

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0011823\  
 Data File : P0092147.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jan 2023 22:27  
 Operator : YP/AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 19 03:30:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0011023.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jan 11 04:41:00 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... | 4.448  | 3.647  | 127.4E6  | 58737715 | 45.676   | 42.307     |
| 2)                          | SA Decachlor... | 10.363 | 8.696  | 97706139 | 47159469 | 49.909   | 53.186     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 5.633  | 4.736  | 24168316 | 12678036 | 284.354  | 290.389    |
| 4)                          | L1 AR-1016-2    | 5.656  | 4.755  | 29411827 | 13165894 | 233.838  | 209.128    |
| 5)                          | L1 AR-1016-3    | 5.719  | 4.934  | 15024514 | 8828280  | 188.887  | 263.307 #  |
| 6)                          | L1 AR-1016-4    | 5.817  | 4.974  | 16510089 | 19066570 | 268.694  | 641.857 #  |
| 7)                          | L1 AR-1016-5    | 6.120  | 5.189  | 42538205 | 22610130 | 653.912  | 613.502    |
| 9)                          | L2 AR-1221-2    | 4.756  | 3.947  | 1884789  | 940893   | 74.206   | 72.036     |
| 10)                         | L2 AR-1221-3    | 4.823  | 4.024  | 2461040  | 1217756  | 31.713   | 31.404     |
| 11)                         | L3 AR-1232-1    | 4.823  | 4.024  | 2461040  | 1217756  | 36.726   | 35.676     |
| 12)                         | L3 AR-1232-2    | 5.361  | 4.755  | 11773146 | 13165894 | 362.765  | 454.924 #  |
| 13)                         | L3 AR-1232-3    | 5.656  | 4.934  | 29411827 | 8828280  | 513.137  | 584.905    |
| 14)                         | L3 AR-1232-4    | 5.817  | 5.016  | 16510089 | 19923540 | 610.892  | 1322.369 # |
| 15)                         | L3 AR-1232-5    | 5.913  | 5.189  | 39300980 | 22610130 | 1638.157 | 1382.610   |
| 16)                         | L4 AR-1242-1    | 5.633  | 4.736  | 24168316 | 12678036 | 338.685  | 339.615    |
| 17)                         | L4 AR-1242-2    | 5.656  | 4.755  | 29411827 | 13165894 | 278.355  | 247.721    |
| 18)                         | L4 AR-1242-3    | 5.719  | 4.934  | 15024514 | 8828280  | 222.917  | 308.544 #  |
| 19)                         | L4 AR-1242-4    | 5.817  | 5.016  | 16510089 | 19923540 | 318.506  | 648.154 #  |
| 20)                         | L4 AR-1242-5    | 6.570  | 5.542  | 39973836 | 29649747 | 789.519  | 899.061    |
| 21)                         | L5 AR-1248-1    | 5.633  | 4.736  | 24168316 | 12678036 | 441.589  | 444.557    |
| 22)                         | L5 AR-1248-2    | 5.913  | 4.974  | 39300980 | 19066570 | 454.356  | 429.867    |
| 23)                         | L5 AR-1248-3    | 6.120  | 5.016  | 42538205 | 19923540 | 462.364  | 437.319    |
| 24)                         | L5 AR-1248-4    | 6.531  | 5.189  | 41249243 | 22610130 | 463.742  | 433.626    |
| 25)                         | L5 AR-1248-5    | 6.570  | 5.583  | 39973836 | 20466128 | 462.072  | 462.740    |
| 26)                         | L6 AR-1254-1    | 6.504  | 5.542  | 32715723 | 29649747 | 316.211  | 401.599 #  |
| 27)                         | L6 AR-1254-2    | 6.730  | 5.691  | 42733812 | 9974077  | 281.921  | 152.637 #  |
| 28)                         | L6 AR-1254-3    | 7.101  | 6.096  | 25490889 | 14170273 | 170.468  | 145.992    |
| 29)                         | L6 AR-1254-4    | 7.393  | 6.327  | 15599584 | 9113736  | 164.133  | 188.046    |
| 30)                         | L6 AR-1254-5    | 7.821  | 6.747  | 2971302  | 2617738  | 23.952   | 33.995 #   |
| 31)                         | L7 AR-1260-1    | 7.270  | 6.242  | 3451124  | 6752408  | 28.744   | 103.842 #  |
| 32)                         | L7 AR-1260-2    | 7.533  | 6.416  | 4817991  | 1062606  | 37.506   | 14.507 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.570  | 0        | 2309637  | N.D.     | 32.293 #   |
| 34)                         | L7 AR-1260-4    | 8.115  | 7.084  | 1784675  | 685782   | 15.458   | 12.728     |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.289  | 0        | 350909   | N.D.     | 3.127 #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.747f | 0        | 2617738  | N.D.     | 34.170 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.289  | 0        | 350909   | N.D.     | 3.031 #    |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.433  | 0        | 533847   | N.D.     | 1.432 #    |
| -----                       |                 |        |        |          |          |          |            |

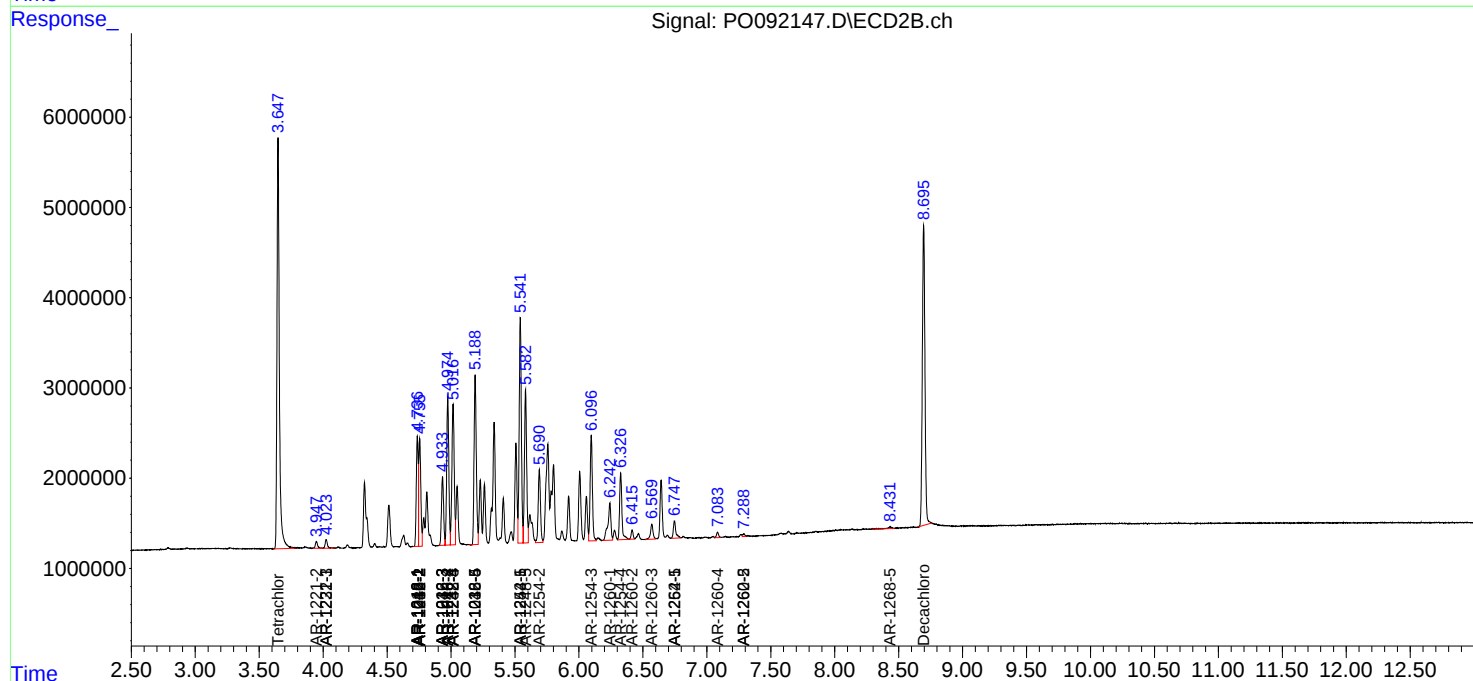
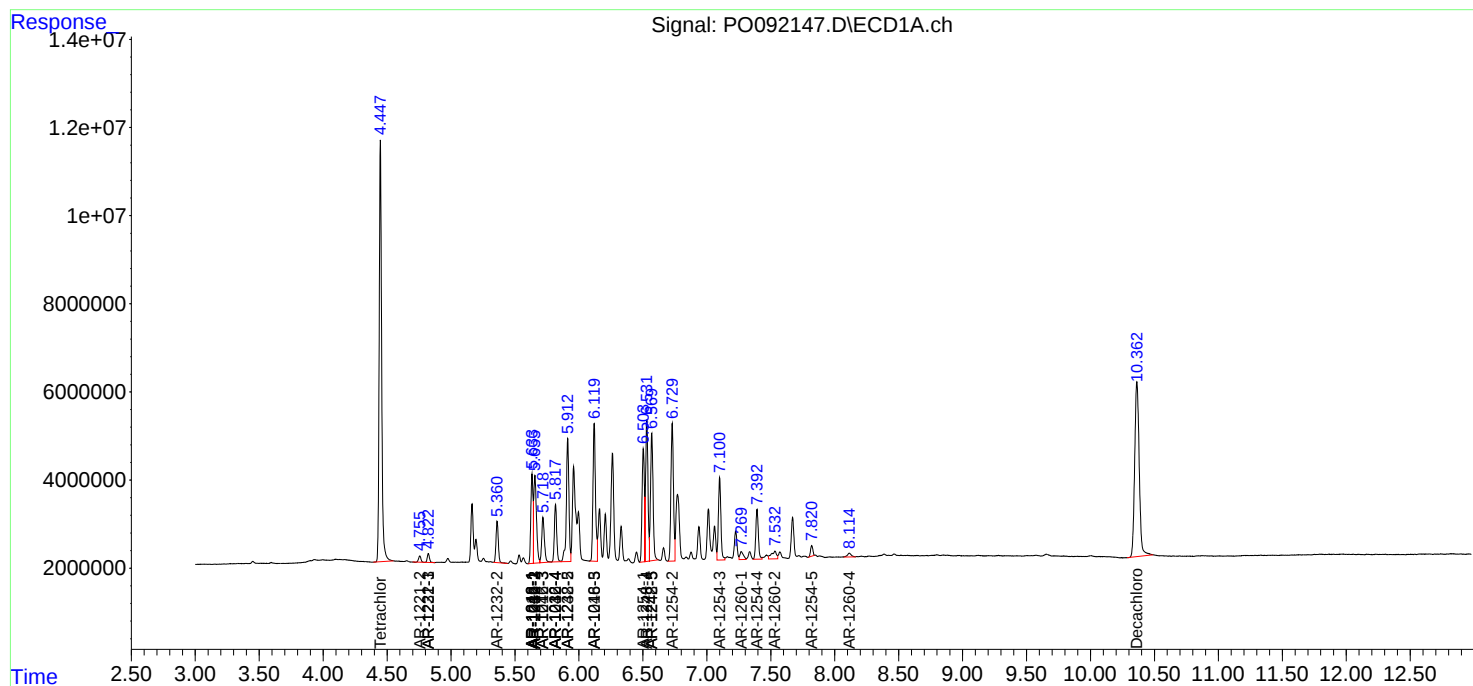
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

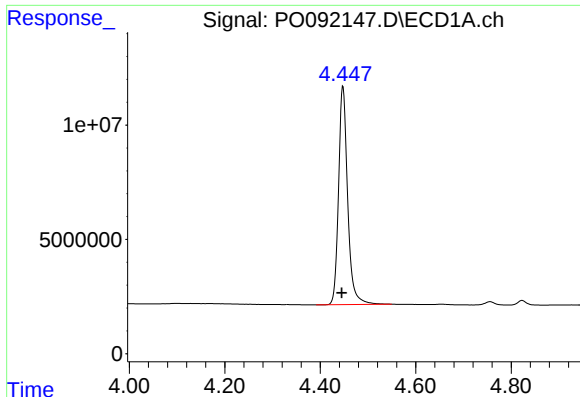
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO011823\  
Data File : PO092147.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jan 2023 22:27  
Operator : YP/AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 19 03:30:18 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO011023.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jan 11 04:41:00 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

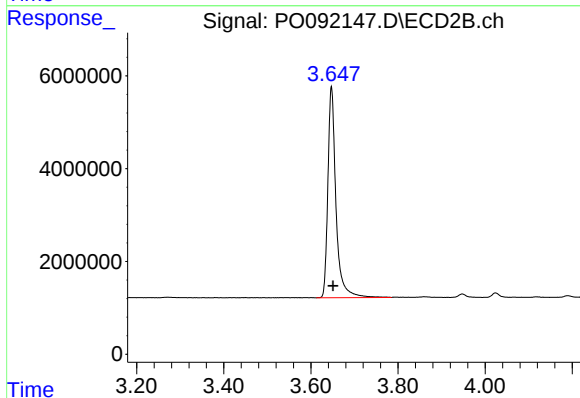




#1 Tetrachloro-m-xylene

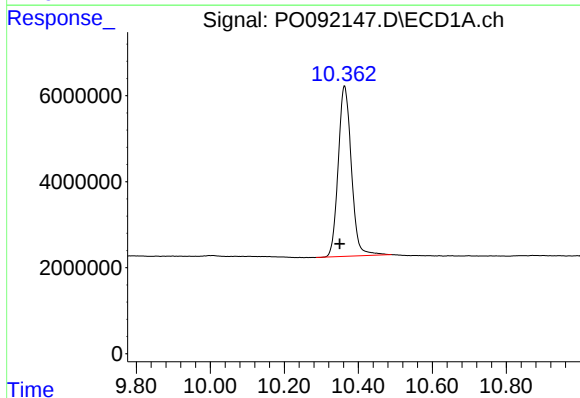
R.T.: 4.448 min  
Delta R.T.: 0.003 min  
Response: 127399827  
Conc: 45.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



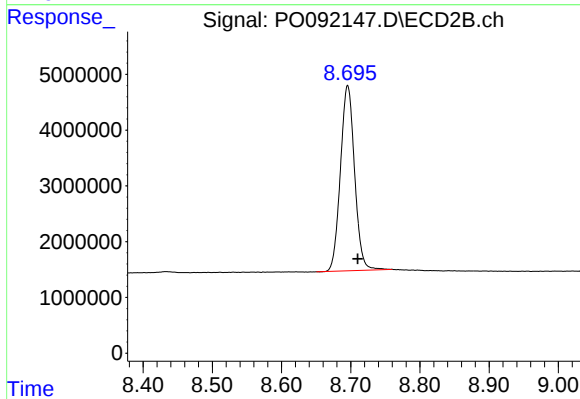
#1 Tetrachloro-m-xylene

R.T.: 3.647 min  
Delta R.T.: -0.003 min  
Response: 58737715  
Conc: 42.31 ng/ml



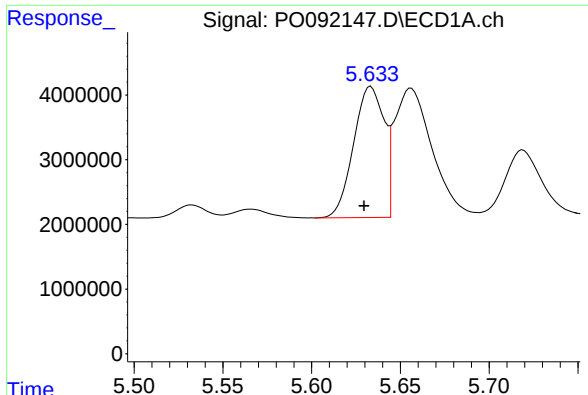
#2 Decachlorobiphenyl

R.T.: 10.363 min  
Delta R.T.: 0.013 min  
Response: 97706139  
Conc: 49.91 ng/ml



#2 Decachlorobiphenyl

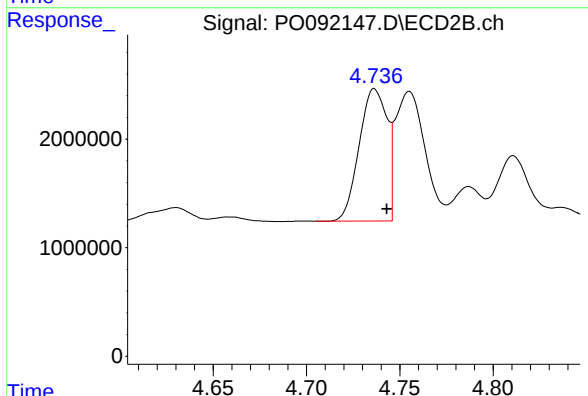
R.T.: 8.696 min  
Delta R.T.: -0.015 min  
Response: 47159469  
Conc: 53.19 ng/ml



#3 AR-1016-1

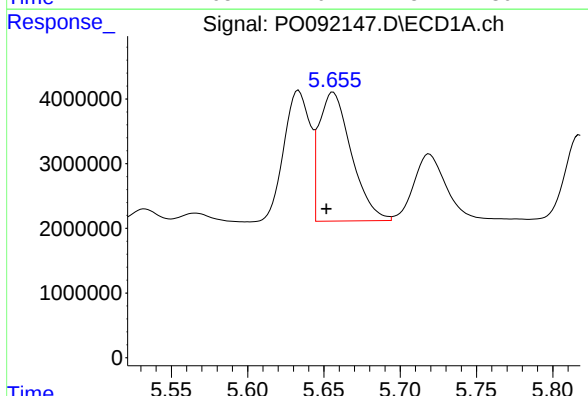
R.T.: 5.633 min  
Delta R.T.: 0.004 min  
Response: 24168316  
Conc: 284.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



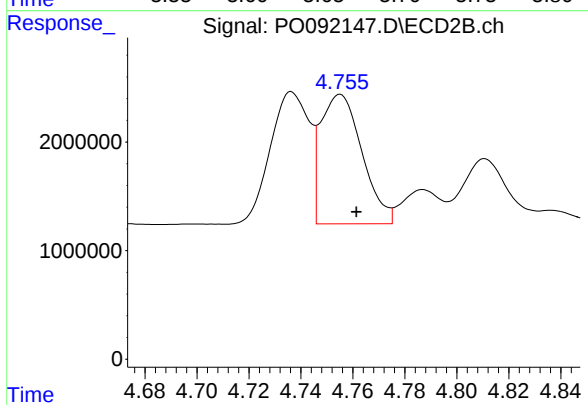
#3 AR-1016-1

R.T.: 4.736 min  
Delta R.T.: -0.006 min  
Response: 12678036  
Conc: 290.39 ng/ml



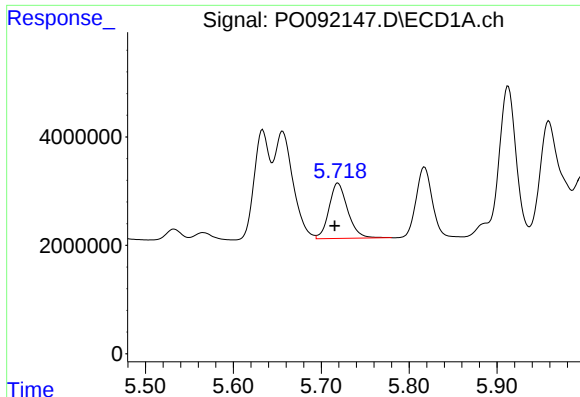
#4 AR-1016-2

R.T.: 5.656 min  
Delta R.T.: 0.005 min  
Response: 29411827  
Conc: 233.84 ng/ml



#4 AR-1016-2

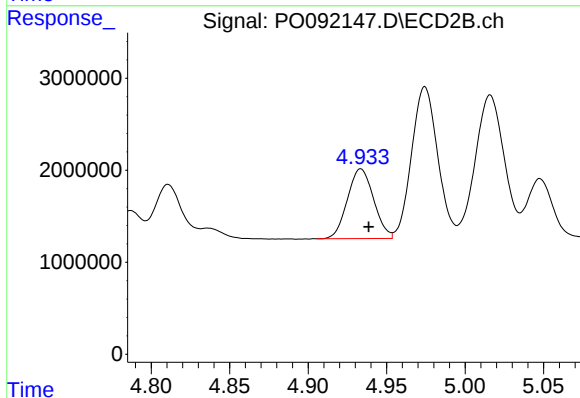
R.T.: 4.755 min  
Delta R.T.: -0.006 min  
Response: 13165894  
Conc: 209.13 ng/ml



#5 AR-1016-3

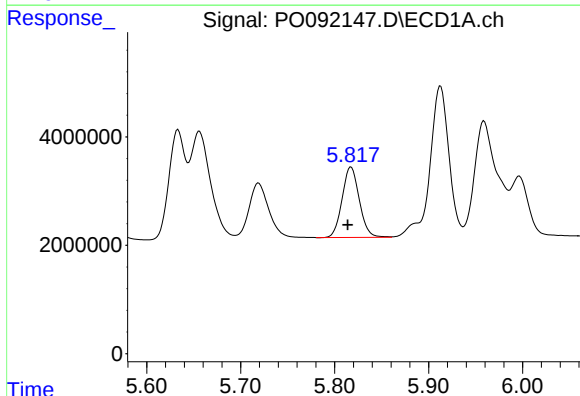
R.T.: 5.719 min  
Delta R.T.: 0.004 min  
Response: 15024514  
Conc: 188.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



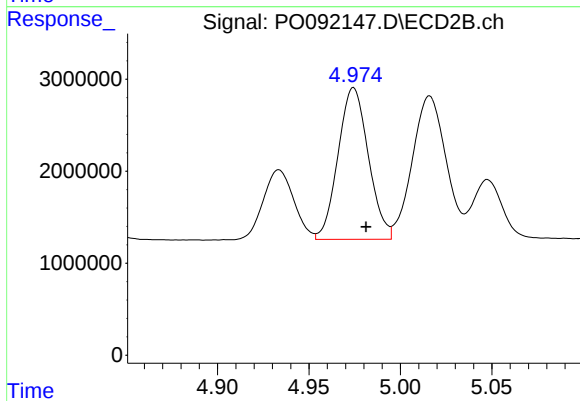
#5 AR-1016-3

R.T.: 4.934 min  
Delta R.T.: -0.005 min  
Response: 8828280  
Conc: 263.31 ng/ml



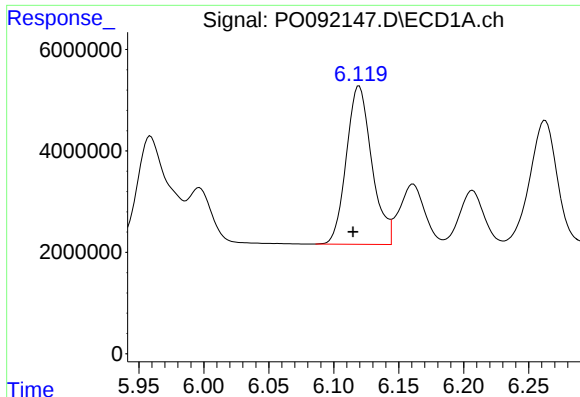
#6 AR-1016-4

R.T.: 5.817 min  
Delta R.T.: 0.003 min  
Response: 16510089  
Conc: 268.69 ng/ml



#6 AR-1016-4

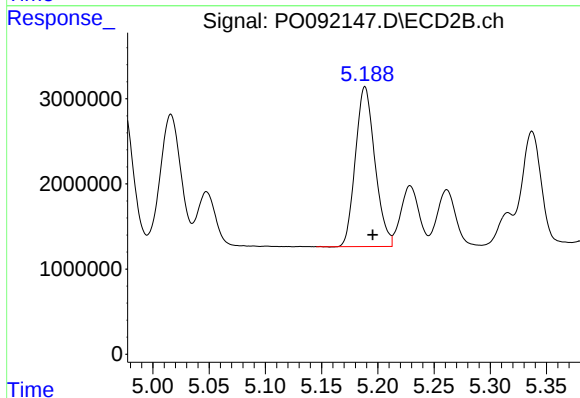
R.T.: 4.974 min  
Delta R.T.: -0.007 min  
Response: 19066570  
Conc: 641.86 ng/ml



#7 AR-1016-5

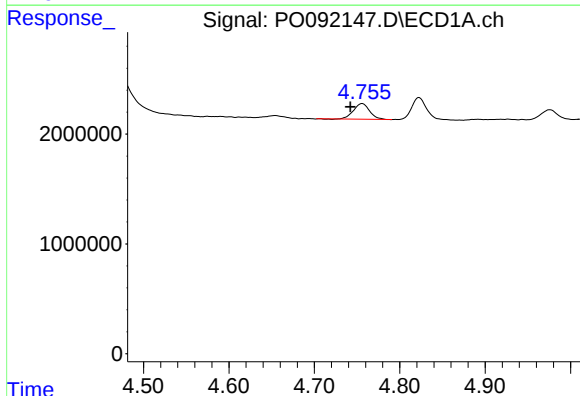
R.T.: 6.120 min  
Delta R.T.: 0.005 min  
Response: 42538205  
Conc: 653.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



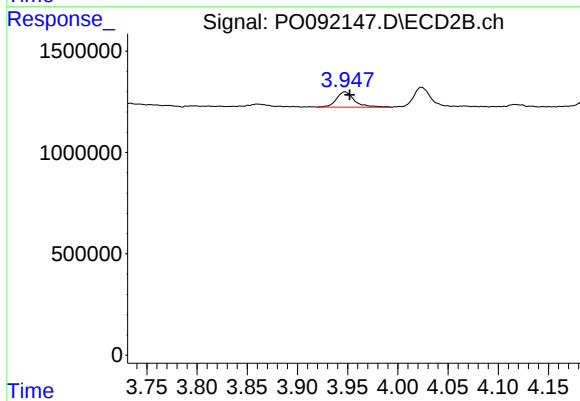
#7 AR-1016-5

R.T.: 5.189 min  
Delta R.T.: -0.007 min  
Response: 22610130  
Conc: 613.50 ng/ml



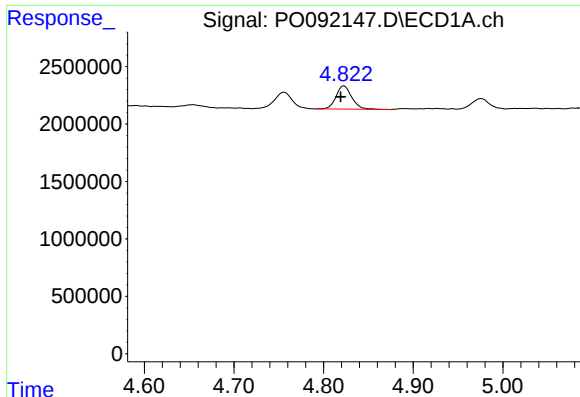
#9 AR-1221-2

R.T.: 4.756 min  
Delta R.T.: 0.014 min  
Response: 1884789  
Conc: 74.21 ng/ml



#9 AR-1221-2

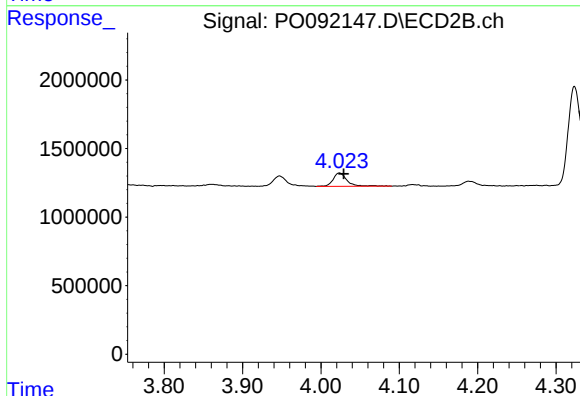
R.T.: 3.947 min  
Delta R.T.: -0.005 min  
Response: 940893  
Conc: 72.04 ng/ml



#10 AR-1221-3

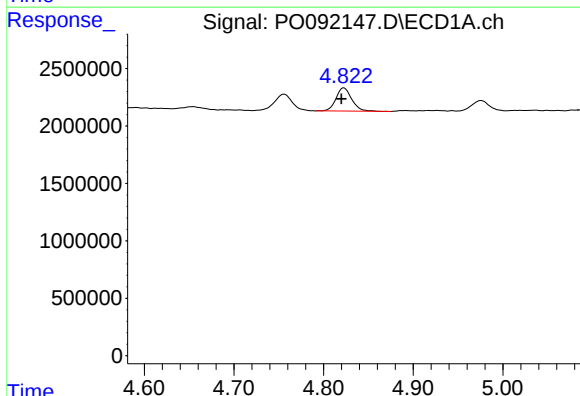
R.T.: 4.823 min  
Delta R.T.: 0.004 min  
Response: 2461040  
Conc: 31.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



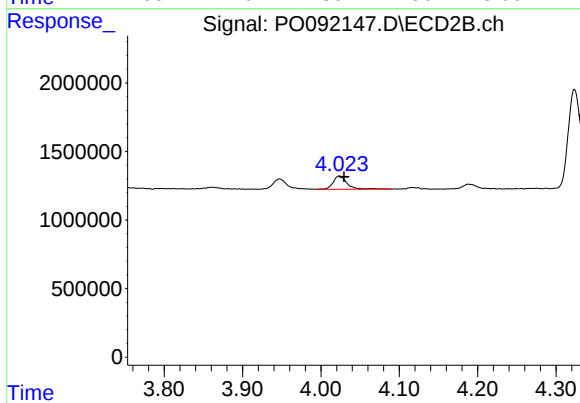
#10 AR-1221-3

R.T.: 4.024 min  
Delta R.T.: -0.006 min  
Response: 1217756  
Conc: 31.40 ng/ml



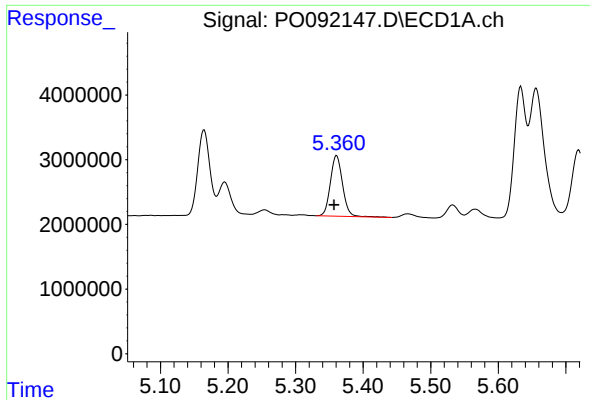
#11 AR-1232-1

R.T.: 4.823 min  
Delta R.T.: 0.003 min  
Response: 2461040  
Conc: 36.73 ng/ml



#11 AR-1232-1

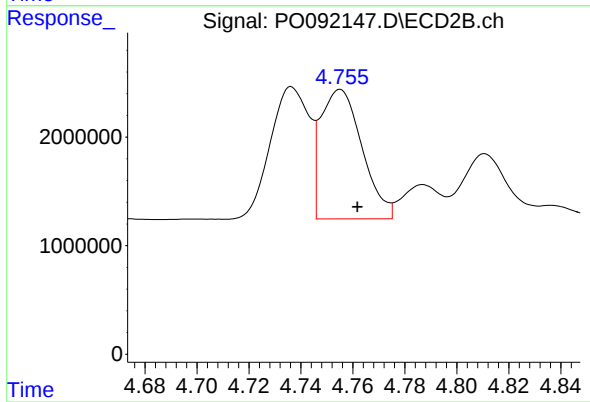
R.T.: 4.024 min  
Delta R.T.: -0.006 min  
Response: 1217756  
Conc: 35.68 ng/ml



#12 AR-1232-2

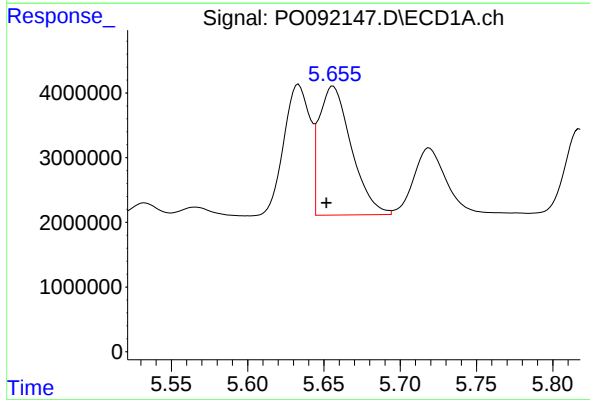
R.T.: 5.361 min  
Delta R.T.: 0.004 min  
Response: 11773146  
Conc: 362.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



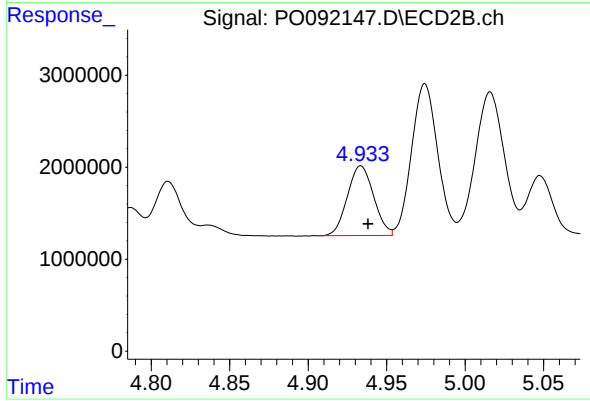
#12 AR-1232-2

R.T.: 4.755 min  
Delta R.T.: -0.007 min  
Response: 13165894  
Conc: 454.92 ng/ml



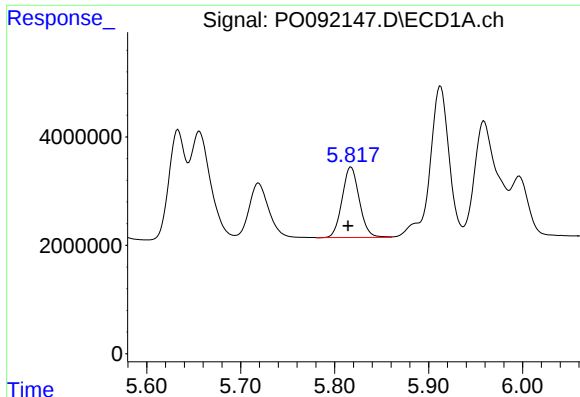
#13 AR-1232-3

R.T.: 5.656 min  
Delta R.T.: 0.004 min  
Response: 29411827  
Conc: 513.14 ng/ml



#13 AR-1232-3

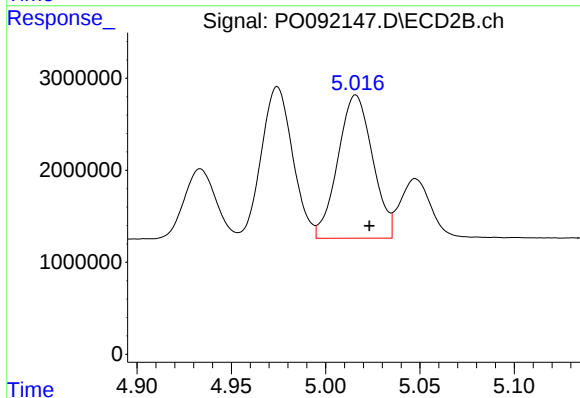
R.T.: 4.934 min  
Delta R.T.: -0.005 min  
Response: 8828280  
Conc: 584.90 ng/ml



#14 AR-1232-4

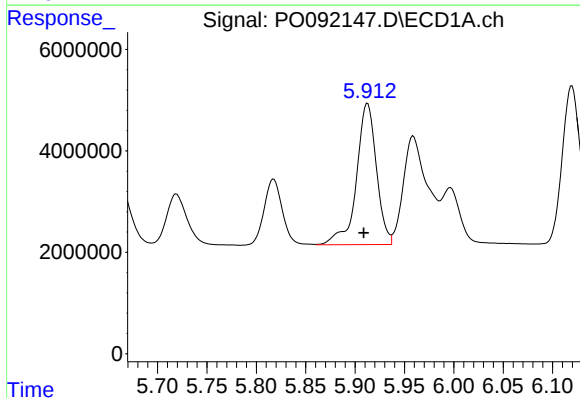
R.T.: 5.817 min  
Delta R.T.: 0.003 min  
Response: 16510089  
Conc: 610.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



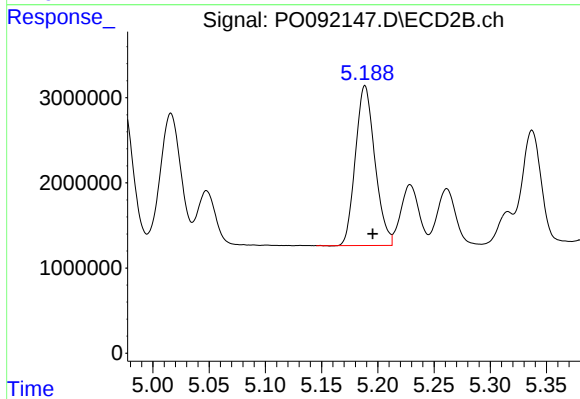
#14 AR-1232-4

R.T.: 5.016 min  
Delta R.T.: -0.007 min  
Response: 19923540  
Conc: 1322.37 ng/ml



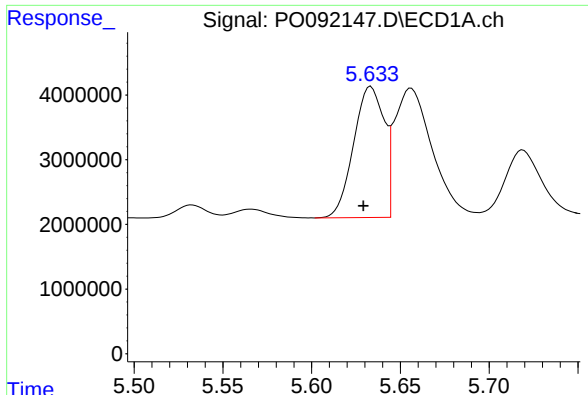
#15 AR-1232-5

R.T.: 5.913 min  
Delta R.T.: 0.004 min  
Response: 39300980  
Conc: 1638.16 ng/ml



#15 AR-1232-5

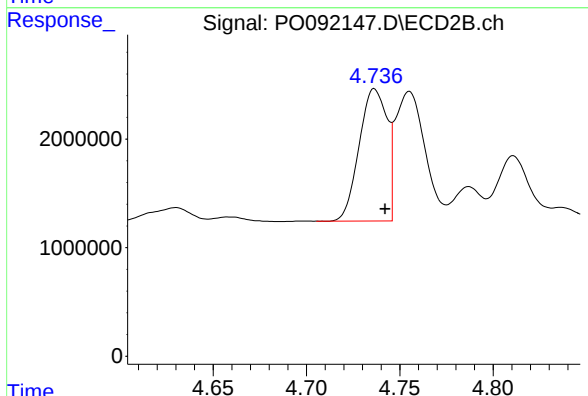
R.T.: 5.189 min  
Delta R.T.: -0.007 min  
Response: 22610130  
Conc: 1382.61 ng/ml



#16 AR-1242-1

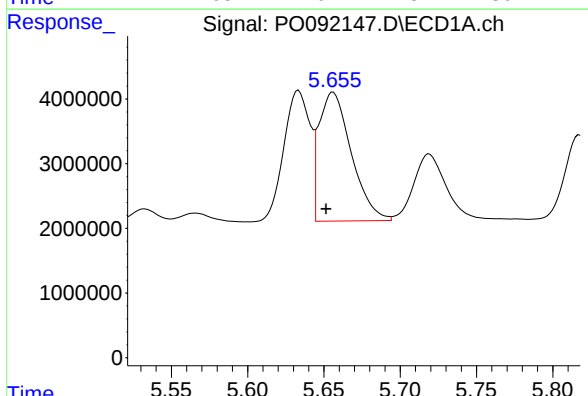
R.T.: 5.633 min  
Delta R.T.: 0.004 min  
Response: 24168316  
Conc: 338.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



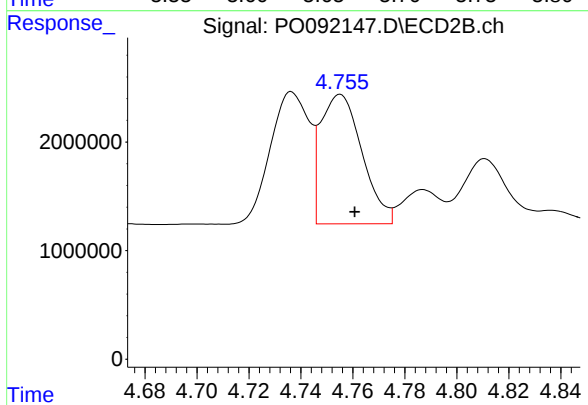
#16 AR-1242-1

R.T.: 4.736 min  
Delta R.T.: -0.006 min  
Response: 12678036  
Conc: 339.61 ng/ml



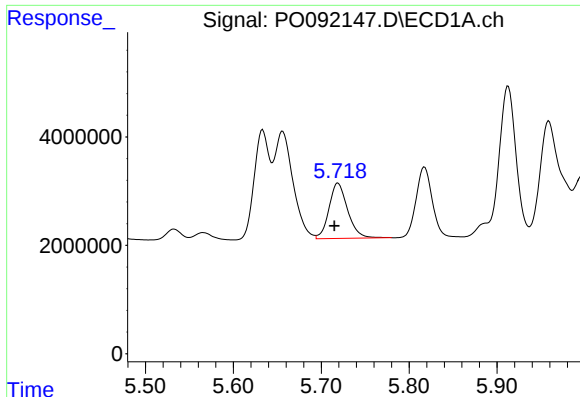
#17 AR-1242-2

R.T.: 5.656 min  
Delta R.T.: 0.005 min  
Response: 29411827  
Conc: 278.36 ng/ml



#17 AR-1242-2

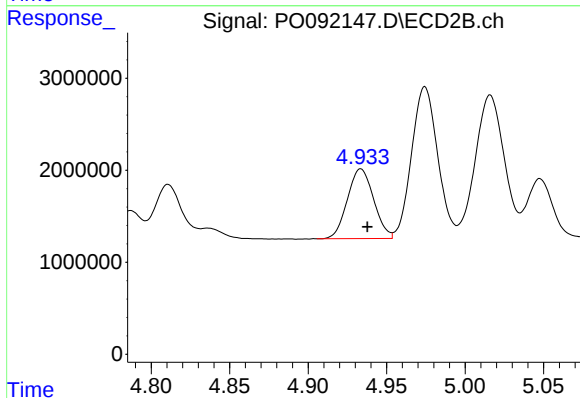
R.T.: 4.755 min  
Delta R.T.: -0.006 min  
Response: 13165894  
Conc: 247.72 ng/ml



#18 AR-1242-3

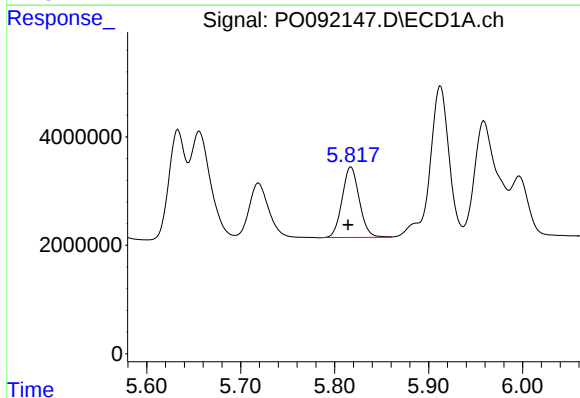
R.T.: 5.719 min  
Delta R.T.: 0.004 min  
Response: 15024514  
Conc: 222.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



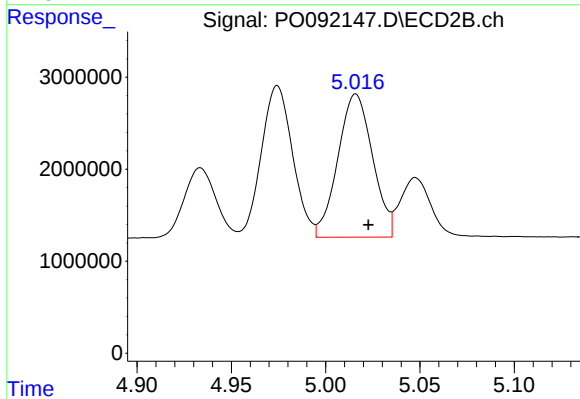
#18 AR-1242-3

R.T.: 4.934 min  
Delta R.T.: -0.004 min  
Response: 8828280  
Conc: 308.54 ng/ml



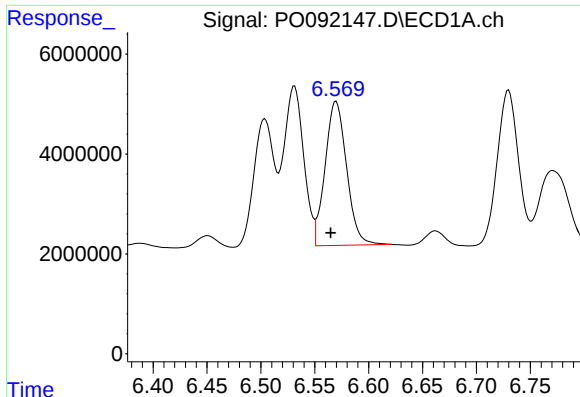
#19 AR-1242-4

R.T.: 5.817 min  
Delta R.T.: 0.003 min  
Response: 16510089  
Conc: 318.51 ng/ml



#19 AR-1242-4

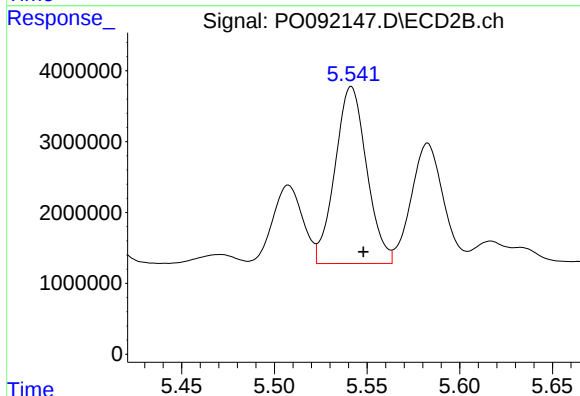
R.T.: 5.016 min  
Delta R.T.: -0.007 min  
Response: 19923540  
Conc: 648.15 ng/ml



#20 AR-1242-5

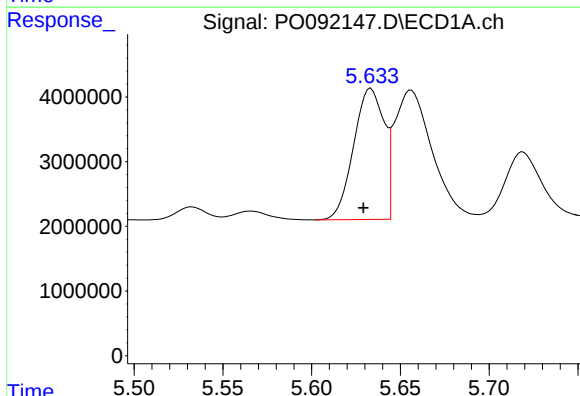
R.T.: 6.570 min  
Delta R.T.: 0.005 min  
Response: 39973836  
Conc: 789.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



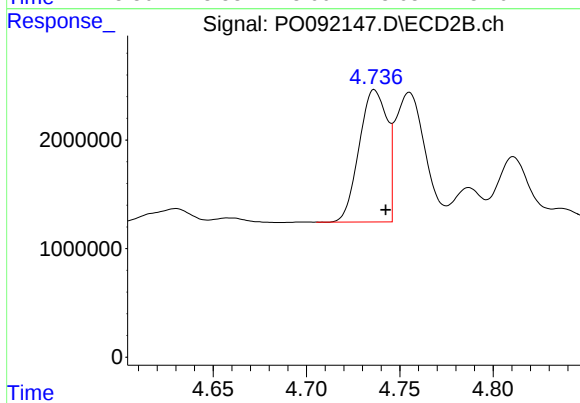
#20 AR-1242-5

R.T.: 5.542 min  
Delta R.T.: -0.006 min  
Response: 29649747  
Conc: 899.06 ng/ml



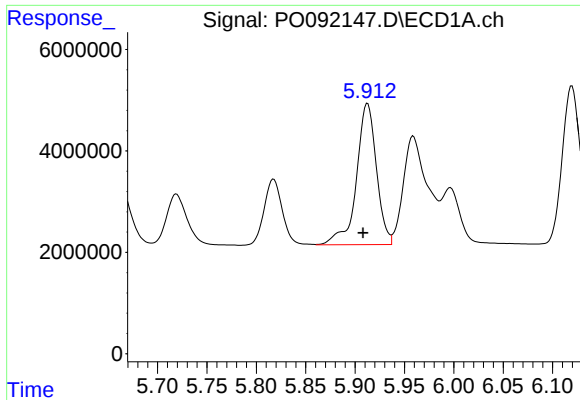
#21 AR-1248-1

R.T.: 5.633 min  
Delta R.T.: 0.004 min  
Response: 24168316  
Conc: 441.59 ng/ml



#21 AR-1248-1

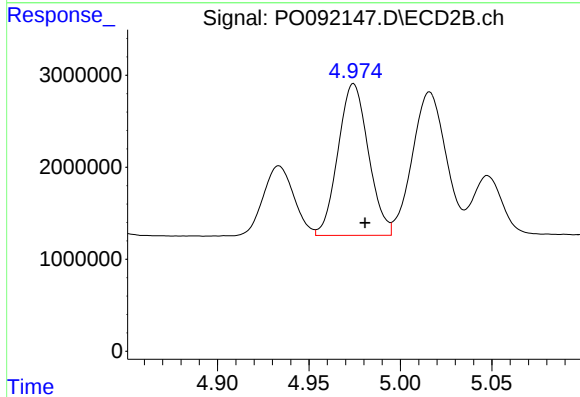
R.T.: 4.736 min  
Delta R.T.: -0.006 min  
Response: 12678036  
Conc: 444.56 ng/ml



#22 AR-1248-2

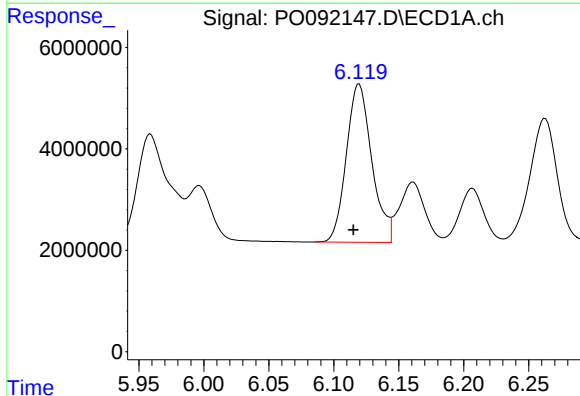
R.T.: 5.913 min  
Delta R.T.: 0.005 min  
Response: 39300980  
Conc: 454.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



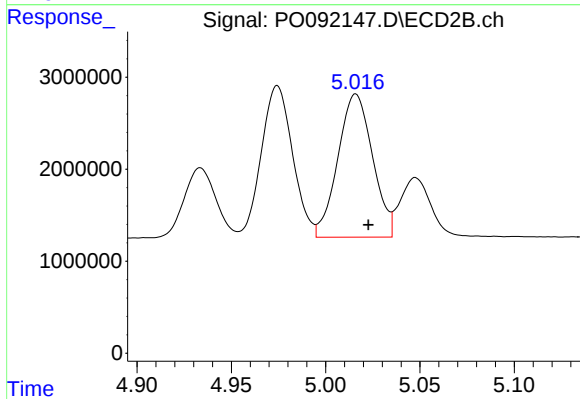
#22 AR-1248-2

R.T.: 4.974 min  
Delta R.T.: -0.006 min  
Response: 19066570  
Conc: 429.87 ng/ml



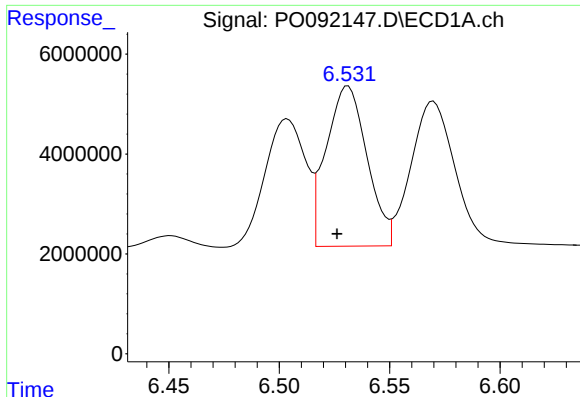
#23 AR-1248-3

R.T.: 6.120 min  
Delta R.T.: 0.005 min  
Response: 42538205  
Conc: 462.36 ng/ml



#23 AR-1248-3

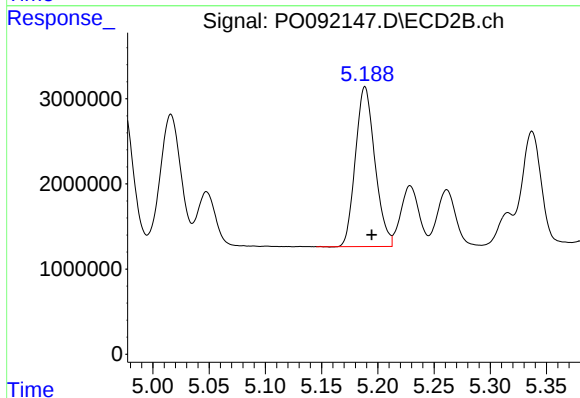
R.T.: 5.016 min  
Delta R.T.: -0.007 min  
Response: 19923540  
Conc: 437.32 ng/ml



#24 AR-1248-4

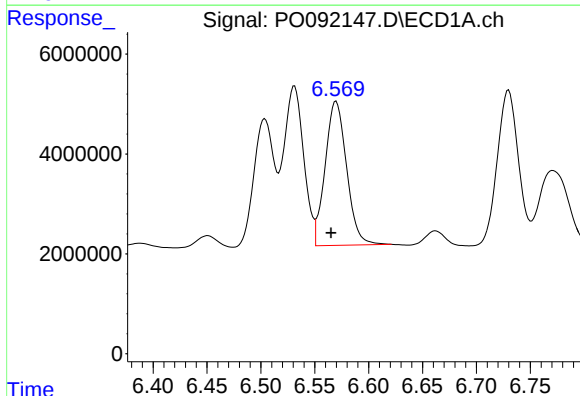
R.T.: 6.531 min  
Delta R.T.: 0.005 min  
Response: 41249243  
Conc: 463.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



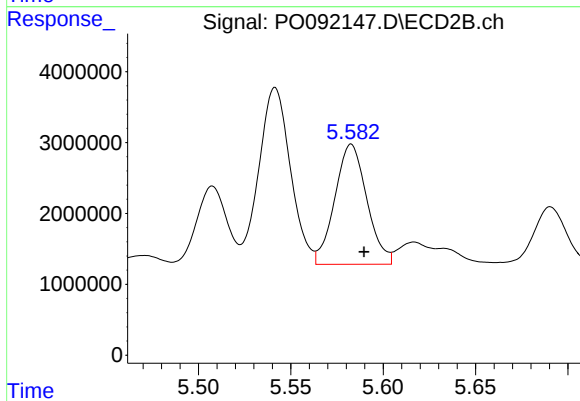
#24 AR-1248-4

R.T.: 5.189 min  
Delta R.T.: -0.006 min  
Response: 22610130  
Conc: 433.63 ng/ml



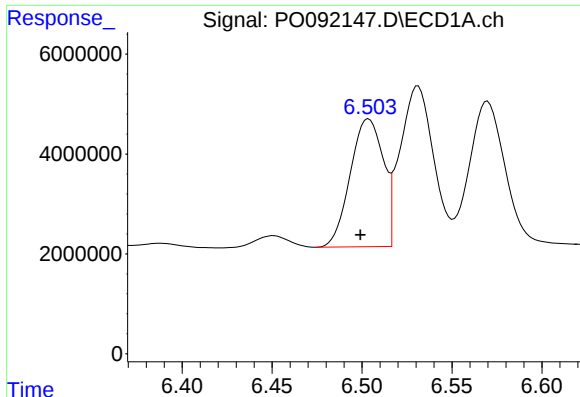
#25 AR-1248-5

R.T.: 6.570 min  
Delta R.T.: 0.005 min  
Response: 39973836  
Conc: 462.07 ng/ml



#25 AR-1248-5

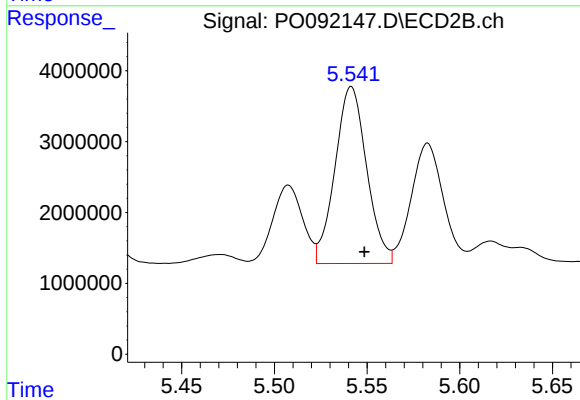
R.T.: 5.583 min  
Delta R.T.: -0.007 min  
Response: 20466128  
Conc: 462.74 ng/ml



#26 AR-1254-1

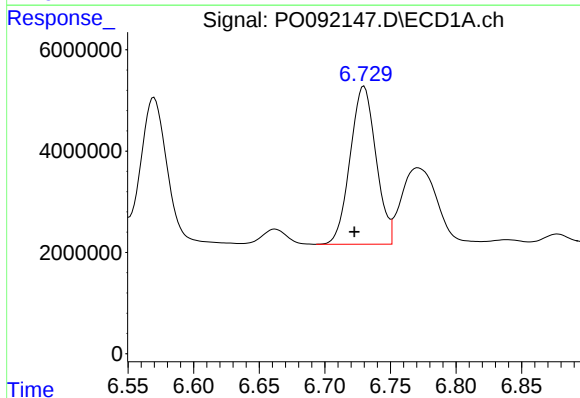
R.T.: 6.504 min  
Delta R.T.: 0.005 min  
Response: 32715723  
Conc: 316.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



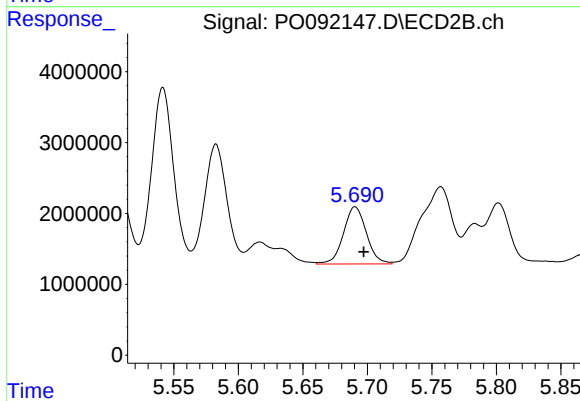
#26 AR-1254-1

R.T.: 5.542 min  
Delta R.T.: -0.007 min  
Response: 29649747  
Conc: 401.60 ng/ml



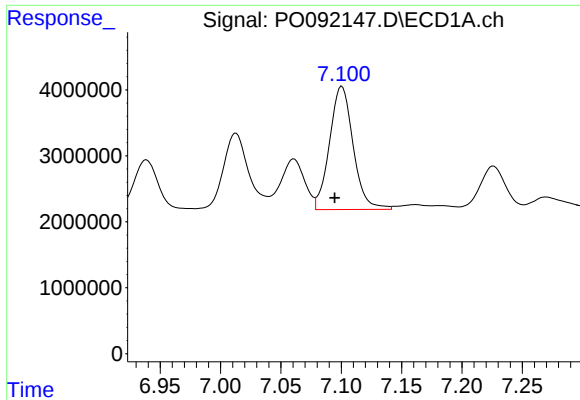
#27 AR-1254-2

R.T.: 6.730 min  
Delta R.T.: 0.007 min  
Response: 42733812  
Conc: 281.92 ng/ml



#27 AR-1254-2

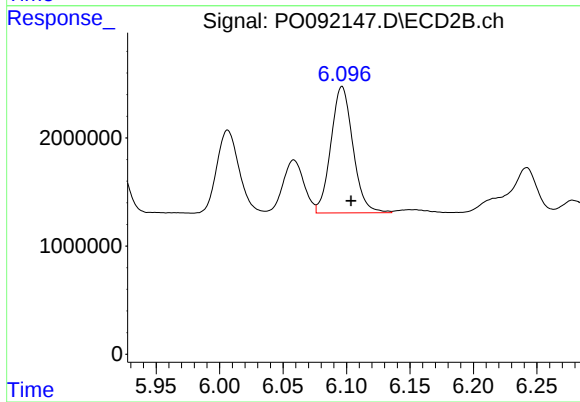
R.T.: 5.691 min  
Delta R.T.: -0.007 min  
Response: 9974077  
Conc: 152.64 ng/ml



#28 AR-1254-3

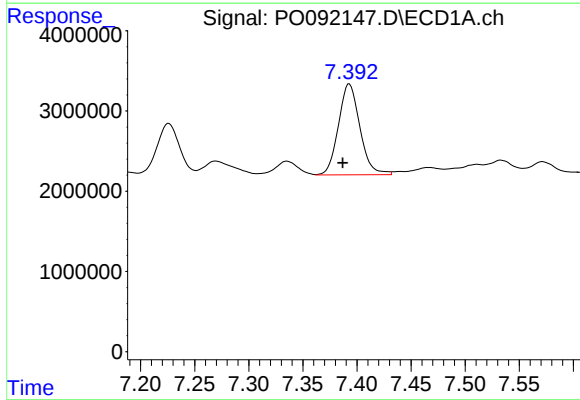
R.T.: 7.101 min  
Delta R.T.: 0.006 min  
Response: 25490889  
Conc: 170.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



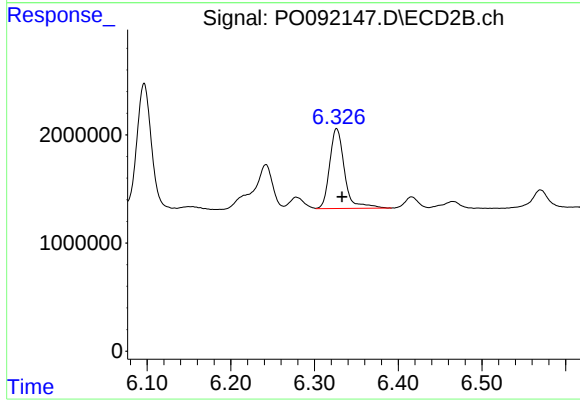
#28 AR-1254-3

R.T.: 6.096 min  
Delta R.T.: -0.007 min  
Response: 14170273  
Conc: 145.99 ng/ml



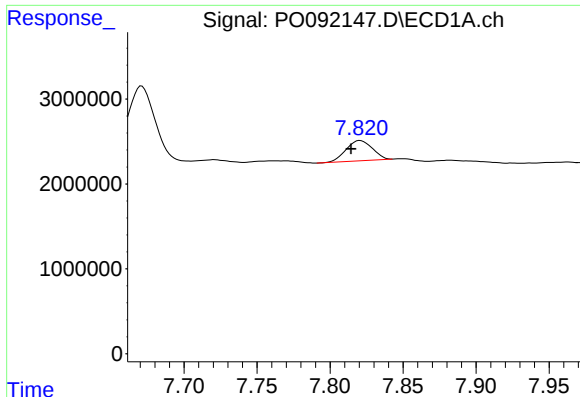
#29 AR-1254-4

R.T.: 7.393 min  
Delta R.T.: 0.006 min  
Response: 15599584  
Conc: 164.13 ng/ml



#29 AR-1254-4

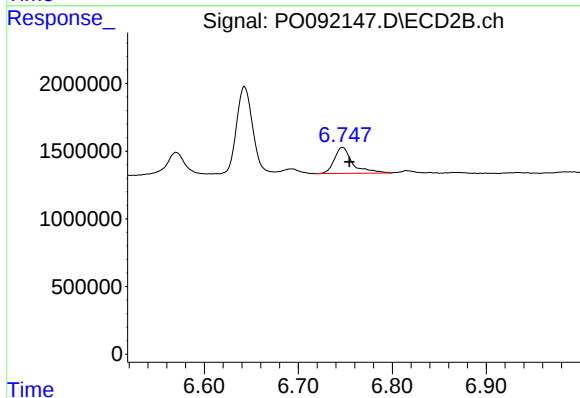
R.T.: 6.327 min  
Delta R.T.: -0.006 min  
Response: 9113736  
Conc: 188.05 ng/ml



#30 AR-1254-5

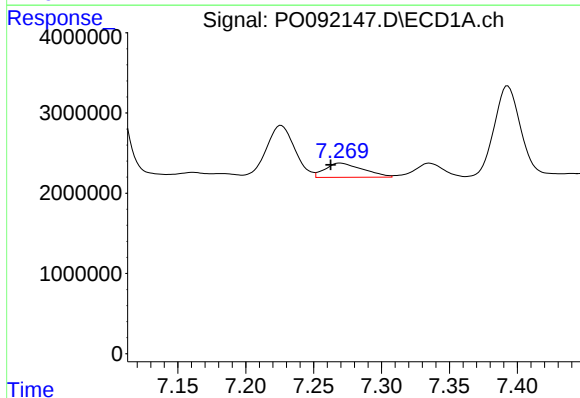
R.T.: 7.821 min  
Delta R.T.: 0.006 min  
Response: 2971302  
Conc: 23.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



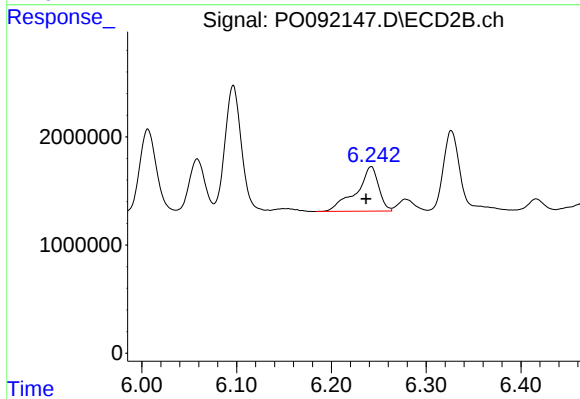
#30 AR-1254-5

R.T.: 6.747 min  
Delta R.T.: -0.008 min  
Response: 2617738  
Conc: 33.99 ng/ml



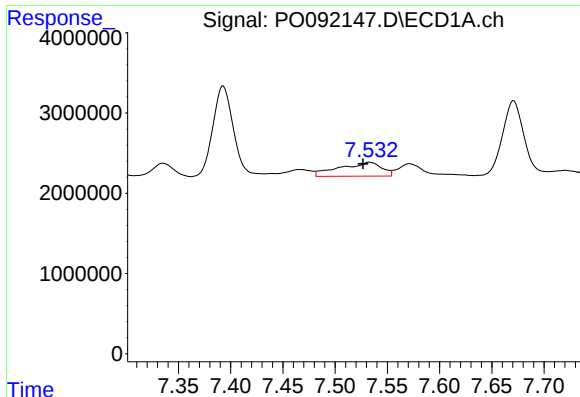
#31 AR-1260-1

R.T.: 7.270 min  
Delta R.T.: 0.007 min  
Response: 3451124  
Conc: 28.74 ng/ml



#31 AR-1260-1

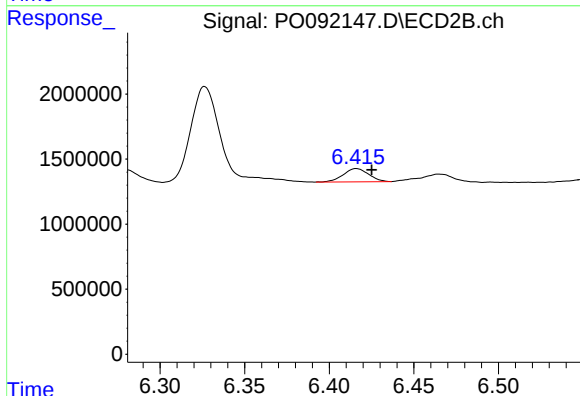
R.T.: 6.242 min  
Delta R.T.: 0.005 min  
Response: 6752408  
Conc: 103.84 ng/ml



#32 AR-1260-2

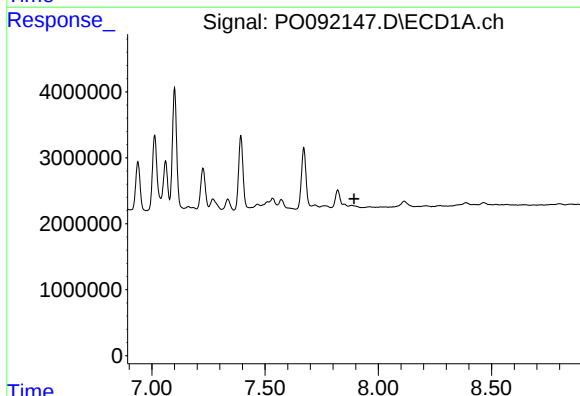
R.T.: 7.533 min  
Delta R.T.: 0.006 min  
Response: 4817991  
Conc: 37.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



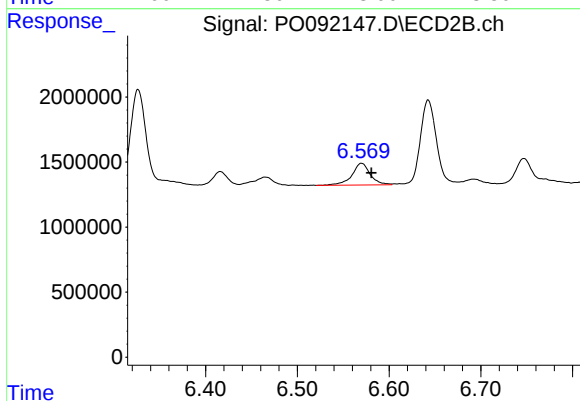
#32 AR-1260-2

R.T.: 6.416 min  
Delta R.T.: -0.009 min  
Response: 1062606  
Conc: 14.51 ng/ml



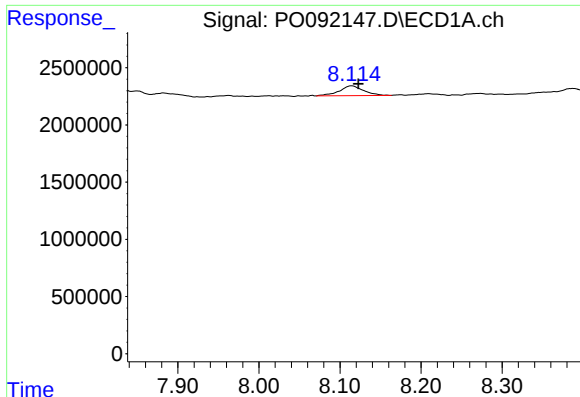
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.893 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

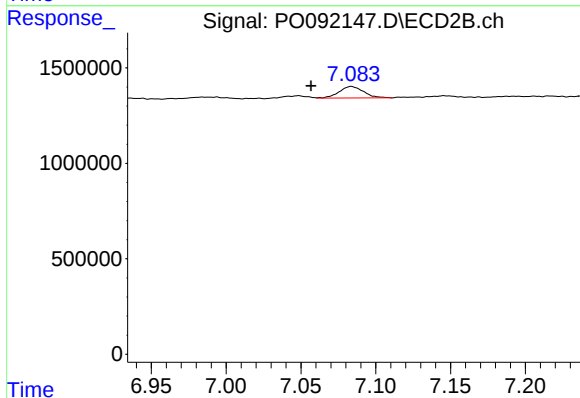
R.T.: 6.570 min  
Delta R.T.: -0.011 min  
Response: 2309637  
Conc: 32.29 ng/ml



#34 AR-1260-4

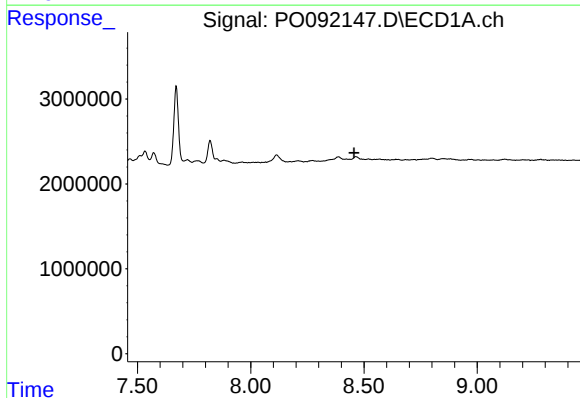
R.T.: 8.115 min  
Delta R.T.: -0.008 min  
Response: 1784675  
Conc: 15.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



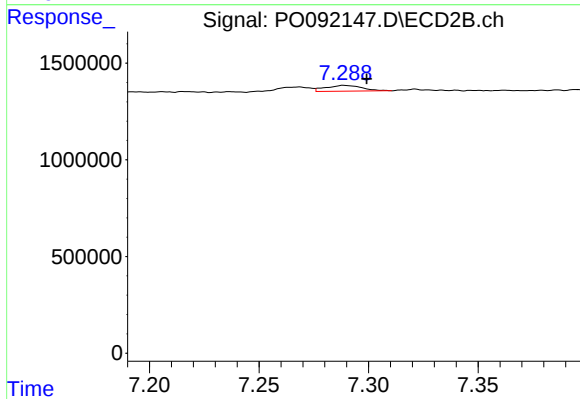
#34 AR-1260-4

R.T.: 7.084 min  
Delta R.T.: 0.027 min  
Response: 685782  
Conc: 12.73 ng/ml



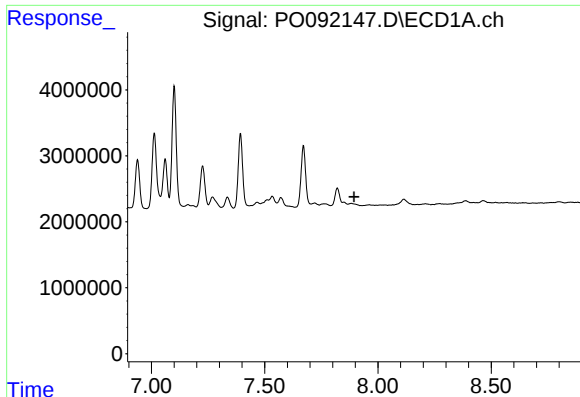
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.456 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

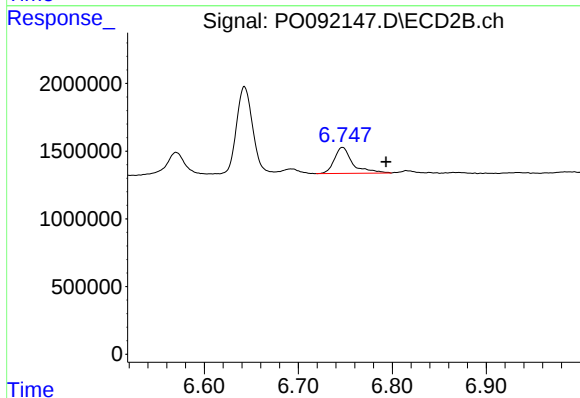
R.T.: 7.289 min  
Delta R.T.: -0.010 min  
Response: 350909  
Conc: 3.13 ng/ml



#36 AR-1262-1

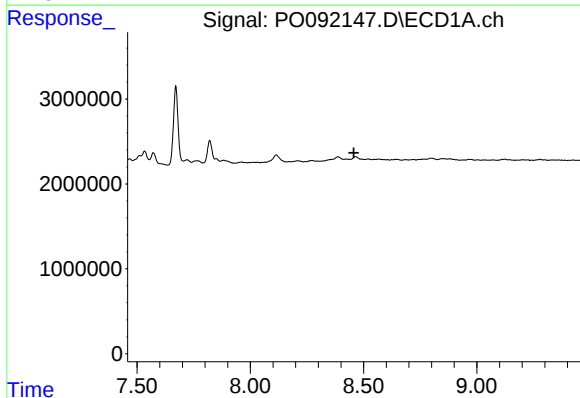
R.T.: 0.000 min  
Exp R.T. : 7.895 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



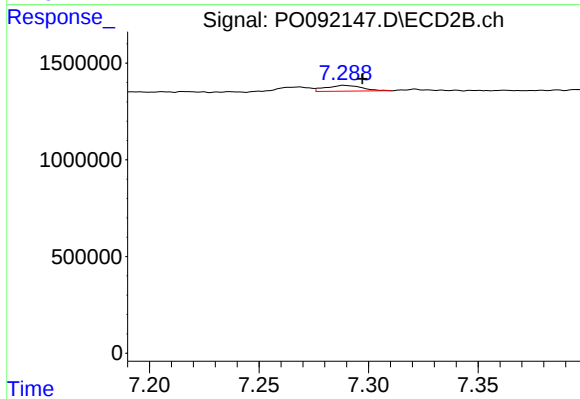
#36 AR-1262-1

R.T.: 6.747 min  
Delta R.T.: -0.047 min  
Response: 2617738  
Conc: 34.17 ng/ml



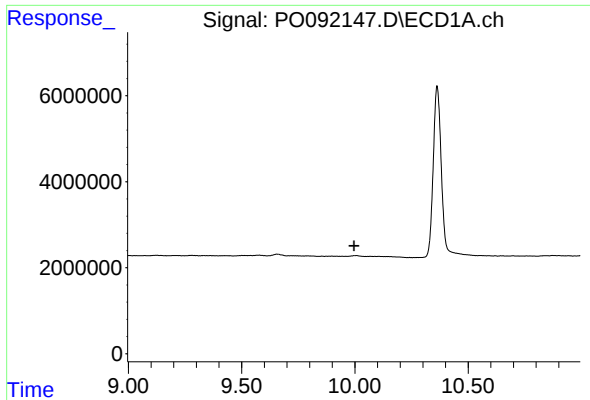
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.457 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

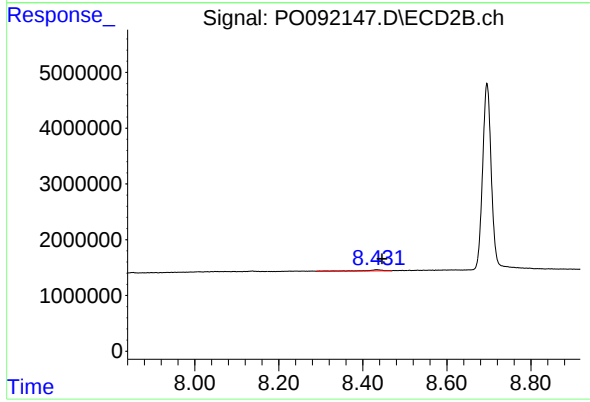
R.T.: 7.289 min  
Delta R.T.: -0.008 min  
Response: 350909  
Conc: 3.03 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.996 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.433 min  
Delta R.T.: -0.013 min  
Response: 533847  
Conc: 1.43 ng/ml