

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ022520\  
 Data File : PQ046579.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Feb 2020 21:19  
 Operator : AJ\MA  
 Sample : L1671-02  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 FIELD-BLANK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 26 01:30:00 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ022120.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Feb 21 13:47:31 2020  
 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... | 5.185  | 4.336 | 376.2E6  | 175.1E6  | 24.758  | 23.023    |
| 2)                          | SA Decachlor... | 11.312 | 9.750 | 131.7E6  | 109.7E6  | 16.184  | 15.838    |
|                             |                 |        |       |          |          |         |           |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 6.479  | 5.598 | 11397883 | 7366074  | 20.745  | 26.961 #  |
| 4)                          | L1 AR-1016-2    | 6.566  | 5.655 | 183.8E6  | 84338215 | 228.233 | 219.144   |
| 5)                          | L1 AR-1016-3    | 6.566  | 5.830 | 183.8E6  | 9446859  | 383.600 | 50.961 #  |
| 6)                          | L1 AR-1016-4    | 6.751  | 5.899 | 14086866 | 30183657 | 35.459  | 200.596 # |
| 7)                          | L1 AR-1016-5    | 7.025  | 6.126 | 25444526 | 20216634 | 67.833  | 98.711 #  |
| 9)                          | L2 AR-1221-2    | 5.538  | 4.699 | 7408133  | 9474193  | 68.014  | 188.886 # |
| 10)                         | L2 AR-1221-3    | 5.627  | 4.767 | 22559971 | 18653118 | 67.365  | 112.717 # |
| 11)                         | L3 AR-1232-1    | 5.627  | 4.767 | 22559971 | 18653118 | 83.537  | 140.462 # |
| 12)                         | L3 AR-1232-2    | 6.205  | 5.655 | 4292150  | 84338215 | 31.355  | 624.458 # |
| 13)                         | L3 AR-1232-3    | 6.566  | 5.830 | 183.8E6  | 9446859  | 630.718 | 147.753 # |
| 14)                         | L3 AR-1232-4    | 6.751  | 5.951 | 14086866 | 4174152  | 98.990  | 69.051 #  |
| 15)                         | L3 AR-1232-5    | 6.751  | 6.126 | 14086866 | 20216634 | 133.897 | 300.628 # |
| 16)                         | L4 AR-1242-1    | 6.479  | 5.598 | 11397883 | 7366074  | 31.596  | 41.327 #  |
| 17)                         | L4 AR-1242-2    | 6.566  | 5.655 | 183.8E6  | 84338215 | 341.122 | 333.043   |
| 18)                         | L4 AR-1242-3    | 6.566  | 5.830 | 183.8E6  | 9446859  | 576.654 | 75.574 #  |
| 19)                         | L4 AR-1242-4    | 6.751  | 5.951 | 14086866 | 4174152  | 53.296  | 32.998 #  |
| 20)                         | L4 AR-1242-5    | 7.429  | 0.000 | 16043025 | 0        | 55.918  | N.D. #    |
| 21)                         | L5 AR-1248-1    | 6.479  | 5.598 | 11397883 | 7366074  | 40.606  | 54.606 #  |
| 22)                         | L5 AR-1248-2    | 6.751  | 5.899 | 14086866 | 30183657 | 37.633  | 174.675 # |
| 23)                         | L5 AR-1248-3    | 7.025  | 5.951 | 25444526 | 4174152  | 61.617  | 22.927 #  |
| 24)                         | L5 AR-1248-4    | 7.429  | 6.126 | 16043025 | 20216634 | 33.675  | 91.530 #  |
| 25)                         | L5 AR-1248-5    | 7.429  | 0.000 | 16043025 | 0        | 34.833  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 7.429  | 0.000 | 16043025 | 0        | 34.279  | N.D. #    |
| 27)                         | L6 AR-1254-2    | 7.584  | 6.723 | 12493635 | 4854786  | 17.565  | 15.878    |
| 28)                         | L6 AR-1254-3    | 0.000  | 7.115 | 0        | 5524958  | N.D.    | 10.778 #  |
| 29)                         | L6 AR-1254-4    | 8.335  | 0.000 | 3403042  | 0        | 6.411   | N.D. #    |
| 31)                         | L7 AR-1260-1    | 0.000  | 7.232 | 0        | 3873565  | N.D.    | 10.166 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.577 | 0        | 6999455  | N.D.    | 21.056 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.577 | 0        | 6999455  | N.D.    | 6.634 #   |
| -----                       |                 |        |       |          |          |         |           |

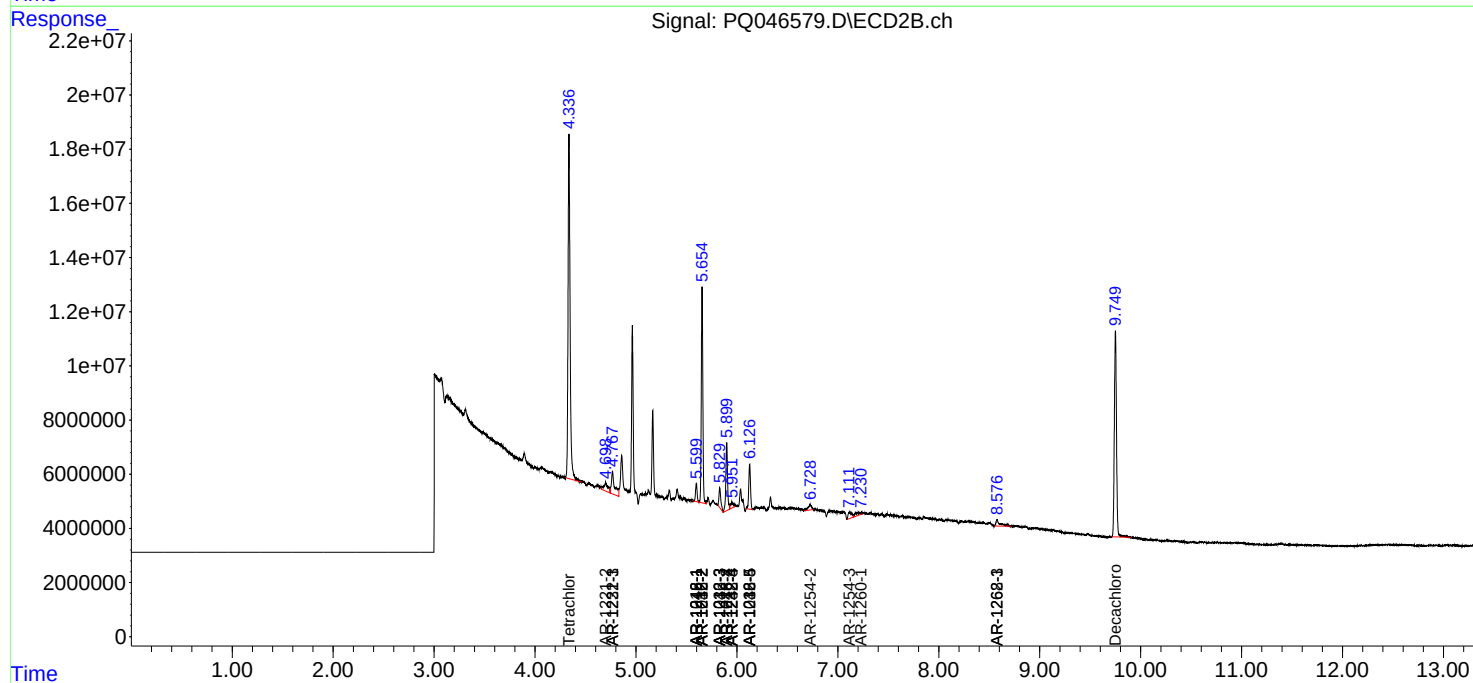
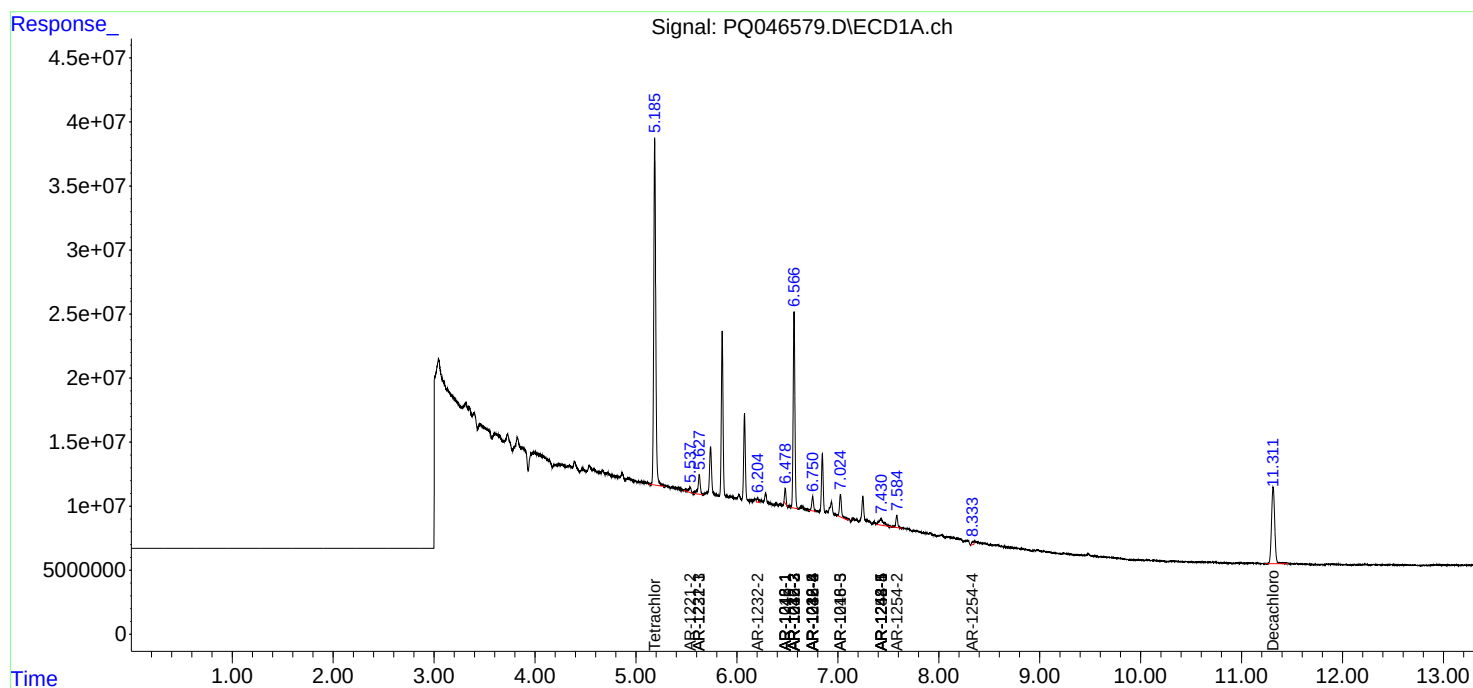
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

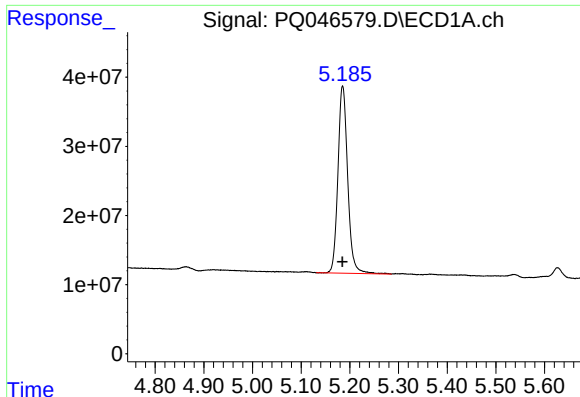
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ022520\  
Data File : PQ046579.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Feb 2020 21:19  
Operator : AJ\MA  
Sample : L1671-02  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampled :  
FIELD-BLANK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 26 01:30:00 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ022120.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Feb 21 13:47:31 2020  
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

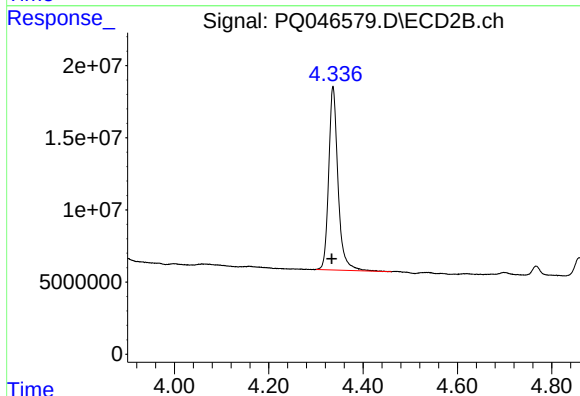




#1 Tetrachloro-m-xylene

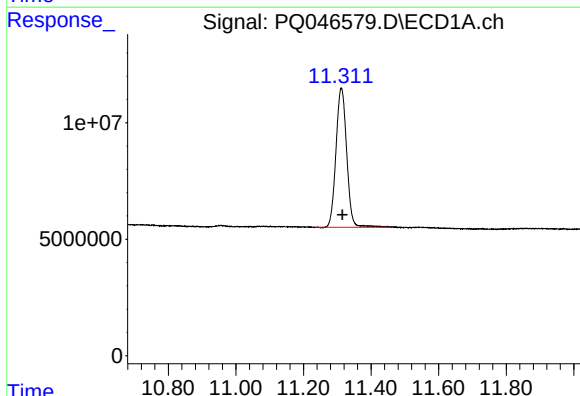
R.T.: 5.185 min  
Delta R.T.: 0.000 min  
Response: 376182274  
Conc: 24.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



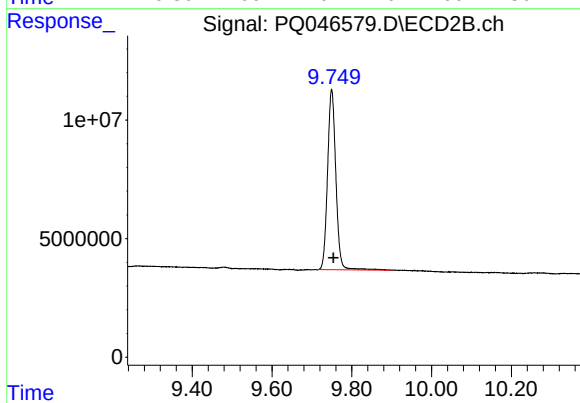
#1 Tetrachloro-m-xylene

R.T.: 4.336 min  
Delta R.T.: 0.003 min  
Response: 175055350  
Conc: 23.02 ng/ml



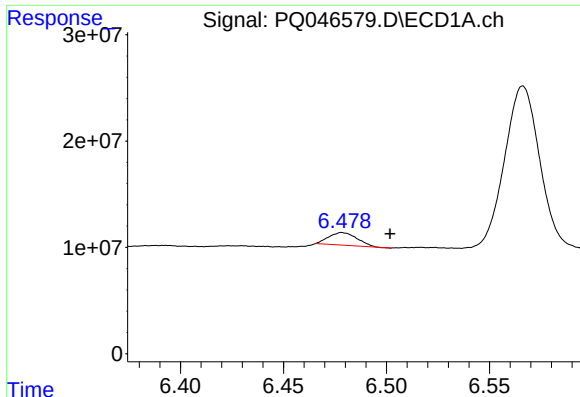
#2 Decachlorobiphenyl

R.T.: 11.312 min  
Delta R.T.: -0.004 min  
Response: 131744268  
Conc: 16.18 ng/ml



#2 Decachlorobiphenyl

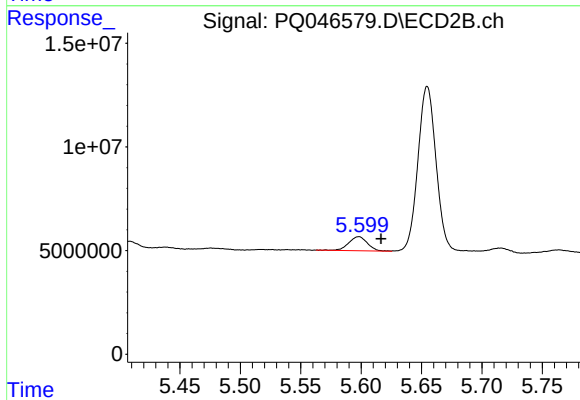
R.T.: 9.750 min  
Delta R.T.: -0.004 min  
Response: 109706634  
Conc: 15.84 ng/ml



#3 AR-1016-1

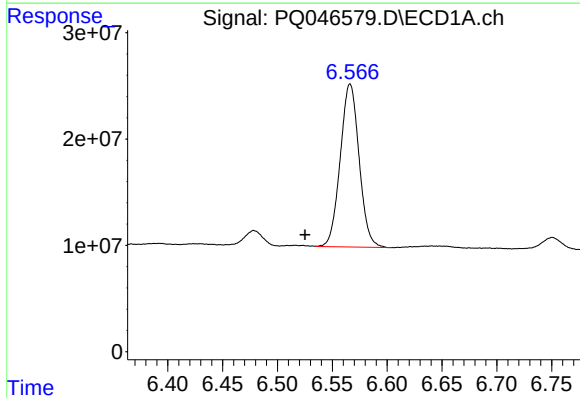
R.T.: 6.479 min  
Delta R.T.: -0.023 min  
Response: 11397883  
Conc: 20.75 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



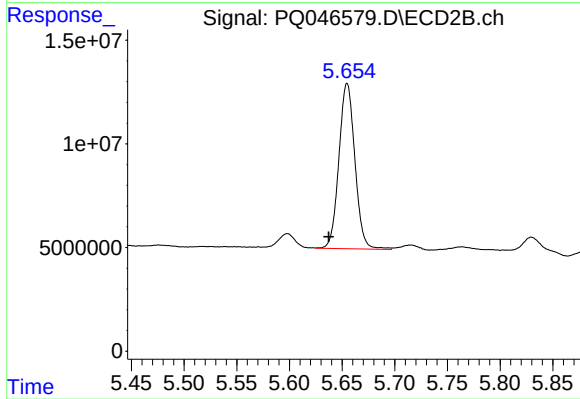
#3 AR-1016-1

R.T.: 5.598 min  
Delta R.T.: -0.019 min  
Response: 7366074  
Conc: 26.96 ng/ml



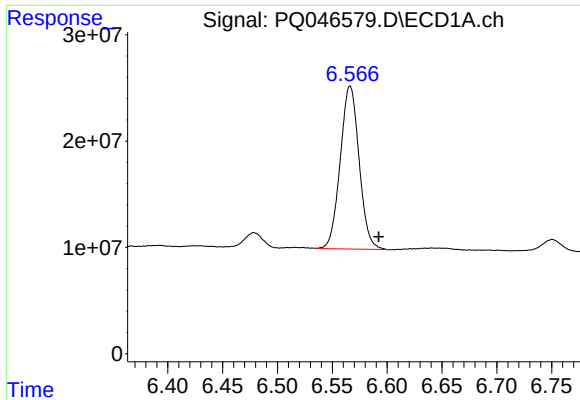
#4 AR-1016-2

R.T.: 6.566 min  
Delta R.T.: 0.041 min  
Response: 183757924  
Conc: 228.23 ng/ml



#4 AR-1016-2

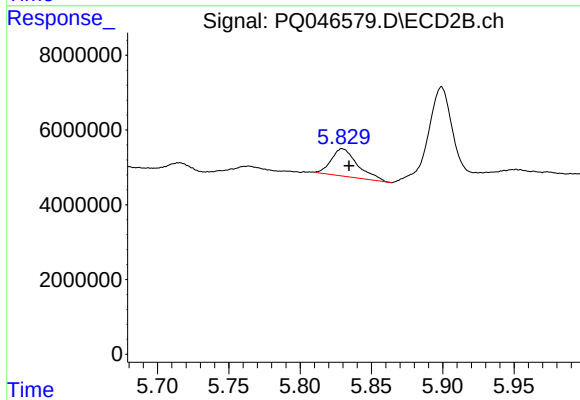
R.T.: 5.655 min  
Delta R.T.: 0.018 min  
Response: 84338215  
Conc: 219.14 ng/ml



#5 AR-1016-3

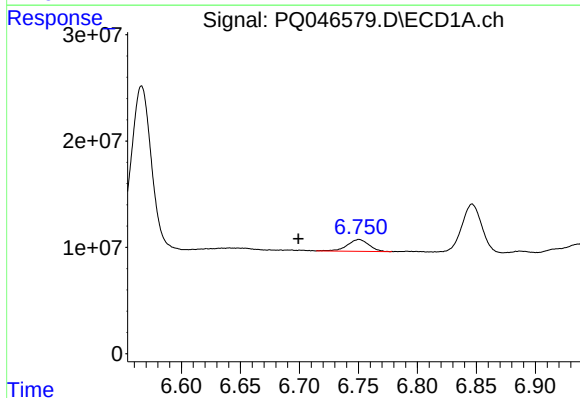
R.T.: 6.566 min  
Delta R.T.: -0.026 min  
Response: 183757924  
Conc: 383.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



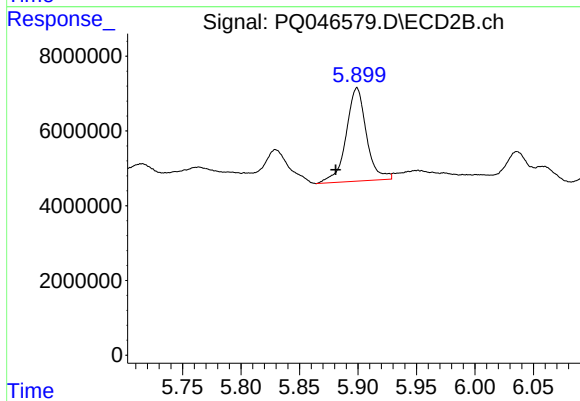
#5 AR-1016-3

R.T.: 5.830 min  
Delta R.T.: -0.004 min  
Response: 9446859  
Conc: 50.96 ng/ml



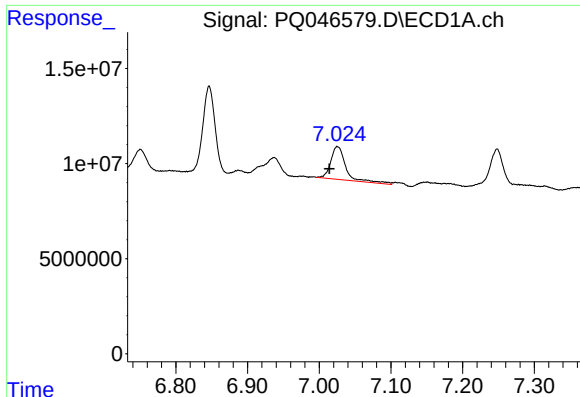
#6 AR-1016-4

R.T.: 6.751 min  
Delta R.T.: 0.051 min  
Response: 14086866  
Conc: 35.46 ng/ml



#6 AR-1016-4

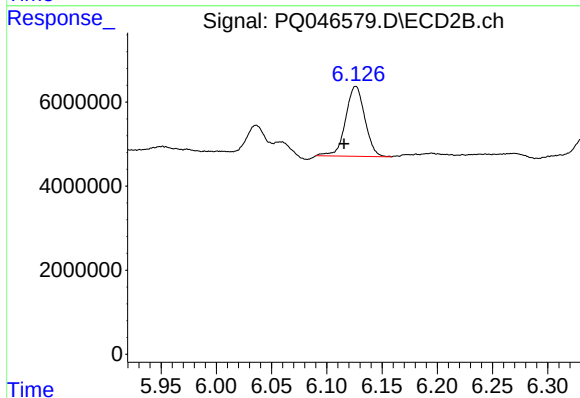
R.T.: 5.899 min  
Delta R.T.: 0.018 min  
Response: 30183657  
Conc: 200.60 ng/ml



#7 AR-1016-5

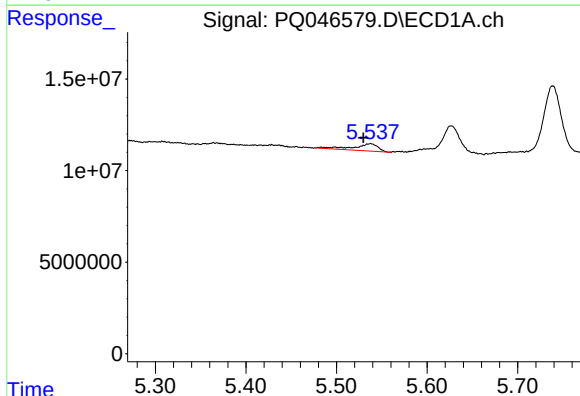
R.T.: 7.025 min  
Delta R.T.: 0.011 min  
Response: 25444526  
Conc: 67.83 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



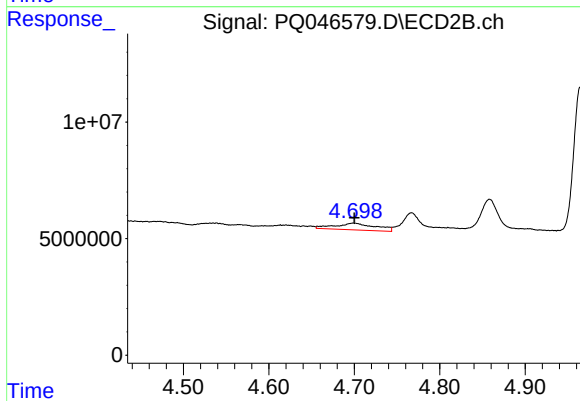
#7 AR-1016-5

R.T.: 6.126 min  
Delta R.T.: 0.011 min  
Response: 20216634  
Conc: 98.71 ng/ml



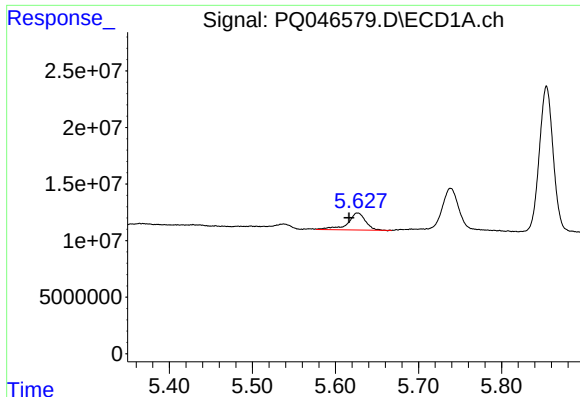
#9 AR-1221-2

R.T.: 5.538 min  
Delta R.T.: 0.008 min  
Response: 7408133  
Conc: 68.01 ng/ml



#9 AR-1221-2

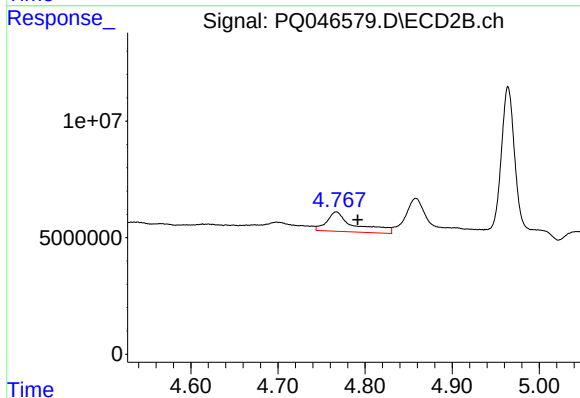
R.T.: 4.699 min  
Delta R.T.: -0.002 min  
Response: 9474193  
Conc: 188.89 ng/ml



#10 AR-1221-3

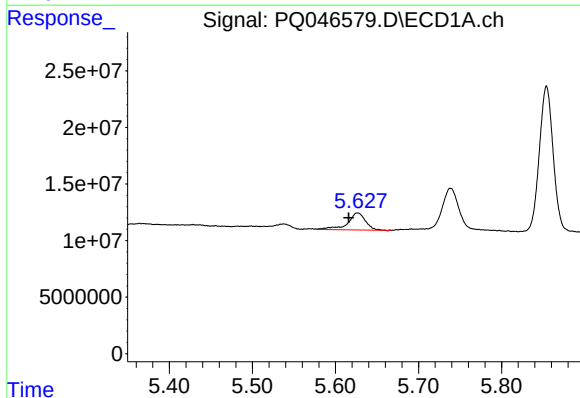
R.T.: 5.627 min  
Delta R.T.: 0.010 min  
Response: 22559971  
Conc: 67.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



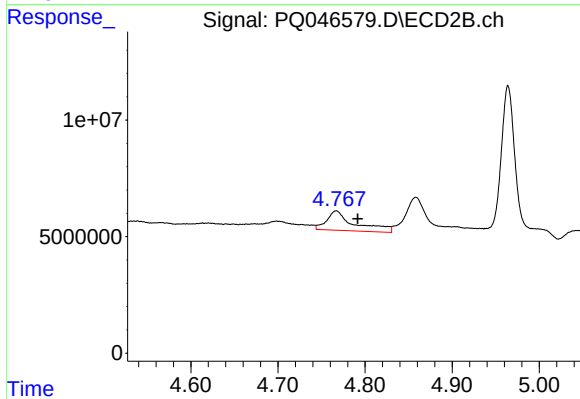
#10 AR-1221-3

R.T.: 4.767 min  
Delta R.T.: -0.025 min  
Response: 18653118  
Conc: 112.72 ng/ml



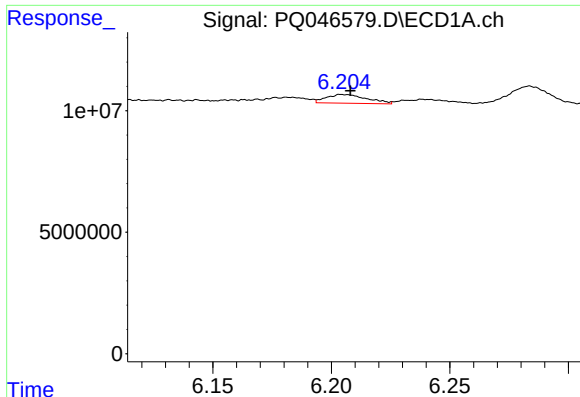
#11 AR-1232-1

R.T.: 5.627 min  
Delta R.T.: 0.011 min  
Response: 22559971  
Conc: 83.54 ng/ml



#11 AR-1232-1

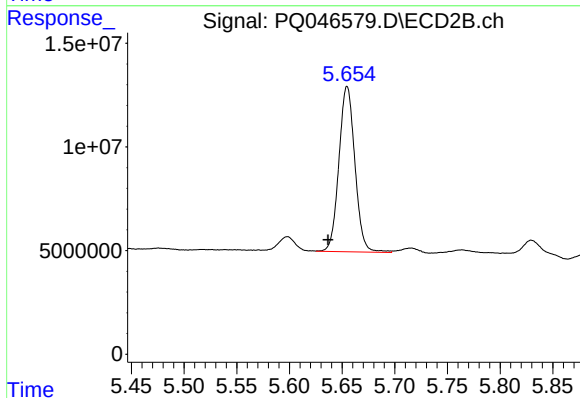
R.T.: 4.767 min  
Delta R.T.: -0.025 min  
Response: 18653118  
Conc: 140.46 ng/ml



#12 AR-1232-2

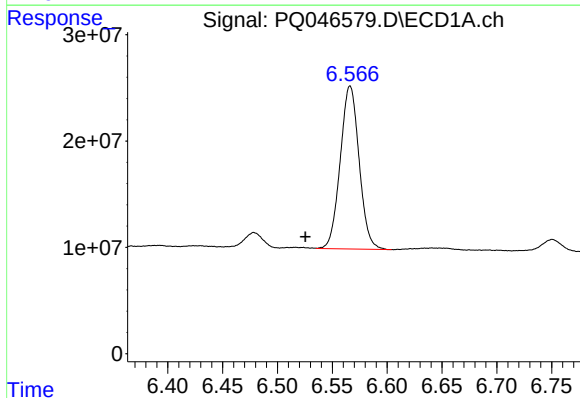
R.T.: 6.205 min  
Delta R.T.: -0.003 min  
Response: 4292150  
Conc: 31.35 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



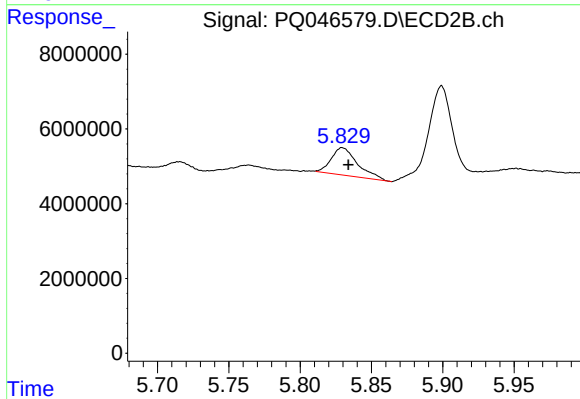
#12 AR-1232-2

R.T.: 5.655 min  
Delta R.T.: 0.018 min  
Response: 84338215  
Conc: 624.46 ng/ml



#13 AR-1232-3

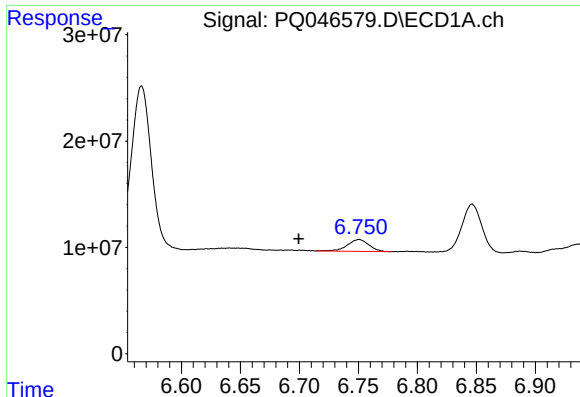
R.T.: 6.566 min  
Delta R.T.: 0.041 min  
Response: 183757924  
Conc: 630.72 ng/ml



#13 AR-1232-3

R.T.: 5.830 min  
Delta R.T.: -0.004 min  
Response: 9446859  
Conc: 147.75 ng/ml

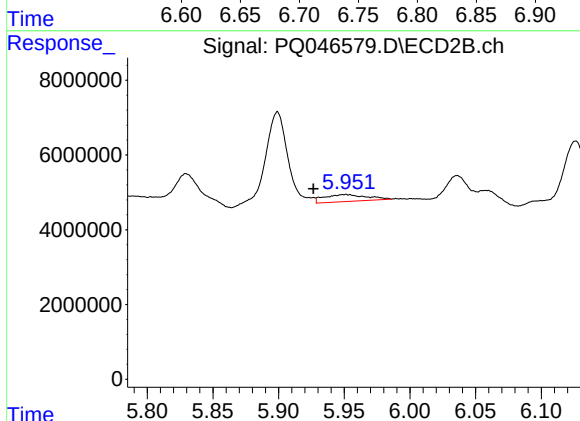




#14 AR-1232-4

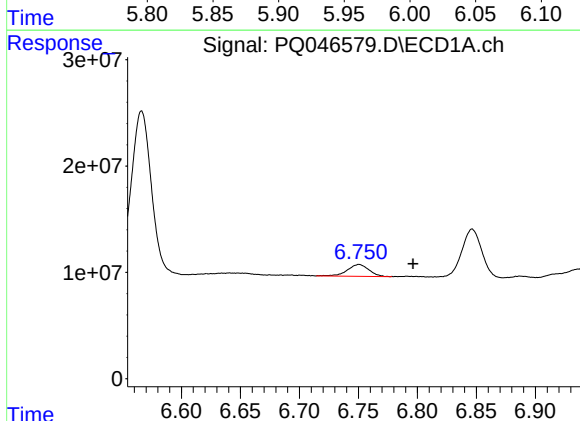
R.T.: 6.751 min  
Delta R.T.: 0.051 min  
Response: 14086866  
Conc: 98.99 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



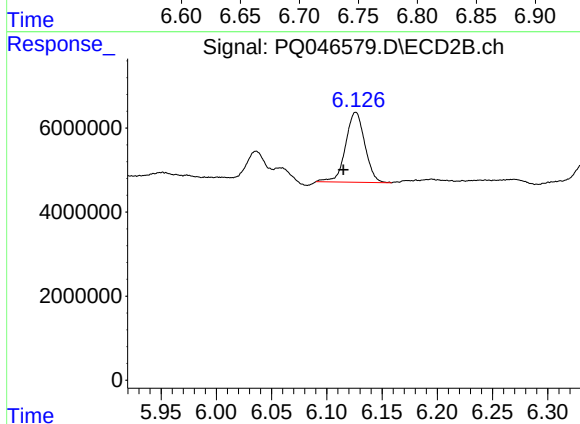
#14 AR-1232-4

R.T.: 5.951 min  
Delta R.T.: 0.025 min  
Response: 4174152  
Conc: 69.05 ng/ml



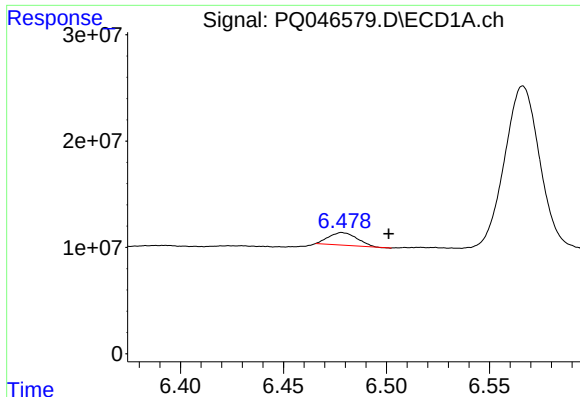
#15 AR-1232-5

R.T.: 6.751 min  
Delta R.T.: -0.046 min  
Response: 14086866  
Conc: 133.90 ng/ml



#15 AR-1232-5

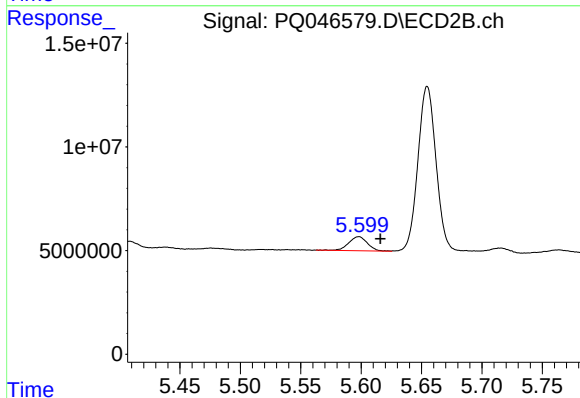
R.T.: 6.126 min  
Delta R.T.: 0.011 min  
Response: 20216634  
Conc: 300.63 ng/ml



#16 AR-1242-1

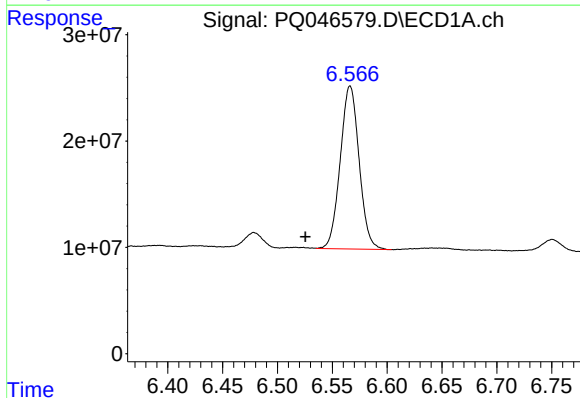
R.T.: 6.479 min  
Delta R.T.: -0.022 min  
Response: 11397883  
Conc: 31.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



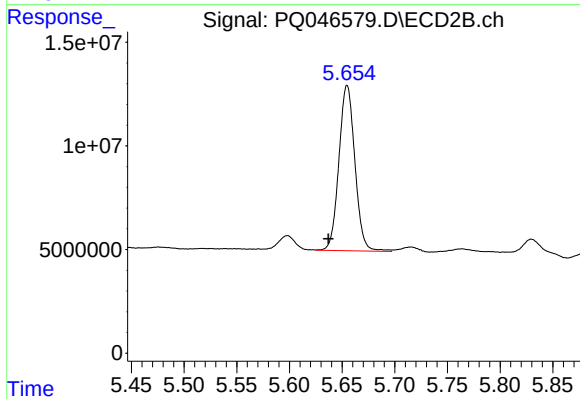
#16 AR-1242-1

R.T.: 5.598 min  
Delta R.T.: -0.018 min  
Response: 7366074  
Conc: 41.33 ng/ml



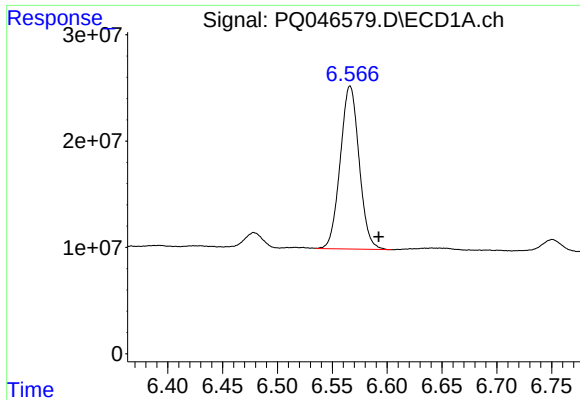
#17 AR-1242-2

R.T.: 6.566 min  
Delta R.T.: 0.041 min  
Response: 183757924  
Conc: 341.12 ng/ml



#17 AR-1242-2

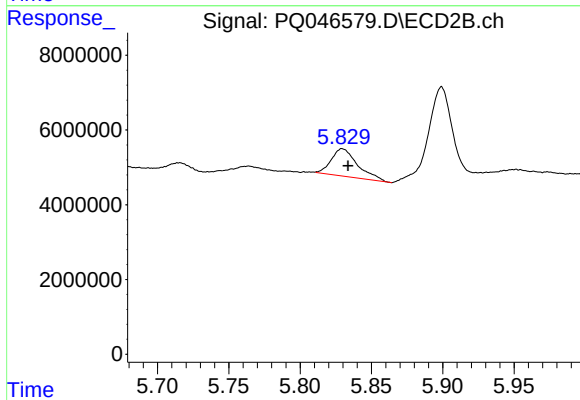
R.T.: 5.655 min  
Delta R.T.: 0.018 min  
Response: 84338215  
Conc: 333.04 ng/ml



#18 AR-1242-3

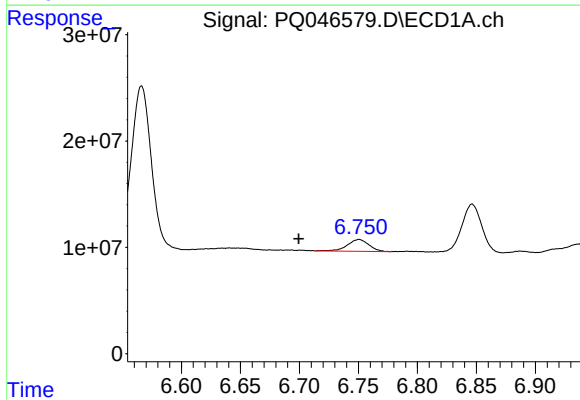
R.T.: 6.566 min  
Delta R.T.: -0.026 min  
Response: 183757924  
Conc: 576.65 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



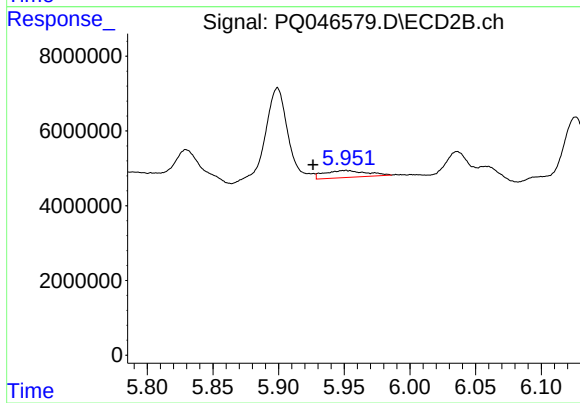
#18 AR-1242-3

R.T.: 5.830 min  
Delta R.T.: -0.004 min  
Response: 9446859  
Conc: 75.57 ng/ml



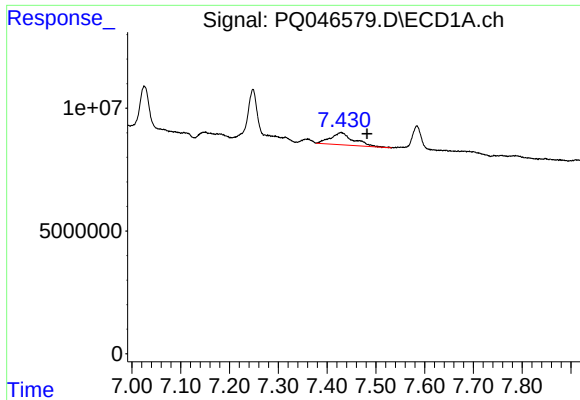
#19 AR-1242-4

R.T.: 6.751 min  
Delta R.T.: 0.051 min  
Response: 14086866  
Conc: 53.30 ng/ml



#19 AR-1242-4

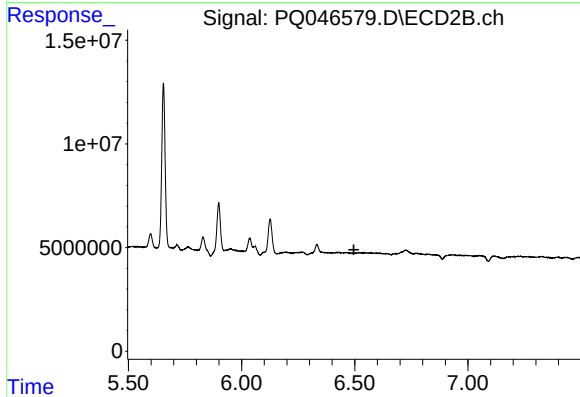
R.T.: 5.951 min  
Delta R.T.: 0.025 min  
Response: 4174152  
Conc: 33.00 ng/ml



#20 AR-1242-5

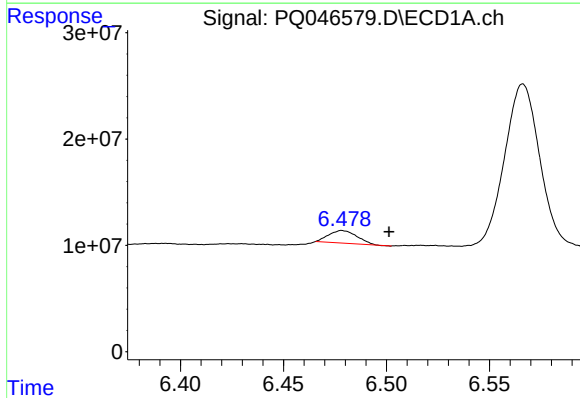
R.T.: 7.429 min  
Delta R.T.: -0.054 min  
Response: 16043025  
Conc: 55.92 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



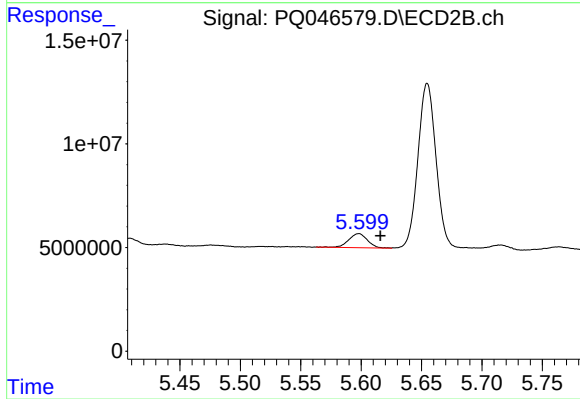
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.496 min  
Response: 0  
Conc: N.D.



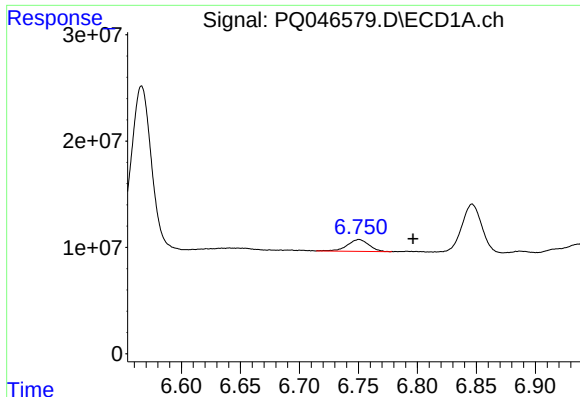
#21 AR-1248-1

R.T.: 6.479 min  
Delta R.T.: -0.023 min  
Response: 11397883  
Conc: 40.61 ng/ml



#21 AR-1248-1

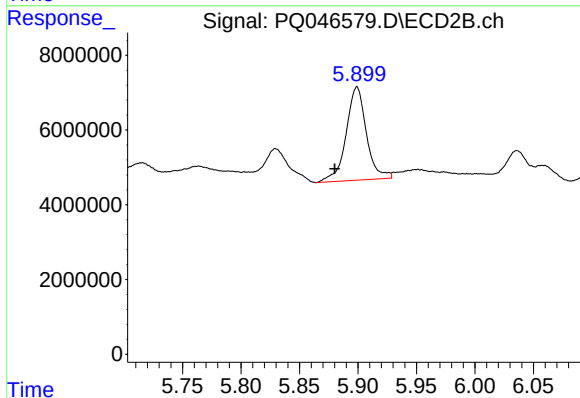
R.T.: 5.598 min  
Delta R.T.: -0.018 min  
Response: 7366074  
Conc: 54.61 ng/ml



#22 AR-1248-2

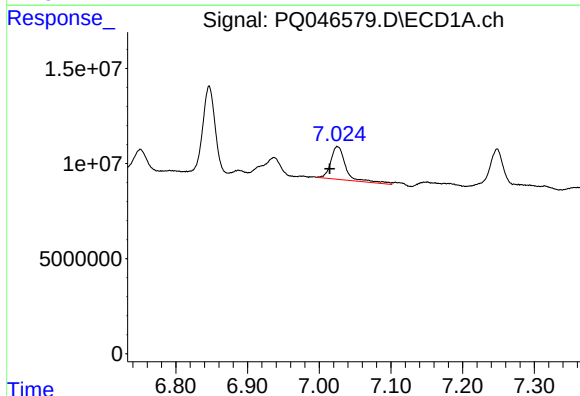
R.T.: 6.751 min  
Delta R.T.: -0.046 min  
Response: 14086866  
Conc: 37.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



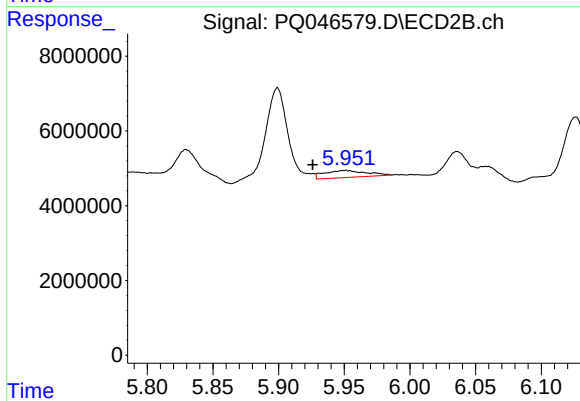
#22 AR-1248-2

R.T.: 5.899 min  
Delta R.T.: 0.019 min  
Response: 30183657  
Conc: 174.67 ng/ml



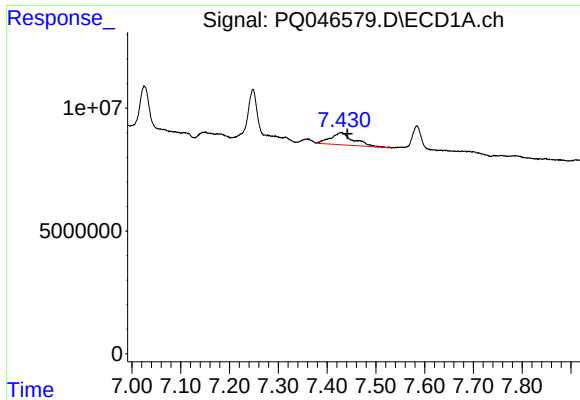
#23 AR-1248-3

R.T.: 7.025 min  
Delta R.T.: 0.011 min  
Response: 25444526  
Conc: 61.62 ng/ml



#23 AR-1248-3

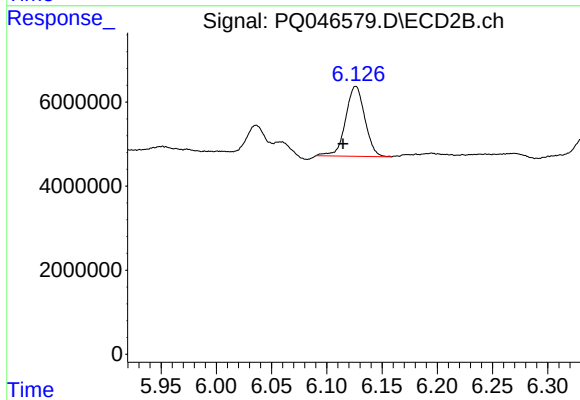
R.T.: 5.951 min  
Delta R.T.: 0.025 min  
Response: 4174152  
Conc: 22.93 ng/ml



#24 AR-1248-4

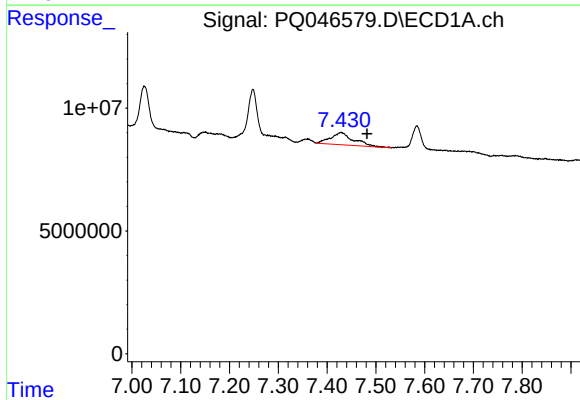
R.T.: 7.429 min  
Delta R.T.: -0.013 min  
Response: 16043025  
Conc: 33.68 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



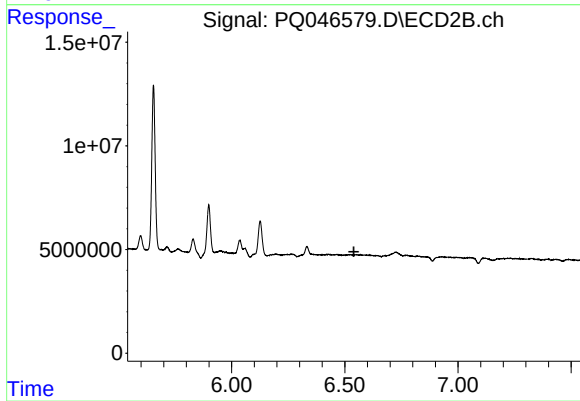
#24 AR-1248-4

R.T.: 6.126 min  
Delta R.T.: 0.011 min  
Response: 20216634  
Conc: 91.53 ng/ml



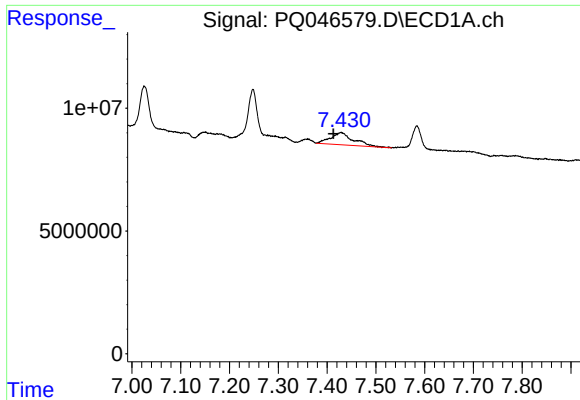
#25 AR-1248-5

R.T.: 7.429 min  
Delta R.T.: -0.054 min  
Response: 16043025  
Conc: 34.83 ng/ml



#25 AR-1248-5

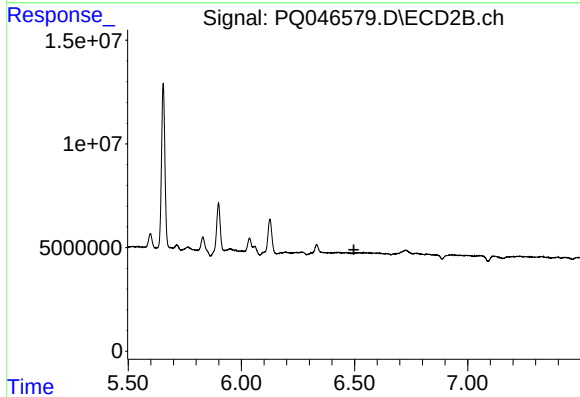
R.T.: 0.000 min  
Exp R.T.: 6.540 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

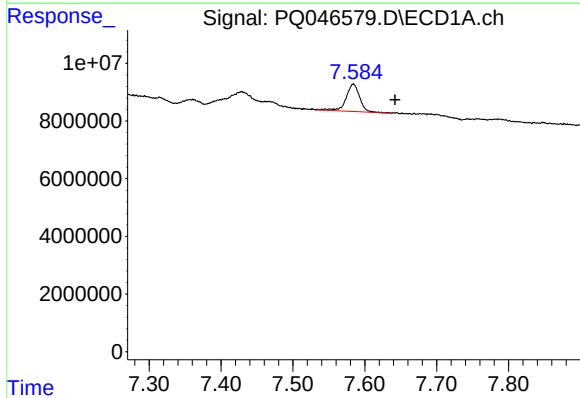
R.T.: 7.429 min  
Delta R.T.: 0.016 min  
Response: 16043025  
Conc: 34.28 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



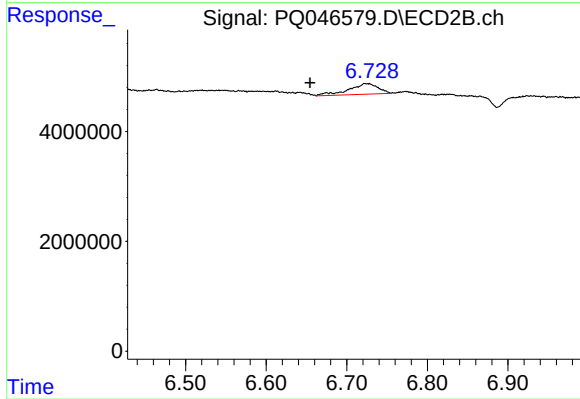
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.497 min  
Response: 0  
Conc: N.D.



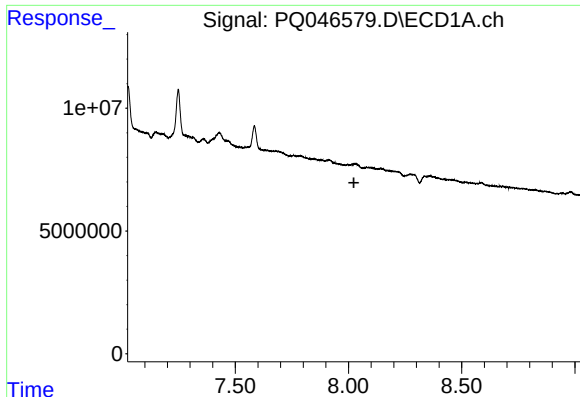
#27 AR-1254-2

R.T.: 7.584 min  
Delta R.T.: -0.058 min  
Response: 12493635  
Conc: 17.57 ng/ml



#27 AR-1254-2

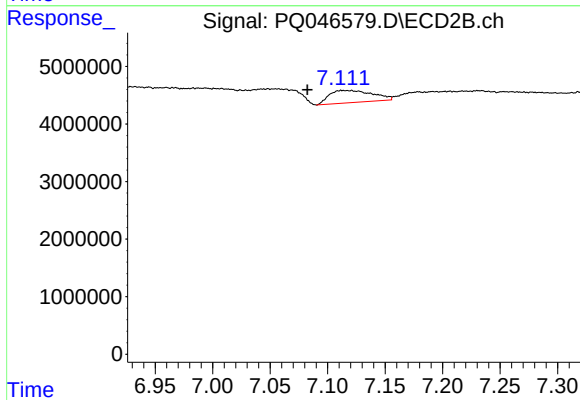
R.T.: 6.723 min  
Delta R.T.: 0.069 min  
Response: 4854786  
Conc: 15.88 ng/ml



#28 AR-1254-3

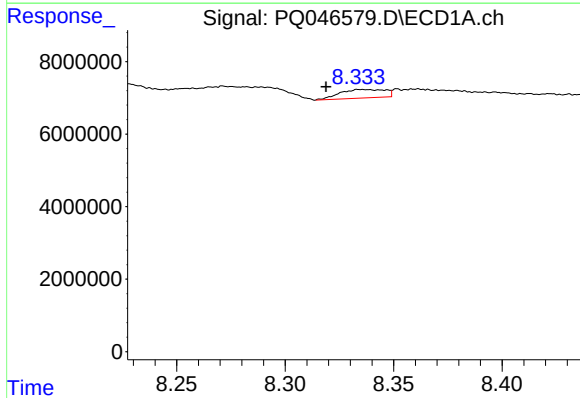
R.T.: 0.000 min  
Exp R.T.: 8.024 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



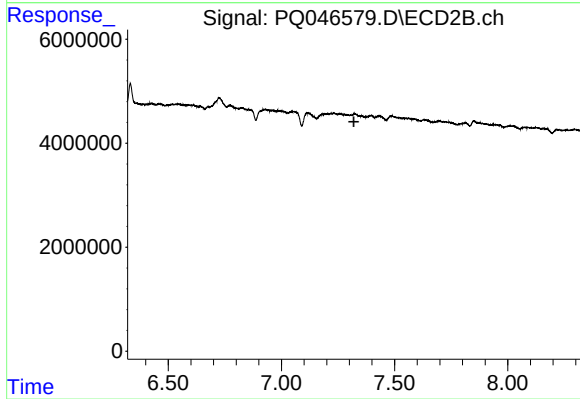
#28 AR-1254-3

R.T.: 7.115 min  
Delta R.T.: 0.032 min  
Response: 5524958  
Conc: 10.78 ng/ml



#29 AR-1254-4

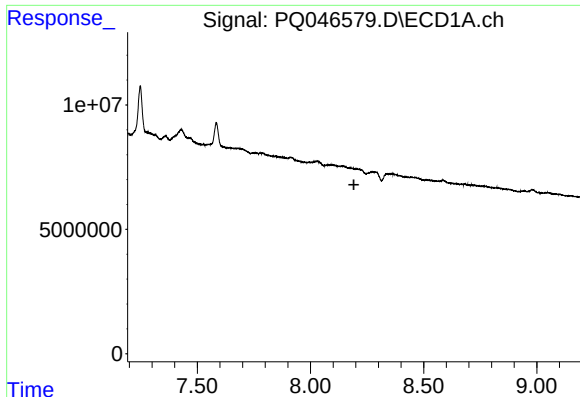
R.T.: 8.335 min  
Delta R.T.: 0.016 min  
Response: 3403042  
Conc: 6.41 ng/ml



#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.320 min  
Response: 0  
Conc: N.D.

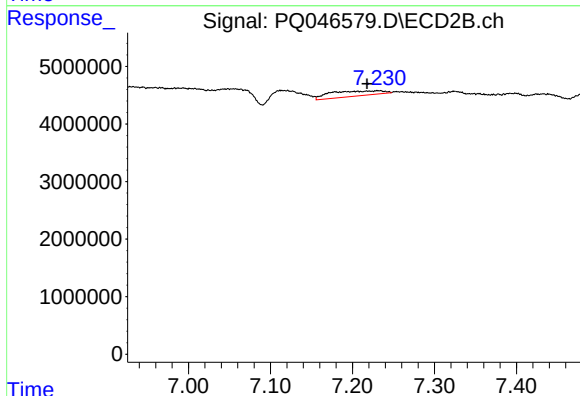




#31 AR-1260-1

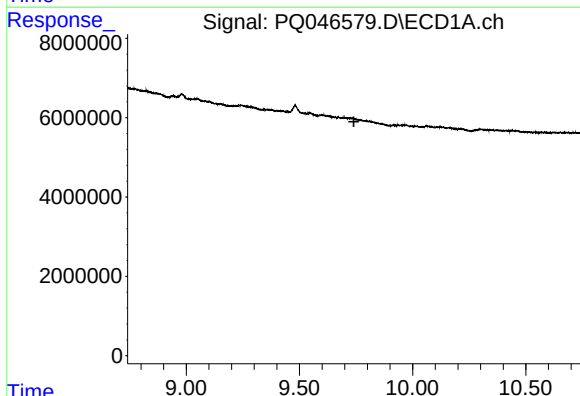
R.T.: 0.000 min  
Exp R.T.: 8.192 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



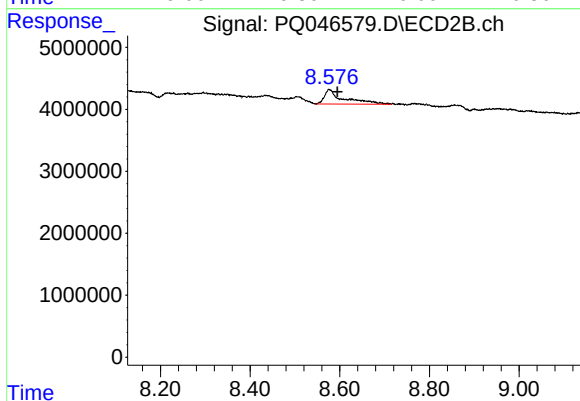
#31 AR-1260-1

R.T.: 7.232 min  
Delta R.T.: 0.014 min  
Response: 3873565  
Conc: 10.17 ng/ml



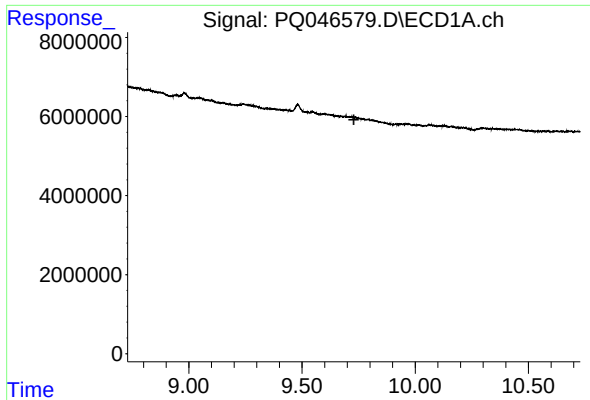
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 9.740 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

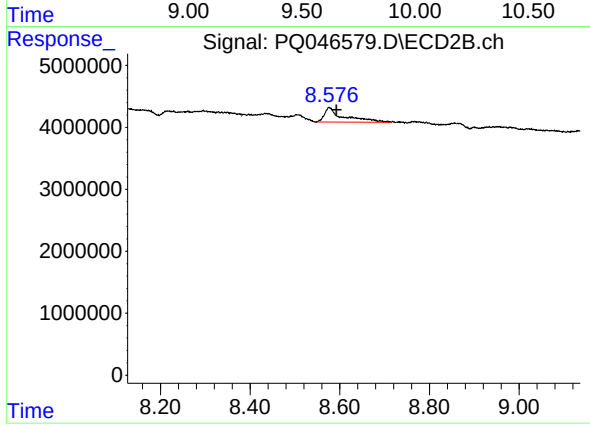
R.T.: 8.577 min  
Delta R.T.: -0.018 min  
Response: 6999455  
Conc: 21.06 ng/ml



#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T.: 9.729 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
FIELD-BLANK



#41 AR-1268-1

R.T.: 8.577 min  
Delta R.T.: -0.015 min  
Response: 6999455  
Conc: 6.63 ng/ml