

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102023\  
 Data File : PP061141.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2023 18:30  
 Operator : YP\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 20 18:56:38 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP101323.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Oct 14 13:32:01 2023  
 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... | 4.558  | 3.693 | 114.1E6  | 66077905 | 51.917   | 48.874    |
| 2)                          | SA Decachlor... | 10.529 | 8.765 | 86574138 | 64331644 | 55.284   | 42.787    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 5.750  | 0.000 | 3826730  | 0        | 53.305   | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.750  | 0.000 | 3826730  | 0        | 37.308   | N.D. #    |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.996 | 0        | 569954   | N.D.     | 14.105 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.033 | 0        | 14585972 | N.D.     | 450.934 # |
| 7)                          | L1 AR-1016-5    | 6.237  | 5.248 | 15535249 | 8594255  | 307.270  | 205.834 # |
| 9)                          | L2 AR-1221-2    | 4.871f | 3.998 | 791431   | 866196   | 38.106   | 58.965 #  |
| 13)                         | L3 AR-1232-3    | 5.780  | 4.996 | 3168603  | 569954   | 67.520   | 30.757 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.074 | 0        | 5222808  | N.D.     | 310.907 # |
| 15)                         | L3 AR-1232-5    | 6.029  | 5.248 | 23833708 | 8594255  | 1222.960 | 457.512 # |
| 16)                         | L4 AR-1242-1    | 5.750  | 0.000 | 3826730  | 0        | 68.118   | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.780  | 0.000 | 3168603  | 0        | 39.832   | N.D. #    |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.996 | 0        | 569954   | N.D.     | 18.347 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.074 | 0        | 5222808  | N.D.     | 166.236 # |
| 20)                         | L4 AR-1242-5    | 6.690  | 5.604 | 10679094 | 34122882 | 263.187  | 872.707 # |
| 21)                         | L5 AR-1248-1    | 5.750  | 0.000 | 3826730  | 0        | 88.132   | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.029  | 5.033 | 23833708 | 14585972 | 368.600  | 332.958   |
| 23)                         | L5 AR-1248-3    | 6.237  | 5.074 | 15535249 | 5222808  | 221.252  | 112.670 # |
| 24)                         | L5 AR-1248-4    | 6.646  | 5.248 | 15984365 | 8594255  | 209.201  | 155.469 # |
| 25)                         | L5 AR-1248-5    | 6.690  | 5.645 | 10679094 | 3714304  | 144.717  | 71.248 #  |
| 26)                         | L6 AR-1254-1    | 6.620  | 5.604 | 37224980 | 34122882 | 470.672  | 441.656   |
| 27)                         | L6 AR-1254-2    | 6.842  | 5.753 | 56629542 | 30553606 | 475.368  | 440.976   |
| 28)                         | L6 AR-1254-3    | 7.213  | 6.160 | 57666987 | 49409798 | 471.366  | 436.670   |
| 29)                         | L6 AR-1254-4    | 7.502  | 6.390 | 42762436 | 28934245 | 485.829  | 421.112   |
| 30)                         | L6 AR-1254-5    | 7.926  | 6.812 | 55028105 | 46786706 | 554.159  | 437.384   |
| 31)                         | L7 AR-1260-1    | 7.380  | 6.292 | 24942411 | 24646134 | 266.463  | 297.836   |
| 32)                         | L7 AR-1260-2    | 7.638  | 6.480 | 30286195 | 19906564 | 278.962  | 202.153 # |
| 33)                         | L7 AR-1260-3    | 7.988  | 6.635 | 17193138 | 21408632 | 247.377  | 226.384   |
| 34)                         | L7 AR-1260-4    | 8.223  | 7.111 | 31286256 | 2409235  | 366.748  | 33.614 #  |
| 35)                         | L7 AR-1260-5    | 8.574  | 7.353 | 18504414 | 5464130  | 114.690  | 32.579 #  |
| 36)                         | L8 AR-1262-1    | 7.988  | 6.902 | 17193138 | 1421589  | 136.884  | 29.821 #  |
| 37)                         | L8 AR-1262-2    | 8.574  | 7.111 | 18504414 | 2409235  | 83.634   | 22.874 #  |
| 38)                         | L8 AR-1262-3    | 8.923f | 7.644 | 16863557 | 661953   | 112.295  | 7.907 #   |
| 39)                         | L8 AR-1262-4    | 8.977  | 7.702 | 6818302  | 6215084  | 60.284   | 41.101 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.204 | 0        | 311646   | N.D.     | 4.403 #   |
| 41)                         | L9 AR-1268-1    | 8.923f | 7.644 | 16863557 | 661953   | 64.717   | 2.759 #   |
| 42)                         | L9 AR-1268-2    | 8.977f | 7.702 | 6818302  | 6215084  | 29.080   | 28.967    |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.204 | 0        | 311646   | N.D.     | 4.067 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.506 | 0        | 358772   | N.D.     | 0.650 #   |
| -----                       |                 |        |       |          |          |          |           |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP102023\  
Data File : PP061141.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Oct 2023 18:30  
Operator : YP\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

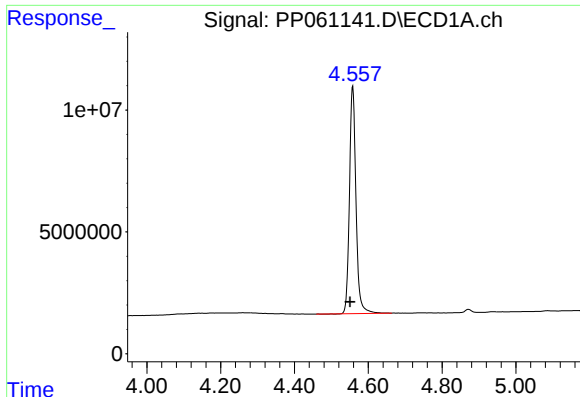
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 20 18:56:38 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP101323.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Oct 14 13:32:01 2023  
Response via : Initial Calibration  
Integrator: 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 |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

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

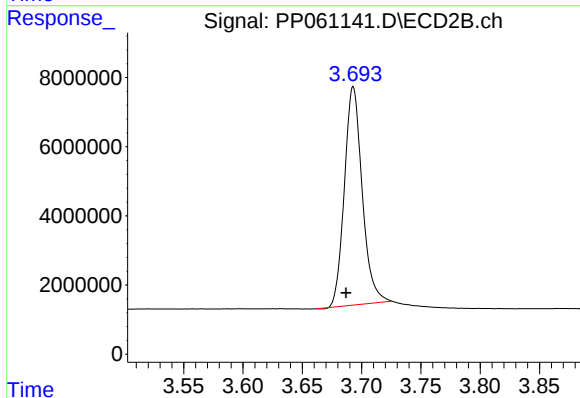




#1 Tetrachloro-m-xylene

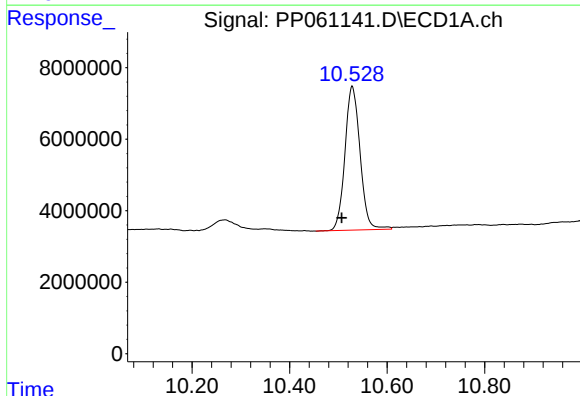
R.T.: 4.558 min  
Delta R.T.: 0.007 min  
Response: 114129872  
Conc: 51.92 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



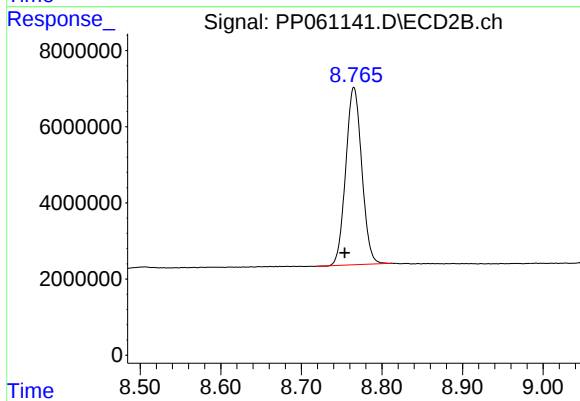
#1 Tetrachloro-m-xylene

R.T.: 3.693 min  
Delta R.T.: 0.006 min  
Response: 66077905  
Conc: 48.87 ng/ml



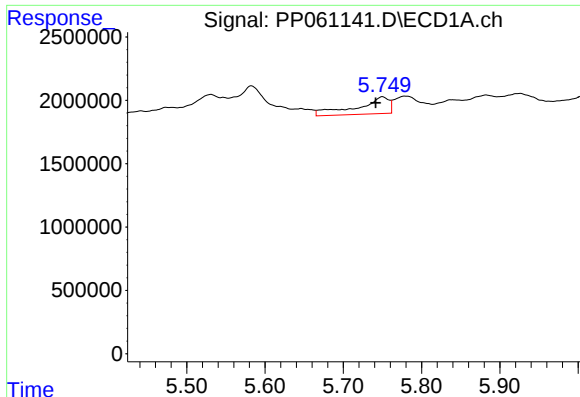
#2 Decachlorobiphenyl

R.T.: 10.529 min  
Delta R.T.: 0.021 min  
Response: 86574138  
Conc: 55.28 ng/ml



#2 Decachlorobiphenyl

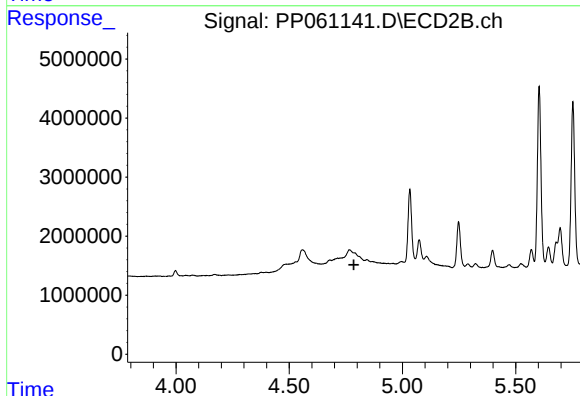
R.T.: 8.765 min  
Delta R.T.: 0.011 min  
Response: 64331644  
Conc: 42.79 ng/ml



#3 AR-1016-1

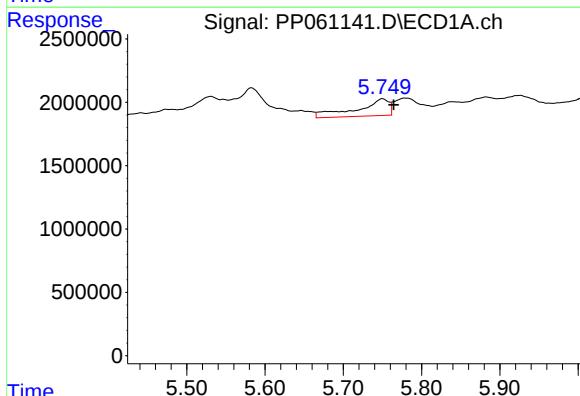
R.T.: 5.750 min  
Delta R.T.: 0.009 min  
Response: 3826730  
Conc: 53.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



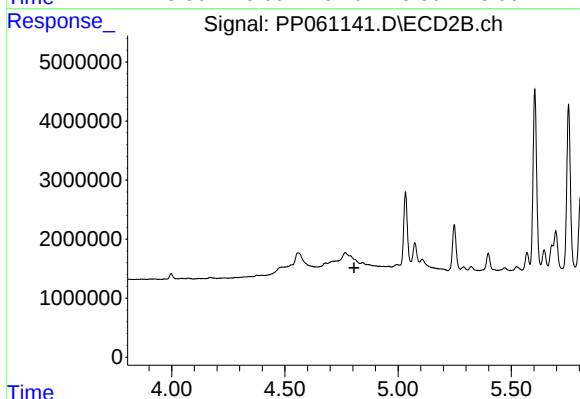
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.786 min  
Response: 0  
Conc: N.D.



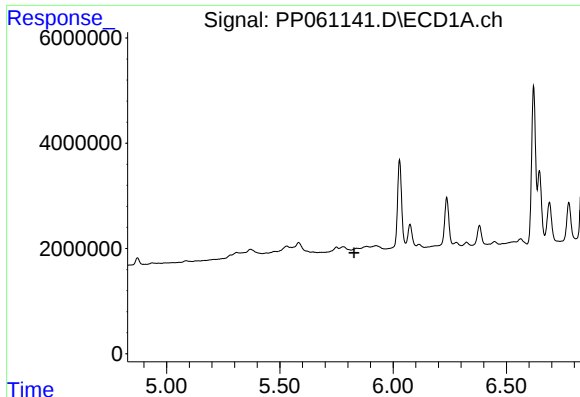
#4 AR-1016-2

R.T.: 5.750 min  
Delta R.T.: -0.014 min  
Response: 3826730  
Conc: 37.31 ng/ml



#4 AR-1016-2

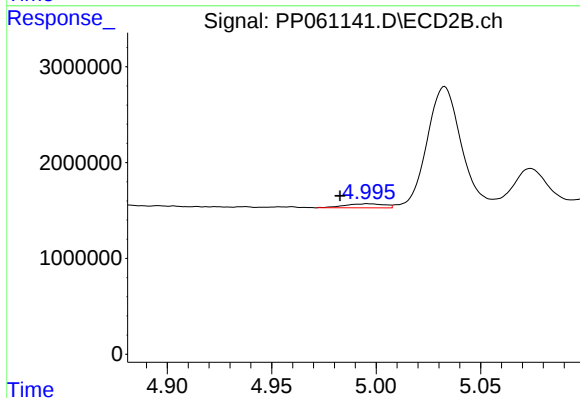
R.T.: 0.000 min  
Exp R.T. : 4.805 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

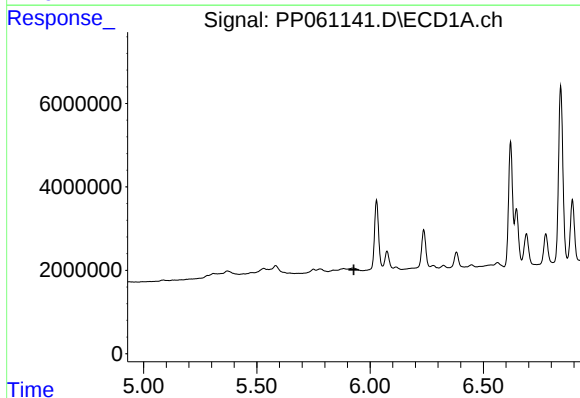
R.T.: 0.000 min  
Exp R.T.: 5.828 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



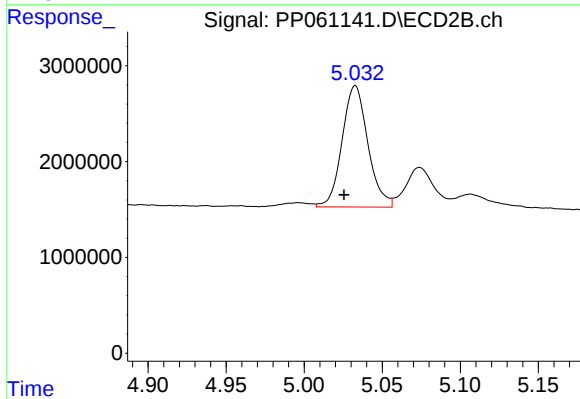
#5 AR-1016-3

R.T.: 4.996 min  
Delta R.T.: 0.013 min  
Response: 569954  
Conc: 14.11 ng/ml



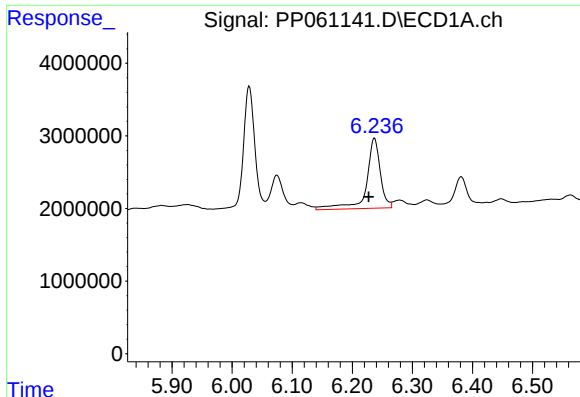
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.928 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

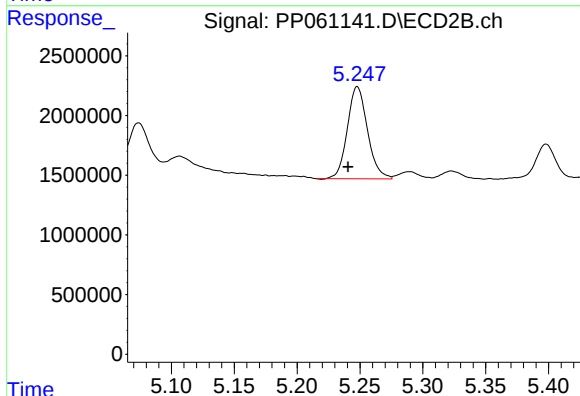
R.T.: 5.033 min  
Delta R.T.: 0.007 min  
Response: 14585972  
Conc: 450.93 ng/ml



#7 AR-1016-5

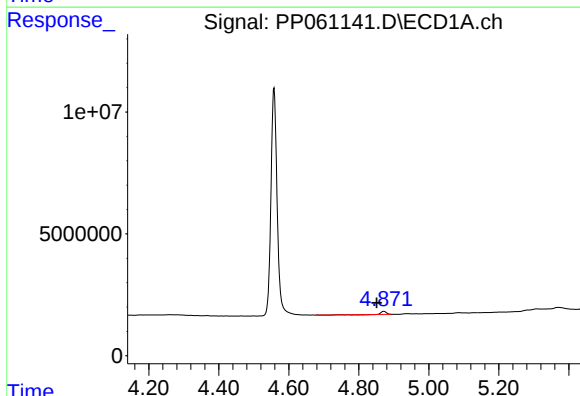
R.T.: 6.237 min  
Delta R.T.: 0.010 min  
Response: 15535249  
Conc: 307.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



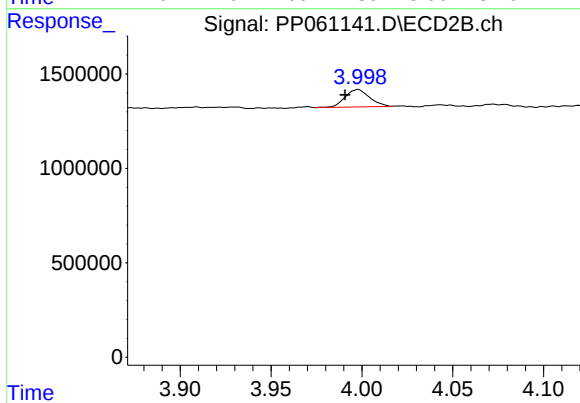
#7 AR-1016-5

R.T.: 5.248 min  
Delta R.T.: 0.007 min  
Response: 8594255  
Conc: 205.83 ng/ml



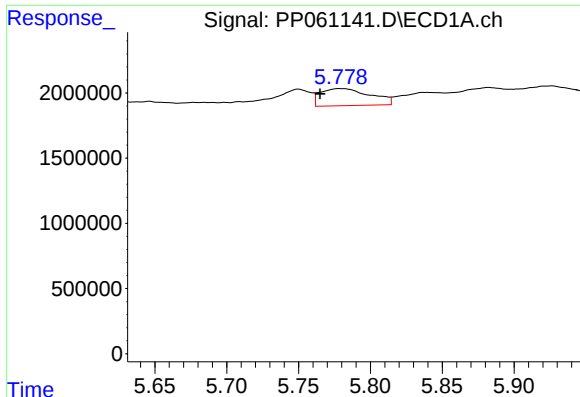
#9 AR-1221-2

R.T.: 4.871 min  
Delta R.T.: 0.020 min  
Response: 791431  
Conc: 38.11 ng/ml



#9 AR-1221-2

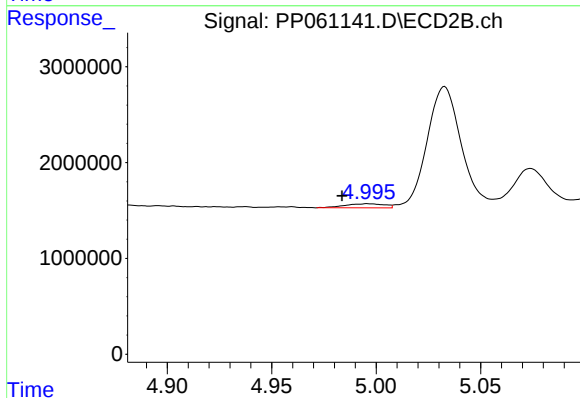
R.T.: 3.998 min  
Delta R.T.: 0.007 min  
Response: 866196  
Conc: 58.97 ng/ml



#13 AR-1232-3

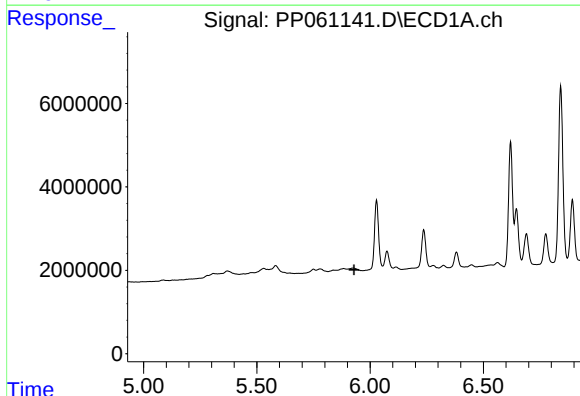
R.T.: 5.780 min  
Delta R.T.: 0.015 min  
Response: 3168603  
Conc: 67.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



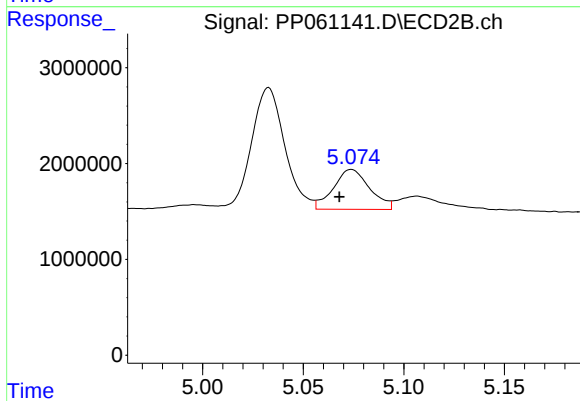
#13 AR-1232-3

R.T.: 4.996 min  
Delta R.T.: 0.012 min  
Response: 569954  
Conc: 30.76 ng/ml



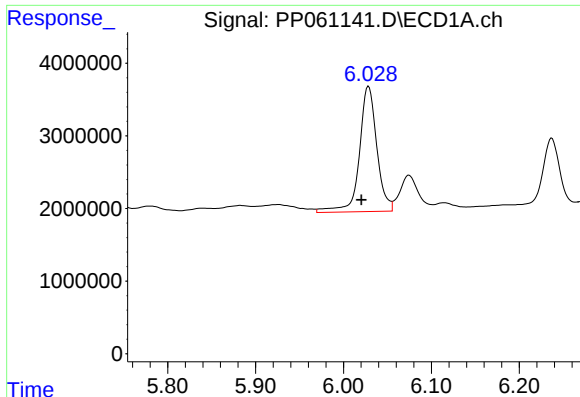
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.929 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

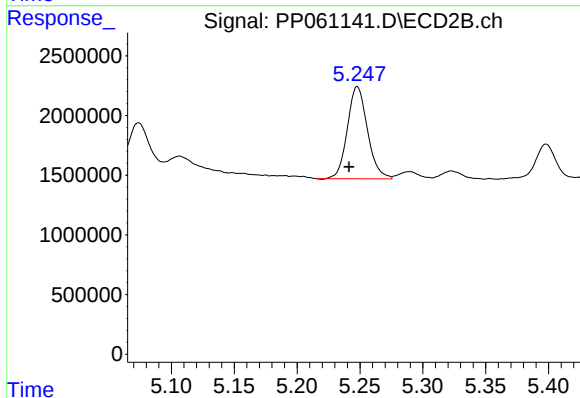
R.T.: 5.074 min  
Delta R.T.: 0.006 min  
Response: 5222808  
Conc: 310.91 ng/ml



#15 AR-1232-5

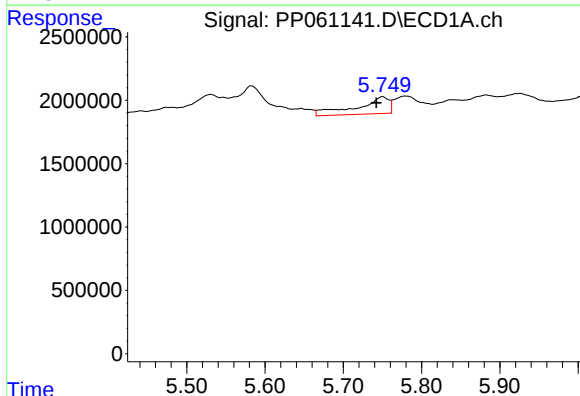
R.T.: 6.029 min  
Delta R.T.: 0.008 min  
Response: 23833708  
Conc: 1222.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



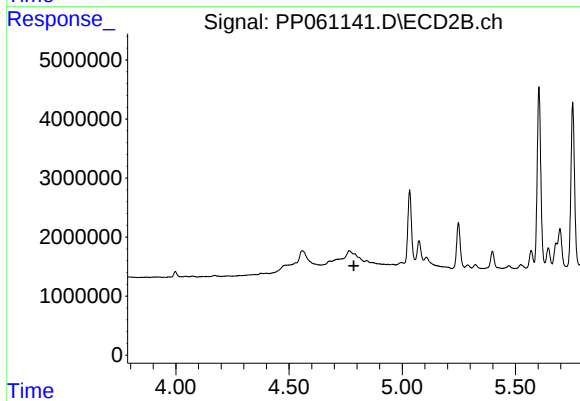
#15 AR-1232-5

R.T.: 5.248 min  
Delta R.T.: 0.006 min  
Response: 8594255  
Conc: 457.51 ng/ml



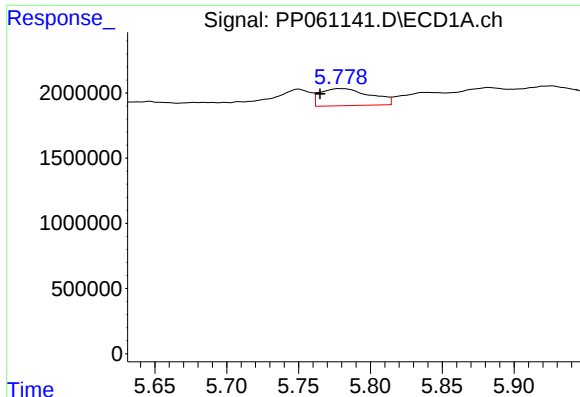
#16 AR-1242-1

R.T.: 5.750 min  
Delta R.T.: 0.008 min  
Response: 3826730  
Conc: 68.12 ng/ml



#16 AR-1242-1

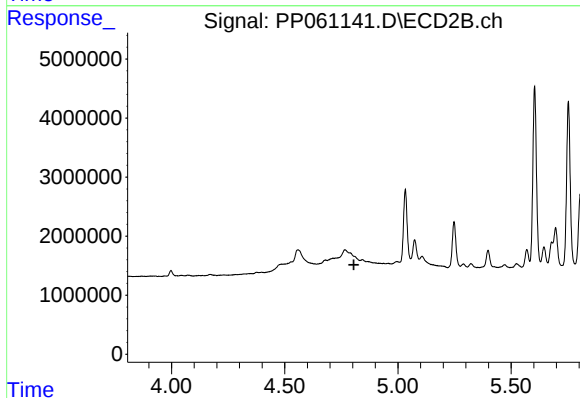
R.T.: 0.000 min  
Exp R.T. : 4.786 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

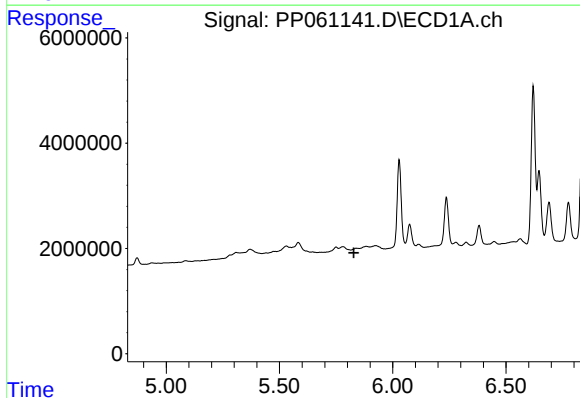
R.T.: 5.780 min  
Delta R.T.: 0.015 min  
Response: 3168603  
Conc: 39.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



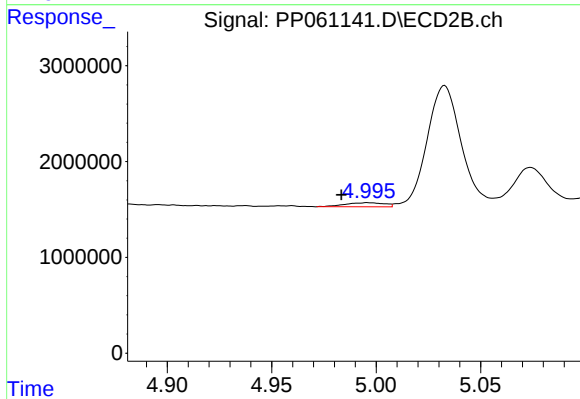
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.806 min  
Response: 0  
Conc: N.D.



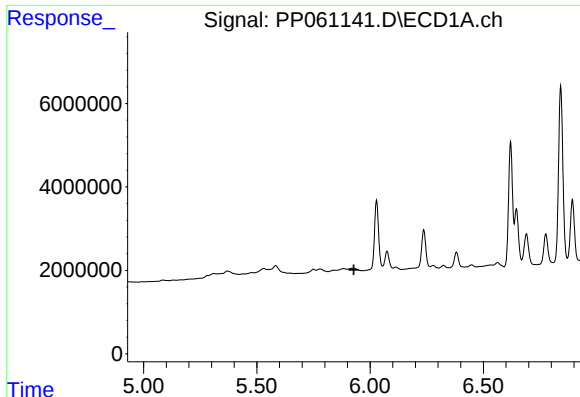
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.828 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

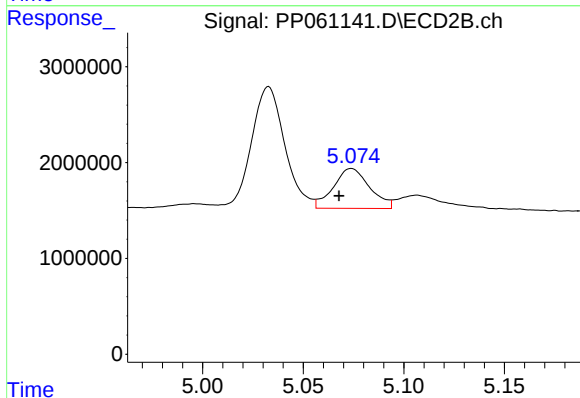
R.T.: 4.996 min  
Delta R.T.: 0.012 min  
Response: 569954  
Conc: 18.35 ng/ml



#19 AR-1242-4

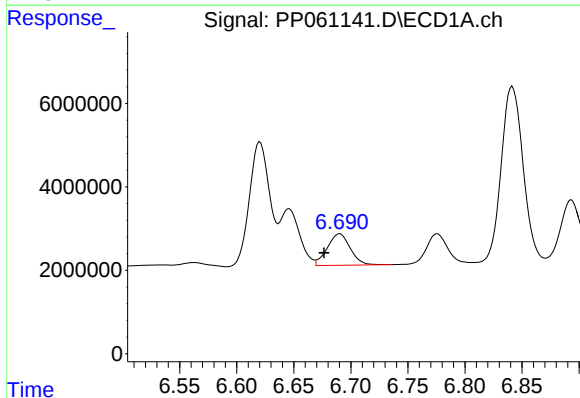
R.T.: 0.000 min  
Exp R.T.: 5.928 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



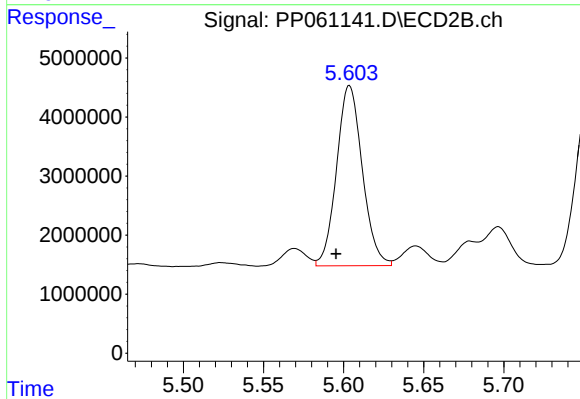
#19 AR-1242-4

R.T.: 5.074 min  
Delta R.T.: 0.006 min  
Response: 5222808  
Conc: 166.24 ng/ml



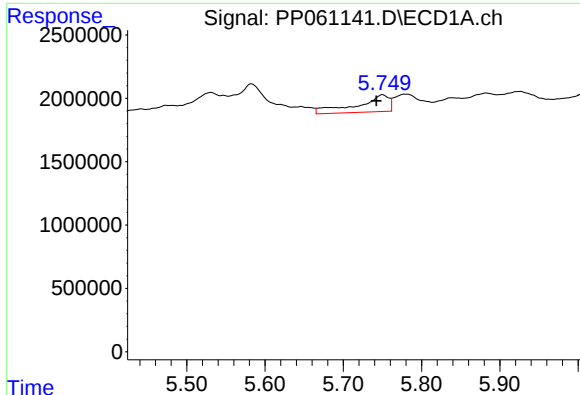
#20 AR-1242-5

R.T.: 6.690 min  
Delta R.T.: 0.014 min  
Response: 10679094  
Conc: 263.19 ng/ml



#20 AR-1242-5

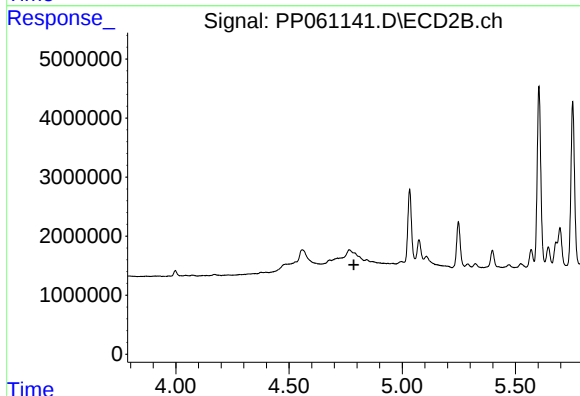
R.T.: 5.604 min  
Delta R.T.: 0.008 min  
Response: 34122882  
Conc: 872.71 ng/ml



#21 AR-1248-1

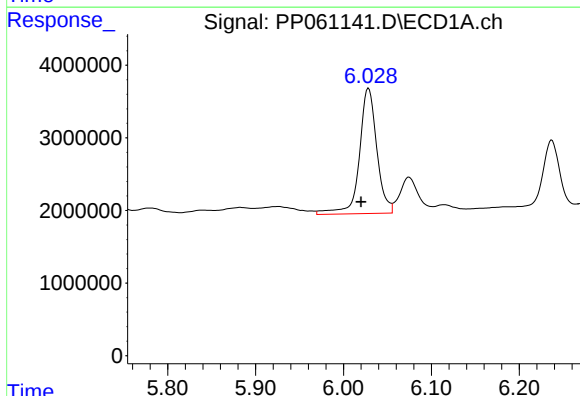
R.T.: 5.750 min  
Delta R.T.: 0.008 min  
Response: 3826730  
Conc: 88.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



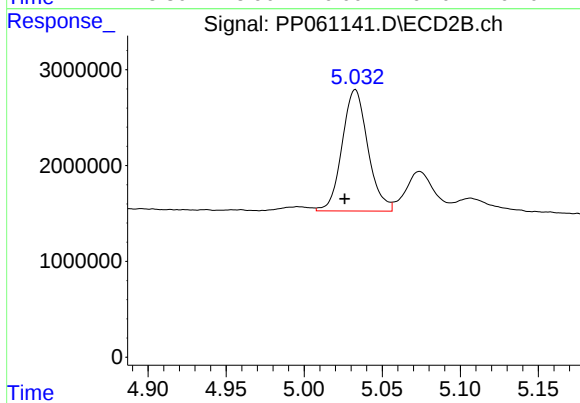
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.787 min  
Response: 0  
Conc: N.D.



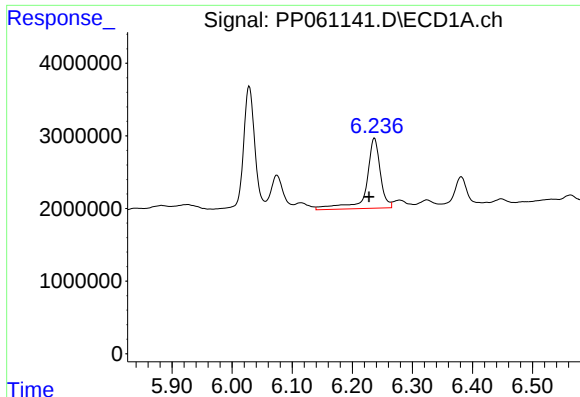
#22 AR-1248-2

R.T.: 6.029 min  
Delta R.T.: 0.008 min  
Response: 23833708  
Conc: 368.60 ng/ml



#22 AR-1248-2

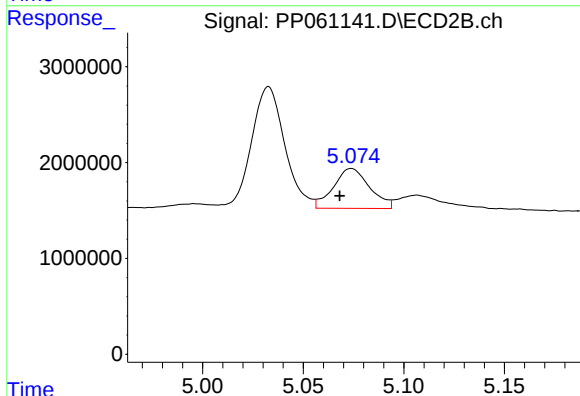
R.T.: 5.033 min  
Delta R.T.: 0.007 min  
Response: 14585972  
Conc: 332.96 ng/ml



#23 AR-1248-3

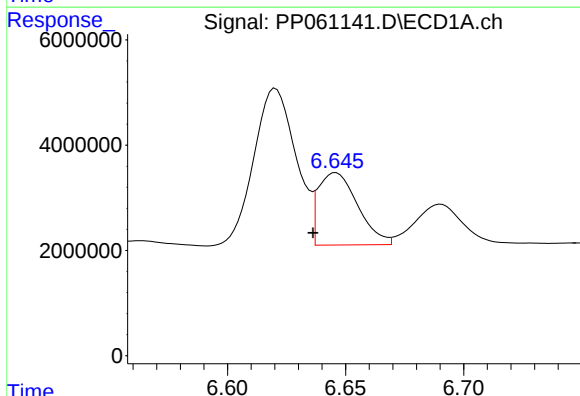
R.T.: 6.237 min  
Delta R.T.: 0.009 min  
Response: 15535249  
Conc: 221.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



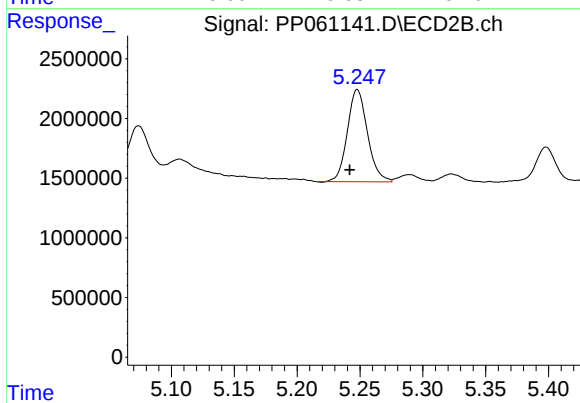
#23 AR-1248-3

R.T.: 5.074 min  
Delta R.T.: 0.006 min  
Response: 5222808  
Conc: 112.67 ng/ml



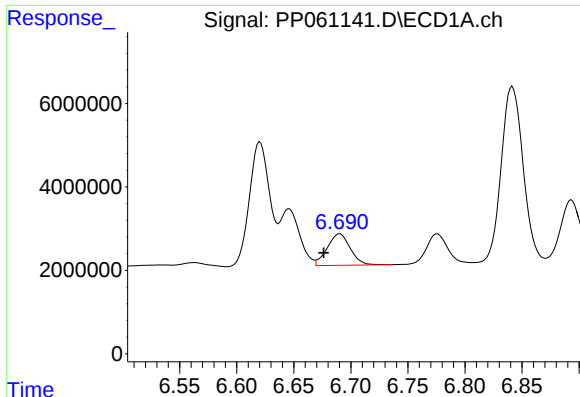
#24 AR-1248-4

R.T.: 6.646 min  
Delta R.T.: 0.010 min  
Response: 15984365  
Conc: 209.20 ng/ml



#24 AR-1248-4

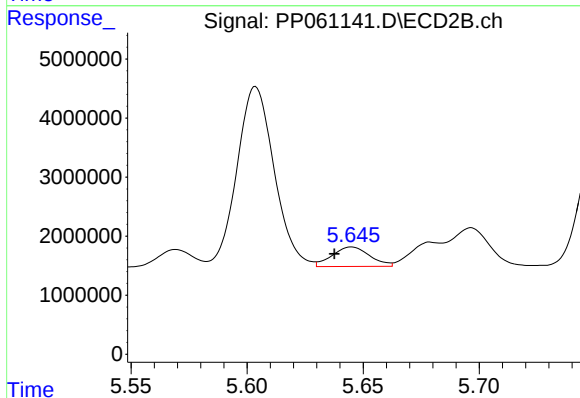
R.T.: 5.248 min  
Delta R.T.: 0.006 min  
Response: 8594255  
Conc: 155.47 ng/ml



#25 AR-1248-5

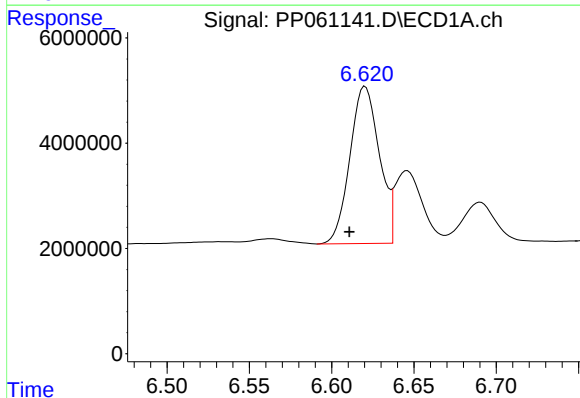
R.T.: 6.690 min  
Delta R.T.: 0.014 min  
Response: 10679094  
Conc: 144.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



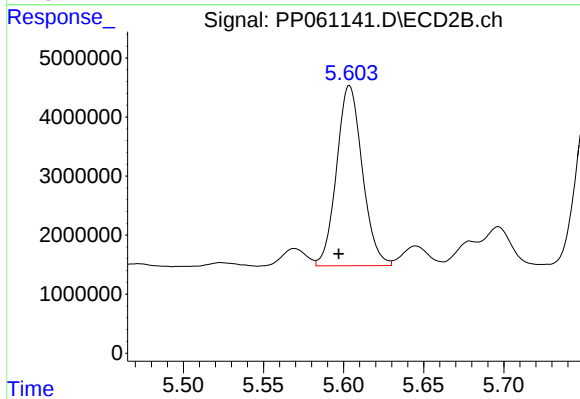
#25 AR-1248-5

R.T.: 5.645 min  
Delta R.T.: 0.007 min  
Response: 3714304  
Conc: 71.25 ng/ml



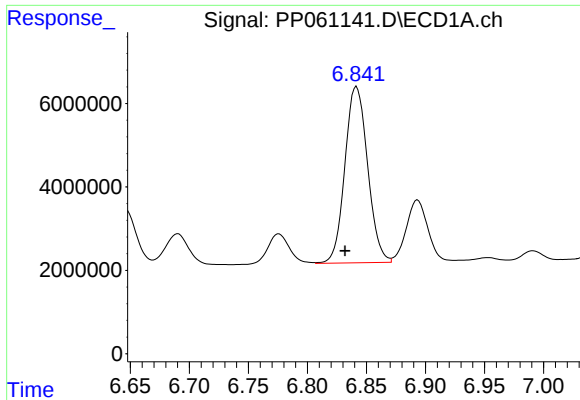
#26 AR-1254-1

R.T.: 6.620 min  
Delta R.T.: 0.010 min  
Response: 37224980  
Conc: 470.67 ng/ml



#26 AR-1254-1

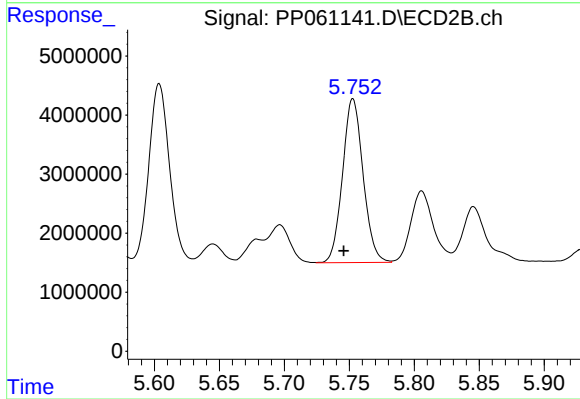
R.T.: 5.604 min  
Delta R.T.: 0.007 min  
Response: 34122882  
Conc: 441.66 ng/ml



#27 AR-1254-2

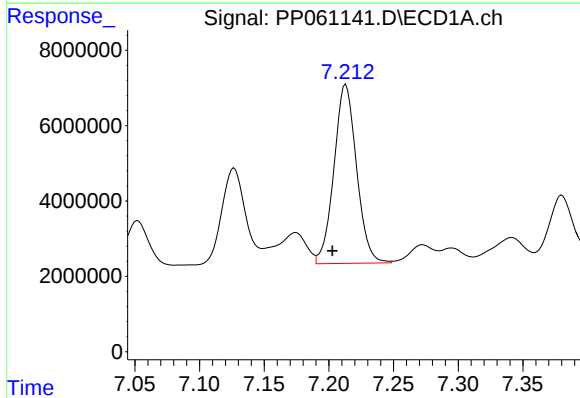
R.T.: 6.842 min  
Delta R.T.: 0.010 min  
Response: 56629542  
Conc: 475.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



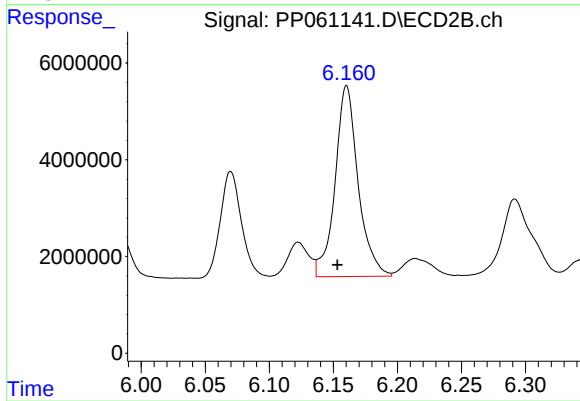
#27 AR-1254-2

R.T.: 5.753 min  
Delta R.T.: 0.007 min  
Response: 30553606  
Conc: 440.98 ng/ml



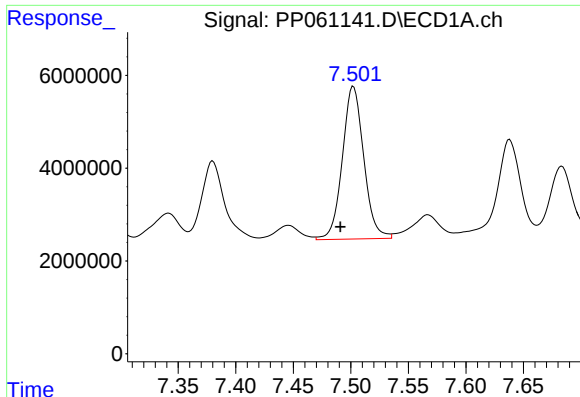
#28 AR-1254-3

R.T.: 7.213 min  
Delta R.T.: 0.010 min  
Response: 57666987  
Conc: 471.37 ng/ml



#28 AR-1254-3

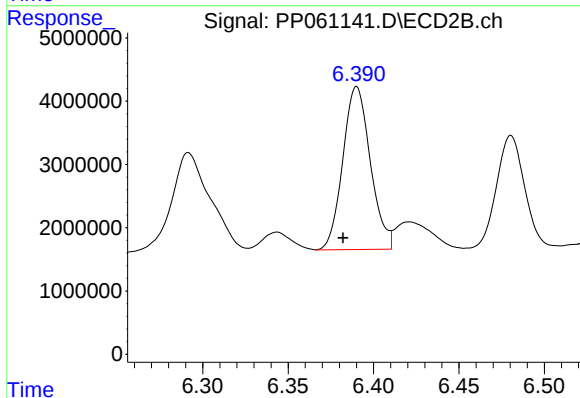
R.T.: 6.160 min  
Delta R.T.: 0.007 min  
Response: 49409798  
Conc: 436.67 ng/ml



#29 AR-1254-4

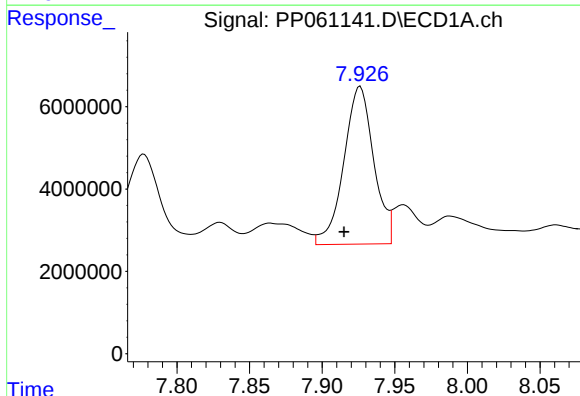
R.T.: 7.502 min  
Delta R.T.: 0.011 min  
Response: 42762436  
Conc: 485.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



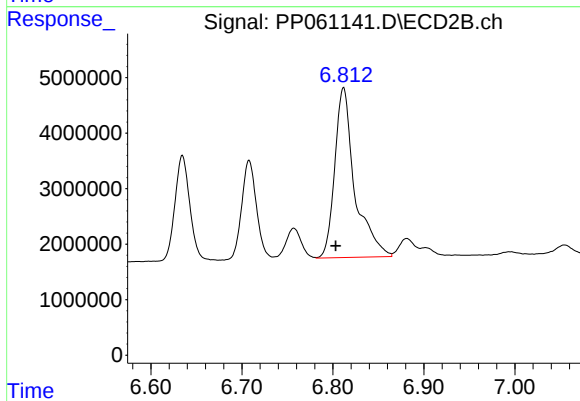
#29 AR-1254-4

R.T.: 6.390 min  
Delta R.T.: 0.008 min  
Response: 28934245  
Conc: 421.11 ng/ml



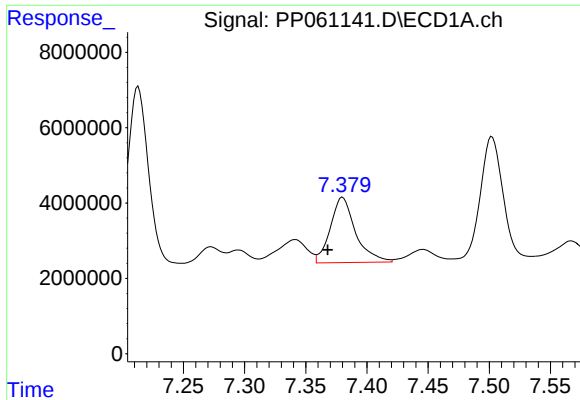
#30 AR-1254-5

R.T.: 7.926 min  
Delta R.T.: 0.011 min  
Response: 55028105  
Conc: 554.16 ng/ml



#30 AR-1254-5

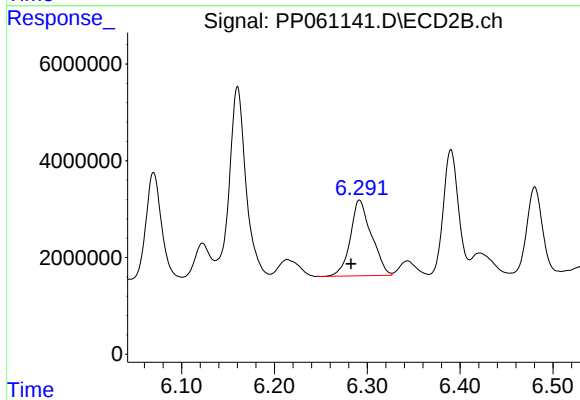
R.T.: 6.812 min  
Delta R.T.: 0.009 min  
Response: 46786706  
Conc: 437.38 ng/ml



#31 AR-1260-1

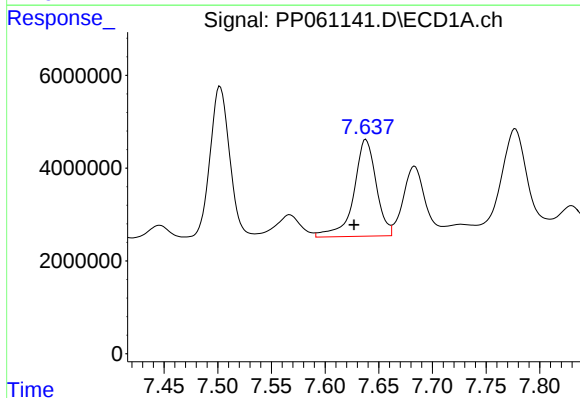
R.T.: 7.380 min  
Delta R.T.: 0.012 min  
Response: 24942411  
Conc: 266.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



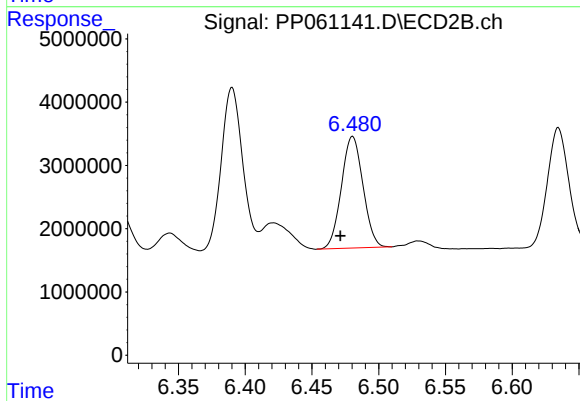
#31 AR-1260-1

R.T.: 6.292 min  
Delta R.T.: 0.009 min  
Response: 24646134  
Conc: 297.84 ng/ml



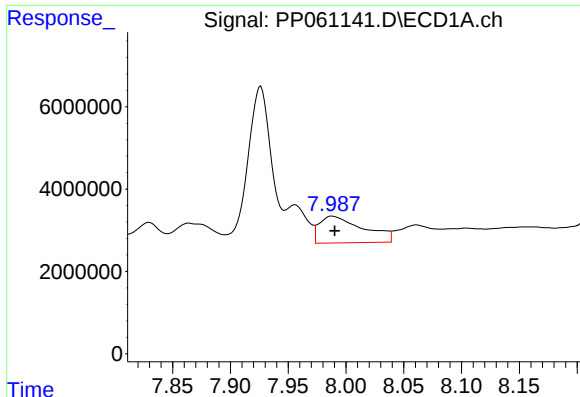
#32 AR-1260-2

R.T.: 7.638 min  
Delta R.T.: 0.011 min  
Response: 30286195  
Conc: 278.96 ng/ml



#32 AR-1260-2

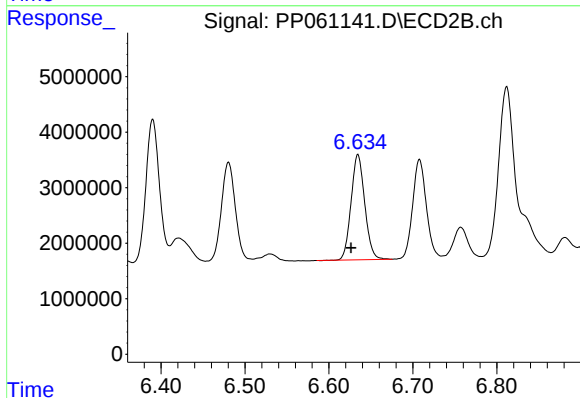
R.T.: 6.480 min  
Delta R.T.: 0.009 min  
Response: 19906564  
Conc: 202.15 ng/ml



#33 AR-1260-3

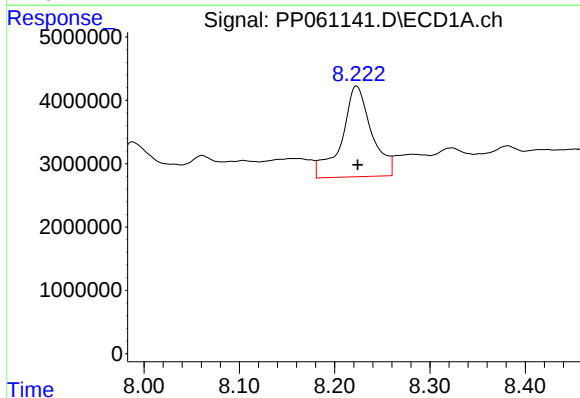
R.T.: 7.988 min  
Delta R.T.: -0.002 min  
Response: 17193138  
Conc: 247.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



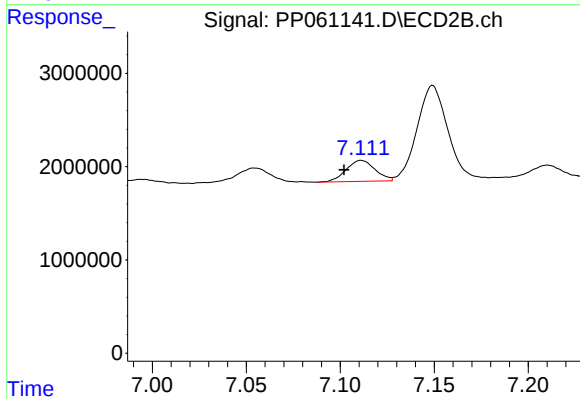
#33 AR-1260-3

R.T.: 6.635 min  
Delta R.T.: 0.008 min  
Response: 21408632  
Conc: 226.38 ng/ml



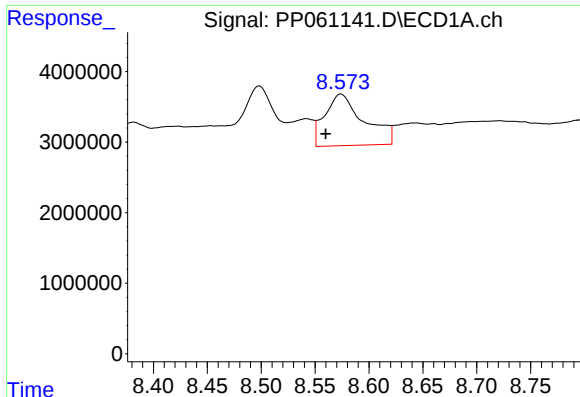
#34 AR-1260-4

R.T.: 8.223 min  
Delta R.T.: 0.000 min  
Response: 31286256  
Conc: 366.75 ng/ml



#34 AR-1260-4

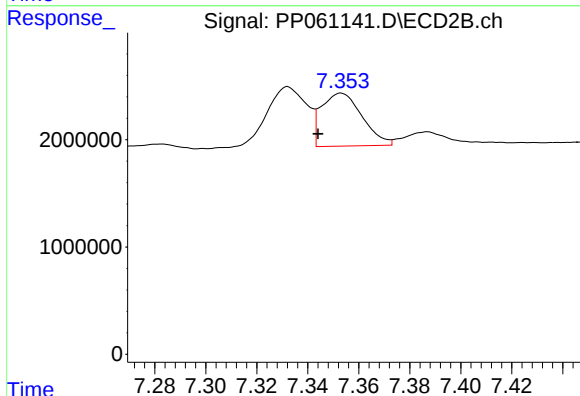
R.T.: 7.111 min  
Delta R.T.: 0.009 min  
Response: 2409235  
Conc: 33.61 ng/ml



#35 AR-1260-5

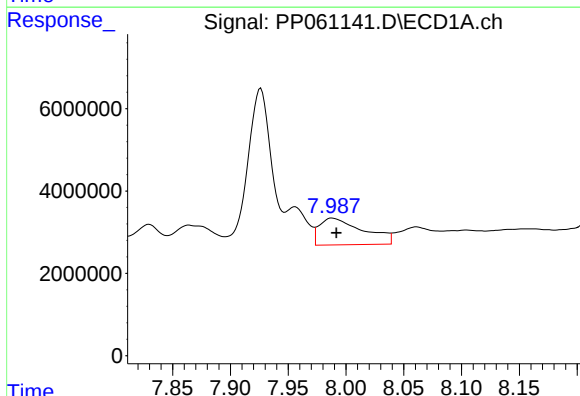
R.T.: 8.574 min  
Delta R.T.: 0.014 min  
Response: 18504414  
Conc: 114.69 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



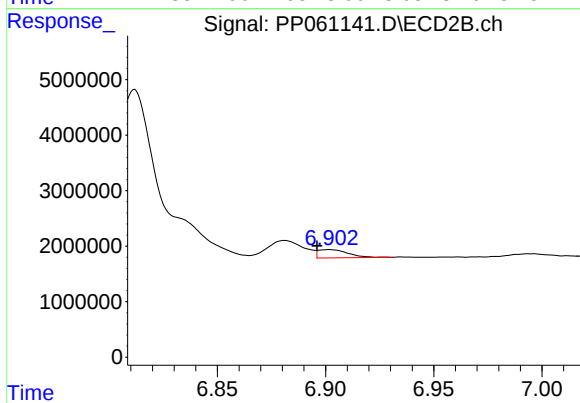
#35 AR-1260-5

R.T.: 7.353 min  
Delta R.T.: 0.009 min  
Response: 5464130  
Conc: 32.58 ng/ml



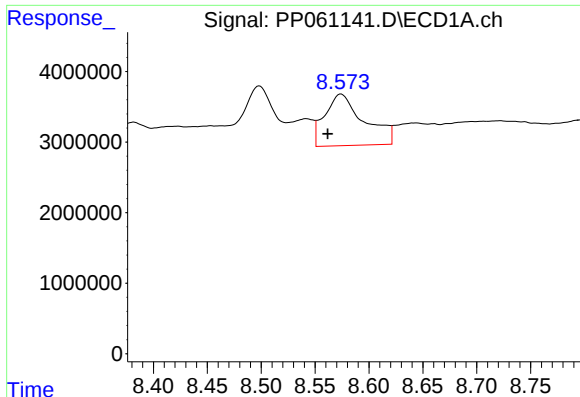
#36 AR-1262-1

R.T.: 7.988 min  
Delta R.T.: -0.003 min  
Response: 17193138  
Conc: 136.88 ng/ml



#36 AR-1262-1

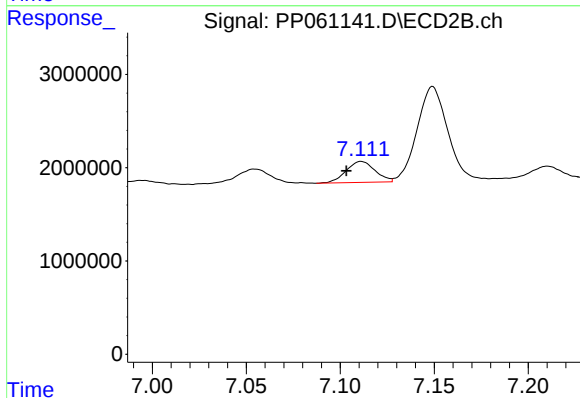
R.T.: 6.902 min  
Delta R.T.: 0.006 min  
Response: 1421589  
Conc: 29.82 ng/ml



#37 AR-1262-2

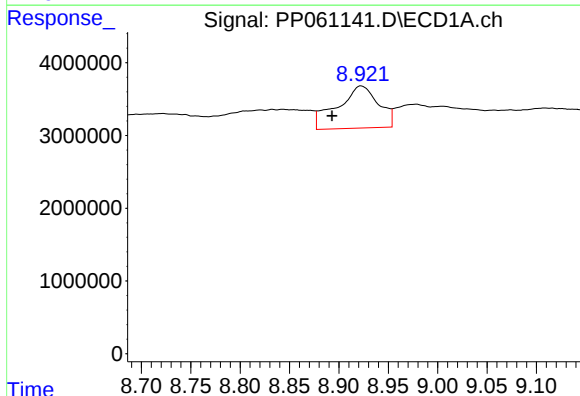
R.T.: 8.574 min  
Delta R.T.: 0.012 min  
Response: 18504414  
Conc: 83.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



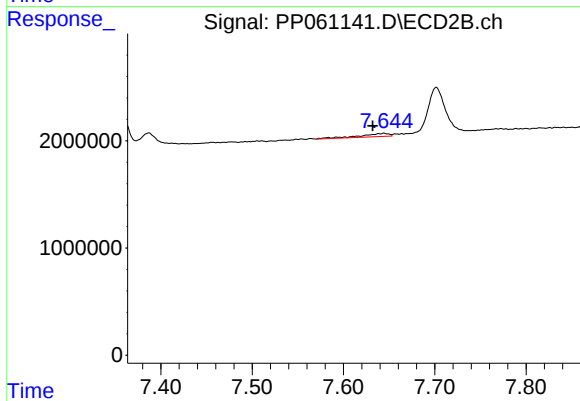
#37 AR-1262-2

R.T.: 7.111 min  
Delta R.T.: 0.008 min  
Response: 2409235  
Conc: 22.87 ng/ml



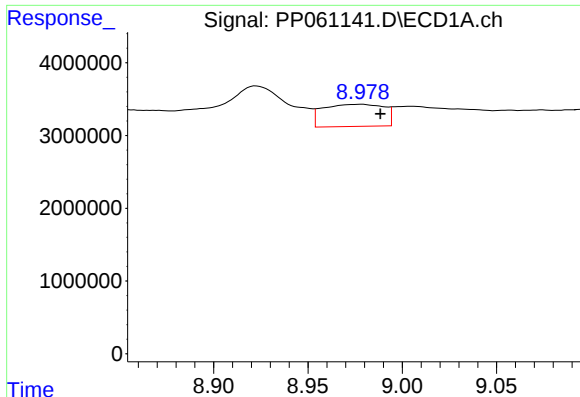
#38 AR-1262-3

R.T.: 8.923 min  
Delta R.T.: 0.030 min  
Response: 16863557  
Conc: 112.29 ng/ml



#38 AR-1262-3

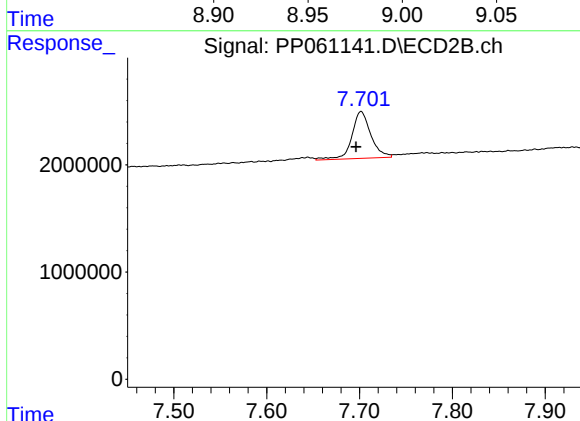
R.T.: 7.644 min  
Delta R.T.: 0.013 min  
Response: 661953  
Conc: 7.91 ng/ml



#39 AR-1262-4

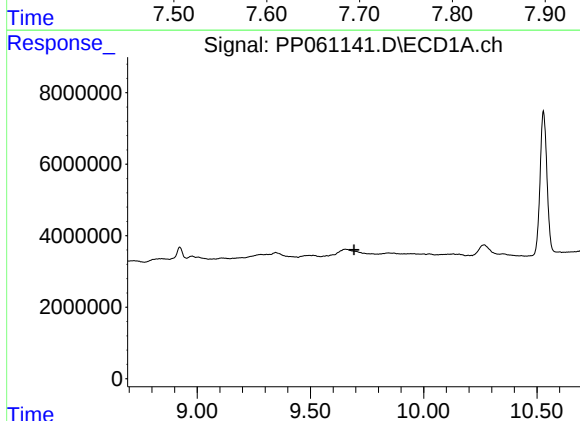
R.T.: 8.977 min  
Delta R.T.: -0.011 min  
Response: 6818302  
Conc: 60.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



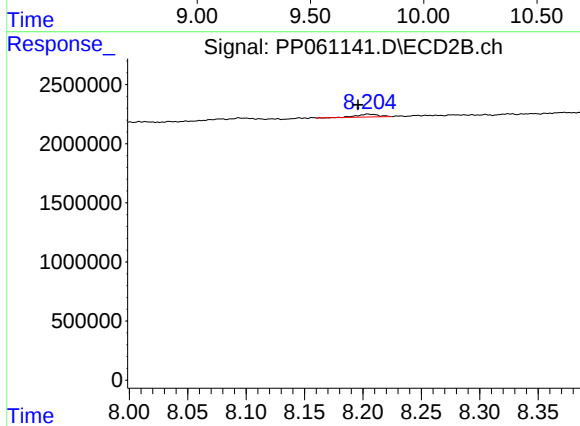
#39 AR-1262-4

R.T.: 7.702 min  
Delta R.T.: 0.005 min  
Response: 6215084  
Conc: 41.10 ng/ml



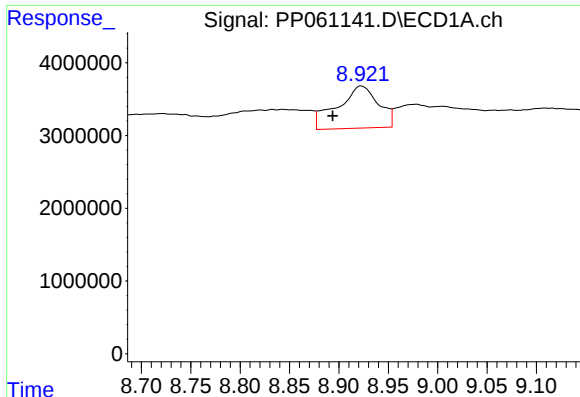
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 9.693 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

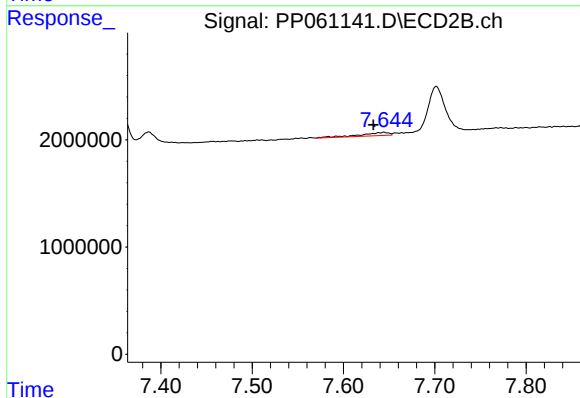
R.T.: 8.204 min  
Delta R.T.: 0.008 min  
Response: 311646  
Conc: 4.40 ng/ml



#41 AR-1268-1

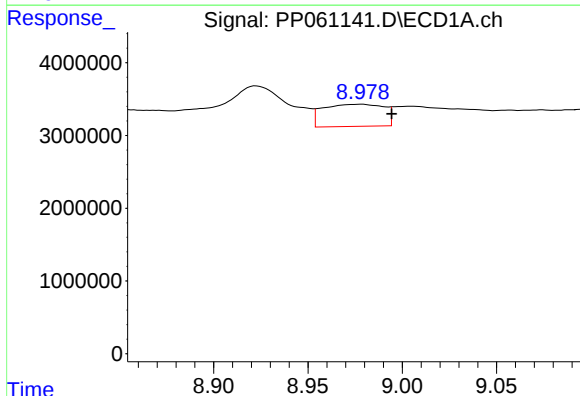
R.T.: 8.923 min  
Delta R.T.: 0.029 min  
Response: 16863557  
Conc: 64.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



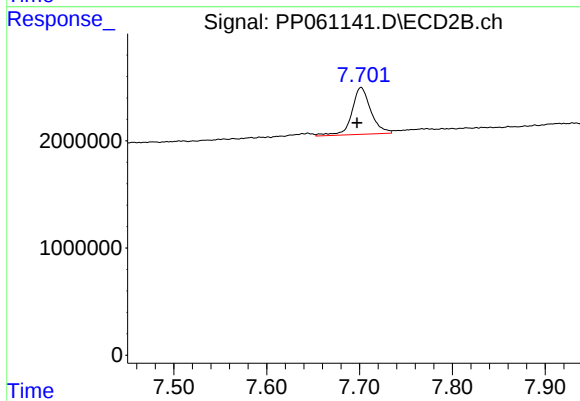
#41 AR-1268-1

R.T.: 7.644 min  
Delta R.T.: 0.011 min  
Response: 661953  
Conc: 2.76 ng/ml



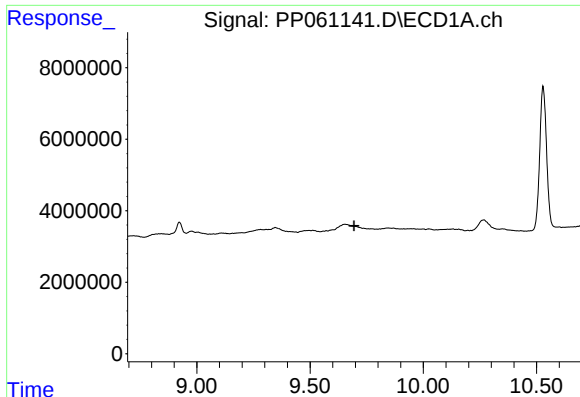
#42 AR-1268-2

R.T.: 8.977 min  
Delta R.T.: -0.017 min  
Response: 6818302  
Conc: 29.08 ng/ml



#42 AR-1268-2

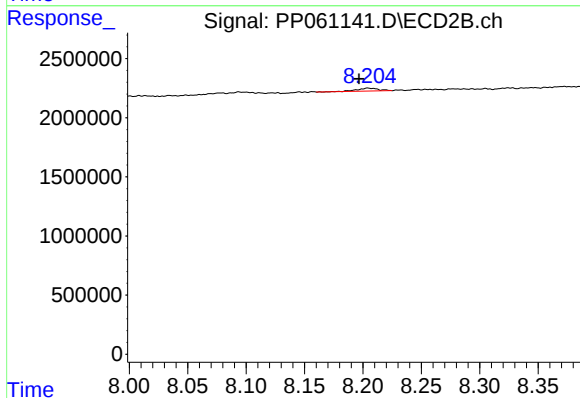
R.T.: 7.702 min  
Delta R.T.: 0.004 min  
Response: 6215084  
Conc: 28.97 ng/ml



#44 AR-1268-4

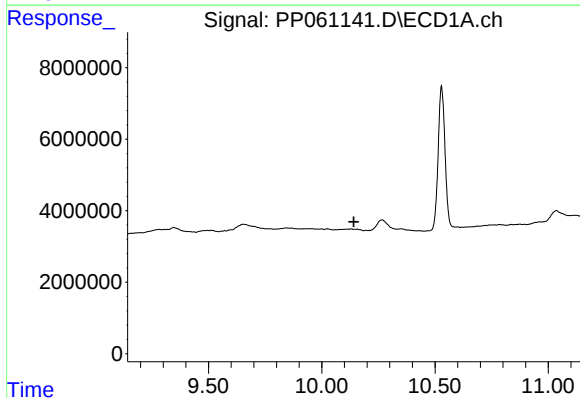
R.T.: 0.000 min  
Exp R.T.: 9.694 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



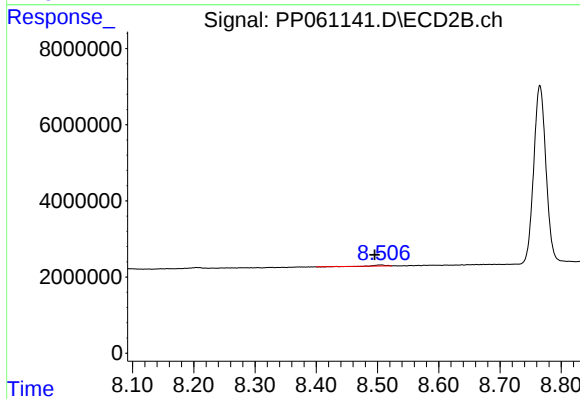
#44 AR-1268-4

R.T.: 8.204 min  
Delta R.T.: 0.008 min  
Response: 311646  
Conc: 4.07 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.142 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.506 min  
Delta R.T.: 0.011 min  
Response: 358772  
Conc: 0.65 ng/ml