

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ083018\  
 Data File : PQ031492.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Aug 2018 17:28  
 Operator : SM\SJ  
 Sample : J4683-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 30 02:47:02 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ082018.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 22 08:49:07 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... | 4.603  | 3.879 | 37983604 | 29304617 | 18.255  | 16.372    |
| 2)                          | SA Decachlor... | 10.463 | 8.965 | 36603317 | 34163889 | 19.384  | 17.972    |
|                             |                 |        |       |          |          |         |           |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.548  | 4.773 | 3205773  | 980056   | 65.696  | 22.118 #  |
| 6)                          | L1 AR-1016-4    | 6.048  | 0.000 | 2555927  | 0        | 58.860  | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.444  | 5.432 | 1123091  | 1230812  | 20.316  | 24.191    |
| 8)                          | L2 AR-1221-1    | 4.808  | 4.117 | 2517179  | 830240   | 126.093 | 51.716 #  |
| 9)                          | L2 AR-1221-2    | 4.882  | 4.117 | 6068195  | 830240   | 390.274 | 62.534 #  |
| 10)                         | L2 AR-1221-3    | 4.991  | 4.270 | 8696059  | 2812425  | 181.988 | 66.982 #  |
| 11)                         | L3 AR-1232-1    | 5.362  | 4.557 | 3587093  | 1626064  | 183.942 | 169.994   |
| 12)                         | L3 AR-1232-2    | 5.548  | 0.000 | 3205773  | 0        | 175.031 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.708  | 0.000 | 2587959  | 0        | 98.874  | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.239 | 0        | 3946908  | N.D.    | 245.082 # |
| 15)                         | L3 AR-1232-5    | 6.280  | 0.000 | 4827629  | 0        | 265.443 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.548  | 4.773 | 3205773  | 980056   | 93.363  | 32.612 #  |
| 17)                         | L4 AR-1242-2    | 5.708  | 0.000 | 2587959  | 0        | 55.629  | N.D. #    |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.239 | 0        | 3946908  | N.D.    | 124.395 # |
| 19)                         | L4 AR-1242-4    | 6.280  | 5.239 | 4827629  | 3946908  | 134.976 | 159.231   |
| 20)                         | L4 AR-1242-5    | 6.444  | 5.432 | 1123091  | 1230812  | 28.834  | 35.489    |
| 21)                         | L5 AR-1248-1    | 6.280  | 5.239 | 4827629  | 3946908  | 77.267  | 82.532    |
| 22)                         | L5 AR-1248-2    | 6.444  | 5.239 | 1123091  | 3946908  | 21.466  | 80.862 #  |
| 23)                         | L5 AR-1248-3    | 6.690  | 5.432 | 2701401  | 1230812  | 49.712  | 20.798 #  |
| 24)                         | L5 AR-1248-4    | 6.690  | 0.000 | 2701401  | 0        | 37.491  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.880  | 0.000 | 5870301  | 0        | 81.620  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.690  | 0.000 | 2701401  | 0        | 32.119  | N.D. #    |
| 27)                         | L6 AR-1254-2    | 6.880  | 0.000 | 5870301  | 0        | 44.279  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 7.111  | 0.000 | 1528240  | 0        | 18.946  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.542  | 6.631 | 2185376  | -791660  | 20.461  | N.D. #    |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.484 | 0        | 1824857  | N.D.    | 16.835 #  |
| 32)                         | L7 AR-1260-2    | 7.703  | 6.657 | 3293614  | 597042   | 25.757  | 4.575 #   |
| 34)                         | L7 AR-1260-4    | 8.586  | 7.592 | 2329580  | 1107648  | 10.952  | 4.603 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.878 | 0        | 2792793  | N.D.    | 16.086 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.484 | 0        | 1824857  | N.D.    | 21.009 #  |
| 37)                         | L8 AR-1262-2    | 7.703  | 6.657 | 3293614  | 597042   | 31.965  | 5.701 #   |
| 40)                         | L8 AR-1262-5    | 8.586  | 7.592 | 2329580  | 1107648  | 9.298   | 3.967 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.794 | 0        | 13061498 | N.D.    | 48.996 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.878 | 0        | 2792793  | N.D.    | 11.549 #  |
| -----                       |                 |        |       |          |          |         |           |

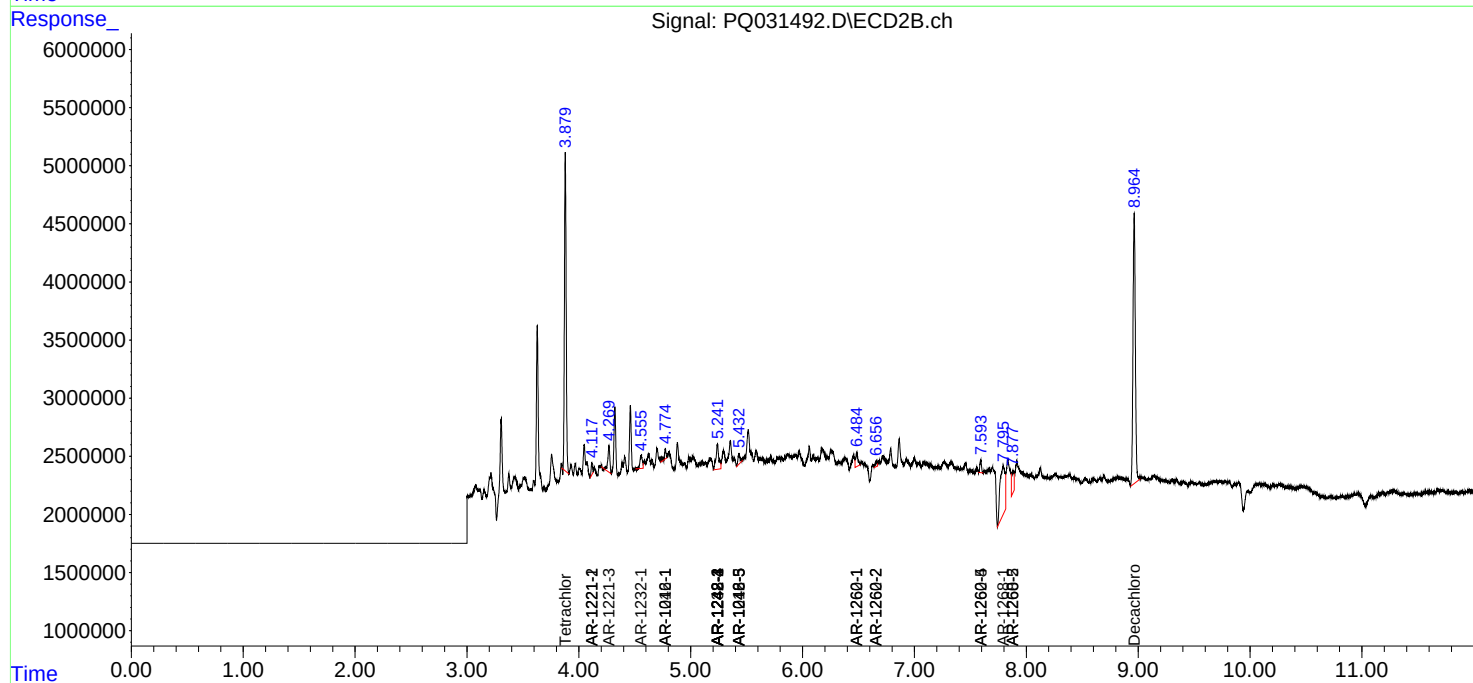
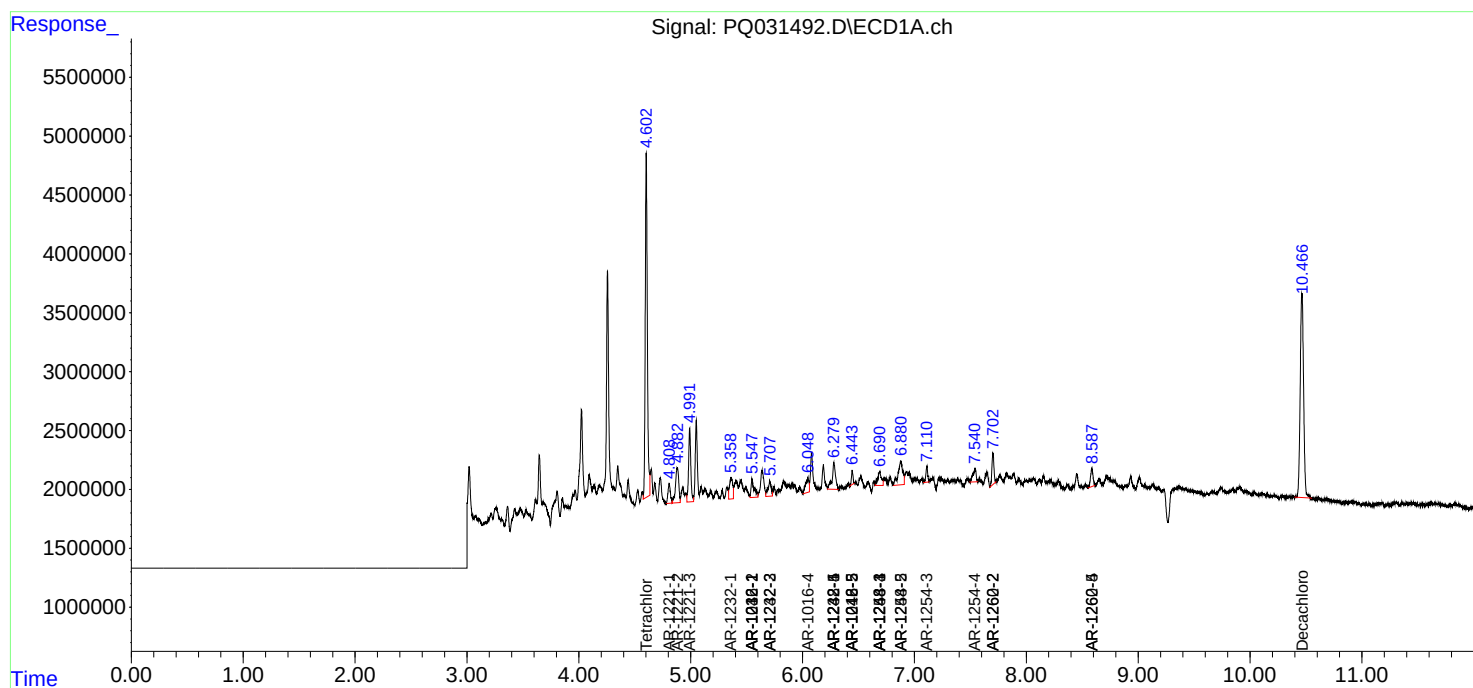
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

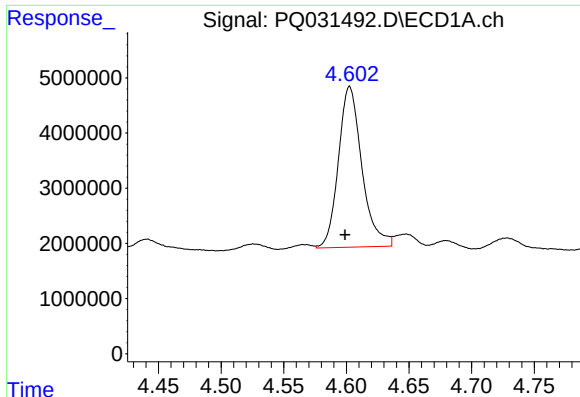
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ083018\  
Data File : PQ031492.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Aug 2018 17:28  
Operator : SM\SJ  
Sample : J4683-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 30 02:47:02 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ082018.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 22 08:49:07 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

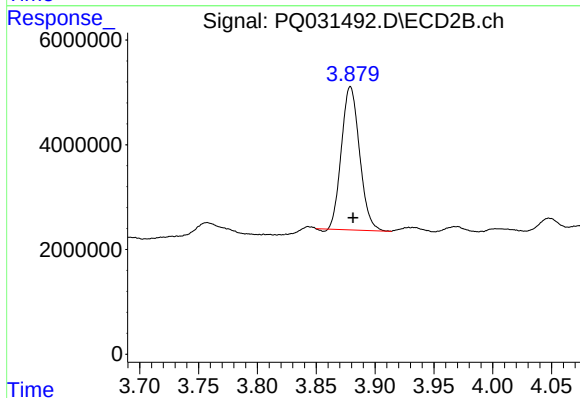




#1 Tetrachloro-m-xylene

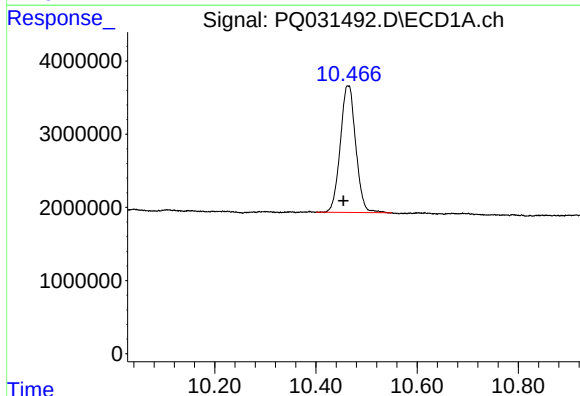
R.T.: 4.603 min  
Delta R.T.: 0.004 min  
Response: 37983604  
Conc: 18.25 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



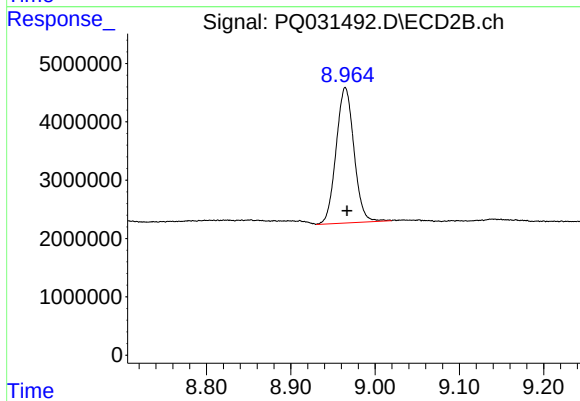
#1 Tetrachloro-m-xylene

R.T.: 3.879 min  
Delta R.T.: -0.002 min  
Response: 29304617  
Conc: 16.37 ng/ml



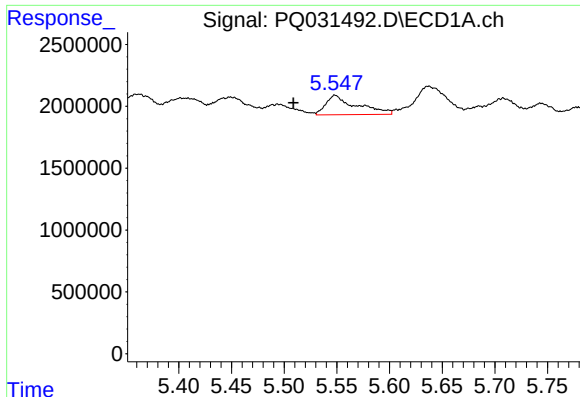
#2 Decachlorobiphenyl

R.T.: 10.463 min  
Delta R.T.: 0.009 min  
Response: 36603317  
Conc: 19.38 ng/ml



#2 Decachlorobiphenyl

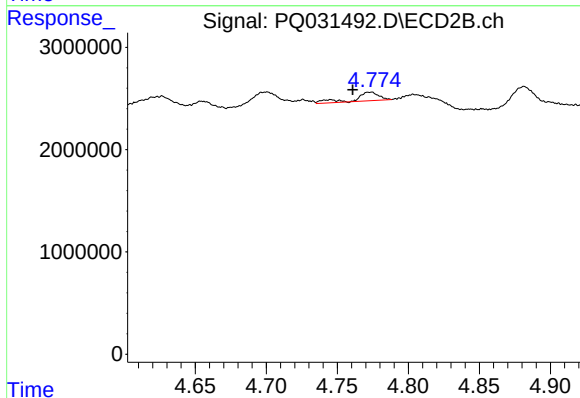
R.T.: 8.965 min  
Delta R.T.: -0.002 min  
Response: 34163889  
Conc: 17.97 ng/ml



#3 AR-1016-1

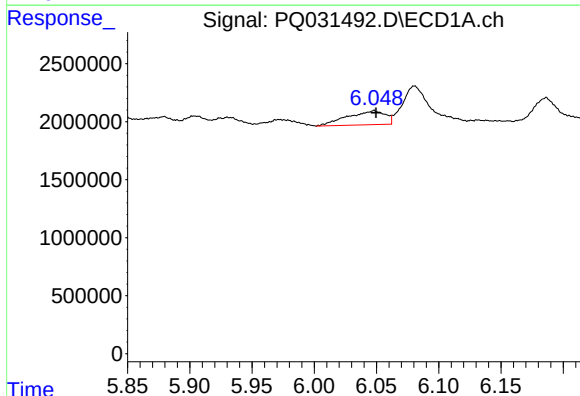
R.T.: 5.548 min  
Delta R.T.: 0.040 min  
Response: 3205773  
Conc: 65.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



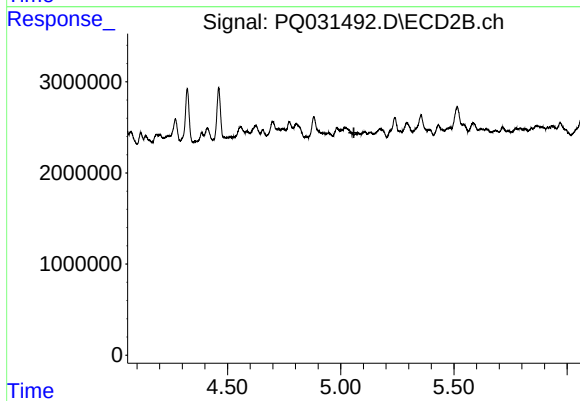
#3 AR-1016-1

R.T.: 4.773 min  
Delta R.T.: 0.012 min  
Response: 980056  
Conc: 22.12 ng/ml



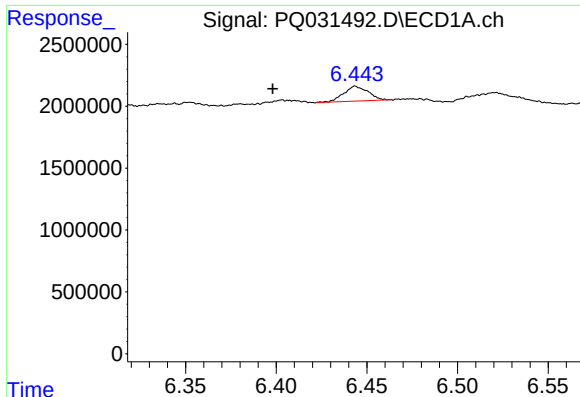
#6 AR-1016-4

R.T.: 6.048 min  
Delta R.T.: -0.002 min  
Response: 2555927  
Conc: 58.86 ng/ml



#6 AR-1016-4

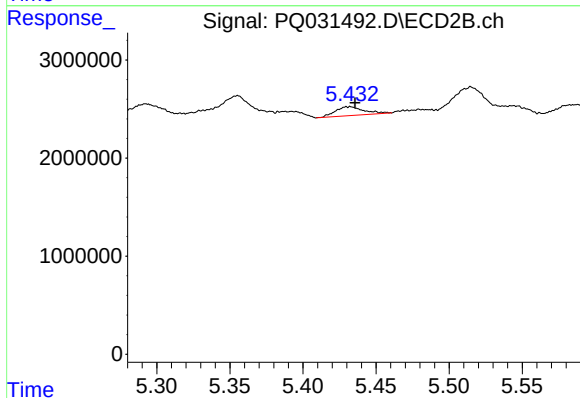
R.T.: 0.000 min  
Exp R.T.: 5.058 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

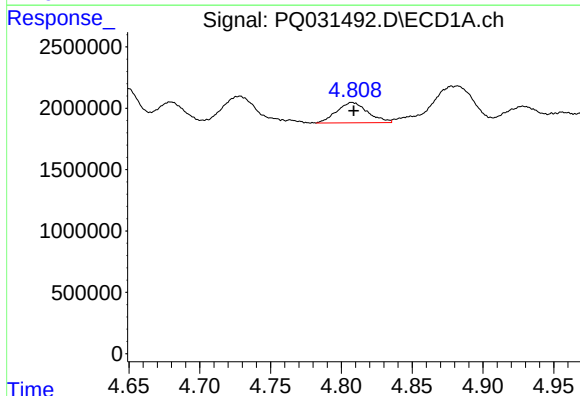
R.T.: 6.444 min  
Delta R.T.: 0.046 min  
Response: 1123091  
Conc: 20.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



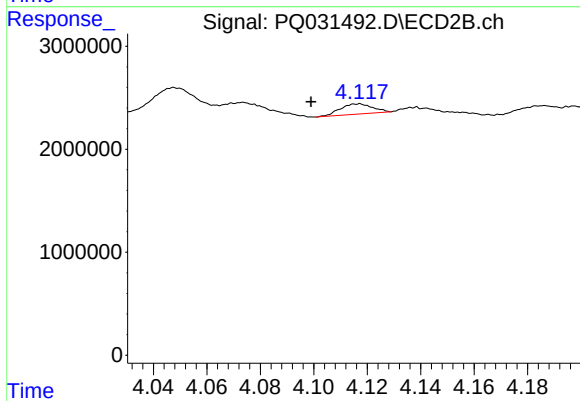
#7 AR-1016-5

R.T.: 5.432 min  
Delta R.T.: -0.004 min  
Response: 1230812  
Conc: 24.19 ng/ml



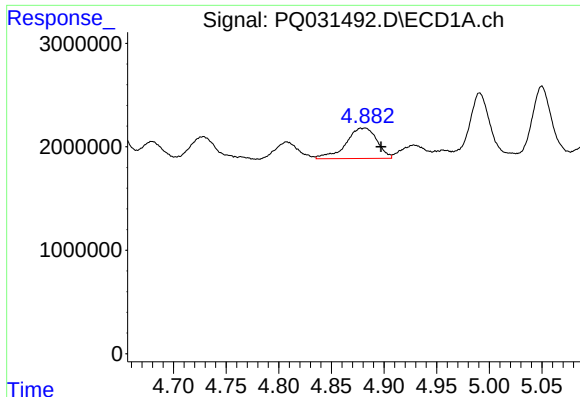
#8 AR-1221-1

R.T.: 4.808 min  
Delta R.T.: -0.001 min  
Response: 2517179  
Conc: 126.09 ng/ml



#8 AR-1221-1

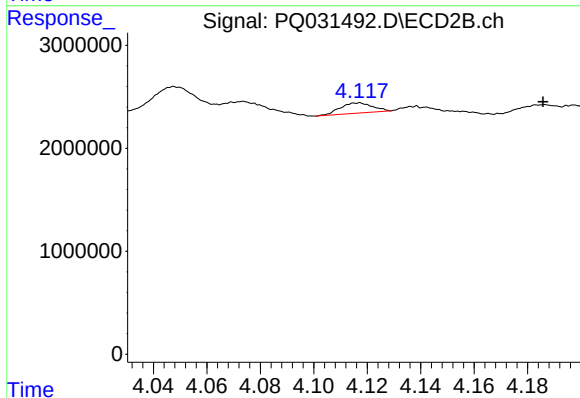
R.T.: 4.117 min  
Delta R.T.: 0.018 min  
Response: 830240  
Conc: 51.72 ng/ml



#9 AR-1221-2

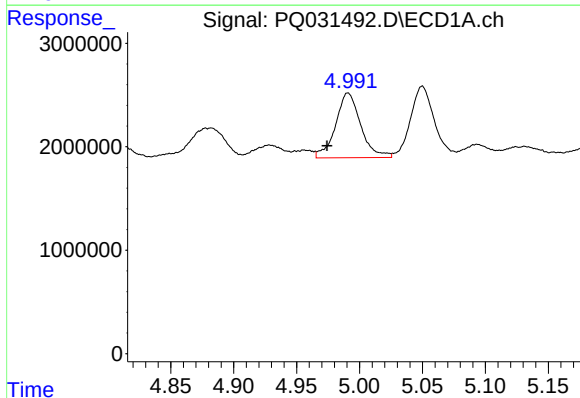
R.T.: 4.882 min  
Delta R.T.: -0.015 min  
Response: 6068195  
Conc: 390.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



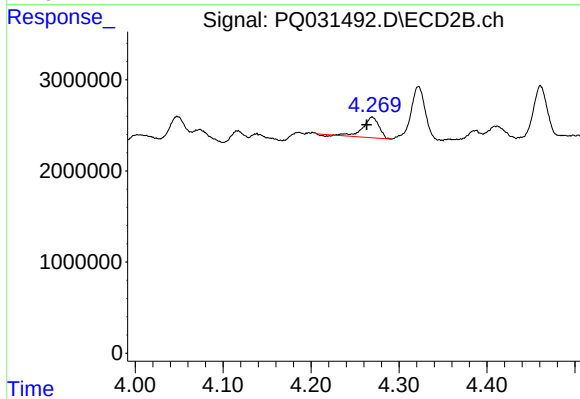
#9 AR-1221-2

R.T.: 4.117 min  
Delta R.T.: -0.069 min  
Response: 830240  
Conc: 62.53 ng/ml



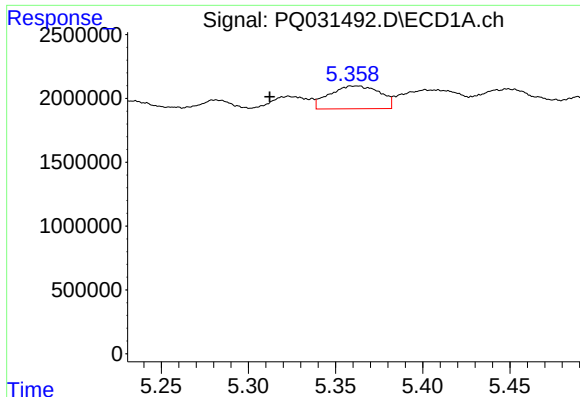
#10 AR-1221-3

R.T.: 4.991 min  
Delta R.T.: 0.017 min  
Response: 8696059  
Conc: 181.99 ng/ml



#10 AR-1221-3

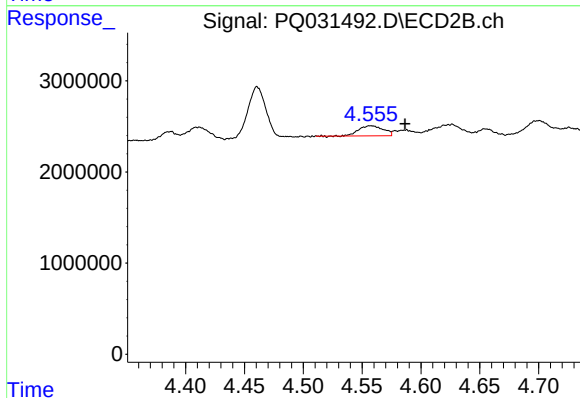
R.T.: 4.270 min  
Delta R.T.: 0.006 min  
Response: 2812425  
Conc: 66.98 ng/ml



#11 AR-1232-1

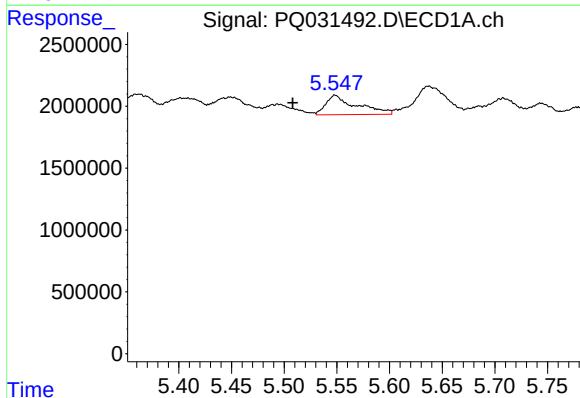
R.T.: 5.362 min  
Delta R.T.: 0.050 min  
Response: 3587093  
Conc: 183.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



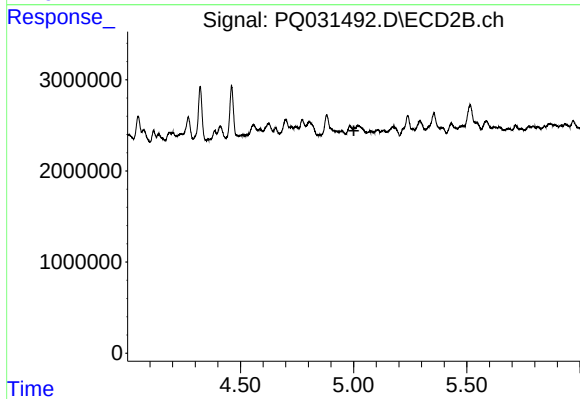
#11 AR-1232-1

R.T.: 4.557 min  
Delta R.T.: -0.029 min  
Response: 1626064  
Conc: 169.99 ng/ml



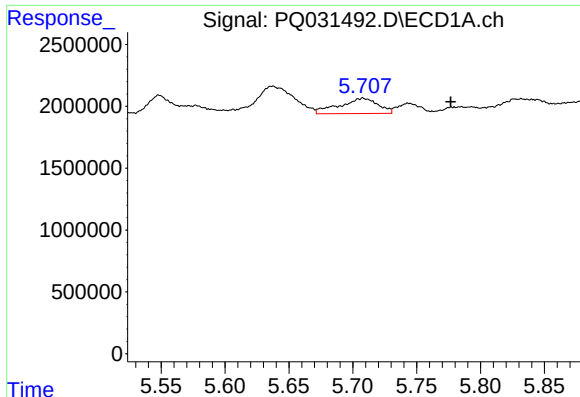
#12 AR-1232-2

R.T.: 5.548 min  
Delta R.T.: 0.040 min  
Response: 3205773  
Conc: 175.03 ng/ml



#12 AR-1232-2

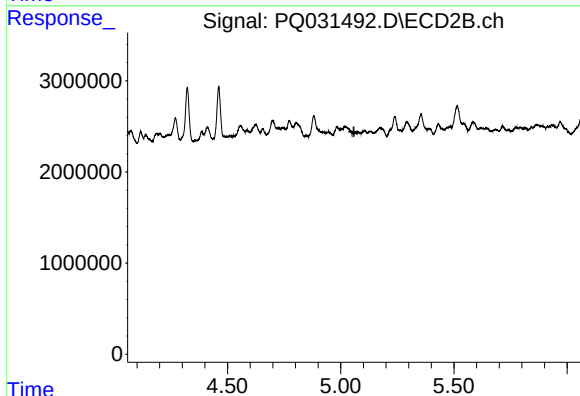
R.T.: 0.000 min  
Exp R.T.: 5.001 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

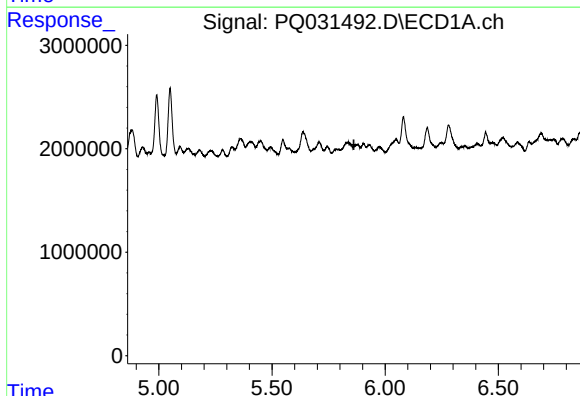
R.T.: 5.708 min  
Delta R.T.: -0.069 min  
Response: 2587959  
Conc: 98.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



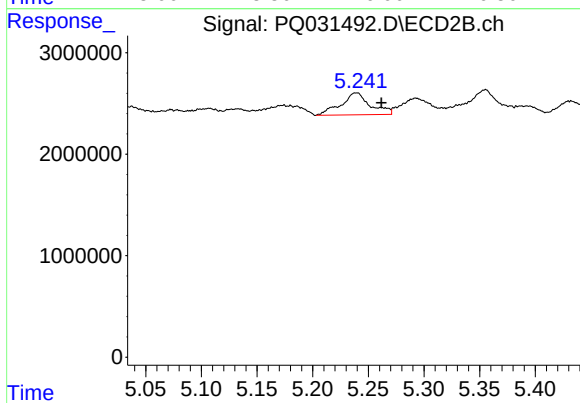
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.058 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

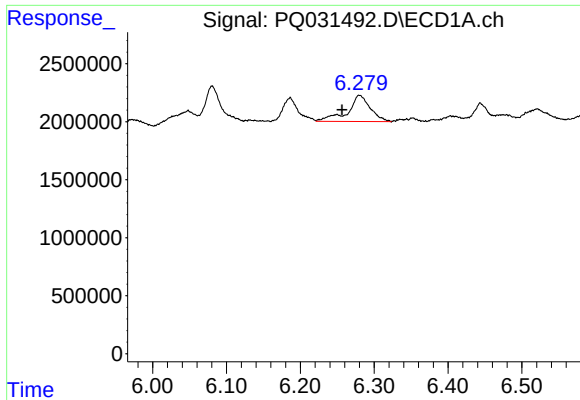
R.T.: 0.000 min  
Exp R.T. : 5.862 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

R.T.: 5.239 min  
Delta R.T.: -0.022 min  
Response: 3946908  
Conc: 245.08 ng/ml

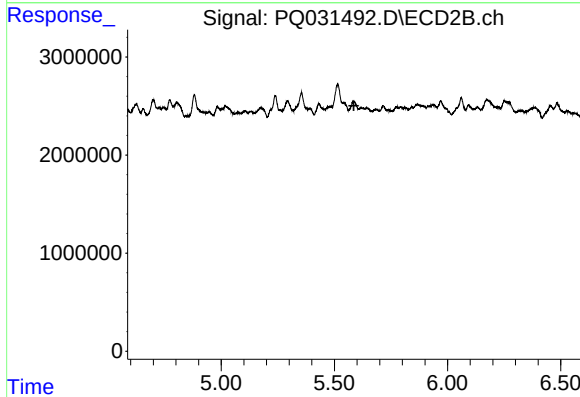




#15 AR-1232-5

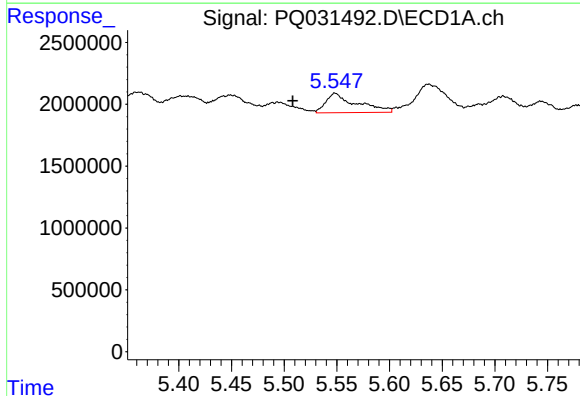
R.T.: 6.280 min  
Delta R.T.: 0.024 min  
Response: 4827629  
Conc: 265.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



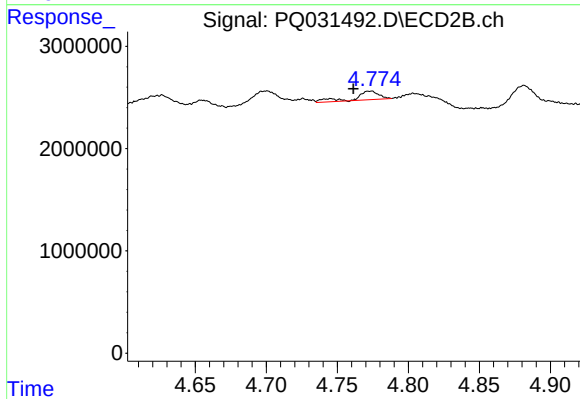
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.586 min  
Response: 0  
Conc: N.D.



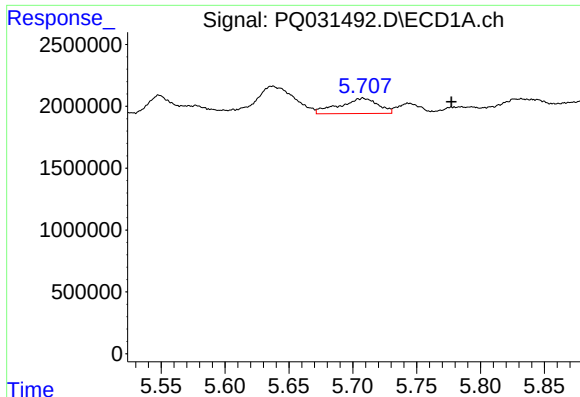
#16 AR-1242-1

R.T.: 5.548 min  
Delta R.T.: 0.040 min  
Response: 3205773  
Conc: 93.36 ng/ml



#16 AR-1242-1

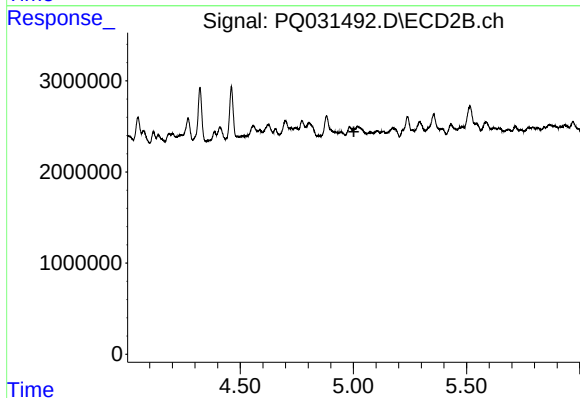
R.T.: 4.773 min  
Delta R.T.: 0.012 min  
Response: 980056  
Conc: 32.61 ng/ml



#17 AR-1242-2

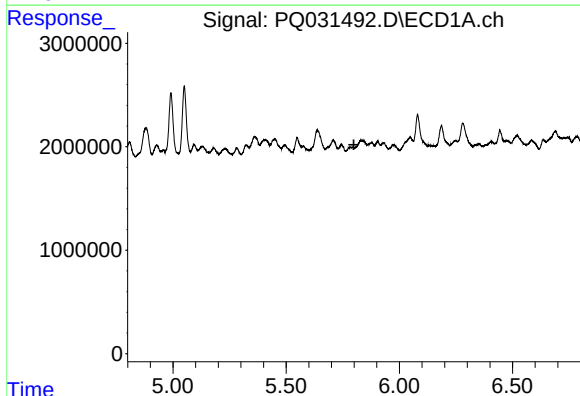
R.T.: 5.708 min  
Delta R.T.: -0.069 min  
Response: 2587959  
Conc: 55.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



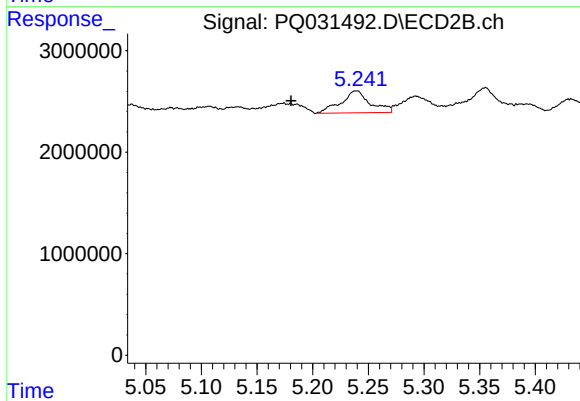
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.002 min  
Response: 0  
Conc: N.D.



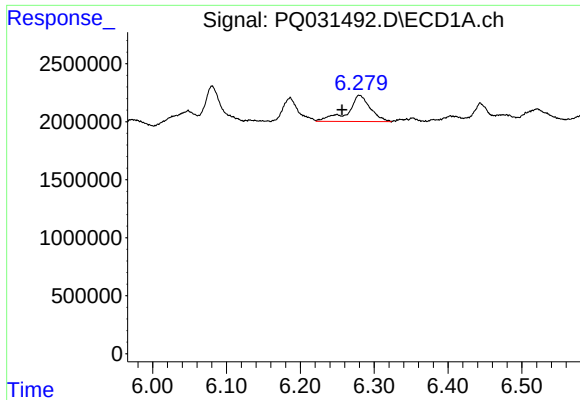
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.799 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

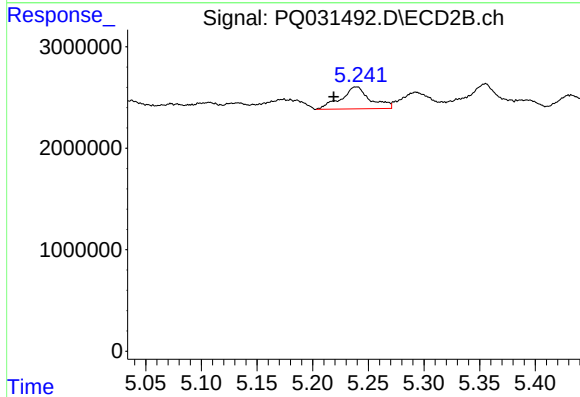
R.T.: 5.239 min  
Delta R.T.: 0.059 min  
Response: 3946908  
Conc: 124.40 ng/ml



#19 AR-1242-4

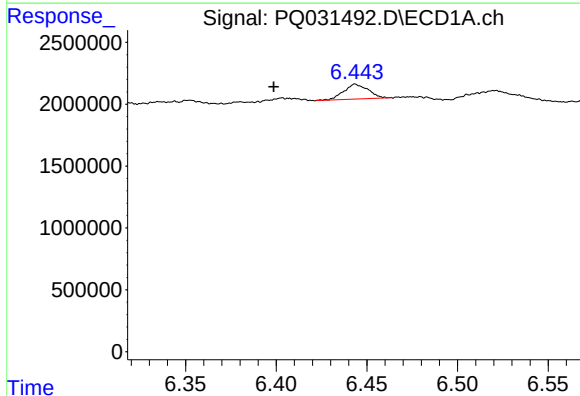
R.T.: 6.280 min  
Delta R.T.: 0.023 min  
Response: 4827629  
Conc: 134.98 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



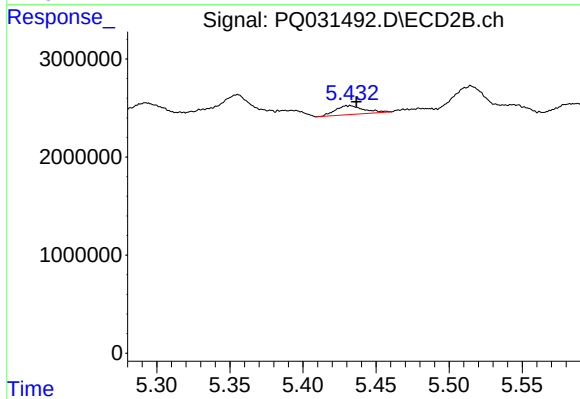
#19 AR-1242-4

R.T.: 5.239 min  
Delta R.T.: 0.020 min  
Response: 3946908  
Conc: 159.23 ng/ml



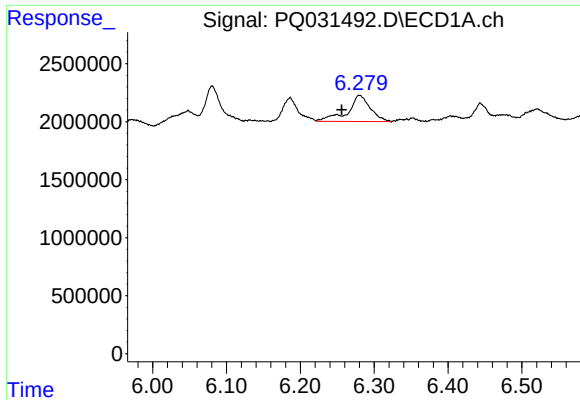
#20 AR-1242-5

R.T.: 6.444 min  
Delta R.T.: 0.045 min  
Response: 1123091  
Conc: 28.83 ng/ml



#20 AR-1242-5

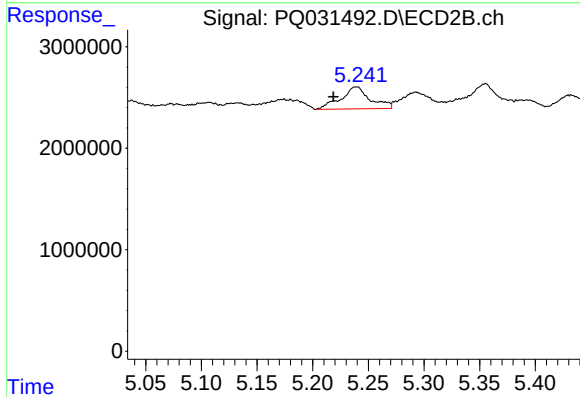
R.T.: 5.432 min  
Delta R.T.: -0.005 min  
Response: 1230812  
Conc: 35.49 ng/ml



#21 AR-1248-1

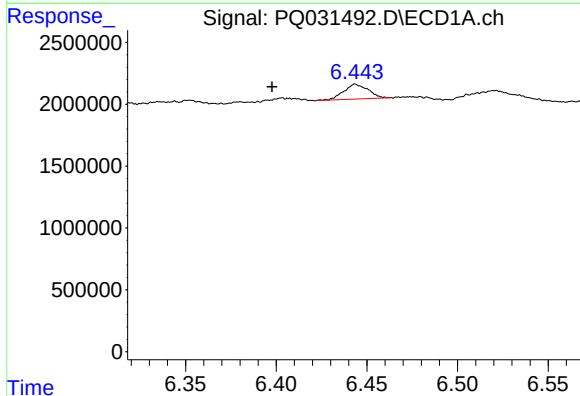
R.T.: 6.280 min  
Delta R.T.: 0.024 min  
Response: 4827629  
Conc: 77.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



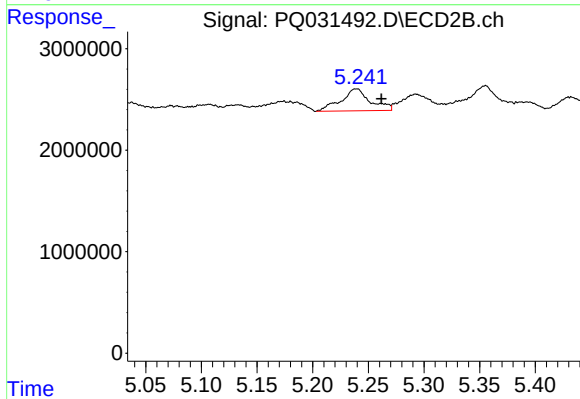
#21 AR-1248-1

R.T.: 5.239 min  
Delta R.T.: 0.021 min  
Response: 3946908  
Conc: 82.53 ng/ml



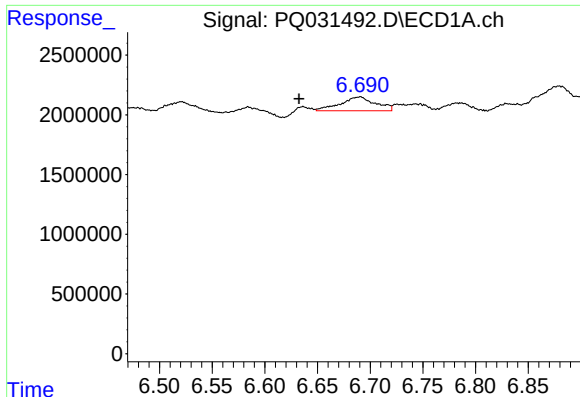
#22 AR-1248-2

R.T.: 6.444 min  
Delta R.T.: 0.046 min  
Response: 1123091  
Conc: 21.47 ng/ml



#22 AR-1248-2

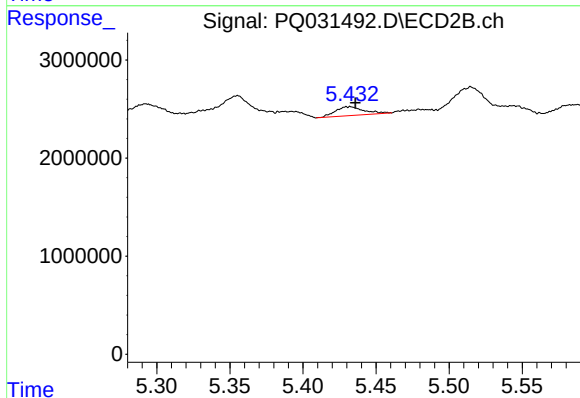
R.T.: 5.239 min  
Delta R.T.: -0.022 min  
Response: 3946908  
Conc: 80.86 ng/ml



#23 AR-1248-3

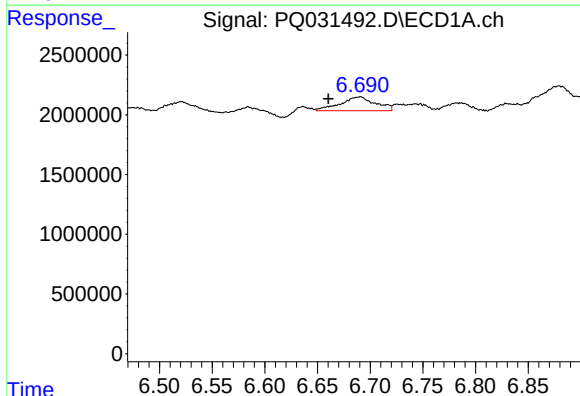
R.T.: 6.690 min  
Delta R.T.: 0.058 min  
Response: 2701401  
Conc: 49.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



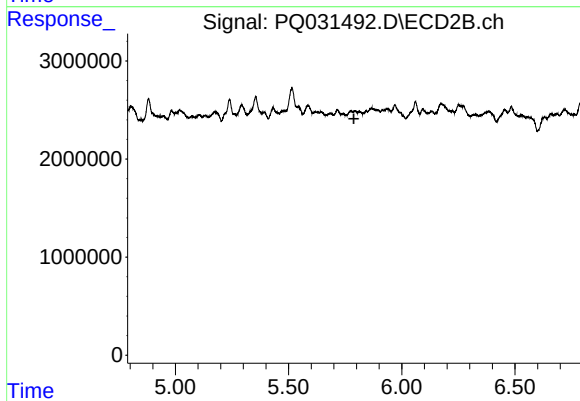
#23 AR-1248-3

R.T.: 5.432 min  
Delta R.T.: -0.004 min  
Response: 1230812  
Conc: 20.80 ng/ml



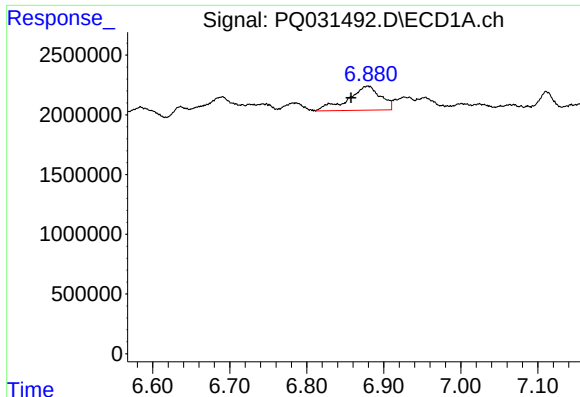
#24 AR-1248-4

R.T.: 6.690 min  
Delta R.T.: 0.030 min  
Response: 2701401  
Conc: 37.49 ng/ml



#24 AR-1248-4

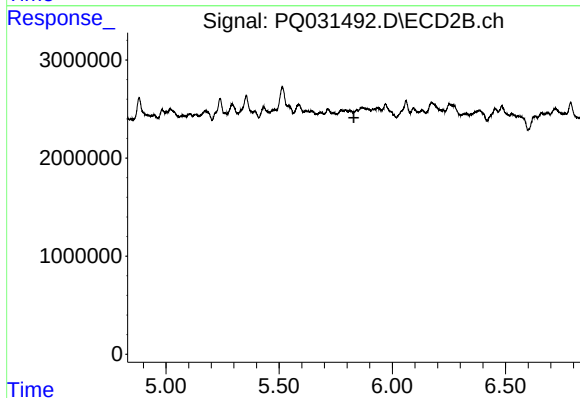
R.T.: 0.000 min  
Exp R.T.: 5.788 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

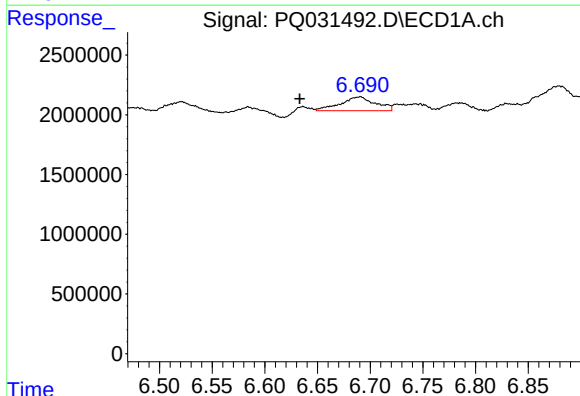
R.T.: 6.880 min  
Delta R.T.: 0.022 min  
Response: 5870301  
Conc: 81.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



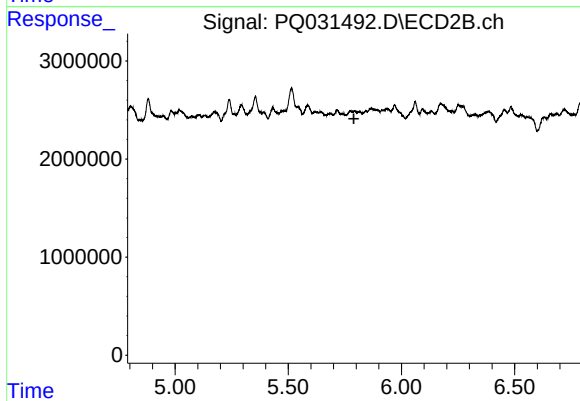
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.830 min  
Response: 0  
Conc: N.D.



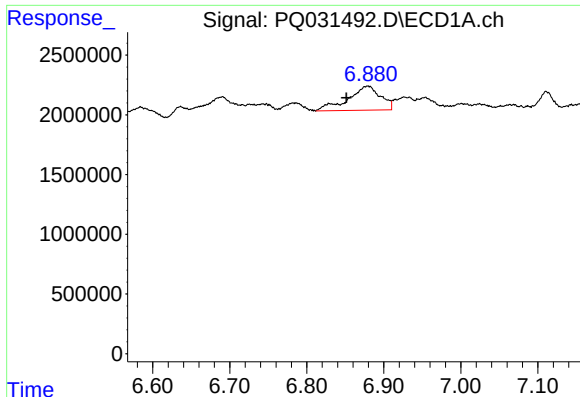
#26 AR-1254-1

R.T.: 6.690 min  
Delta R.T.: 0.057 min  
Response: 2701401  
Conc: 32.12 ng/ml



#26 AR-1254-1

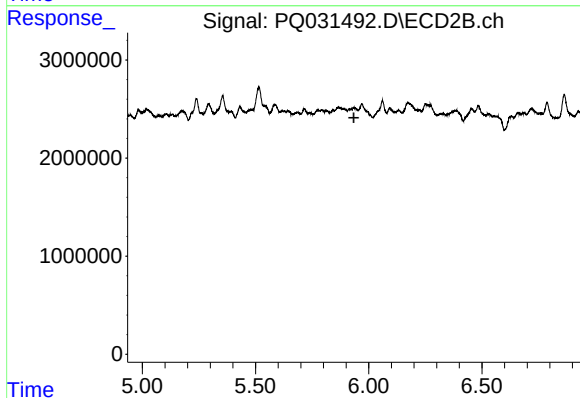
R.T.: 0.000 min  
Exp R.T. : 5.790 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

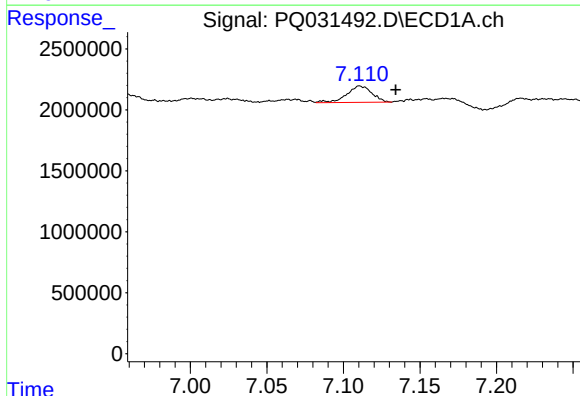
R.T.: 6.880 min  
Delta R.T.: 0.028 min  
Response: 5870301  
Conc: 44.28 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



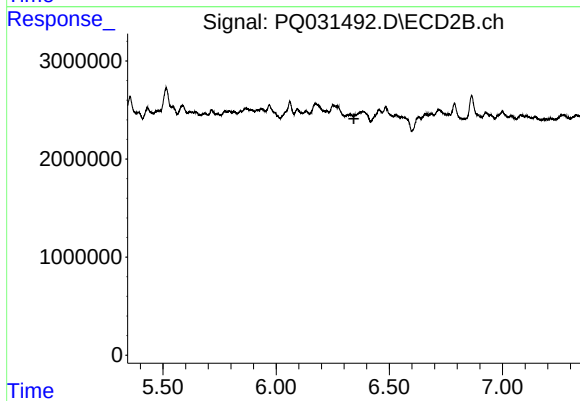
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.935 min  
Response: 0  
Conc: N.D.



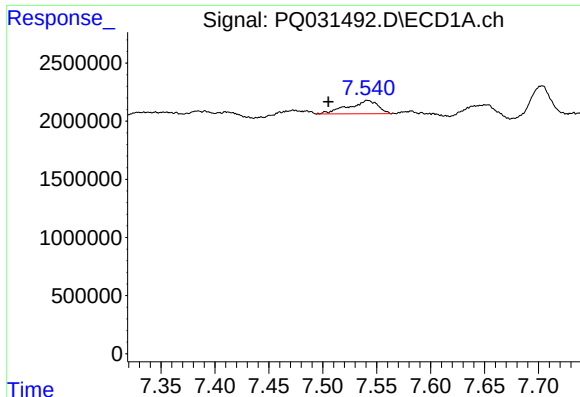
#28 AR-1254-3

R.T.: 7.111 min  
Delta R.T.: -0.023 min  
Response: 1528240  
Conc: 18.95 ng/ml



#28 AR-1254-3

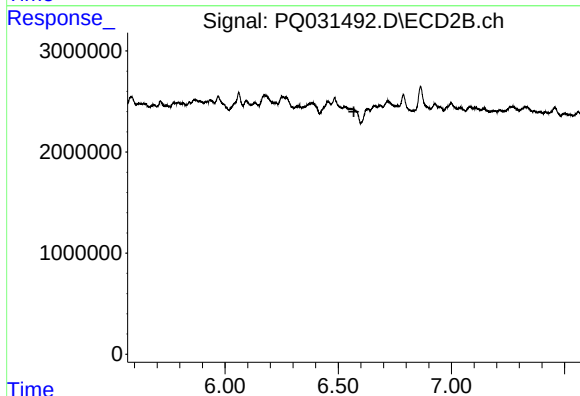
R.T.: 0.000 min  
Exp R.T. : 6.343 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

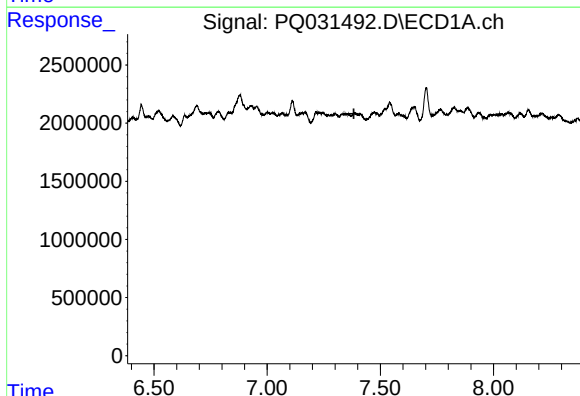
R.T.: 7.542 min  
Delta R.T.: 0.037 min  
Response: 2185376  
Conc: 20.46 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



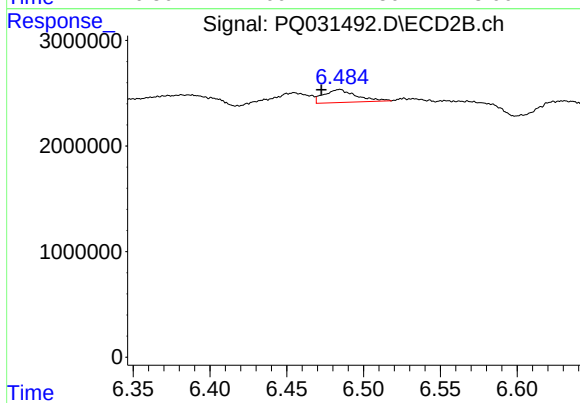
#29 AR-1254-4

R.T.: 6.631 min  
Delta R.T.: 0.061 min  
Response: -791660  
Conc: N.D.



#31 AR-1260-1

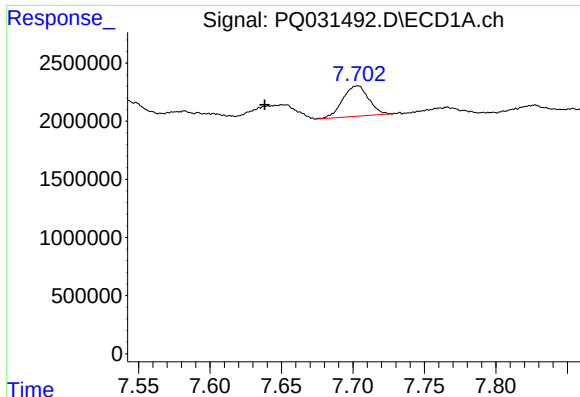
R.T.: 0.000 min  
Exp R.T. : 7.383 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

R.T.: 6.484 min  
Delta R.T.: 0.012 min  
Response: 1824857  
Conc: 16.84 ng/ml

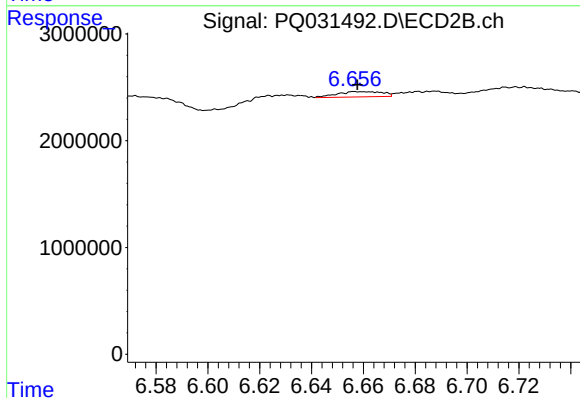




#32 AR-1260-2

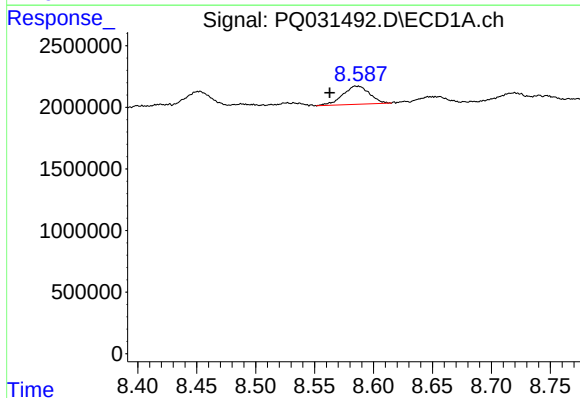
R.T.: 7.703 min  
Delta R.T.: 0.065 min  
Response: 3293614  
Conc: 25.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



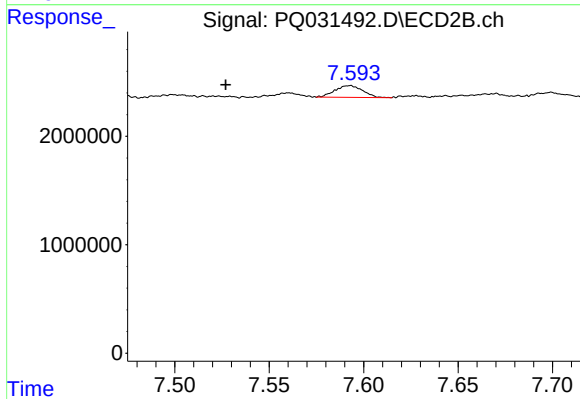
#32 AR-1260-2

R.T.: 6.657 min  
Delta R.T.: 0.000 min  
Response: 597042  
Conc: 4.57 ng/ml



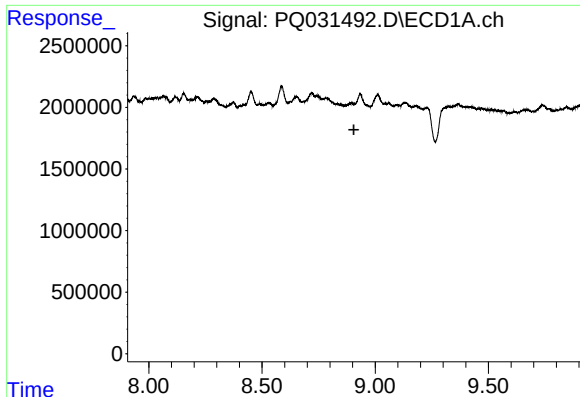
#34 AR-1260-4

R.T.: 8.586 min  
Delta R.T.: 0.023 min  
Response: 2329580  
Conc: 10.95 ng/ml



#34 AR-1260-4

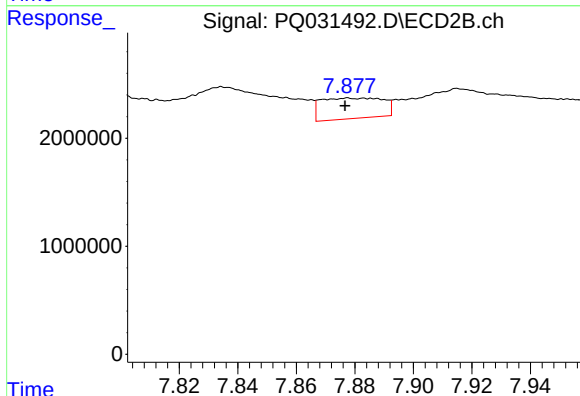
R.T.: 7.592 min  
Delta R.T.: 0.065 min  
Response: 1107648  
Conc: 4.60 ng/ml



#35 AR-1260-5

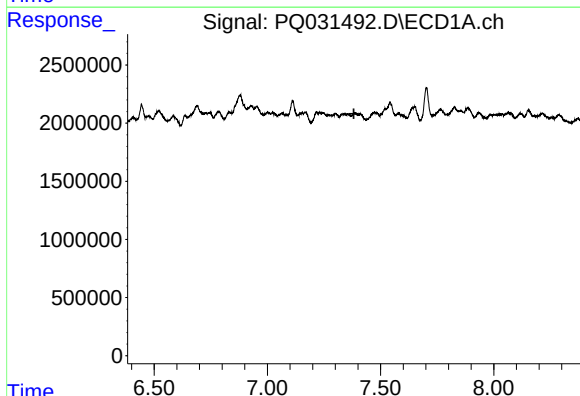
R.T.: 0.000 min  
Exp R.T.: 8.906 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



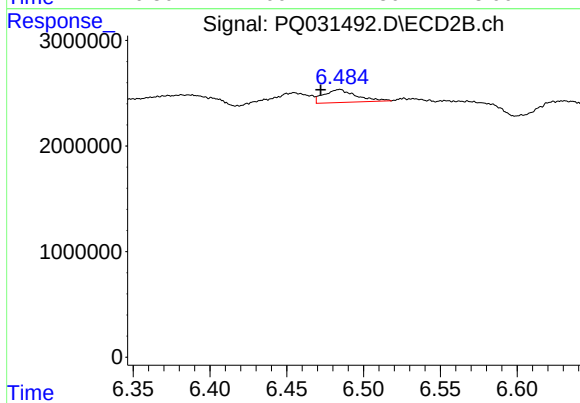
#35 AR-1260-5

R.T.: 7.878 min  
Delta R.T.: 0.000 min  
Response: 2792793  
Conc: 16.09 ng/ml



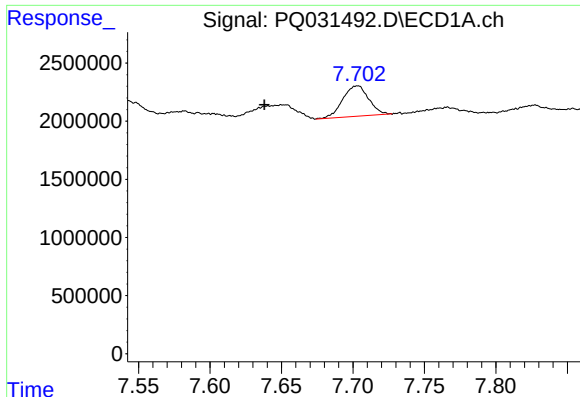
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 7.382 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

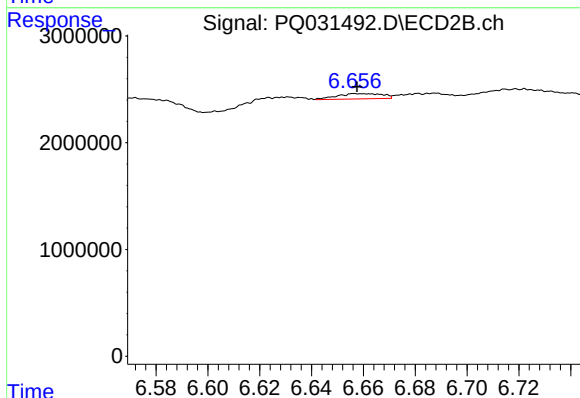
R.T.: 6.484 min  
Delta R.T.: 0.012 min  
Response: 1824857  
Conc: 21.01 ng/ml



#37 AR-1262-2

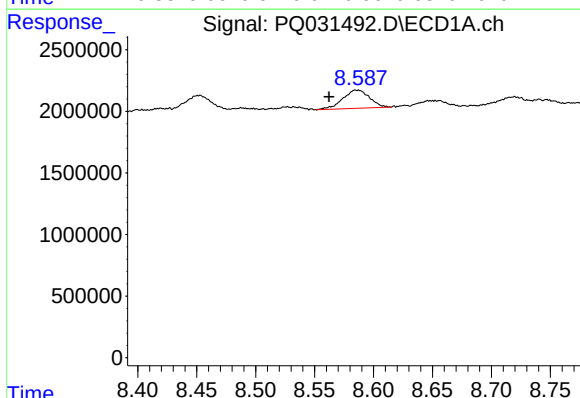
R.T.: 7.703 min  
Delta R.T.: 0.065 min  
Response: 3293614  
Conc: 31.97 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



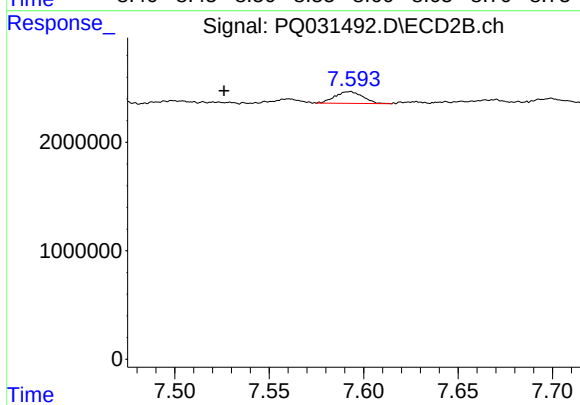
#37 AR-1262-2

R.T.: 6.657 min  
Delta R.T.: 0.000 min  
Response: 597042  
Conc: 5.70 ng/ml



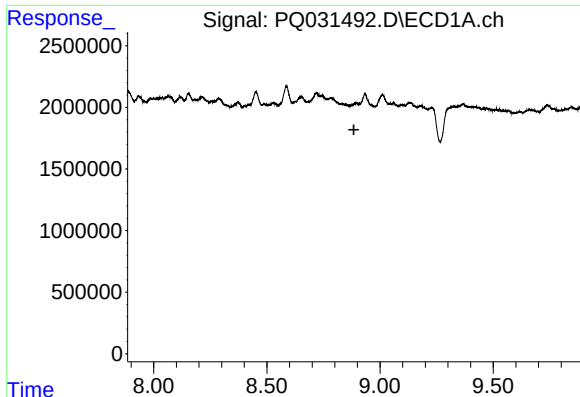
#40 AR-1262-5

R.T.: 8.586 min  
Delta R.T.: 0.023 min  
Response: 2329580  
Conc: 9.30 ng/ml



#40 AR-1262-5

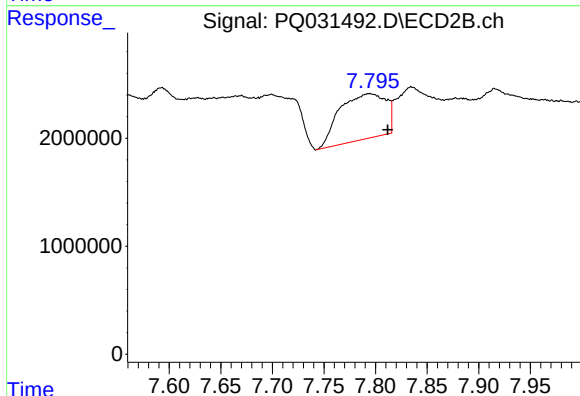
R.T.: 7.592 min  
Delta R.T.: 0.066 min  
Response: 1107648  
Conc: 3.97 ng/ml



#41 AR-1268-1

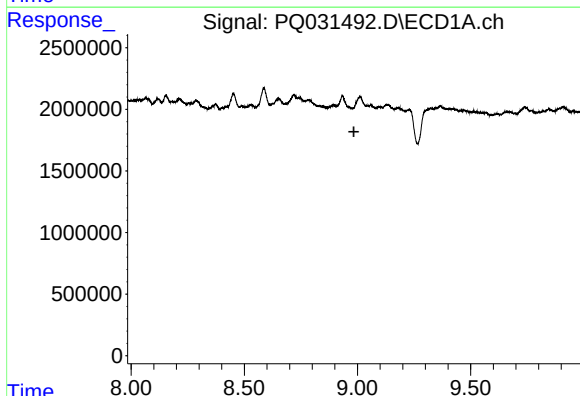
R.T.: 0.000 min  
Exp R.T.: 8.885 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



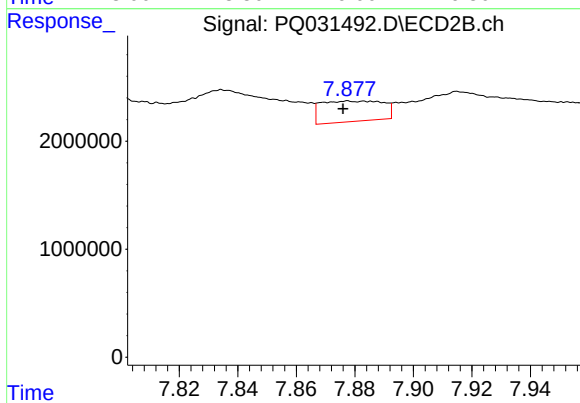
#41 AR-1268-1

R.T.: 7.794 min  
Delta R.T.: -0.018 min  
Response: 13061498  
Conc: 49.00 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.984 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.878 min  
Delta R.T.: 0.002 min  
Response: 2792793  
Conc: 11.55 ng/ml