

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
 Data File : P0060009.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Aug 2019 12:43
 Operator : SM/AJ
 Sample : K4517-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 T4-S-C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 00:58:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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...	4.127	3.499	974875	820246	27.844	22.787
2)	SA Decachlor...	9.591	8.358	1060799	813068	19.940	20.165
Target Compounds							
3)	L1 AR-1016-1	5.278	0.000	2400	0	1.496	N.D. #
4)	L1 AR-1016-2	5.301	0.000	2764	0	1.155	N.D. #
5)	L1 AR-1016-3	5.348	0.000	4300	0	2.887	N.D. #
6)	L1 AR-1016-4	5.472	4.812	910	14043	0.753	15.552 #
7)	L1 AR-1016-5	5.710	0.000	3693	0	2.876	N.D. #
8)	L2 AR-1221-1	4.367	0.000	842	0	1.988	N.D. #
9)	L2 AR-1221-2	4.428	0.000	16796	0	51.714	N.D. #
10)	L2 AR-1221-3	4.502	0.000	3344	0	3.179	N.D. #
11)	L3 AR-1232-1	4.502	0.000	3344	0	2.683	N.D. #
12)	L3 AR-1232-2	5.012	0.000	4792	0	6.784	N.D. #
13)	L3 AR-1232-3	5.301	0.000	2764	0	1.805	N.D. #
14)	L3 AR-1232-4	5.541	4.812	3775	14043	4.828	23.019 #
15)	L3 AR-1232-5	5.582	0.000	2324	0	3.867	N.D. #
16)	L4 AR-1242-1	5.301	0.000	2764	0	2.177	N.D. #
17)	L4 AR-1242-2	5.301	0.000	2764	0	1.489	N.D. #
18)	L4 AR-1242-3	5.348	0.000	4300	0	3.678	N.D. #
19)	L4 AR-1242-4	5.541	4.812	3775	14043	3.900	16.830 #
20)	L4 AR-1242-5	6.217	5.352	37809	223573	30.089	199.868 #
21)	L5 AR-1248-1	5.278	0.000	2400	0	2.393	N.D. #
22)	L5 AR-1248-2	5.541	4.812	3775	14043	2.602	12.178 #
23)	L5 AR-1248-3	5.710	4.812	3693	14043	2.222	11.823 #
24)	L5 AR-1248-4	6.119	0.000	602234	0	294.620	N.D. #
25)	L5 AR-1248-5	6.182	5.352	125990	223573	63.533	156.204 #
26)	L6 AR-1254-1	6.119	5.352	602234	223573	288.645	94.263 #
27)	L6 AR-1254-2	6.331	5.532	186812	176393	55.995	84.065 #
28)	L6 AR-1254-3	6.690	5.871	144486	253621	40.718	75.426 #
29)	L6 AR-1254-4	6.974	6.095	324911	50353	110.306	24.422 #
30)	L6 AR-1254-5	7.390	6.504	201752	79317	65.241	25.545 #
31)	L7 AR-1260-1	6.856	5.995	166756	177858	61.857	78.045 #
32)	L7 AR-1260-2	7.105	6.184	225389	182604	60.744	62.325
33)	L7 AR-1260-3	7.460	6.330	207806	100494	63.426	37.935 #
34)	L7 AR-1260-4	7.685	6.794	594636	37944	193.609	16.770 #
35)	L7 AR-1260-5	7.993	7.037	300740	81334	42.472	14.779 #
36)	L8 AR-1262-1	7.519	6.538	187368	56554	38.610	15.172 #
37)	L8 AR-1262-2	7.993	7.037	300740	81334	38.977	13.835 #
38)	L8 AR-1262-3	8.293	7.310	162712	33383	31.890	13.138 #
39)	L8 AR-1262-4	8.356	7.375	282537	68479	73.296	15.497 #
40)	L8 AR-1262-5	8.949	7.867	171298	29671	66.742	16.433 #
41)	L9 AR-1268-1	8.293	7.310	162712	33383	17.290	4.688 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082919\
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Acq On : 29 Aug 2019 12:43
Operator : SM/AJ
Sample : K4517-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

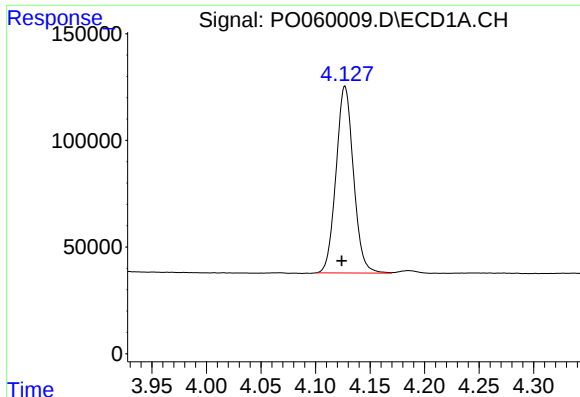
Instrument :
ECD_O
ClientSampleId :
T4-S-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 00:58:38 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.356	7.375	282537	68479	35.843	10.620 #
43)	L9 AR-1268-3	8.619	7.574	156339	14979	22.180	2.738 #
44)	L9 AR-1268-4	8.949	7.867	171298	29671	61.617	14.535 #
45)	L9 AR-1268-5	9.308	8.133	167789	30980	9.098	2.132 #

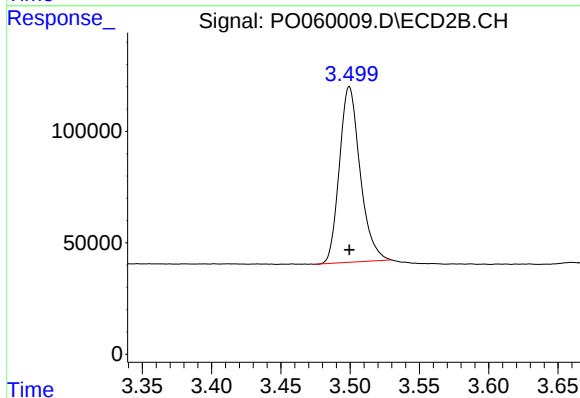
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

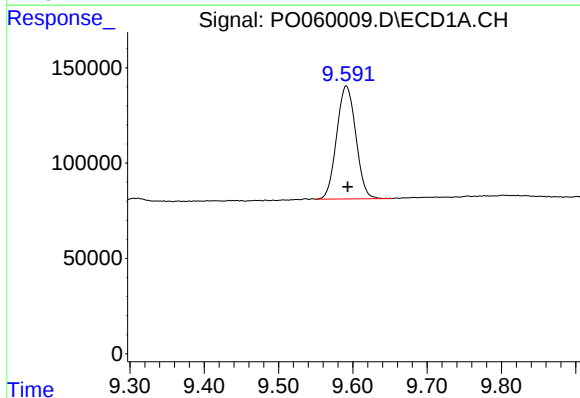
R.T.: 4.127 min
Delta R.T.: 0.003 min
Response: 974875
Conc: 27.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



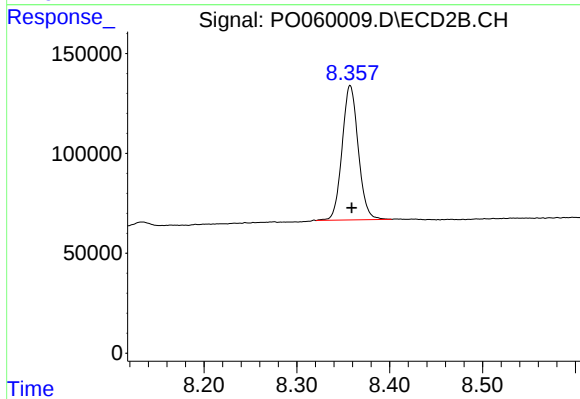
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: 0.000 min
Response: 820246
Conc: 22.79 ng/ml



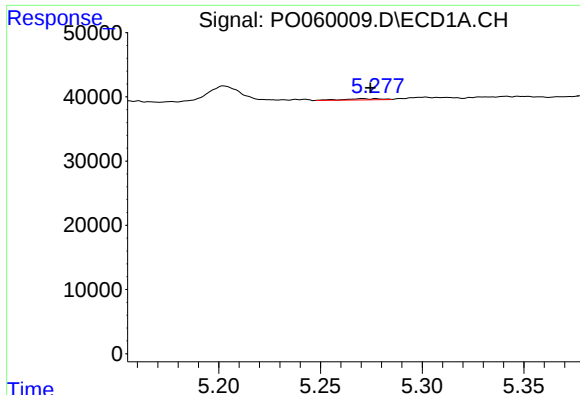
#2 Decachlorobiphenyl

R.T.: 9.591 min
Delta R.T.: -0.002 min
Response: 1060799
Conc: 19.94 ng/ml



#2 Decachlorobiphenyl

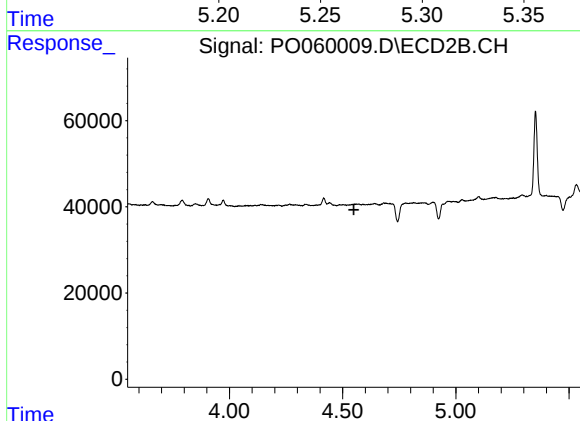
R.T.: 8.358 min
Delta R.T.: -0.002 min
Response: 813068
Conc: 20.16 ng/ml



#3 AR-1016-1

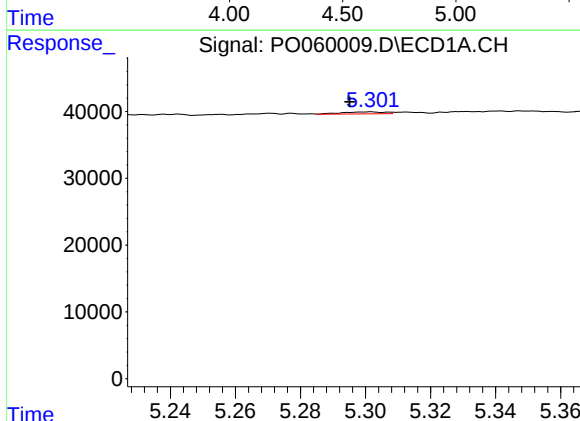
R.T.: 5.278 min
Delta R.T.: 0.003 min
Response: 2400
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



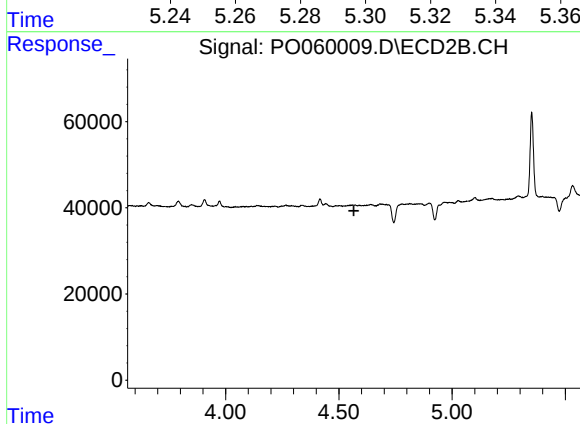
#3 AR-1016-1

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



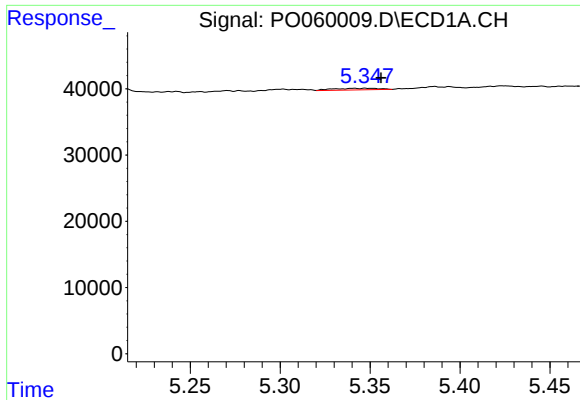
#4 AR-1016-2

R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 2764
Conc: 1.16 ng/ml



#4 AR-1016-2

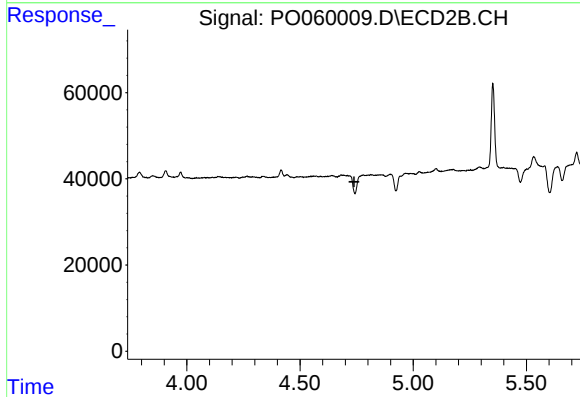
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#5 AR-1016-3

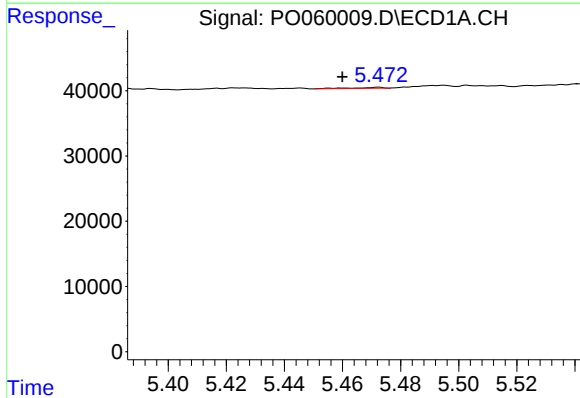
R.T.: 5.348 min
Delta R.T.: -0.008 min
Response: 4300
Conc: 2.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



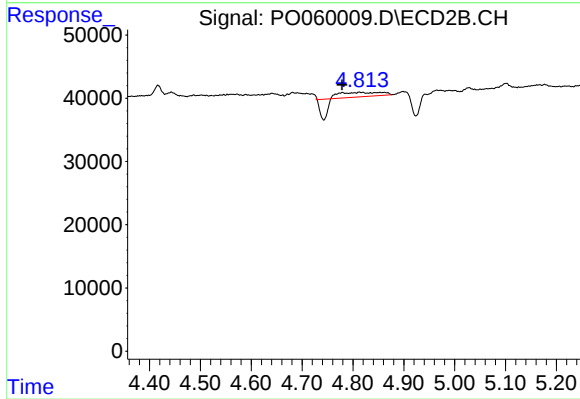
#5 AR-1016-3

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



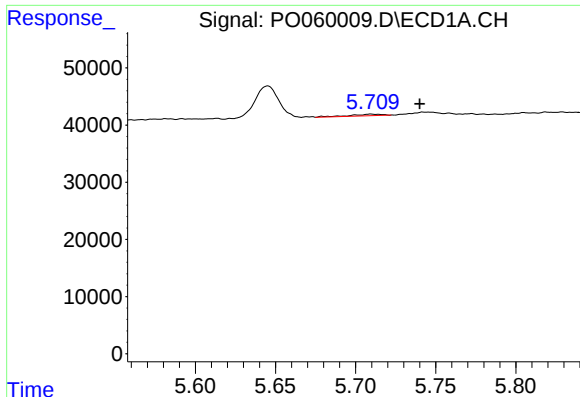
#6 AR-1016-4

R.T.: 5.472 min
Delta R.T.: 0.012 min
Response: 910
Conc: 0.75 ng/ml



#6 AR-1016-4

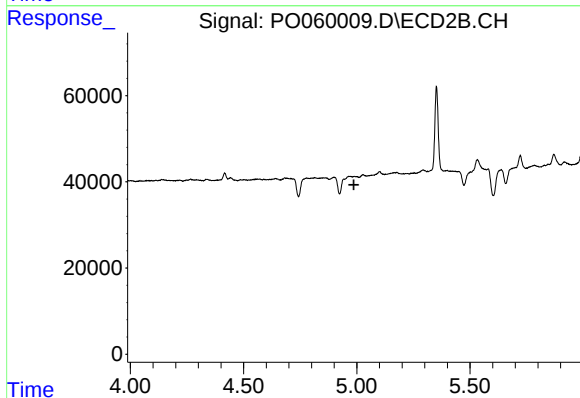
R.T.: 4.812 min
Delta R.T.: 0.033 min
Response: 14043
Conc: 15.55 ng/ml



#7 AR-1016-5

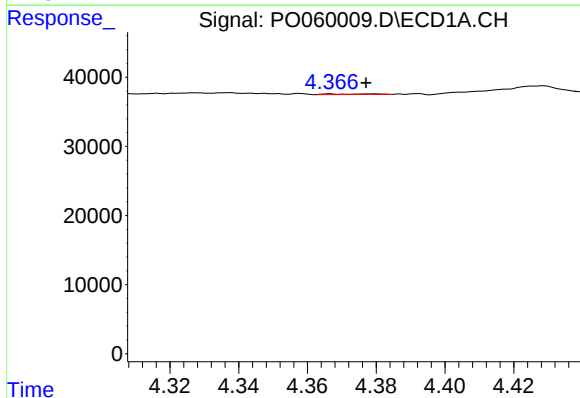
R.T.: 5.710 min
Delta R.T.: -0.030 min
Response: 3693
Conc: 2.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



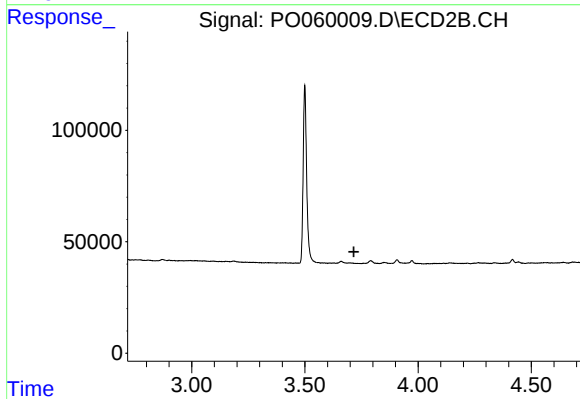
#7 AR-1016-5

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



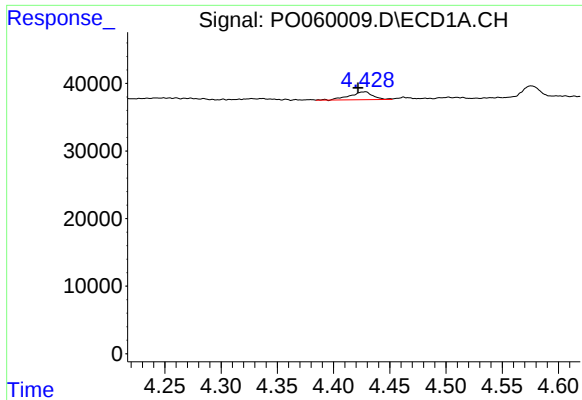
#8 AR-1221-1

R.T.: 4.367 min
Delta R.T.: -0.010 min
Response: 842
Conc: 1.99 ng/ml



#8 AR-1221-1

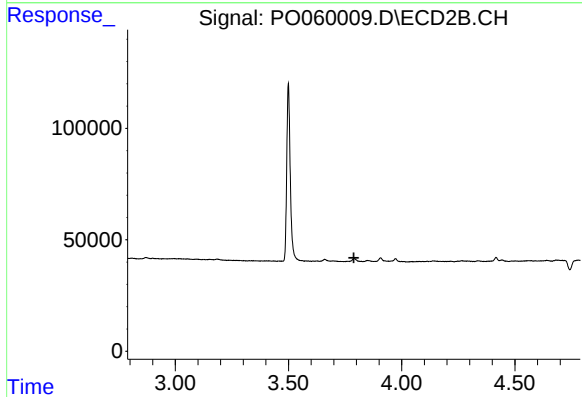
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

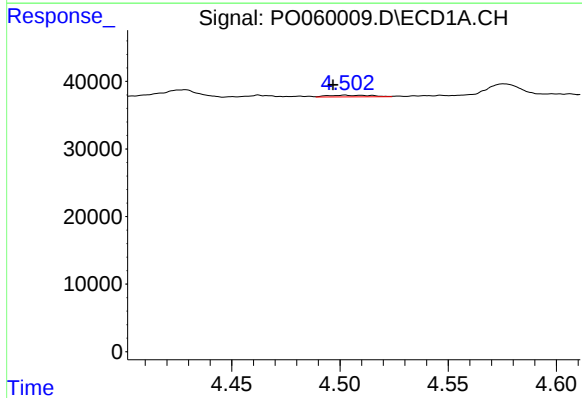
R.T.: 4.428 min
Delta R.T.: 0.006 min
Response: 16796
Conc: 51.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



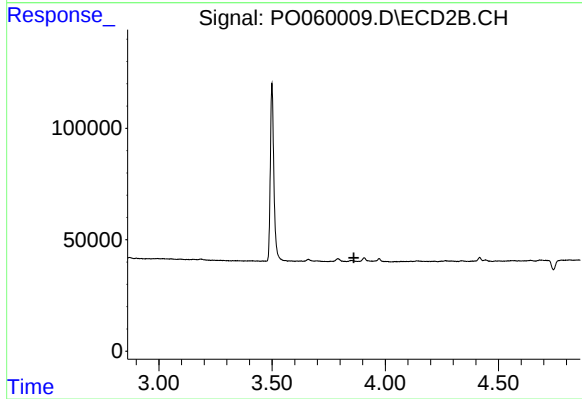
#9 AR-1221-2

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



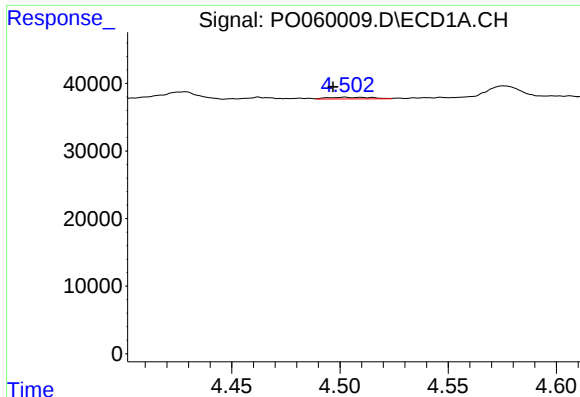
#10 AR-1221-3

R.T.: 4.502 min
Delta R.T.: 0.005 min
Response: 3344
Conc: 3.18 ng/ml



#10 AR-1221-3

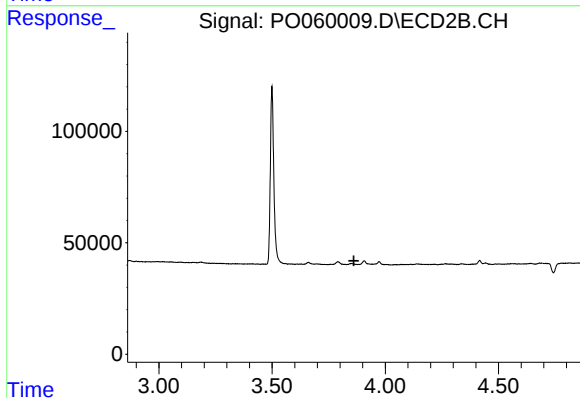
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#11 AR-1232-1

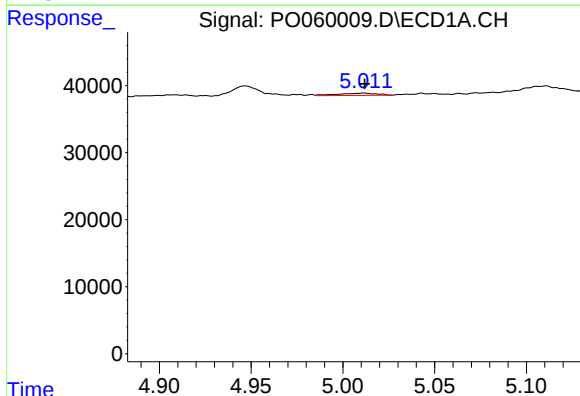
R.T.: 4.502 min
Delta R.T.: 0.005 min
Response: 3344
Conc: 2.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



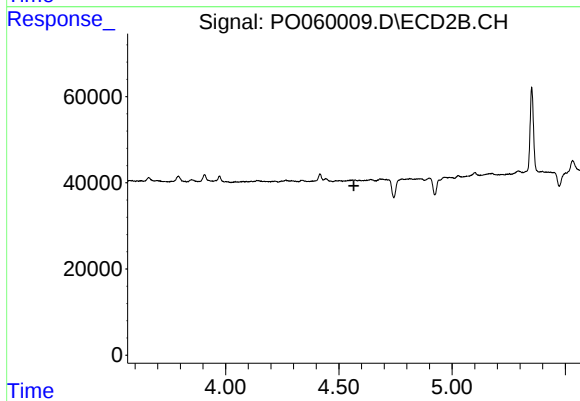
#11 AR-1232-1

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



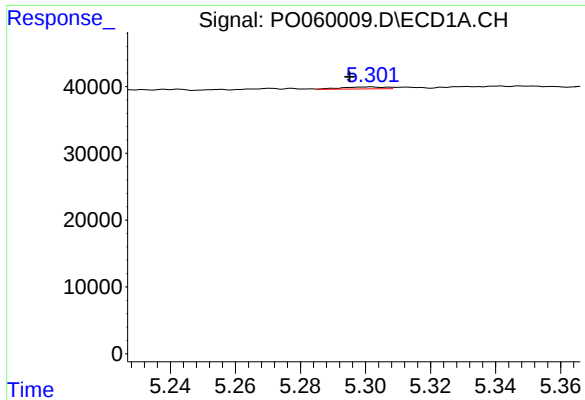
#12 AR-1232-2

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 4792
Conc: 6.78 ng/ml



#12 AR-1232-2

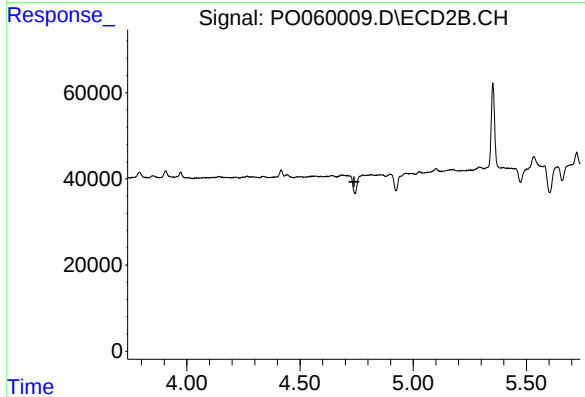
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#13 AR-1232-3

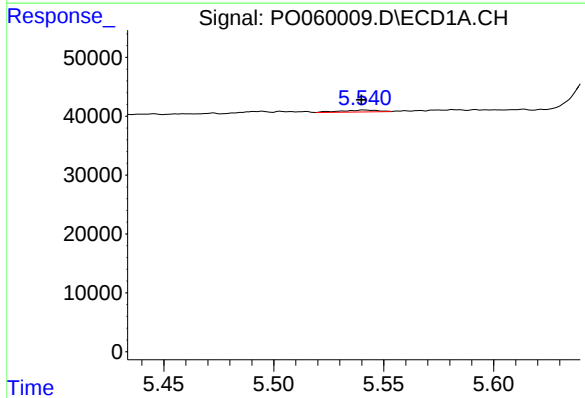
R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 2764
Conc: 1.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



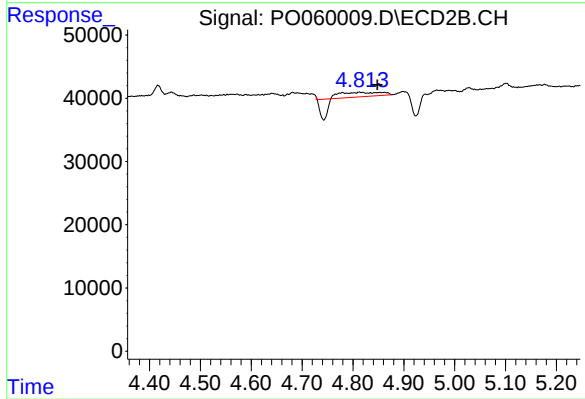
#13 AR-1232-3

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



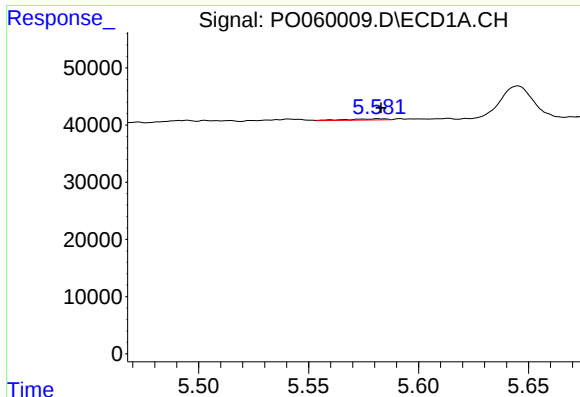
#14 AR-1232-4

R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 3775
Conc: 4.83 ng/ml



#14 AR-1232-4

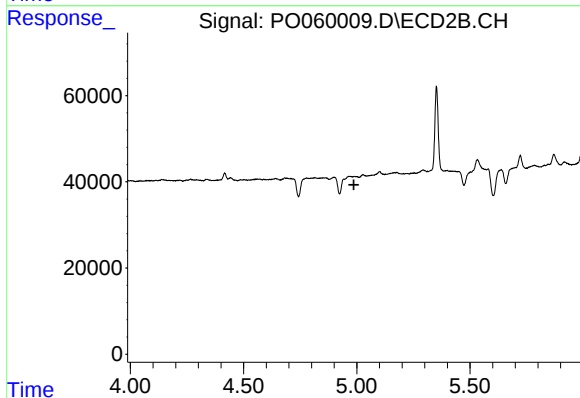
R.T.: 4.812 min
Delta R.T.: -0.036 min
Response: 14043
Conc: 23.02 ng/ml



#15 AR-1232-5

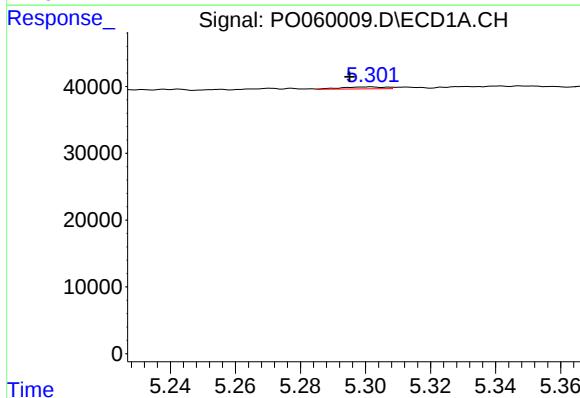
R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 2324
Conc: 3.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



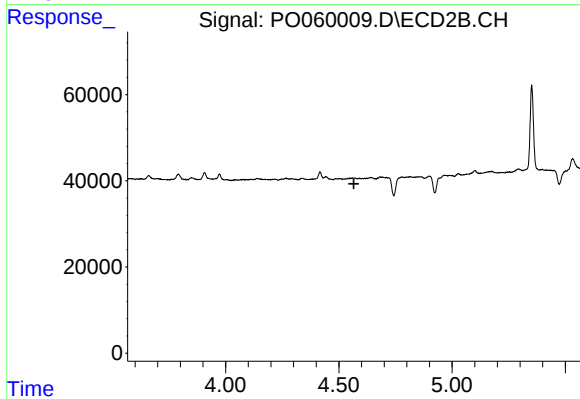
#15 AR-1232-5

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



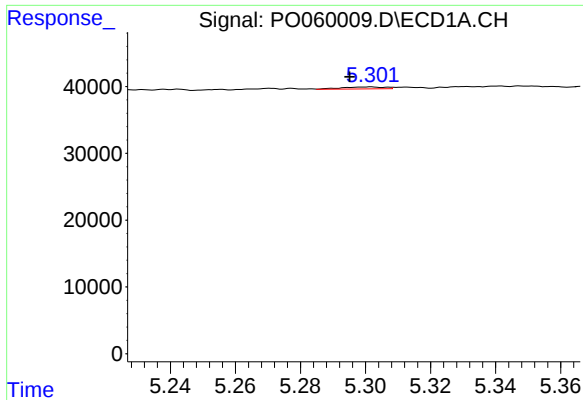
#16 AR-1242-1

R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 2764
Conc: 2.18 ng/ml



#16 AR-1242-1

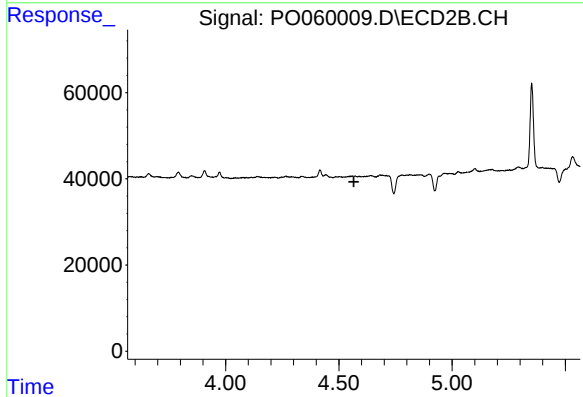
R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#17 AR-1242-2

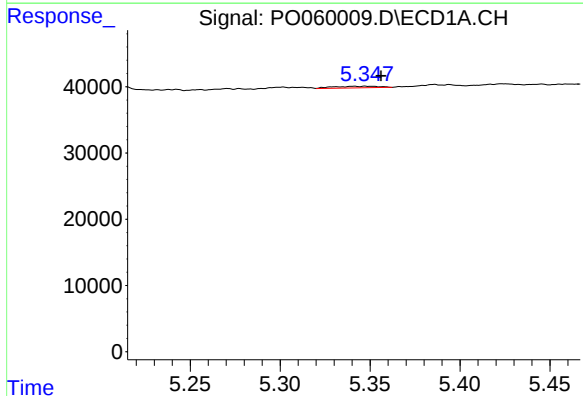
R.T.: 5.301 min
Delta R.T.: 0.006 min
Response: 2764
Conc: 1.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



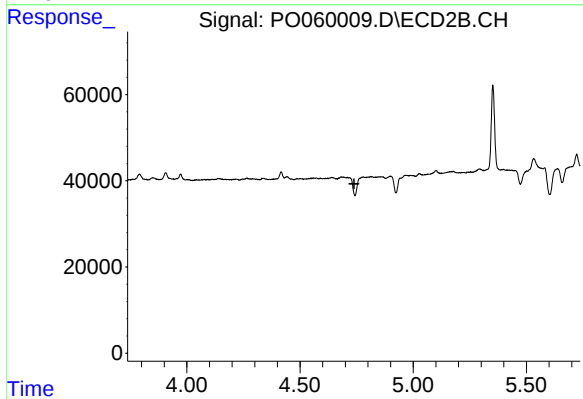
#17 AR-1242-2

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



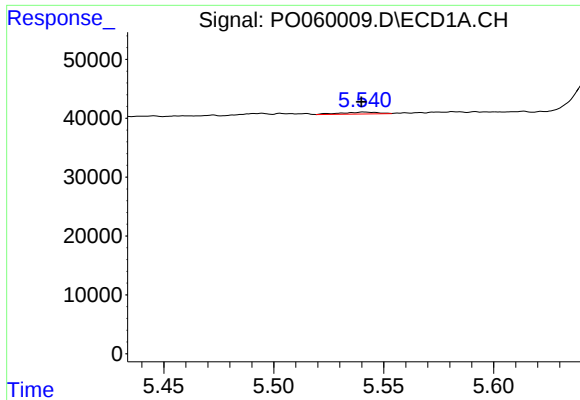
#18 AR-1242-3

R.T.: 5.348 min
Delta R.T.: -0.008 min
Response: 4300
Conc: 3.68 ng/ml



#18 AR-1242-3

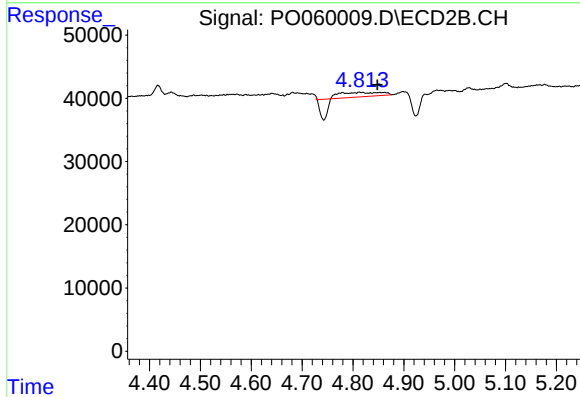
R.T.: 0.000 min
Exp R.T. : 4.738 min
Response: 0
Conc: N.D.



#19 AR-1242-4

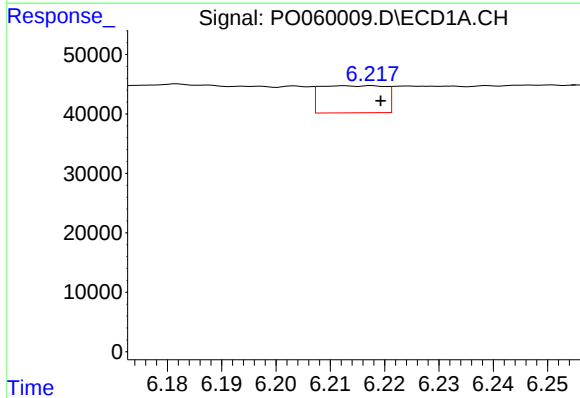
R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 3775
Conc: 3.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



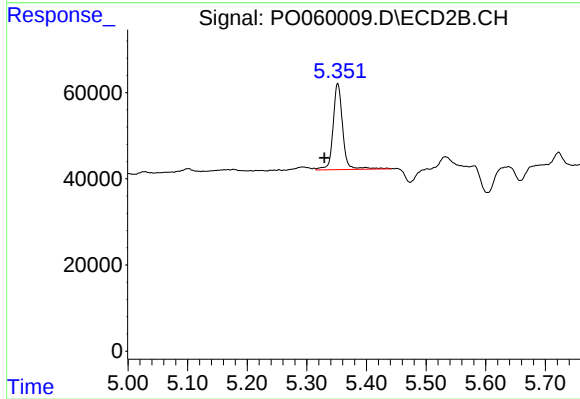
#19 AR-1242-4

R.T.: 4.812 min
Delta R.T.: -0.036 min
Response: 14043
Conc: 16.83 ng/ml



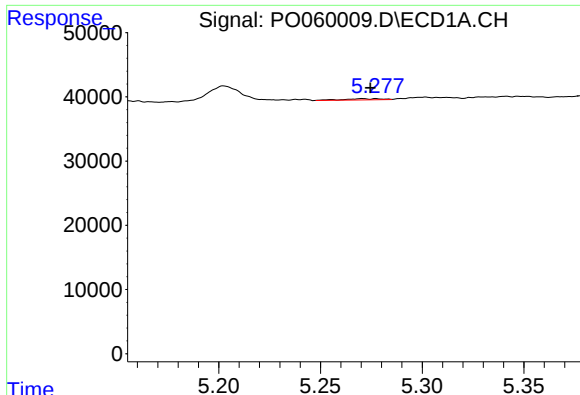
#20 AR-1242-5

R.T.: 6.217 min
Delta R.T.: -0.002 min
Response: 37809
Conc: 30.09 ng/ml



#20 AR-1242-5

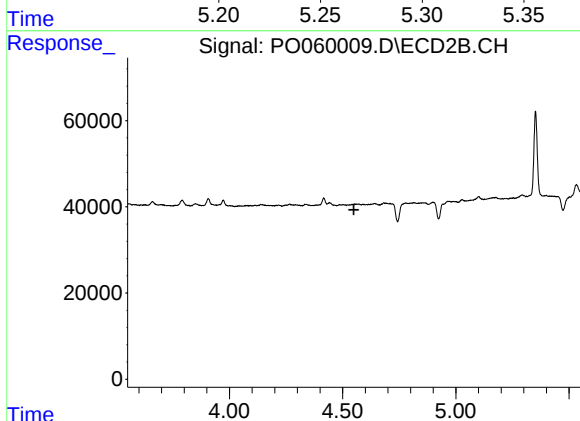
R.T.: 5.352 min
Delta R.T.: 0.022 min
Response: 223573
Conc: 199.87 ng/ml



#21 AR-1248-1

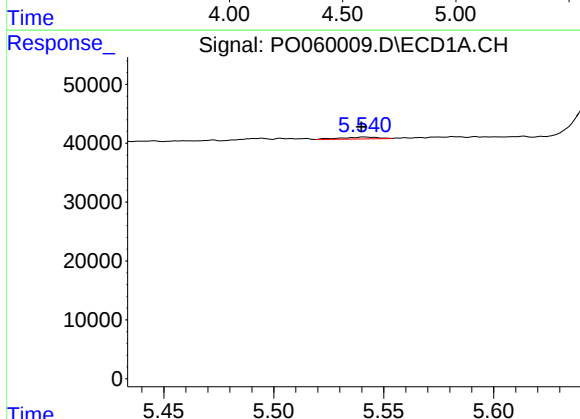
R.T.: 5.278 min
Delta R.T.: 0.003 min
Response: 2400
Conc: 2.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



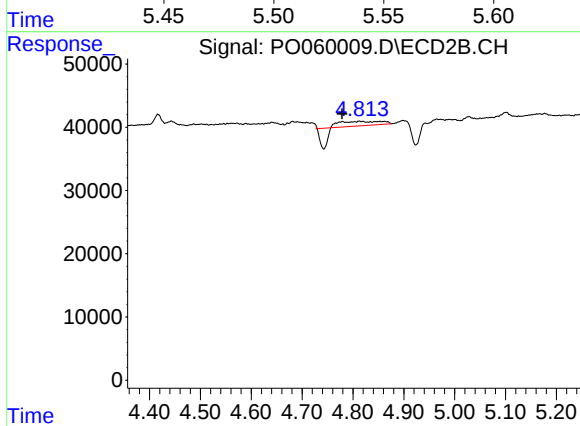
#21 AR-1248-1

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



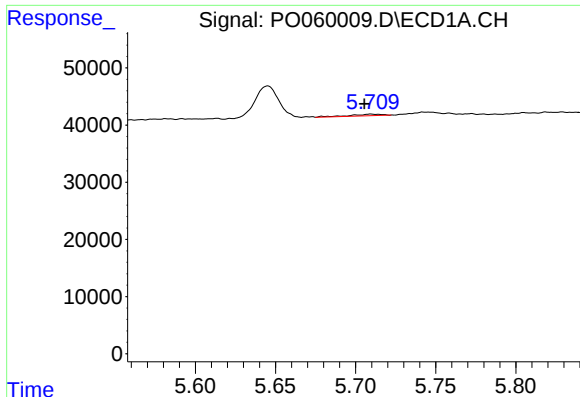
#22 AR-1248-2

R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 3775
Conc: 2.60 ng/ml



#22 AR-1248-2

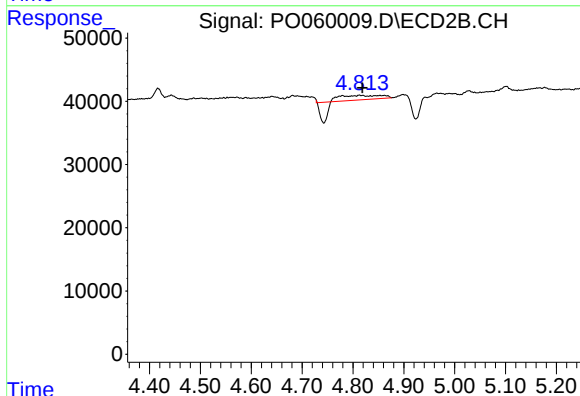
R.T.: 4.812 min
Delta R.T.: 0.033 min
Response: 14043
Conc: 12.18 ng/ml



#23 AR-1248-3

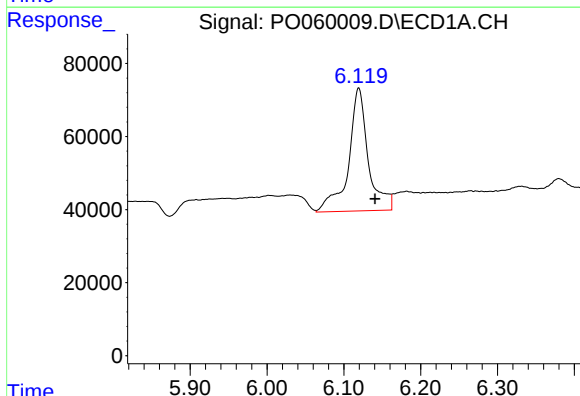
R.T.: 5.710 min
Delta R.T.: 0.004 min
Response: 3693
Conc: 2.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



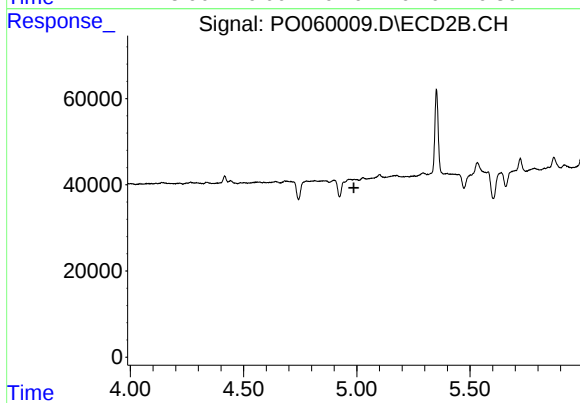
#23 AR-1248-3

R.T.: 4.812 min
Delta R.T.: -0.006 min
Response: 14043
Conc: 11.82 ng/ml



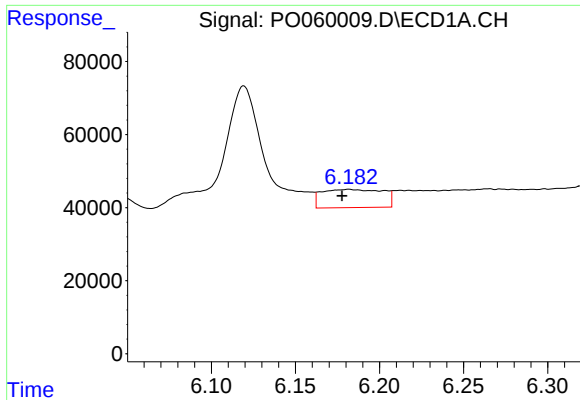
#24 AR-1248-4

R.T.: 6.119 min
Delta R.T.: -0.021 min
Response: 602234
Conc: 294.62 ng/ml



#24 AR-1248-4

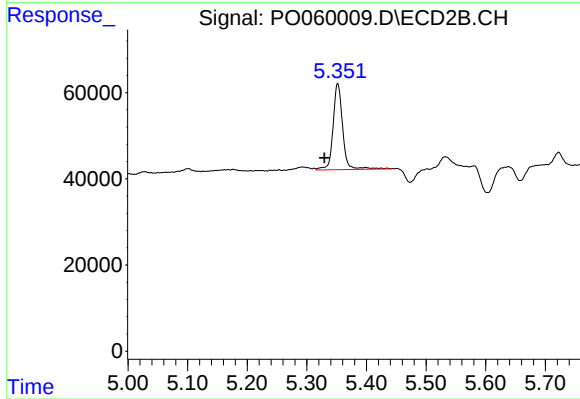
R.T.: 0.000 min
Exp R.T.: 4.987 min
Response: 0
Conc: N.D.



#25 AR-1248-5

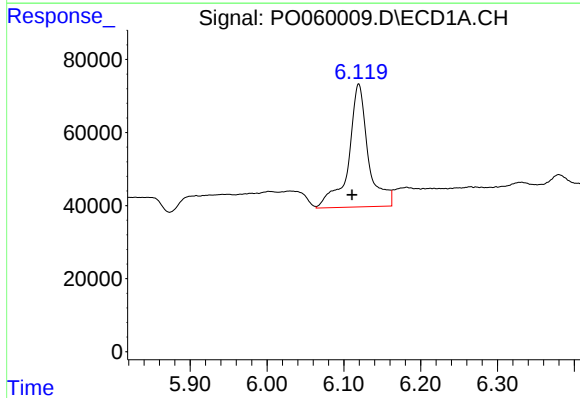
R.T.: 6.182 min
Delta R.T.: 0.004 min
Response: 125990
Conc: 63.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



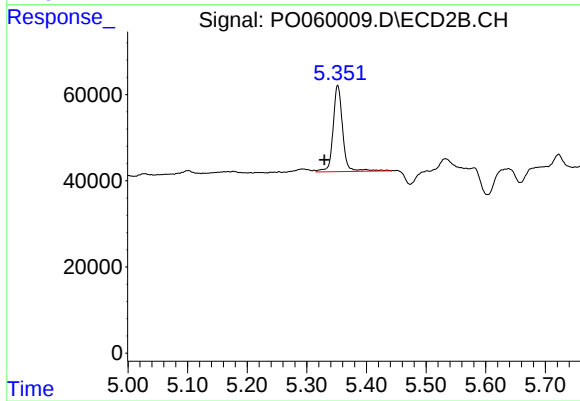
#25 AR-1248-5

R.T.: 5.352 min
Delta R.T.: 0.022 min
Response: 223573
Conc: 156.20 ng/ml



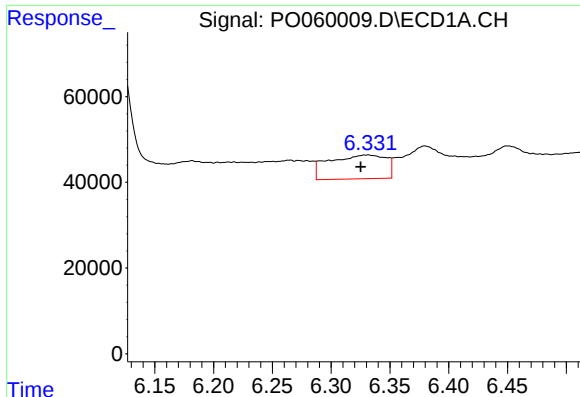
#26 AR-1254-1

R.T.: 6.119 min
Delta R.T.: 0.009 min
Response: 602234
Conc: 288.64 ng/ml



#26 AR-1254-1

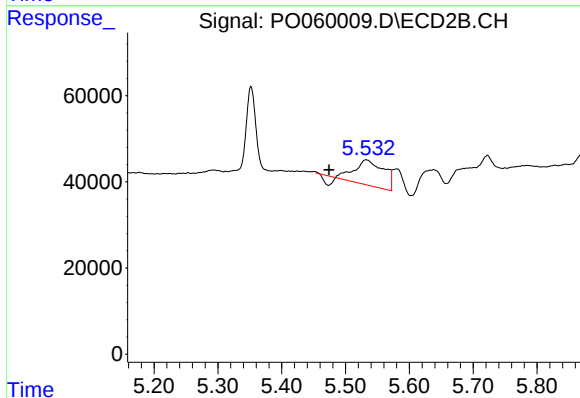
R.T.: 5.352 min
Delta R.T.: 0.022 min
Response: 223573
Conc: 94.26 ng/ml



#27 AR-1254-2

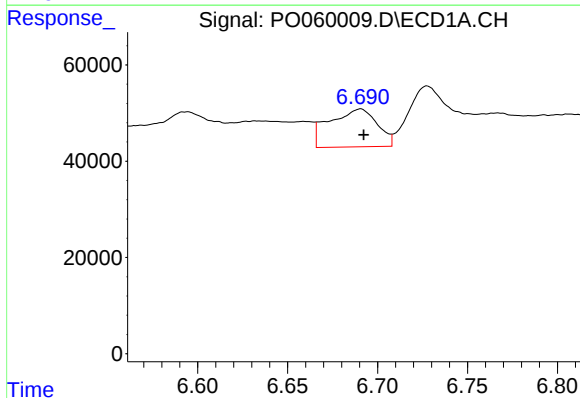
R.T.: 6.331 min
Delta R.T.: 0.006 min
Response: 186812
Conc: 55.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



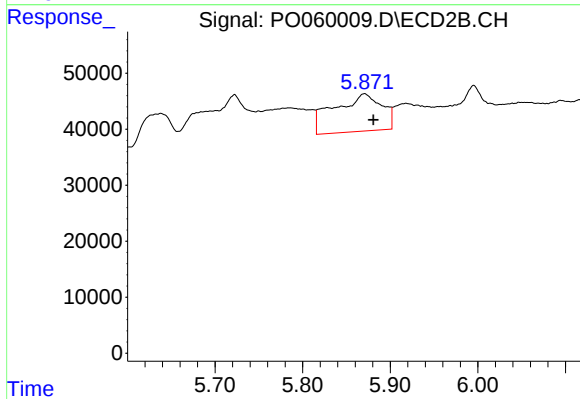
#27 AR-1254-2

R.T.: 5.532 min
Delta R.T.: 0.058 min
Response: 176393
Conc: 84.06 ng/ml



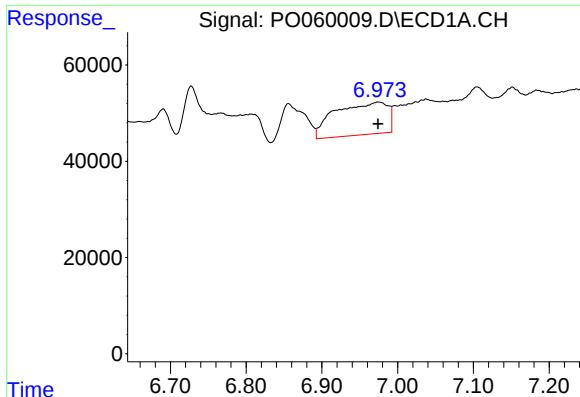
#28 AR-1254-3

R.T.: 6.690 min
Delta R.T.: -0.002 min
Response: 144486
Conc: 40.72 ng/ml



#28 AR-1254-3

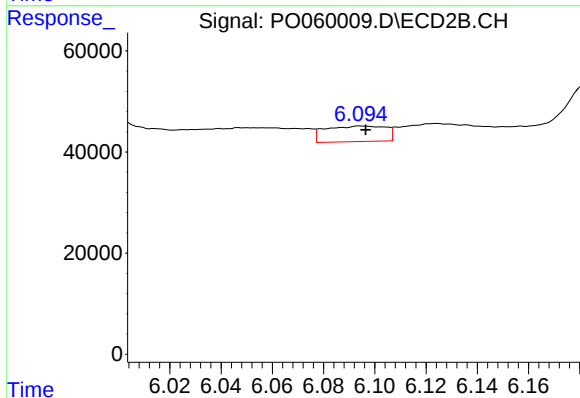
R.T.: 5.871 min
Delta R.T.: -0.010 min
Response: 253621
Conc: 75.43 ng/ml



#29 AR-1254-4

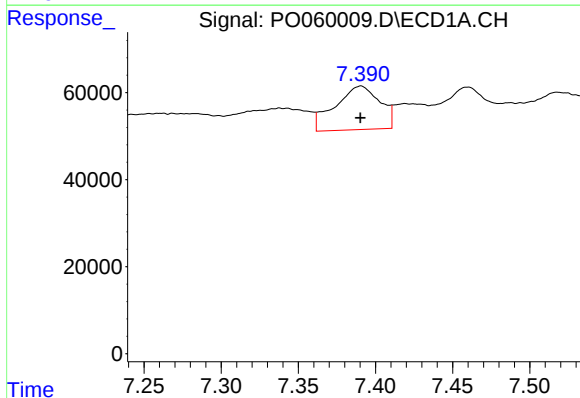
R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 324911
Conc: 110.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



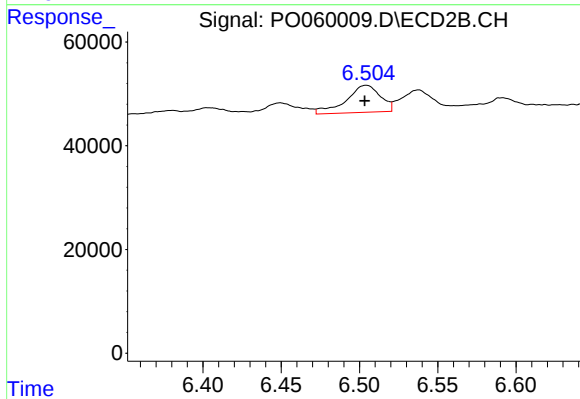
#29 AR-1254-4

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 50353
Conc: 24.42 ng/ml



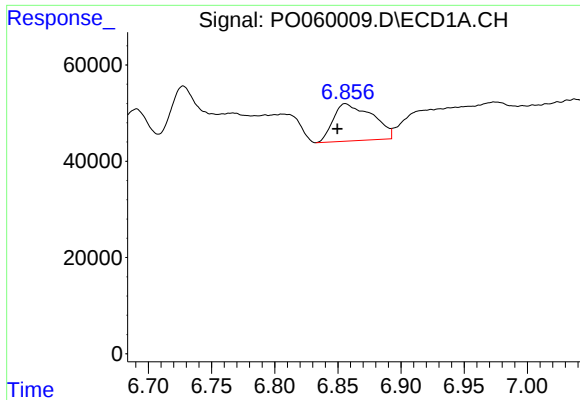
#30 AR-1254-5

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 201752
Conc: 65.24 ng/ml



#30 AR-1254-5

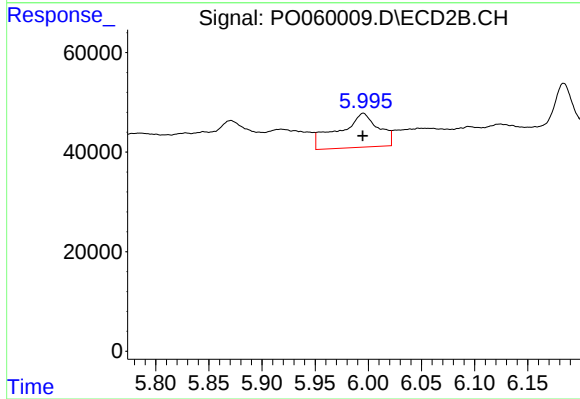
R.T.: 6.504 min
Delta R.T.: 0.001 min
Response: 79317
Conc: 25.55 ng/ml



#31 AR-1260-1

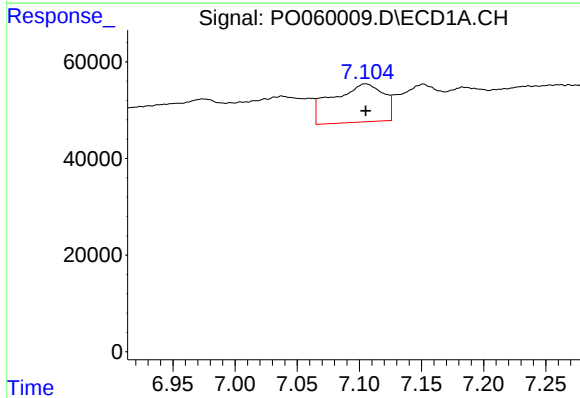
R.T.: 6.856 min
Delta R.T.: 0.006 min
Response: 166756
Conc: 61.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



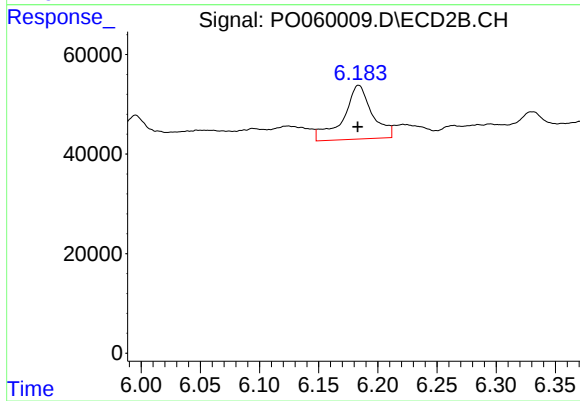
#31 AR-1260-1

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 177858
Conc: 78.05 ng/ml



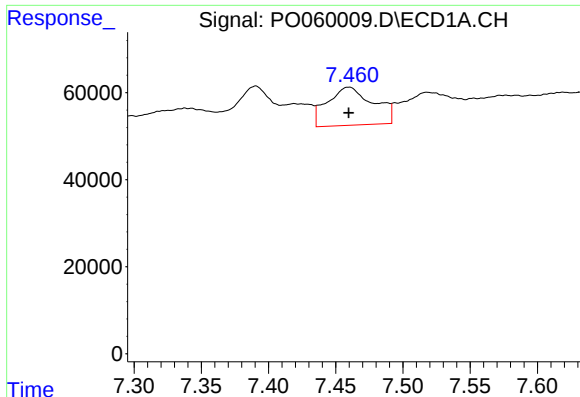
#32 AR-1260-2

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 225389
Conc: 60.74 ng/ml



#32 AR-1260-2

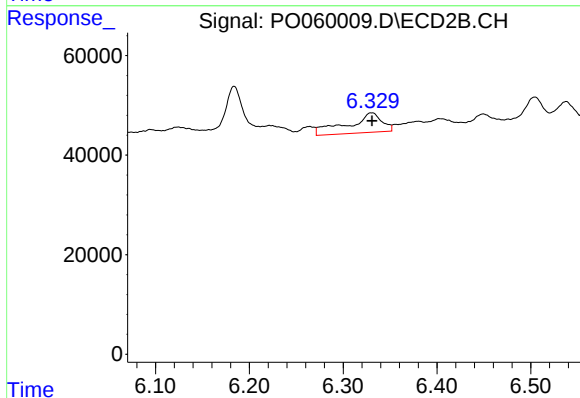
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 182604
Conc: 62.32 ng/ml



#33 AR-1260-3

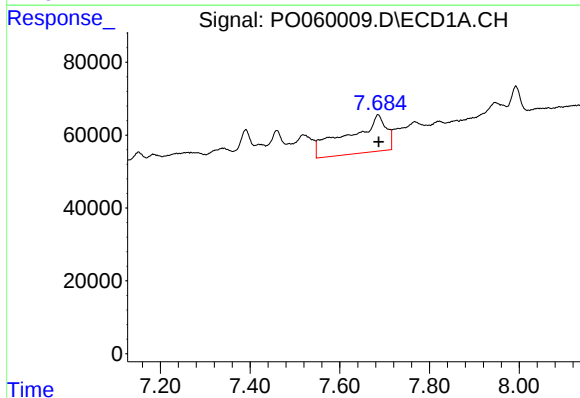
R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 207806
Conc: 63.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



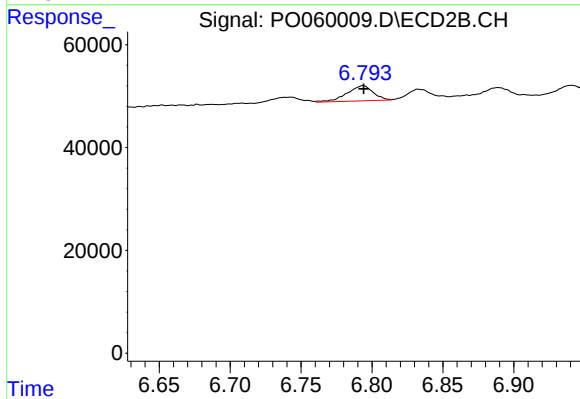
#33 AR-1260-3

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 100494
Conc: 37.93 ng/ml



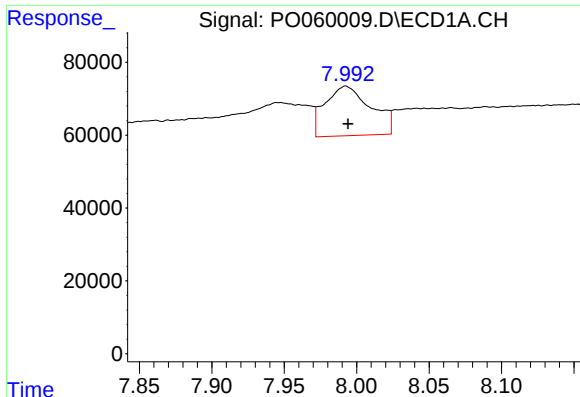
#34 AR-1260-4

R.T.: 7.685 min
Delta R.T.: -0.001 min
Response: 594636
Conc: 193.61 ng/ml



#34 AR-1260-4

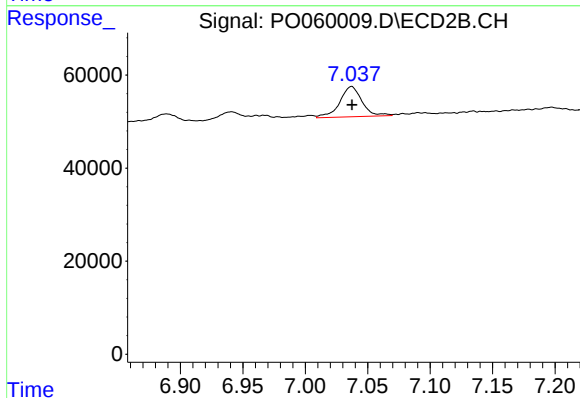
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 37944
Conc: 16.77 ng/ml



#35 AR-1260-5

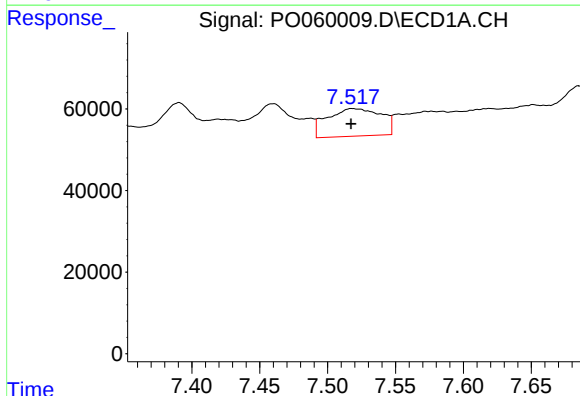
R.T.: 7.993 min
Delta R.T.: -0.002 min
Response: 300740
Conc: 42.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



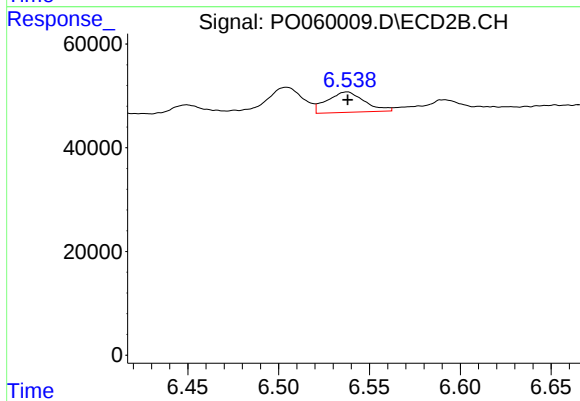
#35 AR-1260-5

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 81334
Conc: 14.78 ng/ml



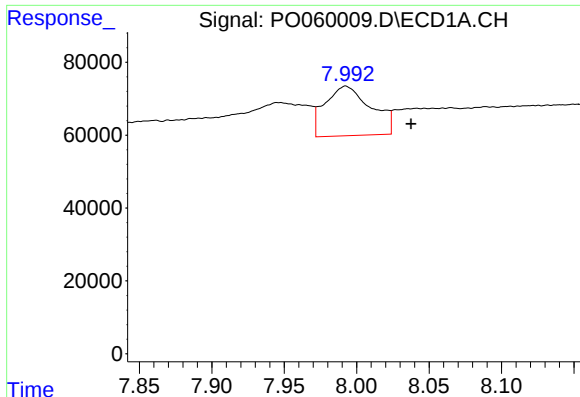
#36 AR-1262-1

R.T.: 7.519 min
Delta R.T.: 0.002 min
Response: 187368
Conc: 38.61 ng/ml



#36 AR-1262-1

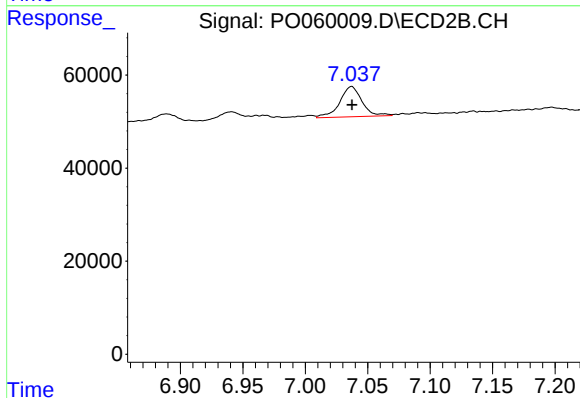
R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 56554
Conc: 15.17 ng/ml



#37 AR-1262-2

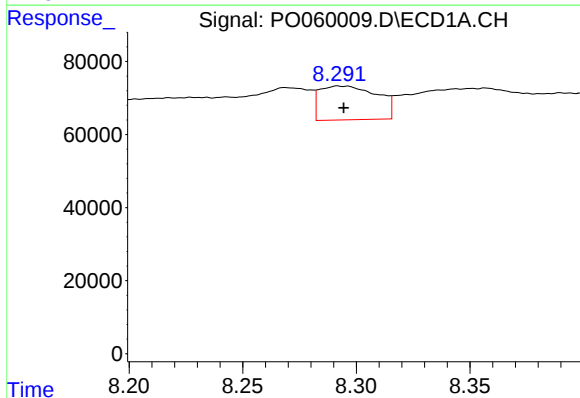
R.T.: 7.993 min
Delta R.T.: -0.045 min
Response: 300740
Conc: 38.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



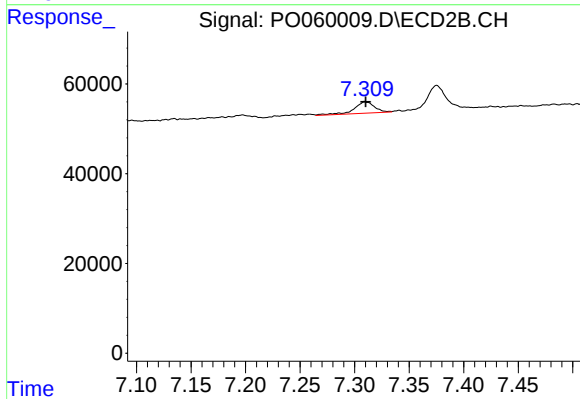
#37 AR-1262-2

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 81334
Conc: 13.83 ng/ml



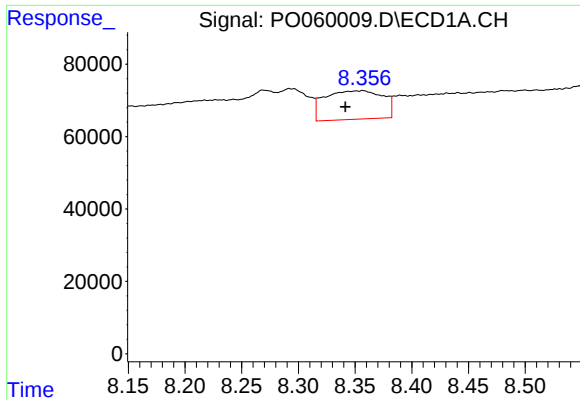
#38 AR-1262-3

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 162712
Conc: 31.89 ng/ml



#38 AR-1262-3

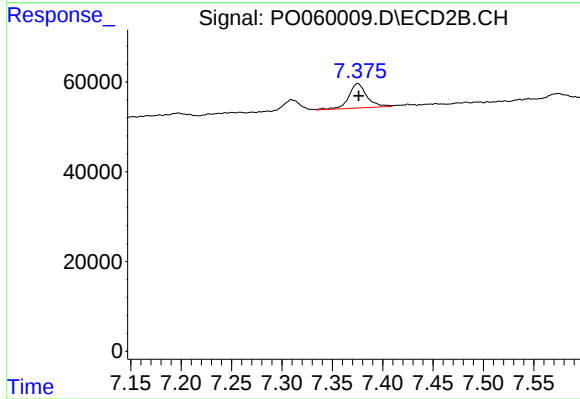
R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 33383
Conc: 13.14 ng/ml



#39 AR-1262-4

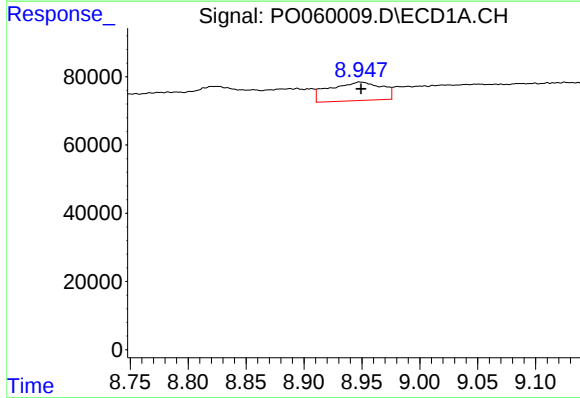
R.T.: 8.356 min
Delta R.T.: 0.014 min
Response: 282537
Conc: 73.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



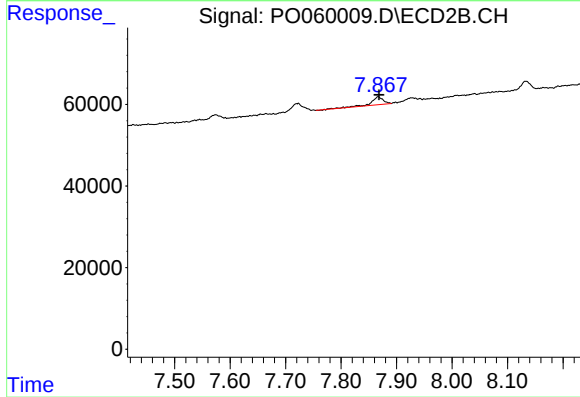
#39 AR-1262-4

R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 68479
Conc: 15.50 ng/ml



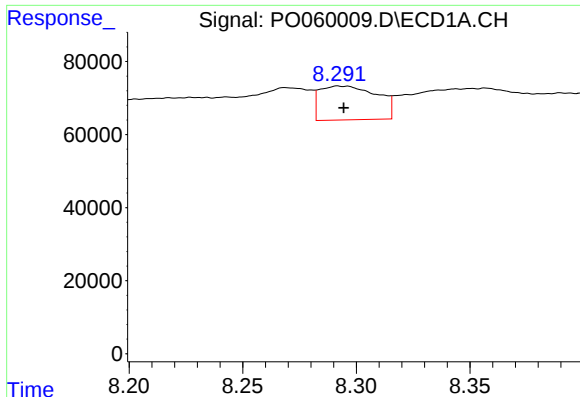
#40 AR-1262-5

R.T.: 8.949 min
Delta R.T.: 0.000 min
Response: 171298
Conc: 66.74 ng/ml



#40 AR-1262-5

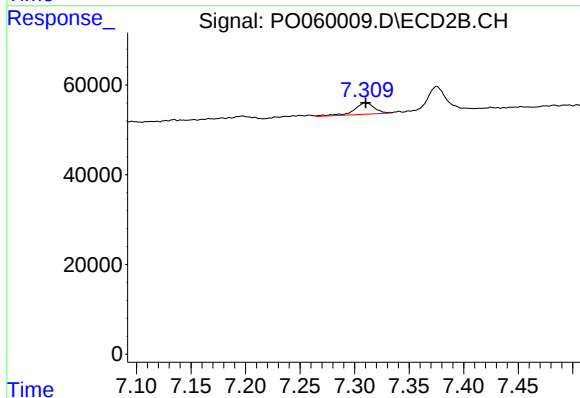
R.T.: 7.867 min
Delta R.T.: -0.001 min
Response: 29671
Conc: 16.43 ng/ml



#41 AR-1268-1

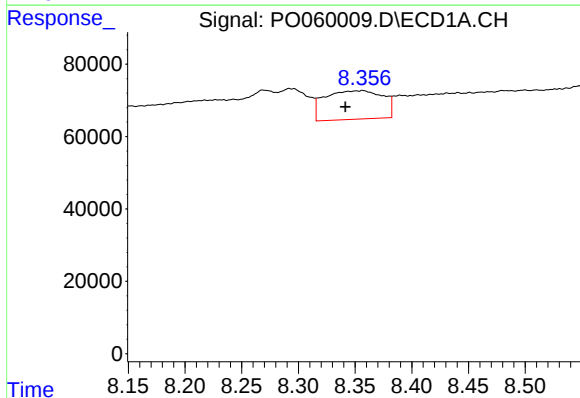
R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 162712
Conc: 17.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



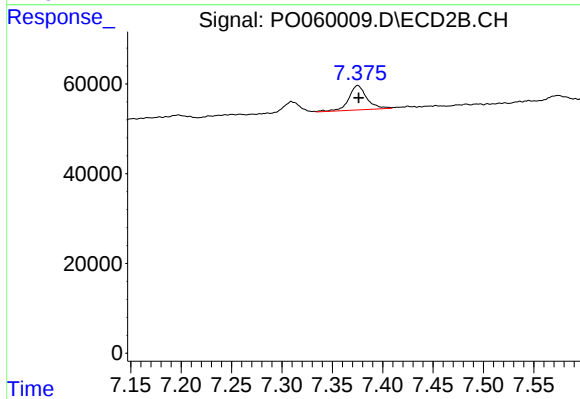
#41 AR-1268-1

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 33383
Conc: 4.69 ng/ml



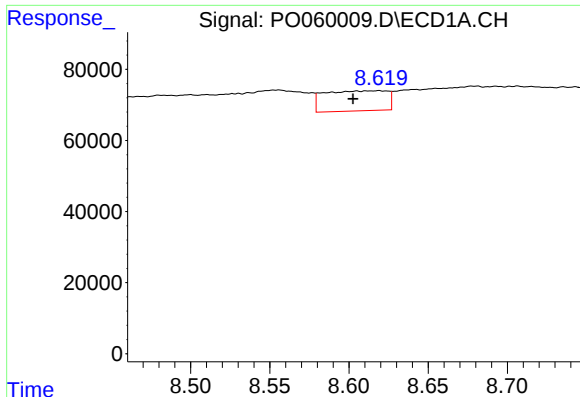
#42 AR-1268-2

R.T.: 8.356 min
Delta R.T.: 0.014 min
Response: 282537
Conc: 35.84 ng/ml



#42 AR-1268-2

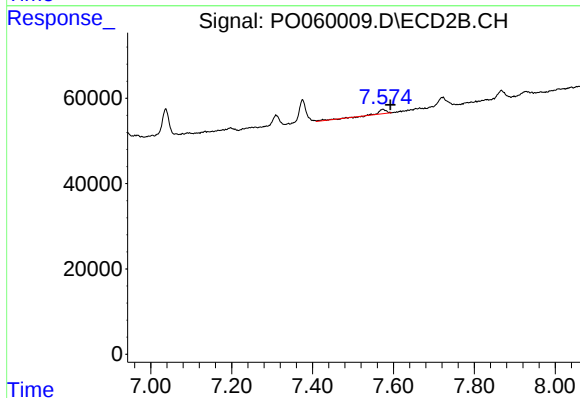
R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 68479
Conc: 10.62 ng/ml



#43 AR-1268-3

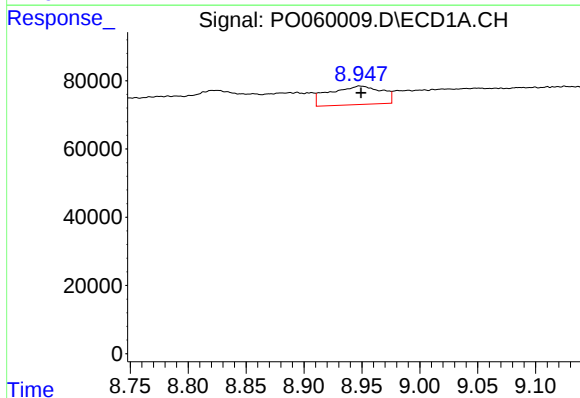
R.T.: 8.619 min
Delta R.T.: 0.016 min
Response: 156339
Conc: 22.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



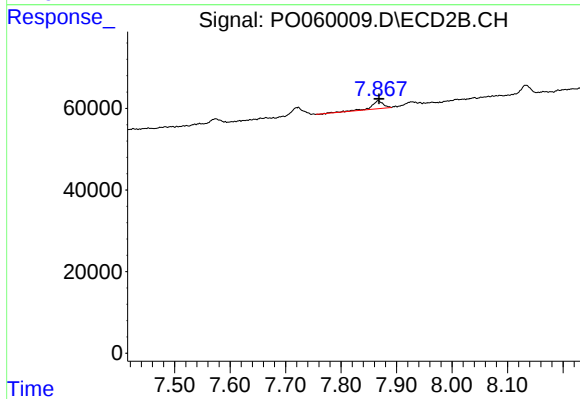
#43 AR-1268-3

R.T.: 7.574 min
Delta R.T.: -0.018 min
Response: 14979
Conc: 2.74 ng/ml



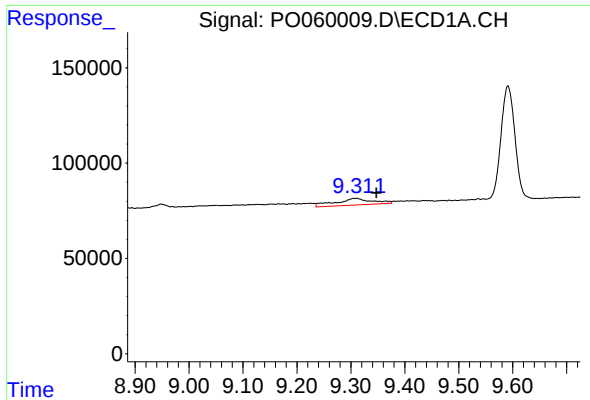
#44 AR-1268-4

R.T.: 8.949 min
Delta R.T.: 0.000 min
Response: 171298
Conc: 61.62 ng/ml



#44 AR-1268-4

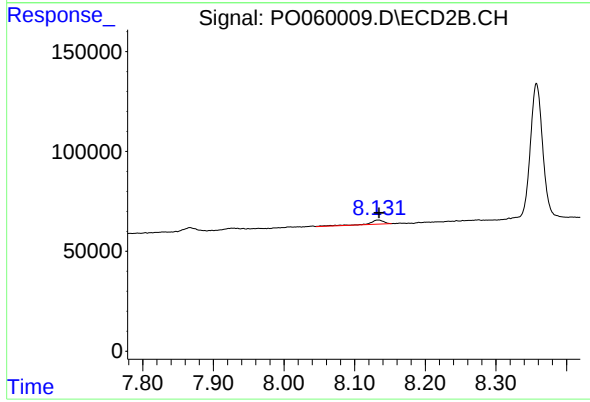
R.T.: 7.867 min
Delta R.T.: -0.001 min
Response: 29671
Conc: 14.54 ng/ml



#45 AR-1268-5

R.T.: 9.308 min
Delta R.T.: -0.039 min
Response: 167789
Conc: 9.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
T4-S-C



#45 AR-1268-5

R.T.: 8.133 min
Delta R.T.: -0.001 min
Response: 30980
Conc: 2.13 ng/ml