

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0050820\
 Data File : P0068257.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 May 2020 18:51
 Operator : DD\AJ
 Sample : L2554-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 04:12:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0050820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 08 13:29:29 2020
 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...	4.910	3.937	544648	696690	19.419	20.303
2)	SA Decachlor...	10.873	9.211	863326	807100	21.695	20.964
Target Compounds							
3)	L1 AR-1016-1	0.000	5.215	0	8696	N.D.	6.228 #
4)	L1 AR-1016-2	0.000	5.215	0	8696	N.D.	4.681 #
5)	L1 AR-1016-3	0.000	5.366	0	11811	N.D.	11.719 #
6)	L1 AR-1016-4	6.441	5.479	11064	9332	14.407	11.207
7)	L1 AR-1016-5	0.000	5.679	0	7296	N.D.	6.795 #
9)	L2 AR-1221-2	5.264	4.288	9341	13865	40.027	46.028
10)	L2 AR-1221-3	5.362	4.383	18356	19342	24.260	20.654
11)	L3 AR-1232-1	5.362	4.383	18356	19342	29.887	25.076
12)	L3 AR-1232-2	5.887	5.215	8789	8696	28.521	10.859 #
13)	L3 AR-1232-3	0.000	5.366	0	11811	N.D.	27.811 #
14)	L3 AR-1232-4	6.441	5.479	11064	9332	35.151	24.855 #
15)	L3 AR-1232-5	6.525	5.679	2631	7296	12.435	17.513 #
16)	L4 AR-1242-1	0.000	5.215	0	8696	N.D.	8.008 #
17)	L4 AR-1242-2	0.000	5.215	0	8696	N.D.	6.131 #
18)	L4 AR-1242-3	0.000	5.366	0	11811	N.D.	14.821 #
19)	L4 AR-1242-4	6.441	5.479	11064	9332	18.067	12.078 #
20)	L4 AR-1242-5	7.265	6.062	2570	9522	3.480	9.441 #
21)	L5 AR-1248-1	0.000	5.215	0	8696	N.D.	10.714 #
22)	L5 AR-1248-2	6.525	5.479	2631	9332	3.156	8.785 #
23)	L5 AR-1248-3	0.000	5.479	0	9332	N.D.	8.729 #
24)	L5 AR-1248-4	7.134	5.679	526306	7296	446.166	5.654 #
25)	L5 AR-1248-5	7.265	6.098	2570	10032	2.308	7.711 #
26)	L6 AR-1254-1	7.134	6.062	526306	9522	442.556	4.699 #
27)	L6 AR-1254-2	7.371	6.168	6611	2320	3.581	1.295 #
28)	L6 AR-1254-3	7.764	6.642	17441	23985	9.008	8.336
29)	L6 AR-1254-4	8.009	6.878	22619	8211	14.132	4.256 #
30)	L6 AR-1254-5	8.464	7.297	18647	11272	11.351	4.180 #
31)	L7 AR-1260-1	7.928	6.777	17524	23051	12.578	12.010
32)	L7 AR-1260-2	8.181	6.971	12614	13165	7.109	5.611
33)	L7 AR-1260-3	8.521	7.124	27107	9700	18.659	4.451 #
34)	L7 AR-1260-4	8.737	7.599	16287	17332	10.459	9.111
35)	L7 AR-1260-5	9.084	7.850	33535	36945	10.095	8.313
36)	L8 AR-1262-1	8.521	7.297	27107	11272	13.550	7.924 #
37)	L8 AR-1262-2	9.084	7.850	33535	36945	9.303	7.949
38)	L8 AR-1262-3	9.385	8.145	8350	42495	3.217	22.008 #
39)	L8 AR-1262-4	9.484	8.194	4694	60572	2.272	17.245 #
40)	L8 AR-1262-5	10.097	8.728	945	29069	0.619	16.851 #
41)	L9 AR-1268-1	9.385	8.145	8350	42495	1.754	7.551 #
42)	L9 AR-1268-2	9.484	8.194	4694	60572	1.026	11.840 #

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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	9.713	8.407	32348	41527	8.180	9.795
44) L9	AR-1268-4	10.097	8.728	945	29069	0.530	14.364 #
45) L9	AR-1268-5	10.542	8.953	21076	61360	1.623	4.660 #

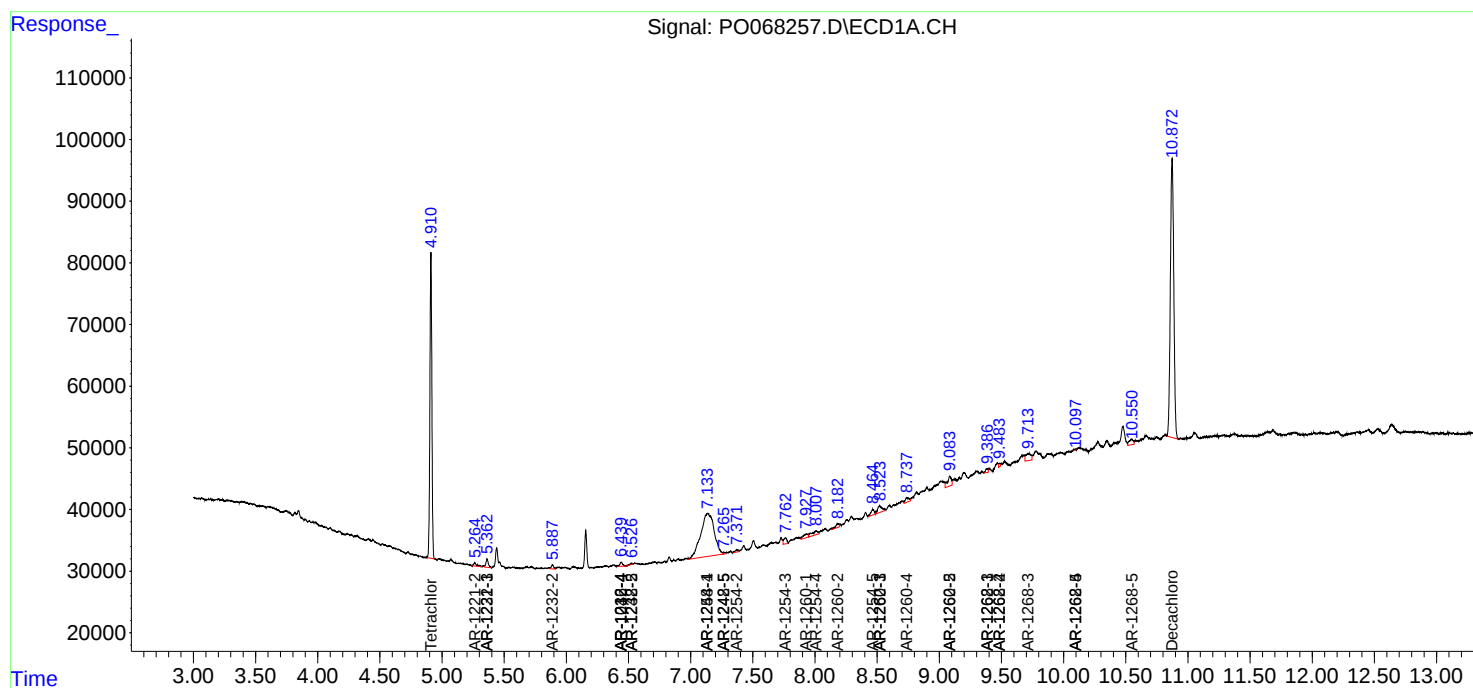
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

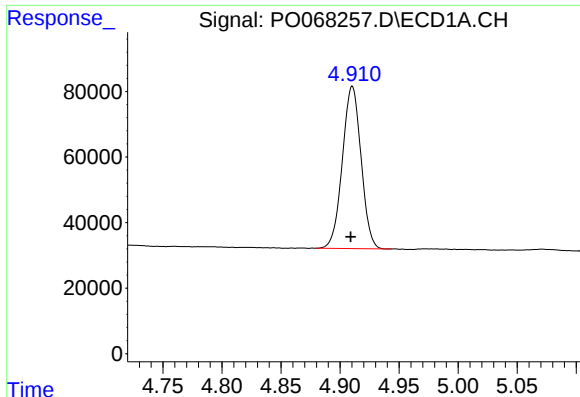
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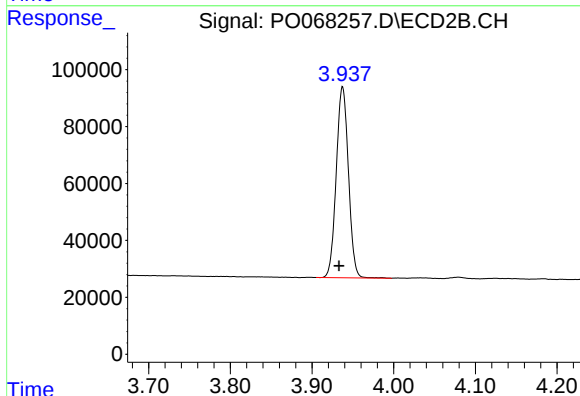




#1 Tetrachloro-m-xylene

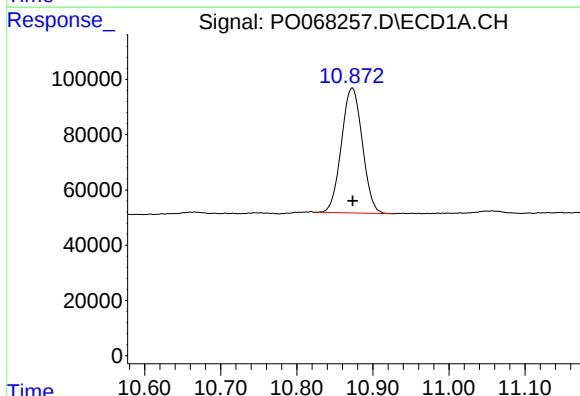
R.T.: 4.910 min
Delta R.T.: 0.001 min
Response: 544648
Conc: 19.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



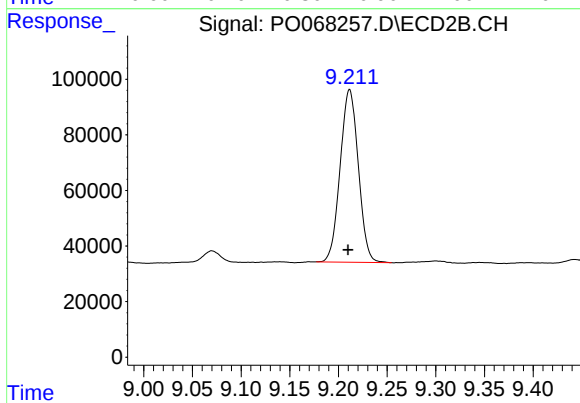
#1 Tetrachloro-m-xylene

R.T.: 3.937 min
Delta R.T.: 0.004 min
Response: 696690
Conc: 20.30 ng/ml



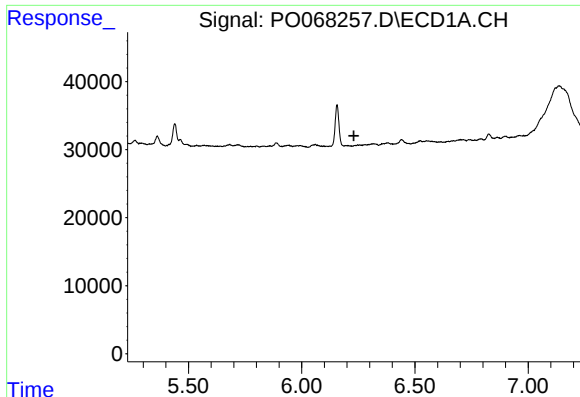
#2 Decachlorobiphenyl

R.T.: 10.873 min
Delta R.T.: 0.000 min
Response: 863326
Conc: 21.70 ng/ml



#2 Decachlorobiphenyl

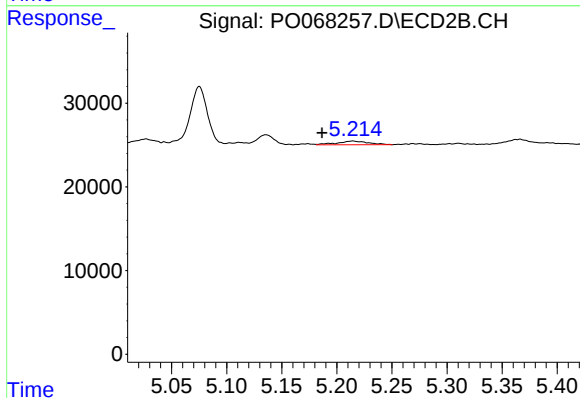
R.T.: 9.211 min
Delta R.T.: 0.002 min
Response: 807100
Conc: 20.96 ng/ml



#3 AR-1016-1

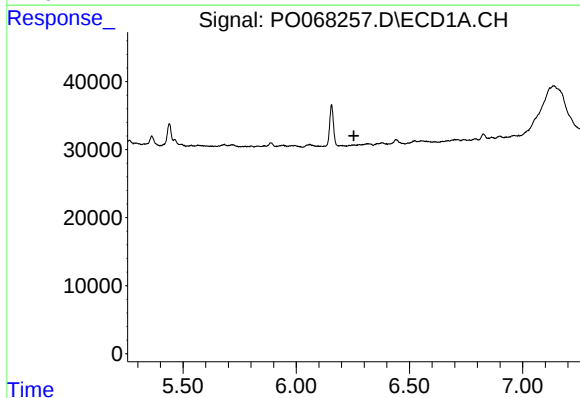
R.T.: 0.000 min
Exp R.T.: 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



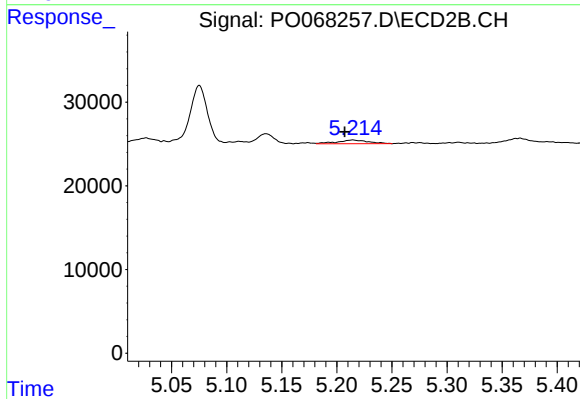
#3 AR-1016-1

R.T.: 5.215 min
Delta R.T.: 0.028 min
Response: 8696
Conc: 6.23 ng/ml



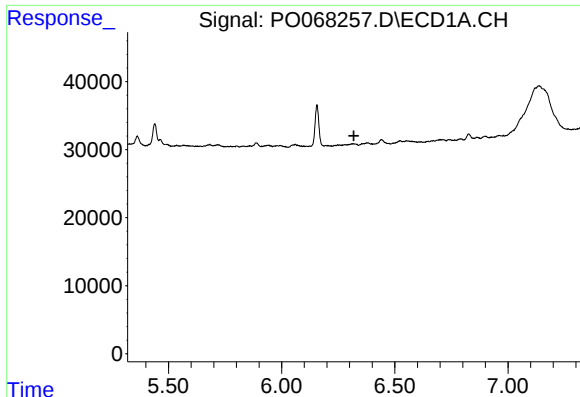
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.254 min
Response: 0
Conc: N.D.



#4 AR-1016-2

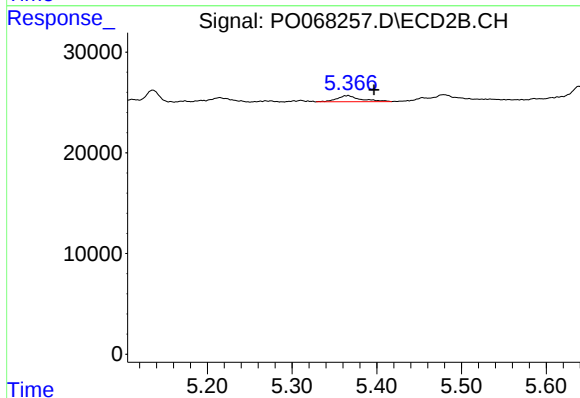
R.T.: 5.215 min
Delta R.T.: 0.007 min
Response: 8696
Conc: 4.68 ng/ml



#5 AR-1016-3

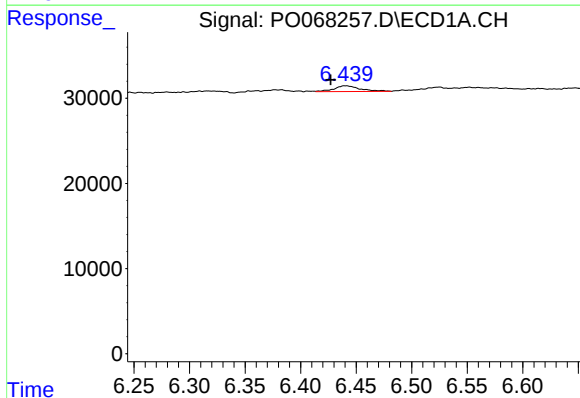
R.T.: 0.000 min
Exp R.T.: 6.319 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



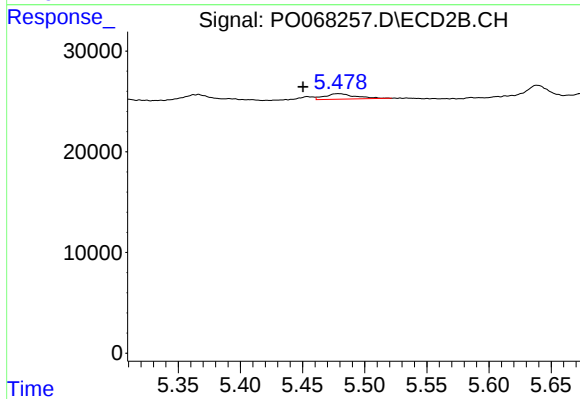
#5 AR-1016-3

R.T.: 5.366 min
Delta R.T.: -0.031 min
Response: 11811
Conc: 11.72 ng/ml



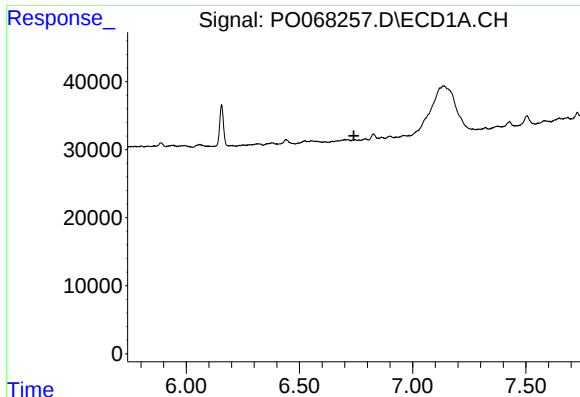
#6 AR-1016-4

R.T.: 6.441 min
Delta R.T.: 0.013 min
Response: 11064
Conc: 14.41 ng/ml



#6 AR-1016-4

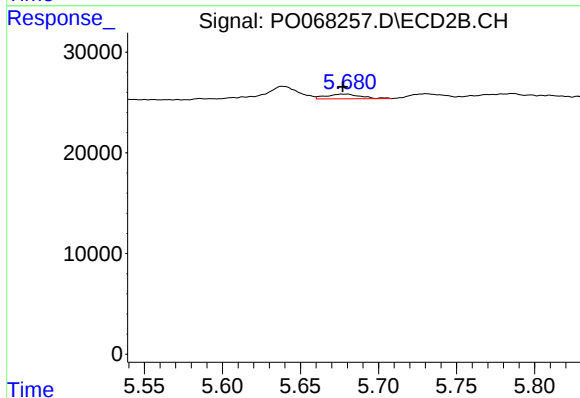
R.T.: 5.479 min
Delta R.T.: 0.028 min
Response: 9332
Conc: 11.21 ng/ml



#7 AR-1016-5

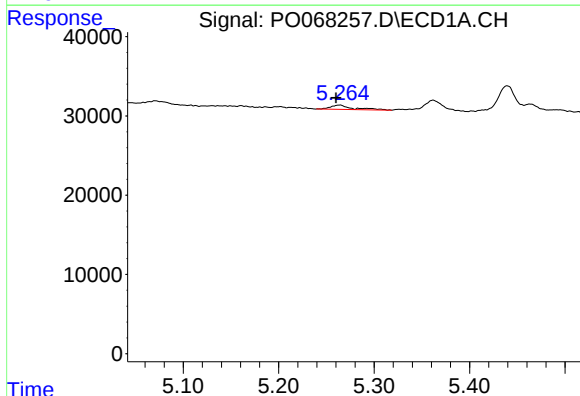
R.T.: 0.000 min
Exp R.T.: 6.740 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



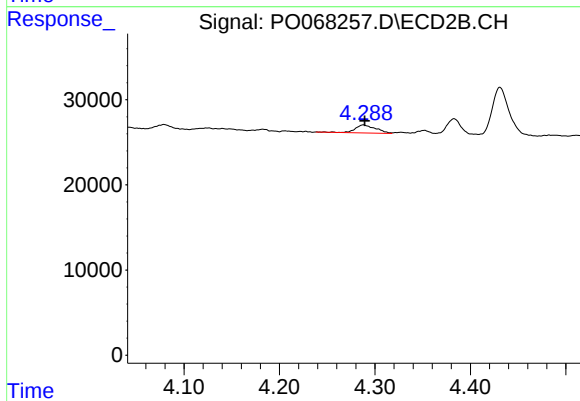
#7 AR-1016-5

R.T.: 5.679 min
Delta R.T.: 0.002 min
Response: 7296
Conc: 6.79 ng/ml



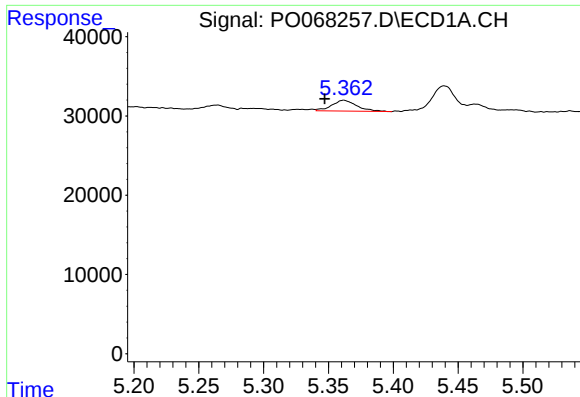
#9 AR-1221-2

R.T.: 5.264 min
Delta R.T.: 0.004 min
Response: 9341
Conc: 40.03 ng/ml



#9 AR-1221-2

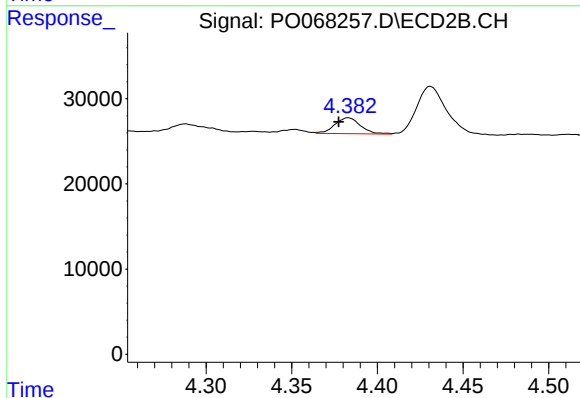
R.T.: 4.288 min
Delta R.T.: -0.001 min
Response: 13865
Conc: 46.03 ng/ml



#10 AR-1221-3

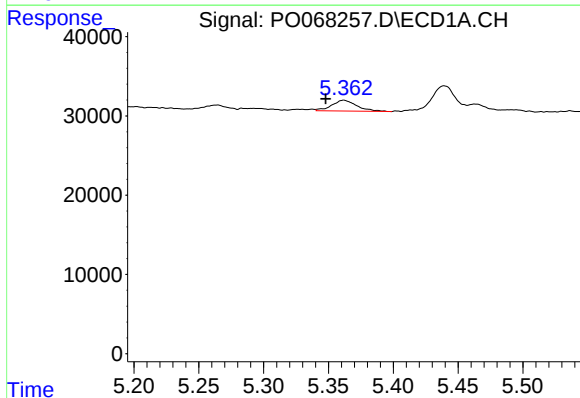
R.T.: 5.362 min
Delta R.T.: 0.015 min
Response: 18356
Conc: 24.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



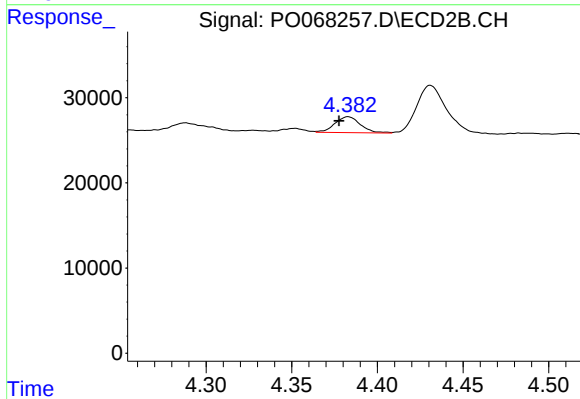
#10 AR-1221-3

R.T.: 4.383 min
Delta R.T.: 0.005 min
Response: 19342
Conc: 20.65 ng/ml



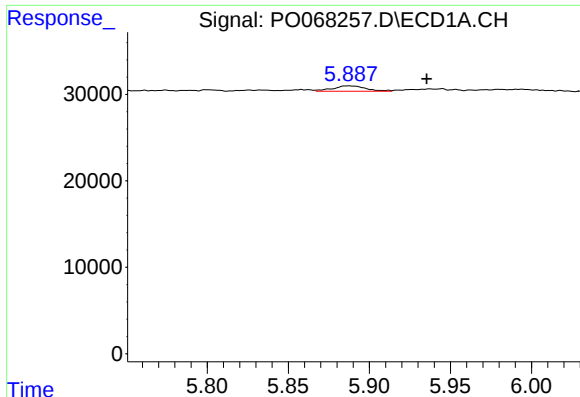
#11 AR-1232-1

R.T.: 5.362 min
Delta R.T.: 0.014 min
Response: 18356
Conc: 29.89 ng/ml



#11 AR-1232-1

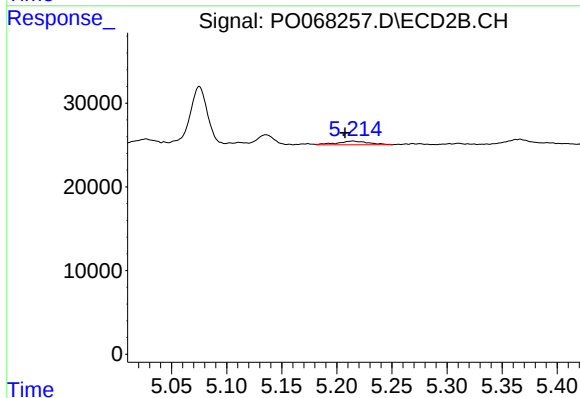
R.T.: 4.383 min
Delta R.T.: 0.005 min
Response: 19342
Conc: 25.08 ng/ml



#12 AR-1232-2

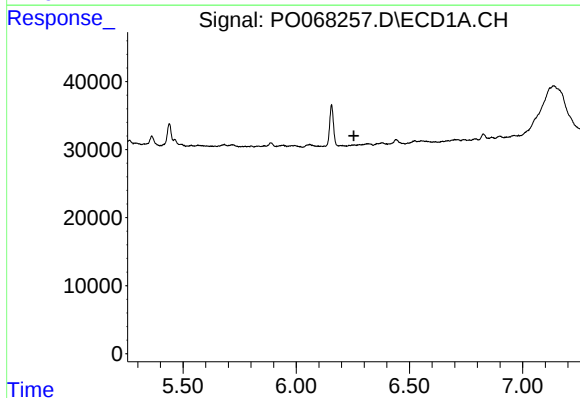
R.T.: 5.887 min
Delta R.T.: -0.049 min
Response: 8789
Conc: 28.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



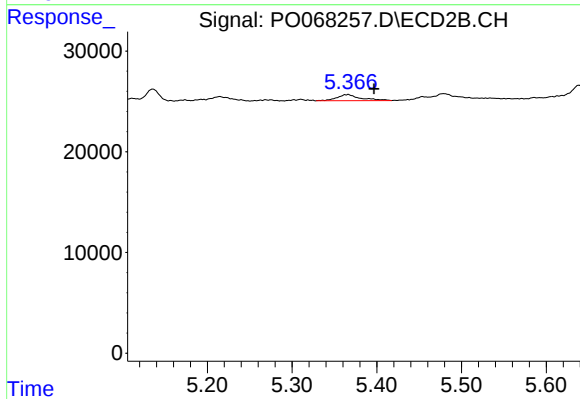
#12 AR-1232-2

R.T.: 5.215 min
Delta R.T.: 0.007 min
Response: 8696
Conc: 10.86 ng/ml



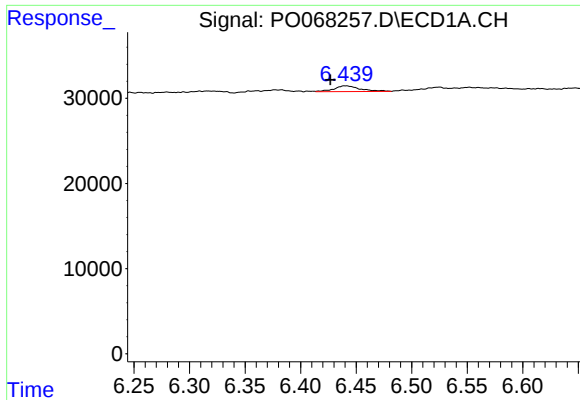
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.254 min
Response: 0
Conc: N.D.



#13 AR-1232-3

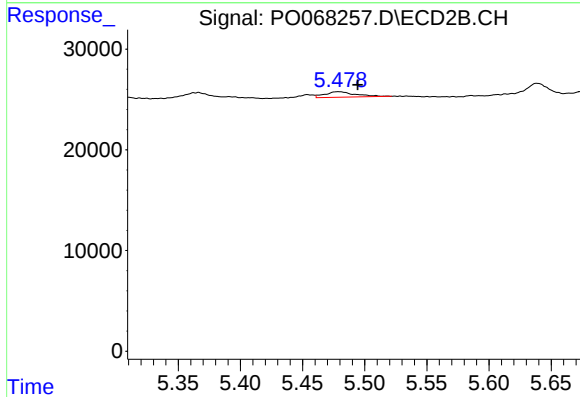
R.T.: 5.366 min
Delta R.T.: -0.031 min
Response: 11811
Conc: 27.81 ng/ml



#14 AR-1232-4

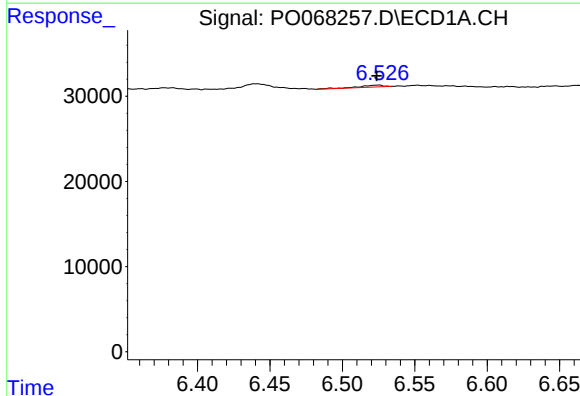
R.T.: 6.441 min
Delta R.T.: 0.014 min
Response: 11064
Conc: 35.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



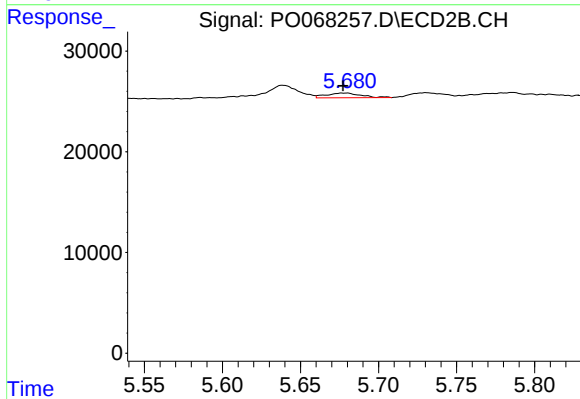
#14 AR-1232-4

R.T.: 5.479 min
Delta R.T.: -0.016 min
Response: 9332
Conc: 24.85 ng/ml



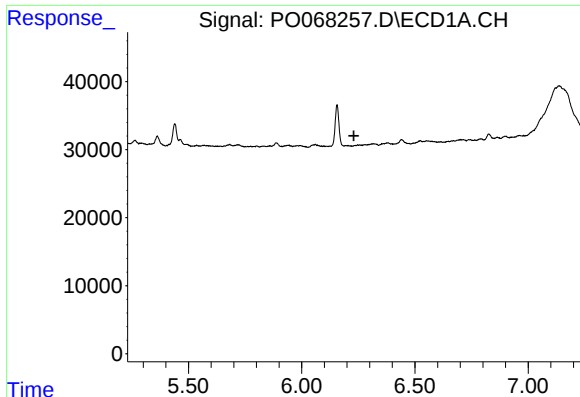
#15 AR-1232-5

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2631
Conc: 12.43 ng/ml



#15 AR-1232-5

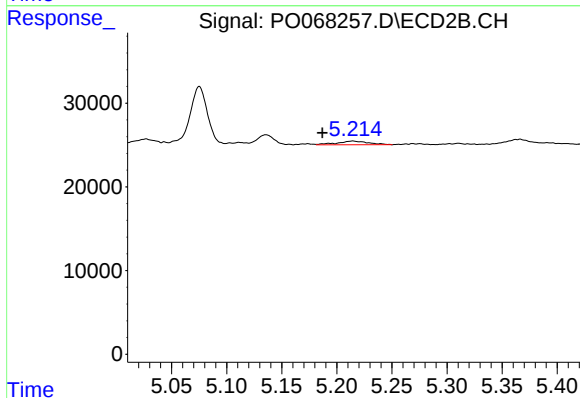
R.T.: 5.679 min
Delta R.T.: 0.002 min
Response: 7296
Conc: 17.51 ng/ml



#16 AR-1242-1

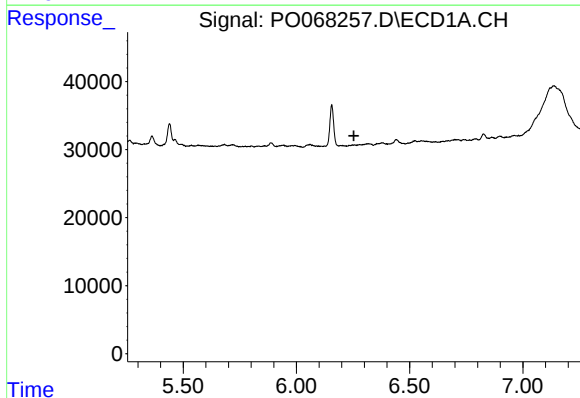
R.T.: 0.000 min
Exp R.T.: 6.230 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



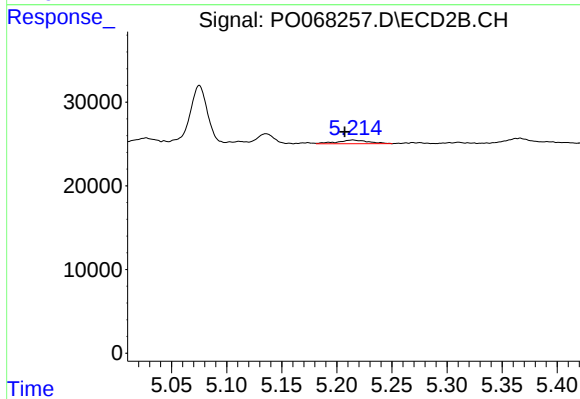
#16 AR-1242-1

R.T.: 5.215 min
Delta R.T.: 0.028 min
Response: 8696
Conc: 8.01 ng/ml



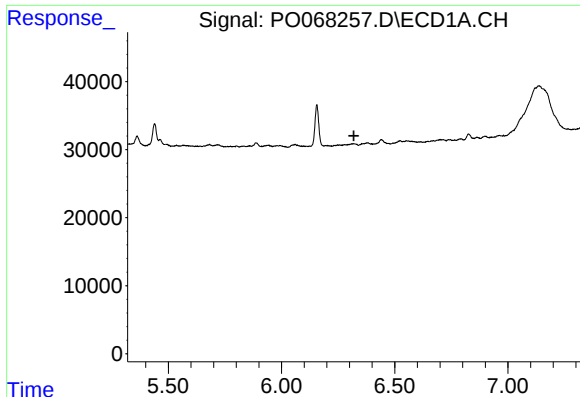
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.254 min
Response: 0
Conc: N.D.



#17 AR-1242-2

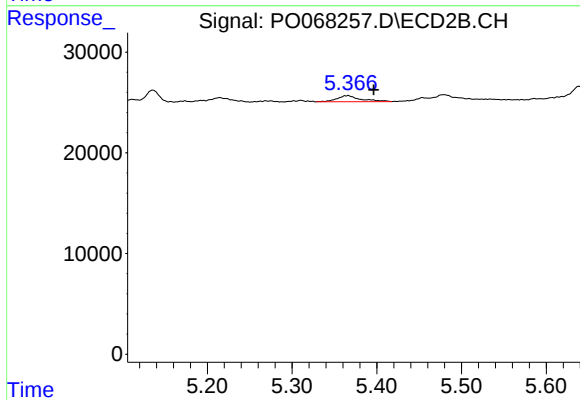
R.T.: 5.215 min
Delta R.T.: 0.008 min
Response: 8696
Conc: 6.13 ng/ml



#18 AR-1242-3

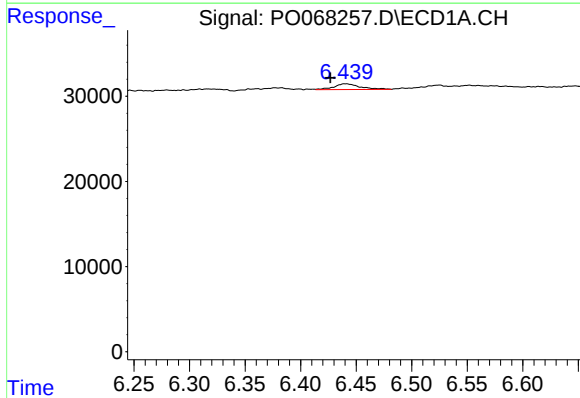
R.T.: 0.000 min
Exp R.T.: 6.319 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



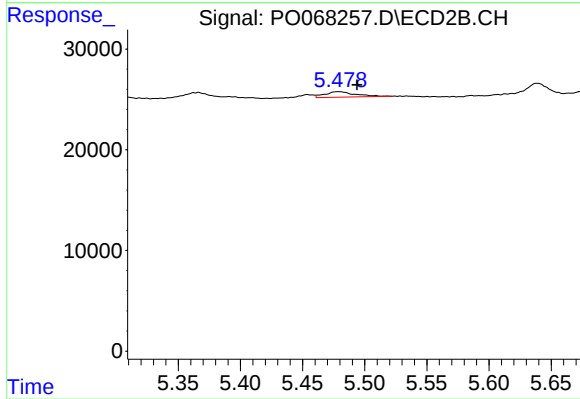
#18 AR-1242-3

R.T.: 5.366 min
Delta R.T.: -0.030 min
Response: 11811
Conc: 14.82 ng/ml



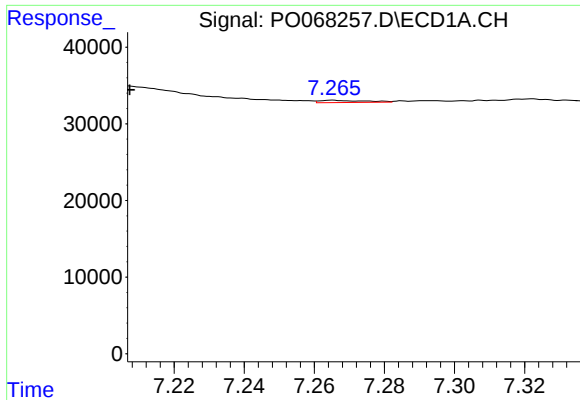
#19 AR-1242-4

R.T.: 6.441 min
Delta R.T.: 0.014 min
Response: 11064
Conc: 18.07 ng/ml



#19 AR-1242-4

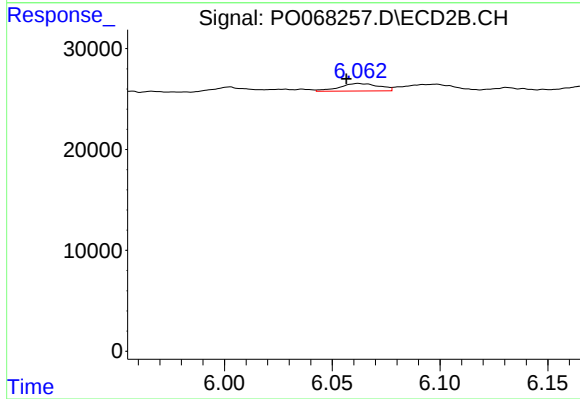
R.T.: 5.479 min
Delta R.T.: -0.015 min
Response: 9332
Conc: 12.08 ng/ml



#20 AR-1242-5

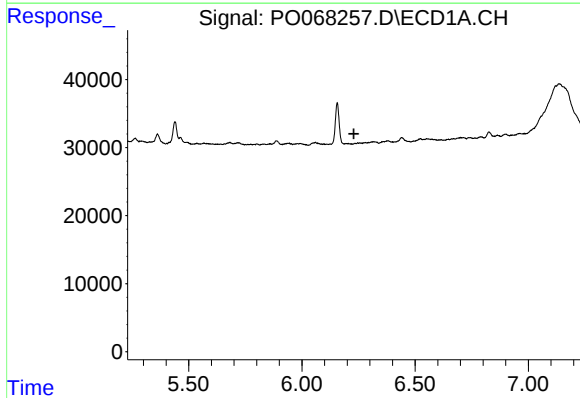
R.T.: 7.265 min
Delta R.T.: 0.058 min
Response: 2570
Conc: 3.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



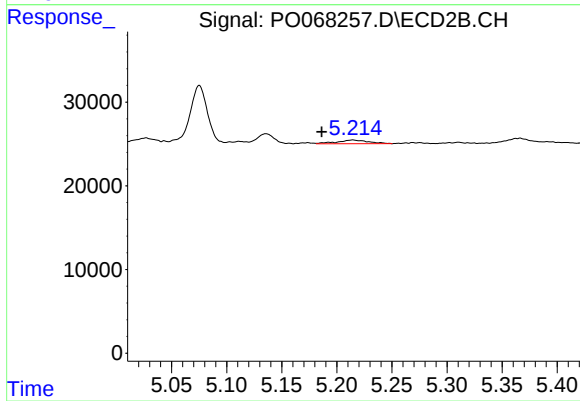
#20 AR-1242-5

R.T.: 6.062 min
Delta R.T.: 0.006 min
Response: 9522
Conc: 9.44 ng/ml



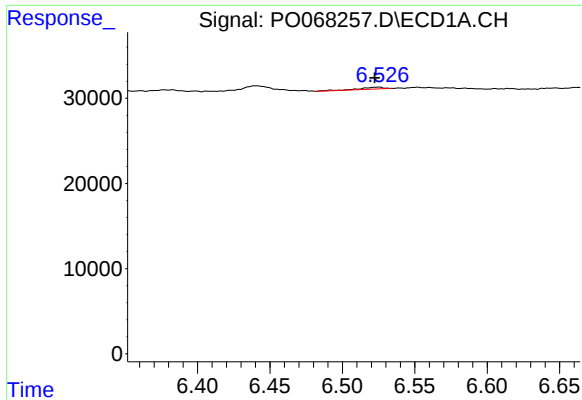
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.230 min
Response: 0
Conc: N.D.



#21 AR-1248-1

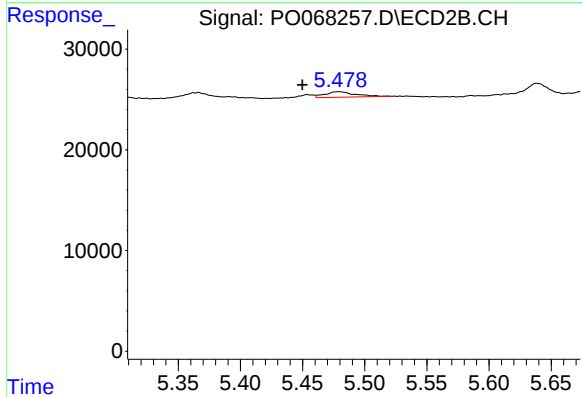
R.T.: 5.215 min
Delta R.T.: 0.028 min
Response: 8696
Conc: 10.71 ng/ml



#22 AR-1248-2

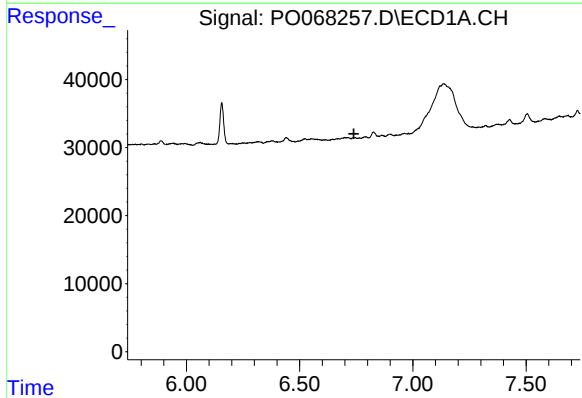
R.T.: 6.525 min
Delta R.T.: 0.002 min
Response: 2631
Conc: 3.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



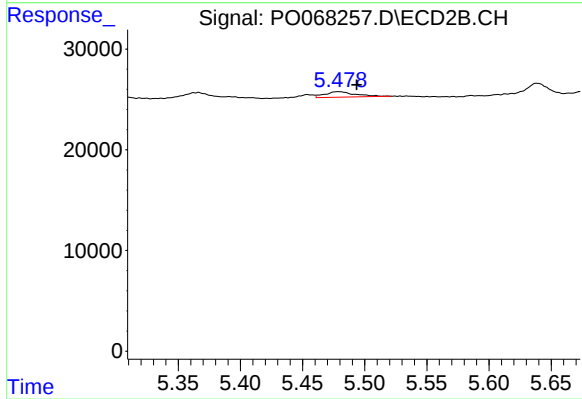
#22 AR-1248-2

R.T.: 5.479 min
Delta R.T.: 0.029 min
Response: 9332
Conc: 8.79 ng/ml



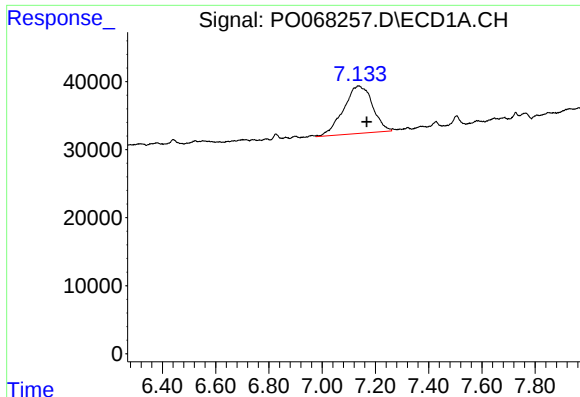
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.739 min
Response: 0
Conc: N.D.



#23 AR-1248-3

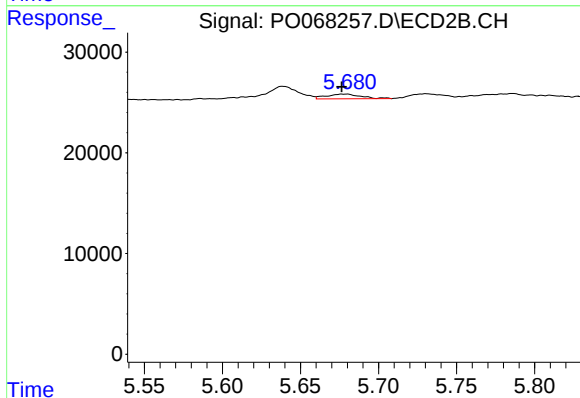
R.T.: 5.479 min
Delta R.T.: -0.015 min
Response: 9332
Conc: 8.73 ng/ml



#24 AR-1248-4

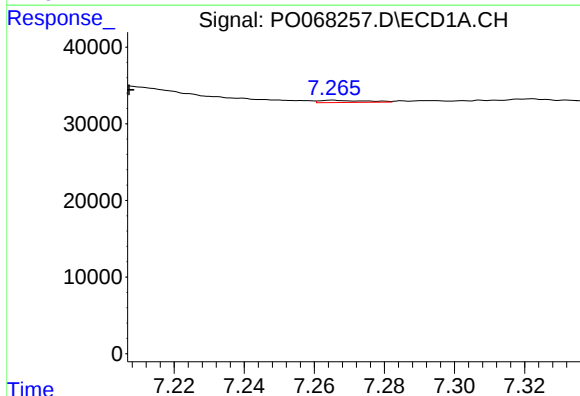
R.T.: 7.134 min
Delta R.T.: -0.033 min
Response: 526306
Conc: 446.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



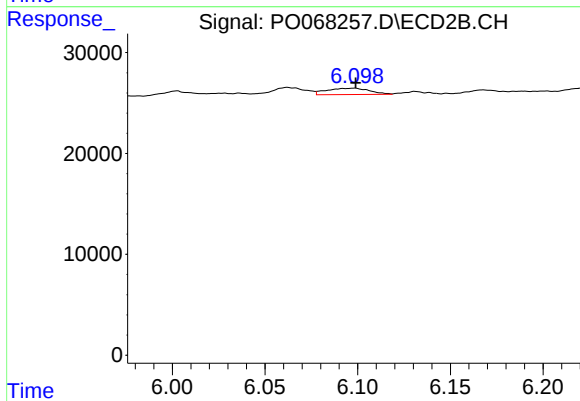
#24 AR-1248-4

R.T.: 5.679 min
Delta R.T.: 0.003 min
Response: 7296
Conc: 5.65 ng/ml



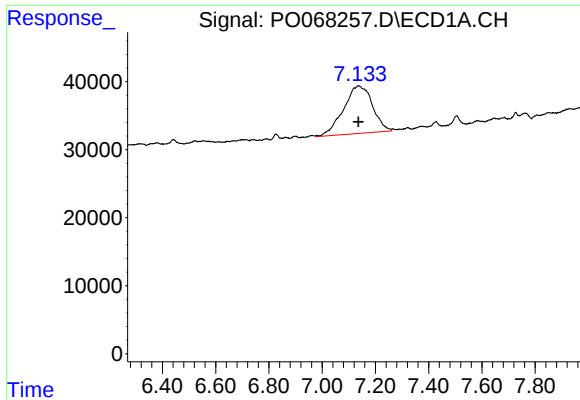
#25 AR-1248-5

R.T.: 7.265 min
Delta R.T.: 0.058 min
Response: 2570
Conc: 2.31 ng/ml



#25 AR-1248-5

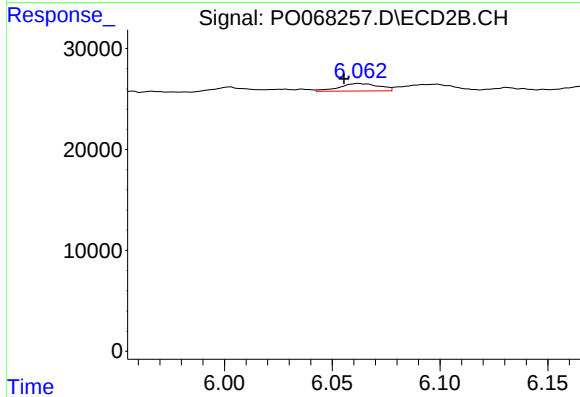
R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 10032
Conc: 7.71 ng/ml



#26 AR-1254-1

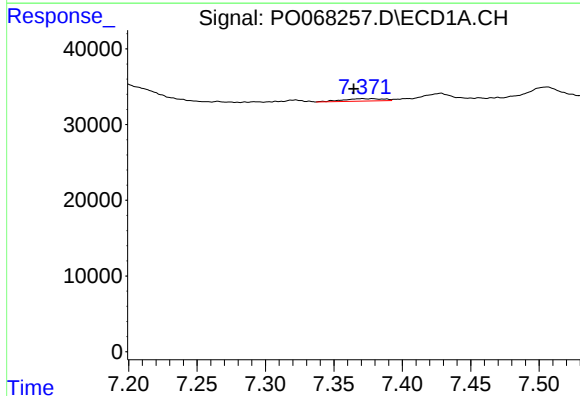
R.T.: 7.134 min
Delta R.T.: -0.001 min
Response: 526306
Conc: 442.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



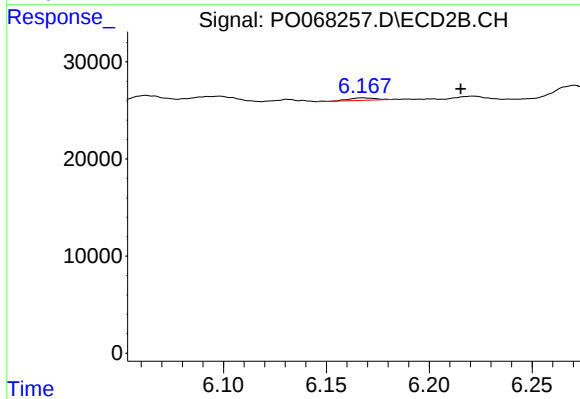
#26 AR-1254-1

R.T.: 6.062 min
Delta R.T.: 0.007 min
Response: 9522
Conc: 4.70 ng/ml



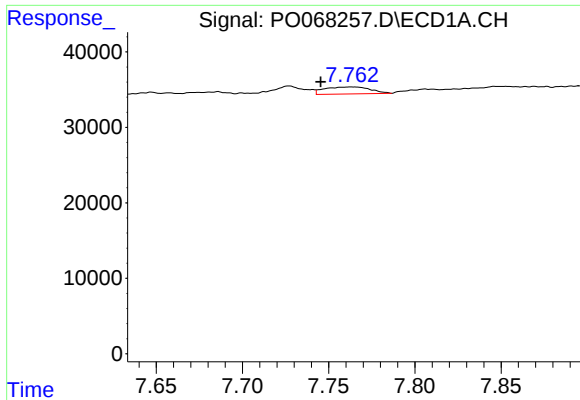
#27 AR-1254-2

R.T.: 7.371 min
Delta R.T.: 0.006 min
Response: 6611
Conc: 3.58 ng/ml



#27 AR-1254-2

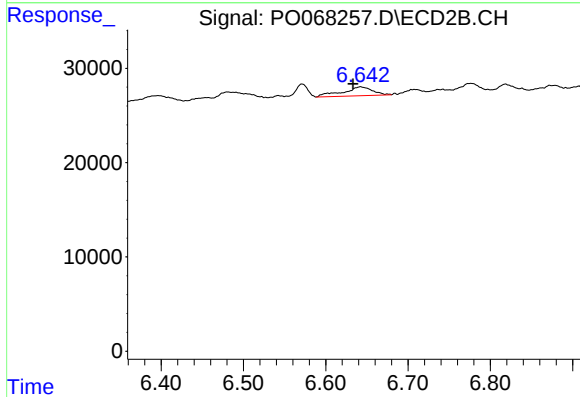
R.T.: 6.168 min
Delta R.T.: -0.048 min
Response: 2320
Conc: 1.29 ng/ml



#28 AR-1254-3

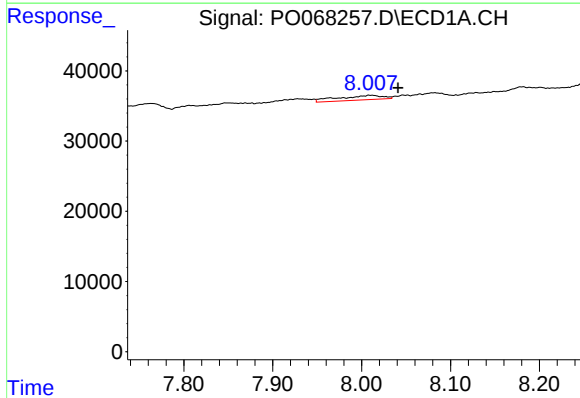
R.T.: 7.764 min
Delta R.T.: 0.018 min
Response: 17441
Conc: 9.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



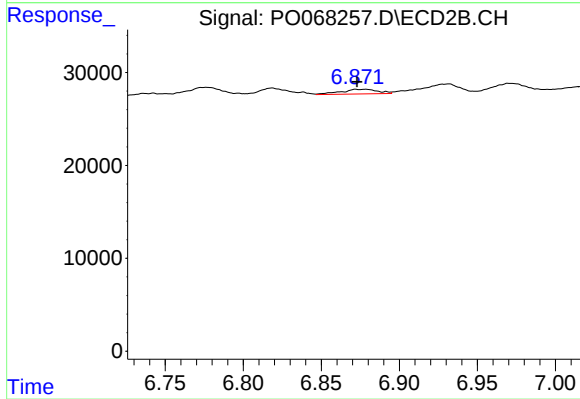
#28 AR-1254-3

R.T.: 6.642 min
Delta R.T.: 0.009 min
Response: 23985
Conc: 8.34 ng/ml



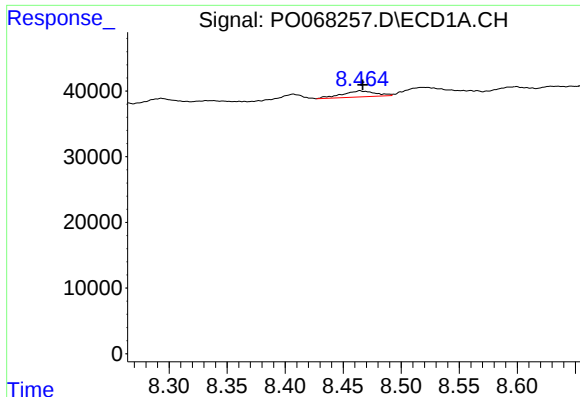
#29 AR-1254-4

R.T.: 8.009 min
Delta R.T.: -0.032 min
Response: 22619
Conc: 14.13 ng/ml



#29 AR-1254-4

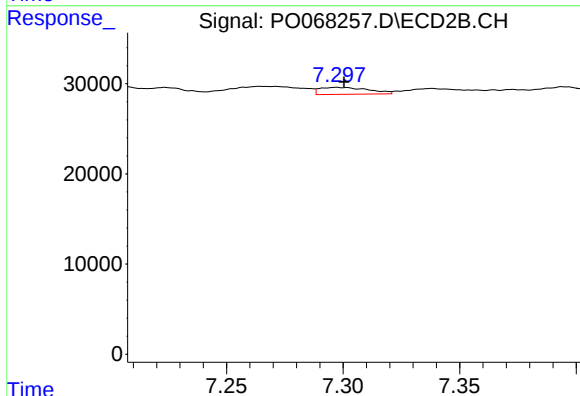
R.T.: 6.878 min
Delta R.T.: 0.006 min
Response: 8211
Conc: 4.26 ng/ml



#30 AR-1254-5

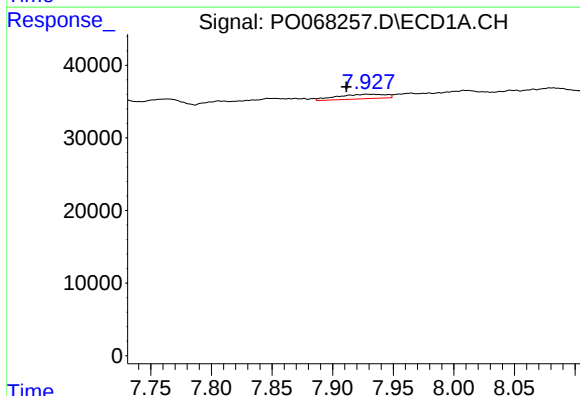
R.T.: 8.464 min
Delta R.T.: -0.003 min
Response: 18647
Conc: 11.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



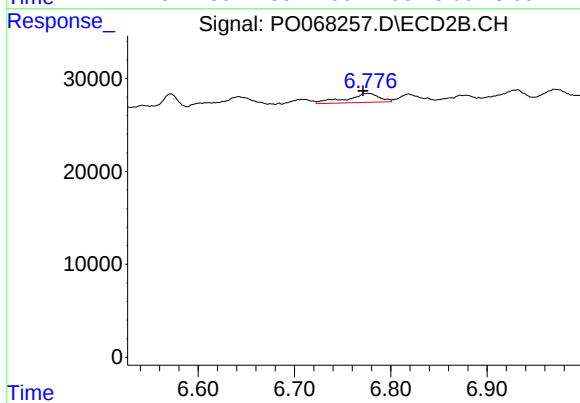
#30 AR-1254-5

R.T.: 7.297 min
Delta R.T.: -0.003 min
Response: 11272
Conc: 4.18 ng/ml



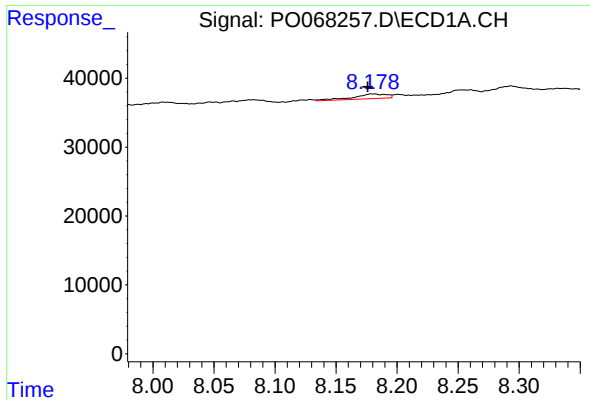
#31 AR-1260-1

R.T.: 7.928 min
Delta R.T.: 0.017 min
Response: 17524
Conc: 12.58 ng/ml



#31 AR-1260-1

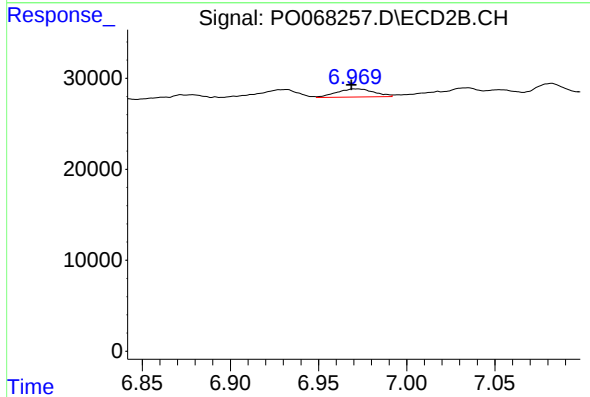
R.T.: 6.777 min
Delta R.T.: 0.005 min
Response: 23051
Conc: 12.01 ng/ml



#32 AR-1260-2

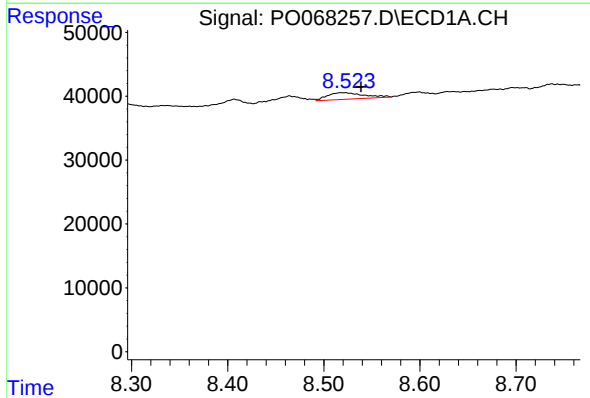
R.T.: 8.181 min
Delta R.T.: 0.005 min
Response: 12614
Conc: 7.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



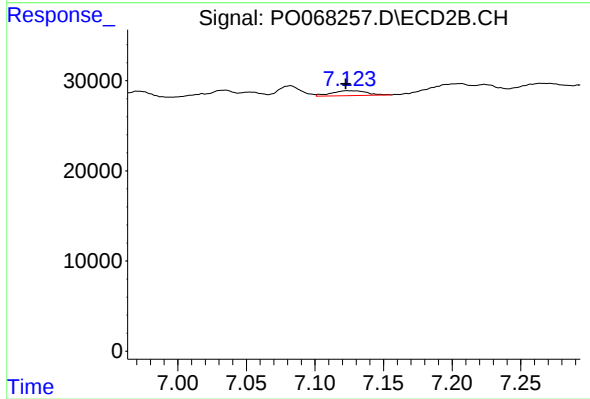
#32 AR-1260-2

R.T.: 6.971 min
Delta R.T.: 0.002 min
Response: 13165
Conc: 5.61 ng/ml



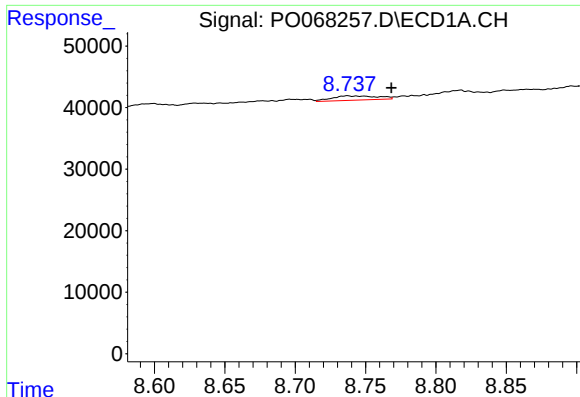
#33 AR-1260-3

R.T.: 8.521 min
Delta R.T.: -0.018 min
Response: 27107
Conc: 18.66 ng/ml



#33 AR-1260-3

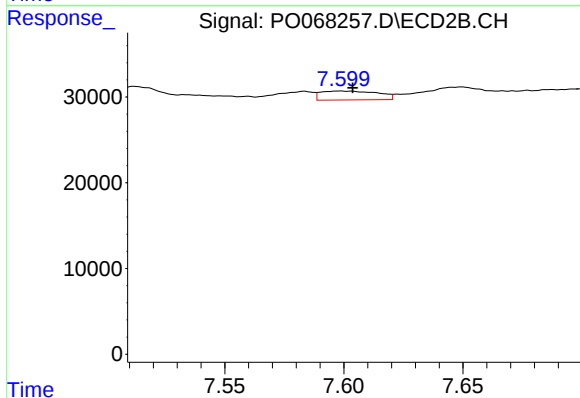
R.T.: 7.124 min
Delta R.T.: 0.001 min
Response: 9700
Conc: 4.45 ng/ml



#34 AR-1260-4

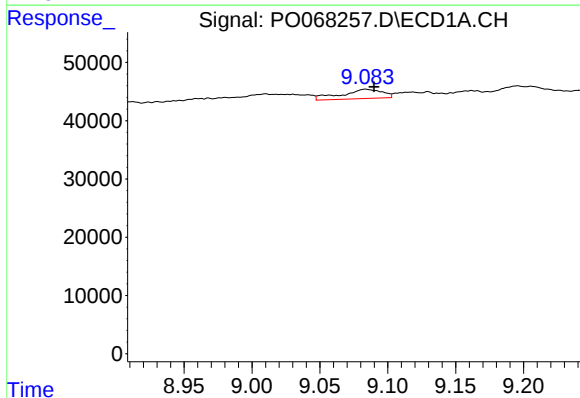
R.T.: 8.737 min
Delta R.T.: -0.031 min
Response: 16287
Conc: 10.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



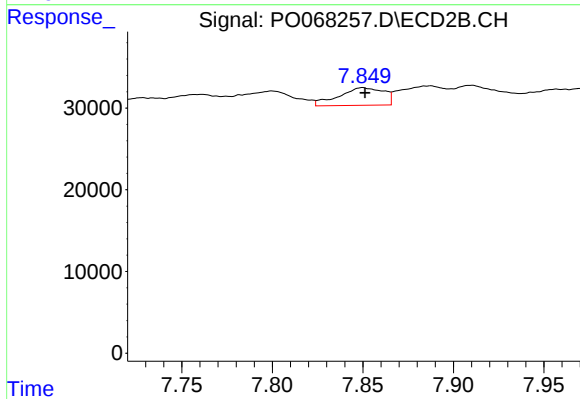
#34 AR-1260-4

R.T.: 7.599 min
Delta R.T.: -0.005 min
Response: 17332
Conc: 9.11 ng/ml



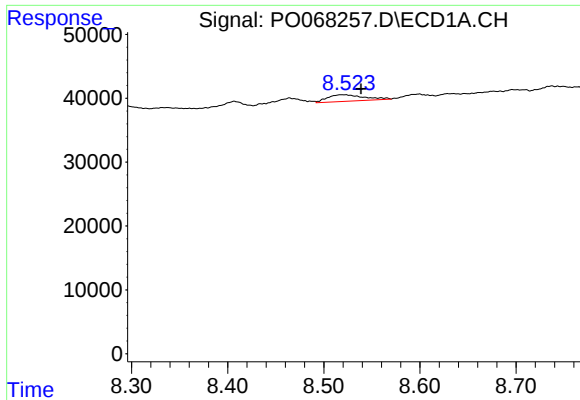
#35 AR-1260-5

R.T.: 9.084 min
Delta R.T.: -0.006 min
Response: 33535
Conc: 10.10 ng/ml



#35 AR-1260-5

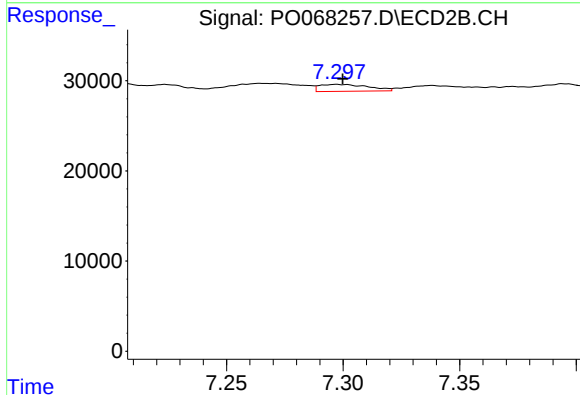
R.T.: 7.850 min
Delta R.T.: -0.001 min
Response: 36945
Conc: 8.31 ng/ml



#36 AR-1262-1

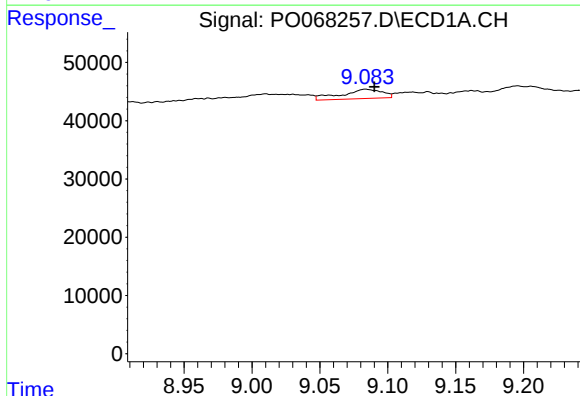
R.T.: 8.521 min
Delta R.T.: -0.017 min
Response: 27107
Conc: 13.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



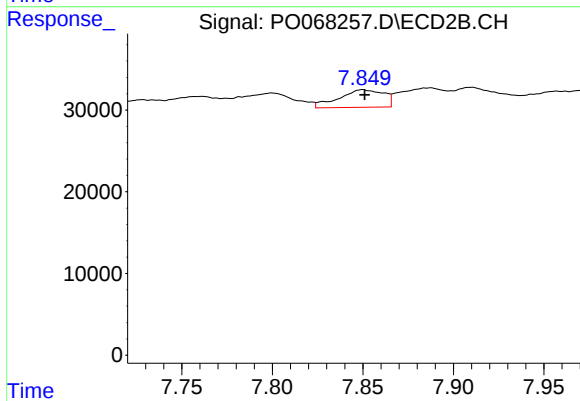
#36 AR-1262-1

R.T.: 7.297 min
Delta R.T.: -0.002 min
Response: 11272
Conc: 7.92 ng/ml



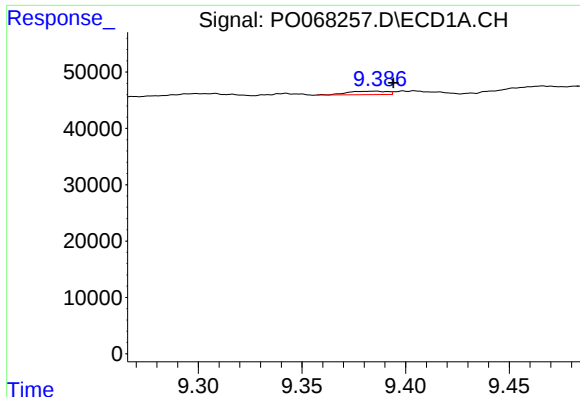
#37 AR-1262-2

R.T.: 9.084 min
Delta R.T.: -0.007 min
Response: 33535
Conc: 9.30 ng/ml



#37 AR-1262-2

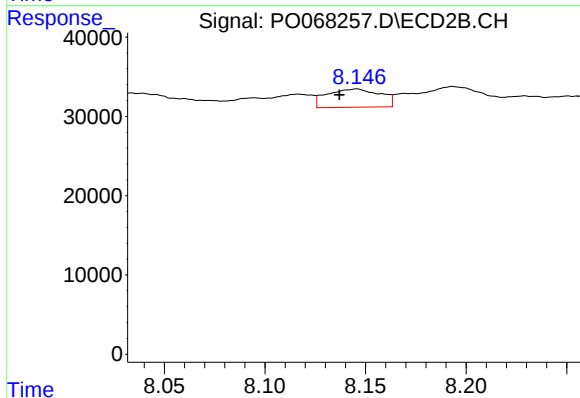
R.T.: 7.850 min
Delta R.T.: -0.001 min
Response: 36945
Conc: 7.95 ng/ml



#38 AR-1262-3

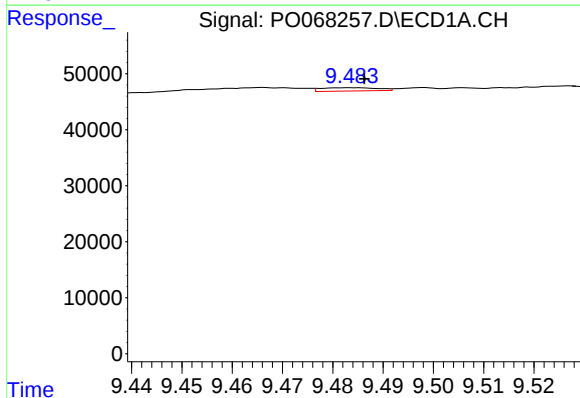
R.T.: 9.385 min
Delta R.T.: -0.009 min
Response: 8350
Conc: 3.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



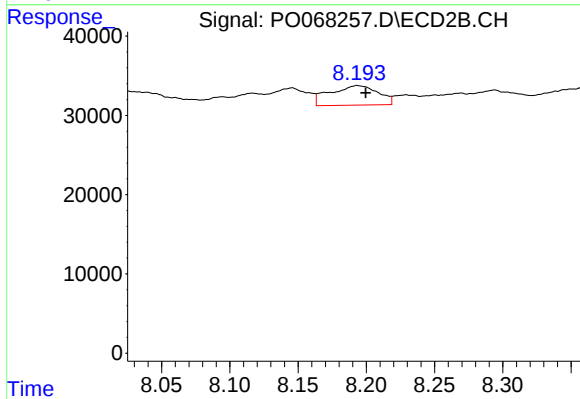
#38 AR-1262-3

R.T.: 8.145 min
Delta R.T.: 0.008 min
Response: 42495
Conc: 22.01 ng/ml



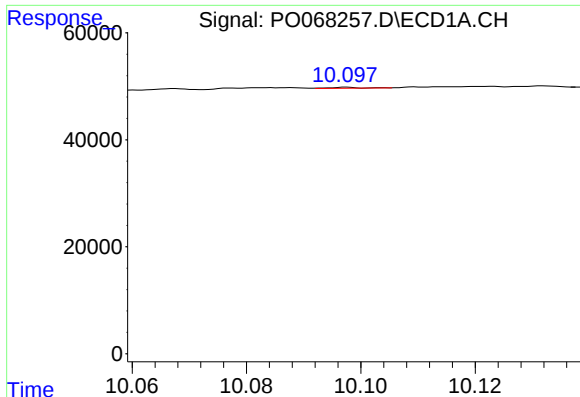
#39 AR-1262-4

R.T.: 9.484 min
Delta R.T.: -0.003 min
Response: 4694
Conc: 2.27 ng/ml



#39 AR-1262-4

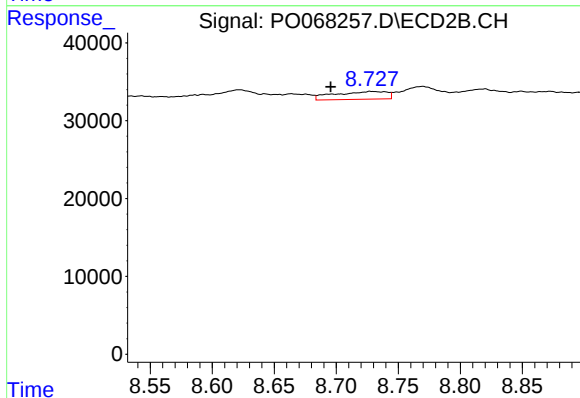
R.T.: 8.194 min
Delta R.T.: -0.006 min
Response: 60572
Conc: 17.25 ng/ml



#40 AR-1262-5

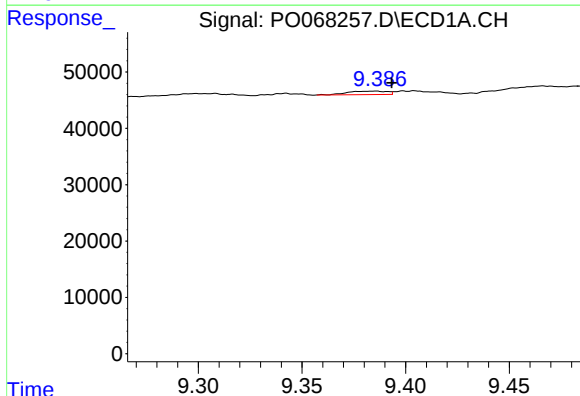
R.T.: 10.097 min
Delta R.T.: -0.044 min
Response: 945
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



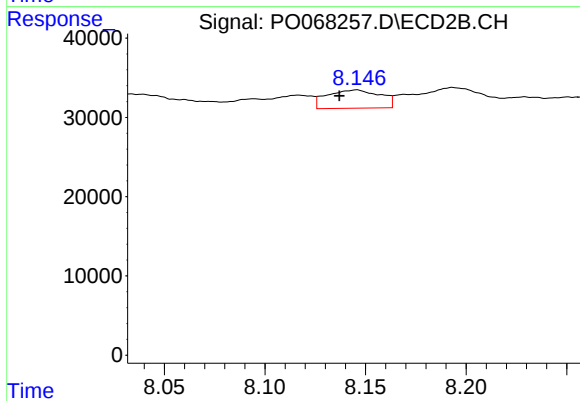
#40 AR-1262-5

R.T.: 8.728 min
Delta R.T.: 0.032 min
Response: 29069
Conc: 16.85 ng/ml



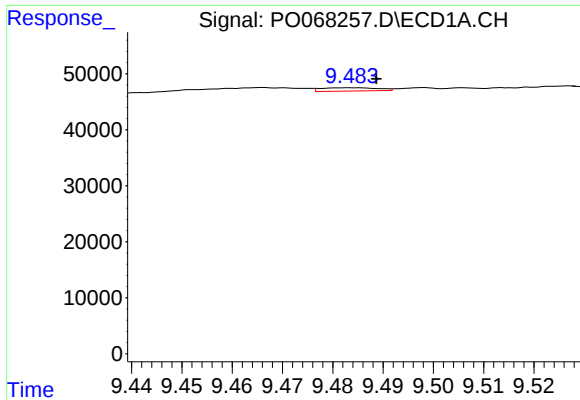
#41 AR-1268-1

R.T.: 9.385 min
Delta R.T.: -0.008 min
Response: 8350
Conc: 1.75 ng/ml



#41 AR-1268-1

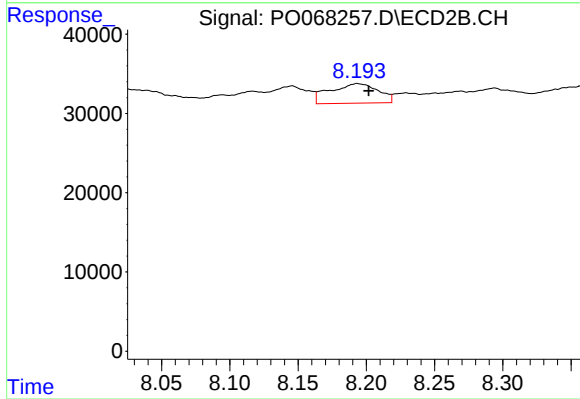
R.T.: 8.145 min
Delta R.T.: 0.008 min
Response: 42495
Conc: 7.55 ng/ml



#42 AR-1268-2

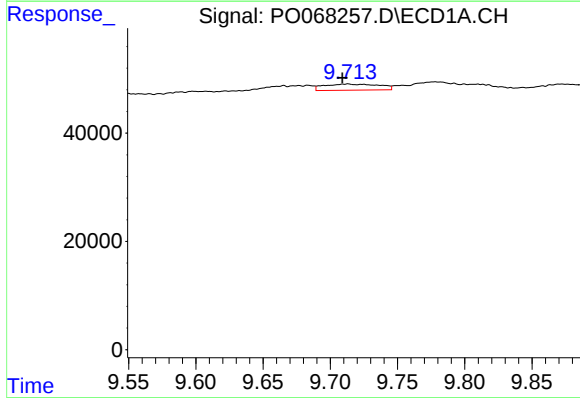
R.T.: 9.484 min
Delta R.T.: -0.005 min
Response: 4694
Conc: 1.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



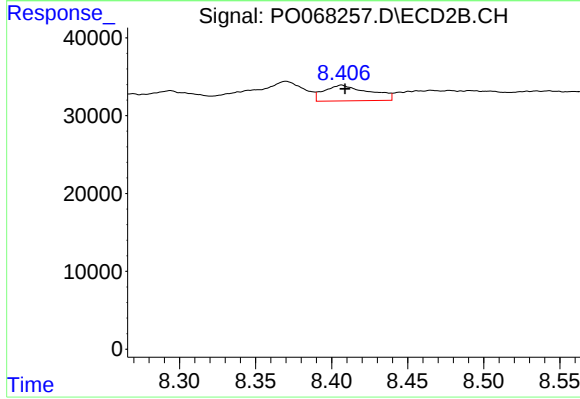
#42 AR-1268-2

R.T.: 8.194 min
Delta R.T.: -0.008 min
Response: 60572
Conc: 11.84 ng/ml



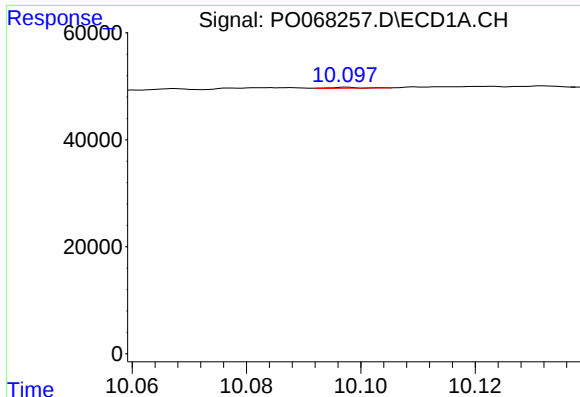
#43 AR-1268-3

R.T.: 9.713 min
Delta R.T.: 0.004 min
Response: 32348
Conc: 8.18 ng/ml



#43 AR-1268-3

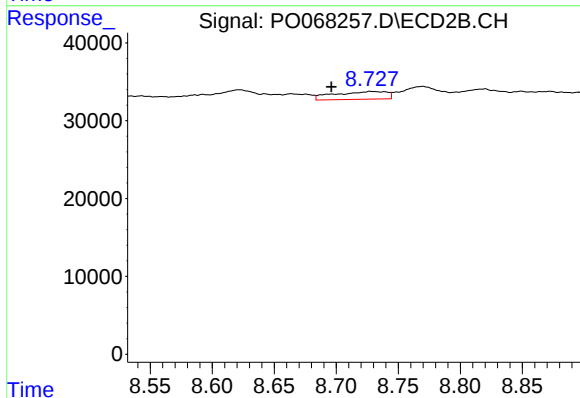
R.T.: 8.407 min
Delta R.T.: -0.002 min
Response: 41527
Conc: 9.79 ng/ml



#44 AR-1268-4

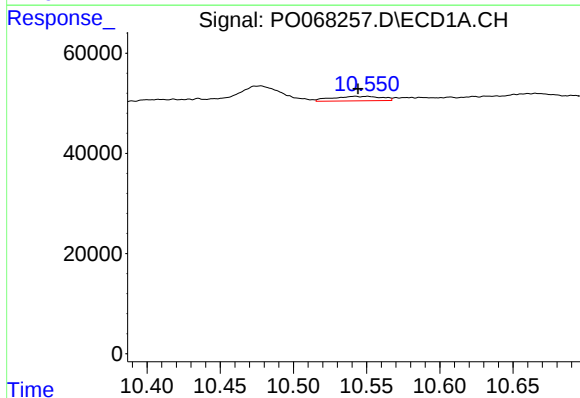
R.T.: 10.097 min
Delta R.T.: -0.045 min
Response: 945
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



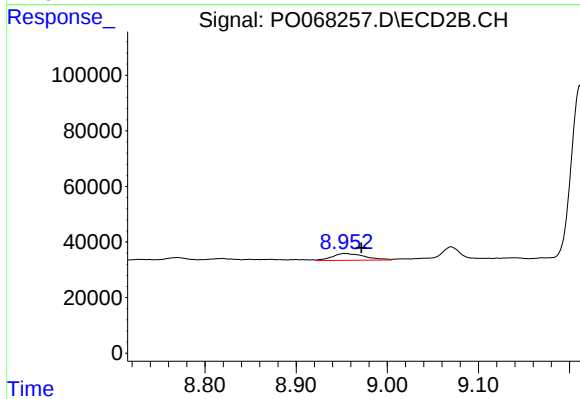
#44 AR-1268-4

R.T.: 8.728 min
Delta R.T.: 0.032 min
Response: 29069
Conc: 14.36 ng/ml



#45 AR-1268-5

R.T.: 10.542 min
Delta R.T.: -0.002 min
Response: 21076
Conc: 1.62 ng/ml



#45 AR-1268-5

R.T.: 8.953 min
Delta R.T.: -0.019 min
Response: 61360
Conc: 4.66 ng/ml