

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ022219\  
 Data File : PQ037493.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Feb 2019 06:46  
 Operator : SM\SJ  
 Sample : K1544-06  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 COMP-2

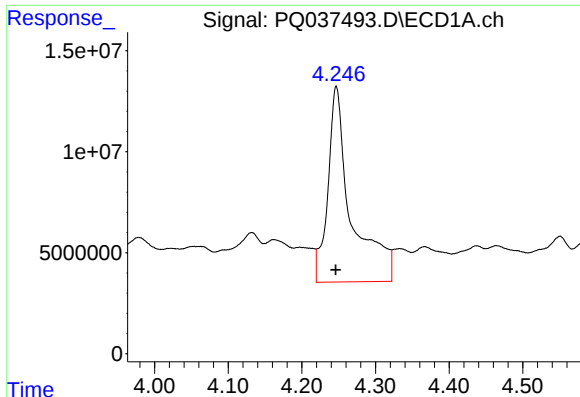
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 24 23:52:37 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ022219.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Feb 23 04:01:25 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|-----------|
| -----                       |                 |       |       |          |          |         |           |
| System Monitoring Compounds |                 |       |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 4.247 | 3.661 | 213.6E6  | 60629726 | 34.086  | 18.146 #  |
| 2)                          | SA Decachlor... | 9.728 | 8.556 | 98106888 | 41564308 | 19.005  | 18.022    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.388 | 4.716 | 54913908 | 5387411  | 294.715 | 52.015 #  |
| 4)                          | L1 AR-1016-2    | 5.417 | 4.757 | 22557198 | 21349599 | 79.387  | 137.771 # |
| 5)                          | L1 AR-1016-3    | 5.465 | 4.916 | 24565497 | 5677064  | 147.890 | 73.259 #  |
| 6)                          | L1 AR-1016-4    | 5.596 | 4.944 | 22568300 | 4442883  | 163.795 | 69.844 #  |
| 7)                          | L1 AR-1016-5    | 5.859 | 5.206 | 10643250 | 2747599  | 78.009  | 34.096 #  |
| 8)                          | L2 AR-1221-1    | 4.464 | 3.872 | 51802503 | 5262127  | 492.483 | 92.448 #  |
| 9)                          | L2 AR-1221-2    | 4.551 | 3.953 | 59627216 | 6679061  | 821.742 | 165.866 # |
| 10)                         | L2 AR-1221-3    | 4.619 | 4.026 | 42423076 | 6105933  | 163.129 | 43.028 #  |
| 11)                         | L3 AR-1232-1    | 4.619 | 4.026 | 42423076 | 6105933  | 396.287 | 101.309 # |
| 12)                         | L3 AR-1232-2    | 5.143 | 4.757 | 42400042 | 21349599 | 768.712 | 325.445 # |
| 13)                         | L3 AR-1232-3    | 5.417 | 4.916 | 22557198 | 5677064  | 191.060 | 176.412   |
| 14)                         | L3 AR-1232-4    | 5.596 | 5.007 | 22568300 | 4809598  | 401.458 | 170.407 # |
| 15)                         | L3 AR-1232-5    | 5.650 | 5.206 | 13206357 | 2747599  | 313.677 | 90.478 #  |
| 16)                         | L4 AR-1242-1    | 5.388 | 4.716 | 54913908 | 5387411  | 373.597 | 65.953 #  |
| 17)                         | L4 AR-1242-2    | 5.417 | 4.757 | 22557198 | 21349599 | 99.778  | 173.713 # |
| 18)                         | L4 AR-1242-3    | 5.465 | 4.916 | 24565497 | 5677064  | 185.423 | 91.638 #  |
| 19)                         | L4 AR-1242-4    | 5.596 | 5.007 | 22568300 | 4809598  | 206.926 | 81.014 #  |
| 20)                         | L4 AR-1242-5    | 6.305 | 5.440 | 2215595  | 7441022  | 18.451  | 103.419 # |
| 21)                         | L5 AR-1248-1    | 5.388 | 4.716 | 54913908 | 5387411  | 544.653 | 93.531 #  |
| 22)                         | L5 AR-1248-2    | 5.650 | 4.944 | 13206357 | 4442883  | 95.445  | 59.866 #  |
| 23)                         | L5 AR-1248-3    | 5.859 | 5.007 | 10643250 | 4809598  | 68.714  | 64.383    |
| 24)                         | L5 AR-1248-4    | 6.263 | 5.206 | 2633603  | 2747599  | 14.715  | 30.382 #  |
| 25)                         | L5 AR-1248-5    | 6.305 | 5.577 | 2215595  | 4167691  | 13.149  | 46.349 #  |
| 26)                         | L6 AR-1254-1    | 6.263 | 5.440 | 2633603  | 7441022  | 12.791  | 47.437 #  |
| 29)                         | L6 AR-1254-4    | 7.100 | 0.000 | 2443641  | 0        | 9.333   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 8.540 | 0.000 | 5081038  | 0        | 6.013   | N.D. #    |
| -----                       |                 |       |       |          |          |         |           |

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

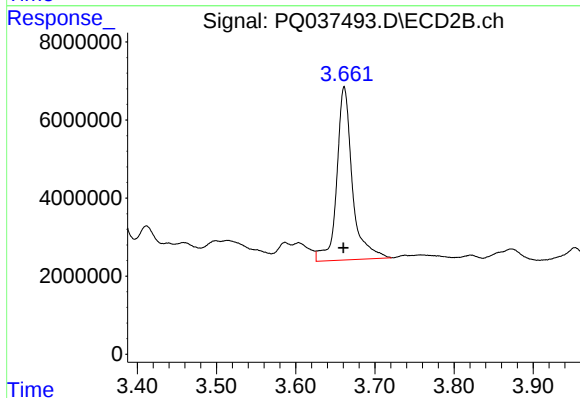




#1 Tetrachloro-m-xylene

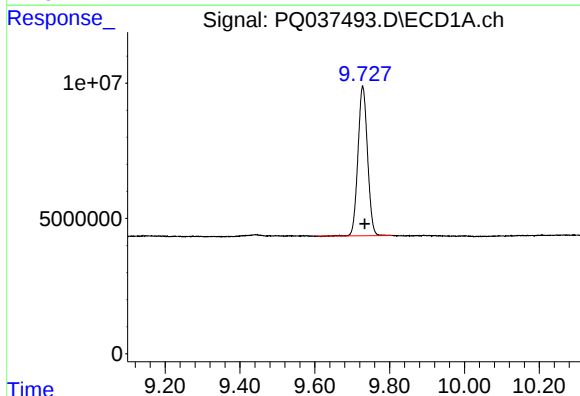
R.T.: 4.247 min  
Delta R.T.: 0.000 min  
Response: 213552113  
Conc: 34.09 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



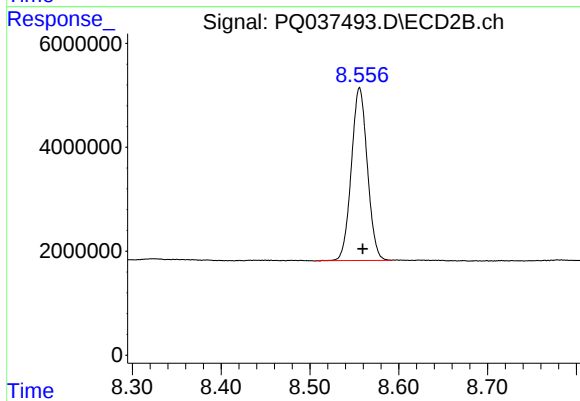
#1 Tetrachloro-m-xylene

R.T.: 3.661 min  
Delta R.T.: 0.000 min  
Response: 60629726  
Conc: 18.15 ng/ml



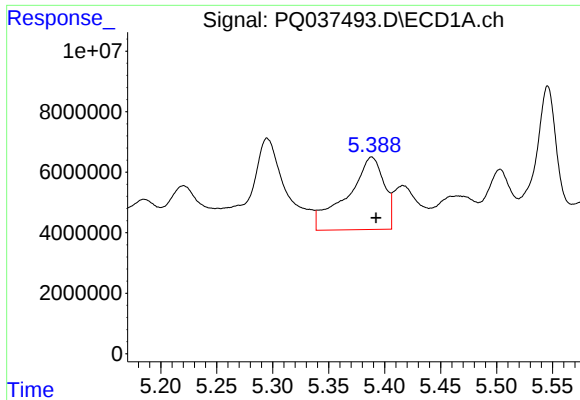
#2 Decachlorobiphenyl

R.T.: 9.728 min  
Delta R.T.: -0.005 min  
Response: 98106888  
Conc: 19.00 ng/ml



#2 Decachlorobiphenyl

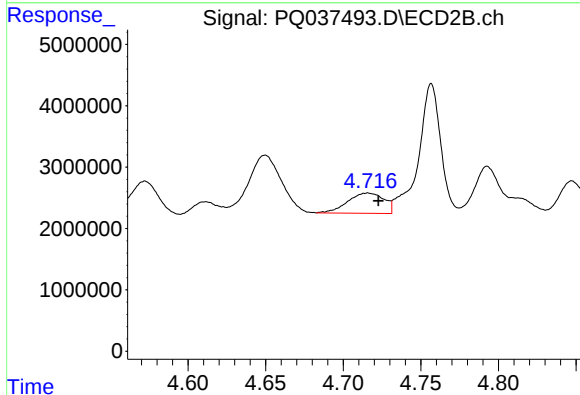
R.T.: 8.556 min  
Delta R.T.: -0.004 min  
Response: 41564308  
Conc: 18.02 ng/ml



#3 AR-1016-1

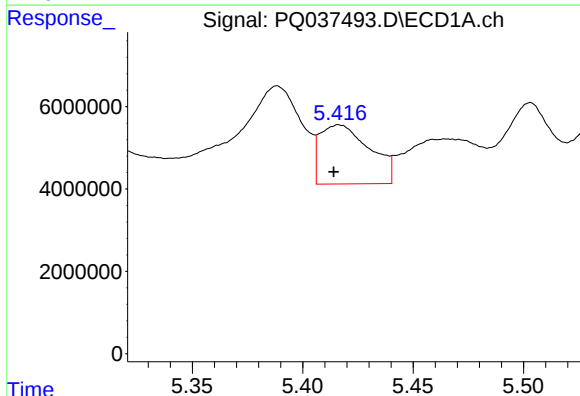
R.T.: 5.388 min  
Delta R.T.: -0.004 min  
Response: 54913908  
Conc: 294.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



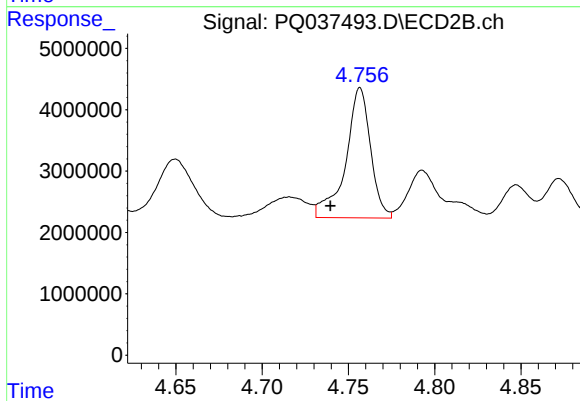
#3 AR-1016-1

R.T.: 4.716 min  
Delta R.T.: -0.007 min  
Response: 5387411  
Conc: 52.02 ng/ml



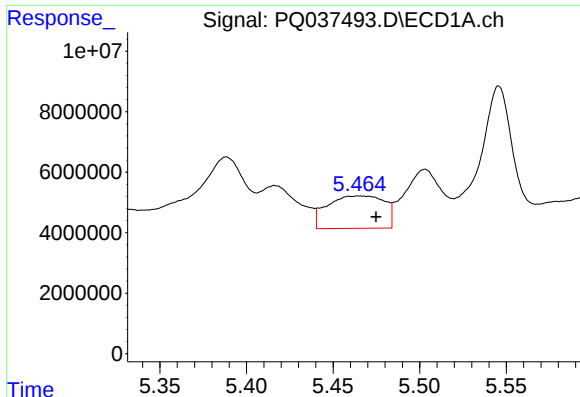
#4 AR-1016-2

R.T.: 5.417 min  
Delta R.T.: 0.002 min  
Response: 22557198  
Conc: 79.39 ng/ml



#4 AR-1016-2

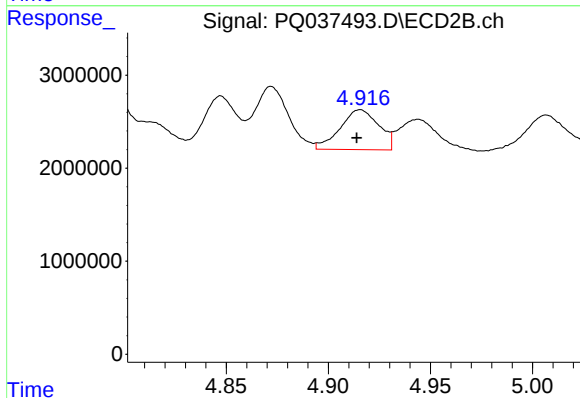
R.T.: 4.757 min  
Delta R.T.: 0.017 min  
Response: 21349599  
Conc: 137.77 ng/ml



#5 AR-1016-3

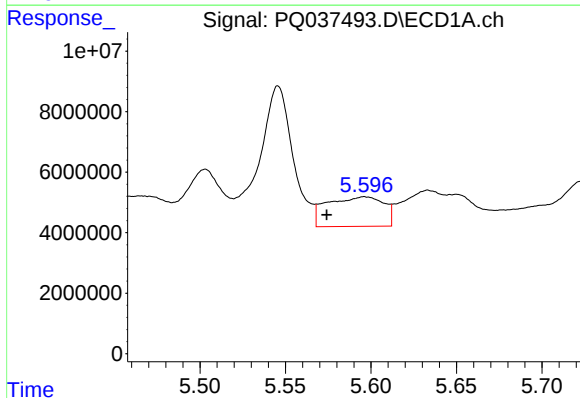
R.T.: 5.465 min  
Delta R.T.: -0.010 min  
Response: 24565497  
Conc: 147.89 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



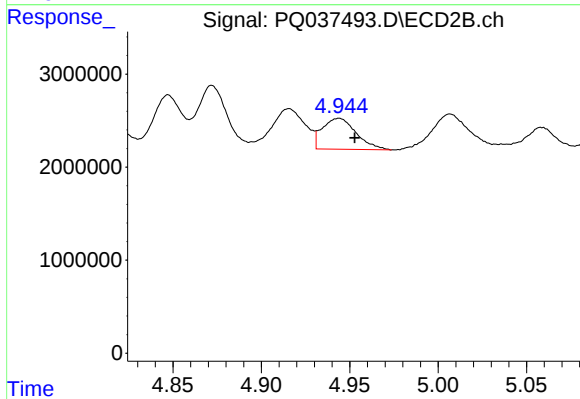
#5 AR-1016-3

R.T.: 4.916 min  
Delta R.T.: 0.002 min  
Response: 5677064  
Conc: 73.26 ng/ml



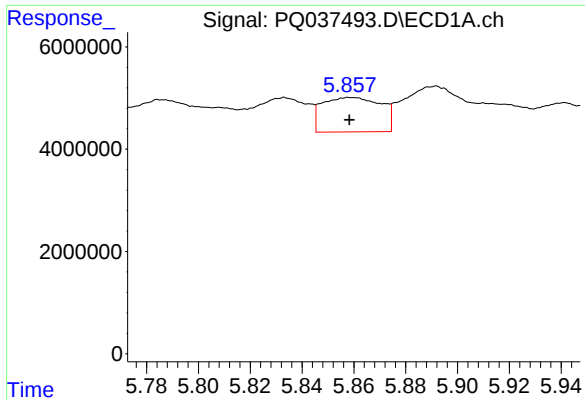
#6 AR-1016-4

R.T.: 5.596 min  
Delta R.T.: 0.022 min  
Response: 22568300  
Conc: 163.79 ng/ml



#6 AR-1016-4

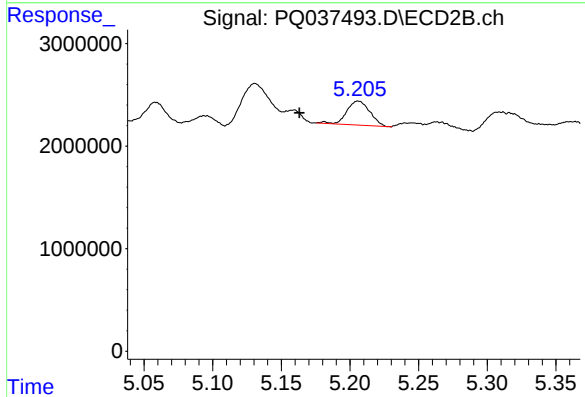
R.T.: 4.944 min  
Delta R.T.: -0.009 min  
Response: 4442883  
Conc: 69.84 ng/ml



#7 AR-1016-5

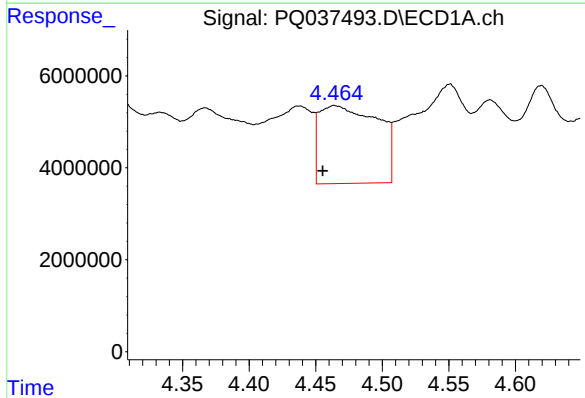
R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 10643250  
Conc: 78.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



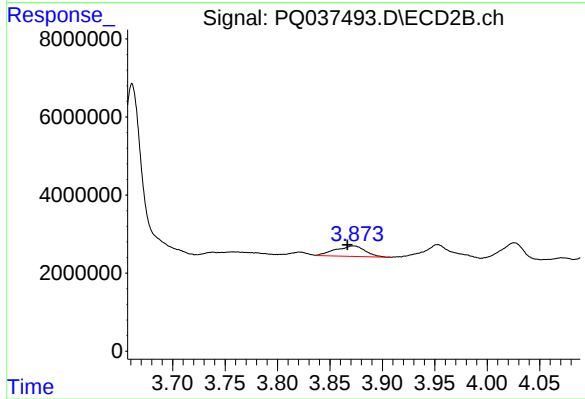
#7 AR-1016-5

R.T.: 5.206 min  
Delta R.T.: 0.043 min  
Response: 2747599  
Conc: 34.10 ng/ml



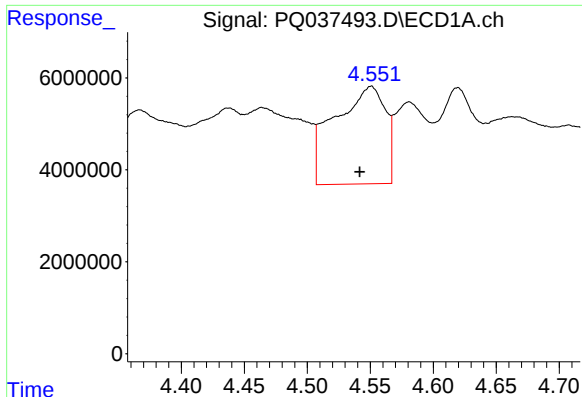
#8 AR-1221-1

R.T.: 4.464 min  
Delta R.T.: 0.009 min  
Response: 51802503  
Conc: 492.48 ng/ml



#8 AR-1221-1

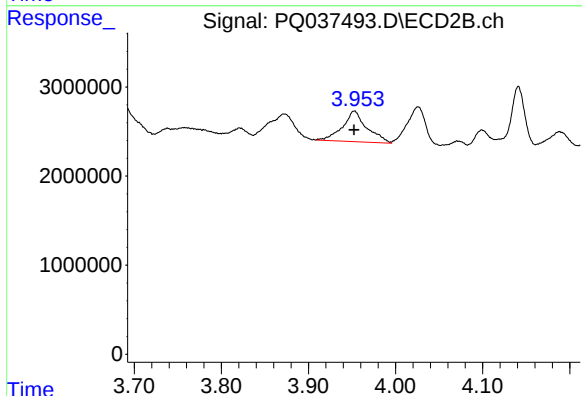
R.T.: 3.872 min  
Delta R.T.: 0.006 min  
Response: 5262127  
Conc: 92.45 ng/ml



#9 AR-1221-2

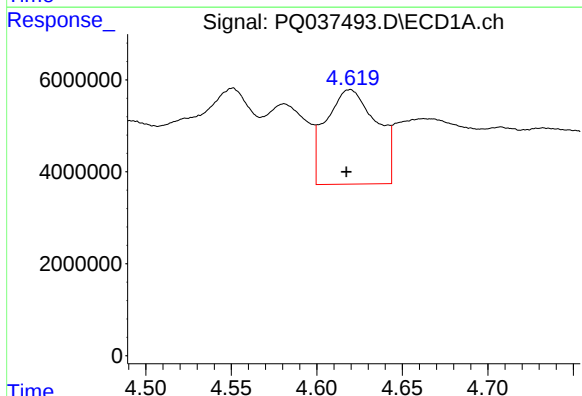
R.T.: 4.551 min  
Delta R.T.: 0.009 min  
Response: 59627216  
Conc: 821.74 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



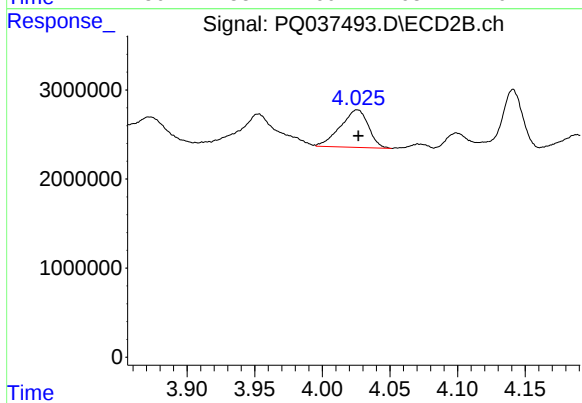
#9 AR-1221-2

R.T.: 3.953 min  
Delta R.T.: 0.000 min  
Response: 6679061  
Conc: 165.87 ng/ml



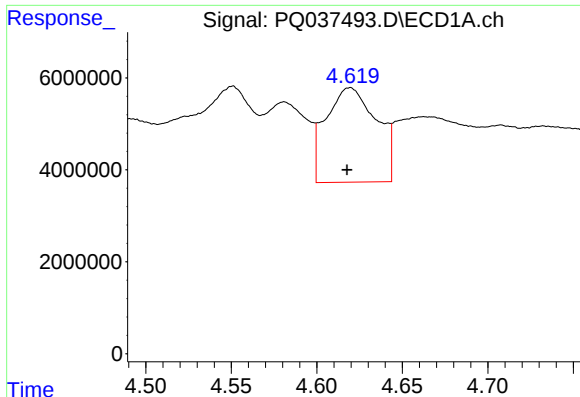
#10 AR-1221-3

R.T.: 4.619 min  
Delta R.T.: 0.002 min  
Response: 42423076  
Conc: 163.13 ng/ml



#10 AR-1221-3

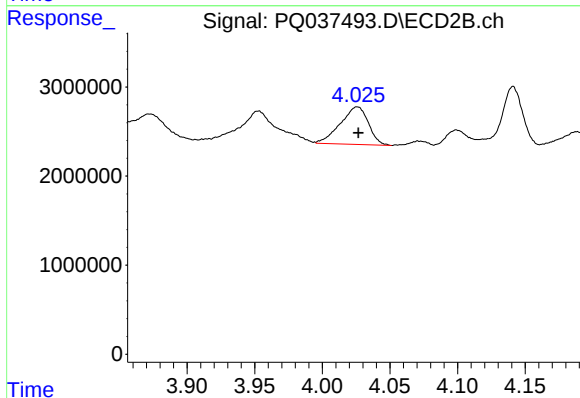
R.T.: 4.026 min  
Delta R.T.: 0.000 min  
Response: 6105933  
Conc: 43.03 ng/ml



#11 AR-1232-1

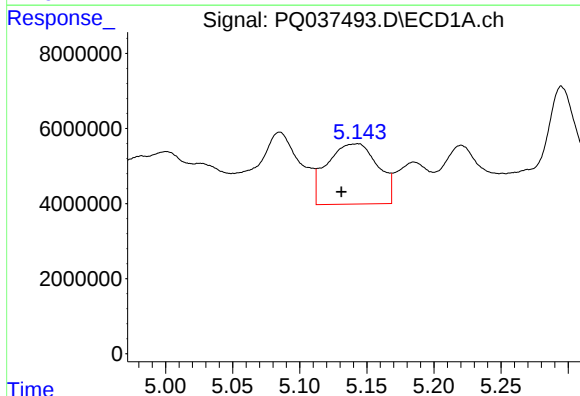
R.T.: 4.619 min  
Delta R.T.: 0.002 min  
Response: 42423076  
Conc: 396.29 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



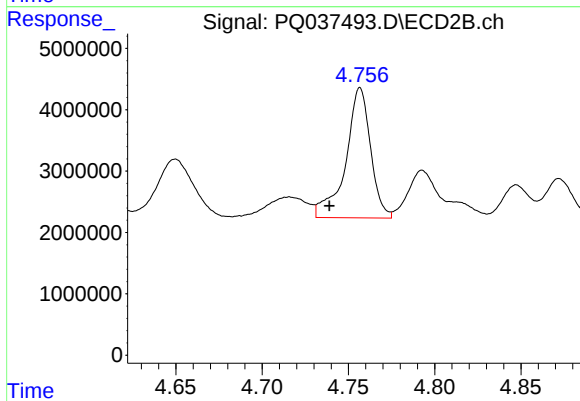
#11 AR-1232-1

R.T.: 4.026 min  
Delta R.T.: 0.000 min  
Response: 6105933  
Conc: 101.31 ng/ml



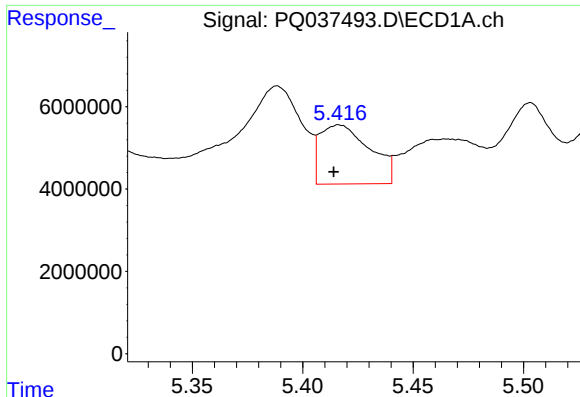
#12 AR-1232-2

R.T.: 5.143 min  
Delta R.T.: 0.012 min  
Response: 42400042  
Conc: 768.71 ng/ml



#12 AR-1232-2

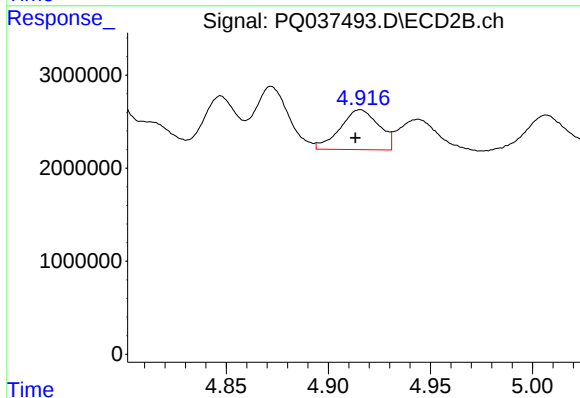
R.T.: 4.757 min  
Delta R.T.: 0.018 min  
Response: 21349599  
Conc: 325.44 ng/ml



#13 AR-1232-3

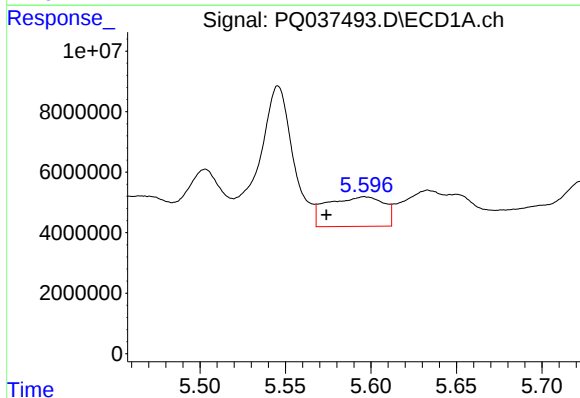
R.T.: 5.417 min  
Delta R.T.: 0.002 min  
Response: 22557198  
Conc: 191.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



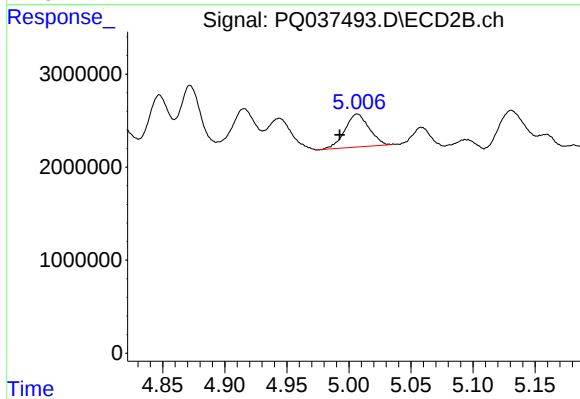
#13 AR-1232-3

R.T.: 4.916 min  
Delta R.T.: 0.002 min  
Response: 5677064  
Conc: 176.41 ng/ml



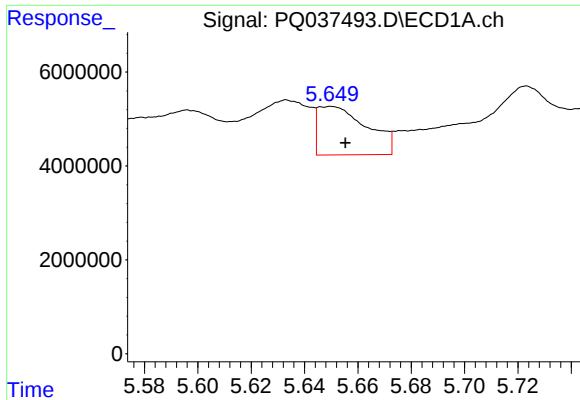
#14 AR-1232-4

R.T.: 5.596 min  
Delta R.T.: 0.022 min  
Response: 22568300  
Conc: 401.46 ng/ml



#14 AR-1232-4

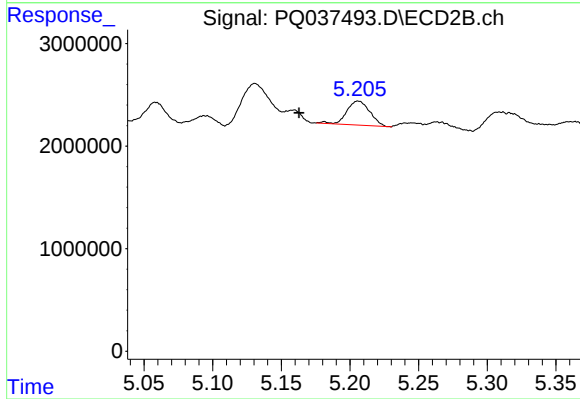
R.T.: 5.007 min  
Delta R.T.: 0.014 min  
Response: 4809598  
Conc: 170.41 ng/ml



#15 AR-1232-5

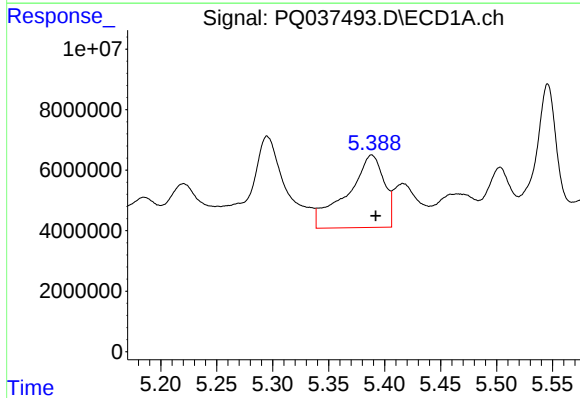
R.T.: 5.650 min  
Delta R.T.: -0.006 min  
Response: 13206357  
Conc: 313.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



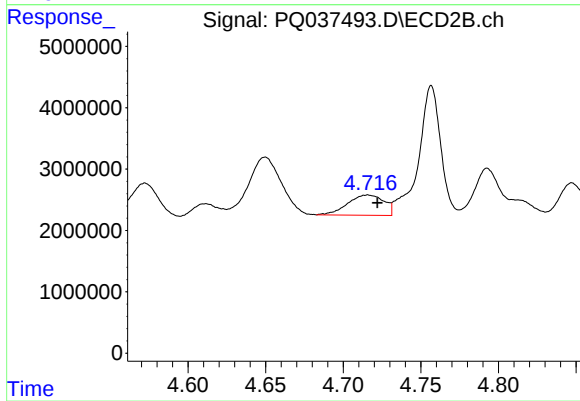
#15 AR-1232-5

R.T.: 5.206 min  
Delta R.T.: 0.043 min  
Response: 2747599  
Conc: 90.48 ng/ml



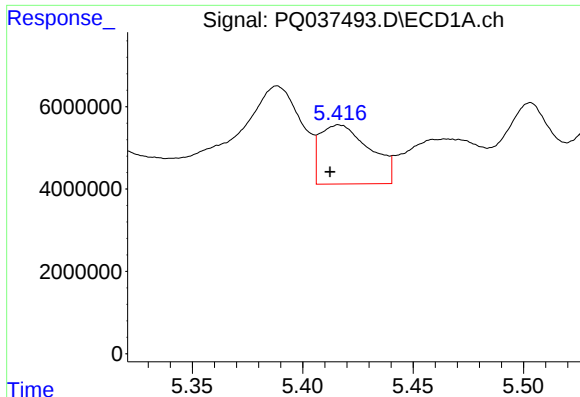
#16 AR-1242-1

R.T.: 5.388 min  
Delta R.T.: -0.004 min  
Response: 54913908  
Conc: 373.60 ng/ml



#16 AR-1242-1

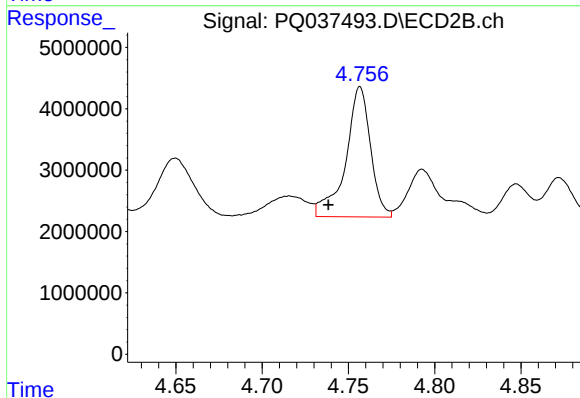
R.T.: 4.716 min  
Delta R.T.: -0.006 min  
Response: 5387411  
Conc: 65.95 ng/ml



#17 AR-1242-2

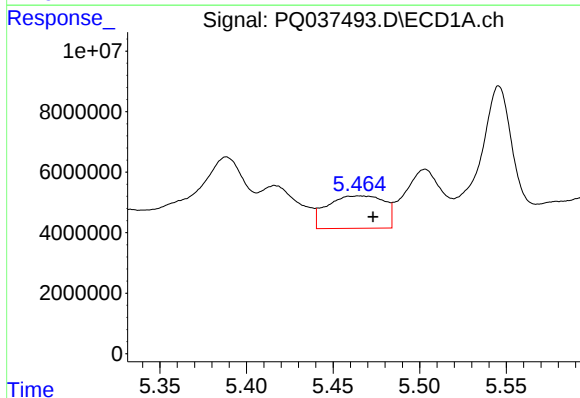
R.T.: 5.417 min  
Delta R.T.: 0.004 min  
Response: 22557198  
Conc: 99.78 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



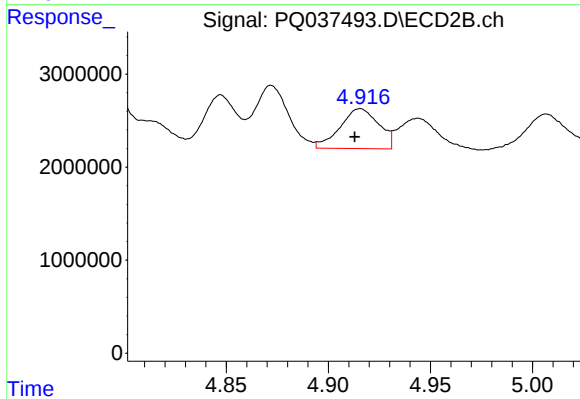
#17 AR-1242-2

R.T.: 4.757 min  
Delta R.T.: 0.018 min  
Response: 21349599  
Conc: 173.71 ng/ml



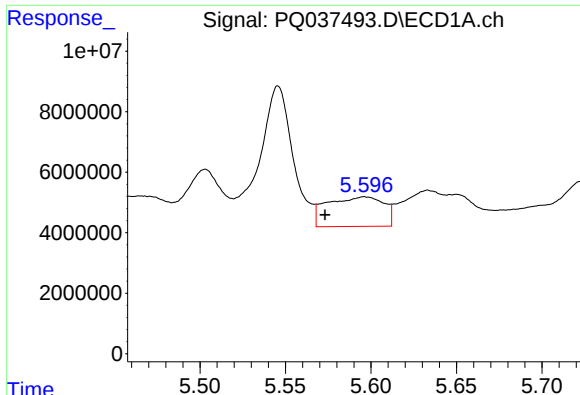
#18 AR-1242-3

R.T.: 5.465 min  
Delta R.T.: -0.008 min  
Response: 24565497  
Conc: 185.42 ng/ml



#18 AR-1242-3

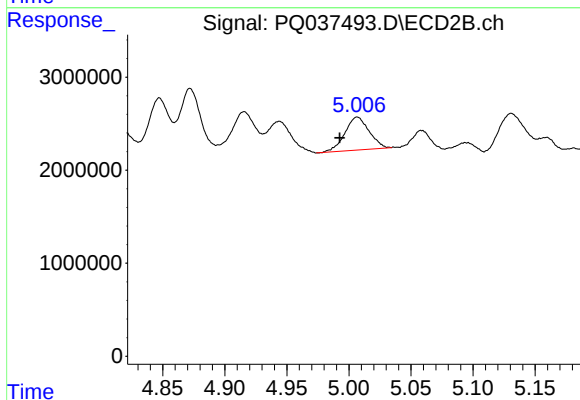
R.T.: 4.916 min  
Delta R.T.: 0.003 min  
Response: 5677064  
Conc: 91.64 ng/ml



#19 AR-1242-4

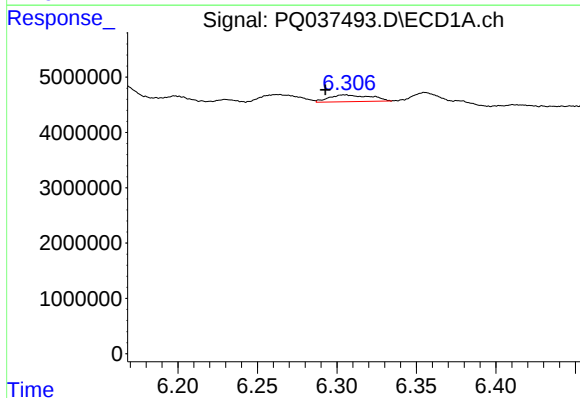
R.T.: 5.596 min  
Delta R.T.: 0.023 min  
Response: 22568300  
Conc: 206.93 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



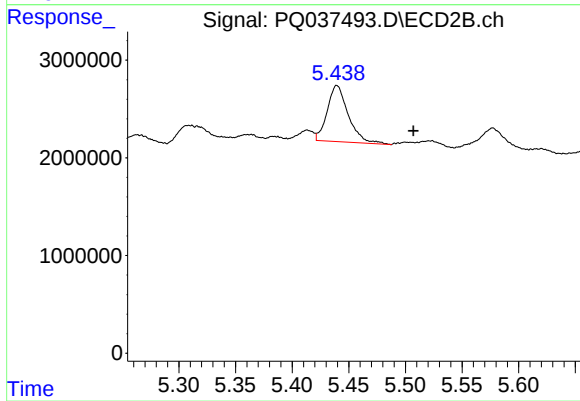
#19 AR-1242-4

R.T.: 5.007 min  
Delta R.T.: 0.014 min  
Response: 4809598  
Conc: 81.01 ng/ml



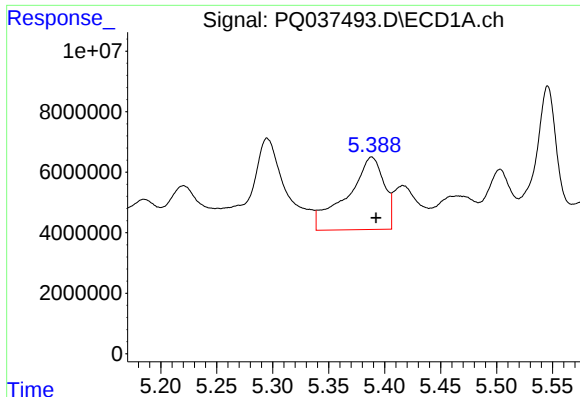
#20 AR-1242-5

R.T.: 6.305 min  
Delta R.T.: 0.012 min  
Response: 2215595  
Conc: 18.45 ng/ml



#20 AR-1242-5

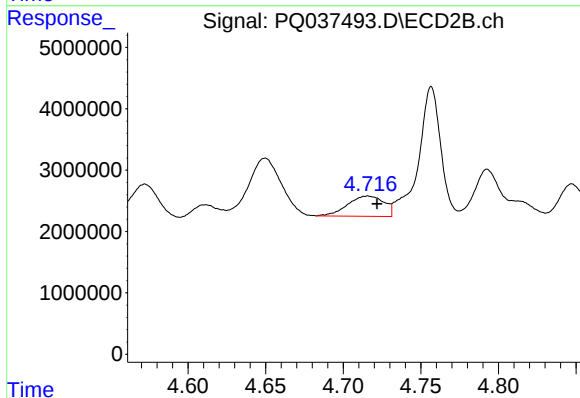
R.T.: 5.440 min  
Delta R.T.: -0.067 min  
Response: 7441022  
Conc: 103.42 ng/ml



#21 AR-1248-1

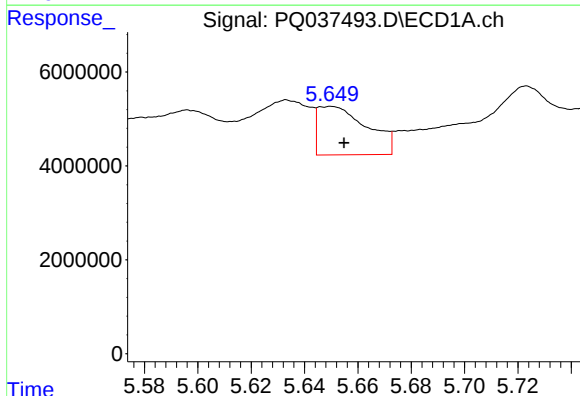
R.T.: 5.388 min  
Delta R.T.: -0.004 min  
Response: 54913908  
Conc: 544.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



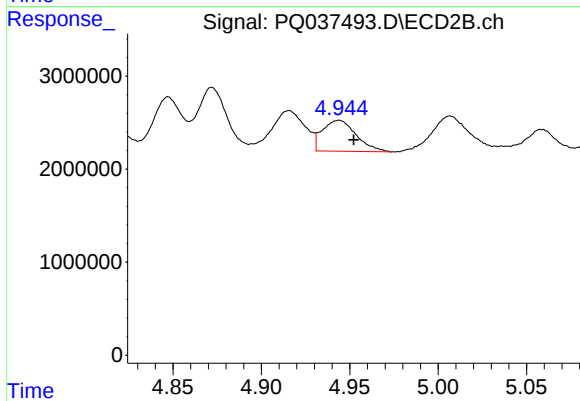
#21 AR-1248-1

R.T.: 4.716 min  
Delta R.T.: -0.006 min  
Response: 5387411  
Conc: 93.53 ng/ml



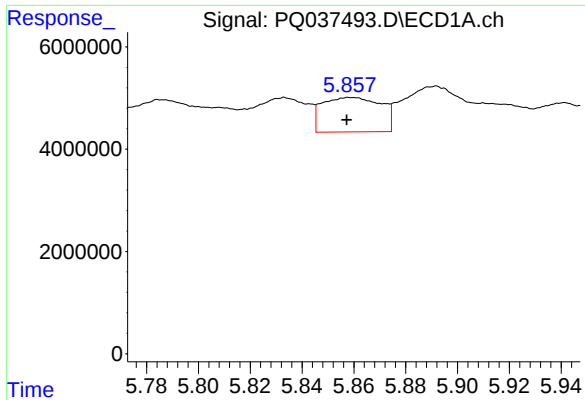
#22 AR-1248-2

R.T.: 5.650 min  
Delta R.T.: -0.005 min  
Response: 13206357  
Conc: 95.44 ng/ml



#22 AR-1248-2

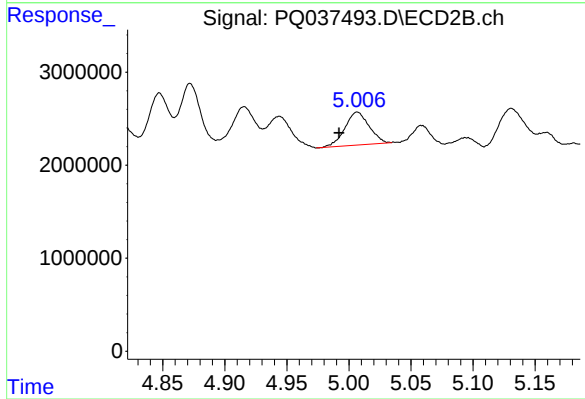
R.T.: 4.944 min  
Delta R.T.: -0.008 min  
Response: 4442883  
Conc: 59.87 ng/ml



#23 AR-1248-3

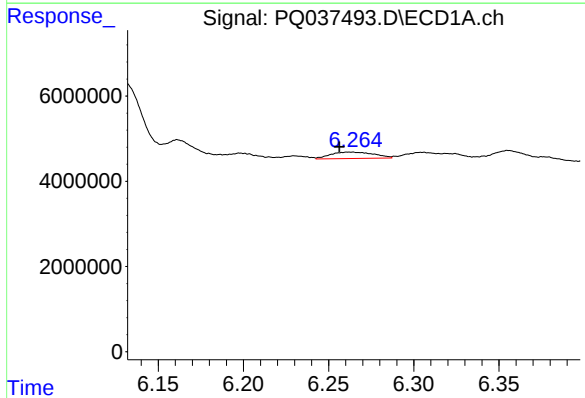
R.T.: 5.859 min  
Delta R.T.: 0.002 min  
Response: 10643250  
Conc: 68.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



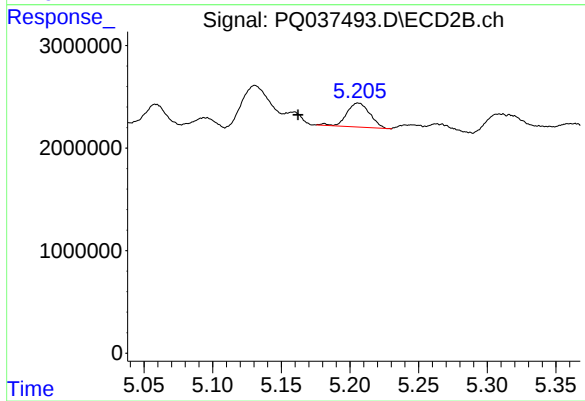
#23 AR-1248-3

R.T.: 5.007 min  
Delta R.T.: 0.015 min  
Response: 4809598  
Conc: 64.38 ng/ml



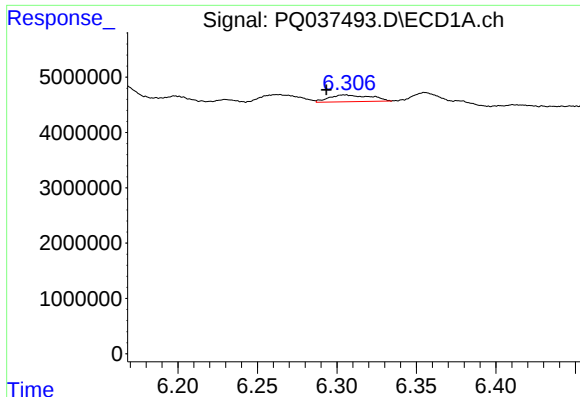
#24 AR-1248-4

R.T.: 6.263 min  
Delta R.T.: 0.006 min  
Response: 2633603  
Conc: 14.72 ng/ml



#24 AR-1248-4

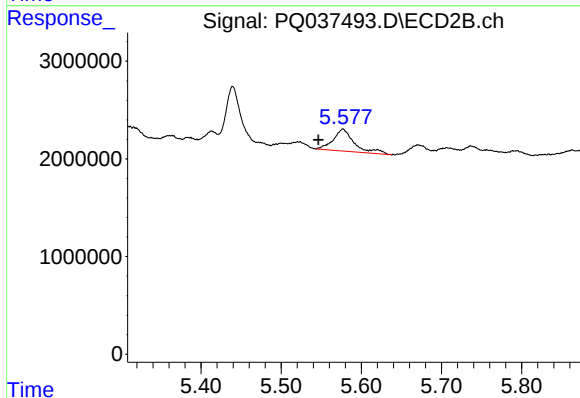
R.T.: 5.206 min  
Delta R.T.: 0.044 min  
Response: 2747599  
Conc: 30.38 ng/ml



#25 AR-1248-5

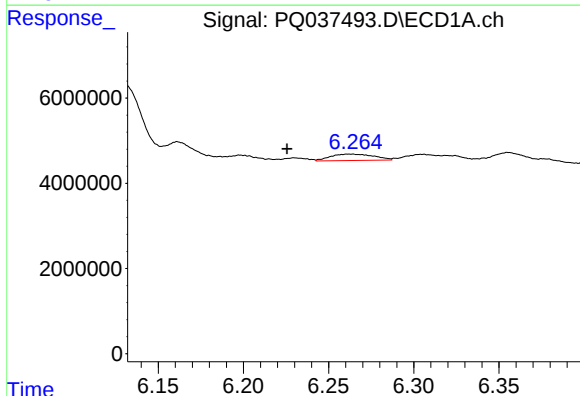
R.T.: 6.305 min  
Delta R.T.: 0.011 min  
Response: 2215595  
Conc: 13.15 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



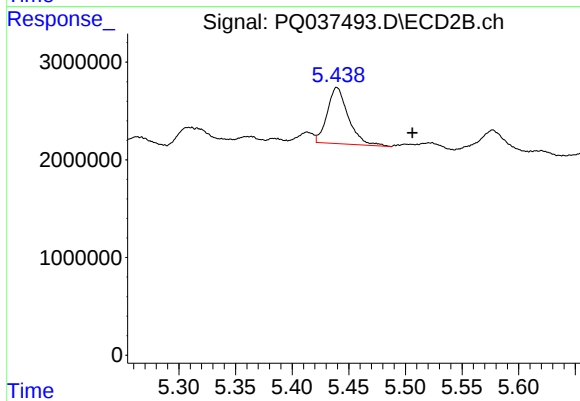
#25 AR-1248-5

R.T.: 5.577 min  
Delta R.T.: 0.030 min  
Response: 4167691  
Conc: 46.35 ng/ml



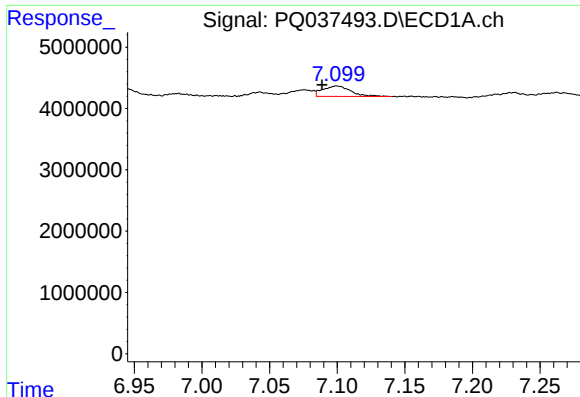
#26 AR-1254-1

R.T.: 6.263 min  
Delta R.T.: 0.037 min  
Response: 2633603  
Conc: 12.79 ng/ml



#26 AR-1254-1

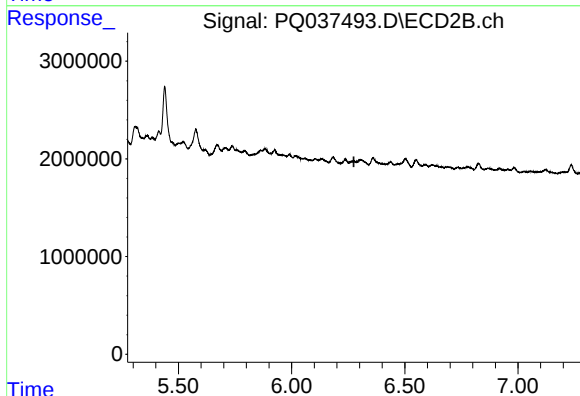
R.T.: 5.440 min  
Delta R.T.: -0.067 min  
Response: 7441022  
Conc: 47.44 ng/ml



#29 AR-1254-4

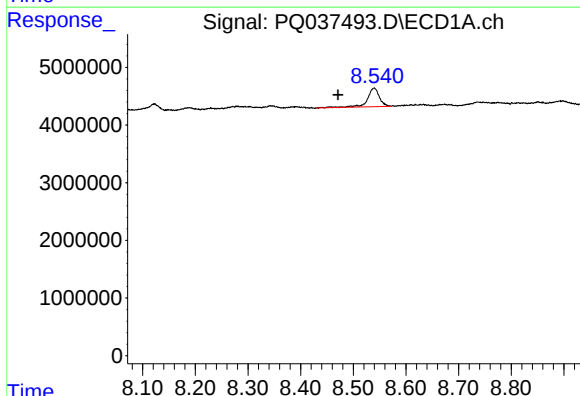
R.T.: 7.100 min  
Delta R.T.: 0.011 min  
Response: 2443641  
Conc: 9.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
COMP-2



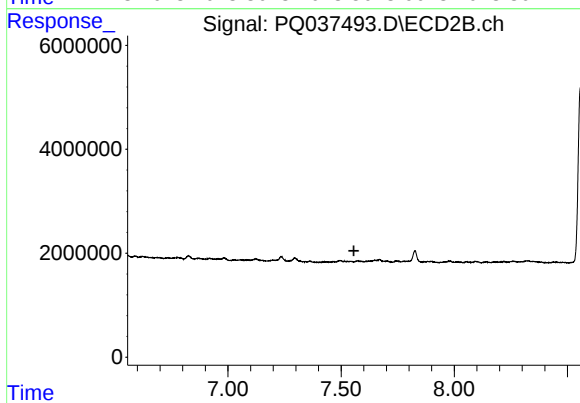
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.275 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.540 min  
Delta R.T.: 0.069 min  
Response: 5081038  
Conc: 6.01 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.556 min  
Response: 0  
Conc: N.D.