

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111519\
 Data File : PO063769.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Nov 2019 22:57
 Operator : SM/AJ
 Sample : K5840-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PHIPPS-BH-NE-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 03:41:39 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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.316	3.569	957502	701685	31.316	31.591
2)	SA Decachlor...	9.937	8.538	756186	536142	18.609	18.332
Target Compounds							
3)	L1 AR-1016-1	5.414	4.675	22321	23877	16.072	23.299 #
4)	L1 AR-1016-2	0.000	4.675	0	23877	N.D.	17.525 #
5)	L1 AR-1016-3	0.000	4.839	0	11094	N.D.	14.899 #
6)	L1 AR-1016-4	5.633	4.839	47978	11094	46.648	17.808 #
7)	L1 AR-1016-5	5.912	5.039	44852	35870	42.150	45.164
8)	L2 AR-1221-1	0.000	3.734	0	9772	N.D.	35.970 #
9)	L2 AR-1221-2	4.619	3.867	19748	11998	62.961	57.060
10)	L2 AR-1221-3	4.619	3.913	19748	16651	20.821	24.980
11)	L3 AR-1232-1	4.619	3.913	19748	16651	14.847	17.665
12)	L3 AR-1232-2	0.000	4.675	0	23877	N.D.	23.695 #
13)	L3 AR-1232-3	0.000	4.839	0	11094	N.D.	20.961 #
14)	L3 AR-1232-4	5.633	4.946	47978	13786	64.629	29.363 #
15)	L3 AR-1232-5	0.000	5.039	0	35870	N.D.	69.584 #
16)	L4 AR-1242-1	5.414	4.675	22321	23877	21.097	30.268 #
17)	L4 AR-1242-2	0.000	4.675	0	23877	N.D.	22.555 #
18)	L4 AR-1242-3	0.000	4.839	0	11094	N.D.	19.364 #
19)	L4 AR-1242-4	5.633	4.946	47978	13786	61.089	24.146 #
20)	L4 AR-1242-5	6.335	5.451	68586	44543	66.002	57.228
21)	L5 AR-1248-1	5.414	4.675	22321	23877	25.559	37.053 #
22)	L5 AR-1248-2	0.000	4.839	0	11094	N.D.	12.872 #
23)	L5 AR-1248-3	5.912	4.946	44852	13786	31.441	15.582 #
24)	L5 AR-1248-4	6.335	5.039	68586	35870	39.625	33.320
25)	L5 AR-1248-5	6.335	5.451	68586	44543	40.664	39.936
26)	L6 AR-1254-1	6.335	5.451	68586	44543	39.259	25.140 #
27)	L6 AR-1254-2	6.551	5.590	43423	15493	15.577	9.826 #
28)	L6 AR-1254-3	6.912	5.992	44670	9846	14.229	3.672 #
29)	L6 AR-1254-4	7.162	6.220	11393	8517	4.608	4.803
30)	L6 AR-1254-5	7.608	6.634	30241	19953	11.156	7.985 #
31)	L7 AR-1260-1	7.046	6.121	41697	14776	20.661	9.409 #
32)	L7 AR-1260-2	7.320	6.306	41611	20463	16.516	10.403 #
33)	L7 AR-1260-3	7.683	6.463	14894	13671	7.351	7.665
34)	L7 AR-1260-4	7.904	6.932	3259	5958	1.369	3.784 #
35)	L7 AR-1260-5	8.218	7.170	12535	15666	2.670	4.041 #
36)	L8 AR-1262-1	7.683	0.000	14894	0	4.626	N.D. #
37)	L8 AR-1262-2	8.218	7.170	12535	15666	2.128	3.303 #
38)	L8 AR-1262-3	0.000	7.455	0	5828	N.D.	3.110 #
39)	L8 AR-1262-4	0.000	7.519	0	11079	N.D.	3.138 #
41)	L9 AR-1268-1	0.000	7.455	0	5828	N.D.	1.092 #
42)	L9 AR-1268-2	0.000	7.519	0	11079	N.D.	2.223 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111519\
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 Acq On : 15 Nov 2019 22:57
 Operator : SM/AJ
 Sample : K5840-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

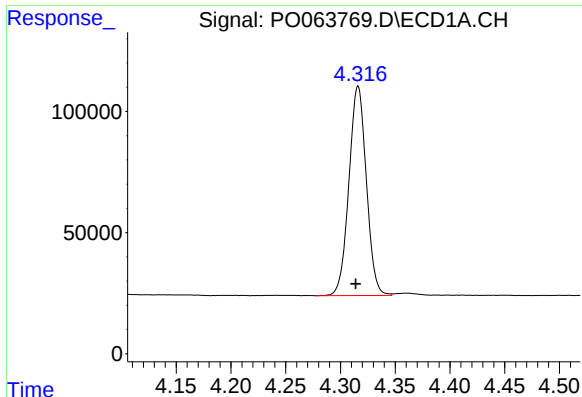
Instrument :
 ECD_O
 ClientSampleId :
 PHIPPS-BH-NE-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 03:41:39 2019
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 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
43) L9	AR-1268-3	0.000	7.724	0	11474	N.D.	2.890 #
45) L9	AR-1268-5	9.620	8.291	18850	20189	1.226	1.707 #

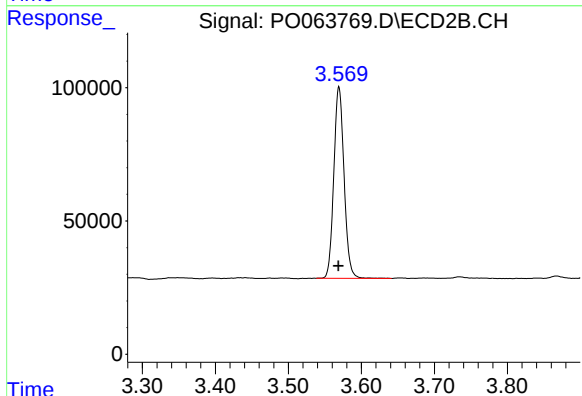
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

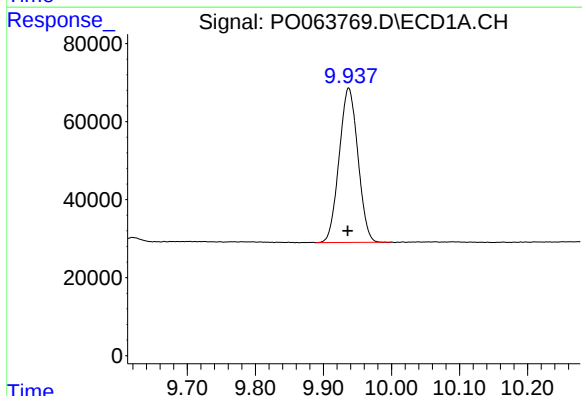
R.T.: 4.316 min
Delta R.T.: 0.002 min
Response: 957502
Conc: 31.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



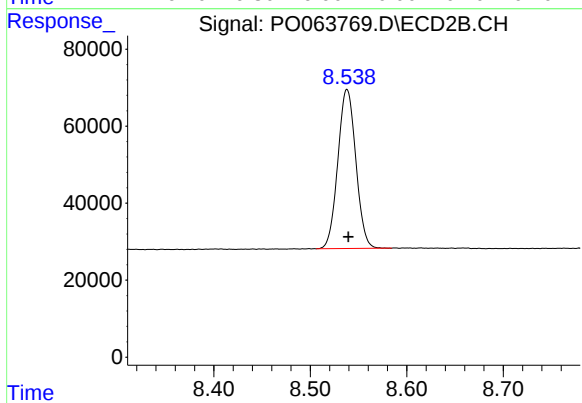
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 701685
Conc: 31.59 ng/ml



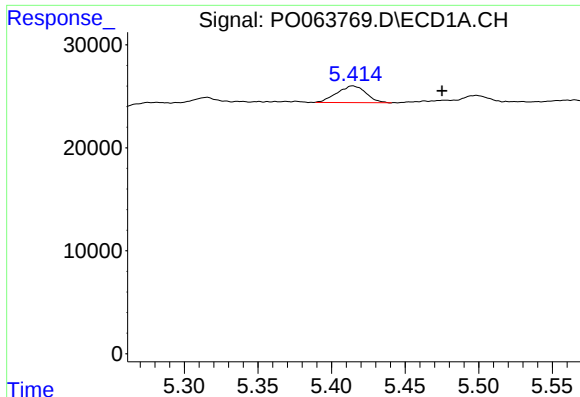
#2 Decachlorobiphenyl

R.T.: 9.937 min
Delta R.T.: 0.001 min
Response: 756186
Conc: 18.61 ng/ml



#2 Decachlorobiphenyl

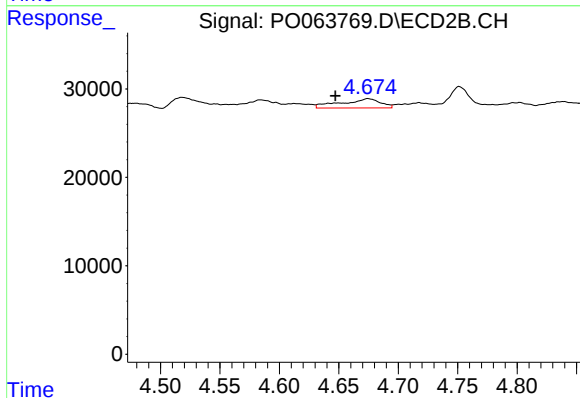
R.T.: 8.538 min
Delta R.T.: -0.001 min
Response: 536142
Conc: 18.33 ng/ml



#3 AR-1016-1

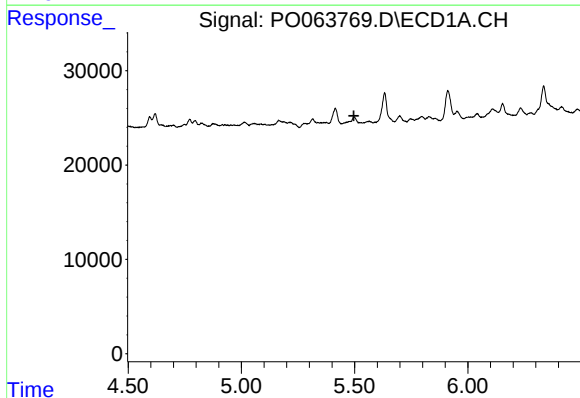
R.T.: 5.414 min
Delta R.T.: -0.061 min
Response: 22321
Conc: 16.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



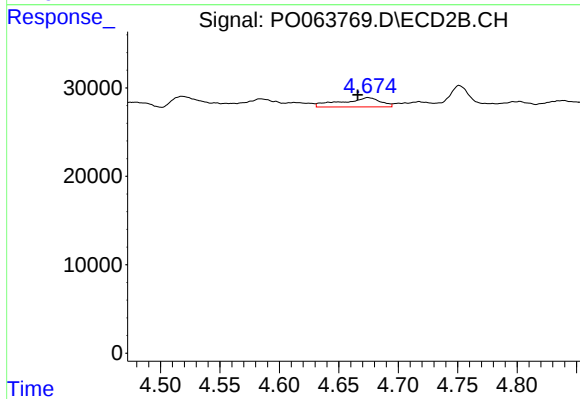
#3 AR-1016-1

R.T.: 4.675 min
Delta R.T.: 0.027 min
Response: 23877
Conc: 23.30 ng/ml



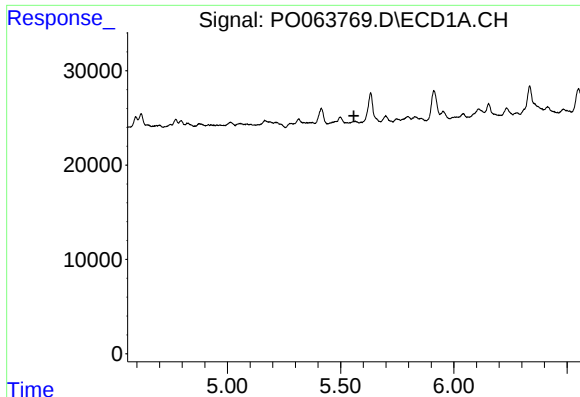
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.497 min
Response: 0
Conc: N.D.



#4 AR-1016-2

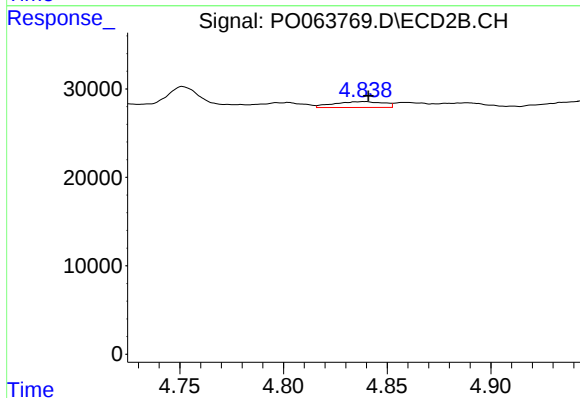
R.T.: 4.675 min
Delta R.T.: 0.009 min
Response: 23877
Conc: 17.52 ng/ml



#5 AR-1016-3

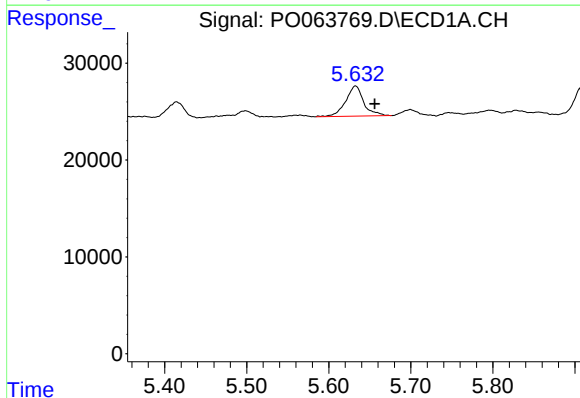
R.T.: 0.000 min
Exp R.T.: 5.558 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



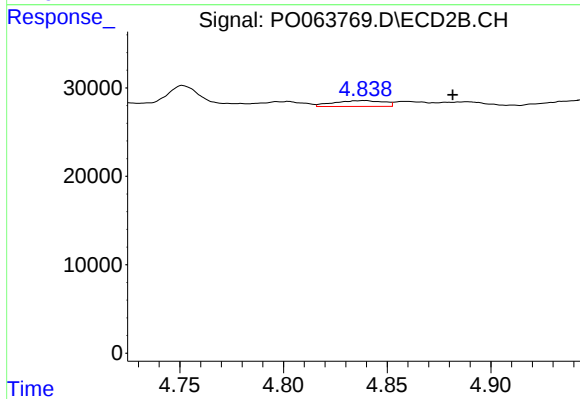
#5 AR-1016-3

R.T.: 4.839 min
Delta R.T.: -0.002 min
Response: 11094
Conc: 14.90 ng/ml



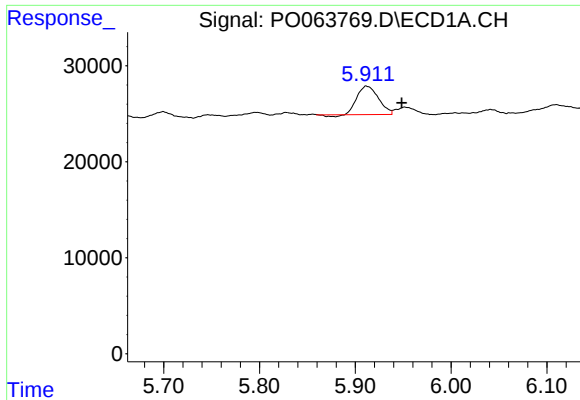
#6 AR-1016-4

R.T.: 5.633 min
Delta R.T.: -0.023 min
Response: 47978
Conc: 46.65 ng/ml



#6 AR-1016-4

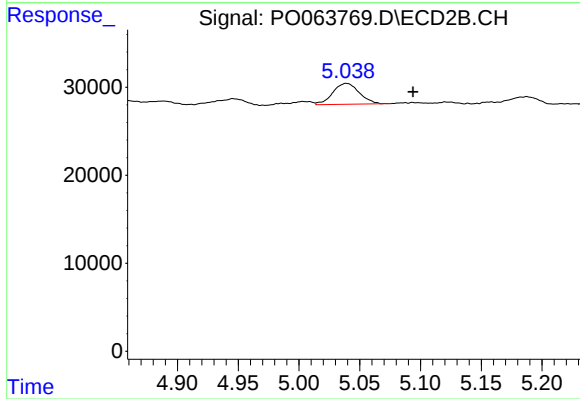
R.T.: 4.839 min
Delta R.T.: -0.043 min
Response: 11094
Conc: 17.81 ng/ml



#7 AR-1016-5

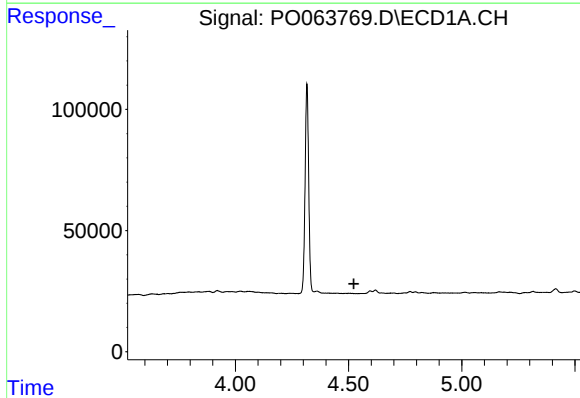
R.T.: 5.912 min
Delta R.T.: -0.037 min
Response: 44852
Conc: 42.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



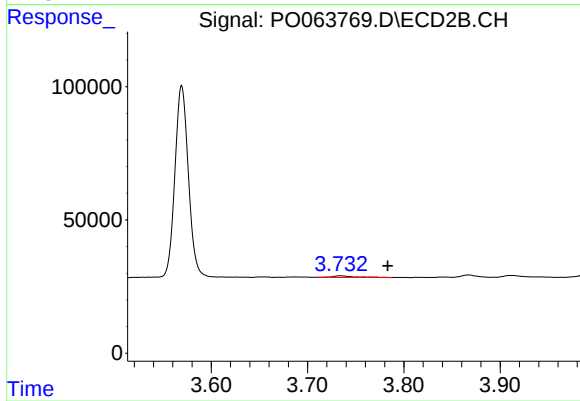
#7 AR-1016-5

R.T.: 5.039 min
Delta R.T.: -0.055 min
Response: 35870
Conc: 45.16 ng/ml



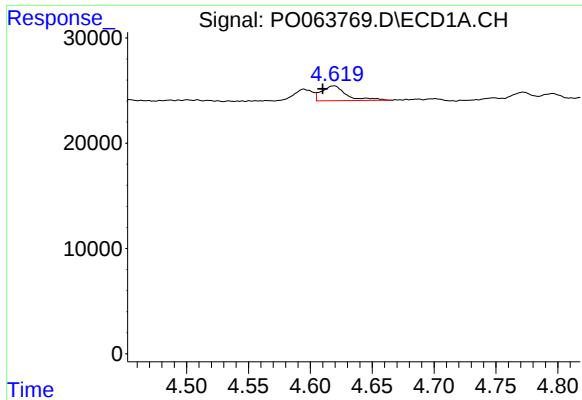
#8 AR-1221-1

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



#8 AR-1221-1

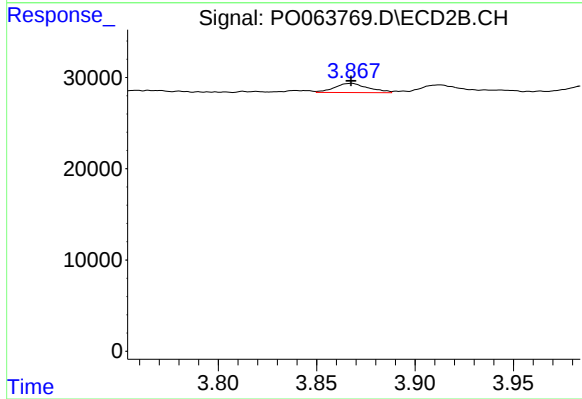
R.T.: 3.734 min
Delta R.T.: -0.049 min
Response: 9772
Conc: 35.97 ng/ml



#9 AR-1221-2

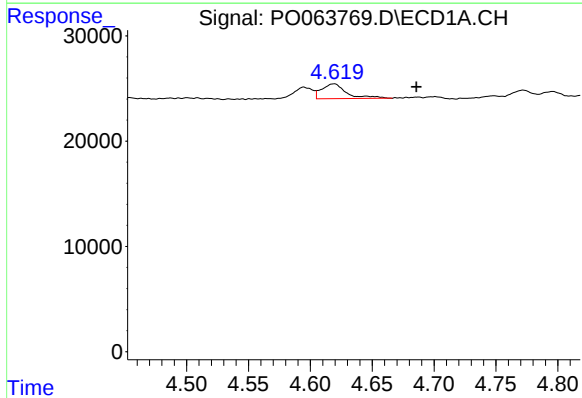
R.T.: 4.619 min
Delta R.T.: 0.009 min
Response: 19748
Conc: 62.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



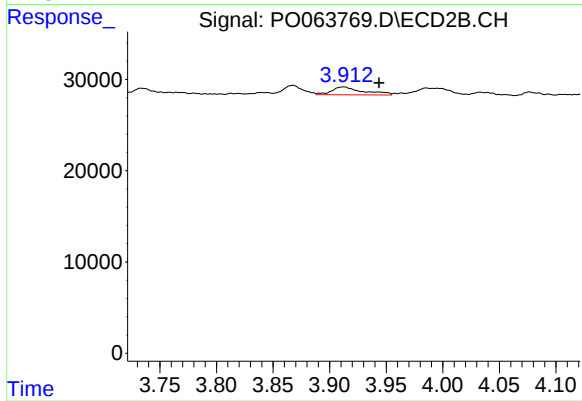
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: 0.000 min
Response: 11998
Conc: 57.06 ng/ml



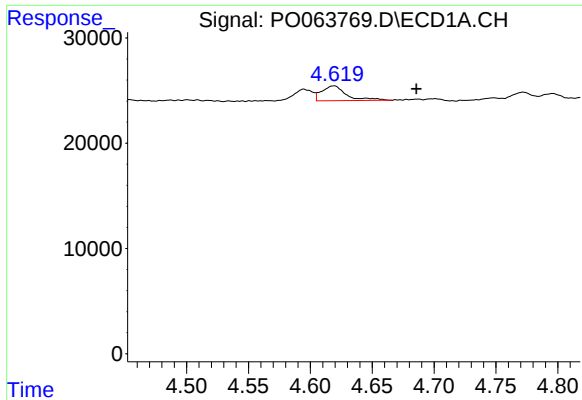
#10 AR-1221-3

R.T.: 4.619 min
Delta R.T.: -0.067 min
Response: 19748
Conc: 20.82 ng/ml



#10 AR-1221-3

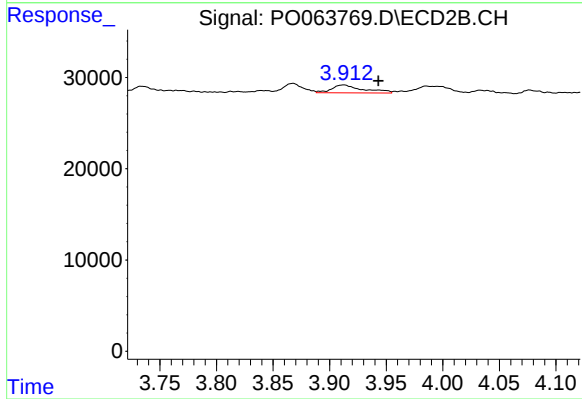
R.T.: 3.913 min
Delta R.T.: -0.031 min
Response: 16651
Conc: 24.98 ng/ml



#11 AR-1232-1

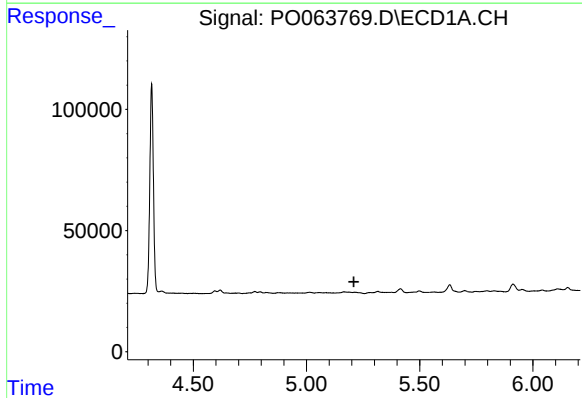
R.T.: 4.619 min
Delta R.T.: -0.067 min
Response: 19748
Conc: 14.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



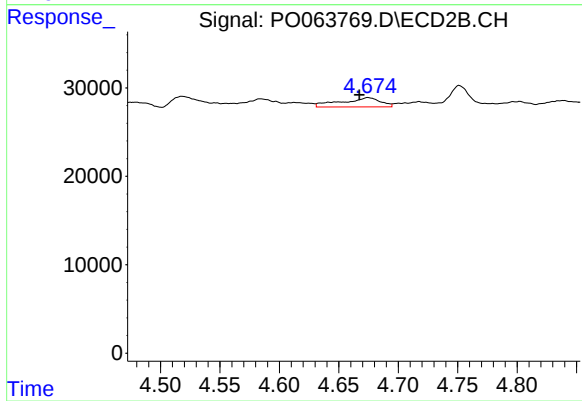
#11 AR-1232-1

R.T.: 3.913 min
Delta R.T.: -0.031 min
Response: 16651
Conc: 17.66 ng/ml



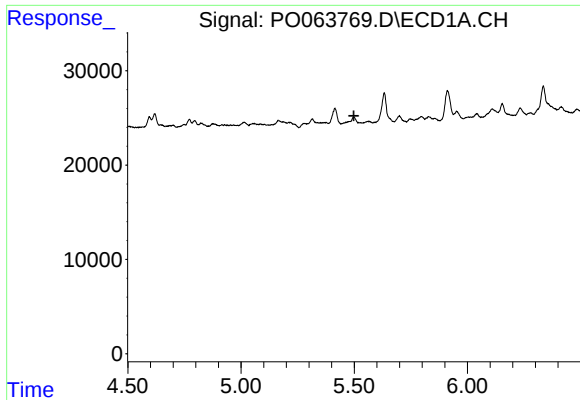
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.210 min
Response: 0
Conc: N.D.



#12 AR-1232-2

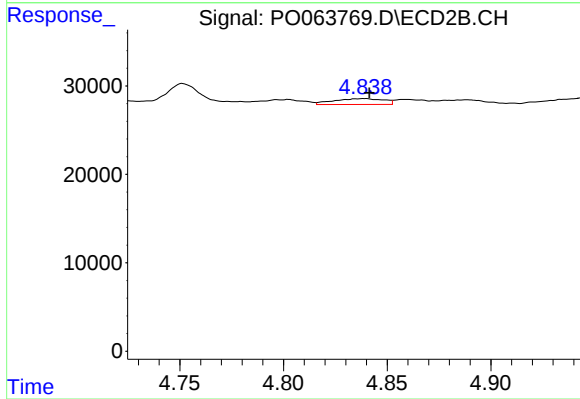
R.T.: 4.675 min
Delta R.T.: 0.007 min
Response: 23877
Conc: 23.69 ng/ml



#13 AR-1232-3

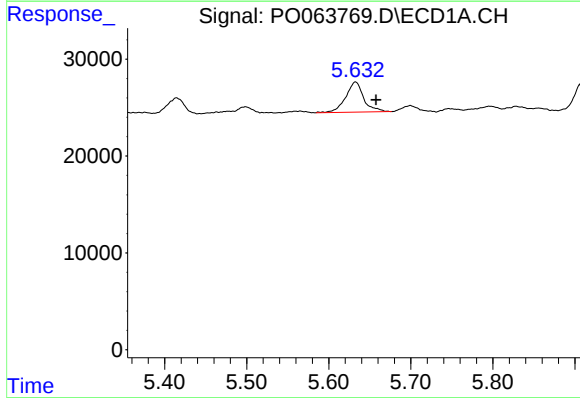
R.T.: 0.000 min
Exp R.T.: 5.498 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



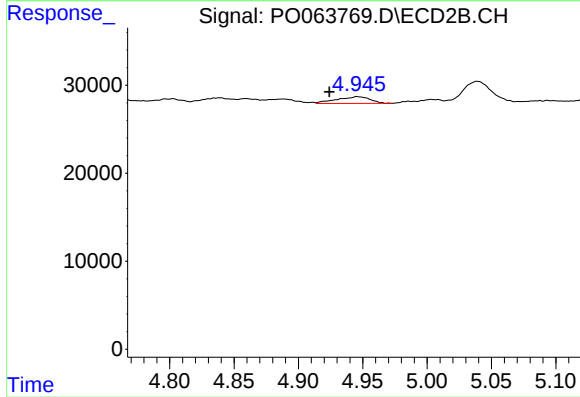
#13 AR-1232-3

R.T.: 4.839 min
Delta R.T.: -0.003 min
Response: 11094
Conc: 20.96 ng/ml



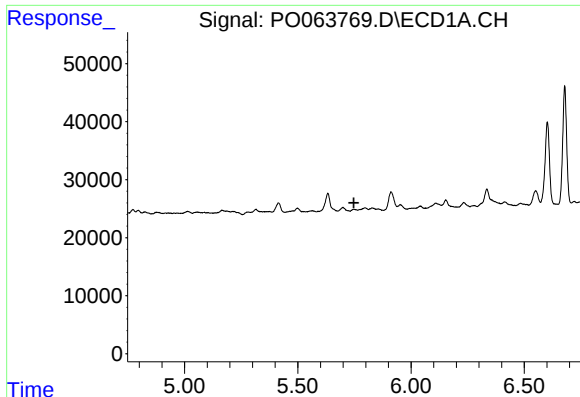
#14 AR-1232-4

R.T.: 5.633 min
Delta R.T.: -0.025 min
Response: 47978
Conc: 64.63 ng/ml



#14 AR-1232-4

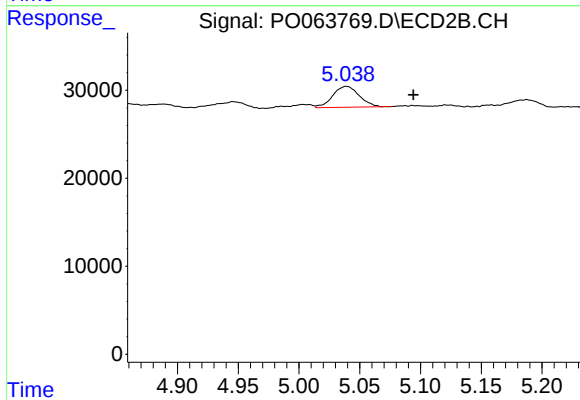
R.T.: 4.946 min
Delta R.T.: 0.022 min
Response: 13786
Conc: 29.36 ng/ml



#15 AR-1232-5

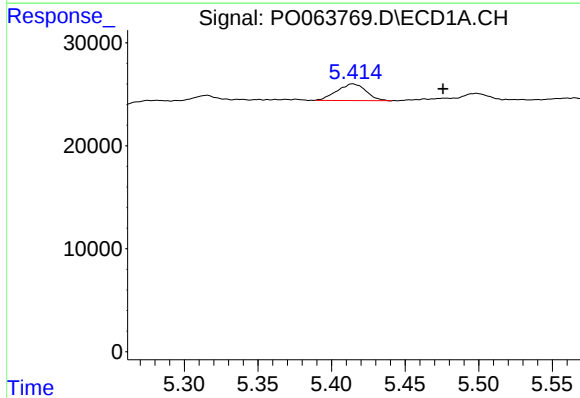
R.T.: 0.000 min
Exp R.T.: 5.748 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



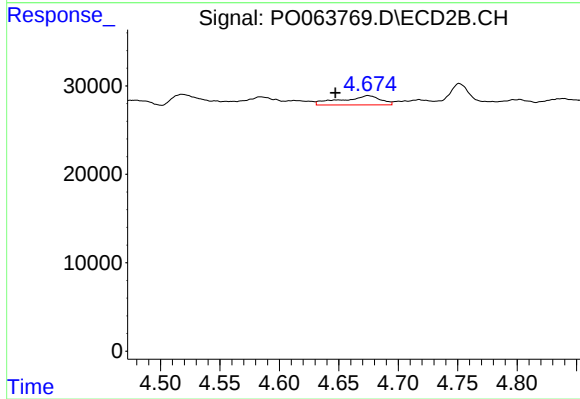
#15 AR-1232-5

R.T.: 5.039 min
Delta R.T.: -0.055 min
Response: 35870
Conc: 69.58 ng/ml



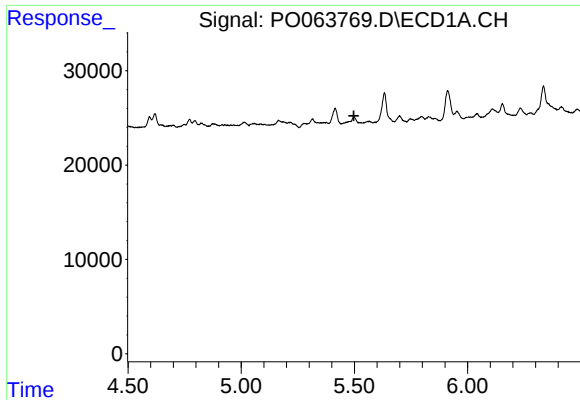
#16 AR-1242-1

R.T.: 5.414 min
Delta R.T.: -0.061 min
Response: 22321
Conc: 21.10 ng/ml



#16 AR-1242-1

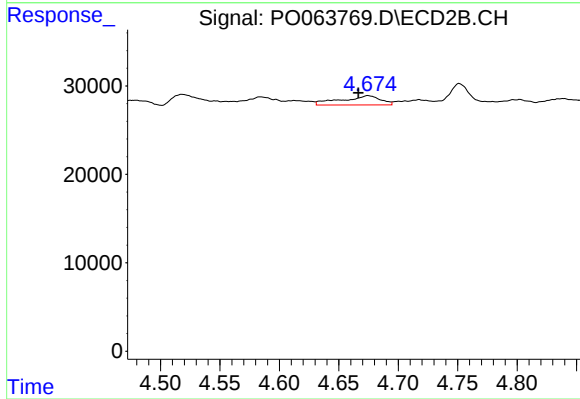
R.T.: 4.675 min
Delta R.T.: 0.027 min
Response: 23877
Conc: 30.27 ng/ml



#17 AR-1242-2

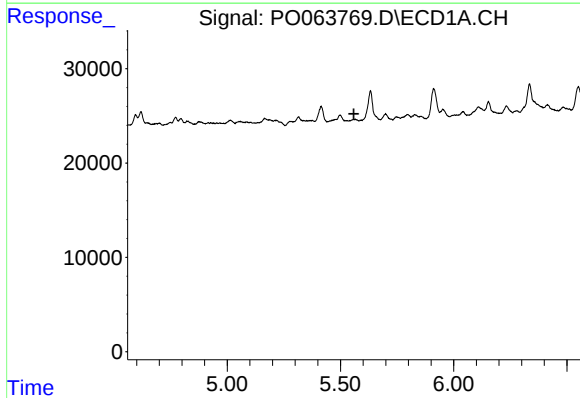
R.T.: 0.000 min
Exp R.T. : 5.497 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



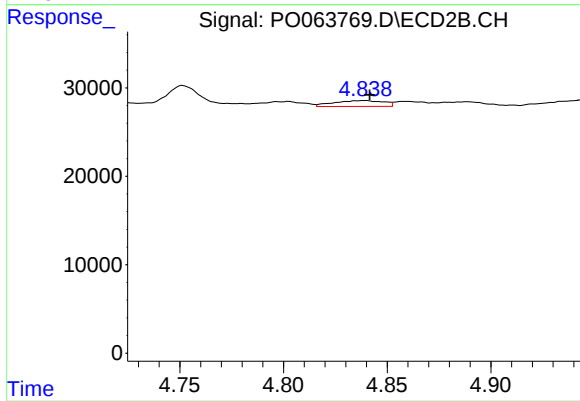
#17 AR-1242-2

R.T.: 4.675 min
Delta R.T.: 0.008 min
Response: 23877
Conc: 22.55 ng/ml



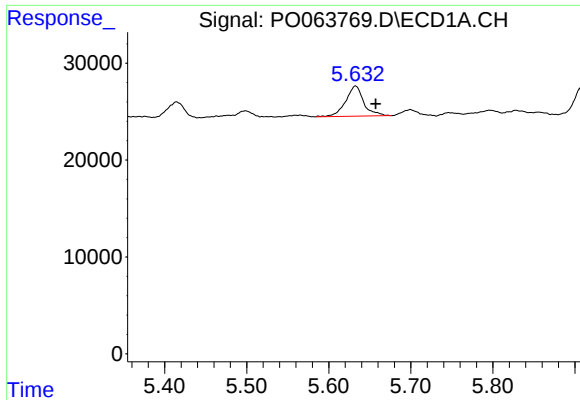
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.560 min
Response: 0
Conc: N.D.



#18 AR-1242-3

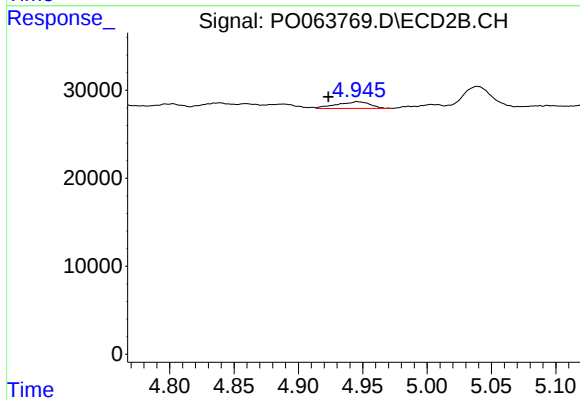
R.T.: 4.839 min
Delta R.T.: -0.003 min
Response: 11094
Conc: 19.36 ng/ml



#19 AR-1242-4

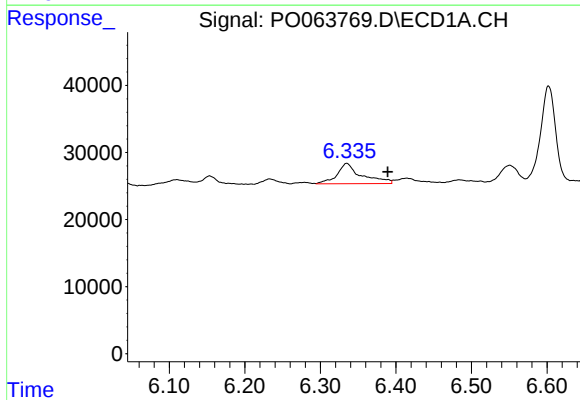
R.T.: 5.633 min
Delta R.T.: -0.025 min
Response: 47978
Conc: 61.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



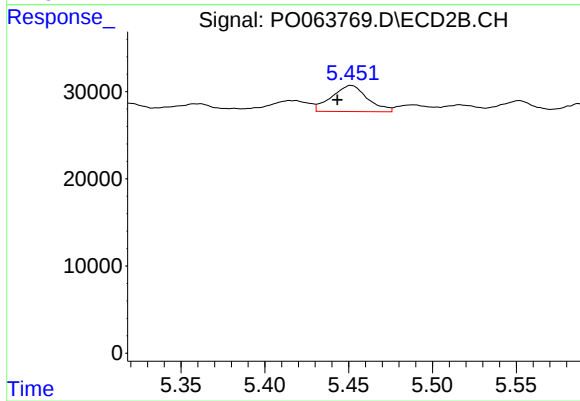
#19 AR-1242-4

R.T.: 4.946 min
Delta R.T.: 0.023 min
Response: 13786
Conc: 24.15 ng/ml



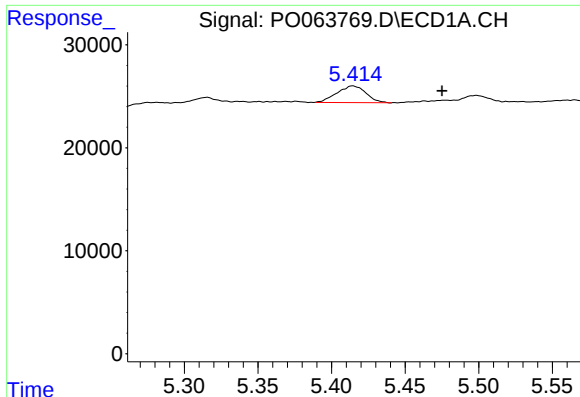
#20 AR-1242-5

R.T.: 6.335 min
Delta R.T.: -0.054 min
Response: 68586
Conc: 66.00 ng/ml



#20 AR-1242-5

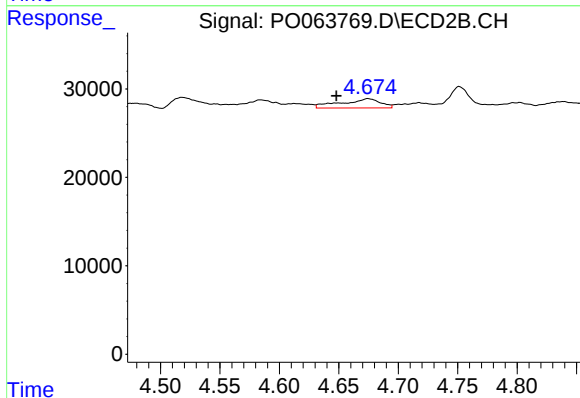
R.T.: 5.451 min
Delta R.T.: 0.008 min
Response: 44543
Conc: 57.23 ng/ml



#21 AR-1248-1

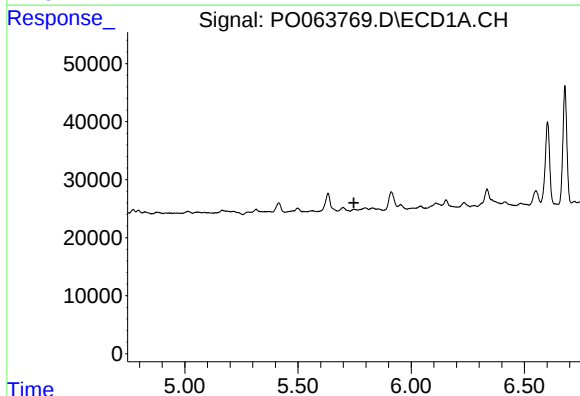
R.T.: 5.414 min
Delta R.T.: -0.061 min
Response: 22321
Conc: 25.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



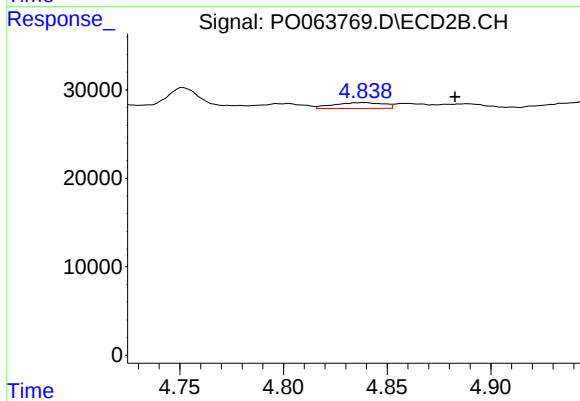
#21 AR-1248-1

R.T.: 4.675 min
Delta R.T.: 0.027 min
Response: 23877
Conc: 37.05 ng/ml



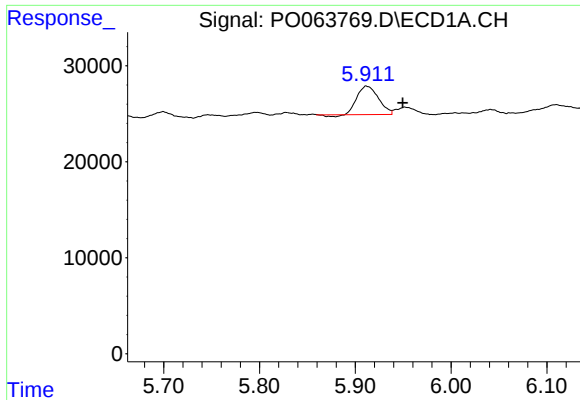
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.747 min
Response: 0
Conc: N.D.



#22 AR-1248-2

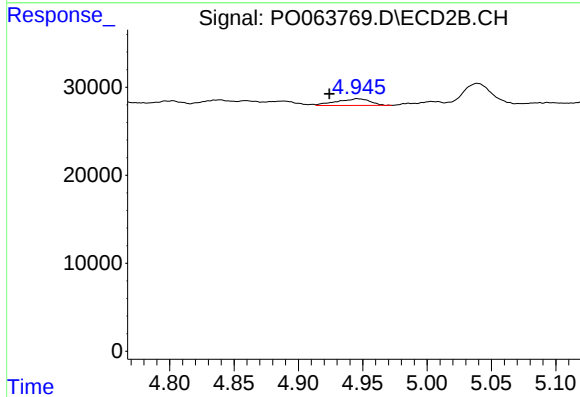
R.T.: 4.839 min
Delta R.T.: -0.044 min
Response: 11094
Conc: 12.87 ng/ml



#23 AR-1248-3

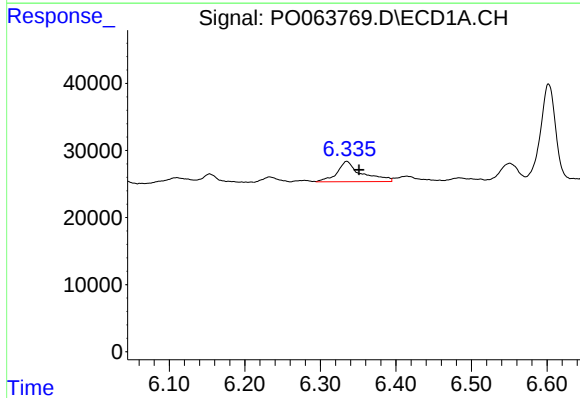
R.T.: 5.912 min
Delta R.T.: -0.038 min
Response: 44852
Conc: 31.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



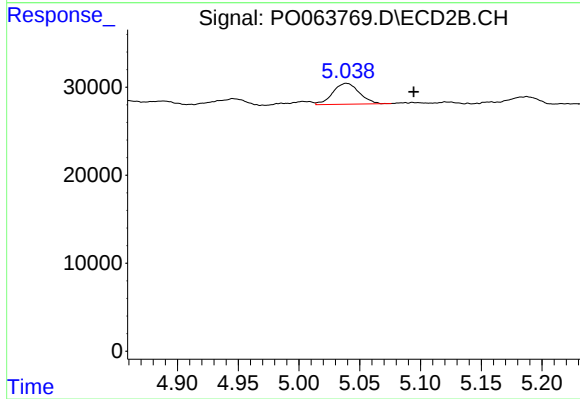
#23 AR-1248-3

R.T.: 4.946 min
Delta R.T.: 0.022 min
Response: 13786
Conc: 15.58 ng/ml



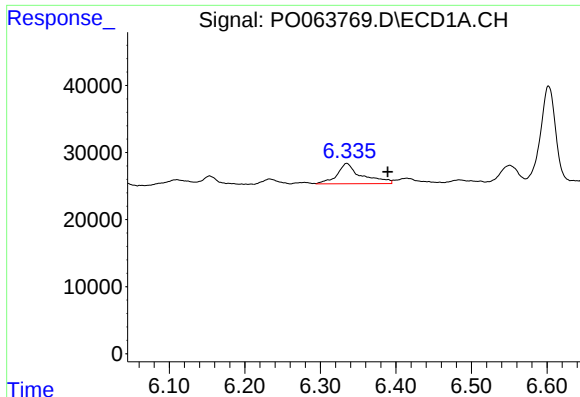
#24 AR-1248-4

R.T.: 6.335 min
Delta R.T.: -0.016 min
Response: 68586
Conc: 39.62 ng/ml



#24 AR-1248-4

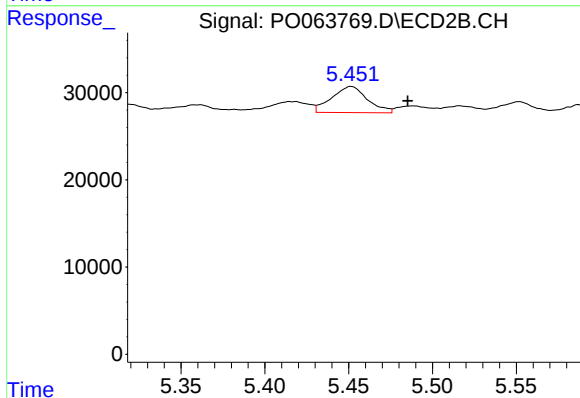
R.T.: 5.039 min
Delta R.T.: -0.055 min
Response: 35870
Conc: 33.32 ng/ml



#25 AR-1248-5

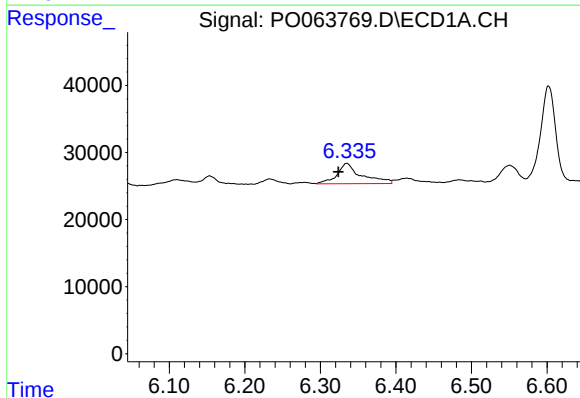
R.T.: 6.335 min
Delta R.T.: -0.054 min
Response: 68586
Conc: 40.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



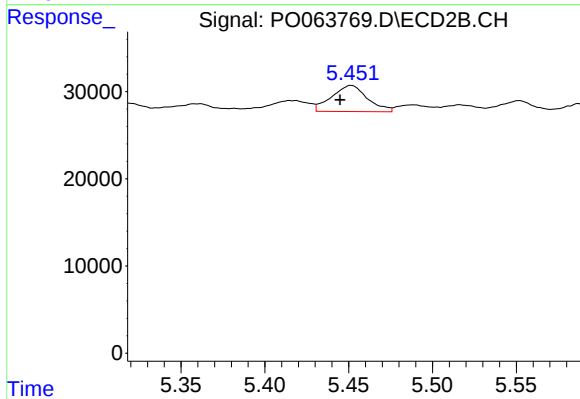
#25 AR-1248-5

R.T.: 5.451 min
Delta R.T.: -0.034 min
Response: 44543
Conc: 39.94 ng/ml



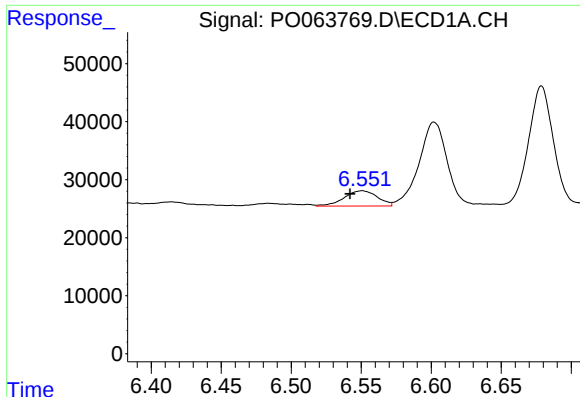
#26 AR-1254-1

R.T.: 6.335 min
Delta R.T.: 0.011 min
Response: 68586
Conc: 39.26 ng/ml



#26 AR-1254-1

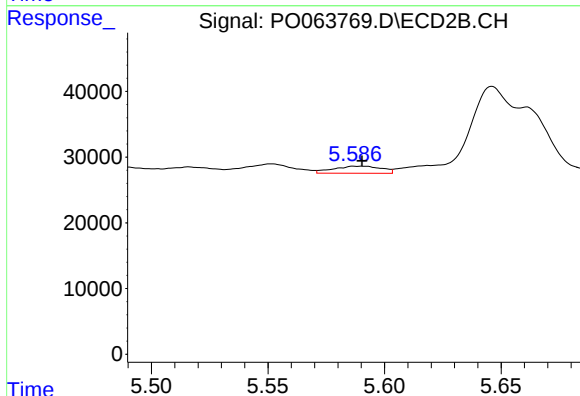
R.T.: 5.451 min
Delta R.T.: 0.007 min
Response: 44543
Conc: 25.14 ng/ml



#27 AR-1254-2

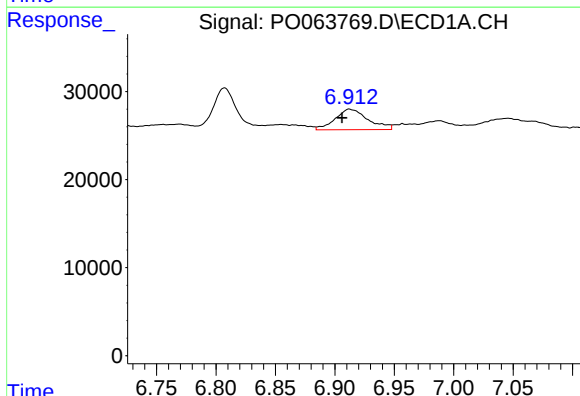
R.T.: 6.551 min
Delta R.T.: 0.009 min
Response: 43423
Conc: 15.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



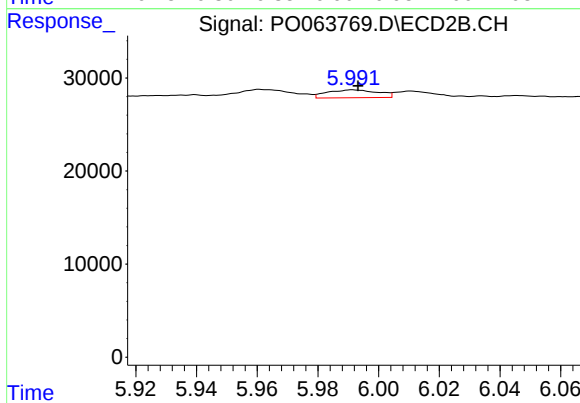
#27 AR-1254-2

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 15493
Conc: 9.83 ng/ml



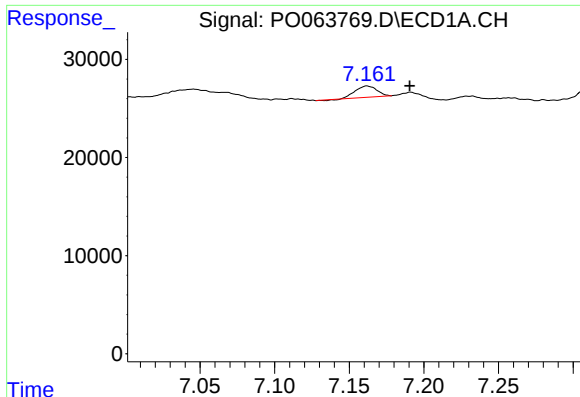
#28 AR-1254-3

R.T.: 6.912 min
Delta R.T.: 0.006 min
Response: 44670
Conc: 14.23 ng/ml



#28 AR-1254-3

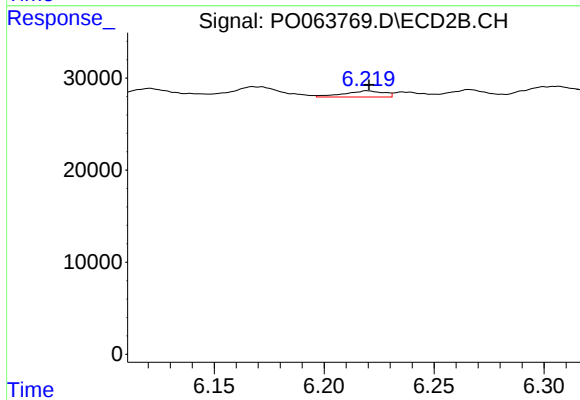
R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 9846
Conc: 3.67 ng/ml



#29 AR-1254-4

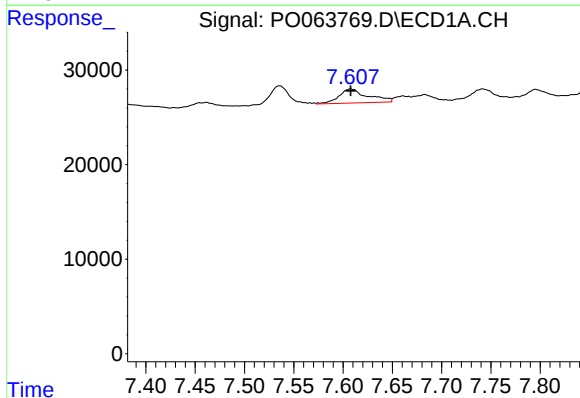
R.T.: 7.162 min
Delta R.T.: -0.029 min
Response: 11393
Conc: 4.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



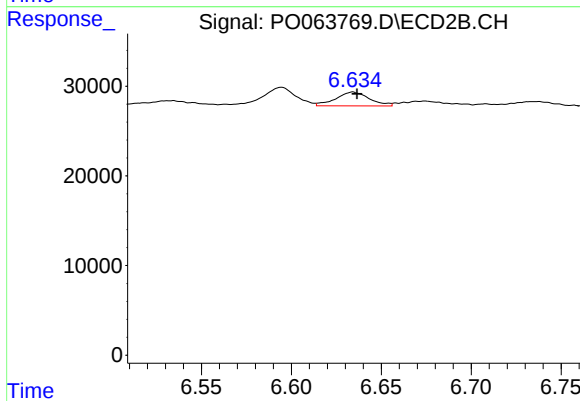
#29 AR-1254-4

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 8517
Conc: 4.80 ng/ml



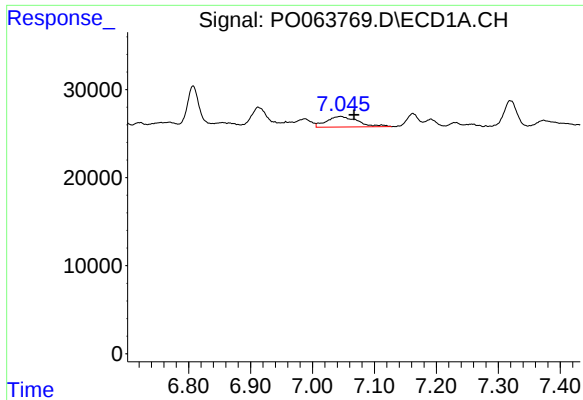
#30 AR-1254-5

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 30241
Conc: 11.16 ng/ml



#30 AR-1254-5

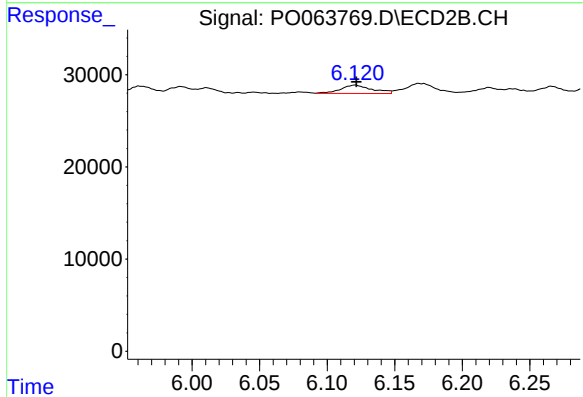
R.T.: 6.634 min
Delta R.T.: -0.002 min
Response: 19953
Conc: 7.99 ng/ml



#31 AR-1260-1

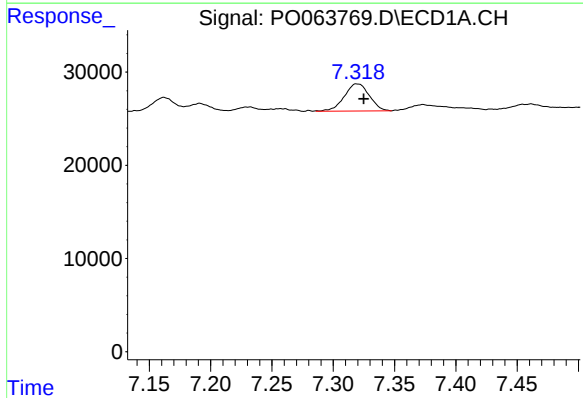
R.T.: 7.046 min
Delta R.T.: -0.022 min
Response: 41697
Conc: 20.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



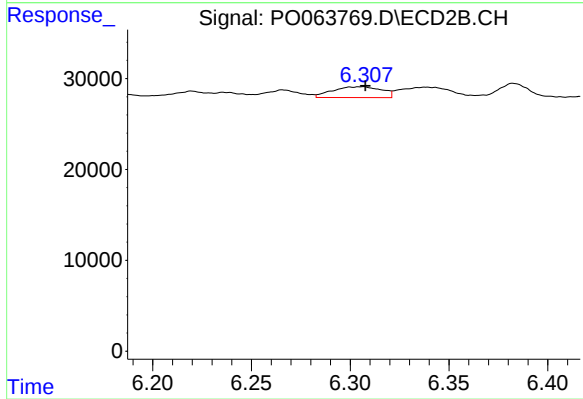
#31 AR-1260-1

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 14776
Conc: 9.41 ng/ml



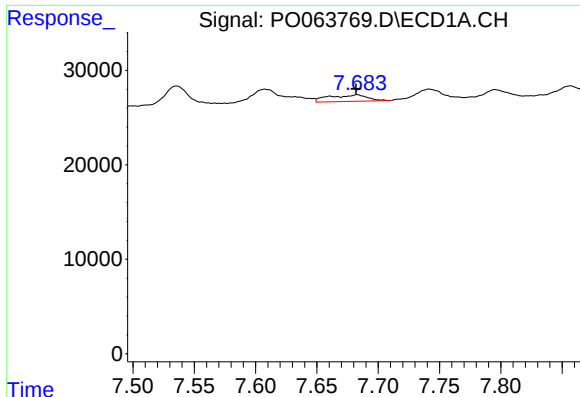
#32 AR-1260-2

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 41611
Conc: 16.52 ng/ml



#32 AR-1260-2

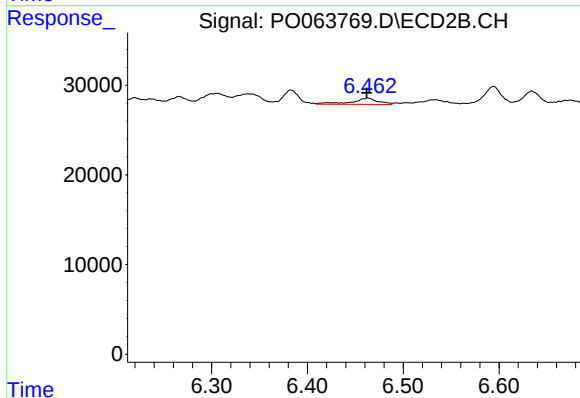
R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 20463
Conc: 10.40 ng/ml



#33 AR-1260-3

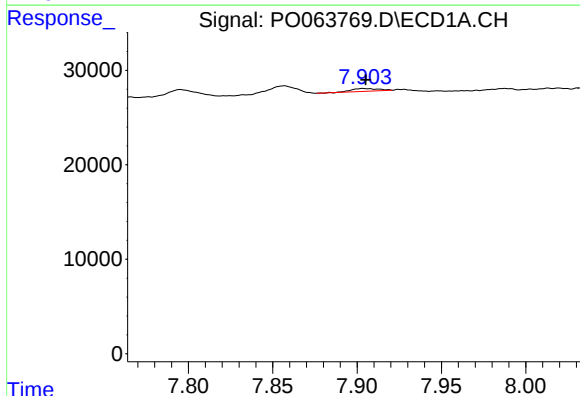
R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 14894
Conc: 7.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



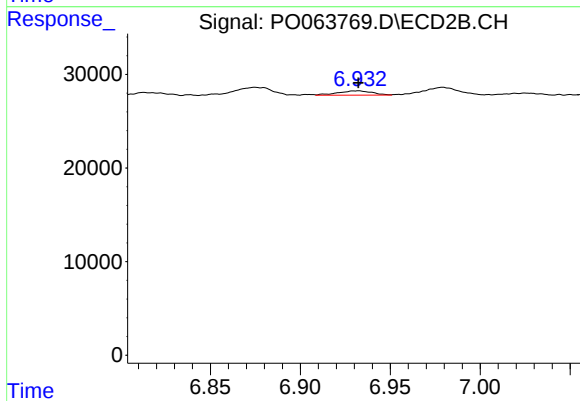
#33 AR-1260-3

R.T.: 6.463 min
Delta R.T.: 0.001 min
Response: 13671
Conc: 7.67 ng/ml



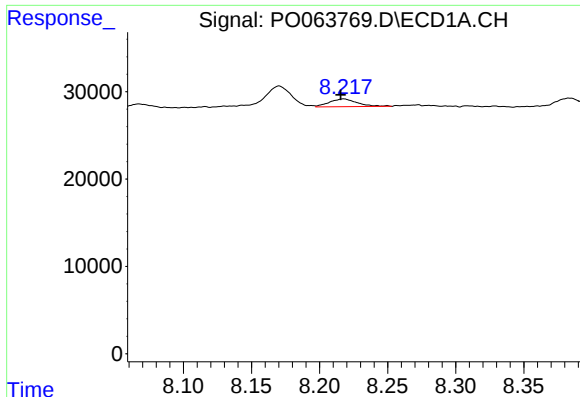
#34 AR-1260-4

R.T.: 7.904 min
Delta R.T.: -0.001 min
Response: 3259
Conc: 1.37 ng/ml



#34 AR-1260-4

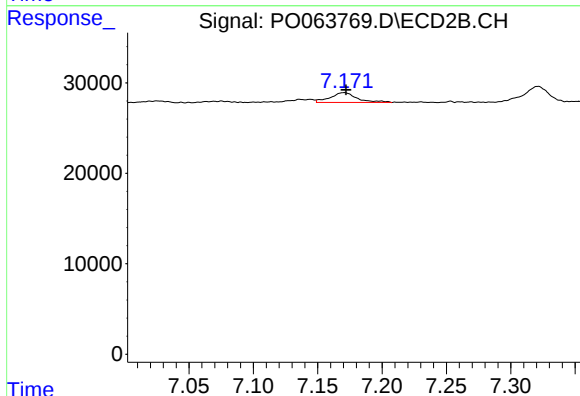
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 5958
Conc: 3.78 ng/ml



#35 AR-1260-5

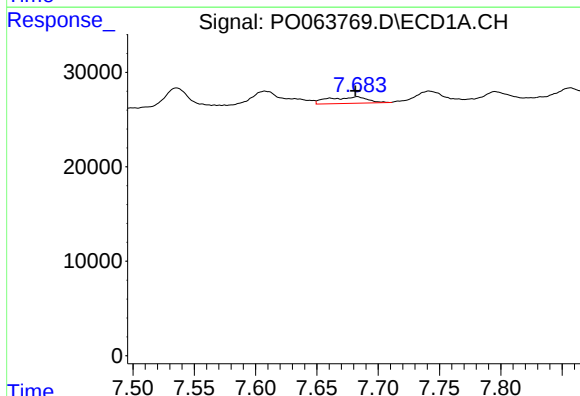
R.T.: 8.218 min
Delta R.T.: 0.002 min
Response: 12535
Conc: 2.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



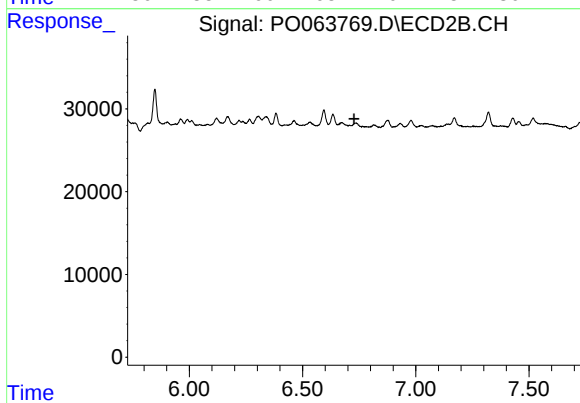
#35 AR-1260-5

R.T.: 7.170 min
Delta R.T.: -0.002 min
Response: 15666
Conc: 4.04 ng/ml



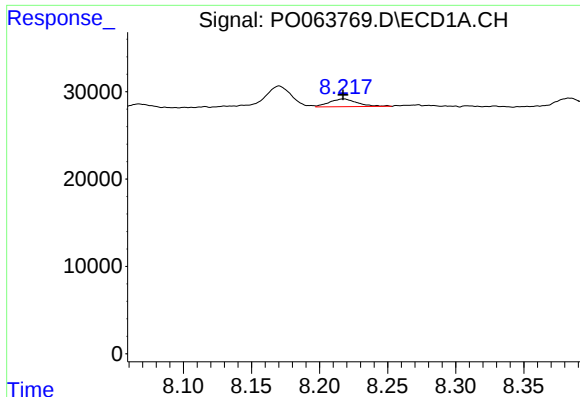
#36 AR-1262-1

R.T.: 7.683 min
Delta R.T.: 0.001 min
Response: 14894
Conc: 4.63 ng/ml



#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.727 min
Response: 0
Conc: N.D.



#37 AR-1262-2

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 12535
Conc: 2.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01

#37 AR-1262-2

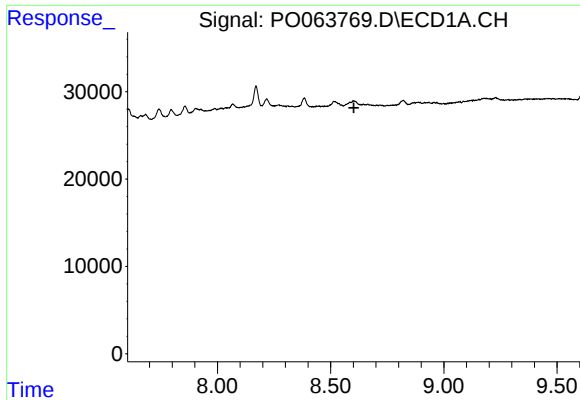
R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 15666
Conc: 3.30 ng/ml

#38 AR-1262-3

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

#38 AR-1262-3

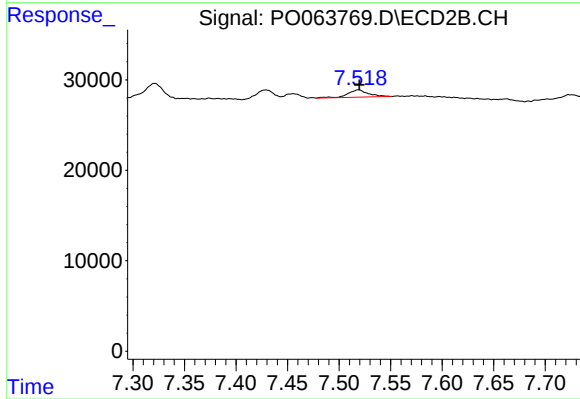
R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 5828
Conc: 3.11 ng/ml



#39 AR-1262-4

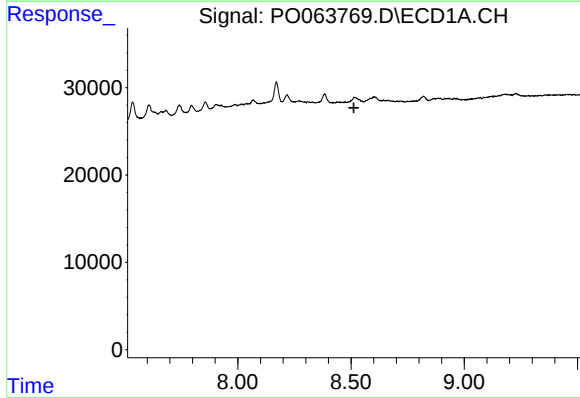
R.T.: 0.000 min
Exp R.T. : 8.603 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



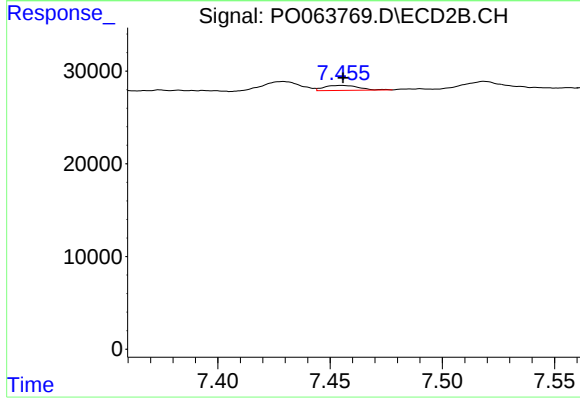
#39 AR-1262-4

R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 11079
Conc: 3.14 ng/ml



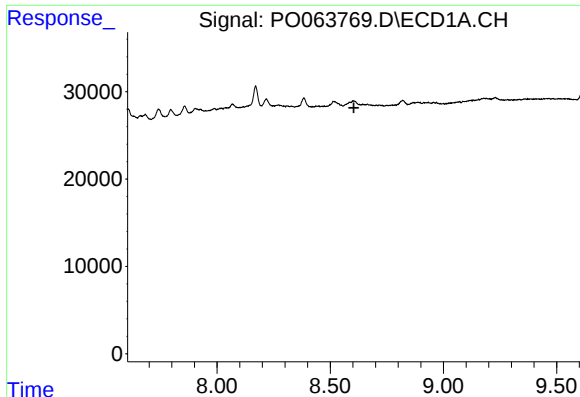
#41 AR-1268-1

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



#41 AR-1268-1

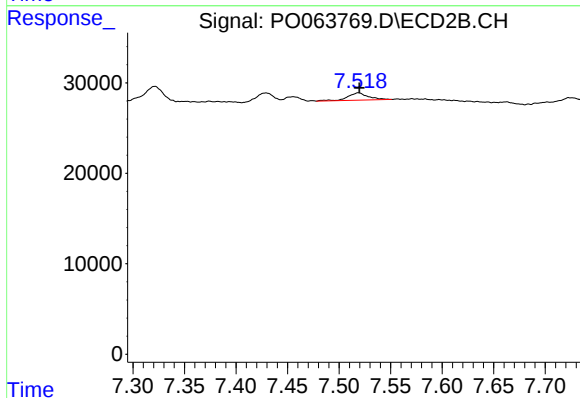
R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 5828
Conc: 1.09 ng/ml



#42 AR-1268-2

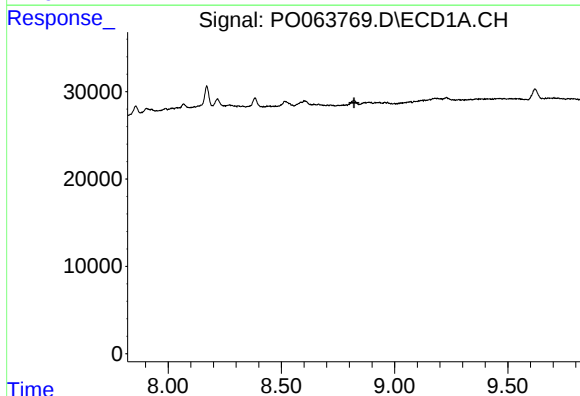
R.T.: 0.000 min
Exp R.T.: 8.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



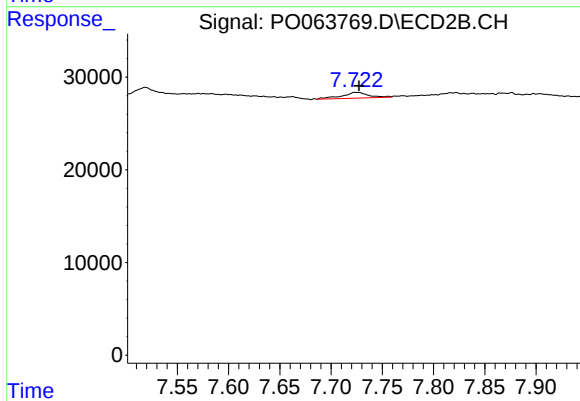
#42 AR-1268-2

R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 11079
Conc: 2.22 ng/ml



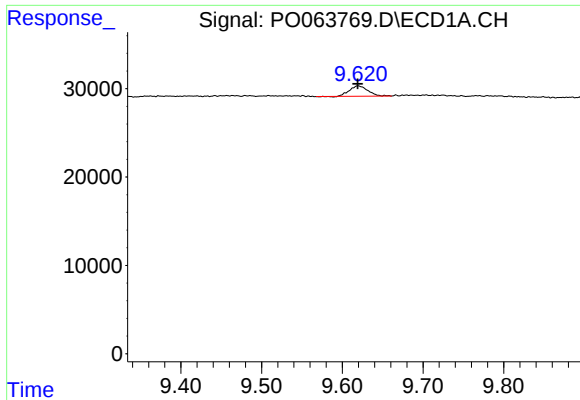
#43 AR-1268-3

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



#43 AR-1268-3

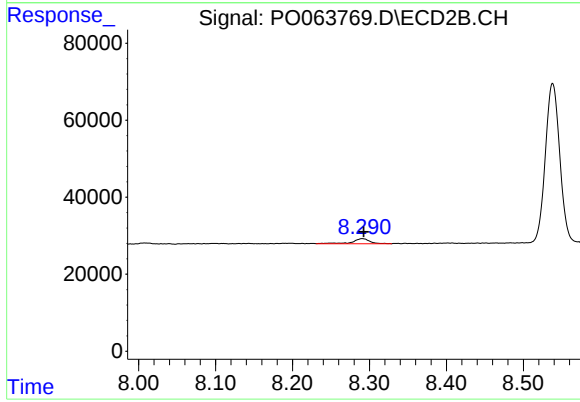
R.T.: 7.724 min
Delta R.T.: -0.003 min
Response: 11474
Conc: 2.89 ng/ml



#45 AR-1268-5

R.T.: 9.620 min
Delta R.T.: 0.000 min
Response: 18850
Conc: 1.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
PHIPPS-BH-NE-01



#45 AR-1268-5

R.T.: 8.291 min
Delta R.T.: -0.002 min
Response: 20189
Conc: 1.71 ng/ml