

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
 Data File : P0059771.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 22:25
 Operator : SM/AJ
 Sample : K4461-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 23:23:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.125	3.498	1319648	1233675	37.691	34.273
2)	SA Decachlor...	9.595	8.358	1565789	1290533	29.432	32.006
Target Compounds							
3)	L1 AR-1016-1	5.271	0.000	690	0	0.430	N.D. #
4)	L1 AR-1016-2	5.296	0.000	311	0	0.130	N.D. #
5)	L1 AR-1016-3	5.362	0.000	403	0	0.271	N.D. #
6)	L1 AR-1016-4	5.467	0.000	432	0	0.357	N.D. #
7)	L1 AR-1016-5	5.739	0.000	3006	0	2.341	N.D. #
8)	L2 AR-1221-1	4.366	0.000	336	0	0.792	N.D. #
9)	L2 AR-1221-2	4.452	3.789	705	19527	2.170	64.102 #
10)	L2 AR-1221-3	4.516	3.905	2698	2384	2.565	2.437
11)	L3 AR-1232-1	4.516	3.905	2698	2384	2.165	2.091
12)	L3 AR-1232-2	5.037	0.000	4548	0	6.439	N.D. #
13)	L3 AR-1232-3	5.313	0.000	683	0	0.446	N.D. #
14)	L3 AR-1232-4	5.488	0.000	631	0	0.808	N.D. #
15)	L3 AR-1232-5	5.585	0.000	1489	0	2.477	N.D. #
16)	L4 AR-1242-1	5.296	0.000	311	0	0.245	N.D. #
17)	L4 AR-1242-2	5.313	0.000	683	0	0.368	N.D. #
18)	L4 AR-1242-3	5.387	0.000	3490	0	2.986	N.D. #
19)	L4 AR-1242-4	5.488	0.000	631	0	0.652	N.D. #
20)	L4 AR-1242-5	6.214	5.305	3681	3950	2.930	3.531
21)	L5 AR-1248-1	5.271	0.000	690	0	0.688	N.D. #
22)	L5 AR-1248-2	5.541	0.000	1803	0	1.243	N.D. #
23)	L5 AR-1248-3	5.739	0.000	3006	0	1.809	N.D. #
24)	L5 AR-1248-4	6.142	0.000	7178	0	3.511	N.D. #
25)	L5 AR-1248-5	6.155	5.305	999	3950	0.504	2.760 #
26)	L6 AR-1254-1	6.084	5.305	3301	3950	1.582	1.666
27)	L6 AR-1254-2	6.331	5.494	7928	8569	2.376	4.084 #
28)	L6 AR-1254-3	6.704	5.885	12232	9063	3.447	2.695
29)	L6 AR-1254-4	6.980	6.124	7942	3996	2.696	1.938 #
30)	L6 AR-1254-5	7.392	6.502	17014	14413	5.502	4.642
31)	L7 AR-1260-1	6.851	5.997	9994	6495	3.707	2.850
32)	L7 AR-1260-2	7.112	6.185	37245	9067	10.038	3.095 #
33)	L7 AR-1260-3	7.464	6.330	14153	8378	4.320	3.163 #
34)	L7 AR-1260-4	7.688	6.795	38242	6606	12.451	2.920 #
35)	L7 AR-1260-5	7.996	7.036	85308	16742	12.048	3.042 #
36)	L8 AR-1262-1	7.489	6.531	1672	16648	0.344	4.466 #
37)	L8 AR-1262-2	7.996	7.073	85308	792	11.056	0.135 #
38)	L8 AR-1262-3	8.305	7.338	181131	1784	35.500	0.702 #
39)	L8 AR-1262-4	8.375	7.375	24593	14317	6.380	3.240 #
40)	L8 AR-1262-5	8.978	0.000	33273	0	12.964	N.D. #
41)	L9 AR-1268-1	8.305	7.338	181131	1784	19.247	0.251 #

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 Acq On : 23 Aug 2019 22:25
 Operator : SM/AJ
 Sample : K4461-10
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

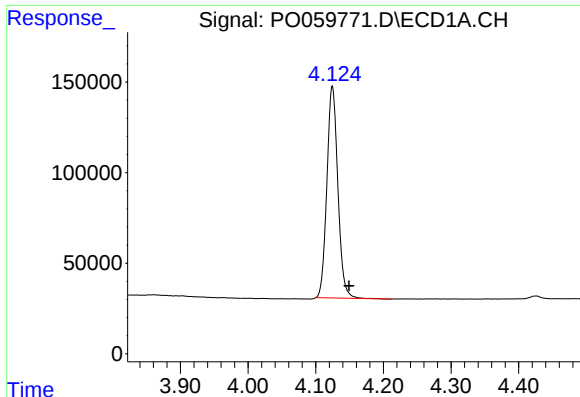
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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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	8.375	7.375	24593	14317	3.120	2.220 #
43) L9	AR-1268-3	8.586	7.570	21695	7230	3.078	1.321 #
44) L9	AR-1268-4	8.978	0.000	33273	0	11.969	N.D. #
45) L9	AR-1268-5	9.366	8.134	16348	9815	0.886	0.676

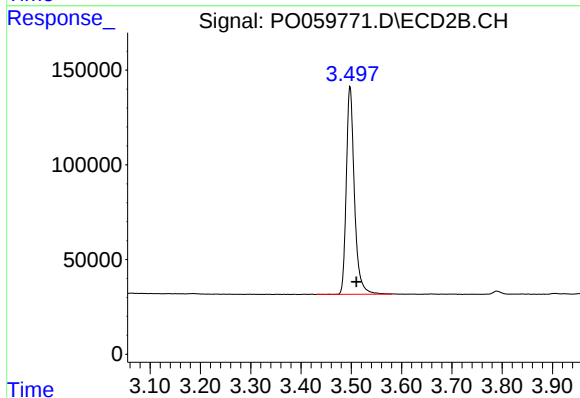
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

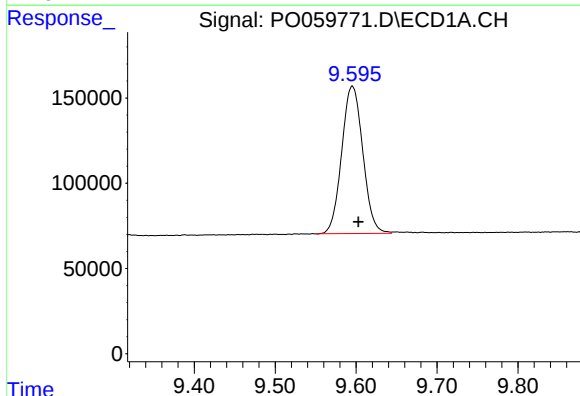
R.T.: 4.125 min
Delta R.T.: -0.024 min
Response: 1319648
Conc: 37.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



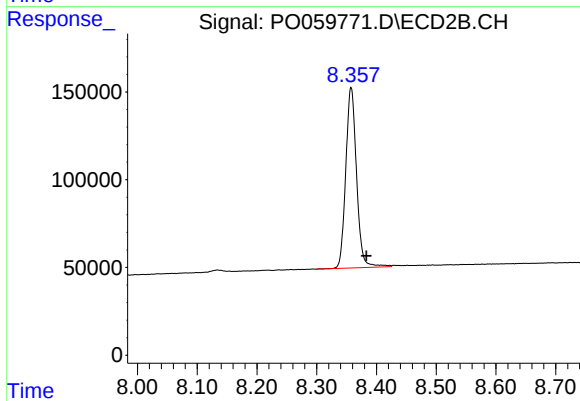
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.012 min
Response: 1233675
Conc: 34.27 ng/ml



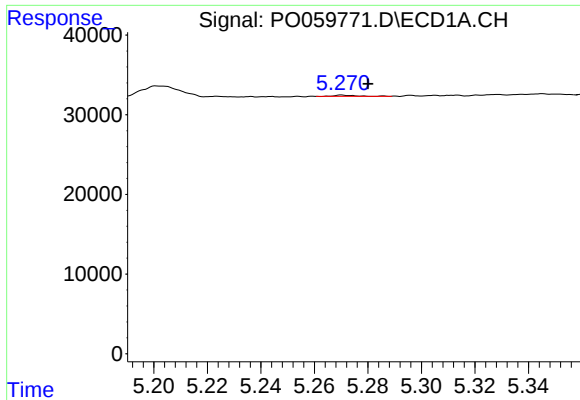
#2 Decachlorobiphenyl

R.T.: 9.595 min
Delta R.T.: -0.008 min
Response: 1565789
Conc: 29.43 ng/ml



#2 Decachlorobiphenyl

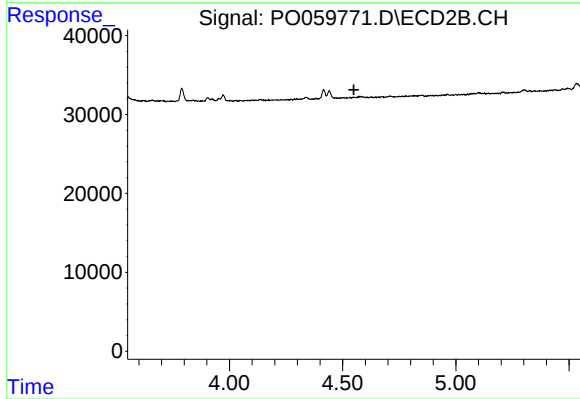
R.T.: 8.358 min
Delta R.T.: -0.026 min
Response: 1290533
Conc: 32.01 ng/ml



#3 AR-1016-1

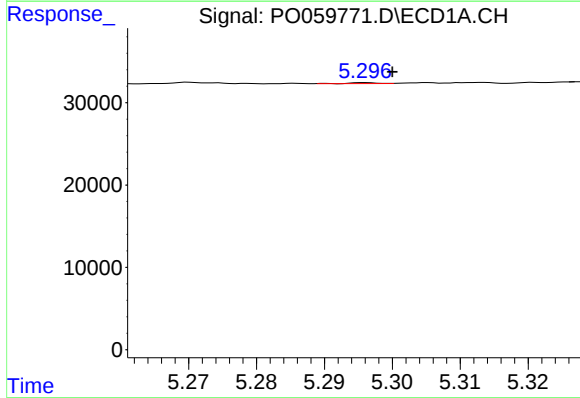
R.T.: 5.271 min
Delta R.T.: -0.009 min
Response: 690
Conc: 0.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



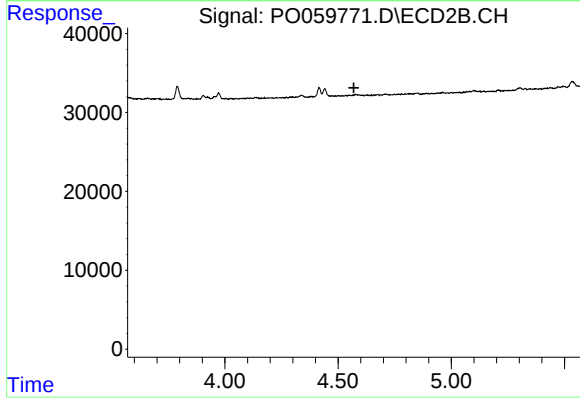
#3 AR-1016-1

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



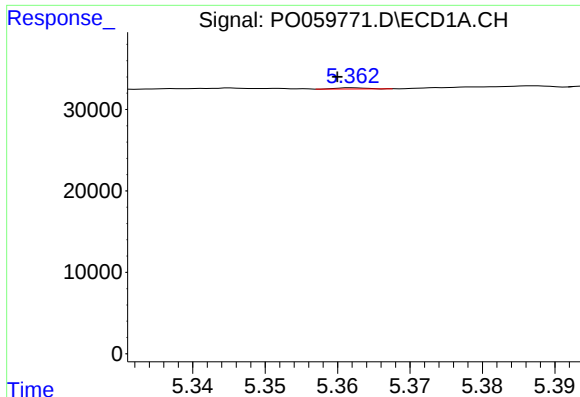
#4 AR-1016-2

R.T.: 5.296 min
Delta R.T.: -0.004 min
Response: 311
Conc: 0.13 ng/ml



#4 AR-1016-2

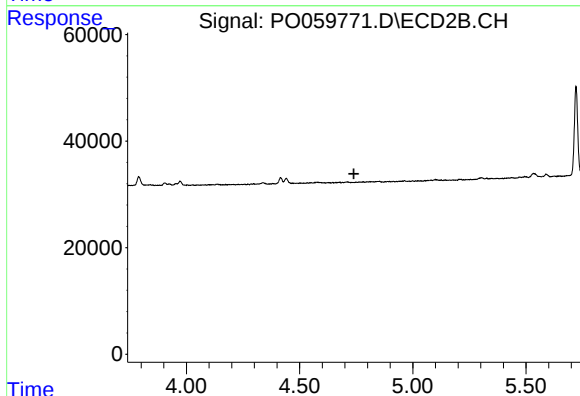
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#5 AR-1016-3

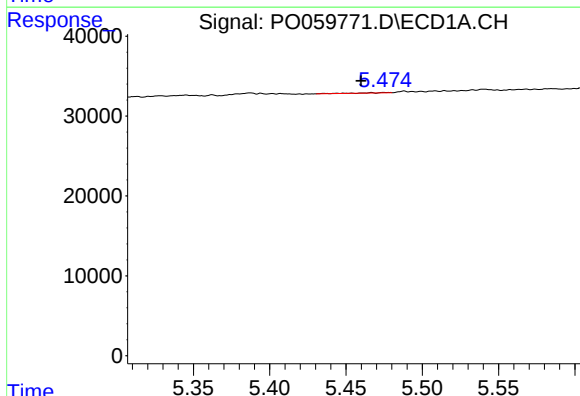
R.T.: 5.362 min
Delta R.T.: 0.002 min
Response: 403
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



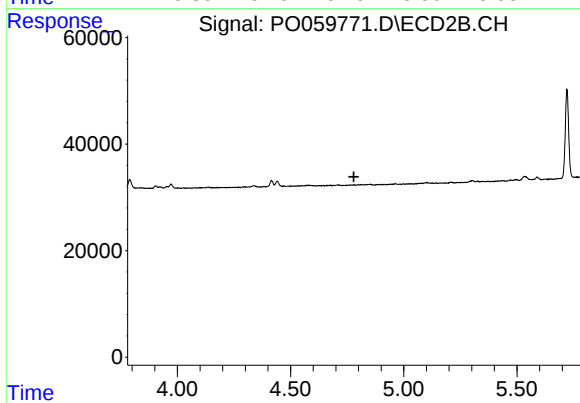
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



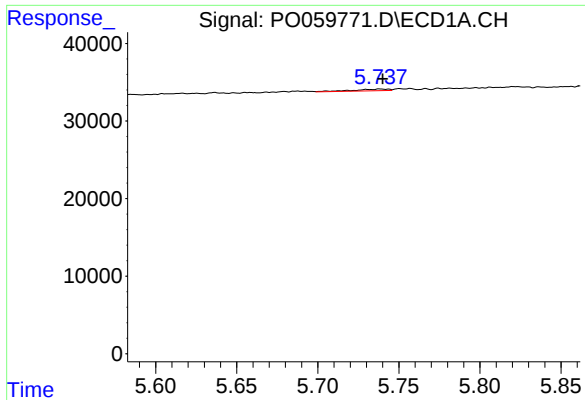
#6 AR-1016-4

R.T.: 5.467 min
Delta R.T.: 0.007 min
Response: 432
Conc: 0.36 ng/ml



#6 AR-1016-4

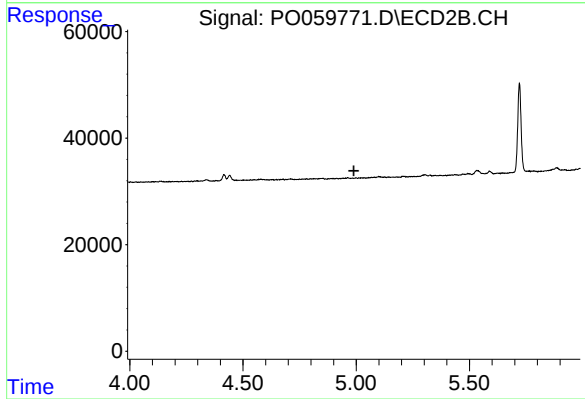
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#7 AR-1016-5

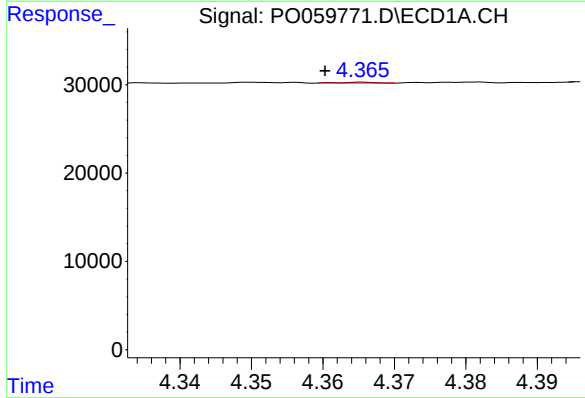
R.T.: 5.739 min
Delta R.T.: -0.001 min
Response: 3006
Conc: 2.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



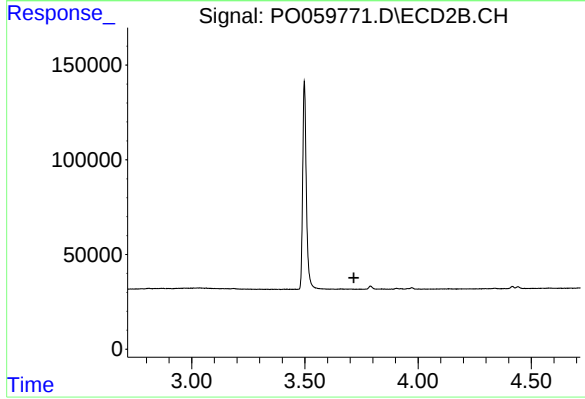
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



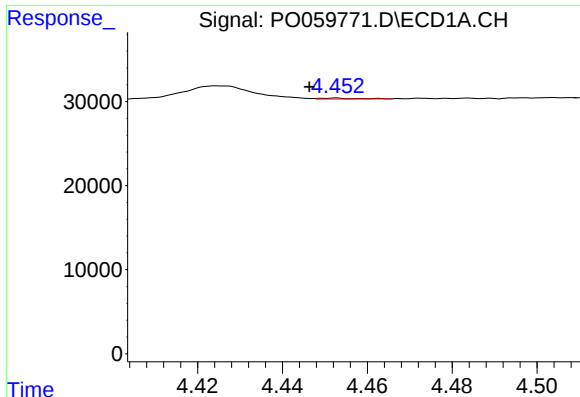
#8 AR-1221-1

R.T.: 4.366 min
Delta R.T.: 0.005 min
Response: 336
Conc: 0.79 ng/ml



#8 AR-1221-1

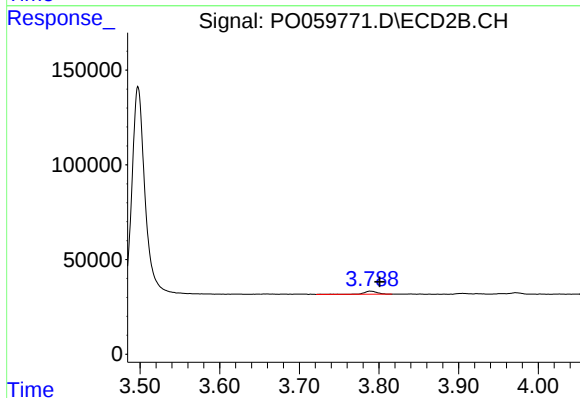
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

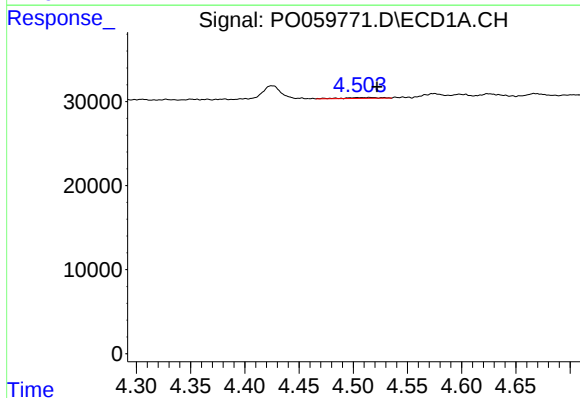
R.T.: 4.452 min
Delta R.T.: 0.006 min
Response: 705
Conc: 2.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



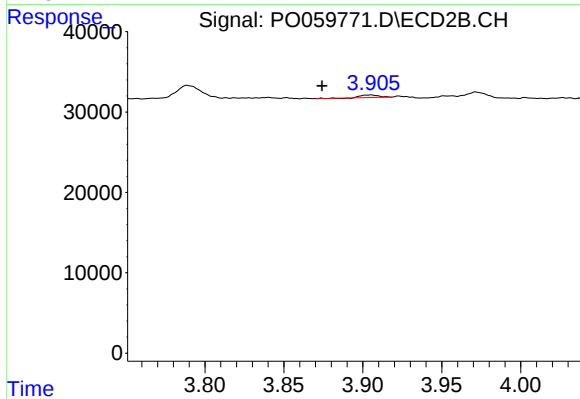
#9 AR-1221-2

R.T.: 3.789 min
Delta R.T.: -0.012 min
Response: 19527
Conc: 64.10 ng/ml



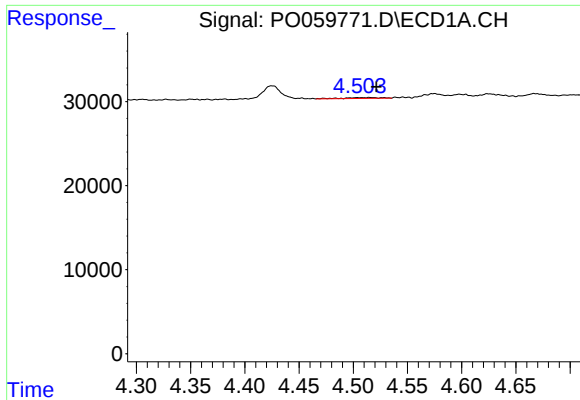
#10 AR-1221-3

R.T.: 4.516 min
Delta R.T.: -0.006 min
Response: 2698
Conc: 2.56 ng/ml



#10 AR-1221-3

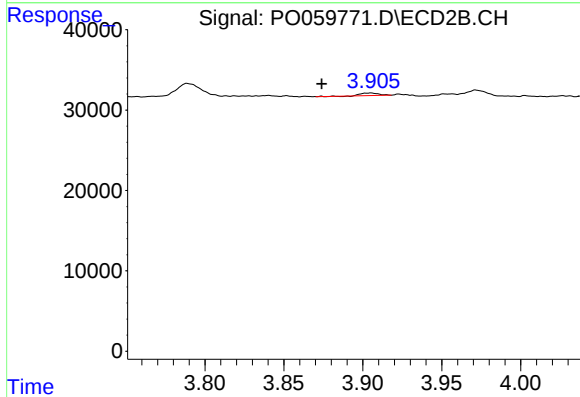
R.T.: 3.905 min
Delta R.T.: 0.031 min
Response: 2384
Conc: 2.44 ng/ml



#11 AR-1232-1

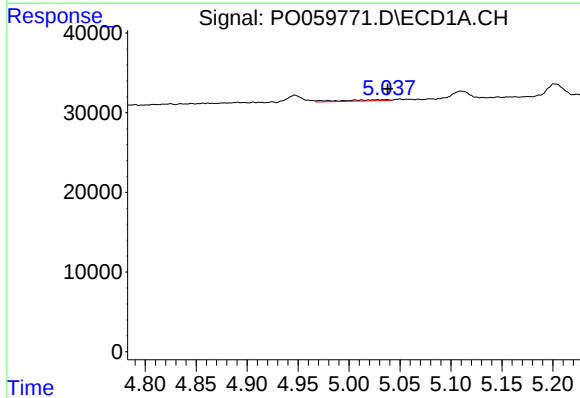
R.T.: 4.516 min
Delta R.T.: -0.006 min
Response: 2698
Conc: 2.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



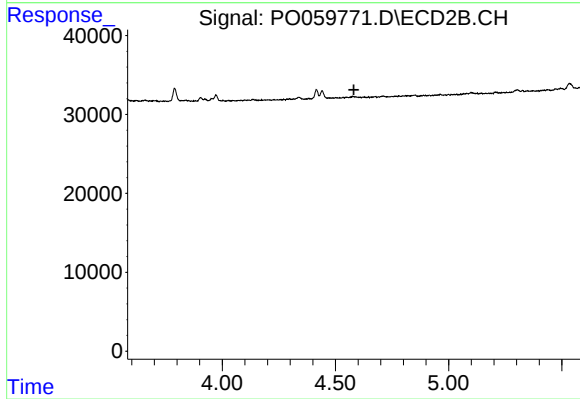
#11 AR-1232-1

R.T.: 3.905 min
Delta R.T.: 0.031 min
Response: 2384
Conc: 2.09 ng/ml



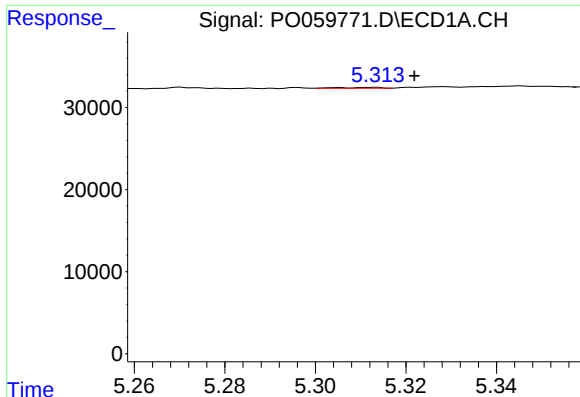
#12 AR-1232-2

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 4548
Conc: 6.44 ng/ml



#12 AR-1232-2

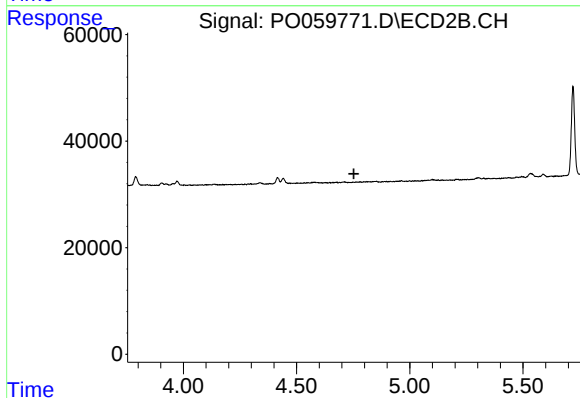
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

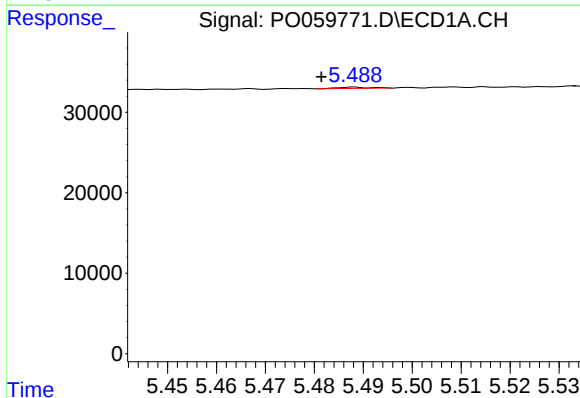
R.T.: 5.313 min
Delta R.T.: -0.009 min
Response: 683
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



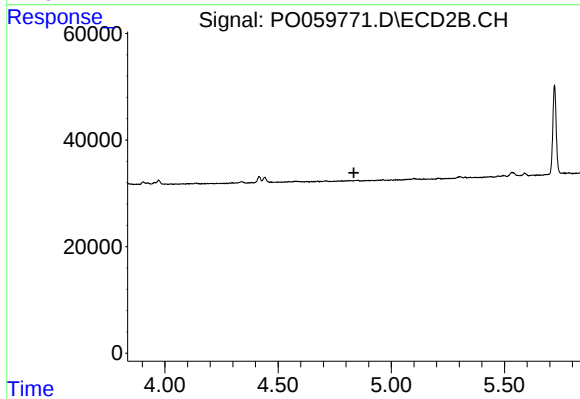
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



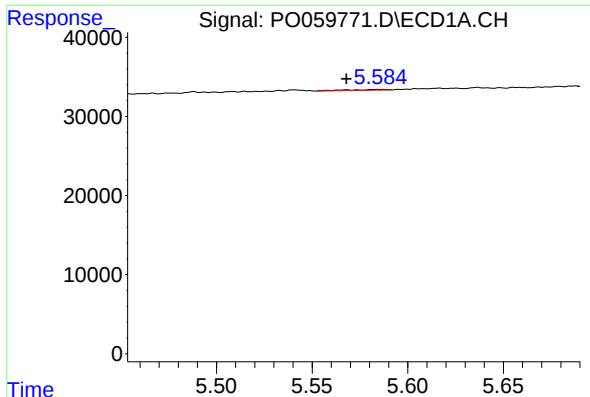
#14 AR-1232-4

R.T.: 5.488 min
Delta R.T.: 0.007 min
Response: 631
Conc: 0.81 ng/ml



#14 AR-1232-4

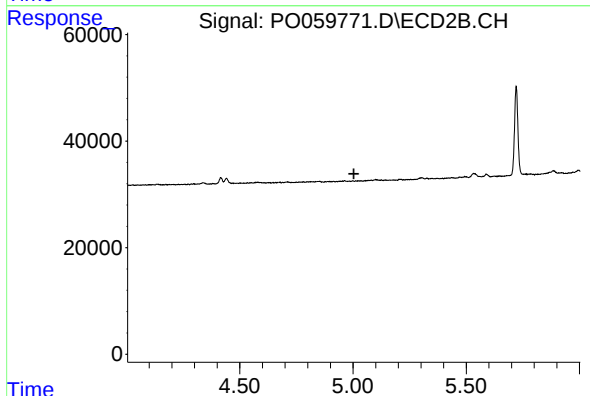
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#15 AR-1232-5

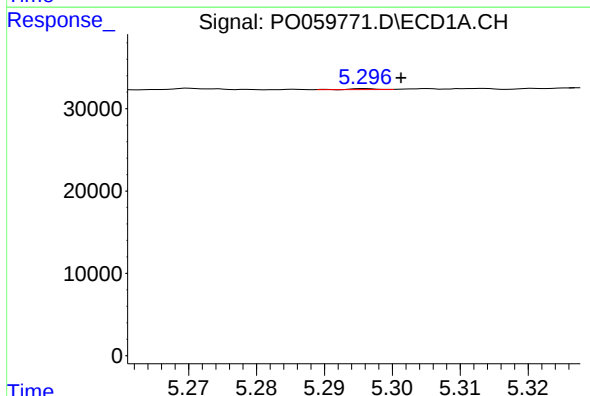
R.T.: 5.585 min
Delta R.T.: 0.017 min
Response: 1489
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



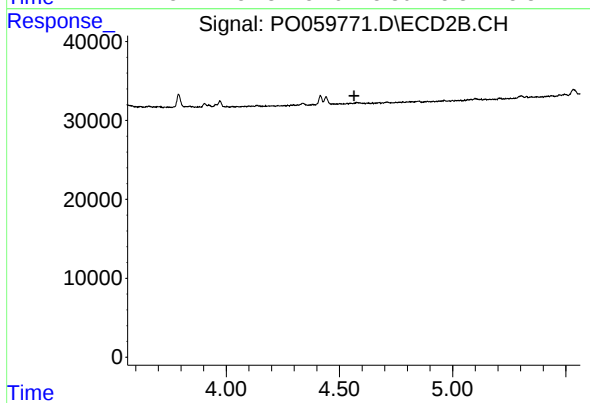
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



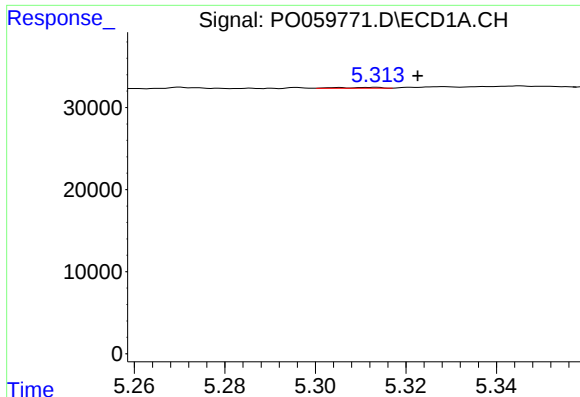
#16 AR-1242-1

R.T.: 5.296 min
Delta R.T.: -0.005 min
Response: 311
Conc: 0.24 ng/ml



#16 AR-1242-1

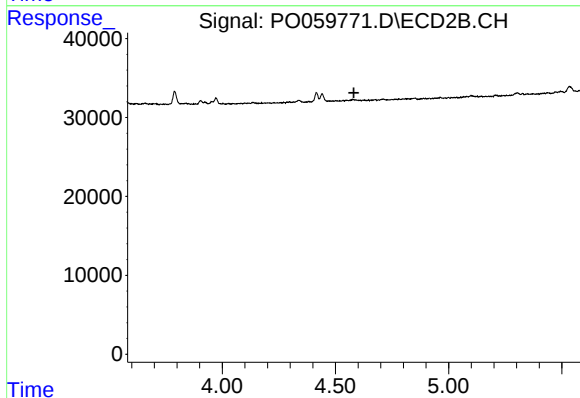
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

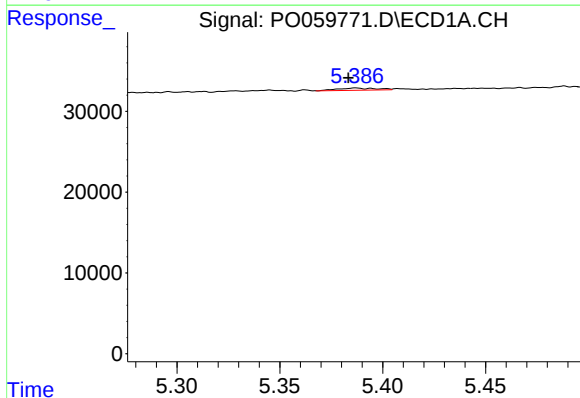
R.T.: 5.313 min
Delta R.T.: -0.010 min
Response: 683
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



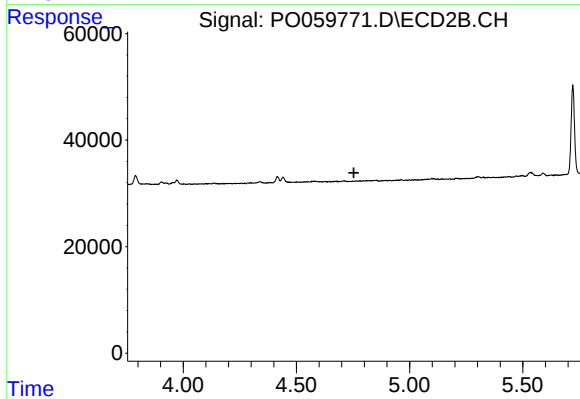
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



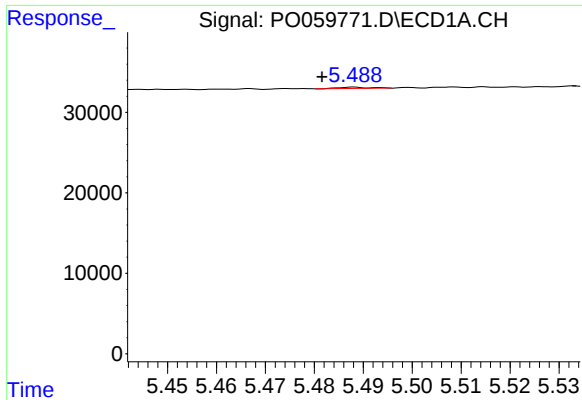
#18 AR-1242-3

R.T.: 5.387 min
Delta R.T.: 0.004 min
Response: 3490
Conc: 2.99 ng/ml



#18 AR-1242-3

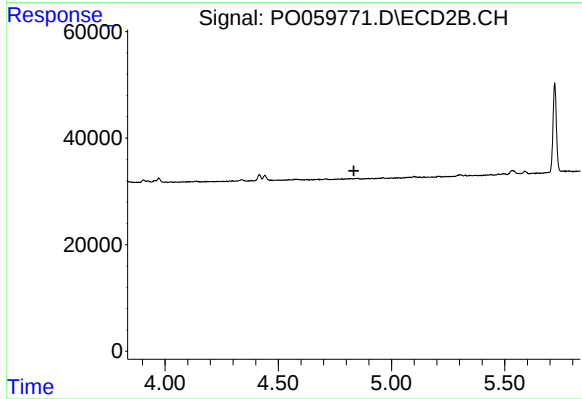
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#19 AR-1242-4

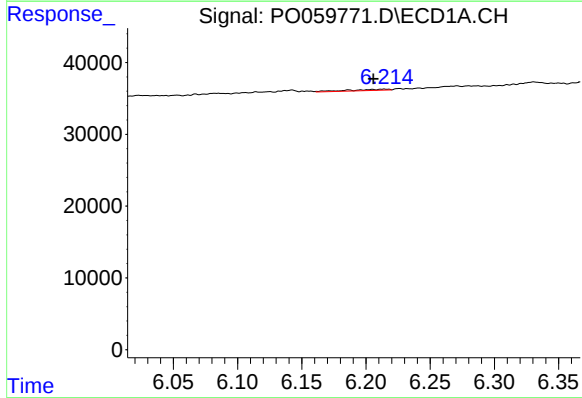
R.T.: 5.488 min
Delta R.T.: 0.006 min
Response: 631
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



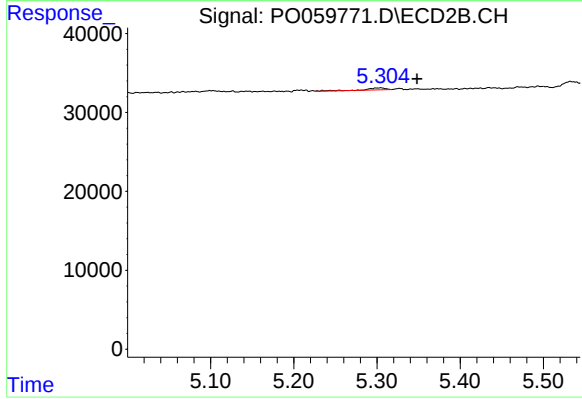
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



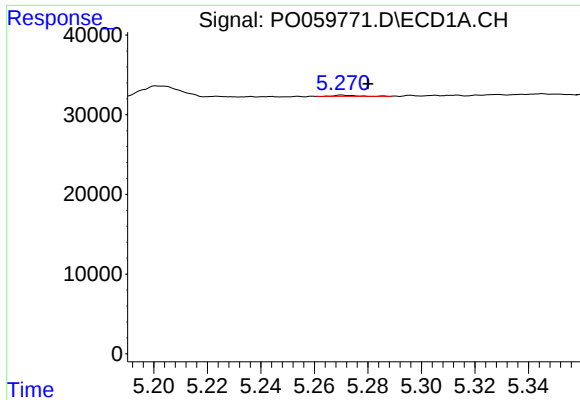
#20 AR-1242-5

R.T.: 6.214 min
Delta R.T.: 0.008 min
Response: 3681
Conc: 2.93 ng/ml



#20 AR-1242-5

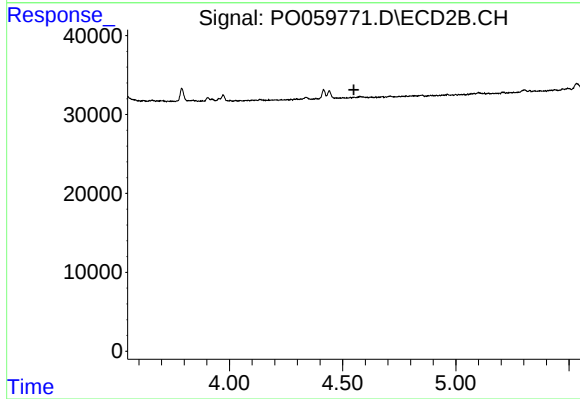
R.T.: 5.305 min
Delta R.T.: -0.043 min
Response: 3950
Conc: 3.53 ng/ml



#21 AR-1248-1

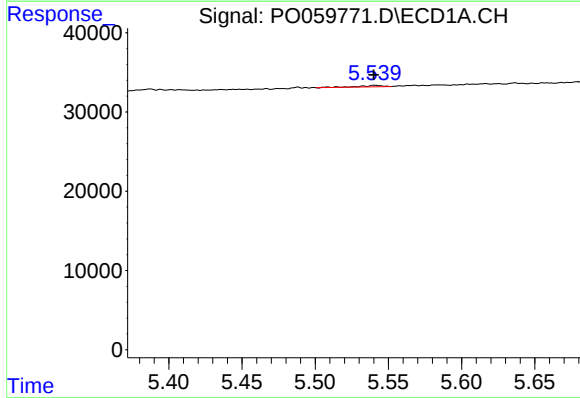
R.T.: 5.271 min
Delta R.T.: -0.009 min
Response: 690
Conc: 0.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



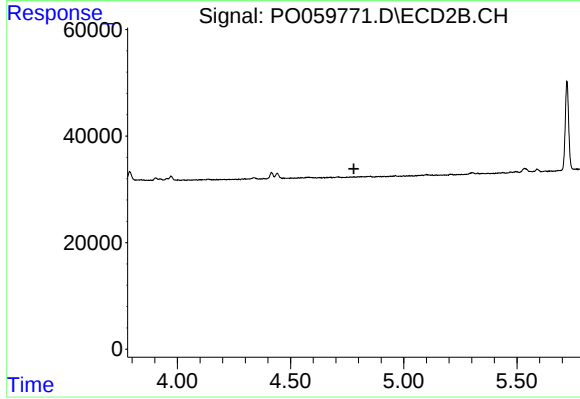
#21 AR-1248-1

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



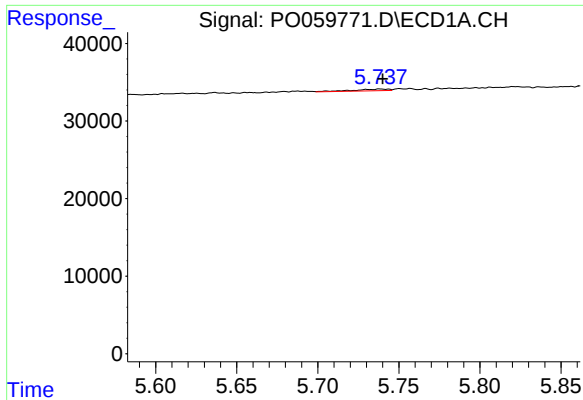
#22 AR-1248-2

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 1803
Conc: 1.24 ng/ml



#22 AR-1248-2

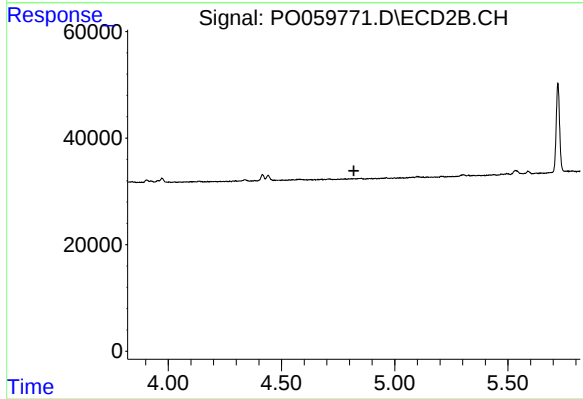
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#23 AR-1248-3

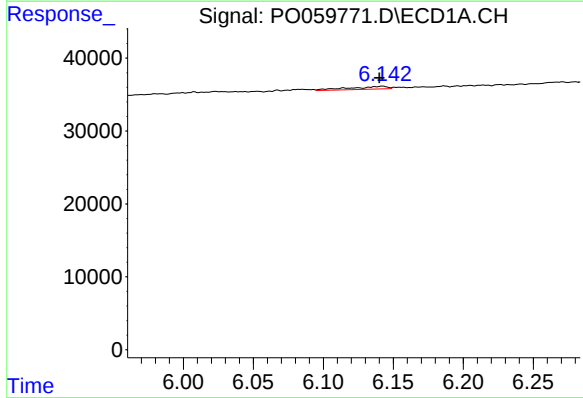
R.T.: 5.739 min
Delta R.T.: -0.001 min
Response: 3006
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



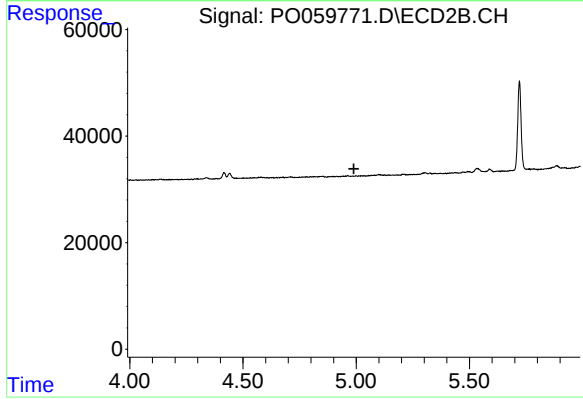
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



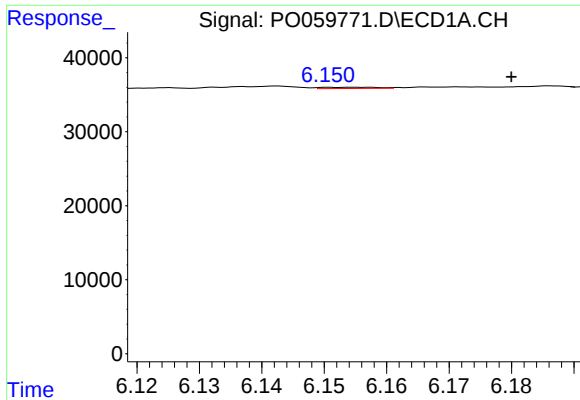
#24 AR-1248-4

R.T.: 6.142 min
Delta R.T.: 0.002 min
Response: 7178
Conc: 3.51 ng/ml



#24 AR-1248-4

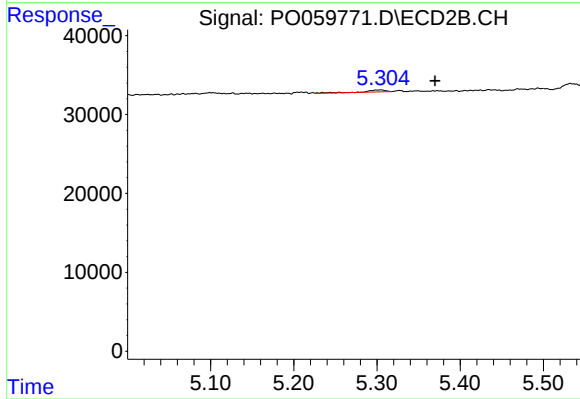
R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



#25 AR-1248-5

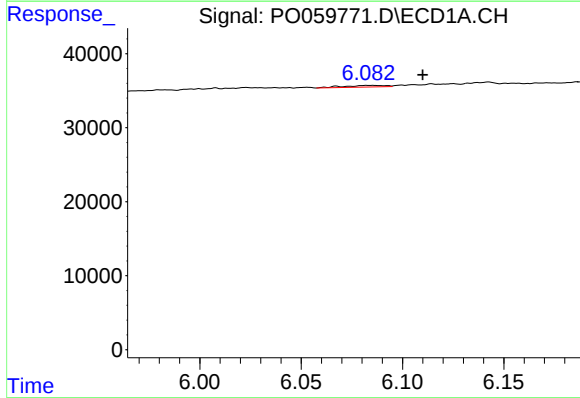
R.T.: 6.155 min
Delta R.T.: -0.025 min
Response: 999
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



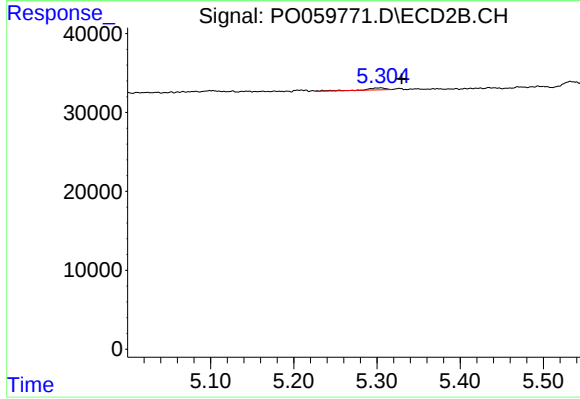
#25 AR-1248-5

R.T.: 5.305 min
Delta R.T.: -0.065 min
Response: 3950
Conc: 2.76 ng/ml



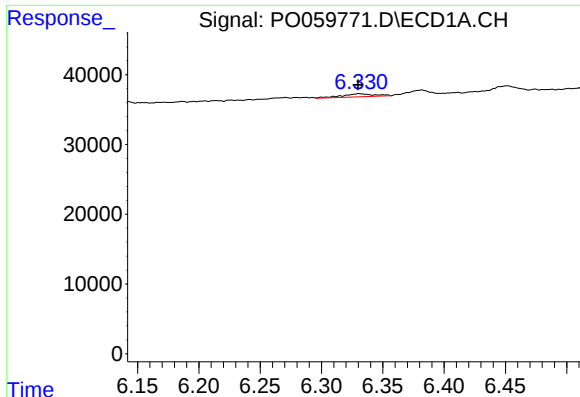
#26 AR-1254-1

R.T.: 6.084 min
Delta R.T.: -0.026 min
Response: 3301
Conc: 1.58 ng/ml



#26 AR-1254-1

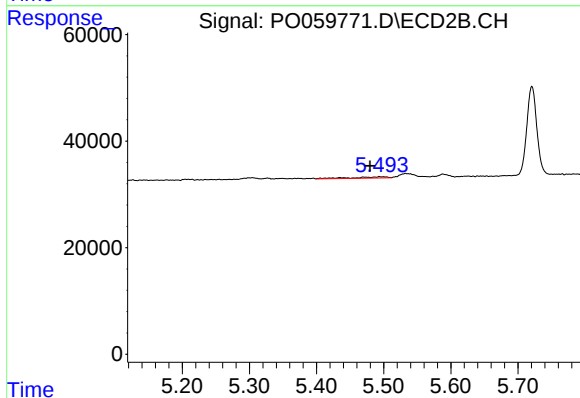
R.T.: 5.305 min
Delta R.T.: -0.025 min
Response: 3950
Conc: 1.67 ng/ml



#27 AR-1254-2

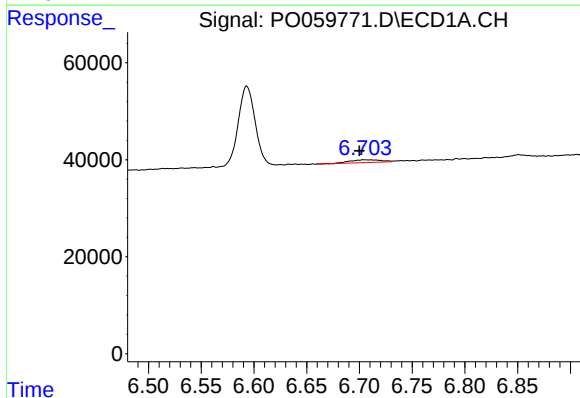
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 7928
Conc: 2.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



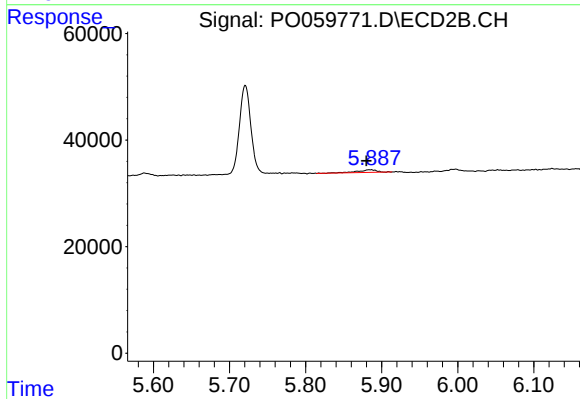
#27 AR-1254-2

R.T.: 5.494 min
Delta R.T.: 0.014 min
Response: 8569
Conc: 4.08 ng/ml



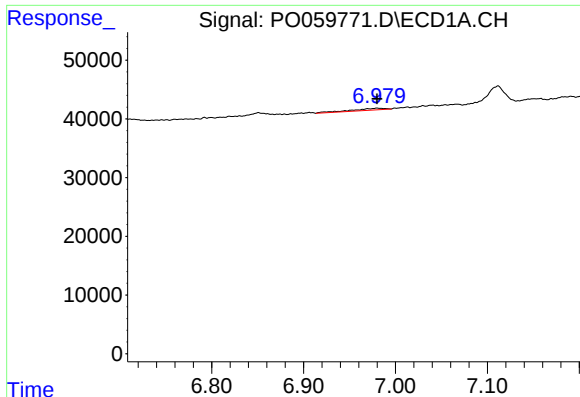
#28 AR-1254-3

R.T.: 6.704 min
Delta R.T.: 0.004 min
Response: 12232
Conc: 3.45 ng/ml



#28 AR-1254-3

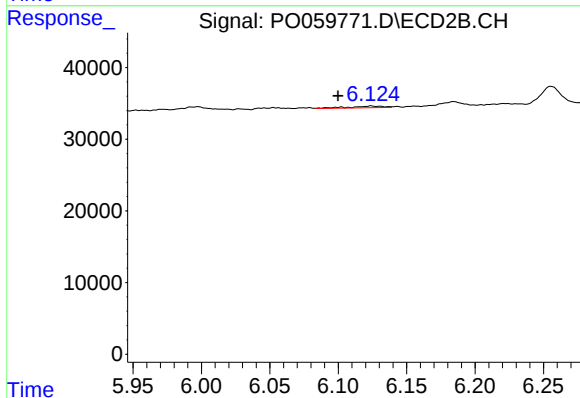
R.T.: 5.885 min
Delta R.T.: 0.005 min
Response: 9063
Conc: 2.70 ng/ml



#29 AR-1254-4

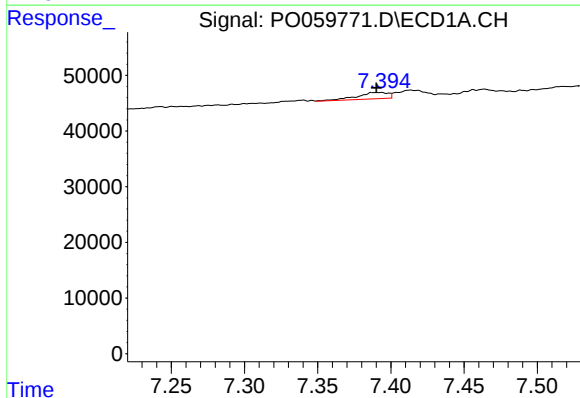
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 7942
Conc: 2.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



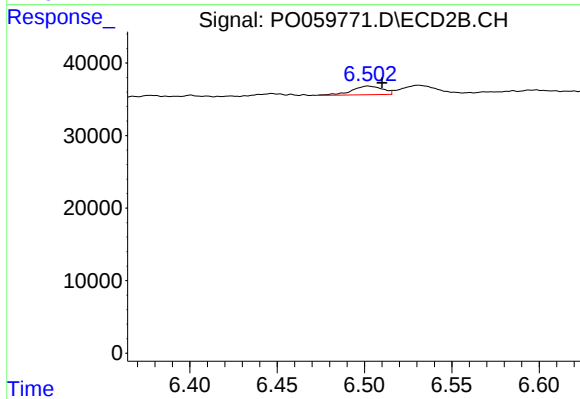
#29 AR-1254-4

R.T.: 6.124 min
Delta R.T.: 0.024 min
Response: 3996
Conc: 1.94 ng/ml



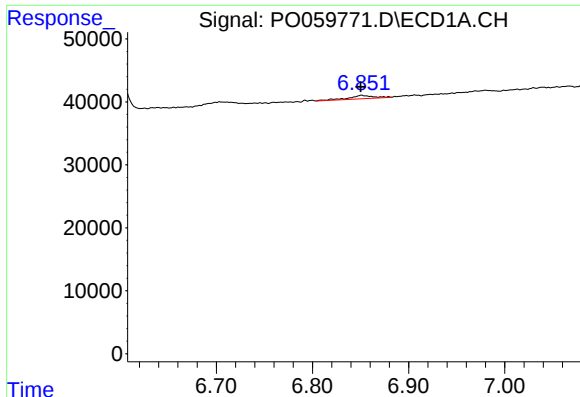
#30 AR-1254-5

R.T.: 7.392 min
Delta R.T.: 0.002 min
Response: 17014
Conc: 5.50 ng/ml



#30 AR-1254-5

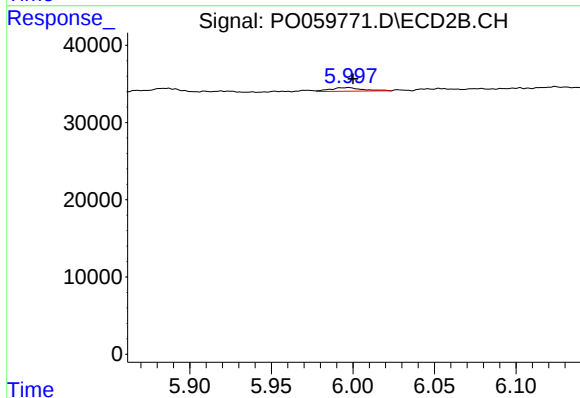
R.T.: 6.502 min
Delta R.T.: -0.008 min
Response: 14413
Conc: 4.64 ng/ml



#31 AR-1260-1

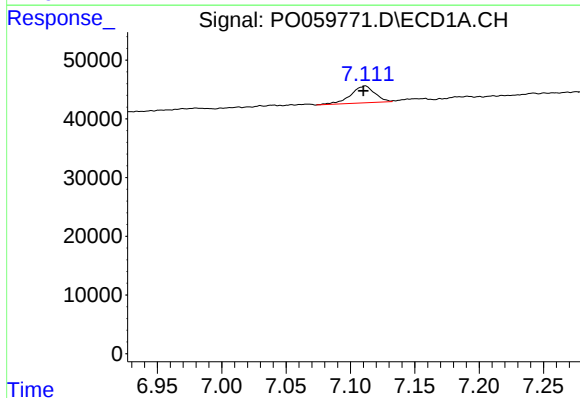
R.T.: 6.851 min
Delta R.T.: 0.001 min
Response: 9994
Conc: 3.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



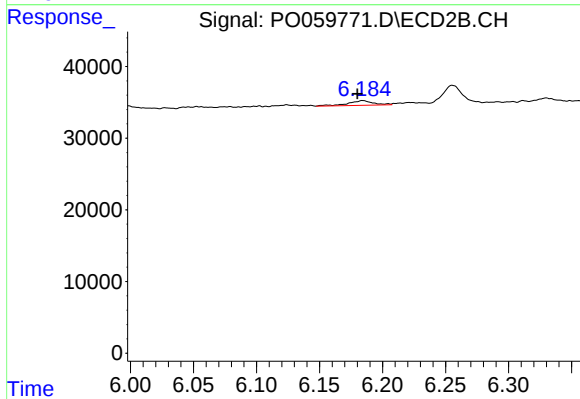
#31 AR-1260-1

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 6495
Conc: 2.85 ng/ml



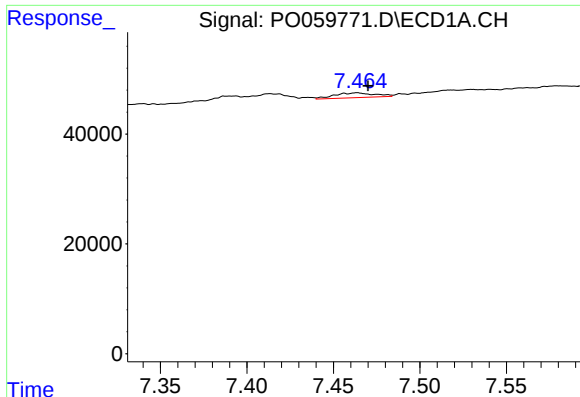
#32 AR-1260-2

R.T.: 7.112 min
Delta R.T.: 0.002 min
Response: 37245
Conc: 10.04 ng/ml



#32 AR-1260-2

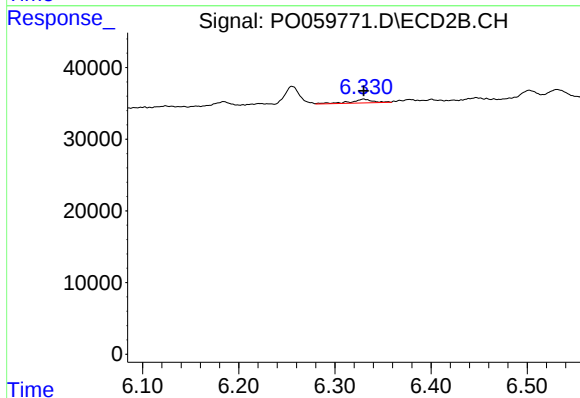
R.T.: 6.185 min
Delta R.T.: 0.005 min
Response: 9067
Conc: 3.09 ng/ml



#33 AR-1260-3

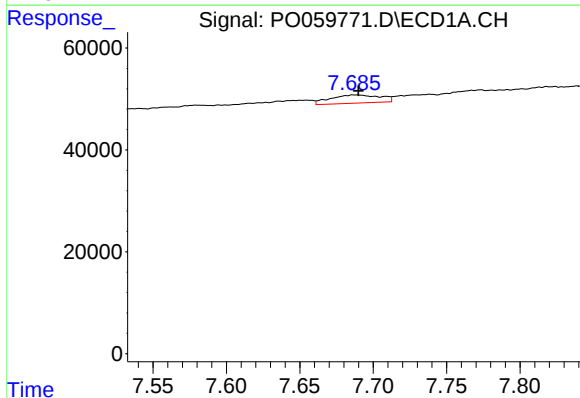
R.T.: 7.464 min
Delta R.T.: -0.006 min
Response: 14153
Conc: 4.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



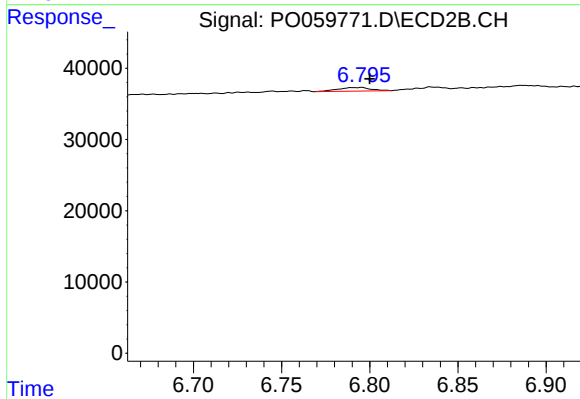
#33 AR-1260-3

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 8378
Conc: 3.16 ng/ml



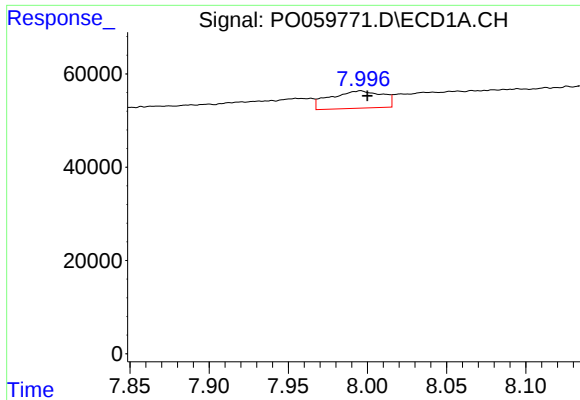
#34 AR-1260-4

R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 38242
Conc: 12.45 ng/ml



#34 AR-1260-4

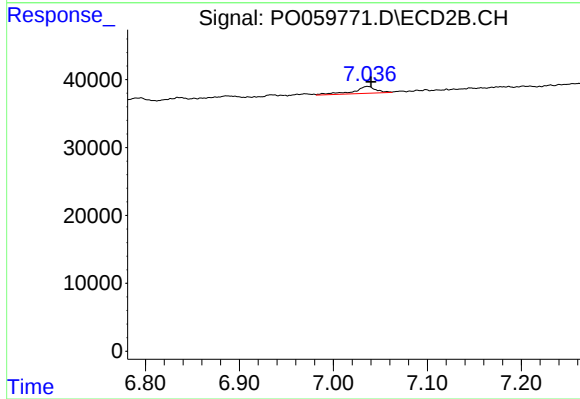
R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 6606
Conc: 2.92 ng/ml



#35 AR-1260-5

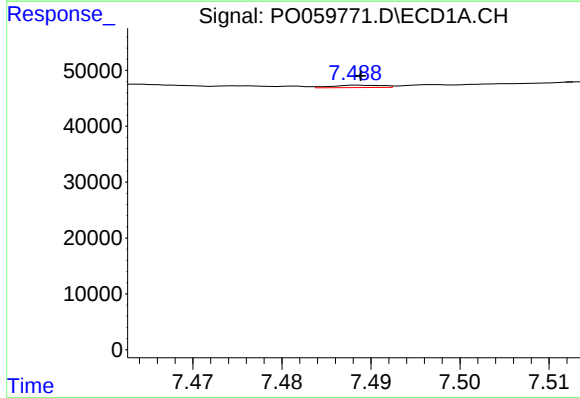
R.T.: 7.996 min
Delta R.T.: -0.004 min
Response: 85308
Conc: 12.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



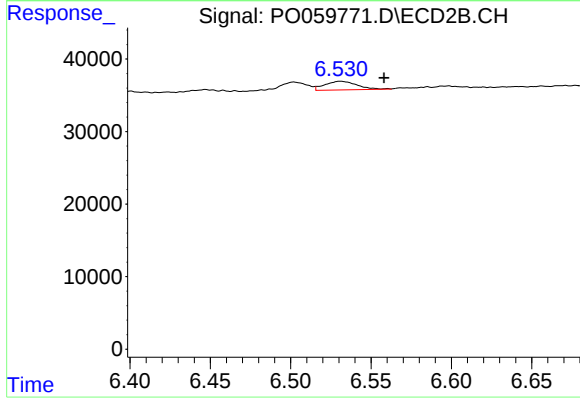
#35 AR-1260-5

R.T.: 7.036 min
Delta R.T.: -0.004 min
Response: 16742
Conc: 3.04 ng/ml



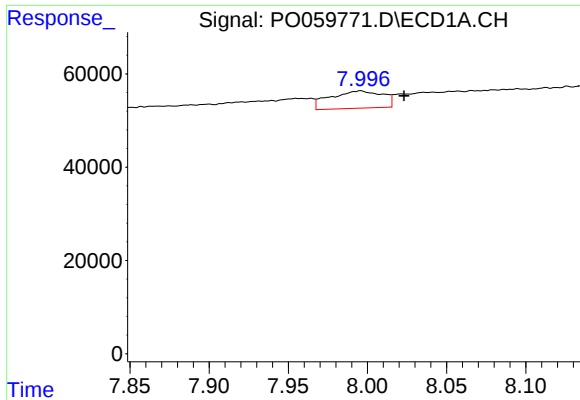
#36 AR-1262-1

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 1672
Conc: 0.34 ng/ml



#36 AR-1262-1

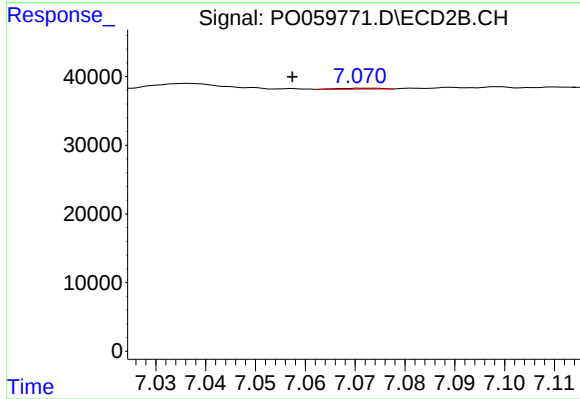
R.T.: 6.531 min
Delta R.T.: -0.027 min
Response: 16648
Conc: 4.47 ng/ml



#37 AR-1262-2

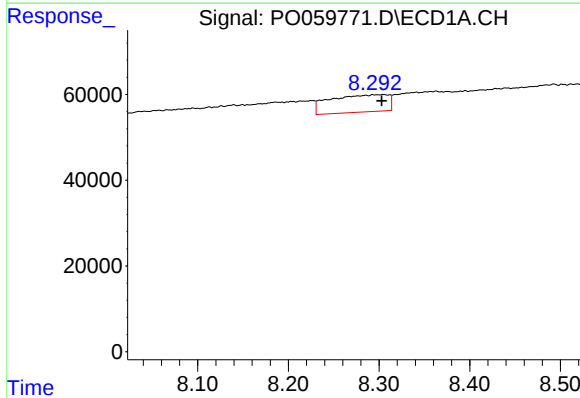
R.T.: 7.996 min
Delta R.T.: -0.027 min
Response: 85308
Conc: 11.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



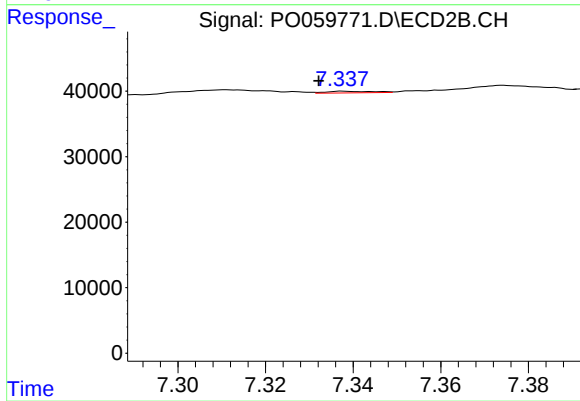
#37 AR-1262-2

R.T.: 7.073 min
Delta R.T.: 0.015 min
Response: 792
Conc: 0.13 ng/ml



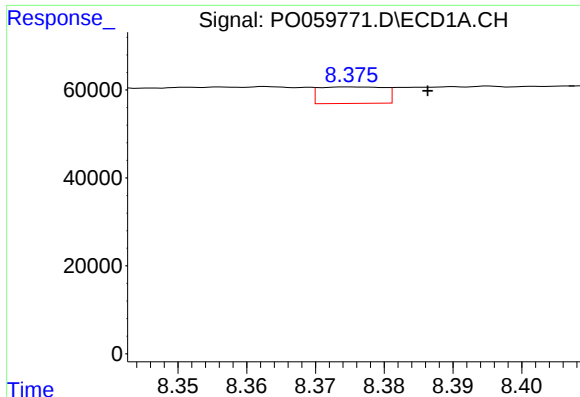
#38 AR-1262-3

R.T.: 8.305 min
Delta R.T.: 0.002 min
Response: 181131
Conc: 35.50 ng/ml



#38 AR-1262-3

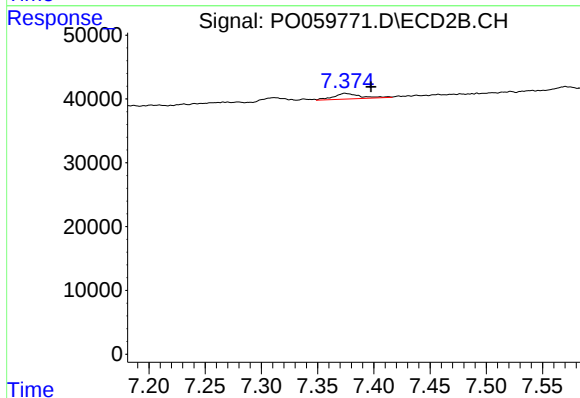
R.T.: 7.338 min
Delta R.T.: 0.006 min
Response: 1784
Conc: 0.70 ng/ml



#39 AR-1262-4

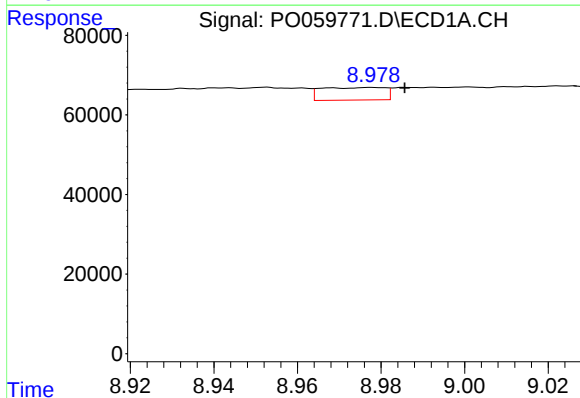
R.T.: 8.375 min
Delta R.T.: -0.011 min
Response: 24593
Conc: 6.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



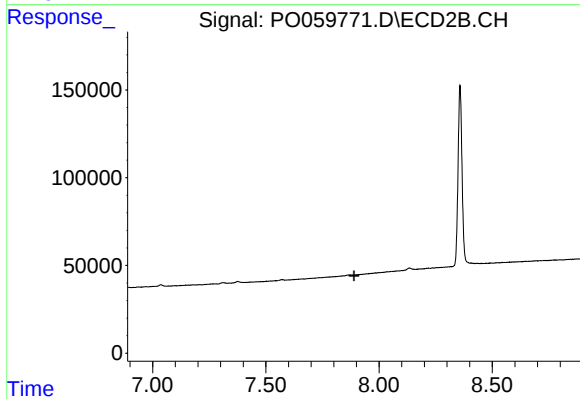
#39 AR-1262-4

R.T.: 7.375 min
Delta R.T.: -0.023 min
Response: 14317
Conc: 3.24 ng/ml



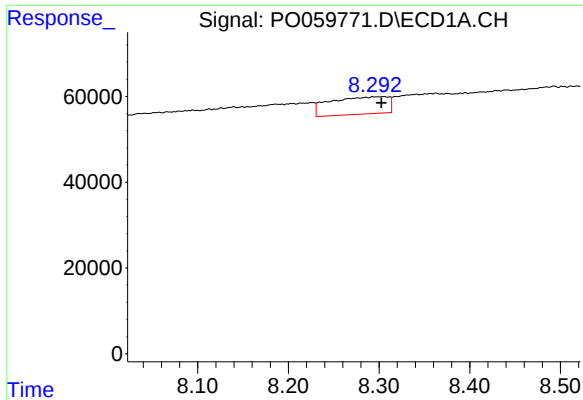
#40 AR-1262-5

R.T.: 8.978 min
Delta R.T.: -0.008 min
Response: 33273
Conc: 12.96 ng/ml



#40 AR-1262-5

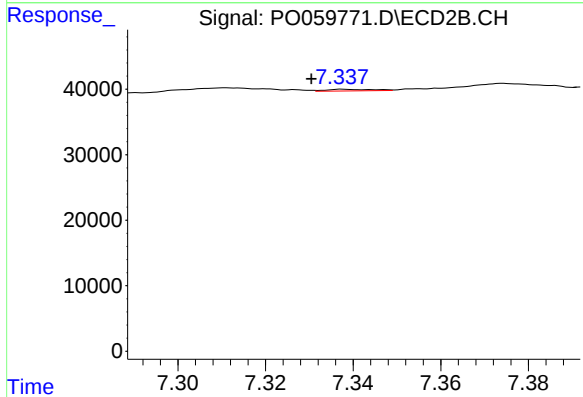
R.T.: 0.000 min
Exp R.T.: 7.889 min
Response: 0
Conc: N.D.



#41 AR-1268-1

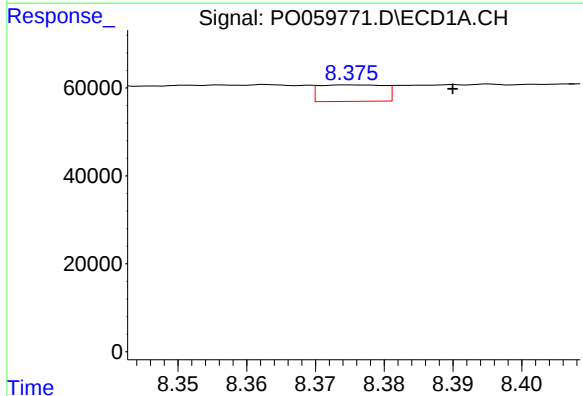
R.T.: 8.305 min
Delta R.T.: 0.002 min
Response: 181131
Conc: 19.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



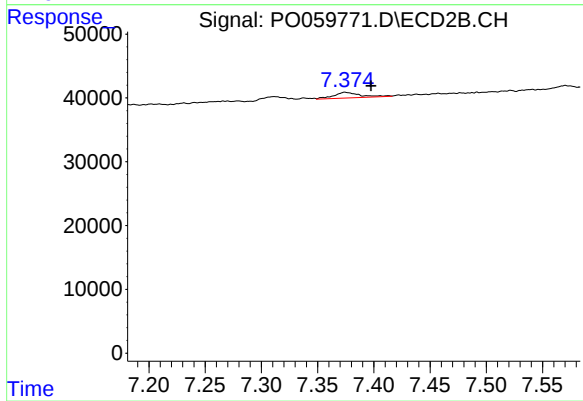
#41 AR-1268-1

R.T.: 7.338 min
Delta R.T.: 0.007 min
Response: 1784
Conc: 0.25 ng/ml



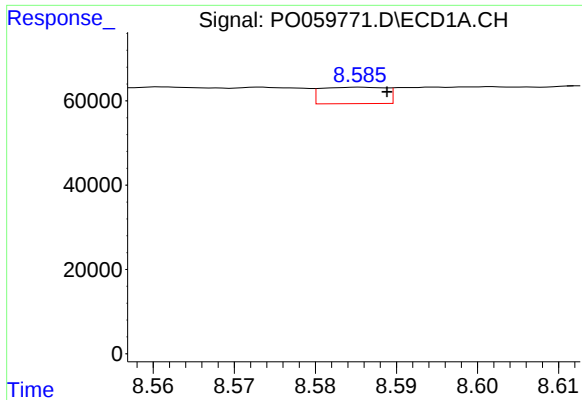
#42 AR-1268-2

R.T.: 8.375 min
Delta R.T.: -0.015 min
Response: 24593
Conc: 3.12 ng/ml



#42 AR-1268-2

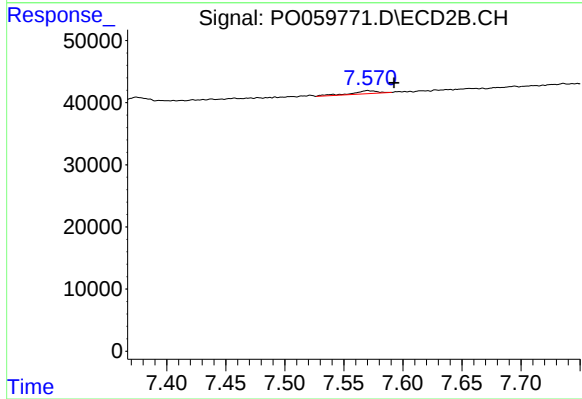
R.T.: 7.375 min
Delta R.T.: -0.023 min
Response: 14317
Conc: 2.22 ng/ml



#43 AR-1268-3

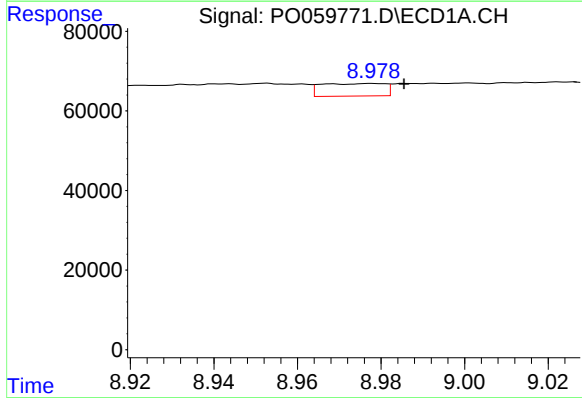
R.T.: 8.586 min
Delta R.T.: -0.003 min
Response: 21695
Conc: 3.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



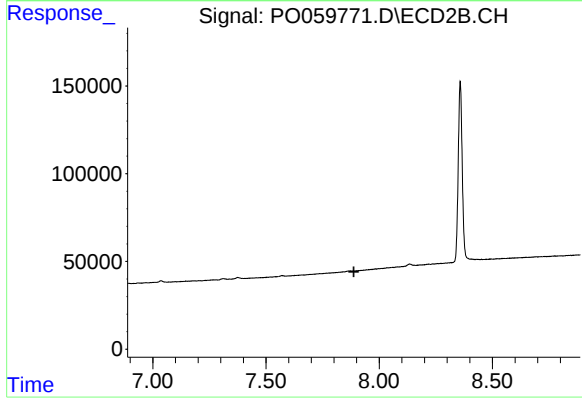
#43 AR-1268-3

R.T.: 7.570 min
Delta R.T.: -0.022 min
Response: 7230
Conc: 1.32 ng/ml



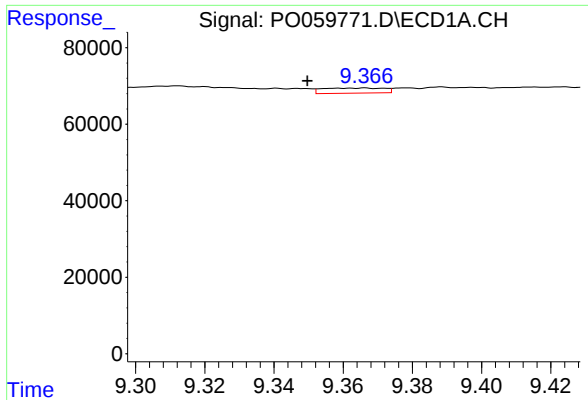
#44 AR-1268-4

R.T.: 8.978 min
Delta R.T.: -0.008 min
Response: 33273
Conc: 11.97 ng/ml



#44 AR-1268-4

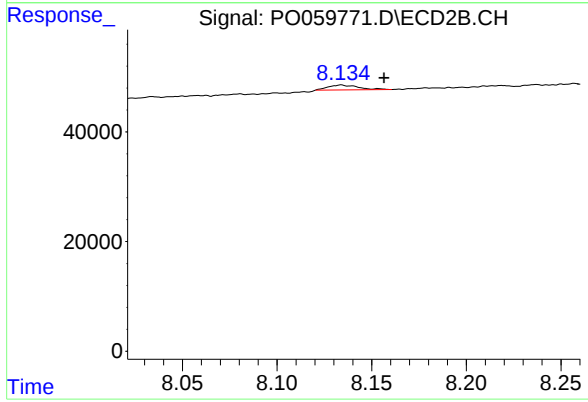
R.T.: 0.000 min
Exp R.T.: 7.888 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.366 min
Delta R.T.: 0.016 min
Response: 16348
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.134 min
Delta R.T.: -0.023 min
Response: 9815
Conc: 0.68 ng/ml