

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0073119\  
 Data File : P0058597.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Jul 2019 10:07  
 Operator : SM/AJ  
 Sample : K4046-06RE  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 DUP-2RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 30 12:16:26 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Jul 27 06:49:05 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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... | 4.173 | 3.521 | 851454  | 741220  | 20.175   | 18.554    |
| 2)                          | SA Decachlor... | 9.658 | 8.410 | 1819090 | 1387712 | 33.590   | 35.156    |
| Target Compounds            |                 |       |       |         |         |          |           |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.810 | 0       | 78544   | N.D.     | 69.158 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.810 | 0       | 78544   | N.D.     | 83.265 #  |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.020 | 0       | 48234   | N.D.     | 39.169 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.810 | 0       | 78544   | N.D.     | 178.598 # |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.850 | 0       | 23093   | N.D.     | 58.422 #  |
| 15)                         | L3 AR-1232-5    | 0.000 | 5.020 | 0       | 48234   | N.D.     | 109.560 # |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.810 | 0       | 78544   | N.D.     | 96.446 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.850 | 0       | 23093   | N.D.     | 28.544 #  |
| 20)                         | L4 AR-1242-5    | 6.194 | 5.364 | 159357  | 377935  | 135.673  | 352.326 # |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.810 | 0       | 78544   | N.D.     | 70.889 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.850 | 0       | 23093   | N.D.     | 20.289 #  |
| 24)                         | L5 AR-1248-4    | 6.194 | 5.020 | 159357  | 48234   | 78.685   | 34.527 #  |
| 25)                         | L5 AR-1248-5    | 6.194 | 5.405 | 159357  | 31524   | 82.554   | 22.757 #  |
| 26)                         | L6 AR-1254-1    | 6.165 | 5.364 | 410206  | 377935  | 173.721  | 145.891   |
| 27)                         | L6 AR-1254-2    | 6.381 | 5.510 | 1014210 | 515896  | 263.161  | 225.338   |
| 28)                         | L6 AR-1254-3    | 6.745 | 5.907 | 1435268 | 1226195 | 354.419  | 333.263   |
| 29)                         | L6 AR-1254-4    | 7.028 | 6.134 | 1064675 | 651583  | 295.690  | 280.225   |
| 30)                         | L6 AR-1254-5    | 7.468 | 6.543 | 9695734 | 6940143 | 2674.861 | 2011.895  |
| 31)                         | L7 AR-1260-1    | 6.903 | 6.033 | 525307  | 535845  | 182.452  | 225.140   |
| 32)                         | L7 AR-1260-2    | 7.160 | 6.221 | 2375163 | 562504  | 570.945  | 185.688 # |
| 33)                         | L7 AR-1260-3    | 7.510 | 6.370 | 582233  | 553773  | 156.348  | 205.113 # |
| 34)                         | L7 AR-1260-4    | 7.749 | 6.827 | 1448075 | 608270  | 424.932  | 269.202 # |
| 35)                         | L7 AR-1260-5    | 8.042 | 7.077 | 406888  | 320658  | 55.323   | 59.543    |
| 36)                         | L8 AR-1262-1    | 7.510 | 6.571 | 582233  | 812109  | 115.516  | 227.371 # |
| 37)                         | L8 AR-1262-2    | 8.042 | 7.077 | 406888  | 320658  | 51.122   | 56.794    |
| 38)                         | L8 AR-1262-3    | 8.321 | 7.353 | 3161824 | 2229383 | 621.988  | 903.294 # |
| 39)                         | L8 AR-1262-4    | 8.408 | 7.419 | 2075625 | 1735046 | 547.719  | 408.613 # |
| 40)                         | L8 AR-1262-5    | 9.004 | 7.910 | 476068  | 365448  | 207.207  | 214.920   |
| 41)                         | L9 AR-1268-1    | 8.321 | 7.353 | 3161824 | 2229383 | 283.076  | 273.711   |
| 42)                         | L9 AR-1268-2    | 8.408 | 7.419 | 2075625 | 1735046 | 220.973  | 228.985   |
| 43)                         | L9 AR-1268-3    | 8.609 | 7.616 | 3145305 | 2421401 | 380.829  | 378.821   |
| 44)                         | L9 AR-1268-4    | 9.004 | 7.910 | 476068  | 365448  | 159.258  | 157.475   |
| 45)                         | L9 AR-1268-5    | 9.367 | 8.180 | 7087764 | 5750324 | 330.134  | 335.532   |
| -----                       |                 |       |       |         |         |          |           |

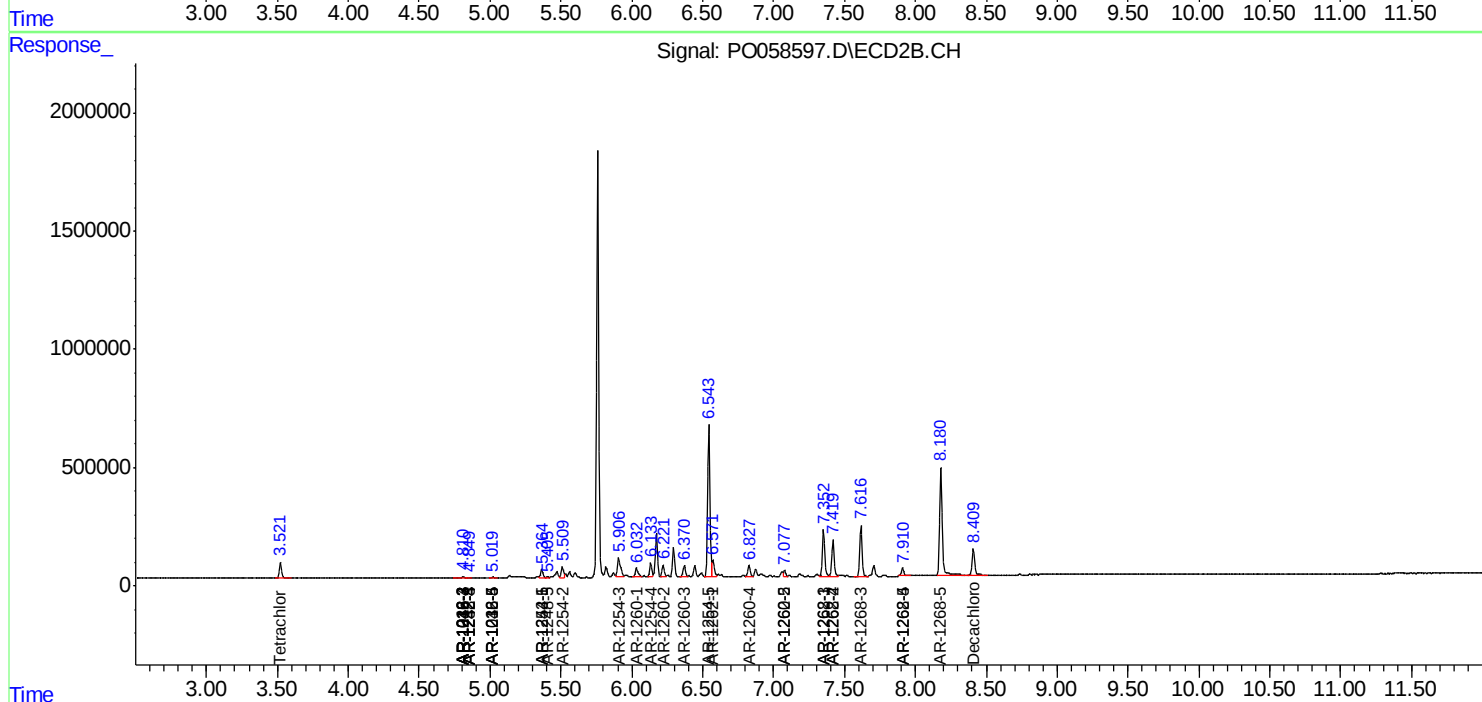
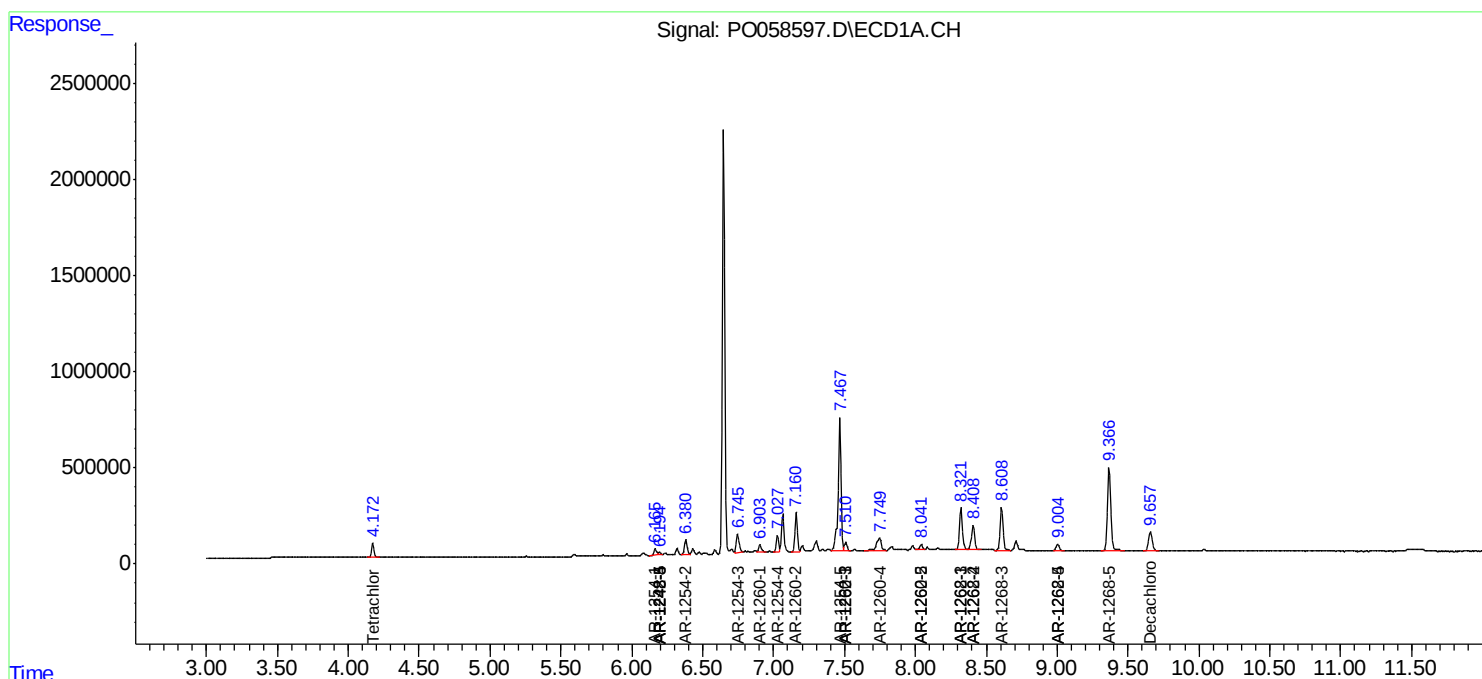
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

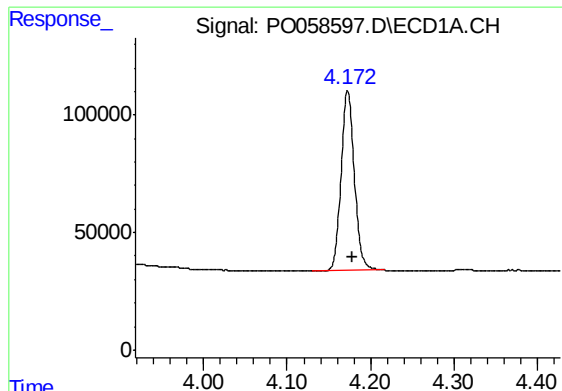
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO073119\  
Data File : PO058597.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Jul 2019 10:07  
Operator : SM/AJ  
Sample : K4046-06RE  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 12:16:26 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO072819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Jul 27 06:49:05 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

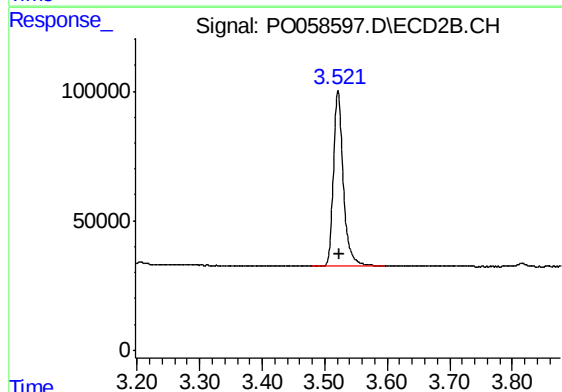




#1 Tetrachloro-m-xylene

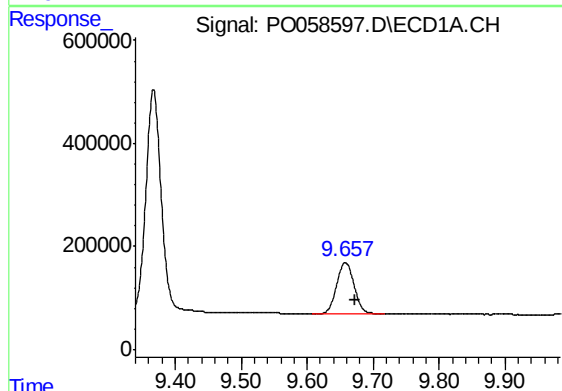
R.T.: 4.173 min  
Delta R.T.: -0.006 min  
Response: 851454  
Conc: 20.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



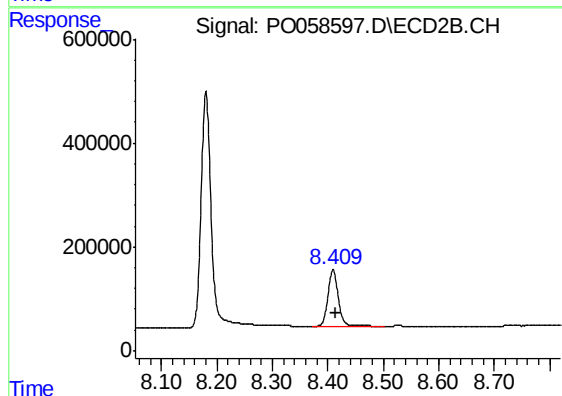
#1 Tetrachloro-m-xylene

R.T.: 3.521 min  
Delta R.T.: -0.004 min  
Response: 741220  
Conc: 18.55 ng/ml



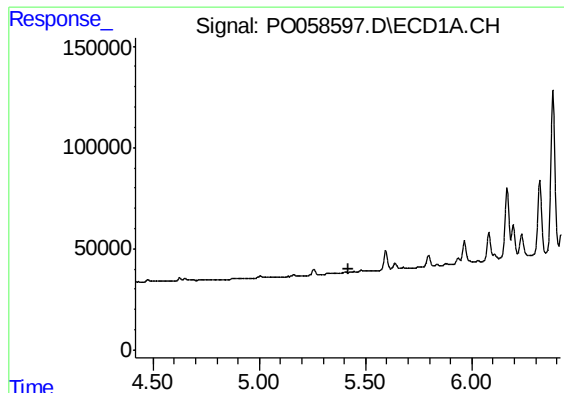
#2 Decachlorobiphenyl

R.T.: 9.658 min  
Delta R.T.: -0.015 min  
Response: 1819090  
Conc: 33.59 ng/ml



#2 Decachlorobiphenyl

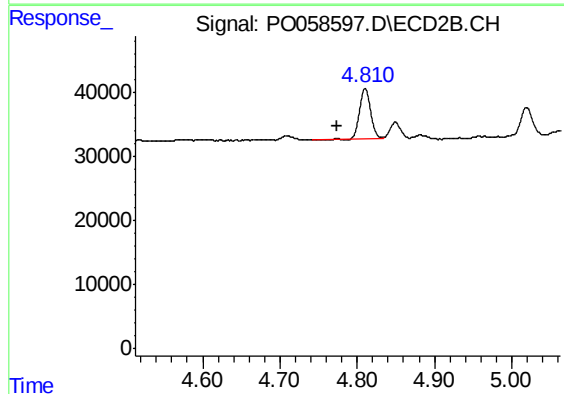
R.T.: 8.410 min  
Delta R.T.: -0.004 min  
Response: 1387712  
Conc: 35.16 ng/ml



#5 AR-1016-3

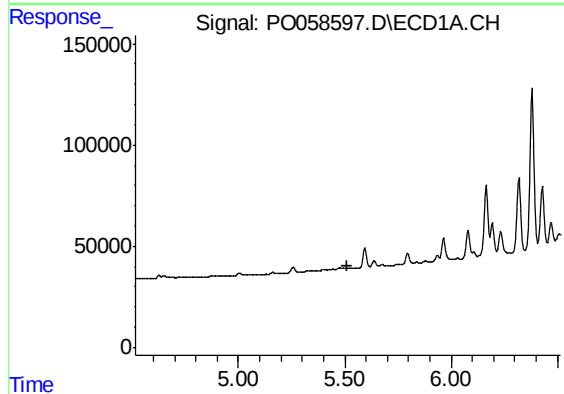
R.T.: 0.000 min  
Exp R.T. : 5.417 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



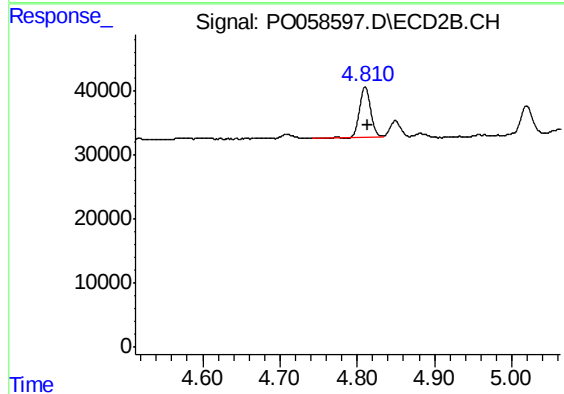
#5 AR-1016-3

R.T.: 4.810 min  
Delta R.T.: 0.037 min  
Response: 78544  
Conc: 69.16 ng/ml



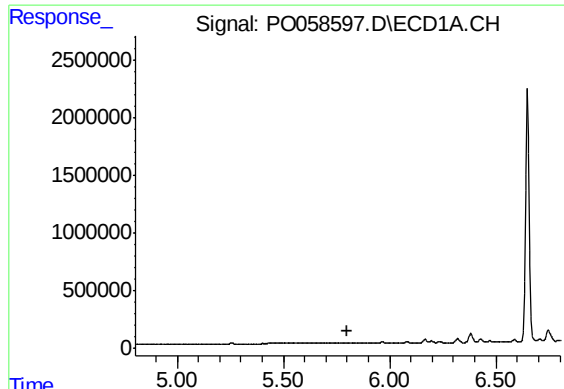
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.515 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

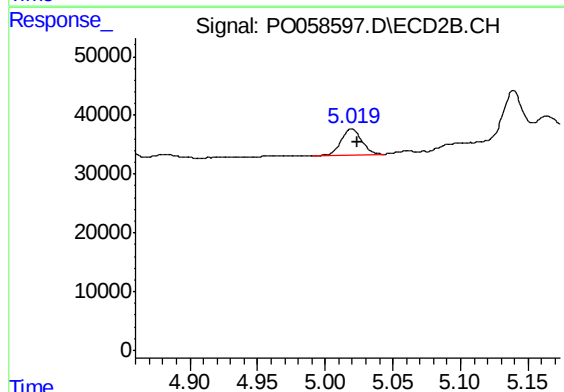
R.T.: 4.810 min  
Delta R.T.: -0.004 min  
Response: 78544  
Conc: 83.27 ng/ml



#7 AR-1016-5

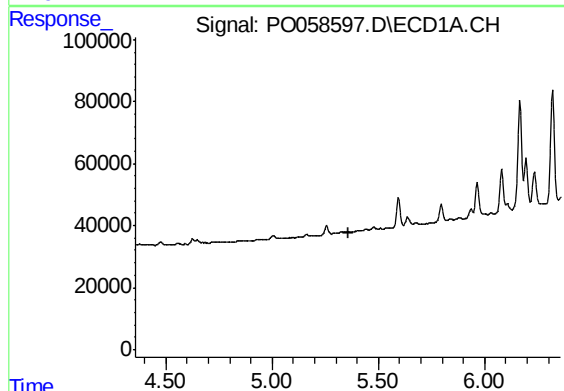
R.T.: 0.000 min  
Exp R.T. : 5.803 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



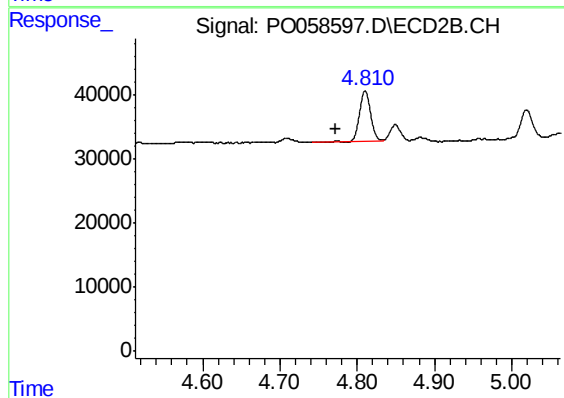
#7 AR-1016-5

R.T.: 5.020 min  
Delta R.T.: -0.004 min  
Response: 48234  
Conc: 39.17 ng/ml



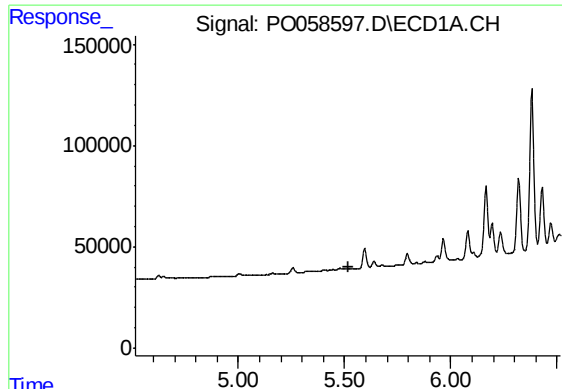
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.357 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

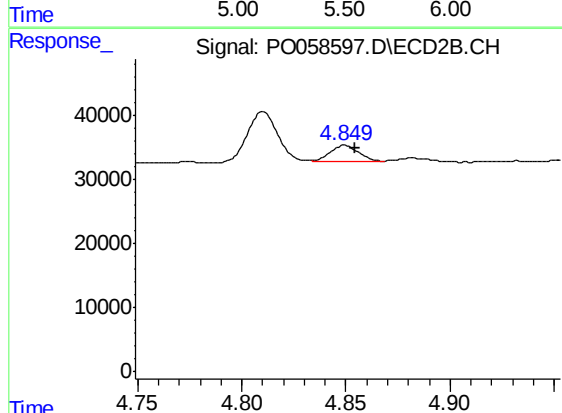
R.T.: 4.810 min  
Delta R.T.: 0.037 min  
Response: 78544  
Conc: 178.60 ng/ml



#14 AR-1232-4

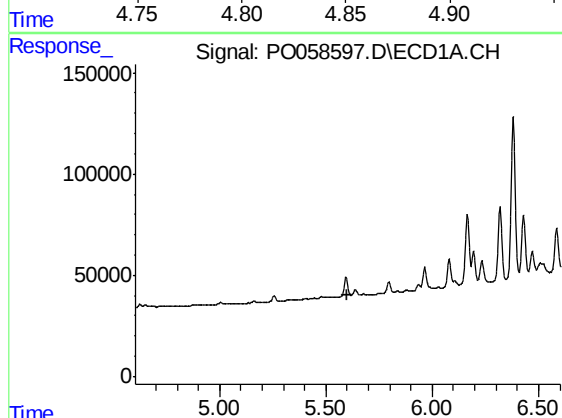
R.T.: 0.000 min  
Exp R.T. : 5.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



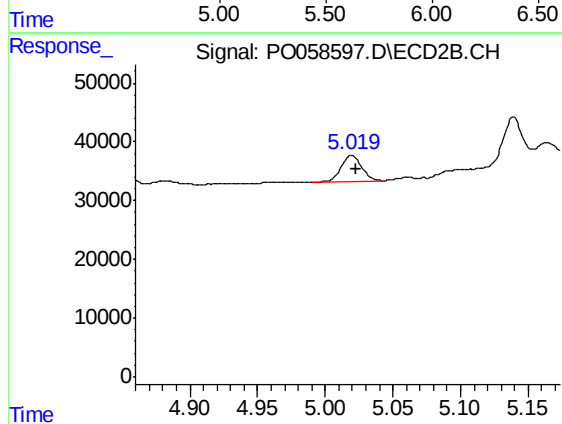
#14 AR-1232-4

R.T.: 4.850 min  
Delta R.T.: -0.005 min  
Response: 23093  
Conc: 58.42 ng/ml



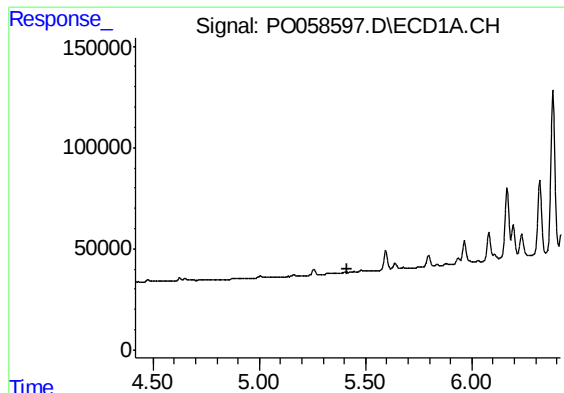
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.603 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

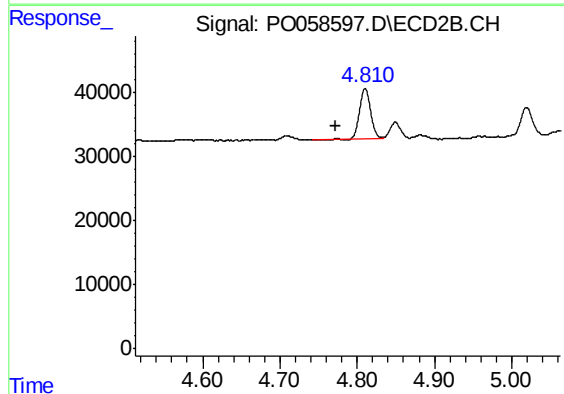
R.T.: 5.020 min  
Delta R.T.: -0.004 min  
Response: 48234  
Conc: 109.56 ng/ml



#18 AR-1242-3

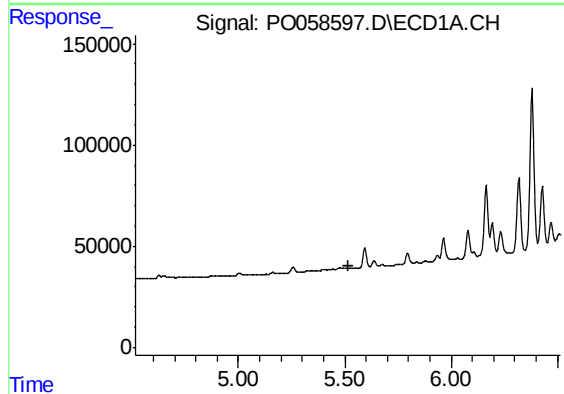
R.T.: 0.000 min  
Exp R.T. : 5.417 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



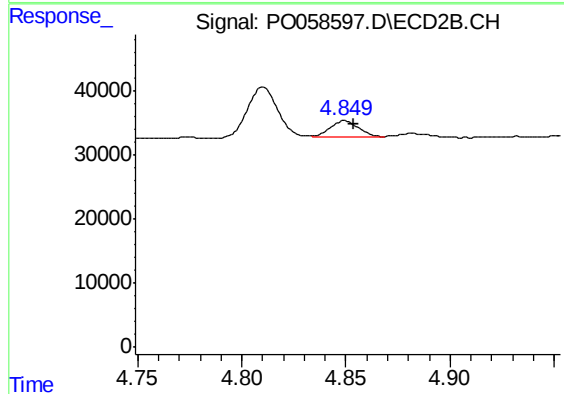
#18 AR-1242-3

R.T.: 4.810 min  
Delta R.T.: 0.037 min  
Response: 78544  
Conc: 96.45 ng/ml



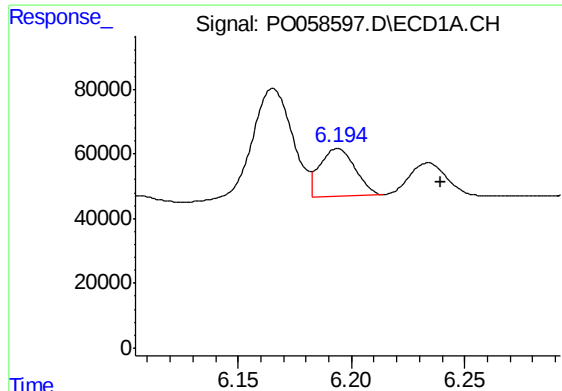
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.515 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

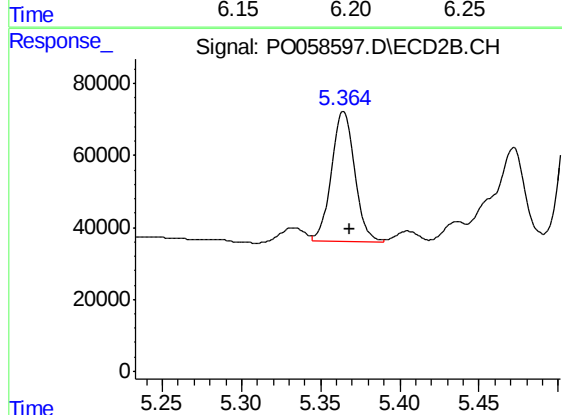
R.T.: 4.850 min  
Delta R.T.: -0.004 min  
Response: 23093  
Conc: 28.54 ng/ml



#20 AR-1242-5

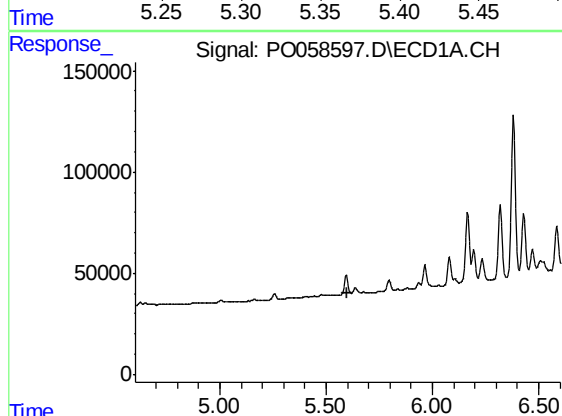
R.T.: 6.194 min  
Delta R.T.: -0.045 min  
Response: 159357  
Conc: 135.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



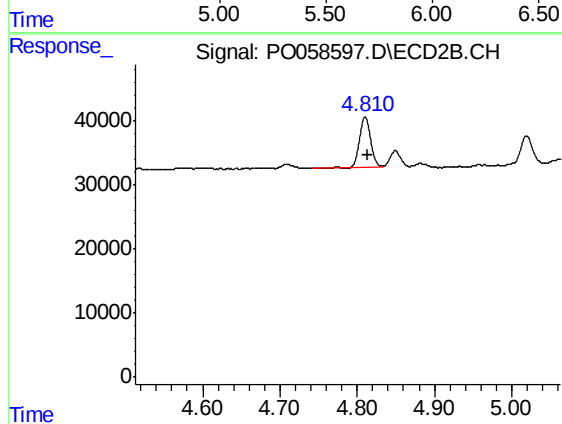
#20 AR-1242-5

R.T.: 5.364 min  
Delta R.T.: -0.004 min  
Response: 377935  
Conc: 352.33 ng/ml



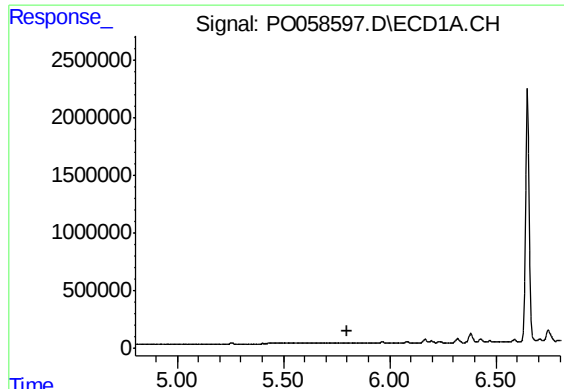
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.602 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

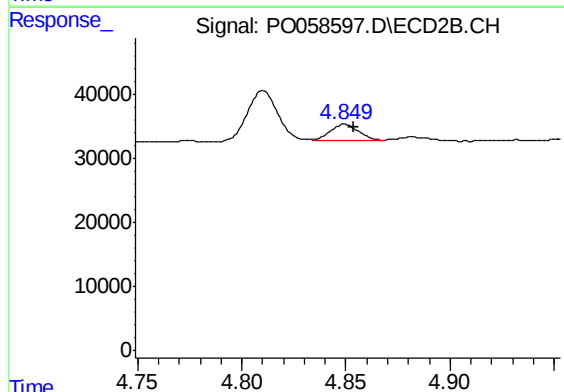
R.T.: 4.810 min  
Delta R.T.: -0.004 min  
Response: 78544  
Conc: 70.89 ng/ml



#23 AR-1248-3

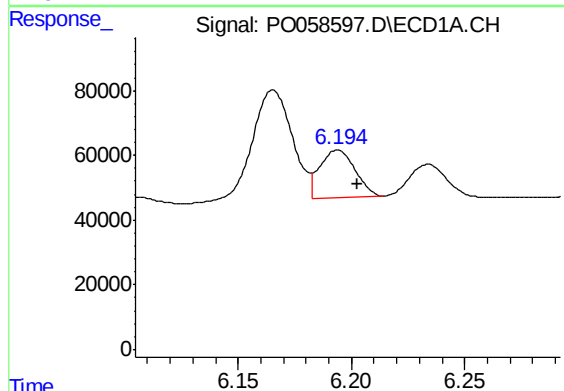
R.T.: 0.000 min  
Exp R.T.: 5.803 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



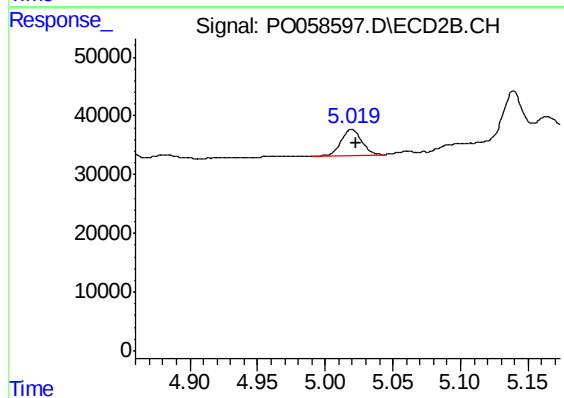
#23 AR-1248-3

R.T.: 4.850 min  
Delta R.T.: -0.004 min  
Response: 23093  
Conc: 20.29 ng/ml



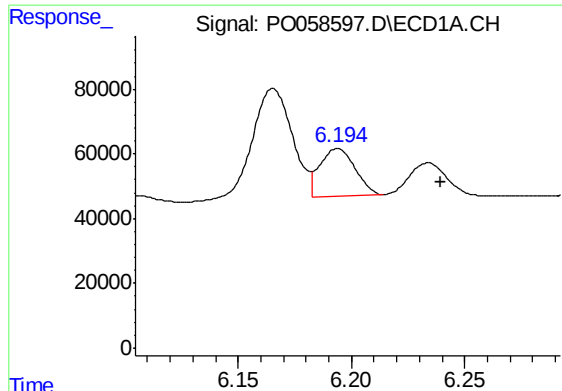
#24 AR-1248-4

R.T.: 6.194 min  
Delta R.T.: -0.009 min  
Response: 159357  
Conc: 78.69 ng/ml



#24 AR-1248-4

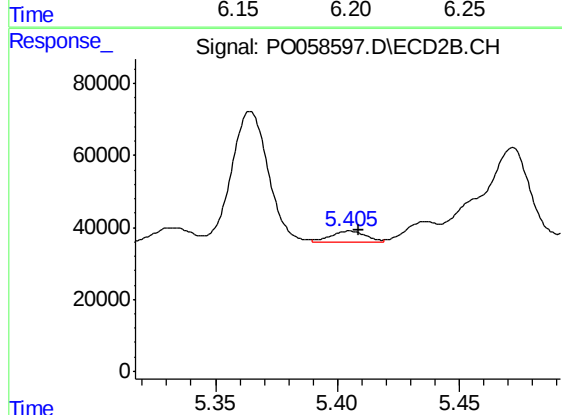
R.T.: 5.020 min  
Delta R.T.: -0.003 min  
Response: 48234  
Conc: 34.53 ng/ml



#25 AR-1248-5

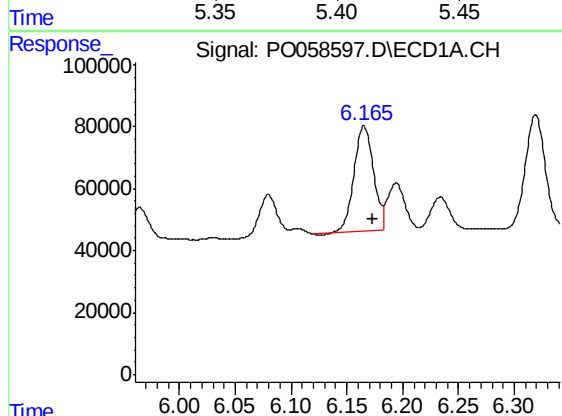
R.T.: 6.194 min  
Delta R.T.: -0.045 min  
Response: 159357  
Conc: 82.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



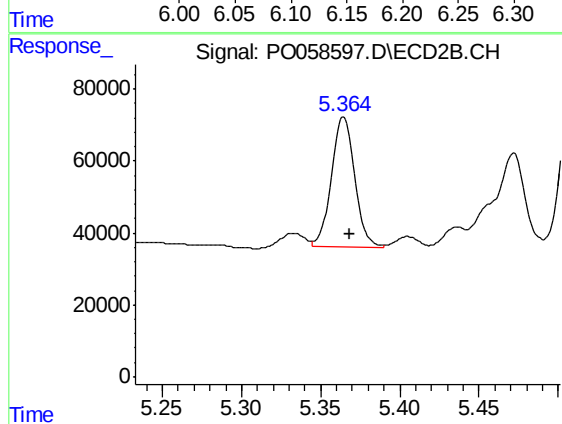
#25 AR-1248-5

R.T.: 5.405 min  
Delta R.T.: -0.004 min  
Response: 31524  
Conc: 22.76 ng/ml



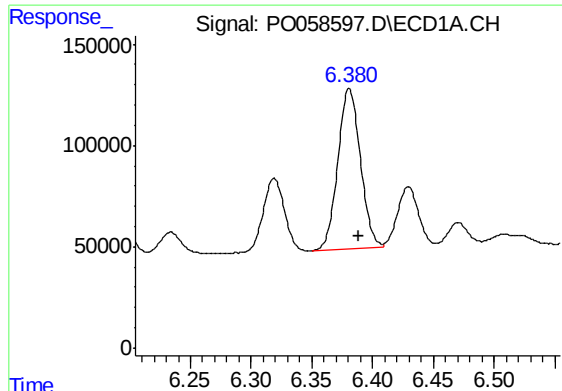
#26 AR-1254-1

R.T.: 6.165 min  
Delta R.T.: -0.008 min  
Response: 410206  
Conc: 173.72 ng/ml



#26 AR-1254-1

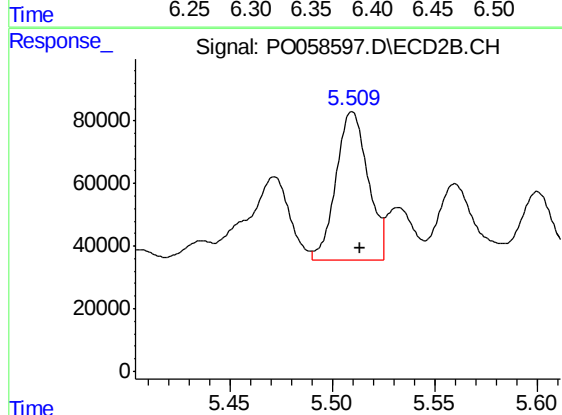
R.T.: 5.364 min  
Delta R.T.: -0.004 min  
Response: 377935  
Conc: 145.89 ng/ml



#27 AR-1254-2

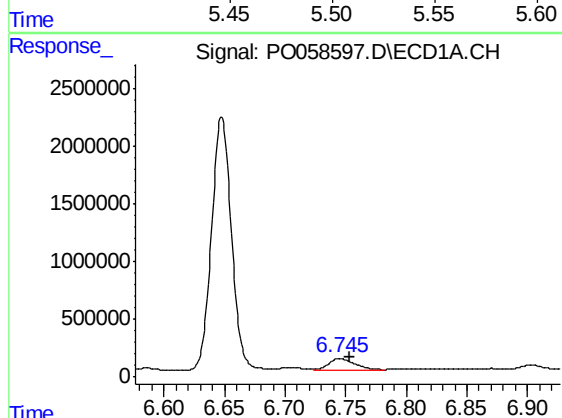
R.T.: 6.381 min  
Delta R.T.: -0.008 min  
Response: 1014210  
Conc: 263.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



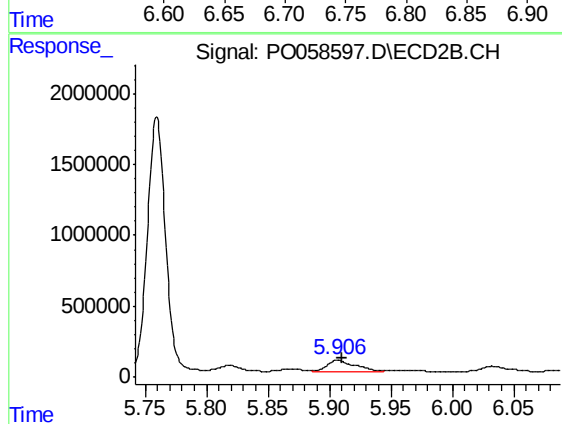
#27 AR-1254-2

R.T.: 5.510 min  
Delta R.T.: -0.004 min  
Response: 515896  
Conc: 225.34 ng/ml



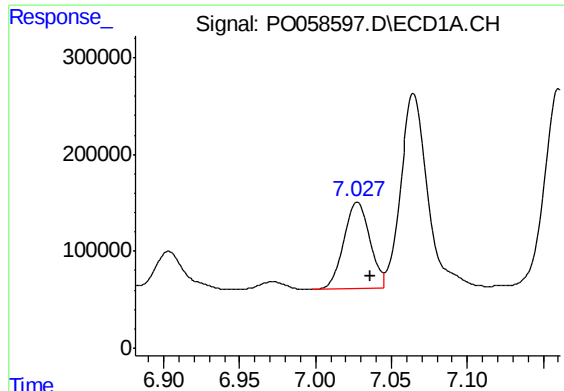
#28 AR-1254-3

R.T.: 6.745 min  
Delta R.T.: -0.008 min  
Response: 1435268  
Conc: 354.42 ng/ml



#28 AR-1254-3

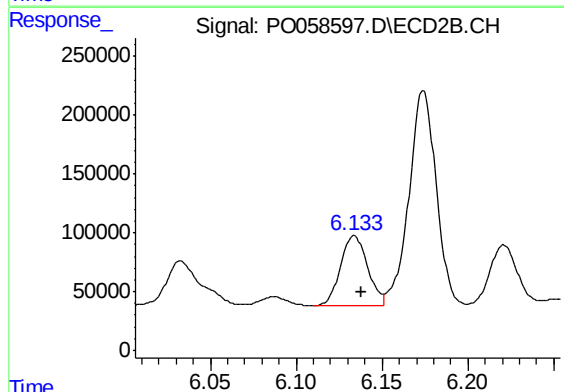
R.T.: 5.907 min  
Delta R.T.: -0.004 min  
Response: 1226195  
Conc: 333.26 ng/ml



#29 AR-1254-4

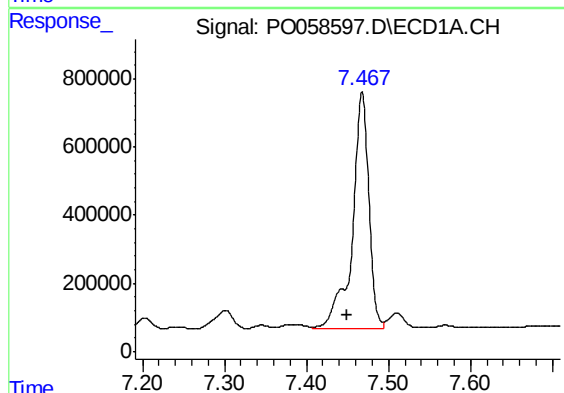
R.T.: 7.028 min  
Delta R.T.: -0.009 min  
Response: 1064675  
Conc: 295.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



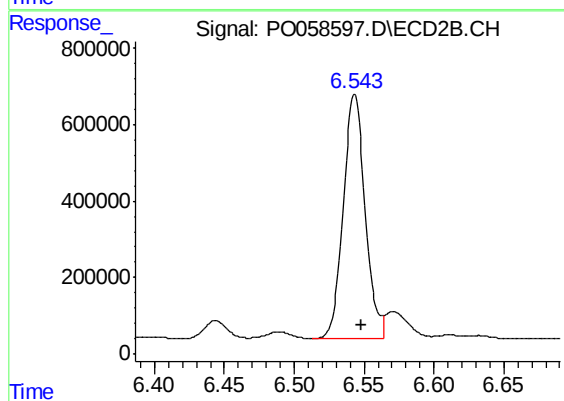
#29 AR-1254-4

R.T.: 6.134 min  
Delta R.T.: -0.004 min  
Response: 651583  
Conc: 280.22 ng/ml



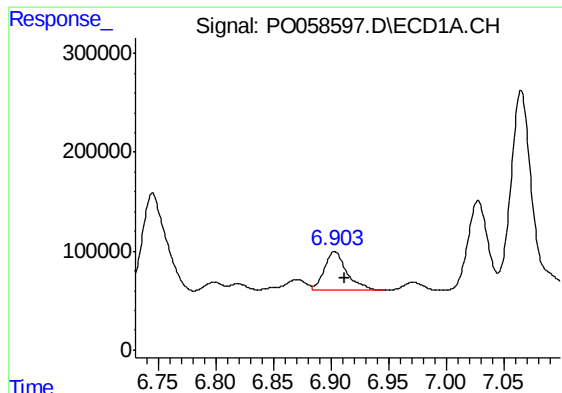
#30 AR-1254-5

R.T.: 7.468 min  
Delta R.T.: 0.017 min  
Response: 9695734  
Conc: 2674.86 ng/ml



#30 AR-1254-5

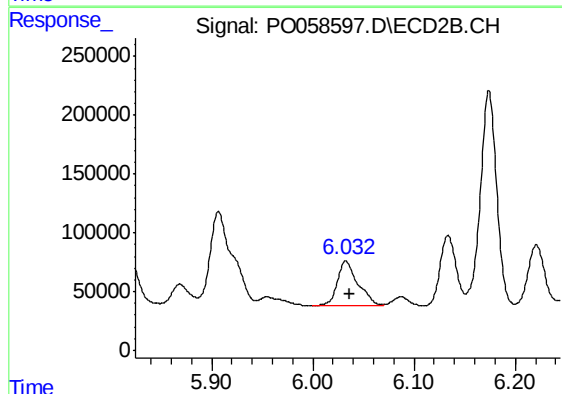
R.T.: 6.543 min  
Delta R.T.: -0.005 min  
Response: 6940143  
Conc: 2011.90 ng/ml



#31 AR-1260-1

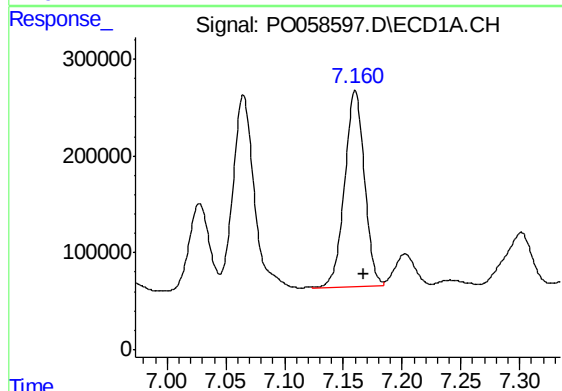
R.T.: 6.903 min  
Delta R.T.: -0.009 min  
Response: 525307  
Conc: 182.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



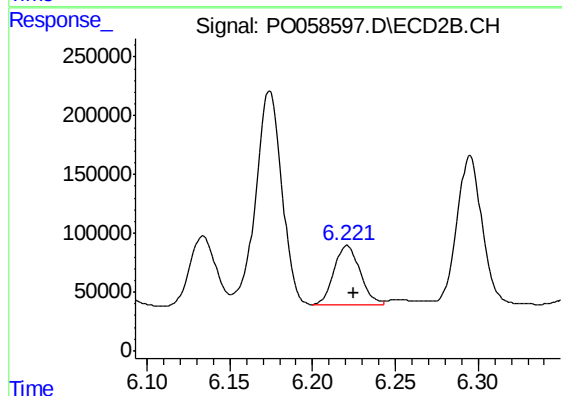
#31 AR-1260-1

R.T.: 6.033 min  
Delta R.T.: -0.004 min  
Response: 535845  
Conc: 225.14 ng/ml



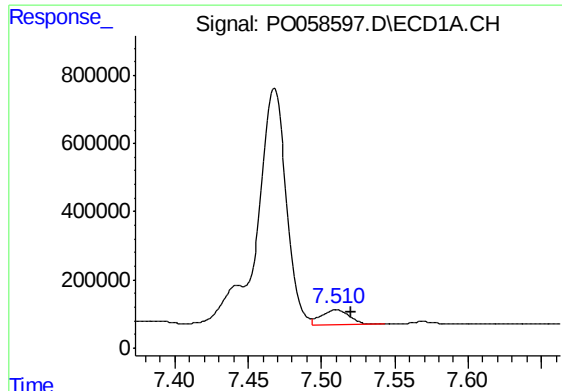
#32 AR-1260-2

R.T.: 7.160 min  
Delta R.T.: -0.007 min  
Response: 2375163  
Conc: 570.94 ng/ml



#32 AR-1260-2

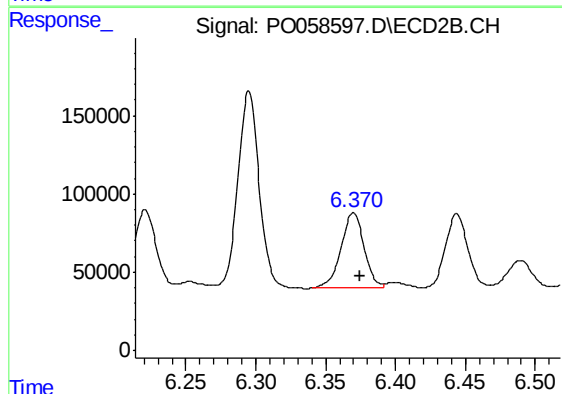
R.T.: 6.221 min  
Delta R.T.: -0.004 min  
Response: 562504  
Conc: 185.69 ng/ml



#33 AR-1260-3

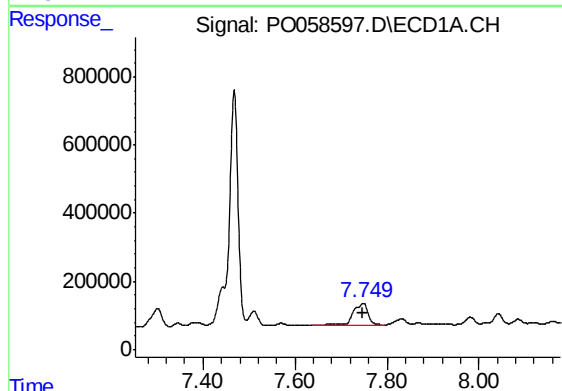
R.T.: 7.510 min  
Delta R.T.: -0.010 min  
Response: 582233  
Conc: 156.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



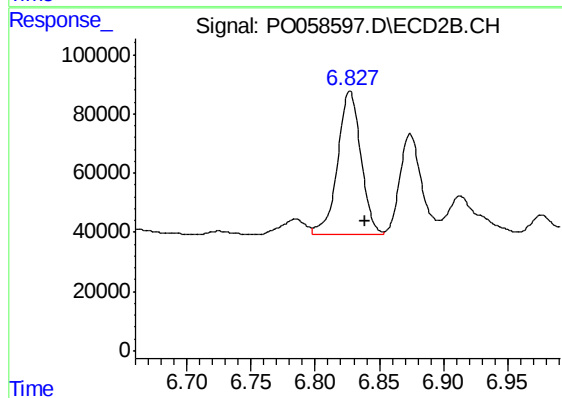
#33 AR-1260-3

R.T.: 6.370 min  
Delta R.T.: -0.005 min  
Response: 553773  
Conc: 205.11 ng/ml



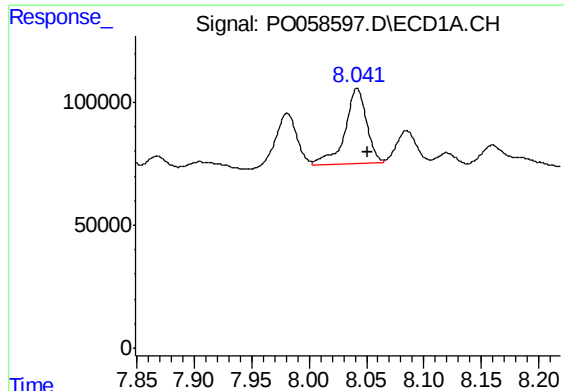
#34 AR-1260-4

R.T.: 7.749 min  
Delta R.T.: 0.003 min  
Response: 1448075  
Conc: 424.93 ng/ml



#34 AR-1260-4

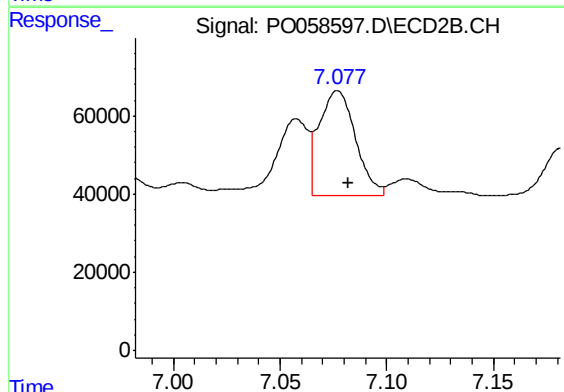
R.T.: 6.827 min  
Delta R.T.: -0.012 min  
Response: 608270  
Conc: 269.20 ng/ml



#35 AR-1260-5

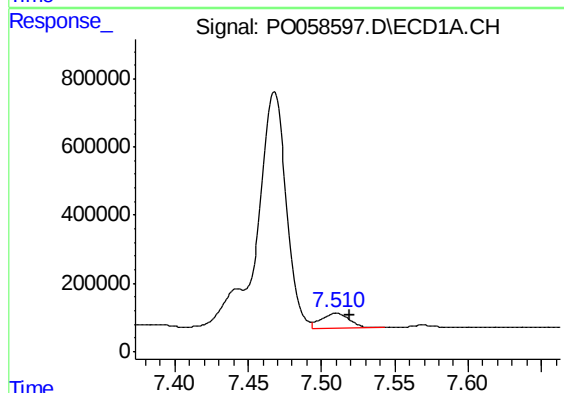
R.T.: 8.042 min  
Delta R.T.: -0.010 min  
Response: 406888  
Conc: 55.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



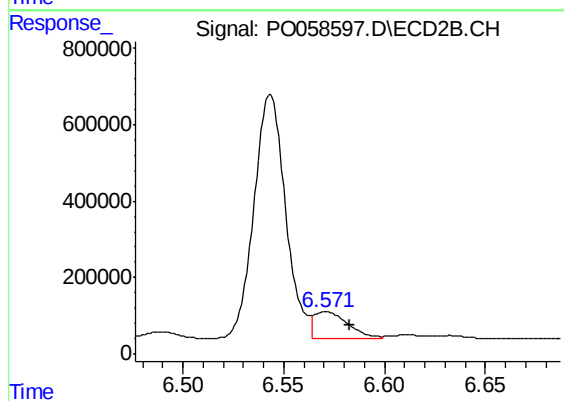
#35 AR-1260-5

R.T.: 7.077 min  
Delta R.T.: -0.005 min  
Response: 320658  
Conc: 59.54 ng/ml



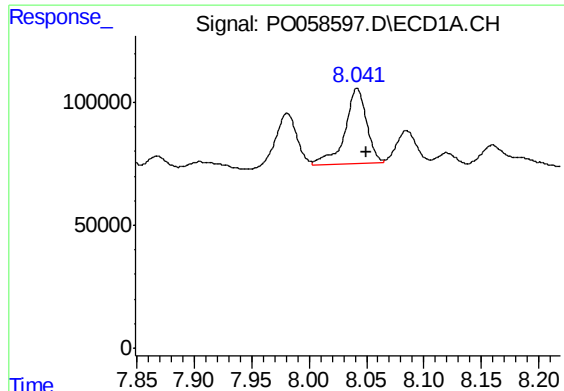
#36 AR-1262-1

R.T.: 7.510 min  
Delta R.T.: -0.010 min  
Response: 582233  
Conc: 115.52 ng/ml



#36 AR-1262-1

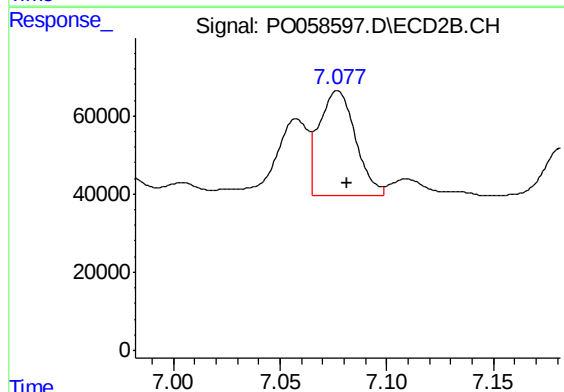
R.T.: 6.571 min  
Delta R.T.: -0.012 min  
Response: 812109  
Conc: 227.37 ng/ml



#37 AR-1262-2

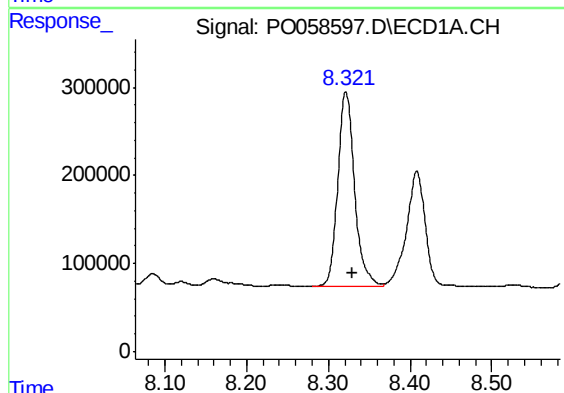
R.T.: 8.042 min  
Delta R.T.: -0.008 min  
Response: 406888  
Conc: 51.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



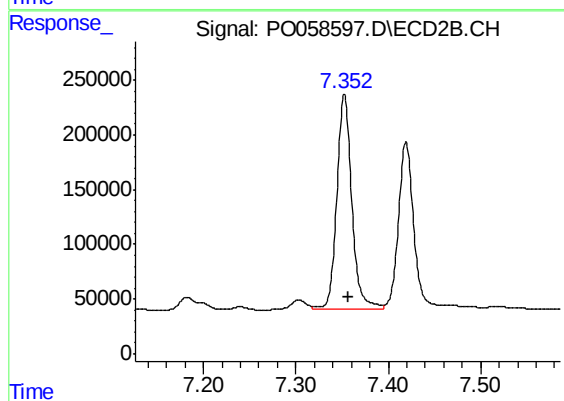
#37 AR-1262-2

R.T.: 7.077 min  
Delta R.T.: -0.005 min  
Response: 320658  
Conc: 56.79 ng/ml



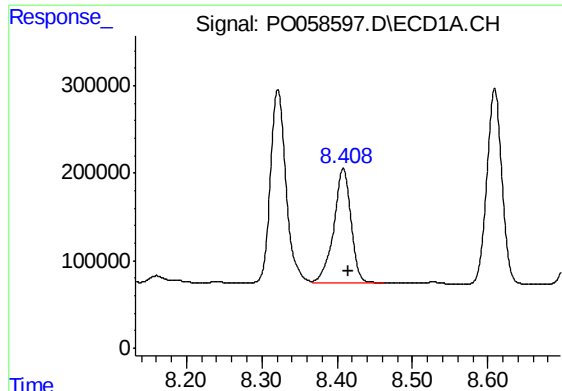
#38 AR-1262-3

R.T.: 8.321 min  
Delta R.T.: -0.008 min  
Response: 3161824  
Conc: 621.99 ng/ml



#38 AR-1262-3

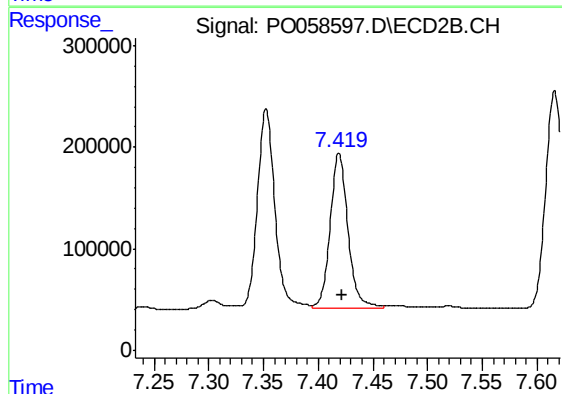
R.T.: 7.353 min  
Delta R.T.: -0.004 min  
Response: 2229383  
Conc: 903.29 ng/ml



#39 AR-1262-4

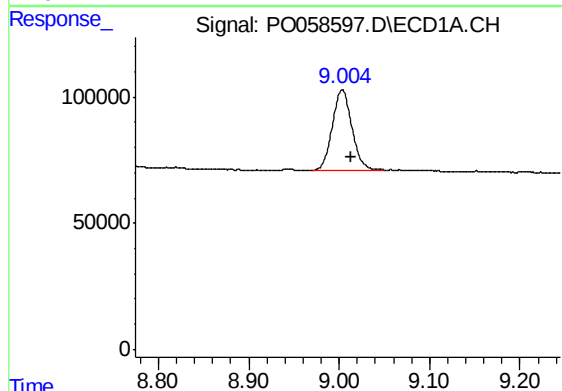
R.T.: 8.408 min  
Delta R.T.: -0.007 min  
Response: 2075625  
Conc: 547.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



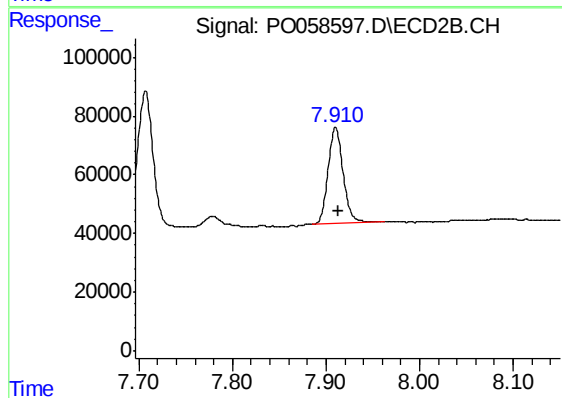
#39 AR-1262-4

R.T.: 7.419 min  
Delta R.T.: -0.003 min  
Response: 1735046  
Conc: 408.61 ng/ml



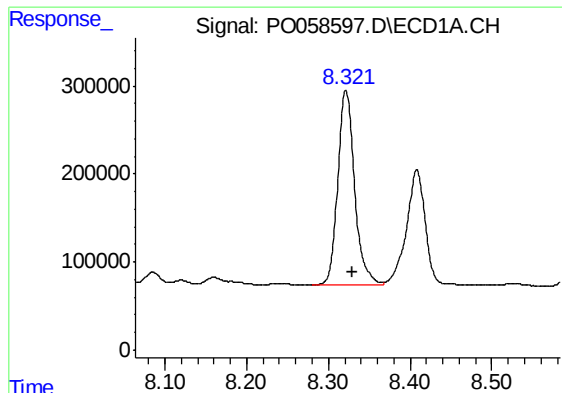
#40 AR-1262-5

R.T.: 9.004 min  
Delta R.T.: -0.010 min  
Response: 476068  
Conc: 207.21 ng/ml



#40 AR-1262-5

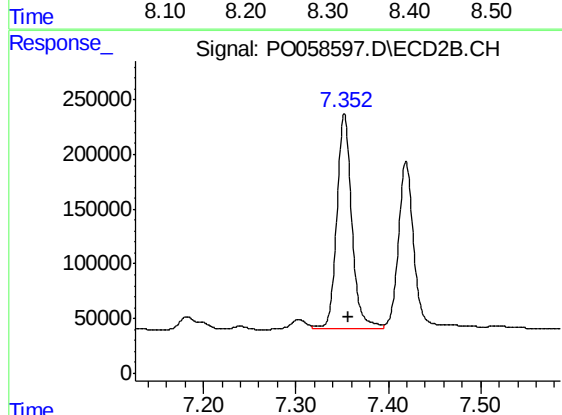
R.T.: 7.910 min  
Delta R.T.: -0.004 min  
Response: 365448  
Conc: 214.92 ng/ml



#41 AR-1268-1

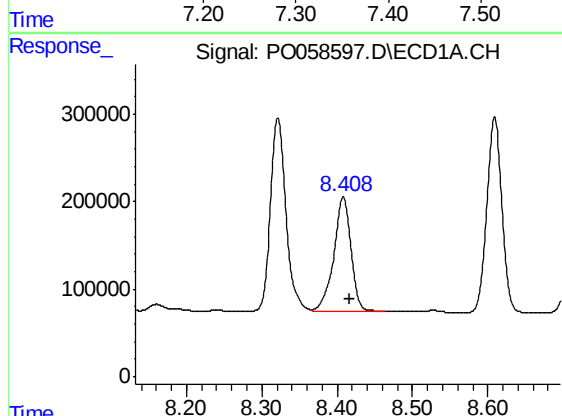
R.T.: 8.321 min  
Delta R.T.: -0.008 min  
Response: 3161824  
Conc: 283.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



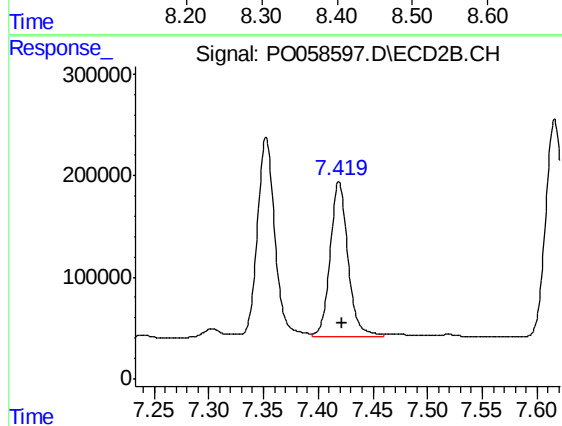
#41 AR-1268-1

R.T.: 7.353 min  
Delta R.T.: -0.004 min  
Response: 2229383  
Conc: 273.71 ng/ml



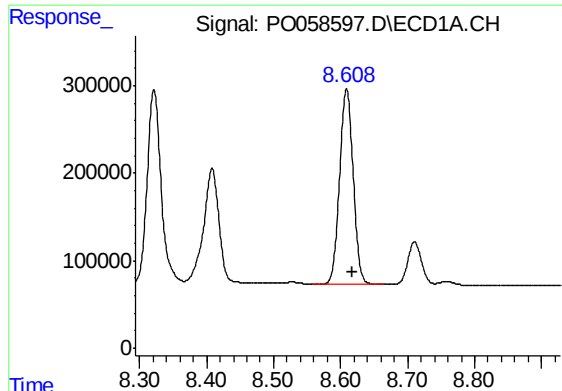
#42 AR-1268-2

R.T.: 8.408 min  
Delta R.T.: -0.008 min  
Response: 2075625  
Conc: 220.97 ng/ml



#42 AR-1268-2

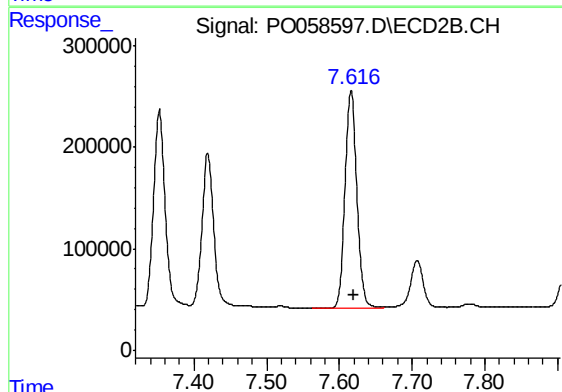
R.T.: 7.419 min  
Delta R.T.: -0.003 min  
Response: 1735046  
Conc: 228.98 ng/ml



#43 AR-1268-3

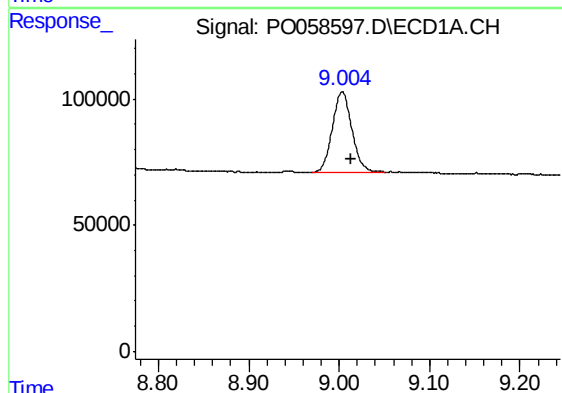
R.T.: 8.609 min  
Delta R.T.: -0.008 min  
Response: 3145305  
Conc: 380.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



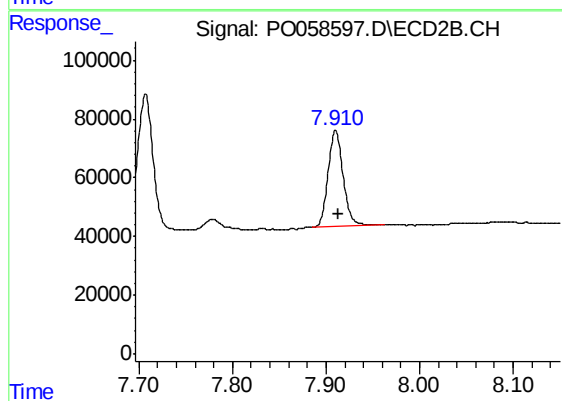
#43 AR-1268-3

R.T.: 7.616 min  
Delta R.T.: -0.003 min  
Response: 2421401  
Conc: 378.82 ng/ml



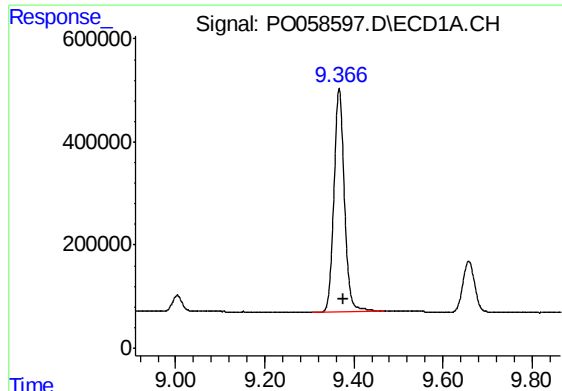
#44 AR-1268-4

R.T.: 9.004 min  
Delta R.T.: -0.010 min  
Response: 476068  
Conc: 159.26 ng/ml



#44 AR-1268-4

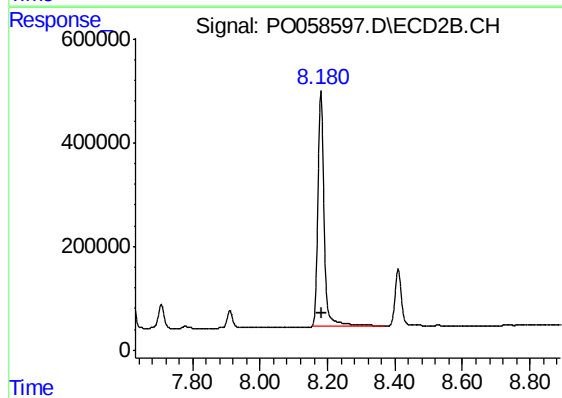
R.T.: 7.910 min  
Delta R.T.: -0.003 min  
Response: 365448  
Conc: 157.47 ng/ml



#45 AR-1268-5

R.T.: 9.367 min  
Delta R.T.: -0.010 min  
Response: 7087764  
Conc: 330.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
DUP-2RE



#45 AR-1268-5

R.T.: 8.180 min  
Delta R.T.: -0.003 min  
Response: 5750324  
Conc: 335.53 ng/ml