

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071819\  
 Data File : P0058027.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 17 Jul 2019 11:00  
 Operator : SM/AJ  
 Sample : K3848-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 S9-02-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 11:46:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0071719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 17 11:13:08 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... | 4.199 | 3.539 | 728749 | 674332 | 21.505  | 21.025    |
| 2)                          | SA Decachlor... | 9.719 | 8.444 | 948980 | 605172 | 18.550  | 17.656    |
| Target Compounds            |                 |       |       |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 5.371 | 0.000 | 17846  | 0      | 11.564  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.371 | 0.000 | 17846  | 0      | 7.901   | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.371 | 0.000 | 17846  | 0      | 12.610  | N.D. #    |
| 7)                          | L1 AR-1016-5    | 5.770 | 0.000 | 33716  | 0      | 29.393  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.371 | 0.000 | 17846  | 0      | 17.919  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.371 | 0.000 | 17846  | 0      | 14.571  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.371 | 0.000 | 17846  | 0      | 9.720   | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.371 | 0.000 | 17846  | 0      | 15.370  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.226 | 5.388 | 32271  | 25200  | 27.868  | 26.447    |
| 21)                         | L5 AR-1248-1    | 5.371 | 0.000 | 17846  | 0      | 19.090  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 5.770 | 0.000 | 33716  | 0      | 21.749  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.226 | 0.000 | 32271  | 0      | 16.483  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.226 | 5.388 | 32271  | 25200  | 16.933  | 19.934    |
| 26)                         | L6 AR-1254-1    | 6.199 | 5.388 | 35378  | 25200  | 18.002  | 12.368 #  |
| 27)                         | L6 AR-1254-2    | 6.413 | 5.534 | 94348  | 55566  | 28.861  | 30.664    |
| 28)                         | L6 AR-1254-3    | 6.778 | 5.932 | 244235 | 225370 | 69.232  | 76.959    |
| 29)                         | L6 AR-1254-4    | 7.062 | 6.159 | 212175 | 136179 | 71.709  | 73.704    |
| 30)                         | L6 AR-1254-5    | 7.476 | 6.570 | 470299 | 381374 | 160.225 | 140.289   |
| 31)                         | L7 AR-1260-1    | 6.937 | 6.059 | 157972 | 123277 | 63.160  | 60.872    |
| 32)                         | L7 AR-1260-2    | 7.192 | 6.247 | 290904 | 167005 | 82.740  | 64.941    |
| 33)                         | L7 AR-1260-3    | 7.546 | 6.396 | 173773 | 109703 | 59.183  | 48.100    |
| 34)                         | L7 AR-1260-4    | 7.766 | 6.856 | 316840 | 104097 | 115.985 | 53.762 #  |
| 35)                         | L7 AR-1260-5    | 8.079 | 7.103 | 118006 | 146889 | 20.341  | 31.915 #  |
| 36)                         | L8 AR-1262-1    | 7.546 | 6.604 | 173773 | 138105 | 31.453  | 34.769    |
| 37)                         | L8 AR-1262-2    | 8.079 | 7.103 | 118006 | 146889 | 13.877  | 22.741 #  |
| 38)                         | L8 AR-1262-3    | 8.362 | 7.381 | 409017 | 276538 | 72.662  | 100.327 # |
| 39)                         | L8 AR-1262-4    | 8.450 | 7.447 | 209918 | 215843 | 46.010  | 45.205    |
| 40)                         | L8 AR-1262-5    | 9.054 | 7.939 | 55959  | 32294  | 20.139  | 16.237    |
| 41)                         | L9 AR-1268-1    | 8.362 | 7.381 | 409017 | 276538 | 39.777  | 35.422    |
| 42)                         | L9 AR-1268-2    | 8.450 | 7.447 | 209918 | 215843 | 22.919  | 30.293 #  |
| 43)                         | L9 AR-1268-3    | 8.653 | 7.646 | 293075 | 233293 | 36.697  | 38.730    |
| 44)                         | L9 AR-1268-4    | 9.054 | 7.939 | 55959  | 32294  | 18.884  | 15.438    |
| 45)                         | L9 AR-1268-5    | 9.421 | 8.210 | 624954 | 416881 | 28.690  | 24.999    |
| -----                       |                 |       |       |        |        |         |           |

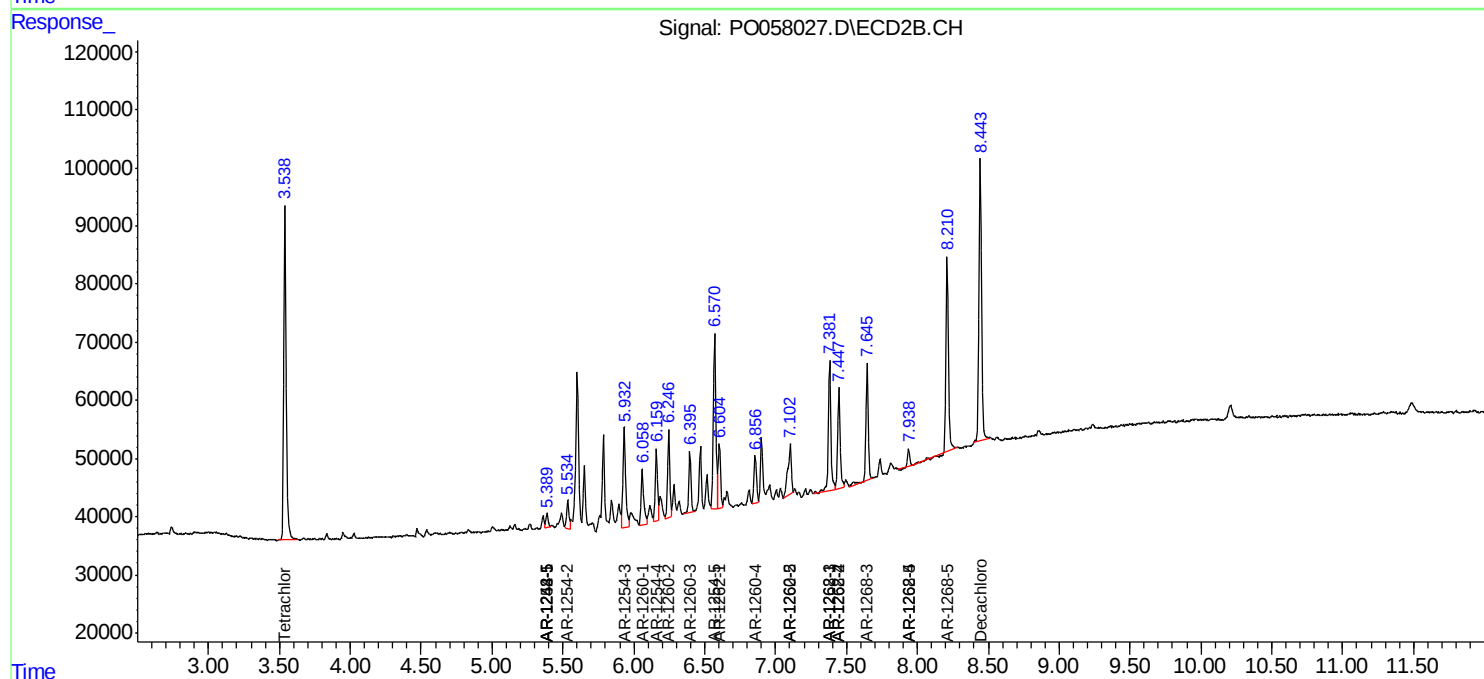
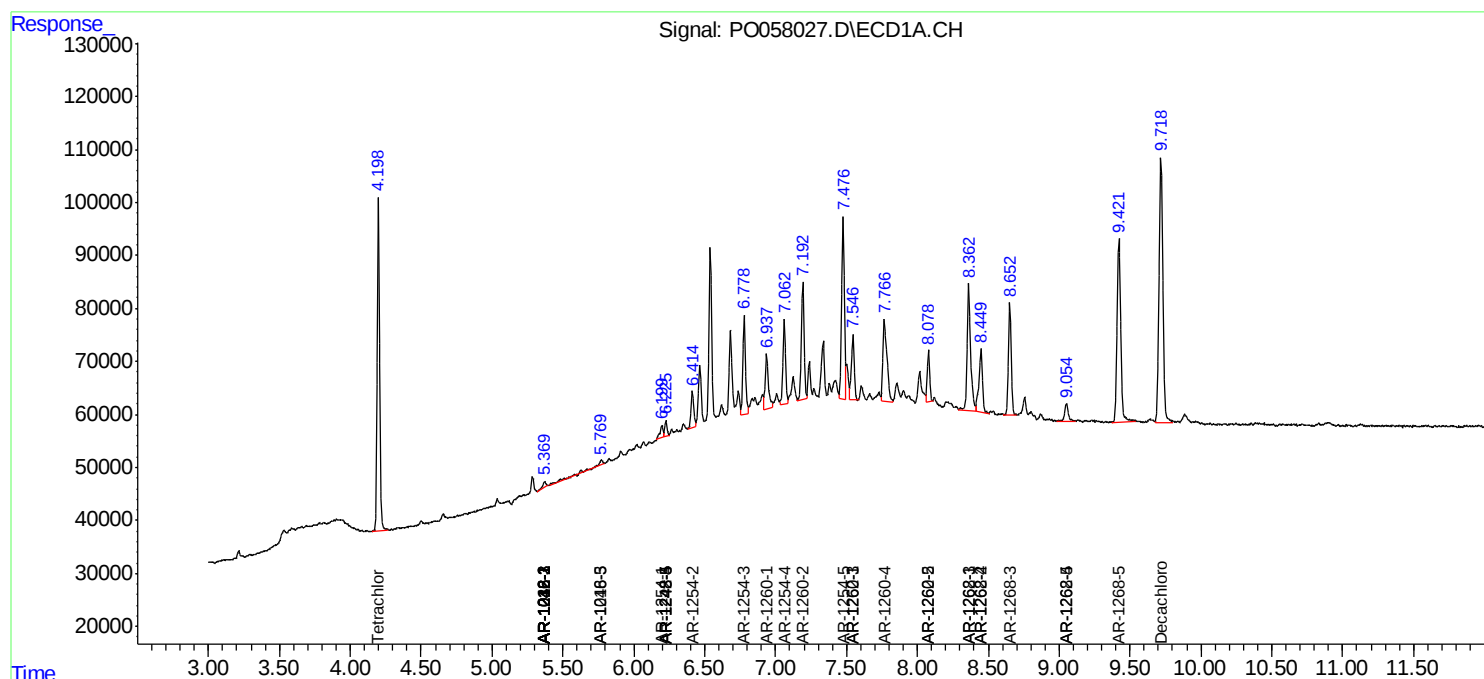
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

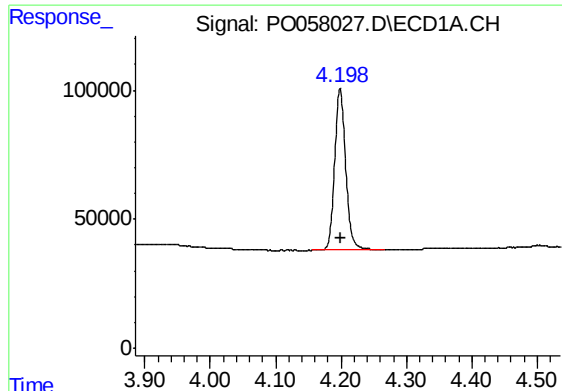
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO071819\  
Data File : PO058027.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 17 Jul 2019 11:00  
Operator : SM/AJ  
Sample : K3848-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
S9-02-B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 11:46:16 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO071719.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 17 11:13:08 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

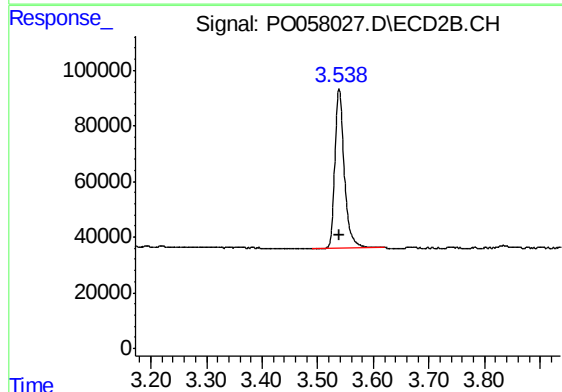




#1 Tetrachloro-m-xylene

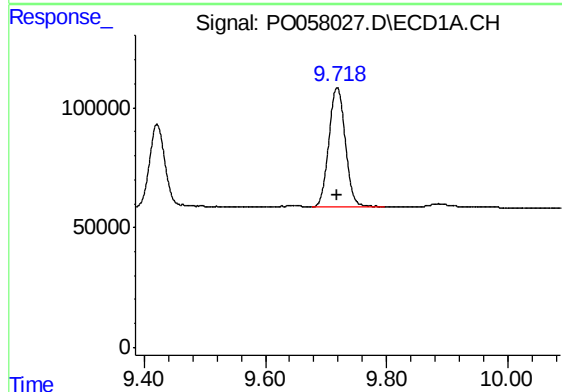
R.T.: 4.199 min  
Delta R.T.: -0.001 min  
Response: 728749  
Conc: 21.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



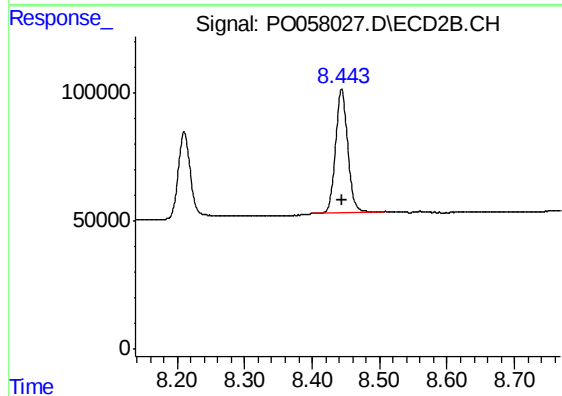
#1 Tetrachloro-m-xylene

R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 674332  
Conc: 21.02 ng/ml



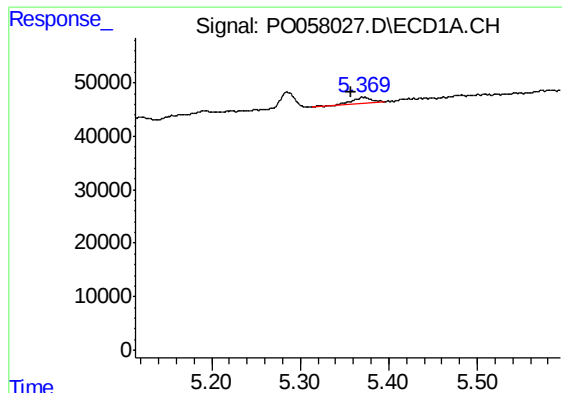
#2 Decachlorobiphenyl

R.T.: 9.719 min  
Delta R.T.: 0.000 min  
Response: 948980  
Conc: 18.55 ng/ml



#2 Decachlorobiphenyl

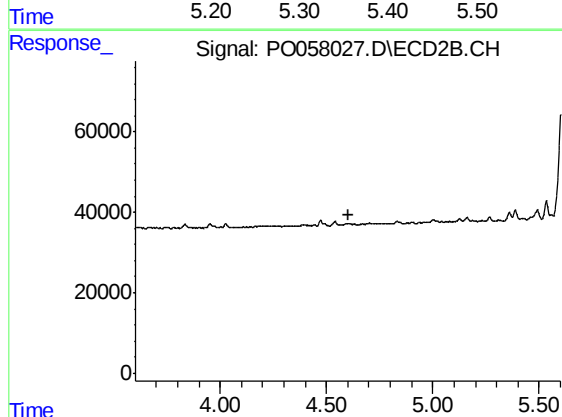
R.T.: 8.444 min  
Delta R.T.: -0.001 min  
Response: 605172  
Conc: 17.66 ng/ml



#3 AR-1016-1

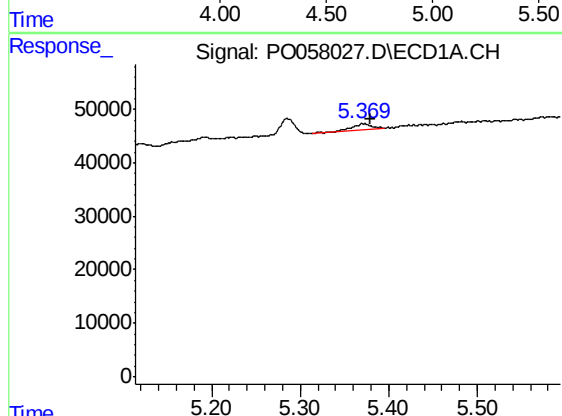
R.T.: 5.371 min  
Delta R.T.: 0.014 min  
Response: 17846  
Conc: 11.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



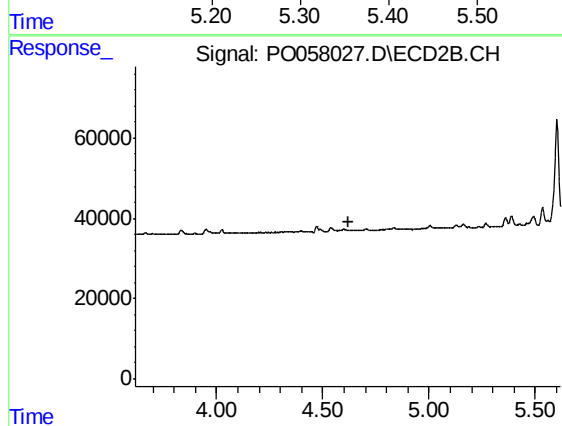
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.601 min  
Response: 0  
Conc: N.D.



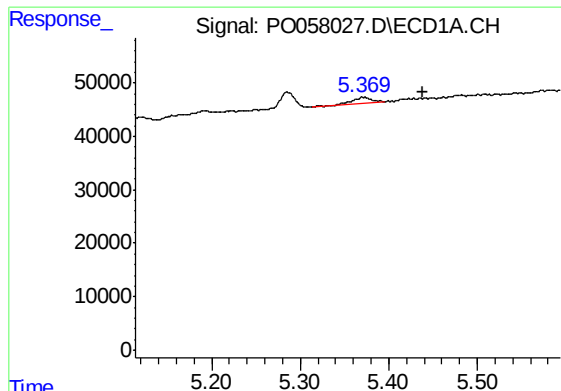
#4 AR-1016-2

R.T.: 5.371 min  
Delta R.T.: -0.007 min  
Response: 17846  
Conc: 7.90 ng/ml



#4 AR-1016-2

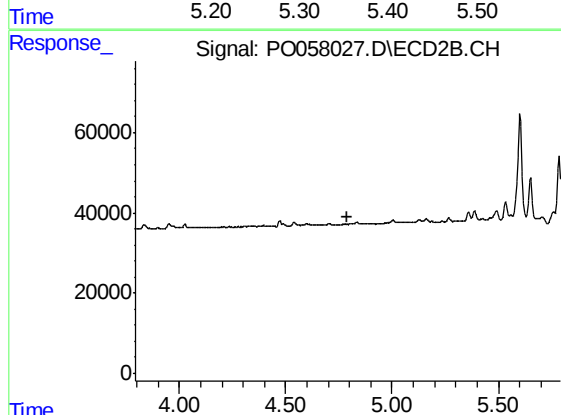
R.T.: 0.000 min  
Exp R.T. : 4.619 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

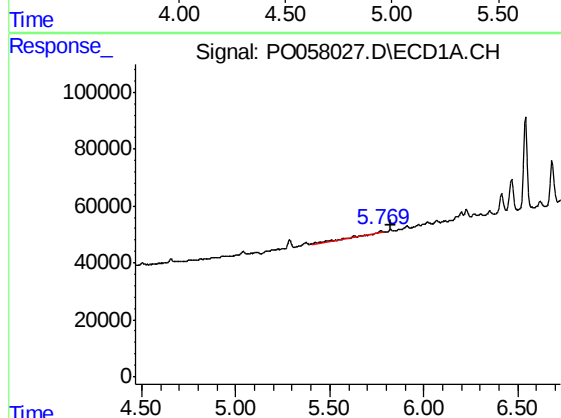
R.T.: 5.371 min  
Delta R.T.: -0.067 min  
Response: 17846  
Conc: 12.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



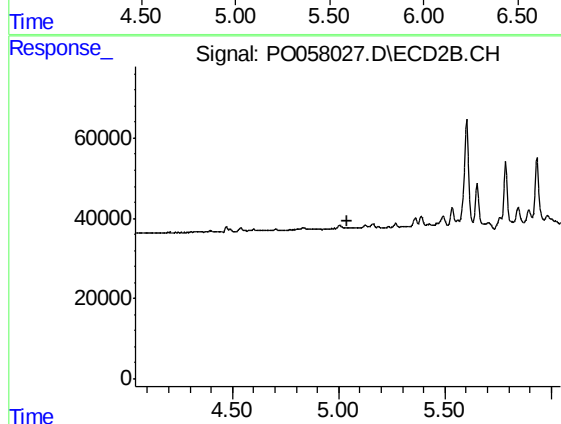
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.793 min  
Response: 0  
Conc: N.D.



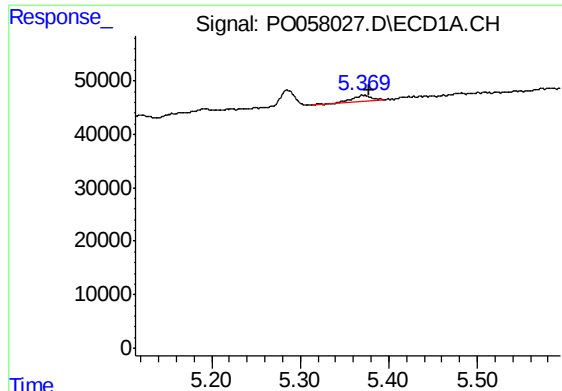
#7 AR-1016-5

R.T.: 5.770 min  
Delta R.T.: -0.057 min  
Response: 33716  
Conc: 29.39 ng/ml



#7 AR-1016-5

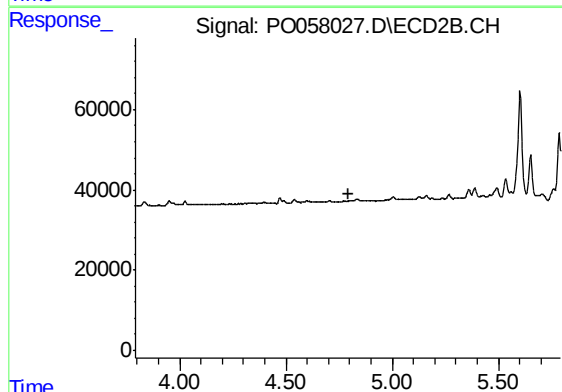
R.T.: 0.000 min  
Exp R.T. : 5.043 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

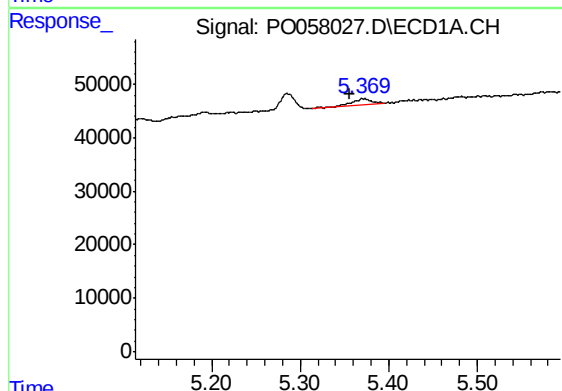
R.T.: 5.371 min  
Delta R.T.: -0.006 min  
Response: 17846  
Conc: 17.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



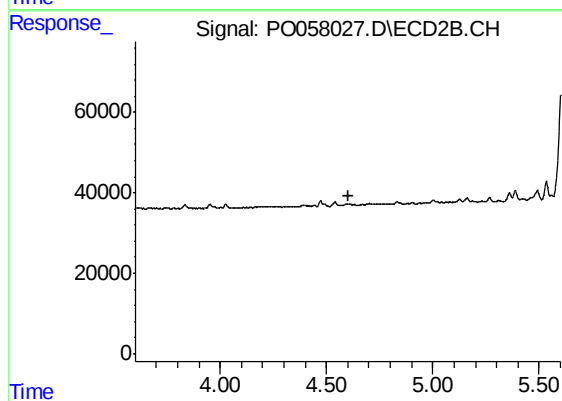
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.792 min  
Response: 0  
Conc: N.D.



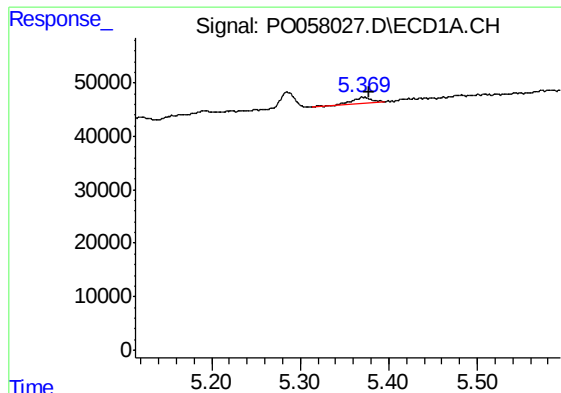
#16 AR-1242-1

R.T.: 5.371 min  
Delta R.T.: 0.015 min  
Response: 17846  
Conc: 14.57 ng/ml



#16 AR-1242-1

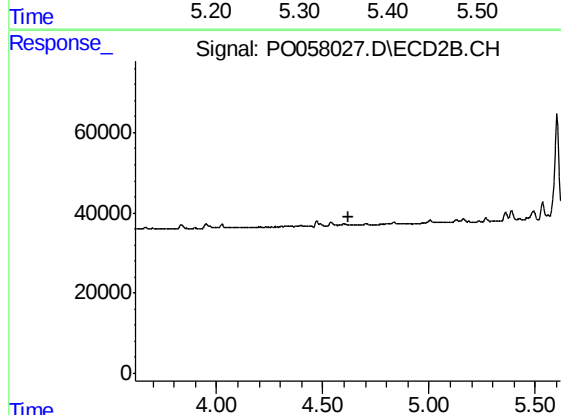
R.T.: 0.000 min  
Exp R.T. : 4.601 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

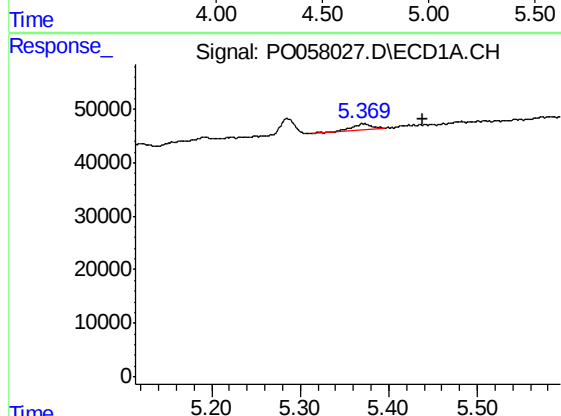
R.T.: 5.371 min  
Delta R.T.: -0.006 min  
Response: 17846  
Conc: 9.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



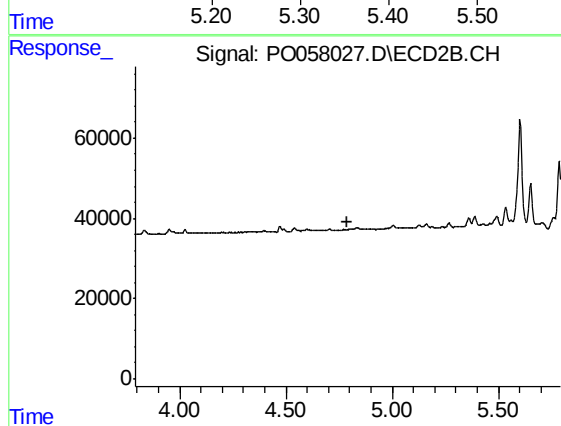
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.619 min  
Response: 0  
Conc: N.D.



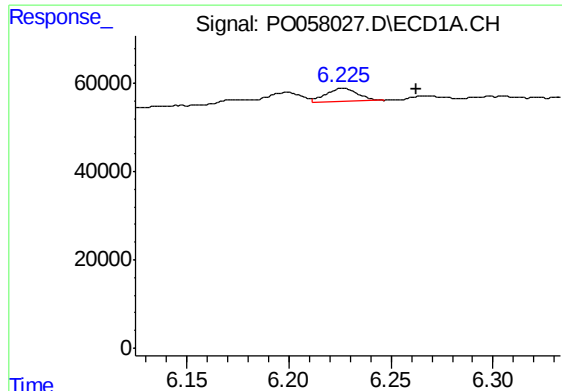
#18 AR-1242-3

R.T.: 5.371 min  
Delta R.T.: -0.067 min  
Response: 17846  
Conc: 15.37 ng/ml



#18 AR-1242-3

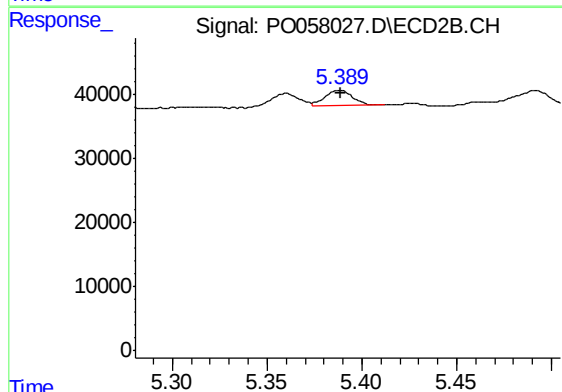
R.T.: 0.000 min  
Exp R.T. : 4.792 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

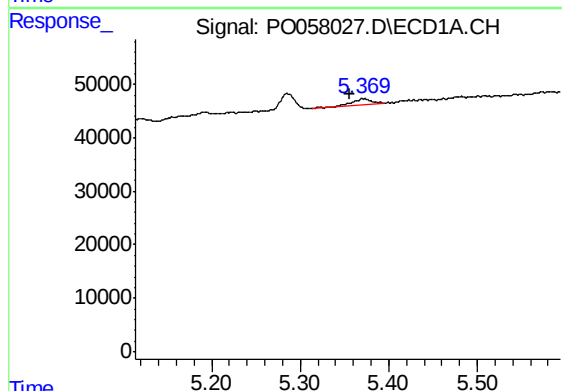
R.T.: 6.226 min  
Delta R.T.: -0.037 min  
Response: 32271  
Conc: 27.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



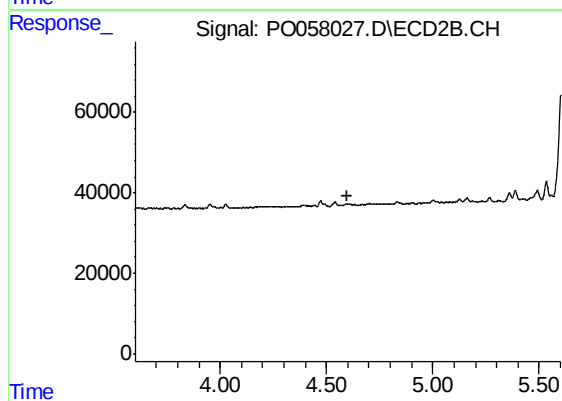
#20 AR-1242-5

R.T.: 5.388 min  
Delta R.T.: 0.000 min  
Response: 25200  
Conc: 26.45 ng/ml



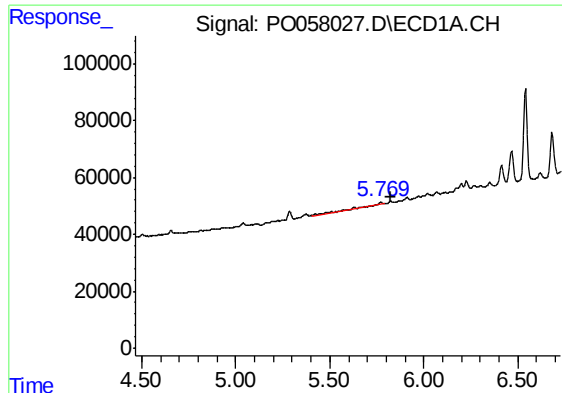
#21 AR-1248-1

R.T.: 5.371 min  
Delta R.T.: 0.016 min  
Response: 17846  
Conc: 19.09 ng/ml



#21 AR-1248-1

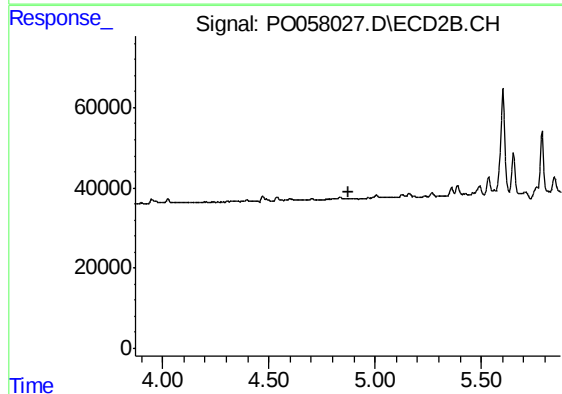
R.T.: 0.000 min  
Exp R.T. : 4.601 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

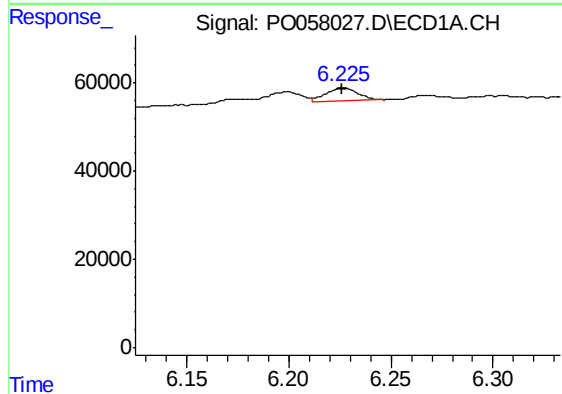
R.T.: 5.770 min  
Delta R.T.: -0.056 min  
Response: 33716  
Conc: 21.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



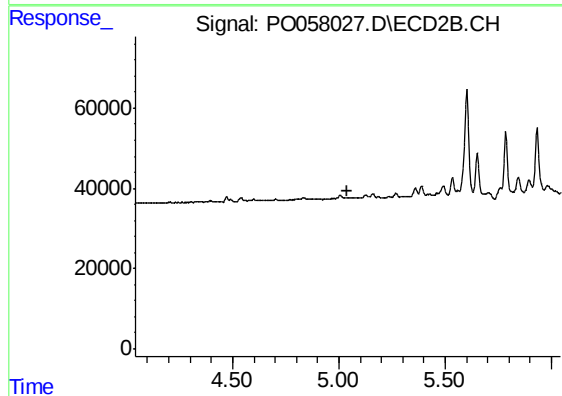
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.873 min  
Response: 0  
Conc: N.D.



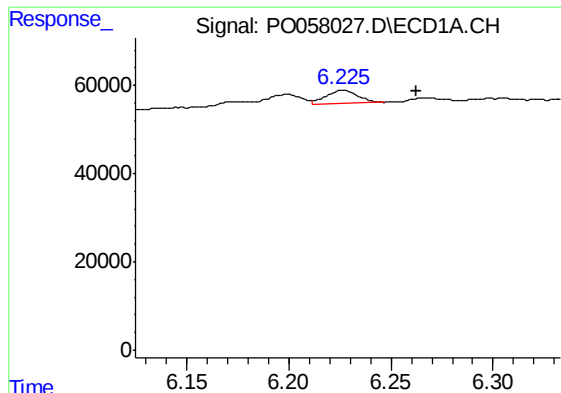
#24 AR-1248-4

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 32271  
Conc: 16.48 ng/ml



#24 AR-1248-4

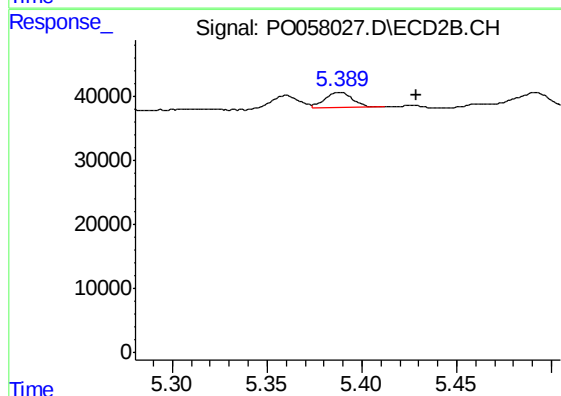
R.T.: 0.000 min  
Exp R.T. : 5.042 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

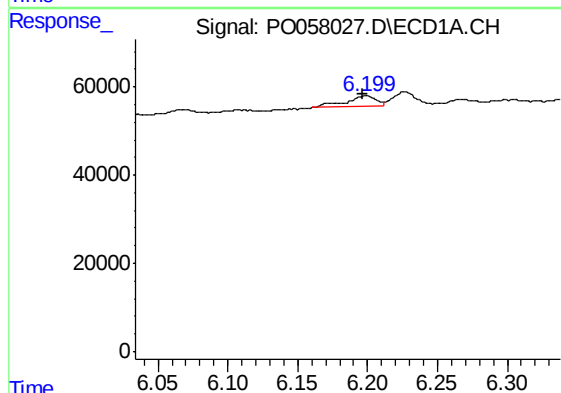
R.T.: 6.226 min  
Delta R.T.: -0.036 min  
Response: 32271  
Conc: 16.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



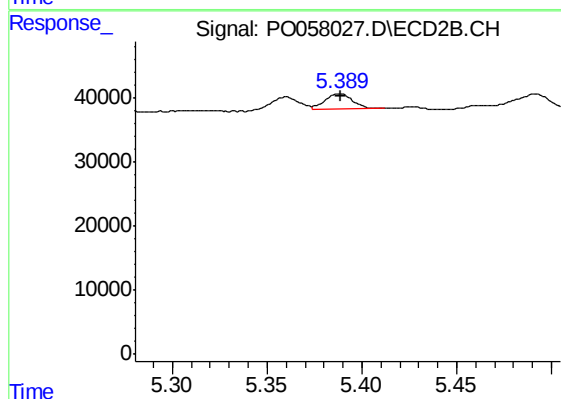
#25 AR-1248-5

R.T.: 5.388 min  
Delta R.T.: -0.041 min  
Response: 25200  
Conc: 19.93 ng/ml



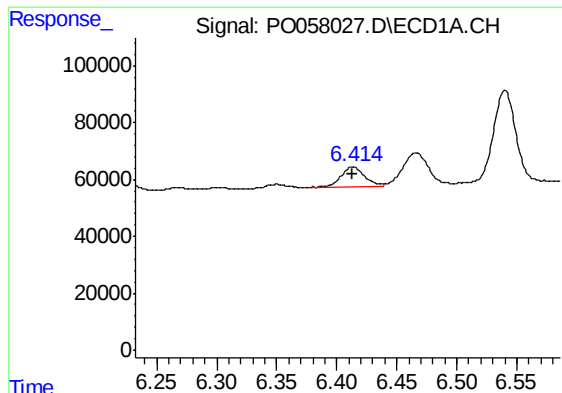
#26 AR-1254-1

R.T.: 6.199 min  
Delta R.T.: 0.003 min  
Response: 35378  
Conc: 18.00 ng/ml



#26 AR-1254-1

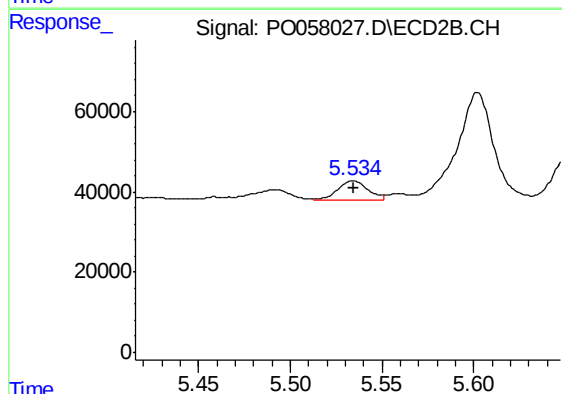
R.T.: 5.388 min  
Delta R.T.: 0.000 min  
Response: 25200  
Conc: 12.37 ng/ml



#27 AR-1254-2

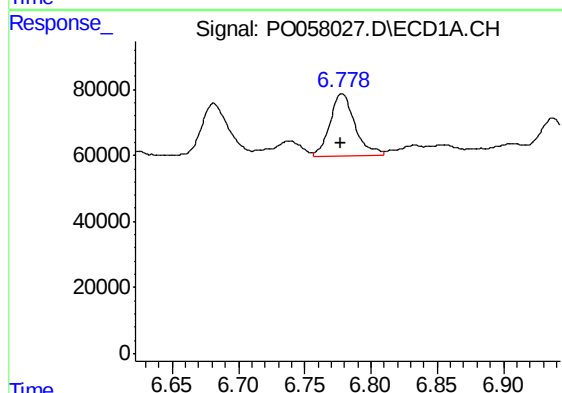
R.T.: 6.413 min  
Delta R.T.: 0.000 min  
Response: 94348  
Conc: 28.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



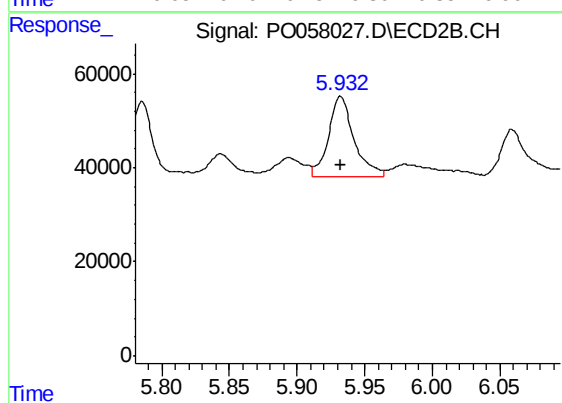
#27 AR-1254-2

R.T.: 5.534 min  
Delta R.T.: 0.000 min  
Response: 55566  
Conc: 30.66 ng/ml



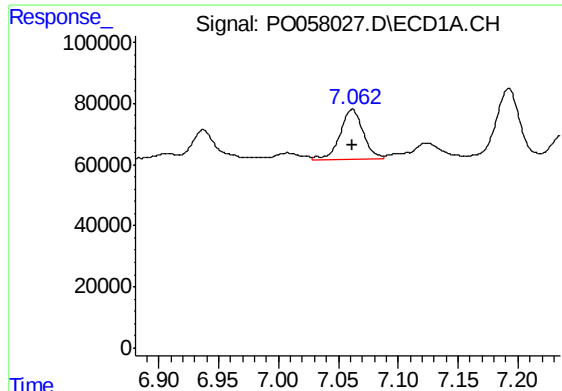
#28 AR-1254-3

R.T.: 6.778 min  
Delta R.T.: 0.001 min  
Response: 244235  
Conc: 69.23 ng/ml



#28 AR-1254-3

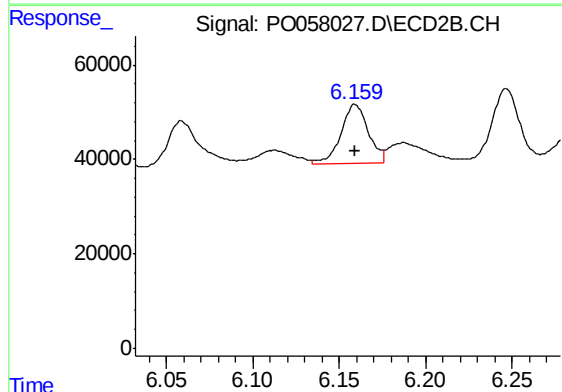
R.T.: 5.932 min  
Delta R.T.: 0.000 min  
Response: 225370  
Conc: 76.96 ng/ml



#29 AR-1254-4

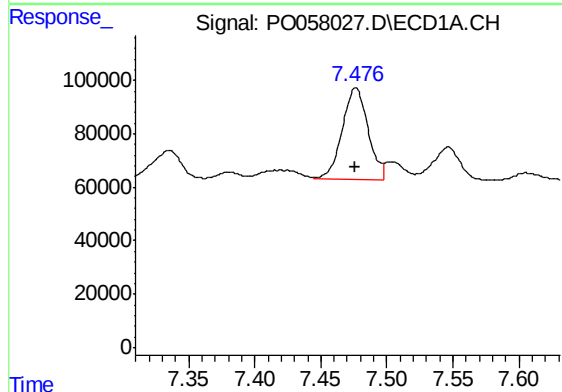
R.T.: 7.062 min  
Delta R.T.: 0.000 min  
Response: 212175  
Conc: 71.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



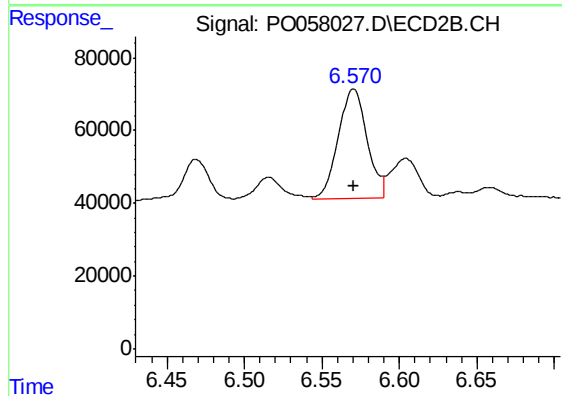
#29 AR-1254-4

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 136179  
Conc: 73.70 ng/ml



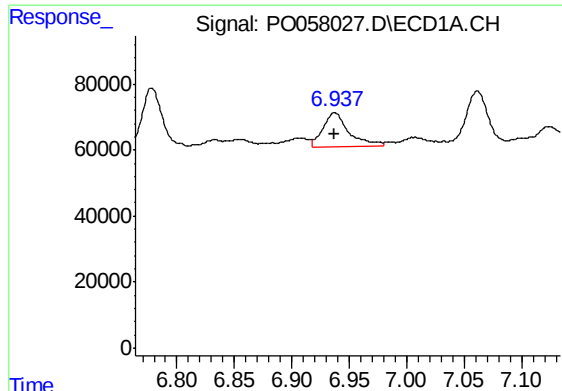
#30 AR-1254-5

R.T.: 7.476 min  
Delta R.T.: 0.000 min  
Response: 470299  
Conc: 160.22 ng/ml



#30 AR-1254-5

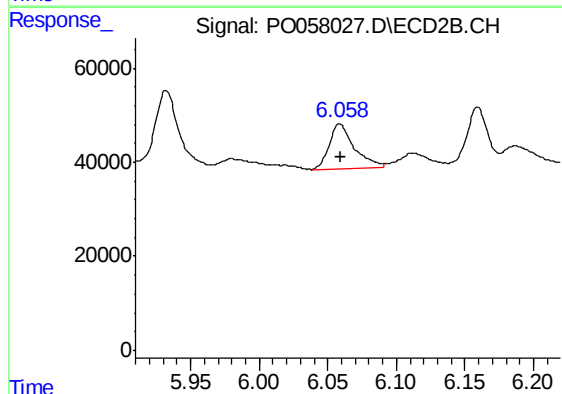
R.T.: 6.570 min  
Delta R.T.: 0.000 min  
Response: 381374  
Conc: 140.29 ng/ml



#31 AR-1260-1

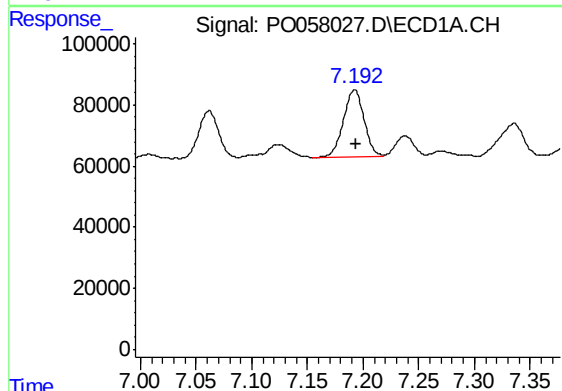
R.T.: 6.937 min  
Delta R.T.: 0.000 min  
Response: 157972  
Conc: 63.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



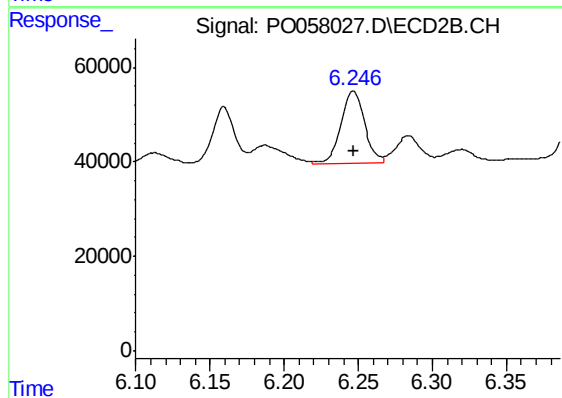
#31 AR-1260-1

R.T.: 6.059 min  
Delta R.T.: 0.000 min  
Response: 123277  
Conc: 60.87 ng/ml



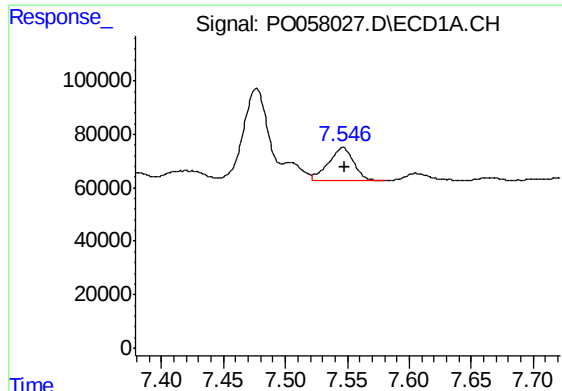
#32 AR-1260-2

R.T.: 7.192 min  
Delta R.T.: -0.001 min  
Response: 290904  
Conc: 82.74 ng/ml



#32 AR-1260-2

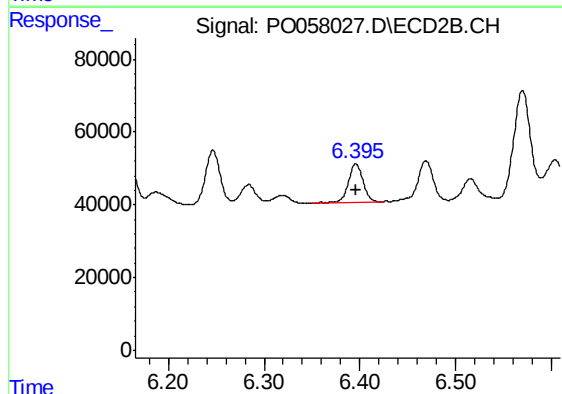
R.T.: 6.247 min  
Delta R.T.: 0.000 min  
Response: 167005  
Conc: 64.94 ng/ml



#33 AR-1260-3

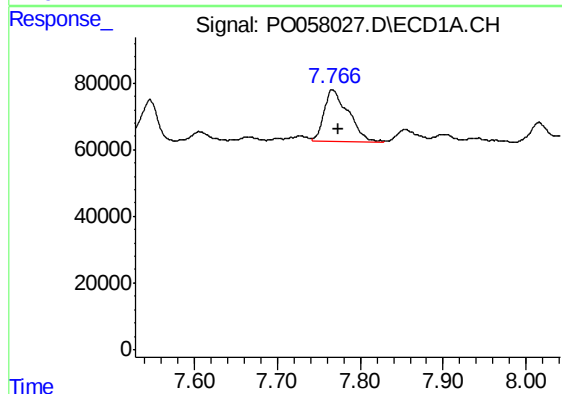
R.T.: 7.546 min  
Delta R.T.: -0.001 min  
Response: 173773  
Conc: 59.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



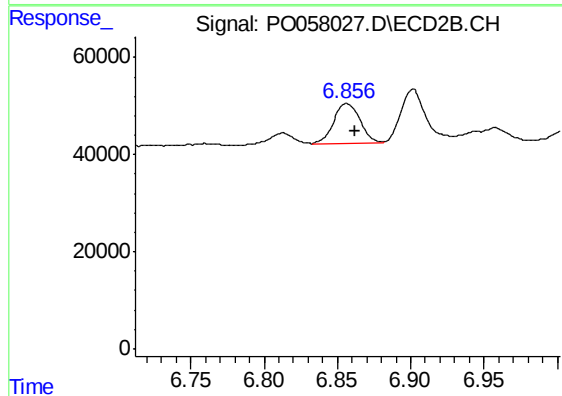
#33 AR-1260-3

R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 109703  
Conc: 48.10 ng/ml



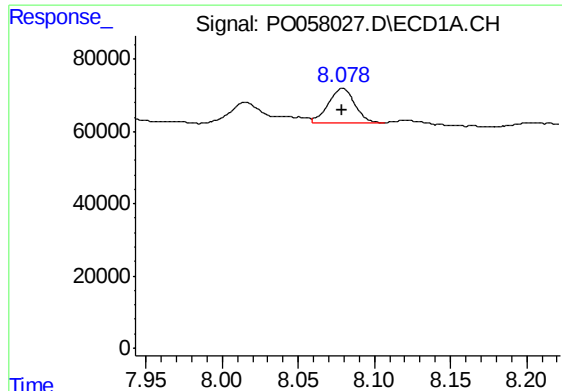
#34 AR-1260-4

R.T.: 7.766 min  
Delta R.T.: -0.007 min  
Response: 316840  
Conc: 115.98 ng/ml



#34 AR-1260-4

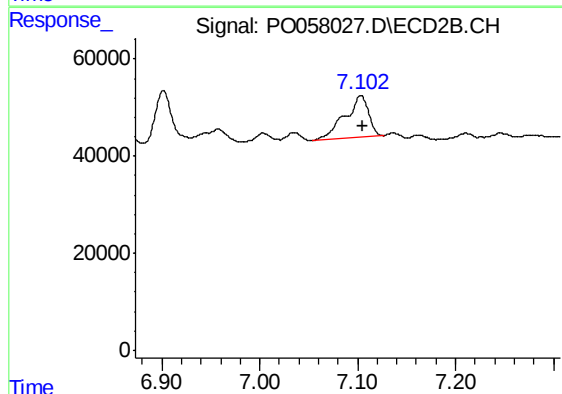
R.T.: 6.856 min  
Delta R.T.: -0.006 min  
Response: 104097  
Conc: 53.76 ng/ml



#35 AR-1260-5

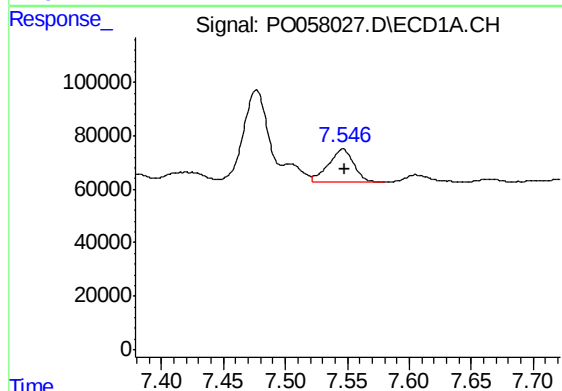
R.T.: 8.079 min  
Delta R.T.: 0.000 min  
Response: 118006  
Conc: 20.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



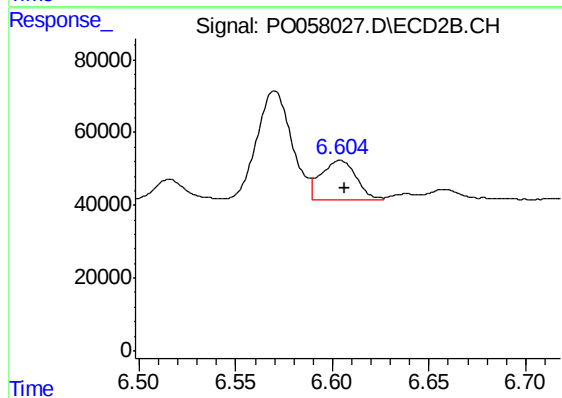
#35 AR-1260-5

R.T.: 7.103 min  
Delta R.T.: -0.002 min  
Response: 146889  
Conc: 31.91 ng/ml



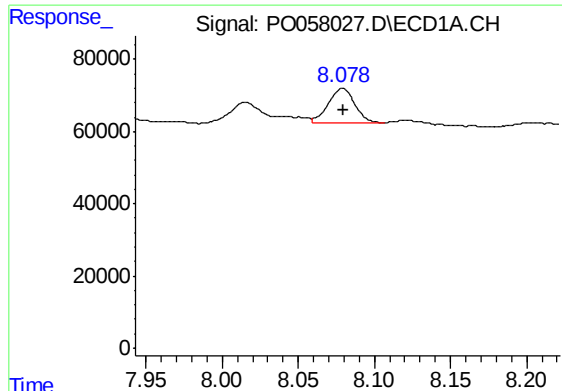
#36 AR-1262-1

R.T.: 7.546 min  
Delta R.T.: -0.002 min  
Response: 173773  
Conc: 31.45 ng/ml



#36 AR-1262-1

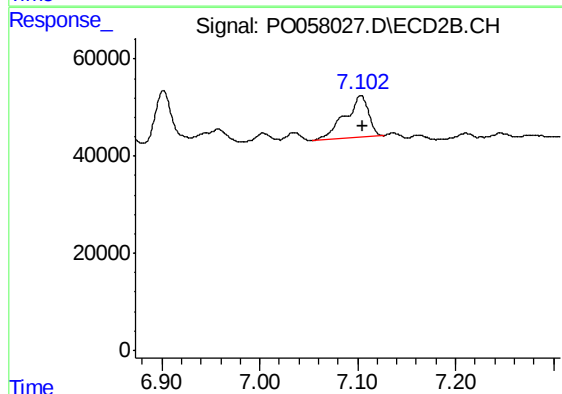
R.T.: 6.604 min  
Delta R.T.: -0.002 min  
Response: 138105  
Conc: 34.77 ng/ml



#37 AR-1262-2

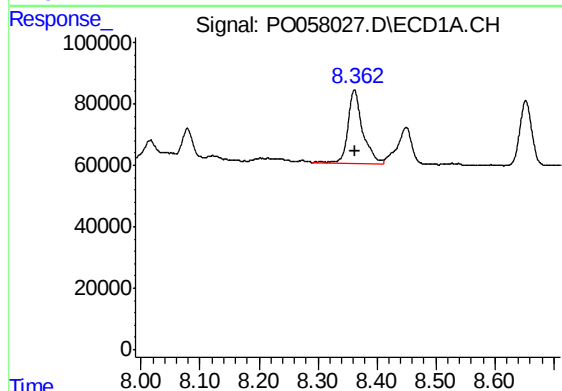
R.T.: 8.079 min  
Delta R.T.: 0.000 min  
Response: 118006  
Conc: 13.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



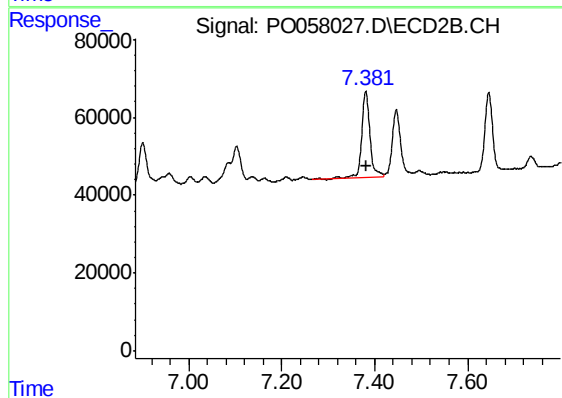
#37 AR-1262-2

R.T.: 7.103 min  
Delta R.T.: -0.002 min  
Response: 146889  
Conc: 22.74 ng/ml



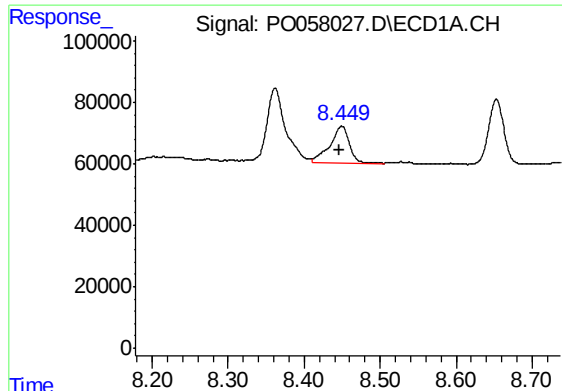
#38 AR-1262-3

R.T.: 8.362 min  
Delta R.T.: 0.000 min  
Response: 409017  
Conc: 72.66 ng/ml



#38 AR-1262-3

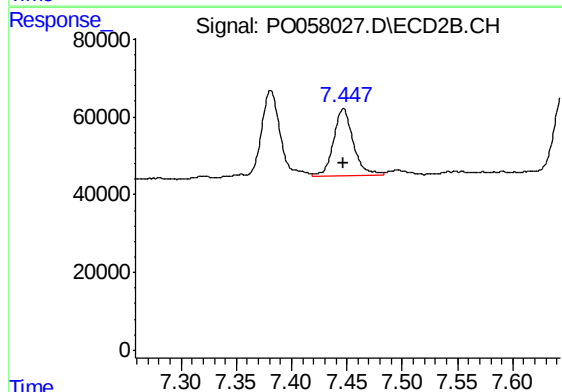
R.T.: 7.381 min  
Delta R.T.: 0.000 min  
Response: 276538  
Conc: 100.33 ng/ml



#39 AR-1262-4

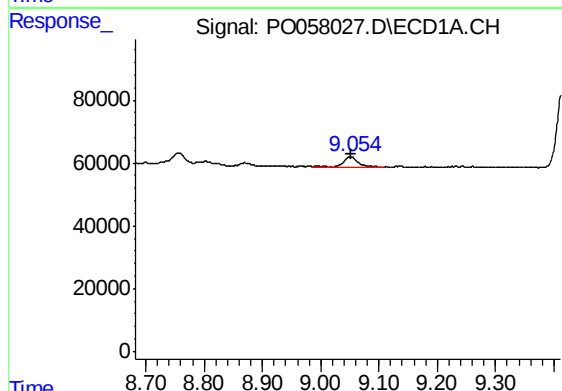
R.T.: 8.450 min  
Delta R.T.: 0.002 min  
Response: 209918  
Conc: 46.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



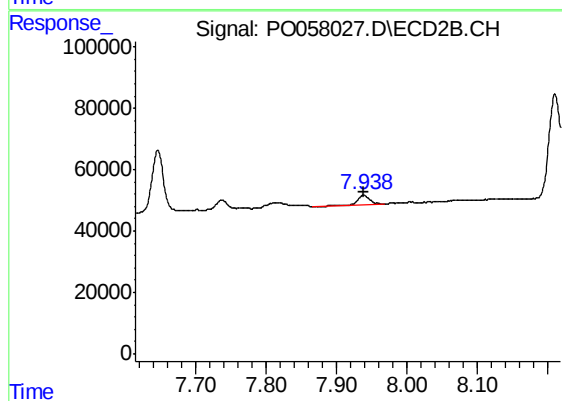
#39 AR-1262-4

R.T.: 7.447 min  
Delta R.T.: 0.000 min  
Response: 215843  
Conc: 45.21 ng/ml



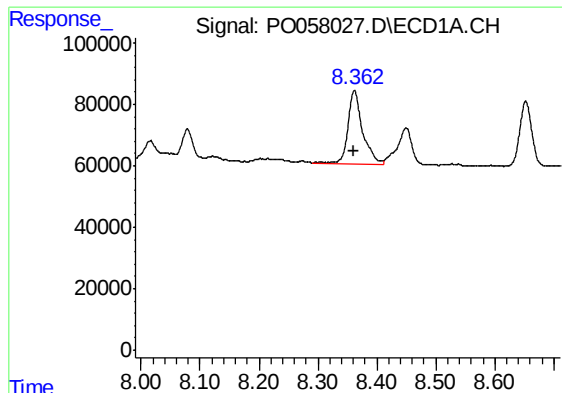
#40 AR-1262-5

R.T.: 9.054 min  
Delta R.T.: 0.002 min  
Response: 55959  
Conc: 20.14 ng/ml



#40 AR-1262-5

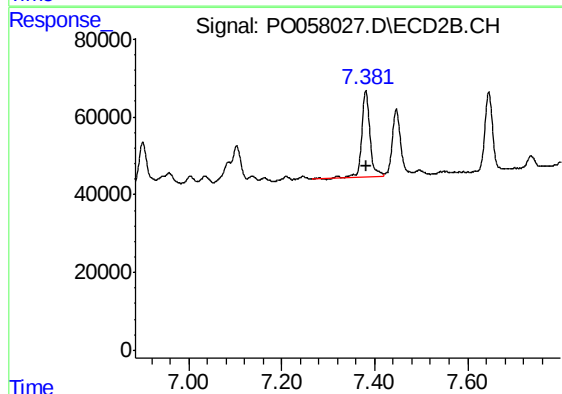
R.T.: 7.939 min  
Delta R.T.: 0.000 min  
Response: 32294  
Conc: 16.24 ng/ml



#41 AR-1268-1

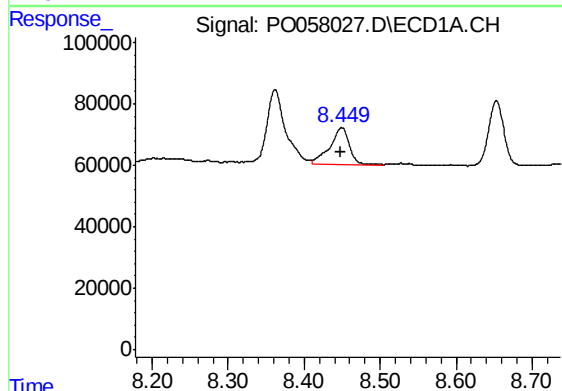
R.T.: 8.362 min  
Delta R.T.: 0.000 min  
Response: 409017  
Conc: 39.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



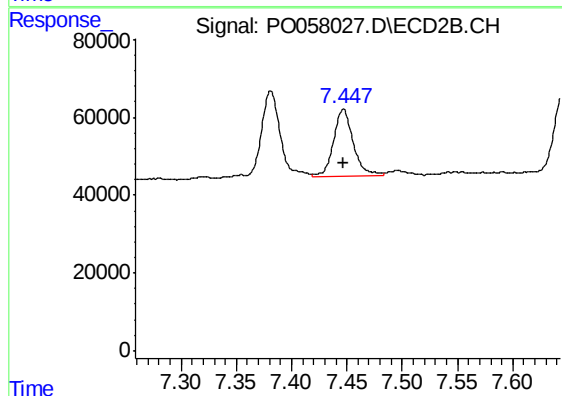
#41 AR-1268-1

R.T.: 7.381 min  
Delta R.T.: 0.000 min  
Response: 276538  
Conc: 35.42 ng/ml



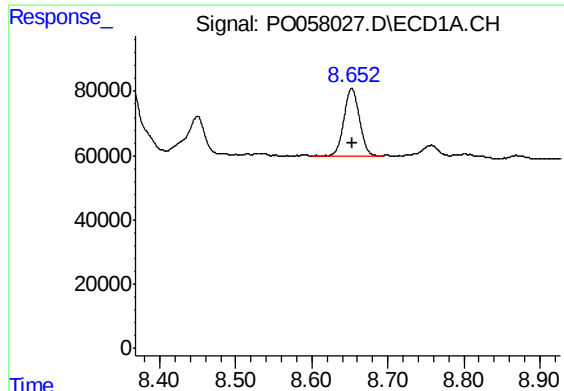
#42 AR-1268-2

R.T.: 8.450 min  
Delta R.T.: 0.000 min  
Response: 209918  
Conc: 22.92 ng/ml



#42 AR-1268-2

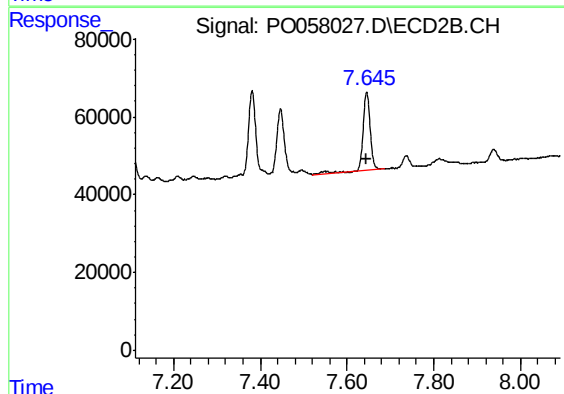
R.T.: 7.447 min  
Delta R.T.: 0.000 min  
Response: 215843  
Conc: 30.29 ng/ml



#43 AR-1268-3

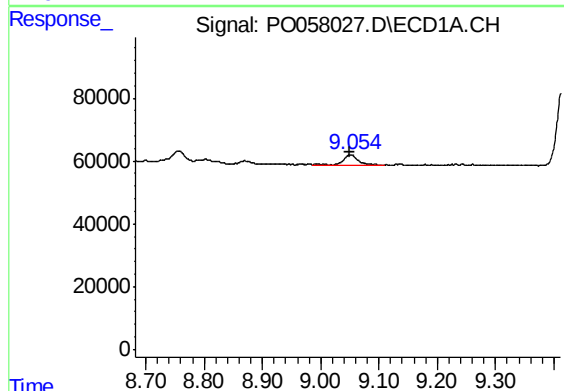
R.T.: 8.653 min  
Delta R.T.: 0.000 min  
Response: 293075  
Conc: 36.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



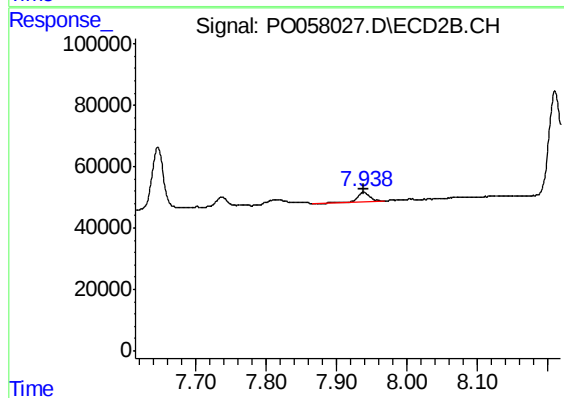
#43 AR-1268-3

R.T.: 7.646 min  
Delta R.T.: 0.000 min  
Response: 233293  
Conc: 38.73 ng/ml



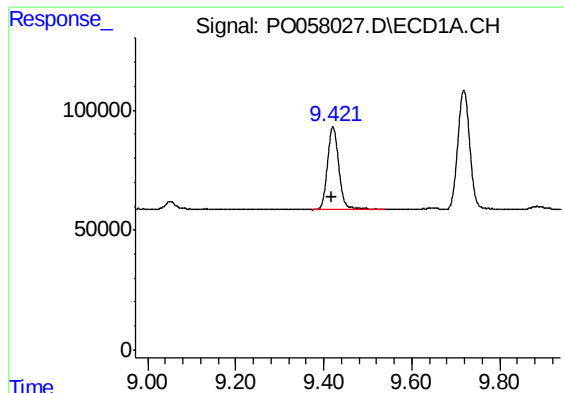
#44 AR-1268-4

R.T.: 9.054 min  
Delta R.T.: 0.003 min  
Response: 55959  
Conc: 18.88 ng/ml



#44 AR-1268-4

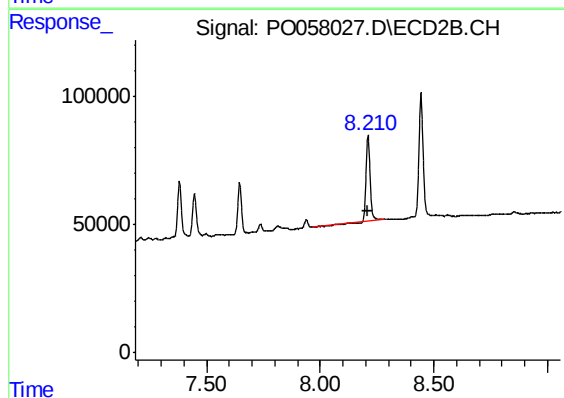
R.T.: 7.939 min  
Delta R.T.: 0.000 min  
Response: 32294  
Conc: 15.44 ng/ml



#45 AR-1268-5

R.T.: 9.421 min  
Delta R.T.: 0.001 min  
Response: 624954  
Conc: 28.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S9-02-B



#45 AR-1268-5

R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 416881  
Conc: 25.00 ng/ml