

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111719\
 Data File : P0063805.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Nov 2019 17:32
 Operator : SM/AJ
 Sample : K5840-09RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PHIPPS-BH-SE-01RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 01:12:29 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...	4.316	3.568	938033	695707	30.680	31.322
2)	SA Decachlor...	9.938	8.538	727940	495421	17.914	16.939
Target Compounds							
3)	L1 AR-1016-1	5.491	0.000	10004	0	7.204	N.D. #
4)	L1 AR-1016-2	5.491	0.000	10004	0	5.097	N.D. #
5)	L1 AR-1016-3	5.491	4.783	10004	110839	8.009	148.852 #
6)	L1 AR-1016-4	5.631	0.000	37087	0	36.059	N.D. #
7)	L1 AR-1016-5	5.913	5.100	131600	72208	123.674	90.916 #
8)	L2 AR-1221-1	0.000	3.731	0	10607	N.D.	39.045 #
9)	L2 AR-1221-2	4.619	3.867	17951	9779	57.233	46.509
10)	L2 AR-1221-3	4.619	3.983	17951	48839	18.927	73.266 #
11)	L3 AR-1232-1	4.619	3.983	17951	48839	13.497	51.812 #
13)	L3 AR-1232-3	5.491	4.783	10004	110839	6.992	209.409 #
14)	L3 AR-1232-4	5.631	0.000	37087	0	49.958	N.D. #
15)	L3 AR-1232-5	0.000	5.100	0	72208	N.D.	140.073 #
16)	L4 AR-1242-1	5.491	0.000	10004	0	9.456	N.D. #
17)	L4 AR-1242-2	5.491	0.000	10004	0	6.670	N.D. #
18)	L4 AR-1242-3	5.491	4.783	10004	110839	10.469	193.459 #
19)	L4 AR-1242-4	5.631	0.000	37087	0	47.222	N.D. #
20)	L4 AR-1242-5	6.417	5.468	188836	1338883	181.723	1720.159 #
21)	L5 AR-1248-1	5.491	0.000	10004	0	11.456	N.D. #
23)	L5 AR-1248-3	5.913	0.000	131600	0	92.250	N.D. #
24)	L5 AR-1248-4	6.326	5.100	1521436	72208	878.989	67.074 #
25)	L5 AR-1248-5	6.417	5.468	188836	1338883	111.960	1200.412 #
26)	L6 AR-1254-1	6.326	5.468	1521436	1338883	870.871	755.670
27)	L6 AR-1254-2	6.546	5.588	173587	142909	62.269	90.634 #
28)	L6 AR-1254-3	6.913	5.990	721217	92133	229.729	34.360 #
29)	L6 AR-1254-4	7.190	6.219	64710	102399	26.170	57.744 #
30)	L6 AR-1254-5	7.611	6.634	43165	46111	15.924	18.454
31)	L7 AR-1260-1	7.036	6.119	230432	358033	114.182	227.987 #
32)	L7 AR-1260-2	7.319	6.292	61193	356746	24.289	181.354 #
33)	L7 AR-1260-3	7.684	6.459	21517	104882	10.620	58.808 #
34)	L7 AR-1260-4	7.907	6.929	15334	9195	6.439	5.840
35)	L7 AR-1260-5	8.218	7.170	25913	43418	5.520	11.199 #
36)	L8 AR-1262-1	7.684	6.724	21517	6132	6.683	5.865
37)	L8 AR-1262-2	8.218	7.170	25913	43418	4.399	9.154 #
38)	L8 AR-1262-3	0.000	7.480	0	905275	N.D.	483.009 #
39)	L8 AR-1262-4	0.000	7.480	0	905275	N.D.	256.420 #
40)	L8 AR-1262-5	9.182	0.000	49881	0	22.898	N.D. #
41)	L9 AR-1268-1	0.000	7.480	0	905275	N.D.	169.576 #
42)	L9 AR-1268-2	0.000	7.480	0	905275	N.D.	181.657 #
43)	L9 AR-1268-3	0.000	7.792	0	39482	N.D.	9.946 #
44)	L9 AR-1268-4	9.182	0.000	49881	0	20.521	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111719\
Data File : P0063805.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 17 Nov 2019 17:32
Operator : SM/AJ
Sample : K5840-09RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

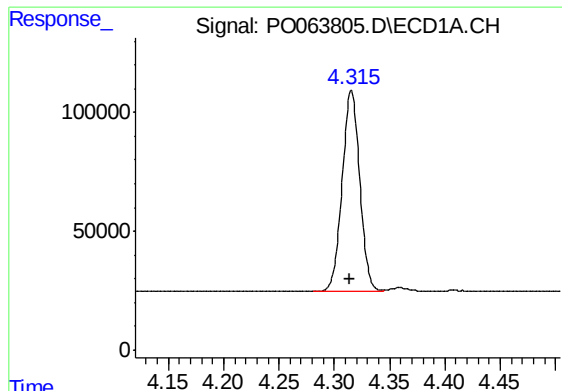
Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:12:29 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
45) L9	AR-1268-5	9.670	8.290	38644	24839	2.513	2.100

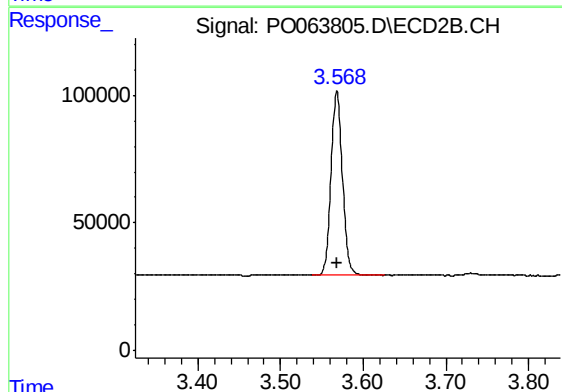
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

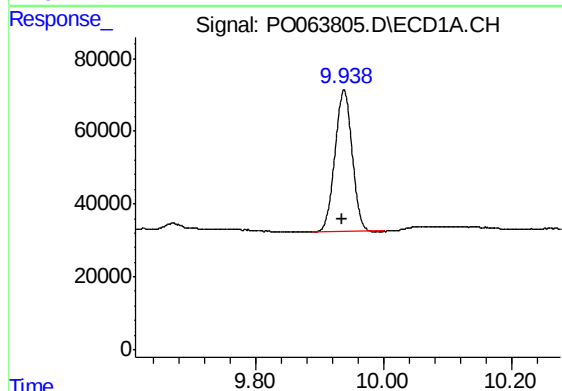
R.T.: 4.316 min
Delta R.T.: 0.002 min
Response: 938033
Conc: 30.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



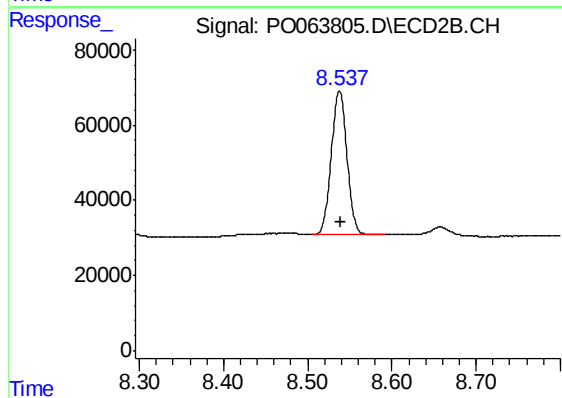
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: 0.000 min
Response: 695707
Conc: 31.32 ng/ml



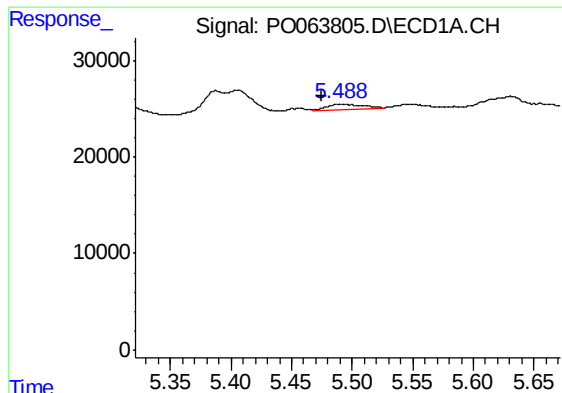
#2 Decachlorobiphenyl

R.T.: 9.938 min
Delta R.T.: 0.003 min
Response: 727940
Conc: 17.91 ng/ml



#2 Decachlorobiphenyl

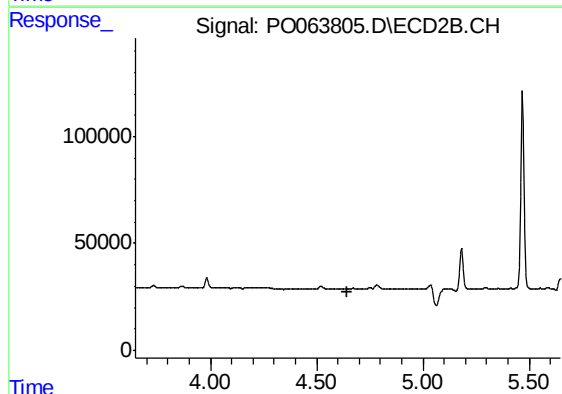
R.T.: 8.538 min
Delta R.T.: -0.002 min
Response: 495421
Conc: 16.94 ng/ml



#3 AR-1016-1

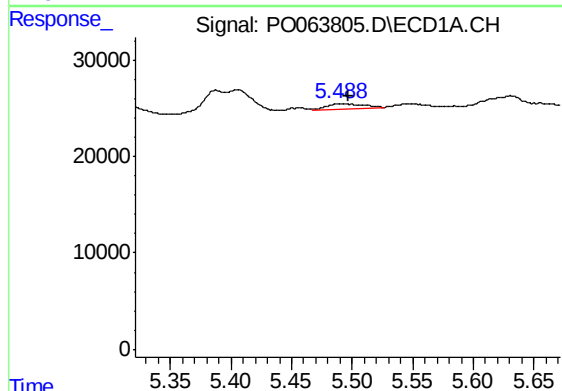
R.T.: 5.491 min
Delta R.T.: 0.015 min
Response: 10004
Conc: 7.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



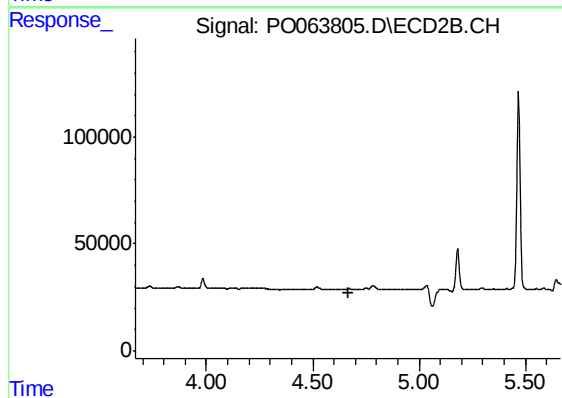
#3 AR-1016-1

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



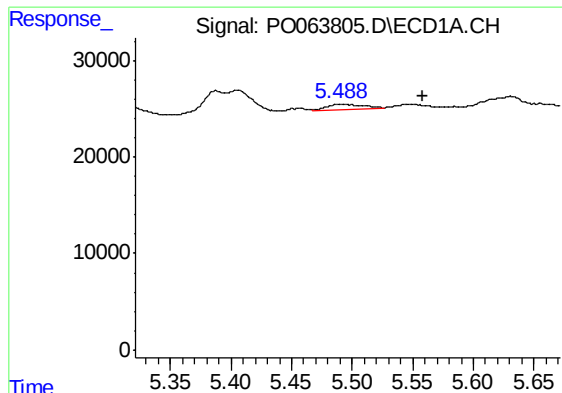
#4 AR-1016-2

R.T.: 5.491 min
Delta R.T.: -0.006 min
Response: 10004
Conc: 5.10 ng/ml



#4 AR-1016-2

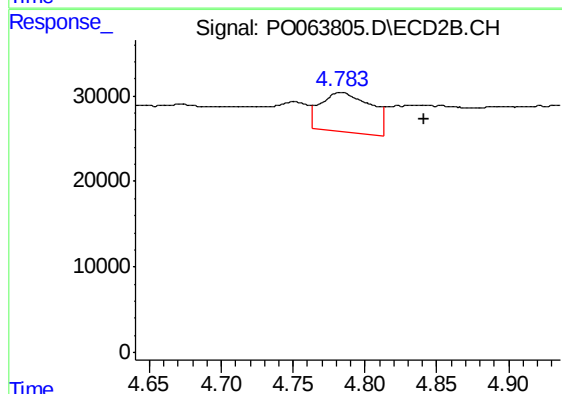
R.T.: 0.000 min
Exp R.T. : 4.666 min
Response: 0
Conc: N.D.



#5 AR-1016-3

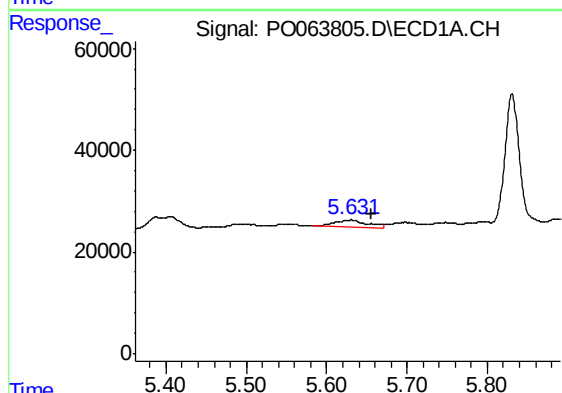
R.T.: 5.491 min
Delta R.T.: -0.068 min
Response: 10004
Conc: 8.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



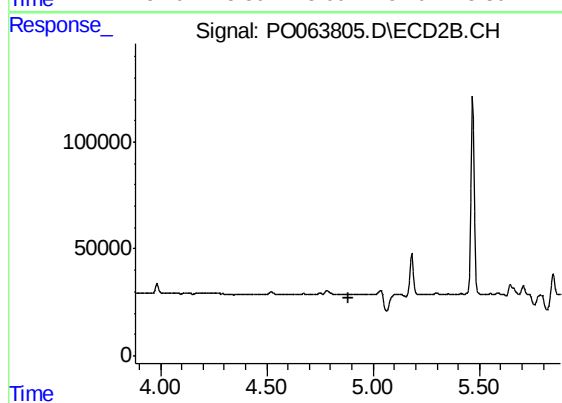
#5 AR-1016-3

R.T.: 4.783 min
Delta R.T.: -0.058 min
Response: 110839
Conc: 148.85 ng/ml



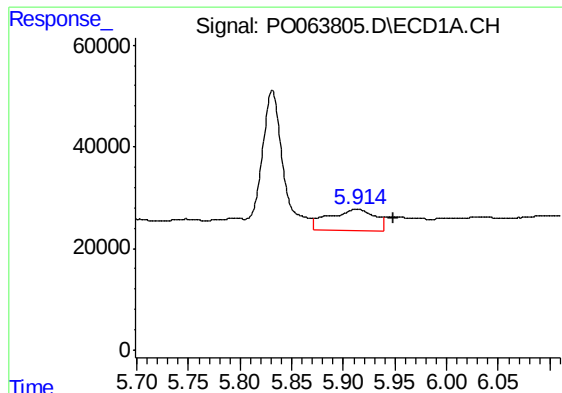
#6 AR-1016-4

R.T.: 5.631 min
Delta R.T.: -0.025 min
Response: 37087
Conc: 36.06 ng/ml



#6 AR-1016-4

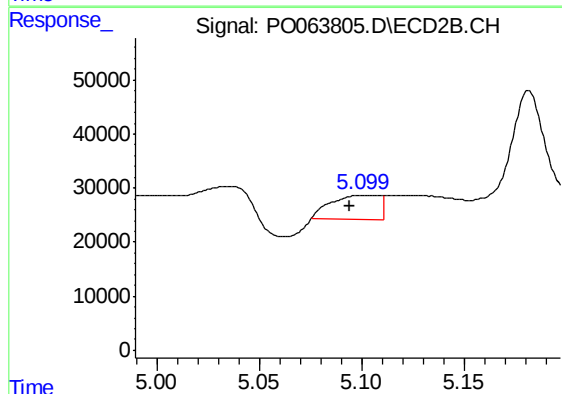
R.T.: 0.000 min
Exp R.T. : 4.882 min
Response: 0
Conc: N.D.



#7 AR-1016-5

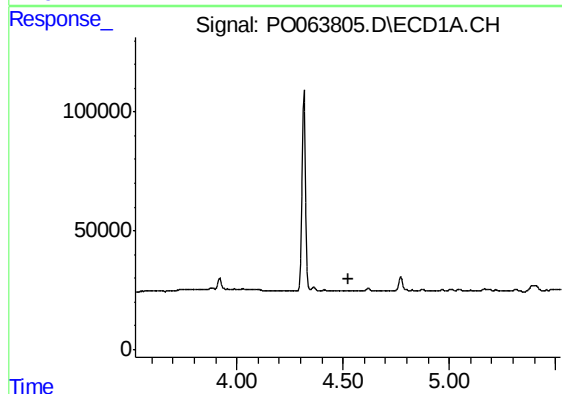
R.T.: 5.913 min
Delta R.T.: -0.036 min
Response: 131600
Conc: 123.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



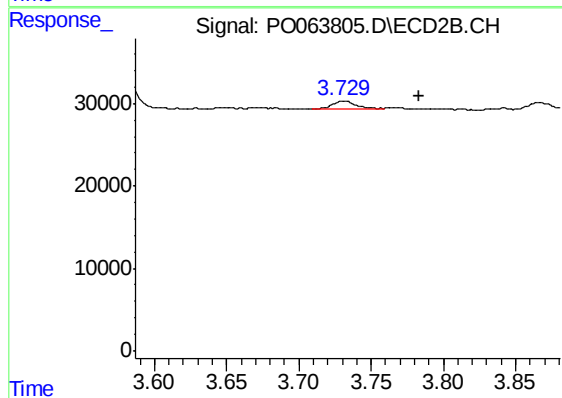
#7 AR-1016-5

R.T.: 5.100 min
Delta R.T.: 0.006 min
Response: 72208
Conc: 90.92 ng/ml



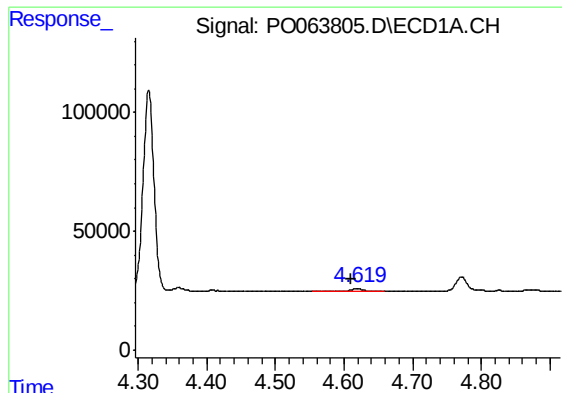
#8 AR-1221-1

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



#8 AR-1221-1

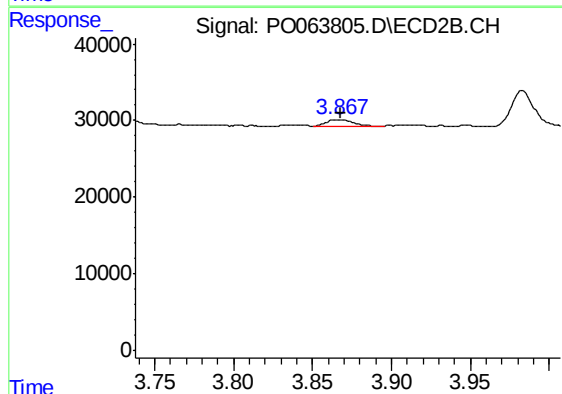
R.T.: 3.731 min
Delta R.T.: -0.052 min
Response: 10607
Conc: 39.04 ng/ml



#9 AR-1221-2

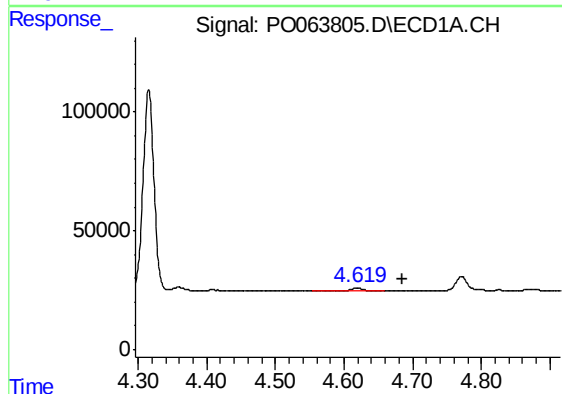
R.T.: 4.619 min
Delta R.T.: 0.009 min
Response: 17951
Conc: 57.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



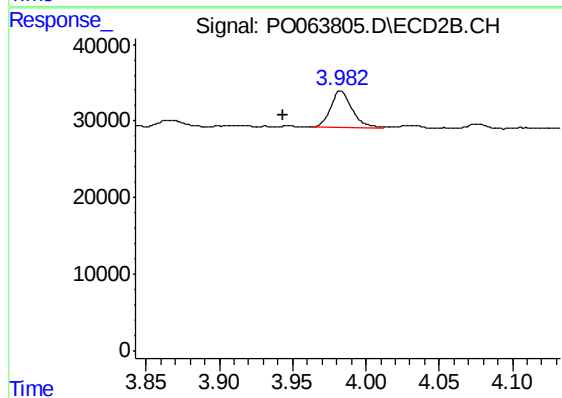
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 9779
Conc: 46.51 ng/ml



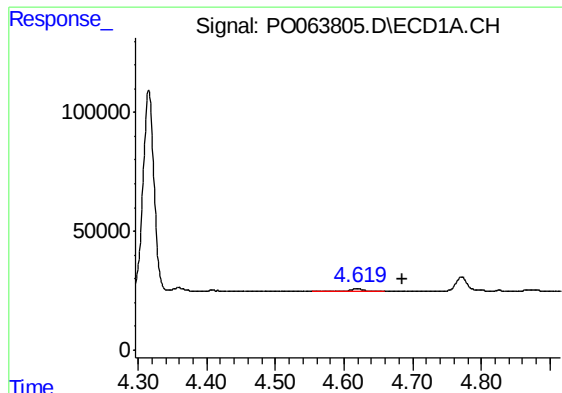
#10 AR-1221-3

R.T.: 4.619 min
Delta R.T.: -0.067 min
Response: 17951
Conc: 18.93 ng/ml



#10 AR-1221-3

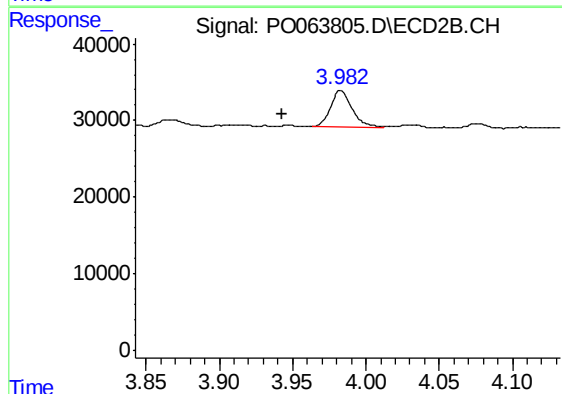
R.T.: 3.983 min
Delta R.T.: 0.039 min
Response: 48839
Conc: 73.27 ng/ml



#11 AR-1232-1

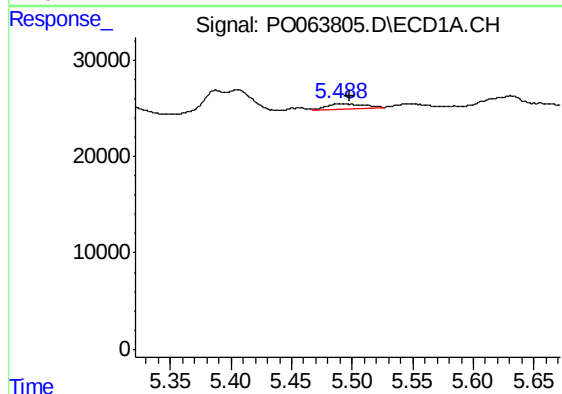
R.T.: 4.619 min
Delta R.T.: -0.067 min
Response: 17951
Conc: 13.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



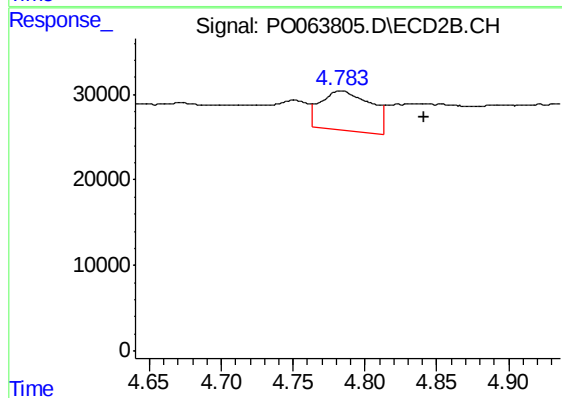
#11 AR-1232-1

R.T.: 3.983 min
Delta R.T.: 0.040 min
Response: 48839
Conc: 51.81 ng/ml



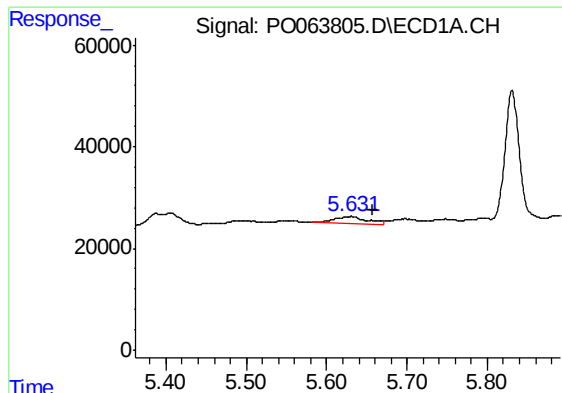
#13 AR-1232-3

R.T.: 5.491 min
Delta R.T.: -0.007 min
Response: 10004
Conc: 6.99 ng/ml



#13 AR-1232-3

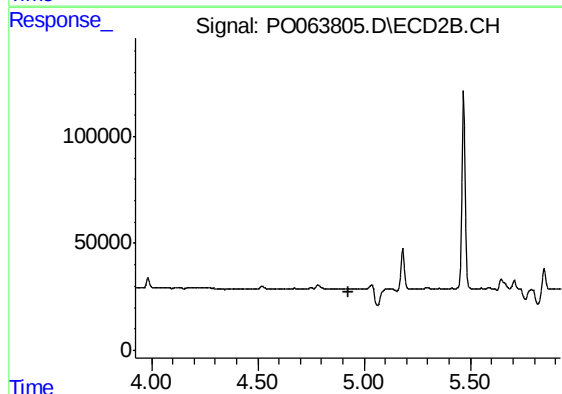
R.T.: 4.783 min
Delta R.T.: -0.058 min
Response: 110839
Conc: 209.41 ng/ml



#14 AR-1232-4

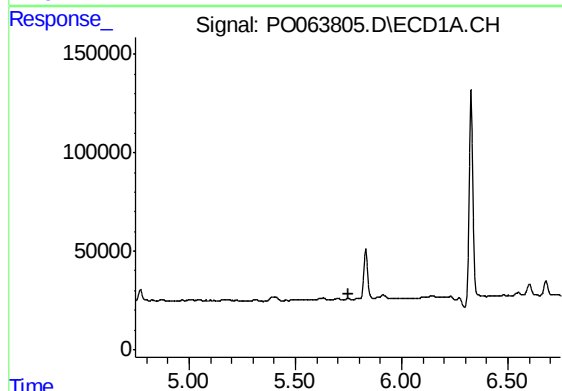
R.T.: 5.631 min
Delta R.T.: -0.027 min
Response: 37087
Conc: 49.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



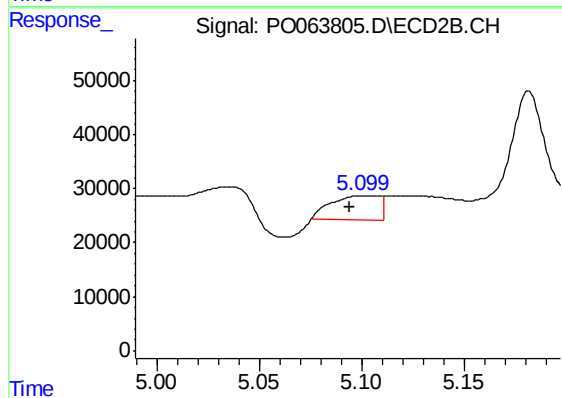
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



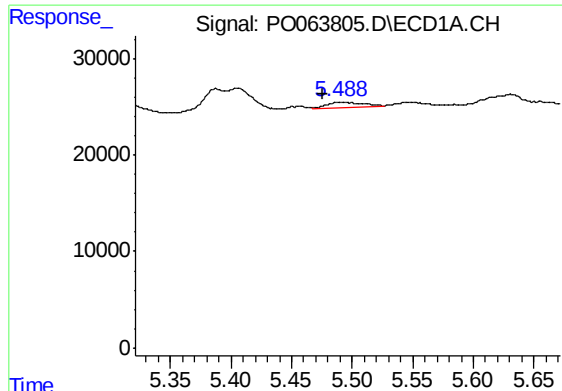
#15 AR-1232-5

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



#15 AR-1232-5

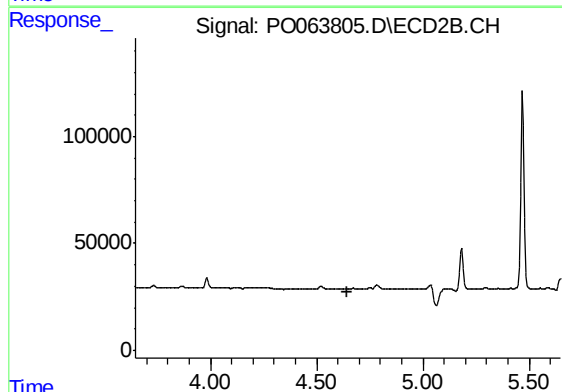
R.T.: 5.100 min
Delta R.T.: 0.006 min
Response: 72208
Conc: 140.07 ng/ml



#16 AR-1242-1

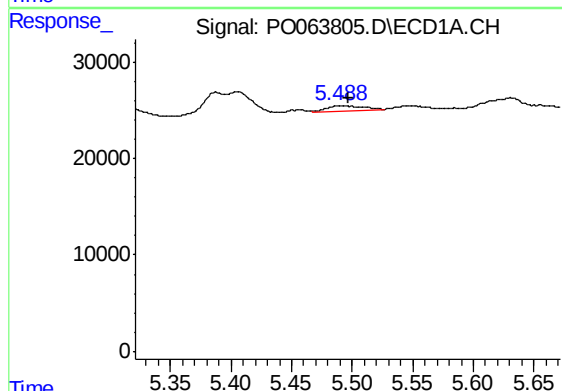
R.T.: 5.491 min
Delta R.T.: 0.015 min
Response: 10004
Conc: 9.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



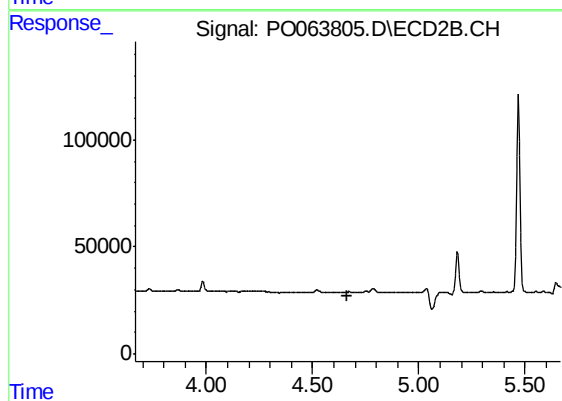
#16 AR-1242-1

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



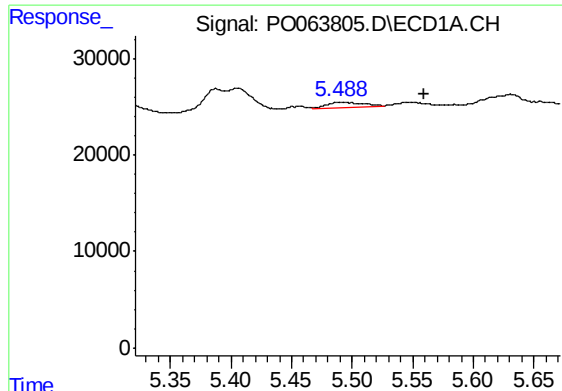
#17 AR-1242-2

R.T.: 5.491 min
Delta R.T.: -0.007 min
Response: 10004
Conc: 6.67 ng/ml



#17 AR-1242-2

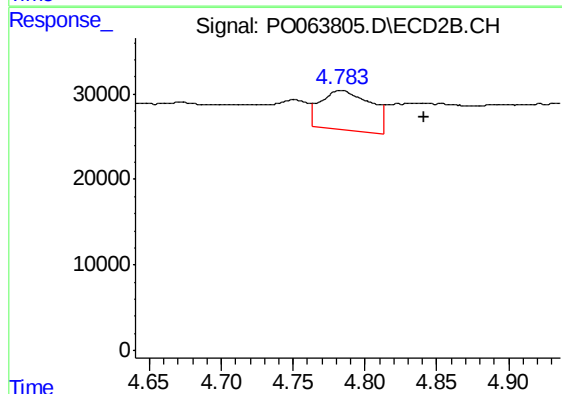
R.T.: 0.000 min
Exp R.T. : 4.666 min
Response: 0
Conc: N.D.



#18 AR-1242-3

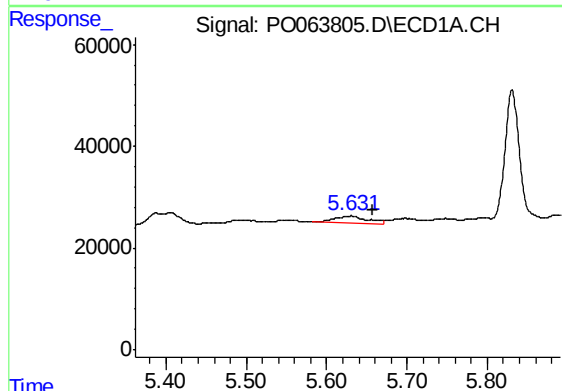
R.T.: 5.491 min
Delta R.T.: -0.069 min
Response: 10004
Conc: 10.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



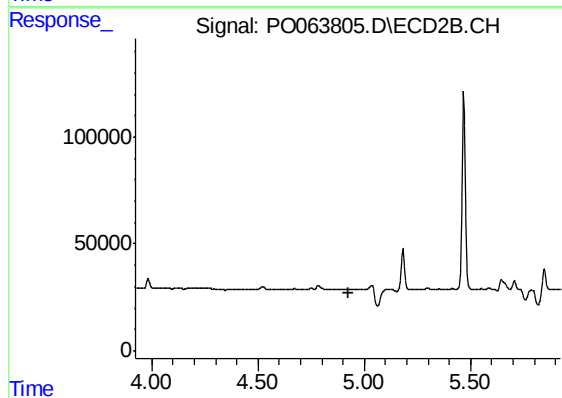
#18 AR-1242-3

R.T.: 4.783 min
Delta R.T.: -0.058 min
Response: 110839
Conc: 193.46 ng/ml



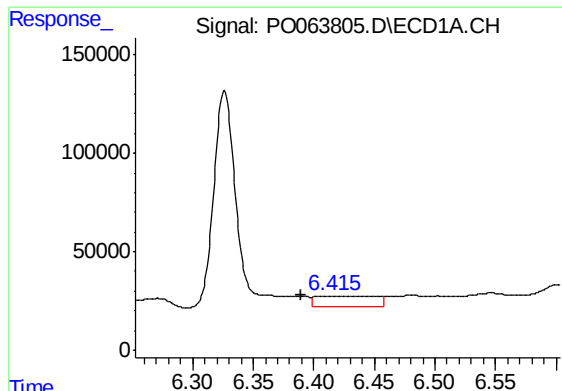
#19 AR-1242-4

R.T.: 5.631 min
Delta R.T.: -0.027 min
Response: 37087
Conc: 47.22 ng/ml



#19 AR-1242-4

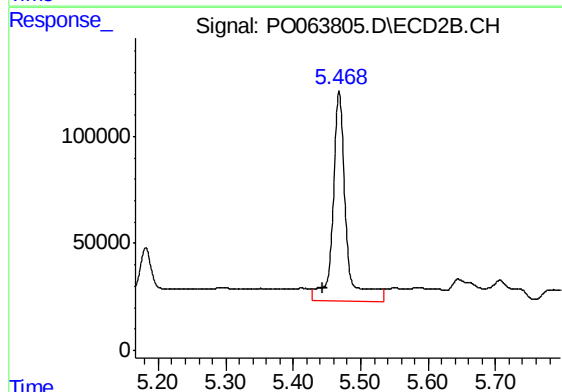
R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#20 AR-1242-5

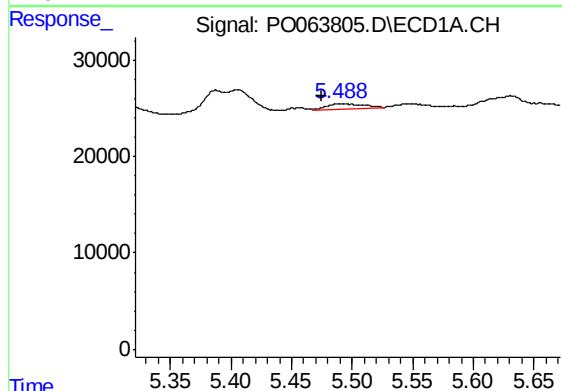
R.T.: 6.417 min
Delta R.T.: 0.028 min
Response: 188836
Conc: 181.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



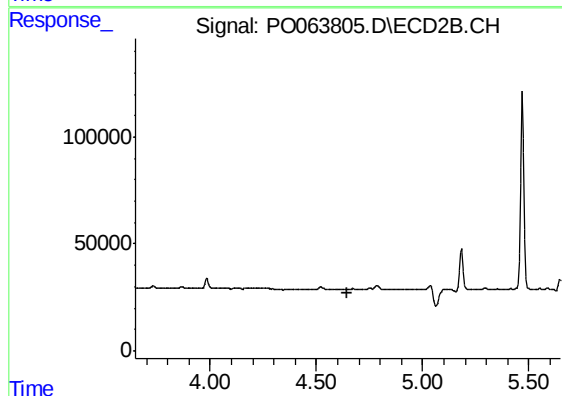
#20 AR-1242-5

R.T.: 5.468 min
Delta R.T.: 0.025 min
Response: 1338883
Conc: 1720.16 ng/ml



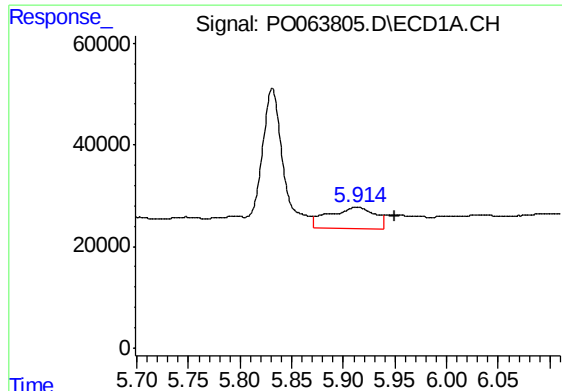
#21 AR-1248-1

R.T.: 5.491 min
Delta R.T.: 0.015 min
Response: 10004
Conc: 11.46 ng/ml



#21 AR-1248-1

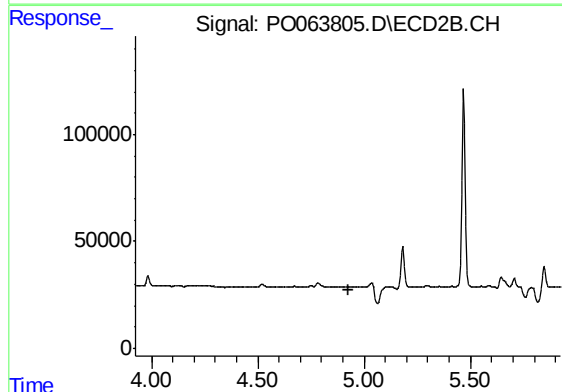
R.T.: 0.000 min
Exp R.T. : 4.648 min
Response: 0
Conc: N.D.



#23 AR-1248-3

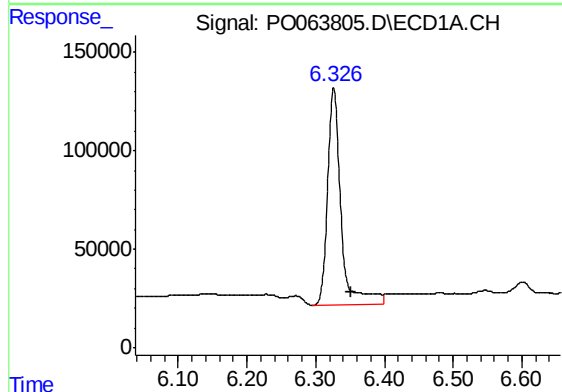
R.T.: 5.913 min
Delta R.T.: -0.036 min
Response: 131600
Conc: 92.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



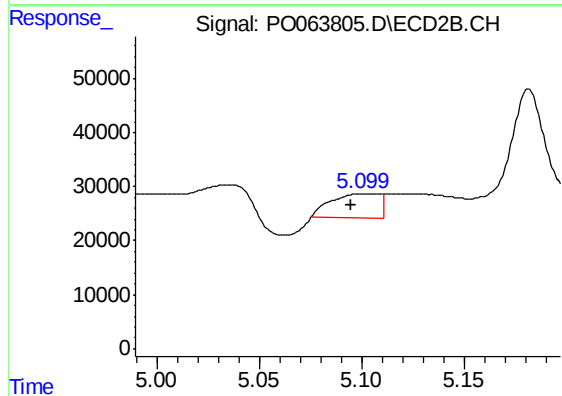
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



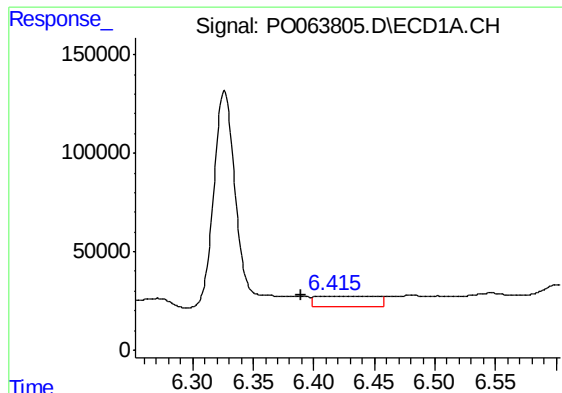
#24 AR-1248-4

R.T.: 6.326 min
Delta R.T.: -0.025 min
Response: 1521436
Conc: 878.99 ng/ml



#24 AR-1248-4

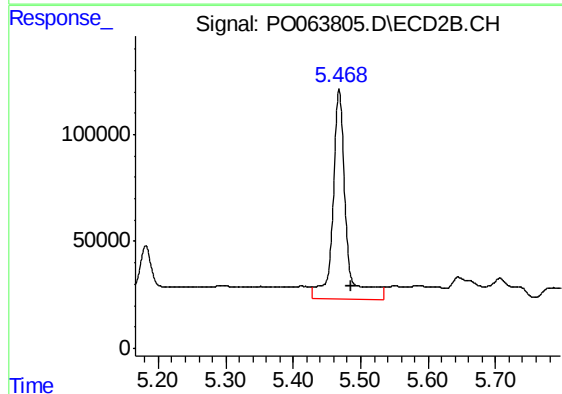
R.T.: 5.100 min
Delta R.T.: 0.006 min
Response: 72208
Conc: 67.07 ng/ml



#25 AR-1248-5

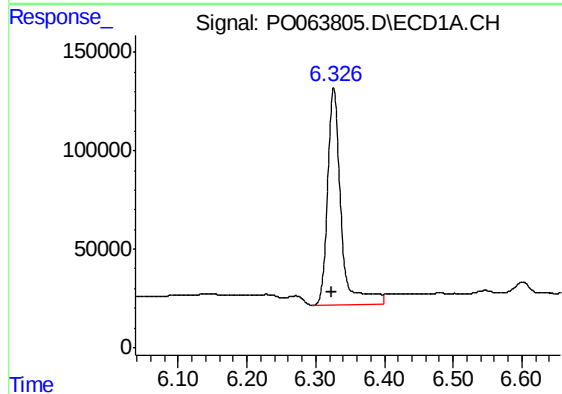
R.T.: 6.417 min
Delta R.T.: 0.028 min
Response: 188836
Conc: 111.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



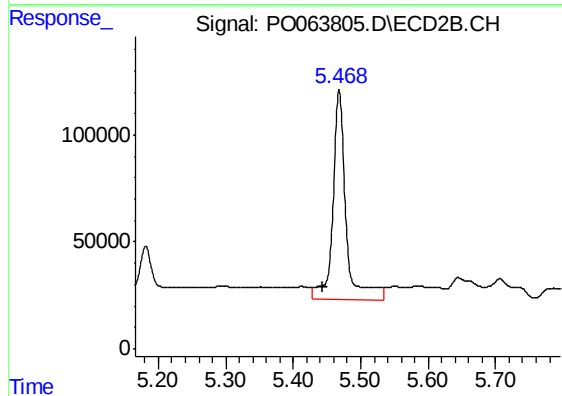
#25 AR-1248-5

R.T.: 5.468 min
Delta R.T.: -0.017 min
Response: 1338883
Conc: 1200.41 ng/ml



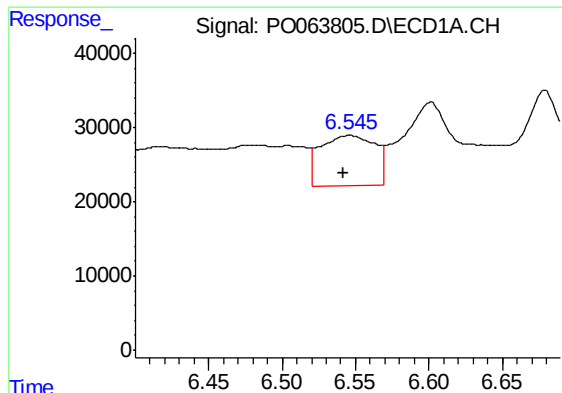
#26 AR-1254-1

R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 1521436
Conc: 870.87 ng/ml



#26 AR-1254-1

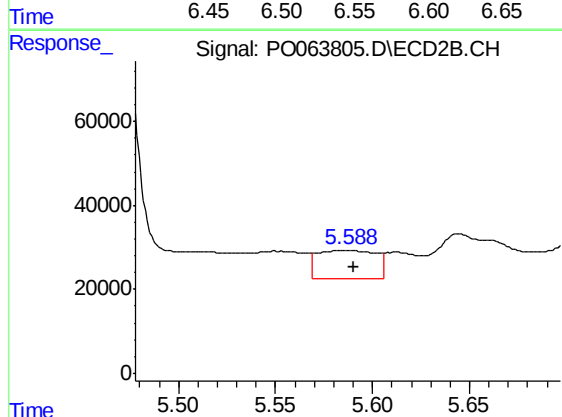
R.T.: 5.468 min
Delta R.T.: 0.023 min
Response: 1338883
Conc: 755.67 ng/ml



#27 AR-1254-2

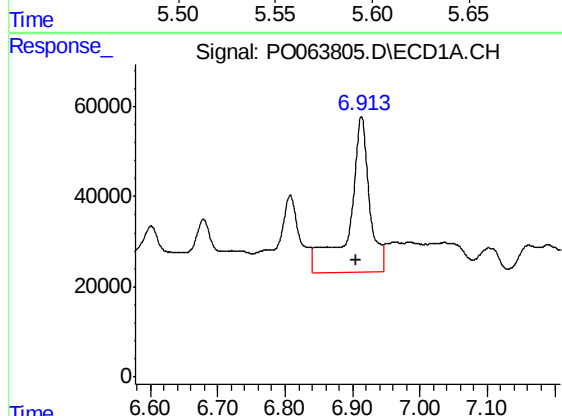
R.T.: 6.546 min
Delta R.T.: 0.004 min
Response: 173587
Conc: 62.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



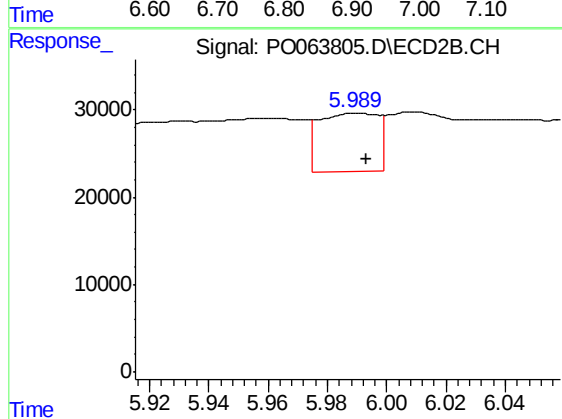
#27 AR-1254-2

R.T.: 5.588 min
Delta R.T.: -0.003 min
Response: 142909
Conc: 90.63 ng/ml



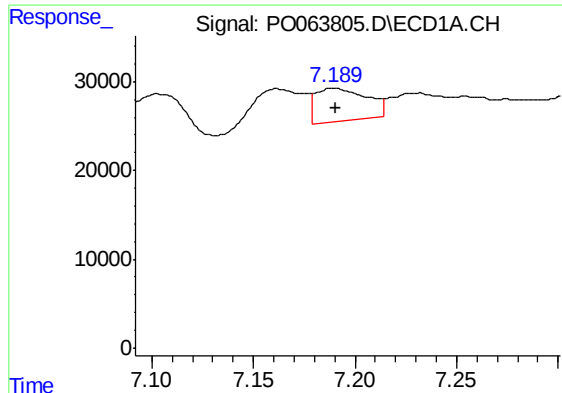
#28 AR-1254-3

R.T.: 6.913 min
Delta R.T.: 0.007 min
Response: 721217
Conc: 229.73 ng/ml



#28 AR-1254-3

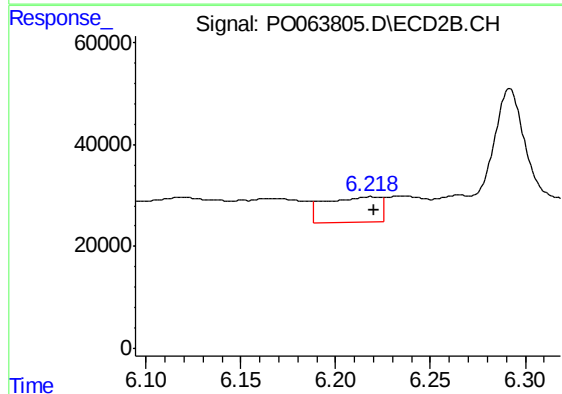
R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 92133
Conc: 34.36 ng/ml



#29 AR-1254-4

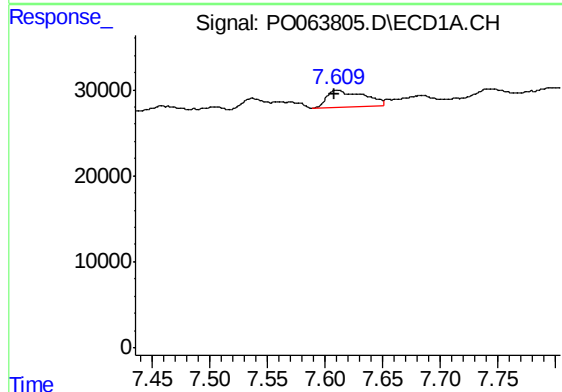
R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 64710
Conc: 26.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



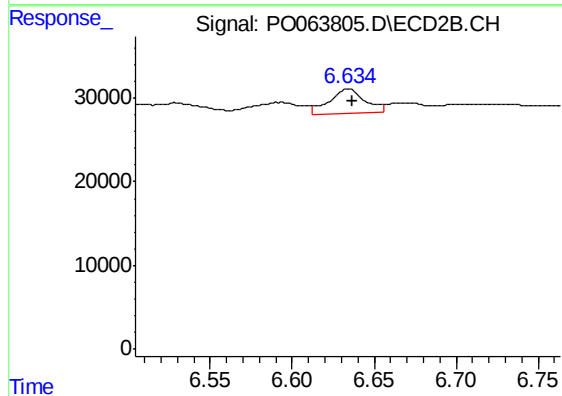
#29 AR-1254-4

R.T.: 6.219 min
Delta R.T.: -0.001 min
Response: 102399
Conc: 57.74 ng/ml



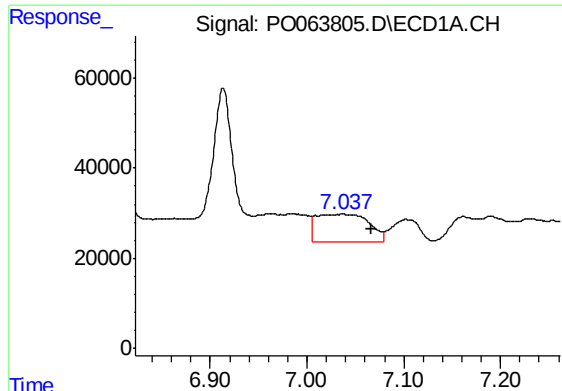
#30 AR-1254-5

R.T.: 7.611 min
Delta R.T.: 0.003 min
Response: 43165
Conc: 15.92 ng/ml



#30 AR-1254-5

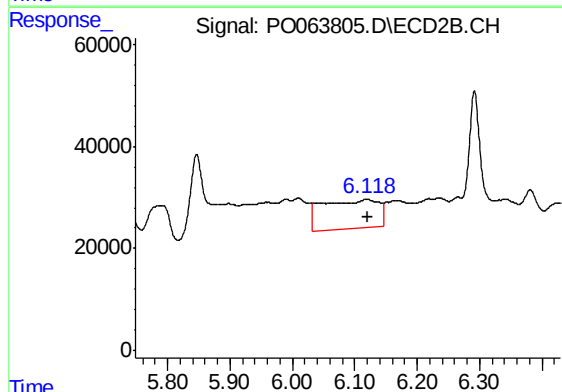
R.T.: 6.634 min
Delta R.T.: -0.002 min
Response: 46111
Conc: 18.45 ng/ml



#31 AR-1260-1

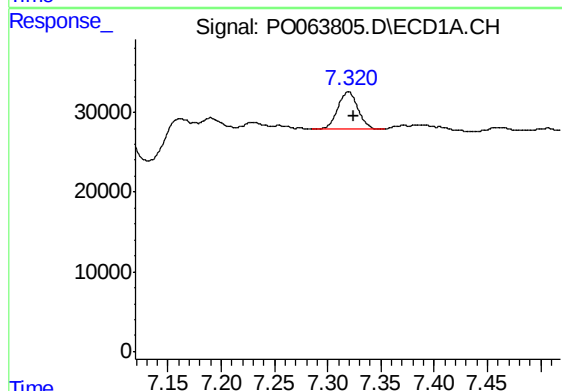
R.T.: 7.036 min
Delta R.T.: -0.031 min
Response: 230432
Conc: 114.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



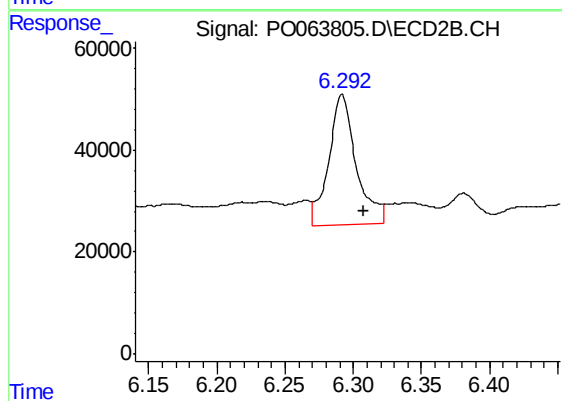
#31 AR-1260-1

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 358033
Conc: 227.99 ng/ml



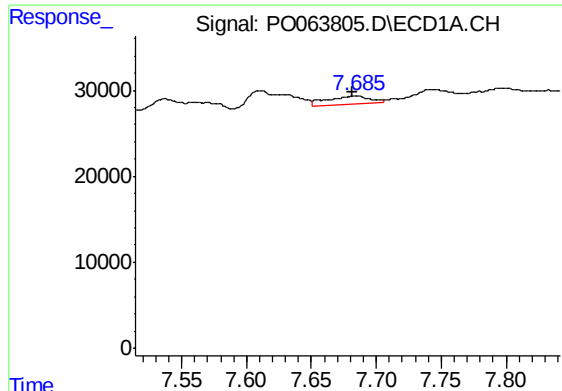
#32 AR-1260-2

R.T.: 7.319 min
Delta R.T.: -0.005 min
Response: 61193
Conc: 24.29 ng/ml



#32 AR-1260-2

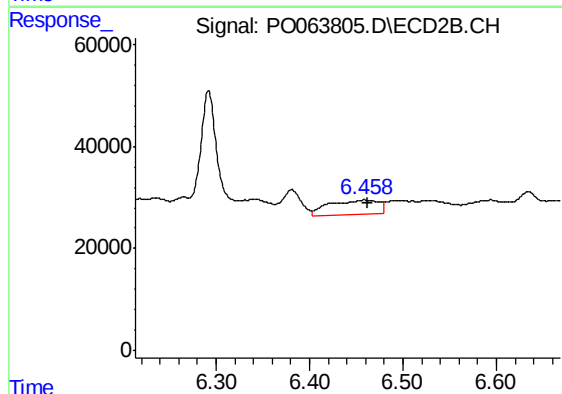
R.T.: 6.292 min
Delta R.T.: -0.016 min
Response: 356746
Conc: 181.35 ng/ml



#33 AR-1260-3

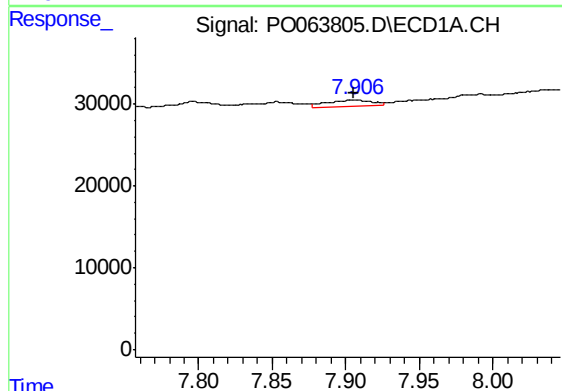
R.T.: 7.684 min
Delta R.T.: 0.002 min
Response: 21517
Conc: 10.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



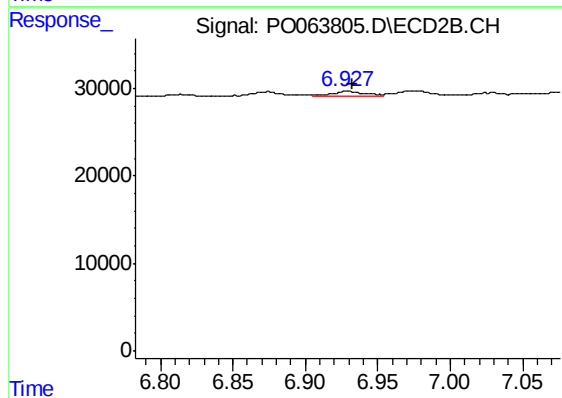
#33 AR-1260-3

R.T.: 6.459 min
Delta R.T.: -0.003 min
Response: 104882
Conc: 58.81 ng/ml



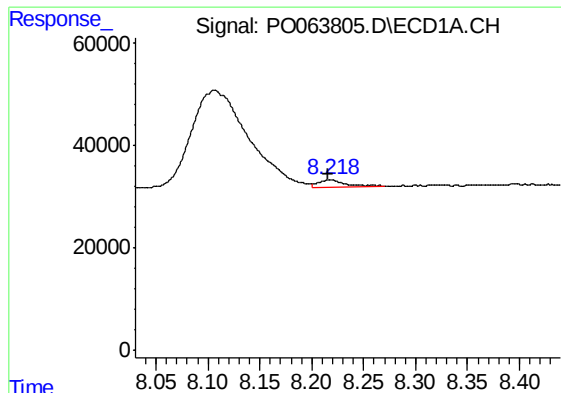
#34 AR-1260-4

R.T.: 7.907 min
Delta R.T.: 0.001 min
Response: 15334
Conc: 6.44 ng/ml



#34 AR-1260-4

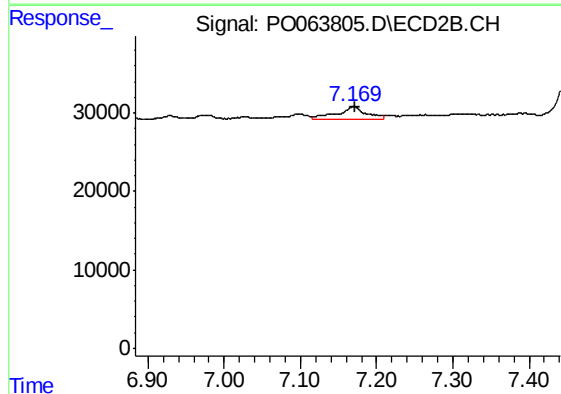
R.T.: 6.929 min
Delta R.T.: -0.003 min
Response: 9195
Conc: 5.84 ng/ml



#35 AR-1260-5

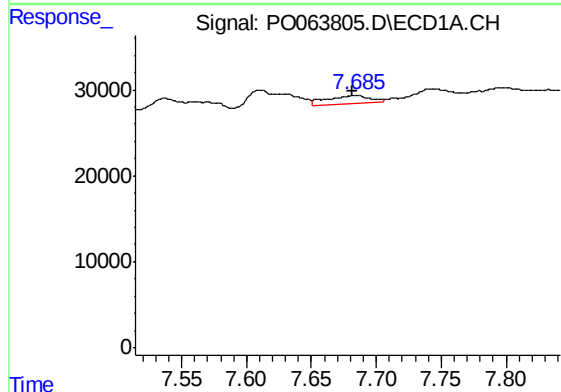
R.T.: 8.218 min
Delta R.T.: 0.002 min
Response: 25913
Conc: 5.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



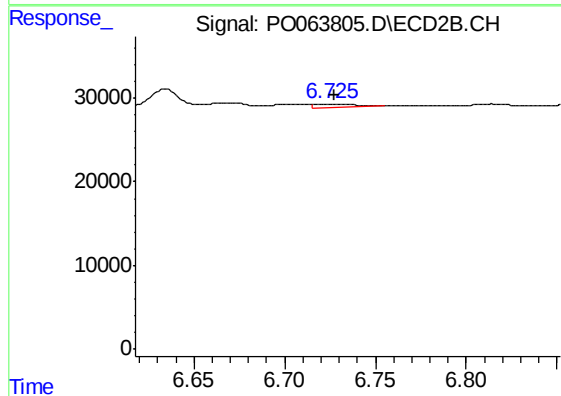
#35 AR-1260-5

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 43418
Conc: 11.20 ng/ml



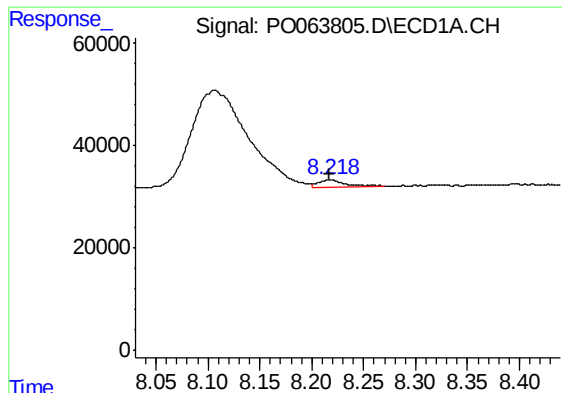
#36 AR-1262-1

R.T.: 7.684 min
Delta R.T.: 0.003 min
Response: 21517
Conc: 6.68 ng/ml



#36 AR-1262-1

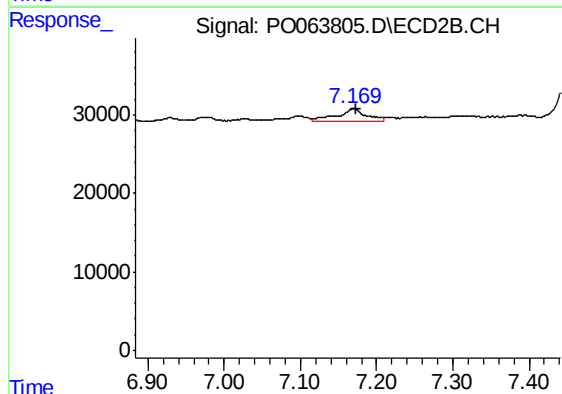
R.T.: 6.724 min
Delta R.T.: -0.004 min
Response: 6132
Conc: 5.86 ng/ml



#37 AR-1262-2

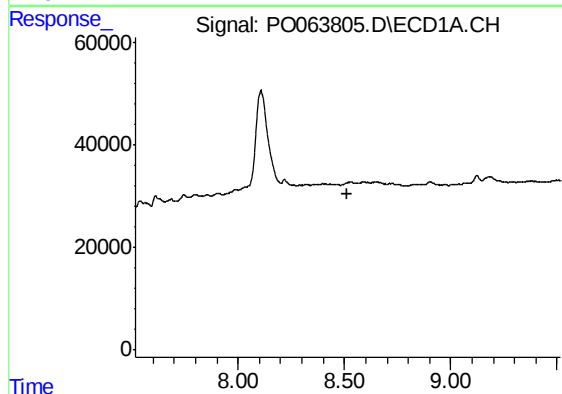
R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 25913
Conc: 4.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



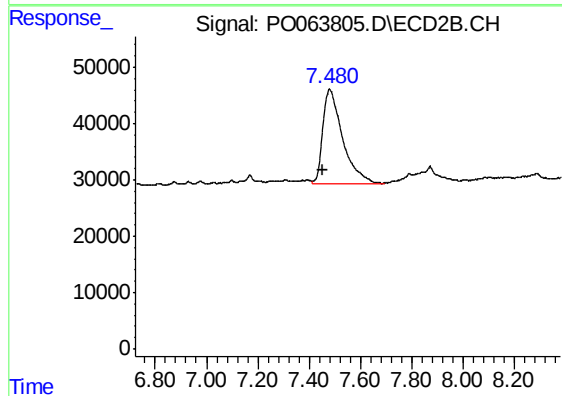
#37 AR-1262-2

R.T.: 7.170 min
Delta R.T.: -0.004 min
Response: 43418
Conc: 9.15 ng/ml



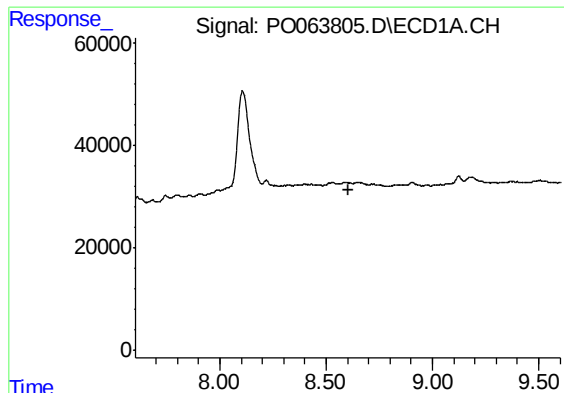
#38 AR-1262-3

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



#38 AR-1262-3

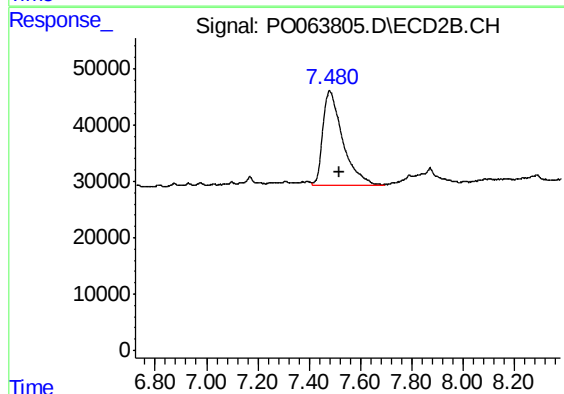
R.T.: 7.480 min
Delta R.T.: 0.024 min
Response: 905275
Conc: 483.01 ng/ml



#39 AR-1262-4

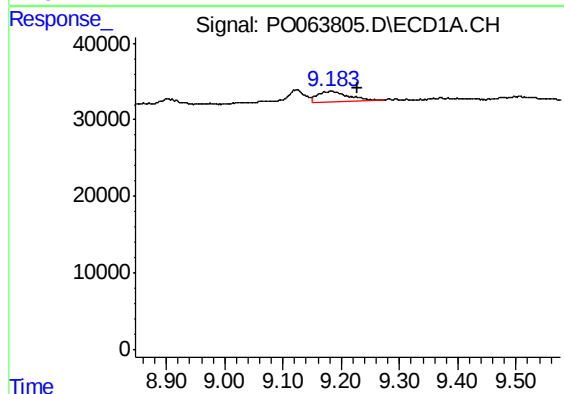
R.T.: 0.000 min
Exp R.T. : 8.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



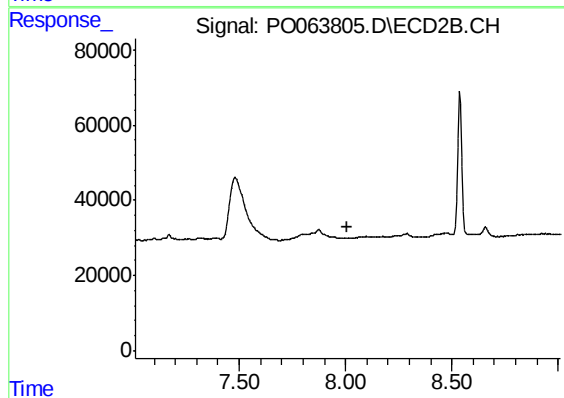
#39 AR-1262-4

R.T.: 7.480 min
Delta R.T.: -0.040 min
Response: 905275
Conc: 256.42 ng/ml



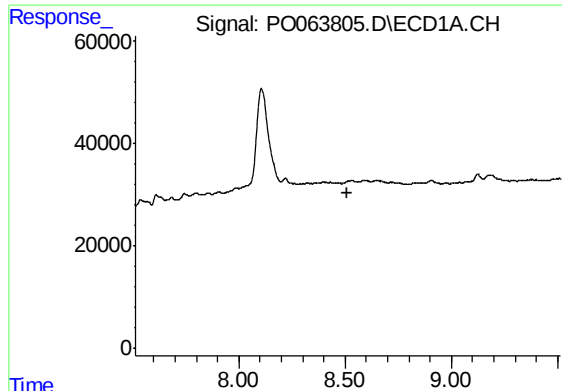
#40 AR-1262-5

R.T.: 9.182 min
Delta R.T.: -0.045 min
Response: 49881
Conc: 22.90 ng/ml



#40 AR-1262-5

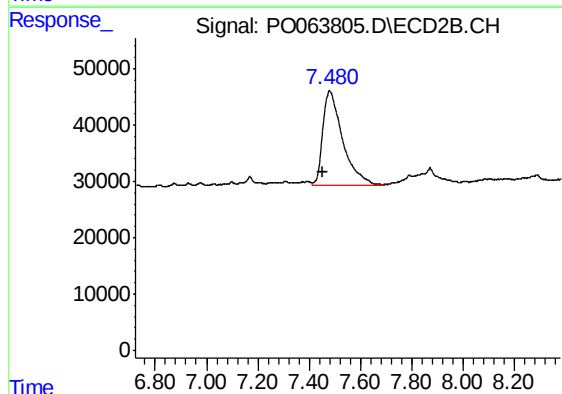
R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



#41 AR-1268-1

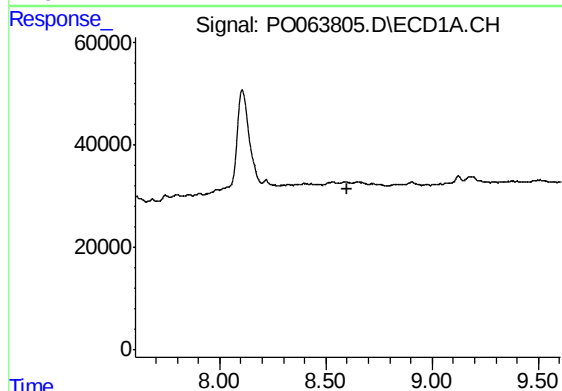
R.T.: 0.000 min
Exp R.T. : 8.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



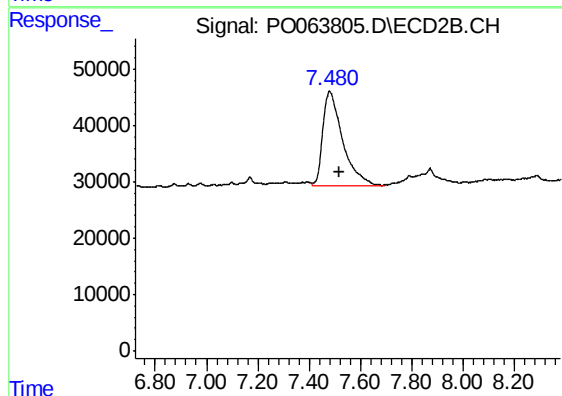
#41 AR-1268-1

R.T.: 7.480 min
Delta R.T.: 0.024 min
Response: 905275
Conc: 169.58 ng/ml



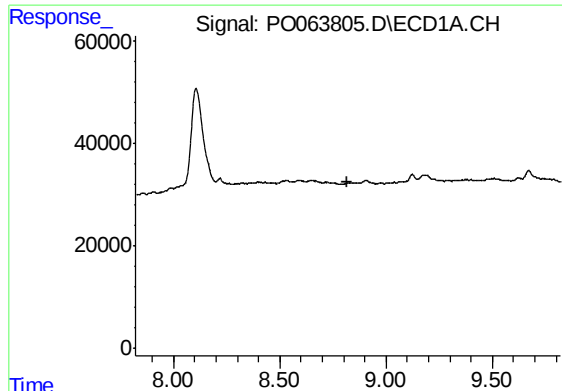
#42 AR-1268-2

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



#42 AR-1268-2

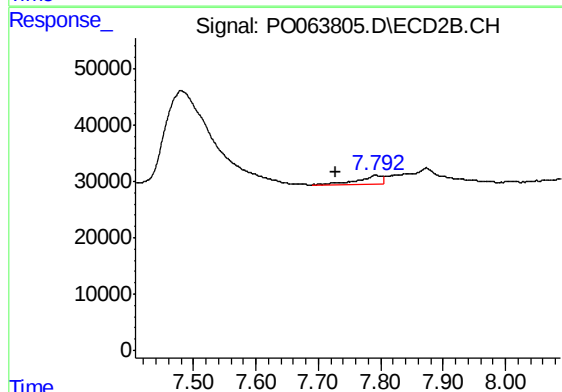
R.T.: 7.480 min
Delta R.T.: -0.040 min
Response: 905275
Conc: 181.66 ng/ml



#43 AR-1268-3

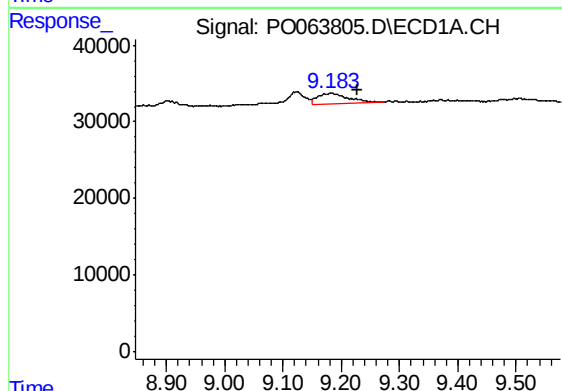
R.T.: 0.000 min
Exp R.T. : 8.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



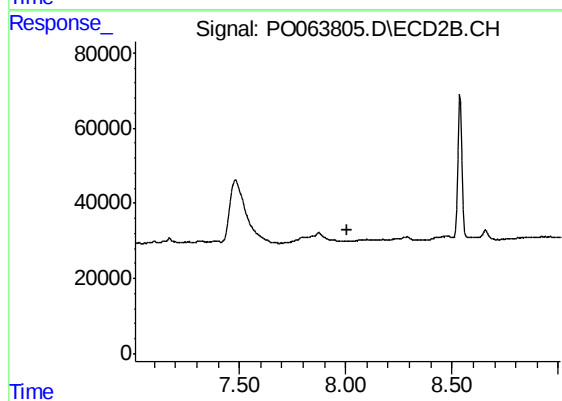
#43 AR-1268-3

R.T.: 7.792 min
Delta R.T.: 0.064 min
Response: 39482
Conc: 9.95 ng/ml



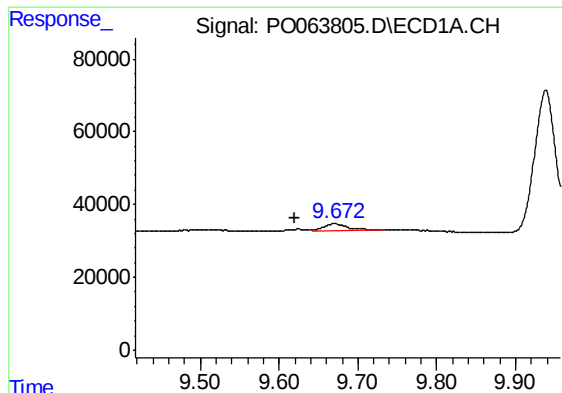
#44 AR-1268-4

R.T.: 9.182 min
Delta R.T.: -0.046 min
Response: 49881
Conc: 20.52 ng/ml



#44 AR-1268-4

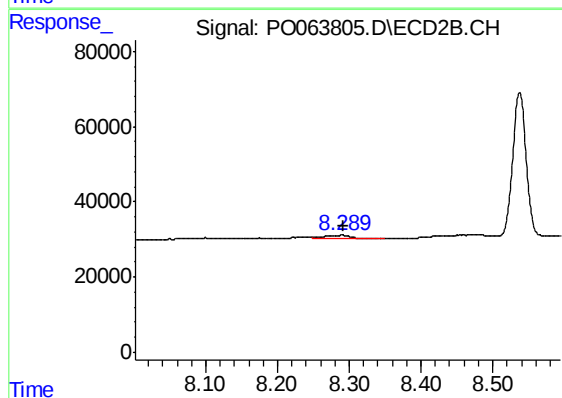
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.670 min
Delta R.T.: 0.051 min
Response: 38644
Conc: 2.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-SE-01RE



#45 AR-1268-5

R.T.: 8.290 min
Delta R.T.: -0.003 min
Response: 24839
Conc: 2.10 ng/ml