

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
 Data File : P0060428.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Sep 2019 15:08
 Operator : SM/AJ
 Sample : K4655-07RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 17:07:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 06 16:33:49 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...	4.108	3.487	1012094	817954	28.907	22.724
2)	SA Decachlor...	9.555	8.337	1073126	806483	20.171	20.002
Target Compounds							
3)	L1 AR-1016-1	5.304	0.000	39180	0	24.428	N.D. #
4)	L1 AR-1016-2	5.304	0.000	39180	0	16.376	N.D. #
5)	L1 AR-1016-3	5.362	0.000	14747	0	9.900	N.D. #
6)	L1 AR-1016-4	5.387	0.000	6785	0	5.609	N.D. #
7)	L1 AR-1016-5	5.717	0.000	19926	0	15.517	N.D. #
8)	L2 AR-1221-1	4.408	0.000	54172	0	127.924	N.D. #
9)	L2 AR-1221-2	4.408	0.000	54172	0	166.789	N.D. #
10)	L2 AR-1221-3	4.481	0.000	57118	0	54.302	N.D. #
11)	L3 AR-1232-1	4.481	0.000	57118	0	45.825	N.D. #
12)	L3 AR-1232-2	4.990	0.000	62347	0	88.261	N.D. #
13)	L3 AR-1232-3	5.304	0.000	39180	0	25.585	N.D. #
14)	L3 AR-1232-4	5.523	0.000	3365	0	4.304	N.D. #
15)	L3 AR-1232-5	5.628	0.000	21807	0	36.276	N.D. #
16)	L4 AR-1242-1	5.304	0.000	39180	0	30.862	N.D. #
17)	L4 AR-1242-2	5.304	0.000	39180	0	21.114	N.D. #
18)	L4 AR-1242-3	5.362	0.000	14747	0	12.616	N.D. #
19)	L4 AR-1242-4	5.523	0.000	3365	0	3.477	N.D. #
20)	L4 AR-1242-5	6.202	5.315	1956	47211	1.556	42.206 #
21)	L5 AR-1248-1	5.304	0.000	39180	0	39.080	N.D. #
22)	L5 AR-1248-2	5.523	0.000	3365	0	2.319	N.D. #
23)	L5 AR-1248-3	5.717	0.000	19926	0	11.989	N.D. #
24)	L5 AR-1248-4	6.158	0.000	25796	0	12.620	N.D. #
25)	L5 AR-1248-5	6.158	5.315	25796	47211	13.008	32.985 #
26)	L6 AR-1254-1	6.121	5.315	34241	47211	16.411	19.905
27)	L6 AR-1254-2	6.307	5.481	187205	59535	56.112	28.373 #
28)	L6 AR-1254-3	6.672	5.853	215961	257053	60.861	76.447 #
29)	L6 AR-1254-4	6.953	6.106	178301	41918	60.533	20.331 #
30)	L6 AR-1254-5	7.367	6.511	342380	50533	110.717	16.275 #
31)	L7 AR-1260-1	6.827	5.979	110282	97772	40.908	42.903
32)	L7 AR-1260-2	7.086	6.166	361271	150594	97.365	51.399 #
33)	L7 AR-1260-3	7.433	6.313	104446	119746	31.879	45.202 #
34)	L7 AR-1260-4	7.658	6.776	205616	33815	66.947	14.945 #
35)	L7 AR-1260-5	7.968	7.017	282565	116797	39.905	21.223 #
36)	L8 AR-1262-1	7.491	6.511	92064	50533	18.971	13.556 #
37)	L8 AR-1262-2	8.026	7.017	60459	116797	7.836	19.867 #
38)	L8 AR-1262-3	8.315	7.293	214556	38299	42.051	15.073 #
39)	L8 AR-1262-4	8.315	7.357	214556	87640	55.660	19.833 #
40)	L8 AR-1262-5	8.917	7.849	157083	103733	61.204	57.452
41)	L9 AR-1268-1	8.315	7.293	214556	38299	22.799	5.378 #

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 ALS Vial : 11 Sample Multiplier: 1

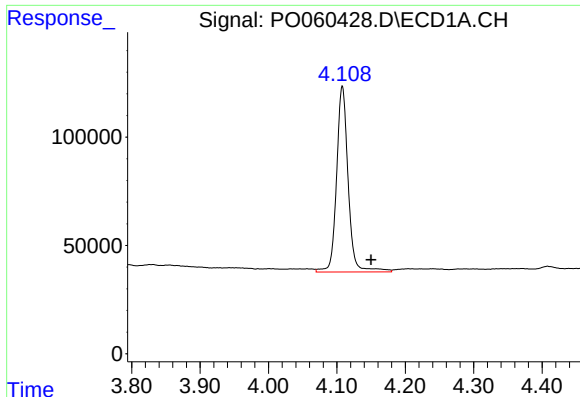
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 17:07:29 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
42) L9	AR-1268-2	8.315	7.357	214556	87640	27.219	13.592 #
43) L9	AR-1268-3	8.626	0.000	69550	0	9.867	N.D. #
44) L9	AR-1268-4	8.917	7.849	157083	103733	56.504	50.817
45) L9	AR-1268-5	9.355	8.115	44732	46304	2.426	3.187 #

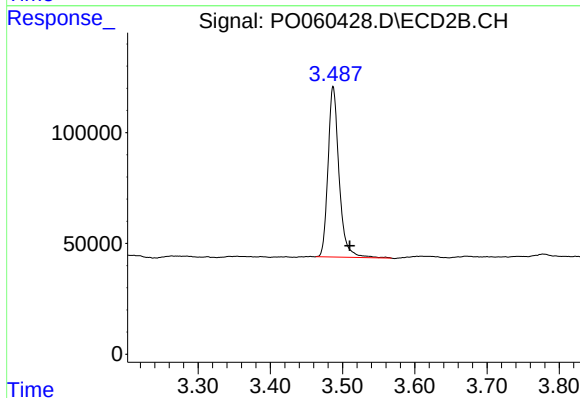
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

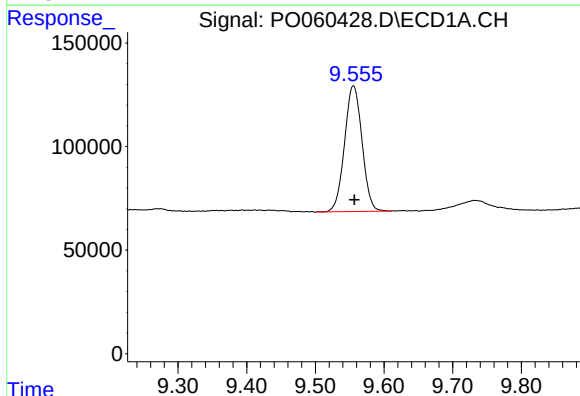
R.T.: 4.108 min
Delta R.T.: -0.042 min
Response: 1012094
Conc: 28.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



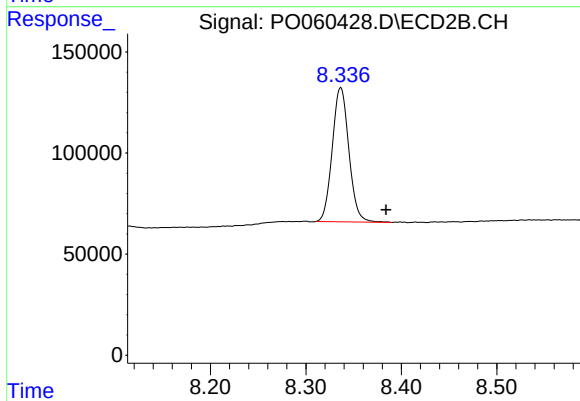
#1 Tetrachloro-m-xylene

R.T.: 3.487 min
Delta R.T.: -0.023 min
Response: 817954
Conc: 22.72 ng/ml



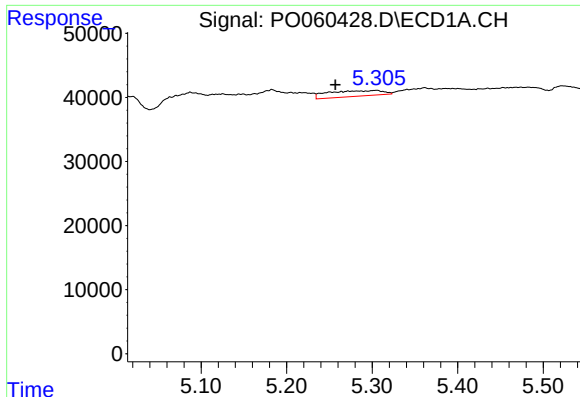
#2 Decachlorobiphenyl

R.T.: 9.555 min
Delta R.T.: -0.002 min
Response: 1073126
Conc: 20.17 ng/ml



#2 Decachlorobiphenyl

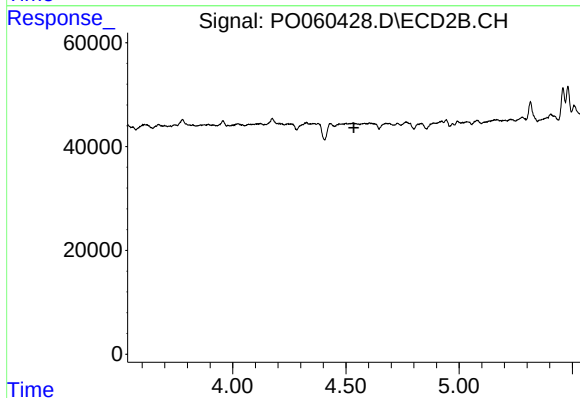
R.T.: 8.337 min
Delta R.T.: -0.048 min
Response: 806483
Conc: 20.00 ng/ml



#3 AR-1016-1

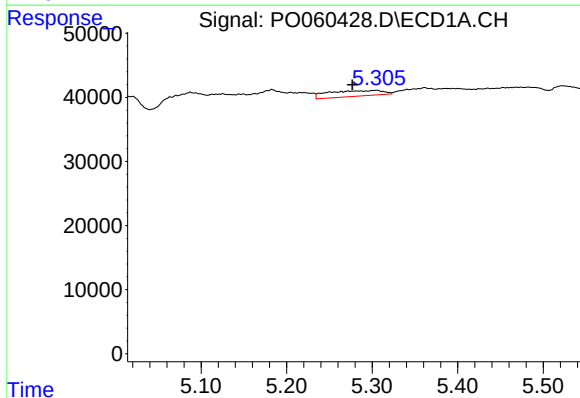
R.T.: 5.304 min
Delta R.T.: 0.047 min
Response: 39180
Conc: 24.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



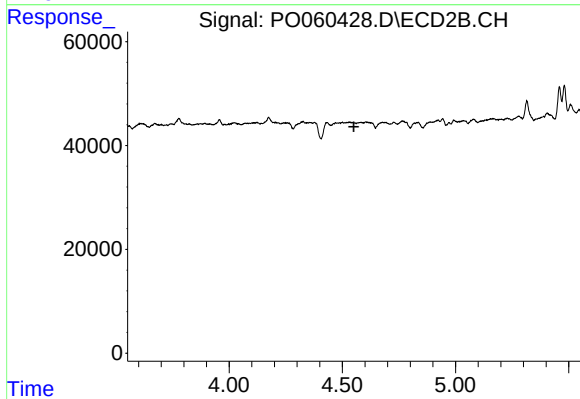
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.535 min
Response: 0
Conc: N.D.



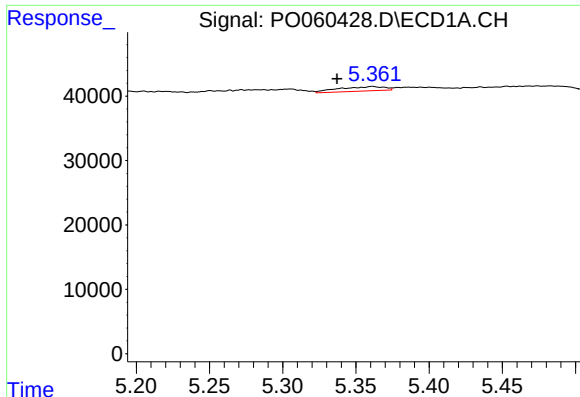
#4 AR-1016-2

R.T.: 5.304 min
Delta R.T.: 0.027 min
Response: 39180
Conc: 16.38 ng/ml



#4 AR-1016-2

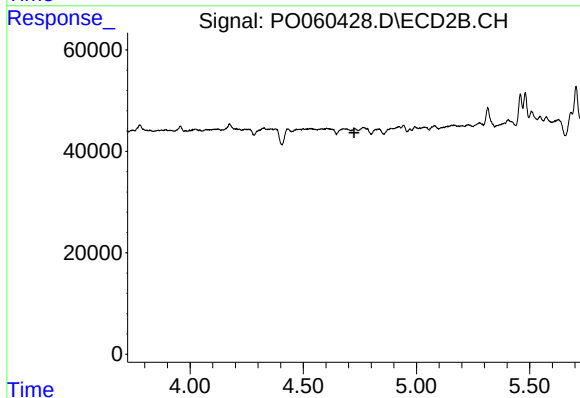
R.T.: 0.000 min
Exp R.T. : 4.551 min
Response: 0
Conc: N.D.



#5 AR-1016-3

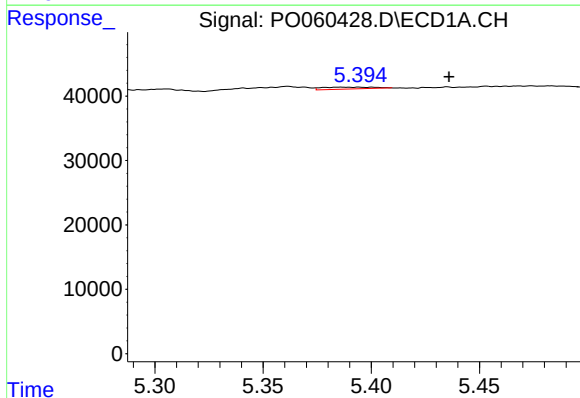
R.T.: 5.362 min
Delta R.T.: 0.025 min
Response: 14747
Conc: 9.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



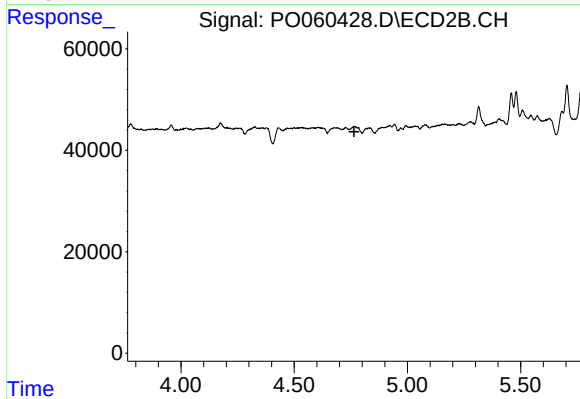
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.724 min
Response: 0
Conc: N.D.



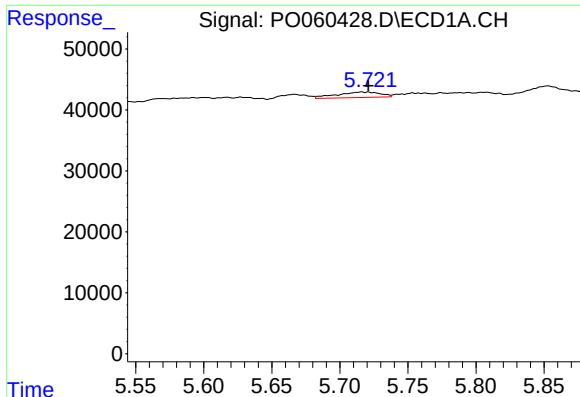
#6 AR-1016-4

R.T.: 5.387 min
Delta R.T.: -0.049 min
Response: 6785
Conc: 5.61 ng/ml



#6 AR-1016-4

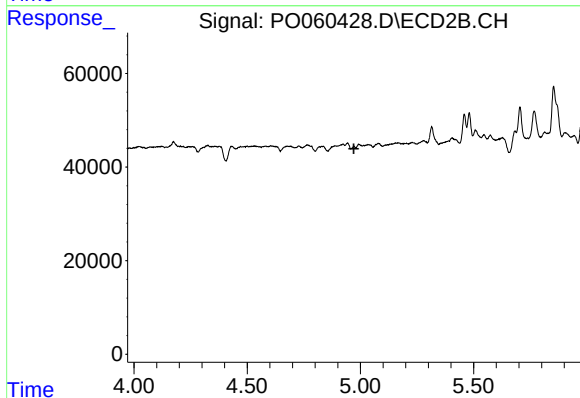
R.T.: 0.000 min
Exp R.T. : 4.764 min
Response: 0
Conc: N.D.



#7 AR-1016-5

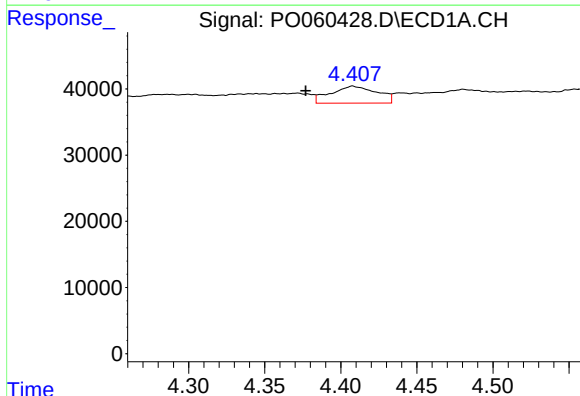
R.T.: 5.717 min
Delta R.T.: -0.004 min
Response: 19926
Conc: 15.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



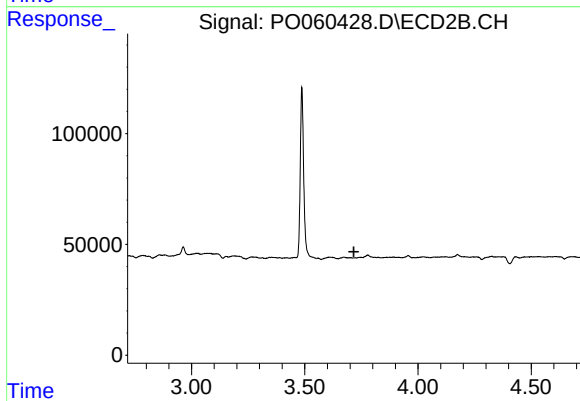
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.971 min
Response: 0
Conc: N.D.



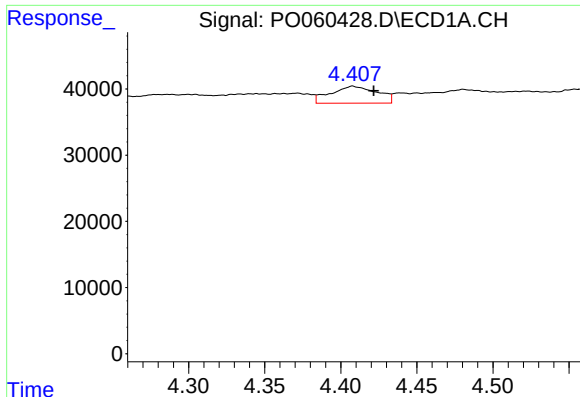
#8 AR-1221-1

R.T.: 4.408 min
Delta R.T.: 0.031 min
Response: 54172
Conc: 127.92 ng/ml



#8 AR-1221-1

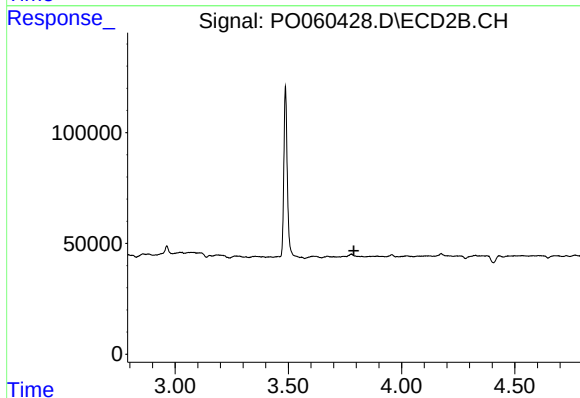
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

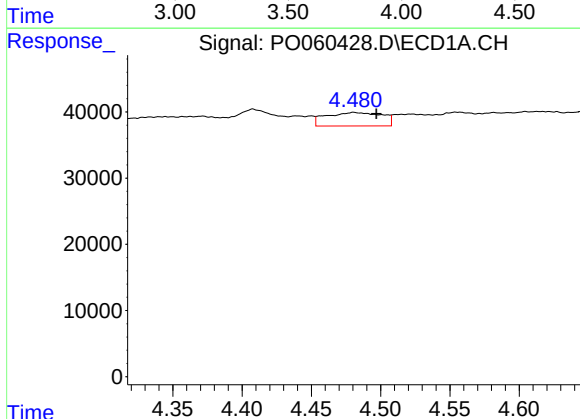
R.T.: 4.408 min
Delta R.T.: -0.014 min
Response: 54172
Conc: 166.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



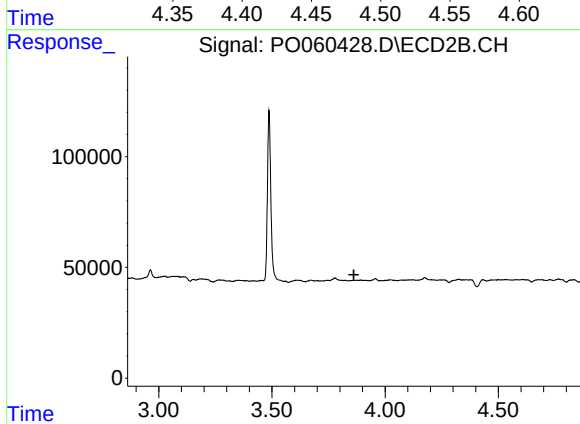
#9 AR-1221-2

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



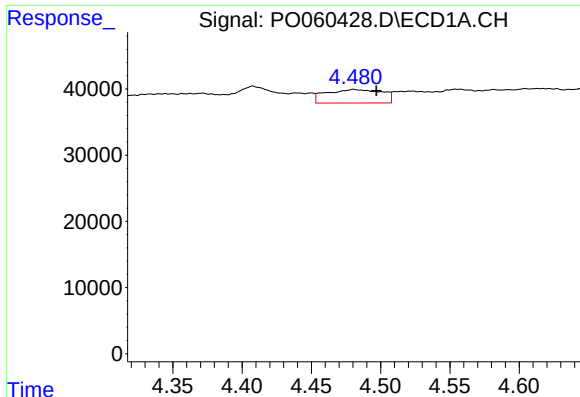
#10 AR-1221-3

R.T.: 4.481 min
Delta R.T.: -0.016 min
Response: 57118
Conc: 54.30 ng/ml



#10 AR-1221-3

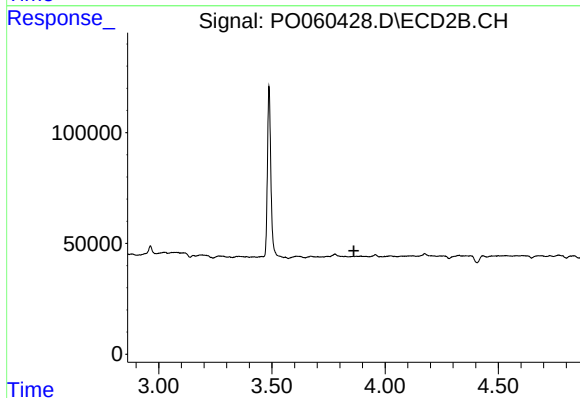
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

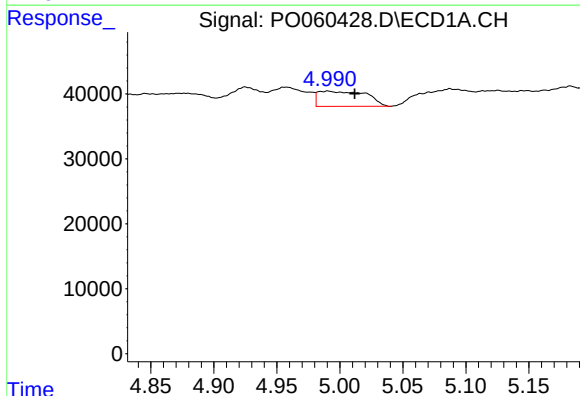
R.T.: 4.481 min
Delta R.T.: -0.016 min
Response: 57118
Conc: 45.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



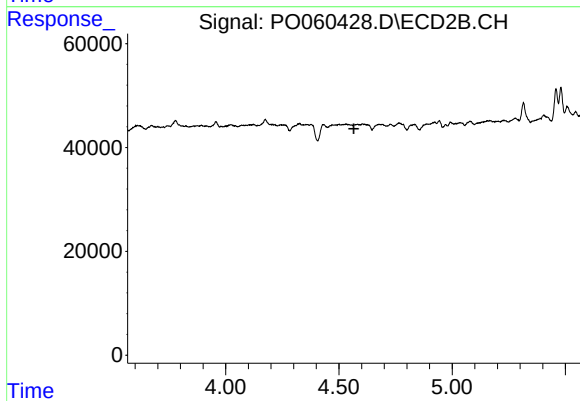
#11 AR-1232-1

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



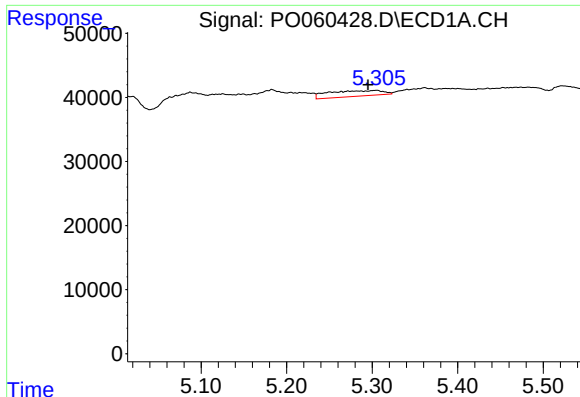
#12 AR-1232-2

R.T.: 4.990 min
Delta R.T.: -0.022 min
Response: 62347
Conc: 88.26 ng/ml



#12 AR-1232-2

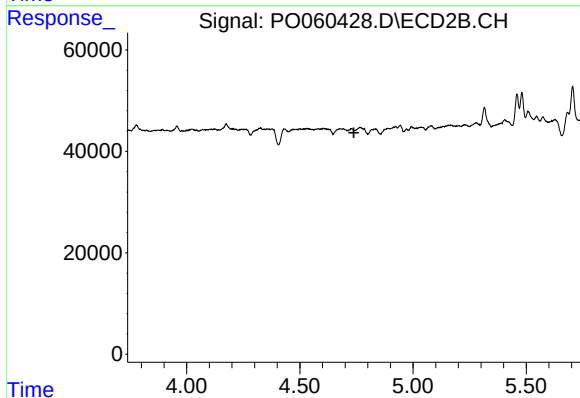
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

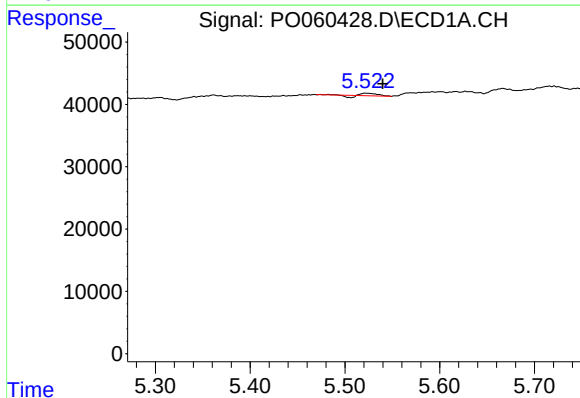
R.T.: 5.304 min
Delta R.T.: 0.009 min
Response: 39180
Conc: 25.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



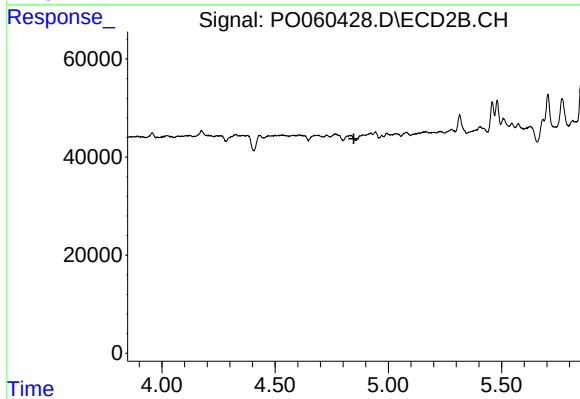
#13 AR-1232-3

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



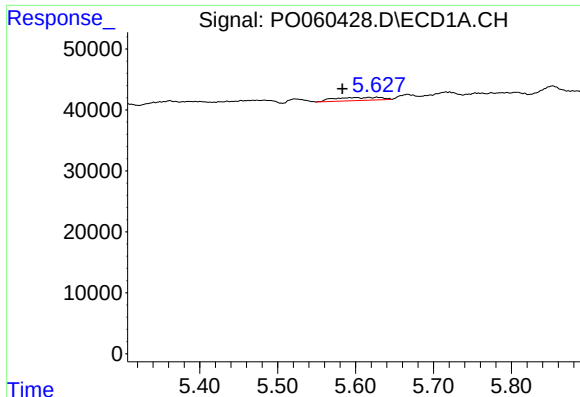
#14 AR-1232-4

R.T.: 5.523 min
Delta R.T.: -0.017 min
Response: 3365
Conc: 4.30 ng/ml



#14 AR-1232-4

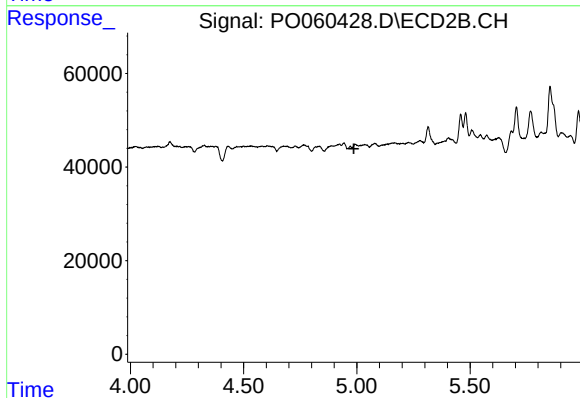
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#15 AR-1232-5

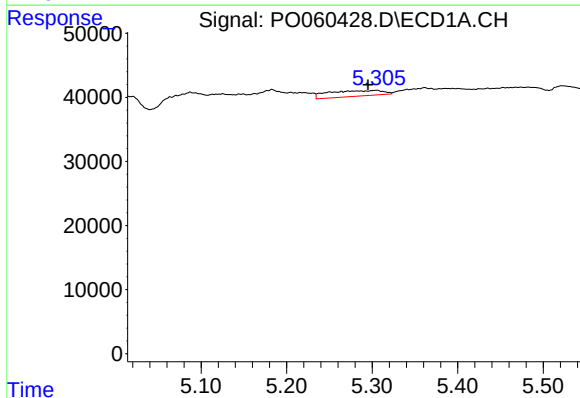
R.T.: 5.628 min
Delta R.T.: 0.045 min
Response: 21807
Conc: 36.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



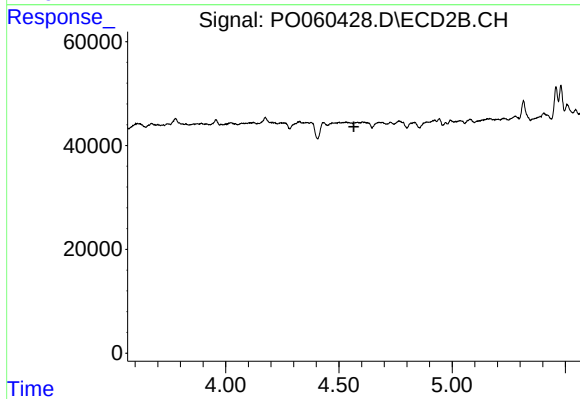
#15 AR-1232-5

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



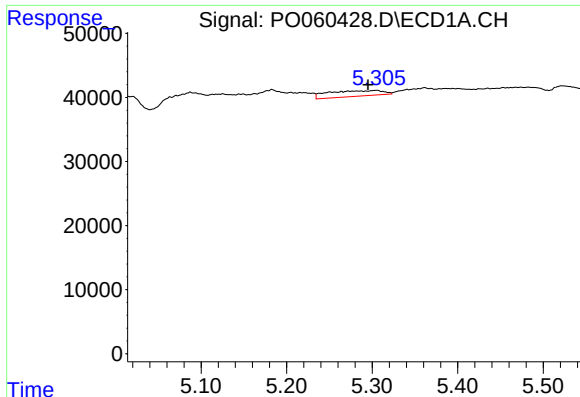
#16 AR-1242-1

R.T.: 5.304 min
Delta R.T.: 0.009 min
Response: 39180
Conc: 30.86 ng/ml



#16 AR-1242-1

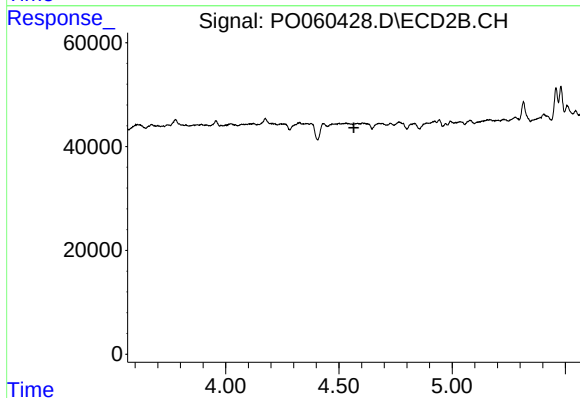
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

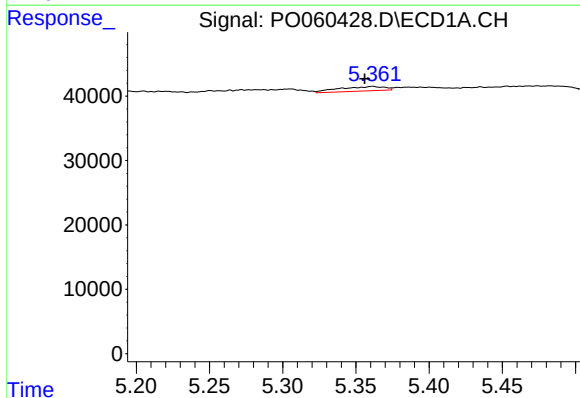
R.T.: 5.304 min
Delta R.T.: 0.009 min
Response: 39180
Conc: 21.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



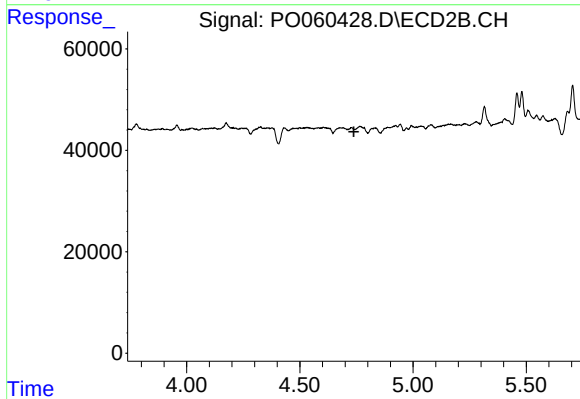
#17 AR-1242-2

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



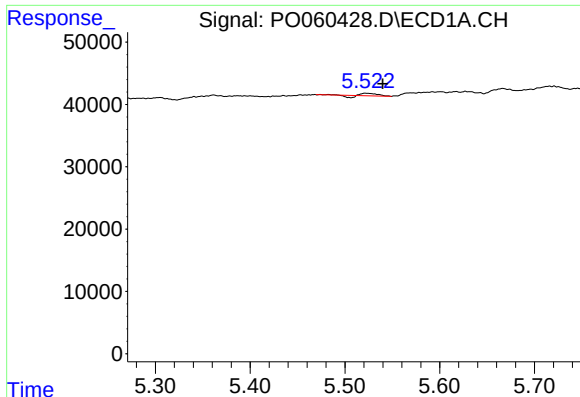
#18 AR-1242-3

R.T.: 5.362 min
Delta R.T.: 0.006 min
Response: 14747
Conc: 12.62 ng/ml



#18 AR-1242-3

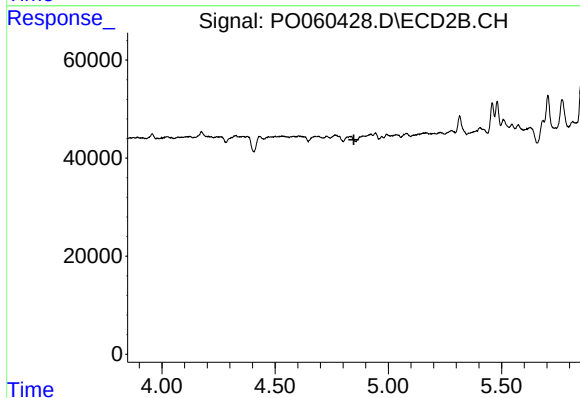
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

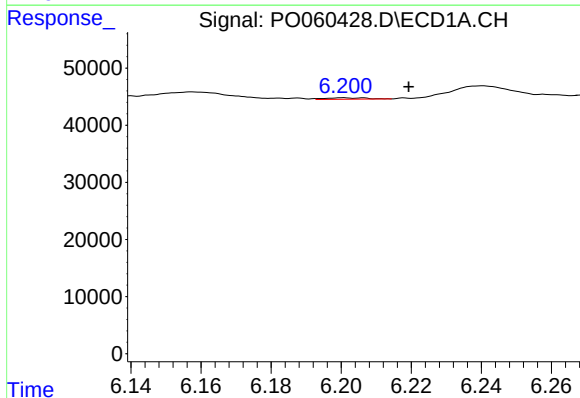
R.T.: 5.523 min
Delta R.T.: -0.017 min
Response: 3365
Conc: 3.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



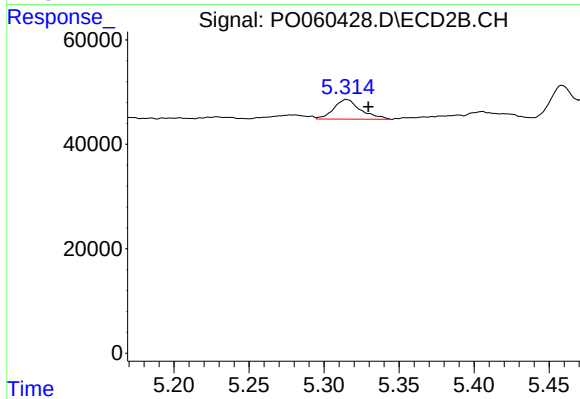
#19 AR-1242-4

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



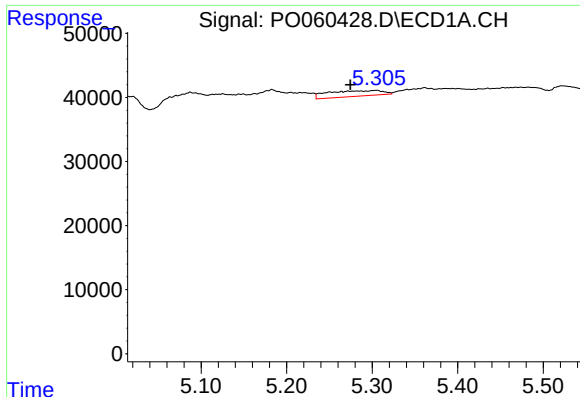
#20 AR-1242-5

R.T.: 6.202 min
Delta R.T.: -0.018 min
Response: 1956
Conc: 1.56 ng/ml



#20 AR-1242-5

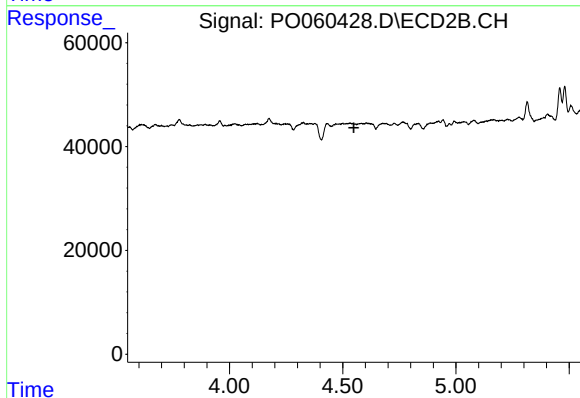
R.T.: 5.315 min
Delta R.T.: -0.014 min
Response: 47211
Conc: 42.21 ng/ml



#21 AR-1248-1

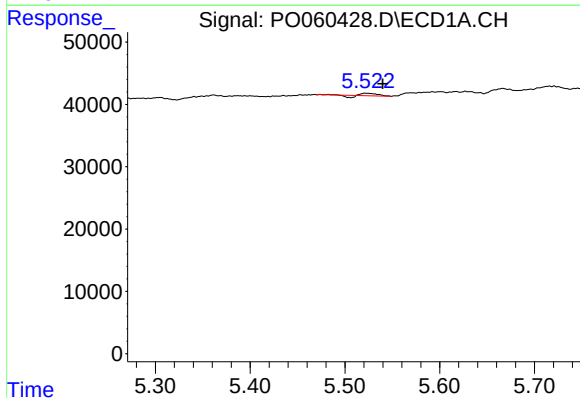
R.T.: 5.304 min
Delta R.T.: 0.029 min
Response: 39180
Conc: 39.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



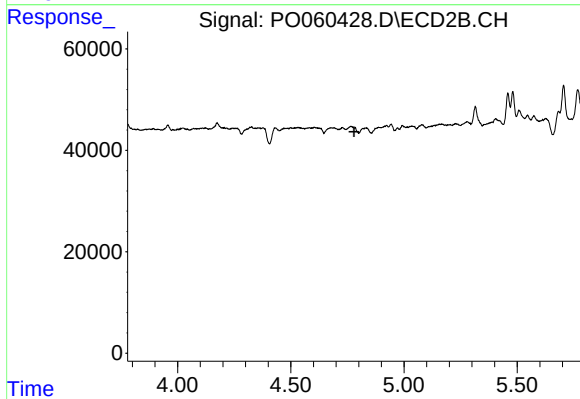
#21 AR-1248-1

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



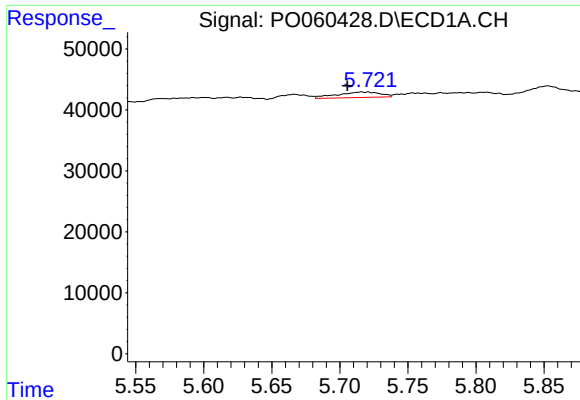
#22 AR-1248-2

R.T.: 5.523 min
Delta R.T.: -0.017 min
Response: 3365
Conc: 2.32 ng/ml



#22 AR-1248-2

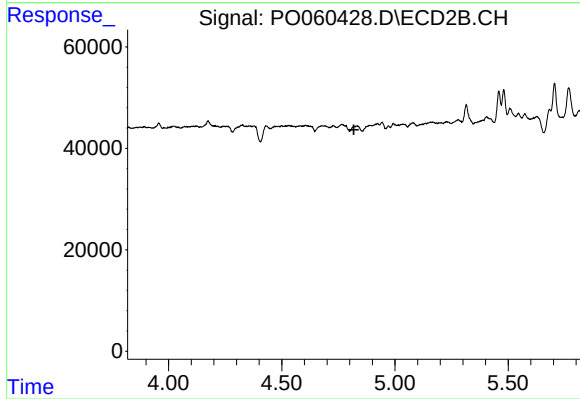
R.T.: 0.000 min
Exp R.T. : 4.779 min
Response: 0
Conc: N.D.



#23 AR-1248-3

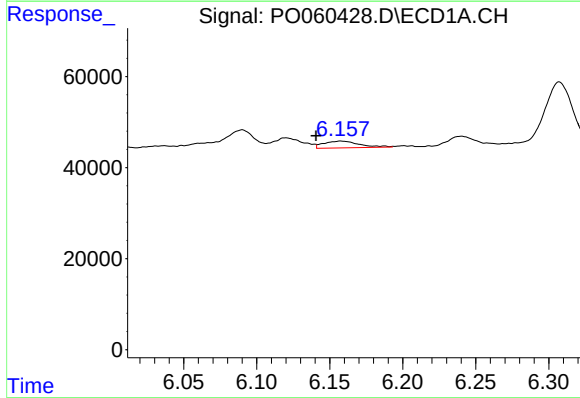
R.T.: 5.717 min
Delta R.T.: 0.011 min
Response: 19926
Conc: 11.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



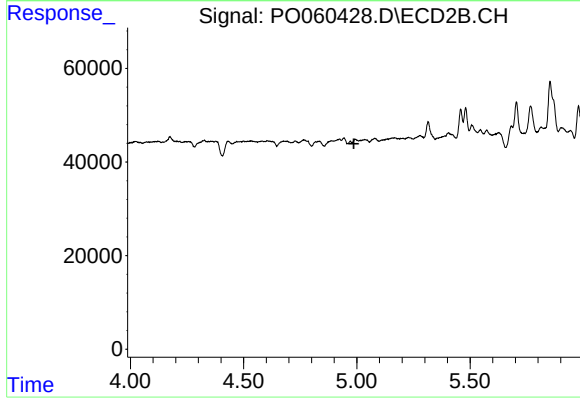
#23 AR-1248-3

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



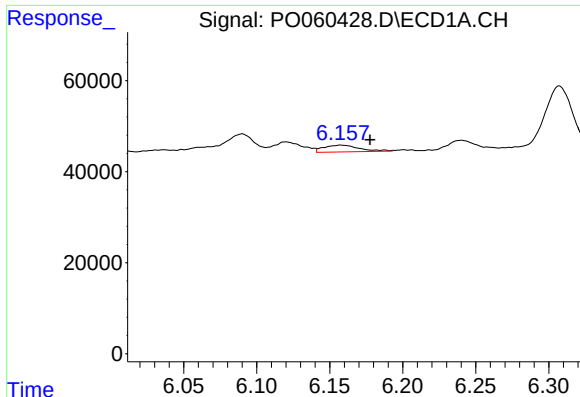
#24 AR-1248-4

R.T.: 6.158 min
Delta R.T.: 0.017 min
Response: 25796
Conc: 12.62 ng/ml



#24 AR-1248-4

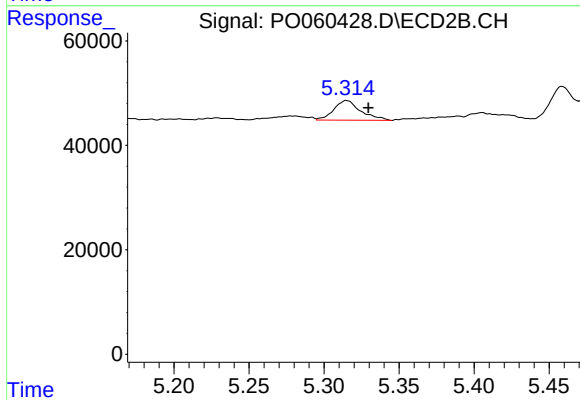
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

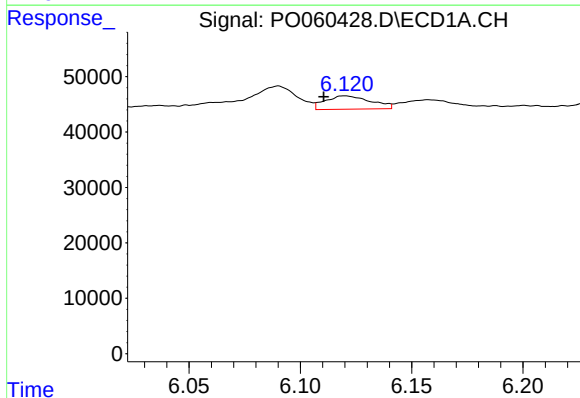
R.T.: 6.158 min
Delta R.T.: -0.020 min
Response: 25796
Conc: 13.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



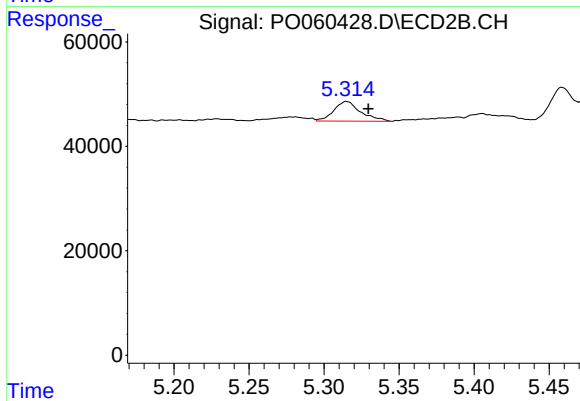
#25 AR-1248-5

R.T.: 5.315 min
Delta R.T.: -0.014 min
Response: 47211
Conc: 32.99 ng/ml



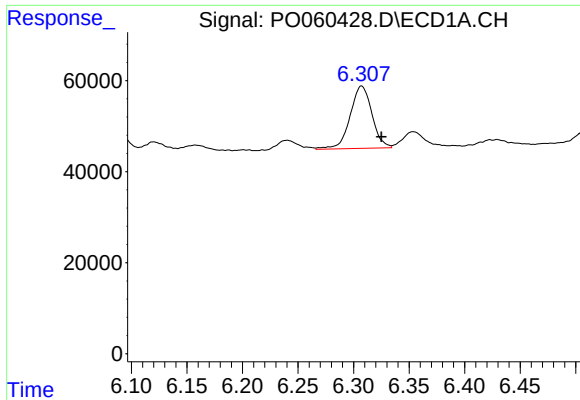
#26 AR-1254-1

R.T.: 6.121 min
Delta R.T.: 0.010 min
Response: 34241
Conc: 16.41 ng/ml



#26 AR-1254-1

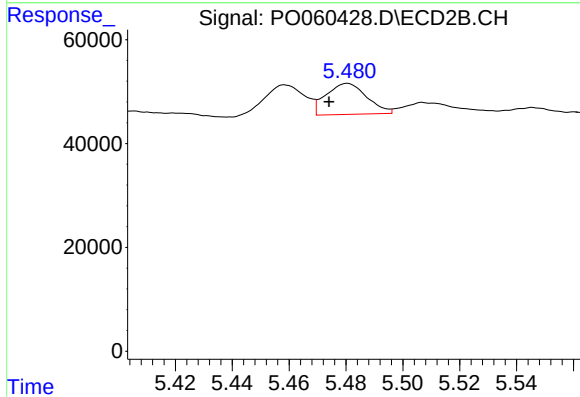
R.T.: 5.315 min
Delta R.T.: -0.014 min
Response: 47211
Conc: 19.91 ng/ml



#27 AR-1254-2

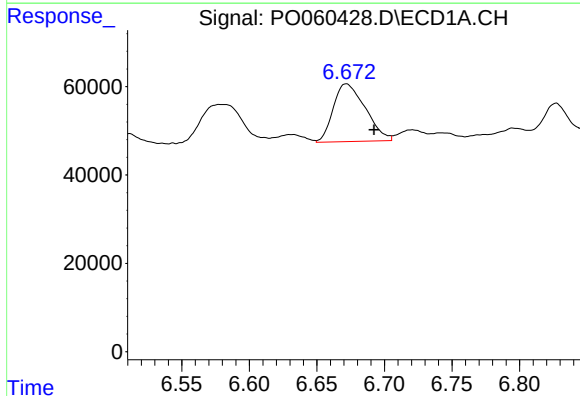
R.T.: 6.307 min
Delta R.T.: -0.018 min
Response: 187205
Conc: 56.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



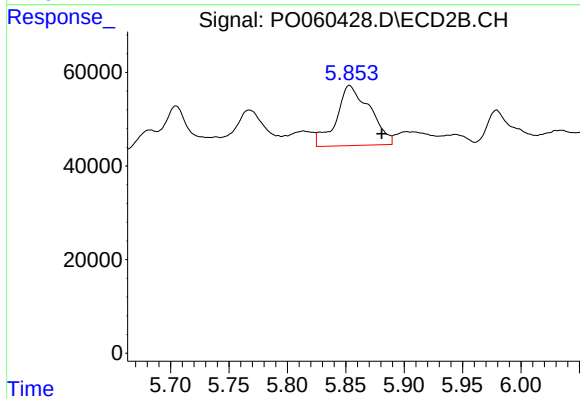
#27 AR-1254-2

R.T.: 5.481 min
Delta R.T.: 0.007 min
Response: 59535
Conc: 28.37 ng/ml



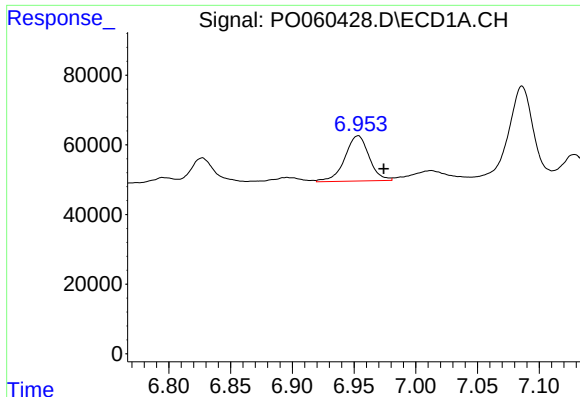
#28 AR-1254-3

R.T.: 6.672 min
Delta R.T.: -0.020 min
Response: 215961
Conc: 60.86 ng/ml



#28 AR-1254-3

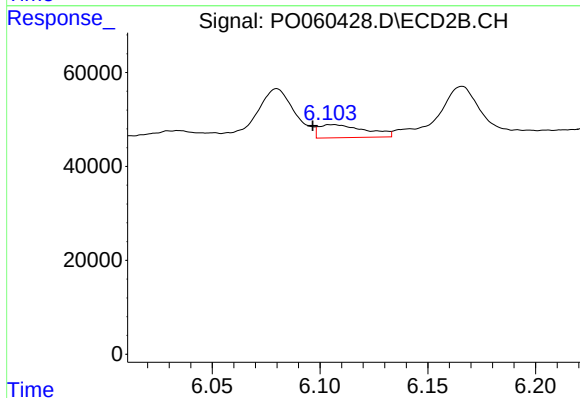
R.T.: 5.853 min
Delta R.T.: -0.028 min
Response: 257053
Conc: 76.45 ng/ml



#29 AR-1254-4

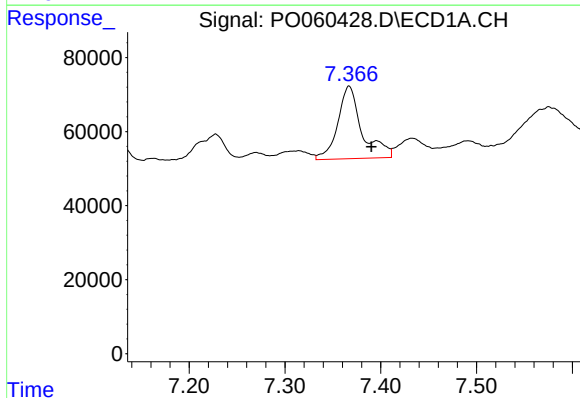
R.T.: 6.953 min
Delta R.T.: -0.021 min
Response: 178301
Conc: 60.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



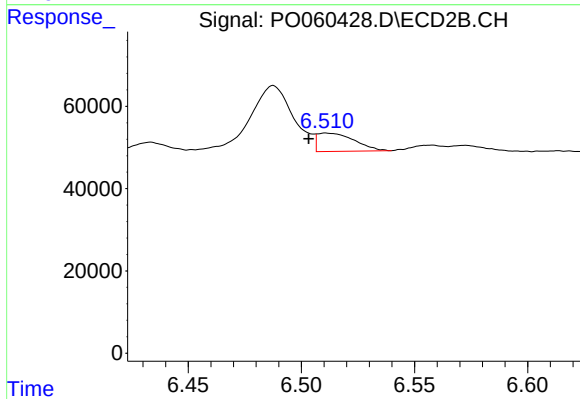
#29 AR-1254-4

R.T.: 6.106 min
Delta R.T.: 0.009 min
Response: 41918
Conc: 20.33 ng/ml



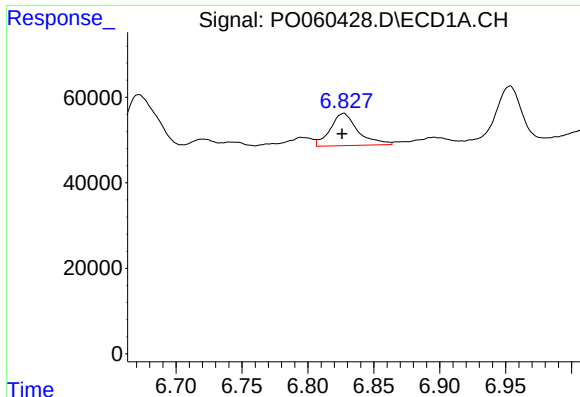
#30 AR-1254-5

R.T.: 7.367 min
Delta R.T.: -0.023 min
Response: 342380
Conc: 110.72 ng/ml



#30 AR-1254-5

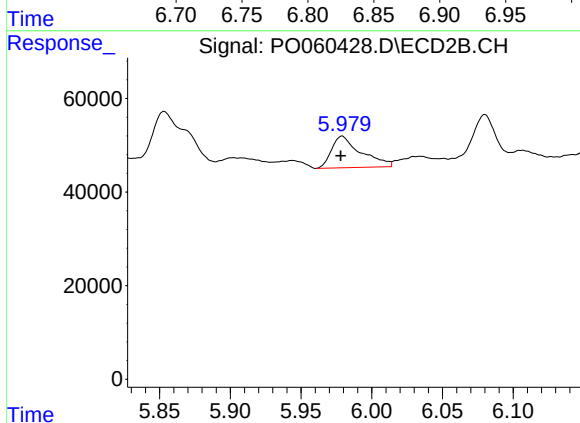
R.T.: 6.511 min
Delta R.T.: 0.008 min
Response: 50533
Conc: 16.27 ng/ml



#31 AR-1260-1

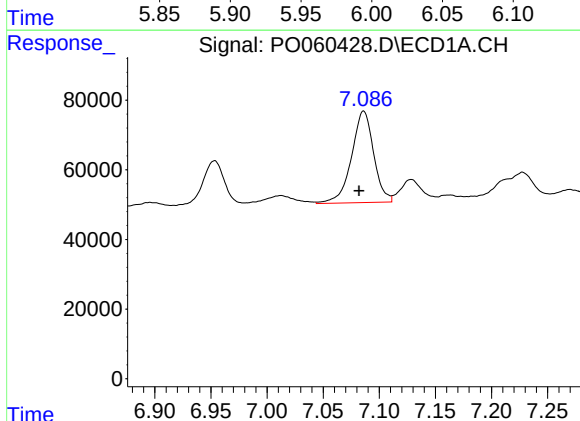
R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 110282
Conc: 40.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



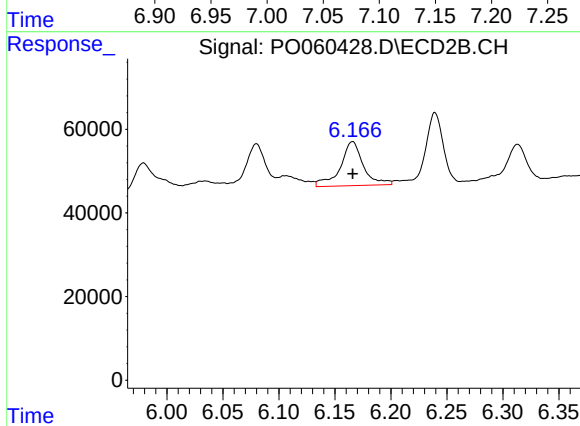
#31 AR-1260-1

R.T.: 5.979 min
Delta R.T.: 0.001 min
Response: 97772
Conc: 42.90 ng/ml



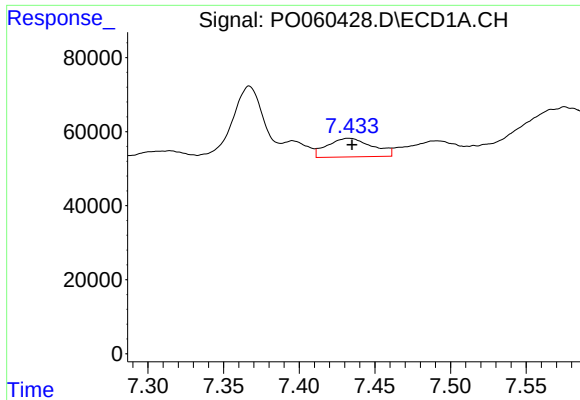
#32 AR-1260-2

R.T.: 7.086 min
Delta R.T.: 0.004 min
Response: 361271
Conc: 97.36 ng/ml



#32 AR-1260-2

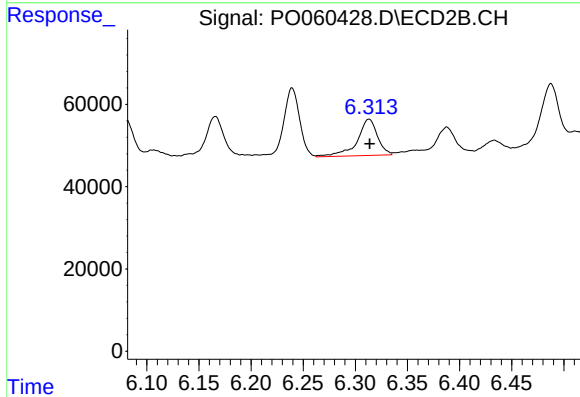
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 150594
Conc: 51.40 ng/ml



#33 AR-1260-3

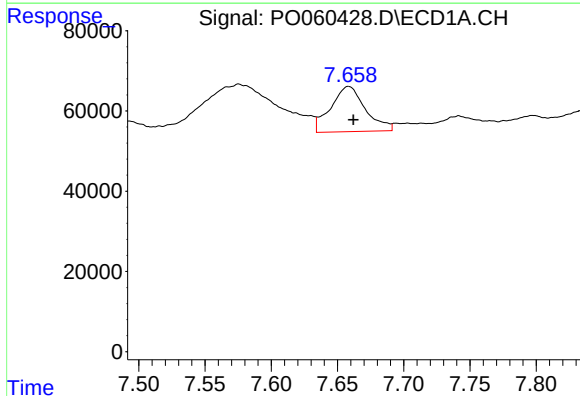
R.T.: 7.433 min
Delta R.T.: -0.002 min
Response: 104446
Conc: 31.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



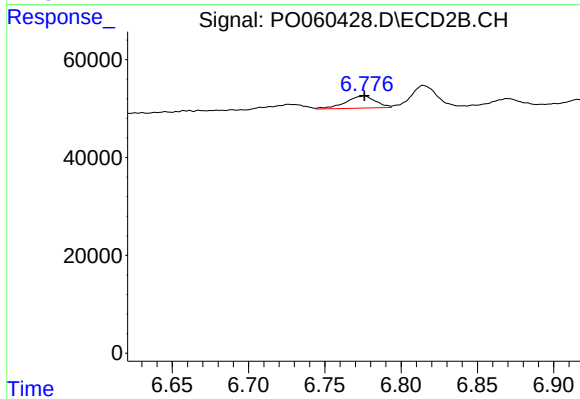
#33 AR-1260-3

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 119746
Conc: 45.20 ng/ml



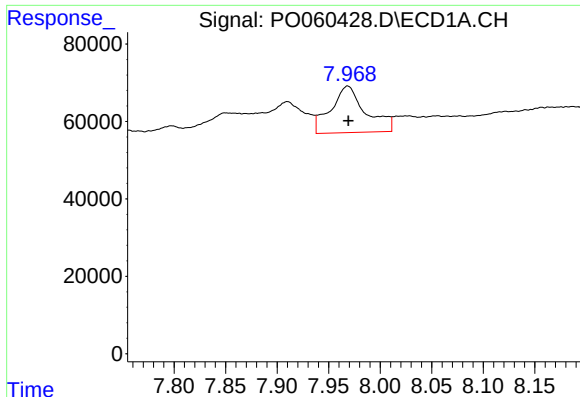
#34 AR-1260-4

R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 205616
Conc: 66.95 ng/ml



#34 AR-1260-4

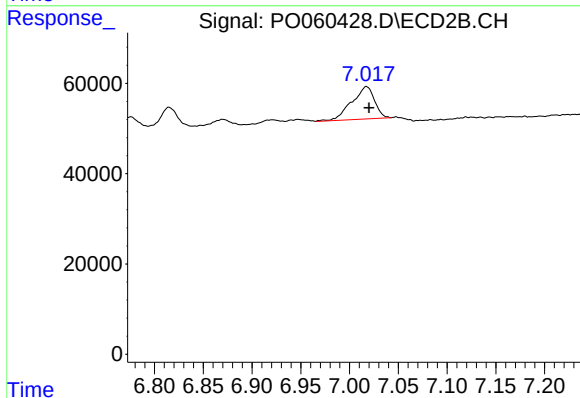
R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 33815
Conc: 14.95 ng/ml



#35 AR-1260-5

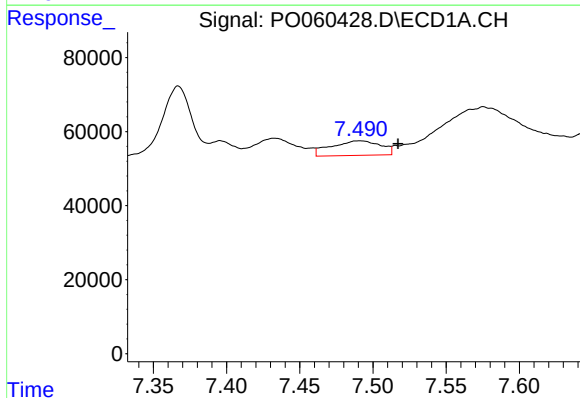
R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 282565
Conc: 39.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



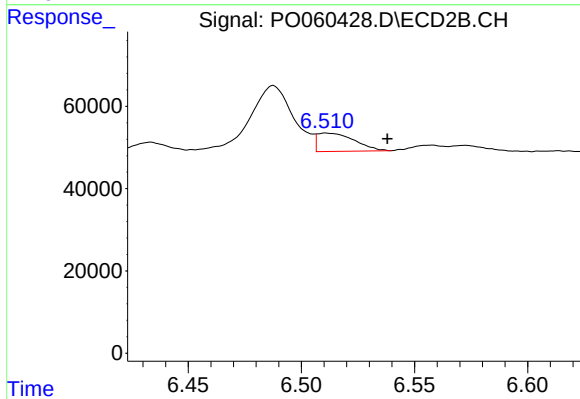
#35 AR-1260-5

R.T.: 7.017 min
Delta R.T.: -0.003 min
Response: 116797
Conc: 21.22 ng/ml



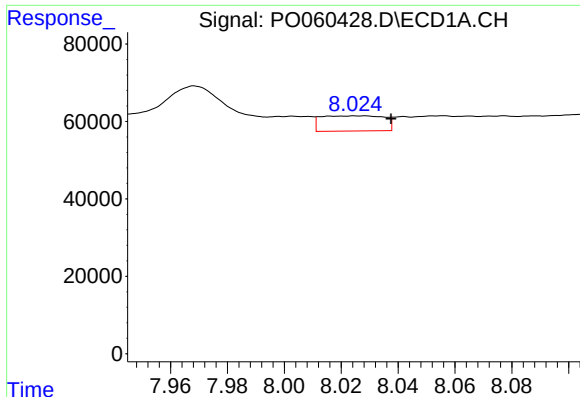
#36 AR-1262-1

R.T.: 7.491 min
Delta R.T.: -0.026 min
Response: 92064
Conc: 18.97 ng/ml



#36 AR-1262-1

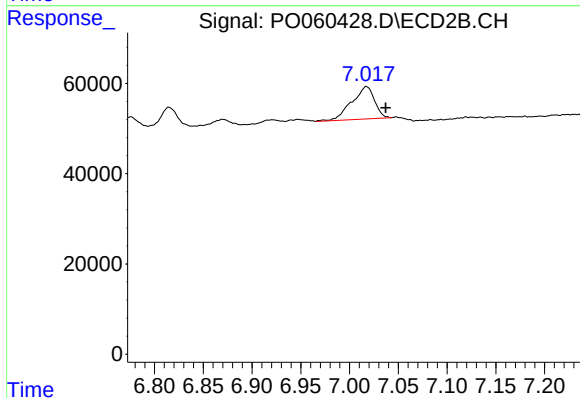
R.T.: 6.511 min
Delta R.T.: -0.027 min
Response: 50533
Conc: 13.56 ng/ml



#37 AR-1262-2

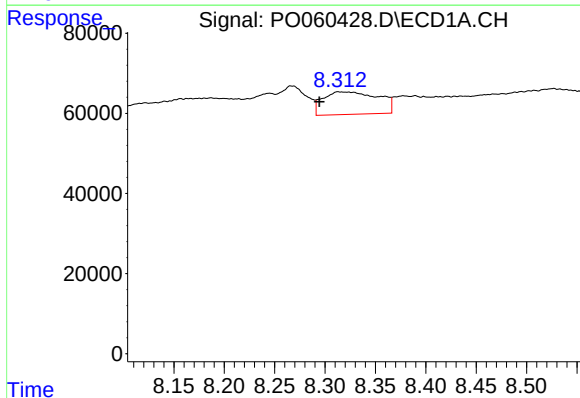
R.T.: 8.026 min
Delta R.T.: -0.012 min
Response: 60459
Conc: 7.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



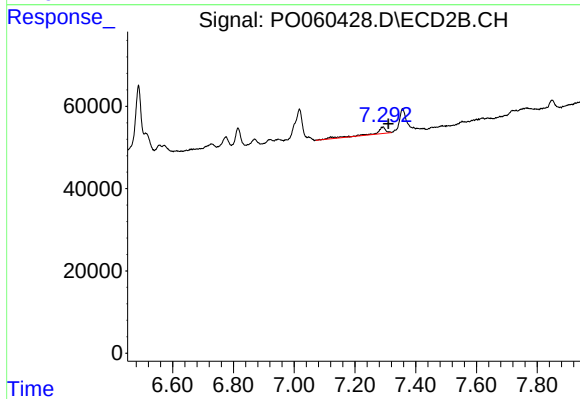
#37 AR-1262-2

R.T.: 7.017 min
Delta R.T.: -0.020 min
Response: 116797
Conc: 19.87 ng/ml



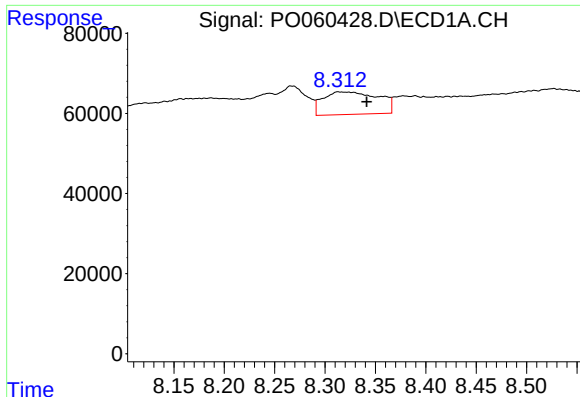
#38 AR-1262-3

R.T.: 8.315 min
Delta R.T.: 0.021 min
Response: 214556
Conc: 42.05 ng/ml



#38 AR-1262-3

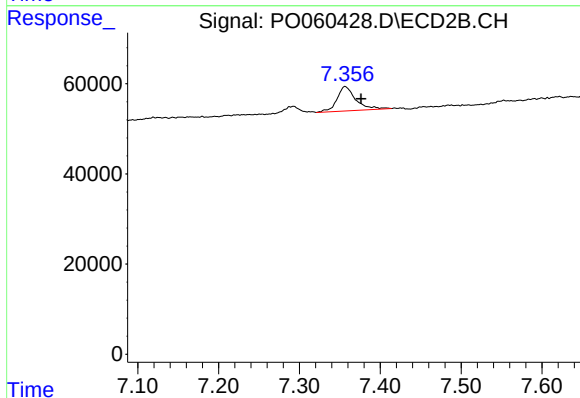
R.T.: 7.293 min
Delta R.T.: -0.018 min
Response: 38299
Conc: 15.07 ng/ml



#39 AR-1262-4

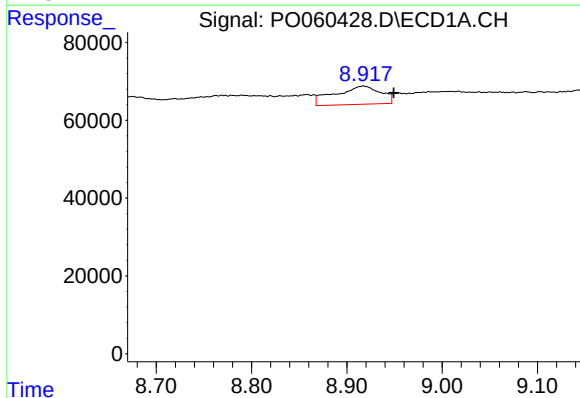
R.T.: 8.315 min
Delta R.T.: -0.026 min
Response: 214556
Conc: 55.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



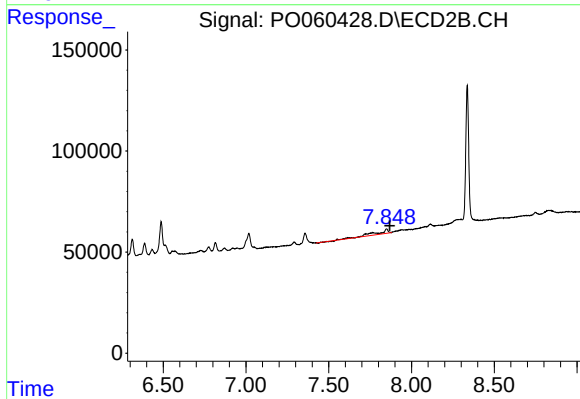
#39 AR-1262-4

R.T.: 7.357 min
Delta R.T.: -0.020 min
Response: 87640
Conc: 19.83 ng/ml



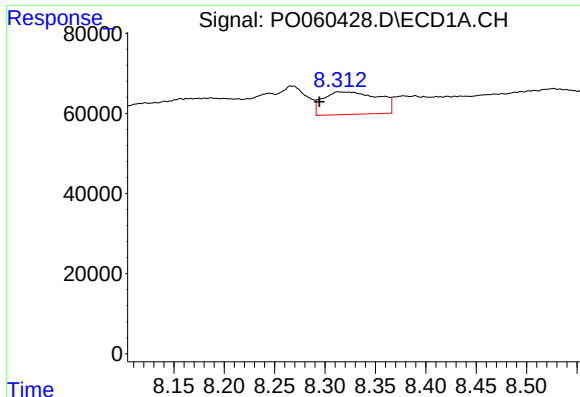
#40 AR-1262-5

R.T.: 8.917 min
Delta R.T.: -0.032 min
Response: 157083
Conc: 61.20 ng/ml



#40 AR-1262-5

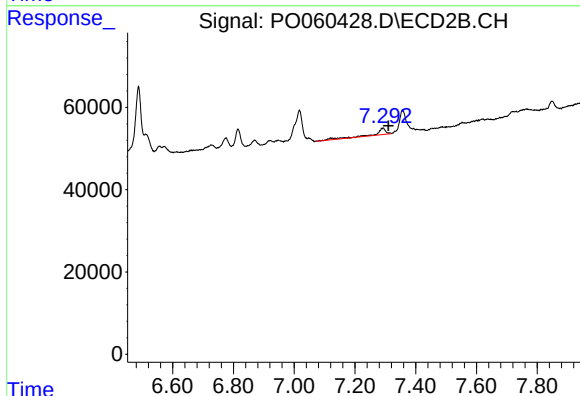
R.T.: 7.849 min
Delta R.T.: -0.019 min
Response: 103733
Conc: 57.45 ng/ml



#41 AR-1268-1

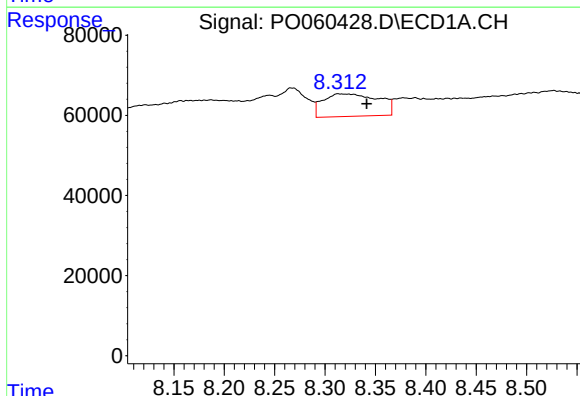
R.T.: 8.315 min
Delta R.T.: 0.021 min
Response: 214556
Conc: 22.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



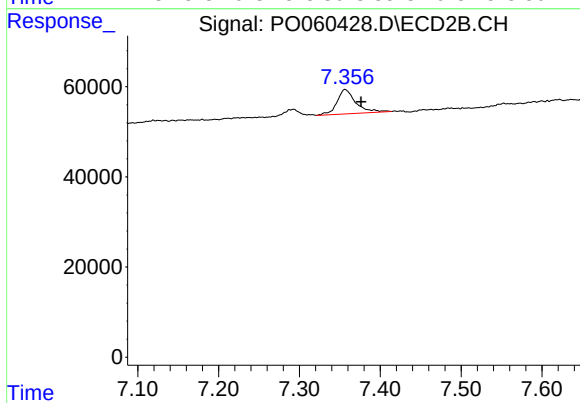
#41 AR-1268-1

R.T.: 7.293 min
Delta R.T.: -0.018 min
Response: 38299
Conc: 5.38 ng/ml



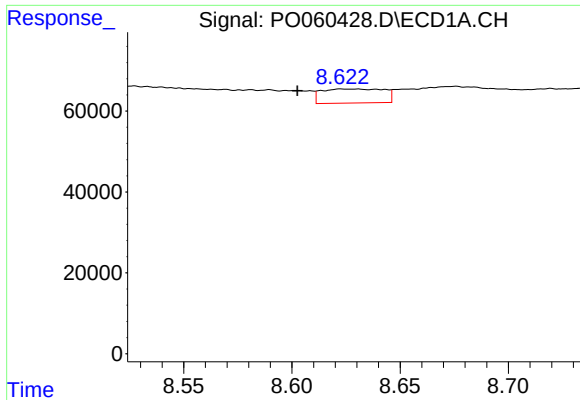
#42 AR-1268-2

R.T.: 8.315 min
Delta R.T.: -0.026 min
Response: 214556
Conc: 27.22 ng/ml



#42 AR-1268-2

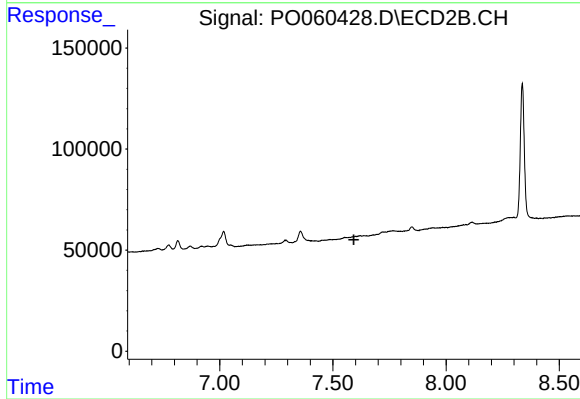
R.T.: 7.357 min
Delta R.T.: -0.020 min
Response: 87640
Conc: 13.59 ng/ml



#43 AR-1268-3

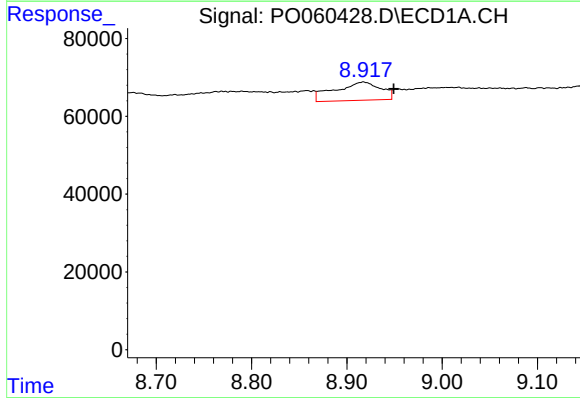
R.T.: 8.626 min
Delta R.T.: 0.023 min
Response: 69550
Conc: 9.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



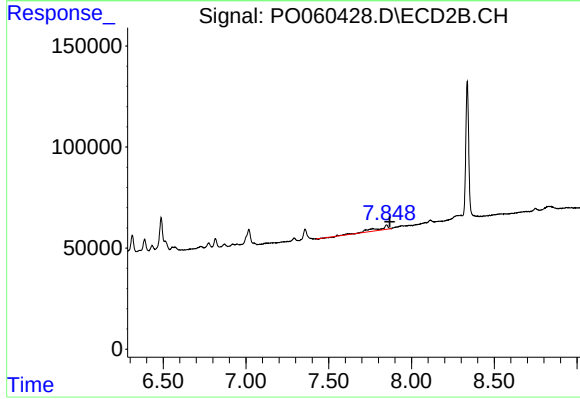
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



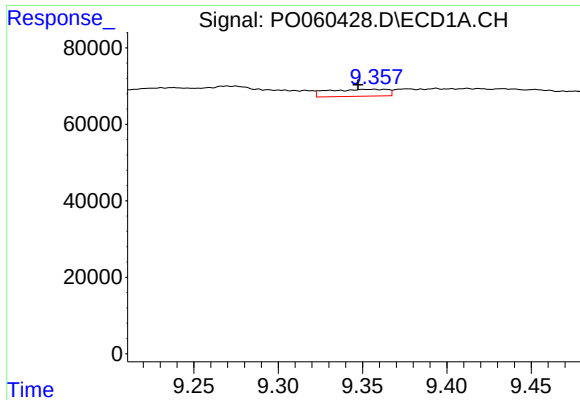
#44 AR-1268-4

R.T.: 8.917 min
Delta R.T.: -0.032 min
Response: 157083
Conc: 56.50 ng/ml



#44 AR-1268-4

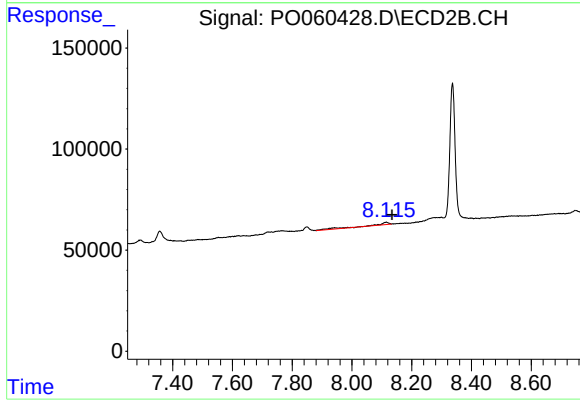
R.T.: 7.849 min
Delta R.T.: -0.019 min
Response: 103733
Conc: 50.82 ng/ml



#45 AR-1268-5

R.T.: 9.355 min
Delta R.T.: 0.007 min
Response: 44732
Conc: 2.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.115 min
Delta R.T.: -0.019 min
Response: 46304
Conc: 3.19 ng/ml