

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090519\
 Data File : P0060408.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Sep 2019 20:20
 Operator : SM/AJ
 Sample : K4680-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 01:38:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 05 17:14:47 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...	4.102	3.485	1129119	918698	32.249	25.522
2)	SA Decachlor...	9.689	8.332	76517	885629	1.438	21.964 #
Target Compounds							
3)	L1 AR-1016-1	5.327	0.000	1835	0	1.144	N.D. #
4)	L1 AR-1016-2	5.327	0.000	1835	0	0.767	N.D. #
5)	L1 AR-1016-3	5.393	0.000	11568	0	7.766	N.D. #
6)	L1 AR-1016-4	5.518	0.000	3064	0	2.533	N.D. #
7)	L1 AR-1016-5	5.786	0.000	10223	0	7.961	N.D. #
8)	L2 AR-1221-1	4.401	0.000	19582	0	46.242	N.D. #
9)	L2 AR-1221-2	4.401	0.000	19582	0	60.291	N.D. #
10)	L2 AR-1221-3	4.480	0.000	13702	0	13.026	N.D. #
11)	L3 AR-1232-1	4.480	0.000	13702	0	10.993	N.D. #
13)	L3 AR-1232-3	5.266	0.000	3985	0	2.603	N.D. #
14)	L3 AR-1232-4	5.518	0.000	3064	0	3.919	N.D. #
15)	L3 AR-1232-5	5.595	0.000	2445	0	4.067	N.D. #
16)	L4 AR-1242-1	5.266	0.000	3985	0	3.139	N.D. #
17)	L4 AR-1242-2	5.266	0.000	3985	0	2.148	N.D. #
18)	L4 AR-1242-3	5.354	0.000	2740	0	2.345	N.D. #
19)	L4 AR-1242-4	5.518	0.000	3064	0	3.166	N.D. #
20)	L4 AR-1242-5	6.231	0.000	5603	0	4.459	N.D. #
21)	L5 AR-1248-1	5.266	0.000	3985	0	3.975	N.D. #
22)	L5 AR-1248-2	5.518	0.000	3064	0	2.112	N.D. #
23)	L5 AR-1248-3	5.725	0.000	12909	0	7.767	N.D. #
24)	L5 AR-1248-4	6.151	0.000	6808	0	3.330	N.D. #
25)	L5 AR-1248-5	6.180	0.000	8306	0	4.188	N.D. #
26)	L6 AR-1254-1	6.110	0.000	13688	0	6.561	N.D. #
27)	L6 AR-1254-2	6.301	5.514	36735	368617	11.011	175.674 #
28)	L6 AR-1254-3	6.713	5.851	10397	54215	2.930	16.123 #
29)	L6 AR-1254-4	6.984	6.111	29255	35127	9.932	17.037 #
30)	L6 AR-1254-5	7.387	6.515	71696	62114	23.185	20.005
31)	L7 AR-1260-1	6.870	5.974	7590	40796	2.815	17.902 #
32)	L7 AR-1260-2	7.152	6.198	19121	54894	5.153	18.736 #
33)	L7 AR-1260-3	7.487	6.384	69544	35758	21.226	13.498 #
34)	L7 AR-1260-4	7.736	6.812	99251	33883	32.315	14.975 #
35)	L7 AR-1260-5	8.007	7.015	104653	125095	14.780	22.731 #
36)	L8 AR-1262-1	7.528	6.515	4129	62114	0.851	16.663 #
37)	L8 AR-1262-2	8.007	7.015	104653	125095	13.563	21.278 #
38)	L8 AR-1262-3	8.308	7.288	191436	41820	37.519	16.458 #
39)	L8 AR-1262-4	8.364	7.353	32086	106750	8.324	24.157 #
40)	L8 AR-1262-5	8.910	7.845	162696	54960	63.391	30.440 #
41)	L9 AR-1268-1	8.308	7.288	191436	41820	20.342	5.873 #
42)	L9 AR-1268-2	8.364	7.353	32086	106750	4.070	16.555 #

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 Operator : SM/AJ
 Sample : K4680-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

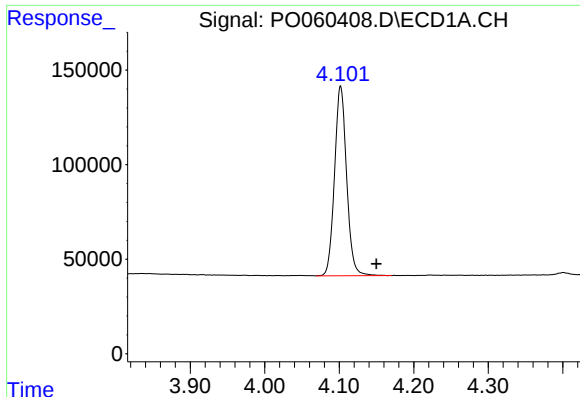
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 01:38:38 2019
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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
43) L9	AR-1268-3	8.620	0.000	92925	0	13.183	N.D. #
44) L9	AR-1268-4	8.910	7.845	162696	54960	58.523	26.924 #
45) L9	AR-1268-5	9.336	8.111	7887	27597	0.428	1.899 #

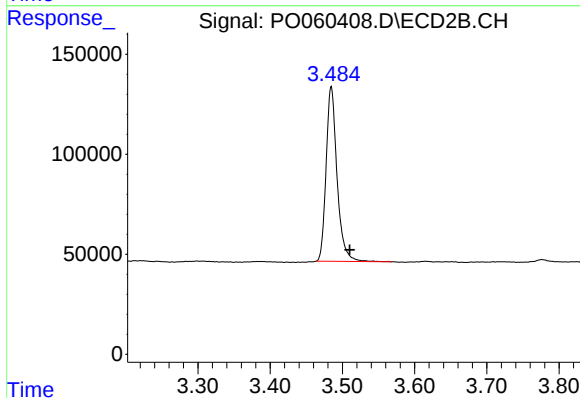
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

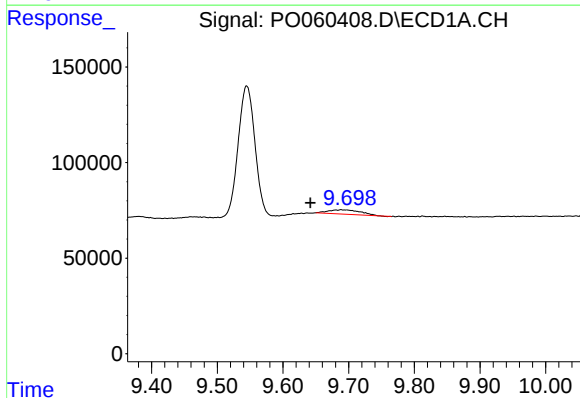
R.T.: 4.102 min
Delta R.T.: -0.048 min
Response: 1129119
Conc: 32.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



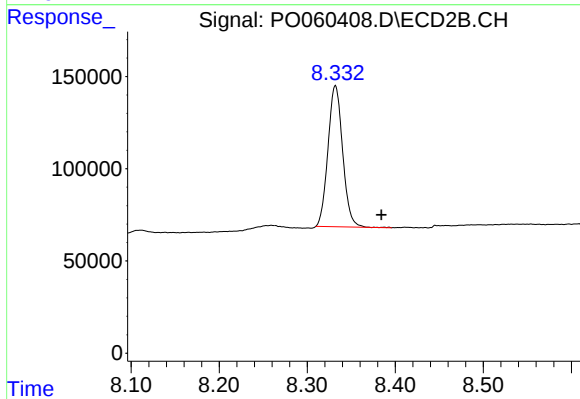
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: -0.026 min
Response: 918698
Conc: 25.52 ng/ml



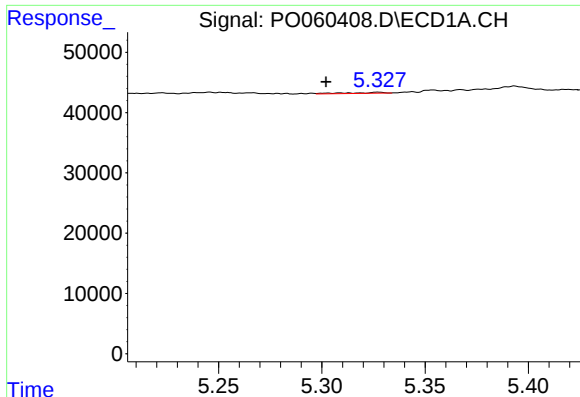
#2 Decachlorobiphenyl

R.T.: 9.689 min
Delta R.T.: 0.047 min
Response: 76517
Conc: 1.44 ng/ml



#2 Decachlorobiphenyl

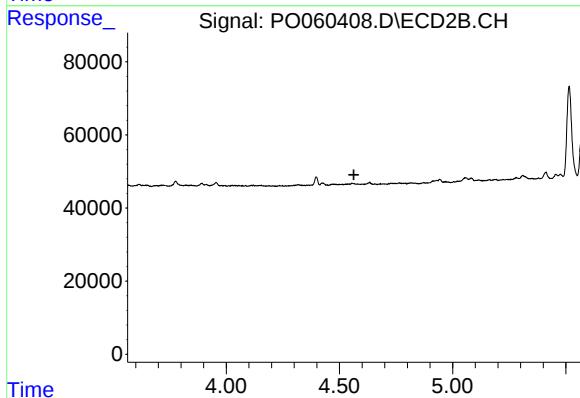
R.T.: 8.332 min
Delta R.T.: -0.052 min
Response: 885629
Conc: 21.96 ng/ml



#3 AR-1016-1

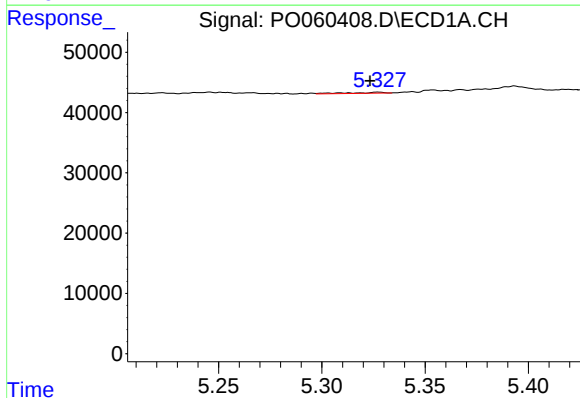
R.T.: 5.327 min
Delta R.T.: 0.025 min
Response: 1835
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



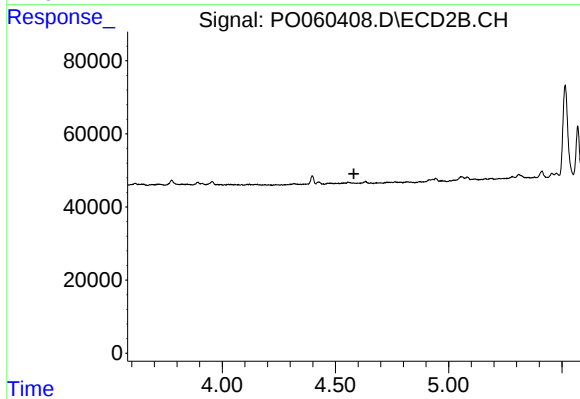
#3 AR-1016-1

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



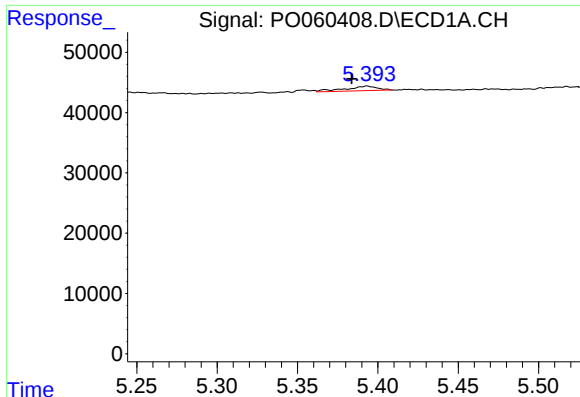
#4 AR-1016-2

R.T.: 5.327 min
Delta R.T.: 0.004 min
Response: 1835
Conc: 0.77 ng/ml



#4 AR-1016-2

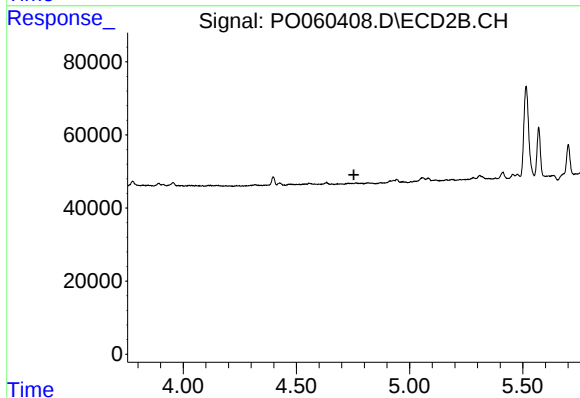
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#5 AR-1016-3

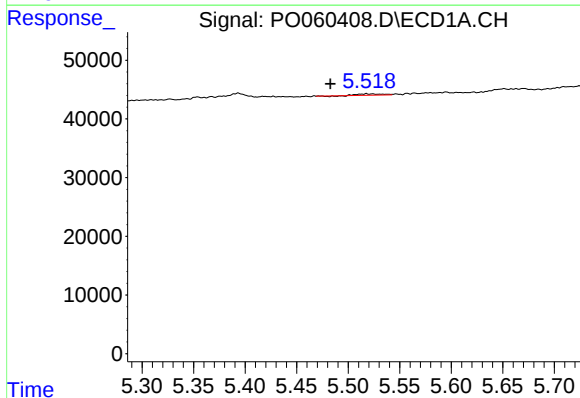
R.T.: 5.393 min
Delta R.T.: 0.010 min
Response: 11568
Conc: 7.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



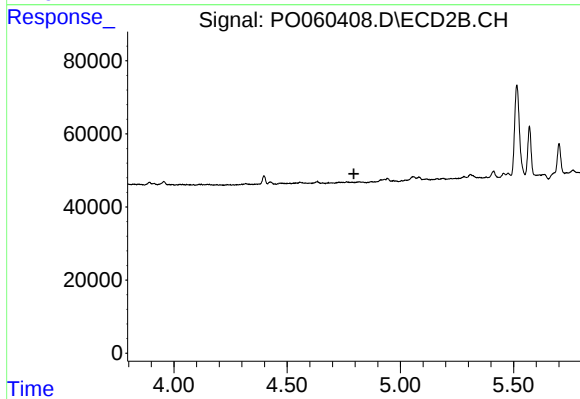
#5 AR-1016-3

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



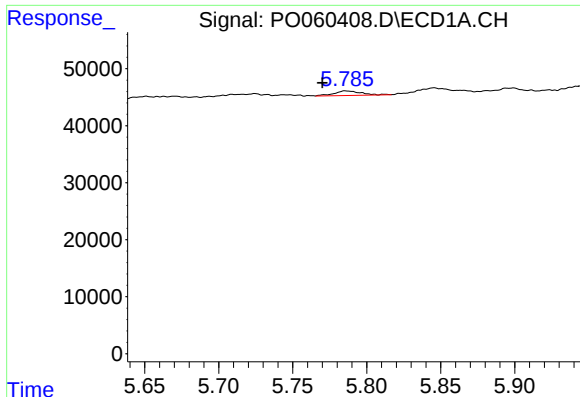
#6 AR-1016-4

R.T.: 5.518 min
Delta R.T.: 0.035 min
Response: 3064
Conc: 2.53 ng/ml



#6 AR-1016-4

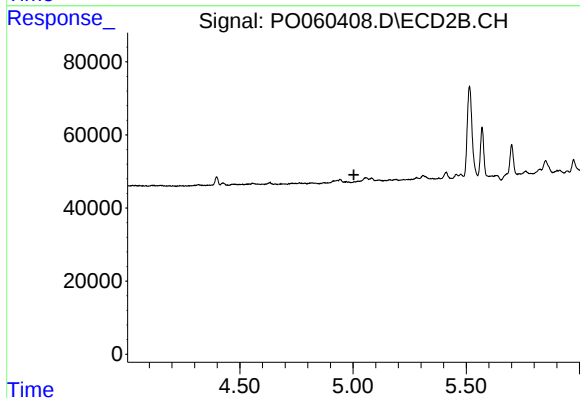
R.T.: 0.000 min
Exp R.T. : 4.795 min
Response: 0
Conc: N.D.



#7 AR-1016-5

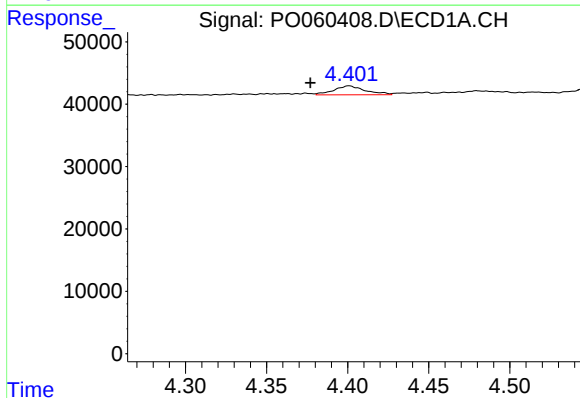
R.T.: 5.786 min
Delta R.T.: 0.016 min
Response: 10223
Conc: 7.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



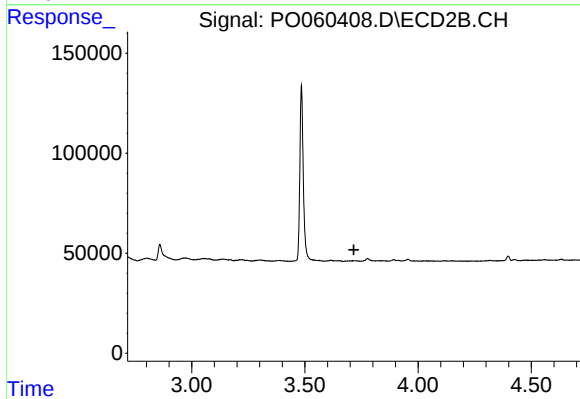
#7 AR-1016-5

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



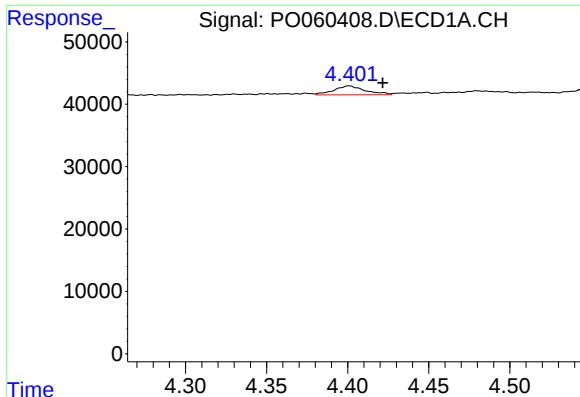
#8 AR-1221-1

R.T.: 4.401 min
Delta R.T.: 0.024 min
Response: 19582
Conc: 46.24 ng/ml



#8 AR-1221-1

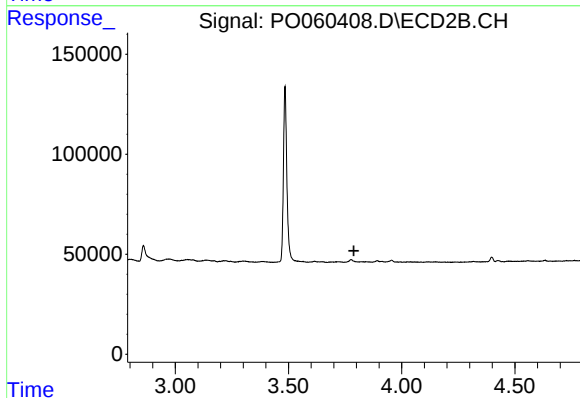
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

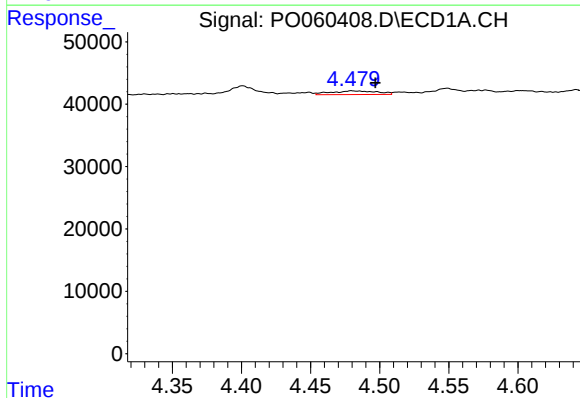
R.T.: 4.401 min
Delta R.T.: -0.021 min
Response: 19582
Conc: 60.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



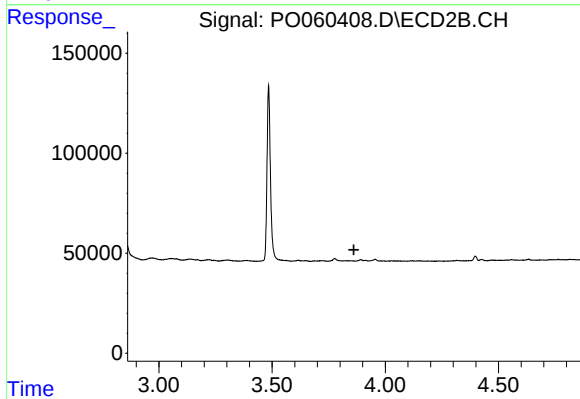
#9 AR-1221-2

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



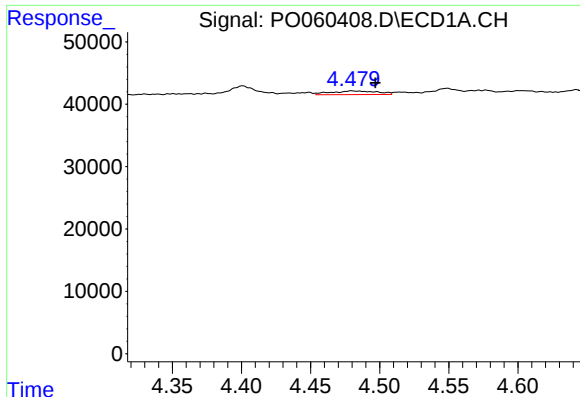
#10 AR-1221-3

R.T.: 4.480 min
Delta R.T.: -0.017 min
Response: 13702
Conc: 13.03 ng/ml



#10 AR-1221-3

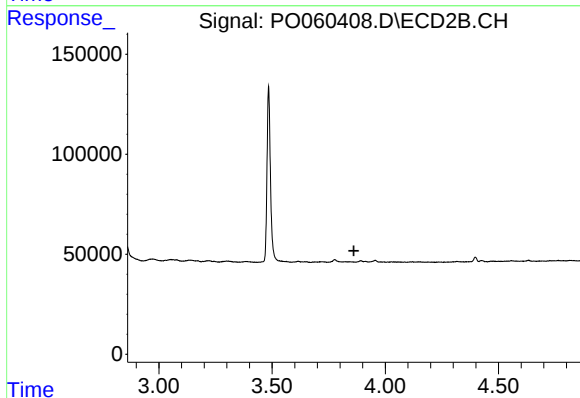
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

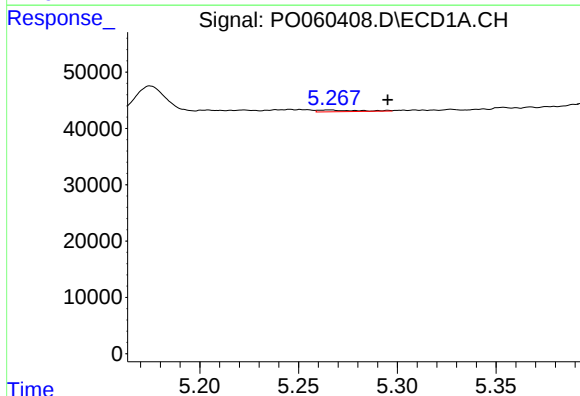
R.T.: 4.480 min
Delta R.T.: -0.017 min
Response: 13702
Conc: 10.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



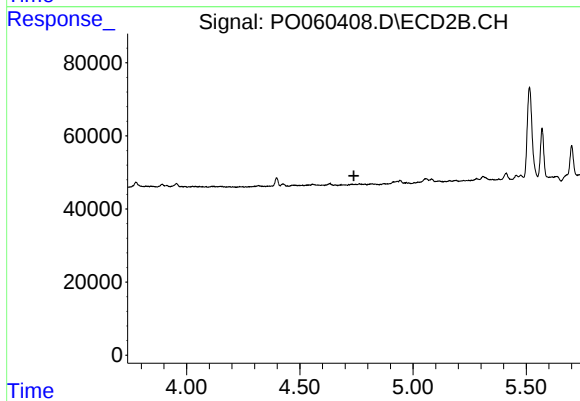
#11 AR-1232-1

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



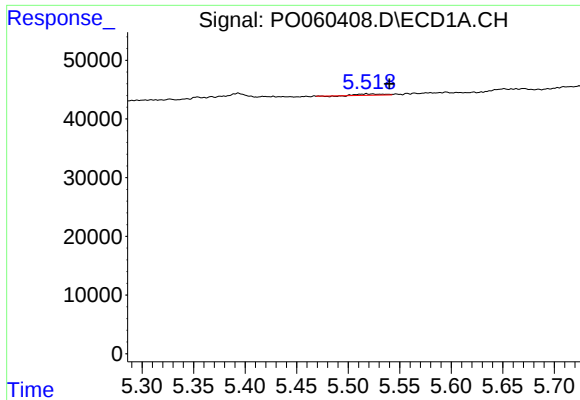
#13 AR-1232-3

R.T.: 5.266 min
Delta R.T.: -0.030 min
Response: 3985
Conc: 2.60 ng/ml



#13 AR-1232-3

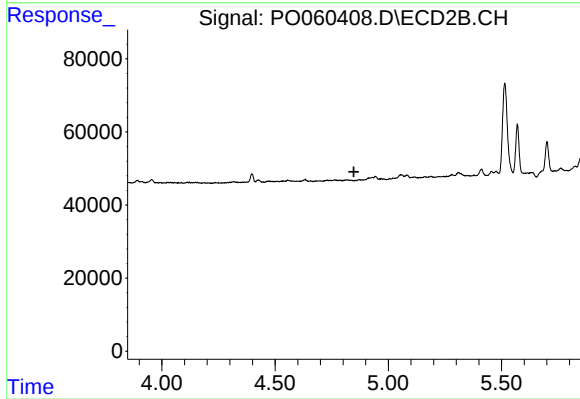
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#14 AR-1232-4

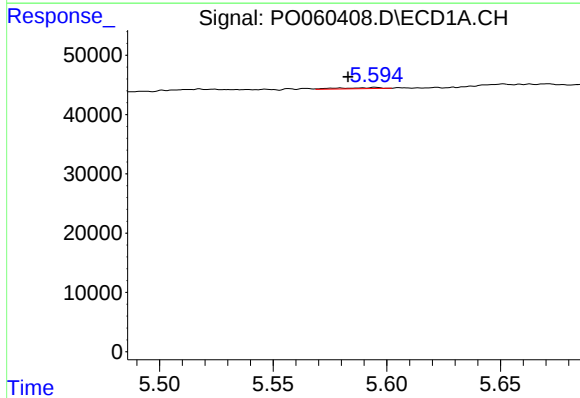
R.T.: 5.518 min
Delta R.T.: -0.022 min
Response: 3064
Conc: 3.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



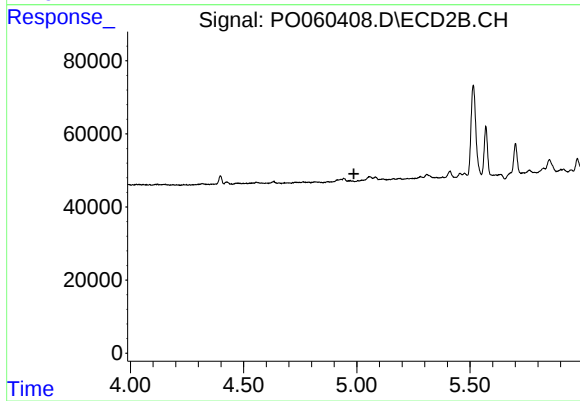
#14 AR-1232-4

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



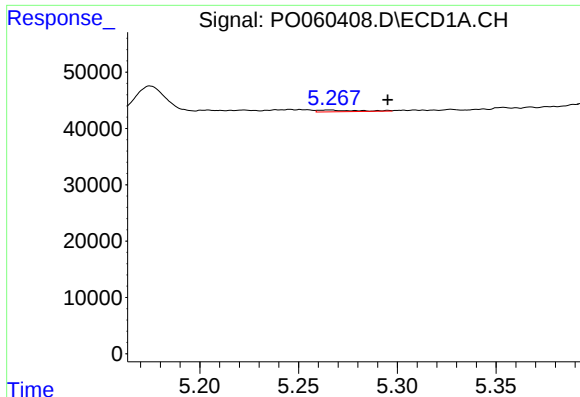
#15 AR-1232-5

R.T.: 5.595 min
Delta R.T.: 0.012 min
Response: 2445
Conc: 4.07 ng/ml



#15 AR-1232-5

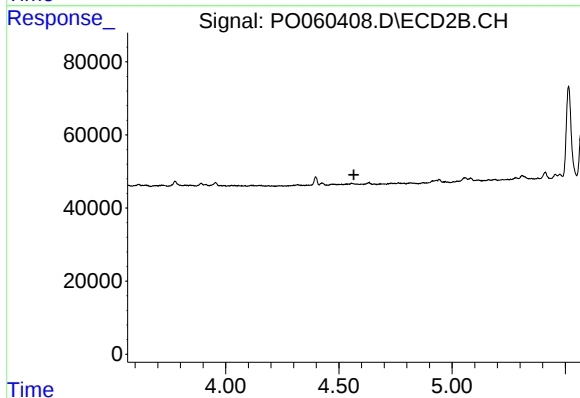
R.T.: 0.000 min
Exp R.T. : 4.987 min
Response: 0
Conc: N.D.



#16 AR-1242-1

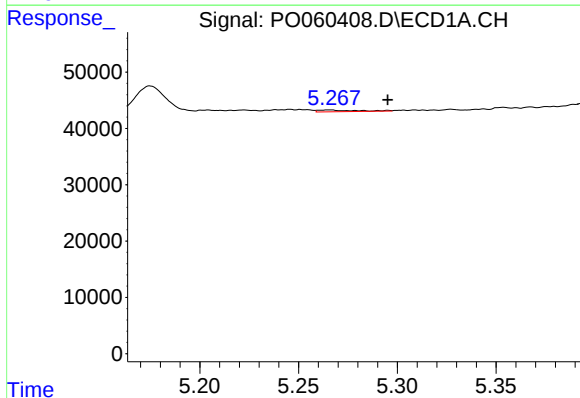
R.T.: 5.266 min
Delta R.T.: -0.030 min
Response: 3985
Conc: 3.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



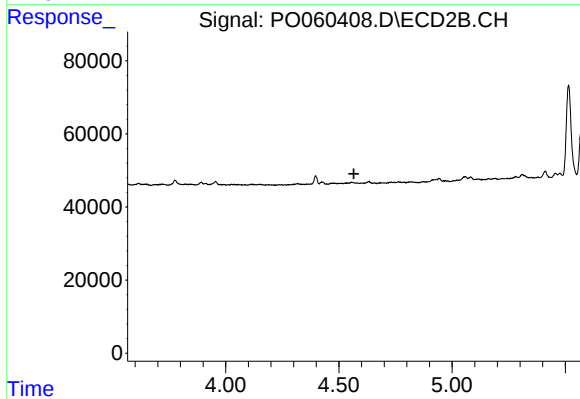
#16 AR-1242-1

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



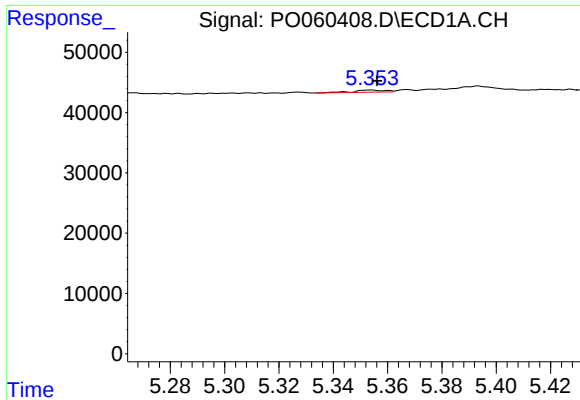
#17 AR-1242-2

R.T.: 5.266 min
Delta R.T.: -0.030 min
Response: 3985
Conc: 2.15 ng/ml



#17 AR-1242-2

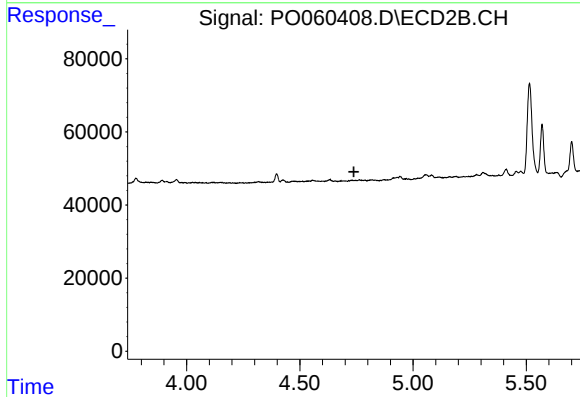
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#18 AR-1242-3

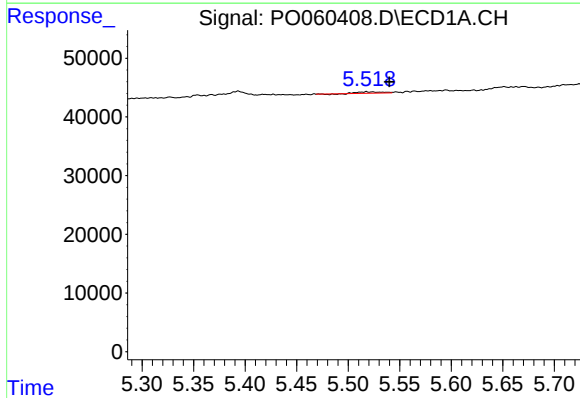
R.T.: 5.354 min
Delta R.T.: -0.003 min
Response: 2740
Conc: 2.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



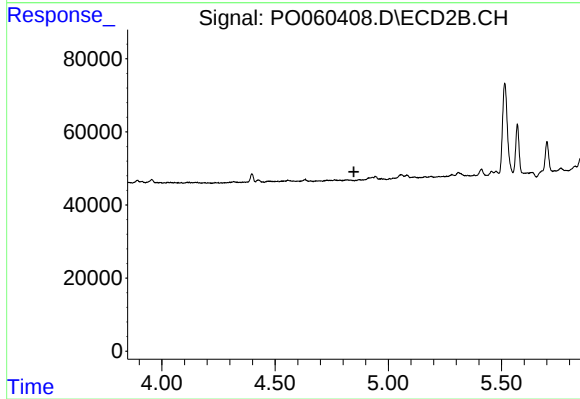
#18 AR-1242-3

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



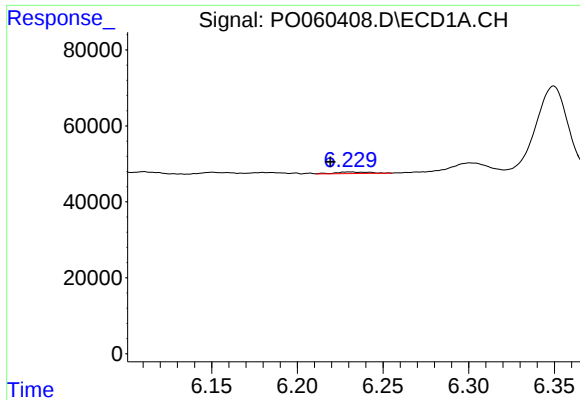
#19 AR-1242-4

R.T.: 5.518 min
Delta R.T.: -0.022 min
Response: 3064
Conc: 3.17 ng/ml



#19 AR-1242-4

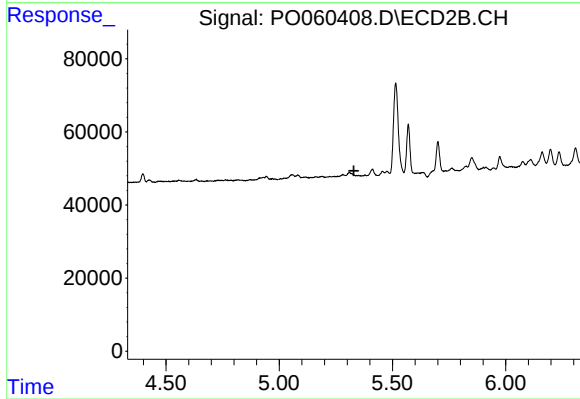
R.T.: 0.000 min
Exp R.T. : 4.848 min
Response: 0
Conc: N.D.



#20 AR-1242-5

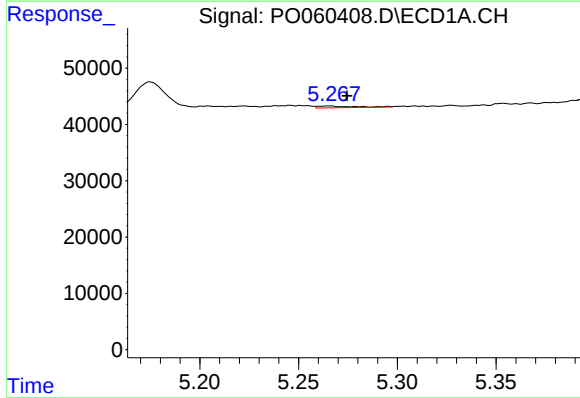
R.T.: 6.231 min
Delta R.T.: 0.012 min
Response: 5603
Conc: 4.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



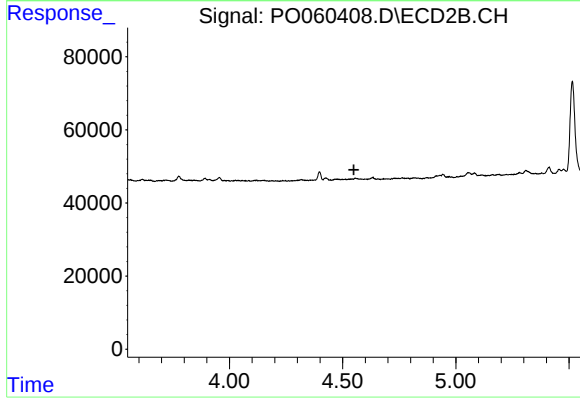
#20 AR-1242-5

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



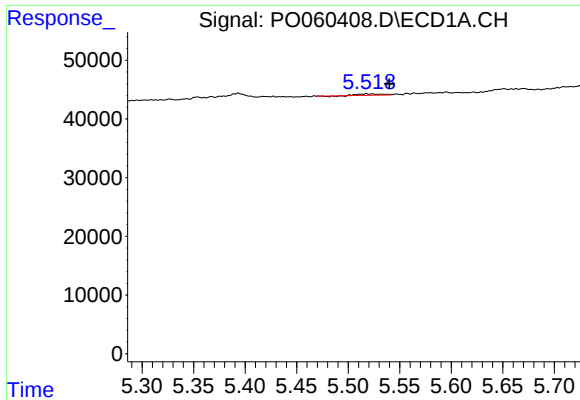
#21 AR-1248-1

R.T.: 5.266 min
Delta R.T.: -0.009 min
Response: 3985
Conc: 3.98 ng/ml



#21 AR-1248-1

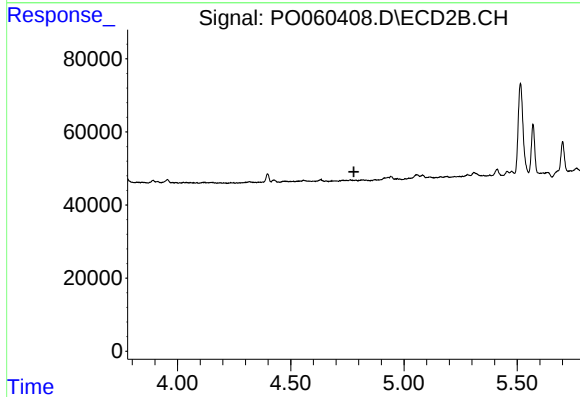
R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



#22 AR-1248-2

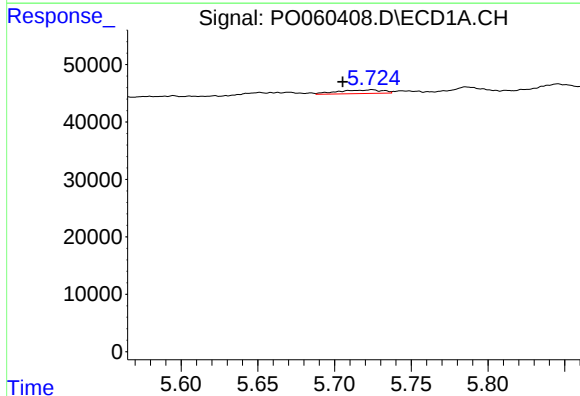
R.T.: 5.518 min
Delta R.T.: -0.022 min
Response: 3064
Conc: 2.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



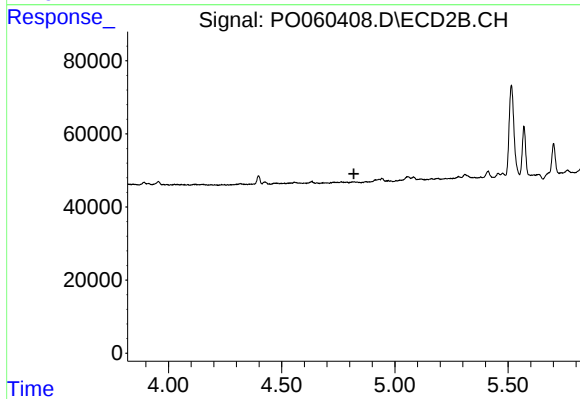
#22 AR-1248-2

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



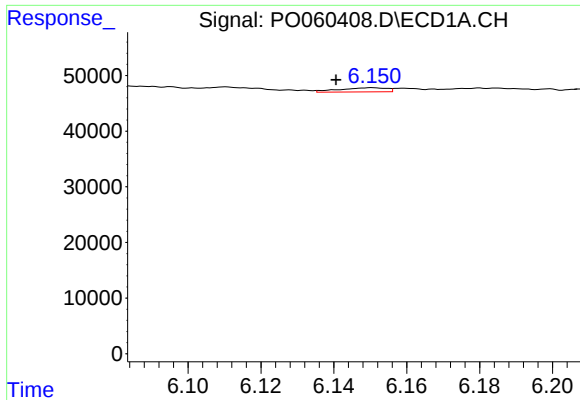
#23 AR-1248-3

R.T.: 5.725 min
Delta R.T.: 0.019 min
Response: 12909
Conc: 7.77 ng/ml



#23 AR-1248-3

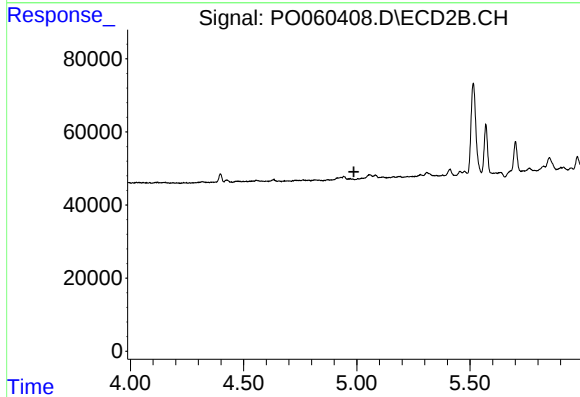
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



#24 AR-1248-4

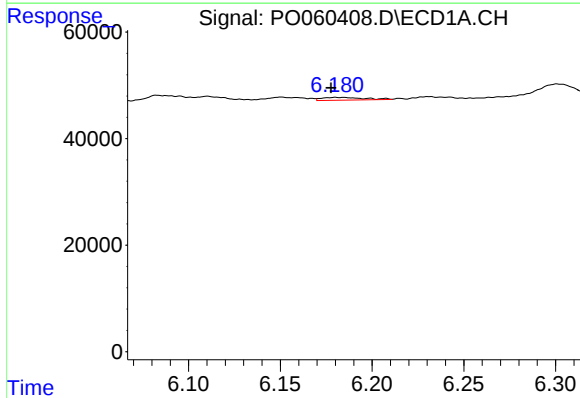
R.T.: 6.151 min
Delta R.T.: 0.010 min
Response: 6808
Conc: 3.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



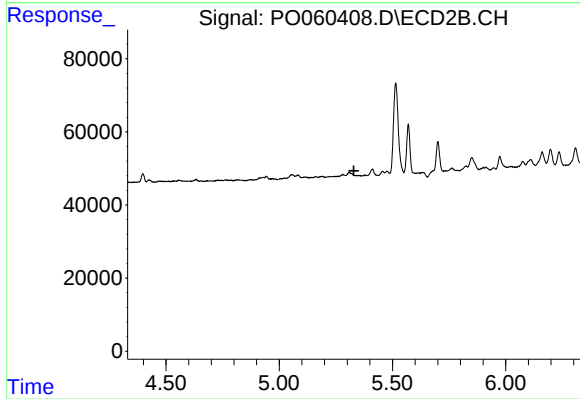
#24 AR-1248-4

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



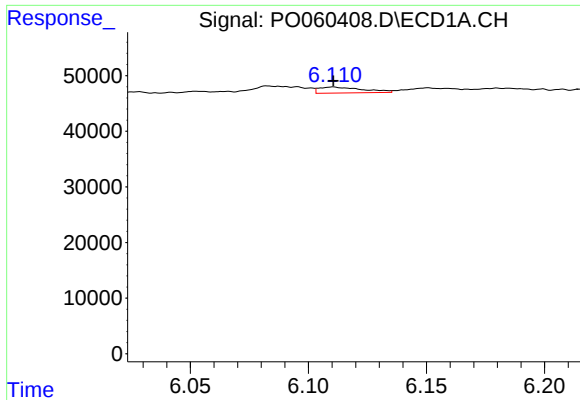
#25 AR-1248-5

R.T.: 6.180 min
Delta R.T.: 0.003 min
Response: 8306
Conc: 4.19 ng/ml



#25 AR-1248-5

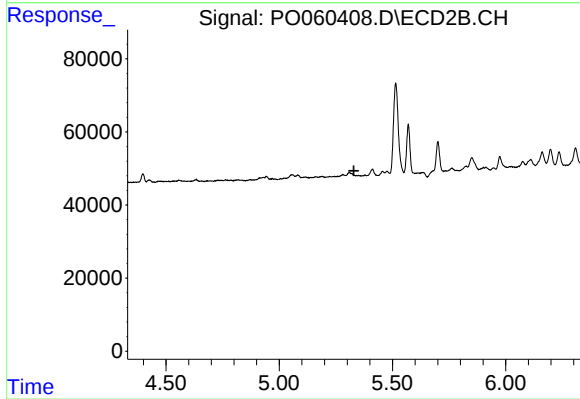
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#26 AR-1254-1

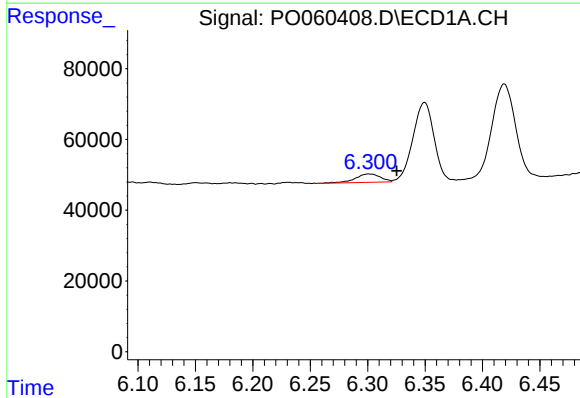
R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 13688
Conc: 6.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



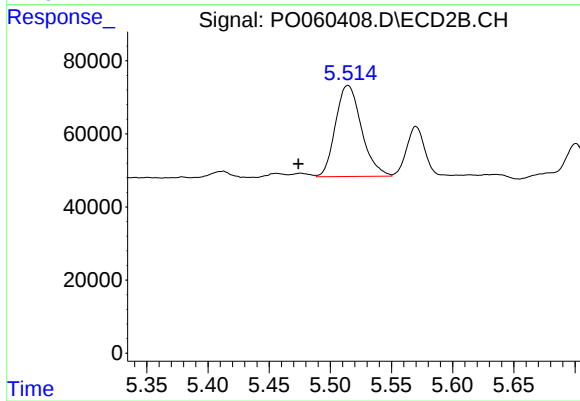
#26 AR-1254-1

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



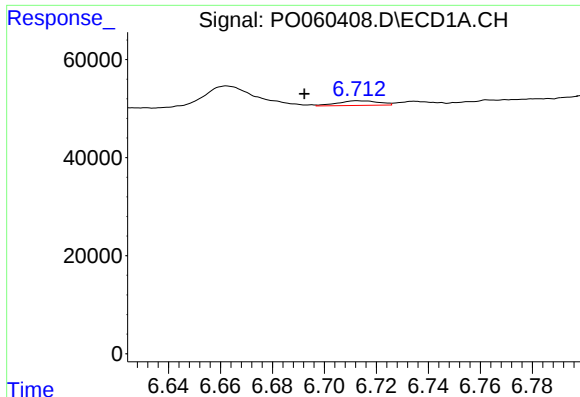
#27 AR-1254-2

R.T.: 6.301 min
Delta R.T.: -0.024 min
Response: 36735
Conc: 11.01 ng/ml



#27 AR-1254-2

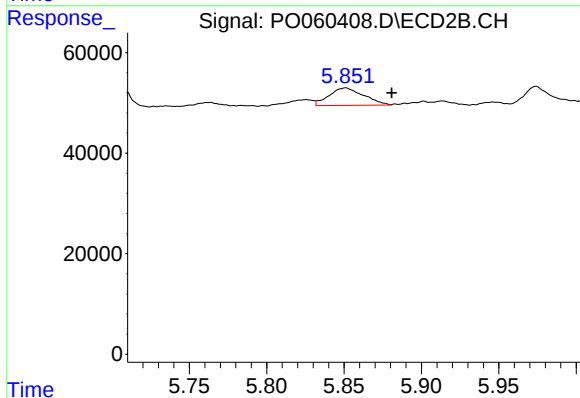
R.T.: 5.514 min
Delta R.T.: 0.040 min
Response: 368617
Conc: 175.67 ng/ml



#28 AR-1254-3

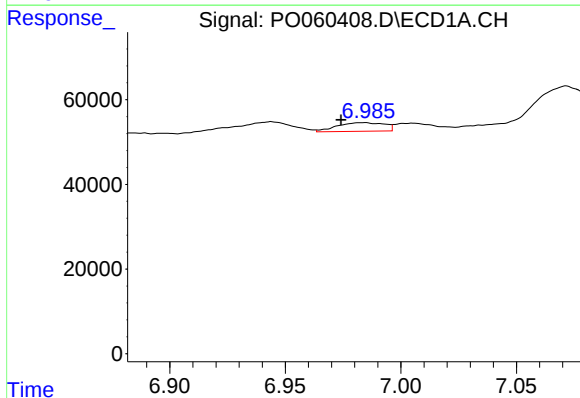
R.T.: 6.713 min
Delta R.T.: 0.021 min
Response: 10397
Conc: 2.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



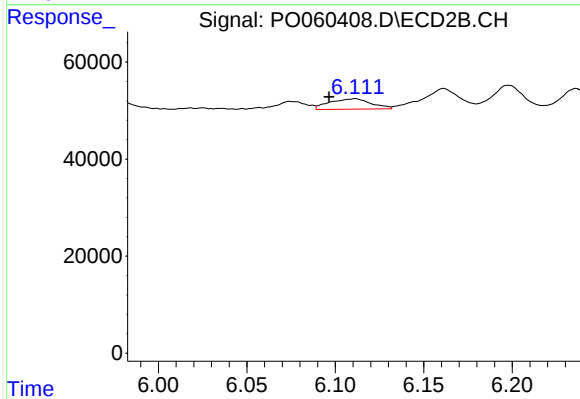
#28 AR-1254-3

R.T.: 5.851 min
Delta R.T.: -0.030 min
Response: 54215
Conc: 16.12 ng/ml



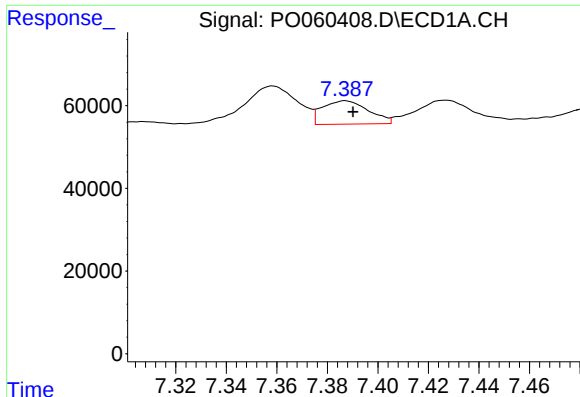
#29 AR-1254-4

R.T.: 6.984 min
Delta R.T.: 0.010 min
Response: 29255
Conc: 9.93 ng/ml



#29 AR-1254-4

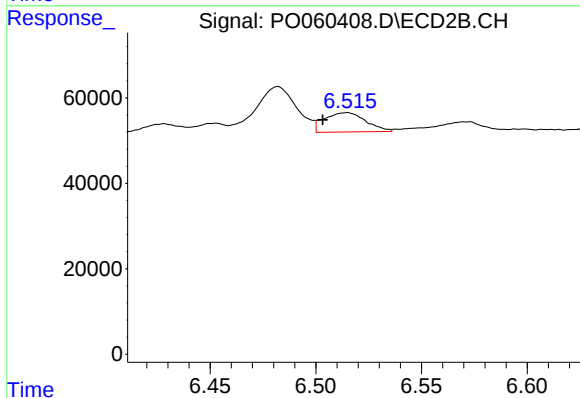
R.T.: 6.111 min
Delta R.T.: 0.015 min
Response: 35127
Conc: 17.04 ng/ml



#30 AR-1254-5

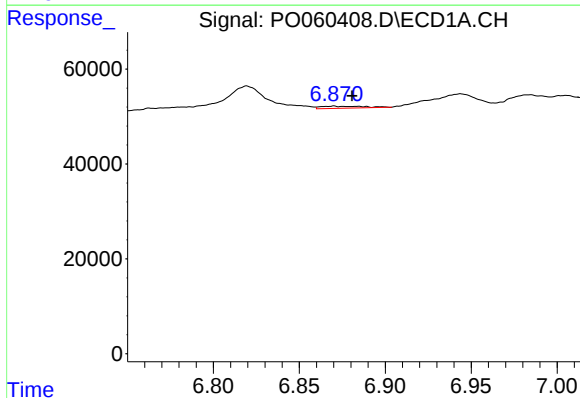
R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 71696
Conc: 23.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



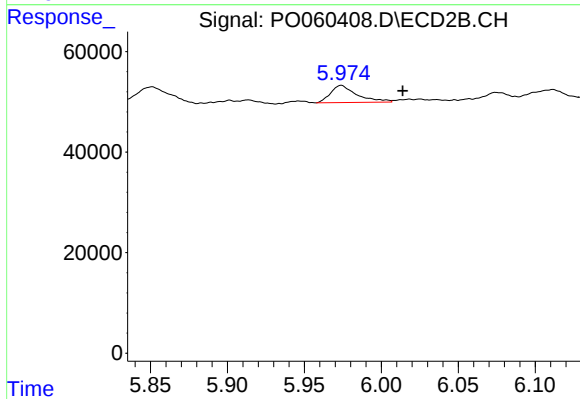
#30 AR-1254-5

R.T.: 6.515 min
Delta R.T.: 0.011 min
Response: 62114
Conc: 20.00 ng/ml



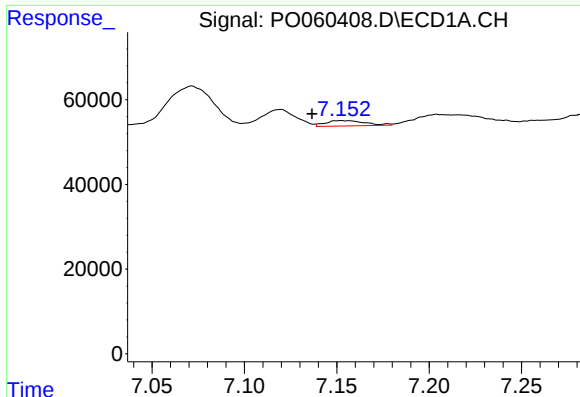
#31 AR-1260-1

R.T.: 6.870 min
Delta R.T.: -0.010 min
Response: 7590
Conc: 2.82 ng/ml



#31 AR-1260-1

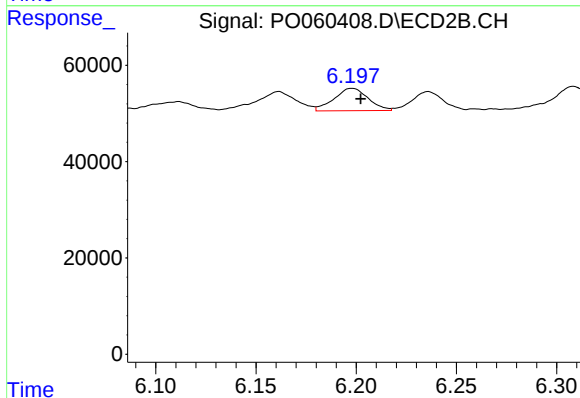
R.T.: 5.974 min
Delta R.T.: -0.040 min
Response: 40796
Conc: 17.90 ng/ml



#32 AR-1260-2

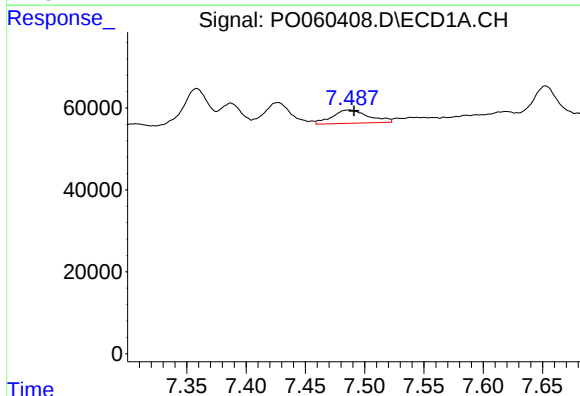
R.T.: 7.152 min
Delta R.T.: 0.016 min
Response: 19121
Conc: 5.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



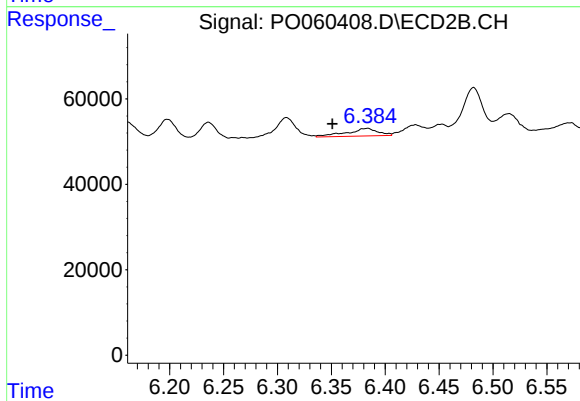
#32 AR-1260-2

R.T.: 6.198 min
Delta R.T.: -0.004 min
Response: 54894
Conc: 18.74 ng/ml



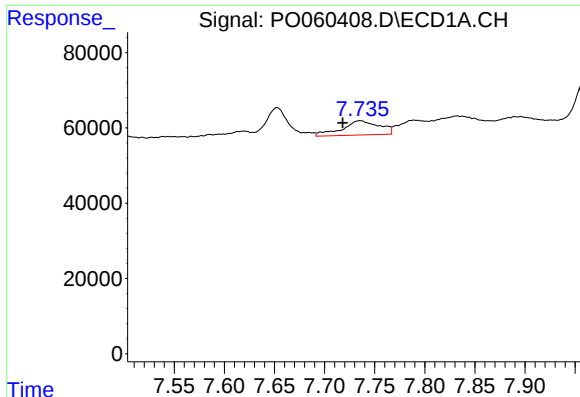
#33 AR-1260-3

R.T.: 7.487 min
Delta R.T.: -0.004 min
Response: 69544
Conc: 21.23 ng/ml



#33 AR-1260-3

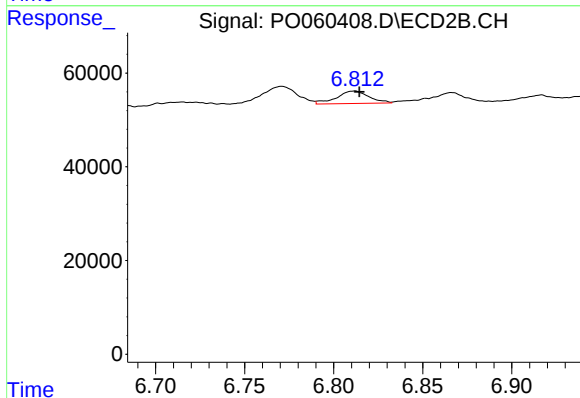
R.T.: 6.384 min
Delta R.T.: 0.033 min
Response: 35758
Conc: 13.50 ng/ml



#34 AR-1260-4

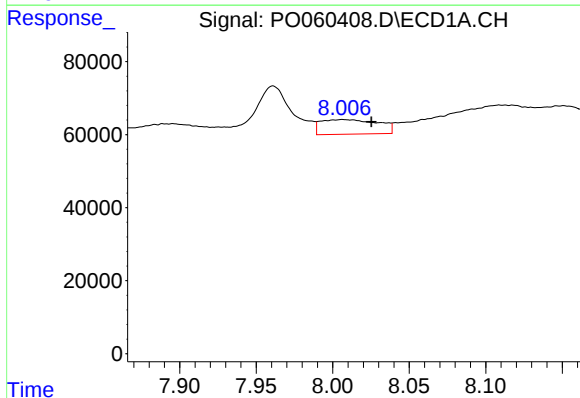
R.T.: 7.736 min
Delta R.T.: 0.017 min
Response: 99251
Conc: 32.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



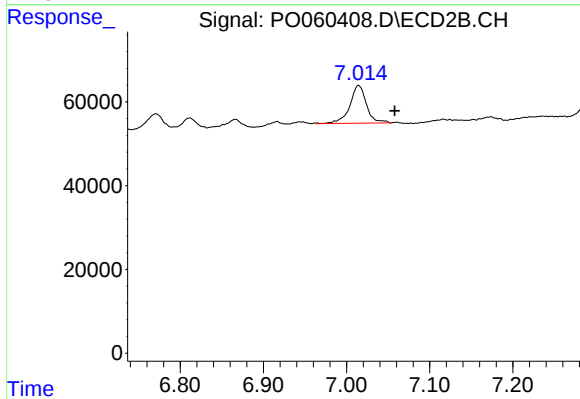
#34 AR-1260-4

R.T.: 6.812 min
Delta R.T.: -0.003 min
Response: 33883
Conc: 14.98 ng/ml



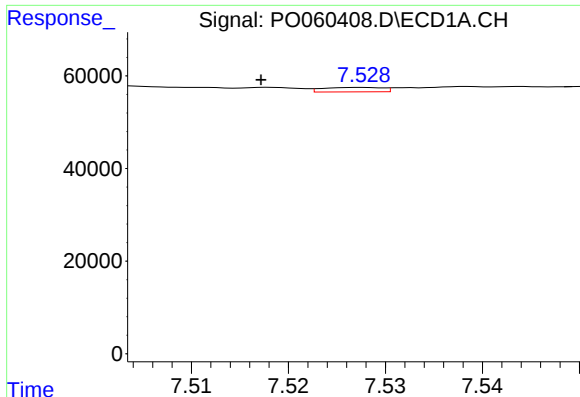
#35 AR-1260-5

R.T.: 8.007 min
Delta R.T.: -0.019 min
Response: 104653
Conc: 14.78 ng/ml



#35 AR-1260-5

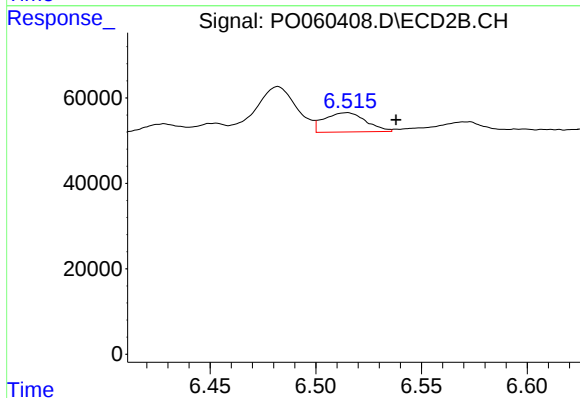
R.T.: 7.015 min
Delta R.T.: -0.043 min
Response: 125095
Conc: 22.73 ng/ml



#36 AR-1262-1

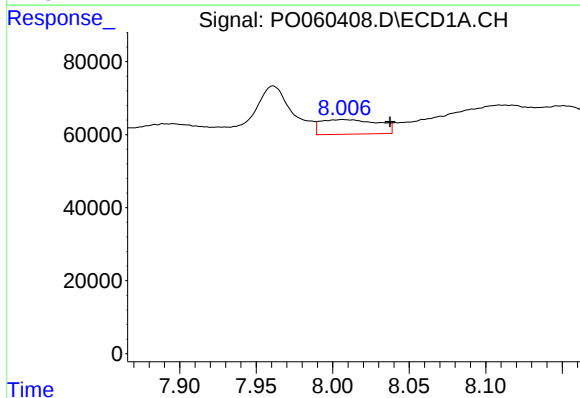
R.T.: 7.528 min
Delta R.T.: 0.011 min
Response: 4129
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



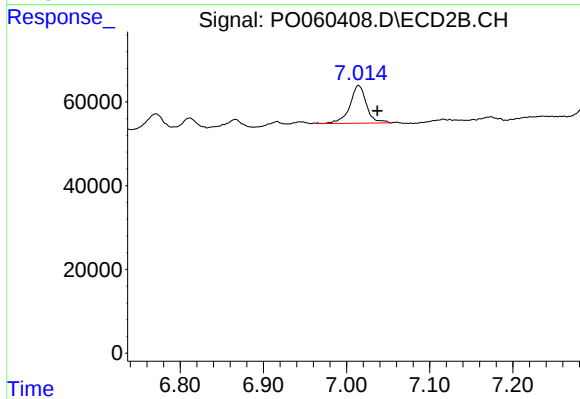
#36 AR-1262-1

R.T.: 6.515 min
Delta R.T.: -0.023 min
Response: 62114
Conc: 16.66 ng/ml



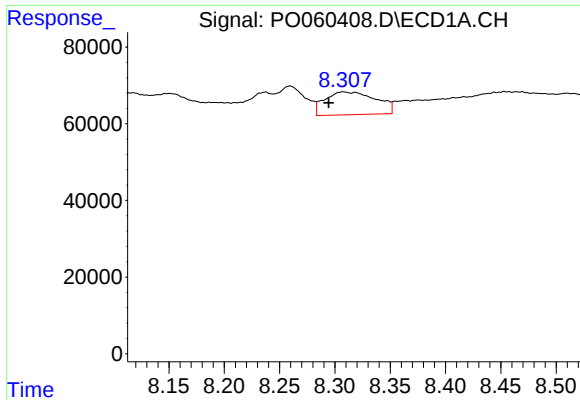
#37 AR-1262-2

R.T.: 8.007 min
Delta R.T.: -0.031 min
Response: 104653
Conc: 13.56 ng/ml



#37 AR-1262-2

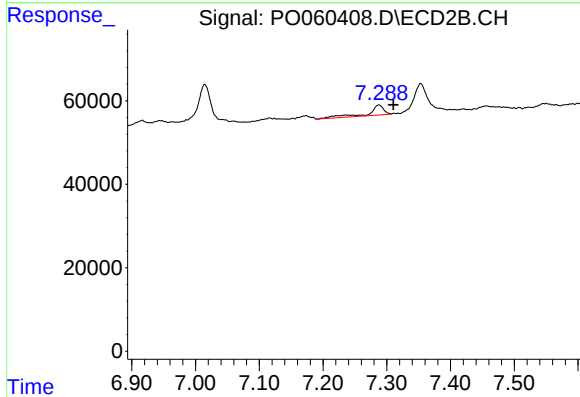
R.T.: 7.015 min
Delta R.T.: -0.023 min
Response: 125095
Conc: 21.28 ng/ml



#38 AR-1262-3

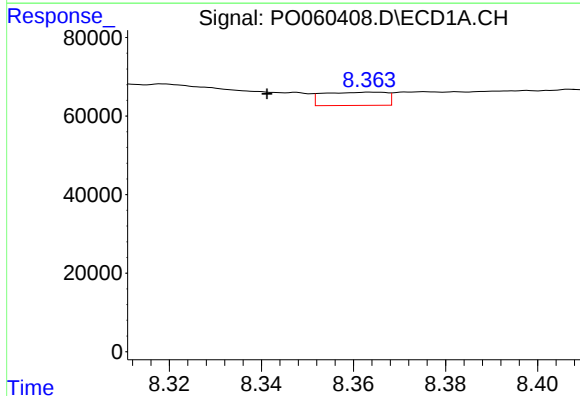
R.T.: 8.308 min
Delta R.T.: 0.013 min
Response: 191436
Conc: 37.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



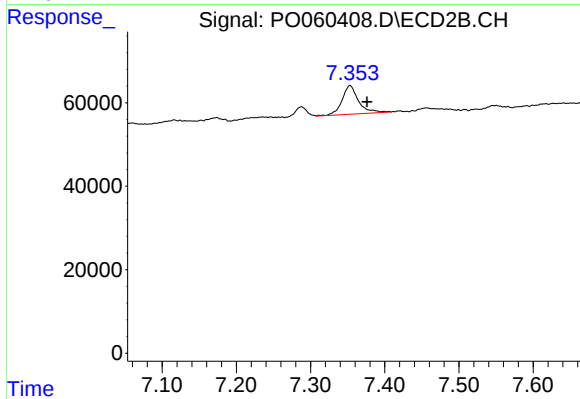
#38 AR-1262-3

R.T.: 7.288 min
Delta R.T.: -0.023 min
Response: 41820
Conc: 16.46 ng/ml



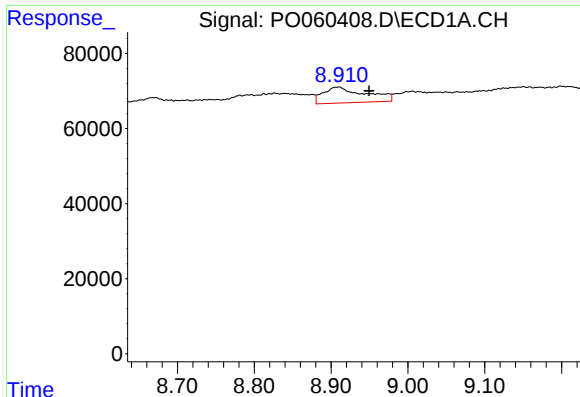
#39 AR-1262-4

R.T.: 8.364 min
Delta R.T.: 0.023 min
Response: 32086
Conc: 8.32 ng/ml



#39 AR-1262-4

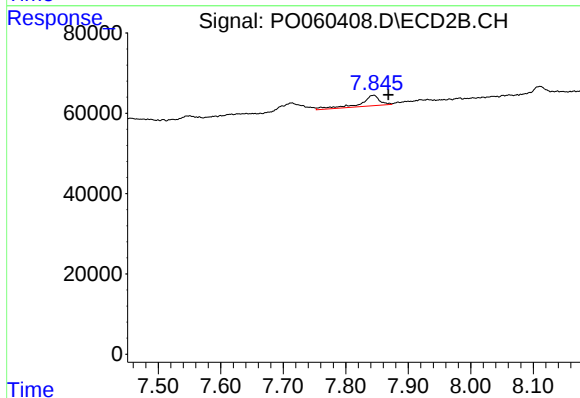
R.T.: 7.353 min
Delta R.T.: -0.023 min
Response: 106750
Conc: 24.16 ng/ml



#40 AR-1262-5

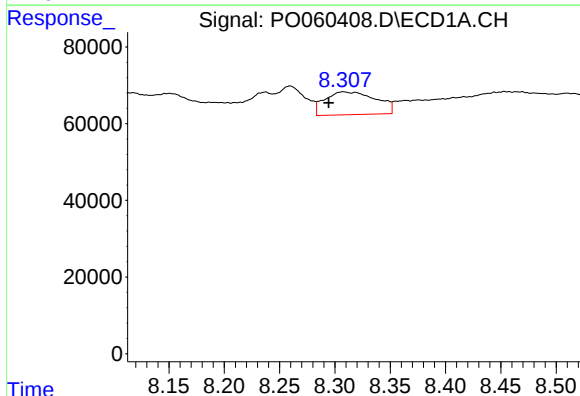
R.T.: 8.910 min
Delta R.T.: -0.039 min
Response: 162696
Conc: 63.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



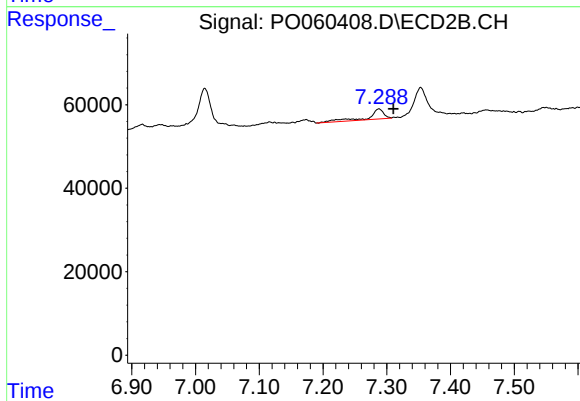
#40 AR-1262-5

R.T.: 7.845 min
Delta R.T.: -0.024 min
Response: 54960
Conc: 30.44 ng/ml



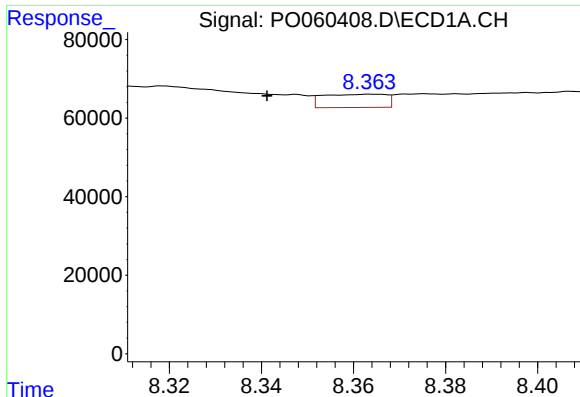
#41 AR-1268-1

R.T.: 8.308 min
Delta R.T.: 0.013 min
Response: 191436
Conc: 20.34 ng/ml



#41 AR-1268-1

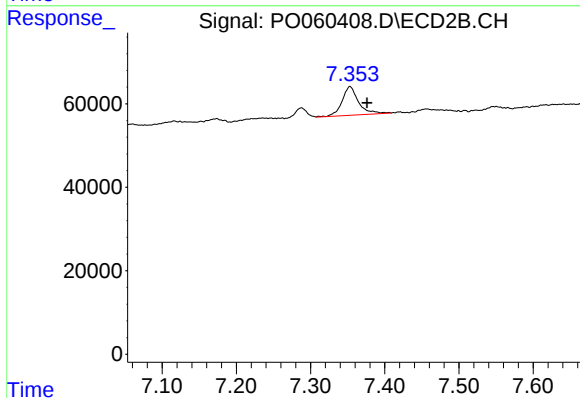
R.T.: 7.288 min
Delta R.T.: -0.023 min
Response: 41820
Conc: 5.87 ng/ml



#42 AR-1268-2

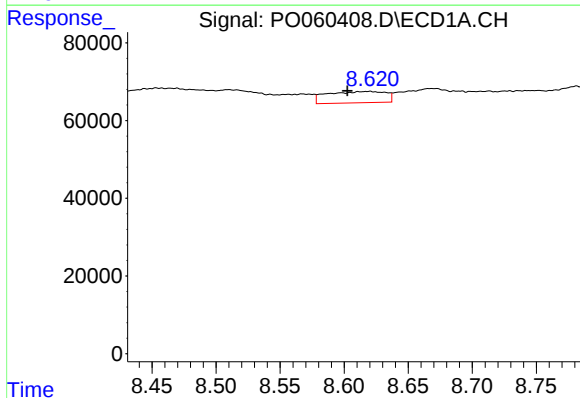
R.T.: 8.364 min
Delta R.T.: 0.023 min
Response: 32086
Conc: 4.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



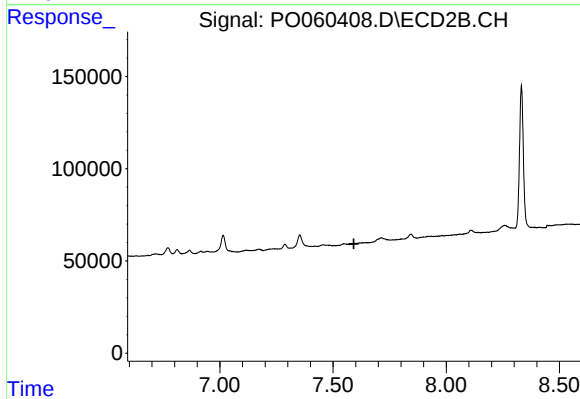
#42 AR-1268-2

R.T.: 7.353 min
Delta R.T.: -0.023 min
Response: 106750
Conc: 16.56 ng/ml



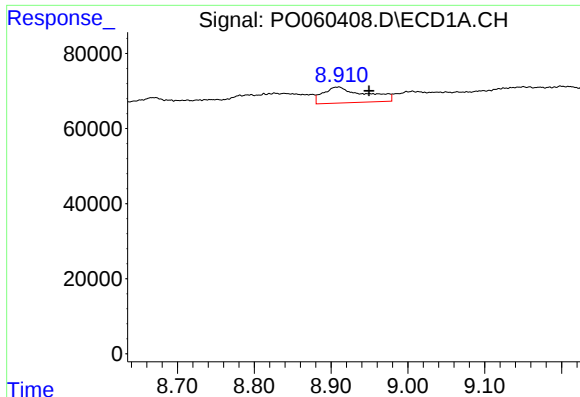
#43 AR-1268-3

R.T.: 8.620 min
Delta R.T.: 0.017 min
Response: 92925
Conc: 13.18 ng/ml



#43 AR-1268-3

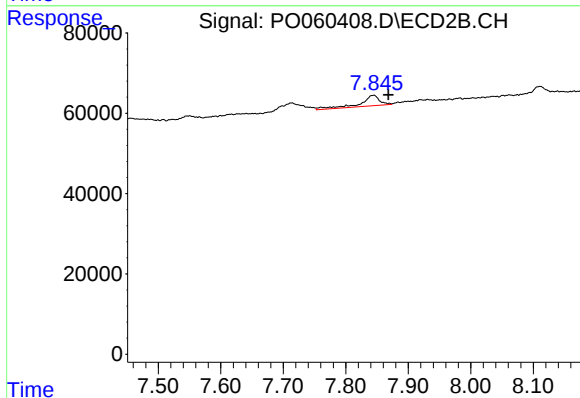
R.T.: 0.000 min
Exp R.T.: 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

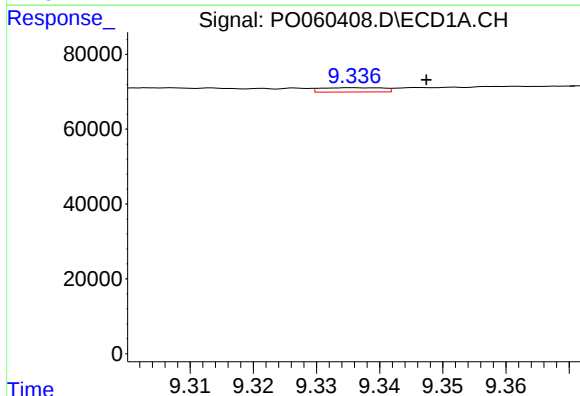
R.T.: 8.910 min
Delta R.T.: -0.039 min
Response: 162696
Conc: 58.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



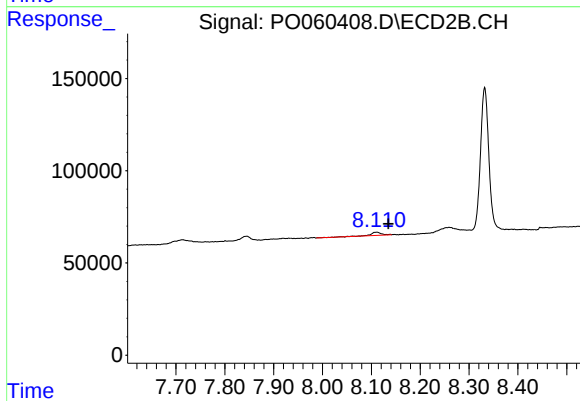
#44 AR-1268-4

R.T.: 7.845 min
Delta R.T.: -0.024 min
Response: 54960
Conc: 26.92 ng/ml



#45 AR-1268-5

R.T.: 9.336 min
Delta R.T.: -0.011 min
Response: 7887
Conc: 0.43 ng/ml



#45 AR-1268-5

R.T.: 8.111 min
Delta R.T.: -0.024 min
Response: 27597
Conc: 1.90 ng/ml