

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111418\  
 Data File : PQ034568.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Nov 2018 05:26  
 Operator : SM\SJ  
 Sample : J5916-16  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 06:22:38 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... | 4.541  | 3.824 | 59267942 | 39032139 | 20.219 | 20.450    |
| 2)                          | SA Decachlor... | 10.334 | 8.851 | 51931727 | 37606055 | 20.231 | 19.137    |
|                             |                 |        |       |          |          |        |           |
| Target Compounds            |                 |        |       |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.938 | 0        | 3093764  | N.D.   | 43.798 #  |
| 4)                          | L1 AR-1016-2    | 5.809  | 4.938 | 3194305  | 3093764  | 22.630 | 30.689 #  |
| 5)                          | L1 AR-1016-3    | 5.809  | 5.108 | 3194305  | 2292770  | 37.592 | 44.646    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.108 | 0        | 2292770  | N.D.   | 55.711 #  |
| 7)                          | L1 AR-1016-5    | 6.211  | 5.434 | 5025770  | 1515693  | 71.247 | 28.420 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.991 | 0        | 1977640  | N.D.   | 94.361 #  |
| 10)                         | L2 AR-1221-3    | 4.933  | 4.265 | 4471941  | 3315391  | 65.822 | 64.955    |
| 11)                         | L3 AR-1232-1    | 4.933  | 4.265 | 4471941  | 3315391  | 86.766 | 87.623    |
| 12)                         | L3 AR-1232-2    | 5.484  | 4.938 | 1008207  | 3093764  | 35.893 | 77.842 #  |
| 13)                         | L3 AR-1232-3    | 5.809  | 5.108 | 3194305  | 2292770  | 56.209 | 111.441 # |
| 15)                         | L3 AR-1232-5    | 6.014  | 5.434 | 1629248  | 1515693  | 81.175 | 75.003    |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.938 | 0        | 3093764  | N.D.   | 55.978 #  |
| 17)                         | L4 AR-1242-2    | 5.809  | 4.938 | 3194305  | 3093764  | 27.323 | 38.693 #  |
| 18)                         | L4 AR-1242-3    | 5.809  | 5.108 | 3194305  | 2292770  | 45.158 | 55.540    |
| 19)                         | L4 AR-1242-4    | 5.982  | 0.000 | 1409604  | 0        | 24.554 | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.620  | 5.692 | 3519180  | 1886244  | 54.447 | 36.125 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.938 | 0        | 3093764  | N.D.   | 66.726 #  |
| 22)                         | L5 AR-1248-2    | 6.014  | 5.108 | 1629248  | 2292770  | 17.477 | 36.546 #  |
| 23)                         | L5 AR-1248-3    | 6.211  | 0.000 | 5025770  | 0        | 47.087 | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.620  | 5.434 | 3519180  | 1515693  | 28.959 | 19.020 #  |
| 25)                         | L5 AR-1248-5    | 6.620  | 0.000 | 3519180  | 0        | 30.117 | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.620  | 5.692 | 3519180  | 1886244  | 31.138 | 16.314 #  |
| 27)                         | L6 AR-1254-2    | 6.815  | 0.000 | 1793796  | 0        | 10.002 | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.472  | 0.000 | 2191868  | 0        | 15.316 | N.D. #    |
| 31)                         | L7 AR-1260-1    | 7.386  | 6.397 | 7855253  | 5070330  | 56.972 | 44.056    |
| 32)                         | L7 AR-1260-2    | 7.636  | 6.578 | 3440408  | 2499111  | 19.989 | 17.602    |
| 33)                         | L7 AR-1260-3    | 7.963  | 0.000 | 1639155  | 0        | 16.092 | N.D. #    |
| 34)                         | L7 AR-1260-4    | 8.143  | 0.000 | 1828564  | 0        | 14.075 | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.521  | 7.437 | 4331325  | 2349973  | 17.367 | 10.112 #  |
| 36)                         | L8 AR-1262-1    | 7.963  | 0.000 | 1639155  | 0        | 8.898  | N.D. #    |
| 37)                         | L8 AR-1262-2    | 8.521  | 7.437 | 4331325  | 2349973  | 12.734 | 8.155 #   |
| -----                       |                 |        |       |          |          |        |           |

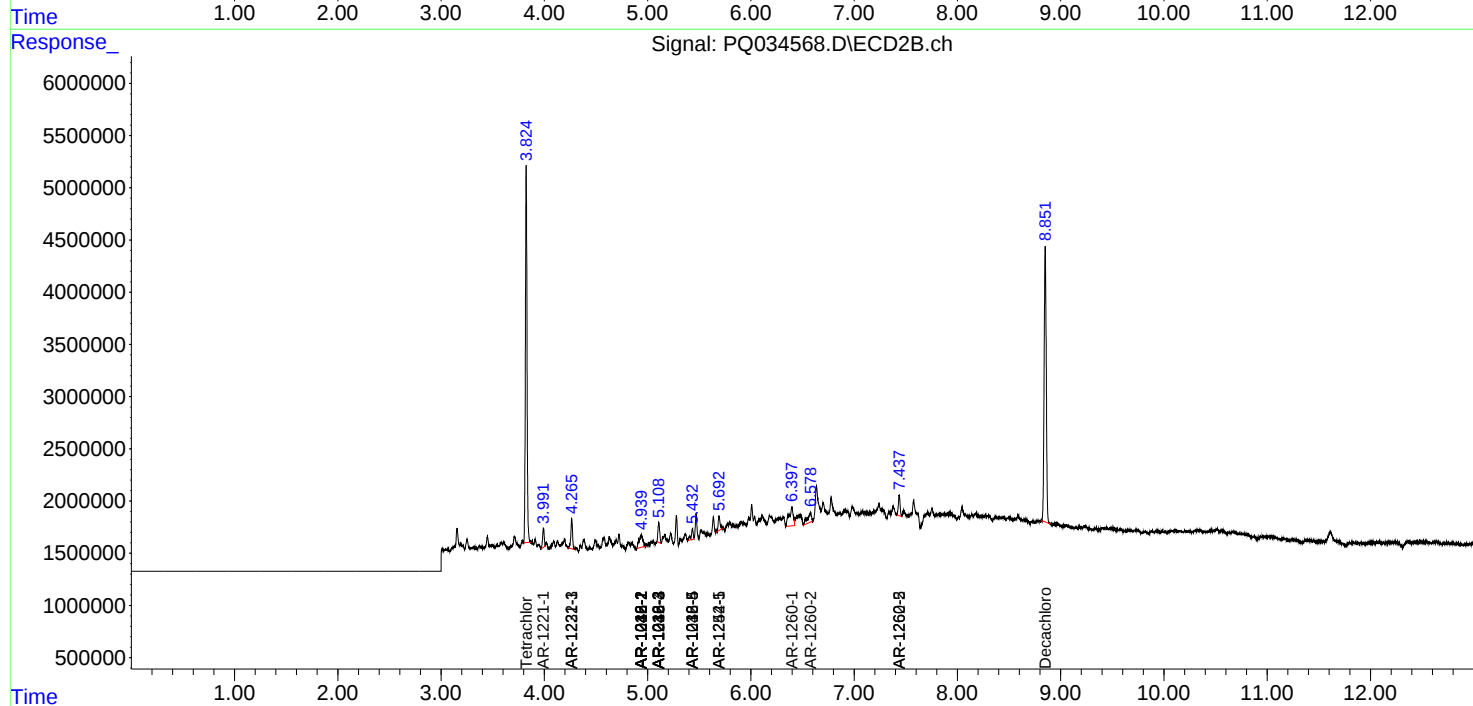
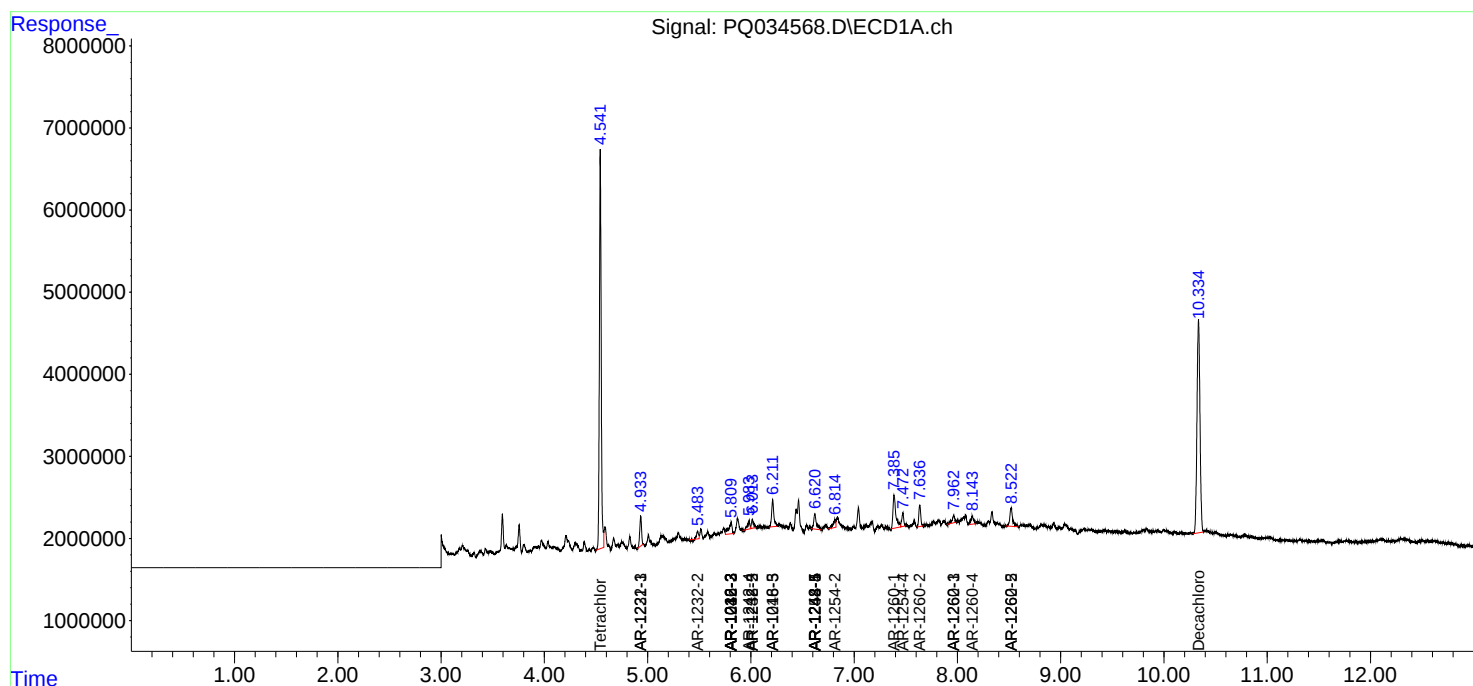
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

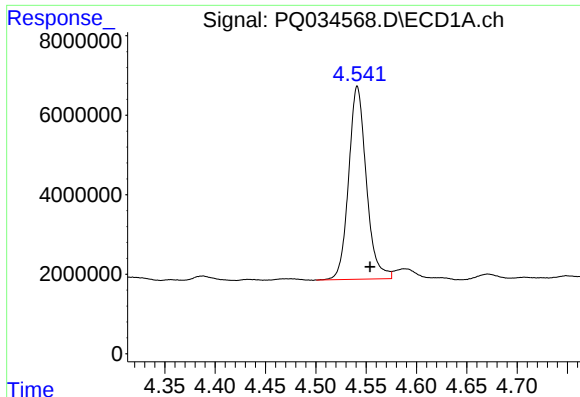
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ111418\  
Data File : PQ034568.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2018 05:26  
Operator : SM\SJ  
Sample : J5916-16  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 06:22:38 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

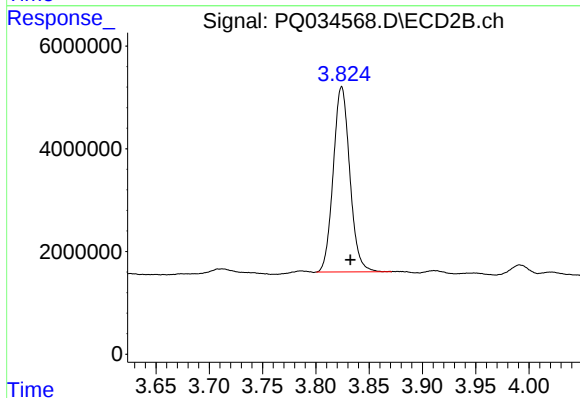




#1 Tetrachloro-m-xylene

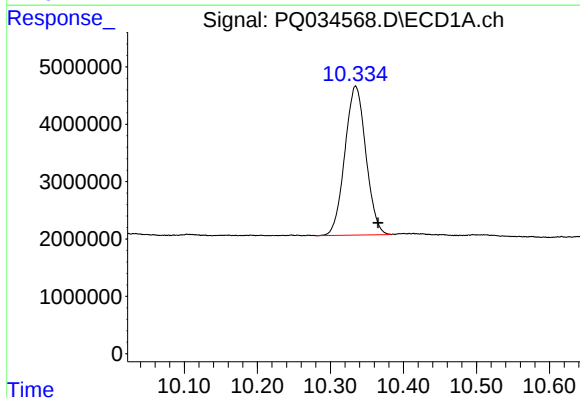
R.T.: 4.541 min  
Delta R.T.: -0.013 min  
Response: 59267942  
Conc: 20.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



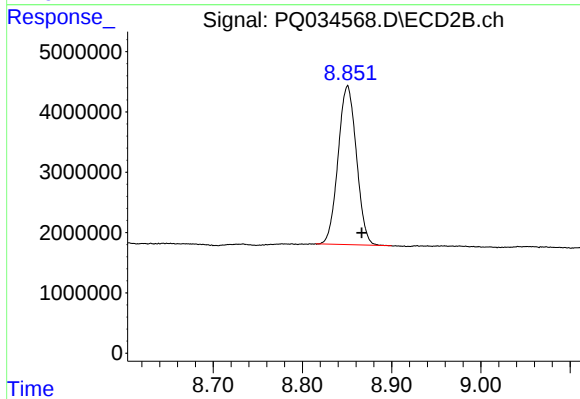
#1 Tetrachloro-m-xylene

R.T.: 3.824 min  
Delta R.T.: -0.008 min  
Response: 39032139  
Conc: 20.45 ng/ml



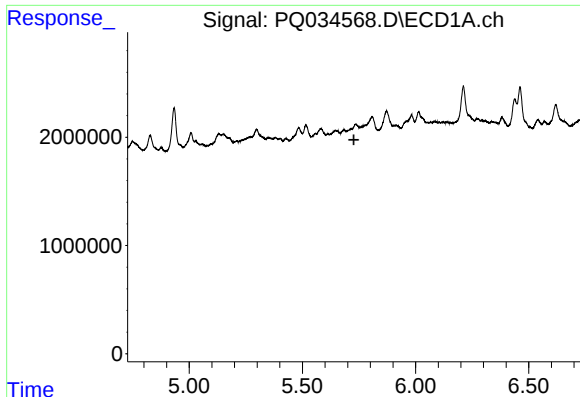
#2 Decachlorobiphenyl

R.T.: 10.334 min  
Delta R.T.: -0.031 min  
Response: 51931727  
Conc: 20.23 ng/ml



#2 Decachlorobiphenyl

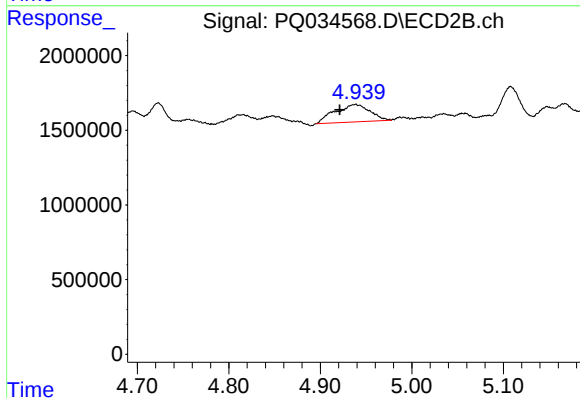
R.T.: 8.851 min  
Delta R.T.: -0.016 min  
Response: 37606055  
Conc: 19.14 ng/ml



#3 AR-1016-1

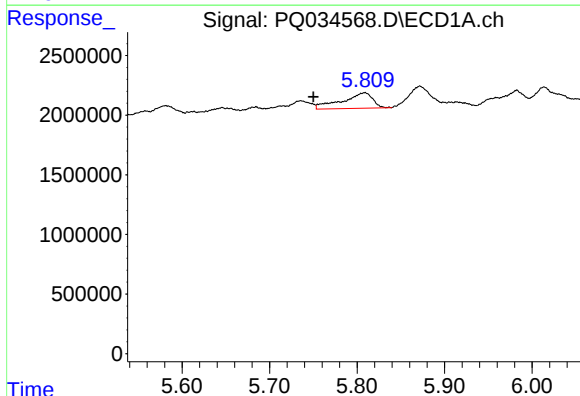
R.T.: 0.000 min  
Exp R.T.: 5.728 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



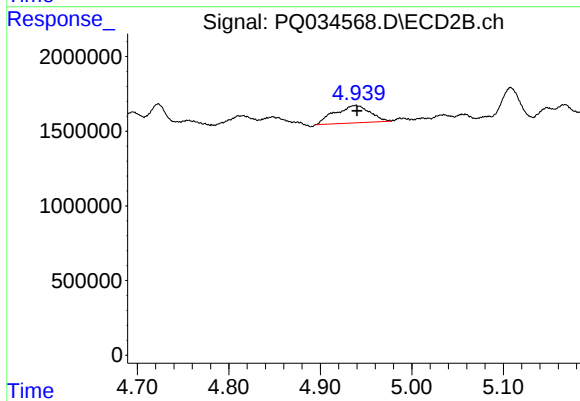
#3 AR-1016-1

R.T.: 4.938 min  
Delta R.T.: 0.017 min  
Response: 3093764  
Conc: 43.80 ng/ml



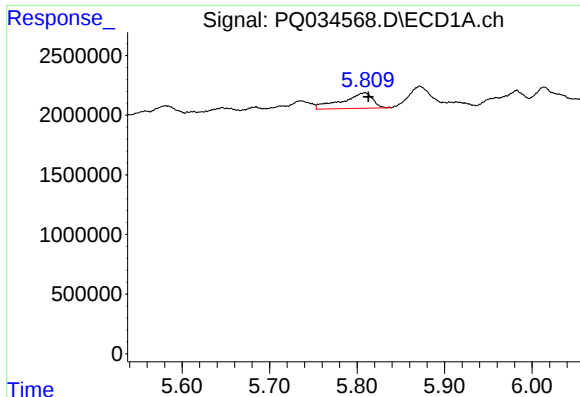
#4 AR-1016-2

R.T.: 5.809 min  
Delta R.T.: 0.059 min  
Response: 3194305  
Conc: 22.63 ng/ml



#4 AR-1016-2

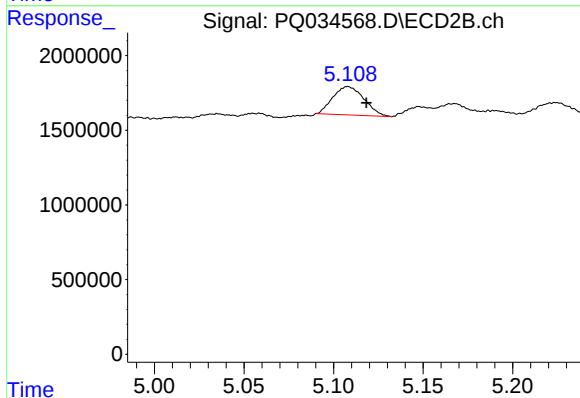
R.T.: 4.938 min  
Delta R.T.: -0.002 min  
Response: 3093764  
Conc: 30.69 ng/ml



#5 AR-1016-3

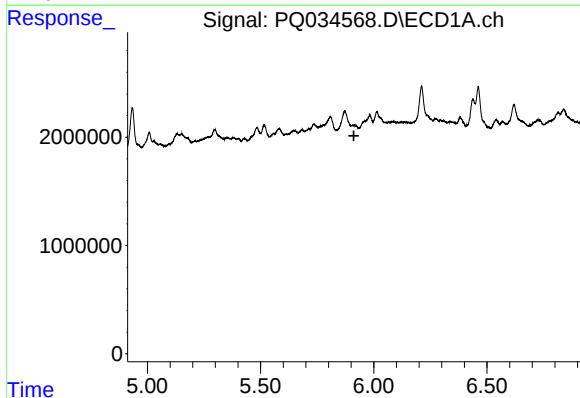
R.T.: 5.809 min  
Delta R.T.: -0.004 min  
Response: 3194305  
Conc: 37.59 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



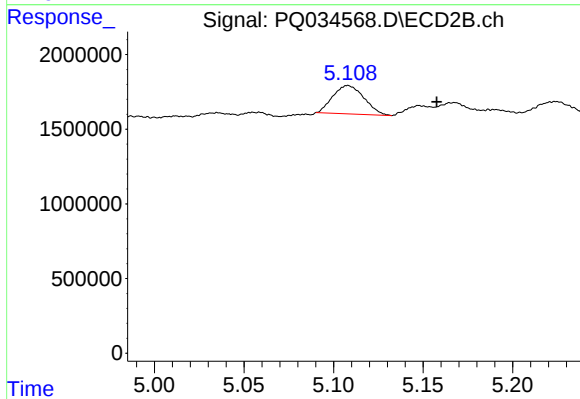
#5 AR-1016-3

R.T.: 5.108 min  
Delta R.T.: -0.010 min  
Response: 2292770  
Conc: 44.65 ng/ml



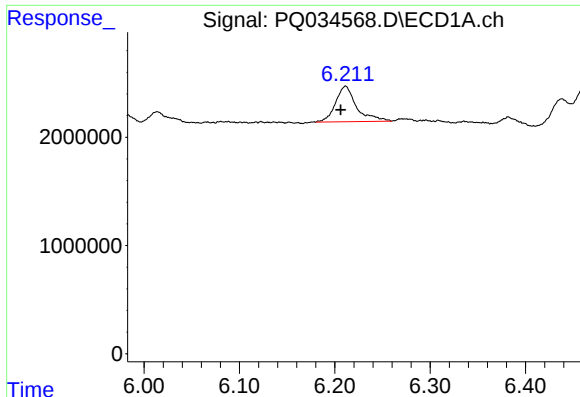
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.912 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

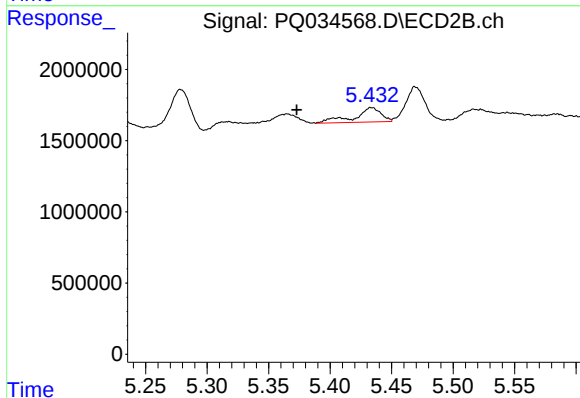
R.T.: 5.108 min  
Delta R.T.: -0.050 min  
Response: 2292770  
Conc: 55.71 ng/ml



#7 AR-1016-5

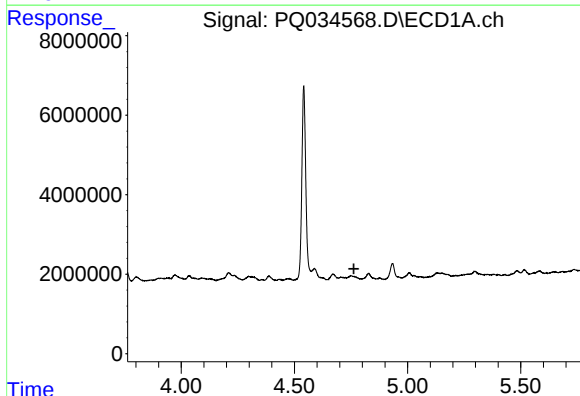
R.T.: 6.211 min  
Delta R.T.: 0.005 min  
Response: 5025770  
Conc: 71.25 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



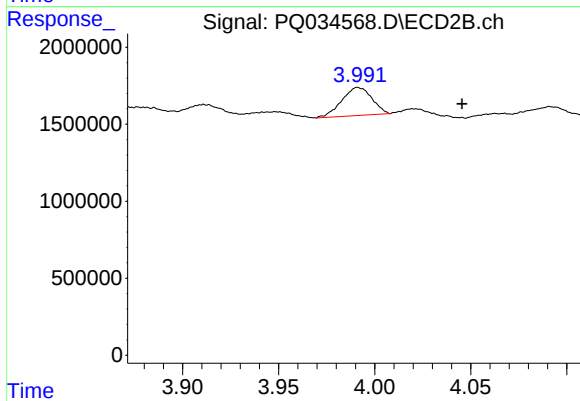
#7 AR-1016-5

R.T.: 5.434 min  
Delta R.T.: 0.061 min  
Response: 1515693  
Conc: 28.42 ng/ml



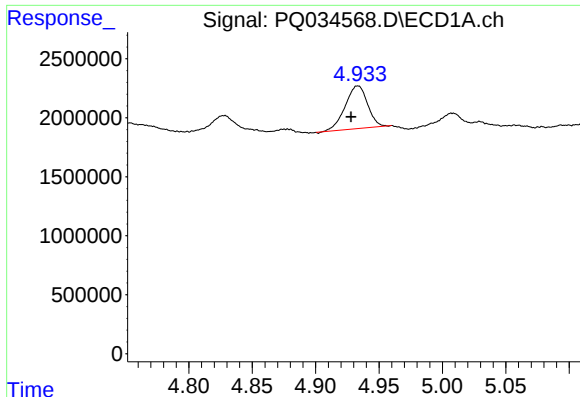
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.763 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

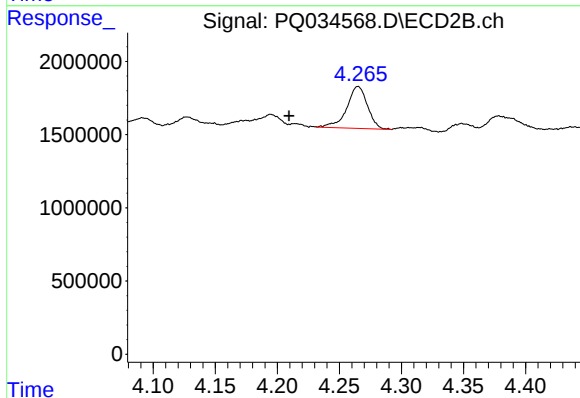
R.T.: 3.991 min  
Delta R.T.: -0.054 min  
Response: 1977640  
Conc: 94.36 ng/ml



#10 AR-1221-3

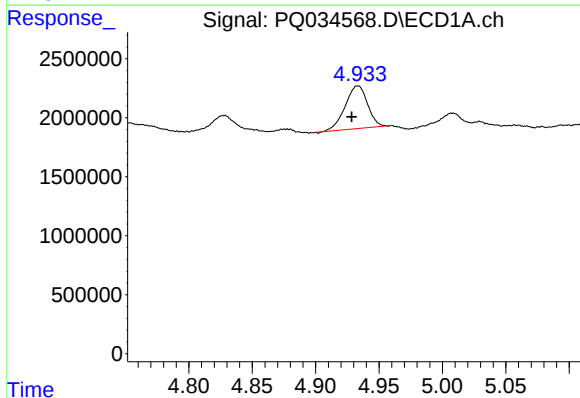
R.T.: 4.933 min  
Delta R.T.: 0.005 min  
Response: 4471941  
Conc: 65.82 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



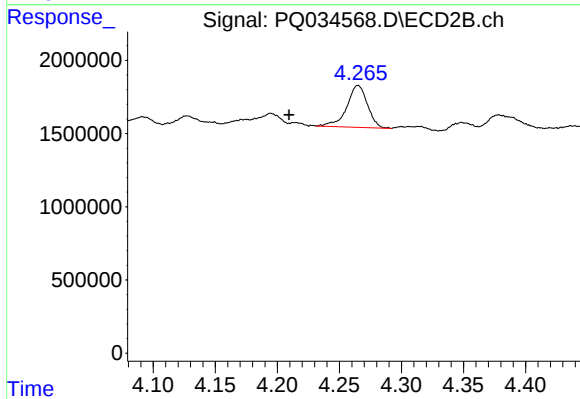
#10 AR-1221-3

R.T.: 4.265 min  
Delta R.T.: 0.056 min  
Response: 3315391  
Conc: 64.95 ng/ml



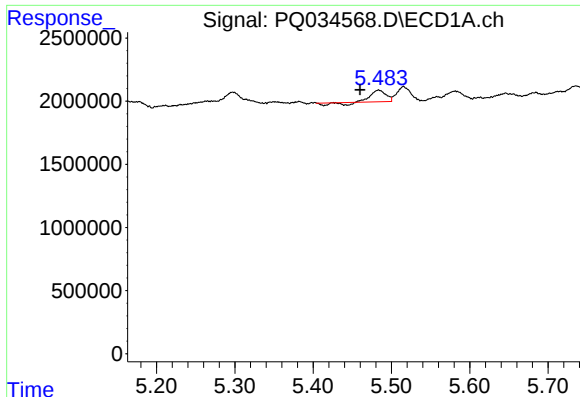
#11 AR-1232-1

R.T.: 4.933 min  
Delta R.T.: 0.005 min  
Response: 4471941  
Conc: 86.77 ng/ml



#11 AR-1232-1

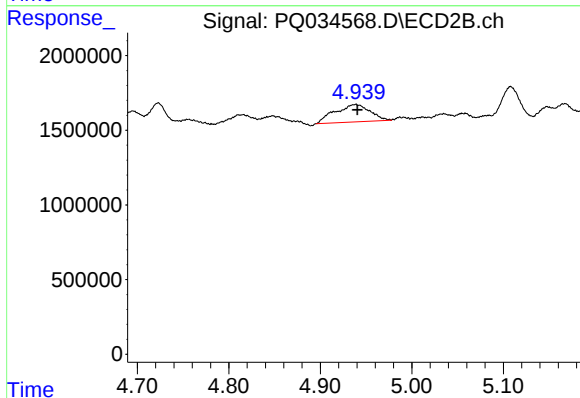
R.T.: 4.265 min  
Delta R.T.: 0.056 min  
Response: 3315391  
Conc: 87.62 ng/ml



#12 AR-1232-2

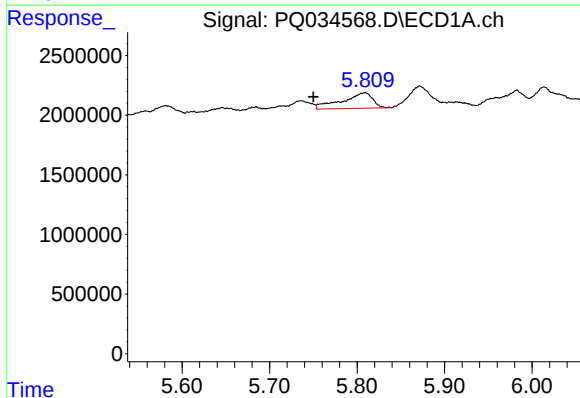
R.T.: 5.484 min  
Delta R.T.: 0.024 min  
Response: 1008207  
Conc: 35.89 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



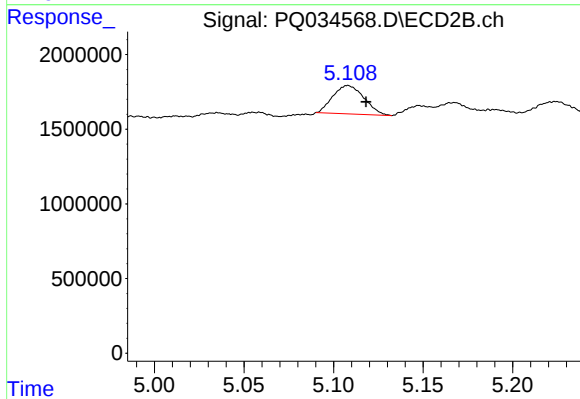
#12 AR-1232-2

R.T.: 4.938 min  
Delta R.T.: -0.002 min  
Response: 3093764  
Conc: 77.84 ng/ml



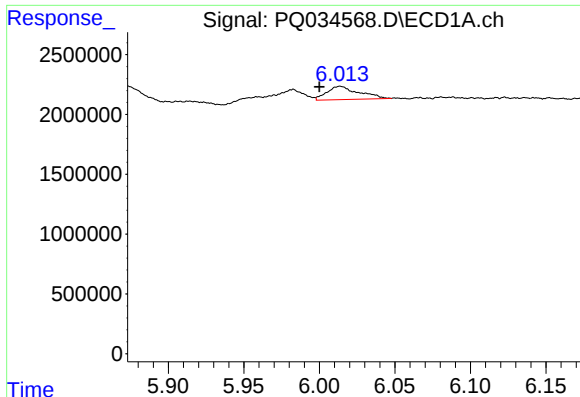
#13 AR-1232-3

R.T.: 5.809 min  
Delta R.T.: 0.059 min  
Response: 3194305  
Conc: 56.21 ng/ml



#13 AR-1232-3

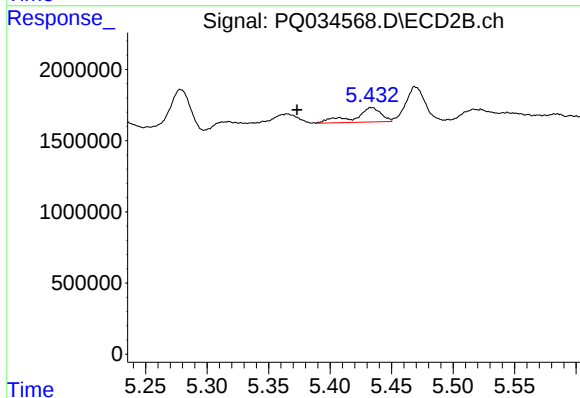
R.T.: 5.108 min  
Delta R.T.: -0.010 min  
Response: 2292770  
Conc: 111.44 ng/ml



#15 AR-1232-5

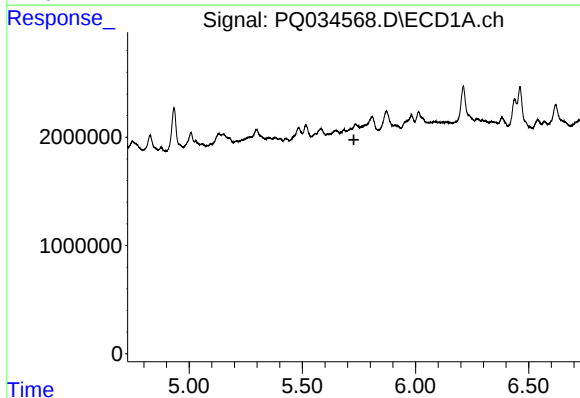
R.T.: 6.014 min  
Delta R.T.: 0.014 min  
Response: 1629248  
Conc: 81.18 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



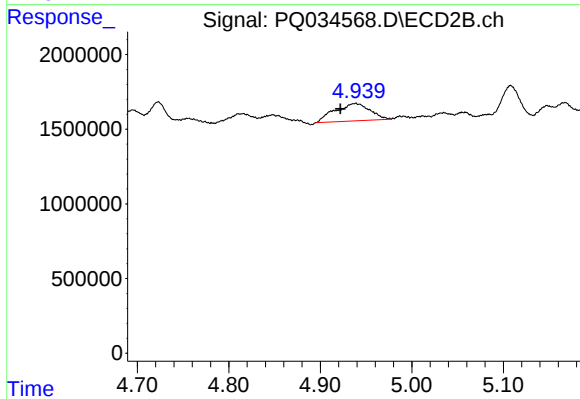
#15 AR-1232-5

R.T.: 5.434 min  
Delta R.T.: 0.061 min  
Response: 1515693  
Conc: 75.00 ng/ml



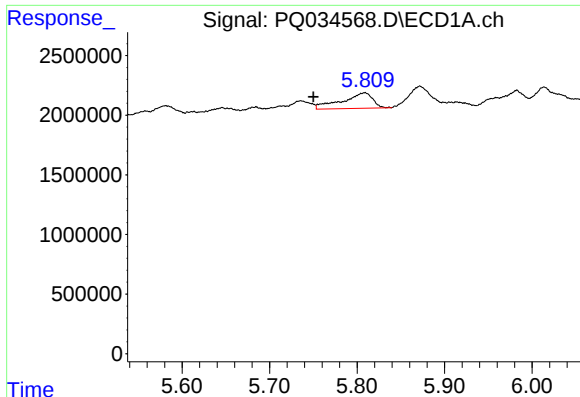
#16 AR-1242-1

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



#16 AR-1242-1

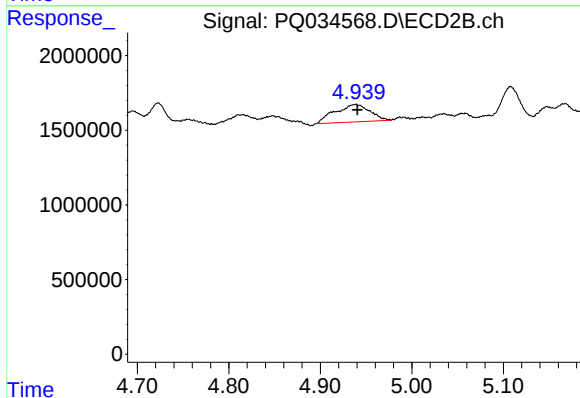
R.T.: 4.938 min  
Delta R.T.: 0.016 min  
Response: 3093764  
Conc: 55.98 ng/ml



#17 AR-1242-2

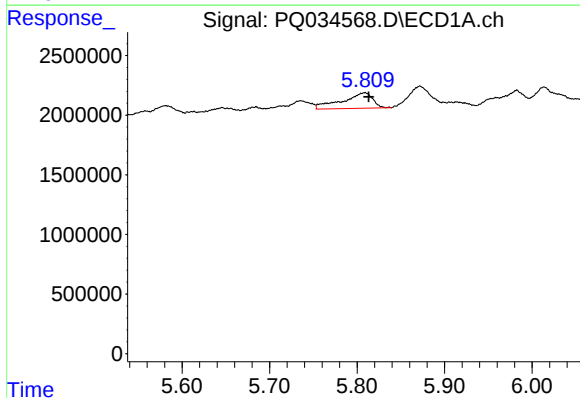
R.T.: 5.809 min  
Delta R.T.: 0.059 min  
Response: 3194305  
Conc: 27.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



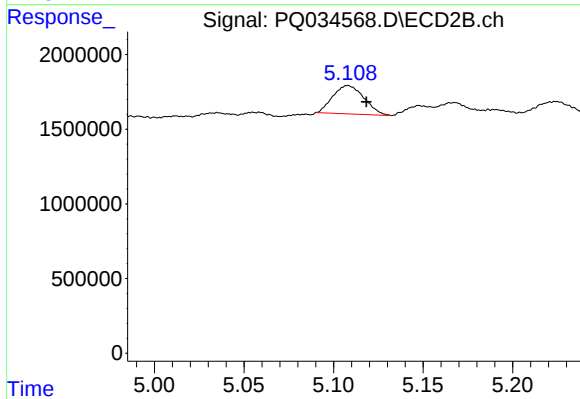
#17 AR-1242-2

R.T.: 4.938 min  
Delta R.T.: -0.002 min  
Response: 3093764  
Conc: 38.69 ng/ml



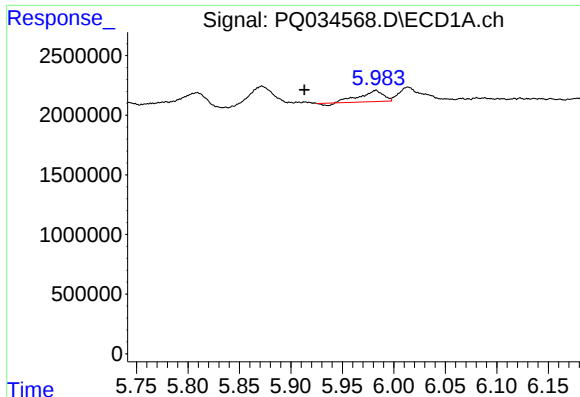
#18 AR-1242-3

R.T.: 5.809 min  
Delta R.T.: -0.004 min  
Response: 3194305  
Conc: 45.16 ng/ml



#18 AR-1242-3

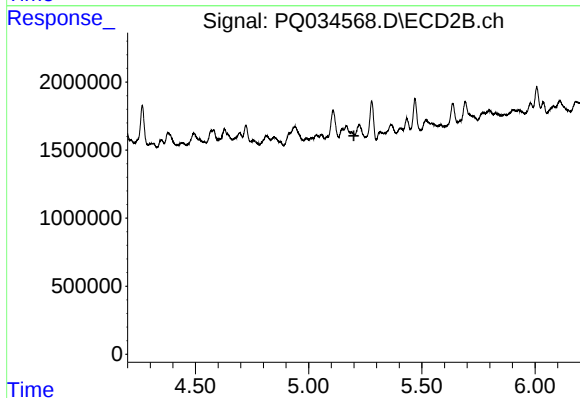
R.T.: 5.108 min  
Delta R.T.: -0.010 min  
Response: 2292770  
Conc: 55.54 ng/ml



#19 AR-1242-4

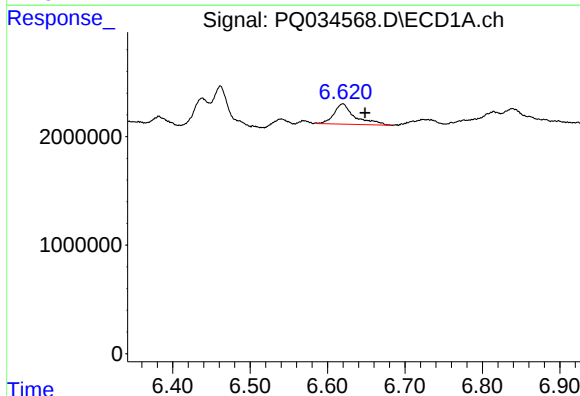
R.T.: 5.982 min  
Delta R.T.: 0.070 min  
Response: 1409604  
Conc: 24.55 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



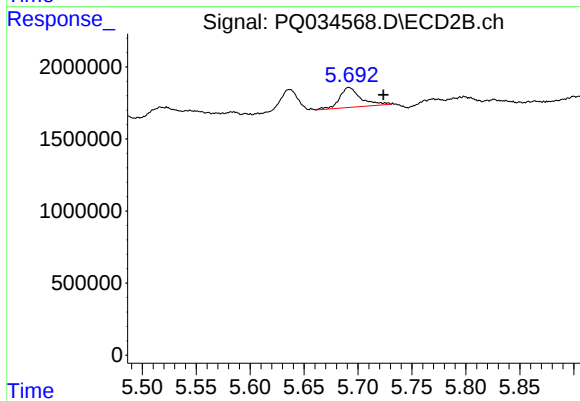
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.200 min  
Response: 0  
Conc: N.D.



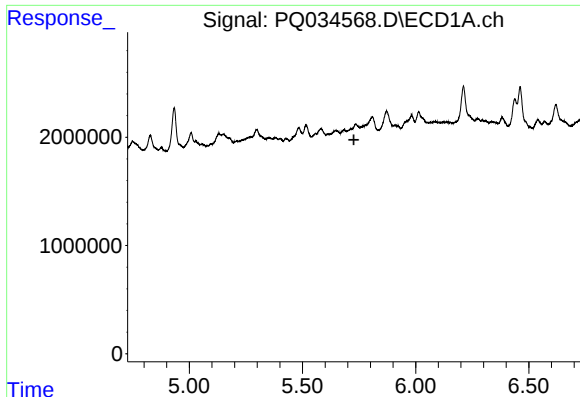
#20 AR-1242-5

R.T.: 6.620 min  
Delta R.T.: -0.029 min  
Response: 3519180  
Conc: 54.45 ng/ml



#20 AR-1242-5

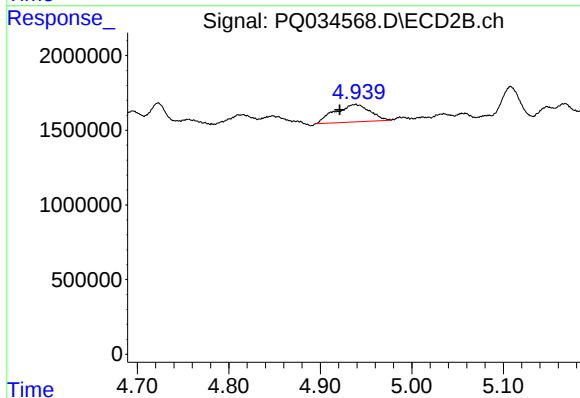
R.T.: 5.692 min  
Delta R.T.: -0.032 min  
Response: 1886244  
Conc: 36.13 ng/ml



#21 AR-1248-1

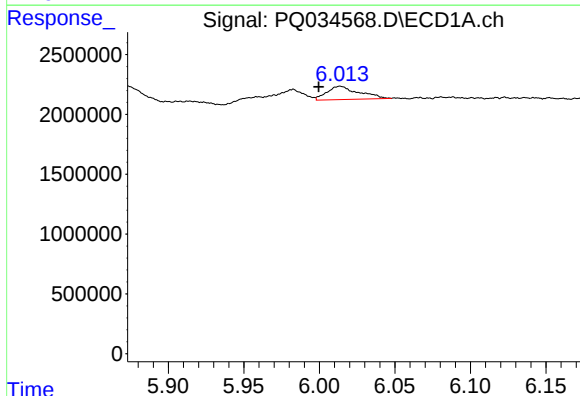
R.T.: 0.000 min  
Exp R.T.: 5.727 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



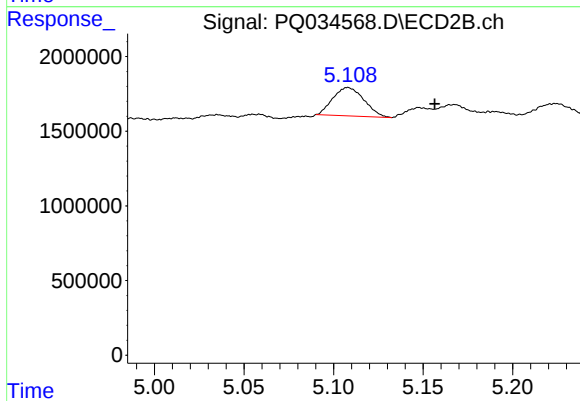
#21 AR-1248-1

R.T.: 4.938 min  
Delta R.T.: 0.017 min  
Response: 3093764  
Conc: 66.73 ng/ml



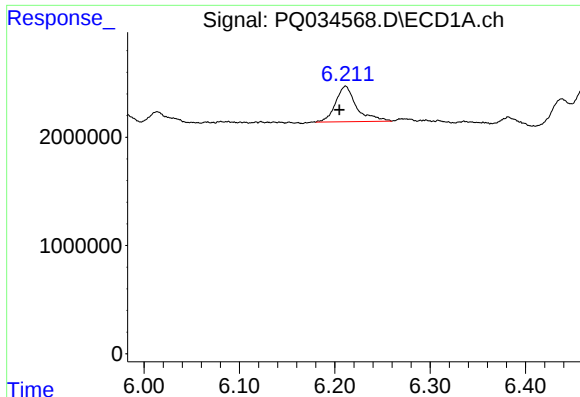
#22 AR-1248-2

R.T.: 6.014 min  
Delta R.T.: 0.014 min  
Response: 1629248  
Conc: 17.48 ng/ml



#22 AR-1248-2

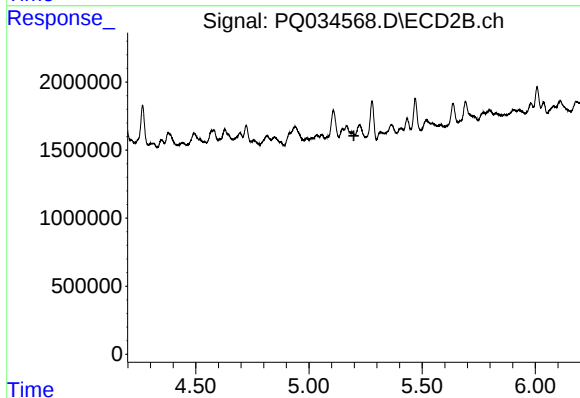
R.T.: 5.108 min  
Delta R.T.: -0.048 min  
Response: 2292770  
Conc: 36.55 ng/ml



#23 AR-1248-3

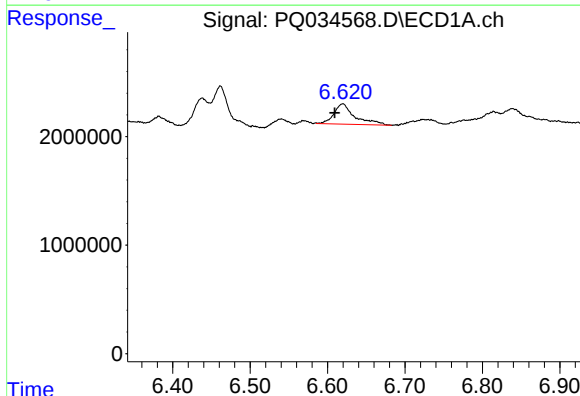
R.T.: 6.211 min  
Delta R.T.: 0.006 min  
Response: 5025770  
Conc: 47.09 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



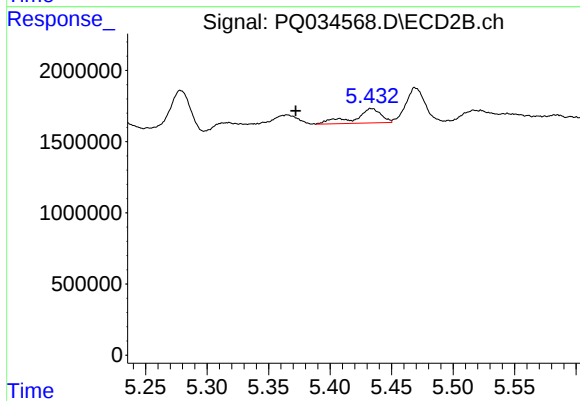
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.198 min  
Response: 0  
Conc: N.D.



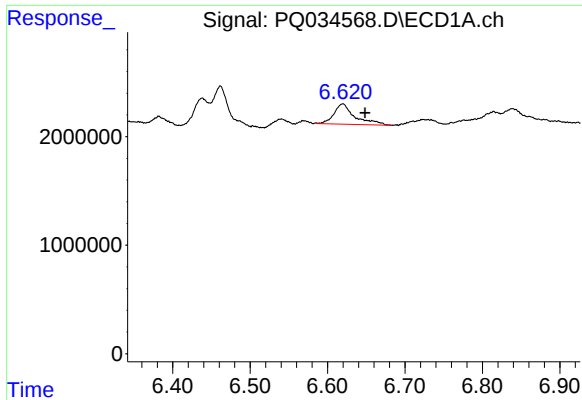
#24 AR-1248-4

R.T.: 6.620 min  
Delta R.T.: 0.010 min  
Response: 3519180  
Conc: 28.96 ng/ml



#24 AR-1248-4

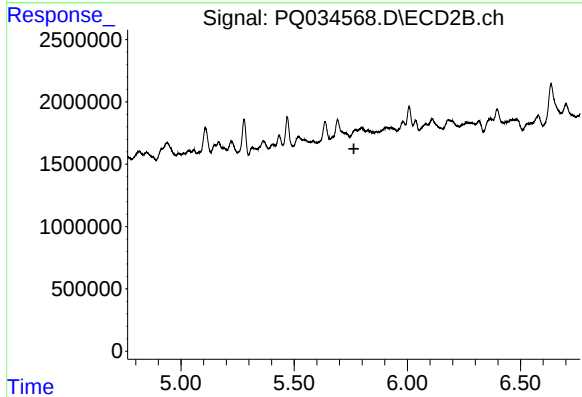
R.T.: 5.434 min  
Delta R.T.: 0.062 min  
Response: 1515693  
Conc: 19.02 ng/ml



#25 AR-1248-5

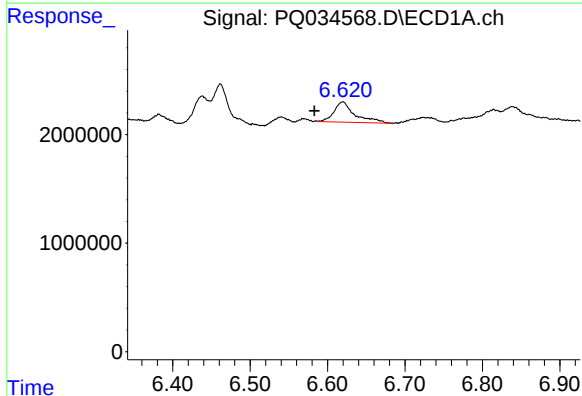
R.T.: 6.620 min  
Delta R.T.: -0.029 min  
Response: 3519180  
Conc: 30.12 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



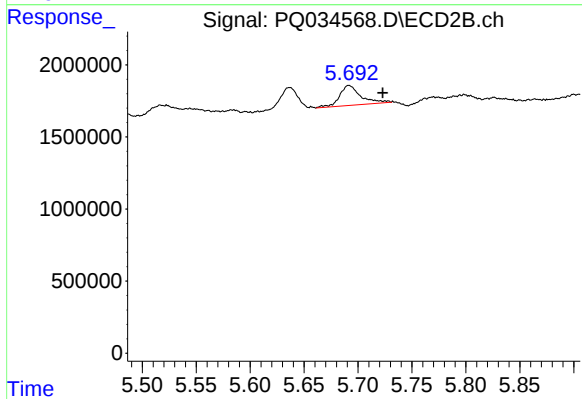
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.764 min  
Response: 0  
Conc: N.D.



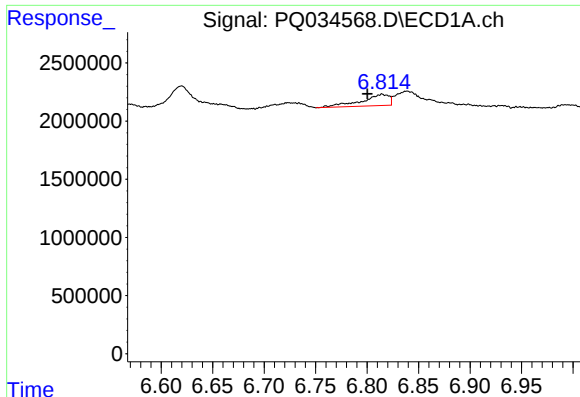
#26 AR-1254-1

R.T.: 6.620 min  
Delta R.T.: 0.037 min  
Response: 3519180  
Conc: 31.14 ng/ml



#26 AR-1254-1

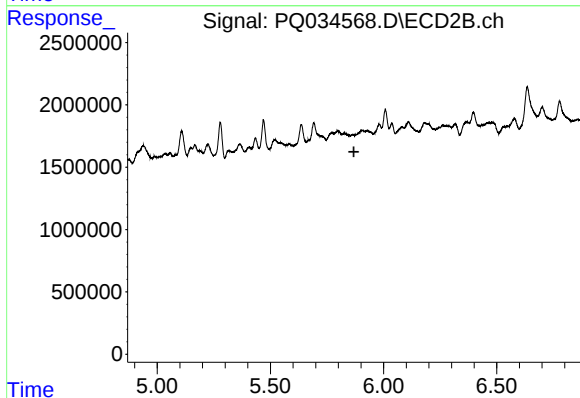
R.T.: 5.692 min  
Delta R.T.: -0.031 min  
Response: 1886244  
Conc: 16.31 ng/ml



#27 AR-1254-2

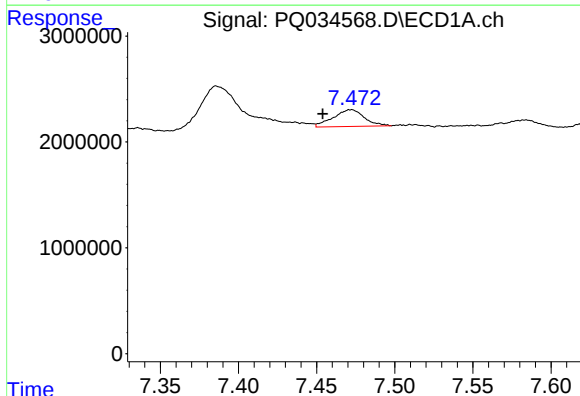
R.T.: 6.815 min  
Delta R.T.: 0.014 min  
Response: 1793796  
Conc: 10.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



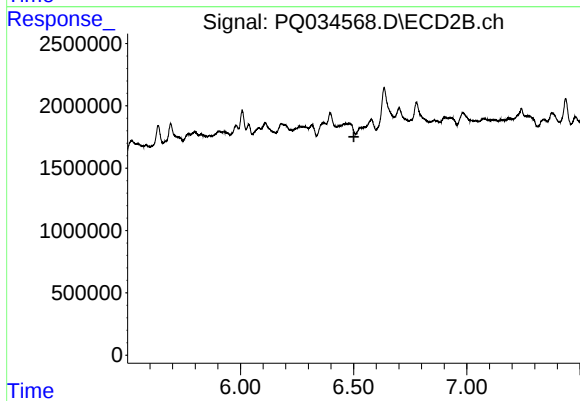
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.869 min  
Response: 0  
Conc: N.D.



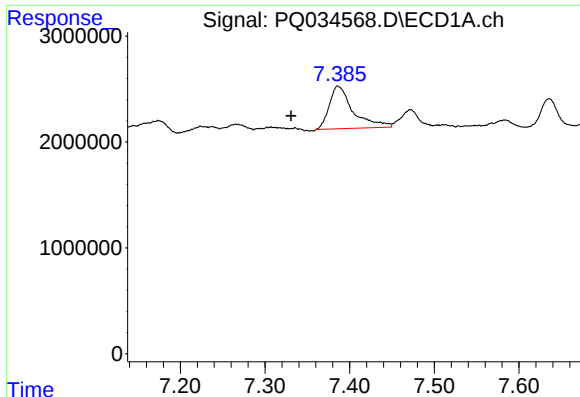
#29 AR-1254-4

R.T.: 7.472 min  
Delta R.T.: 0.018 min  
Response: 2191868  
Conc: 15.32 ng/ml



#29 AR-1254-4

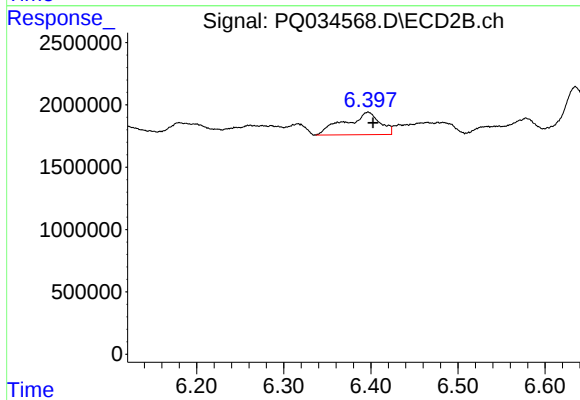
R.T.: 0.000 min  
Exp R.T. : 6.501 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

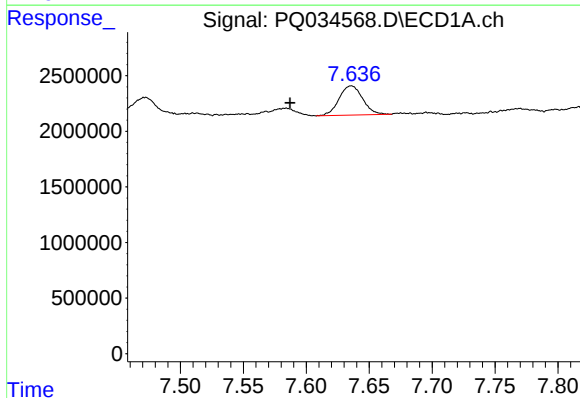
R.T.: 7.386 min  
Delta R.T.: 0.055 min  
Response: 7855253  
Conc: 56.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



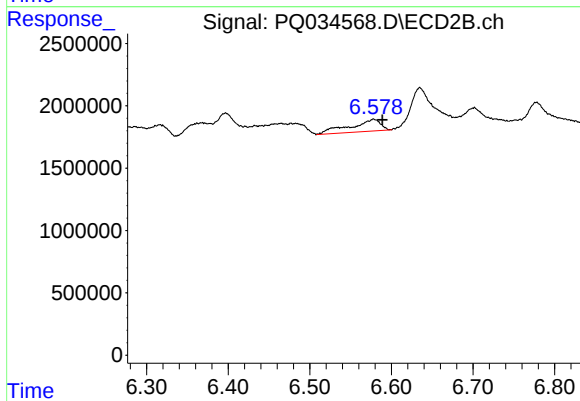
#31 AR-1260-1

R.T.: 6.397 min  
Delta R.T.: -0.006 min  
Response: 5070330  
Conc: 44.06 ng/ml



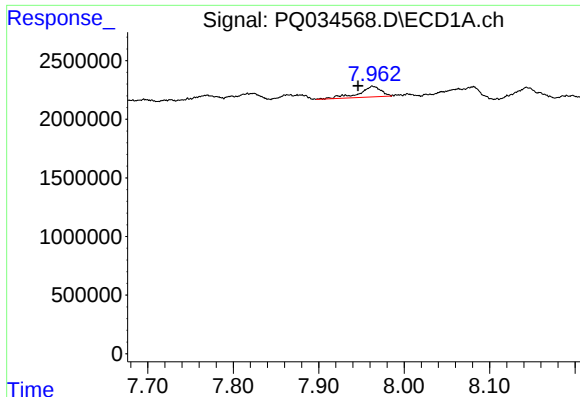
#32 AR-1260-2

R.T.: 7.636 min  
Delta R.T.: 0.049 min  
Response: 3440408  
Conc: 19.99 ng/ml



#32 AR-1260-2

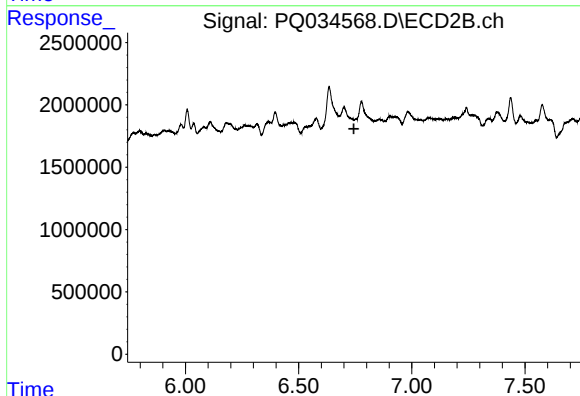
R.T.: 6.578 min  
Delta R.T.: -0.011 min  
Response: 2499111  
Conc: 17.60 ng/ml



#33 AR-1260-3

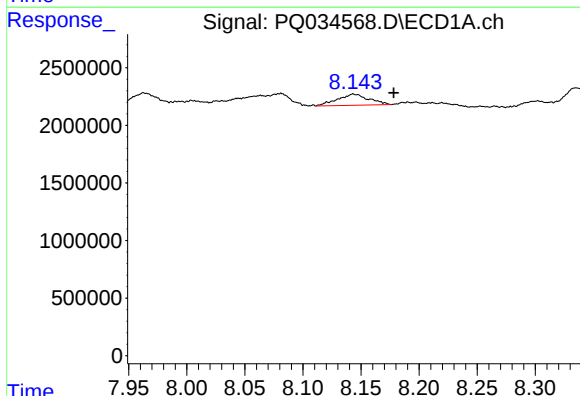
R.T.: 7.963 min  
Delta R.T.: 0.017 min  
Response: 1639155  
Conc: 16.09 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



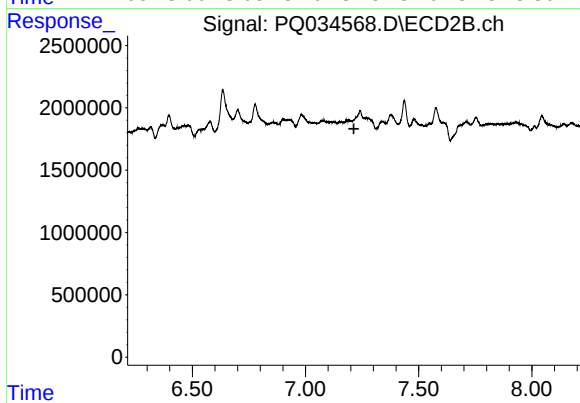
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.744 min  
Response: 0  
Conc: N.D.



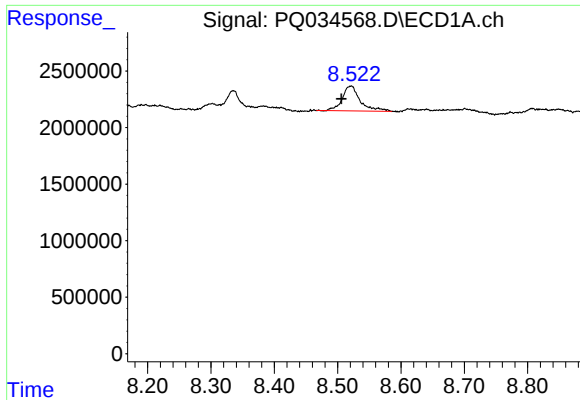
#34 AR-1260-4

R.T.: 8.143 min  
Delta R.T.: -0.035 min  
Response: 1828564  
Conc: 14.08 ng/ml



#34 AR-1260-4

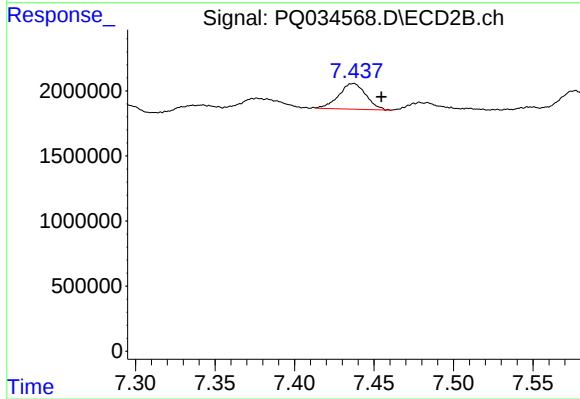
R.T.: 0.000 min  
Exp R.T. : 7.214 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

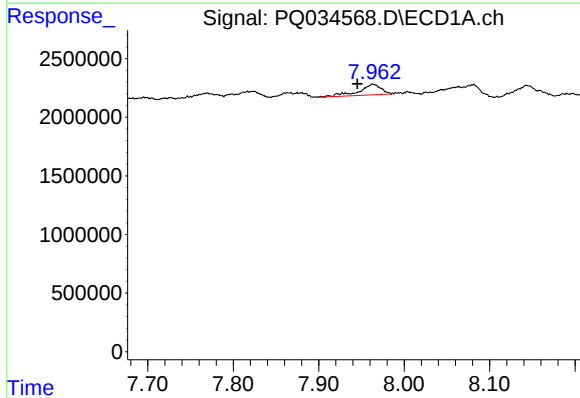
R.T.: 8.521 min  
Delta R.T.: 0.015 min  
Response: 4331325  
Conc: 17.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



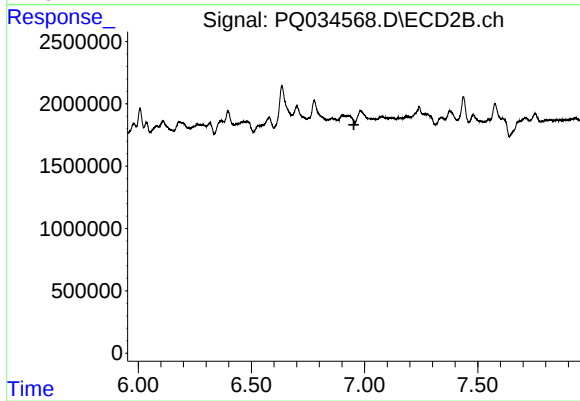
#35 AR-1260-5

R.T.: 7.437 min  
Delta R.T.: -0.018 min  
Response: 2349973  
Conc: 10.11 ng/ml



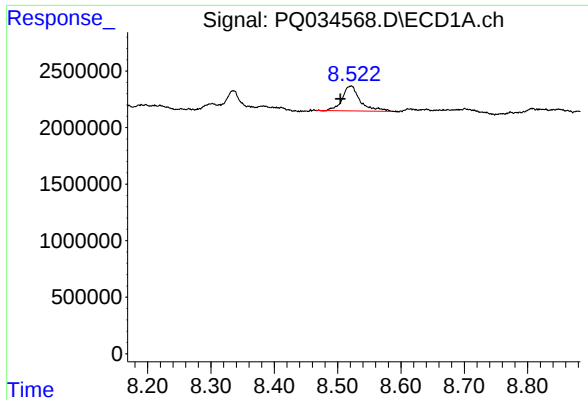
#36 AR-1262-1

R.T.: 7.963 min  
Delta R.T.: 0.018 min  
Response: 1639155  
Conc: 8.90 ng/ml



#36 AR-1262-1

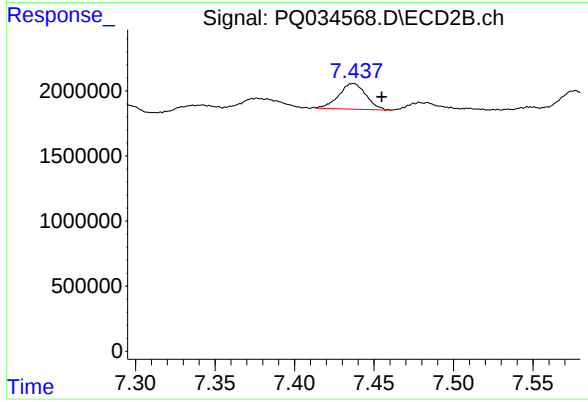
R.T.: 0.000 min  
Exp R.T.: 6.953 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

R.T.: 8.521 min  
Delta R.T.: 0.017 min  
Response: 4331325  
Conc: 12.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#37 AR-1262-2

R.T.: 7.437 min  
Delta R.T.: -0.018 min  
Response: 2349973  
Conc: 8.16 ng/ml