

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090619\
 Data File : P0060446.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Sep 2019 20:03
 Operator : SM/AJ
 Sample : K4684-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 23:06:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 06 17:58:59 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...	4.101	3.486	676225	556841	19.314	15.470
2)	SA Decachlor...	9.547	8.333	740675	622401	13.922	15.436
Target Compounds							
3)	L1 AR-1016-1	5.269	0.000	30839	0	19.228	N.D. #
4)	L1 AR-1016-2	5.269	0.000	30839	0	12.890	N.D. #
5)	L1 AR-1016-3	5.341	4.763	20504	13585	13.765	12.557
6)	L1 AR-1016-4	0.000	4.763	0	13585	N.D.	15.044 #
7)	L1 AR-1016-5	5.717	0.000	93390	0	72.726	N.D. #
8)	L2 AR-1221-1	4.400	0.000	12172	0	28.743	N.D. #
9)	L2 AR-1221-2	4.400	3.847	12172	27937	37.475	91.709 #
10)	L2 AR-1221-3	4.473	3.847	27522	27937	26.165	28.552
11)	L3 AR-1232-1	4.473	3.847	27522	27937	22.080	24.503
12)	L3 AR-1232-2	4.986	0.000	26529	0	37.556	N.D. #
13)	L3 AR-1232-3	5.269	4.763	30839	13585	20.138	19.951
14)	L3 AR-1232-4	5.559	4.832	27115	18738	34.679	30.716
15)	L3 AR-1232-5	5.601	0.000	37038	0	61.614	N.D. #
16)	L4 AR-1242-1	5.269	0.000	30839	0	24.292	N.D. #
17)	L4 AR-1242-2	5.269	0.000	30839	0	16.619	N.D. #
18)	L4 AR-1242-3	5.341	4.763	20504	13585	17.542	16.260
19)	L4 AR-1242-4	5.559	4.832	27115	18738	28.015	22.458
20)	L4 AR-1242-5	6.233	5.314	103739	39644	82.556	35.441 #
21)	L5 AR-1248-1	5.269	0.000	30839	0	30.760	N.D. #
22)	L5 AR-1248-2	5.559	4.763	27115	13585	18.688	11.781 #
23)	L5 AR-1248-3	5.717	4.809	93390	33712	56.190	28.383 #
24)	L5 AR-1248-4	6.150	0.000	189467	0	92.689	N.D. #
25)	L5 AR-1248-5	6.150	5.314	189467	39644	95.542	27.698 #
26)	L6 AR-1254-1	6.115	5.314	104292	39644	49.986	16.715 #
27)	L6 AR-1254-2	6.301	5.458	176760	23726	52.982	11.307 #
28)	L6 AR-1254-3	6.664	5.851	147952	53157	41.695	15.809 #
29)	L6 AR-1254-4	6.945	6.079	146535	28294	49.748	13.723 #
30)	L6 AR-1254-5	7.361	6.483	165618	73449	53.556	23.655 #
31)	L7 AR-1260-1	6.821	5.976	189313	29395	70.225	12.899 #
32)	L7 AR-1260-2	7.075	6.163	254210	34728	68.511	11.853 #
33)	L7 AR-1260-3	7.428	6.309	204047	29314	62.279	11.065 #
34)	L7 AR-1260-4	7.650	6.793	107026	165501	34.847	73.147 #
35)	L7 AR-1260-5	7.963	7.015	177124	42199	25.014	7.668 #
36)	L8 AR-1262-1	7.529	6.551	154162	77379	31.767	20.759 #
37)	L8 AR-1262-2	8.018	7.015	171954	42199	22.286	7.178 #
38)	L8 AR-1262-3	8.308	7.339	138570	98601	27.158	38.804 #
39)	L8 AR-1262-4	8.347	7.339	38962	98601	10.108	22.313 #
40)	L8 AR-1262-5	8.953	7.821	33524	37451	13.062	20.742 #
41)	L9 AR-1268-1	8.308	7.339	138570	98601	14.725	13.847

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Acq On : 06 Sep 2019 20:03
Operator : SM/AJ
Sample : K4684-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

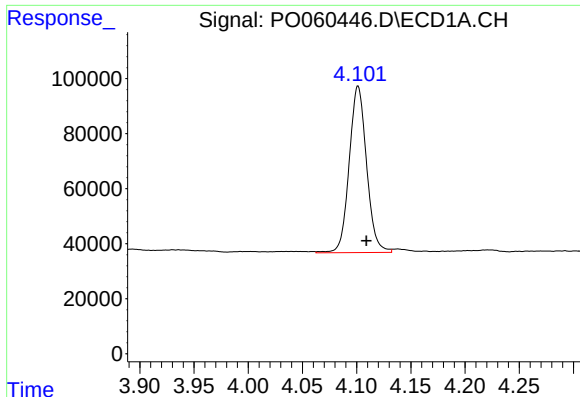
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 06 23:06:28 2019
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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
42)	L9 AR-1268-2	8.347	7.339	38962	98601	4.943	15.292 #
43)	L9 AR-1268-3	8.606	7.637	62419	83371	8.855	15.237 #
44)	L9 AR-1268-4	8.953	7.821	33524	37451	12.059	18.347 #
45)	L9 AR-1268-5	9.378	8.114	237438	24515	12.875	1.687 #

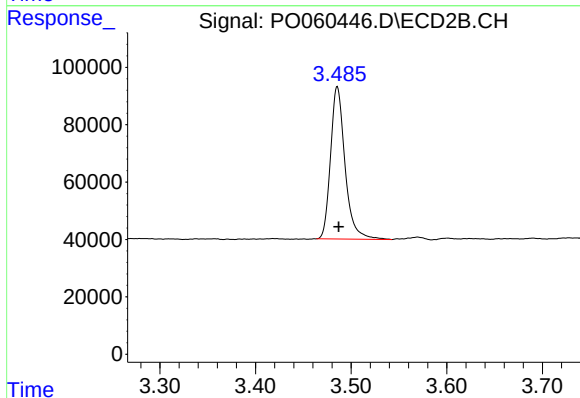
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

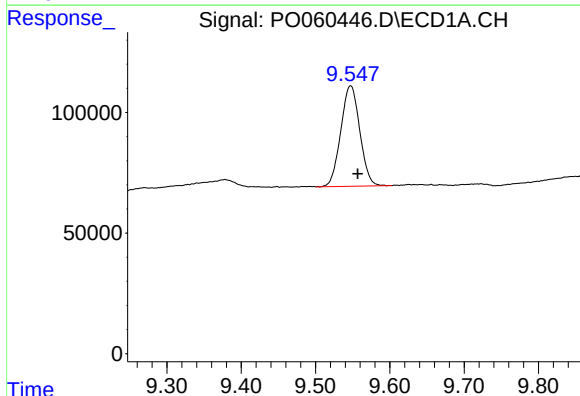
R.T.: 4.101 min
Delta R.T.: -0.008 min
Response: 676225
Conc: 19.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



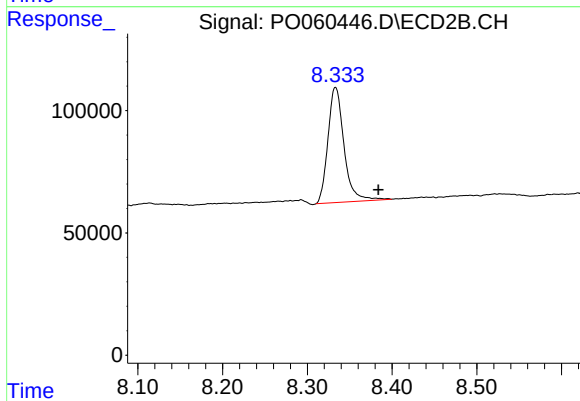
#1 Tetrachloro-m-xylene

R.T.: 3.486 min
Delta R.T.: -0.001 min
Response: 556841
Conc: 15.47 ng/ml



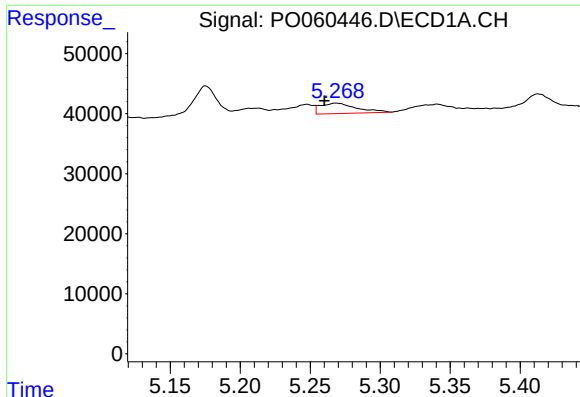
#2 Decachlorobiphenyl

R.T.: 9.547 min
Delta R.T.: -0.010 min
Response: 740675
Conc: 13.92 ng/ml



#2 Decachlorobiphenyl

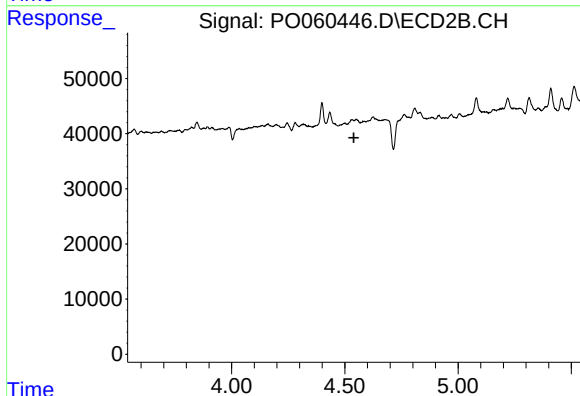
R.T.: 8.333 min
Delta R.T.: -0.051 min
Response: 622401
Conc: 15.44 ng/ml



#3 AR-1016-1

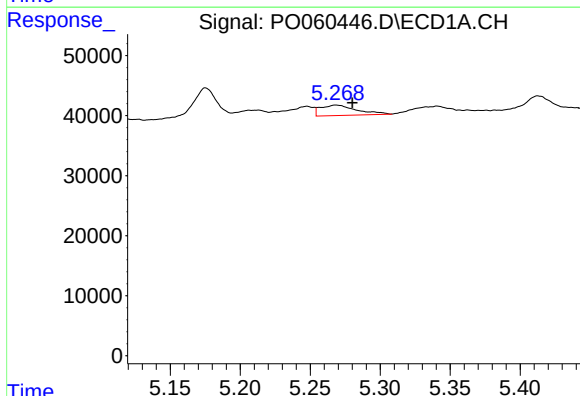
R.T.: 5.269 min
Delta R.T.: 0.009 min
Response: 30839
Conc: 19.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



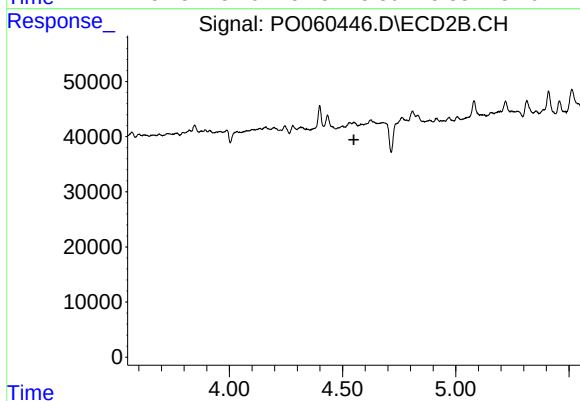
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.540 min
Response: 0
Conc: N.D.



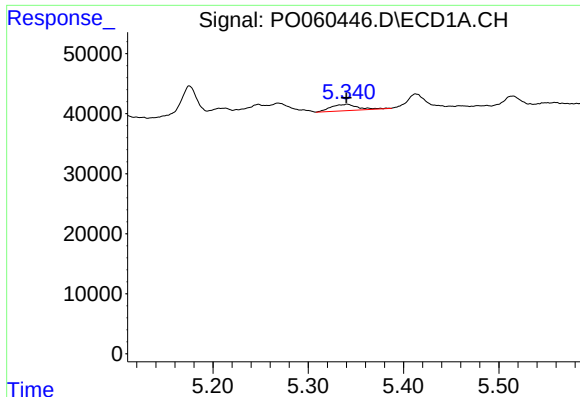
#4 AR-1016-2

R.T.: 5.269 min
Delta R.T.: -0.011 min
Response: 30839
Conc: 12.89 ng/ml



#4 AR-1016-2

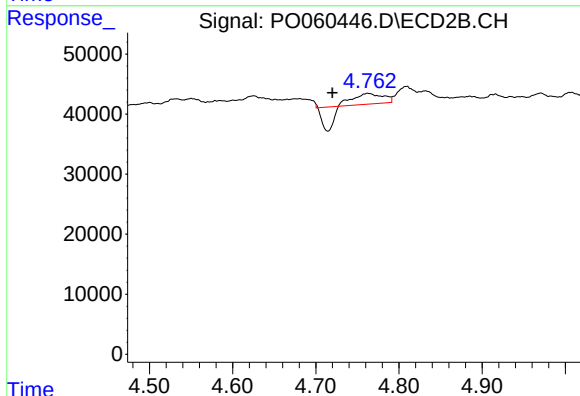
R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



#5 AR-1016-3

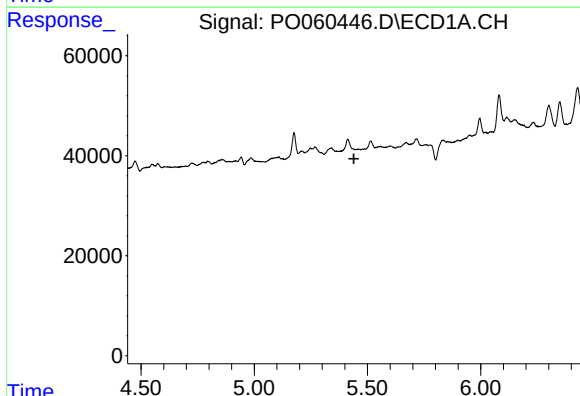
R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 20504
Conc: 13.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



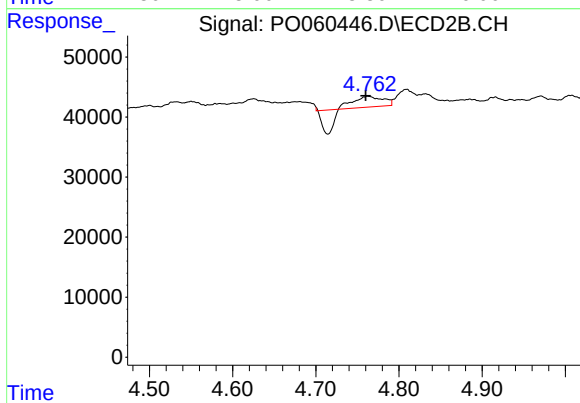
#5 AR-1016-3

R.T.: 4.763 min
Delta R.T.: 0.043 min
Response: 13585
Conc: 12.56 ng/ml



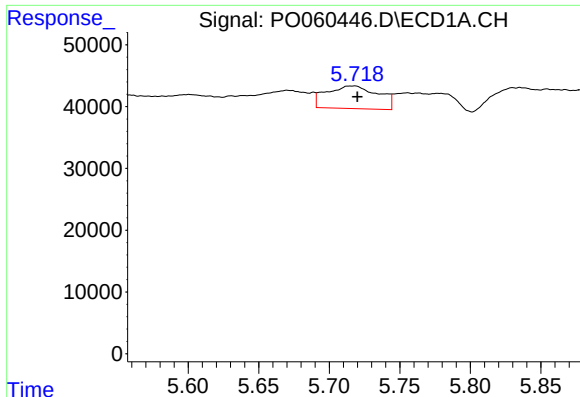
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.440 min
Response: 0
Conc: N.D.



#6 AR-1016-4

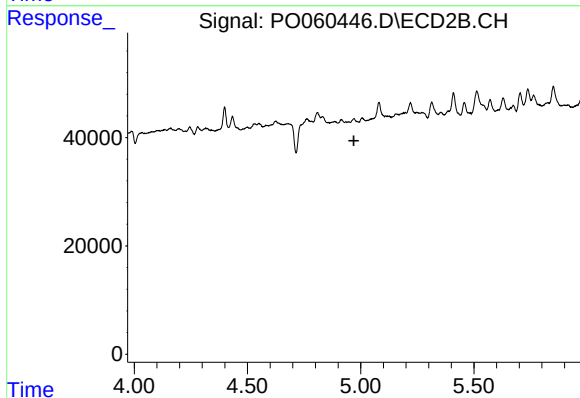
R.T.: 4.763 min
Delta R.T.: 0.003 min
Response: 13585
Conc: 15.04 ng/ml



#7 AR-1016-5

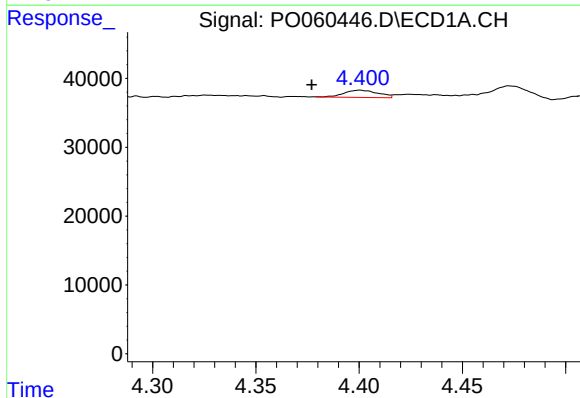
R.T.: 5.717 min
Delta R.T.: -0.003 min
Response: 93390
Conc: 72.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



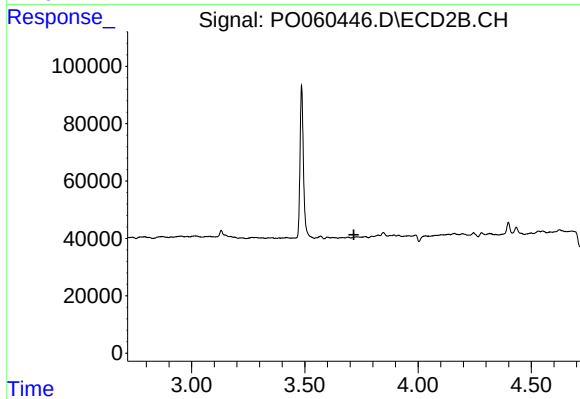
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.970 min
Response: 0
Conc: N.D.



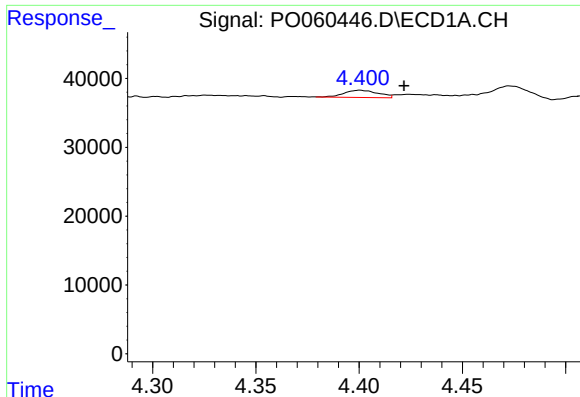
#8 AR-1221-1

R.T.: 4.400 min
Delta R.T.: 0.023 min
Response: 12172
Conc: 28.74 ng/ml



#8 AR-1221-1

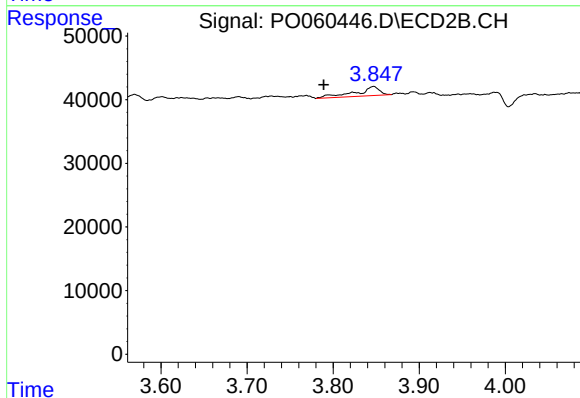
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

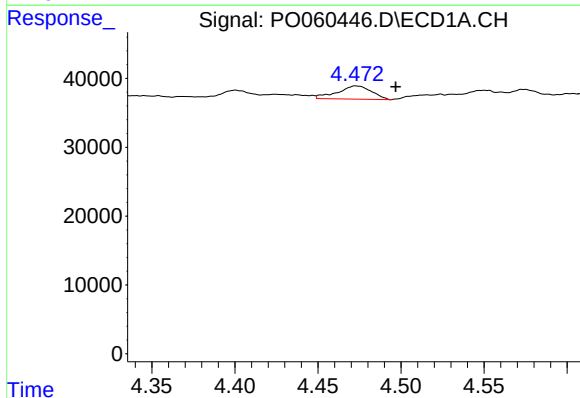
R.T.: 4.400 min
Delta R.T.: -0.021 min
Response: 12172
Conc: 37.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



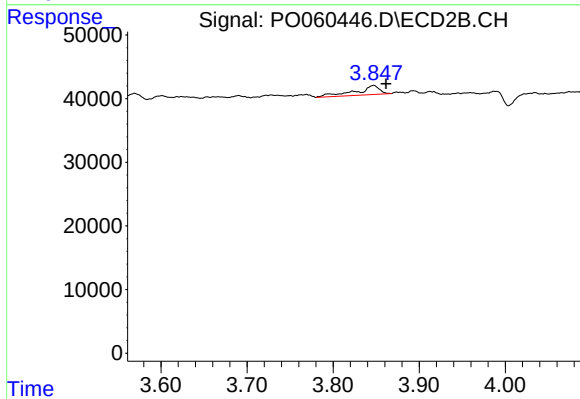
#9 AR-1221-2

R.T.: 3.847 min
Delta R.T.: 0.058 min
Response: 27937
Conc: 91.71 ng/ml



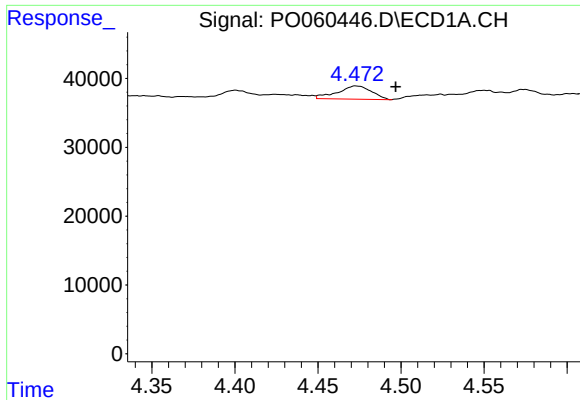
#10 AR-1221-3

R.T.: 4.473 min
Delta R.T.: -0.024 min
Response: 27522
Conc: 26.16 ng/ml



#10 AR-1221-3

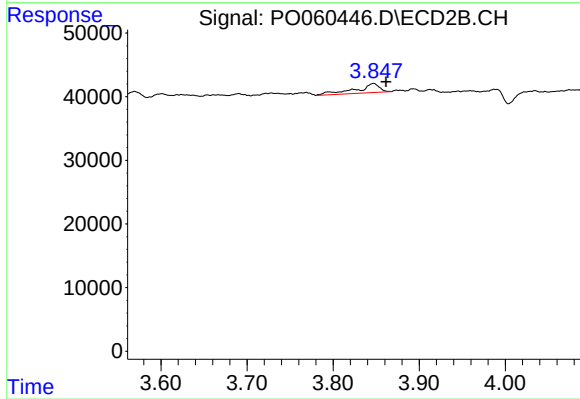
R.T.: 3.847 min
Delta R.T.: -0.015 min
Response: 27937
Conc: 28.55 ng/ml



#11 AR-1232-1

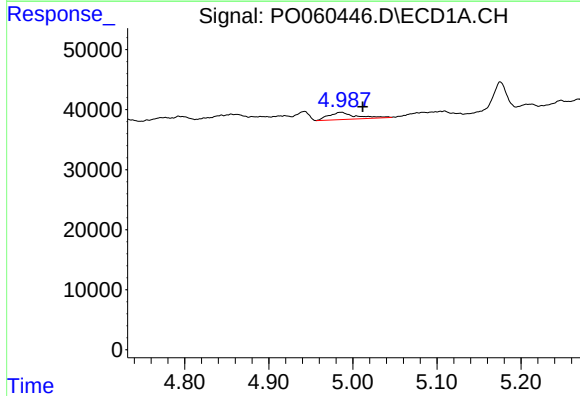
R.T.: 4.473 min
Delta R.T.: -0.024 min
Response: 27522
Conc: 22.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



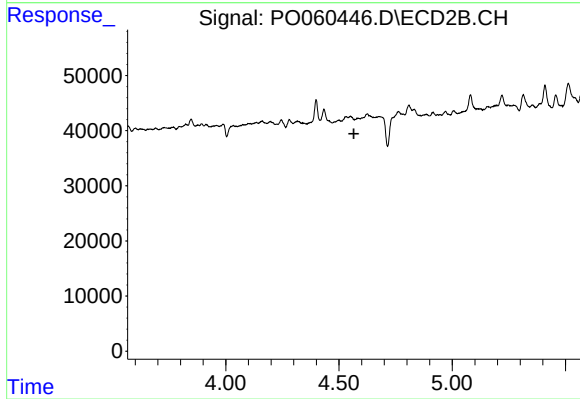
#11 AR-1232-1

R.T.: 3.847 min
Delta R.T.: -0.015 min
Response: 27937
Conc: 24.50 ng/ml



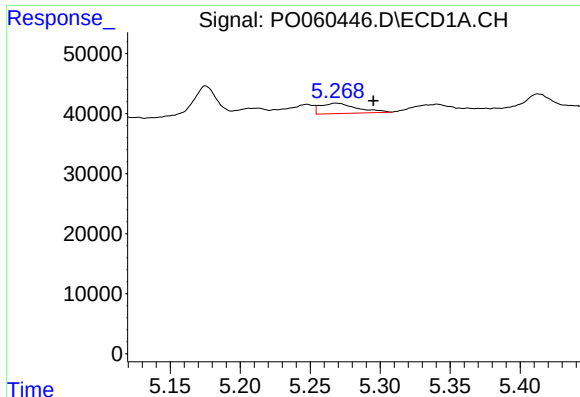
#12 AR-1232-2

R.T.: 4.986 min
Delta R.T.: -0.026 min
Response: 26529
Conc: 37.56 ng/ml



#12 AR-1232-2

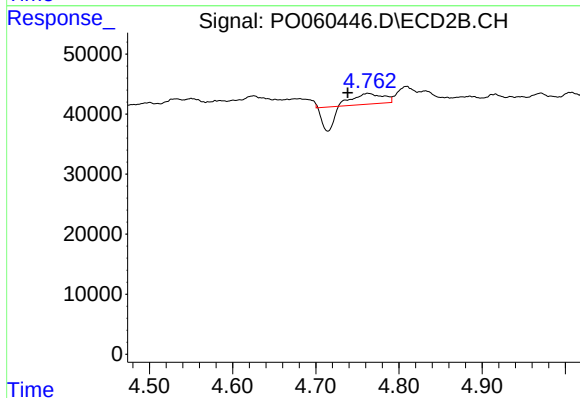
R.T.: 0.000 min
Exp R.T.: 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

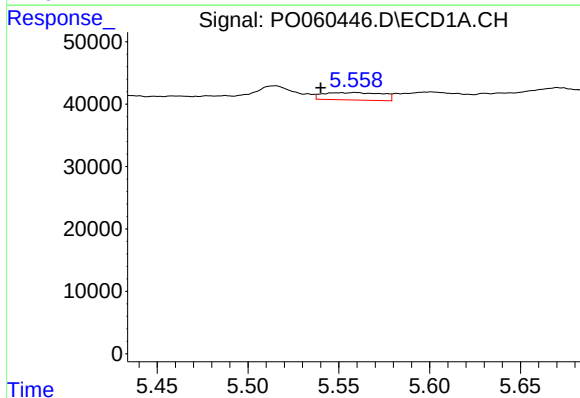
R.T.: 5.269 min
Delta R.T.: -0.027 min
Response: 30839
Conc: 20.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



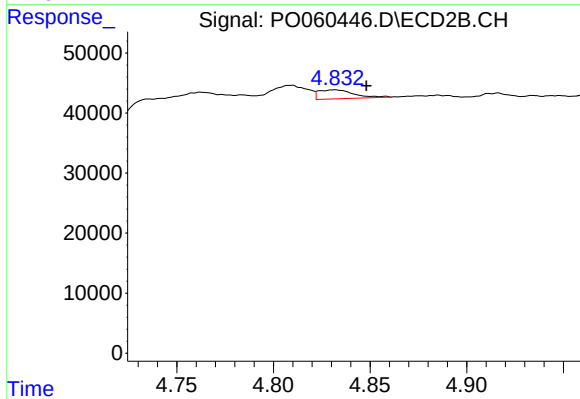
#13 AR-1232-3

R.T.: 4.763 min
Delta R.T.: 0.024 min
Response: 13585
Conc: 19.95 ng/ml



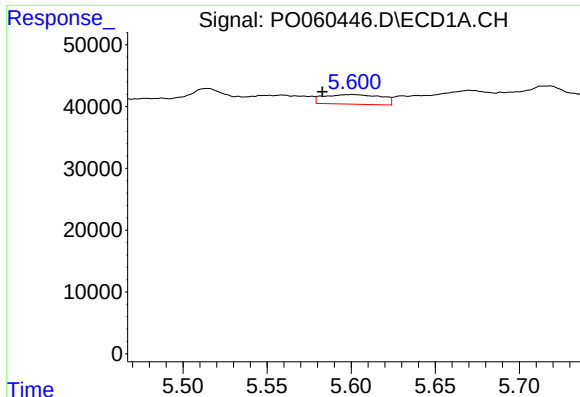
#14 AR-1232-4

R.T.: 5.559 min
Delta R.T.: 0.019 min
Response: 27115
Conc: 34.68 ng/ml



#14 AR-1232-4

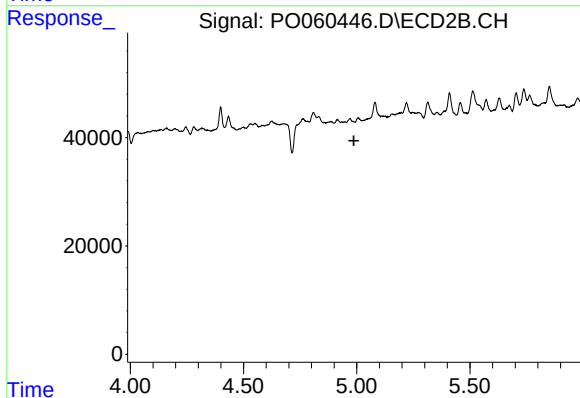
R.T.: 4.832 min
Delta R.T.: -0.016 min
Response: 18738
Conc: 30.72 ng/ml



#15 AR-1232-5

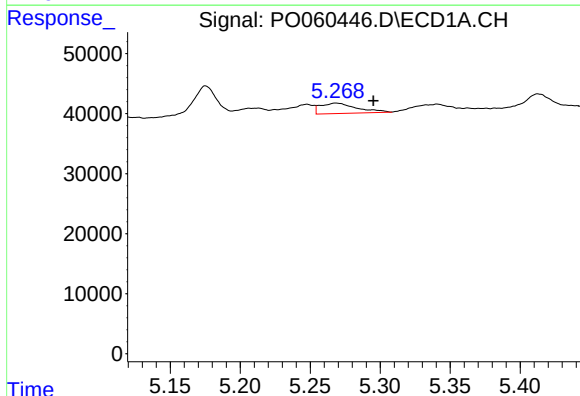
R.T.: 5.601 min
Delta R.T.: 0.018 min
Response: 37038
Conc: 61.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



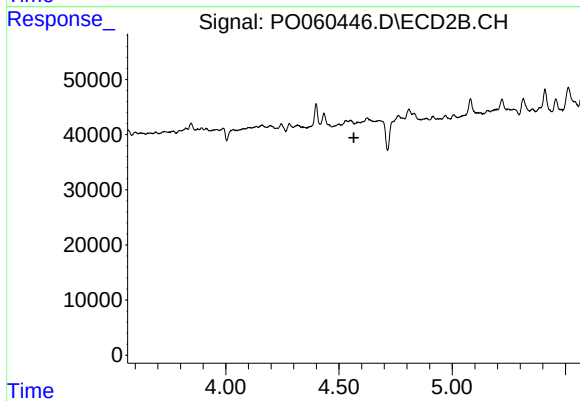
#15 AR-1232-5

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



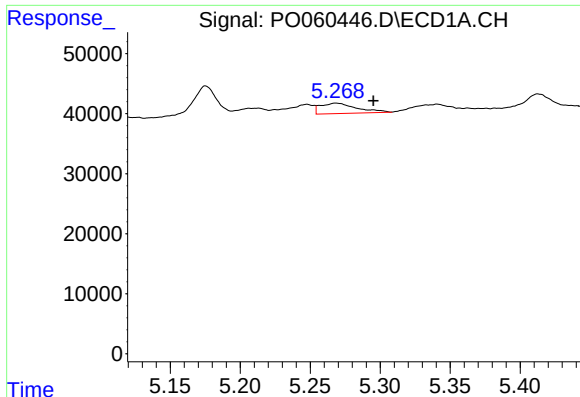
#16 AR-1242-1

R.T.: 5.269 min
Delta R.T.: -0.027 min
Response: 30839
Conc: 24.29 ng/ml



#16 AR-1242-1

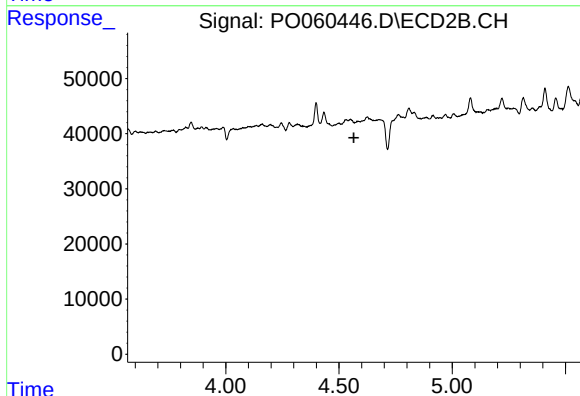
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

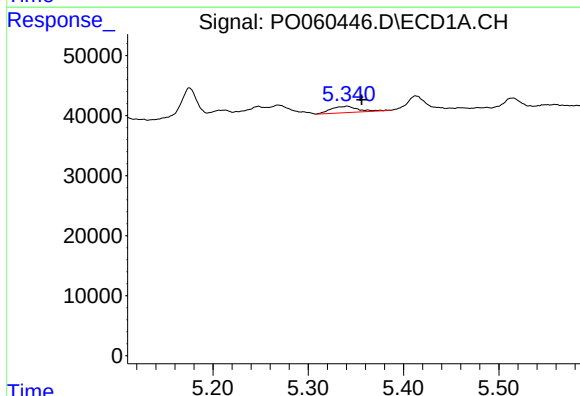
R.T.: 5.269 min
Delta R.T.: -0.027 min
Response: 30839
Conc: 16.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



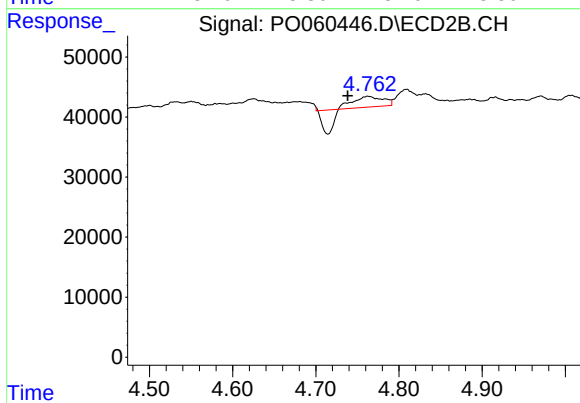
#17 AR-1242-2

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



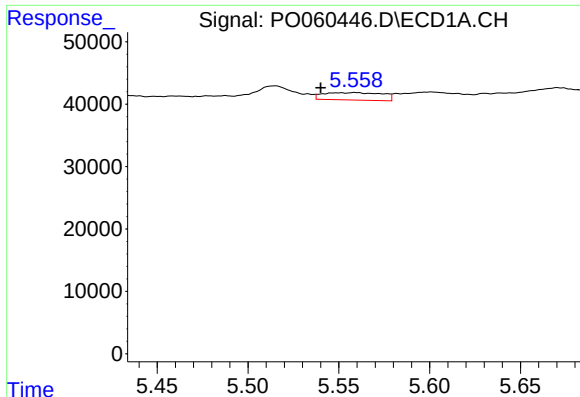
#18 AR-1242-3

R.T.: 5.341 min
Delta R.T.: -0.015 min
Response: 20504
Conc: 17.54 ng/ml



#18 AR-1242-3

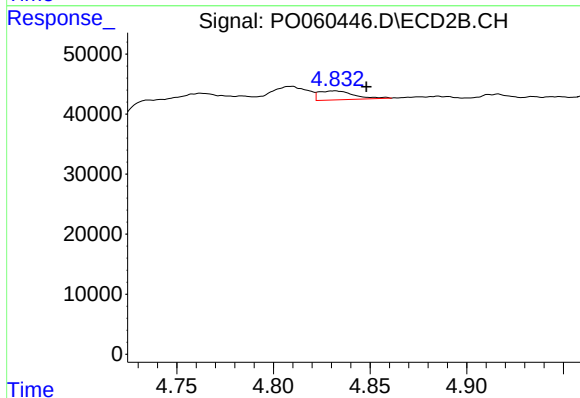
R.T.: 4.763 min
Delta R.T.: 0.024 min
Response: 13585
Conc: 16.26 ng/ml



#19 AR-1242-4

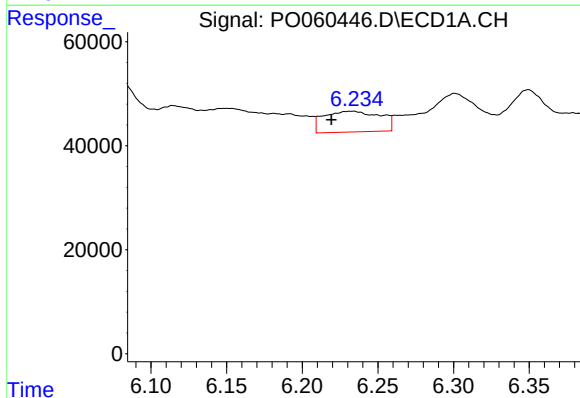
R.T.: 5.559 min
Delta R.T.: 0.019 min
Response: 27115
Conc: 28.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



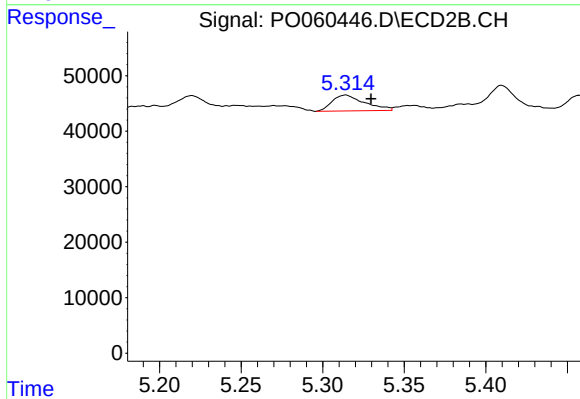
#19 AR-1242-4

R.T.: 4.832 min
Delta R.T.: -0.016 min
Response: 18738
Conc: 22.46 ng/ml



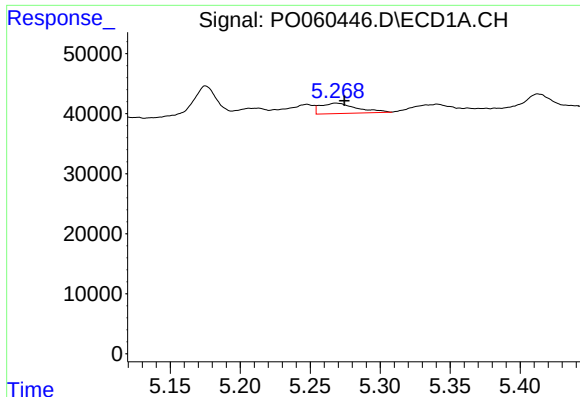
#20 AR-1242-5

R.T.: 6.233 min
Delta R.T.: 0.014 min
Response: 103739
Conc: 82.56 ng/ml



#20 AR-1242-5

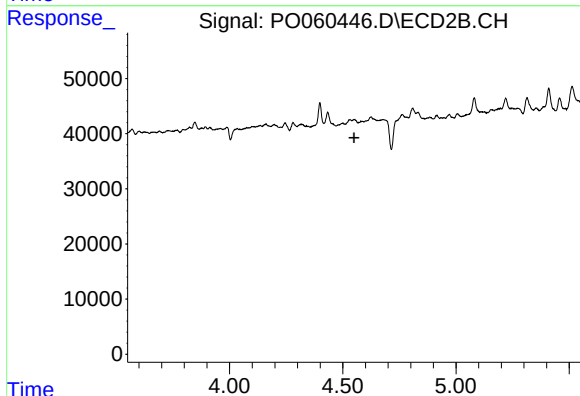
R.T.: 5.314 min
Delta R.T.: -0.016 min
Response: 39644
Conc: 35.44 ng/ml



#21 AR-1248-1

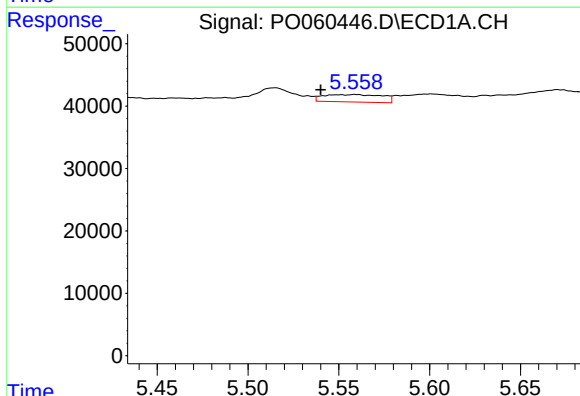
R.T.: 5.269 min
Delta R.T.: -0.006 min
Response: 30839
Conc: 30.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



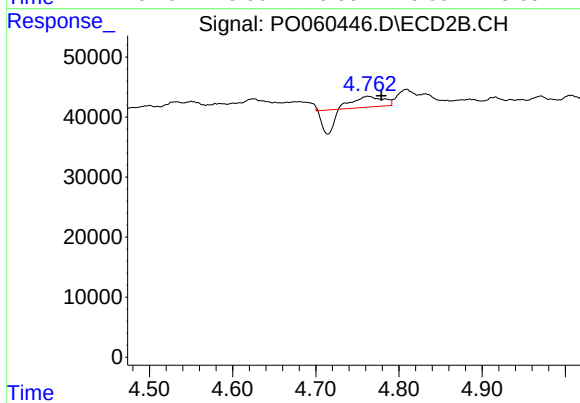
#21 AR-1248-1

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



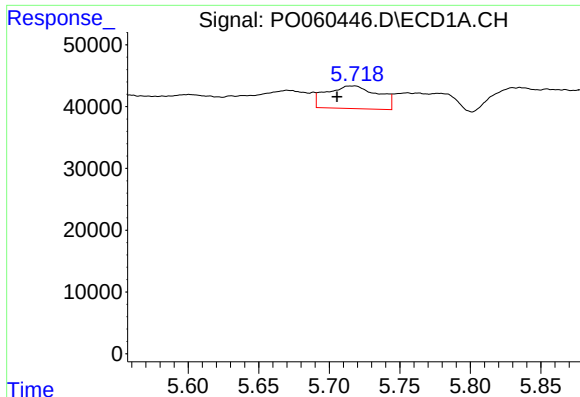
#22 AR-1248-2

R.T.: 5.559 min
Delta R.T.: 0.019 min
Response: 27115
Conc: 18.69 ng/ml



#22 AR-1248-2

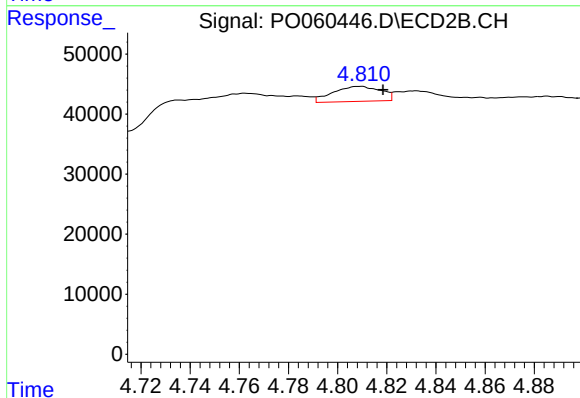
R.T.: 4.763 min
Delta R.T.: -0.016 min
Response: 13585
Conc: 11.78 ng/ml



#23 AR-1248-3

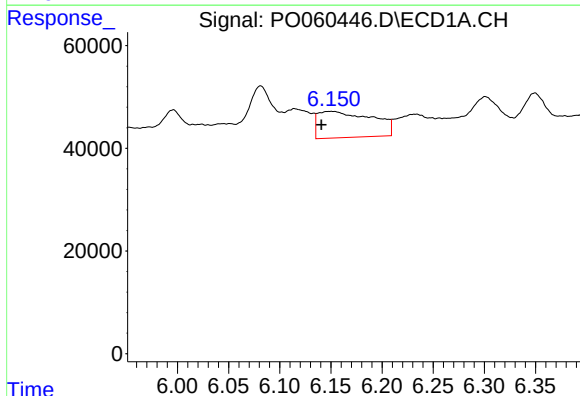
R.T.: 5.717 min
Delta R.T.: 0.012 min
Response: 93390
Conc: 56.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



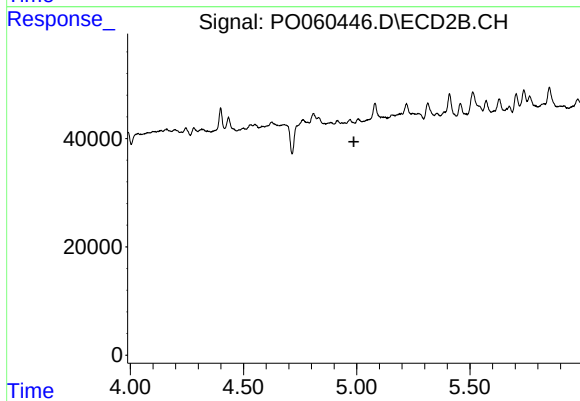
#23 AR-1248-3

R.T.: 4.809 min
Delta R.T.: -0.010 min
Response: 33712
Conc: 28.38 ng/ml



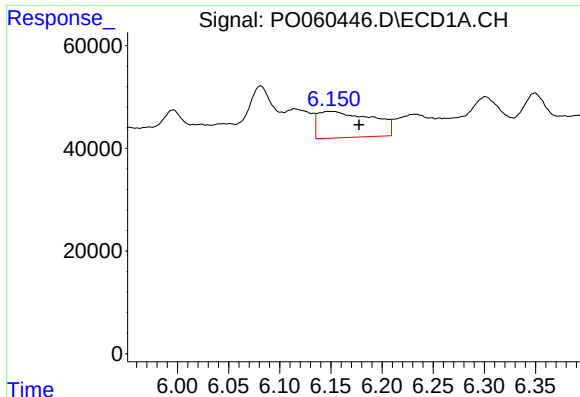
#24 AR-1248-4

R.T.: 6.150 min
Delta R.T.: 0.009 min
Response: 189467
Conc: 92.69 ng/ml



#24 AR-1248-4

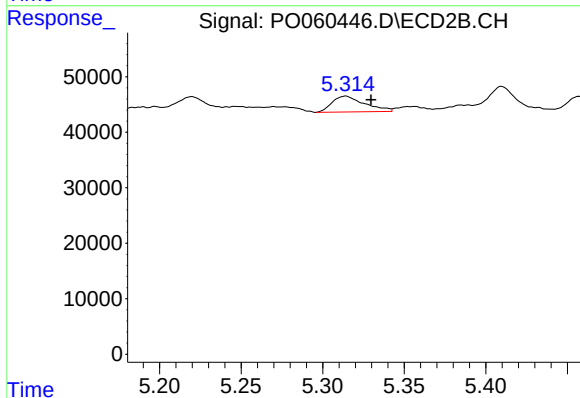
R.T.: 0.000 min
Exp R.T.: 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

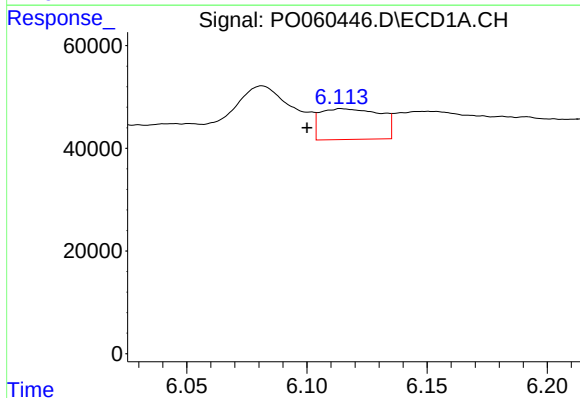
R.T.: 6.150 min
Delta R.T.: -0.028 min
Response: 189467
Conc: 95.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



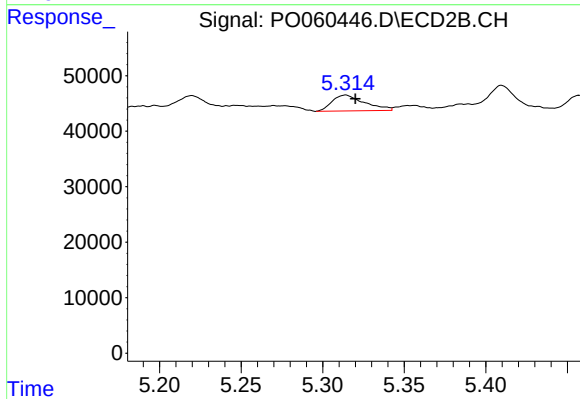
#25 AR-1248-5

R.T.: 5.314 min
Delta R.T.: -0.016 min
Response: 39644
Conc: 27.70 ng/ml



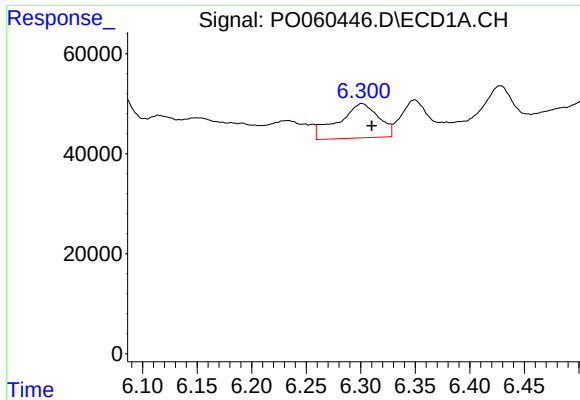
#26 AR-1254-1

R.T.: 6.115 min
Delta R.T.: 0.015 min
Response: 104292
Conc: 49.99 ng/ml



#26 AR-1254-1

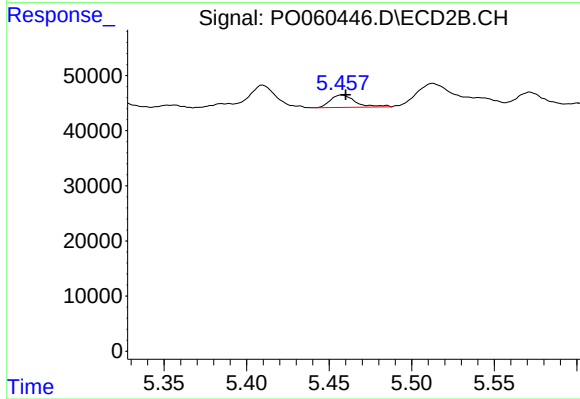
R.T.: 5.314 min
Delta R.T.: -0.006 min
Response: 39644
Conc: 16.71 ng/ml



#27 AR-1254-2

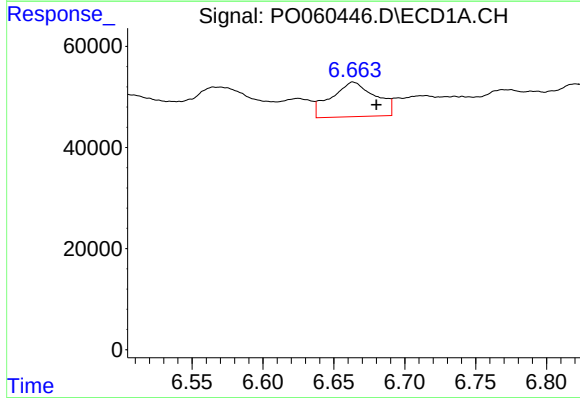
R.T.: 6.301 min
Delta R.T.: -0.009 min
Response: 176760
Conc: 52.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



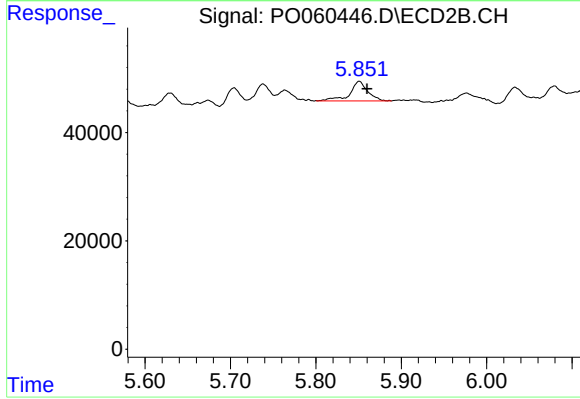
#27 AR-1254-2

R.T.: 5.458 min
Delta R.T.: -0.002 min
Response: 23726
Conc: 11.31 ng/ml



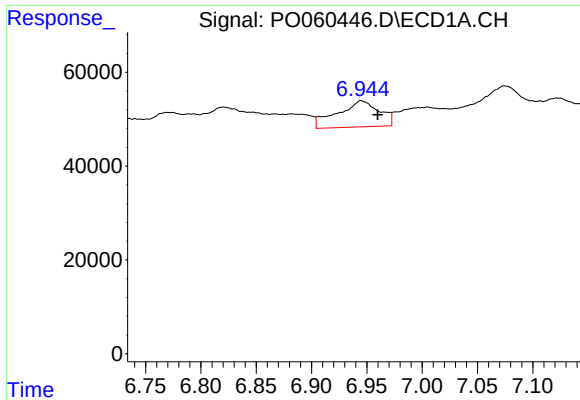
#28 AR-1254-3

R.T.: 6.664 min
Delta R.T.: -0.016 min
Response: 147952
Conc: 41.69 ng/ml



#28 AR-1254-3

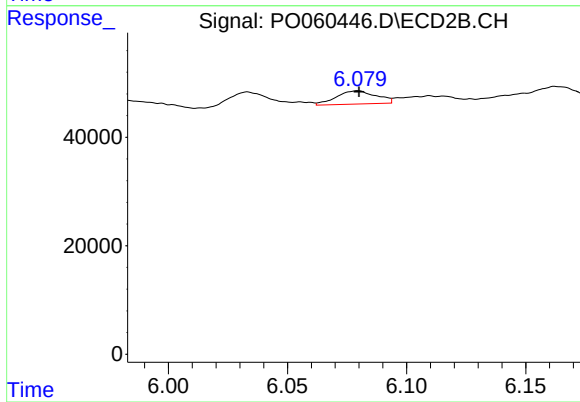
R.T.: 5.851 min
Delta R.T.: -0.009 min
Response: 53157
Conc: 15.81 ng/ml



#29 AR-1254-4

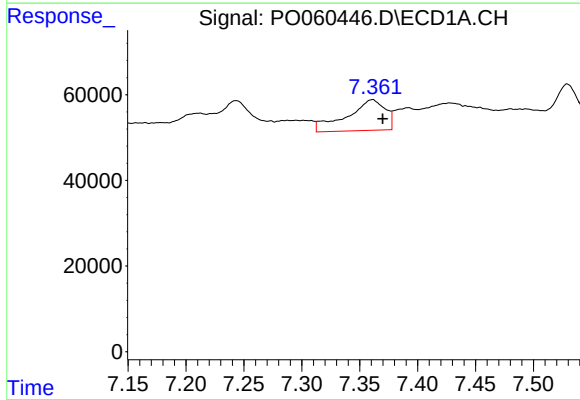
R.T.: 6.945 min
Delta R.T.: -0.015 min
Response: 146535
Conc: 49.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



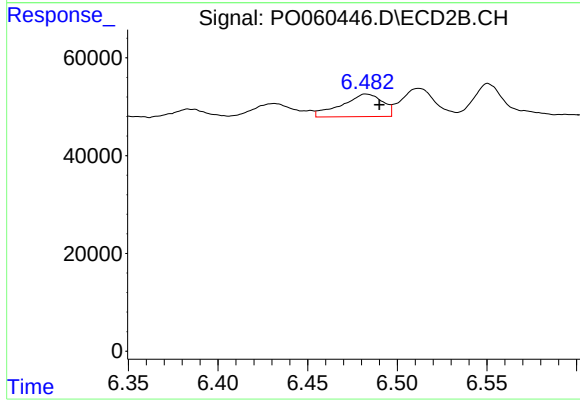
#29 AR-1254-4

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 28294
Conc: 13.72 ng/ml



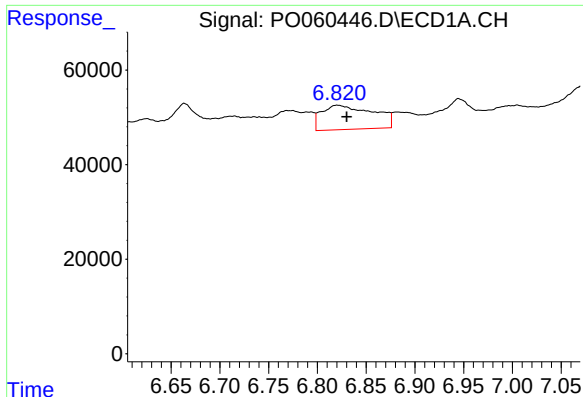
#30 AR-1254-5

R.T.: 7.361 min
Delta R.T.: -0.009 min
Response: 165618
Conc: 53.56 ng/ml



#30 AR-1254-5

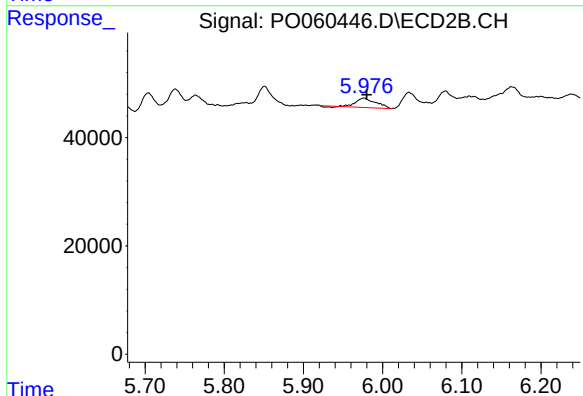
R.T.: 6.483 min
Delta R.T.: -0.007 min
Response: 73449
Conc: 23.66 ng/ml



#31 AR-1260-1

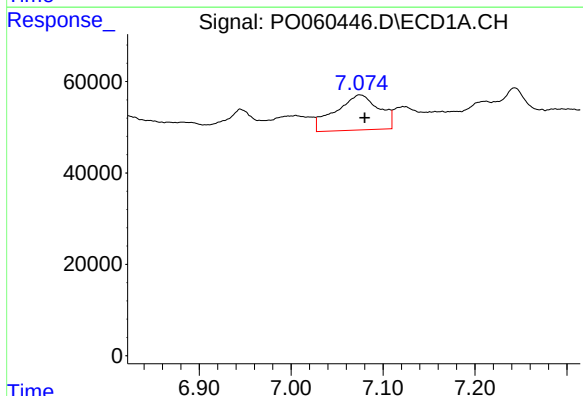
R.T.: 6.821 min
Delta R.T.: -0.009 min
Response: 189313
Conc: 70.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



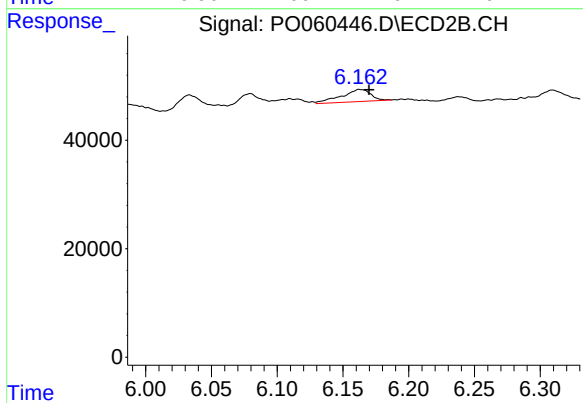
#31 AR-1260-1

R.T.: 5.976 min
Delta R.T.: -0.004 min
Response: 29395
Conc: 12.90 ng/ml



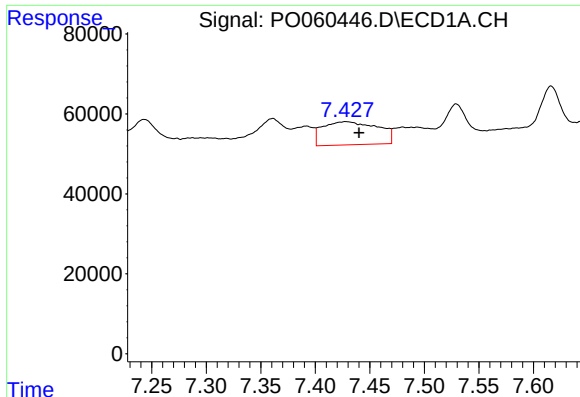
#32 AR-1260-2

R.T.: 7.075 min
Delta R.T.: -0.005 min
Response: 254210
Conc: 68.51 ng/ml



#32 AR-1260-2

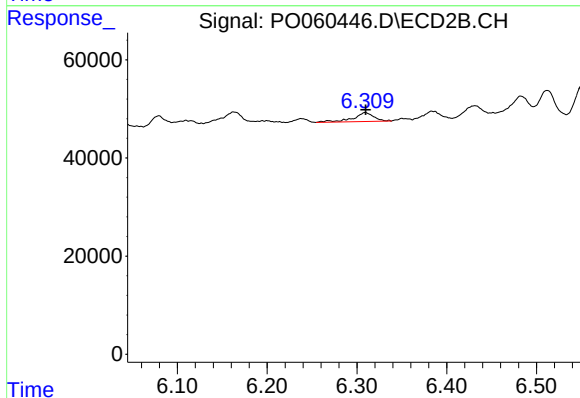
R.T.: 6.163 min
Delta R.T.: -0.007 min
Response: 34728
Conc: 11.85 ng/ml



#33 AR-1260-3

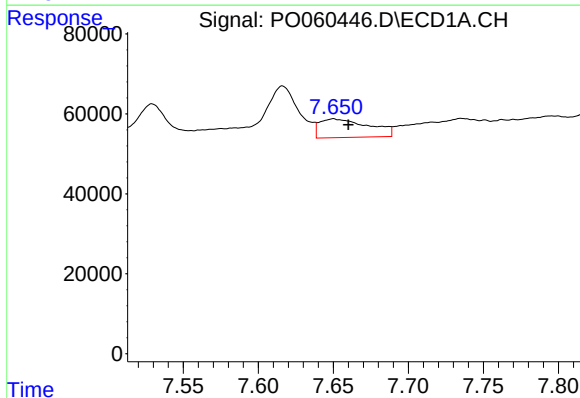
R.T.: 7.428 min
Delta R.T.: -0.012 min
Response: 204047
Conc: 62.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



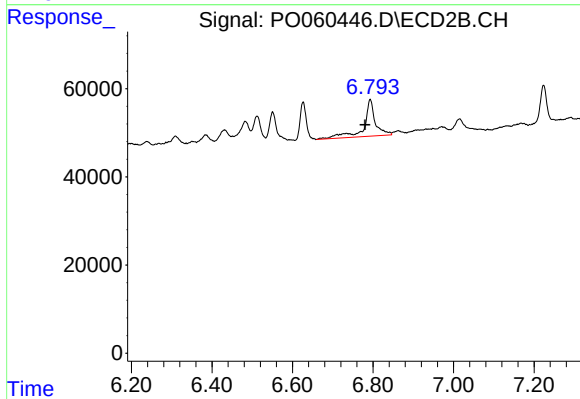
#33 AR-1260-3

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 29314
Conc: 11.07 ng/ml



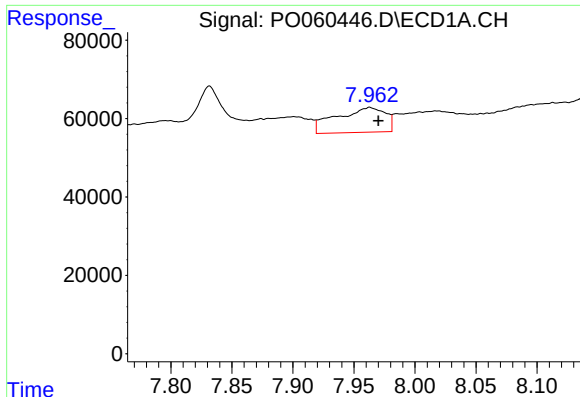
#34 AR-1260-4

R.T.: 7.650 min
Delta R.T.: -0.010 min
Response: 107026
Conc: 34.85 ng/ml



#34 AR-1260-4

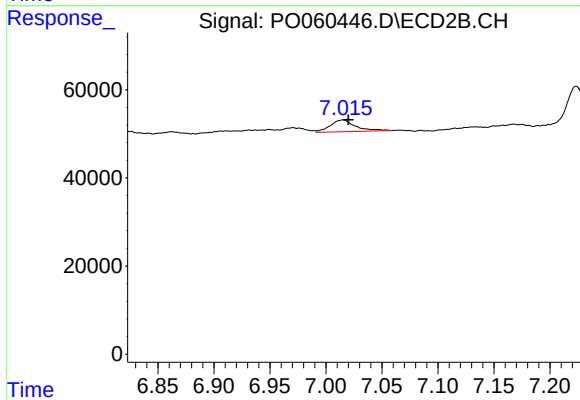
R.T.: 6.793 min
Delta R.T.: 0.013 min
Response: 165501
Conc: 73.15 ng/ml



#35 AR-1260-5

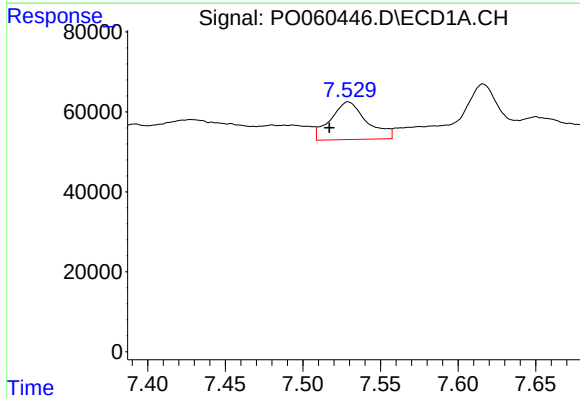
R.T.: 7.963 min
Delta R.T.: -0.007 min
Response: 177124
Conc: 25.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



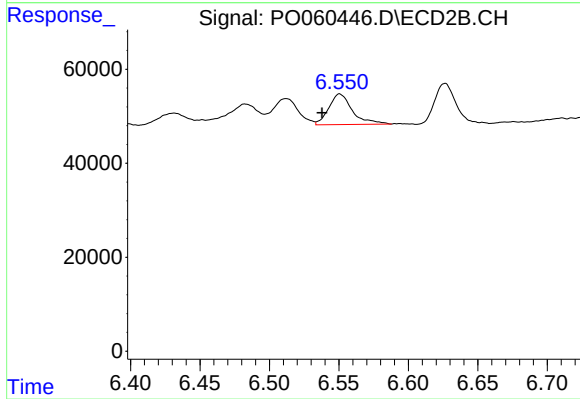
#35 AR-1260-5

R.T.: 7.015 min
Delta R.T.: -0.005 min
Response: 42199
Conc: 7.67 ng/ml



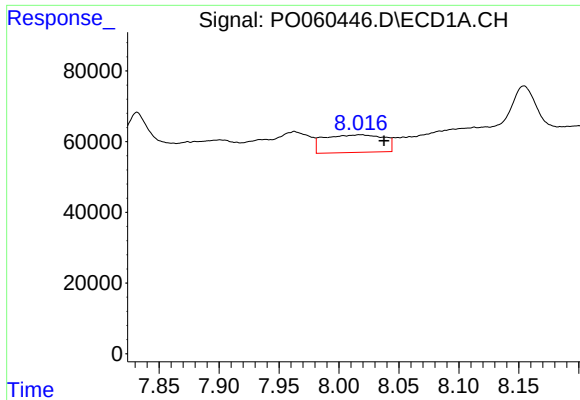
#36 AR-1262-1

R.T.: 7.529 min
Delta R.T.: 0.012 min
Response: 154162
Conc: 31.77 ng/ml



#36 AR-1262-1

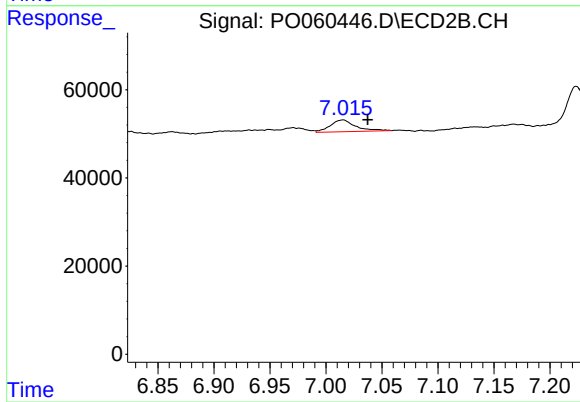
R.T.: 6.551 min
Delta R.T.: 0.013 min
Response: 77379
Conc: 20.76 ng/ml



#37 AR-1262-2

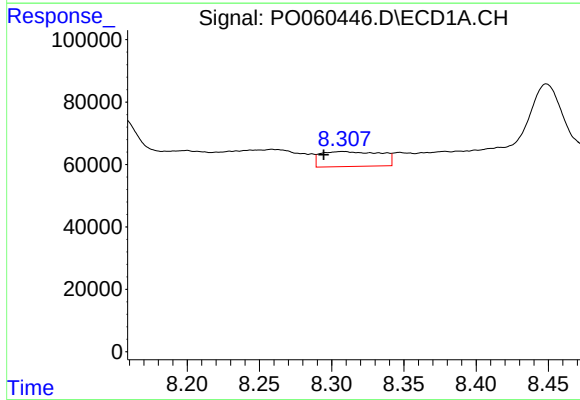
R.T.: 8.018 min
Delta R.T.: -0.019 min
Response: 171954
Conc: 22.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



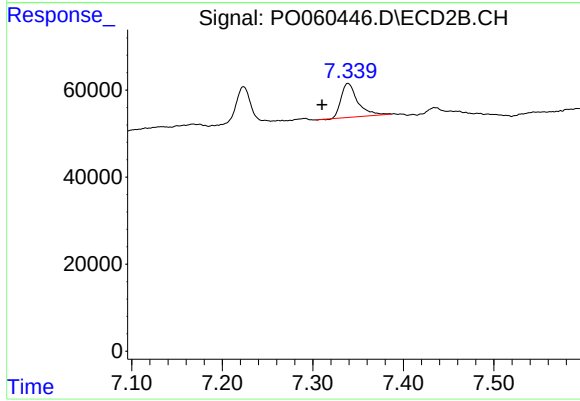
#37 AR-1262-2

R.T.: 7.015 min
Delta R.T.: -0.022 min
Response: 42199
Conc: 7.18 ng/ml



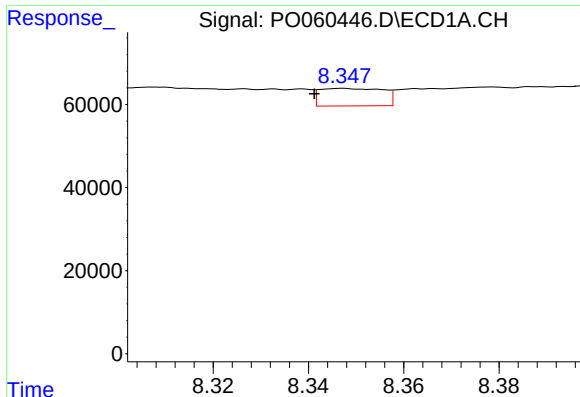
#38 AR-1262-3

R.T.: 8.308 min
Delta R.T.: 0.013 min
Response: 138570
Conc: 27.16 ng/ml



#38 AR-1262-3

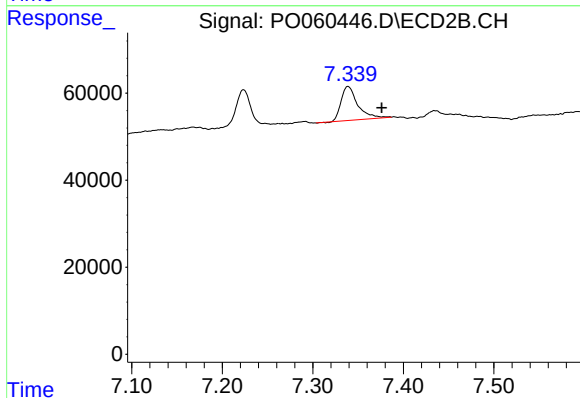
R.T.: 7.339 min
Delta R.T.: 0.029 min
Response: 98601
Conc: 38.80 ng/ml



#39 AR-1262-4

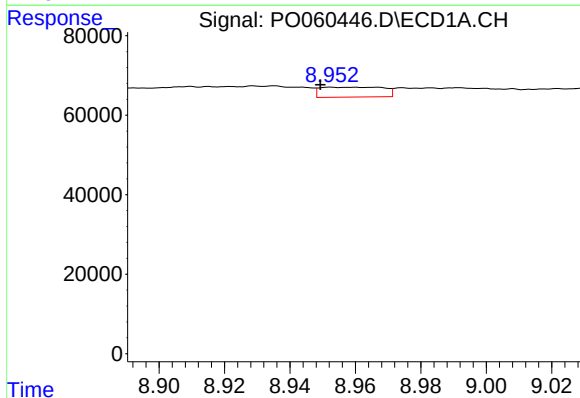
R.T.: 8.347 min
Delta R.T.: 0.006 min
Response: 38962
Conc: 10.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



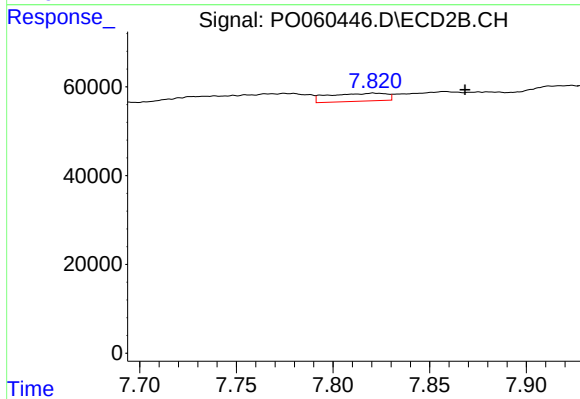
#39 AR-1262-4

R.T.: 7.339 min
Delta R.T.: -0.037 min
Response: 98601
Conc: 22.31 ng/ml



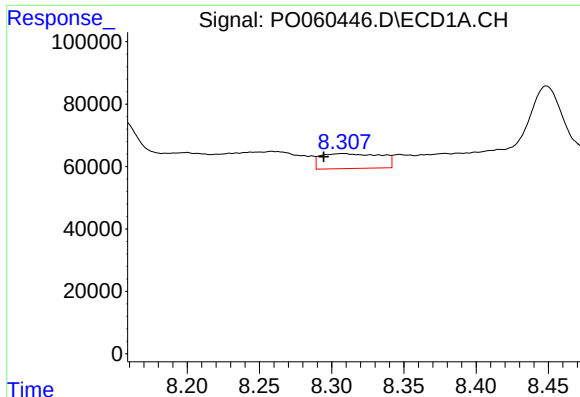
#40 AR-1262-5

R.T.: 8.953 min
Delta R.T.: 0.004 min
Response: 33524
Conc: 13.06 ng/ml



#40 AR-1262-5

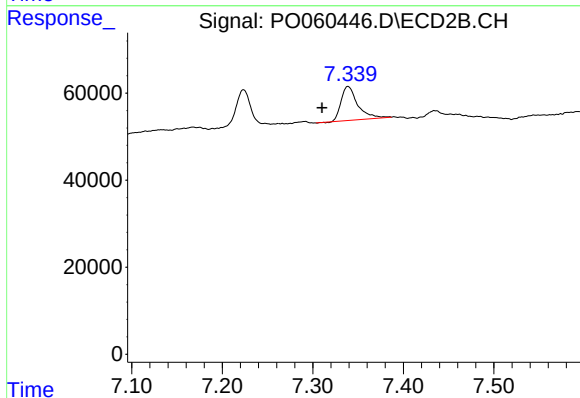
R.T.: 7.821 min
Delta R.T.: -0.047 min
Response: 37451
Conc: 20.74 ng/ml



#41 AR-1268-1

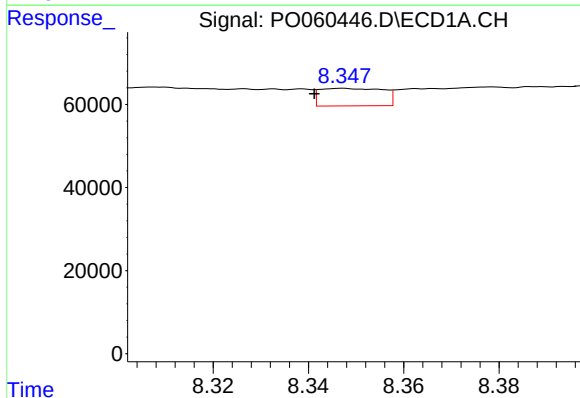
R.T.: 8.308 min
Delta R.T.: 0.013 min
Response: 138570
Conc: 14.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



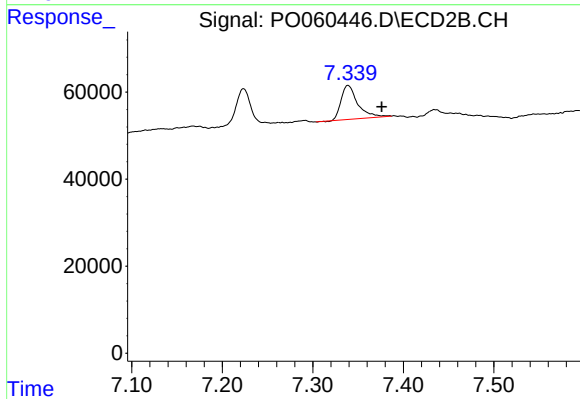
#41 AR-1268-1

R.T.: 7.339 min
Delta R.T.: 0.029 min
Response: 98601
Conc: 13.85 ng/ml



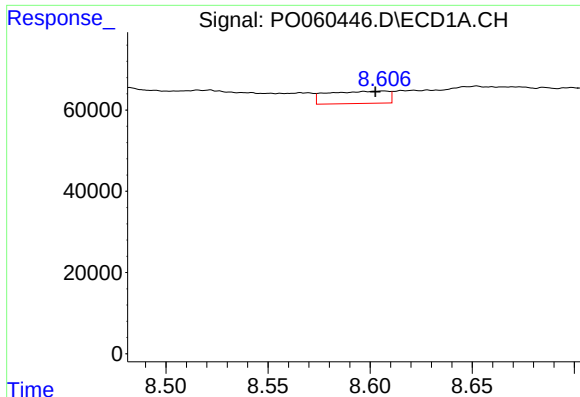
#42 AR-1268-2

R.T.: 8.347 min
Delta R.T.: 0.006 min
Response: 38962
Conc: 4.94 ng/ml



#42 AR-1268-2

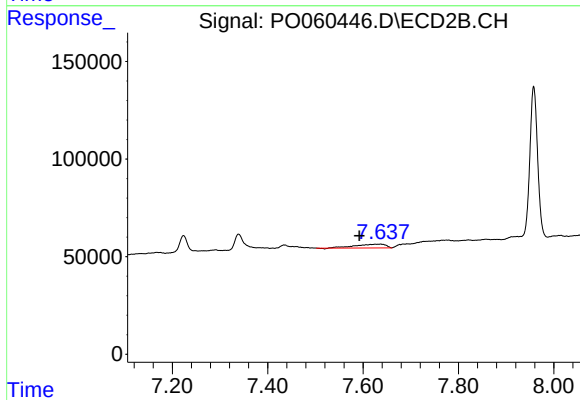
R.T.: 7.339 min
Delta R.T.: -0.037 min
Response: 98601
Conc: 15.29 ng/ml



#43 AR-1268-3

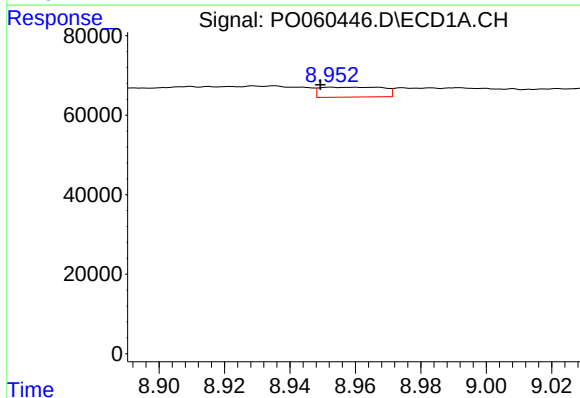
R.T.: 8.606 min
Delta R.T.: 0.004 min
Response: 62419
Conc: 8.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



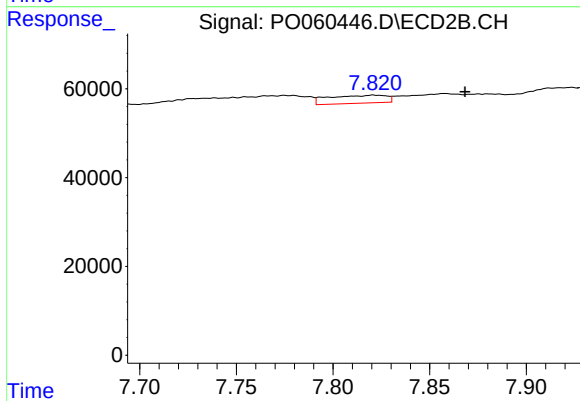
#43 AR-1268-3

R.T.: 7.637 min
Delta R.T.: 0.044 min
Response: 83371
Conc: 15.24 ng/ml



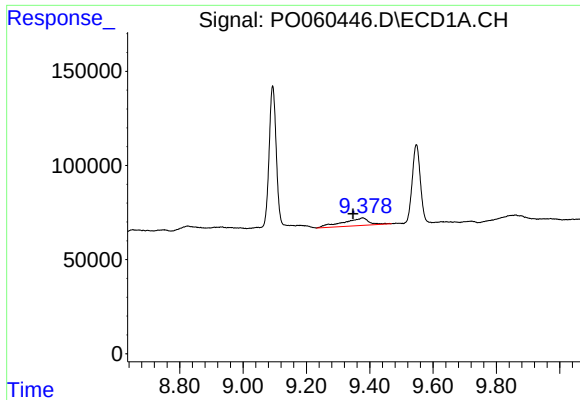
#44 AR-1268-4

R.T.: 8.953 min
Delta R.T.: 0.004 min
Response: 33524
Conc: 12.06 ng/ml



#44 AR-1268-4

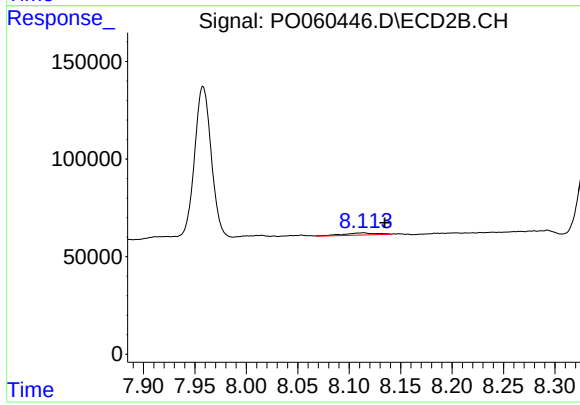
R.T.: 7.821 min
Delta R.T.: -0.047 min
Response: 37451
Conc: 18.35 ng/ml



#45 AR-1268-5

R.T.: 9.378 min
Delta R.T.: 0.030 min
Response: 237438
Conc: 12.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.114 min
Delta R.T.: -0.021 min
Response: 24515
Conc: 1.69 ng/ml