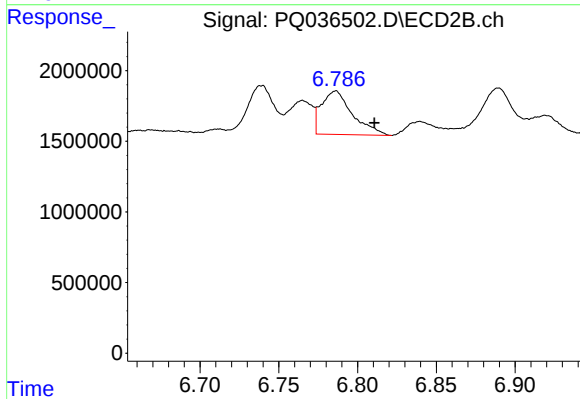
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.313 min  
Response: 0  
Conc: N.D.



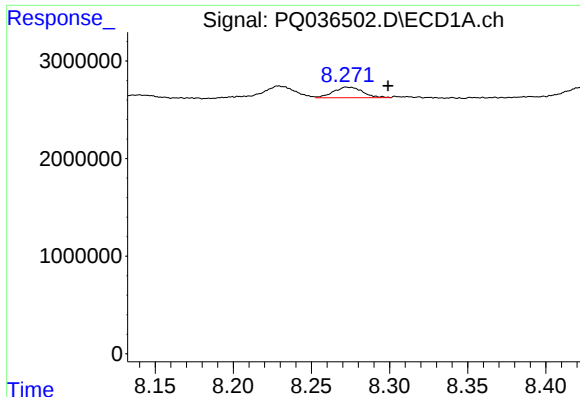
#36 AR-1262-1

R.T.: 7.724 min  
Delta R.T.: -0.032 min  
Response: 5900533  
Conc: 25.18 ng/ml



#36 AR-1262-1

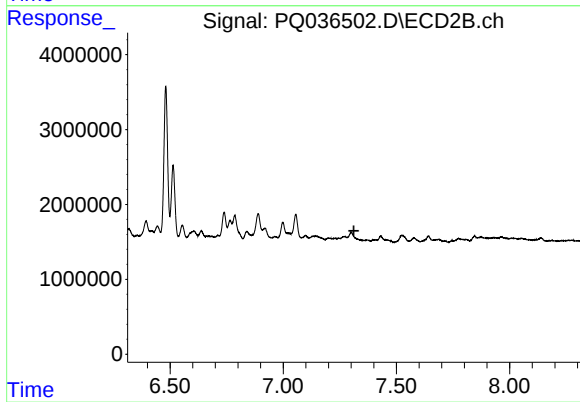
R.T.: 6.786 min  
Delta R.T.: -0.024 min  
Response: 4216316  
Conc: 27.35 ng/ml



#37 AR-1262-2

R.T.: 8.273 min  
Delta R.T.: -0.026 min  
Response: 1400854  
Conc: 3.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
WC-02-011519



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.312 min  
Response: 0  
Conc: N.D.