

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ080519\  
 Data File : PQ042036.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2019 23:58  
 Operator : SM\AJ  
 Sample : K3591-02  
 Misc : AR1254 LOQ 50 PPB  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 02:49:37 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Aug 06 01:47:44 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... | 5.691  | 4.750  | 66729328 | 60607085 | 21.734  | 23.559    |
| 2)                          | SA Decachlor... | 12.084 | 10.502 | 182.0E6  | 139.4E6  | 18.497  | 20.123    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 6.493  | 0        | 5783092  | N.D.    | 55.395 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 6.493  | 0        | 5783092  | N.D.    | 69.880 #  |
| 7)                          | L1 AR-1016-5    | 7.678  | 6.745  | 3195725  | 3261540  | 29.020  | 29.662    |
| 13)                         | L3 AR-1232-3    | 0.000  | 6.493  | 0        | 5783092  | N.D.    | 139.878 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 6.541  | 0        | 1614755  | N.D.    | 44.520 #  |
| 15)                         | L3 AR-1232-5    | 7.450  | 6.745  | 5086803  | 3261540  | 186.853 | 80.223 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 6.493  | 0        | 5783092  | N.D.    | 71.628 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 6.541  | 0        | 1614755  | N.D.    | 20.377 #  |
| 20)                         | L4 AR-1242-5    | 8.170  | 7.154  | 3826923  | 17308871 | 33.205  | 140.243 # |
| 22)                         | L5 AR-1248-2    | 7.450  | 6.493  | 5086803  | 5783092  | 49.160  | 57.910    |
| 23)                         | L5 AR-1248-3    | 7.678  | 6.541  | 3195725  | 1614755  | 24.166  | 15.564 #  |
| 24)                         | L5 AR-1248-4    | 8.126  | 6.745  | 6471944  | 3261540  | 35.563  | 25.545 #  |
| 25)                         | L5 AR-1248-5    | 8.170  | 7.200  | 3826923  | 2194421  | 21.127  | 13.832 #  |
| 26)                         | L6 AR-1254-1    | 8.096  | 7.154  | 11220181 | 17308871 | 59.497  | 72.765    |
| 27)                         | L6 AR-1254-2    | 8.334  | 7.322  | 19754282 | 15715284 | 61.833  | 73.180    |
| 28)                         | L6 AR-1254-3    | 8.727  | 7.769  | 21936897 | 26030894 | 56.056  | 66.146    |
| 29)                         | L6 AR-1254-4    | 9.030  | 8.018  | 18258945 | 17970202 | 55.961  | 65.648    |
| 30)                         | L6 AR-1254-5    | 9.469  | 8.464  | 18787896 | 26022999 | 51.429  | 67.120 #  |
| 31)                         | L7 AR-1260-1    | 8.900  | 7.911  | 8418028  | 13149688 | 33.706  | 50.034 #  |
| 32)                         | L7 AR-1260-2    | 9.170  | 8.114  | 11042948 | 11356906 | 31.948  | 32.227    |
| 33)                         | L7 AR-1260-3    | 9.499  | 8.278  | 2148795  | 11066736 | 7.222   | 35.119 #  |
| 34)                         | L7 AR-1260-4    | 9.778  | 8.818  | 7496176  | 5974030  | 21.823  | 20.596    |
| 35)                         | L7 AR-1260-5    | 10.135 | 9.027  | 3680890  | 2541155  | 4.428   | 3.219 #   |
| 36)                         | L8 AR-1262-1    | 9.499  | 8.537  | 2148795  | 2947558  | 5.543   | 8.042 #   |
| 37)                         | L8 AR-1262-2    | 10.135 | 9.027  | 3680890  | 2541155  | 4.507   | 3.531     |
| 38)                         | L8 AR-1262-3    | 0.000  | 9.387  | 0        | 2449177  | N.D.    | 8.001 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 9.387  | 0        | 2449177  | N.D.    | 4.477 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 9.387  | 0        | 2449177  | N.D.    | 1.959 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 9.387  | 0        | 2449177  | N.D.    | 2.130 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 9.601  | 0        | 1834724  | N.D.    | 1.858 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 10.227 | 0        | 843823   | N.D.    | 0.289 #   |
| -----                       |                 |        |        |          |          |         |           |

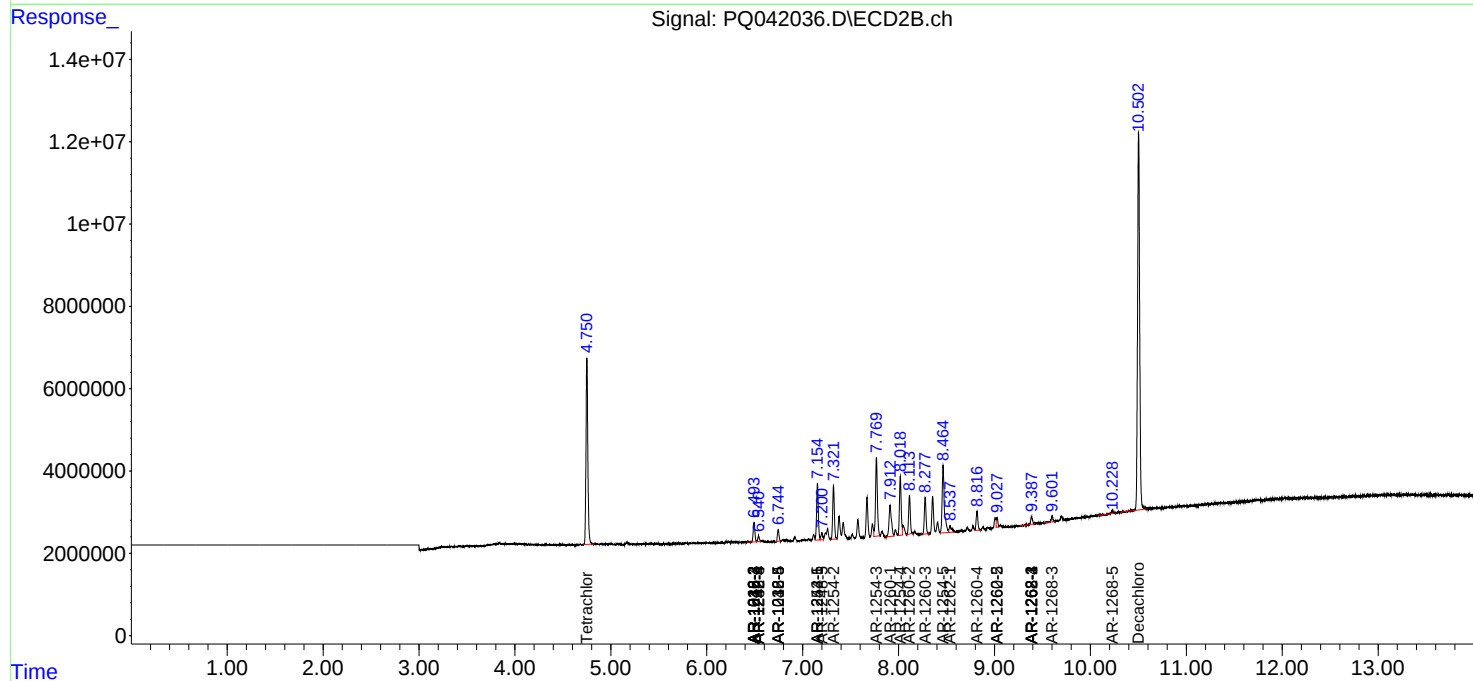
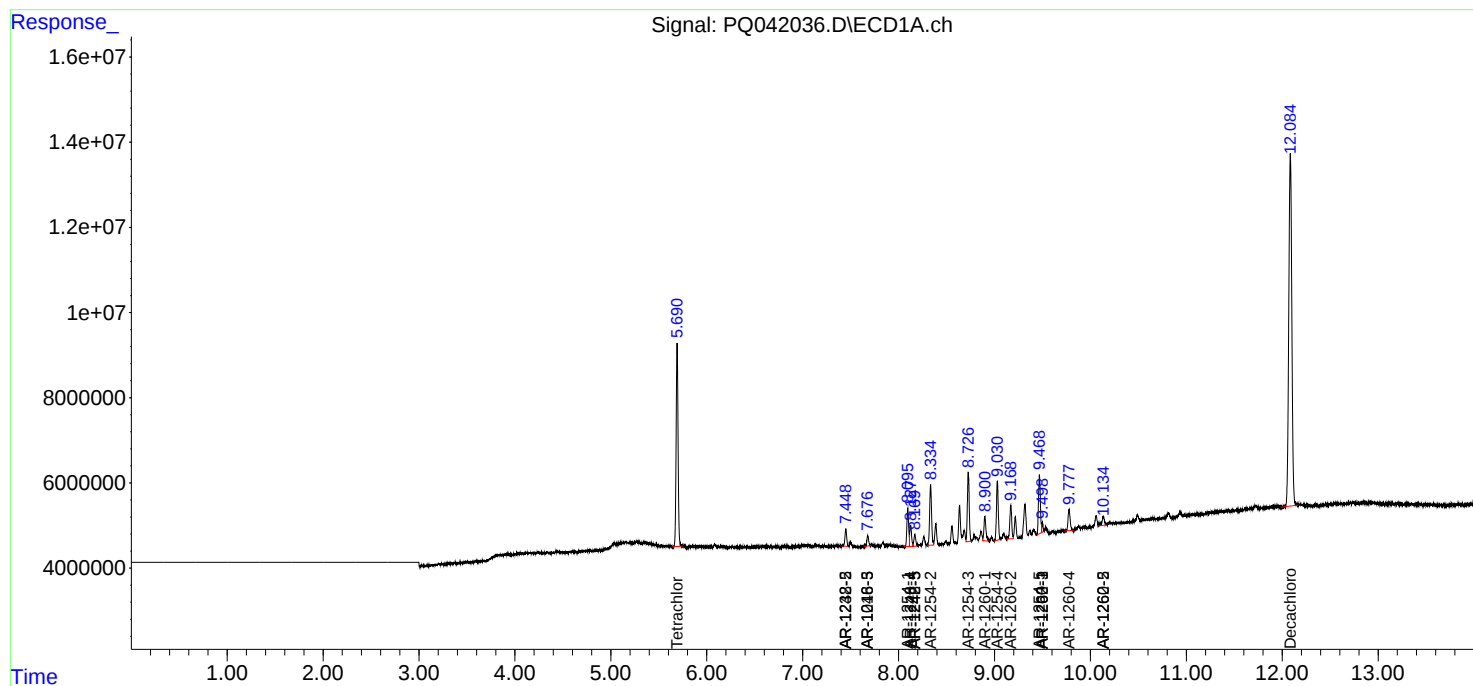
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

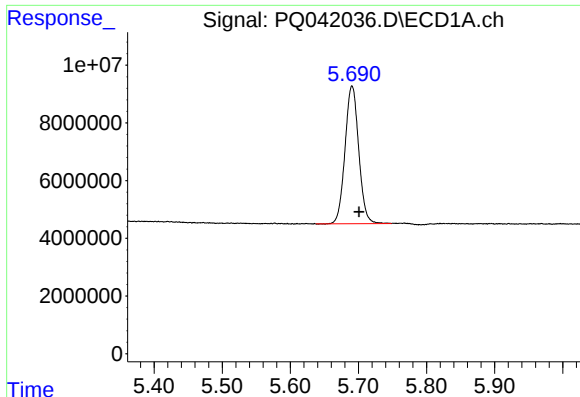
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ080519\  
Data File : PQ042036.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Aug 2019 23:58  
Operator : SM\AJ  
Sample : K3591-02  
Misc : AR1254 LOQ 50 PPB  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 06 02:49:37 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ080519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Aug 06 01:47:44 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

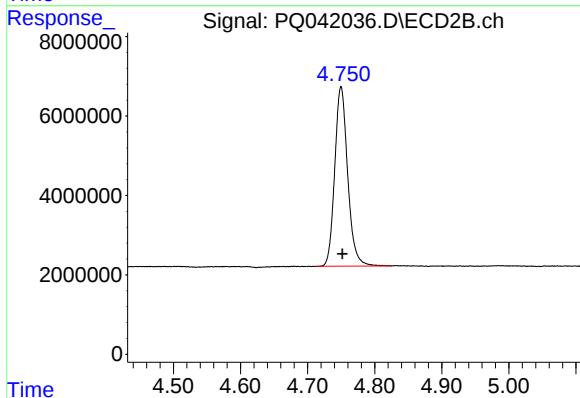




#1 Tetrachloro-m-xylene

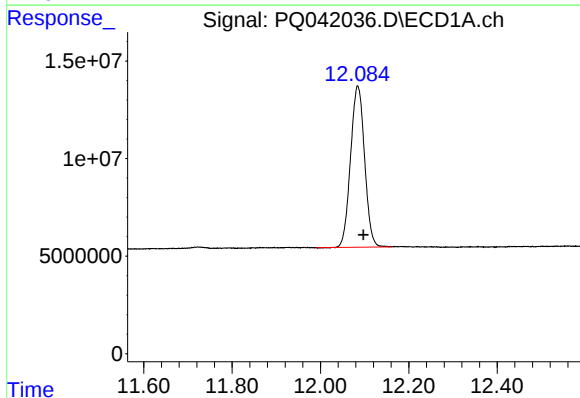
R.T.: 5.691 min  
Delta R.T.: -0.010 min  
Response: 66729328  
Conc: 21.73 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



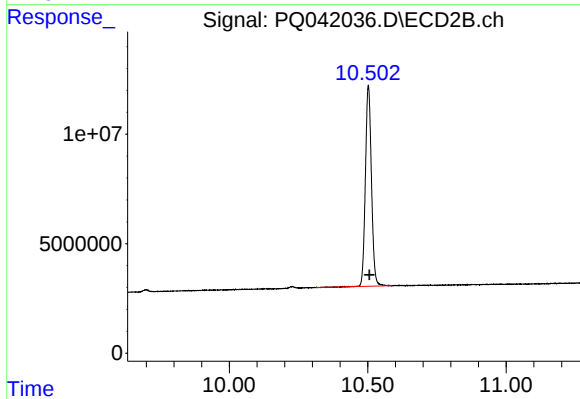
#1 Tetrachloro-m-xylene

R.T.: 4.750 min  
Delta R.T.: -0.002 min  
Response: 60607085  
Conc: 23.56 ng/ml



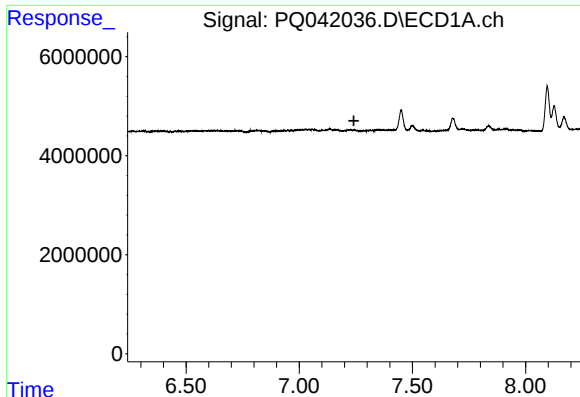
#2 Decachlorobiphenyl

R.T.: 12.084 min  
Delta R.T.: -0.013 min  
Response: 182009888  
Conc: 18.50 ng/ml



#2 Decachlorobiphenyl

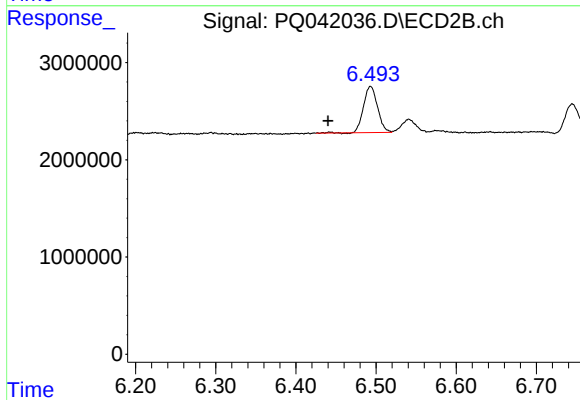
R.T.: 10.502 min  
Delta R.T.: -0.004 min  
Response: 139410271  
Conc: 20.12 ng/ml



#5 AR-1016-3

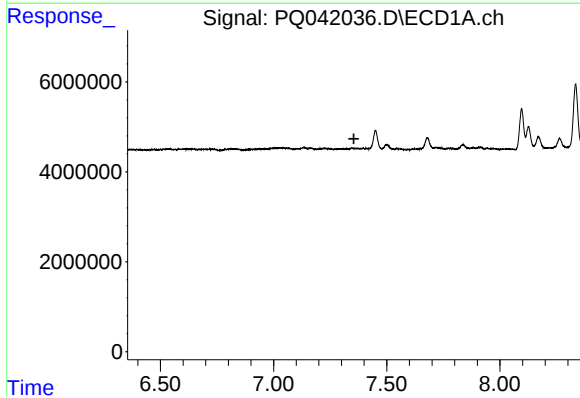
R.T.: 0.000 min  
Exp R.T.: 7.242 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



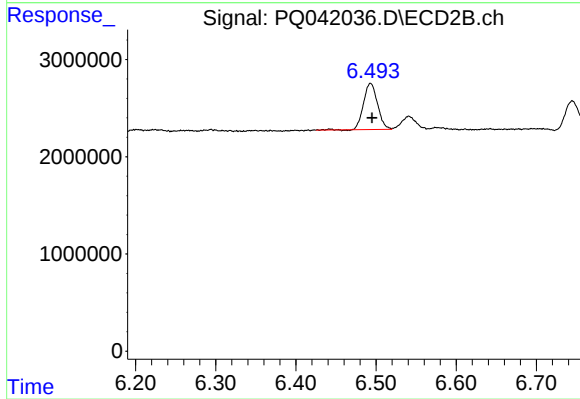
#5 AR-1016-3

R.T.: 6.493 min  
Delta R.T.: 0.053 min  
Response: 5783092  
Conc: 55.39 ng/ml



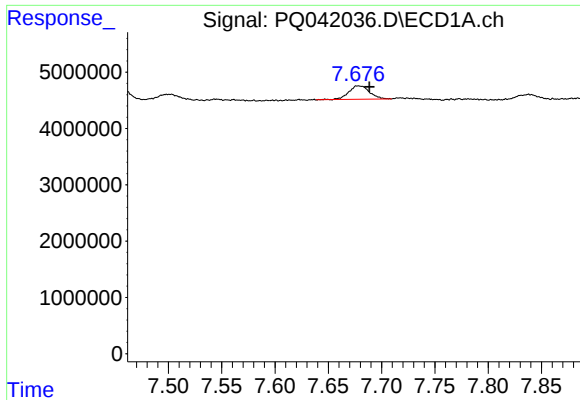
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 7.355 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

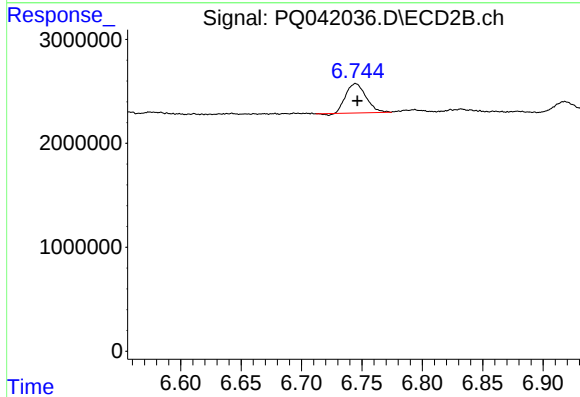
R.T.: 6.493 min  
Delta R.T.: -0.002 min  
Response: 5783092  
Conc: 69.88 ng/ml



#7 AR-1016-5

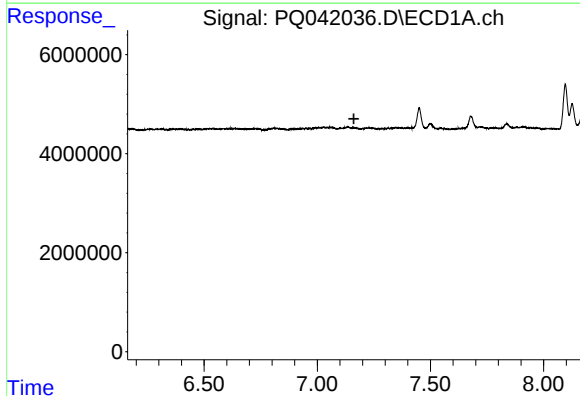
R.T.: 7.678 min  
Delta R.T.: -0.011 min  
Response: 3195725  
Conc: 29.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



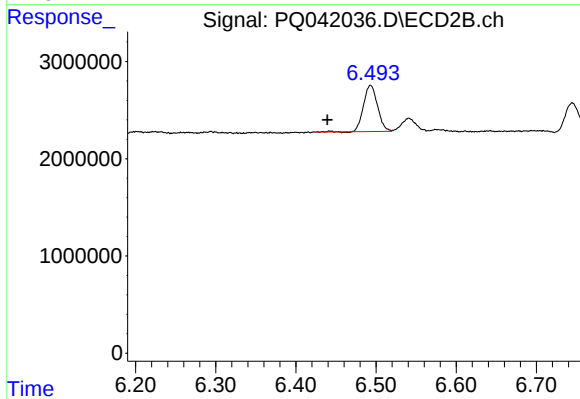
#7 AR-1016-5

R.T.: 6.745 min  
Delta R.T.: -0.001 min  
Response: 3261540  
Conc: 29.66 ng/ml



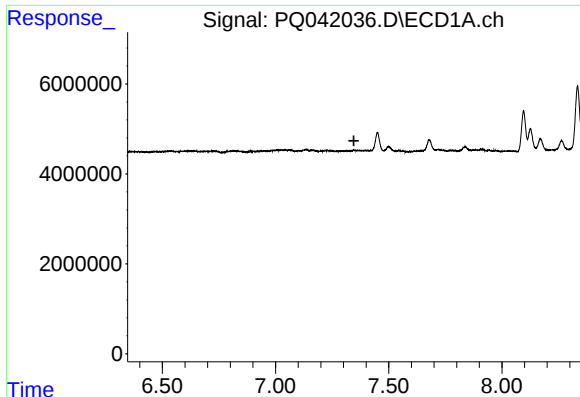
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 7.162 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

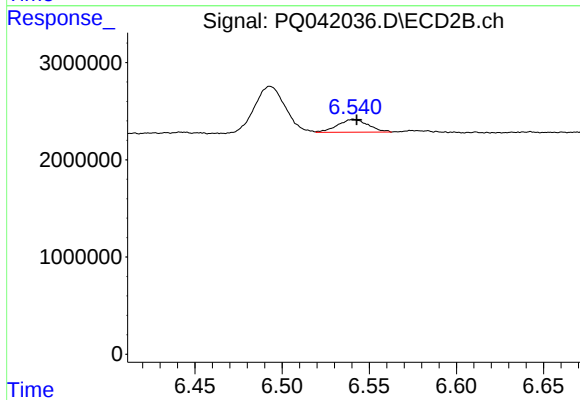
R.T.: 6.493 min  
Delta R.T.: 0.054 min  
Response: 5783092  
Conc: 139.88 ng/ml



#14 AR-1232-4

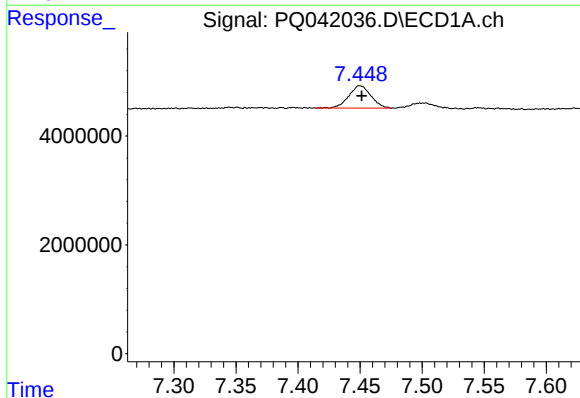
R.T.: 0.000 min  
Exp R.T.: 7.346 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



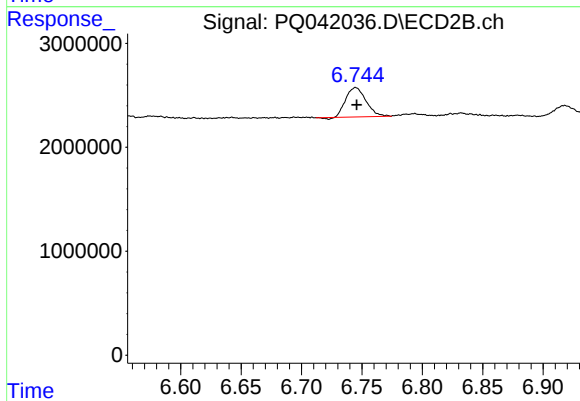
#14 AR-1232-4

R.T.: 6.541 min  
Delta R.T.: -0.002 min  
Response: 1614755  
Conc: 44.52 ng/ml



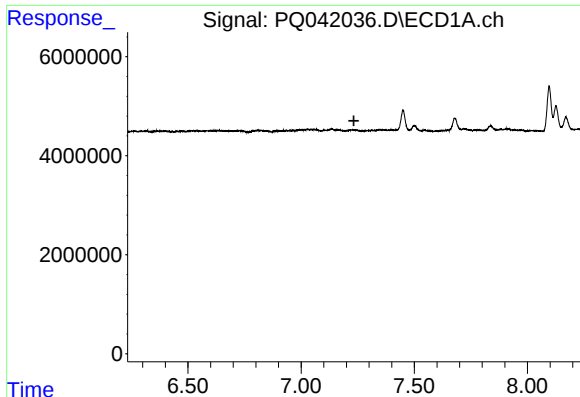
#15 AR-1232-5

R.T.: 7.450 min  
Delta R.T.: -0.001 min  
Response: 5086803  
Conc: 186.85 ng/ml



#15 AR-1232-5

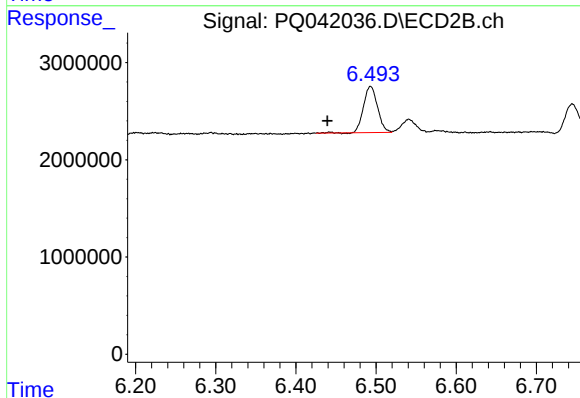
R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 3261540  
Conc: 80.22 ng/ml



#18 AR-1242-3

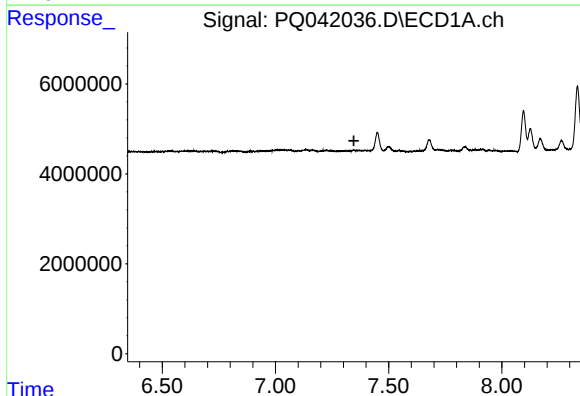
R.T.: 0.000 min  
Exp R.T.: 7.233 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



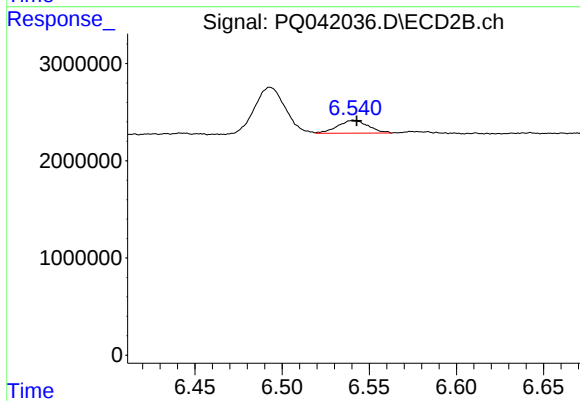
#18 AR-1242-3

R.T.: 6.493 min  
Delta R.T.: 0.054 min  
Response: 5783092  
Conc: 71.63 ng/ml



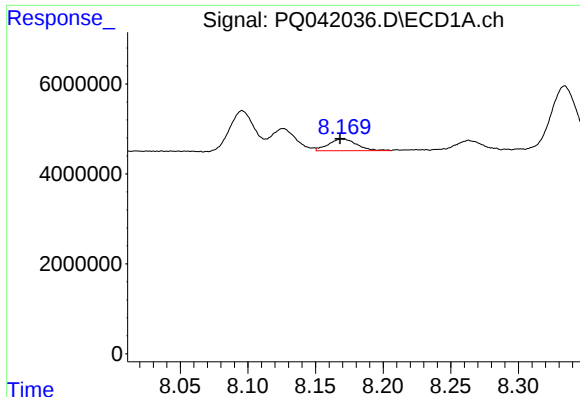
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 7.347 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

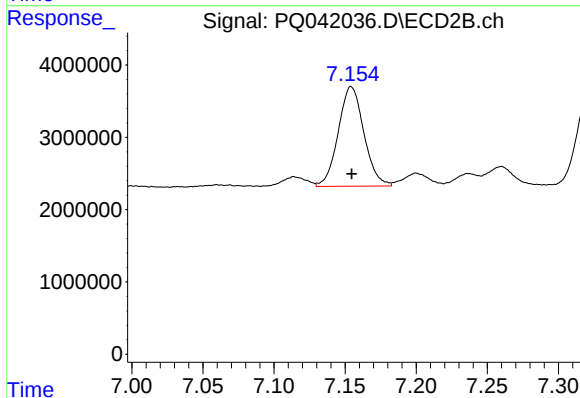
R.T.: 6.541 min  
Delta R.T.: -0.002 min  
Response: 1614755  
Conc: 20.38 ng/ml



#20 AR-1242-5

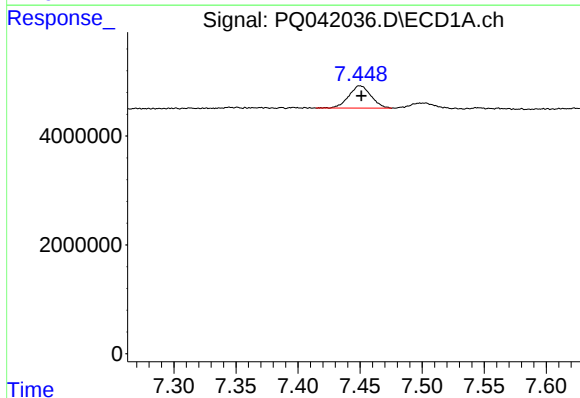
R.T.: 8.170 min  
Delta R.T.: 0.002 min  
Response: 3826923  
Conc: 33.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



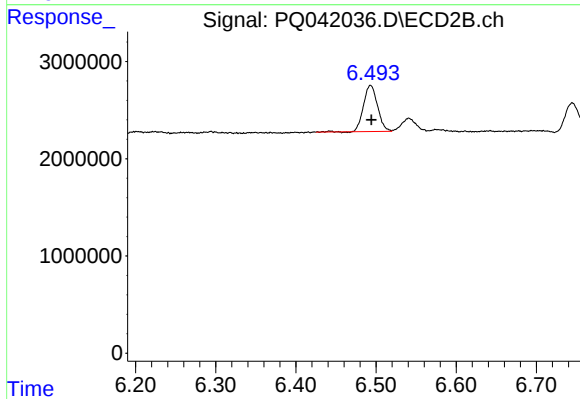
#20 AR-1242-5

R.T.: 7.154 min  
Delta R.T.: 0.000 min  
Response: 17308871  
Conc: 140.24 ng/ml



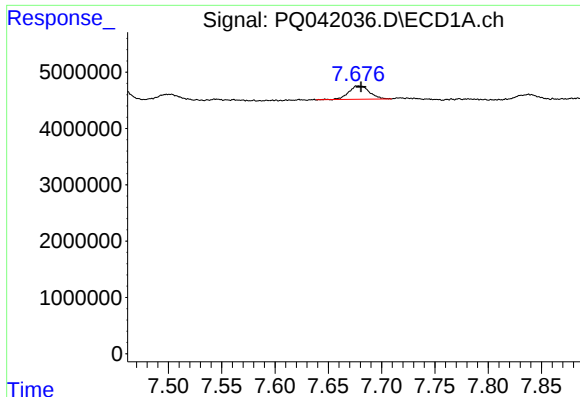
#22 AR-1248-2

R.T.: 7.450 min  
Delta R.T.: -0.001 min  
Response: 5086803  
Conc: 49.16 ng/ml



#22 AR-1248-2

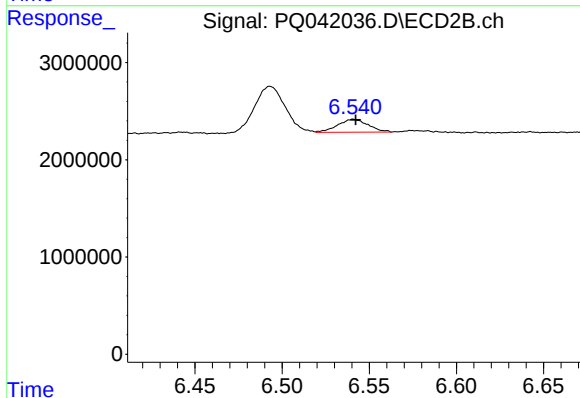
R.T.: 6.493 min  
Delta R.T.: -0.001 min  
Response: 5783092  
Conc: 57.91 ng/ml



#23 AR-1248-3

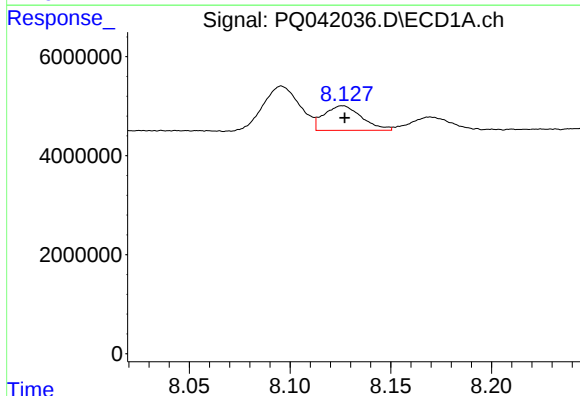
R.T.: 7.678 min  
Delta R.T.: -0.003 min  
Response: 3195725  
Conc: 24.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



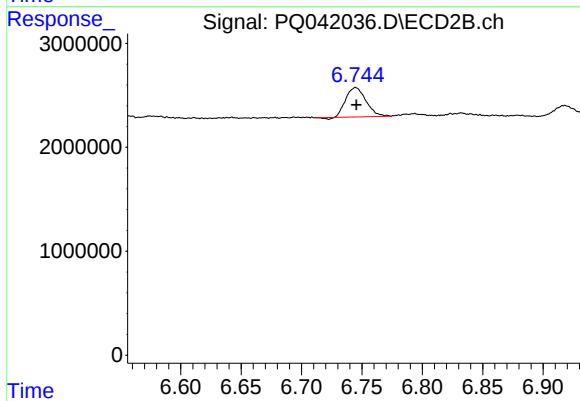
#23 AR-1248-3

R.T.: 6.541 min  
Delta R.T.: -0.001 min  
Response: 1614755  
Conc: 15.56 ng/ml



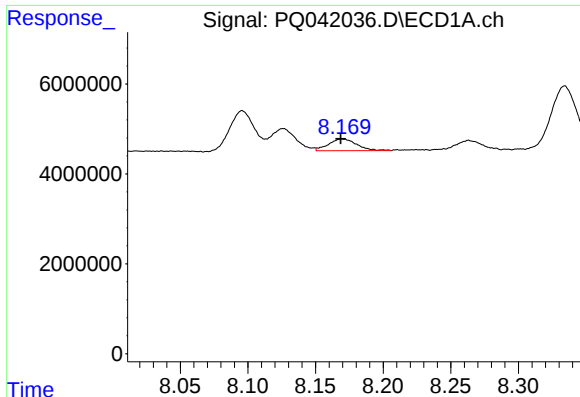
#24 AR-1248-4

R.T.: 8.126 min  
Delta R.T.: 0.000 min  
Response: 6471944  
Conc: 35.56 ng/ml



#24 AR-1248-4

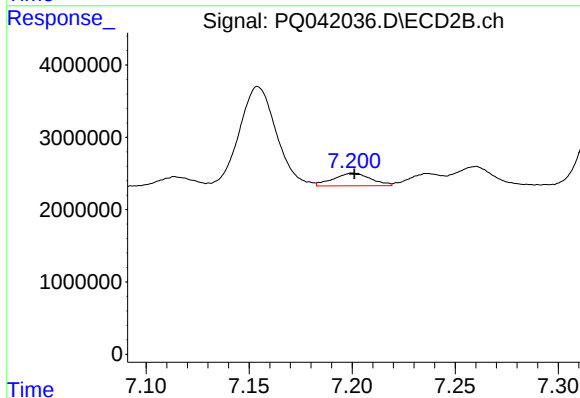
R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 3261540  
Conc: 25.55 ng/ml



#25 AR-1248-5

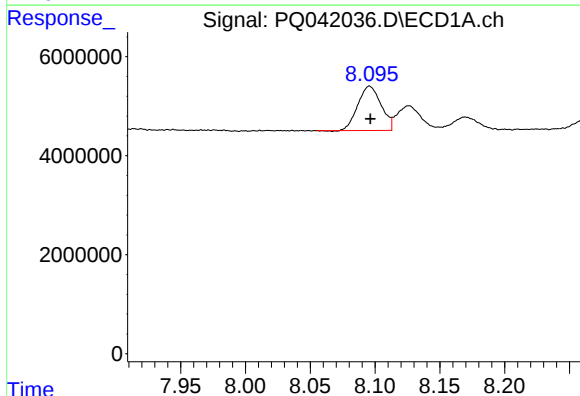
R.T.: 8.170 min  
Delta R.T.: 0.001 min  
Response: 3826923  
Conc: 21.13 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



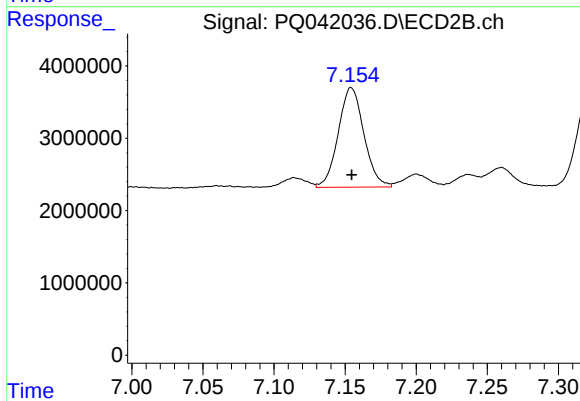
#25 AR-1248-5

R.T.: 7.200 min  
Delta R.T.: -0.001 min  
Response: 2194421  
Conc: 13.83 ng/ml



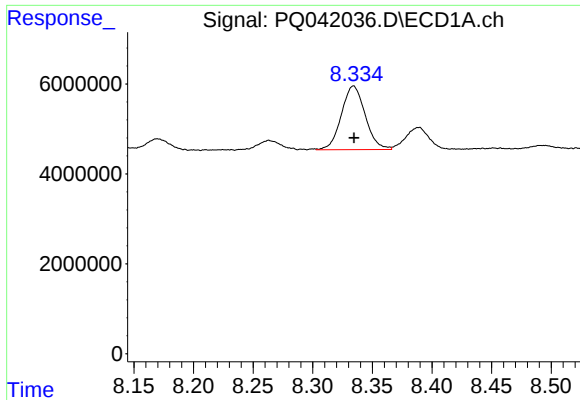
#26 AR-1254-1

R.T.: 8.096 min  
Delta R.T.: 0.000 min  
Response: 11220181  
Conc: 59.50 ng/ml



#26 AR-1254-1

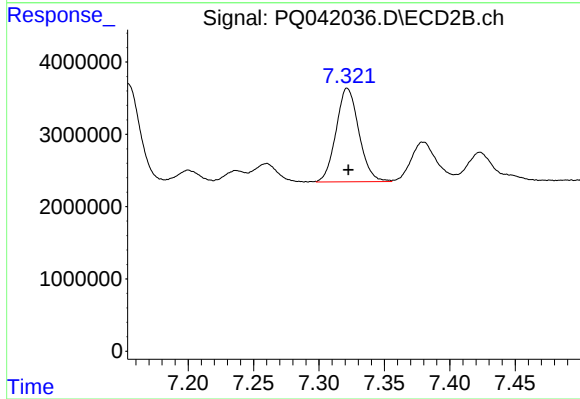
R.T.: 7.154 min  
Delta R.T.: 0.000 min  
Response: 17308871  
Conc: 72.76 ng/ml



#27 AR-1254-2

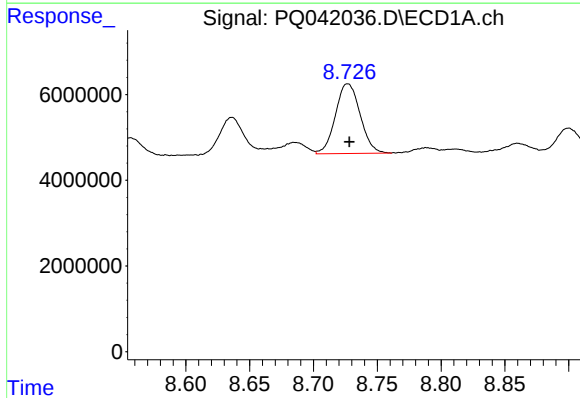
R.T.: 8.334 min  
Delta R.T.: 0.000 min  
Response: 19754282  
Conc: 61.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



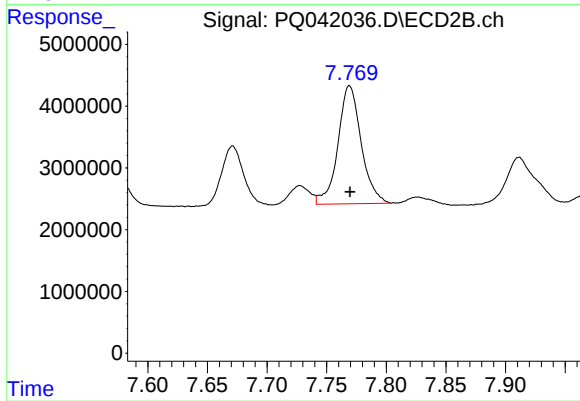
#27 AR-1254-2

R.T.: 7.322 min  
Delta R.T.: 0.000 min  
Response: 15715284  
Conc: 73.18 ng/ml



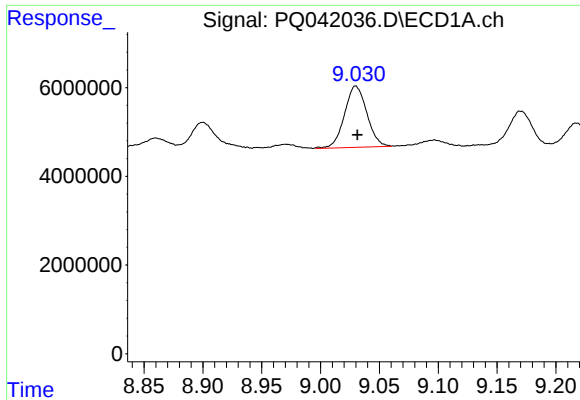
#28 AR-1254-3

R.T.: 8.727 min  
Delta R.T.: -0.001 min  
Response: 21936897  
Conc: 56.06 ng/ml



#28 AR-1254-3

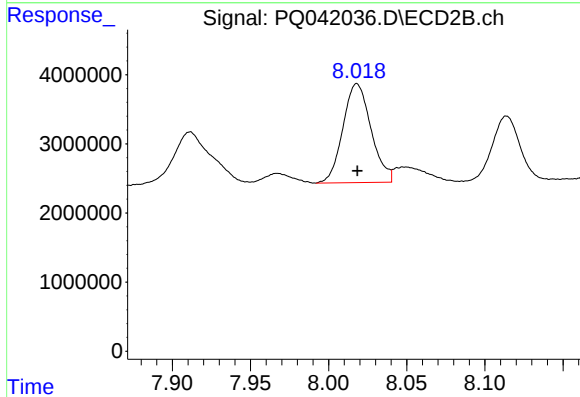
R.T.: 7.769 min  
Delta R.T.: 0.000 min  
Response: 26030894  
Conc: 66.15 ng/ml



#29 AR-1254-4

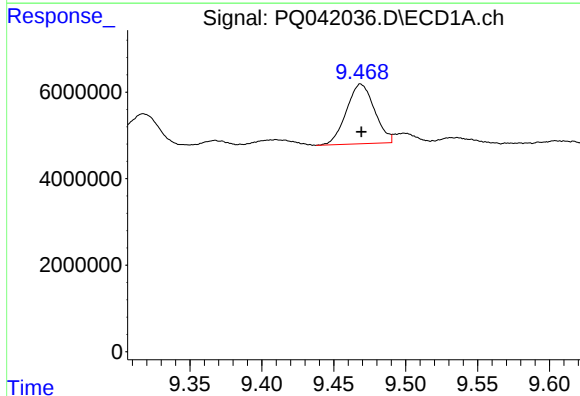
R.T.: 9.030 min  
Delta R.T.: -0.001 min  
Response: 18258945  
Conc: 55.96 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



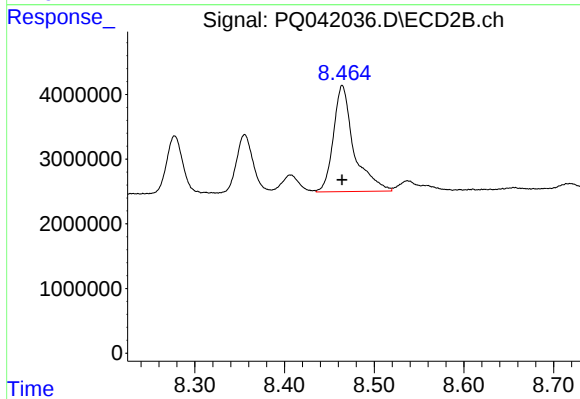
#29 AR-1254-4

R.T.: 8.018 min  
Delta R.T.: 0.000 min  
Response: 17970202  
Conc: 65.65 ng/ml



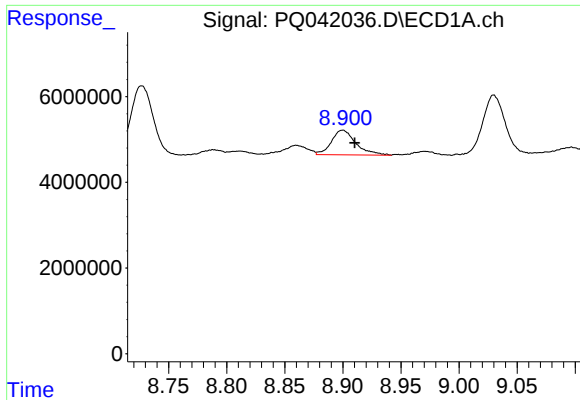
#30 AR-1254-5

R.T.: 9.469 min  
Delta R.T.: 0.000 min  
Response: 18787896  
Conc: 51.43 ng/ml



#30 AR-1254-5

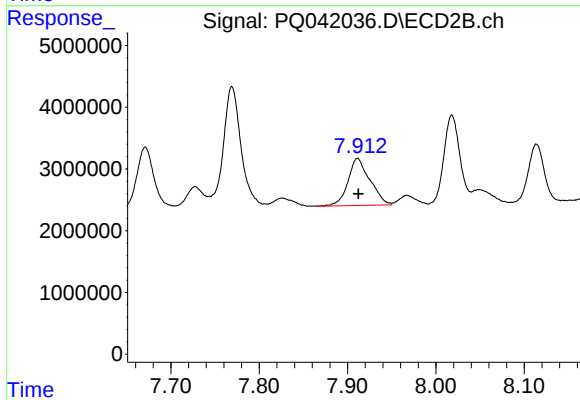
R.T.: 8.464 min  
Delta R.T.: 0.000 min  
Response: 26022999  
Conc: 67.12 ng/ml



#31 AR-1260-1

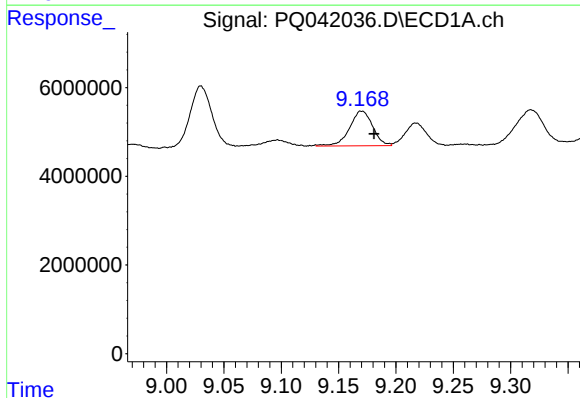
R.T.: 8.900 min  
Delta R.T.: -0.011 min  
Response: 8418028  
Conc: 33.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



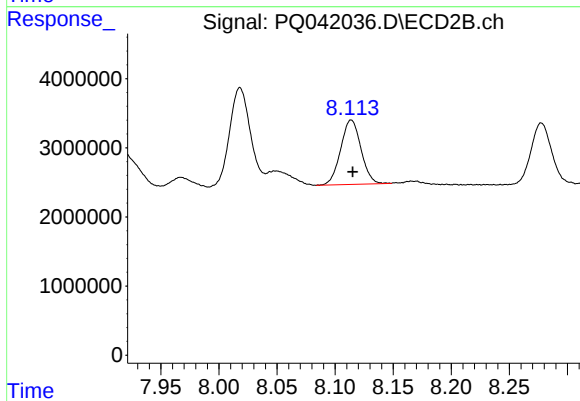
#31 AR-1260-1

R.T.: 7.911 min  
Delta R.T.: -0.001 min  
Response: 13149688  
Conc: 50.03 ng/ml



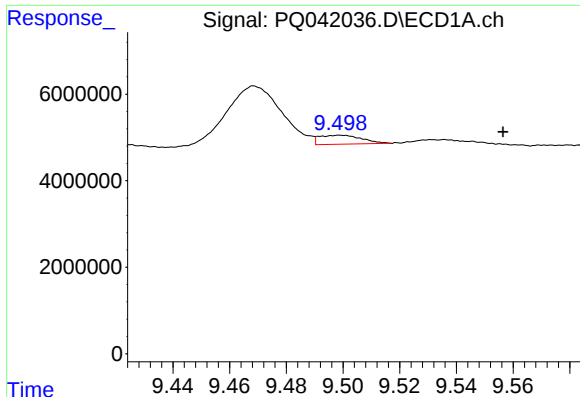
#32 AR-1260-2

R.T.: 9.170 min  
Delta R.T.: -0.011 min  
Response: 11042948  
Conc: 31.95 ng/ml



#32 AR-1260-2

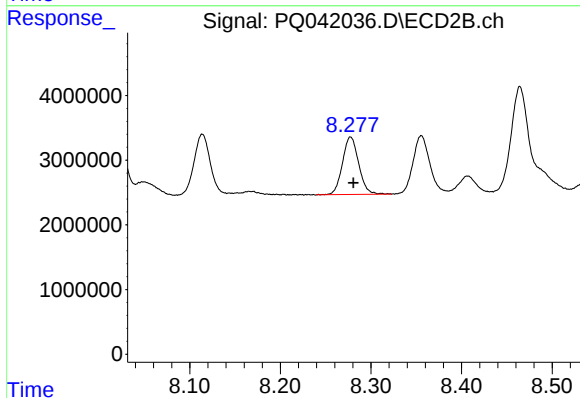
R.T.: 8.114 min  
Delta R.T.: -0.001 min  
Response: 11356906  
Conc: 32.23 ng/ml



#33 AR-1260-3

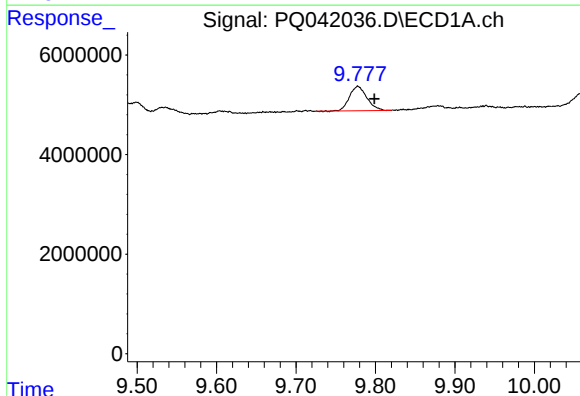
R.T.: 9.499 min  
Delta R.T.: -0.057 min  
Response: 2148795  
Conc: 7.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



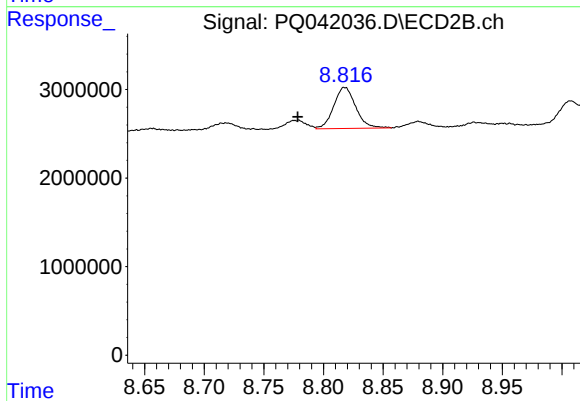
#33 AR-1260-3

R.T.: 8.278 min  
Delta R.T.: -0.003 min  
Response: 11066736  
Conc: 35.12 ng/ml



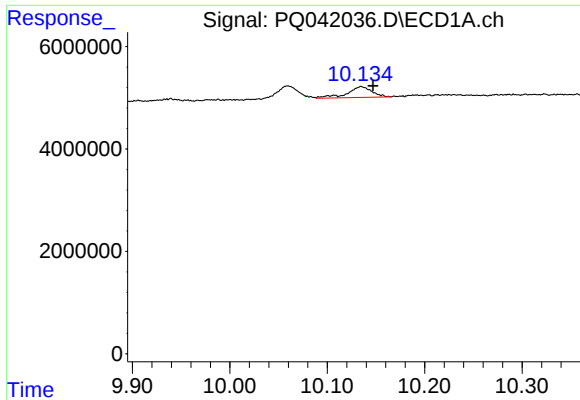
#34 AR-1260-4

R.T.: 9.778 min  
Delta R.T.: -0.021 min  
Response: 7496176  
Conc: 21.82 ng/ml



#34 AR-1260-4

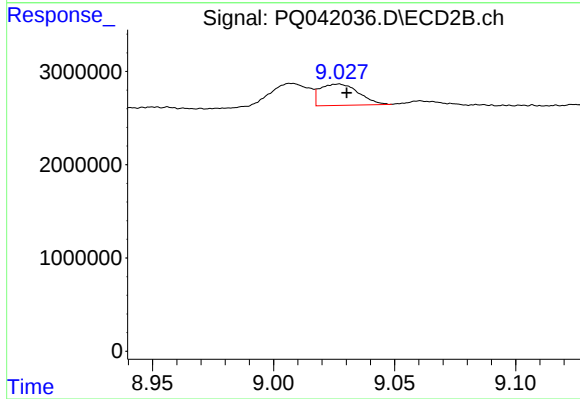
R.T.: 8.818 min  
Delta R.T.: 0.039 min  
Response: 5974030  
Conc: 20.60 ng/ml



#35 AR-1260-5

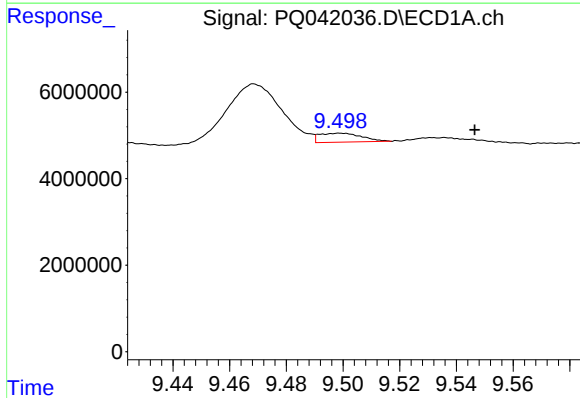
R.T.: 10.135 min  
Delta R.T.: -0.012 min  
Response: 3680890  
Conc: 4.43 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



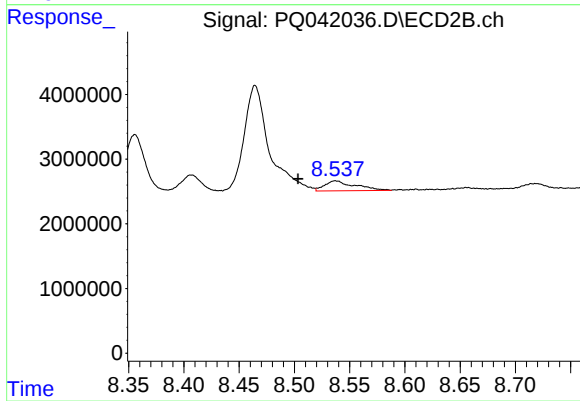
#35 AR-1260-5

R.T.: 9.027 min  
Delta R.T.: -0.003 min  
Response: 2541155  
Conc: 3.22 ng/ml



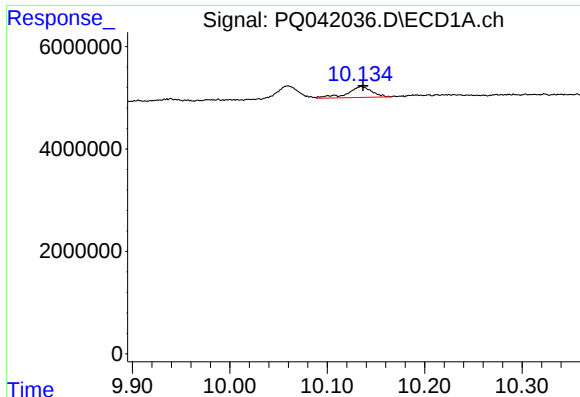
#36 AR-1262-1

R.T.: 9.499 min  
Delta R.T.: -0.047 min  
Response: 2148795  
Conc: 5.54 ng/ml



#36 AR-1262-1

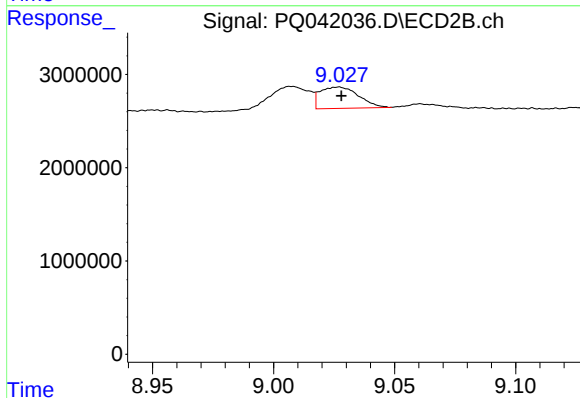
R.T.: 8.537 min  
Delta R.T.: 0.034 min  
Response: 2947558  
Conc: 8.04 ng/ml



#37 AR-1262-2

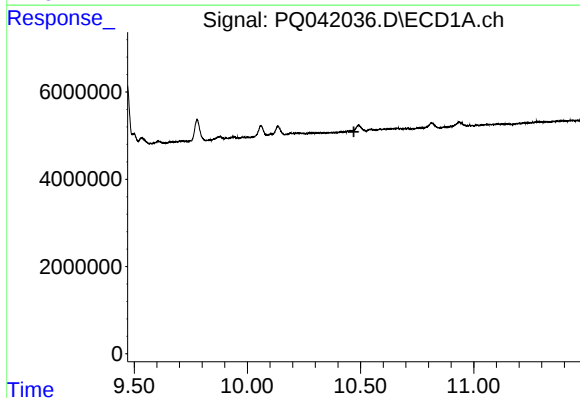
R.T.: 10.135 min  
Delta R.T.: -0.002 min  
Response: 3680890  
Conc: 4.51 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



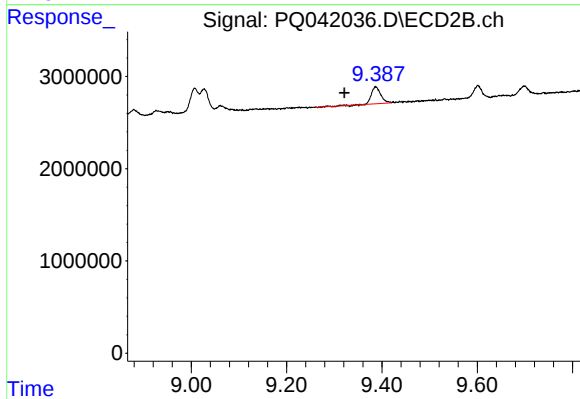
#37 AR-1262-2

R.T.: 9.027 min  
Delta R.T.: -0.001 min  
Response: 2541155  
Conc: 3.53 ng/ml



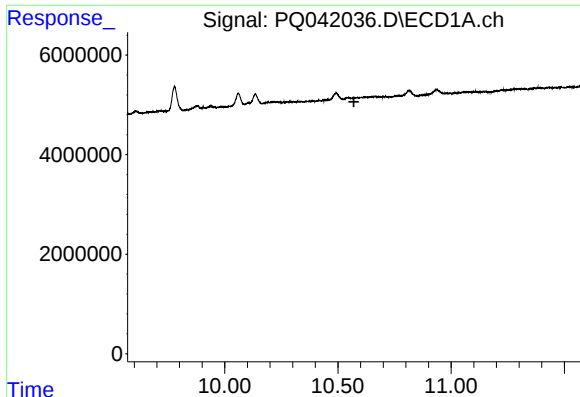
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 10.470 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

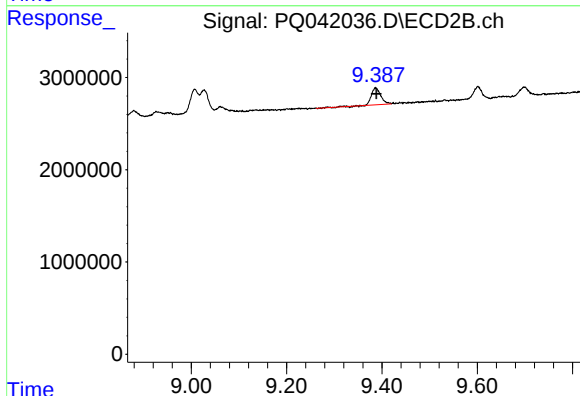
R.T.: 9.387 min  
Delta R.T.: 0.066 min  
Response: 2449177  
Conc: 8.00 ng/ml



#39 AR-1262-4

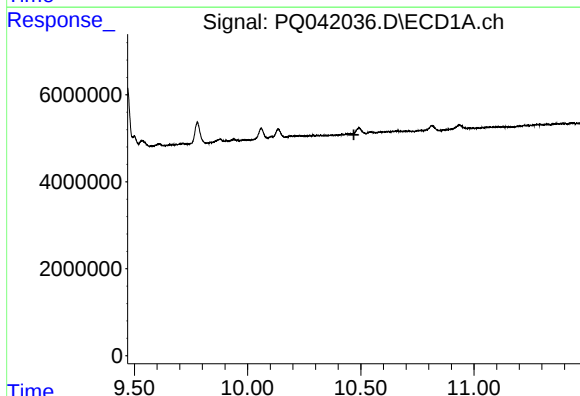
R.T.: 0.000 min  
Exp R.T.: 10.570 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



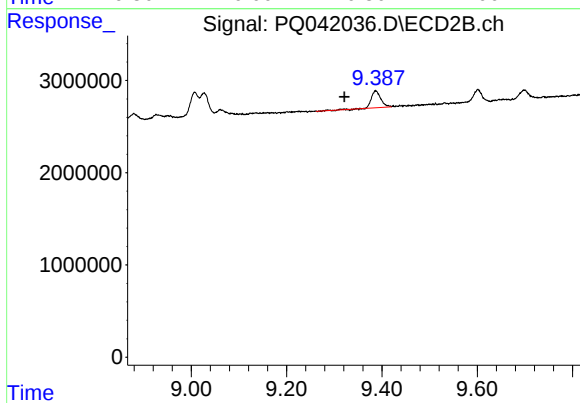
#39 AR-1262-4

R.T.: 9.387 min  
Delta R.T.: -0.001 min  
Response: 2449177  
Conc: 4.48 ng/ml



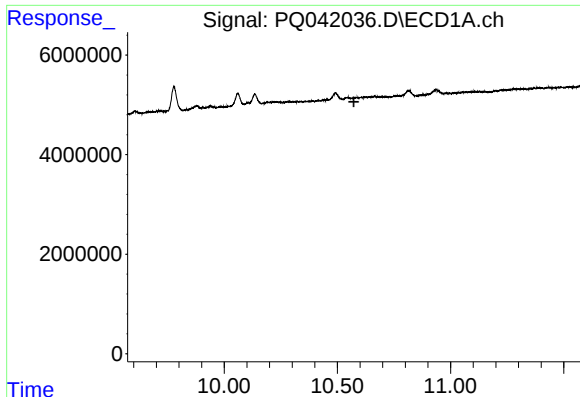
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 10.470 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

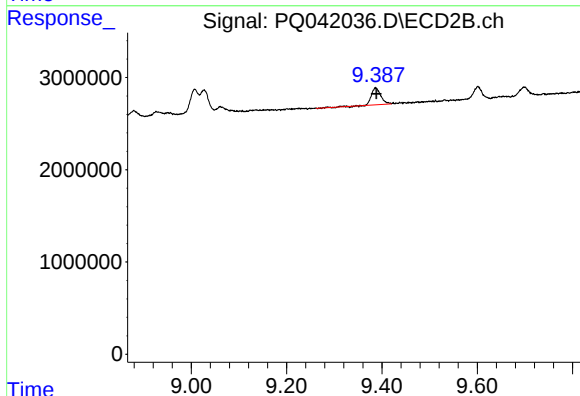
R.T.: 9.387 min  
Delta R.T.: 0.066 min  
Response: 2449177  
Conc: 1.96 ng/ml



#42 AR-1268-2

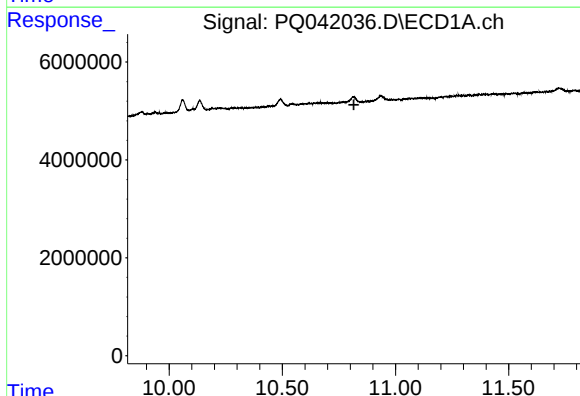
R.T.: 0.000 min  
Exp R.T.: 10.573 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



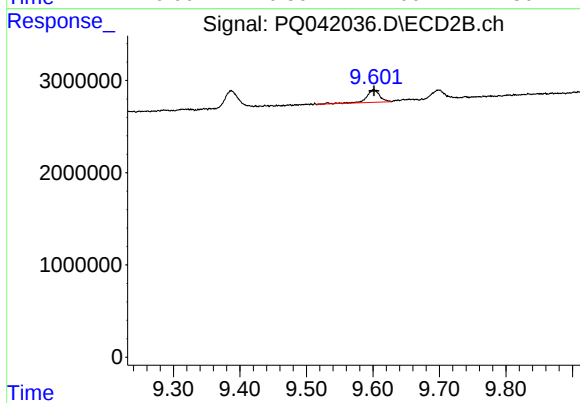
#42 AR-1268-2

R.T.: 9.387 min  
Delta R.T.: 0.000 min  
Response: 2449177  
Conc: 2.13 ng/ml



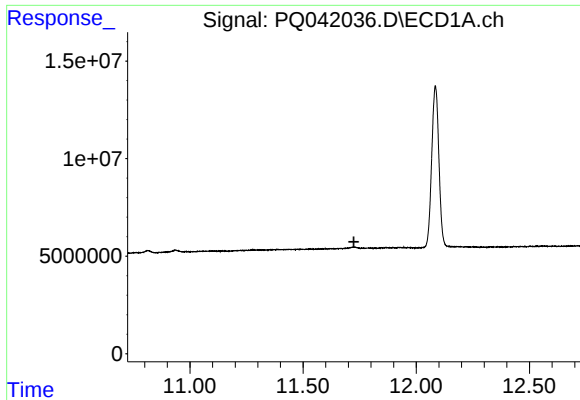
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 10.816 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

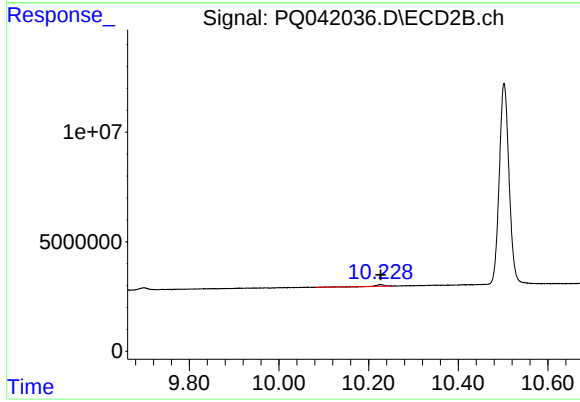
R.T.: 9.601 min  
Delta R.T.: 0.000 min  
Response: 1834724  
Conc: 1.86 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 11.724 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 10.227 min  
Delta R.T.: 0.000 min  
Response: 843823  
Conc: 0.29 ng/ml