

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ122718\  
 Data File : PQ036042.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2018 12:47  
 Operator : SM\SJ  
 Sample : J6447-11DL 50X  
 Misc :  
 ALS Vial : 131 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 03:57:29 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Dec 24 12:28:48 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... | 4.413 | 3.734 | 2220240  | 1394612  | 0.567   | 0.624     |
| Target Compounds            |                 |       |       |          |          |         |           |
| 5)                          | L1 AR-1016-3    | 0.000 | 5.044 | 0        | 4297338  | N.D.    | 73.585 #  |
| 6)                          | L1 AR-1016-4    | 5.845 | 5.044 | 4860221  | 4297338  | 51.038  | 91.392 #  |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.257 | 0        | 2866723  | N.D.    | 46.698 #  |
| 10)                         | L2 AR-1221-3    | 0.000 | 4.173 | 0        | 1745477  | N.D.    | 35.929 #  |
| 11)                         | L3 AR-1232-1    | 0.000 | 4.173 | 0        | 1745477  | N.D.    | 39.642 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 5.044 | 0        | 4297338  | N.D.    | 168.183 # |
| 14)                         | L3 AR-1232-4    | 5.845 | 5.116 | 4860221  | 1128086  | 121.377 | 49.442 #  |
| 15)                         | L3 AR-1232-5    | 5.890 | 5.257 | 2248735  | 2866723  | 71.008  | 114.773 # |
| 18)                         | L4 AR-1242-3    | 0.000 | 5.044 | 0        | 4297338  | N.D.    | 95.421 #  |
| 19)                         | L4 AR-1242-4    | 5.845 | 5.116 | 4860221  | 1128086  | 70.255  | 25.475 #  |
| 20)                         | L4 AR-1242-5    | 6.491 | 5.605 | 5067931  | 15723258 | 64.598  | 284.896 # |
| 22)                         | L5 AR-1248-2    | 5.890 | 5.044 | 2248735  | 4297338  | 23.725  | 79.179 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 5.116 | 0        | 1128086  | N.D.    | 20.216 #  |
| 24)                         | L5 AR-1248-4    | 6.491 | 5.257 | 5067931  | 2866723  | 41.153  | 41.412    |
| 25)                         | L5 AR-1248-5    | 6.491 | 5.645 | 5067931  | 2988361  | 43.318  | 42.399    |
| 26)                         | L6 AR-1254-1    | 6.453 | 5.605 | 5125121  | 15723258 | 33.666  | 117.876 # |
| 27)                         | L6 AR-1254-2    | 6.691 | 5.750 | 3115460  | 16586031 | 13.167  | 143.541 # |
| 28)                         | L6 AR-1254-3    | 7.064 | 6.162 | 40749717 | 34113039 | 158.710 | 176.698   |
| 29)                         | L6 AR-1254-4    | 7.355 | 6.406 | 10699817 | 12759845 | 59.012  | 106.028 # |
| 30)                         | L6 AR-1254-5    | 7.745 | 6.827 | 9858375  | 45459522 | 50.259  | 279.128 # |
| 31)                         | L7 AR-1260-1    | 7.170 | 6.279 | 68864131 | 50837615 | 373.446 | 404.155   |
| 32)                         | L7 AR-1260-2    | 7.426 | 6.466 | 85582765 | 61022511 | 393.875 | 404.088   |
| 33)                         | L7 AR-1260-3    | 7.785 | 6.619 | 57126613 | 54464933 | 426.439 | 389.774   |
| 34)                         | L7 AR-1260-4    | 8.012 | 7.087 | 70347883 | 43065679 | 426.841 | 463.791   |
| 35)                         | L7 AR-1260-5    | 8.331 | 7.329 | 142.5E6  | 105.7E6  | 477.995 | 470.860   |
| 36)                         | L8 AR-1262-1    | 7.843 | 6.827 | 30032679 | 45459522 | 137.088 | 296.215 # |
| 37)                         | L8 AR-1262-2    | 8.382 | 7.329 | 7300637  | 105.7E6  | 19.380  | 395.935 # |
| 38)                         | L8 AR-1262-3    | 8.658 | 7.607 | 87743235 | 20591913 | 365.004 | 198.414 # |
| 39)                         | L8 AR-1262-4    | 8.709 | 7.673 | 47563774 | 73139755 | 263.266 | 394.829 # |
| 40)                         | L8 AR-1262-5    | 9.461 | 0.000 | 1941856  | 0        | 17.051  | N.D. #    |
| 41)                         | L9 AR-1268-1    | 8.658 | 7.607 | 87743235 | 20591913 | 181.855 | 61.752 #  |
| 42)                         | L9 AR-1268-2    | 8.709 | 7.673 | 47563774 | 73139755 | 110.239 | 246.797 # |
| 43)                         | L9 AR-1268-3    | 9.048 | 7.931 | 2952051  | 1658746  | 7.811   | 6.786     |
| 44)                         | L9 AR-1268-4    | 9.461 | 0.000 | 1941856  | 0        | 14.165  | N.D. #    |
| 45)                         | L9 AR-1268-5    | 9.772 | 8.458 | 8769181  | 1750190  | 7.575   | 2.396 #   |
| -----                       |                 |       |       |          |          |         |           |

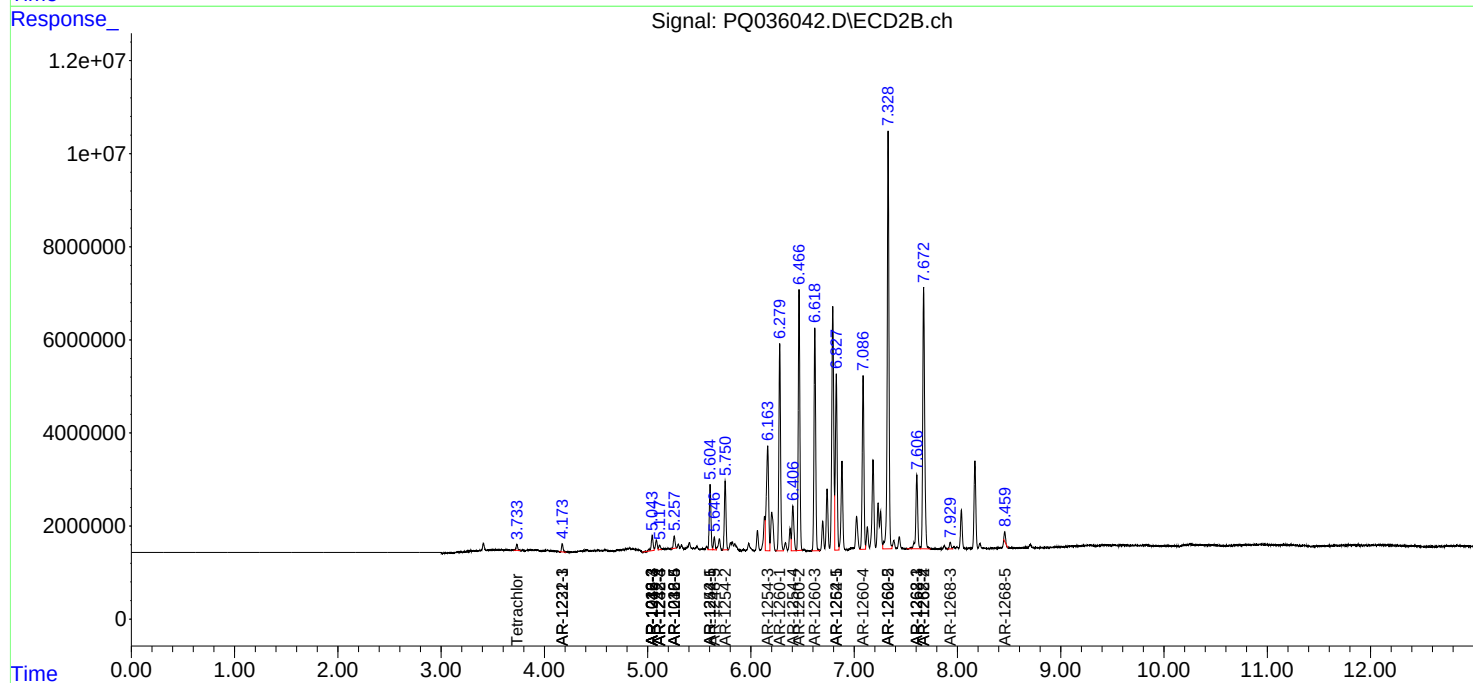
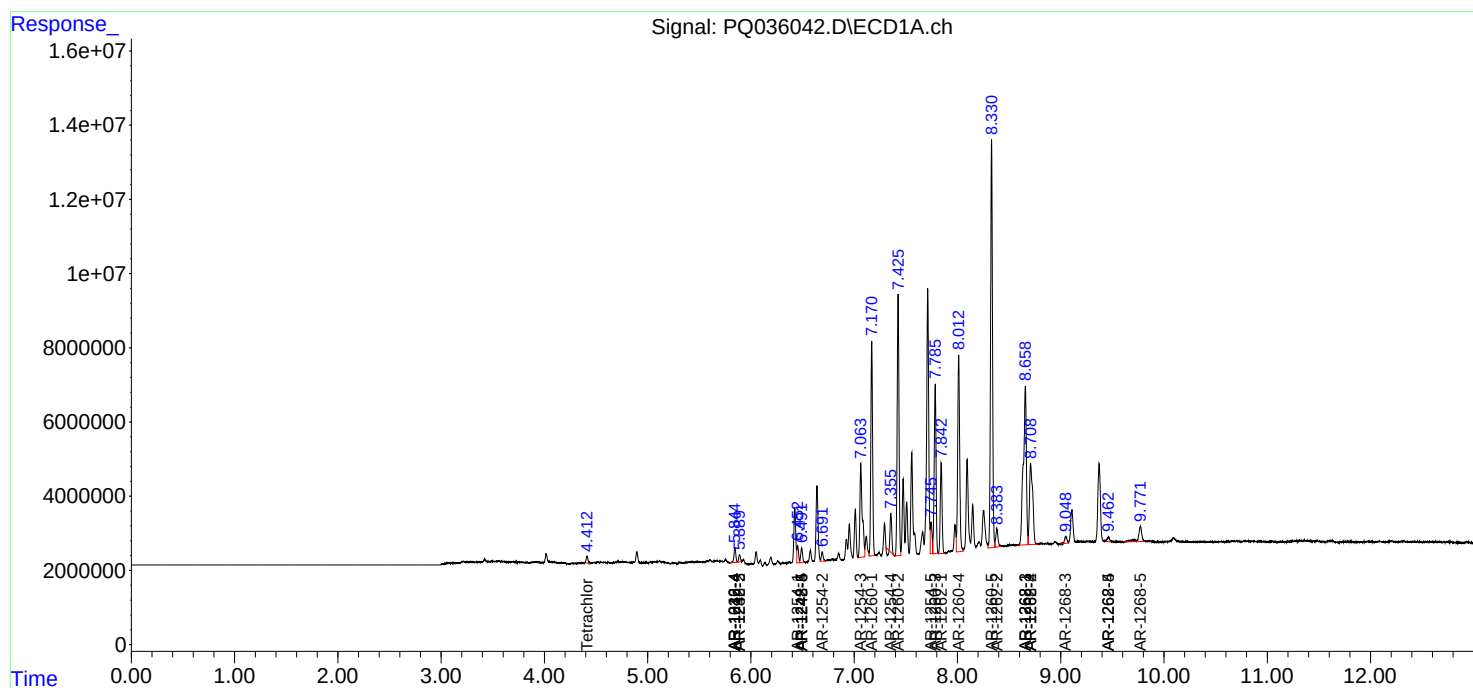
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

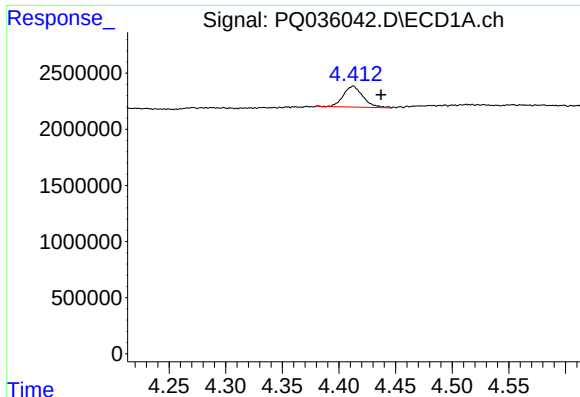
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ122718\  
Data File : PQ036042.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2018 12:47  
Operator : SM\SJ  
Sample : J6447-11DL 50X  
Misc :  
ALS Vial : 131 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 03:57:29 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Dec 24 12:28:48 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

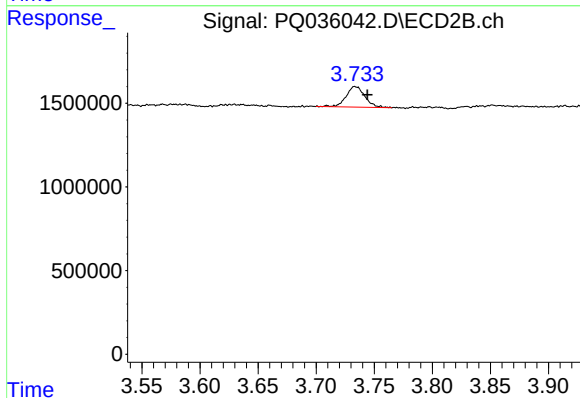




#1 Tetrachloro-m-xylene

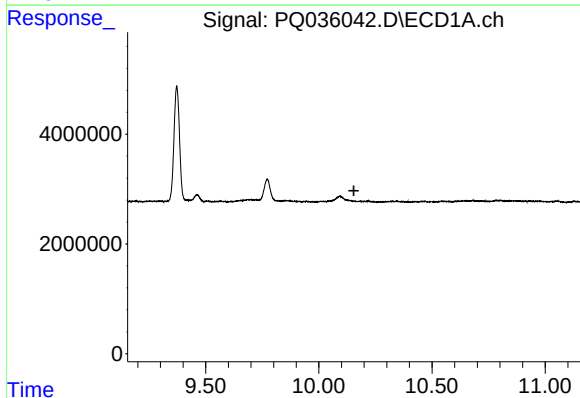
R.T.: 4.413 min  
Delta R.T.: -0.024 min  
Response: 2220240  
Conc: 0.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



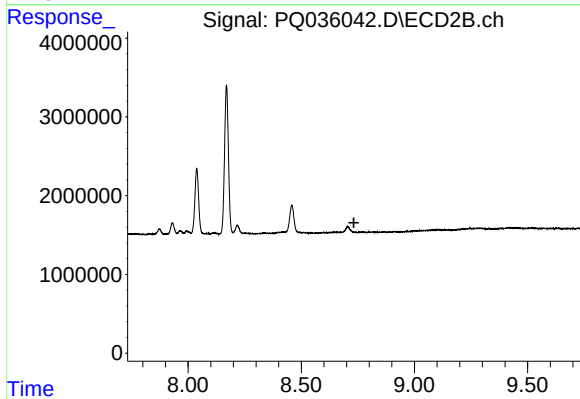
#1 Tetrachloro-m-xylene

R.T.: 3.734 min  
Delta R.T.: -0.010 min  
Response: 1394612  
Conc: 0.62 ng/ml



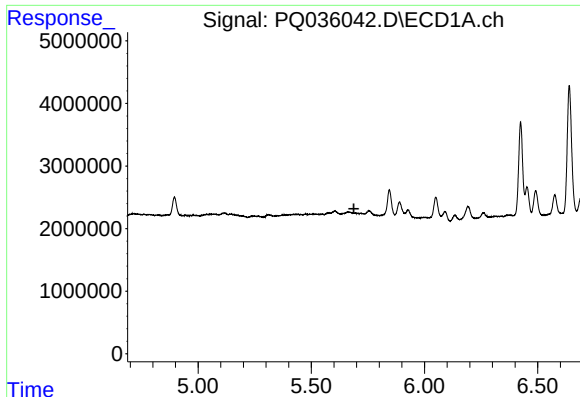
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 10.155 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

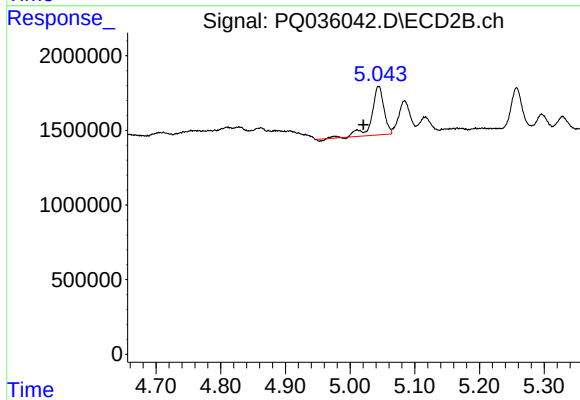
R.T.: 0.000 min  
Exp R.T. : 8.733 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

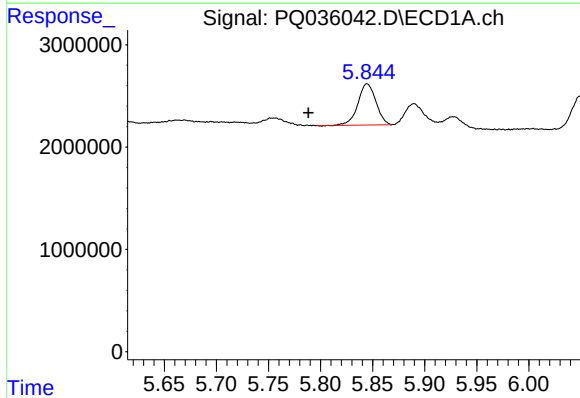
R.T.: 0.000 min  
Exp R.T.: 5.688 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



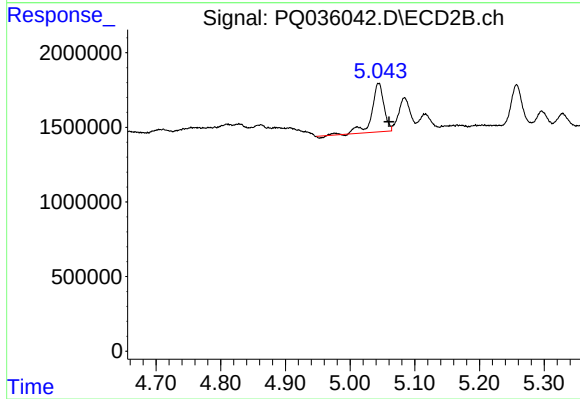
#5 AR-1016-3

R.T.: 5.044 min  
Delta R.T.: 0.024 min  
Response: 4297338  
Conc: 73.59 ng/ml



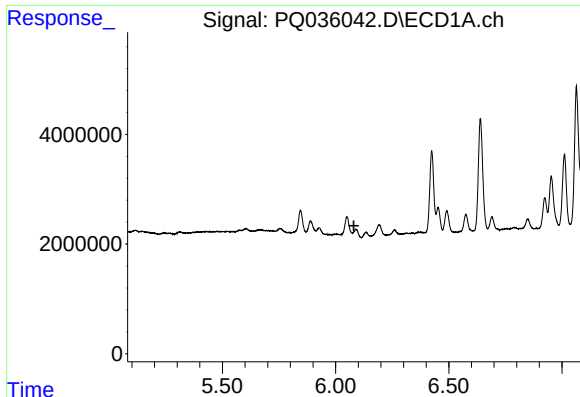
#6 AR-1016-4

R.T.: 5.845 min  
Delta R.T.: 0.057 min  
Response: 4860221  
Conc: 51.04 ng/ml



#6 AR-1016-4

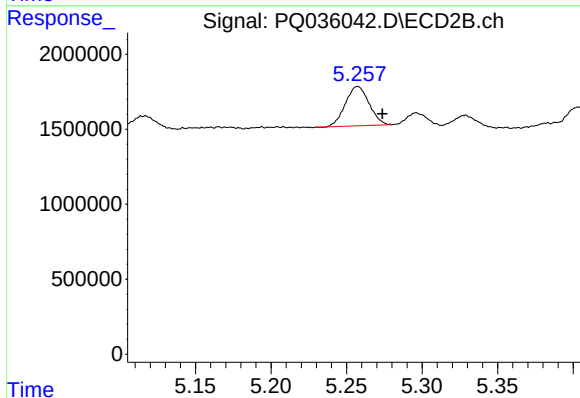
R.T.: 5.044 min  
Delta R.T.: -0.016 min  
Response: 4297338  
Conc: 91.39 ng/ml



#7 AR-1016-5

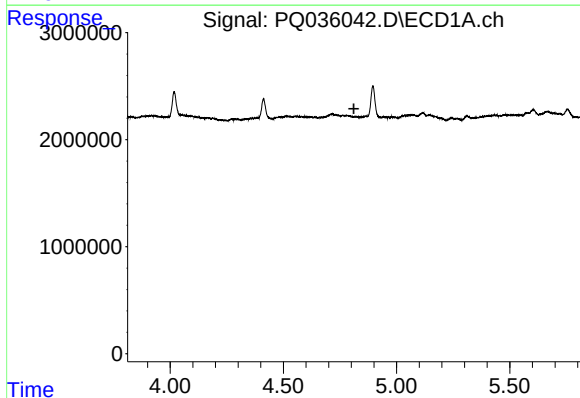
R.T.: 0.000 min  
Exp R.T.: 6.081 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



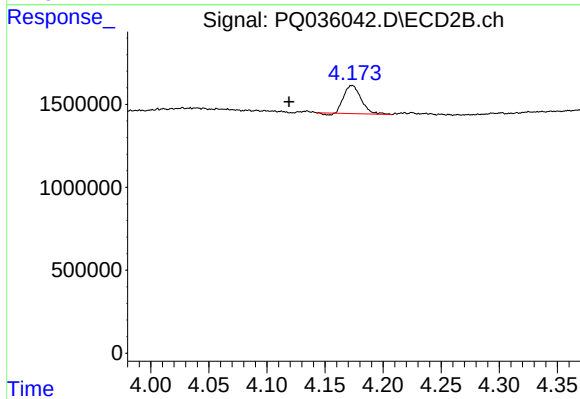
#7 AR-1016-5

R.T.: 5.257 min  
Delta R.T.: -0.016 min  
Response: 2866723  
Conc: 46.70 ng/ml



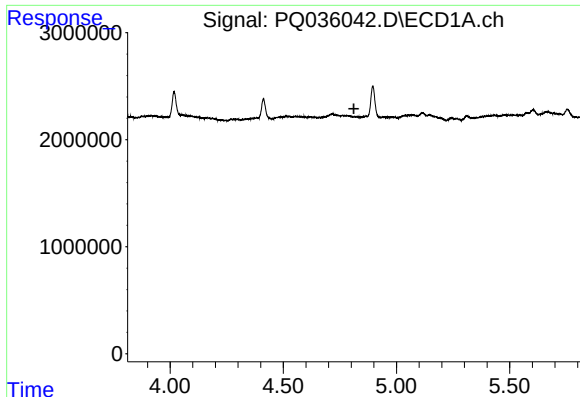
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 4.812 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

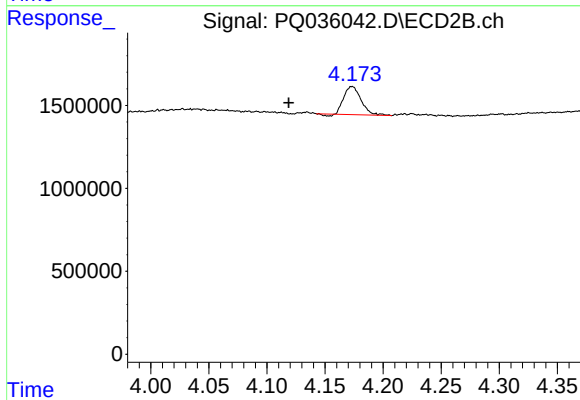
R.T.: 4.173 min  
Delta R.T.: 0.054 min  
Response: 1745477  
Conc: 35.93 ng/ml



#11 AR-1232-1

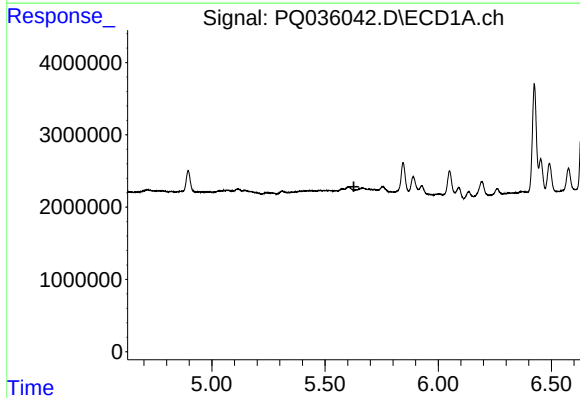
R.T.: 0.000 min  
Exp R.T.: 4.812 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



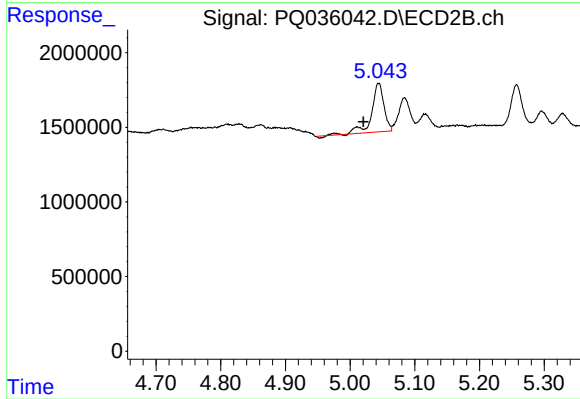
#11 AR-1232-1

R.T.: 4.173 min  
Delta R.T.: 0.055 min  
Response: 1745477  
Conc: 39.64 ng/ml



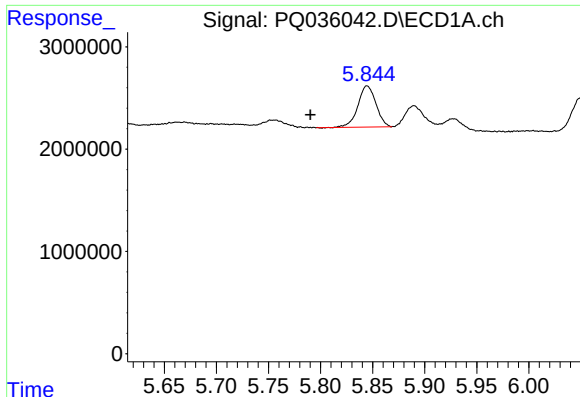
#13 AR-1232-3

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



#13 AR-1232-3

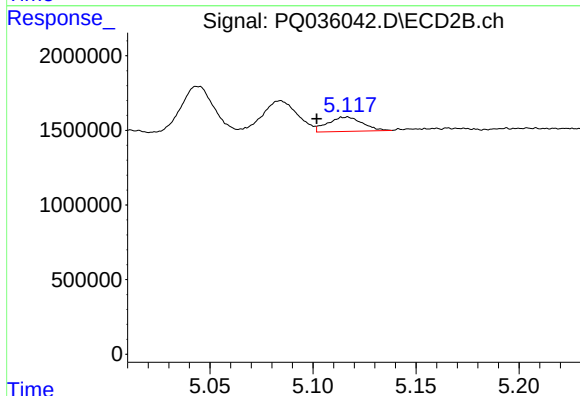
R.T.: 5.044 min  
Delta R.T.: 0.024 min  
Response: 4297338  
Conc: 168.18 ng/ml



#14 AR-1232-4

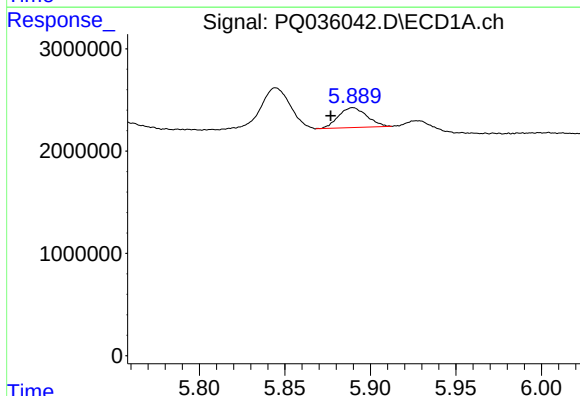
R.T.: 5.845 min  
Delta R.T.: 0.054 min  
Response: 4860221  
Conc: 121.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



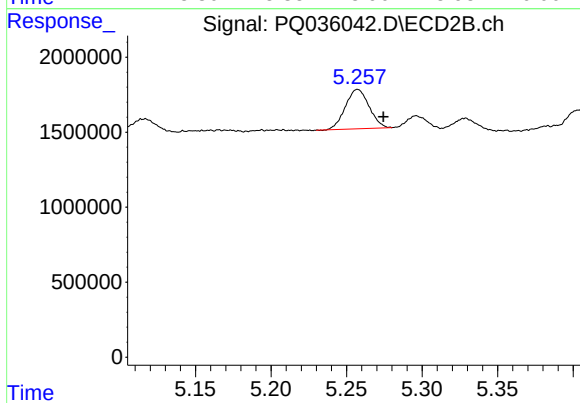
#14 AR-1232-4

R.T.: 5.116 min  
Delta R.T.: 0.014 min  
Response: 1128086  
Conc: 49.44 ng/ml



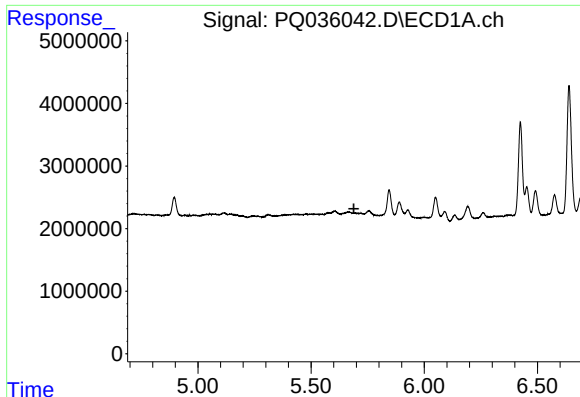
#15 AR-1232-5

R.T.: 5.890 min  
Delta R.T.: 0.013 min  
Response: 2248735  
Conc: 71.01 ng/ml



#15 AR-1232-5

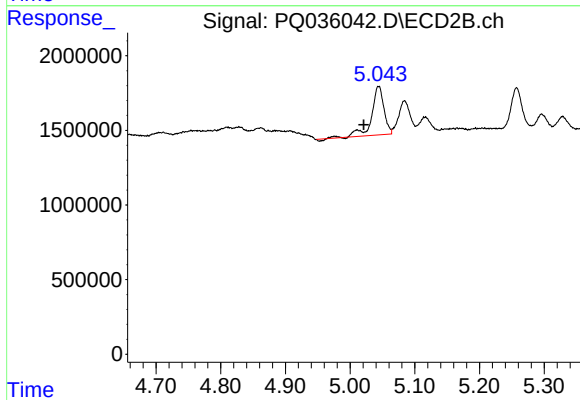
R.T.: 5.257 min  
Delta R.T.: -0.017 min  
Response: 2866723  
Conc: 114.77 ng/ml



#18 AR-1242-3

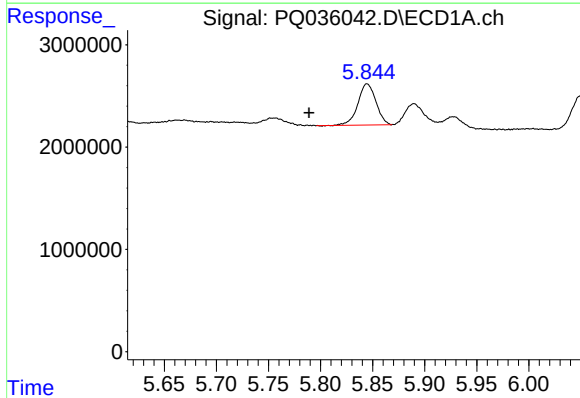
R.T.: 0.000 min  
Exp R.T.: 5.689 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



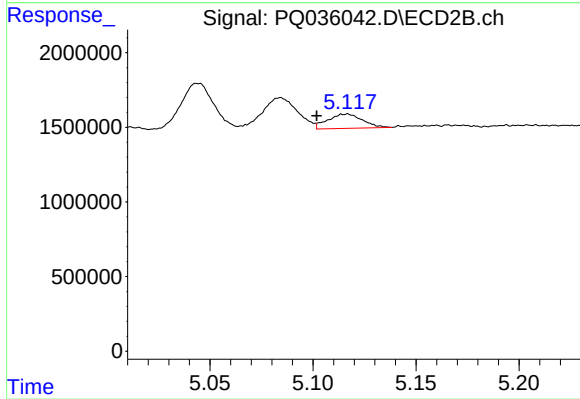
#18 AR-1242-3

R.T.: 5.044 min  
Delta R.T.: 0.023 min  
Response: 4297338  
Conc: 95.42 ng/ml



#19 AR-1242-4

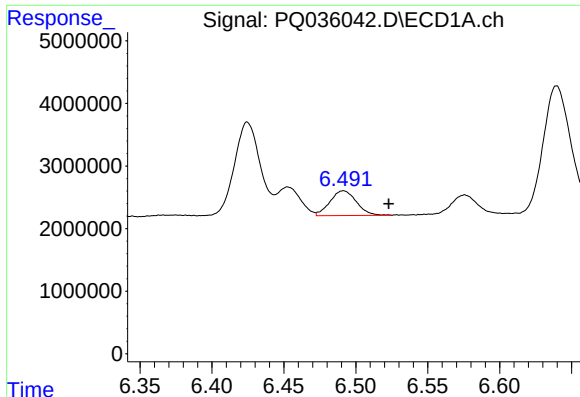
R.T.: 5.845 min  
Delta R.T.: 0.056 min  
Response: 4860221  
Conc: 70.25 ng/ml



#19 AR-1242-4

R.T.: 5.116 min  
Delta R.T.: 0.014 min  
Response: 1128086  
Conc: 25.48 ng/ml

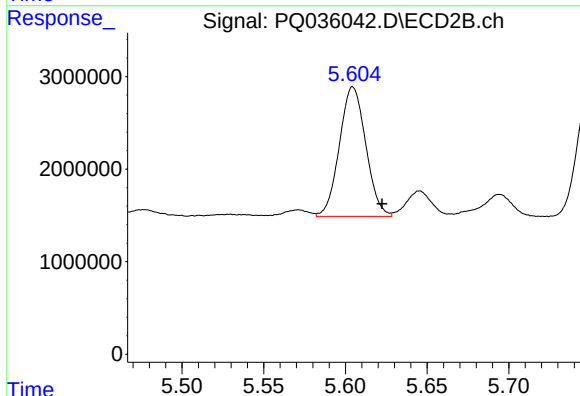




#20 AR-1242-5

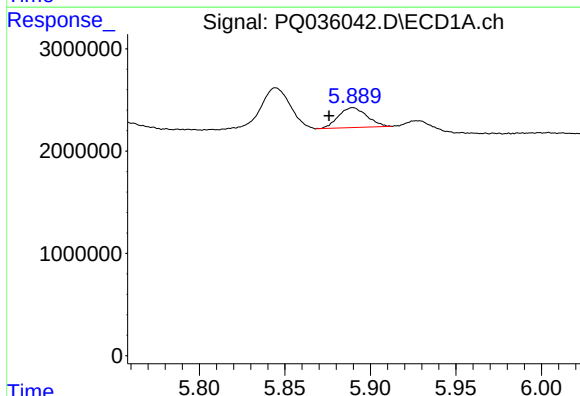
R.T.: 6.491 min  
Delta R.T.: -0.031 min  
Response: 5067931  
Conc: 64.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



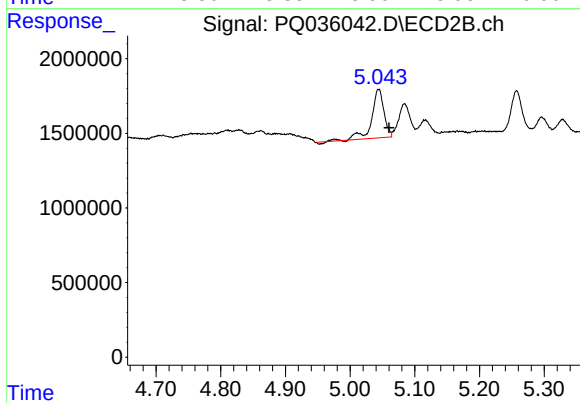
#20 AR-1242-5

R.T.: 5.605 min  
Delta R.T.: -0.018 min  
Response: 15723258  
Conc: 284.90 ng/ml



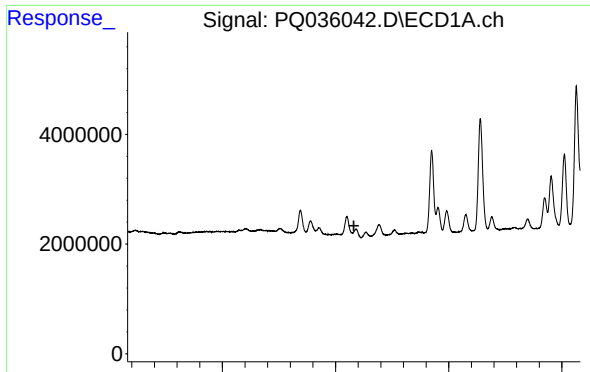
#22 AR-1248-2

R.T.: 5.890 min  
Delta R.T.: 0.014 min  
Response: 2248735  
Conc: 23.72 ng/ml



#22 AR-1248-2

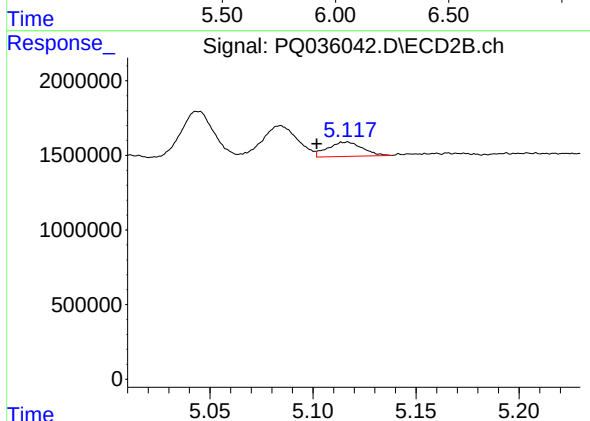
R.T.: 5.044 min  
Delta R.T.: -0.016 min  
Response: 4297338  
Conc: 79.18 ng/ml



#23 AR-1248-3

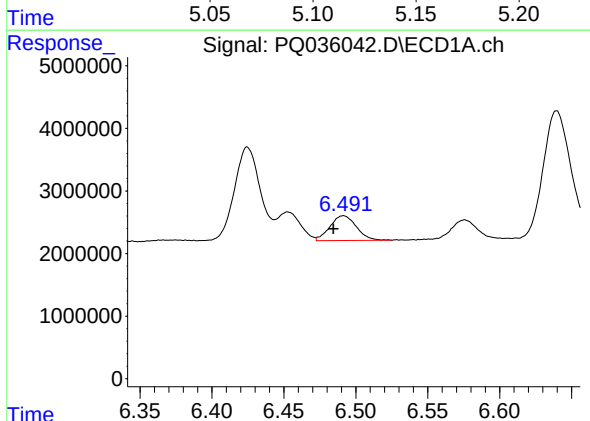
R.T.: 0.000 min  
Exp R.T.: 6.081 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



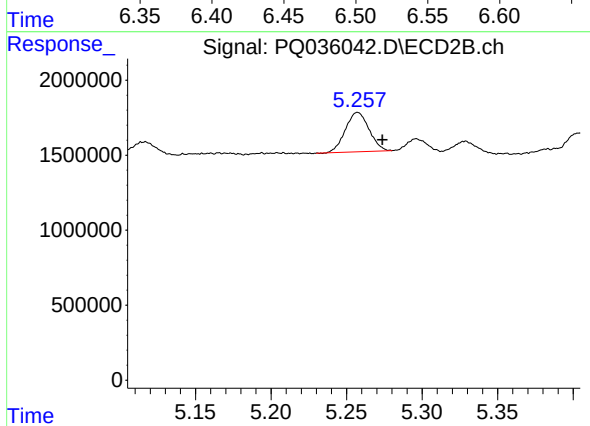
#23 AR-1248-3

R.T.: 5.116 min  
Delta R.T.: 0.014 min  
Response: 1128086  
Conc: 20.22 ng/ml



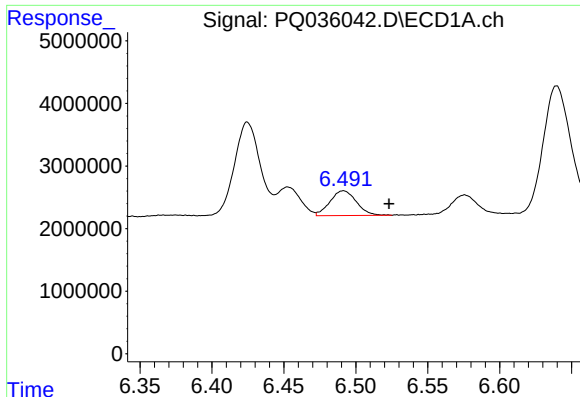
#24 AR-1248-4

R.T.: 6.491 min  
Delta R.T.: 0.007 min  
Response: 5067931  
Conc: 41.15 ng/ml



#24 AR-1248-4

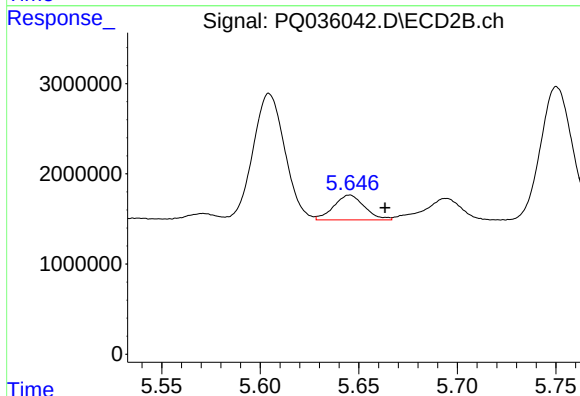
R.T.: 5.257 min  
Delta R.T.: -0.016 min  
Response: 2866723  
Conc: 41.41 ng/ml



#25 AR-1248-5

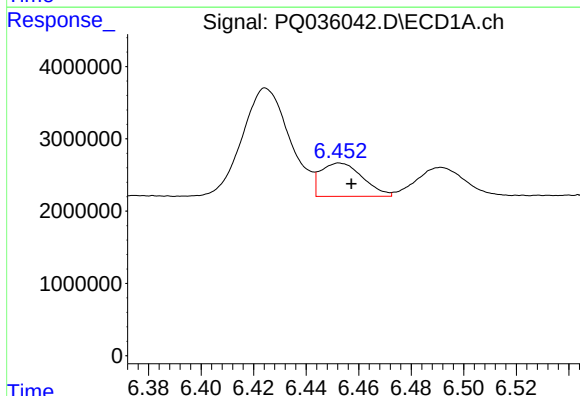
R.T.: 6.491 min  
Delta R.T.: -0.032 min  
Response: 5067931  
Conc: 43.32 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



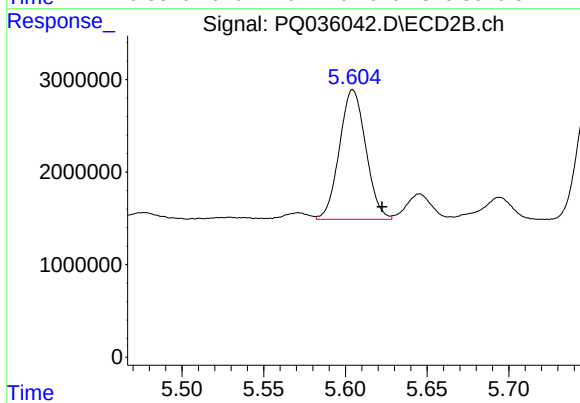
#25 AR-1248-5

R.T.: 5.645 min  
Delta R.T.: -0.018 min  
Response: 2988361  
Conc: 42.40 ng/ml



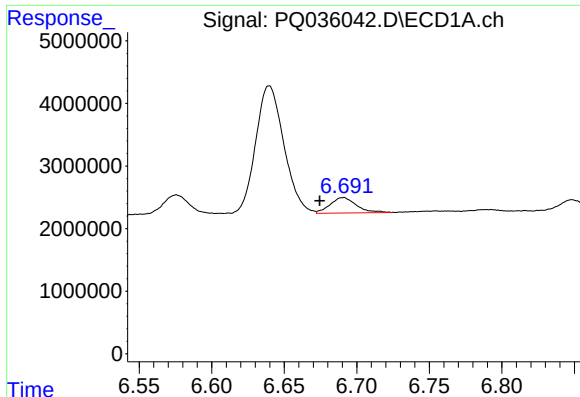
#26 AR-1254-1

R.T.: 6.453 min  
Delta R.T.: -0.004 min  
Response: 5125121  
Conc: 33.67 ng/ml



#26 AR-1254-1

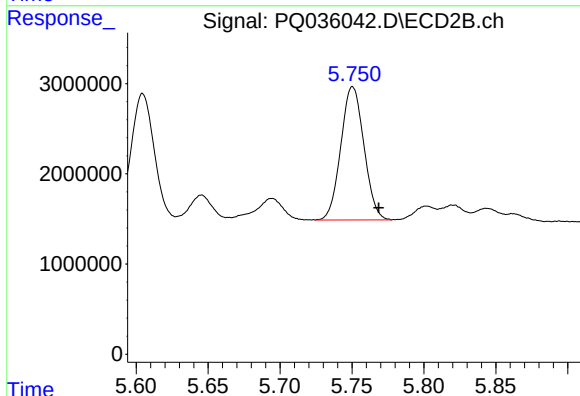
R.T.: 5.605 min  
Delta R.T.: -0.018 min  
Response: 15723258  
Conc: 117.88 ng/ml



#27 AR-1254-2

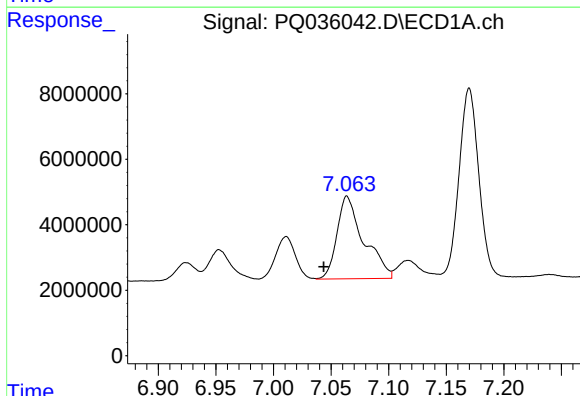
R.T.: 6.691 min  
Delta R.T.: 0.016 min  
Response: 3115460  
Conc: 13.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



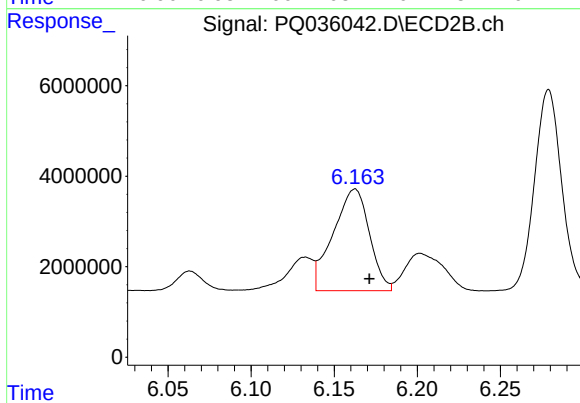
#27 AR-1254-2

R.T.: 5.750 min  
Delta R.T.: -0.018 min  
Response: 16586031  
Conc: 143.54 ng/ml



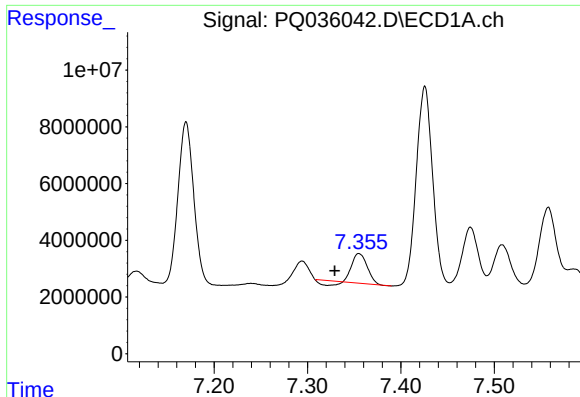
#28 AR-1254-3

R.T.: 7.064 min  
Delta R.T.: 0.020 min  
Response: 40749717  
Conc: 158.71 ng/ml



#28 AR-1254-3

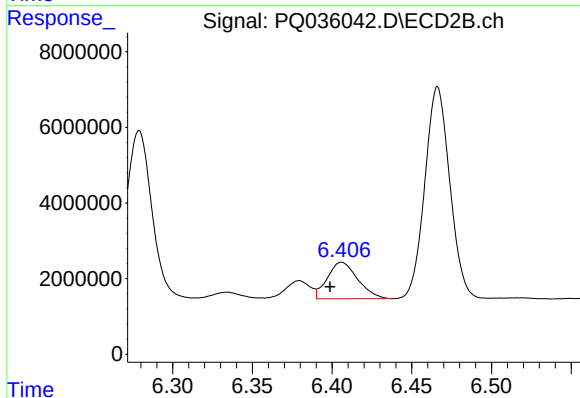
R.T.: 6.162 min  
Delta R.T.: -0.009 min  
Response: 34113039  
Conc: 176.70 ng/ml



#29 AR-1254-4

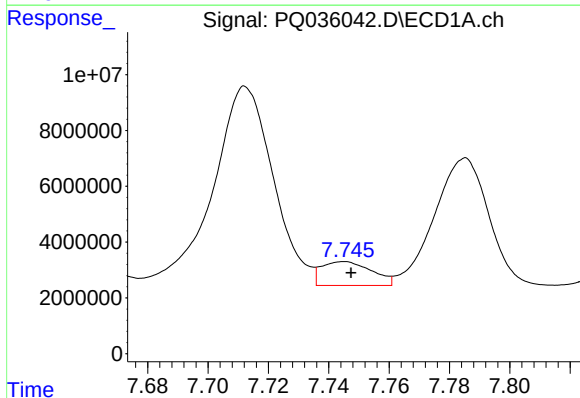
R.T.: 7.355 min  
Delta R.T.: 0.026 min  
Response: 10699817  
Conc: 59.01 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



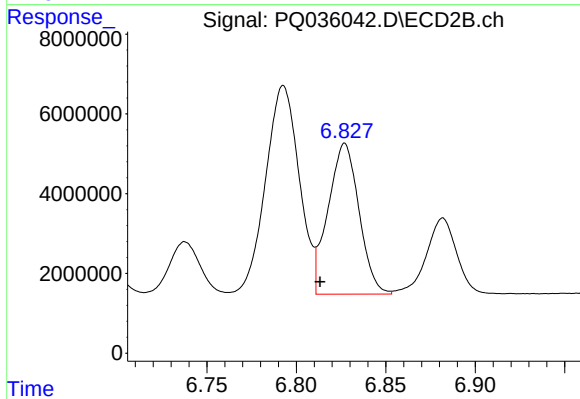
#29 AR-1254-4

R.T.: 6.406 min  
Delta R.T.: 0.007 min  
Response: 12759845  
Conc: 106.03 ng/ml



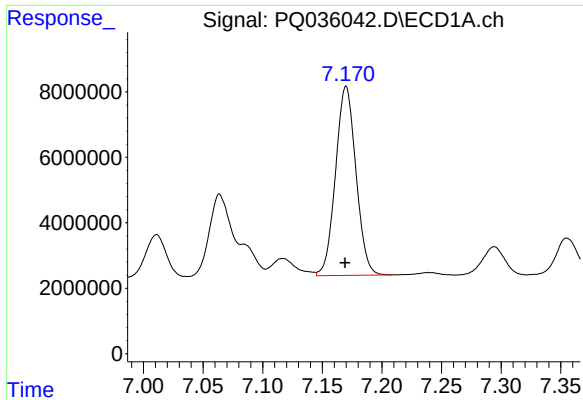
#30 AR-1254-5

R.T.: 7.745 min  
Delta R.T.: -0.002 min  
Response: 9858375  
Conc: 50.26 ng/ml



#30 AR-1254-5

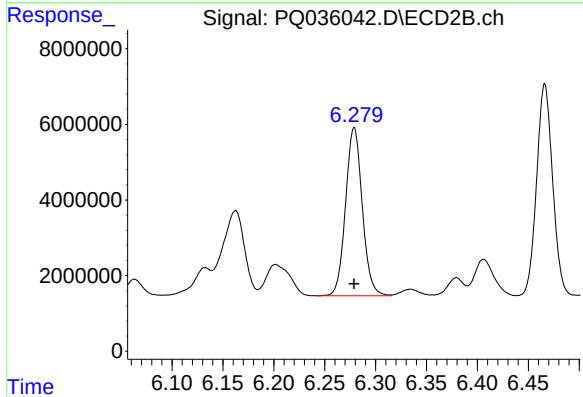
R.T.: 6.827 min  
Delta R.T.: 0.014 min  
Response: 45459522  
Conc: 279.13 ng/ml



#31 AR-1260-1

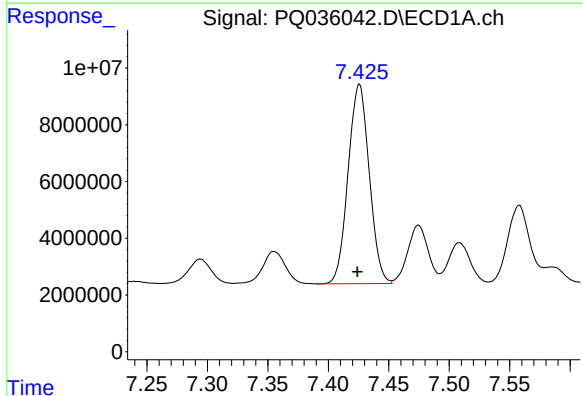
R.T.: 7.170 min  
Delta R.T.: 0.000 min  
Response: 68864131  
Conc: 373.45 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



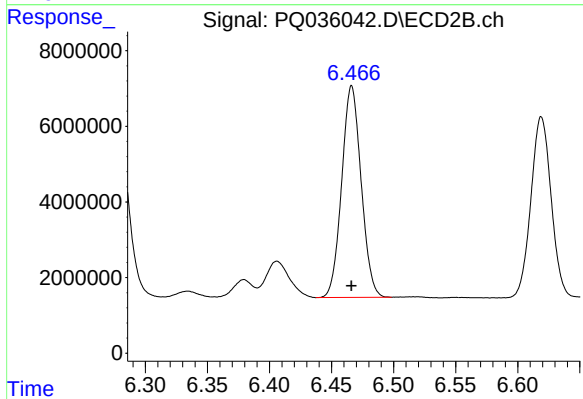
#31 AR-1260-1

R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 50837615  
Conc: 404.16 ng/ml



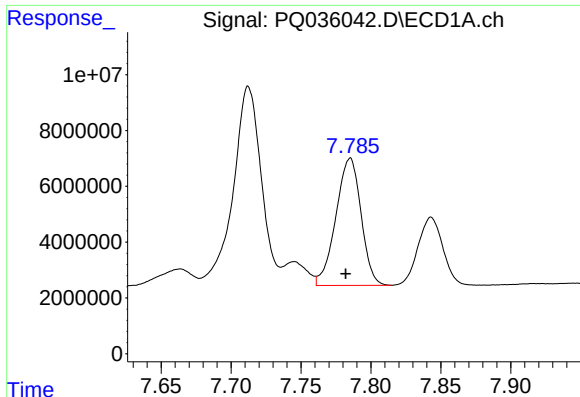
#32 AR-1260-2

R.T.: 7.426 min  
Delta R.T.: 0.002 min  
Response: 85582765  
Conc: 393.88 ng/ml



#32 AR-1260-2

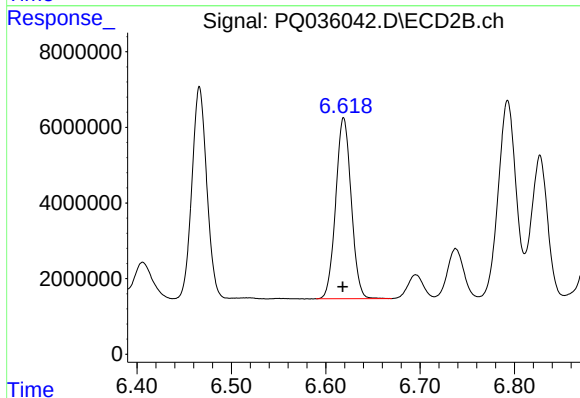
R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 61022511  
Conc: 404.09 ng/ml



#33 AR-1260-3

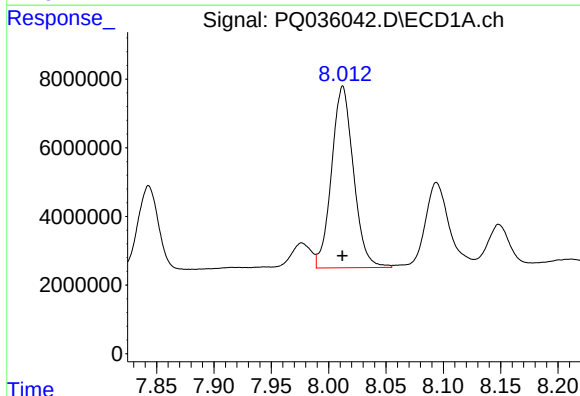
R.T.: 7.785 min  
Delta R.T.: 0.003 min  
Response: 57126613  
Conc: 426.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



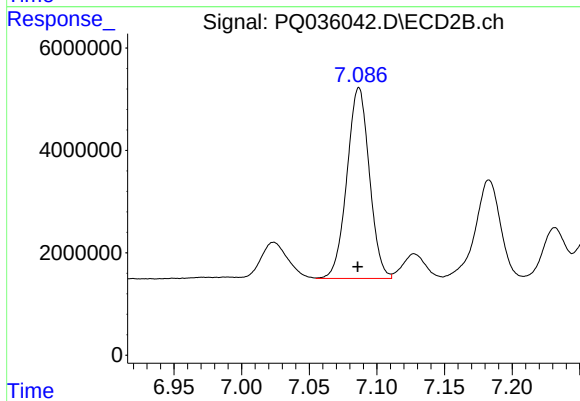
#33 AR-1260-3

R.T.: 6.619 min  
Delta R.T.: 0.001 min  
Response: 54464933  
Conc: 389.77 ng/ml



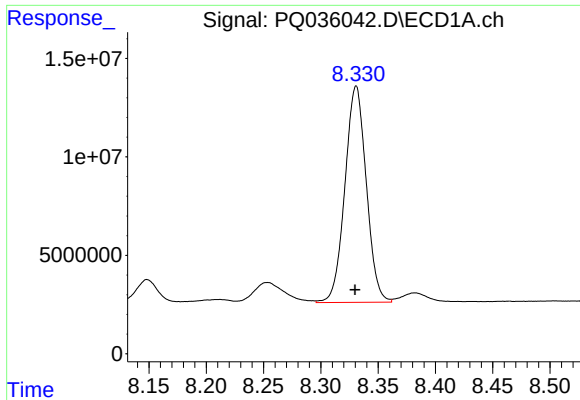
#34 AR-1260-4

R.T.: 8.012 min  
Delta R.T.: 0.000 min  
Response: 70347883  
Conc: 426.84 ng/ml



#34 AR-1260-4

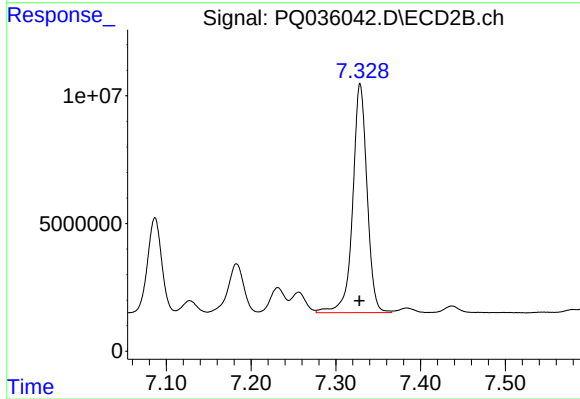
R.T.: 7.087 min  
Delta R.T.: 0.000 min  
Response: 43065679  
Conc: 463.79 ng/ml



#35 AR-1260-5

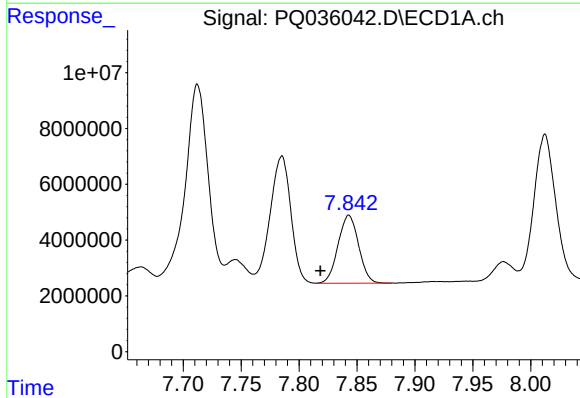
R.T.: 8.331 min  
Delta R.T.: 0.000 min  
Response: 142522384  
Conc: 478.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



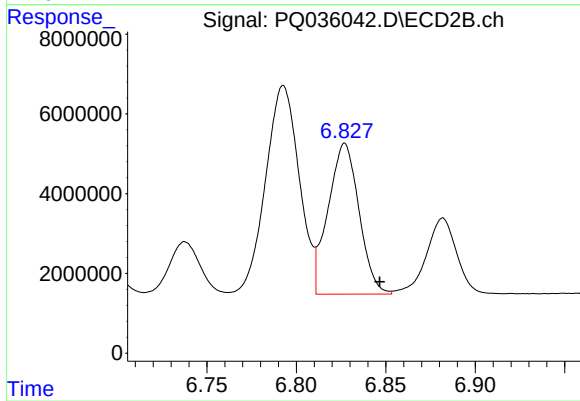
#35 AR-1260-5

R.T.: 7.329 min  
Delta R.T.: 0.000 min  
Response: 105659771  
Conc: 470.86 ng/ml



#36 AR-1262-1

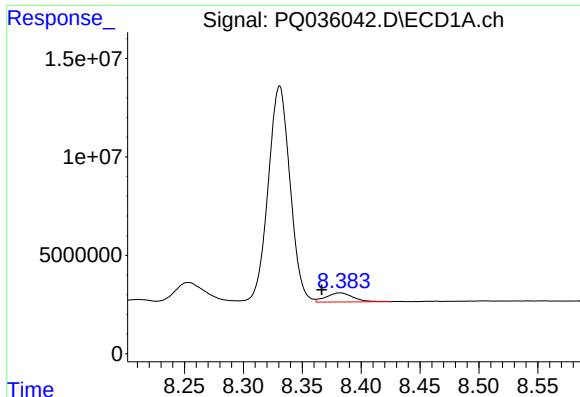
R.T.: 7.843 min  
Delta R.T.: 0.025 min  
Response: 30032679  
Conc: 137.09 ng/ml



#36 AR-1262-1

R.T.: 6.827 min  
Delta R.T.: -0.020 min  
Response: 45459522  
Conc: 296.21 ng/ml

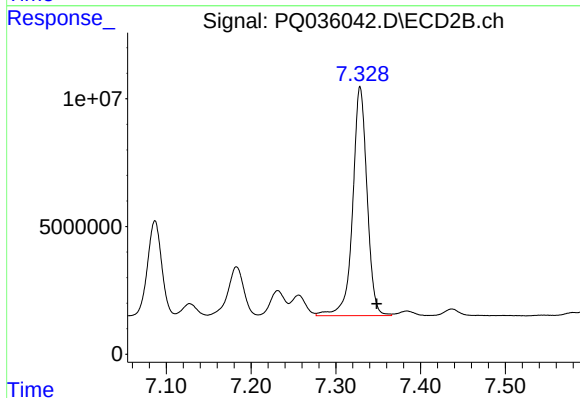




#37 AR-1262-2

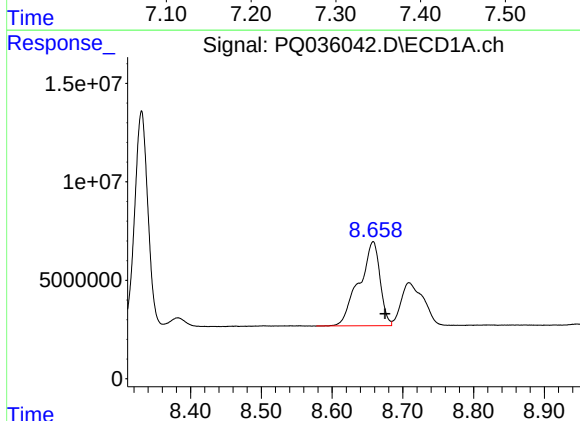
R.T.: 8.382 min  
Delta R.T.: 0.016 min  
Response: 7300637  
Conc: 19.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



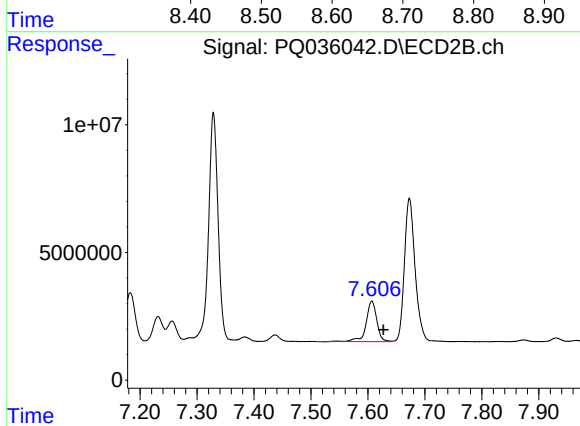
#37 AR-1262-2

R.T.: 7.329 min  
Delta R.T.: -0.020 min  
Response: 105659771  
Conc: 395.94 ng/ml



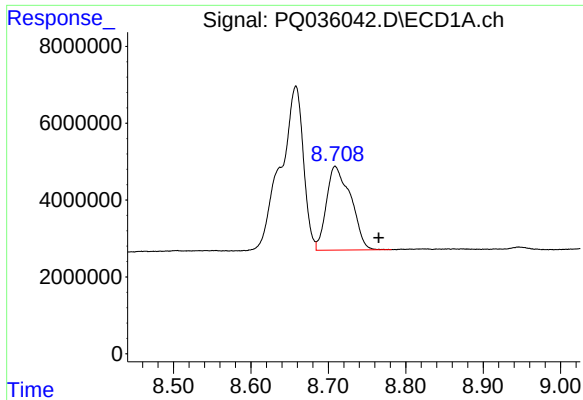
#38 AR-1262-3

R.T.: 8.658 min  
Delta R.T.: -0.017 min  
Response: 87743235  
Conc: 365.00 ng/ml



#38 AR-1262-3

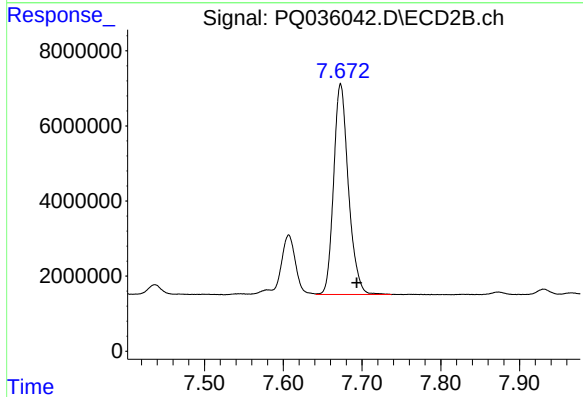
R.T.: 7.607 min  
Delta R.T.: -0.020 min  
Response: 20591913  
Conc: 198.41 ng/ml



#39 AR-1262-4

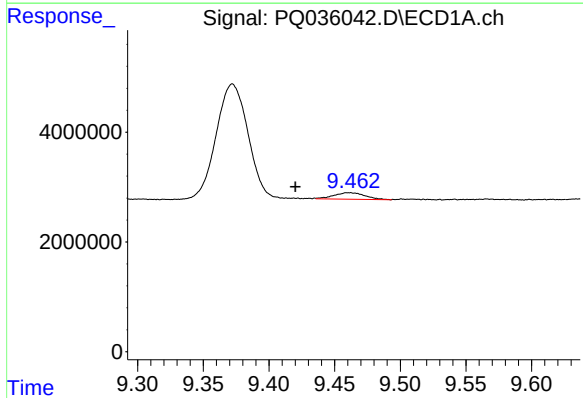
R.T.: 8.709 min  
Delta R.T.: -0.056 min  
Response: 47563774  
Conc: 263.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



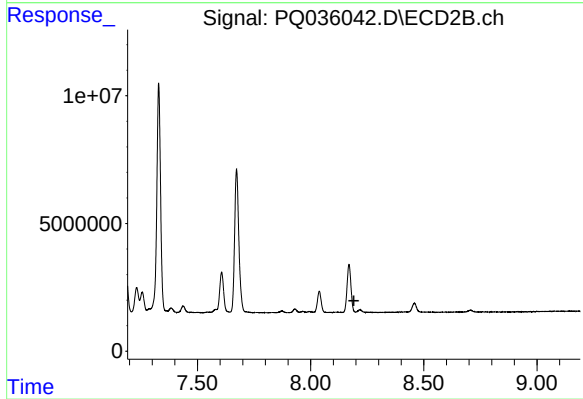
#39 AR-1262-4

R.T.: 7.673 min  
Delta R.T.: -0.020 min  
Response: 73139755  
Conc: 394.83 ng/ml



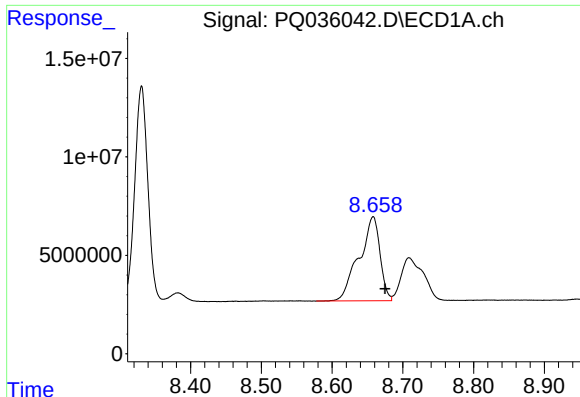
#40 AR-1262-5

R.T.: 9.461 min  
Delta R.T.: 0.041 min  
Response: 1941856  
Conc: 17.05 ng/ml



#40 AR-1262-5

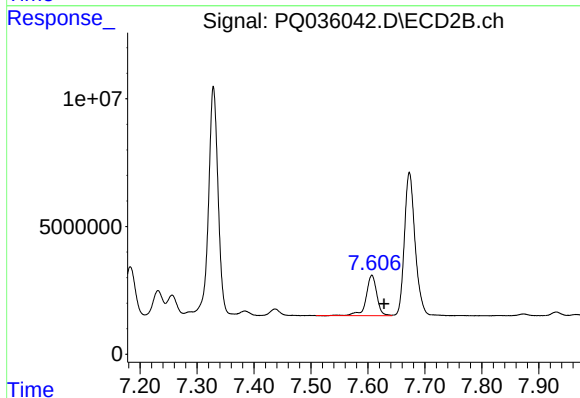
R.T.: 0.000 min  
Exp R.T.: 8.191 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

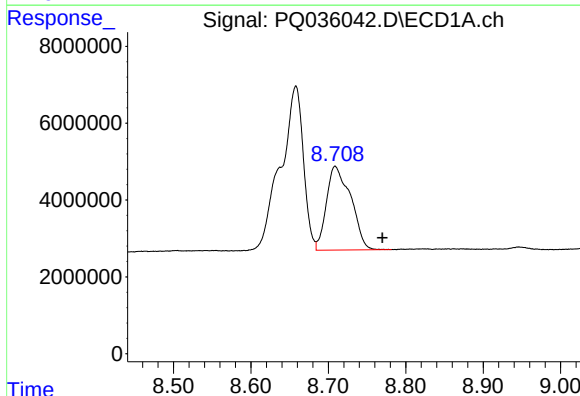
R.T.: 8.658 min  
Delta R.T.: -0.017 min  
Response: 87743235  
Conc: 181.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



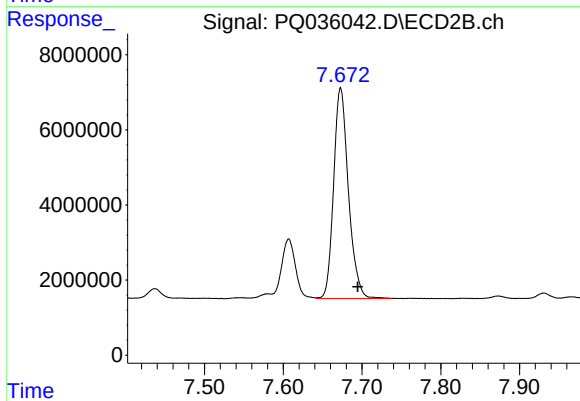
#41 AR-1268-1

R.T.: 7.607 min  
Delta R.T.: -0.021 min  
Response: 20591913  
Conc: 61.75 ng/ml



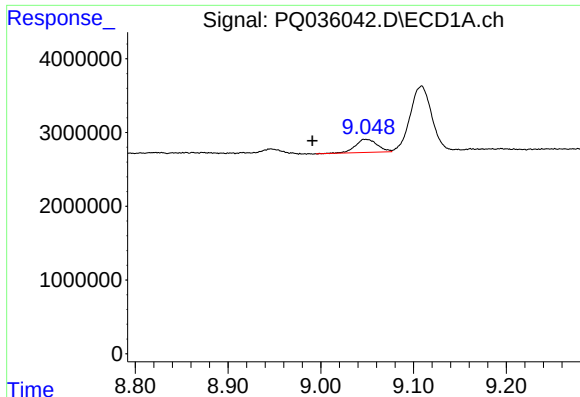
#42 AR-1268-2

R.T.: 8.709 min  
Delta R.T.: -0.061 min  
Response: 47563774  
Conc: 110.24 ng/ml



#42 AR-1268-2

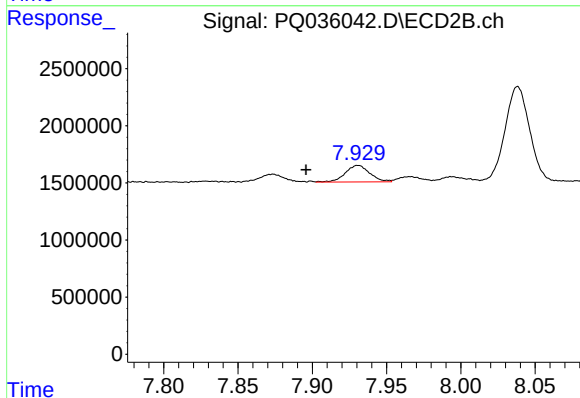
R.T.: 7.673 min  
Delta R.T.: -0.022 min  
Response: 73139755  
Conc: 246.80 ng/ml



#43 AR-1268-3

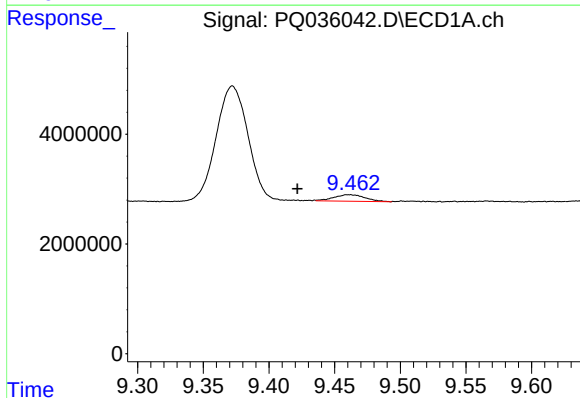
R.T.: 9.048 min  
Delta R.T.: 0.057 min  
Response: 2952051  
Conc: 7.81 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



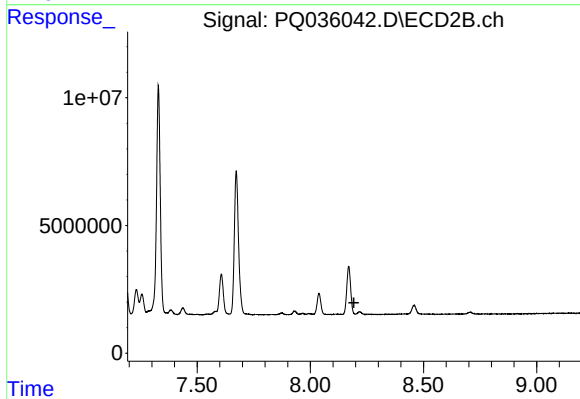
#43 AR-1268-3

R.T.: 7.931 min  
Delta R.T.: 0.035 min  
Response: 1658746  
Conc: 6.79 ng/ml



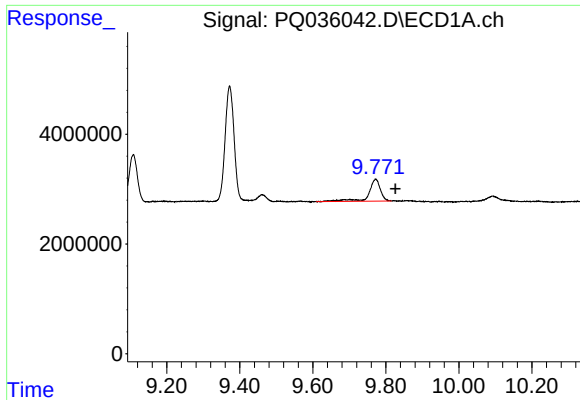
#44 AR-1268-4

R.T.: 9.461 min  
Delta R.T.: 0.039 min  
Response: 1941856  
Conc: 14.16 ng/ml



#44 AR-1268-4

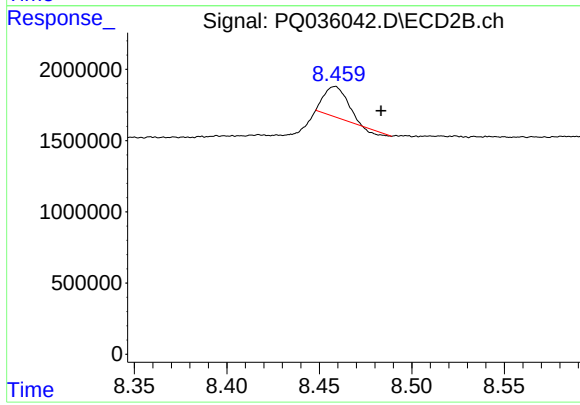
R.T.: 0.000 min  
Exp R.T.: 8.193 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.772 min  
Delta R.T.: -0.054 min  
Response: 8769181  
Conc: 7.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.458 min  
Delta R.T.: -0.025 min  
Response: 1750190  
Conc: 2.40 ng/ml