

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ122118\  
 Data File : PQ035919.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2018 18:08  
 Operator : SM\SJ  
 Sample : J6389-11DL 200X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleID :  
 P001-SS014-1218-01DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 21 23:59:42 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 21 15:11:04 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 |              |       |       |          |          |         |           |
| Target Compounds            |              |       |       |          |          |         |           |
| 5)                          | L1 AR-1016-3 | 0.000 | 5.045 | 0        | 1726801  | N.D.    | 29.569 #  |
| 6)                          | L1 AR-1016-4 | 0.000 | 5.045 | 0        | 1726801  | N.D.    | 36.724 #  |
| 10)                         | L2 AR-1221-3 | 0.000 | 4.172 | 0        | 1255487  | N.D.    | 25.843 #  |
| 11)                         | L3 AR-1232-1 | 0.000 | 4.172 | 0        | 1255487  | N.D.    | 28.513 #  |
| 13)                         | L3 AR-1232-3 | 0.000 | 5.045 | 0        | 1726801  | N.D.    | 67.581 #  |
| 14)                         | L3 AR-1232-4 | 5.851 | 5.045 | 2493893  | 1726801  | 62.281  | 75.683    |
| 15)                         | L3 AR-1232-5 | 5.851 | 0.000 | 2493893  | 0        | 78.750  | N.D. #    |
| 18)                         | L4 AR-1242-3 | 0.000 | 5.045 | 0        | 1726801  | N.D.    | 38.343 #  |
| 19)                         | L4 AR-1242-4 | 5.851 | 5.045 | 2493893  | 1726801  | 36.049  | 38.996    |
| 20)                         | L4 AR-1242-5 | 6.500 | 5.606 | 3025554  | 11468242 | 38.565  | 207.798 # |
| 22)                         | L5 AR-1248-2 | 5.851 | 5.045 | 2493893  | 1726801  | 26.311  | 31.816    |
| 23)                         | L5 AR-1248-3 | 0.000 | 5.045 | 0        | 1726801  | N.D.    | 30.945 #  |
| 24)                         | L5 AR-1248-4 | 6.500 | 0.000 | 3025554  | 0        | 24.568  | N.D. #    |
| 25)                         | L5 AR-1248-5 | 6.500 | 5.647 | 3025554  | 1586373  | 25.861  | 22.507    |
| 26)                         | L6 AR-1254-1 | 6.460 | 5.606 | 2875482  | 11468242 | 18.889  | 85.977 #  |
| 27)                         | L6 AR-1254-2 | 6.699 | 5.752 | 2650890  | 13084094 | 11.204  | 113.234 # |
| 28)                         | L6 AR-1254-3 | 7.019 | 6.165 | 13388353 | 27816274 | 52.144  | 144.082 # |
| 29)                         | L6 AR-1254-4 | 7.304 | 6.408 | 2721462  | 9626533  | 15.010  | 79.992 #  |
| 30)                         | L6 AR-1254-5 | 7.755 | 6.830 | 8213230  | 37006362 | 41.872  | 227.225 # |
| 31)                         | L7 AR-1260-1 | 7.179 | 6.281 | 56651906 | 42169529 | 307.220 | 335.245   |
| 32)                         | L7 AR-1260-2 | 7.435 | 6.469 | 70087164 | 50974418 | 322.560 | 337.550   |
| 33)                         | L7 AR-1260-3 | 7.795 | 6.622 | 45649709 | 44972921 | 340.766 | 321.845   |
| 34)                         | L7 AR-1260-4 | 8.024 | 7.090 | 55981863 | 35683956 | 339.674 | 384.295   |
| 35)                         | L7 AR-1260-5 | 8.342 | 7.333 | 105.5E6  | 83763475 | 353.700 | 373.282   |
| 36)                         | L8 AR-1262-1 | 7.795 | 6.830 | 45649709 | 37006362 | 208.374 | 241.134   |
| 37)                         | L8 AR-1262-2 | 8.342 | 7.333 | 105.5E6  | 83763475 | 279.949 | 313.884   |
| 38)                         | L8 AR-1262-3 | 8.671 | 7.612 | 64575701 | 17050995 | 268.629 | 164.295 # |
| 39)                         | L8 AR-1262-4 | 8.722 | 7.678 | 35109928 | 58516164 | 194.334 | 315.887 # |
| 40)                         | L8 AR-1262-5 | 9.388 | 0.000 | 24848357 | 0        | 218.192 | N.D. #    |
| 41)                         | L9 AR-1268-1 | 8.671 | 7.612 | 64575701 | 17050995 | 133.838 | 51.133 #  |
| 42)                         | L9 AR-1268-2 | 8.722 | 7.678 | 35109928 | 58516164 | 81.375  | 197.452 # |
| 44)                         | L9 AR-1268-4 | 9.388 | 0.000 | 24848357 | 0        | 181.253 | N.D. #    |
| 45)                         | L9 AR-1268-5 | 9.790 | 8.464 | 5309996  | 2749260  | 4.587   | 3.764     |
| -----                       |              |       |       |          |          |         |           |

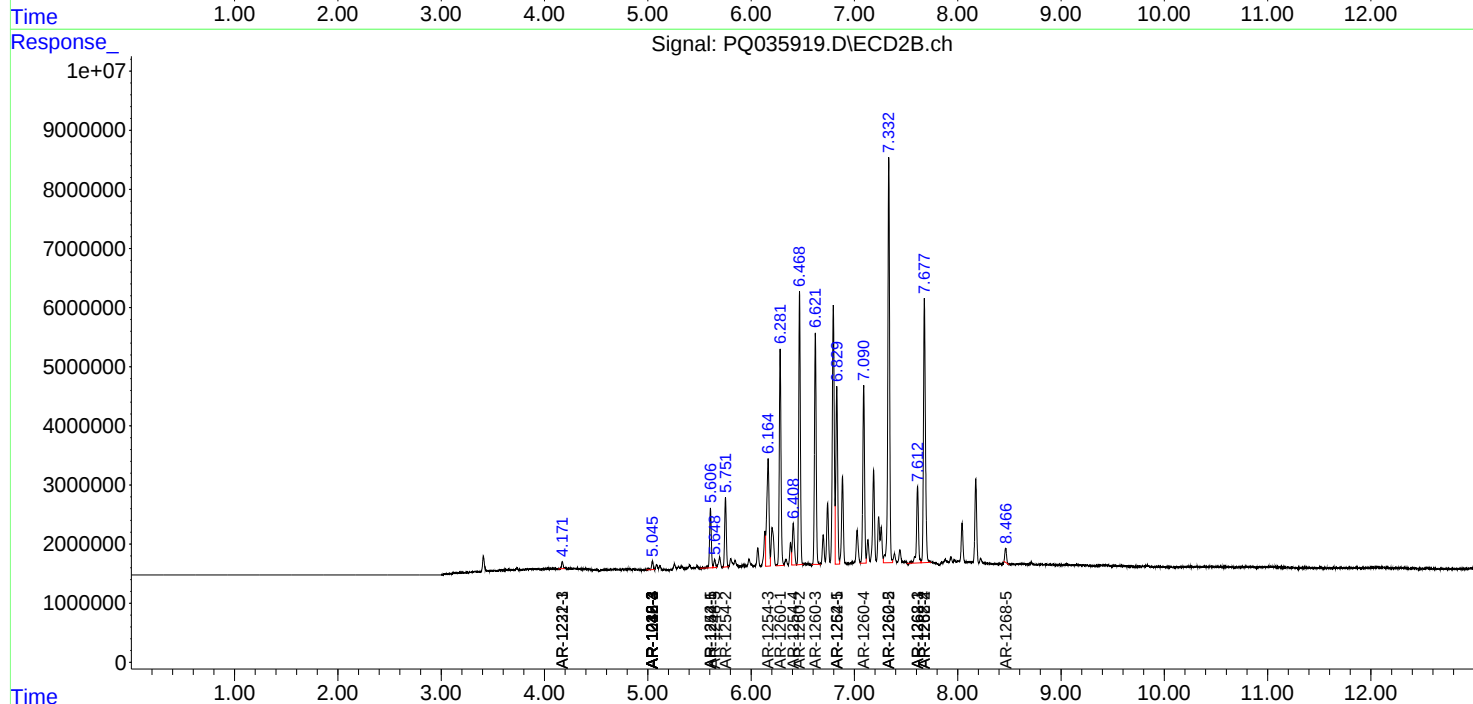
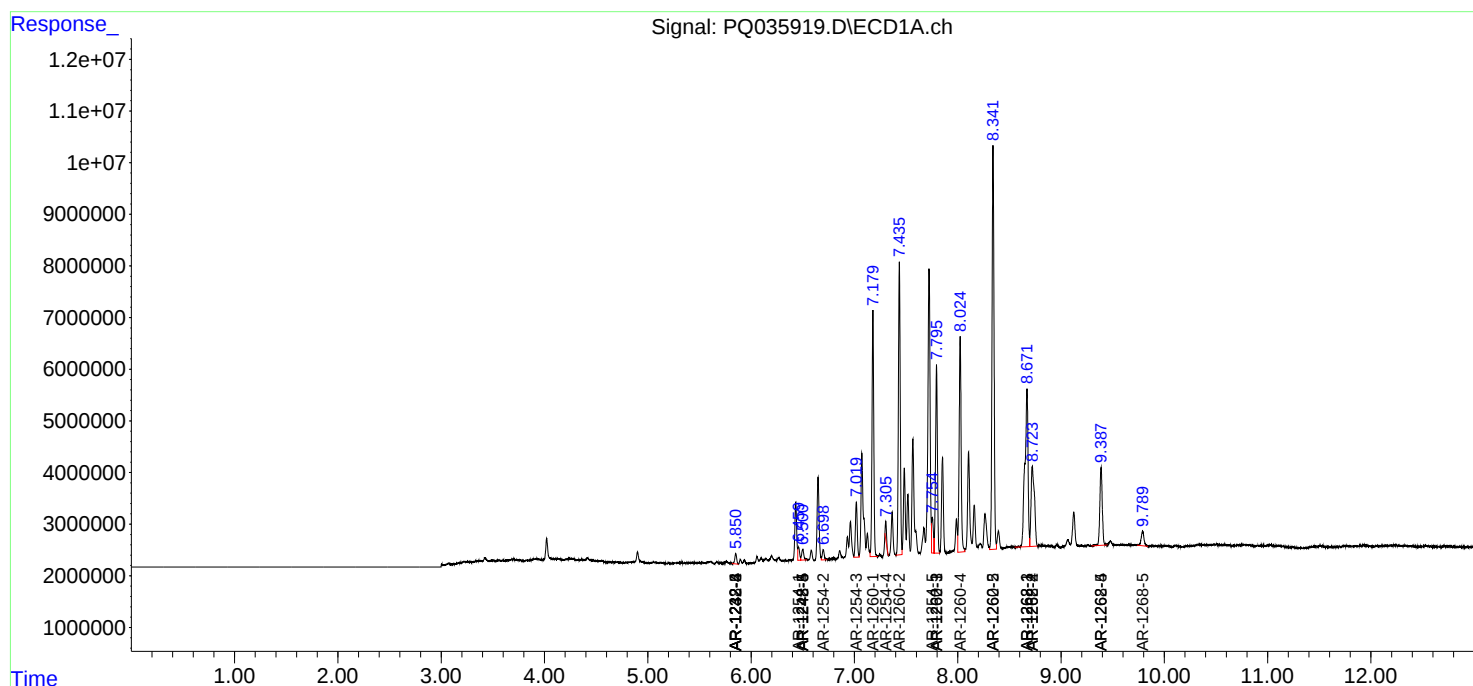
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

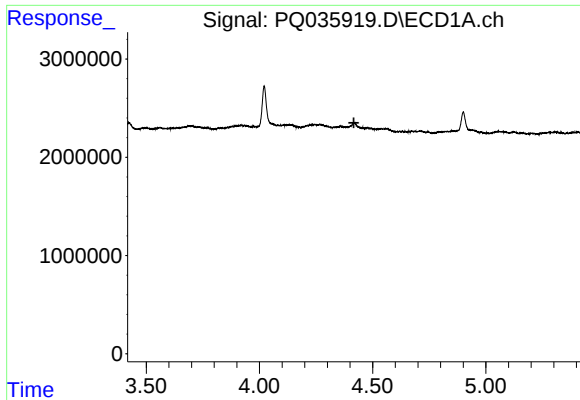
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ122118\  
Data File : PQ035919.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2018 18:08  
Operator : SM\SJ  
Sample : J6389-11DL 200X  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 21 23:59:42 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ121318.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 21 15:11:04 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

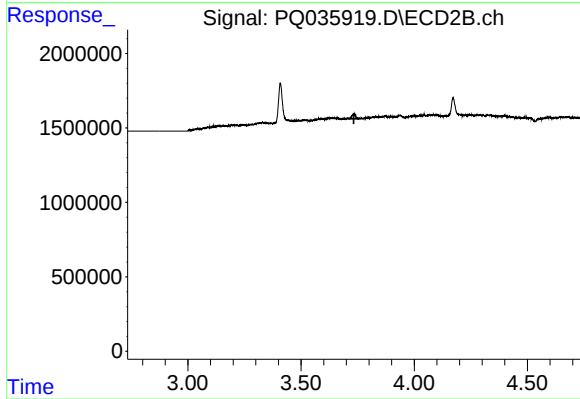




#1 Tetrachloro-m-xylene

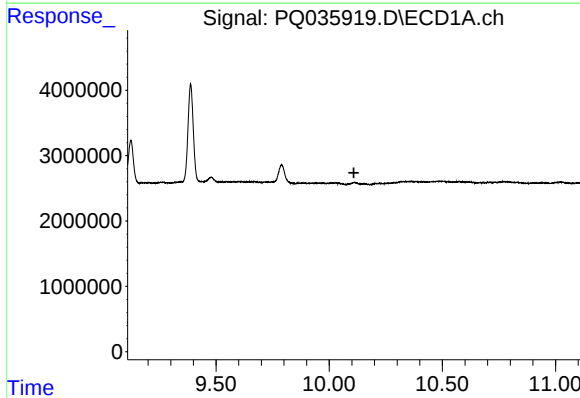
R.T.: 0.000 min  
Exp R.T. : 4.417 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



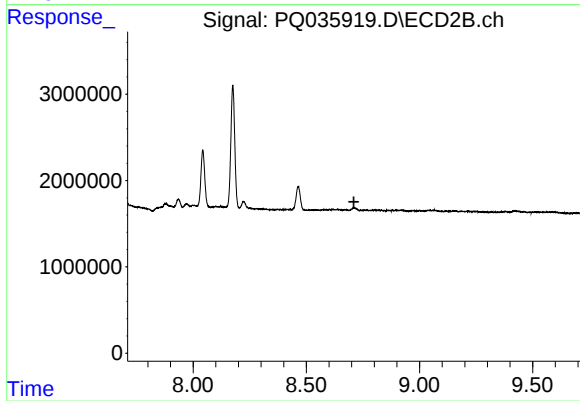
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.733 min  
Response: 0  
Conc: N.D.



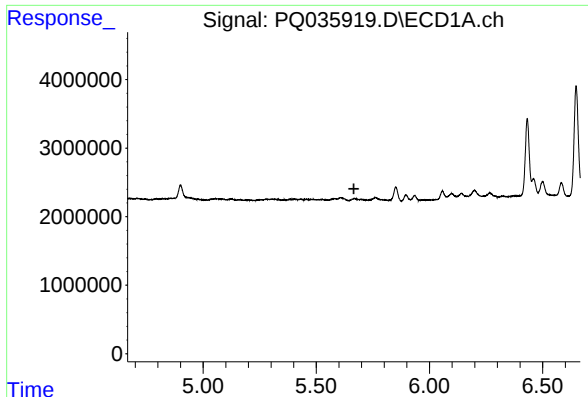
#2 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 10.109 min  
Response: 0  
Conc: N.D.



#2 Decachlorobiphenyl

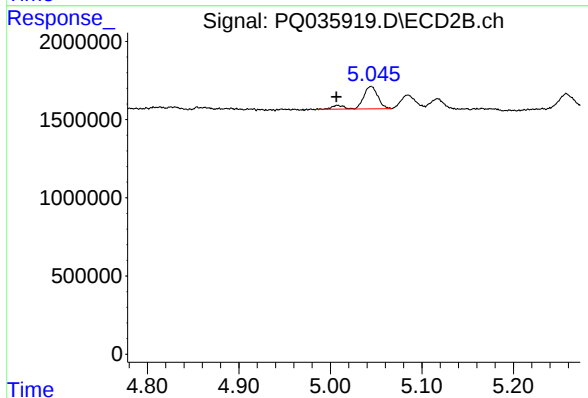
R.T.: 0.000 min  
Exp R.T. : 8.710 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

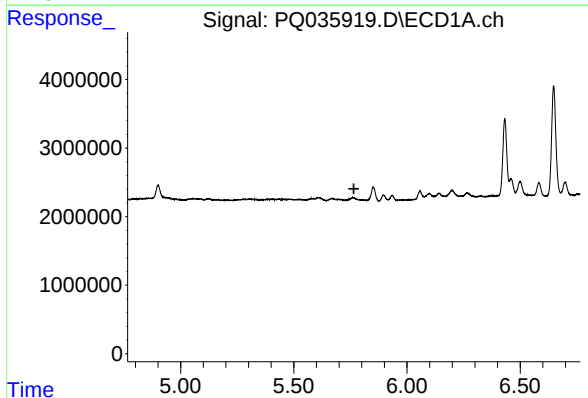
R.T.: 0.000 min  
Exp R.T.: 5.666 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



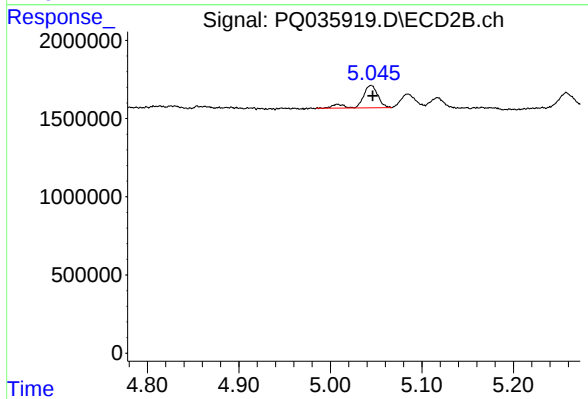
#5 AR-1016-3

R.T.: 5.045 min  
Delta R.T.: 0.038 min  
Response: 1726801  
Conc: 29.57 ng/ml



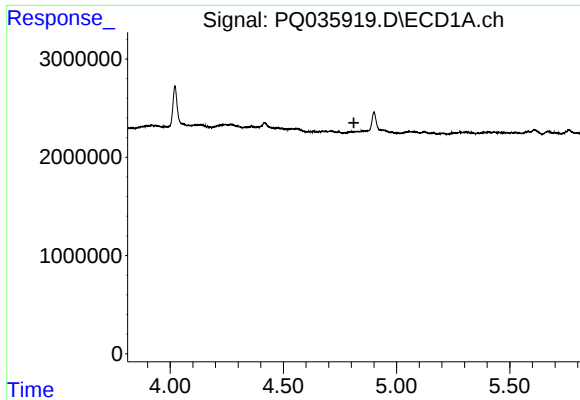
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.765 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

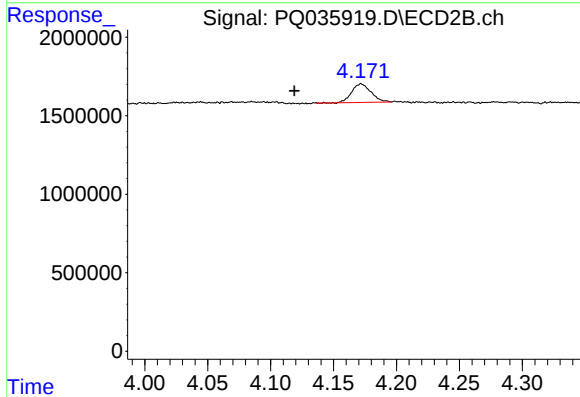
R.T.: 5.045 min  
Delta R.T.: -0.002 min  
Response: 1726801  
Conc: 36.72 ng/ml



#10 AR-1221-3

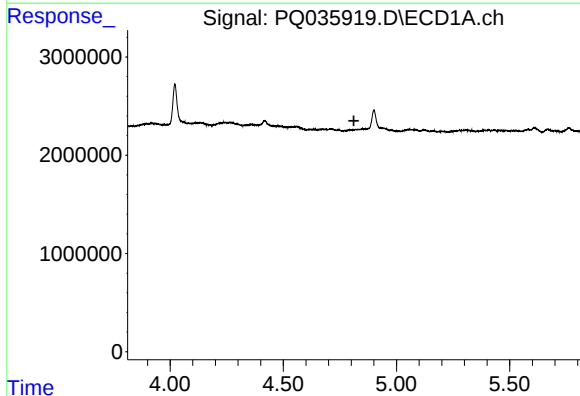
R.T.: 0.000 min  
Exp R.T. : 4.812 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



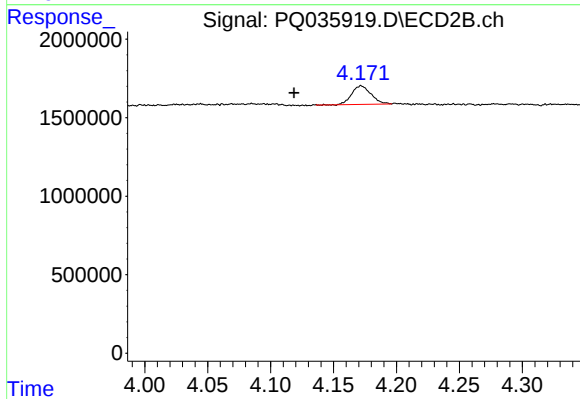
#10 AR-1221-3

R.T.: 4.172 min  
Delta R.T.: 0.053 min  
Response: 1255487  
Conc: 25.84 ng/ml



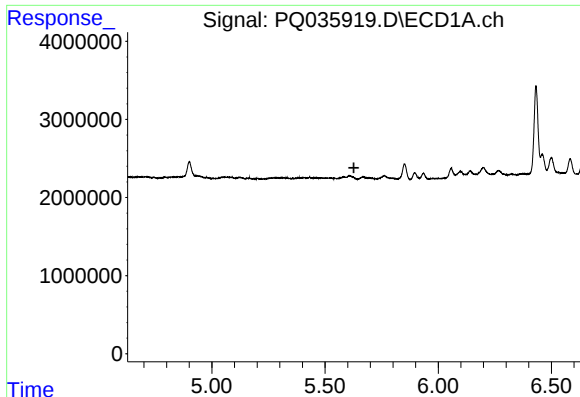
#11 AR-1232-1

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



#11 AR-1232-1

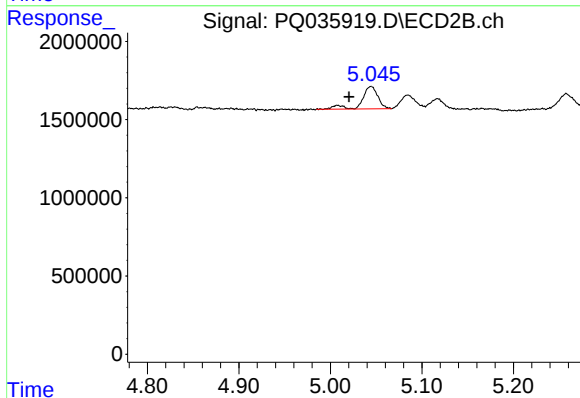
R.T.: 4.172 min  
Delta R.T.: 0.053 min  
Response: 1255487  
Conc: 28.51 ng/ml



#13 AR-1232-3

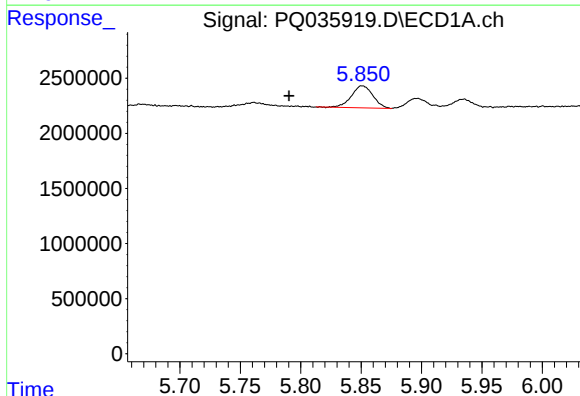
R.T.: 0.000 min  
Exp R.T.: 5.627 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



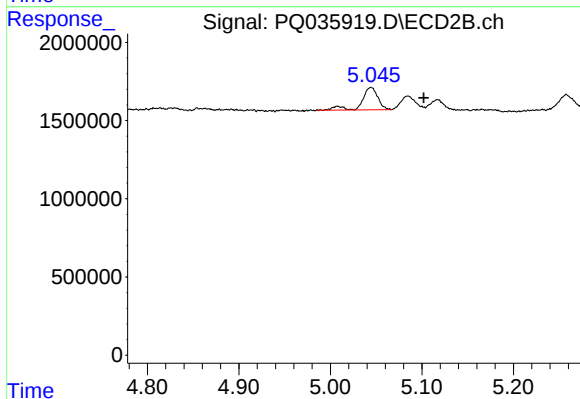
#13 AR-1232-3

R.T.: 5.045 min  
Delta R.T.: 0.024 min  
Response: 1726801  
Conc: 67.58 ng/ml



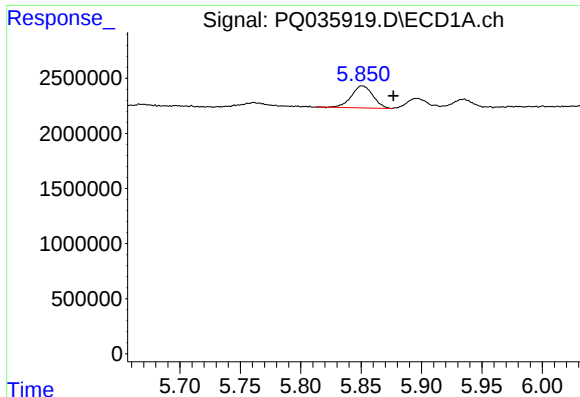
#14 AR-1232-4

R.T.: 5.851 min  
Delta R.T.: 0.061 min  
Response: 2493893  
Conc: 62.28 ng/ml



#14 AR-1232-4

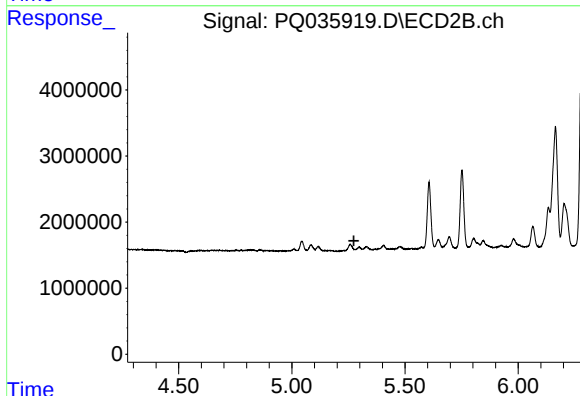
R.T.: 5.045 min  
Delta R.T.: -0.057 min  
Response: 1726801  
Conc: 75.68 ng/ml



#15 AR-1232-5

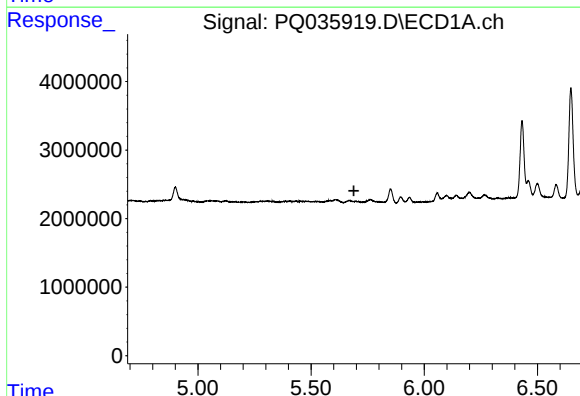
R.T.: 5.851 min  
Delta R.T.: -0.026 min  
Response: 2493893  
Conc: 78.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



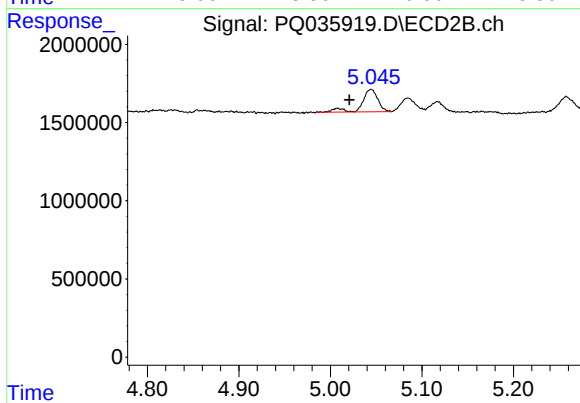
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.274 min  
Response: 0  
Conc: N.D.



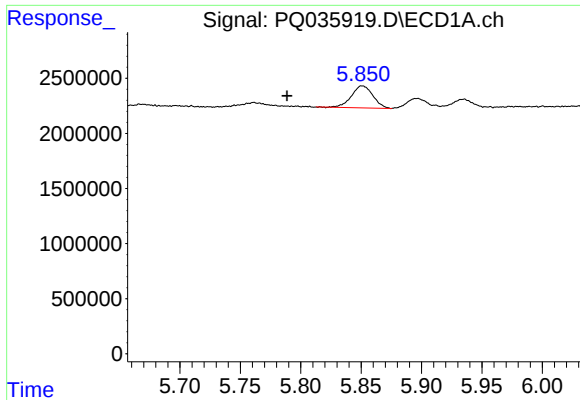
#18 AR-1242-3

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



#18 AR-1242-3

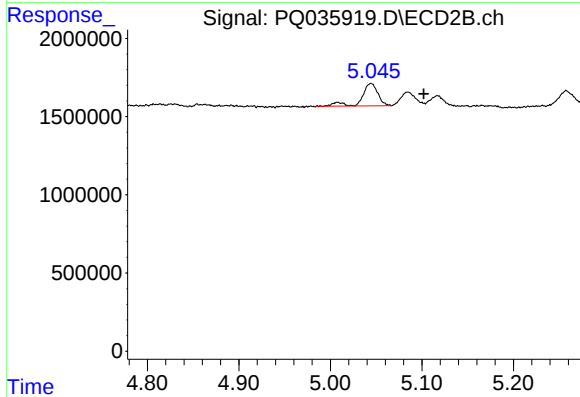
R.T.: 5.045 min  
Delta R.T.: 0.024 min  
Response: 1726801  
Conc: 38.34 ng/ml



#19 AR-1242-4

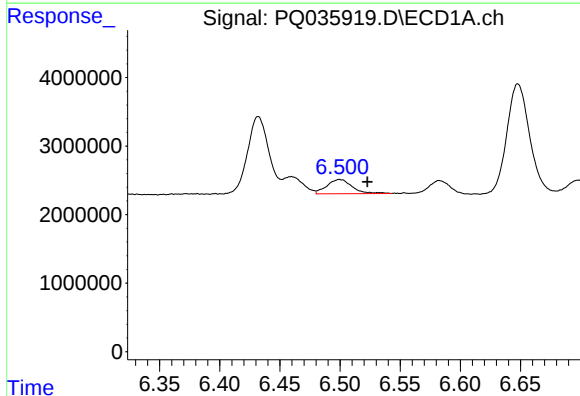
R.T.: 5.851 min  
Delta R.T.: 0.062 min  
Response: 2493893  
Conc: 36.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



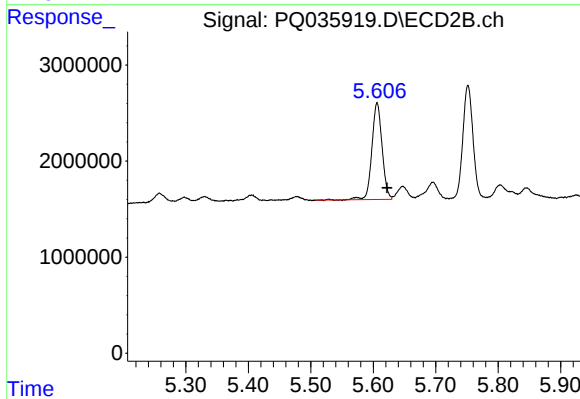
#19 AR-1242-4

R.T.: 5.045 min  
Delta R.T.: -0.057 min  
Response: 1726801  
Conc: 39.00 ng/ml



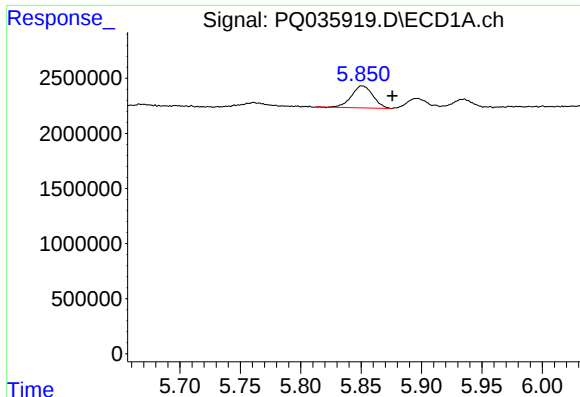
#20 AR-1242-5

R.T.: 6.500 min  
Delta R.T.: -0.023 min  
Response: 3025554  
Conc: 38.57 ng/ml



#20 AR-1242-5

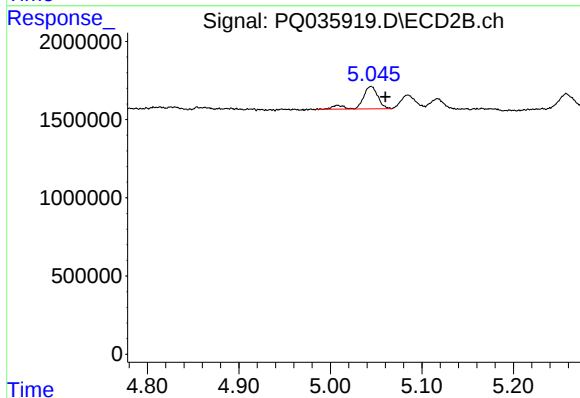
R.T.: 5.606 min  
Delta R.T.: -0.016 min  
Response: 11468242  
Conc: 207.80 ng/ml



#22 AR-1248-2

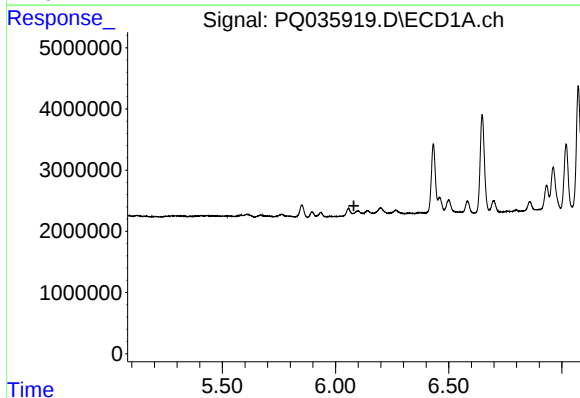
R.T.: 5.851 min  
Delta R.T.: -0.025 min  
Response: 2493893  
Conc: 26.31 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



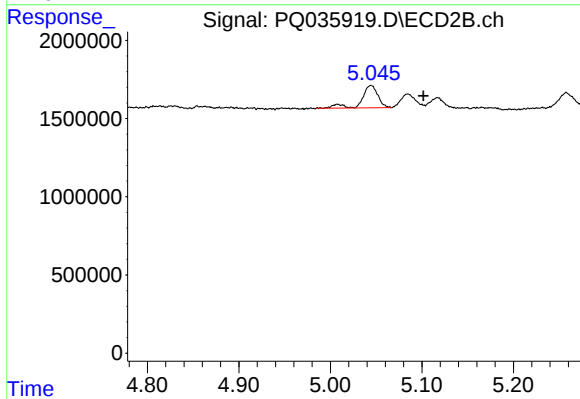
#22 AR-1248-2

R.T.: 5.045 min  
Delta R.T.: -0.016 min  
Response: 1726801  
Conc: 31.82 ng/ml



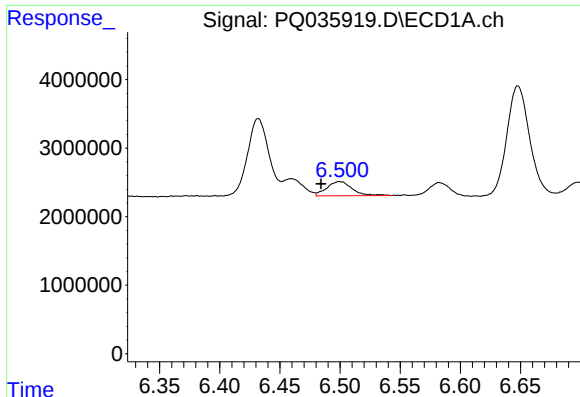
#23 AR-1248-3

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



#23 AR-1248-3

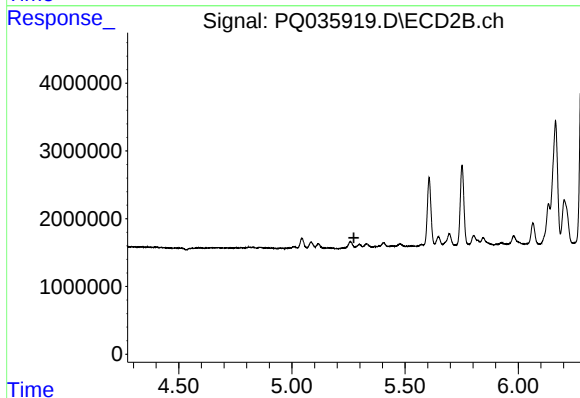
R.T.: 5.045 min  
Delta R.T.: -0.057 min  
Response: 1726801  
Conc: 30.94 ng/ml



#24 AR-1248-4

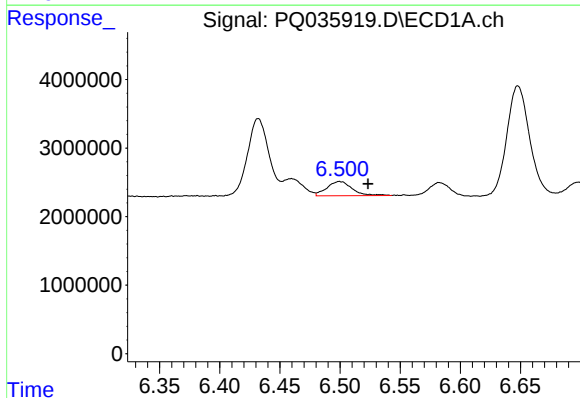
R.T.: 6.500 min  
Delta R.T.: 0.015 min  
Response: 3025554  
Conc: 24.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



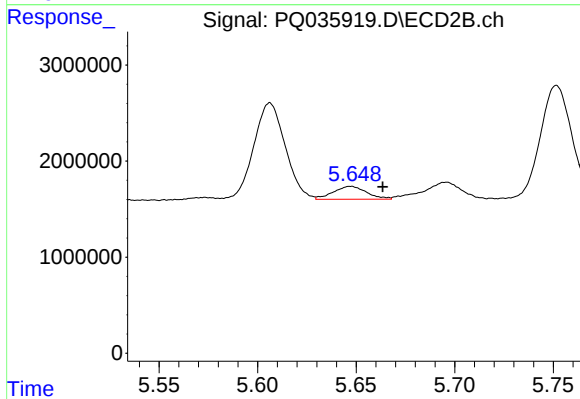
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.274 min  
Response: 0  
Conc: N.D.



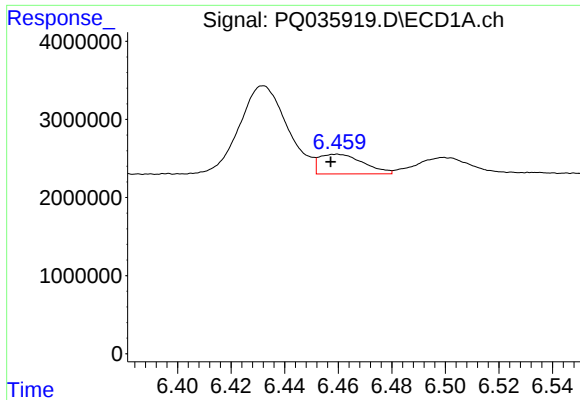
#25 AR-1248-5

R.T.: 6.500 min  
Delta R.T.: -0.023 min  
Response: 3025554  
Conc: 25.86 ng/ml



#25 AR-1248-5

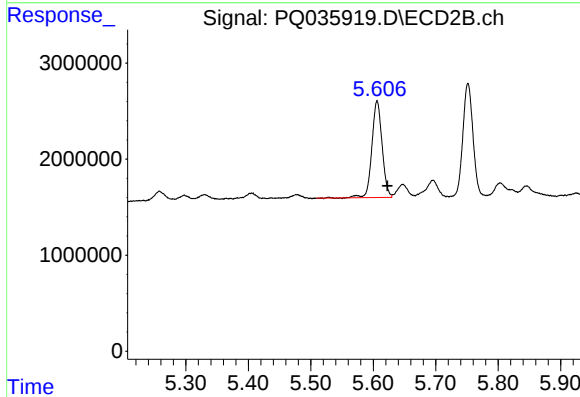
R.T.: 5.647 min  
Delta R.T.: -0.016 min  
Response: 1586373  
Conc: 22.51 ng/ml



#26 AR-1254-1

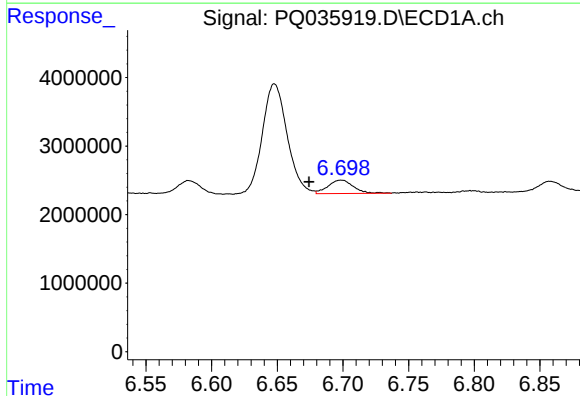
R.T.: 6.460 min  
Delta R.T.: 0.002 min  
Response: 2875482  
Conc: 18.89 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



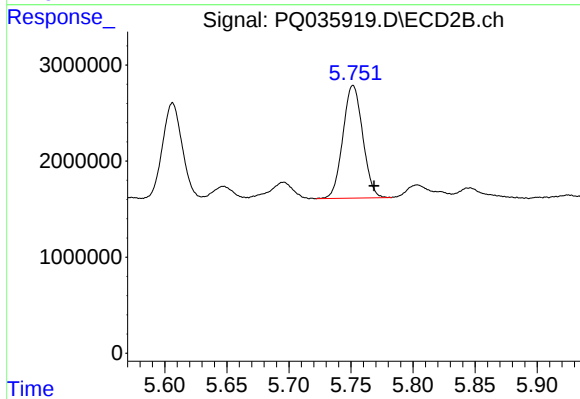
#26 AR-1254-1

R.T.: 5.606 min  
Delta R.T.: -0.016 min  
Response: 11468242  
Conc: 85.98 ng/ml



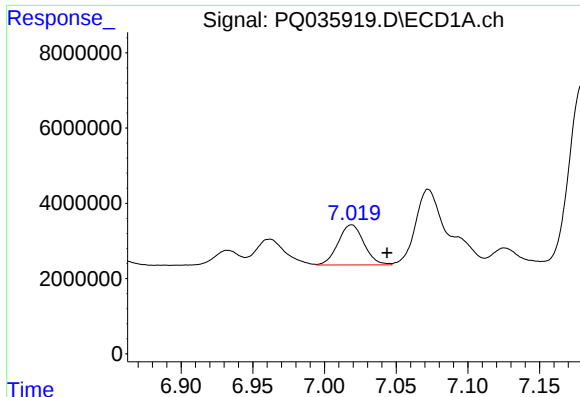
#27 AR-1254-2

R.T.: 6.699 min  
Delta R.T.: 0.024 min  
Response: 2650890  
Conc: 11.20 ng/ml



#27 AR-1254-2

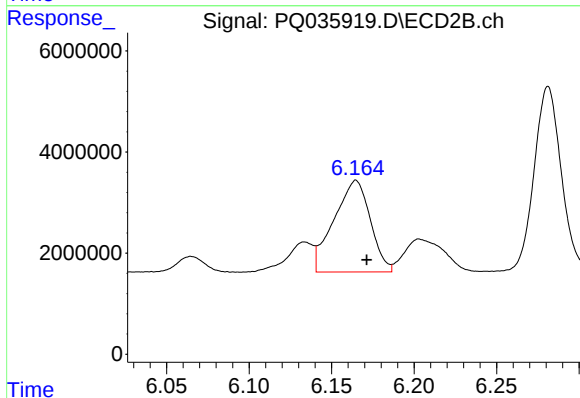
R.T.: 5.752 min  
Delta R.T.: -0.017 min  
Response: 13084094  
Conc: 113.23 ng/ml



#28 AR-1254-3

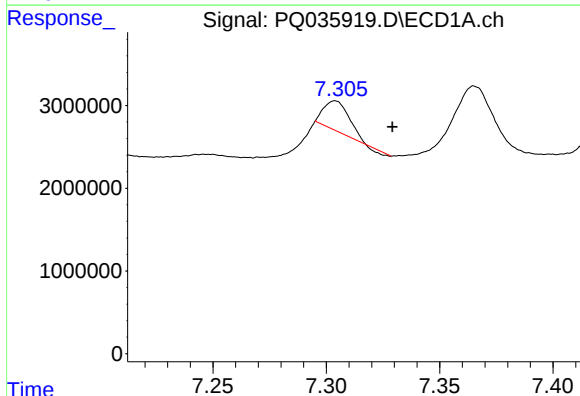
R.T.: 7.019 min  
Delta R.T.: -0.025 min  
Response: 13388353  
Conc: 52.14 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



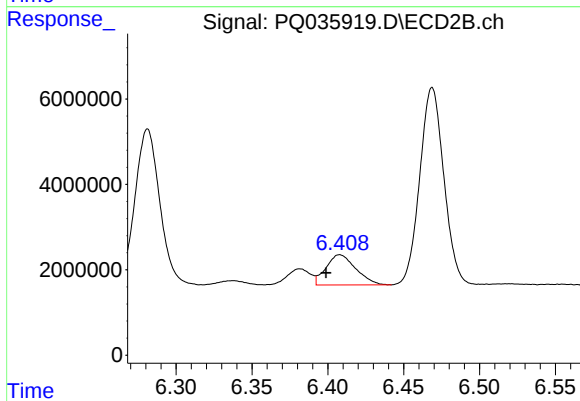
#28 AR-1254-3

R.T.: 6.165 min  
Delta R.T.: -0.006 min  
Response: 27816274  
Conc: 144.08 ng/ml



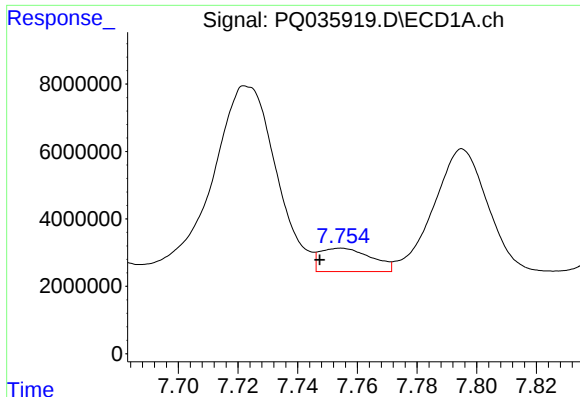
#29 AR-1254-4

R.T.: 7.304 min  
Delta R.T.: -0.025 min  
Response: 2721462  
Conc: 15.01 ng/ml



#29 AR-1254-4

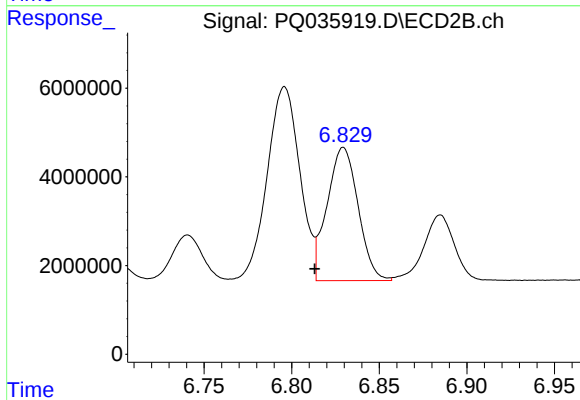
R.T.: 6.408 min  
Delta R.T.: 0.009 min  
Response: 9626533  
Conc: 79.99 ng/ml



#30 AR-1254-5

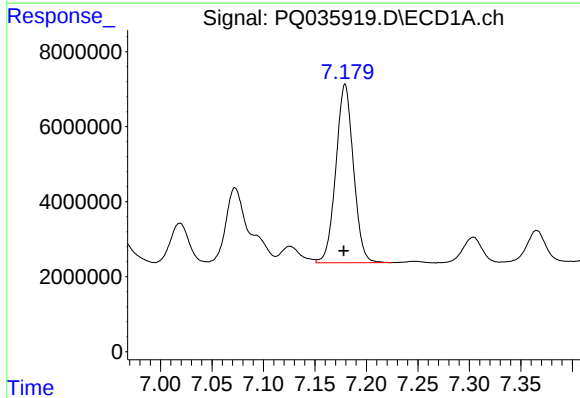
R.T.: 7.755 min  
Delta R.T.: 0.007 min  
Response: 8213230  
Conc: 41.87 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



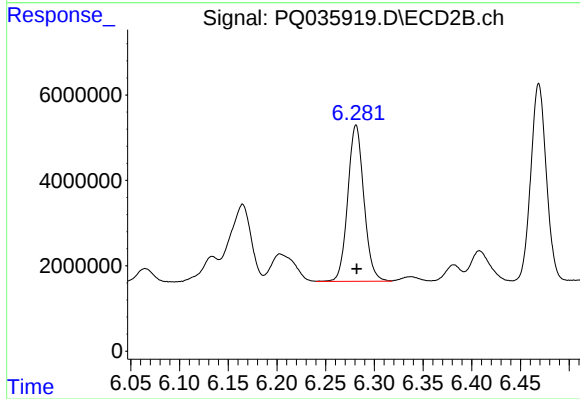
#30 AR-1254-5

R.T.: 6.830 min  
Delta R.T.: 0.016 min  
Response: 37006362  
Conc: 227.22 ng/ml



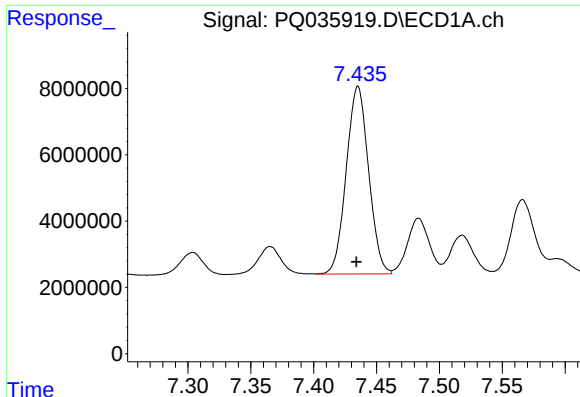
#31 AR-1260-1

R.T.: 7.179 min  
Delta R.T.: 0.001 min  
Response: 56651906  
Conc: 307.22 ng/ml



#31 AR-1260-1

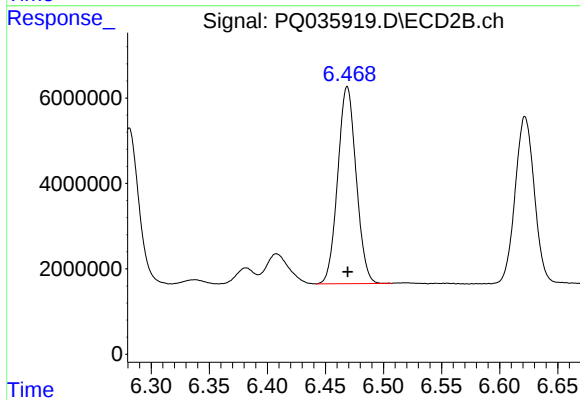
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 42169529  
Conc: 335.24 ng/ml



#32 AR-1260-2

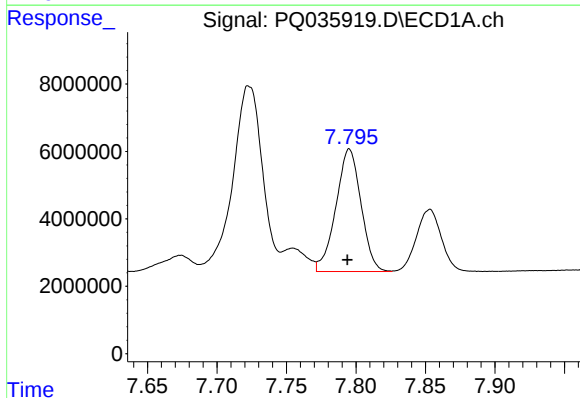
R.T.: 7.435 min  
Delta R.T.: 0.001 min  
Response: 70087164  
Conc: 322.56 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



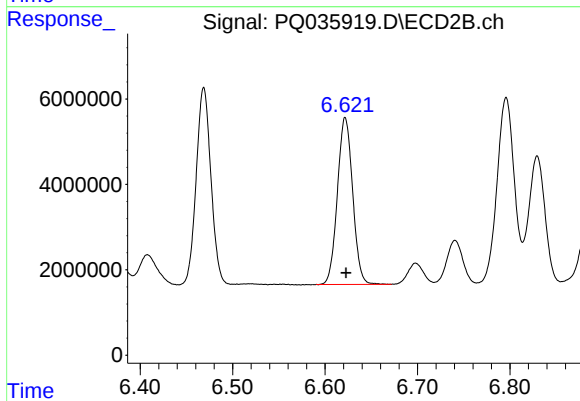
#32 AR-1260-2

R.T.: 6.469 min  
Delta R.T.: 0.000 min  
Response: 50974418  
Conc: 337.55 ng/ml



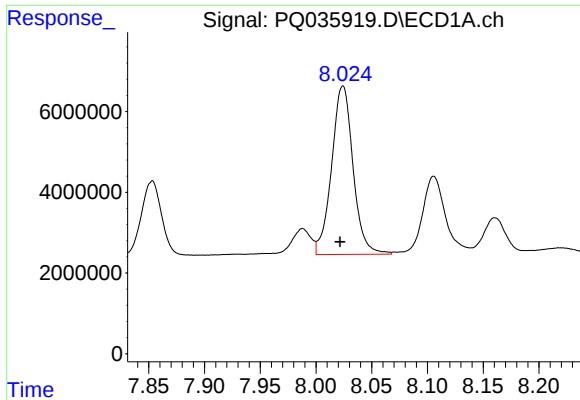
#33 AR-1260-3

R.T.: 7.795 min  
Delta R.T.: 0.001 min  
Response: 45649709  
Conc: 340.77 ng/ml



#33 AR-1260-3

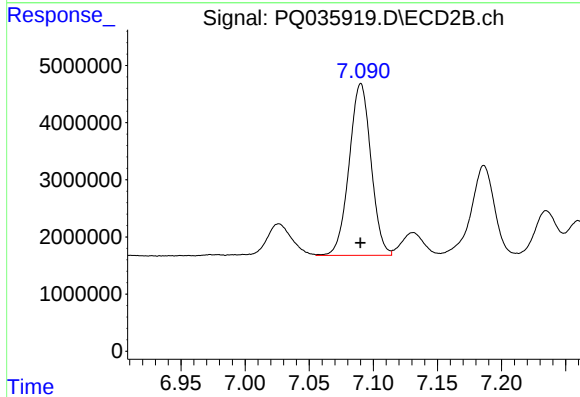
R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 44972921  
Conc: 321.85 ng/ml



#34 AR-1260-4

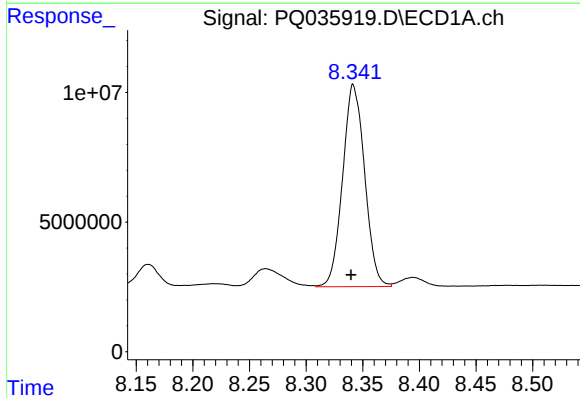
R.T.: 8.024 min  
Delta R.T.: 0.003 min  
Response: 55981863  
Conc: 339.67 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



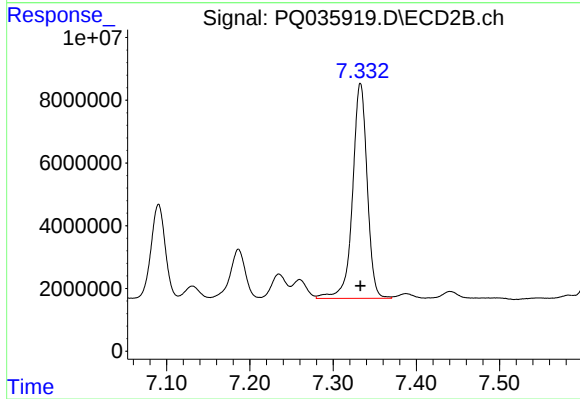
#34 AR-1260-4

R.T.: 7.090 min  
Delta R.T.: 0.000 min  
Response: 35683956  
Conc: 384.29 ng/ml



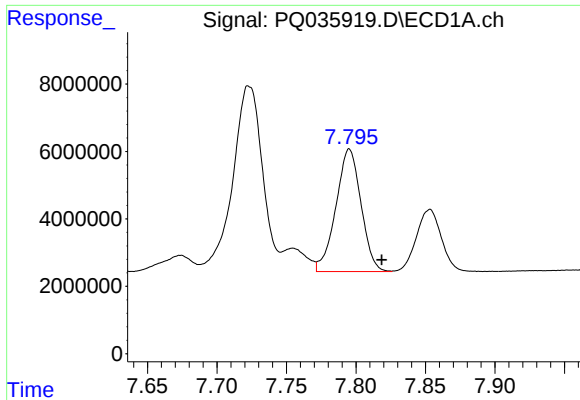
#35 AR-1260-5

R.T.: 8.342 min  
Delta R.T.: 0.002 min  
Response: 105461756  
Conc: 353.70 ng/ml



#35 AR-1260-5

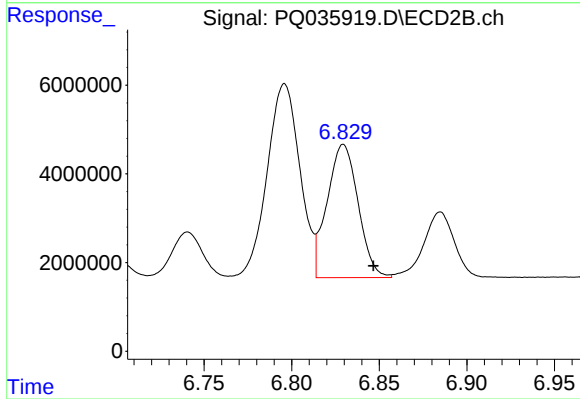
R.T.: 7.333 min  
Delta R.T.: 0.000 min  
Response: 83763475  
Conc: 373.28 ng/ml



#36 AR-1262-1

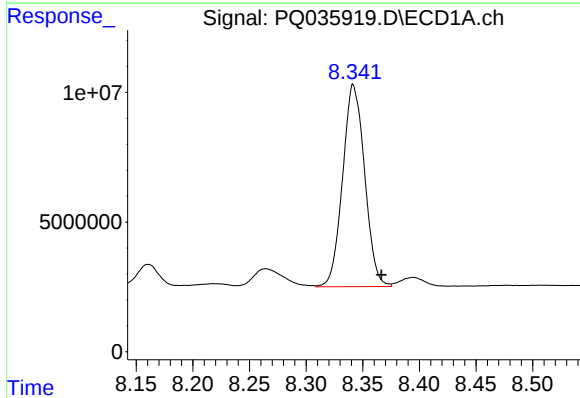
R.T.: 7.795 min  
Delta R.T.: -0.023 min  
Response: 45649709  
Conc: 208.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



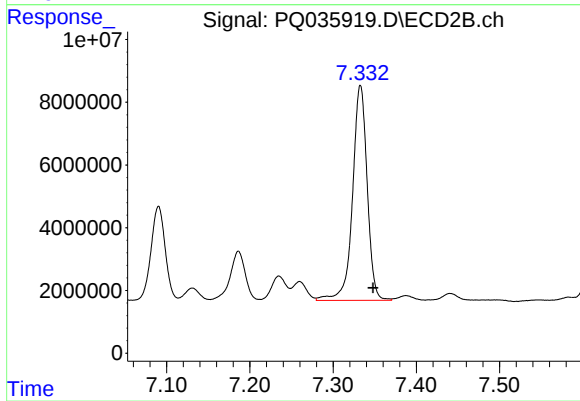
#36 AR-1262-1

R.T.: 6.830 min  
Delta R.T.: -0.017 min  
Response: 37006362  
Conc: 241.13 ng/ml



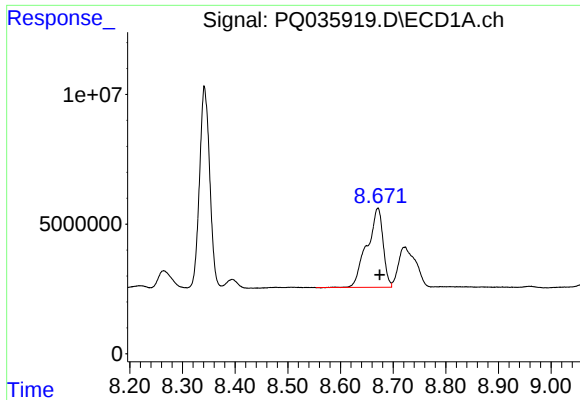
#37 AR-1262-2

R.T.: 8.342 min  
Delta R.T.: -0.025 min  
Response: 105461756  
Conc: 279.95 ng/ml



#37 AR-1262-2

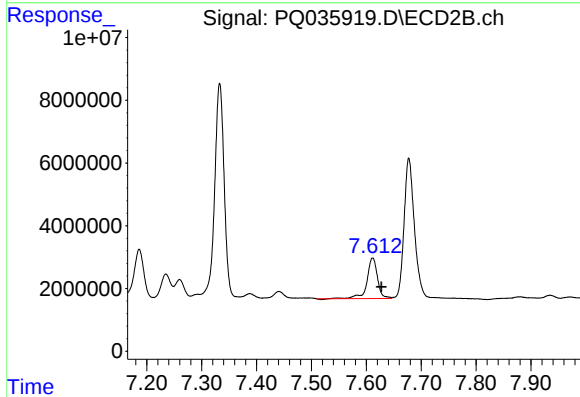
R.T.: 7.333 min  
Delta R.T.: -0.015 min  
Response: 83763475  
Conc: 313.88 ng/ml



#38 AR-1262-3

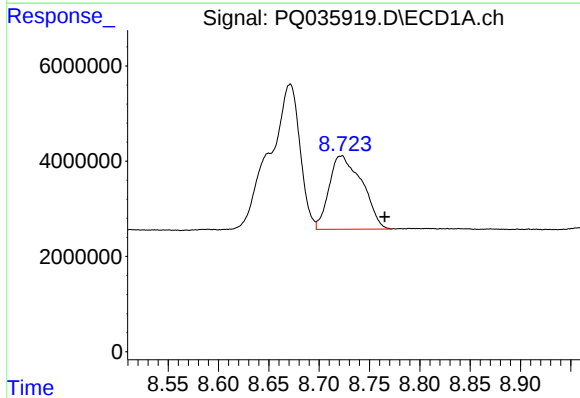
R.T.: 8.671 min  
Delta R.T.: -0.004 min  
Response: 64575701  
Conc: 268.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



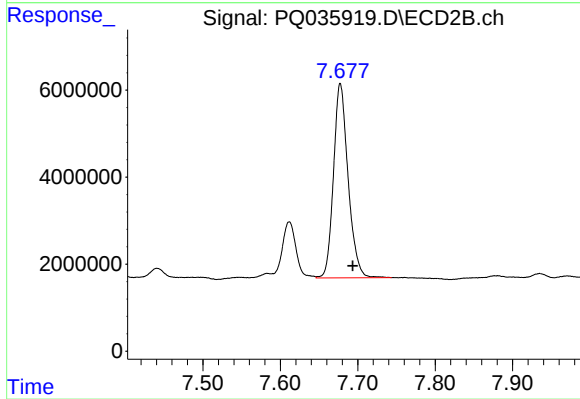
#38 AR-1262-3

R.T.: 7.612 min  
Delta R.T.: -0.016 min  
Response: 17050995  
Conc: 164.30 ng/ml



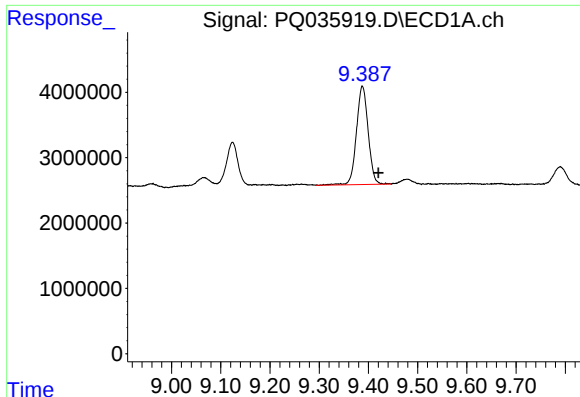
#39 AR-1262-4

R.T.: 8.722 min  
Delta R.T.: -0.043 min  
Response: 35109928  
Conc: 194.33 ng/ml



#39 AR-1262-4

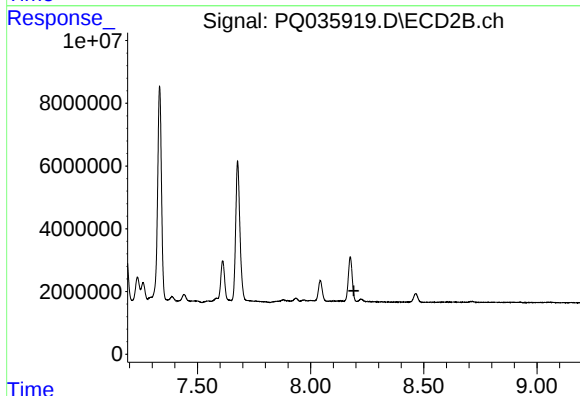
R.T.: 7.678 min  
Delta R.T.: -0.016 min  
Response: 58516164  
Conc: 315.89 ng/ml



#40 AR-1262-5

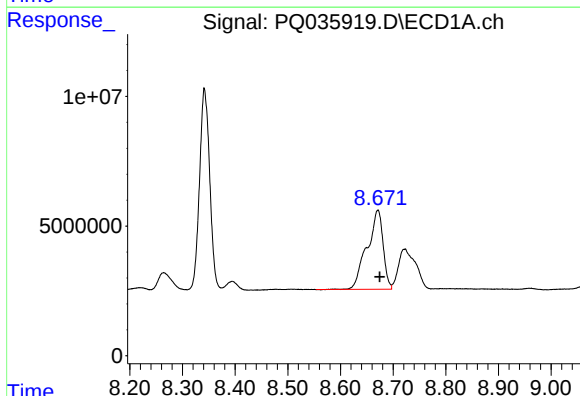
R.T.: 9.388 min  
Delta R.T.: -0.032 min  
Response: 24848357  
Conc: 218.19 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



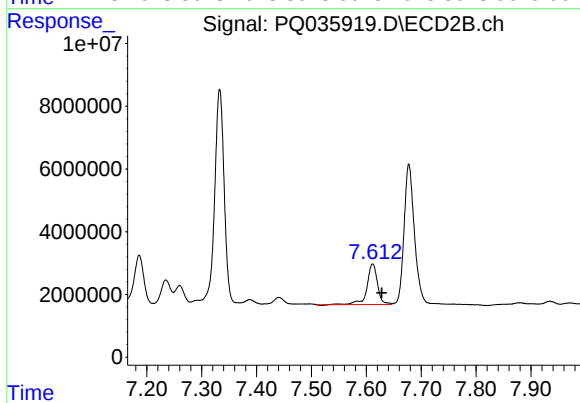
#40 AR-1262-5

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



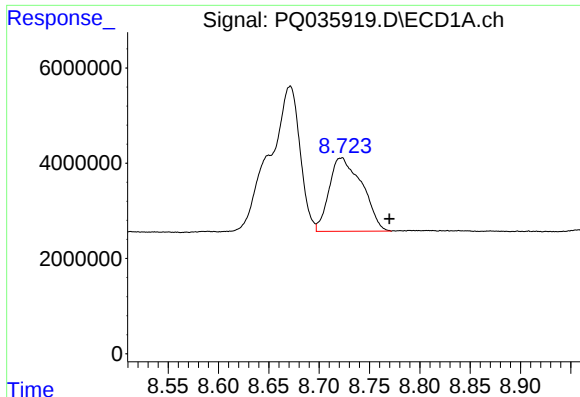
#41 AR-1268-1

R.T.: 8.671 min  
Delta R.T.: -0.004 min  
Response: 64575701  
Conc: 133.84 ng/ml



#41 AR-1268-1

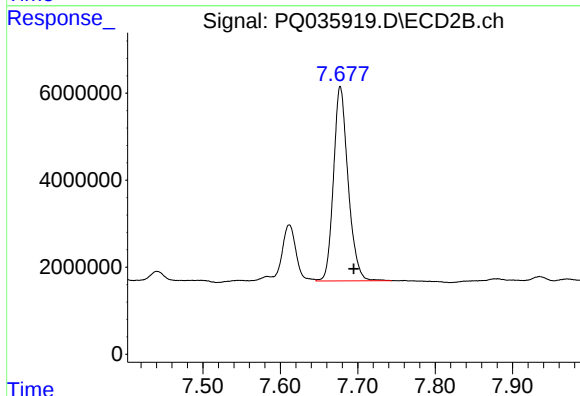
R.T.: 7.612 min  
Delta R.T.: -0.017 min  
Response: 17050995  
Conc: 51.13 ng/ml



#42 AR-1268-2

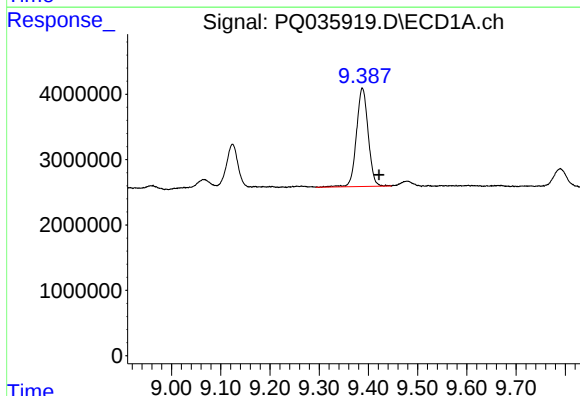
R.T.: 8.722 min  
Delta R.T.: -0.048 min  
Response: 35109928  
Conc: 81.37 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



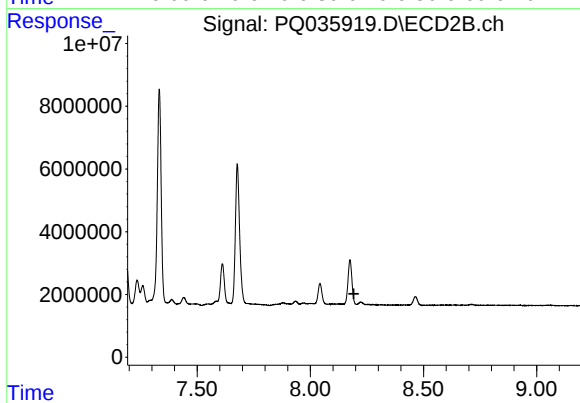
#42 AR-1268-2

R.T.: 7.678 min  
Delta R.T.: -0.017 min  
Response: 58516164  
Conc: 197.45 ng/ml



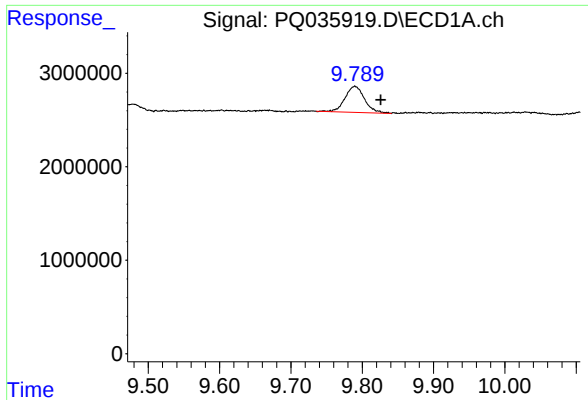
#44 AR-1268-4

R.T.: 9.388 min  
Delta R.T.: -0.034 min  
Response: 24848357  
Conc: 181.25 ng/ml



#44 AR-1268-4

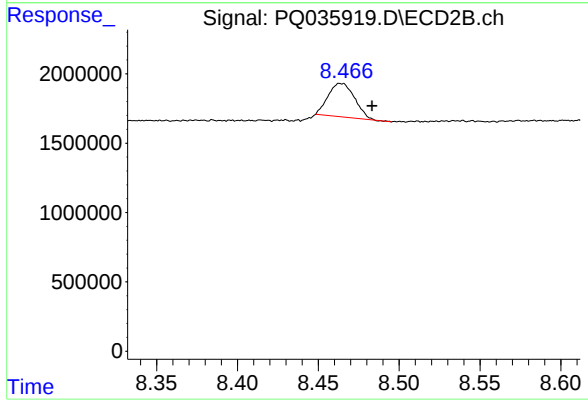
R.T.: 0.000 min  
Exp R.T.: 8.193 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.790 min  
Delta R.T.: -0.036 min  
Response: 5309996  
Conc: 4.59 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
P001-SS014-1218-01DL



#45 AR-1268-5

R.T.: 8.464 min  
Delta R.T.: -0.019 min  
Response: 2749260  
Conc: 3.76 ng/ml