

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121218\  
 Data File : PQ035413.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2018 22:43  
 Operator : SM\SJ  
 Sample : J6189-05  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 12 23:43:34 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Dec 12 22:07:58 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... | 4.438  | 3.747 | 69412315 | 39792319 | 17.741  | 17.809    |
| 2)                          | SA Decachlor... | 10.151 | 8.733 | 44060597 | 21579379 | 14.948  | 12.209    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.541  | 4.823 | 2641709  | 1475224  | 20.647  | 19.133    |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.823 | 0        | 1475224  | N.D.    | 13.037 #  |
| 5)                          | L1 AR-1016-3    | 5.757  | 5.059 | 1591230  | 4448891  | 13.903  | 76.180 #  |
| 6)                          | L1 AR-1016-4    | 5.757  | 5.059 | 1591230  | 4448891  | 16.710  | 94.616 #  |
| 7)                          | L1 AR-1016-5    | 6.080  | 5.221 | 2291663  | 1635784  | 25.173  | 26.647    |
| 12)                         | L3 AR-1232-2    | 5.335  | 4.823 | 7948130  | 1475224  | 206.241 | 30.068 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.059 | 0        | 4448891  | N.D.    | 174.115 # |
| 14)                         | L3 AR-1232-4    | 5.757  | 5.059 | 1591230  | 4448891  | 39.739  | 194.987 # |
| 15)                         | L3 AR-1232-5    | 5.929  | 5.221 | 1889041  | 1635784  | 59.650  | 65.491    |
| 16)                         | L4 AR-1242-1    | 5.541  | 4.823 | 2641709  | 1475224  | 27.381  | 24.931    |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.823 | 0        | 1475224  | N.D.    | 17.132 #  |
| 18)                         | L4 AR-1242-3    | 5.757  | 5.059 | 1591230  | 4448891  | 18.392  | 98.787 #  |
| 19)                         | L4 AR-1242-4    | 5.757  | 5.059 | 1591230  | 4448891  | 23.001  | 100.468 # |
| 20)                         | L4 AR-1242-5    | 6.456  | 5.623 | 4125618  | 2929164  | 52.587  | 53.075    |
| 21)                         | L5 AR-1248-1    | 5.541  | 4.823 | 2641709  | 1475224  | 40.022  | 37.390    |
| 22)                         | L5 AR-1248-2    | 5.929  | 5.059 | 1889041  | 4448891  | 19.930  | 81.971 #  |
| 23)                         | L5 AR-1248-3    | 6.080  | 5.059 | 2291663  | 4448891  | 21.932  | 79.725 #  |
| 24)                         | L5 AR-1248-4    | 6.456  | 5.221 | 4125618  | 1635784  | 33.501  | 23.630 #  |
| 25)                         | L5 AR-1248-5    | 6.456  | 5.623 | 4125618  | 2929164  | 35.264  | 41.559    |
| 26)                         | L6 AR-1254-1    | 6.456  | 5.623 | 4125618  | 2929164  | 27.101  | 21.960    |
| 27)                         | L6 AR-1254-2    | 6.673  | 5.771 | 8358370  | 1326227  | 35.326  | 11.478 #  |
| 28)                         | L6 AR-1254-3    | 7.051  | 6.187 | 11850949 | 7900282  | 46.156  | 40.922    |
| 29)                         | L6 AR-1254-4    | 7.326  | 0.000 | 2032715  | 0        | 11.211  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.745  | 6.812 | 6971768  | 2855816  | 35.543  | 17.535 #  |
| 31)                         | L7 AR-1260-1    | 7.201  | 6.300 | 3790034  | 2098747  | 20.553  | 16.685    |
| 32)                         | L7 AR-1260-2    | 7.458  | 6.486 | 32196639 | 2668307  | 148.178 | 17.669 #  |
| 33)                         | L7 AR-1260-3    | 7.815  | 6.638 | 1963214  | 1997978  | 14.655  | 14.298    |
| 34)                         | L7 AR-1260-4    | 8.045  | 0.000 | 2415480  | 0        | 14.656  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.365  | 7.349 | 4123028  | 4530199  | 13.828  | 20.188 #  |
| 36)                         | L8 AR-1262-1    | 7.815  | 6.812 | 1963214  | 2855816  | 8.961   | 18.609 #  |
| 37)                         | L8 AR-1262-2    | 8.365  | 7.349 | 4123028  | 4530199  | 10.945  | 16.976 #  |
| 38)                         | L8 AR-1262-3    | 8.695  | 7.694 | 3193120  | 2300816  | 13.283  | 22.170 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.694 | 0        | 2300816  | N.D.    | 12.420 #  |
| 41)                         | L9 AR-1268-1    | 8.695  | 7.694 | 3193120  | 2300816  | 6.618   | 6.900     |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.694 | 0        | 2300816  | N.D.    | 7.764 #   |
| -----                       |                 |        |       |          |          |         |           |

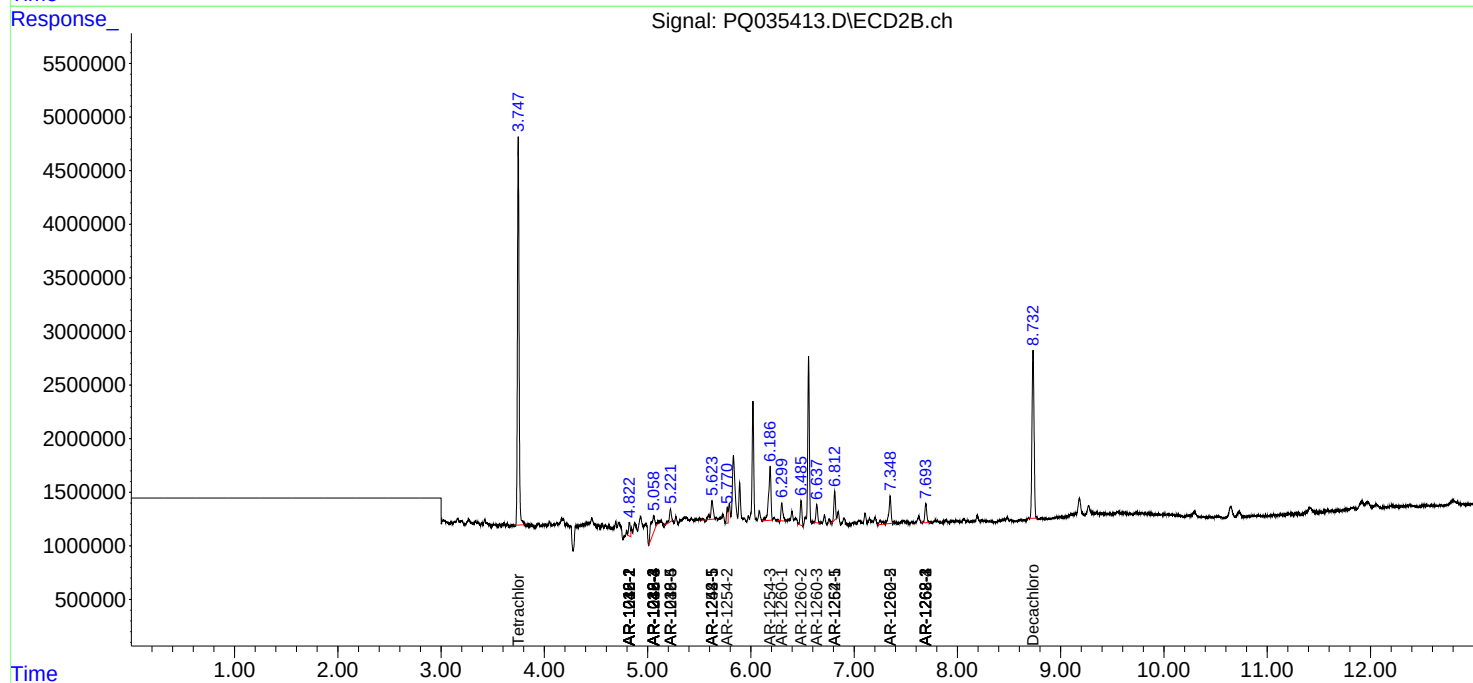
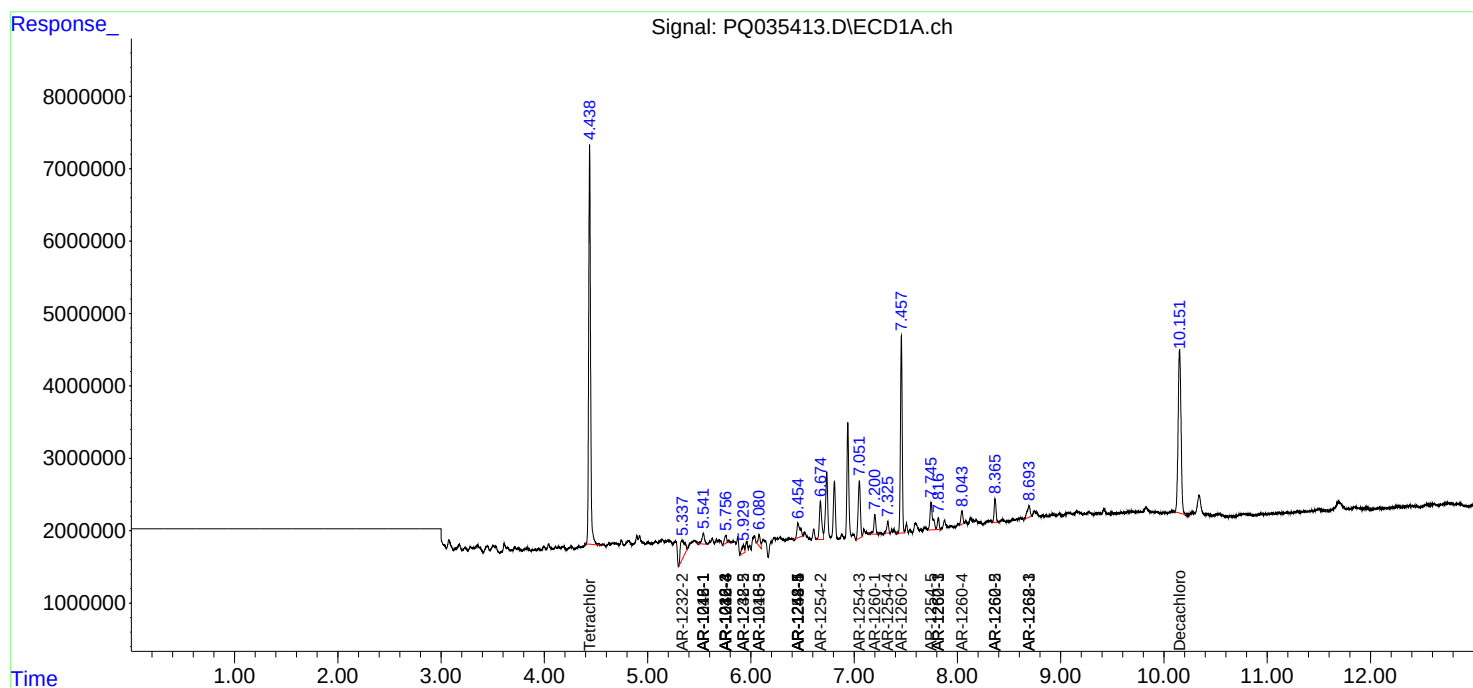
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

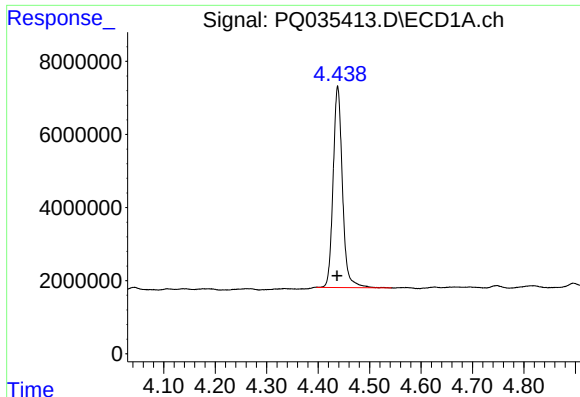
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ121218\  
Data File : PQ035413.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Dec 2018 22:43  
Operator : SM\SJ  
Sample : J6189-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 23:43:34 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Dec 12 22:07:58 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

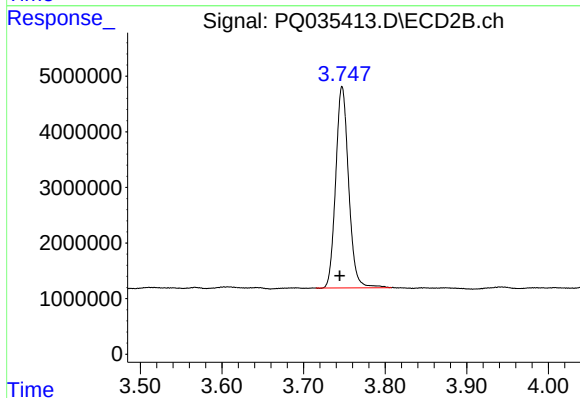




#1 Tetrachloro-m-xylene

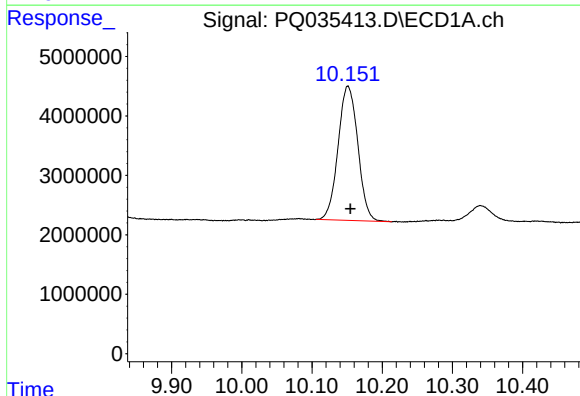
R.T.: 4.438 min  
Delta R.T.: 0.001 min  
Response: 69412315  
Conc: 17.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



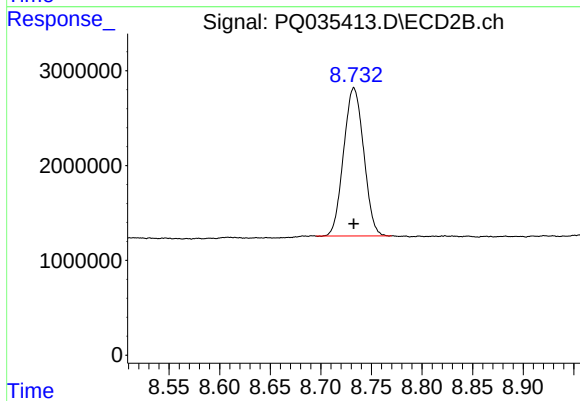
#1 Tetrachloro-m-xylene

R.T.: 3.747 min  
Delta R.T.: 0.003 min  
Response: 39792319  
Conc: 17.81 ng/ml



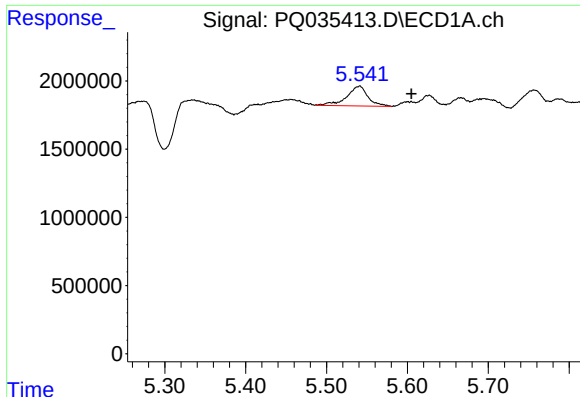
#2 Decachlorobiphenyl

R.T.: 10.151 min  
Delta R.T.: -0.004 min  
Response: 44060597  
Conc: 14.95 ng/ml



#2 Decachlorobiphenyl

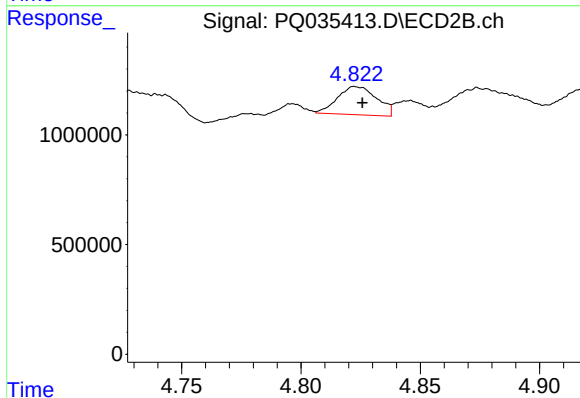
R.T.: 8.733 min  
Delta R.T.: 0.000 min  
Response: 21579379  
Conc: 12.21 ng/ml



#3 AR-1016-1

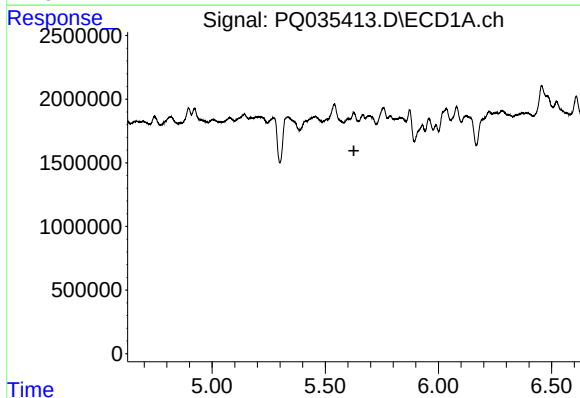
R.T.: 5.541 min  
Delta R.T.: -0.064 min  
Response: 2641709  
Conc: 20.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



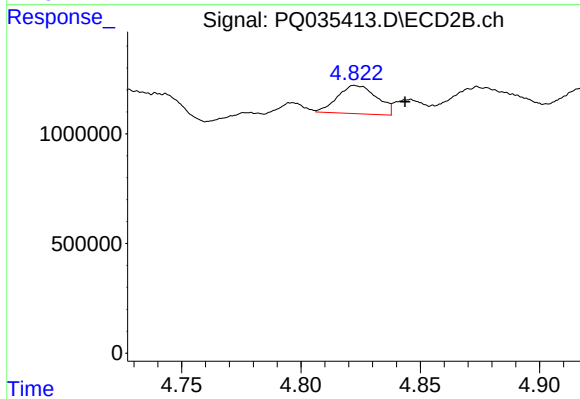
#3 AR-1016-1

R.T.: 4.823 min  
Delta R.T.: -0.003 min  
Response: 1475224  
Conc: 19.13 ng/ml



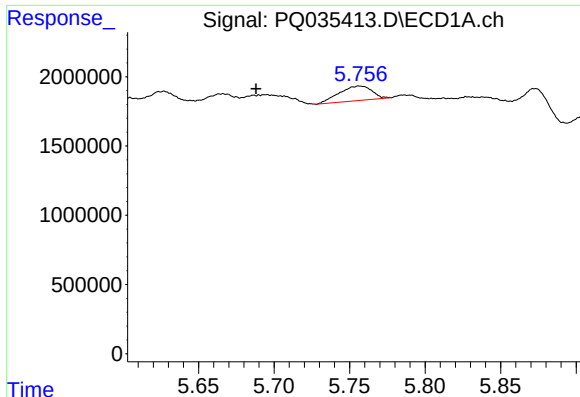
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.626 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

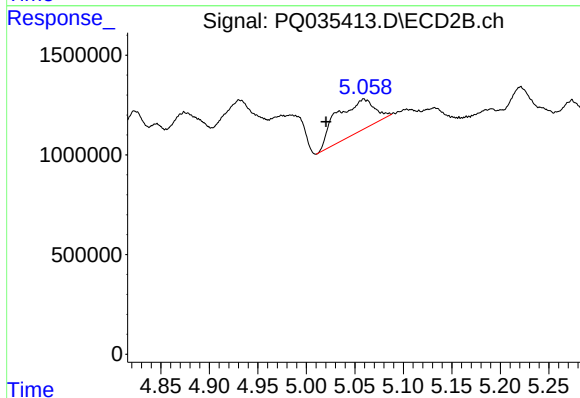
R.T.: 4.823 min  
Delta R.T.: -0.021 min  
Response: 1475224  
Conc: 13.04 ng/ml



#5 AR-1016-3

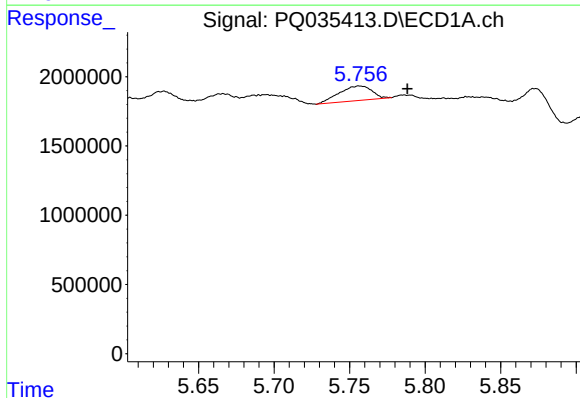
R.T.: 5.757 min  
Delta R.T.: 0.069 min  
Response: 1591230  
Conc: 13.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



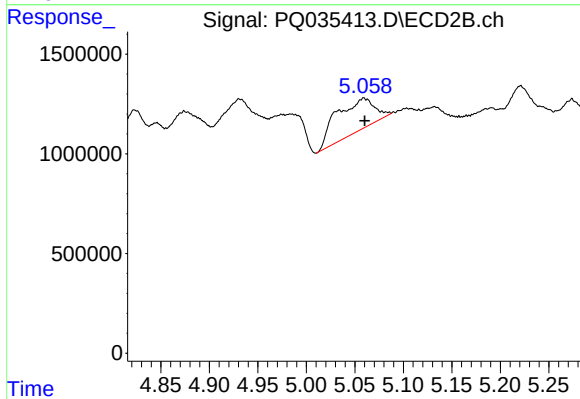
#5 AR-1016-3

R.T.: 5.059 min  
Delta R.T.: 0.039 min  
Response: 4448891  
Conc: 76.18 ng/ml



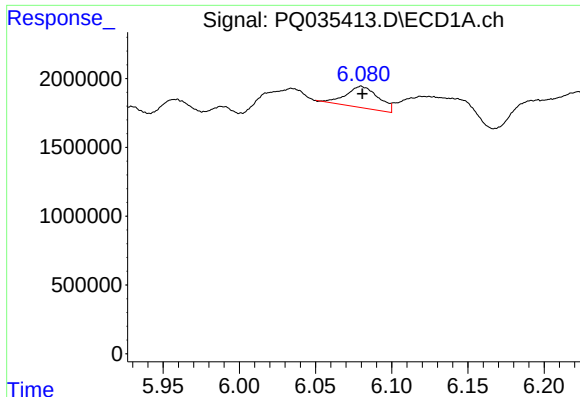
#6 AR-1016-4

R.T.: 5.757 min  
Delta R.T.: -0.031 min  
Response: 1591230  
Conc: 16.71 ng/ml



#6 AR-1016-4

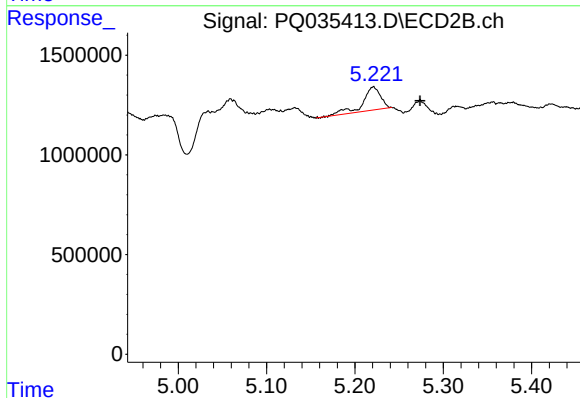
R.T.: 5.059 min  
Delta R.T.: 0.000 min  
Response: 4448891  
Conc: 94.62 ng/ml



#7 AR-1016-5

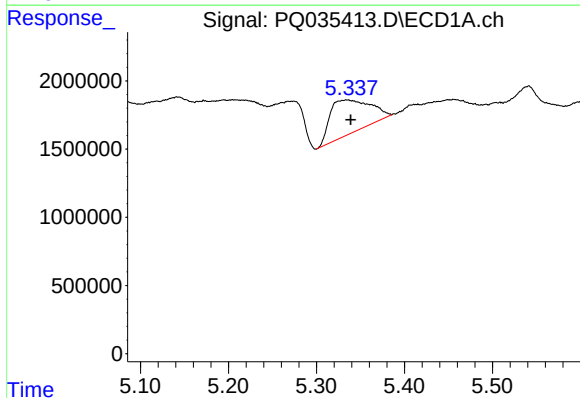
R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 2291663  
Conc: 25.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



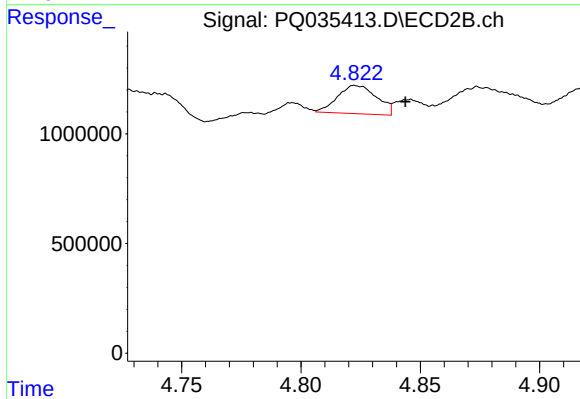
#7 AR-1016-5

R.T.: 5.221 min  
Delta R.T.: -0.053 min  
Response: 1635784  
Conc: 26.65 ng/ml



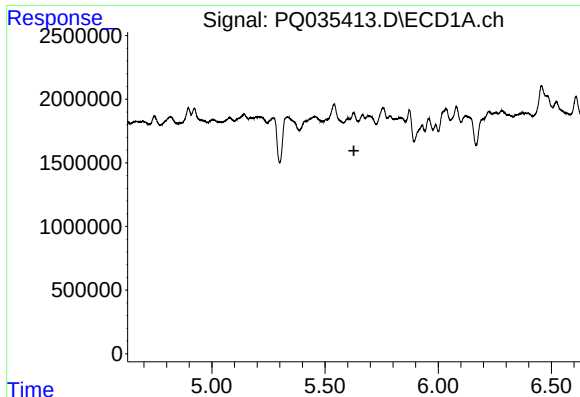
#12 AR-1232-2

R.T.: 5.335 min  
Delta R.T.: -0.004 min  
Response: 7948130  
Conc: 206.24 ng/ml



#12 AR-1232-2

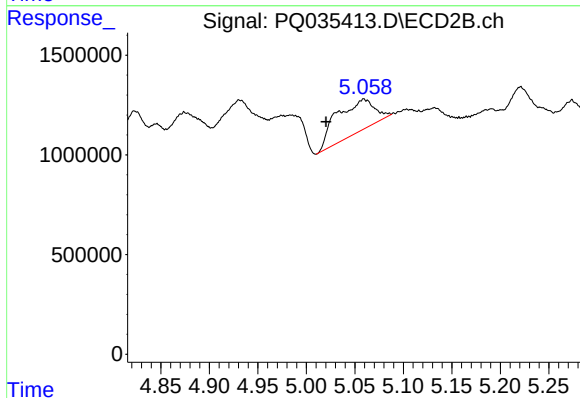
R.T.: 4.823 min  
Delta R.T.: -0.021 min  
Response: 1475224  
Conc: 30.07 ng/ml



#13 AR-1232-3

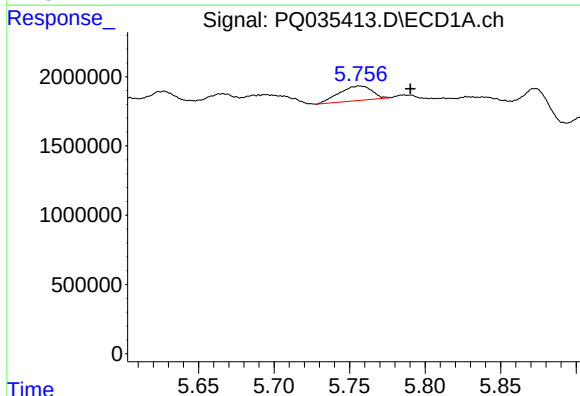
R.T.: 0.000 min  
Exp R.T.: 5.627 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



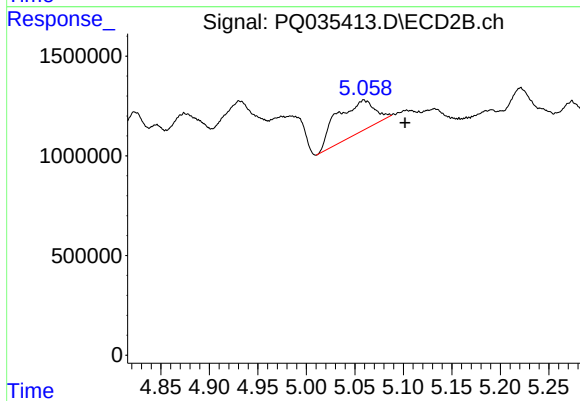
#13 AR-1232-3

R.T.: 5.059 min  
Delta R.T.: 0.039 min  
Response: 4448891  
Conc: 174.11 ng/ml



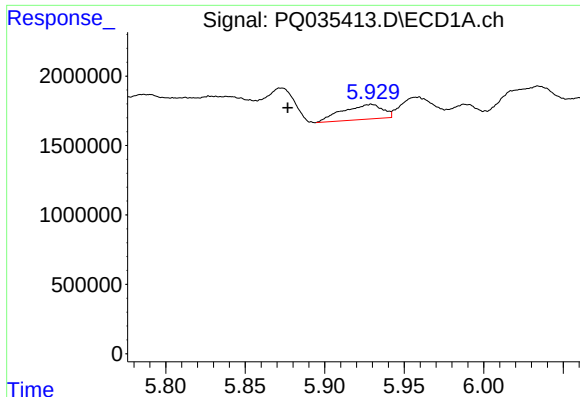
#14 AR-1232-4

R.T.: 5.757 min  
Delta R.T.: -0.033 min  
Response: 1591230  
Conc: 39.74 ng/ml



#14 AR-1232-4

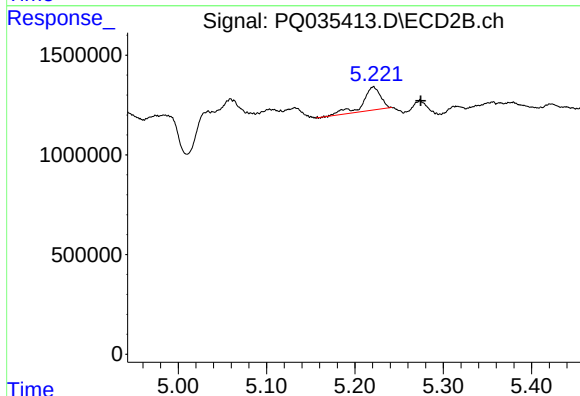
R.T.: 5.059 min  
Delta R.T.: -0.043 min  
Response: 4448891  
Conc: 194.99 ng/ml



#15 AR-1232-5

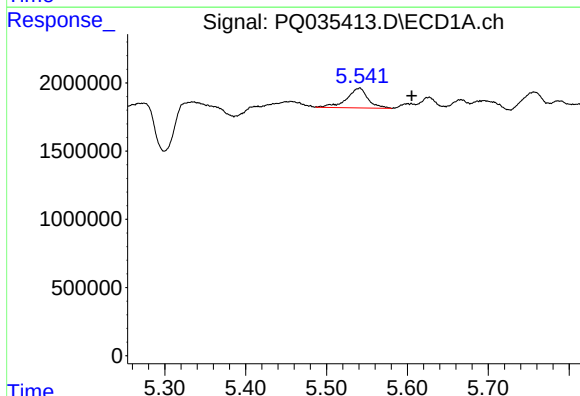
R.T.: 5.929 min  
Delta R.T.: 0.052 min  
Response: 1889041  
Conc: 59.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



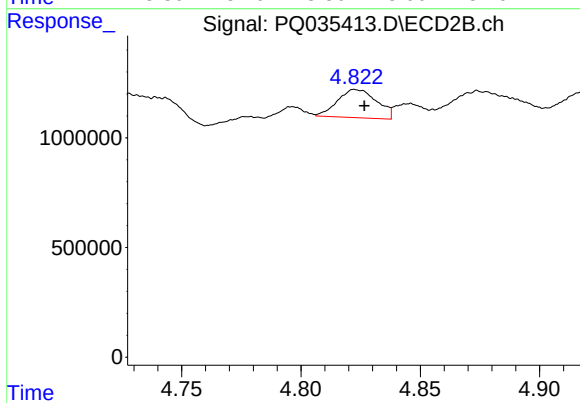
#15 AR-1232-5

R.T.: 5.221 min  
Delta R.T.: -0.053 min  
Response: 1635784  
Conc: 65.49 ng/ml



#16 AR-1242-1

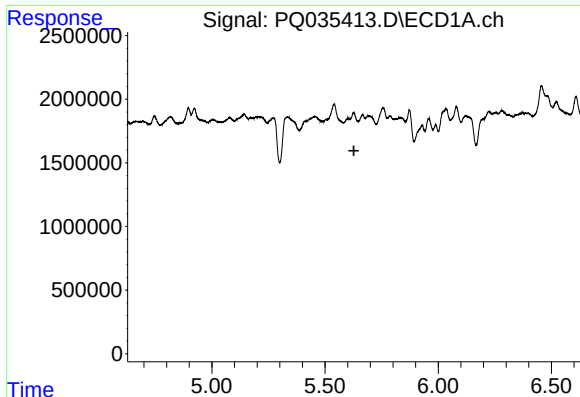
R.T.: 5.541 min  
Delta R.T.: -0.064 min  
Response: 2641709  
Conc: 27.38 ng/ml



#16 AR-1242-1

R.T.: 4.823 min  
Delta R.T.: -0.003 min  
Response: 1475224  
Conc: 24.93 ng/ml

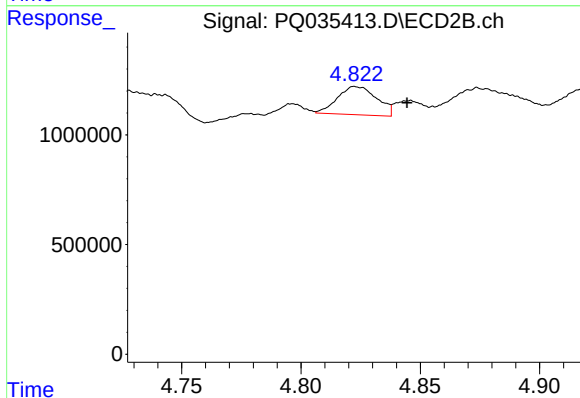




#17 AR-1242-2

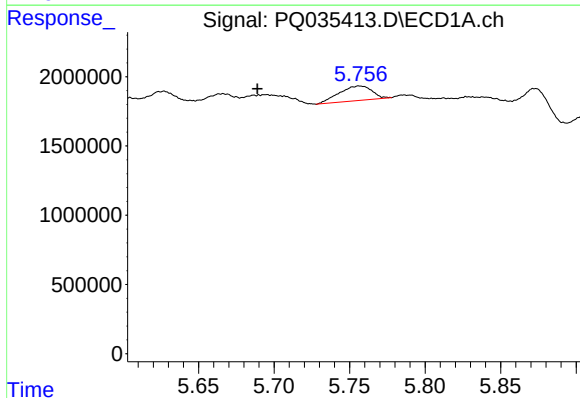
R.T.: 0.000 min  
Exp R.T.: 5.627 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



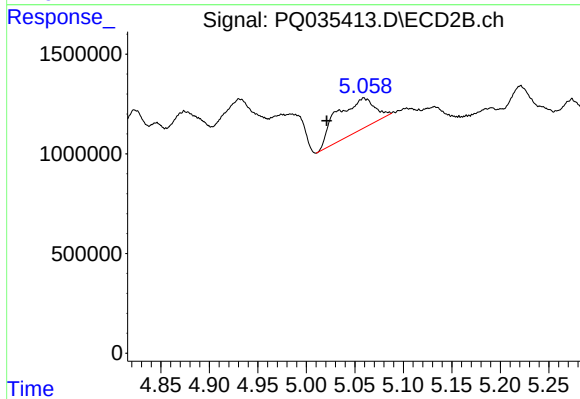
#17 AR-1242-2

R.T.: 4.823 min  
Delta R.T.: -0.021 min  
Response: 1475224  
Conc: 17.13 ng/ml



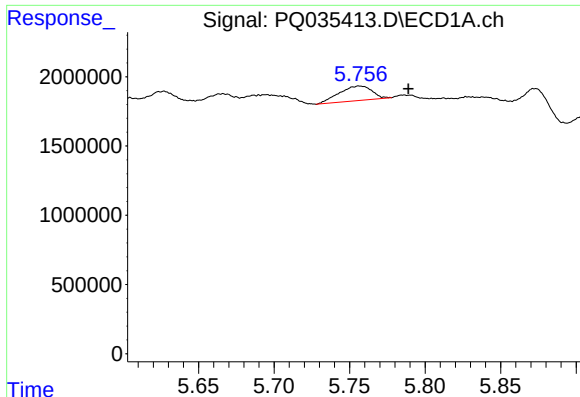
#18 AR-1242-3

R.T.: 5.757 min  
Delta R.T.: 0.068 min  
Response: 1591230  
Conc: 18.39 ng/ml



#18 AR-1242-3

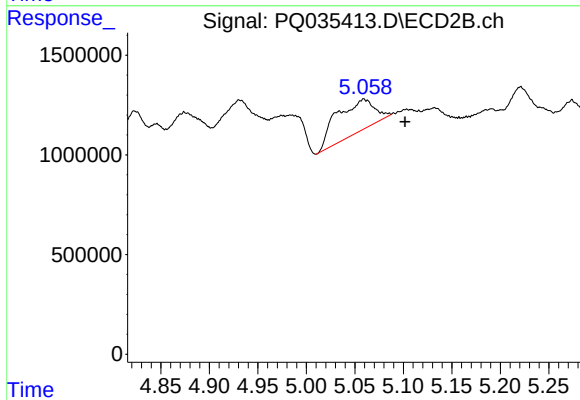
R.T.: 5.059 min  
Delta R.T.: 0.038 min  
Response: 4448891  
Conc: 98.79 ng/ml



#19 AR-1242-4

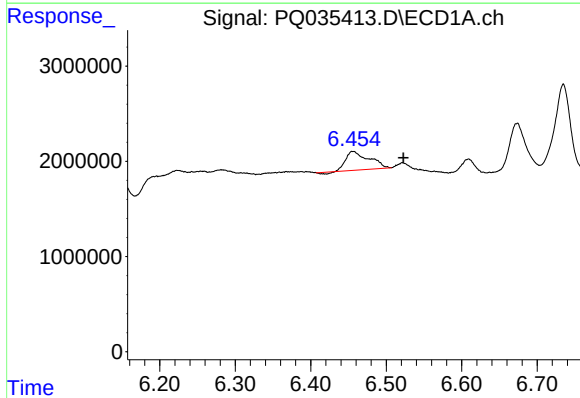
R.T.: 5.757 min  
Delta R.T.: -0.032 min  
Response: 1591230  
Conc: 23.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



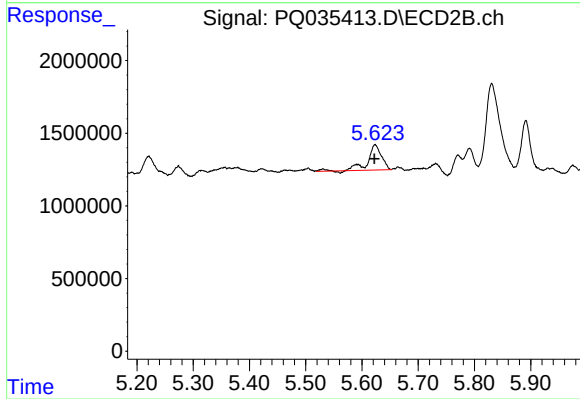
#19 AR-1242-4

R.T.: 5.059 min  
Delta R.T.: -0.043 min  
Response: 4448891  
Conc: 100.47 ng/ml



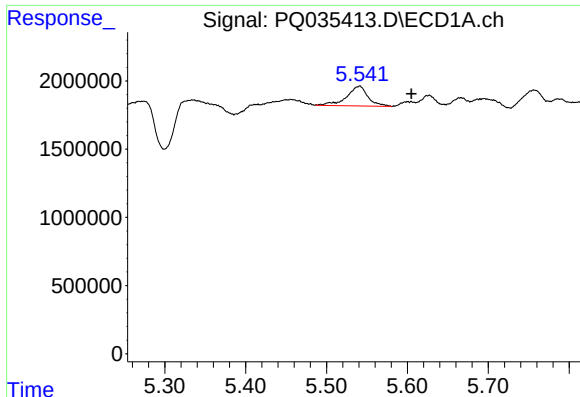
#20 AR-1242-5

R.T.: 6.456 min  
Delta R.T.: -0.067 min  
Response: 4125618  
Conc: 52.59 ng/ml



#20 AR-1242-5

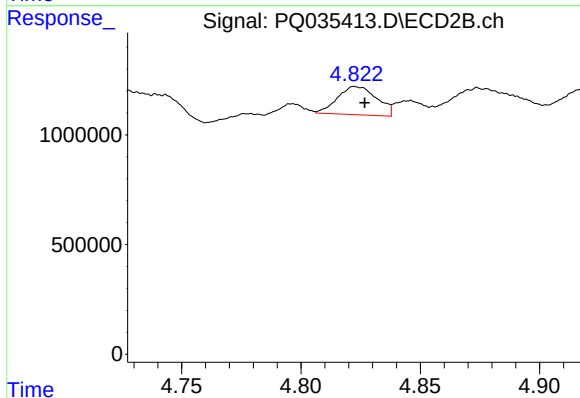
R.T.: 5.623 min  
Delta R.T.: 0.001 min  
Response: 2929164  
Conc: 53.07 ng/ml



#21 AR-1248-1

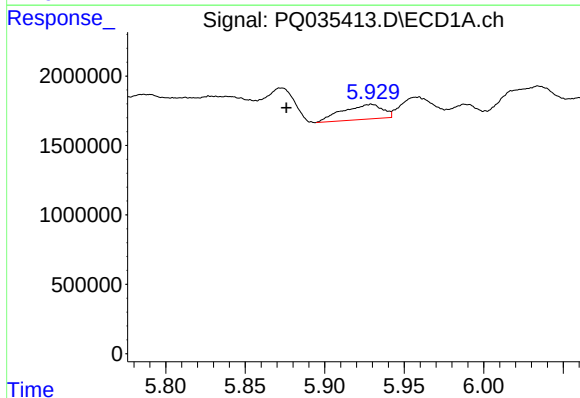
R.T.: 5.541 min  
Delta R.T.: -0.064 min  
Response: 2641709  
Conc: 40.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



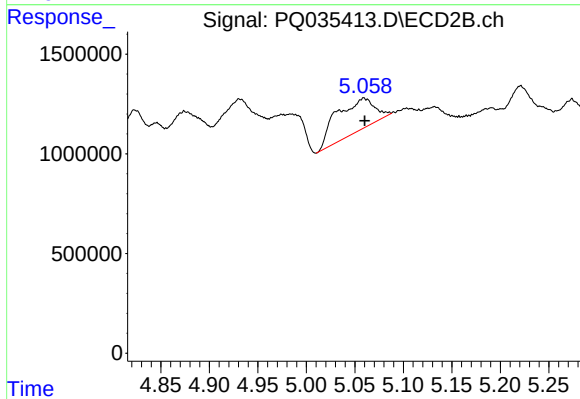
#21 AR-1248-1

R.T.: 4.823 min  
Delta R.T.: -0.004 min  
Response: 1475224  
Conc: 37.39 ng/ml



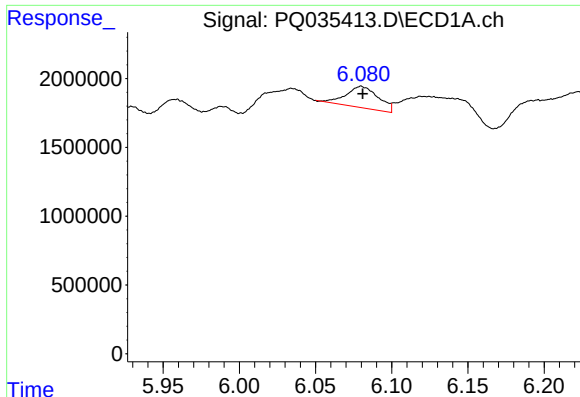
#22 AR-1248-2

R.T.: 5.929 min  
Delta R.T.: 0.053 min  
Response: 1889041  
Conc: 19.93 ng/ml



#22 AR-1248-2

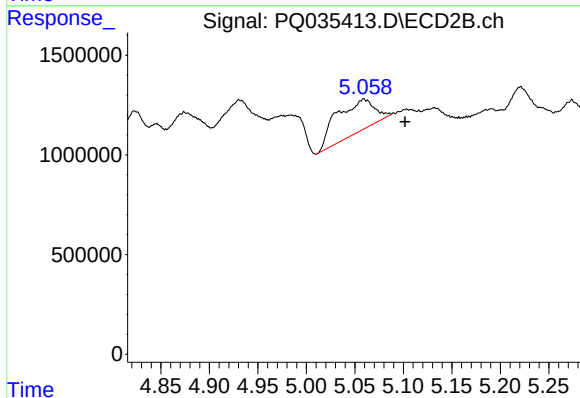
R.T.: 5.059 min  
Delta R.T.: 0.000 min  
Response: 4448891  
Conc: 81.97 ng/ml



#23 AR-1248-3

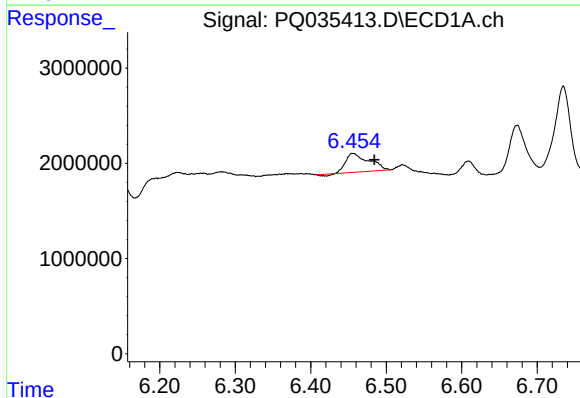
R.T.: 6.080 min  
Delta R.T.: -0.001 min  
Response: 2291663  
Conc: 21.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



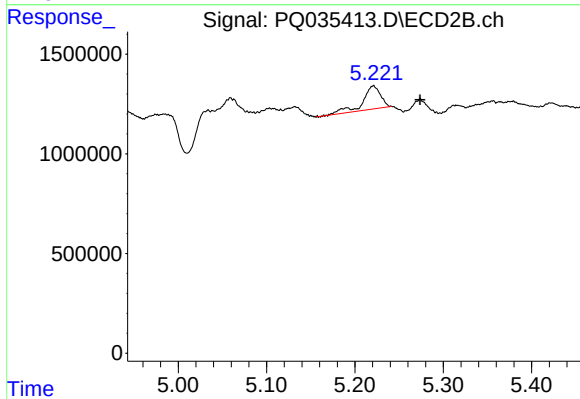
#23 AR-1248-3

R.T.: 5.059 min  
Delta R.T.: -0.042 min  
Response: 4448891  
Conc: 79.73 ng/ml



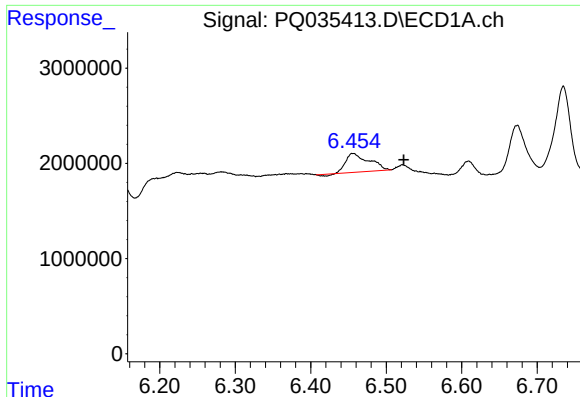
#24 AR-1248-4

R.T.: 6.456 min  
Delta R.T.: -0.028 min  
Response: 4125618  
Conc: 33.50 ng/ml



#24 AR-1248-4

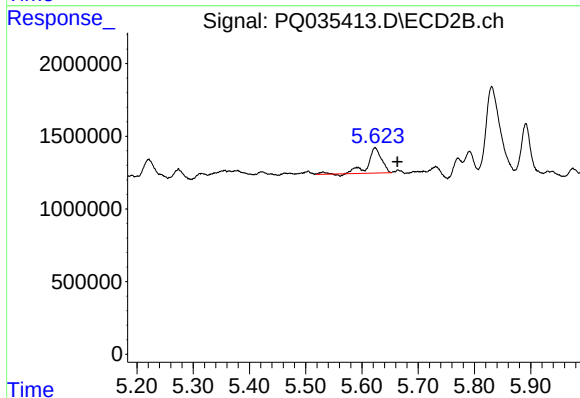
R.T.: 5.221 min  
Delta R.T.: -0.053 min  
Response: 1635784  
Conc: 23.63 ng/ml



#25 AR-1248-5

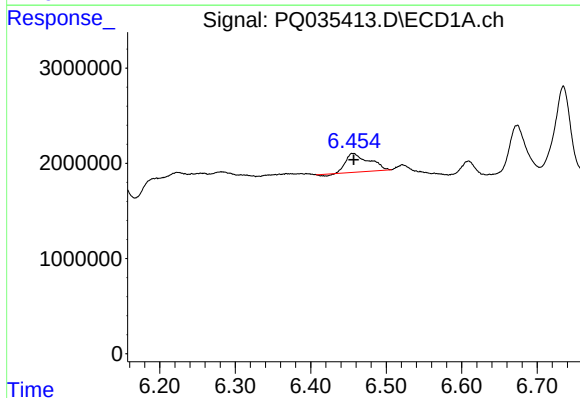
R.T.: 6.456 min  
Delta R.T.: -0.067 min  
Response: 4125618  
Conc: 35.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



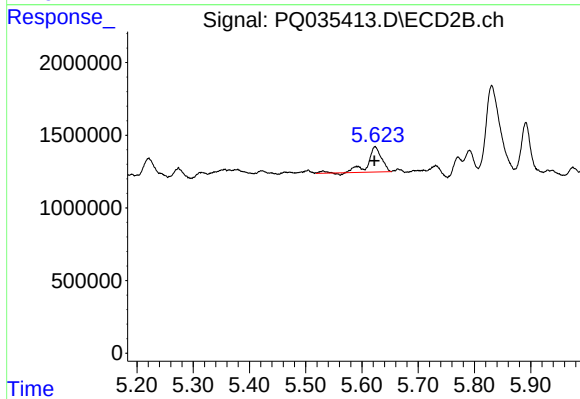
#25 AR-1248-5

R.T.: 5.623 min  
Delta R.T.: -0.040 min  
Response: 2929164  
Conc: 41.56 ng/ml



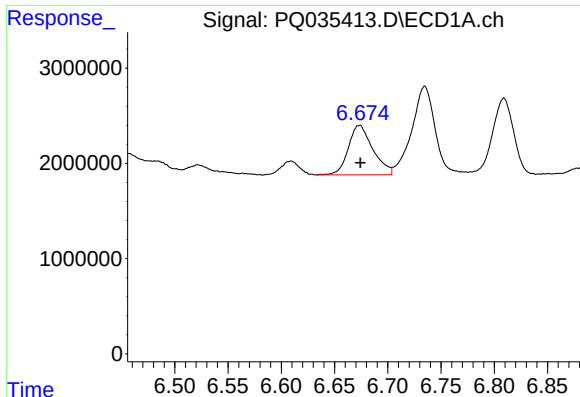
#26 AR-1254-1

R.T.: 6.456 min  
Delta R.T.: -0.001 min  
Response: 4125618  
Conc: 27.10 ng/ml



#26 AR-1254-1

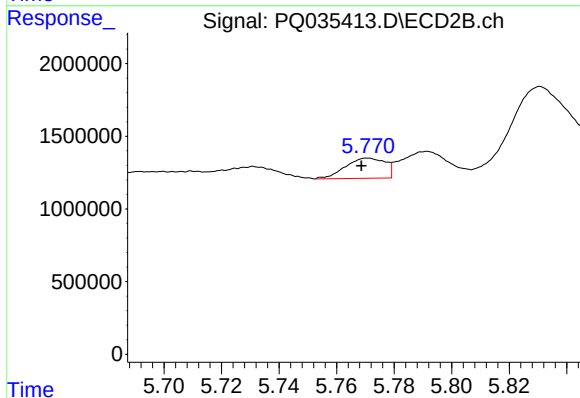
R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 2929164  
Conc: 21.96 ng/ml



#27 AR-1254-2

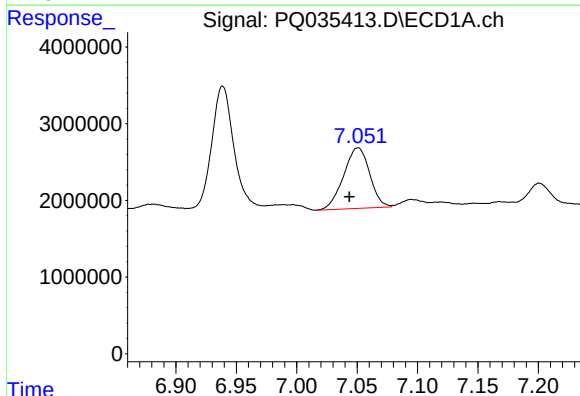
R.T.: 6.673 min  
Delta R.T.: 0.000 min  
Response: 8358370  
Conc: 35.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



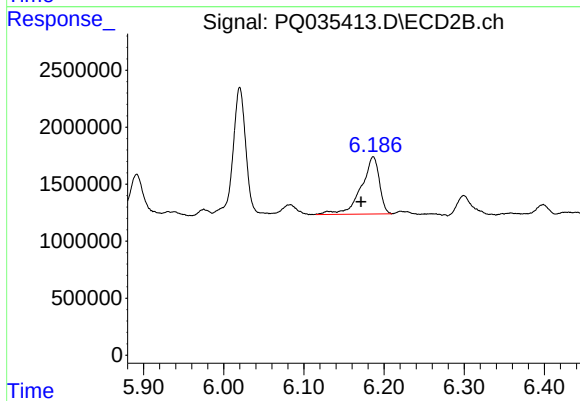
#27 AR-1254-2

R.T.: 5.771 min  
Delta R.T.: 0.002 min  
Response: 1326227  
Conc: 11.48 ng/ml



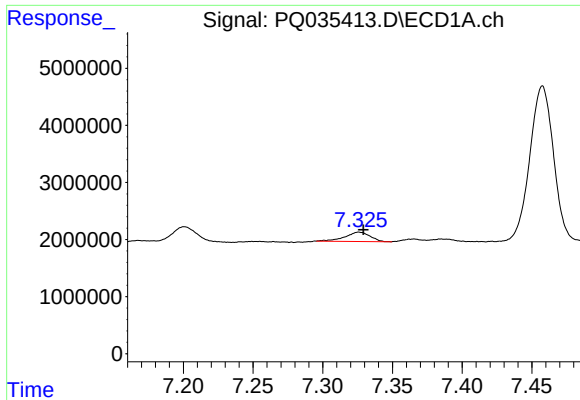
#28 AR-1254-3

R.T.: 7.051 min  
Delta R.T.: 0.007 min  
Response: 11850949  
Conc: 46.16 ng/ml



#28 AR-1254-3

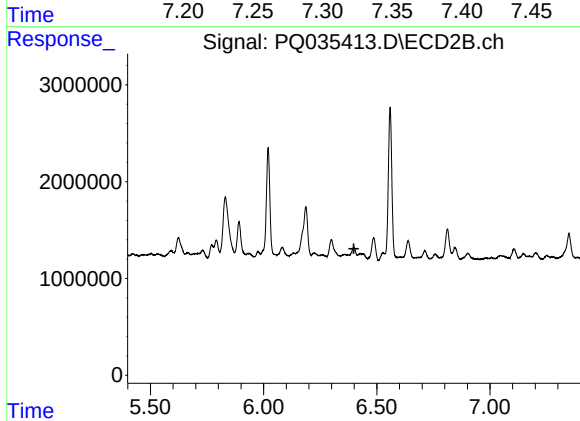
R.T.: 6.187 min  
Delta R.T.: 0.015 min  
Response: 7900282  
Conc: 40.92 ng/ml



#29 AR-1254-4

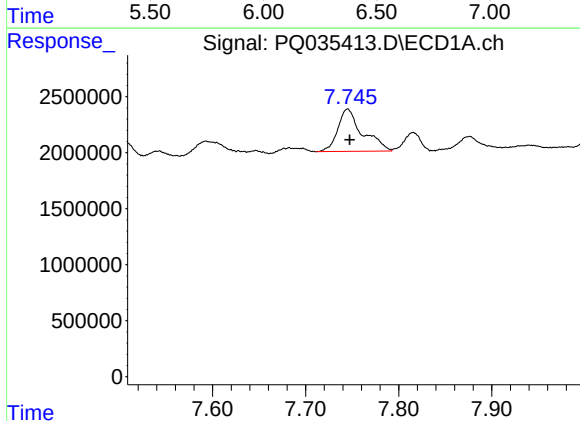
R.T.: 7.326 min  
Delta R.T.: -0.003 min  
Response: 2032715  
Conc: 11.21 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



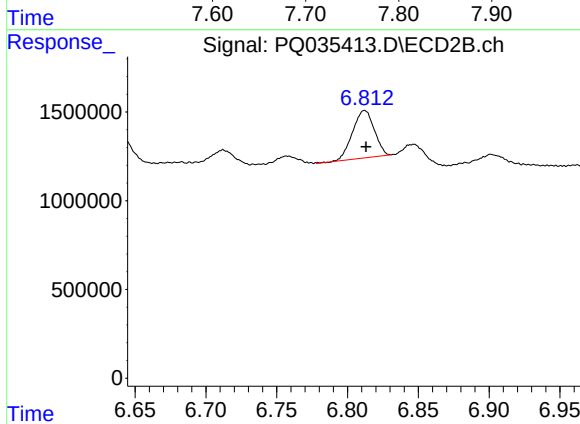
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.399 min  
Response: 0  
Conc: N.D.



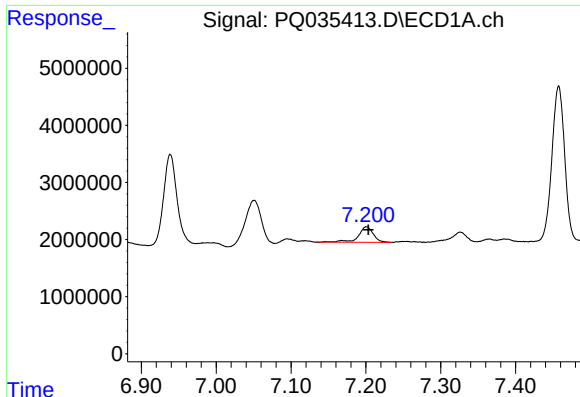
#30 AR-1254-5

R.T.: 7.745 min  
Delta R.T.: -0.002 min  
Response: 6971768  
Conc: 35.54 ng/ml



#30 AR-1254-5

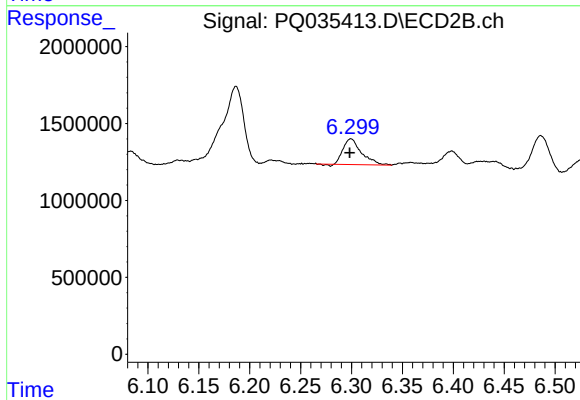
R.T.: 6.812 min  
Delta R.T.: -0.001 min  
Response: 2855816  
Conc: 17.54 ng/ml



#31 AR-1260-1

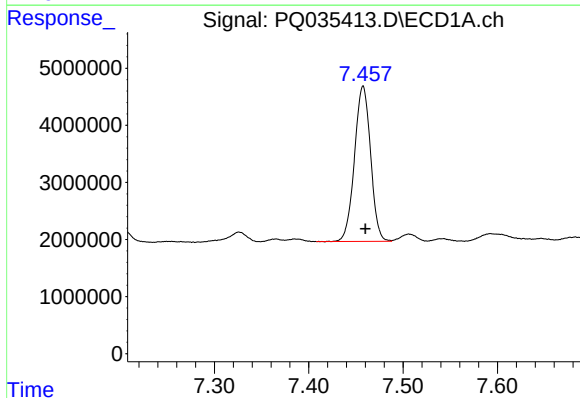
R.T.: 7.201 min  
Delta R.T.: -0.003 min  
Response: 3790034  
Conc: 20.55 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



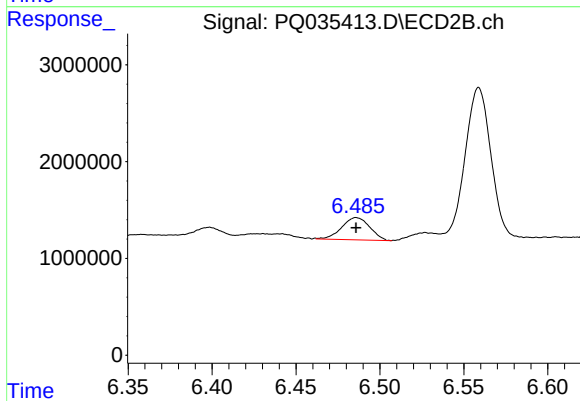
#31 AR-1260-1

R.T.: 6.300 min  
Delta R.T.: 0.001 min  
Response: 2098747  
Conc: 16.68 ng/ml



#32 AR-1260-2

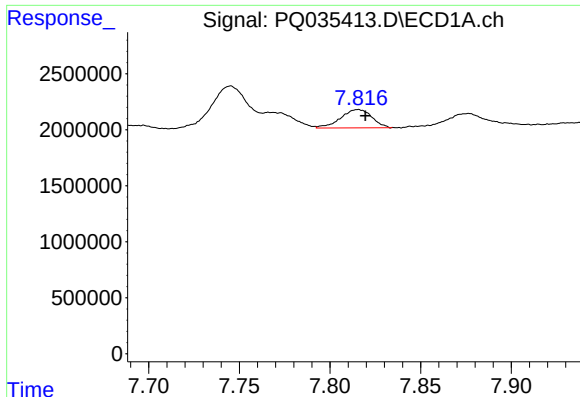
R.T.: 7.458 min  
Delta R.T.: -0.002 min  
Response: 32196639  
Conc: 148.18 ng/ml



#32 AR-1260-2

R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 2668307  
Conc: 17.67 ng/ml

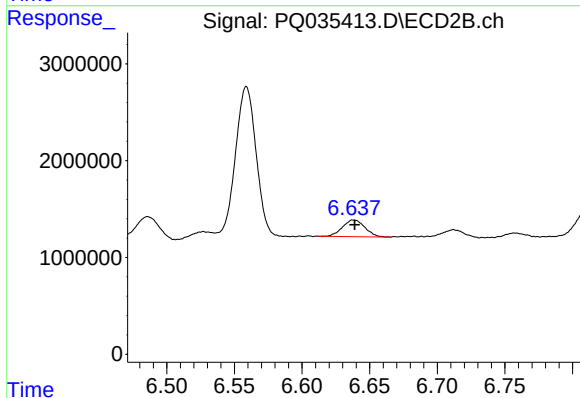




#33 AR-1260-3

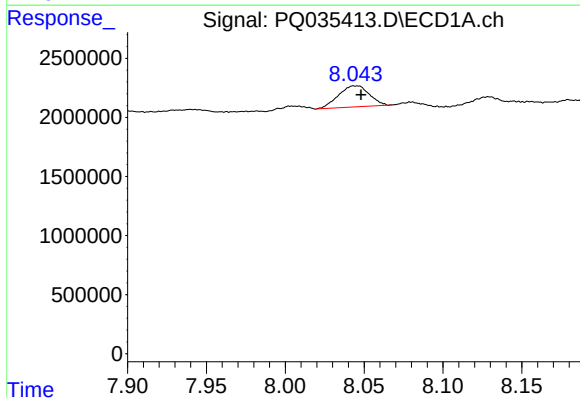
R.T.: 7.815 min  
Delta R.T.: -0.004 min  
Response: 1963214  
Conc: 14.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



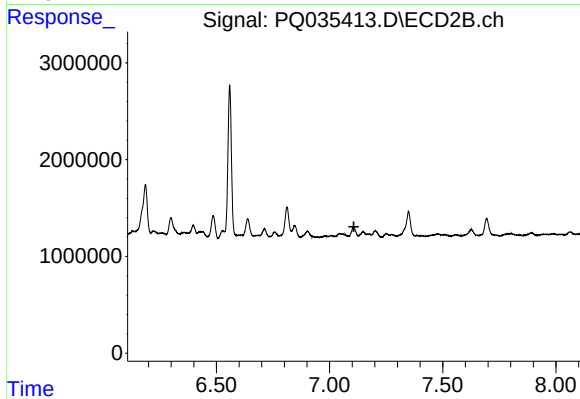
#33 AR-1260-3

R.T.: 6.638 min  
Delta R.T.: 0.000 min  
Response: 1997978  
Conc: 14.30 ng/ml



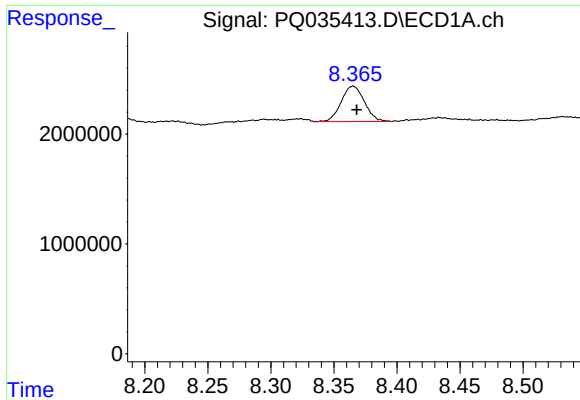
#34 AR-1260-4

R.T.: 8.045 min  
Delta R.T.: -0.003 min  
Response: 2415480  
Conc: 14.66 ng/ml



#34 AR-1260-4

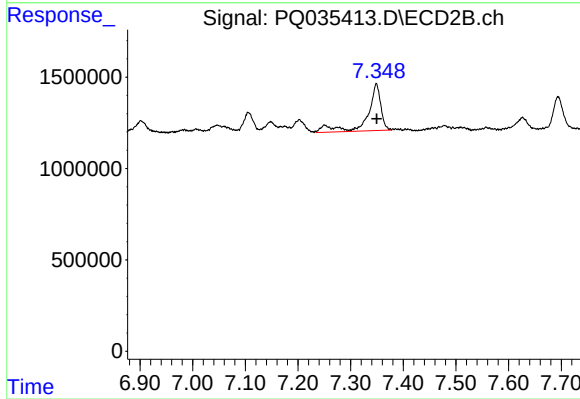
R.T.: 0.000 min  
Exp R.T. : 7.107 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

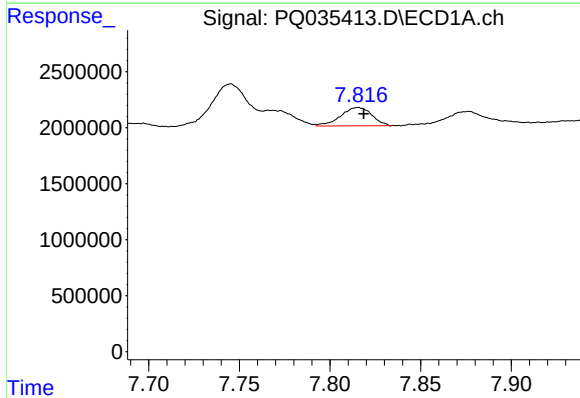
R.T.: 8.365 min  
Delta R.T.: -0.003 min  
Response: 4123028  
Conc: 13.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



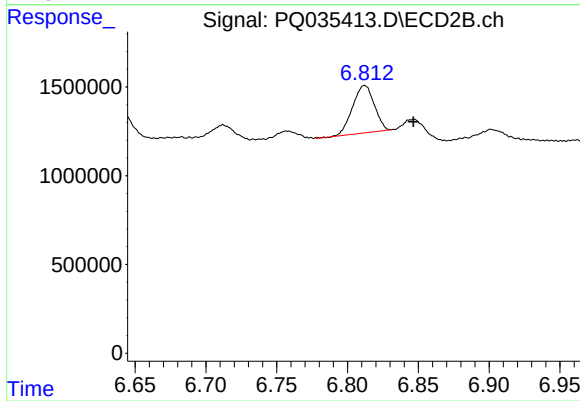
#35 AR-1260-5

R.T.: 7.349 min  
Delta R.T.: 0.000 min  
Response: 4530199  
Conc: 20.19 ng/ml



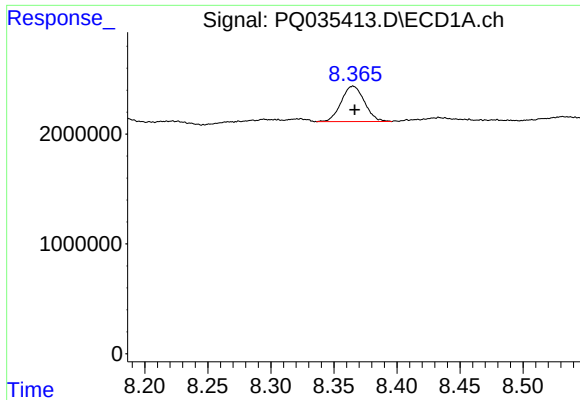
#36 AR-1262-1

R.T.: 7.815 min  
Delta R.T.: -0.003 min  
Response: 1963214  
Conc: 8.96 ng/ml



#36 AR-1262-1

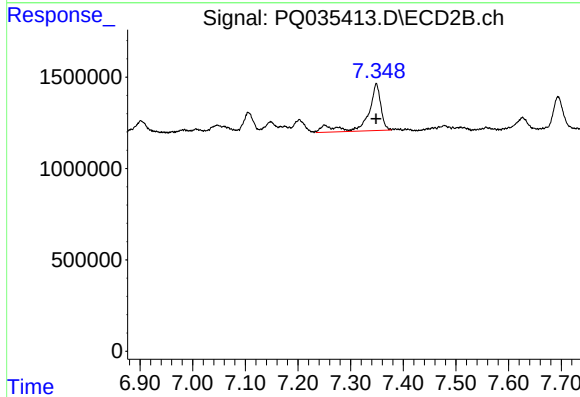
R.T.: 6.812 min  
Delta R.T.: -0.034 min  
Response: 2855816  
Conc: 18.61 ng/ml



#37 AR-1262-2

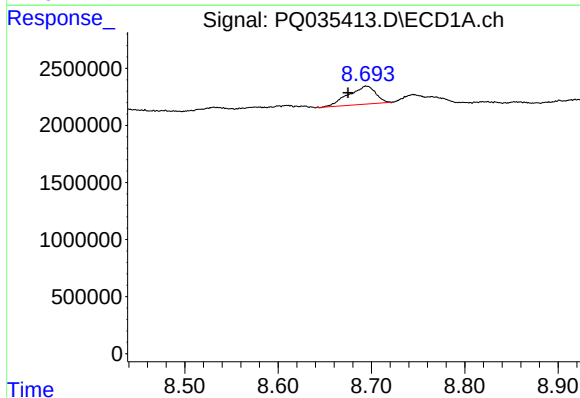
R.T.: 8.365 min  
Delta R.T.: -0.001 min  
Response: 4123028  
Conc: 10.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



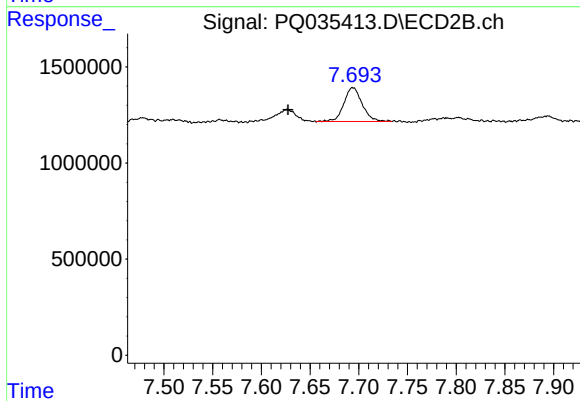
#37 AR-1262-2

R.T.: 7.349 min  
Delta R.T.: 0.000 min  
Response: 4530199  
Conc: 16.98 ng/ml



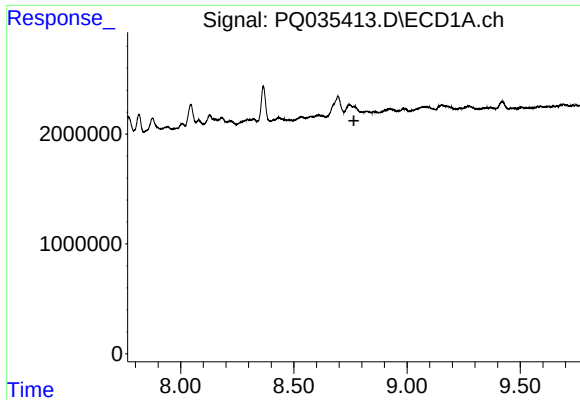
#38 AR-1262-3

R.T.: 8.695 min  
Delta R.T.: 0.020 min  
Response: 3193120  
Conc: 13.28 ng/ml



#38 AR-1262-3

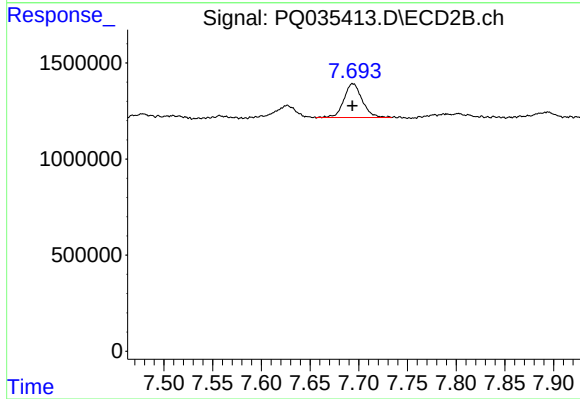
R.T.: 7.694 min  
Delta R.T.: 0.067 min  
Response: 2300816  
Conc: 22.17 ng/ml



#39 AR-1262-4

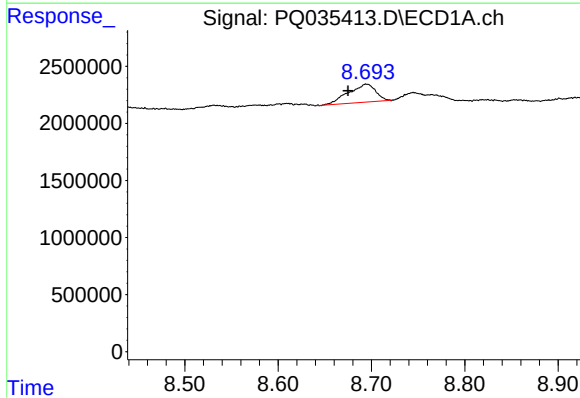
R.T.: 0.000 min  
Exp R.T.: 8.765 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



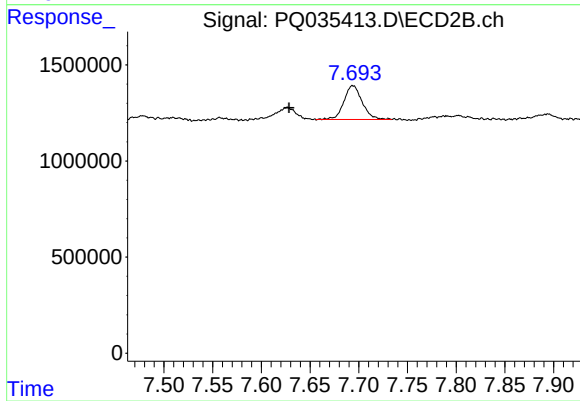
#39 AR-1262-4

R.T.: 7.694 min  
Delta R.T.: 0.000 min  
Response: 2300816  
Conc: 12.42 ng/ml



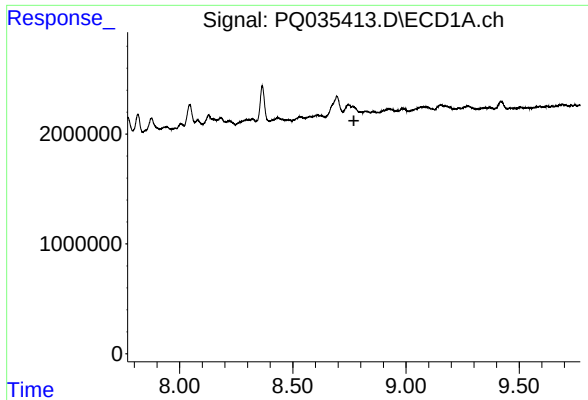
#41 AR-1268-1

R.T.: 8.695 min  
Delta R.T.: 0.020 min  
Response: 3193120  
Conc: 6.62 ng/ml



#41 AR-1268-1

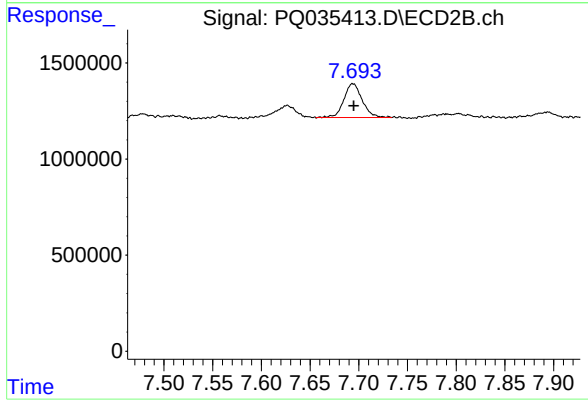
R.T.: 7.694 min  
Delta R.T.: 0.066 min  
Response: 2300816  
Conc: 6.90 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.770 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



#42 AR-1268-2

R.T.: 7.694 min  
Delta R.T.: 0.000 min  
Response: 2300816  
Conc: 7.76 ng/ml