

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083019\
 Data File : P0060130.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 31 Aug 2019 1:36
 Operator : SM/AJ
 Sample : K4619-21
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP7-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 01:58:25 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 30 18:12:46 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...	4.120	3.495	933842	885056	26.672	24.588
2)	SA Decachlor...	9.578	8.351	883133	709967	16.600	17.608
Target Compounds							
3)	L1 AR-1016-1	5.269	0.000	2095	0	1.306	N.D. #
4)	L1 AR-1016-2	5.291	0.000	2634	0	1.101	N.D. #
5)	L1 AR-1016-3	5.339	0.000	5542	0	3.721	N.D. #
6)	L1 AR-1016-4	5.443	0.000	1681	0	1.389	N.D. #
7)	L1 AR-1016-5	5.722	0.000	1177	0	0.916	N.D. #
8)	L2 AR-1221-1	4.365	0.000	311	0	0.734	N.D. #
9)	L2 AR-1221-2	4.422	0.000	22240	0	68.474	N.D. #
10)	L2 AR-1221-3	4.494	0.000	19407	0	18.450	N.D. #
11)	L3 AR-1232-1	4.494	0.000	19407	0	15.570	N.D. #
12)	L3 AR-1232-2	5.008	0.000	3112	0	4.405	N.D. #
13)	L3 AR-1232-3	5.291	0.000	2634	0	1.720	N.D. #
14)	L3 AR-1232-4	5.535	0.000	2100	0	2.686	N.D. #
15)	L3 AR-1232-5	5.558	0.000	2431	0	4.044	N.D. #
16)	L4 AR-1242-1	5.291	0.000	2634	0	2.074	N.D. #
17)	L4 AR-1242-2	5.291	0.000	2634	0	1.419	N.D. #
18)	L4 AR-1242-3	5.339	0.000	5542	0	4.741	N.D. #
19)	L4 AR-1242-4	5.535	0.000	2100	0	2.169	N.D. #
20)	L4 AR-1242-5	6.205	0.000	5477	0	4.358	N.D. #
21)	L5 AR-1248-1	5.269	0.000	2095	0	2.090	N.D. #
22)	L5 AR-1248-2	5.535	0.000	2100	0	1.447	N.D. #
23)	L5 AR-1248-3	5.715	0.000	280	0	0.169	N.D. #
24)	L5 AR-1248-4	6.136	0.000	8472	0	4.145	N.D. #
25)	L5 AR-1248-5	6.205	0.000	5477	0	2.762	N.D. #
26)	L6 AR-1254-1	6.106	0.000	11071	0	5.306	N.D. #
27)	L6 AR-1254-2	6.324	0.000	7316	0	2.193	N.D. #
28)	L6 AR-1254-3	6.720	0.000	8269	0	2.330	N.D. #
29)	L6 AR-1254-4	6.968	0.000	6099	0	2.071	N.D. #
30)	L6 AR-1254-5	7.386	0.000	11836	0	3.828	N.D. #
31)	L7 AR-1260-1	6.840	0.000	13623	0	5.053	N.D. #
32)	L7 AR-1260-2	7.100	0.000	11682	0	3.148	N.D. #
33)	L7 AR-1260-3	7.442	0.000	12268	0	3.744	N.D. #
34)	L7 AR-1260-4	7.676	6.734	37628	33341	12.252	14.736
35)	L7 AR-1260-5	7.990	0.000	144434	0	20.398	N.D. #
36)	L8 AR-1262-1	7.519	6.591	60718	22496	12.512	6.035
37)	L8 AR-1262-2	7.990	0.000	144434	0	18.719	N.D. #
38)	L8 AR-1262-3	8.290	0.000	260878	0	51.129	N.D. #
39)	L8 AR-1262-4	8.366	0.000	177534	0	46.056	N.D. #
40)	L8 AR-1262-5	8.968	0.000	83675	0	32.602	N.D. #
41)	L9 AR-1268-1	8.290	0.000	260878	0	27.721	N.D. #

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 Misc :
 ALS Vial : 53 Sample Multiplier: 1

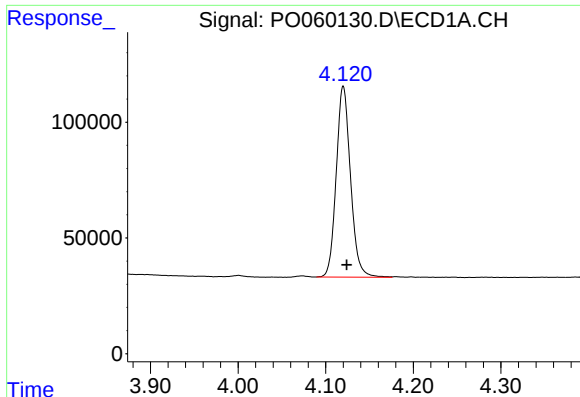
Instrument :
 ECD_O
 ClientSampleId :
 TP7-COMP

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
42) L9	AR-1268-2	8.366	0.000	177534	0	22.522	N.D. #
43) L9	AR-1268-3	8.603	7.578	21418	1716	3.039	0.314 #
44) L9	AR-1268-4	8.968	0.000	83675	0	30.098	N.D. #
45) L9	AR-1268-5	9.349	8.124	23702	-18236	1.285	N.D. #

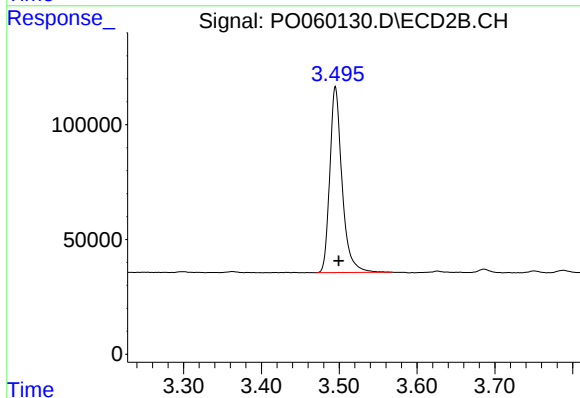
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

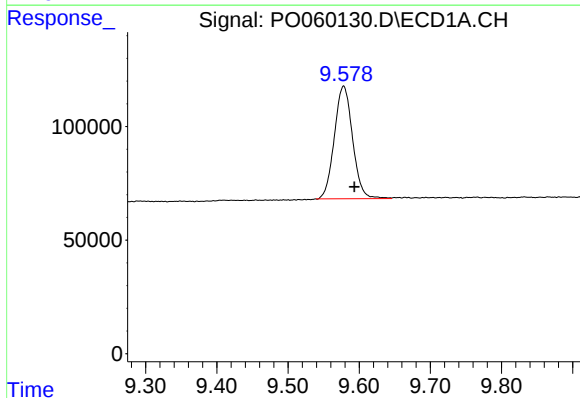
R.T.: 4.120 min
Delta R.T.: -0.004 min
Response: 933842
Conc: 26.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



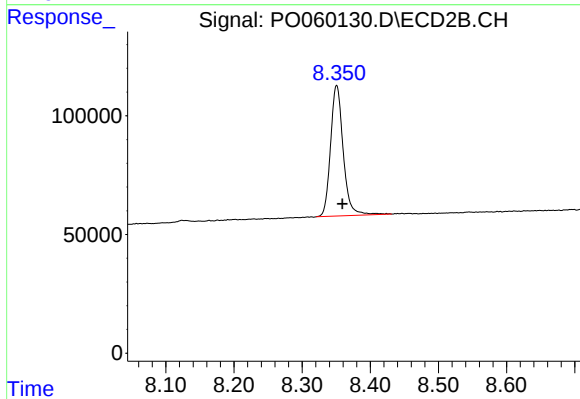
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: -0.004 min
Response: 885056
Conc: 24.59 ng/ml



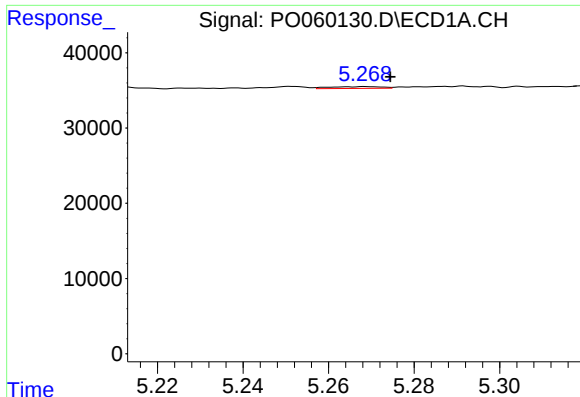
#2 Decachlorobiphenyl

R.T.: 9.578 min
Delta R.T.: -0.015 min
Response: 883133
Conc: 16.60 ng/ml



#2 Decachlorobiphenyl

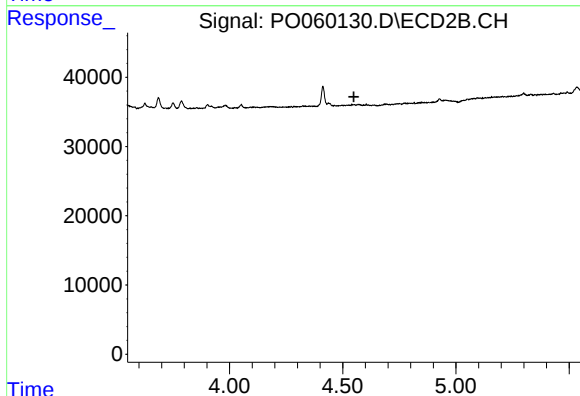
R.T.: 8.351 min
Delta R.T.: -0.008 min
Response: 709967
Conc: 17.61 ng/ml



#3 AR-1016-1

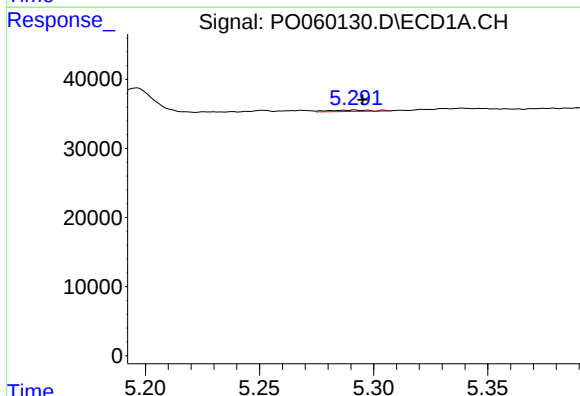
R.T.: 5.269 min
Delta R.T.: -0.006 min
Response: 2095
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



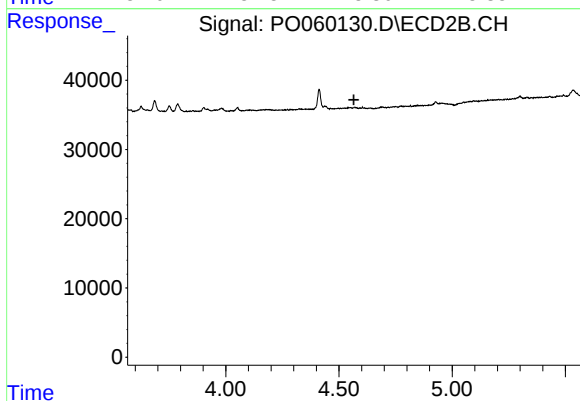
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



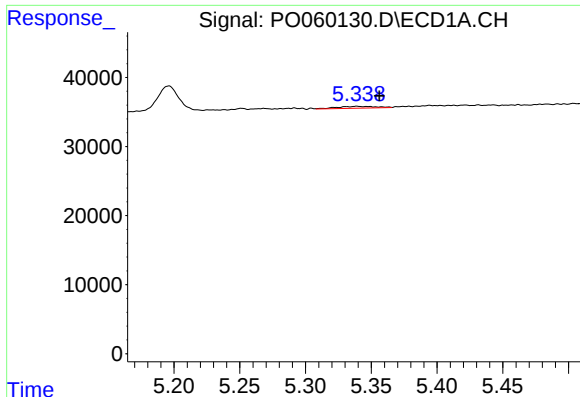
#4 AR-1016-2

R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 2634
Conc: 1.10 ng/ml



#4 AR-1016-2

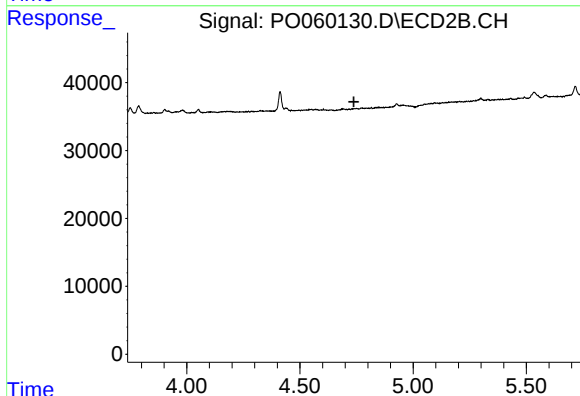
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

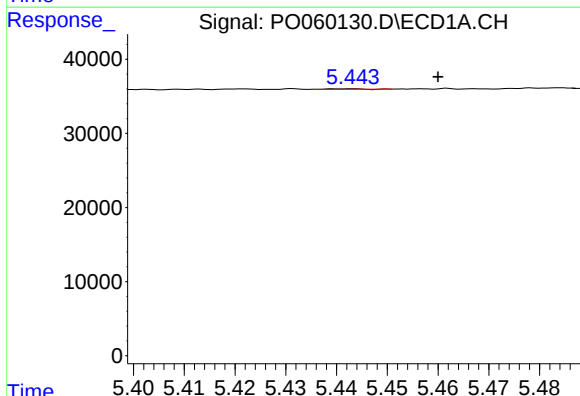
R.T.: 5.339 min
Delta R.T.: -0.017 min
Response: 5542
Conc: 3.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



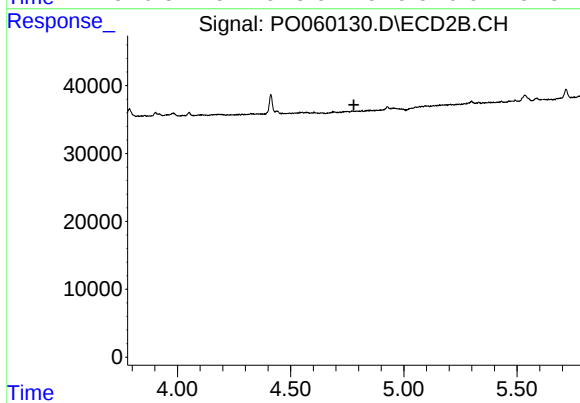
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



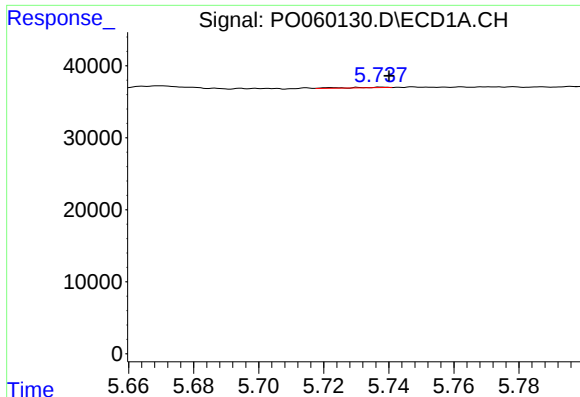
#6 AR-1016-4

R.T.: 5.443 min
Delta R.T.: -0.017 min
Response: 1681
Conc: 1.39 ng/ml



#6 AR-1016-4

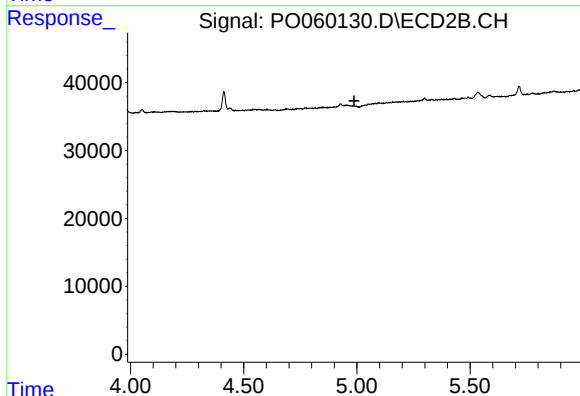
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#7 AR-1016-5

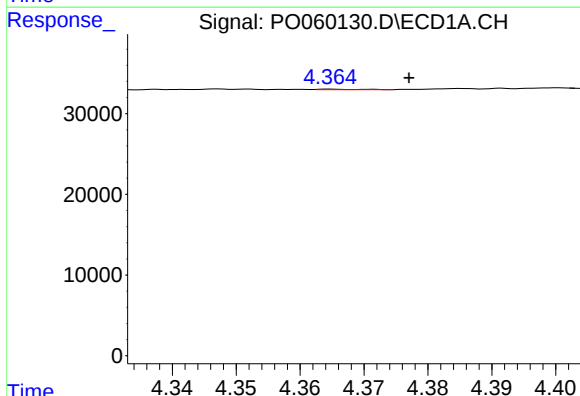
R.T.: 5.722 min
Delta R.T.: -0.018 min
Response: 1177
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



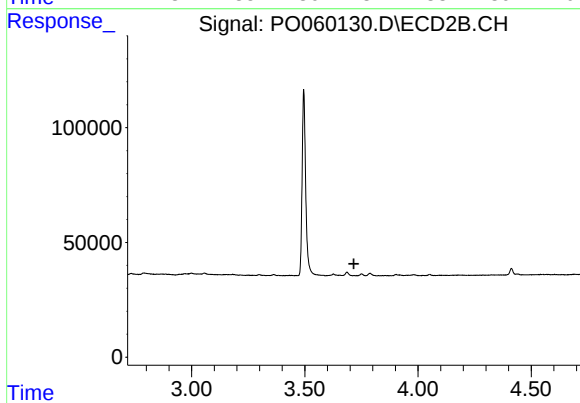
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



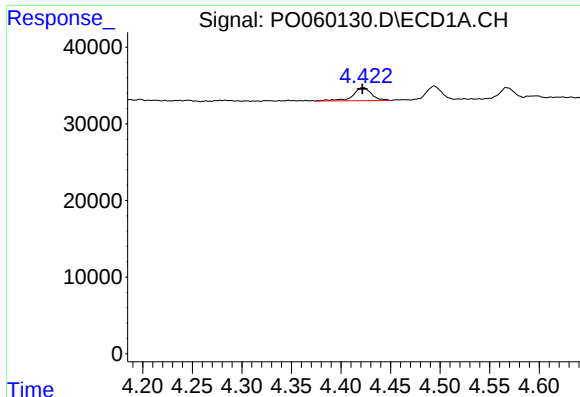
#8 AR-1221-1

R.T.: 4.365 min
Delta R.T.: -0.012 min
Response: 311
Conc: 0.73 ng/ml



#8 AR-1221-1

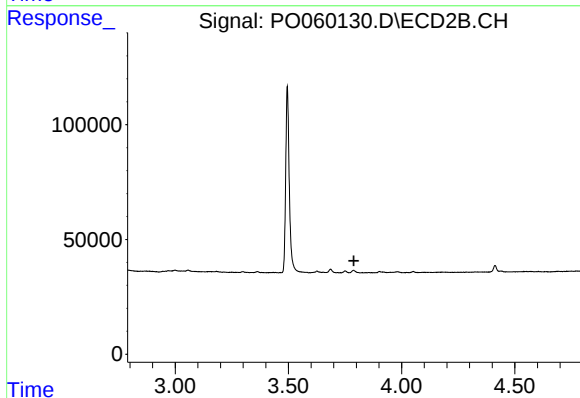
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

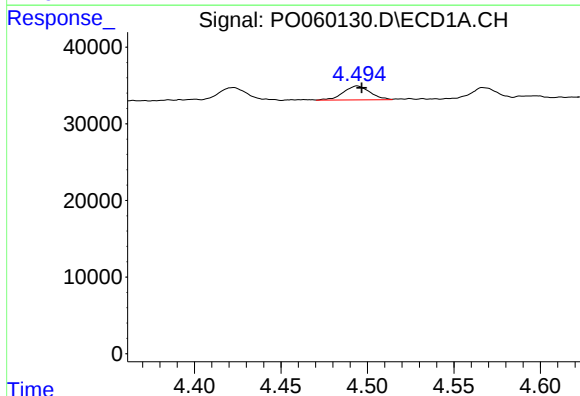
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 22240
Conc: 68.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



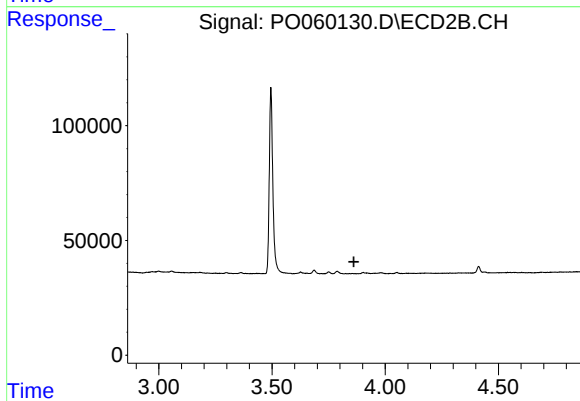
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.789 min
Response: 0
Conc: N.D.



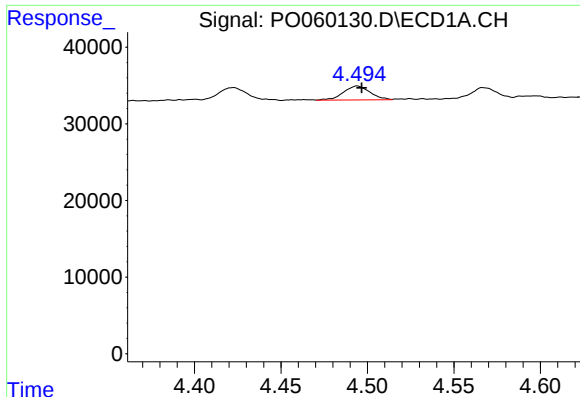
#10 AR-1221-3

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 19407
Conc: 18.45 ng/ml



#10 AR-1221-3

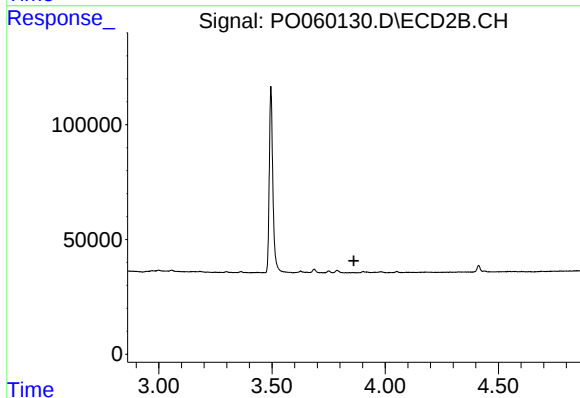
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

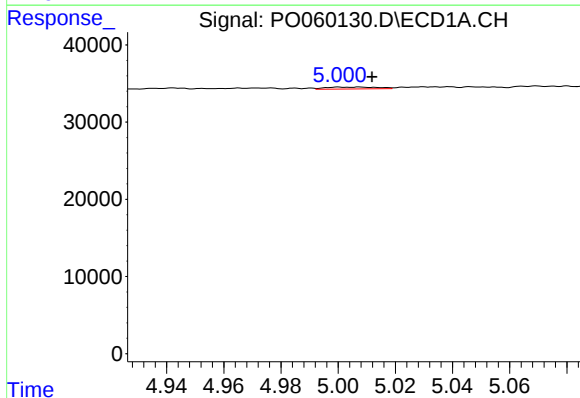
R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 19407
Conc: 15.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



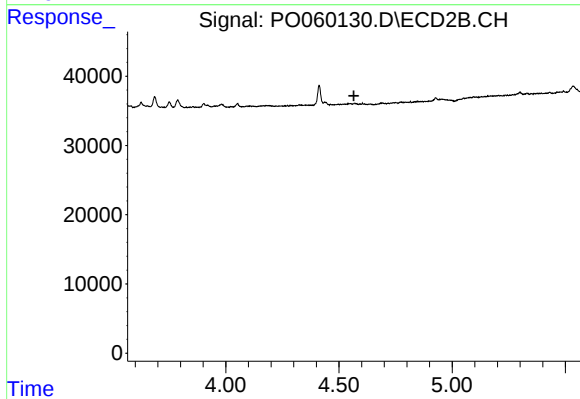
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



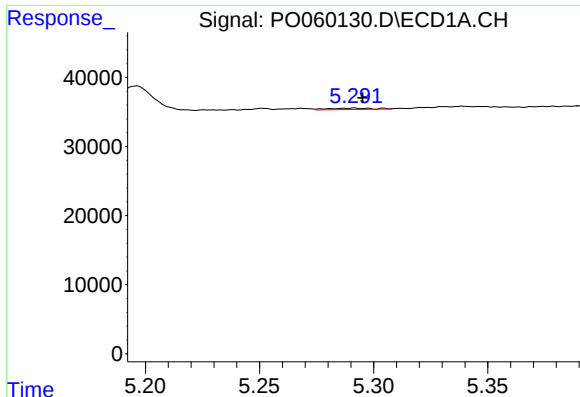
#12 AR-1232-2

R.T.: 5.008 min
Delta R.T.: -0.004 min
Response: 3112
Conc: 4.41 ng/ml



#12 AR-1232-2

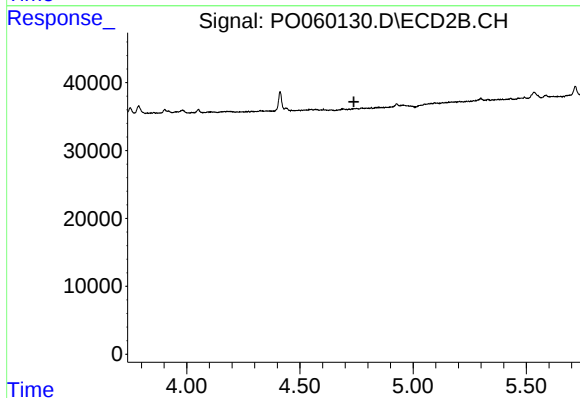
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

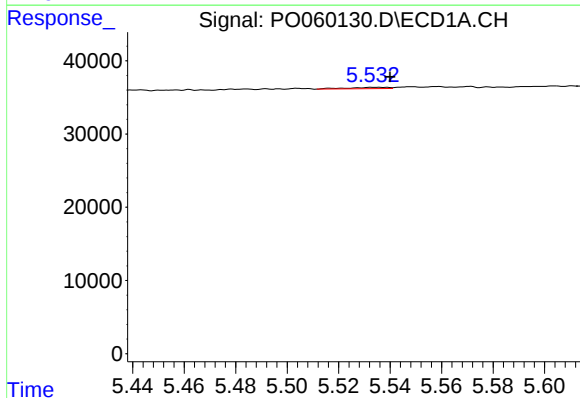
R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 2634
Conc: 1.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



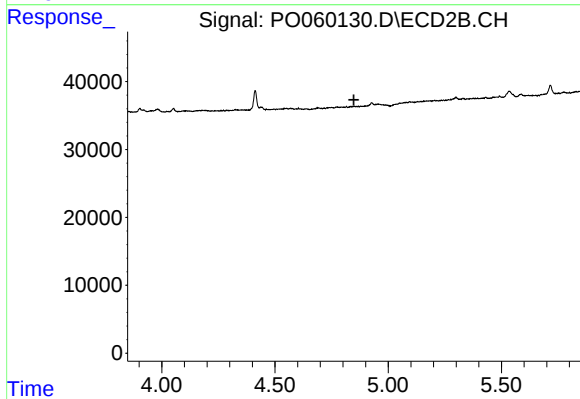
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



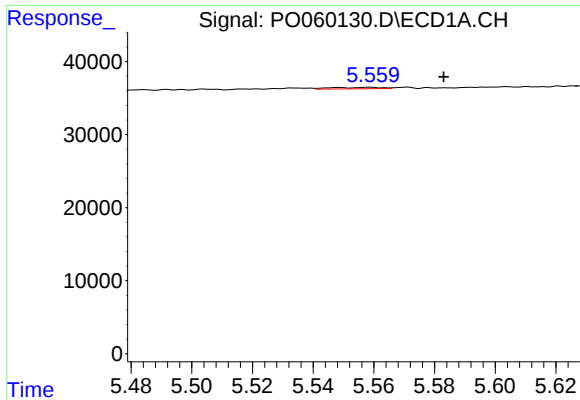
#14 AR-1232-4

R.T.: 5.535 min
Delta R.T.: -0.005 min
Response: 2100
Conc: 2.69 ng/ml



#14 AR-1232-4

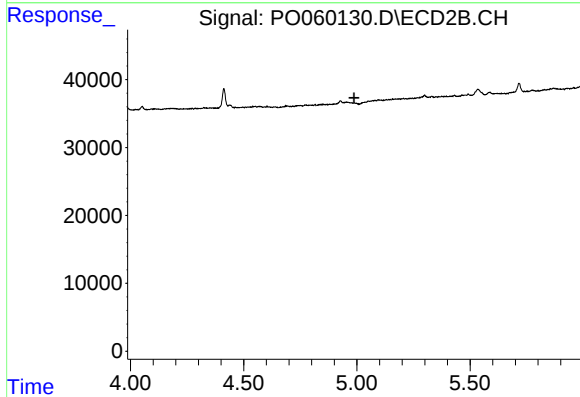
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

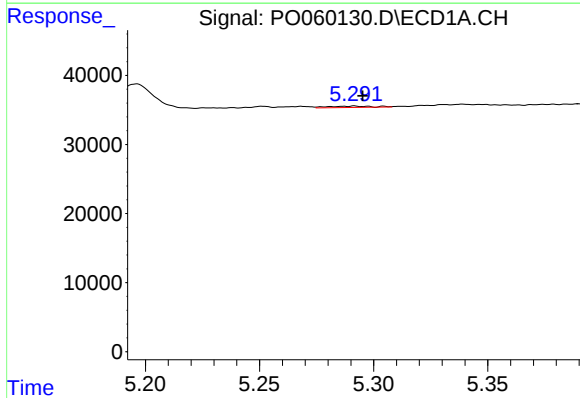
R.T.: 5.558 min
Delta R.T.: -0.025 min
Response: 2431
Conc: 4.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
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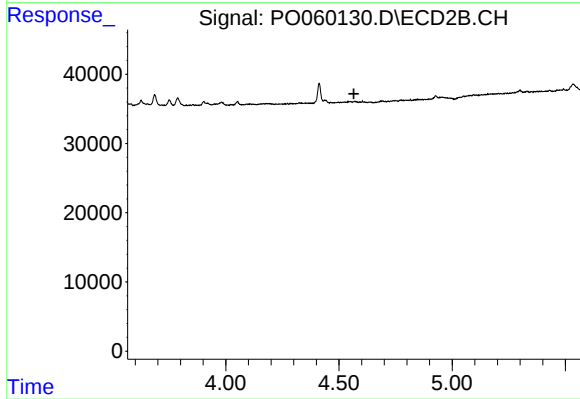
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



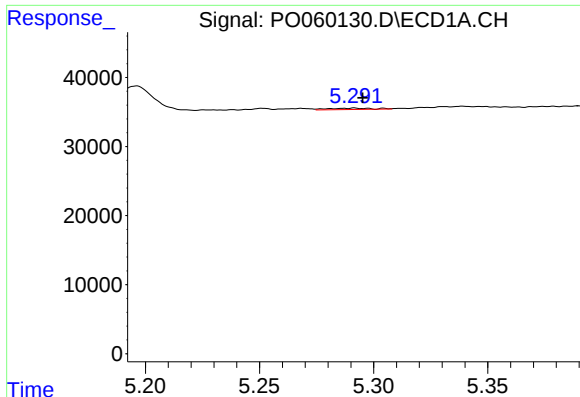
#16 AR-1242-1

R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 2634
Conc: 2.07 ng/ml



#16 AR-1242-1

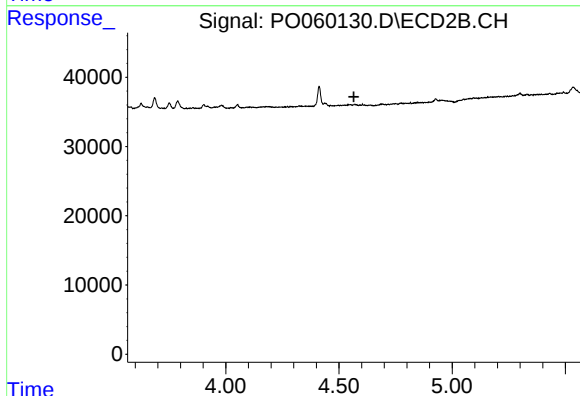
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

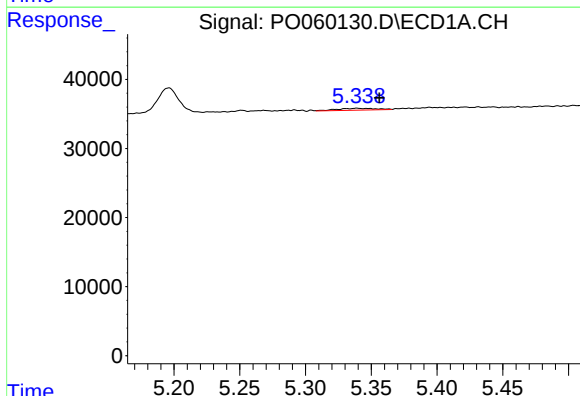
R.T.: 5.291 min
Delta R.T.: -0.004 min
Response: 2634
Conc: 1.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



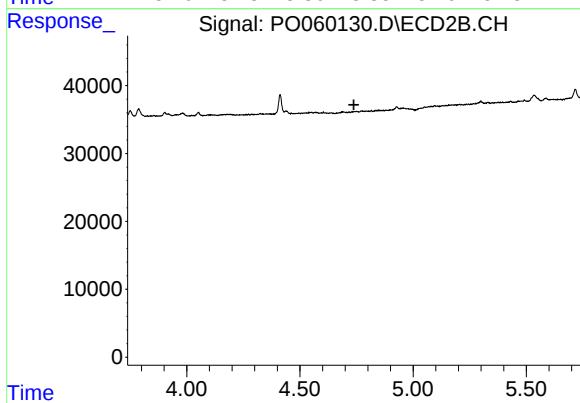
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



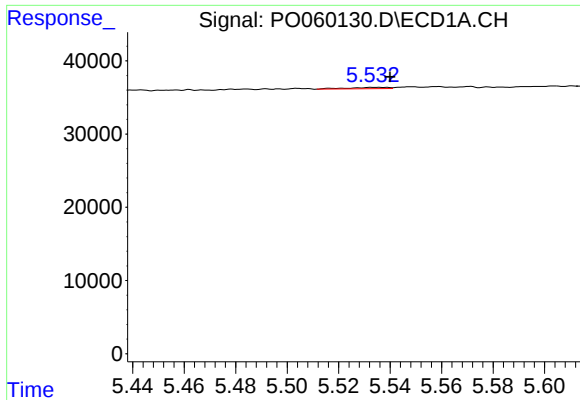
#18 AR-1242-3

R.T.: 5.339 min
Delta R.T.: -0.017 min
Response: 5542
Conc: 4.74 ng/ml



#18 AR-1242-3

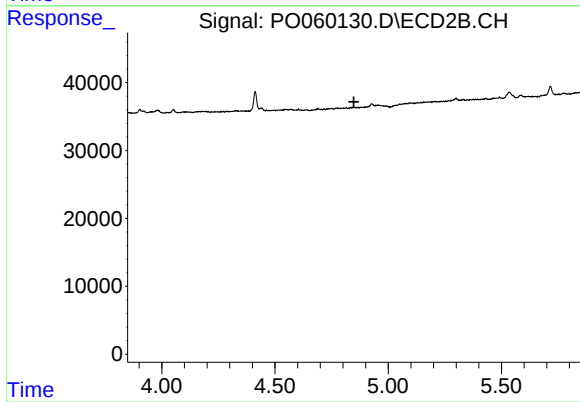
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

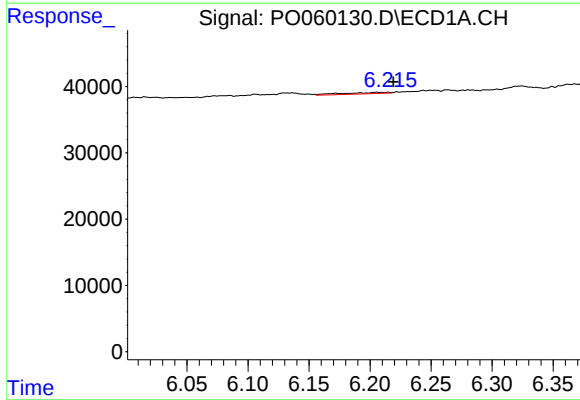
R.T.: 5.535 min
Delta R.T.: -0.005 min
Response: 2100
Conc: 2.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



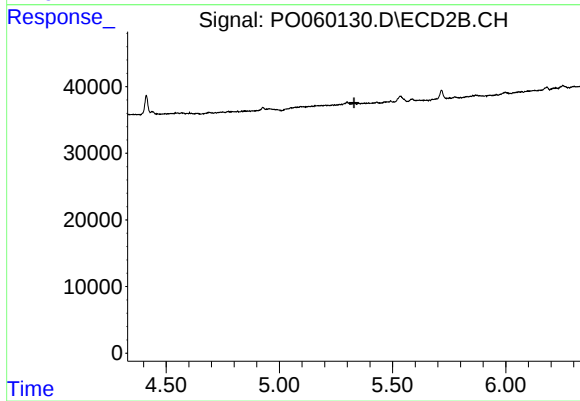
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



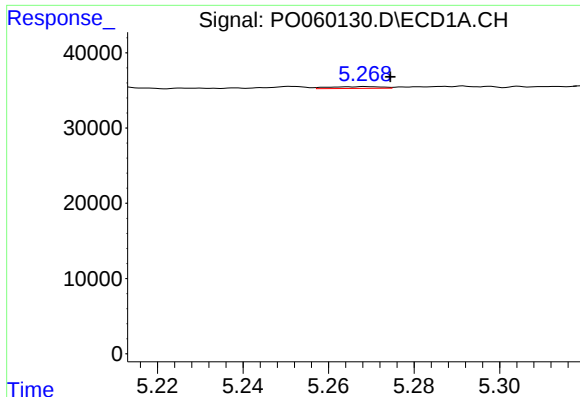
#20 AR-1242-5

R.T.: 6.205 min
Delta R.T.: -0.014 min
Response: 5477
Conc: 4.36 ng/ml



#20 AR-1242-5

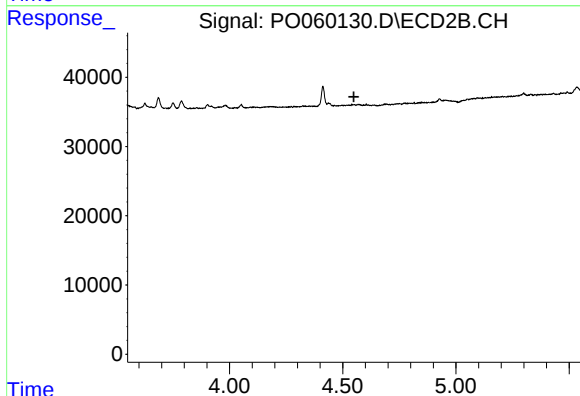
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#21 AR-1248-1

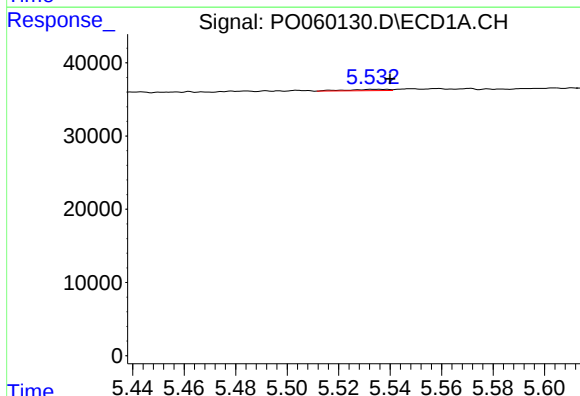
R.T.: 5.269 min
Delta R.T.: -0.006 min
Response: 2095
Conc: 2.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



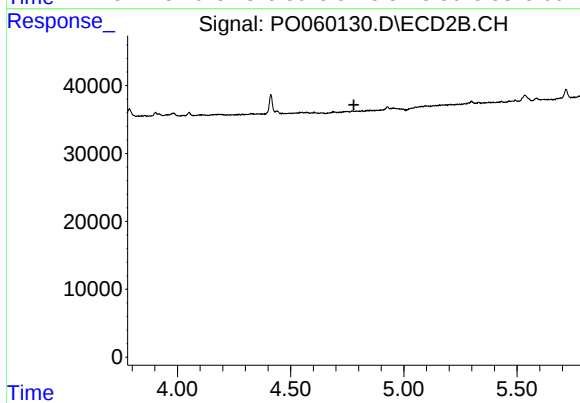
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



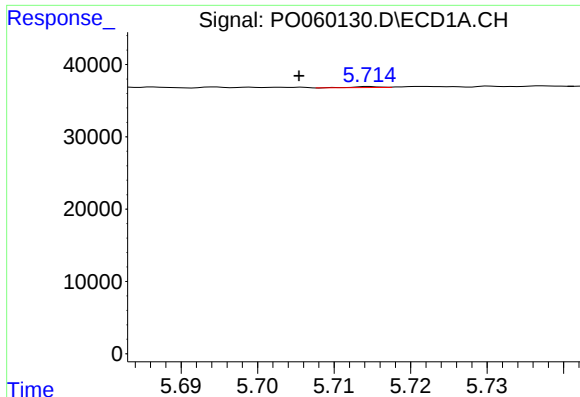
#22 AR-1248-2

R.T.: 5.535 min
Delta R.T.: -0.005 min
Response: 2100
Conc: 1.45 ng/ml



#22 AR-1248-2

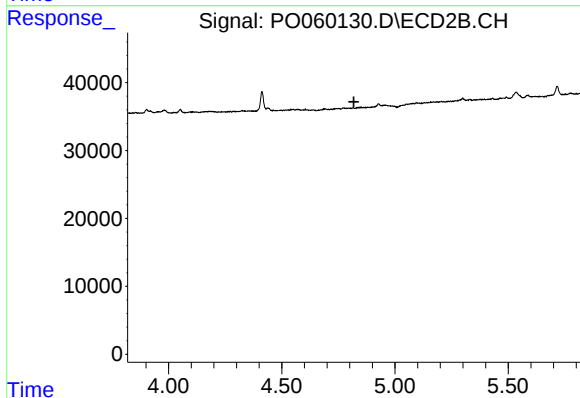
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

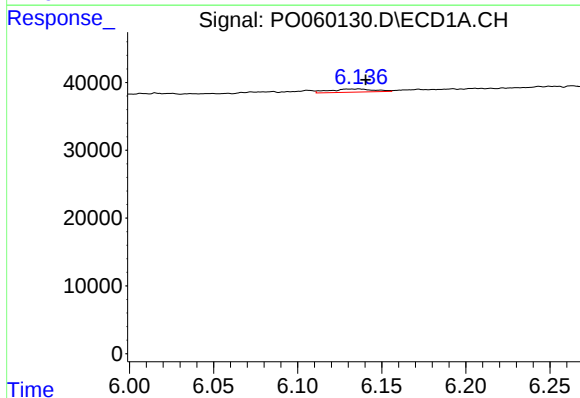
R.T.: 5.715 min
Delta R.T.: 0.010 min
Response: 280
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



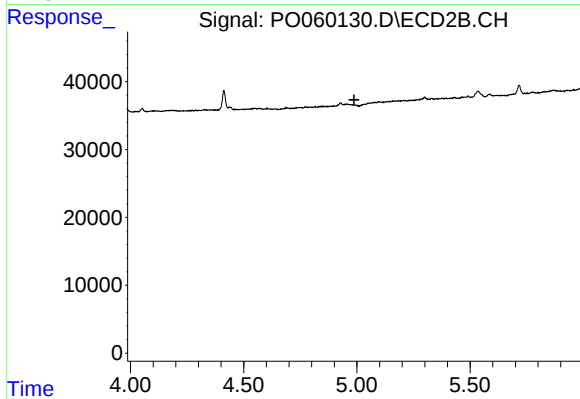
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



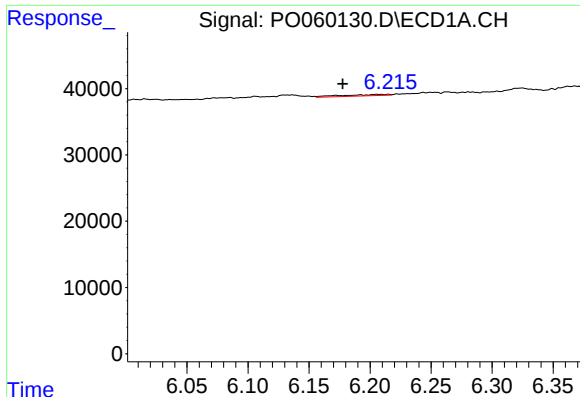
#24 AR-1248-4

R.T.: 6.136 min
Delta R.T.: -0.004 min
Response: 8472
Conc: 4.14 ng/ml



#24 AR-1248-4

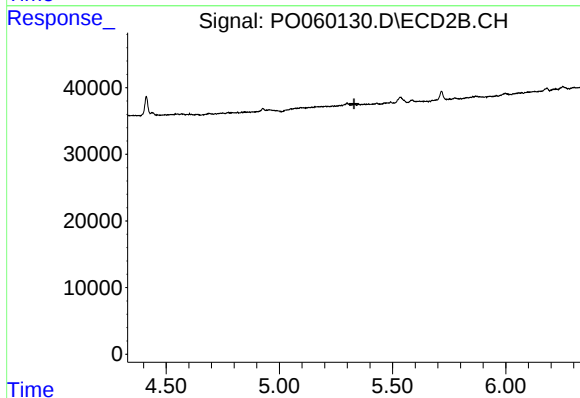
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

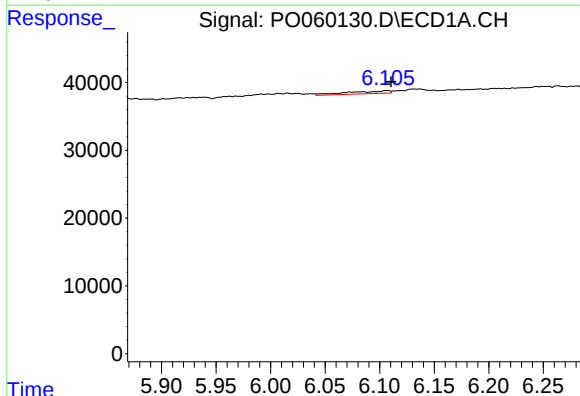
R.T.: 6.205 min
Delta R.T.: 0.027 min
Response: 5477
Conc: 2.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



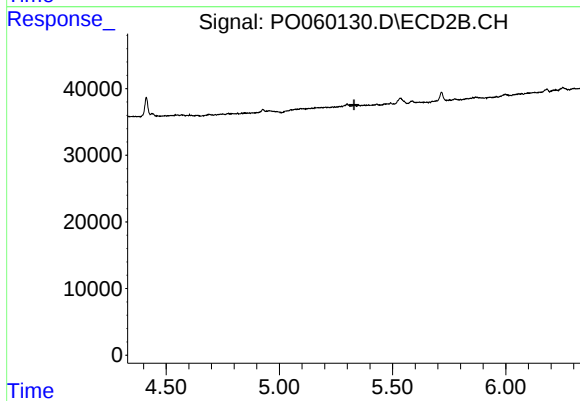
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



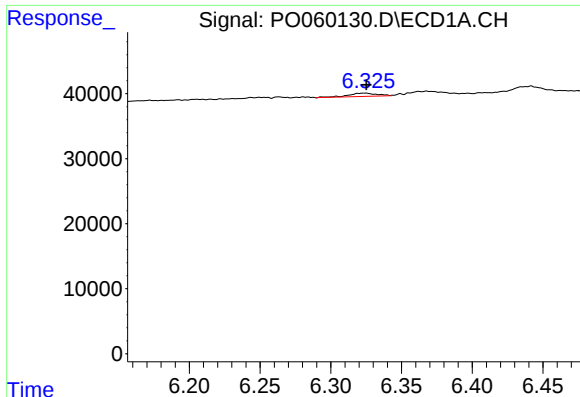
#26 AR-1254-1

R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 11071
Conc: 5.31 ng/ml



#26 AR-1254-1

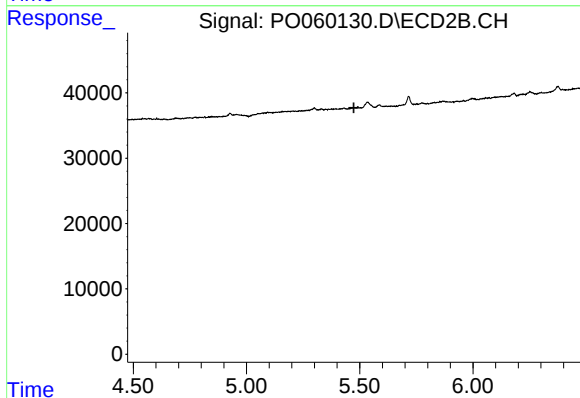
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

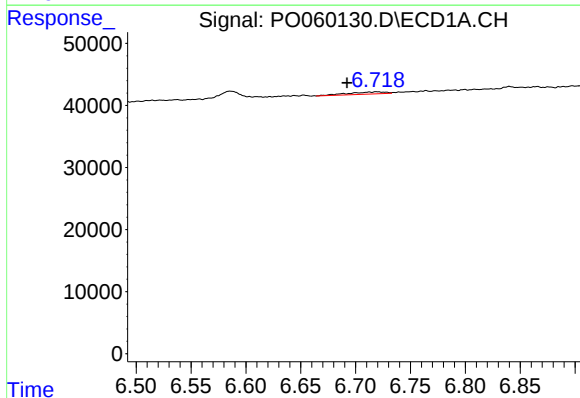
R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 7316
Conc: 2.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



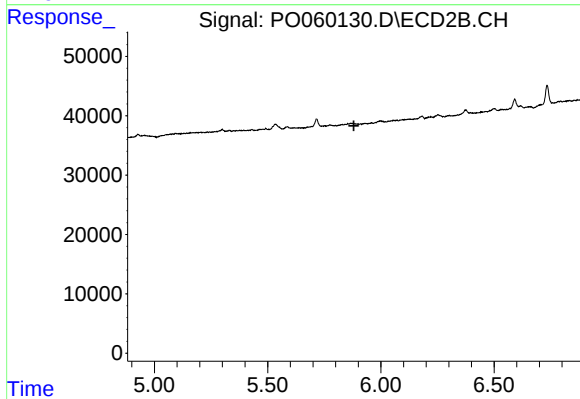
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.474 min
Response: 0
Conc: N.D.



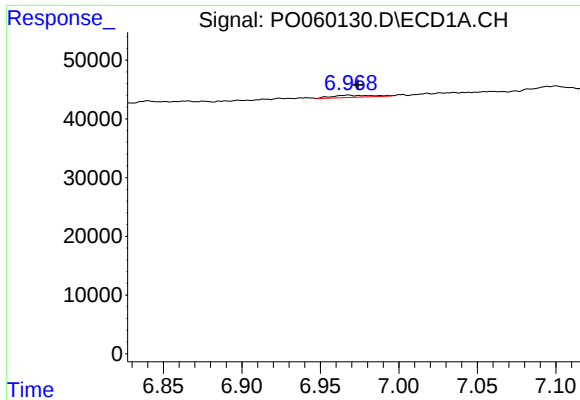
#28 AR-1254-3

R.T.: 6.720 min
Delta R.T.: 0.027 min
Response: 8269
Conc: 2.33 ng/ml



#28 AR-1254-3

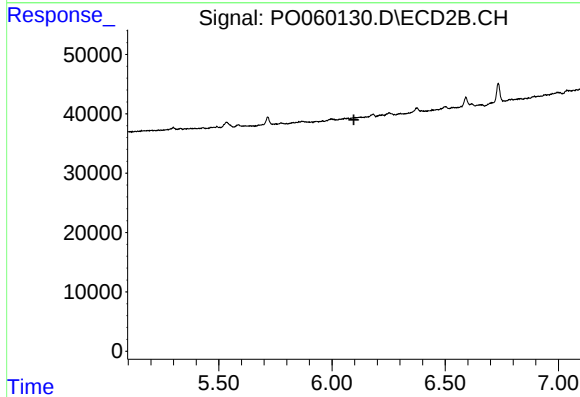
R.T.: 0.000 min
Exp R.T. : 5.881 min
Response: 0
Conc: N.D.



#29 AR-1254-4

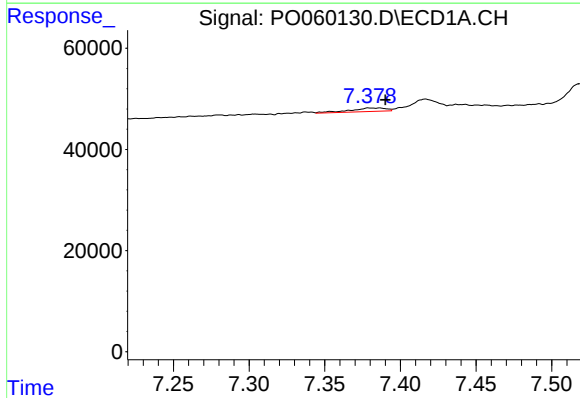
R.T.: 6.968 min
Delta R.T.: -0.006 min
Response: 6099
Conc: 2.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



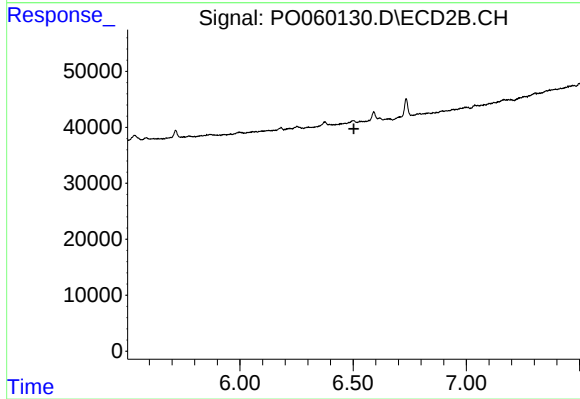
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.097 min
Response: 0
Conc: N.D.



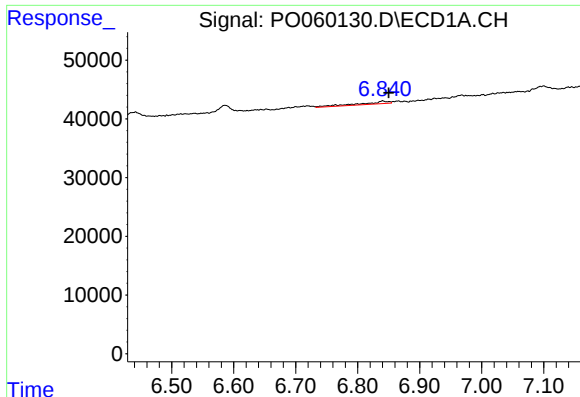
#30 AR-1254-5

R.T.: 7.386 min
Delta R.T.: -0.004 min
Response: 11836
Conc: 3.83 ng/ml



#30 AR-1254-5

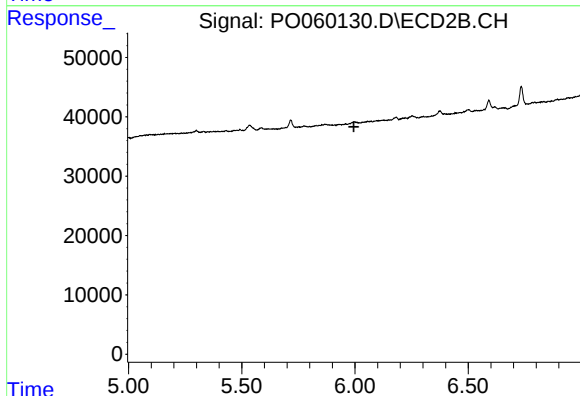
R.T.: 0.000 min
Exp R.T. : 6.503 min
Response: 0
Conc: N.D.



#31 AR-1260-1

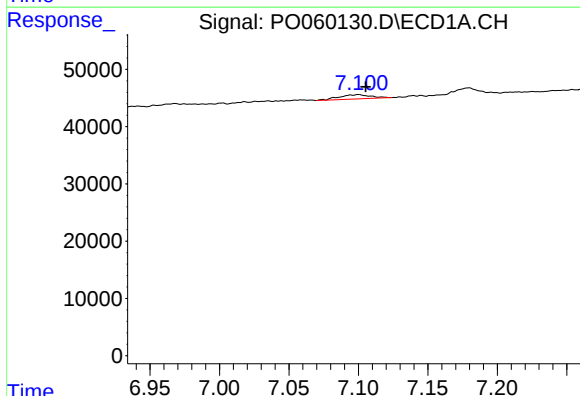
R.T.: 6.840 min
Delta R.T.: -0.009 min
Response: 13623
Conc: 5.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



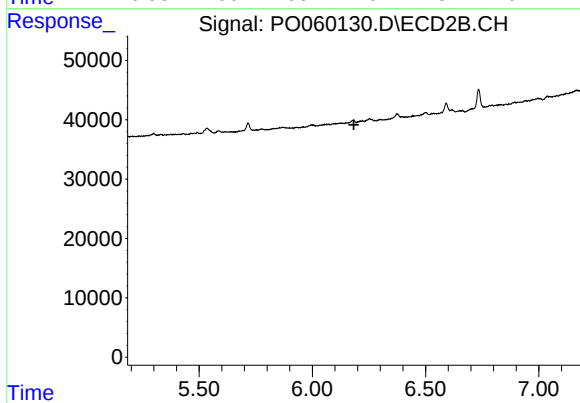
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 5.995 min
Response: 0
Conc: N.D.



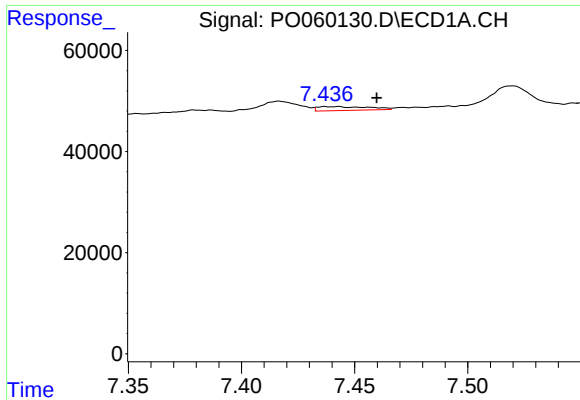
#32 AR-1260-2

R.T.: 7.100 min
Delta R.T.: -0.005 min
Response: 11682
Conc: 3.15 ng/ml



#32 AR-1260-2

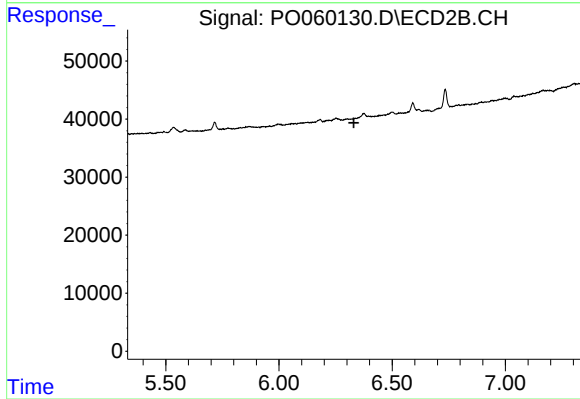
R.T.: 0.000 min
Exp R.T. : 6.183 min
Response: 0
Conc: N.D.



#33 AR-1260-3

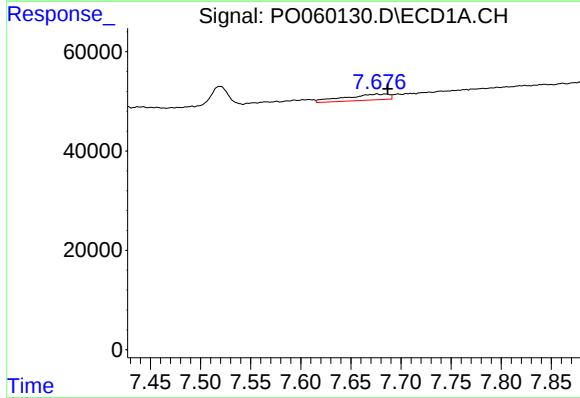
R.T.: 7.442 min
Delta R.T.: -0.017 min
Response: 12268
Conc: 3.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



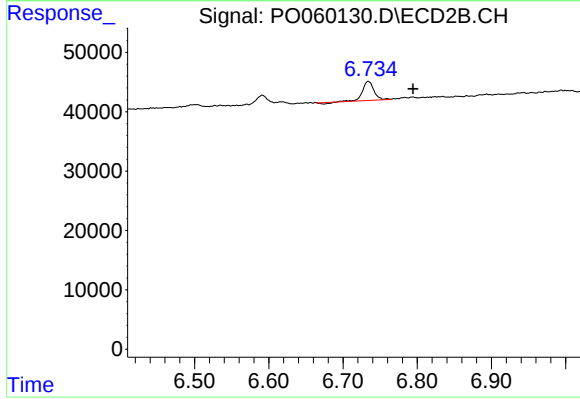
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.331 min
Response: 0
Conc: N.D.



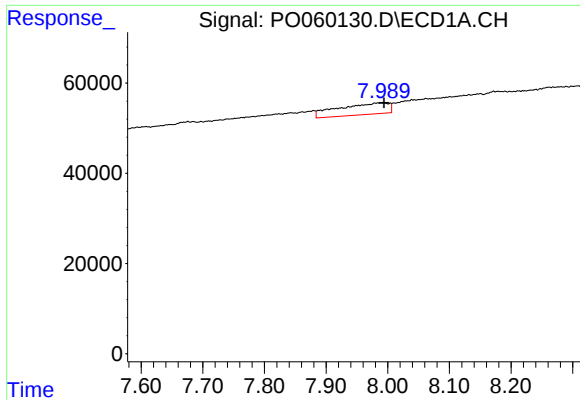
#34 AR-1260-4

R.T.: 7.676 min
Delta R.T.: -0.011 min
Response: 37628
Conc: 12.25 ng/ml



#34 AR-1260-4

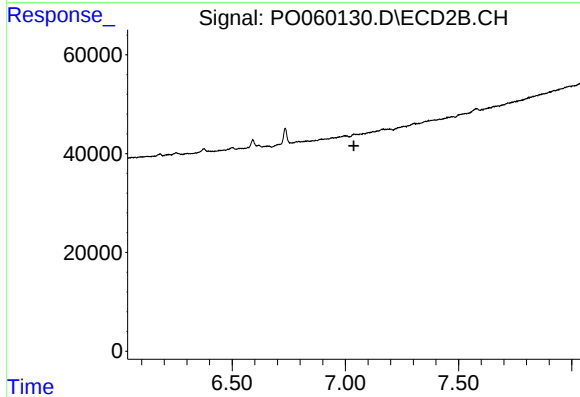
R.T.: 6.734 min
Delta R.T.: -0.060 min
Response: 33341
Conc: 14.74 ng/ml



#35 AR-1260-5

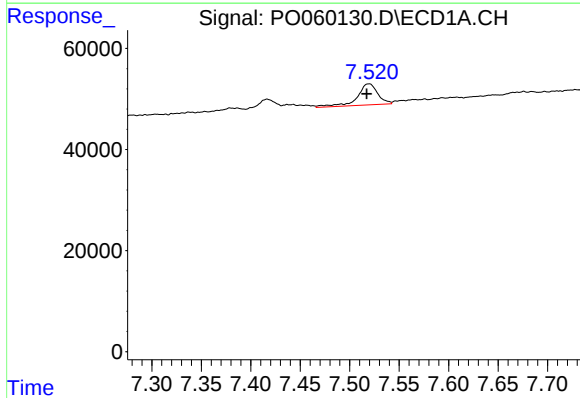
R.T.: 7.990 min
Delta R.T.: -0.004 min
Response: 144434
Conc: 20.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



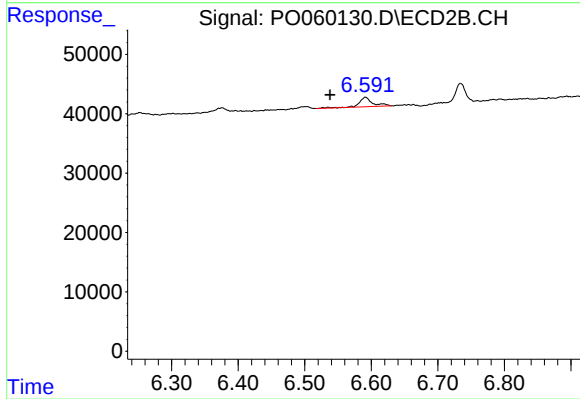
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



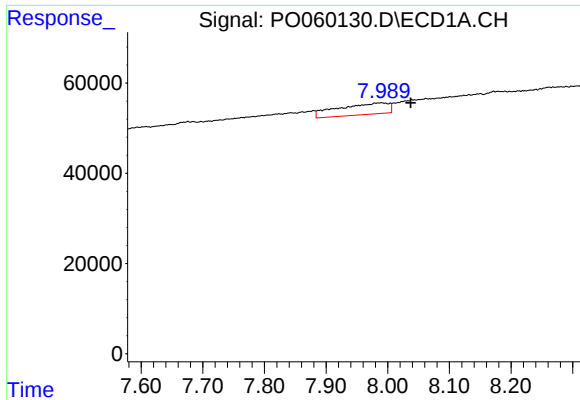
#36 AR-1262-1

R.T.: 7.519 min
Delta R.T.: 0.002 min
Response: 60718
Conc: 12.51 ng/ml



#36 AR-1262-1

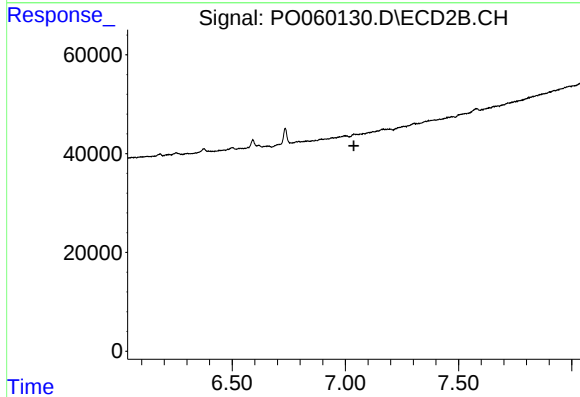
R.T.: 6.591 min
Delta R.T.: 0.053 min
Response: 22496
Conc: 6.03 ng/ml



#37 AR-1262-2

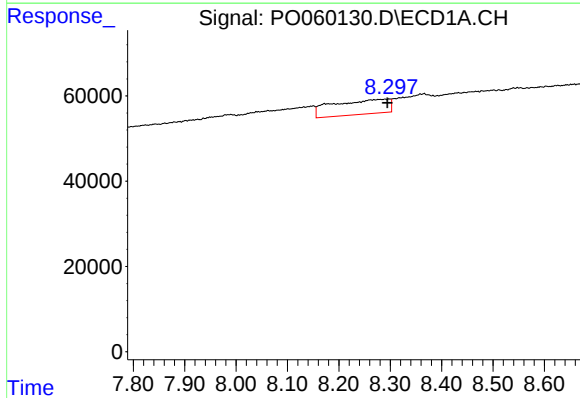
R.T.: 7.990 min
Delta R.T.: -0.048 min
Response: 144434
Conc: 18.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



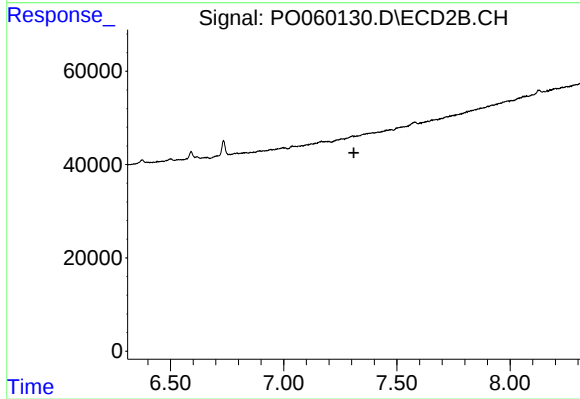
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



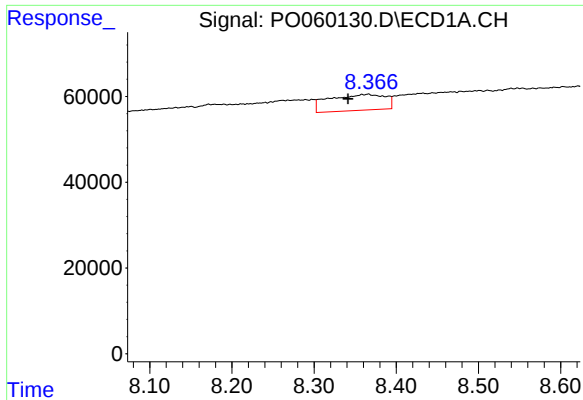
#38 AR-1262-3

R.T.: 8.290 min
Delta R.T.: -0.005 min
Response: 260878
Conc: 51.13 ng/ml



#38 AR-1262-3

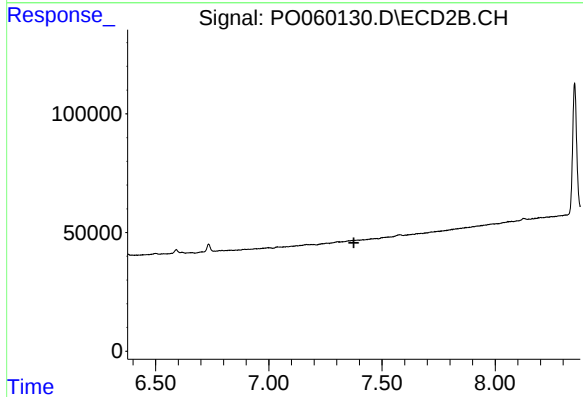
R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



#39 AR-1262-4

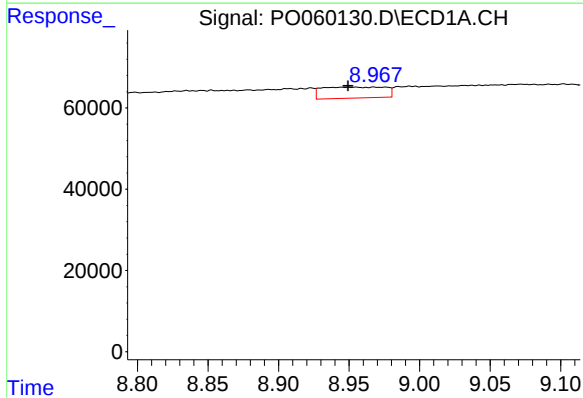
R.T.: 8.366 min
Delta R.T.: 0.025 min
Response: 177534
Conc: 46.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



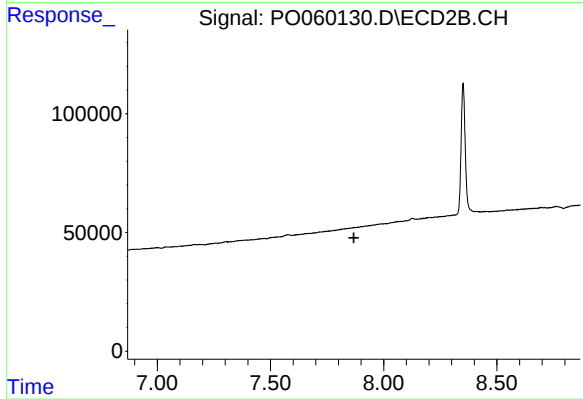
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



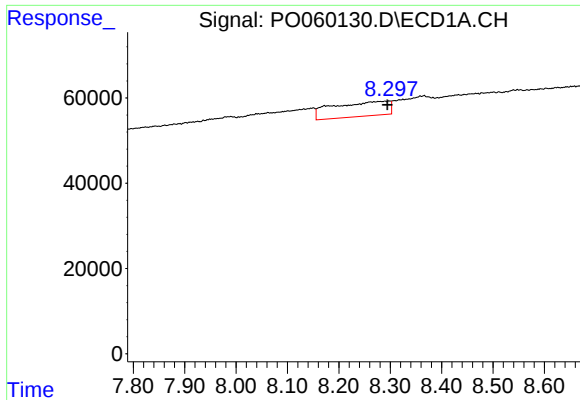
#40 AR-1262-5

R.T.: 8.968 min
Delta R.T.: 0.018 min
Response: 83675
Conc: 32.60 ng/ml



#40 AR-1262-5

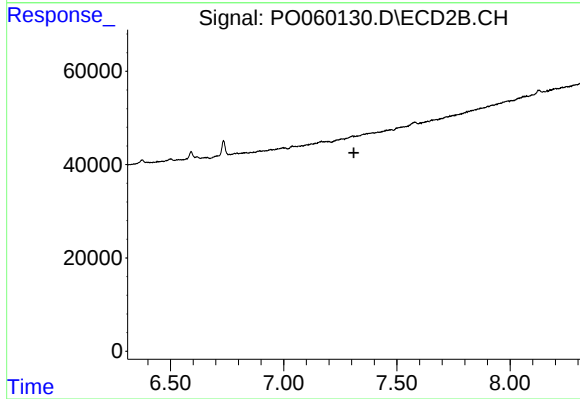
R.T.: 0.000 min
Exp R.T. : 7.868 min
Response: 0
Conc: N.D.



#41 AR-1268-1

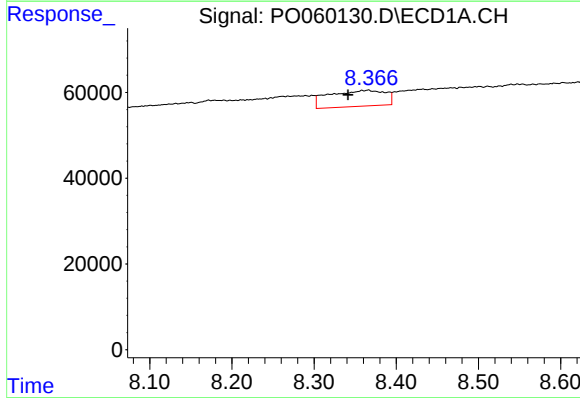
R.T.: 8.290 min
Delta R.T.: -0.005 min
Response: 260878
Conc: 27.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



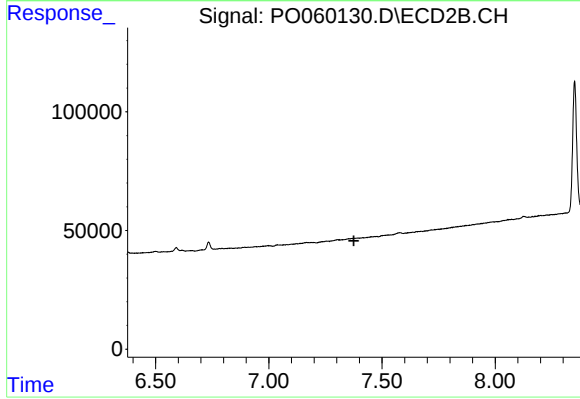
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.310 min
Response: 0
Conc: N.D.



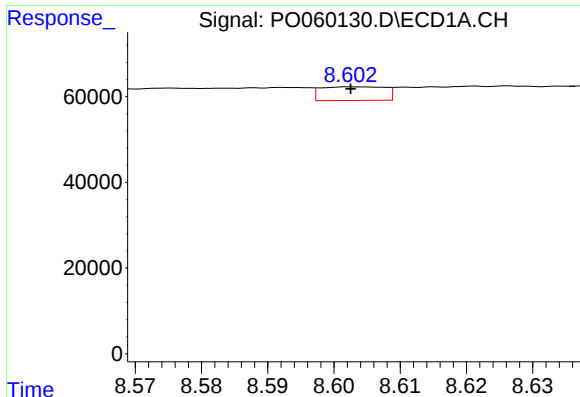
#42 AR-1268-2

R.T.: 8.366 min
Delta R.T.: 0.025 min
Response: 177534
Conc: 22.52 ng/ml



#42 AR-1268-2

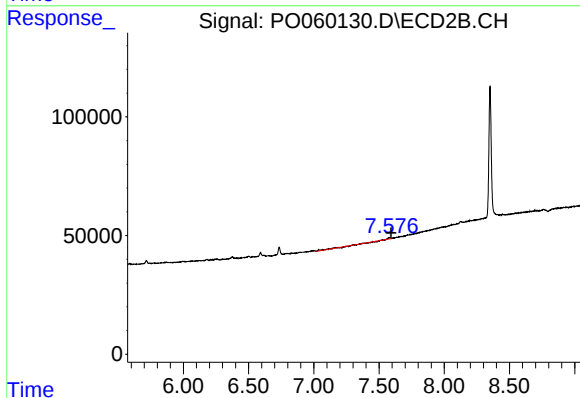
R.T.: 0.000 min
Exp R.T. : 7.376 min
Response: 0
Conc: N.D.



#43 AR-1268-3

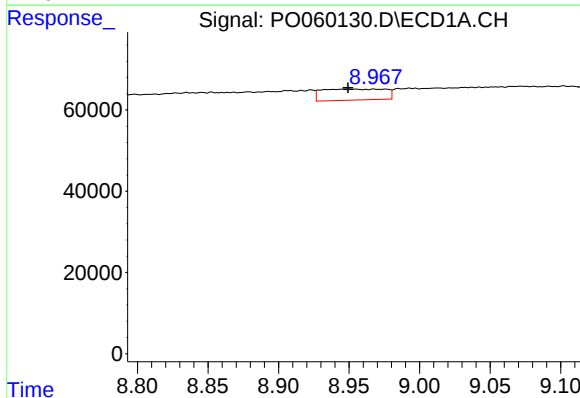
R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 21418
Conc: 3.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



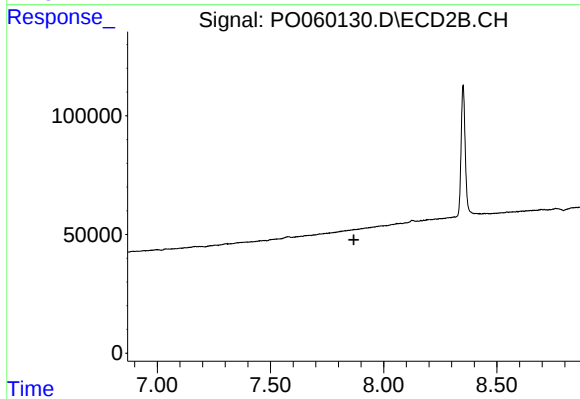
#43 AR-1268-3

R.T.: 7.578 min
Delta R.T.: -0.015 min
Response: 1716
Conc: 0.31 ng/ml



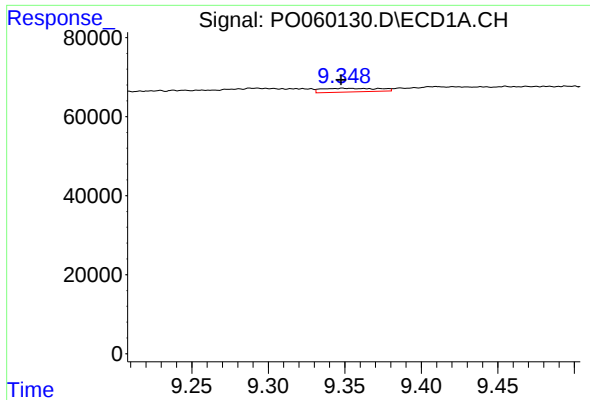
#44 AR-1268-4

R.T.: 8.968 min
Delta R.T.: 0.018 min
Response: 83675
Conc: 30.10 ng/ml



#44 AR-1268-4

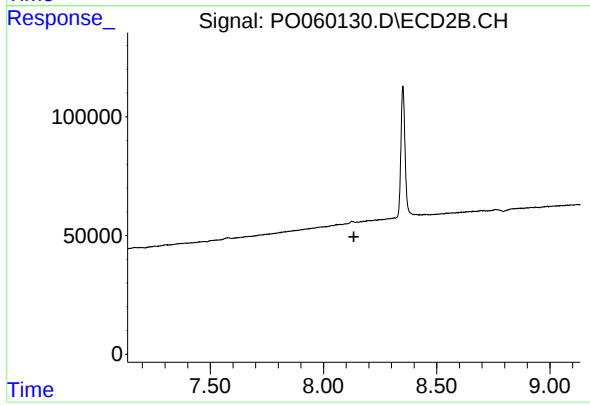
R.T.: 0.000 min
Exp R.T.: 7.868 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.349 min
Delta R.T.: 0.001 min
Response: 23702
Conc: 1.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP7-COMP



#45 AR-1268-5

R.T.: 8.124 min
Delta R.T.: -0.011 min
Response: -18236
Conc: N.D.