

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0111719\  
 Data File : P0063810.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 17 Nov 2019 18:55  
 Operator : SM/AJ  
 Sample : K5840-11RE  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 PHIPPS-BH-SE-02RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 18 01:14:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0111419.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 15 01:29:03 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... | 4.315 | 3.568 | 887262 | 672037 | 29.019  | 30.257    |
| 2)                          | SA Decachlor... | 9.940 | 8.537 | 639852 | 443257 | 15.746  | 15.156    |
| Target Compounds            |                 |       |       |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 5.405 | 0.000 | 16397  | 0      | 11.807  | N.D. #    |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.100 | 0      | 72828  | N.D.    | 91.697 #  |
| 8)                          | L2 AR-1221-1    | 0.000 | 3.731 | 0      | 17578  | N.D.    | 64.705 #  |
| 9)                          | L2 AR-1221-2    | 4.618 | 3.866 | 13747  | 11775  | 43.829  | 55.998 #  |
| 10)                         | L2 AR-1221-3    | 4.618 | 3.983 | 13747  | 5572   | 14.494  | 8.359 #   |
| 11)                         | L3 AR-1232-1    | 4.618 | 3.983 | 13747  | 5572   | 10.336  | 5.911 #   |
| 15)                         | L3 AR-1232-5    | 0.000 | 5.100 | 0      | 72828  | N.D.    | 141.277 # |
| 20)                         | L4 AR-1242-5    | 6.326 | 5.468 | 616768 | 411870 | 593.534 | 529.158   |
| 21)                         | L5 AR-1248-1    | 5.405 | 0.000 | 16397  | 0      | 18.775  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.326 | 5.100 | 616768 | 72828  | 356.329 | 67.650 #  |
| 25)                         | L5 AR-1248-5    | 6.326 | 5.468 | 616768 | 411870 | 365.677 | 369.273   |
| 26)                         | L6 AR-1254-1    | 6.326 | 5.468 | 616768 | 411870 | 353.038 | 232.461 # |
| 27)                         | L6 AR-1254-2    | 6.502 | 5.650 | 34079  | 33871  | 12.225  | 21.482 #  |
| 28)                         | L6 AR-1254-3    | 6.913 | 5.961 | 163101 | 34615  | 51.953  | 12.909 #  |
| 29)                         | L6 AR-1254-4    | 7.165 | 6.235 | 81839  | 24708  | 33.098  | 13.933 #  |
| 30)                         | L6 AR-1254-5    | 7.567 | 6.629 | 19877  | 11233  | 7.333   | 4.495 #   |
| 31)                         | L7 AR-1260-1    | 7.105 | 0.000 | 41267  | 0      | 20.448  | N.D. #    |
| 32)                         | L7 AR-1260-2    | 0.000 | 6.292 | 0      | 102701 | N.D.    | 52.209 #  |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.476 | 0      | 13175  | N.D.    | 7.387 #   |
| 35)                         | L7 AR-1260-5    | 0.000 | 7.164 | 0      | 15178  | N.D.    | 3.915 #   |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.706 | 0      | 11514  | N.D.    | 11.012 #  |
| 37)                         | L8 AR-1262-2    | 0.000 | 7.164 | 0      | 15178  | N.D.    | 3.200 #   |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.486 | 0      | 288304 | N.D.    | 153.825 # |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.486 | 0      | 288304 | N.D.    | 81.663 #  |
| 40)                         | L8 AR-1262-5    | 9.184 | 0.000 | 99007  | 0      | 45.450  | N.D. #    |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.486 | 0      | 288304 | N.D.    | 54.005 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.486 | 0      | 288304 | N.D.    | 57.853 #  |
| 44)                         | L9 AR-1268-4    | 9.184 | 0.000 | 99007  | 0      | 40.730  | N.D. #    |
| 45)                         | L9 AR-1268-5    | 9.672 | 8.269 | 212634 | 9670   | 13.827  | 0.818 #   |
| -----                       |                 |       |       |        |        |         |           |

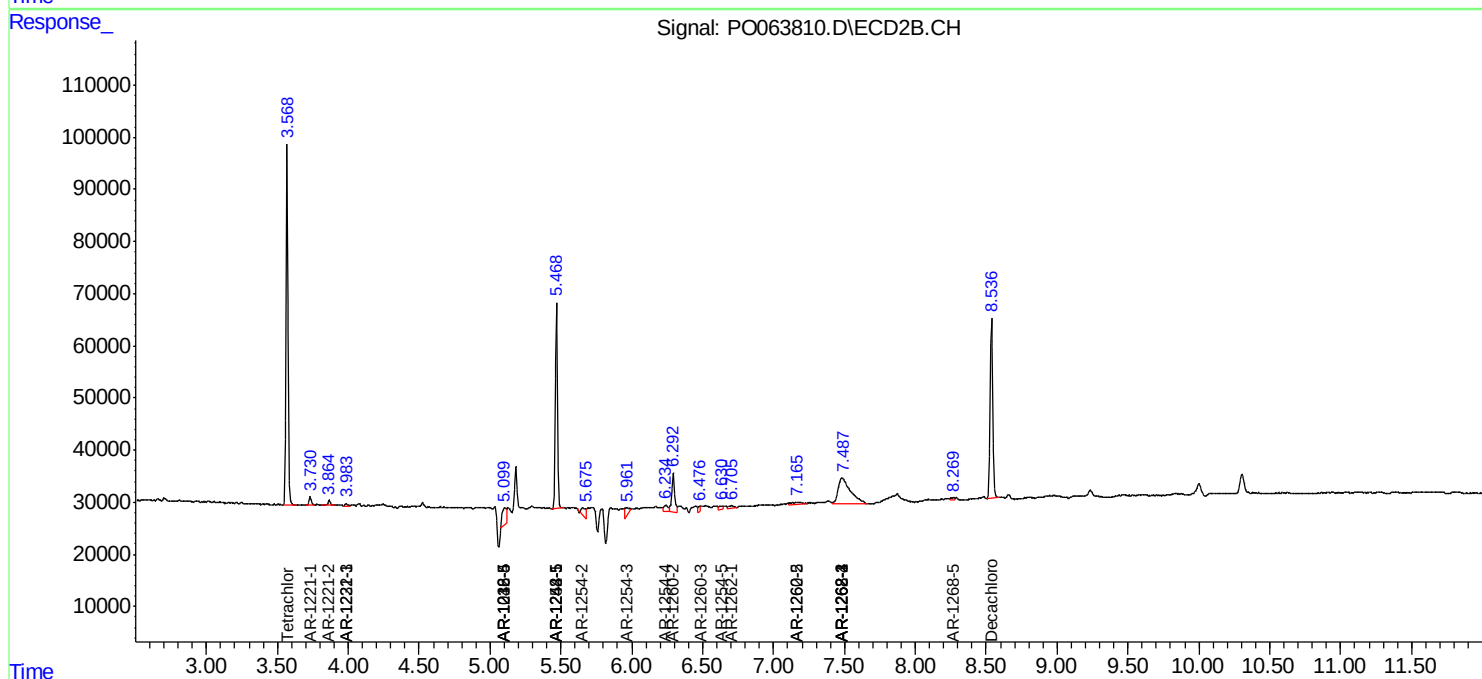
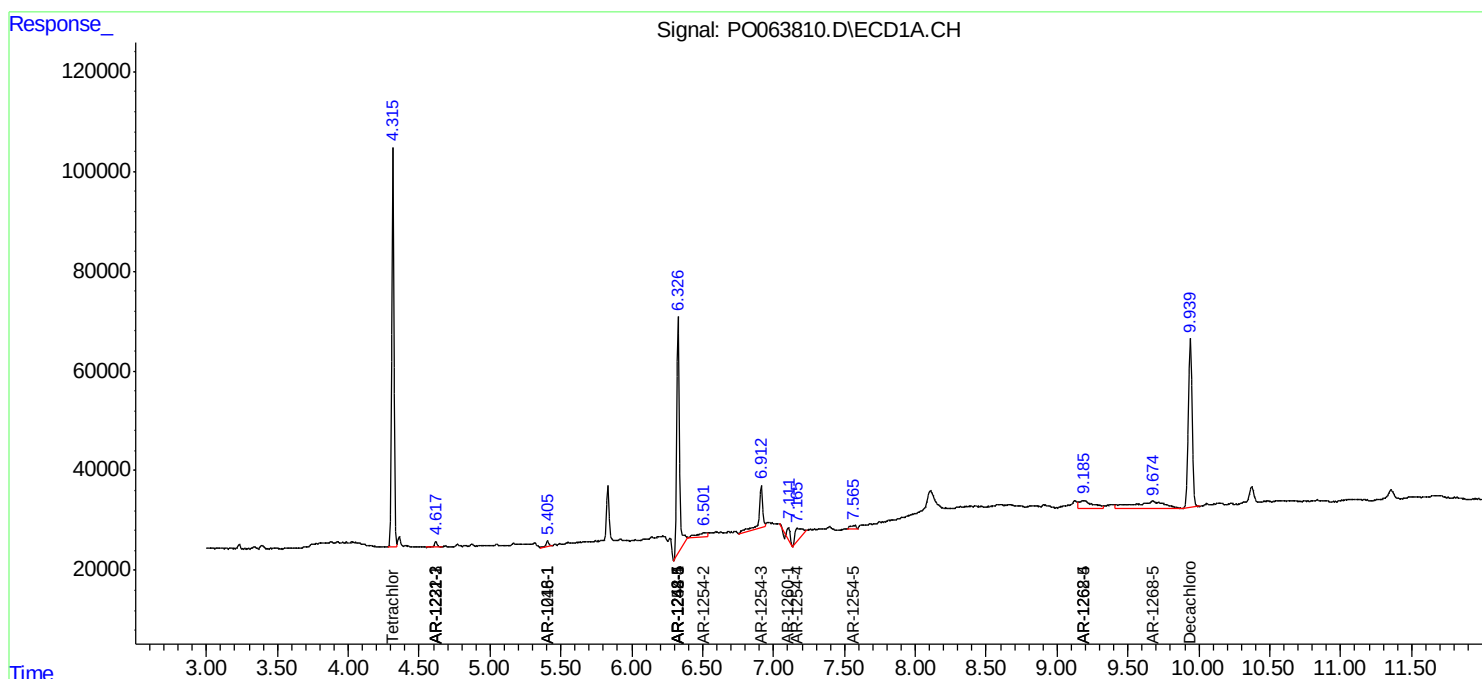
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

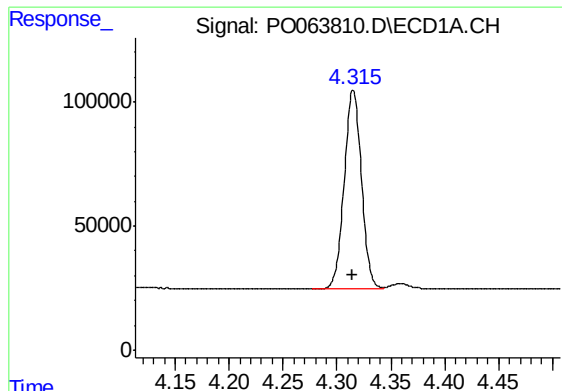
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO111719\  
Data File : PO063810.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 17 Nov 2019 18:55  
Operator : SM/AJ  
Sample : K5840-11RE  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 18 01:14:45 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO111419.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 15 01:29:03 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

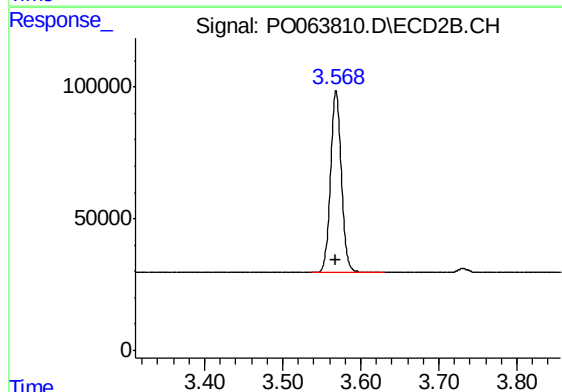




#1 Tetrachloro-m-xylene

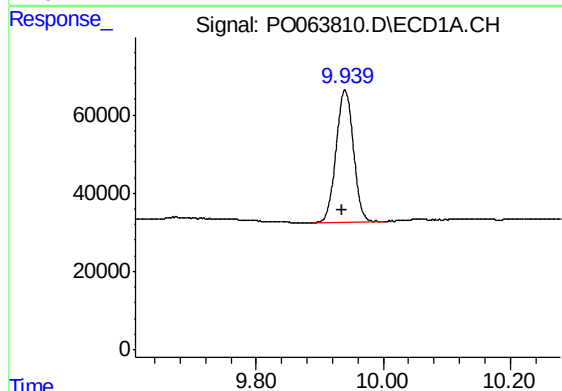
R.T.: 4.315 min  
Delta R.T.: 0.001 min  
Response: 887262  
Conc: 29.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



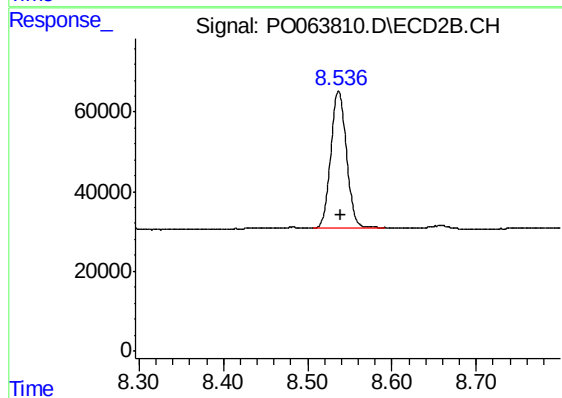
#1 Tetrachloro-m-xylene

R.T.: 3.568 min  
Delta R.T.: 0.000 min  
Response: 672037  
Conc: 30.26 ng/ml



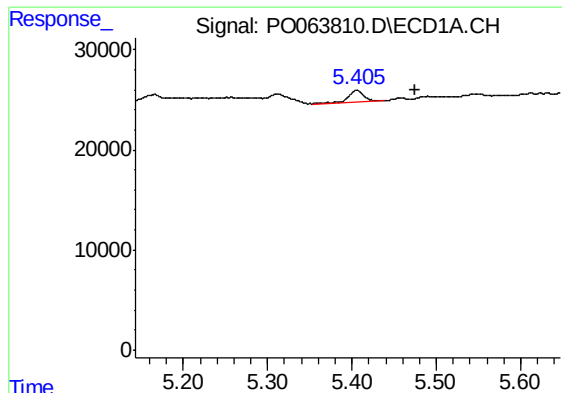
#2 Decachlorobiphenyl

R.T.: 9.940 min  
Delta R.T.: 0.004 min  
Response: 639852  
Conc: 15.75 ng/ml



#2 Decachlorobiphenyl

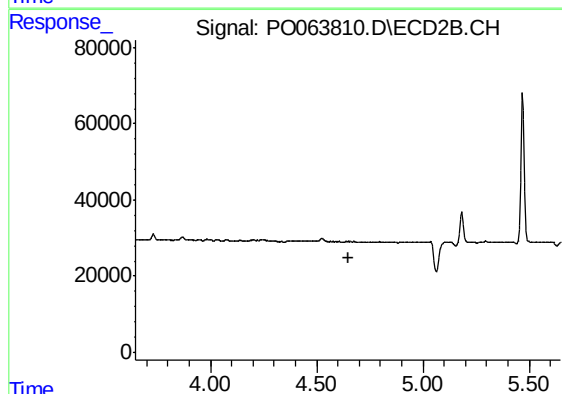
R.T.: 8.537 min  
Delta R.T.: -0.003 min  
Response: 443257  
Conc: 15.16 ng/ml



#3 AR-1016-1

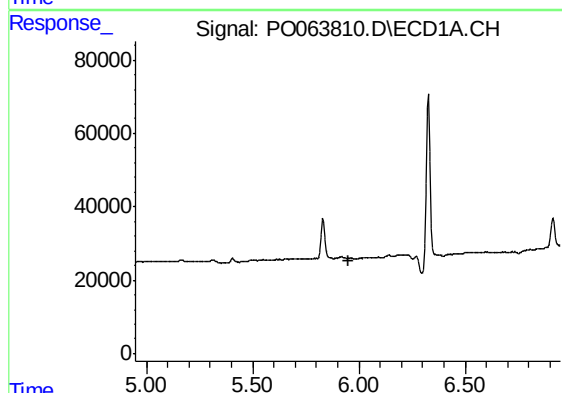
R.T.: 5.405 min  
Delta R.T.: -0.070 min  
Response: 16397  
Conc: 11.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



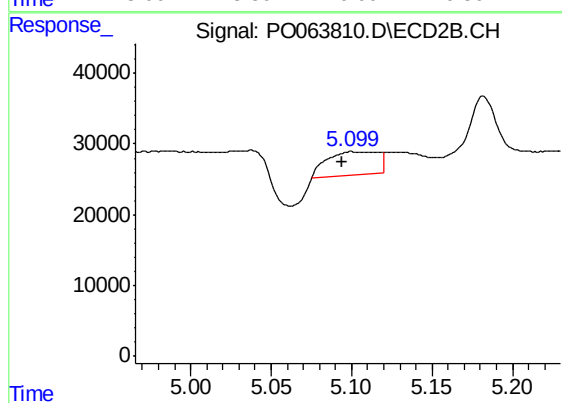
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.647 min  
Response: 0  
Conc: N.D.



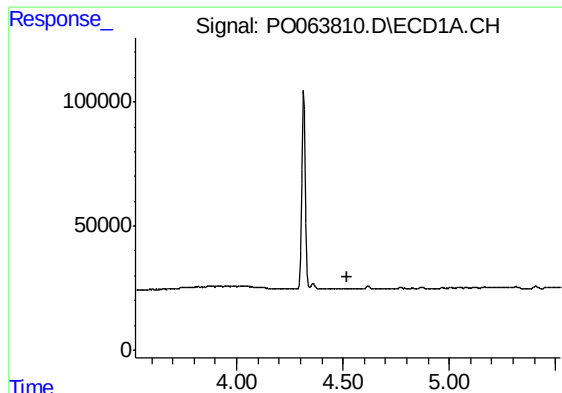
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.949 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

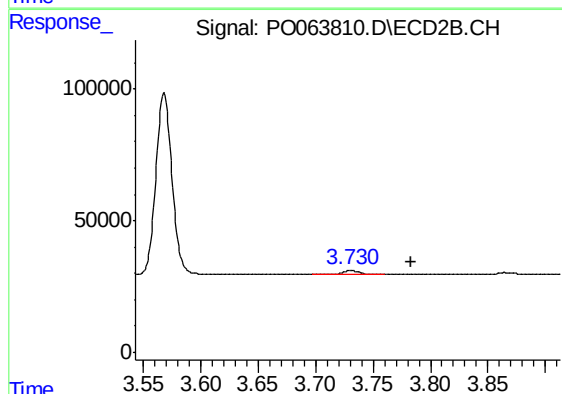
R.T.: 5.100 min  
Delta R.T.: 0.007 min  
Response: 72828  
Conc: 91.70 ng/ml



#8 AR-1221-1

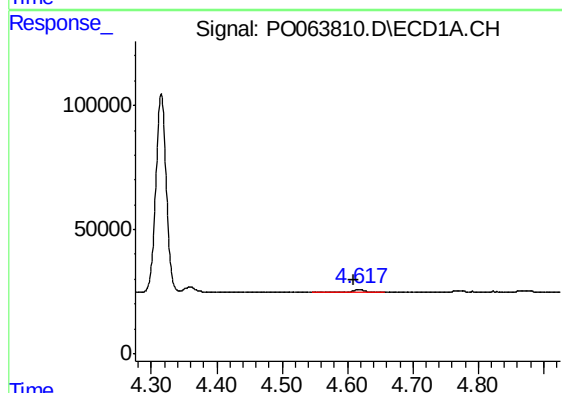
R.T.: 0.000 min  
Exp R.T.: 4.523 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



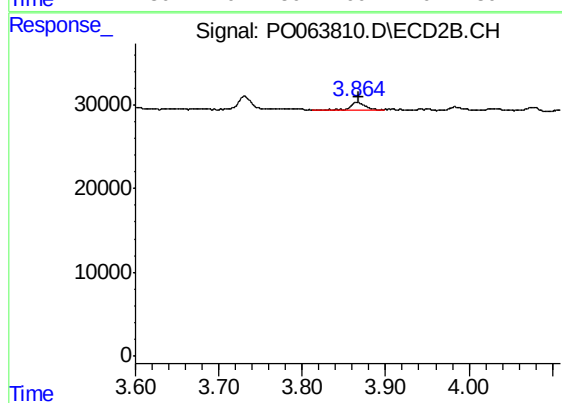
#8 AR-1221-1

R.T.: 3.731 min  
Delta R.T.: -0.052 min  
Response: 17578  
Conc: 64.71 ng/ml



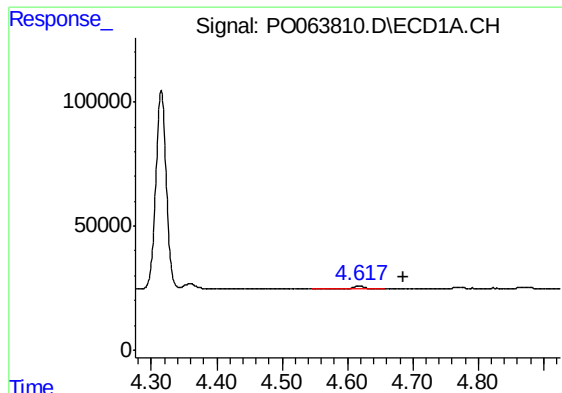
#9 AR-1221-2

R.T.: 4.618 min  
Delta R.T.: 0.008 min  
Response: 13747  
Conc: 43.83 ng/ml



#9 AR-1221-2

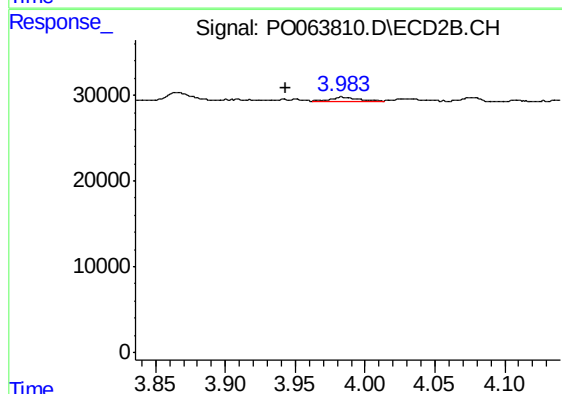
R.T.: 3.866 min  
Delta R.T.: -0.002 min  
Response: 11775  
Conc: 56.00 ng/ml



#10 AR-1221-3

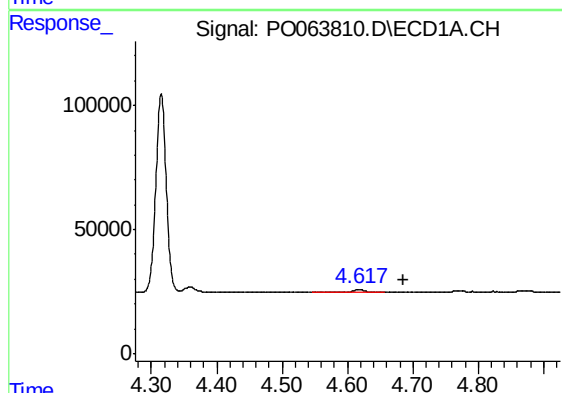
R.T.: 4.618 min  
Delta R.T.: -0.067 min  
Response: 13747  
Conc: 14.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



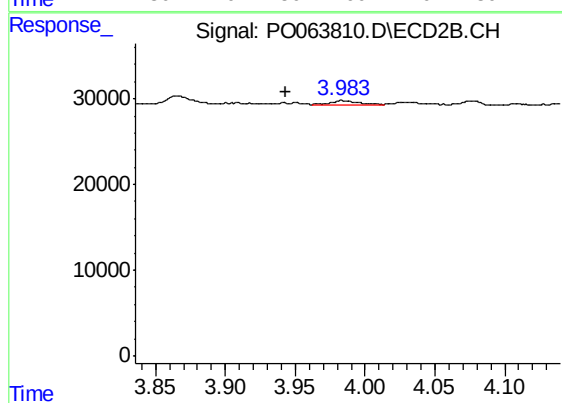
#10 AR-1221-3

R.T.: 3.983 min  
Delta R.T.: 0.040 min  
Response: 5572  
Conc: 8.36 ng/ml



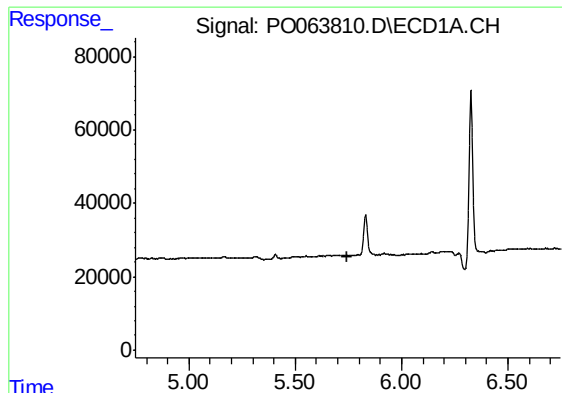
#11 AR-1232-1

R.T.: 4.618 min  
Delta R.T.: -0.068 min  
Response: 13747  
Conc: 10.34 ng/ml



#11 AR-1232-1

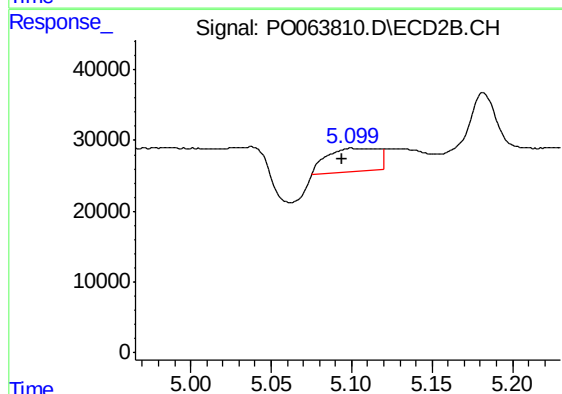
R.T.: 3.983 min  
Delta R.T.: 0.040 min  
Response: 5572  
Conc: 5.91 ng/ml



#15 AR-1232-5

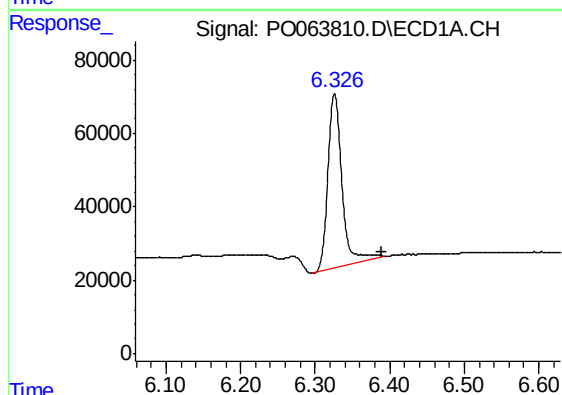
R.T.: 0.000 min  
Exp R.T.: 5.748 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



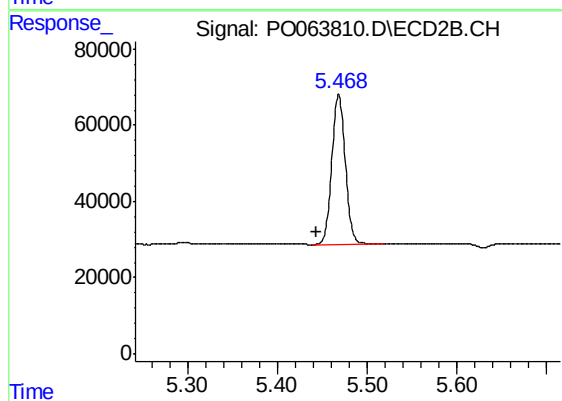
#15 AR-1232-5

R.T.: 5.100 min  
Delta R.T.: 0.006 min  
Response: 72828  
Conc: 141.28 ng/ml



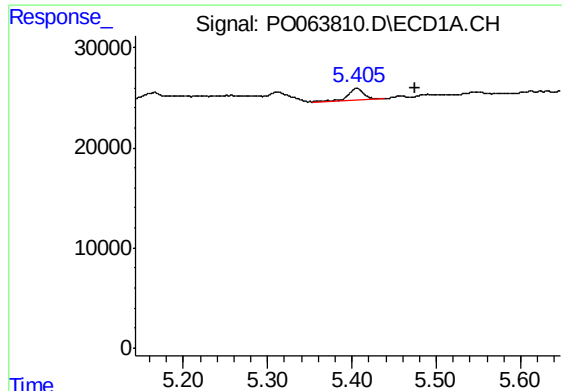
#20 AR-1242-5

R.T.: 6.326 min  
Delta R.T.: -0.063 min  
Response: 616768  
Conc: 593.53 ng/ml



#20 AR-1242-5

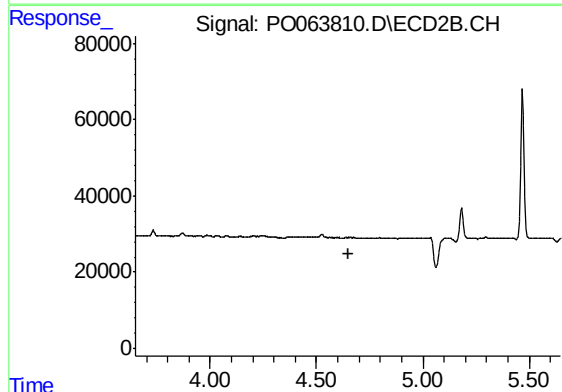
R.T.: 5.468 min  
Delta R.T.: 0.025 min  
Response: 411870  
Conc: 529.16 ng/ml



#21 AR-1248-1

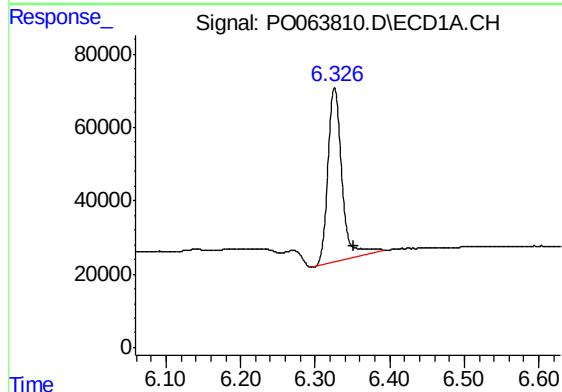
R.T.: 5.405 min  
Delta R.T.: -0.070 min  
Response: 16397  
Conc: 18.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



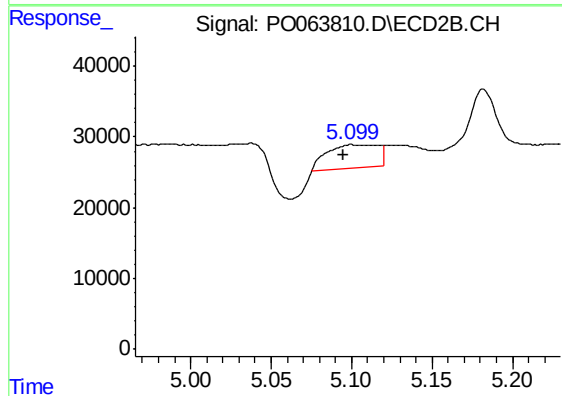
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.648 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

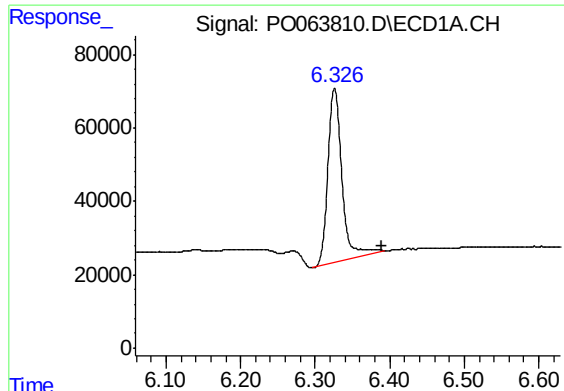
R.T.: 6.326 min  
Delta R.T.: -0.025 min  
Response: 616768  
Conc: 356.33 ng/ml



#24 AR-1248-4

R.T.: 5.100 min  
Delta R.T.: 0.006 min  
Response: 72828  
Conc: 67.65 ng/ml

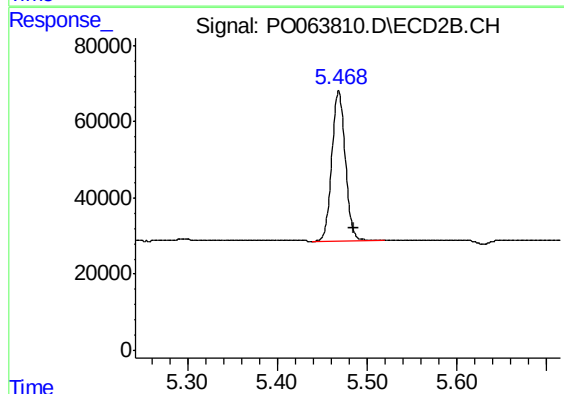




#25 AR-1248-5

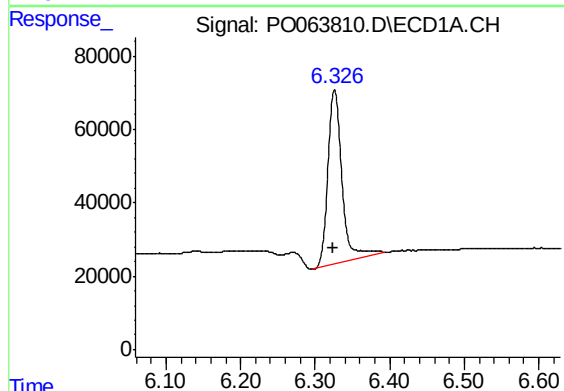
R.T.: 6.326 min  
Delta R.T.: -0.063 min  
Response: 616768  
Conc: 365.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



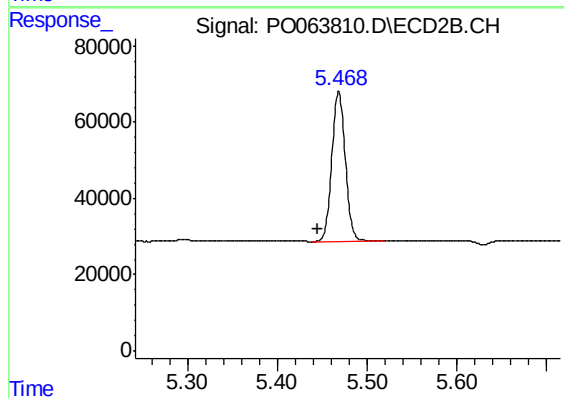
#25 AR-1248-5

R.T.: 5.468 min  
Delta R.T.: -0.017 min  
Response: 411870  
Conc: 369.27 ng/ml



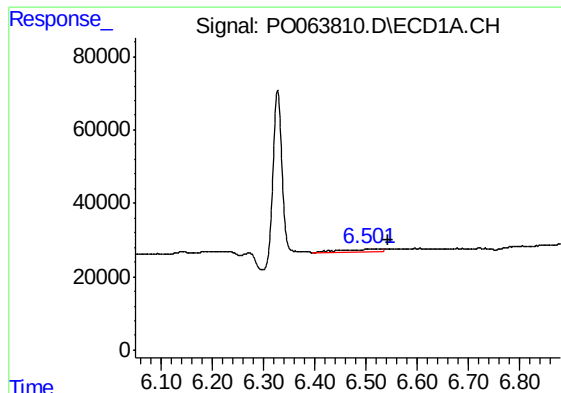
#26 AR-1254-1

R.T.: 6.326 min  
Delta R.T.: 0.002 min  
Response: 616768  
Conc: 353.04 ng/ml



#26 AR-1254-1

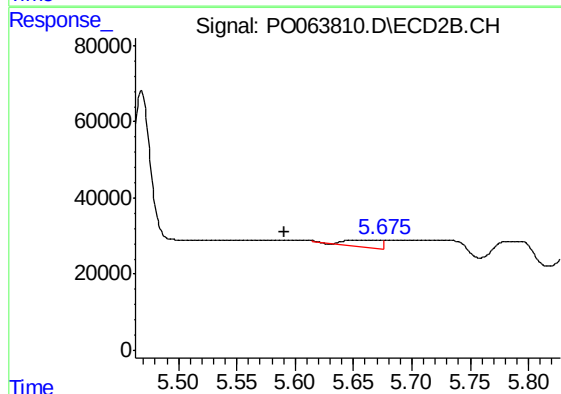
R.T.: 5.468 min  
Delta R.T.: 0.024 min  
Response: 411870  
Conc: 232.46 ng/ml



#27 AR-1254-2

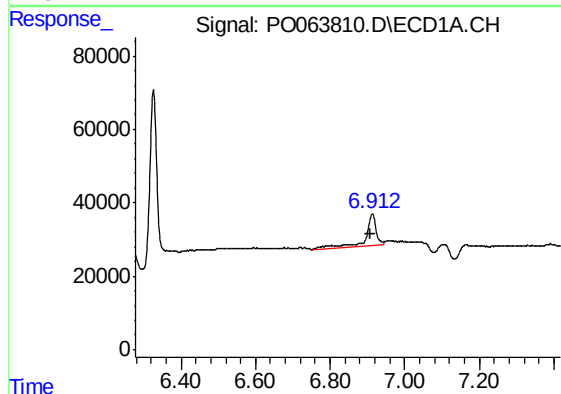
R.T.: 6.502 min  
Delta R.T.: -0.040 min  
Response: 34079  
Conc: 12.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



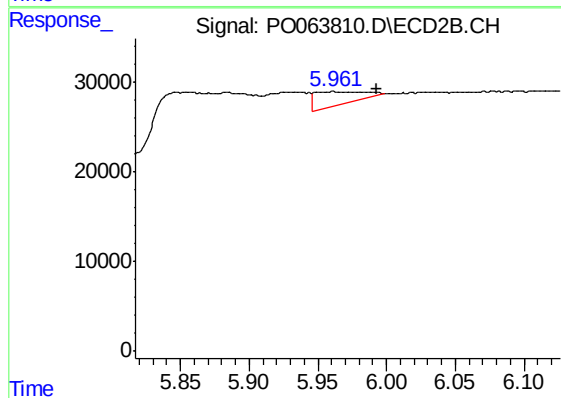
#27 AR-1254-2

R.T.: 5.650 min  
Delta R.T.: 0.059 min  
Response: 33871  
Conc: 21.48 ng/ml



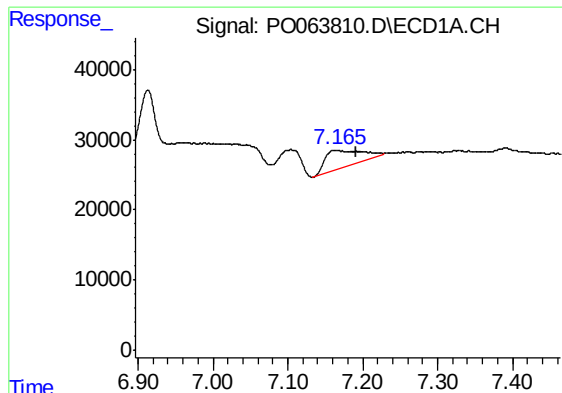
#28 AR-1254-3

R.T.: 6.913 min  
Delta R.T.: 0.007 min  
Response: 163101  
Conc: 51.95 ng/ml



#28 AR-1254-3

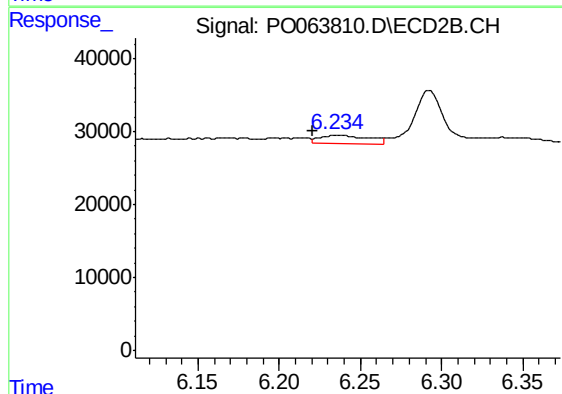
R.T.: 5.961 min  
Delta R.T.: -0.032 min  
Response: 34615  
Conc: 12.91 ng/ml



#29 AR-1254-4

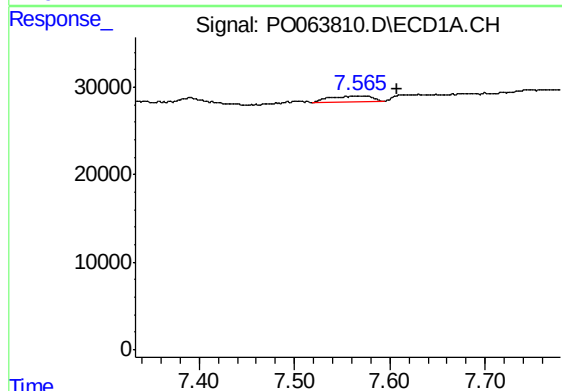
R.T.: 7.165 min  
Delta R.T.: -0.026 min  
Response: 81839  
Conc: 33.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



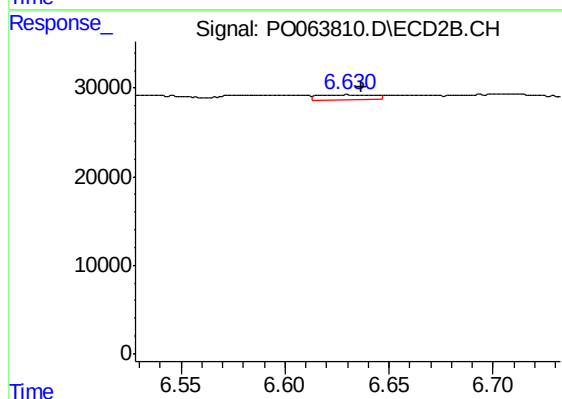
#29 AR-1254-4

R.T.: 6.235 min  
Delta R.T.: 0.015 min  
Response: 24708  
Conc: 13.93 ng/ml



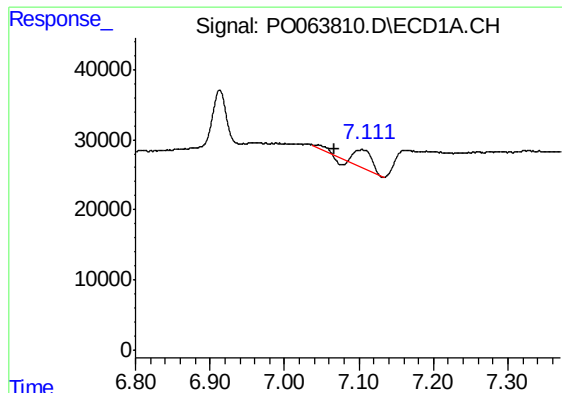
#30 AR-1254-5

R.T.: 7.567 min  
Delta R.T.: -0.041 min  
Response: 19877  
Conc: 7.33 ng/ml



#30 AR-1254-5

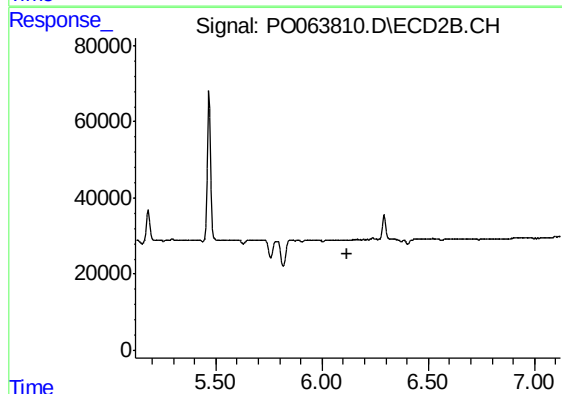
R.T.: 6.629 min  
Delta R.T.: -0.007 min  
Response: 11233  
Conc: 4.50 ng/ml



#31 AR-1260-1

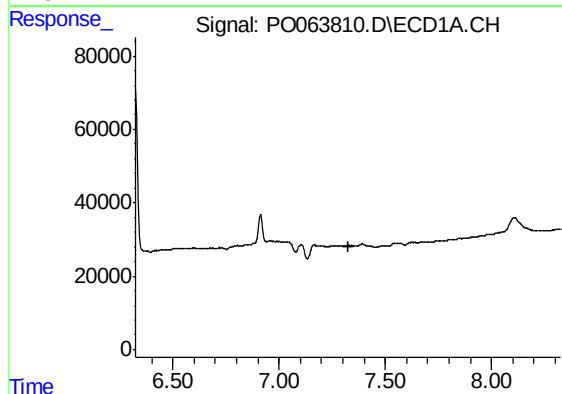
R.T.: 7.105 min  
Delta R.T.: 0.037 min  
Response: 41267  
Conc: 20.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



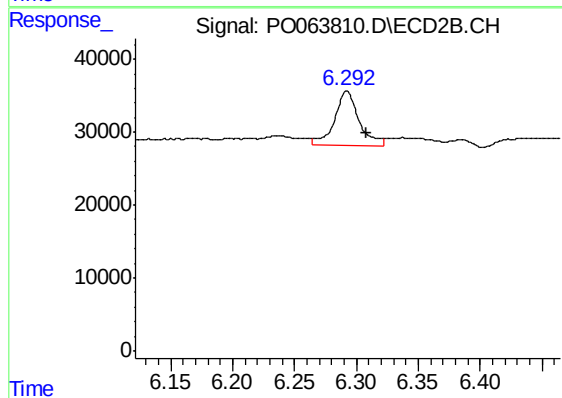
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.122 min  
Response: 0  
Conc: N.D.



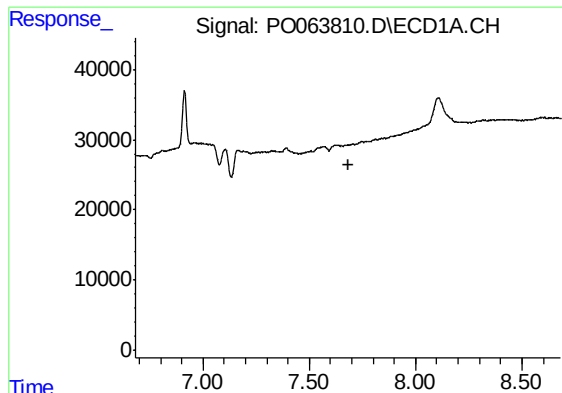
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 7.325 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

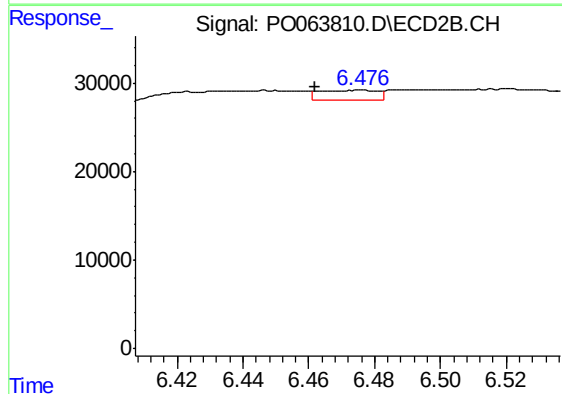
R.T.: 6.292 min  
Delta R.T.: -0.015 min  
Response: 102701  
Conc: 52.21 ng/ml



#33 AR-1260-3

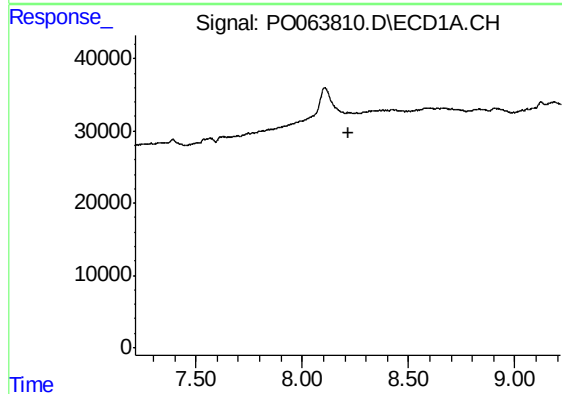
R.T.: 0.000 min  
Exp R.T.: 7.682 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



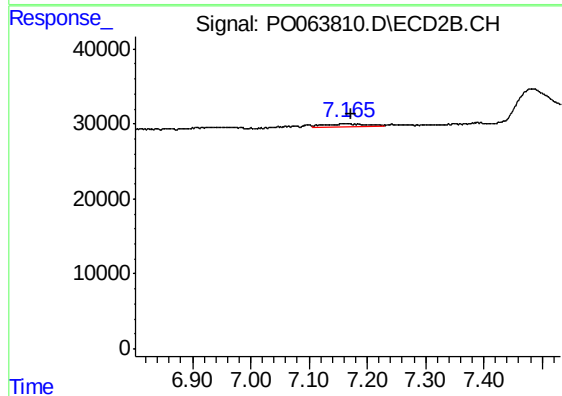
#33 AR-1260-3

R.T.: 6.476 min  
Delta R.T.: 0.014 min  
Response: 13175  
Conc: 7.39 ng/ml



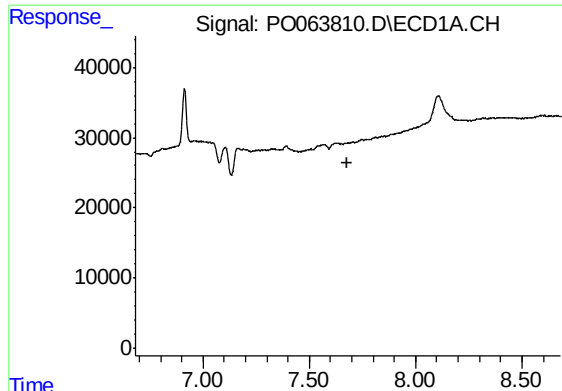
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.216 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

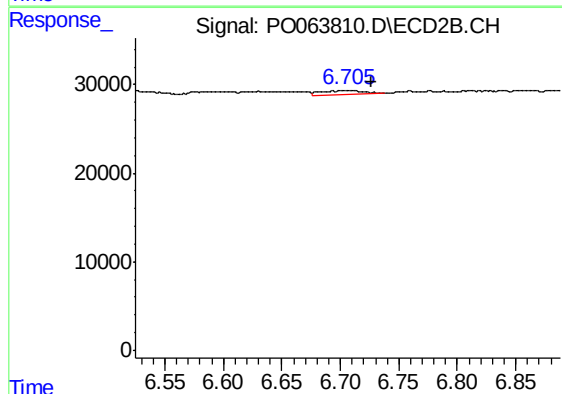
R.T.: 7.164 min  
Delta R.T.: -0.008 min  
Response: 15178  
Conc: 3.92 ng/ml



#36 AR-1262-1

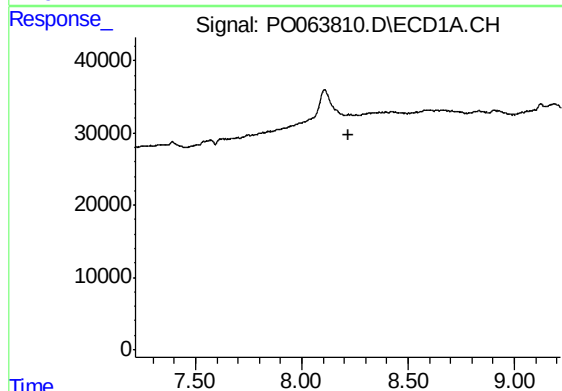
R.T.: 0.000 min  
Exp R.T.: 7.682 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



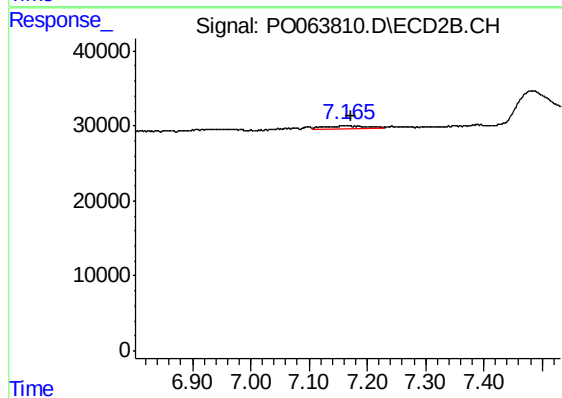
#36 AR-1262-1

R.T.: 6.706 min  
Delta R.T.: -0.022 min  
Response: 11514  
Conc: 11.01 ng/ml



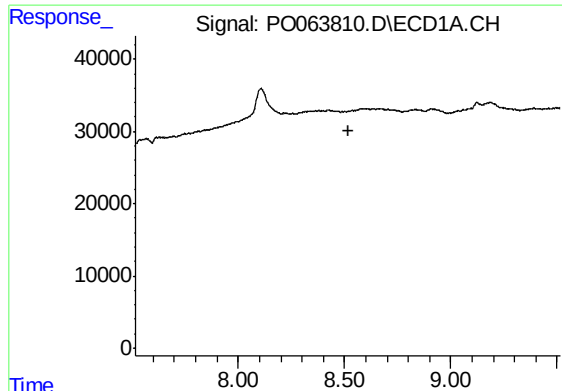
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.217 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

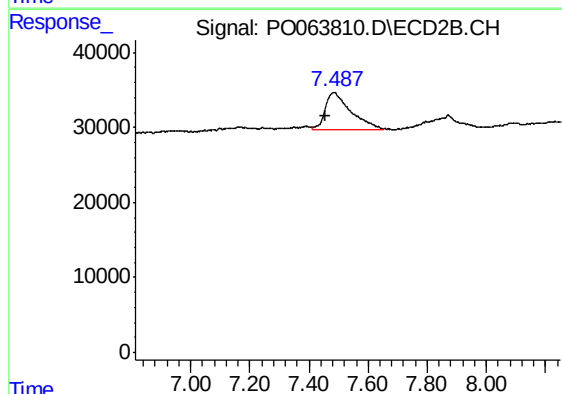
R.T.: 7.164 min  
Delta R.T.: -0.009 min  
Response: 15178  
Conc: 3.20 ng/ml



#38 AR-1262-3

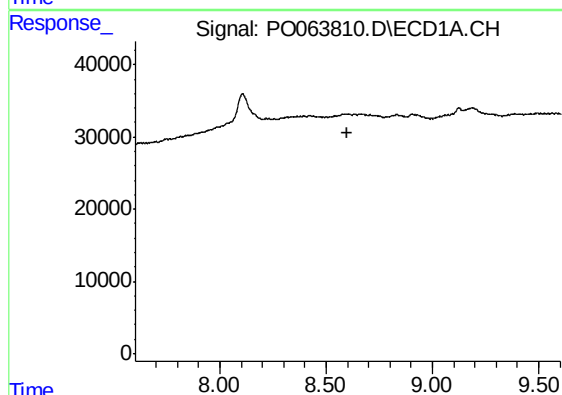
R.T.: 0.000 min  
Exp R.T. : 8.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



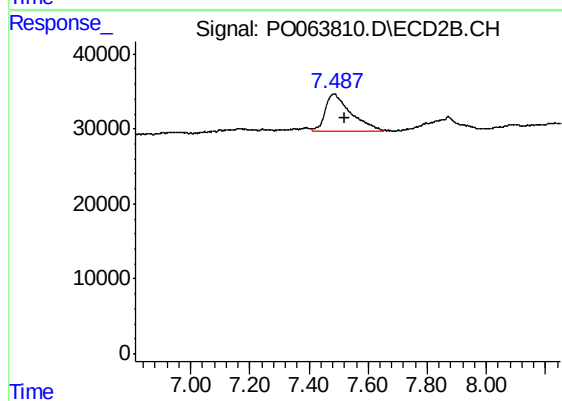
#38 AR-1262-3

R.T.: 7.486 min  
Delta R.T.: 0.029 min  
Response: 288304  
Conc: 153.82 ng/ml



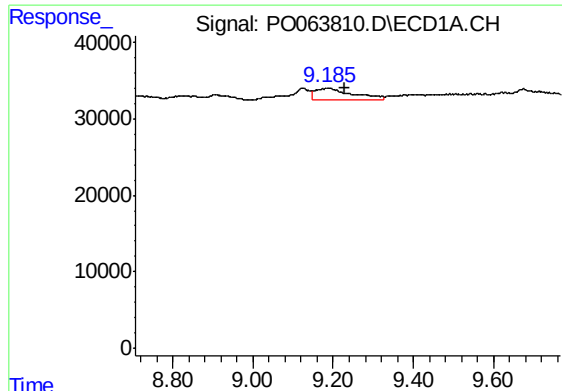
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.603 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

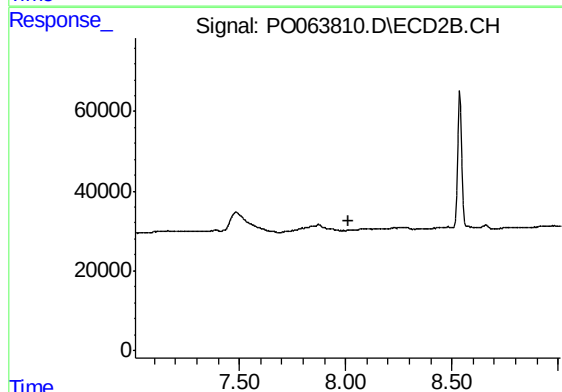
R.T.: 7.486 min  
Delta R.T.: -0.034 min  
Response: 288304  
Conc: 81.66 ng/ml



#40 AR-1262-5

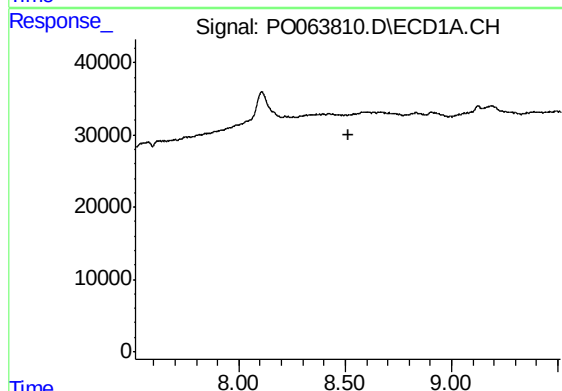
R.T.: 9.184 min  
Delta R.T.: -0.044 min  
Response: 99007  
Conc: 45.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



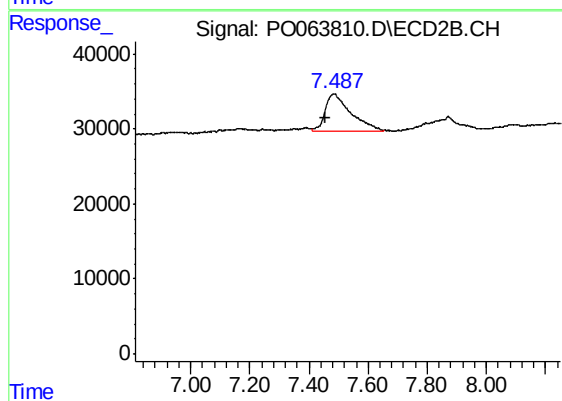
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 8.011 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

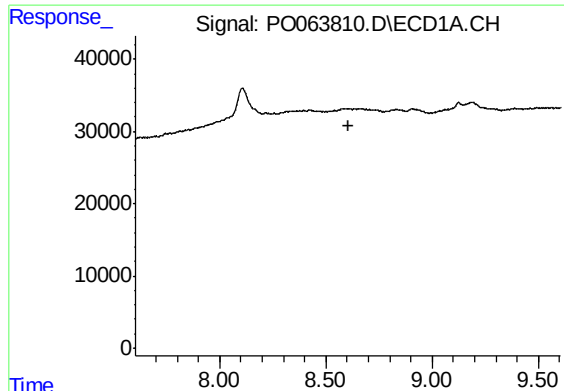
R.T.: 0.000 min  
Exp R.T. : 8.513 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

R.T.: 7.486 min  
Delta R.T.: 0.030 min  
Response: 288304  
Conc: 54.01 ng/ml

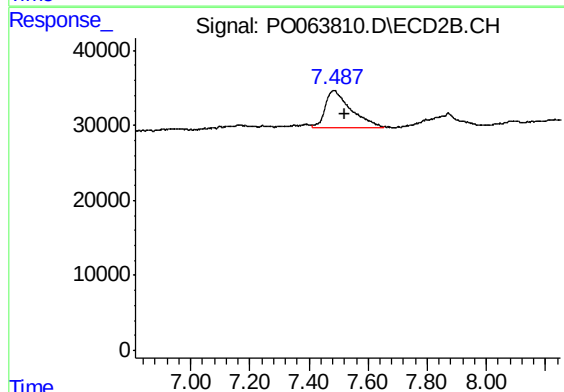




#42 AR-1268-2

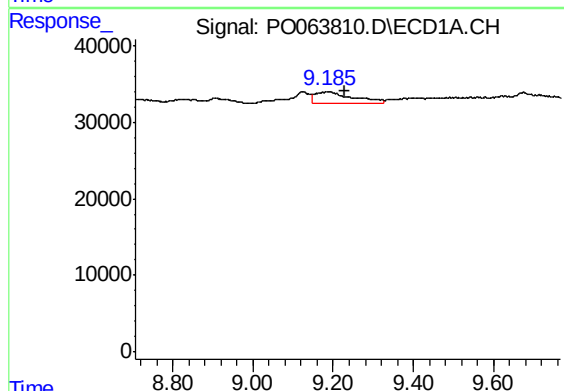
R.T.: 0.000 min  
Exp R.T. : 8.604 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



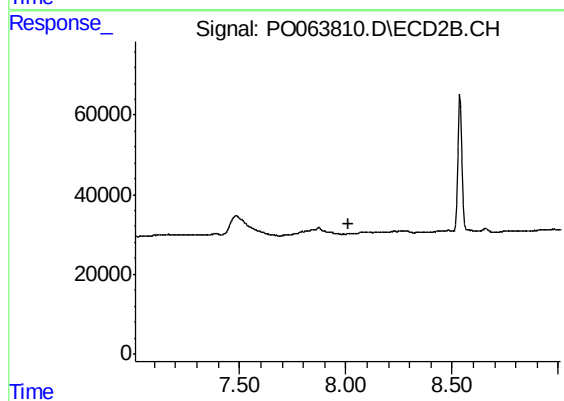
#42 AR-1268-2

R.T.: 7.486 min  
Delta R.T.: -0.034 min  
Response: 288304  
Conc: 57.85 ng/ml



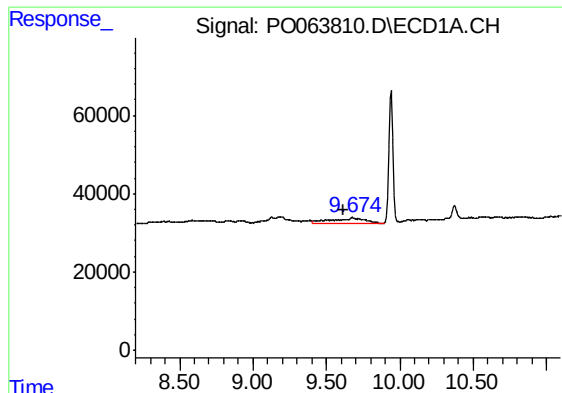
#44 AR-1268-4

R.T.: 9.184 min  
Delta R.T.: -0.045 min  
Response: 99007  
Conc: 40.73 ng/ml



#44 AR-1268-4

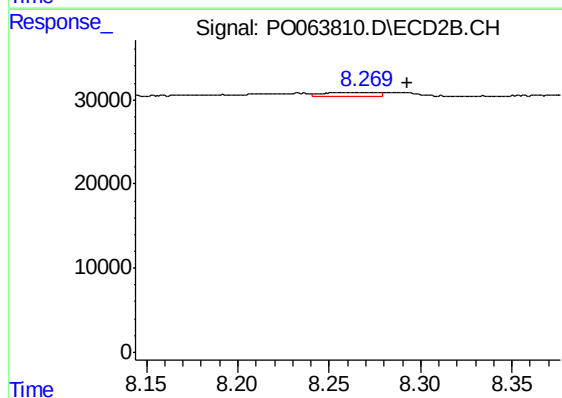
R.T.: 0.000 min  
Exp R.T. : 8.010 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.672 min  
Delta R.T.: 0.053 min  
Response: 212634  
Conc: 13.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
PHIPPS-BH-SE-02RE



#45 AR-1268-5

R.T.: 8.269 min  
Delta R.T.: -0.024 min  
Response: 9670  
Conc: 0.82 ng/ml