

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR072518\  
 Data File : PR030718.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jul 2018 23:23  
 Operator : SM\MA  
 Sample : J4086-15  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 26 00:59:09 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR072418.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 25 04:22:29 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... | 4.552  | 3.689 | 799.1E6  | 1220.9E6 | 35.087   | 31.848    |
| 2)                          | SA Decachlor... | 10.316 | 8.590 | 716.2E6  | 500.6E6  | 27.697   | 25.429    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 5.445  | 4.534 | 475.2E6  | 909.4E6  | 991.146  | 1010.214  |
| 4)                          | L1 AR-1016-2    | 5.796  | 4.941 | 608.1E6  | 936.4E6  | 993.262  | 971.118   |
| 5)                          | L1 AR-1016-3    | 5.894  | 5.020 | 516.8E6  | 961.5E6  | 1005.724 | 915.602   |
| 6)                          | L1 AR-1016-4    | 6.187  | 5.189 | 481.0E6  | 1085.8E6 | 967.297  | 949.866   |
| 7)                          | L1 AR-1016-5    | 6.328  | 5.534 | 426.9E6  | 292.9E6  | 818.071  | 249.857 # |
| 8)                          | L2 AR-1221-1    | 4.751  | 3.895 | 52767561 | 96167307 | 245.550  | 248.155   |
| 9)                          | L2 AR-1221-2    | 4.841  | 3.981 | 67735793 | 117.5E6  | 421.757  | 418.129   |
| 10)                         | L2 AR-1221-3    | 4.918  | 4.055 | 311.7E6  | 549.5E6  | 610.703  | 607.205   |
| 11)                         | L3 AR-1232-1    | 4.918  | 4.055 | 311.7E6  | 549.5E6  | 739.624  | 708.842   |
| 12)                         | L3 AR-1232-2    | 5.445  | 4.941 | 475.2E6  | 936.4E6  | 2227.420 | 2034.719  |
| 13)                         | L3 AR-1232-3    | 5.796  | 4.979 | 608.1E6  | 732.3E6  | 2185.242 | 2130.678  |
| 14)                         | L3 AR-1232-4    | 5.894  | 5.534 | 516.8E6  | 292.9E6  | 2220.582 | 468.441 # |
| 15)                         | L3 AR-1232-5    | 6.328  | 5.574 | 426.9E6  | 169.0E6  | 1832.849 | 270.200 # |
| 16)                         | L4 AR-1242-1    | 5.445  | 4.534 | 475.2E6  | 909.4E6  | 1066.005 | 1027.490  |
| 17)                         | L4 AR-1242-2    | 5.710  | 4.767 | 717.2E6  | 2056.7E6 | 1073.737 | 938.375   |
| 18)                         | L4 AR-1242-3    | 5.796  | 4.823 | 608.1E6  | 1137.6E6 | 1077.499 | 860.485   |
| 19)                         | L4 AR-1242-4    | 5.894  | 5.020 | 516.8E6  | 961.5E6  | 1074.885 | 938.809   |
| 20)                         | L4 AR-1242-5    | 6.187  | 5.189 | 481.0E6  | 1085.8E6 | 1020.868 | 964.079   |
| 21)                         | L5 AR-1248-1    | 5.983  | 4.979 | 409.6E6  | 732.3E6  | 624.227  | 542.245   |
| 22)                         | L5 AR-1248-2    | 6.187  | 5.020 | 481.0E6  | 961.5E6  | 652.683  | 683.374   |
| 23)                         | L5 AR-1248-3    | 6.561  | 5.189 | 87700357 | 1085.8E6 | 131.615  | 623.661 # |
| 24)                         | L5 AR-1248-4    | 6.627  | 5.534 | 66599753 | 292.9E6  | 77.706   | 108.678 # |
| 25)                         | L5 AR-1248-5    | 6.785  | 5.574 | 35336808 | 169.0E6  | 39.981   | 87.288 #  |
| 26)                         | L6 AR-1254-1    | 5.983  | 4.979 | 409.6E6  | 732.3E6  | 861.491  | 716.481   |
| 27)                         | L6 AR-1254-2    | 6.785  | 5.676 | 35336808 | 69521352 | 23.668   | 26.479    |
| 28)                         | L6 AR-1254-3    | 7.148  | 0.000 | 74816779 | 0        | 48.860   | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.905  | 0.000 | 121.0E6  | 0        | 90.256   | N.D. #    |
| 32)                         | L7 AR-1260-2    | 7.619  | 6.388 | 58011514 | 133.0E6  | 38.124   | 43.727    |
| 33)                         | L7 AR-1260-3    | 7.905  | 0.000 | 121.0E6  | 0        | 97.092   | N.D. #    |
| 37)                         | L8 AR-1262-2    | 7.619  | 6.388 | 58011514 | 133.0E6  | 42.295   | 47.562    |
| 38)                         | L8 AR-1262-3    | 7.905  | 0.000 | 121.0E6  | 0        | 60.033   | N.D. #    |
| -----                       |                 |        |       |          |          |          |           |

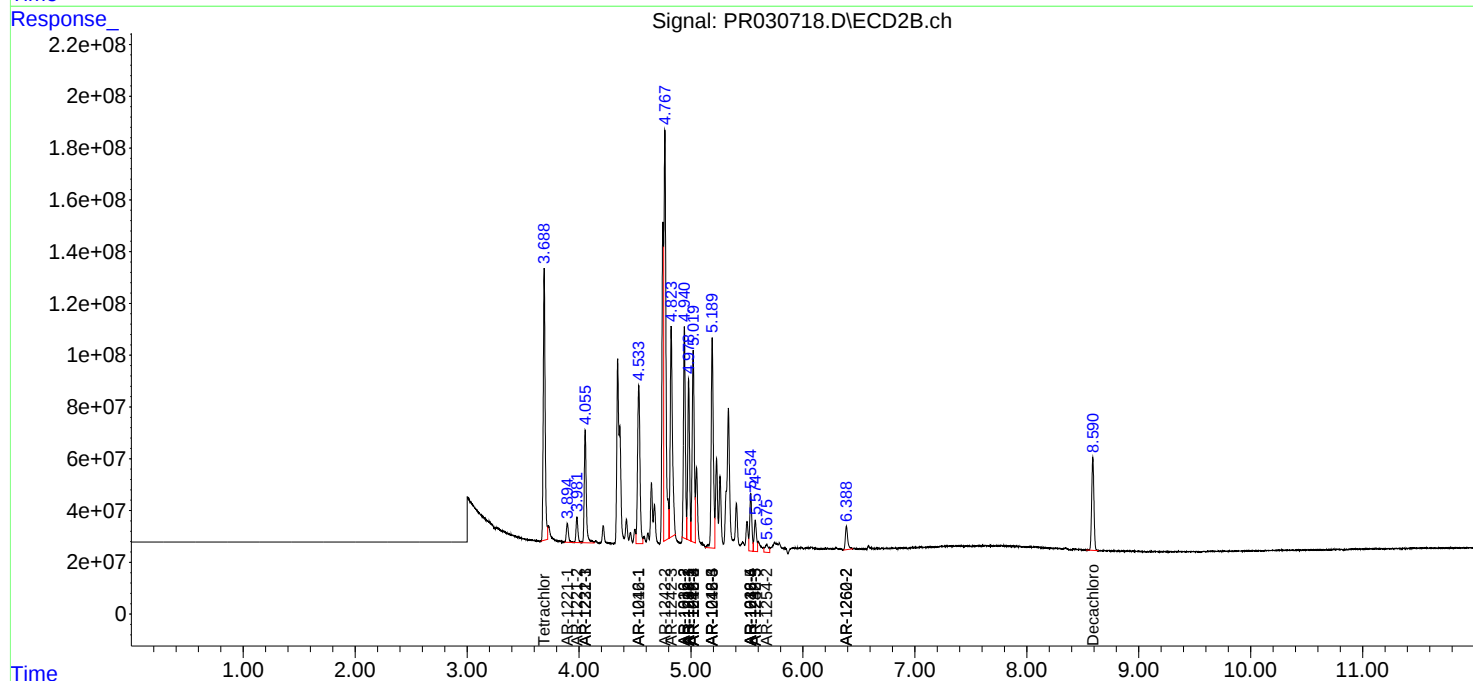
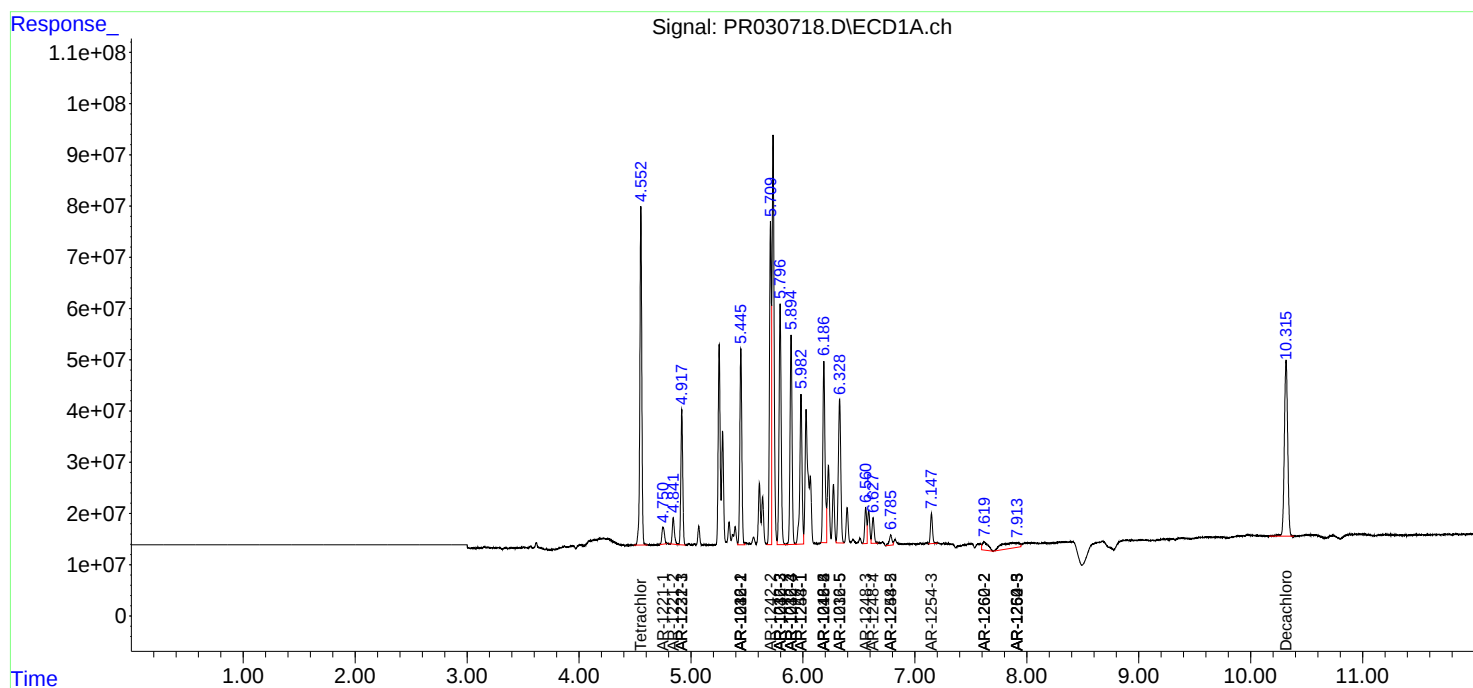
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

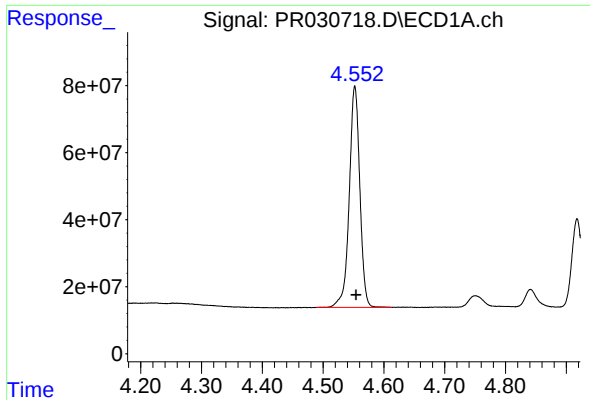
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR072518\  
Data File : PR030718.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jul 2018 23:23  
Operator : SM\MA  
Sample : J4086-15  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 26 00:59:09 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR072418.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 25 04:22:29 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

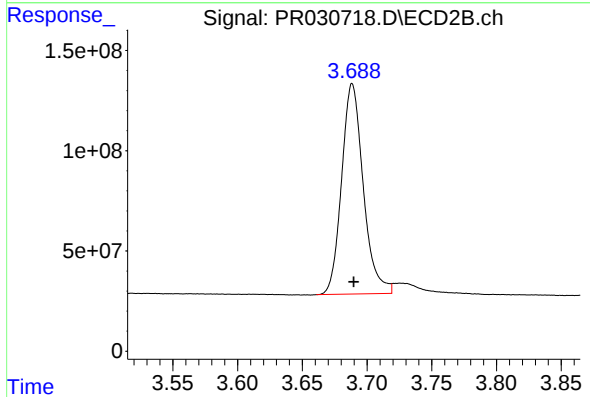




#1 Tetrachloro-m-xylene

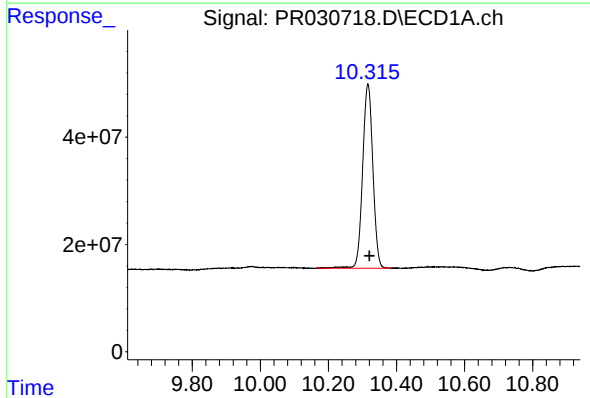
R.T.: 4.552 min  
Delta R.T.: -0.002 min  
Response: 799084670  
Conc: 35.09 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



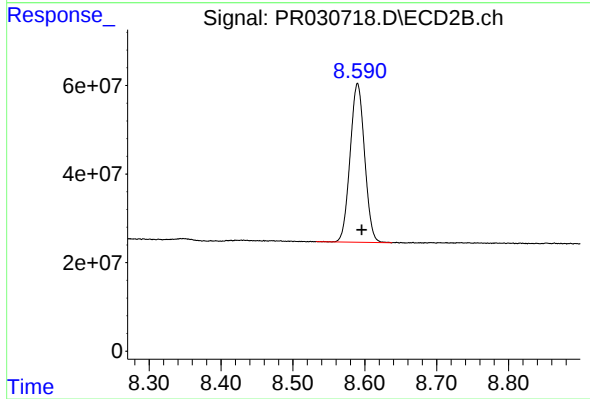
#1 Tetrachloro-m-xylene

R.T.: 3.689 min  
Delta R.T.: -0.001 min  
Response: 1220850504  
Conc: 31.85 ng/ml



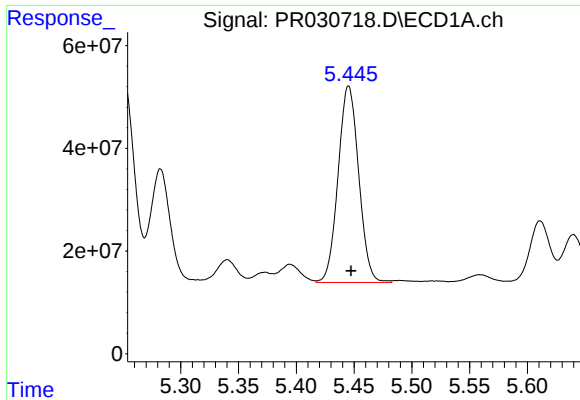
#2 Decachlorobiphenyl

R.T.: 10.316 min  
Delta R.T.: -0.005 min  
Response: 716166052  
Conc: 27.70 ng/ml



#2 Decachlorobiphenyl

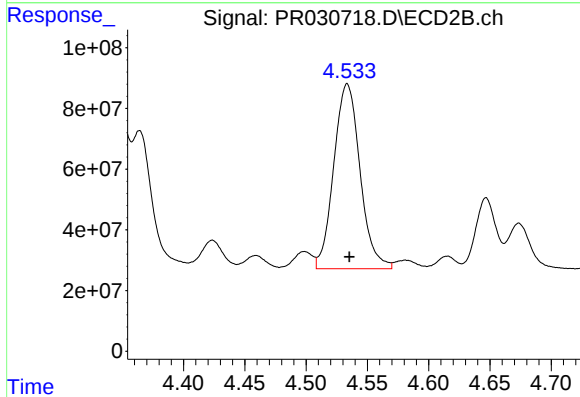
R.T.: 8.590 min  
Delta R.T.: -0.006 min  
Response: 500618003  
Conc: 25.43 ng/ml



#3 AR-1016-1

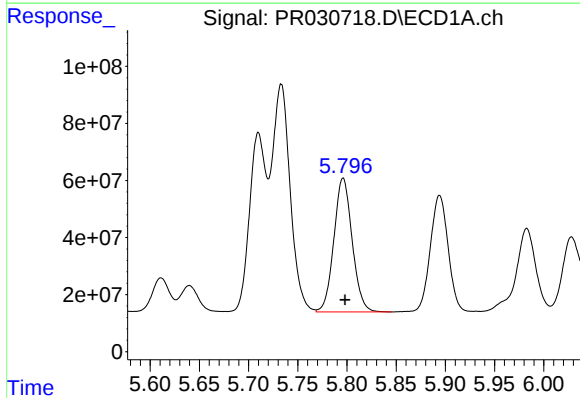
R.T.: 5.445 min  
Delta R.T.: -0.002 min  
Response: 475173470  
Conc: 991.15 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



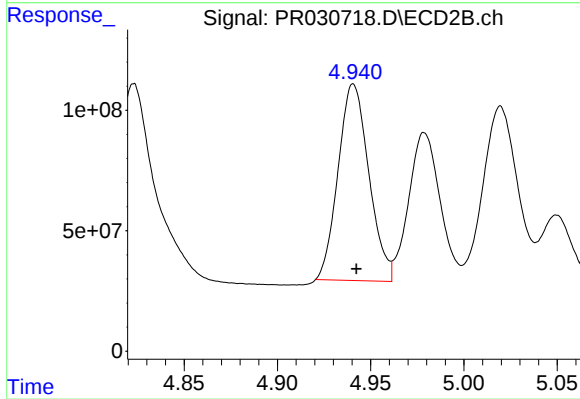
#3 AR-1016-1

R.T.: 4.534 min  
Delta R.T.: -0.002 min  
Response: 909406500  
Conc: 1010.21 ng/ml



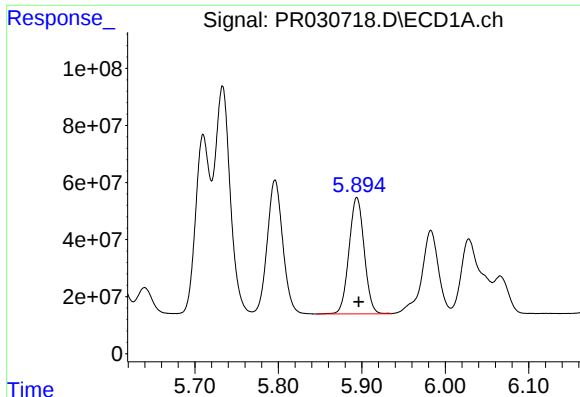
#4 AR-1016-2

R.T.: 5.796 min  
Delta R.T.: -0.002 min  
Response: 608079497  
Conc: 993.26 ng/ml



#4 AR-1016-2

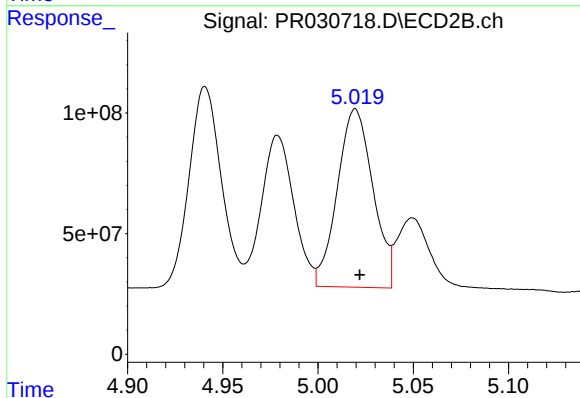
R.T.: 4.941 min  
Delta R.T.: -0.002 min  
Response: 936417225  
Conc: 971.12 ng/ml



#5 AR-1016-3

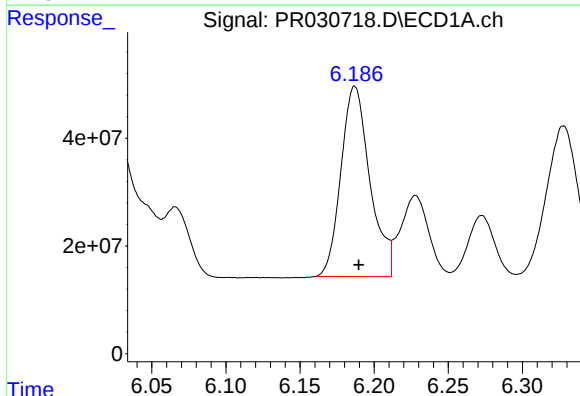
R.T.: 5.894 min  
Delta R.T.: -0.002 min  
Response: 516803913  
Conc: 1005.72 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



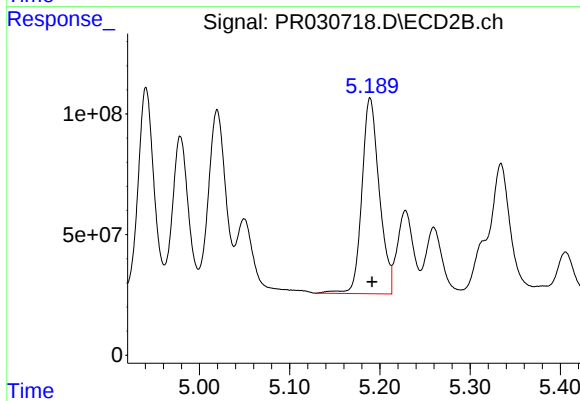
#5 AR-1016-3

R.T.: 5.020 min  
Delta R.T.: -0.002 min  
Response: 961517181  
Conc: 915.60 ng/ml



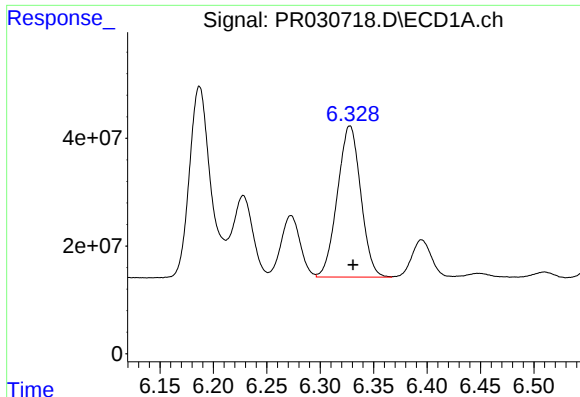
#6 AR-1016-4

R.T.: 6.187 min  
Delta R.T.: -0.003 min  
Response: 480965588  
Conc: 967.30 ng/ml



#6 AR-1016-4

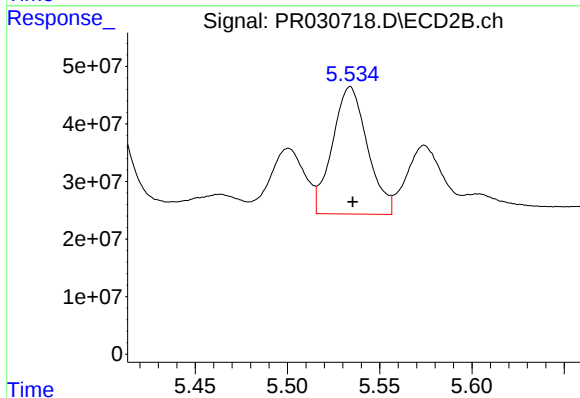
R.T.: 5.189 min  
Delta R.T.: -0.002 min  
Response: 1085849246  
Conc: 949.87 ng/ml



#7 AR-1016-5

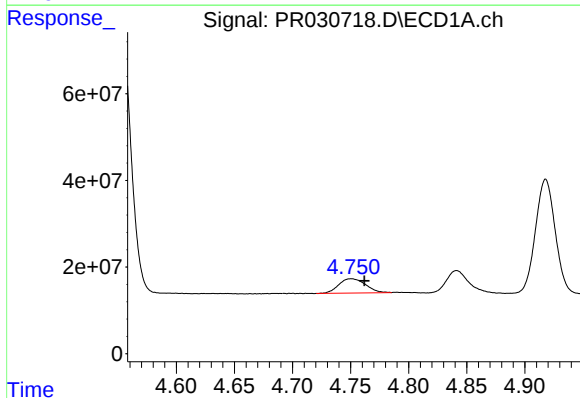
R.T.: 6.328 min  
Delta R.T.: -0.003 min  
Response: 426903499  
Conc: 818.07 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



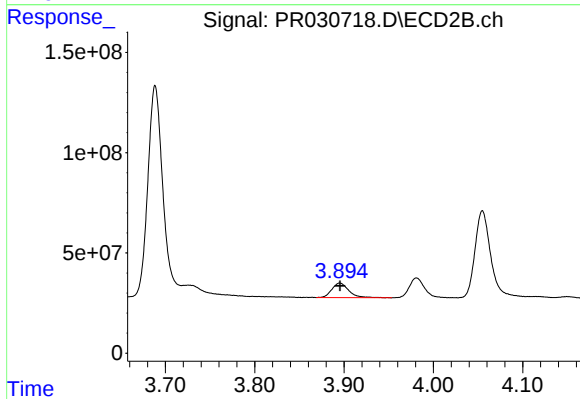
#7 AR-1016-5

R.T.: 5.534 min  
Delta R.T.: -0.001 min  
Response: 292897246  
Conc: 249.86 ng/ml



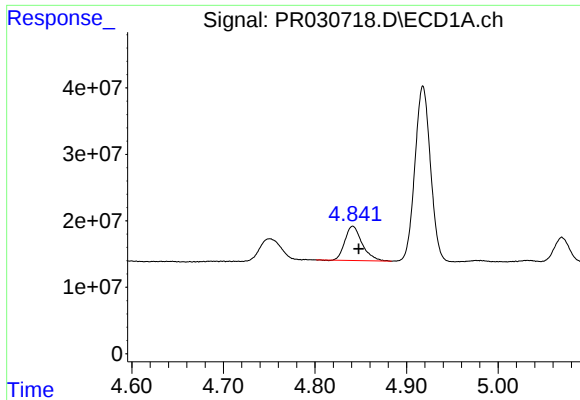
#8 AR-1221-1

R.T.: 4.751 min  
Delta R.T.: -0.011 min  
Response: 52767561  
Conc: 245.55 ng/ml



#8 AR-1221-1

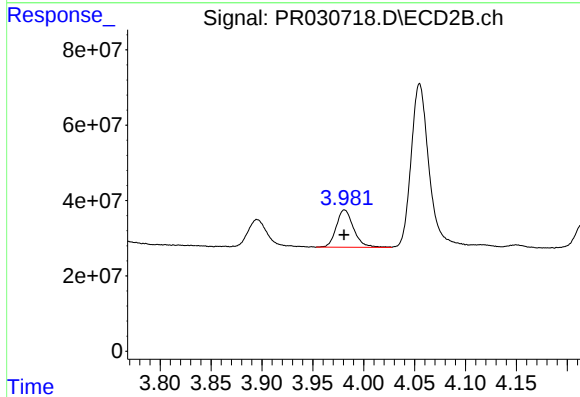
R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 96167307  
Conc: 248.16 ng/ml



#9 AR-1221-2

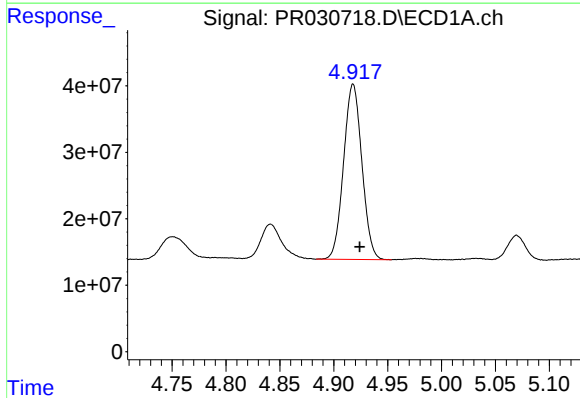
R.T.: 4.841 min  
Delta R.T.: -0.006 min  
Response: 67735793  
Conc: 421.76 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



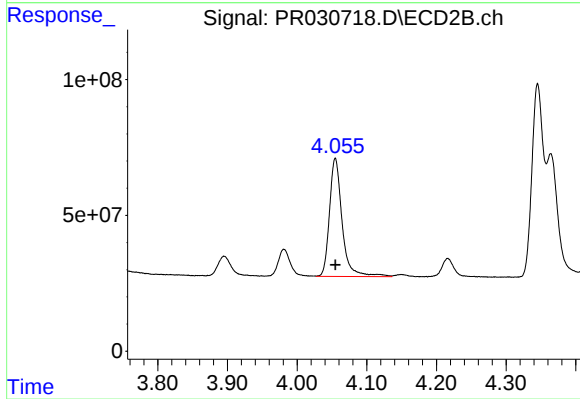
#9 AR-1221-2

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 117501806  
Conc: 418.13 ng/ml



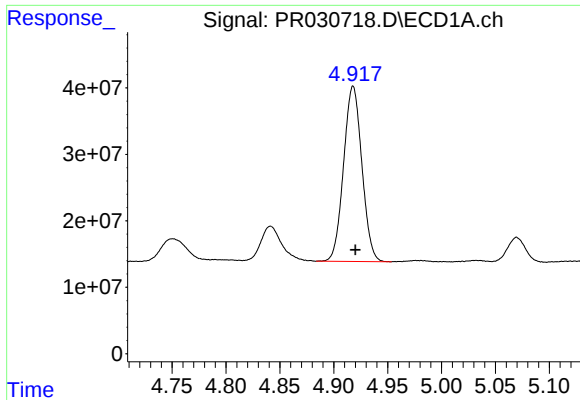
#10 AR-1221-3

R.T.: 4.918 min  
Delta R.T.: -0.006 min  
Response: 311691685  
Conc: 610.70 ng/ml



#10 AR-1221-3

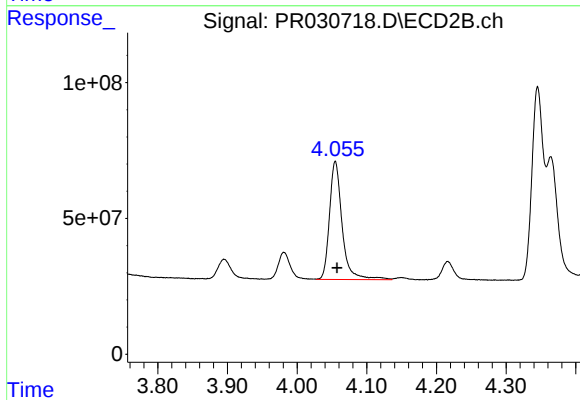
R.T.: 4.055 min  
Delta R.T.: 0.000 min  
Response: 549516155  
Conc: 607.21 ng/ml



#11 AR-1232-1

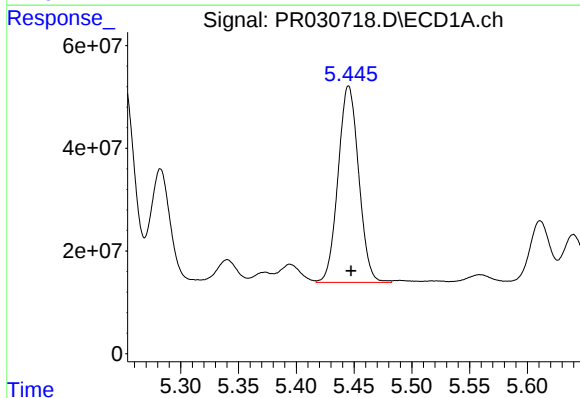
R.T.: 4.918 min  
Delta R.T.: -0.002 min  
Response: 311691685  
Conc: 739.62 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



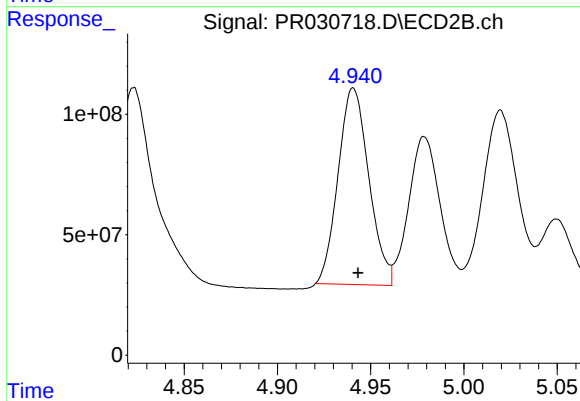
#11 AR-1232-1

R.T.: 4.055 min  
Delta R.T.: -0.002 min  
Response: 549516155  
Conc: 708.84 ng/ml



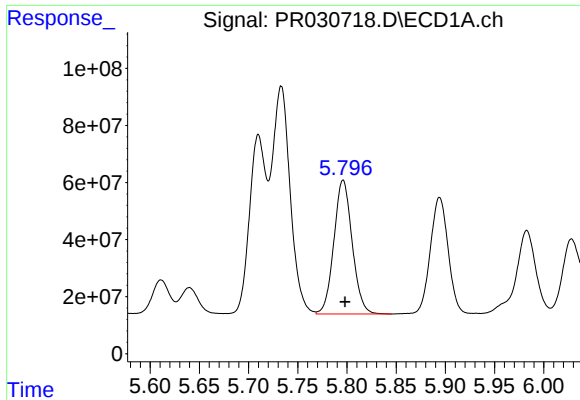
#12 AR-1232-2

R.T.: 5.445 min  
Delta R.T.: -0.002 min  
Response: 475173470  
Conc: 2227.42 ng/ml



#12 AR-1232-2

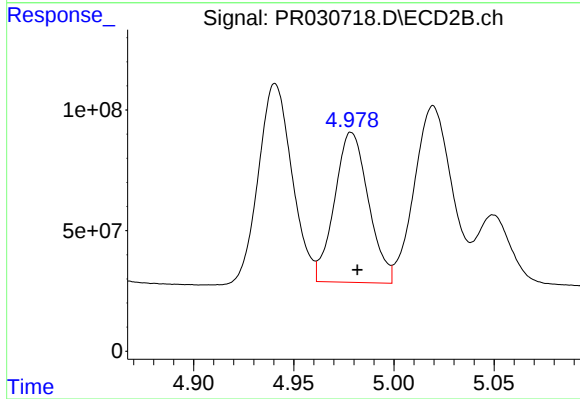
R.T.: 4.941 min  
Delta R.T.: -0.003 min  
Response: 936417225  
Conc: 2034.72 ng/ml



#13 AR-1232-3

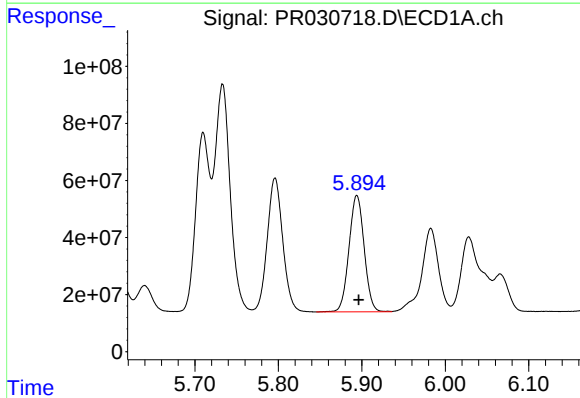
R.T.: 5.796 min  
Delta R.T.: -0.002 min  
Response: 608079497  
Conc: 2185.24 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



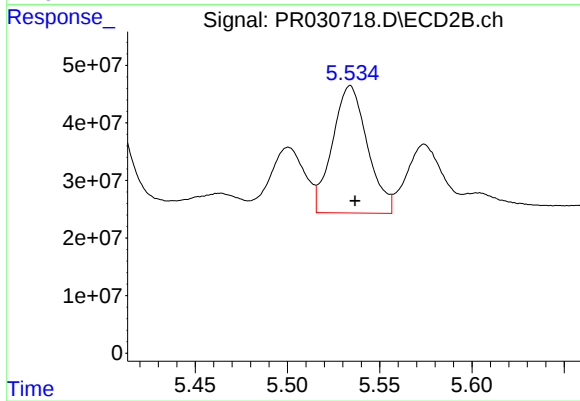
#13 AR-1232-3

R.T.: 4.979 min  
Delta R.T.: -0.003 min  
Response: 732286978  
Conc: 2130.68 ng/ml



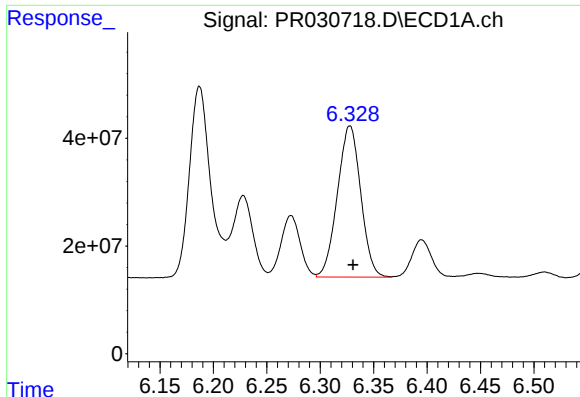
#14 AR-1232-4

R.T.: 5.894 min  
Delta R.T.: -0.002 min  
Response: 516803913  
Conc: 2220.58 ng/ml



#14 AR-1232-4

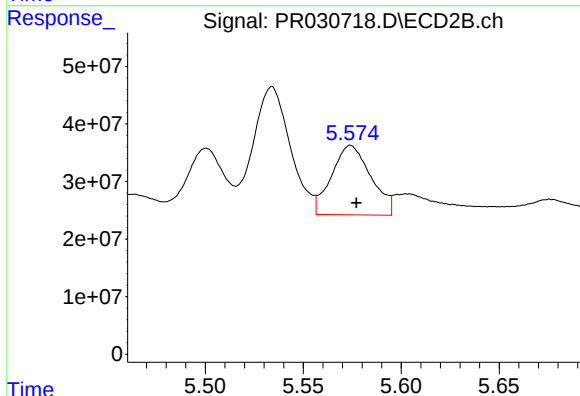
R.T.: 5.534 min  
Delta R.T.: -0.003 min  
Response: 292897246  
Conc: 468.44 ng/ml



#15 AR-1232-5

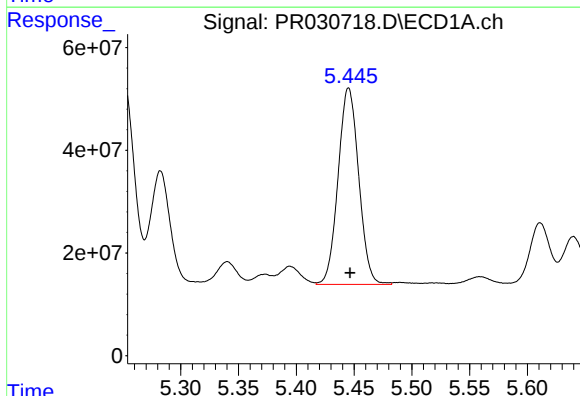
R.T.: 6.328 min  
Delta R.T.: -0.003 min  
Response: 426903499  
Conc: 1832.85 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



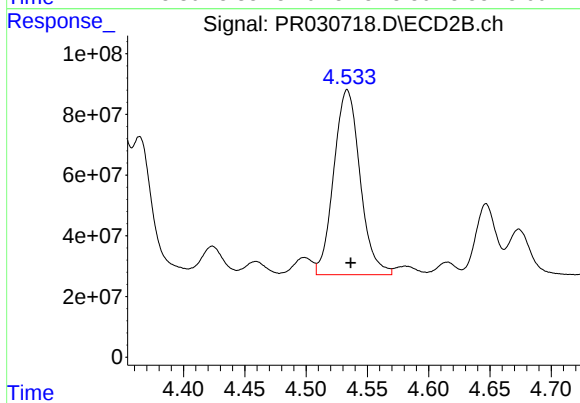
#15 AR-1232-5

R.T.: 5.574 min  
Delta R.T.: -0.003 min  
Response: 168955463  
Conc: 270.20 ng/ml



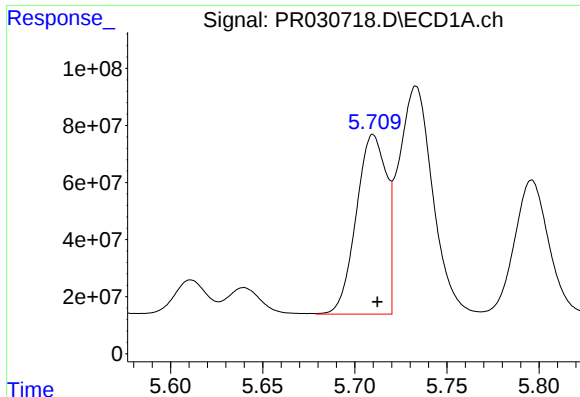
#16 AR-1242-1

R.T.: 5.445 min  
Delta R.T.: -0.001 min  
Response: 475173470  
Conc: 1066.01 ng/ml



#16 AR-1242-1

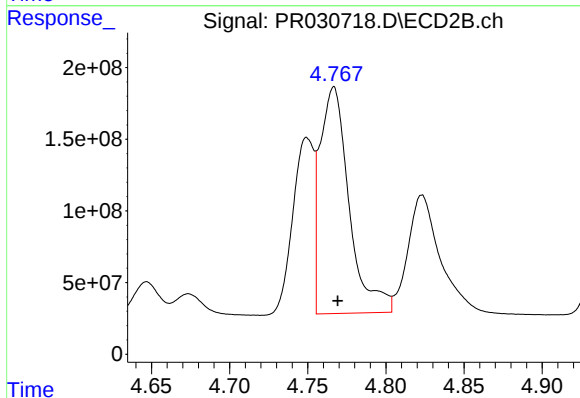
R.T.: 4.534 min  
Delta R.T.: -0.003 min  
Response: 909406500  
Conc: 1027.49 ng/ml



#17 AR-1242-2

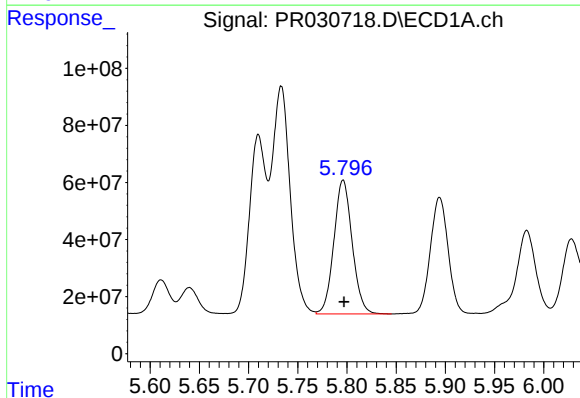
R.T.: 5.710 min  
Delta R.T.: -0.002 min  
Response: 717179858  
Conc: 1073.74 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



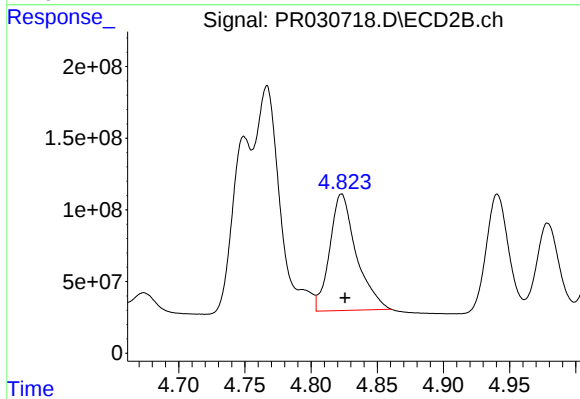
#17 AR-1242-2

R.T.: 4.767 min  
Delta R.T.: -0.003 min  
Response: 2056695635  
Conc: 938.38 ng/ml



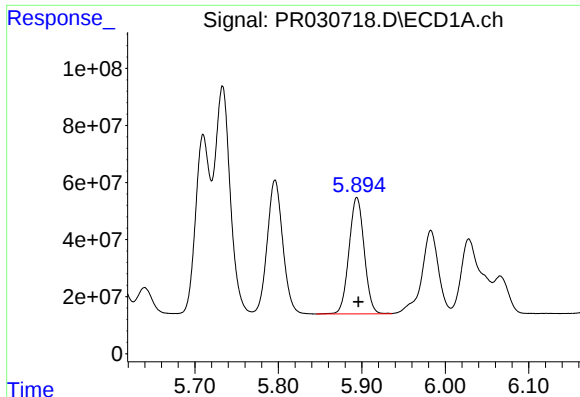
#18 AR-1242-3

R.T.: 5.796 min  
Delta R.T.: -0.001 min  
Response: 608079497  
Conc: 1077.50 ng/ml



#18 AR-1242-3

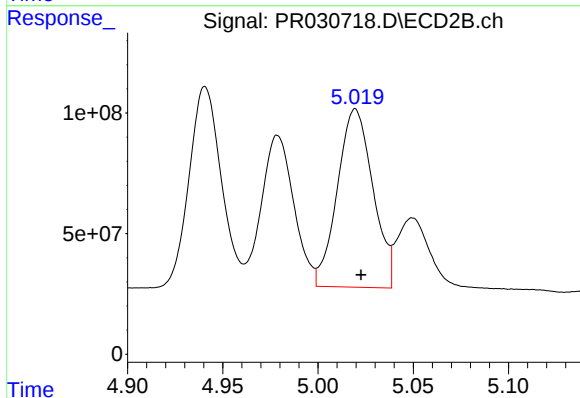
R.T.: 4.823 min  
Delta R.T.: -0.003 min  
Response: 1137601050  
Conc: 860.49 ng/ml



#19 AR-1242-4

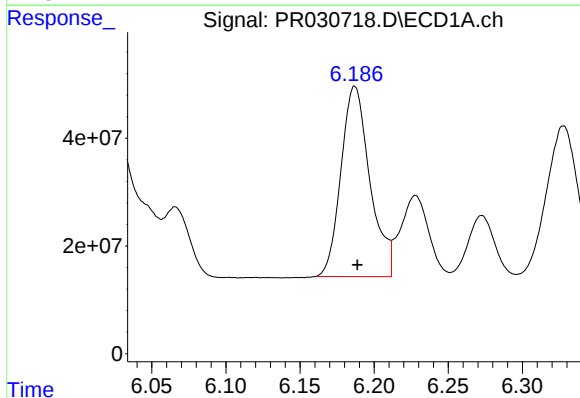
R.T.: 5.894 min  
Delta R.T.: -0.002 min  
Response: 516803913  
Conc: 1074.88 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



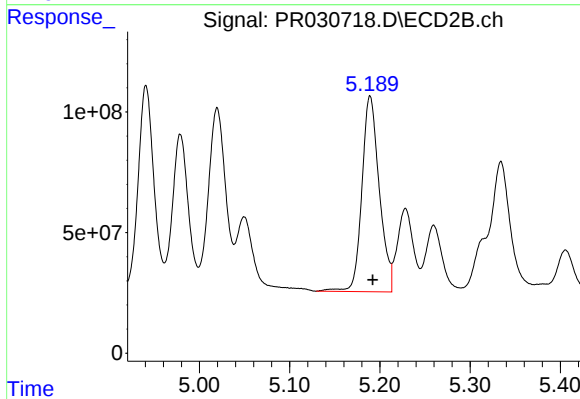
#19 AR-1242-4

R.T.: 5.020 min  
Delta R.T.: -0.003 min  
Response: 961517181  
Conc: 938.81 ng/ml



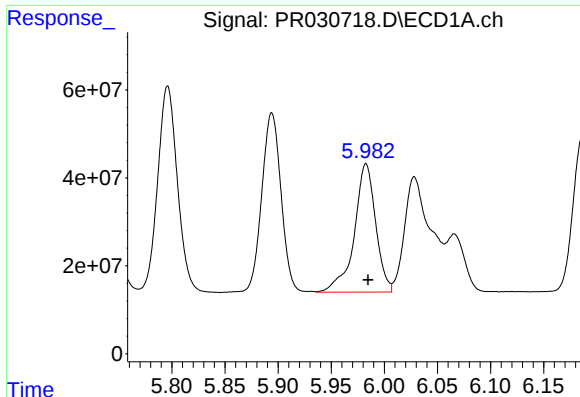
#20 AR-1242-5

R.T.: 6.187 min  
Delta R.T.: -0.002 min  
Response: 480965588  
Conc: 1020.87 ng/ml



#20 AR-1242-5

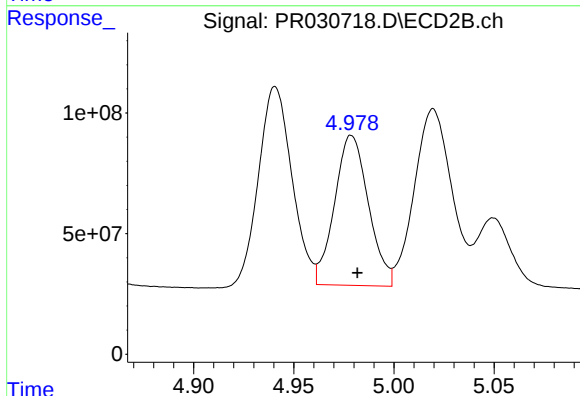
R.T.: 5.189 min  
Delta R.T.: -0.003 min  
Response: 1085849246  
Conc: 964.08 ng/ml



#21 AR-1248-1

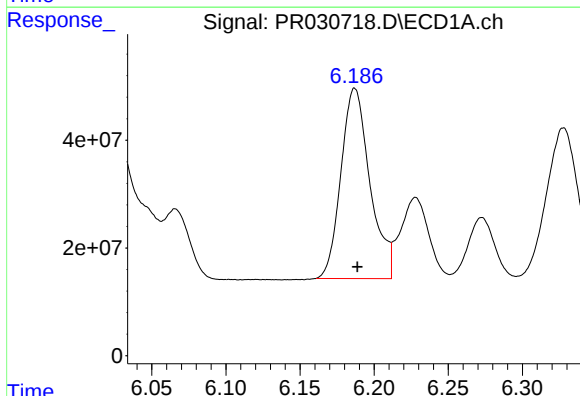
R.T.: 5.983 min  
Delta R.T.: -0.002 min  
Response: 409623468  
Conc: 624.23 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



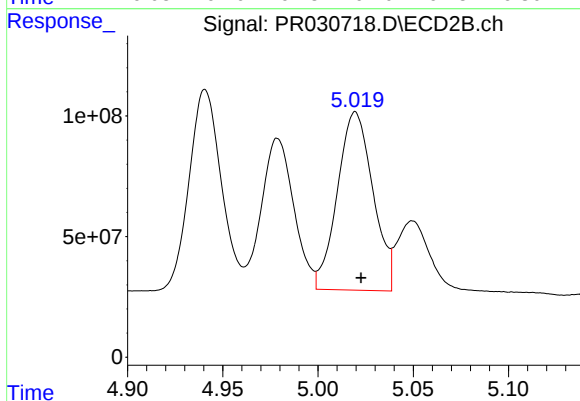
#21 AR-1248-1

R.T.: 4.979 min  
Delta R.T.: -0.003 min  
Response: 732286978  
Conc: 542.24 ng/ml



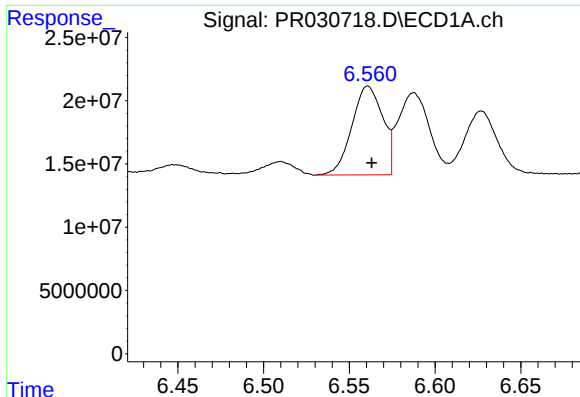
#22 AR-1248-2

R.T.: 6.187 min  
Delta R.T.: -0.002 min  
Response: 480965588  
Conc: 652.68 ng/ml



#22 AR-1248-2

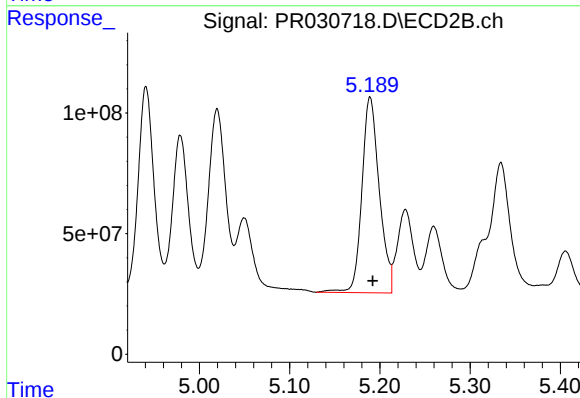
R.T.: 5.020 min  
Delta R.T.: -0.003 min  
Response: 961517181  
Conc: 683.37 ng/ml



#23 AR-1248-3

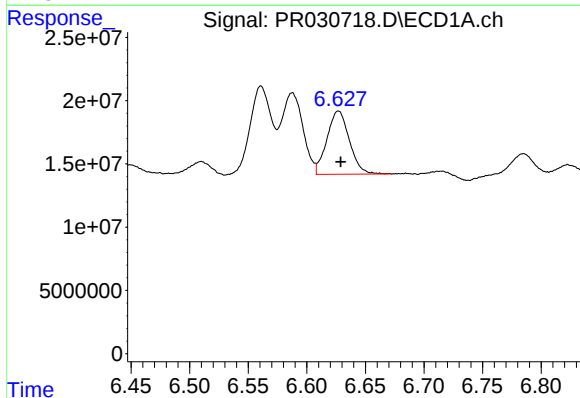
R.T.: 6.561 min  
Delta R.T.: -0.002 min  
Response: 87700357  
Conc: 131.61 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



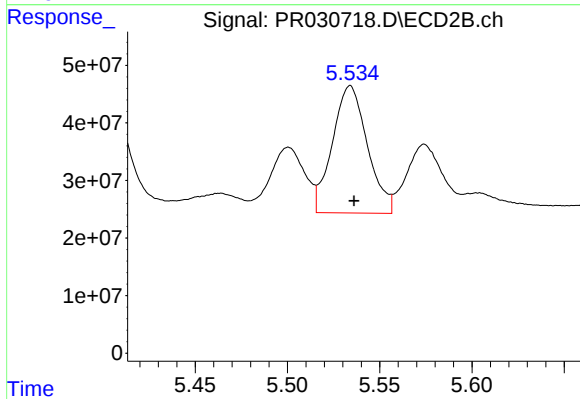
#23 AR-1248-3

R.T.: 5.189 min  
Delta R.T.: -0.003 min  
Response: 1085849246  
Conc: 623.66 ng/ml



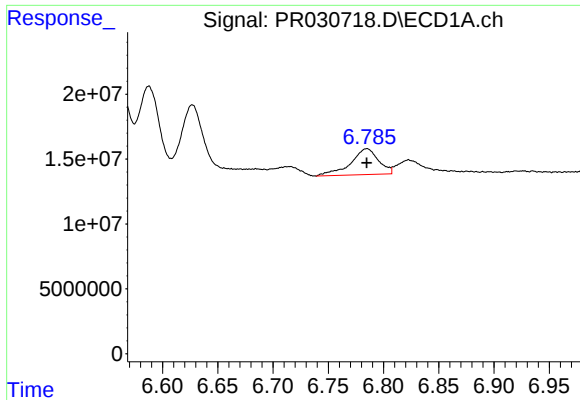
#24 AR-1248-4

R.T.: 6.627 min  
Delta R.T.: -0.002 min  
Response: 66599753  
Conc: 77.71 ng/ml



#24 AR-1248-4

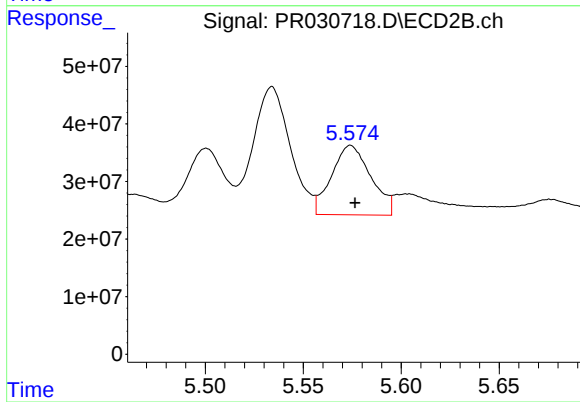
R.T.: 5.534 min  
Delta R.T.: -0.002 min  
Response: 292897246  
Conc: 108.68 ng/ml



#25 AR-1248-5

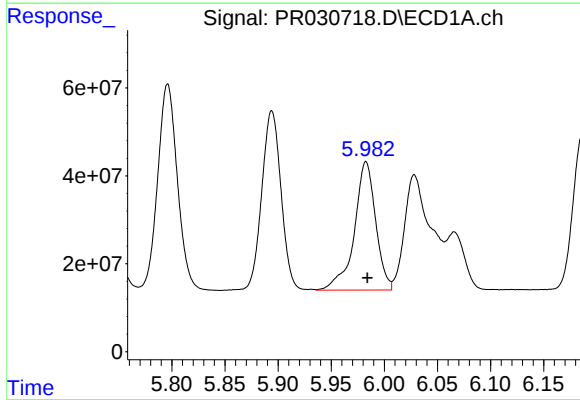
R.T.: 6.785 min  
Delta R.T.: 0.000 min  
Response: 35336808  
Conc: 39.98 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



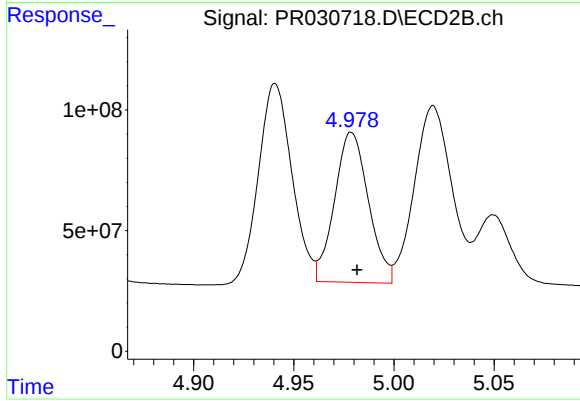
#25 AR-1248-5

R.T.: 5.574 min  
Delta R.T.: -0.002 min  
Response: 168955463  
Conc: 87.29 ng/ml



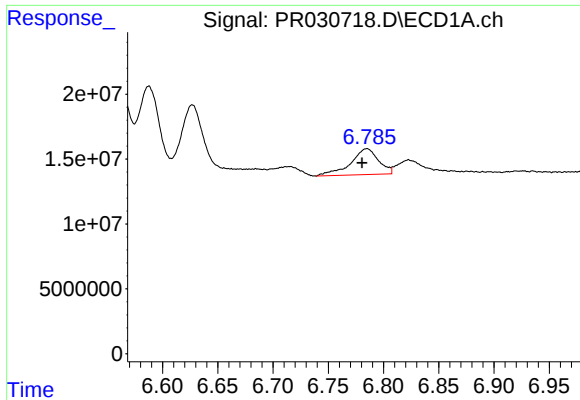
#26 AR-1254-1

R.T.: 5.983 min  
Delta R.T.: -0.001 min  
Response: 409623468  
Conc: 861.49 ng/ml



#26 AR-1254-1

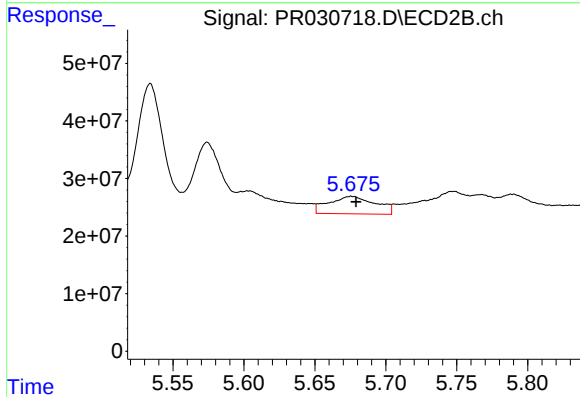
R.T.: 4.979 min  
Delta R.T.: -0.003 min  
Response: 732286978  
Conc: 716.48 ng/ml



#27 AR-1254-2

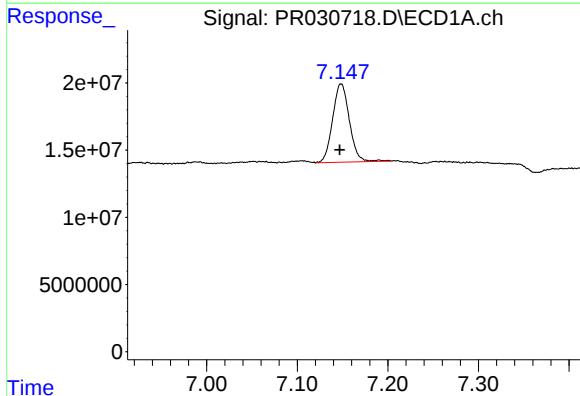
R.T.: 6.785 min  
Delta R.T.: 0.004 min  
Response: 35336808  
Conc: 23.67 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



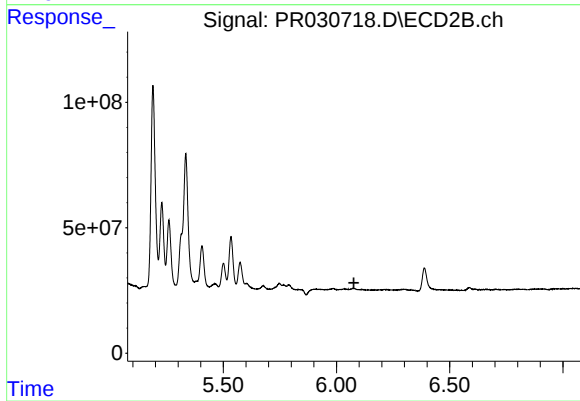
#27 AR-1254-2

R.T.: 5.676 min  
Delta R.T.: -0.003 min  
Response: 69521352  
Conc: 26.48 ng/ml



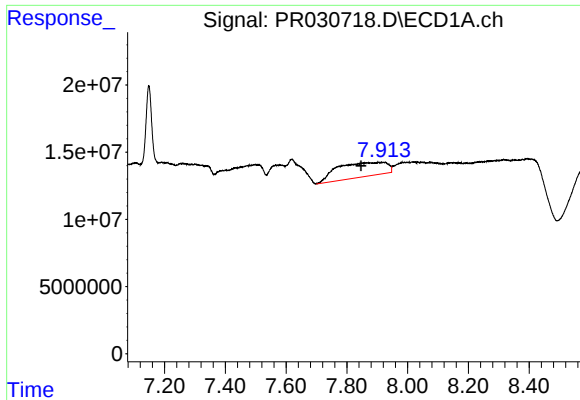
#28 AR-1254-3

R.T.: 7.148 min  
Delta R.T.: 0.002 min  
Response: 74816779  
Conc: 48.86 ng/ml



#28 AR-1254-3

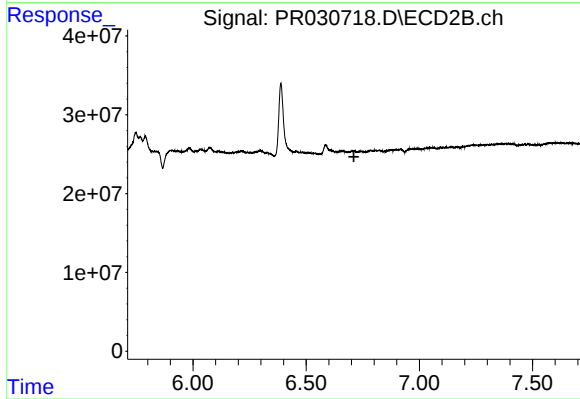
R.T.: 0.000 min  
Exp R.T.: 6.077 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

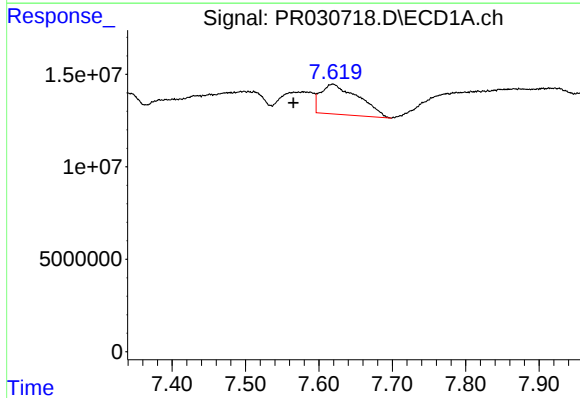
R.T.: 7.905 min  
Delta R.T.: 0.057 min  
Response: 121019875  
Conc: 90.26 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



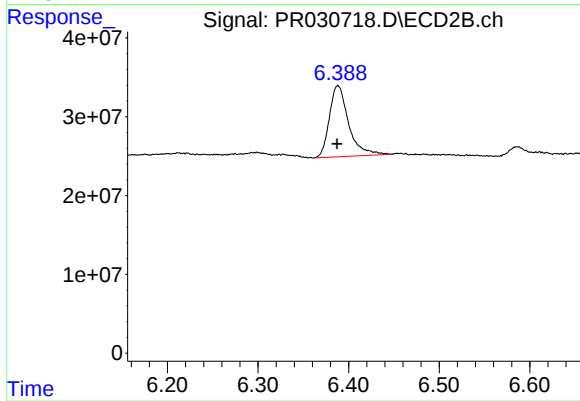
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 6.711 min  
Response: 0  
Conc: N.D.



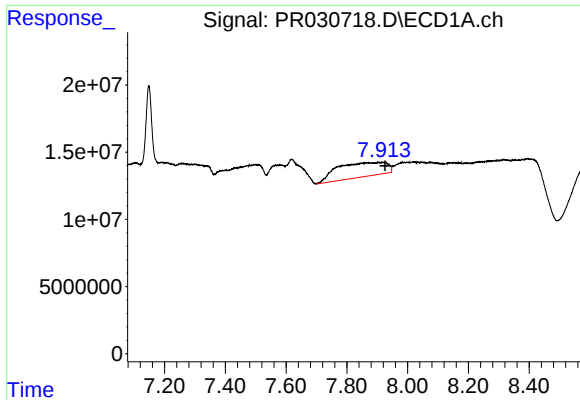
#32 AR-1260-2

R.T.: 7.619 min  
Delta R.T.: 0.054 min  
Response: 58011514  
Conc: 38.12 ng/ml



#32 AR-1260-2

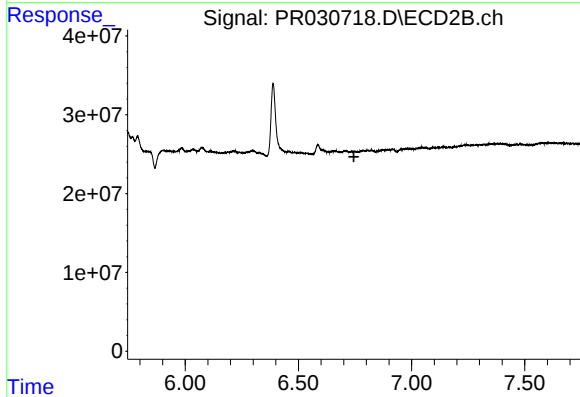
R.T.: 6.388 min  
Delta R.T.: 0.001 min  
Response: 132951573  
Conc: 43.73 ng/ml



#33 AR-1260-3

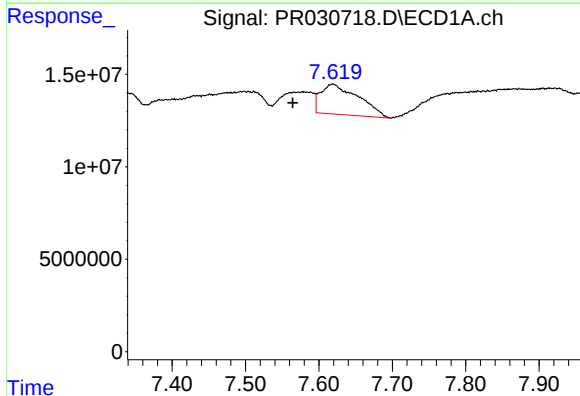
R.T.: 7.905 min  
Delta R.T.: -0.020 min  
Response: 121019875  
Conc: 97.09 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



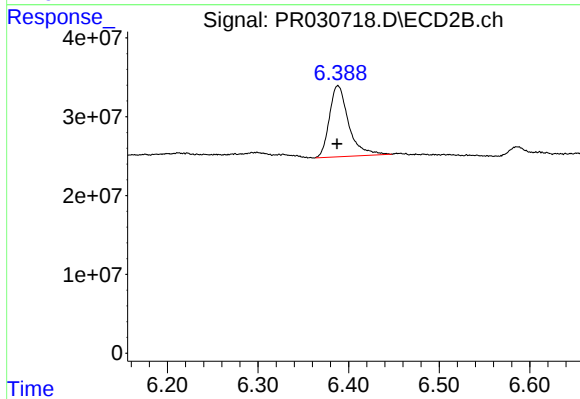
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.745 min  
Response: 0  
Conc: N.D.



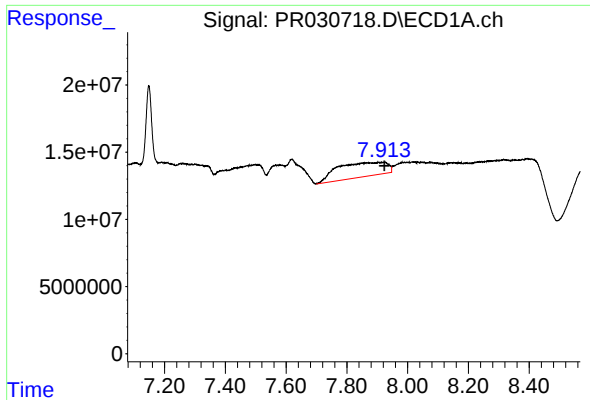
#37 AR-1262-2

R.T.: 7.619 min  
Delta R.T.: 0.055 min  
Response: 58011514  
Conc: 42.30 ng/ml



#37 AR-1262-2

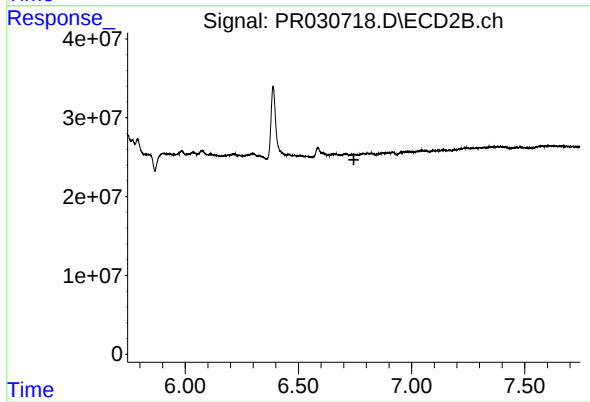
R.T.: 6.388 min  
Delta R.T.: 0.001 min  
Response: 132951573  
Conc: 47.56 ng/ml



#38 AR-1262-3

R.T.: 7.905 min  
Delta R.T.: -0.018 min  
Response: 121019875  
Conc: 60.03 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 6.745 min  
Response: 0  
Conc: N.D.