

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090919\
 Data File : P0060550.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Sep 2019 12:21
 Operator : SM/AJ
 Sample : K4650-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 13:17:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Sep 08 02:12:04 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...	4.367	3.534	889457	709344	21.437	23.095
2)	SA Decachlor...	10.029	8.423	946726	675551	17.947	18.249
Target Compounds							
3)	L1 AR-1016-1	5.533	4.589	4079	24618	2.507	19.604 #
4)	L1 AR-1016-2	5.533	4.608	4079	10091	1.740	5.775 #
5)	L1 AR-1016-3	0.000	4.792	0	27675	N.D.	29.104 #
6)	L1 AR-1016-4	5.753	4.821	29698	22276	24.155	27.028
7)	L1 AR-1016-5	6.003	5.027	25424	11109	20.612	10.456 #
9)	L2 AR-1221-2	4.672	3.823	8983	9084	25.734	30.372
10)	L2 AR-1221-3	4.754	3.900	11112	9654	9.729	10.550
11)	L3 AR-1232-1	4.754	3.900	11112	9654	8.994	9.874
12)	L3 AR-1232-2	5.218	4.608	26959	10091	39.540	9.576 #
13)	L3 AR-1232-3	5.533	4.792	4079	27675	2.910	48.871 #
14)	L3 AR-1232-4	5.753	4.863	29698	3918	40.614	7.205 #
15)	L3 AR-1232-5	5.804	5.027	19382	11109	37.072	18.619 #
16)	L4 AR-1242-1	5.533	4.589	4079	24618	3.386	26.778 #
17)	L4 AR-1242-2	5.533	4.608	4079	10091	2.359	7.867 #
18)	L4 AR-1242-3	0.000	4.792	0	27675	N.D.	38.760 #
19)	L4 AR-1242-4	5.753	4.863	29698	3918	32.989	5.226 #
20)	L4 AR-1242-5	6.450	5.373	14684	57679	13.472	59.072 #
21)	L5 AR-1248-1	5.533	4.589	4079	24618	4.446	34.057 #
22)	L5 AR-1248-2	5.804	4.821	19382	22276	14.467	22.746 #
23)	L5 AR-1248-3	6.003	4.863	25424	3918	16.963	3.839 #
24)	L5 AR-1248-4	6.409	5.027	17893	11109	10.173	9.137
25)	L5 AR-1248-5	6.450	5.412	14684	18712	8.778	15.380 #
26)	L6 AR-1254-1	6.381	5.373	46058	57679	25.255	30.400
27)	L6 AR-1254-2	6.600	5.517	1040484	51992	359.015	30.423 #
28)	L6 AR-1254-3	6.966	5.912	145923	167933	45.756	59.878 #
29)	L6 AR-1254-4	7.249	6.136	88545	79134	36.873	44.295
30)	L6 AR-1254-5	7.666	6.548	198434	197489	72.946	75.262
31)	L7 AR-1260-1	7.126	6.040	106938	130250	42.780	63.338 #
32)	L7 AR-1260-2	7.383	6.226	101197	155456	32.566	62.089 #
33)	L7 AR-1260-3	7.740	6.376	79268	88341	31.689	38.024
34)	L7 AR-1260-4	7.982	6.841	77300	62765	26.108	30.903
35)	L7 AR-1260-5	8.280	7.079	140244	150806	24.969	32.921 #
36)	L8 AR-1262-1	7.740	6.586	79268	82345	23.604	30.970 #
37)	L8 AR-1262-2	8.280	7.079	140244	150806	23.954	33.220 #
38)	L8 AR-1262-3	8.583	7.361	159999	106006	39.984	55.922 #
39)	L8 AR-1262-4	8.672	7.424	126971	150601	41.811	43.916
40)	L8 AR-1262-5	9.307	7.912	72996	64294	36.391	41.120
41)	L9 AR-1268-1	8.583	7.361	159999	106006	23.177	20.872
42)	L9 AR-1268-2	8.672	7.424	126971	150601	19.743	32.422 #
43)	L9 AR-1268-3	8.893	7.630	36252	35688	6.838	9.076 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090919\
Data File : P0060550.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Sep 2019 12:21
Operator : SM/AJ
Sample : K4650-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

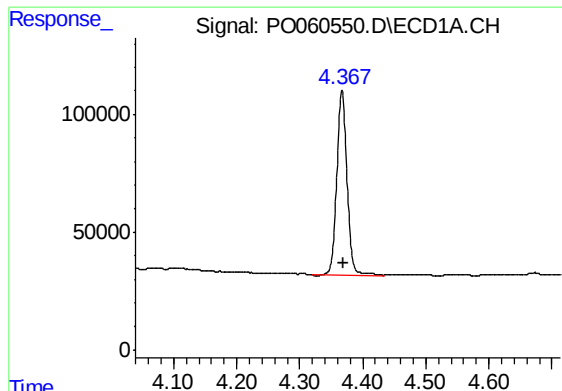
Instrument :
ECD_O
ClientSampleId :
TP-8

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 13:17:29 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sun Sep 08 02:12:04 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
44)	L9 AR-1268-4	9.307	7.912	72996	64294	32.903	37.813
45)	L9 AR-1268-5	9.704	8.185	220645	139769	13.465	12.474

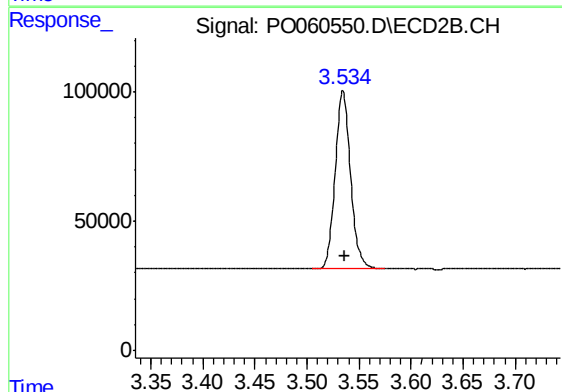
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

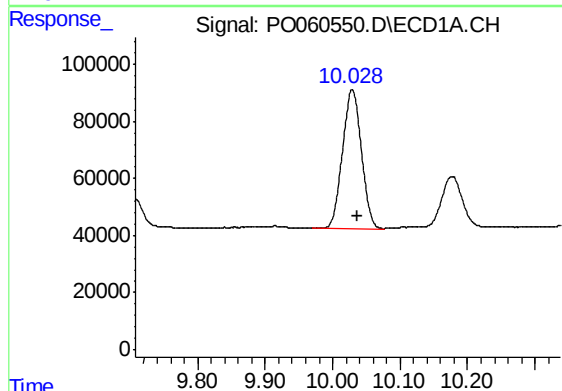
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 889457
Conc: 21.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



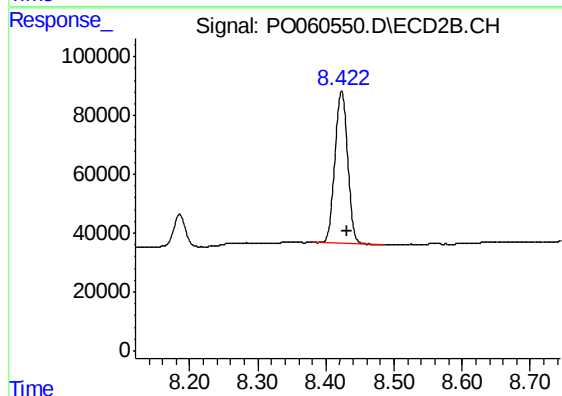
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.002 min
Response: 709344
Conc: 23.09 ng/ml



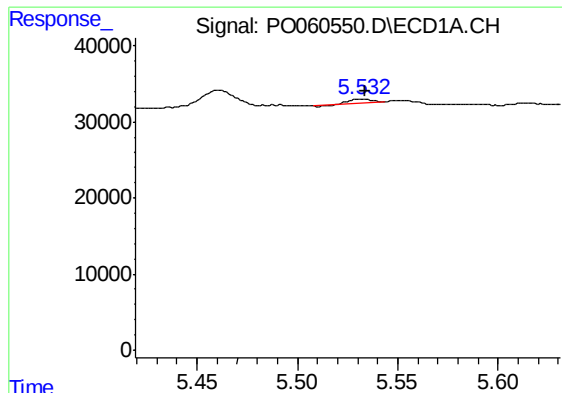
#2 Decachlorobiphenyl

R.T.: 10.029 min
Delta R.T.: -0.008 min
Response: 946726
Conc: 17.95 ng/ml



#2 Decachlorobiphenyl

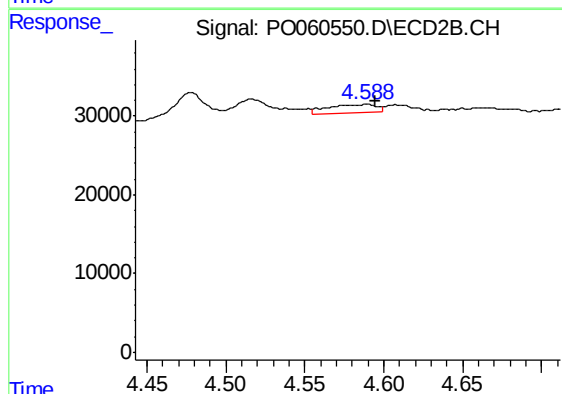
R.T.: 8.423 min
Delta R.T.: -0.008 min
Response: 675551
Conc: 18.25 ng/ml



#3 AR-1016-1

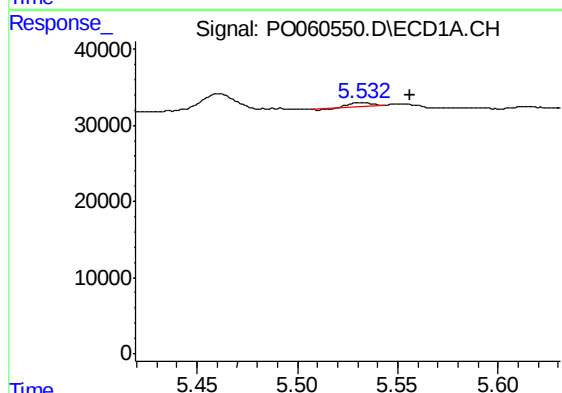
R.T.: 5.533 min
Delta R.T.: -0.001 min
Response: 4079
Conc: 2.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



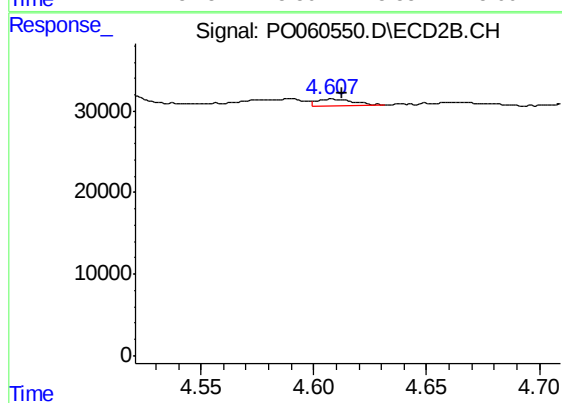
#3 AR-1016-1

R.T.: 4.589 min
Delta R.T.: -0.006 min
Response: 24618
Conc: 19.60 ng/ml



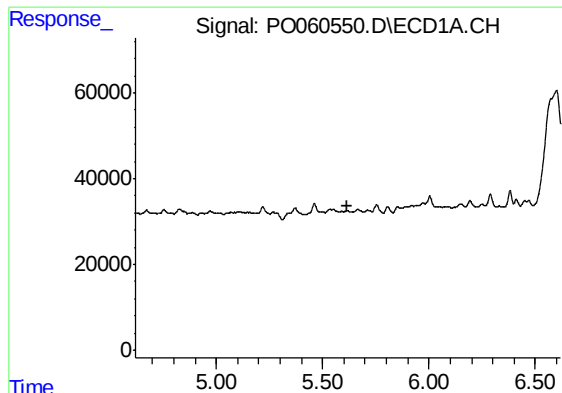
#4 AR-1016-2

R.T.: 5.533 min
Delta R.T.: -0.023 min
Response: 4079
Conc: 1.74 ng/ml



#4 AR-1016-2

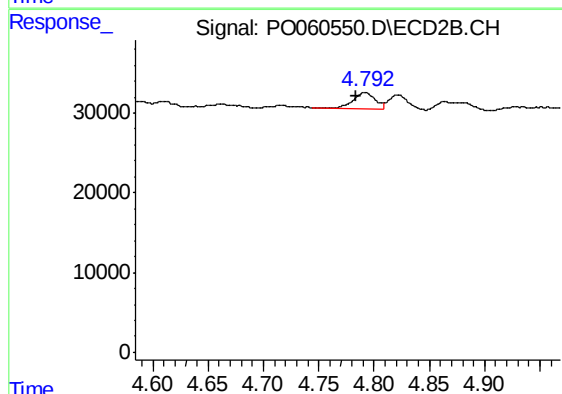
R.T.: 4.608 min
Delta R.T.: -0.005 min
Response: 10091
Conc: 5.78 ng/ml



#5 AR-1016-3

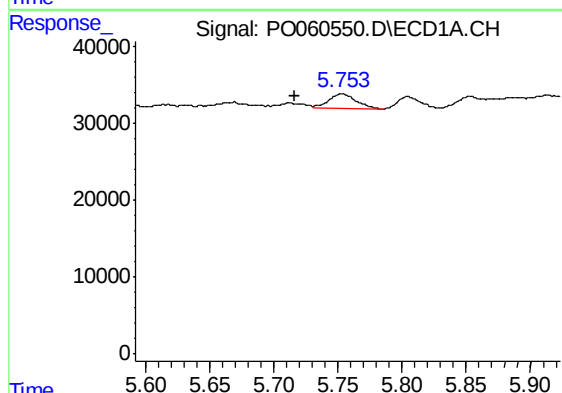
R.T.: 0.000 min
Exp R.T.: 5.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-8



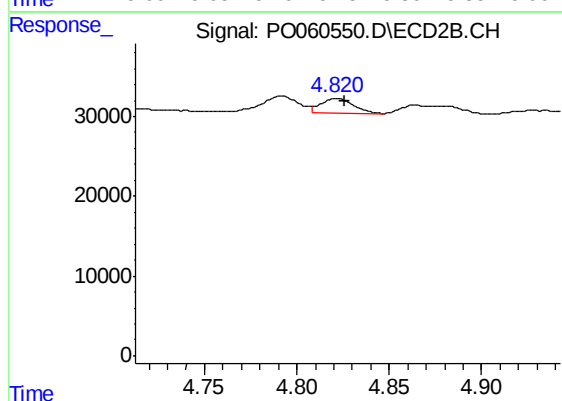
#5 AR-1016-3

R.T.: 4.792 min
Delta R.T.: 0.008 min
Response: 27675
Conc: 29.10 ng/ml



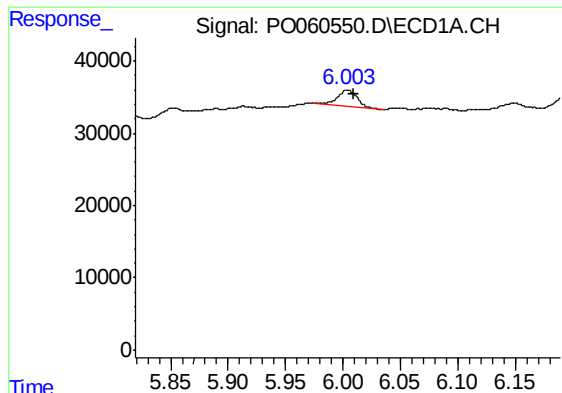
#6 AR-1016-4

R.T.: 5.753 min
Delta R.T.: 0.036 min
Response: 29698
Conc: 24.16 ng/ml



#6 AR-1016-4

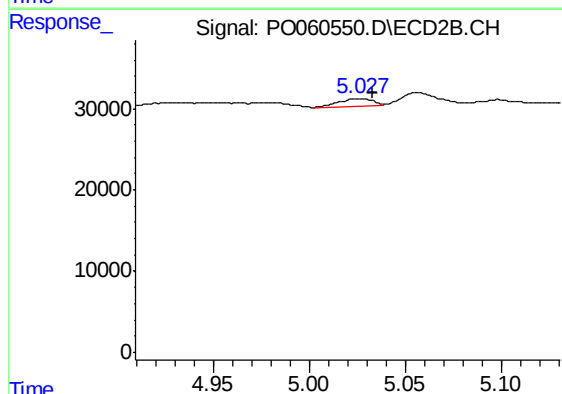
R.T.: 4.821 min
Delta R.T.: -0.005 min
Response: 22276
Conc: 27.03 ng/ml



#7 AR-1016-5

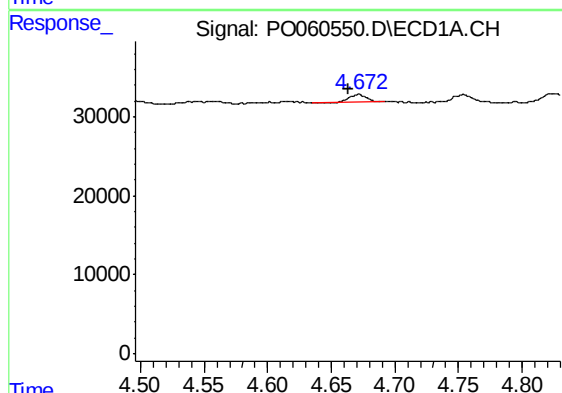
R.T.: 6.003 min
Delta R.T.: -0.006 min
Response: 25424
Conc: 20.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



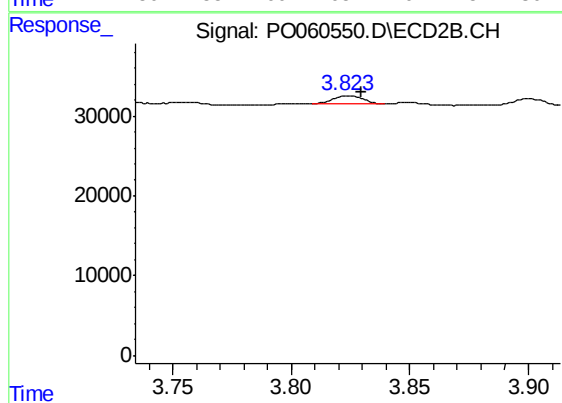
#7 AR-1016-5

R.T.: 5.027 min
Delta R.T.: -0.006 min
Response: 11109
Conc: 10.46 ng/ml



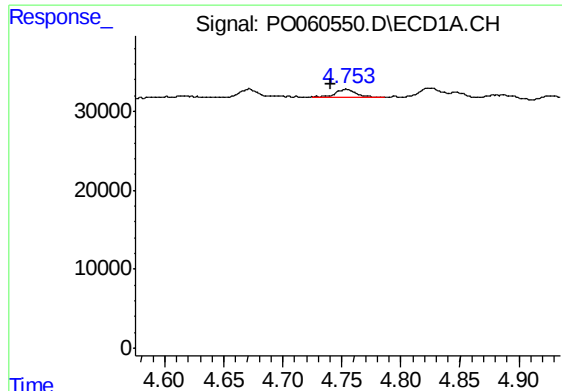
#9 AR-1221-2

R.T.: 4.672 min
Delta R.T.: 0.008 min
Response: 8983
Conc: 25.73 ng/ml



#9 AR-1221-2

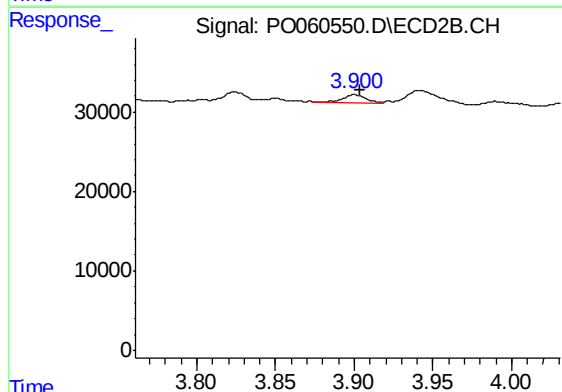
R.T.: 3.823 min
Delta R.T.: -0.006 min
Response: 9084
Conc: 30.37 ng/ml



#10 AR-1221-3

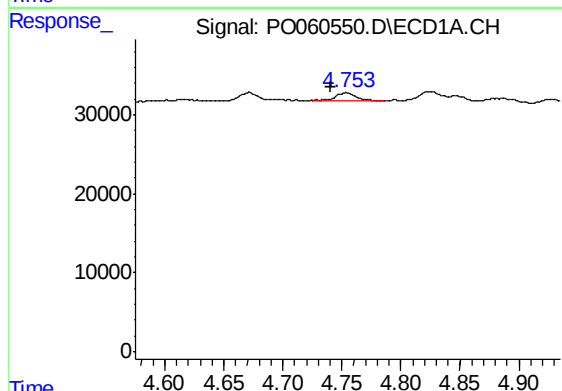
R.T.: 4.754 min
Delta R.T.: 0.014 min
Response: 11112
Conc: 9.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



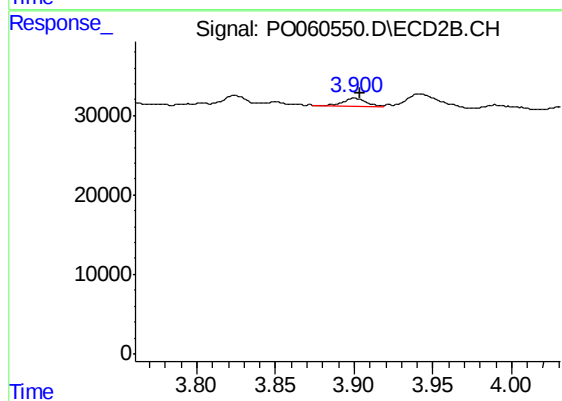
#10 AR-1221-3

R.T.: 3.900 min
Delta R.T.: -0.004 min
Response: 9654
Conc: 10.55 ng/ml



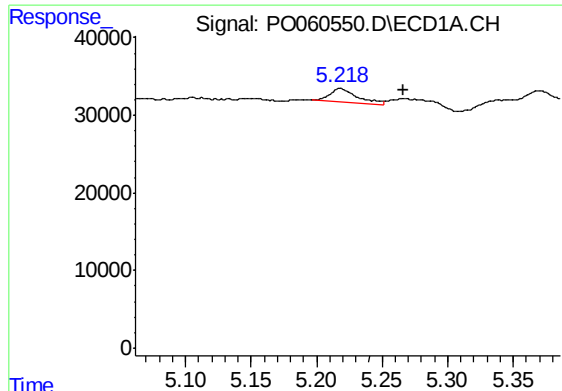
#11 AR-1232-1

R.T.: 4.754 min
Delta R.T.: 0.013 min
Response: 11112
Conc: 8.99 ng/ml



#11 AR-1232-1

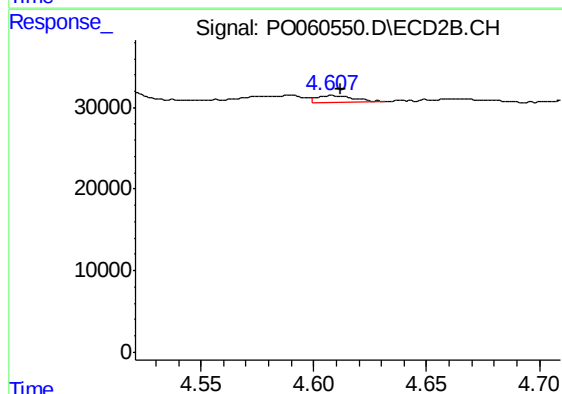
R.T.: 3.900 min
Delta R.T.: -0.004 min
Response: 9654
Conc: 9.87 ng/ml



#12 AR-1232-2

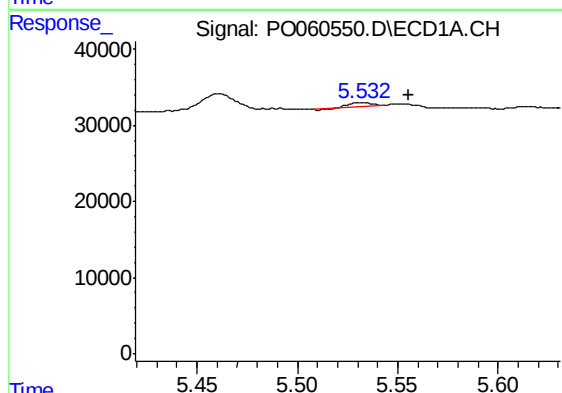
R.T.: 5.218 min
Delta R.T.: -0.048 min
Response: 26959
Conc: 39.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



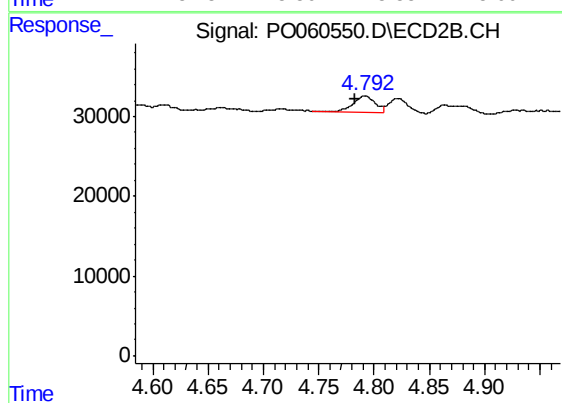
#12 AR-1232-2

R.T.: 4.608 min
Delta R.T.: -0.004 min
Response: 10091
Conc: 9.58 ng/ml



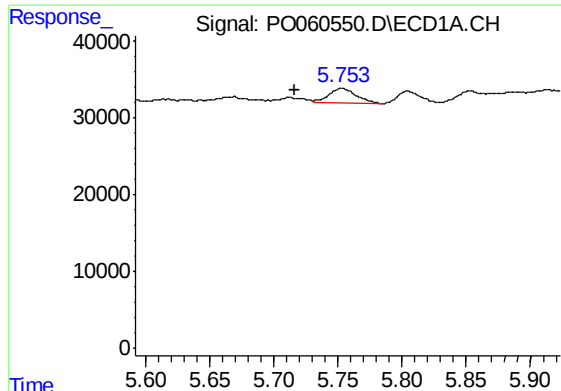
#13 AR-1232-3

R.T.: 5.533 min
Delta R.T.: -0.023 min
Response: 4079
Conc: 2.91 ng/ml



#13 AR-1232-3

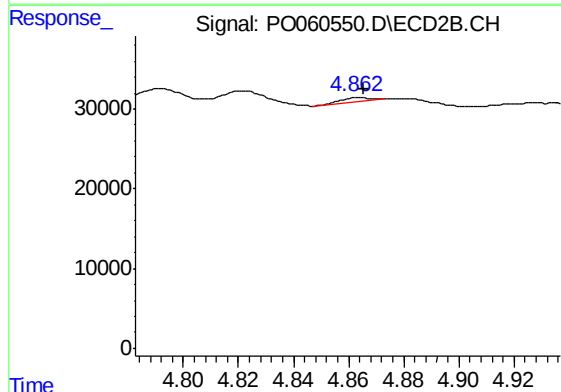
R.T.: 4.792 min
Delta R.T.: 0.009 min
Response: 27675
Conc: 48.87 ng/ml



#14 AR-1232-4

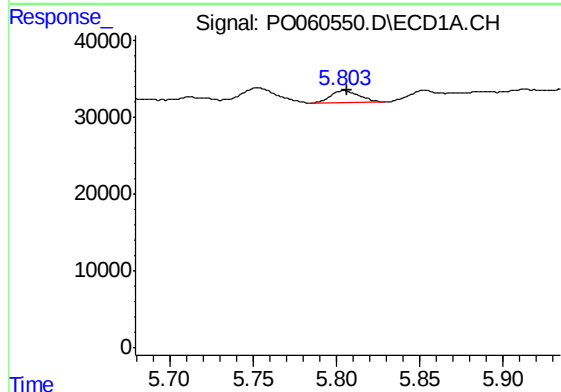
R.T.: 5.753 min
Delta R.T.: 0.037 min
Response: 29698
Conc: 40.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



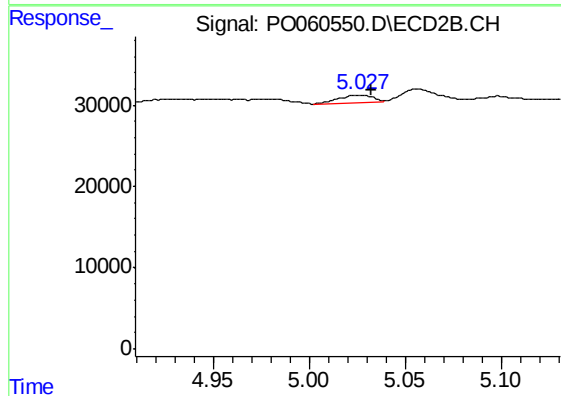
#14 AR-1232-4

R.T.: 4.863 min
Delta R.T.: -0.002 min
Response: 3918
Conc: 7.21 ng/ml



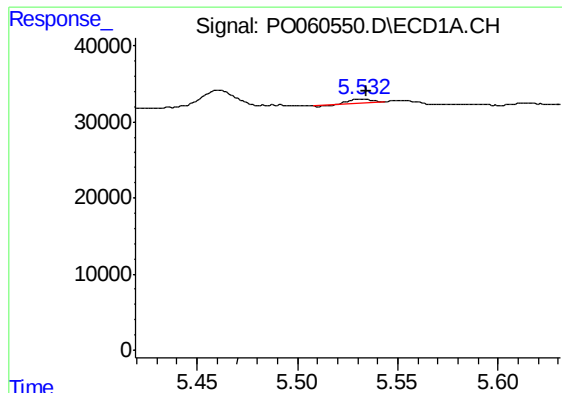
#15 AR-1232-5

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 19382
Conc: 37.07 ng/ml



#15 AR-1232-5

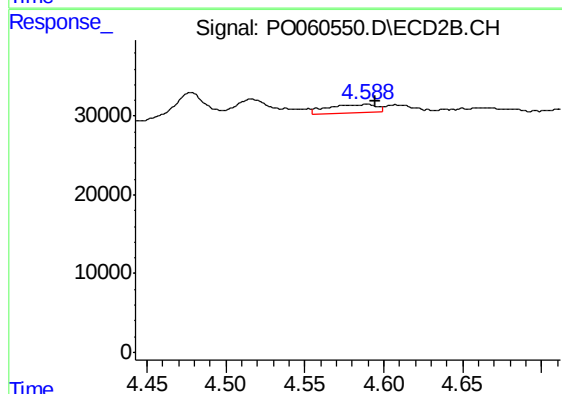
R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 11109
Conc: 18.62 ng/ml



#16 AR-1242-1

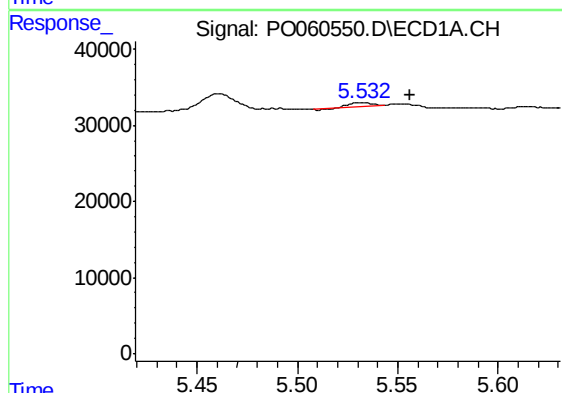
R.T.: 5.533 min
Delta R.T.: -0.002 min
Response: 4079
Conc: 3.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



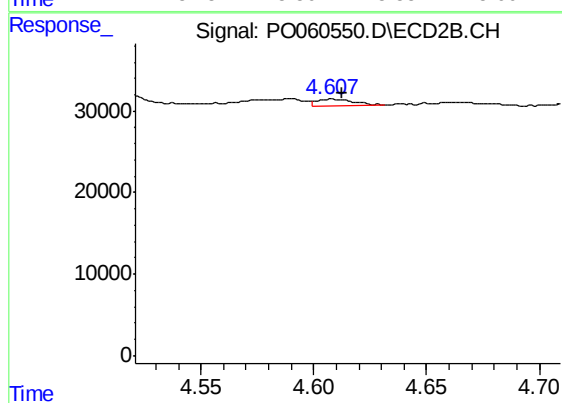
#16 AR-1242-1

R.T.: 4.589 min
Delta R.T.: -0.006 min
Response: 24618
Conc: 26.78 ng/ml



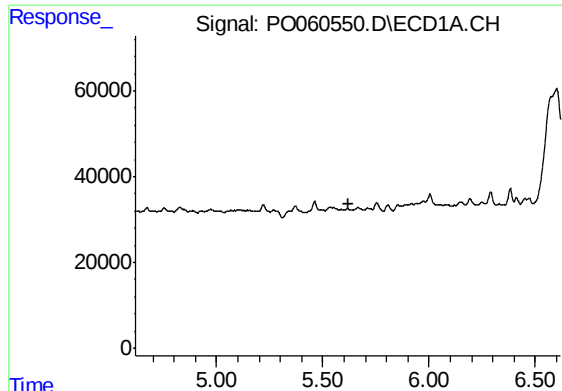
#17 AR-1242-2

R.T.: 5.533 min
Delta R.T.: -0.023 min
Response: 4079
Conc: 2.36 ng/ml



#17 AR-1242-2

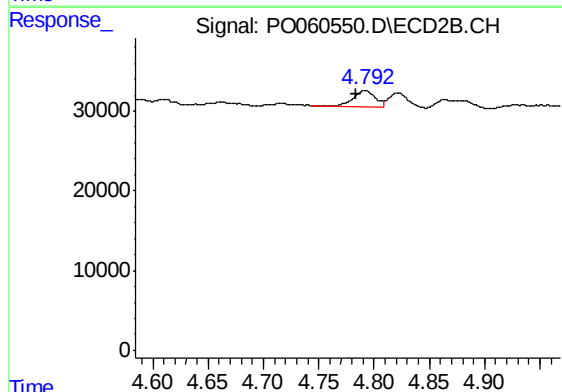
R.T.: 4.608 min
Delta R.T.: -0.004 min
Response: 10091
Conc: 7.87 ng/ml



#18 AR-1242-3

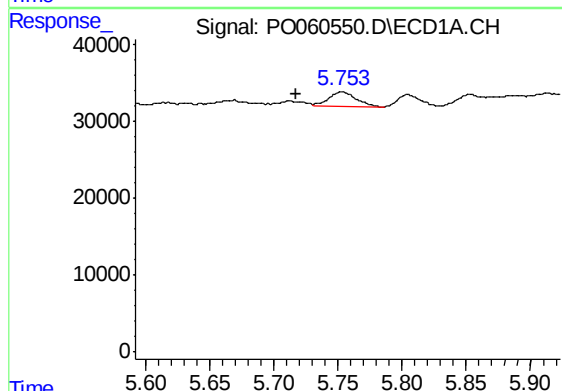
R.T.: 0.000 min
Exp R.T. : 5.618 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-8



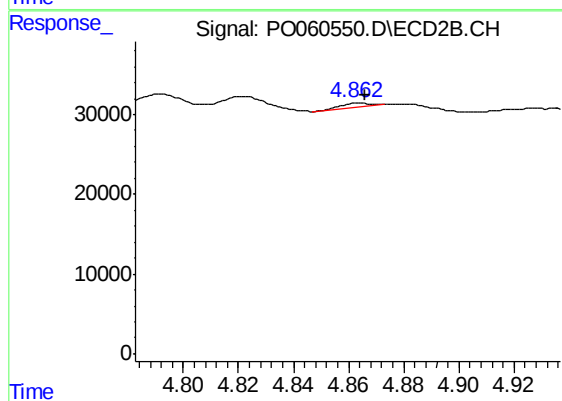
#18 AR-1242-3

R.T.: 4.792 min
Delta R.T.: 0.008 min
Response: 27675
Conc: 38.76 ng/ml



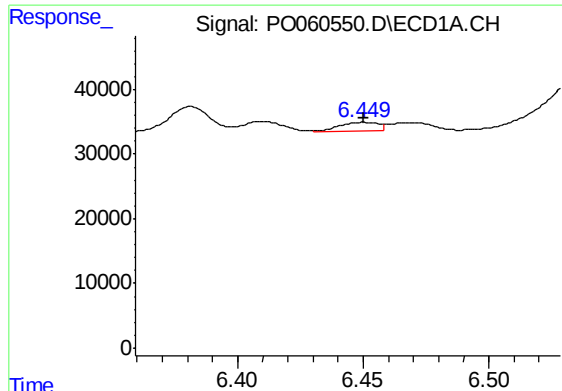
#19 AR-1242-4

R.T.: 5.753 min
Delta R.T.: 0.036 min
Response: 29698
Conc: 32.99 ng/ml



#19 AR-1242-4

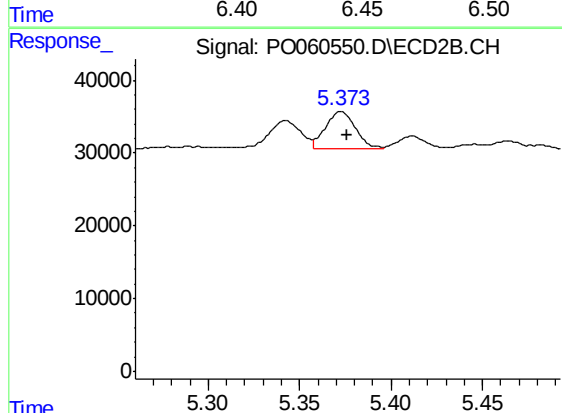
R.T.: 4.863 min
Delta R.T.: -0.003 min
Response: 3918
Conc: 5.23 ng/ml



#20 AR-1242-5

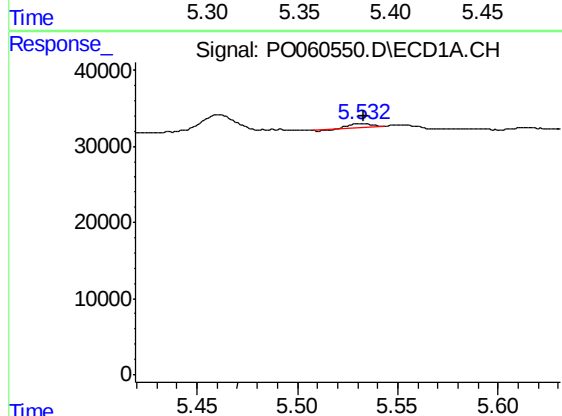
R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 14684
Conc: 13.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



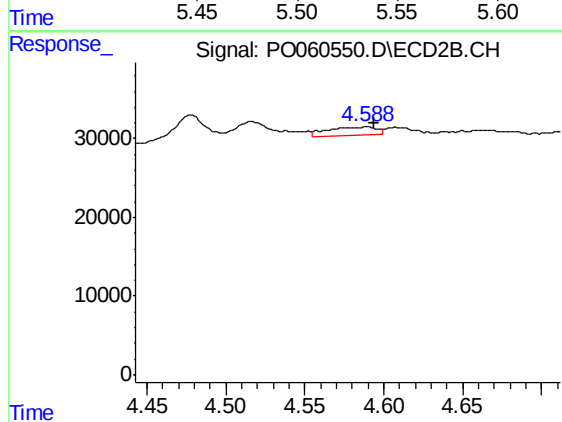
#20 AR-1242-5

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 57679
Conc: 59.07 ng/ml



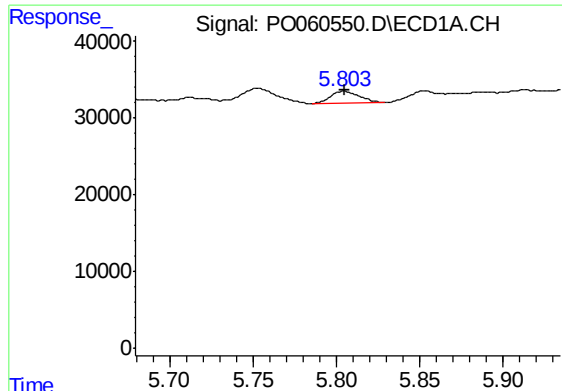
#21 AR-1248-1

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 4079
Conc: 4.45 ng/ml



#21 AR-1248-1

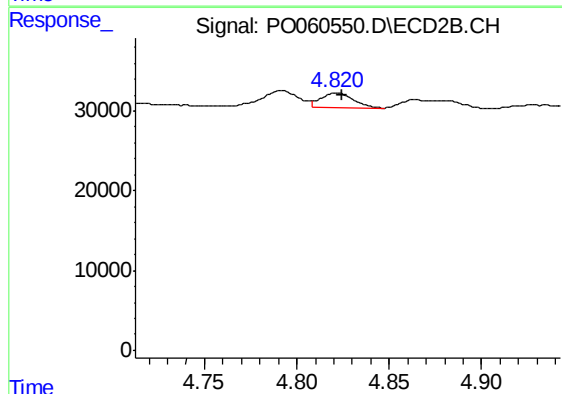
R.T.: 4.589 min
Delta R.T.: -0.005 min
Response: 24618
Conc: 34.06 ng/ml



#22 AR-1248-2

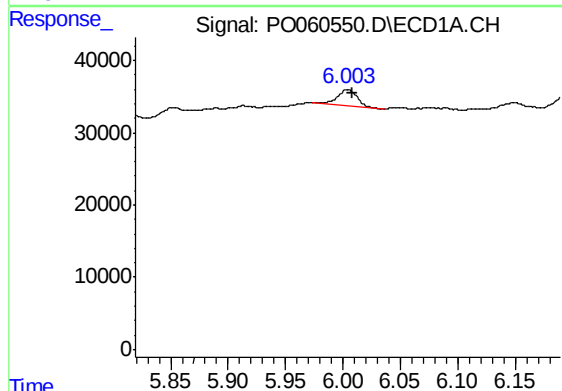
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 19382
Conc: 14.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



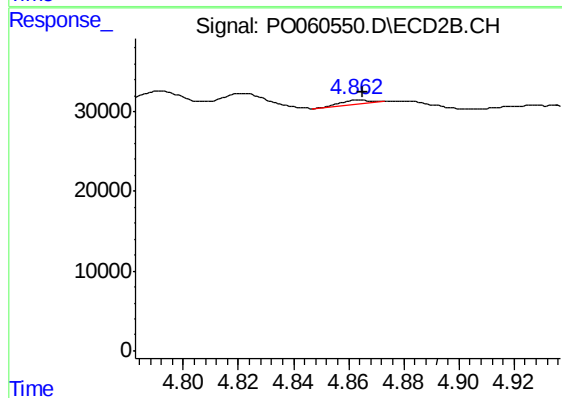
#22 AR-1248-2

R.T.: 4.821 min
Delta R.T.: -0.004 min
Response: 22276
Conc: 22.75 ng/ml



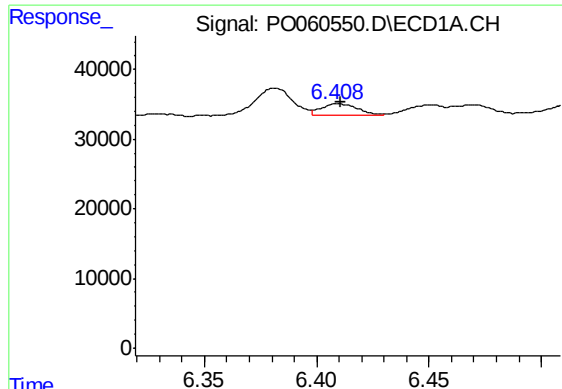
#23 AR-1248-3

R.T.: 6.003 min
Delta R.T.: -0.006 min
Response: 25424
Conc: 16.96 ng/ml



#23 AR-1248-3

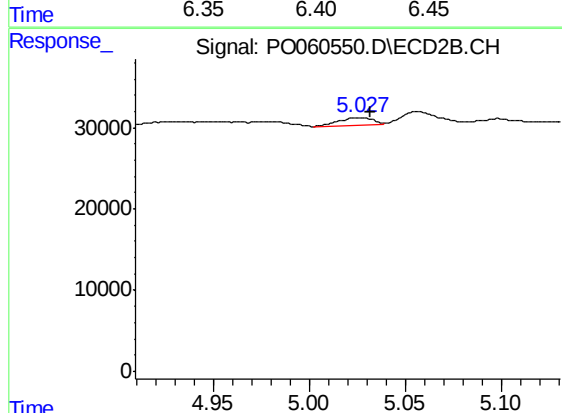
R.T.: 4.863 min
Delta R.T.: -0.002 min
Response: 3918
Conc: 3.84 ng/ml



#24 AR-1248-4

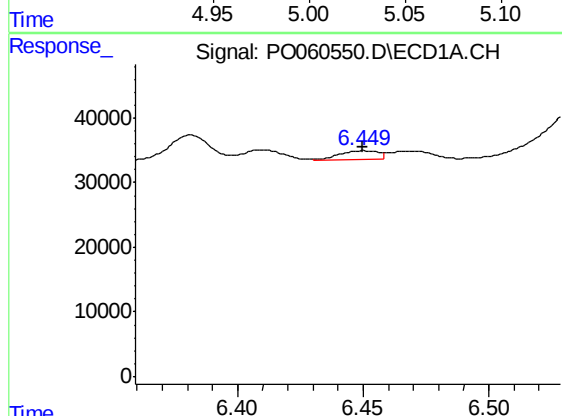
R.T.: 6.409 min
Delta R.T.: -0.002 min
Response: 17893
Conc: 10.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



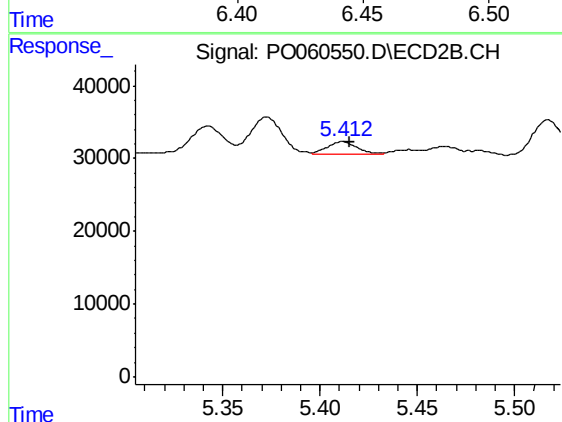
#24 AR-1248-4

R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 11109
Conc: 9.14 ng/ml



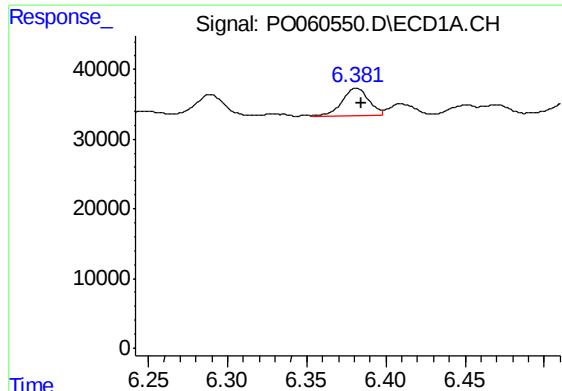
#25 AR-1248-5

R.T.: 6.450 min
Delta R.T.: 0.000 min
Response: 14684
Conc: 8.78 ng/ml



#25 AR-1248-5

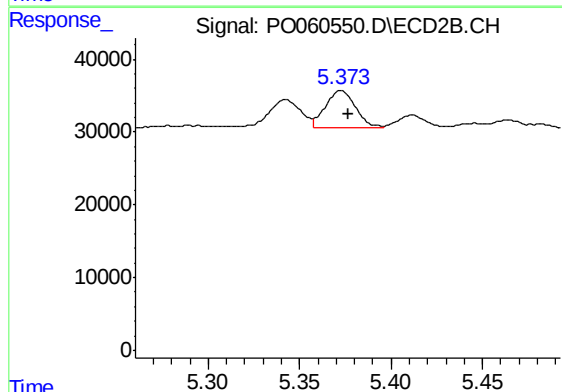
R.T.: 5.412 min
Delta R.T.: -0.003 min
Response: 18712
Conc: 15.38 ng/ml



#26 AR-1254-1

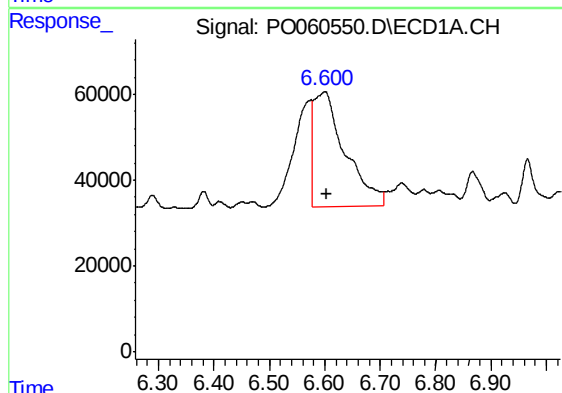
R.T.: 6.381 min
Delta R.T.: -0.003 min
Response: 46058
Conc: 25.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



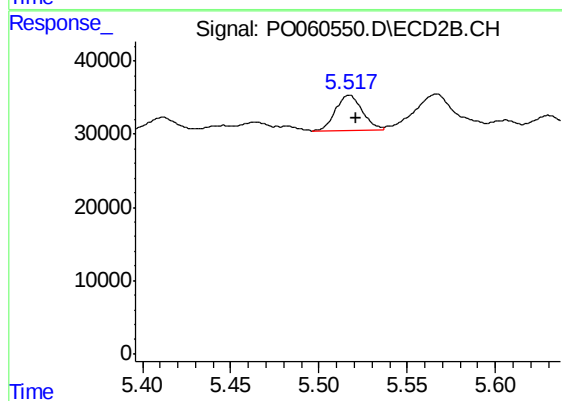
#26 AR-1254-1

R.T.: 5.373 min
Delta R.T.: -0.004 min
Response: 57679
Conc: 30.40 ng/ml



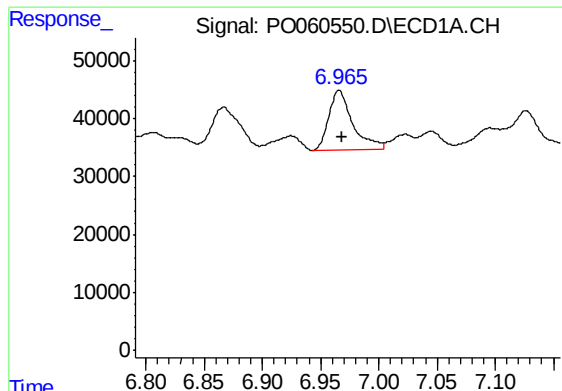
#27 AR-1254-2

R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 1040484
Conc: 359.02 ng/ml



#27 AR-1254-2

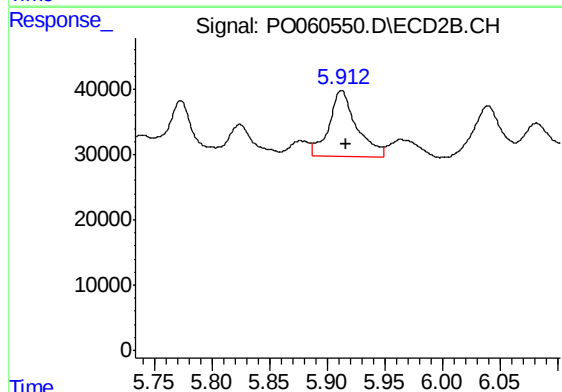
R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 51992
Conc: 30.42 ng/ml



#28 AR-1254-3

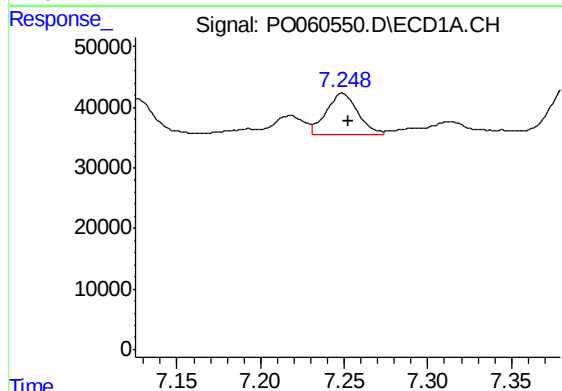
R.T.: 6.966 min
Delta R.T.: -0.003 min
Response: 145923
Conc: 45.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



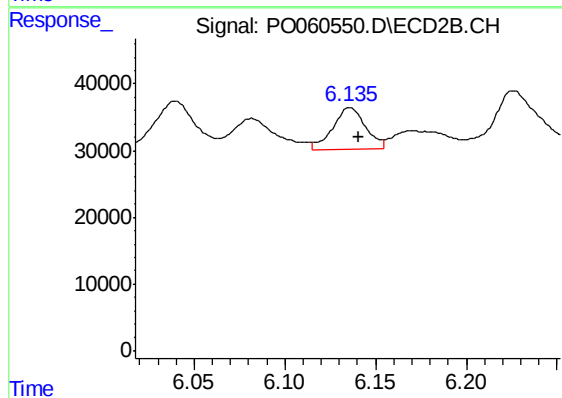
#28 AR-1254-3

R.T.: 5.912 min
Delta R.T.: -0.004 min
Response: 167933
Conc: 59.88 ng/ml



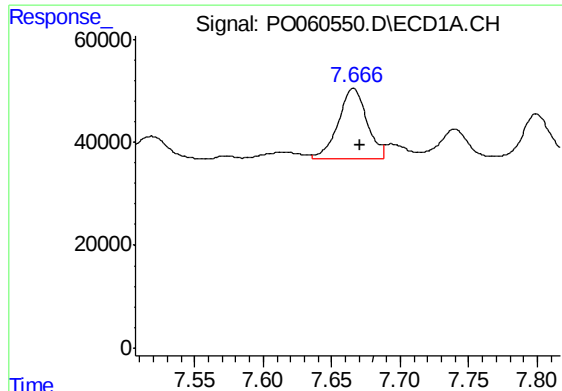
#29 AR-1254-4

R.T.: 7.249 min
Delta R.T.: -0.004 min
Response: 88545
Conc: 36.87 ng/ml



#29 AR-1254-4

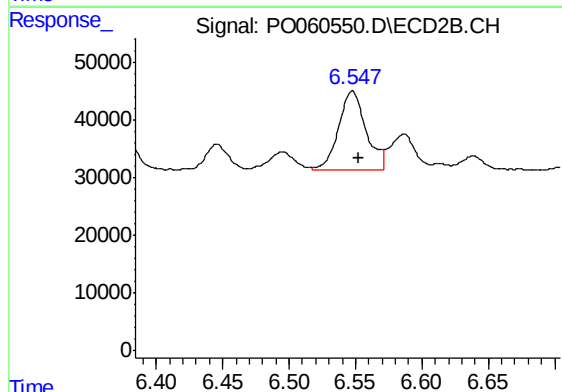
R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 79134
Conc: 44.29 ng/ml



#30 AR-1254-5

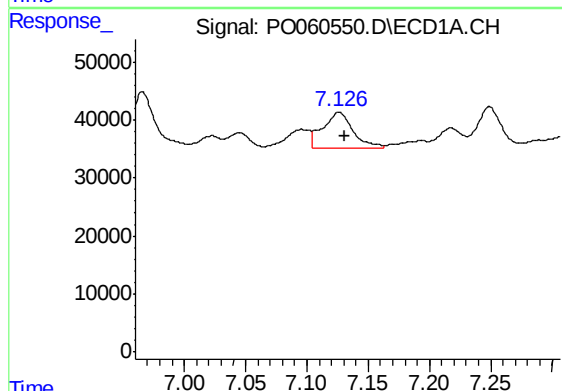
R.T.: 7.666 min
Delta R.T.: -0.005 min
Response: 198434
Conc: 72.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



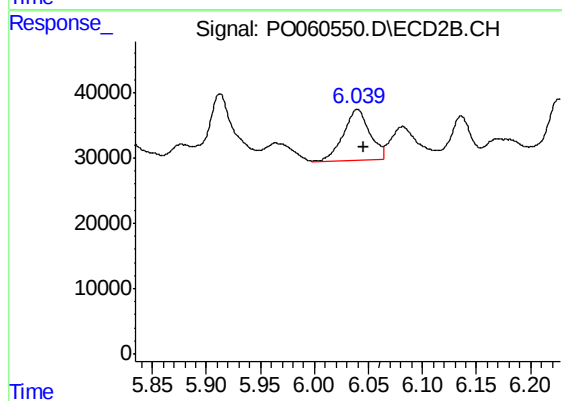
#30 AR-1254-5

R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 197489
Conc: 75.26 ng/ml



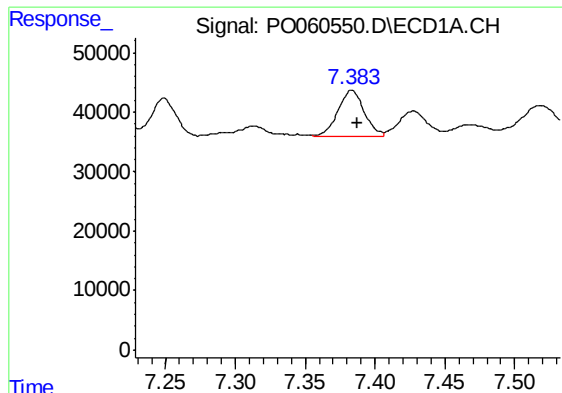
#31 AR-1260-1

R.T.: 7.126 min
Delta R.T.: -0.004 min
Response: 106938
Conc: 42.78 ng/ml



#31 AR-1260-1

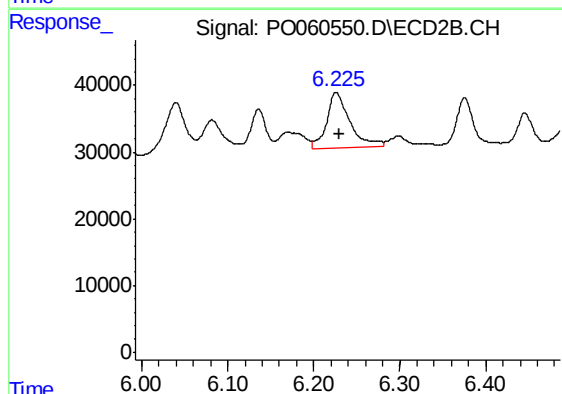
R.T.: 6.040 min
Delta R.T.: -0.007 min
Response: 130250
Conc: 63.34 ng/ml



#32 AR-1260-2

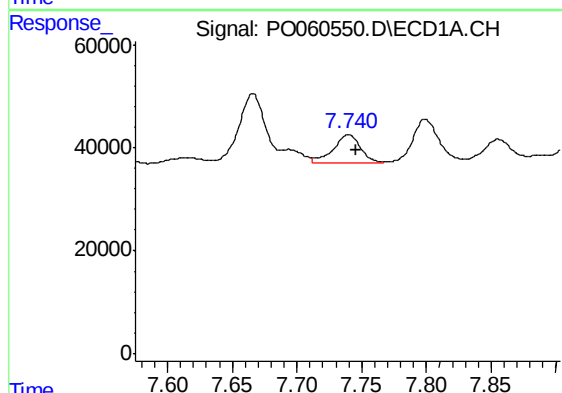
R.T.: 7.383 min
Delta R.T.: -0.004 min
Response: 101197
Conc: 32.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



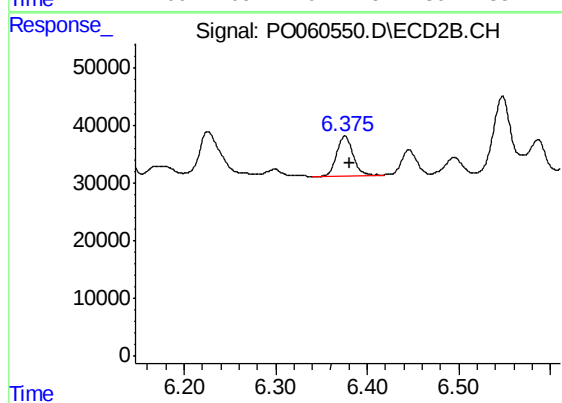
#32 AR-1260-2

R.T.: 6.226 min
Delta R.T.: -0.005 min
Response: 155456
Conc: 62.09 ng/ml



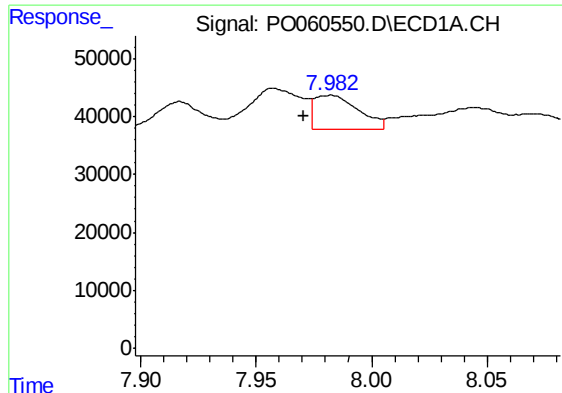
#33 AR-1260-3

R.T.: 7.740 min
Delta R.T.: -0.005 min
Response: 79268
Conc: 31.69 ng/ml



#33 AR-1260-3

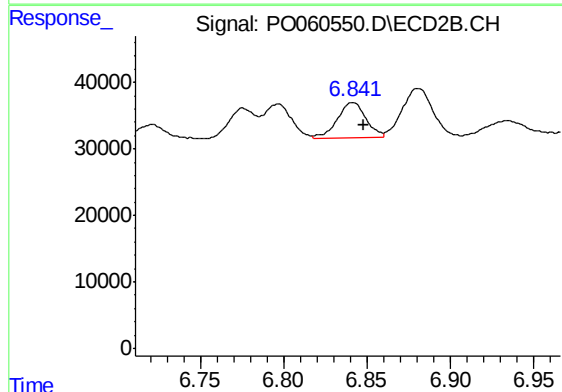
R.T.: 6.376 min
Delta R.T.: -0.006 min
Response: 88341
Conc: 38.02 ng/ml



#34 AR-1260-4

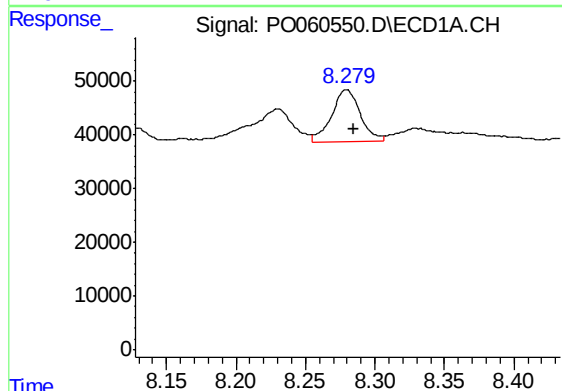
R.T.: 7.982 min
Delta R.T.: 0.012 min
Response: 77300
Conc: 26.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



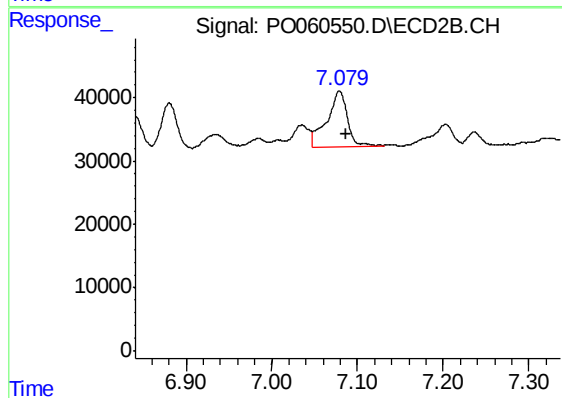
#34 AR-1260-4

R.T.: 6.841 min
Delta R.T.: -0.007 min
Response: 62765
Conc: 30.90 ng/ml



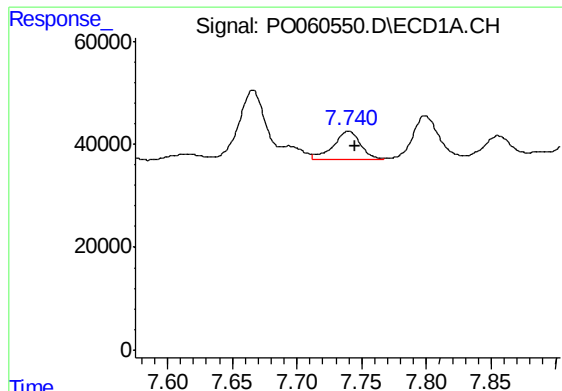
#35 AR-1260-5

R.T.: 8.280 min
Delta R.T.: -0.005 min
Response: 140244
Conc: 24.97 ng/ml



#35 AR-1260-5

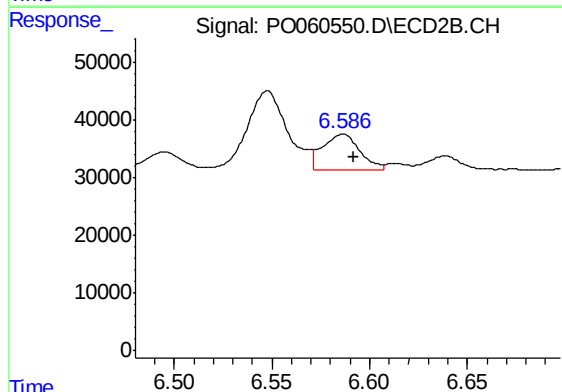
R.T.: 7.079 min
Delta R.T.: -0.007 min
Response: 150806
Conc: 32.92 ng/ml



#36 AR-1262-1

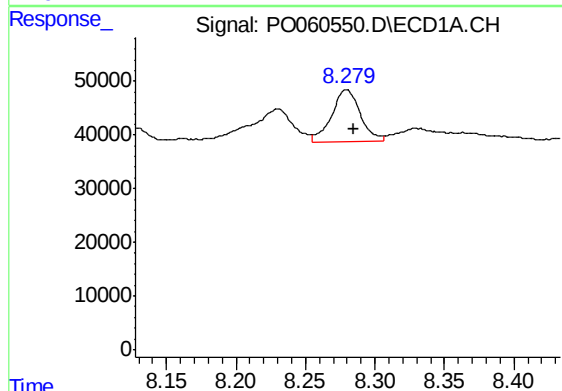
R.T.: 7.740 min
Delta R.T.: -0.005 min
Response: 79268
Conc: 23.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



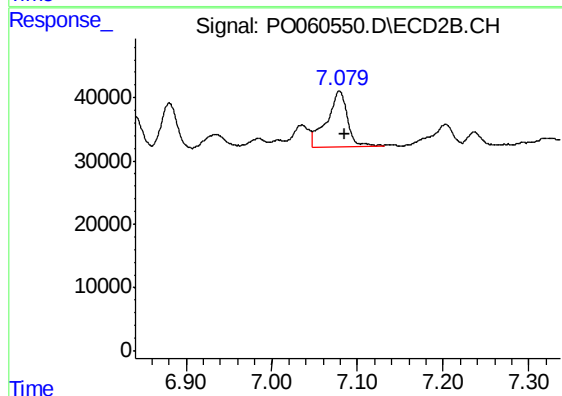
#36 AR-1262-1

R.T.: 6.586 min
Delta R.T.: -0.005 min
Response: 82345
Conc: 30.97 ng/ml



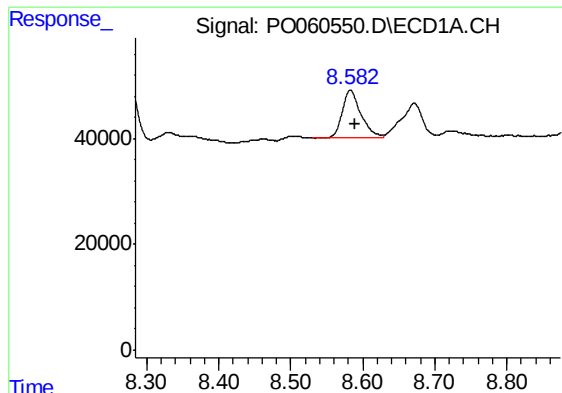
#37 AR-1262-2

R.T.: 8.280 min
Delta R.T.: -0.005 min
Response: 140244
Conc: 23.95 ng/ml



#37 AR-1262-2

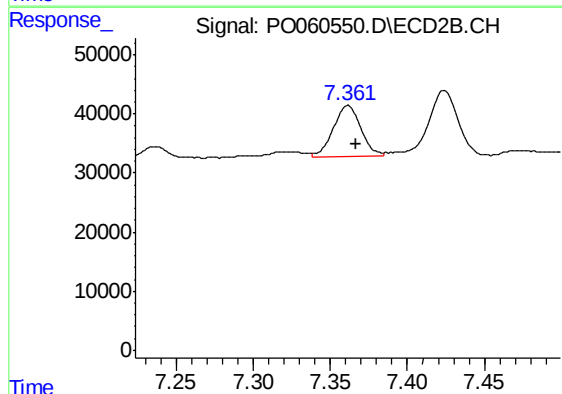
R.T.: 7.079 min
Delta R.T.: -0.006 min
Response: 150806
Conc: 33.22 ng/ml



#38 AR-1262-3

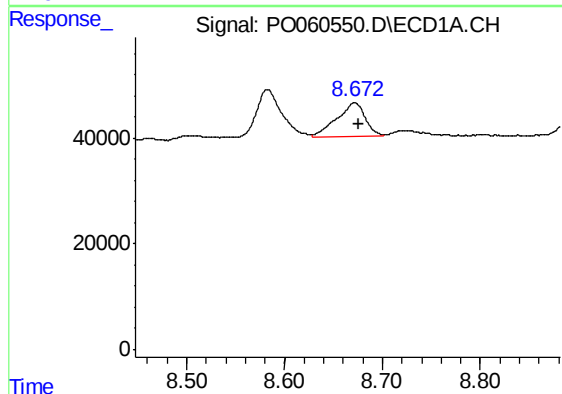
R.T.: 8.583 min
Delta R.T.: -0.007 min
Response: 159999
Conc: 39.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



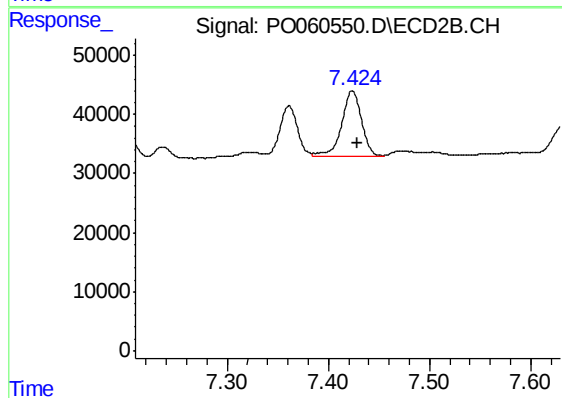
#38 AR-1262-3

R.T.: 7.361 min
Delta R.T.: -0.006 min
Response: 106006
Conc: 55.92 ng/ml



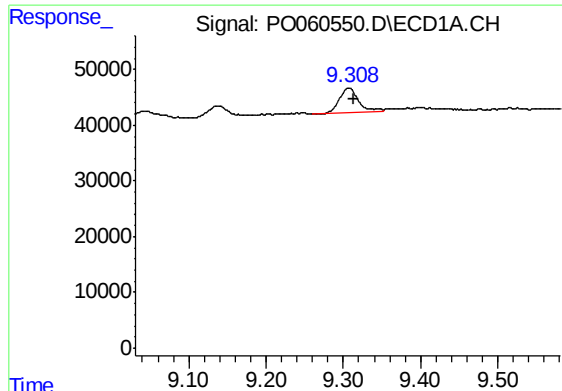
#39 AR-1262-4

R.T.: 8.672 min
Delta R.T.: -0.004 min
Response: 126971
Conc: 41.81 ng/ml



#39 AR-1262-4

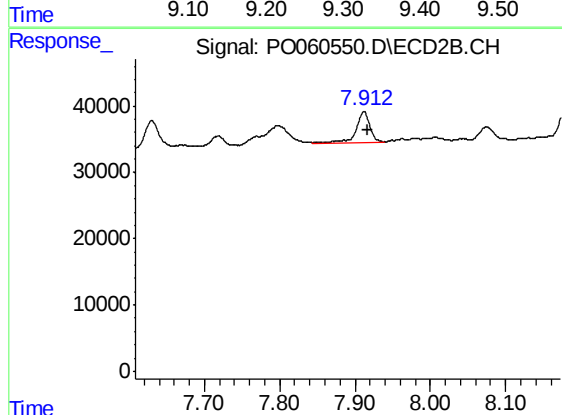
R.T.: 7.424 min
Delta R.T.: -0.005 min
Response: 150601
Conc: 43.92 ng/ml



#40 AR-1262-5

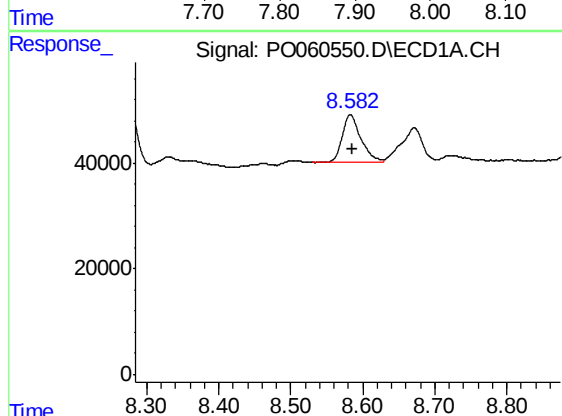
R.T.: 9.307 min
Delta R.T.: -0.005 min
Response: 72996
Conc: 36.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



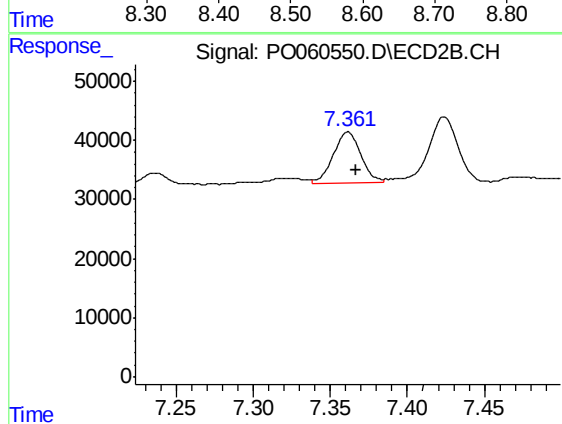
#40 AR-1262-5

R.T.: 7.912 min
Delta R.T.: -0.005 min
Response: 64294
Conc: 41.12 ng/ml



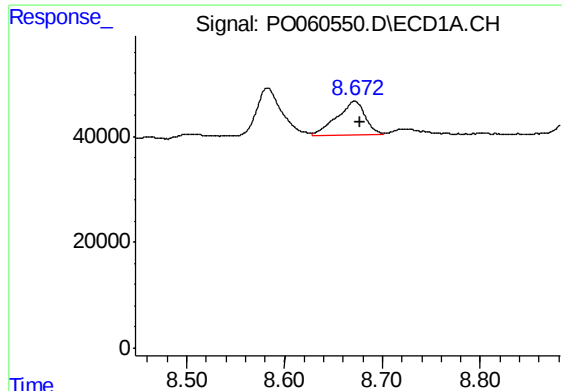
#41 AR-1268-1

R.T.: 8.583 min
Delta R.T.: -0.003 min
Response: 159999
Conc: 23.18 ng/ml



#41 AR-1268-1

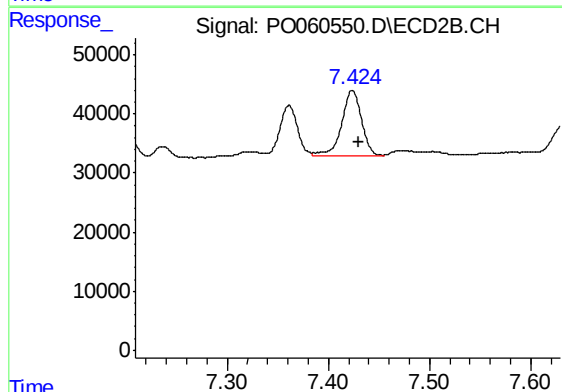
R.T.: 7.361 min
Delta R.T.: -0.006 min
Response: 106006
Conc: 20.87 ng/ml



#42 AR-1268-2

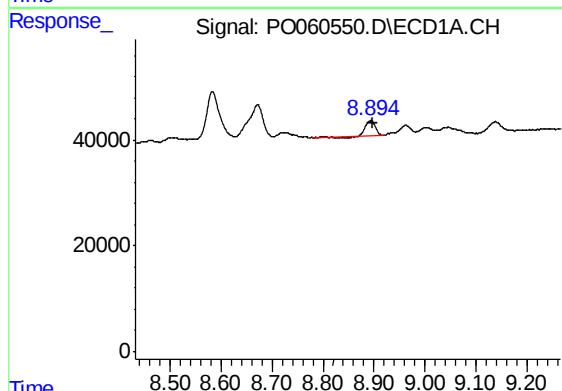
R.T.: 8.672 min
Delta R.T.: -0.006 min
Response: 126971
Conc: 19.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



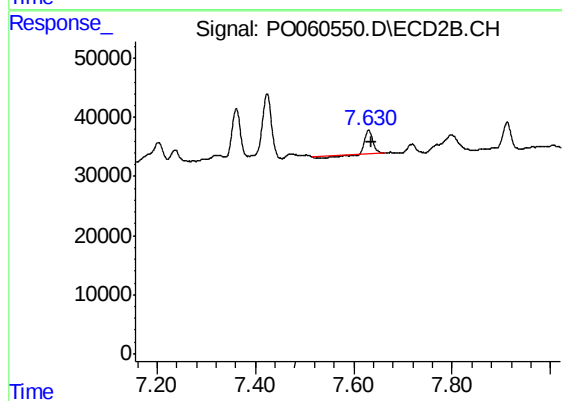
#42 AR-1268-2

R.T.: 7.424 min
Delta R.T.: -0.006 min
Response: 150601
Conc: 32.42 ng/ml



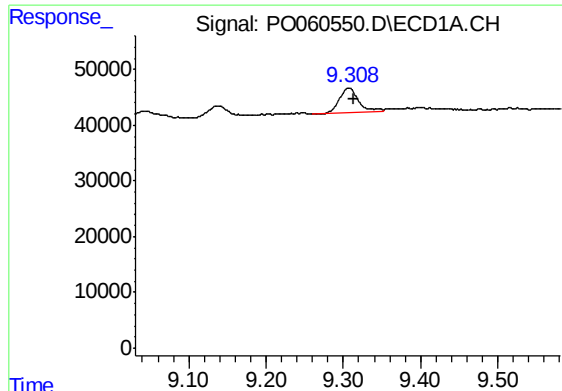
#43 AR-1268-3

R.T.: 8.893 min
Delta R.T.: -0.004 min
Response: 36252
Conc: 6.84 ng/ml



#43 AR-1268-3

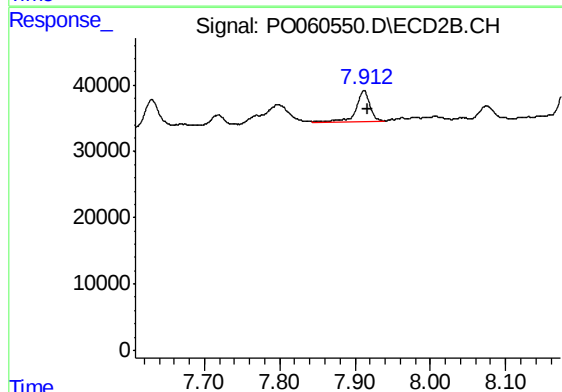
R.T.: 7.630 min
Delta R.T.: -0.006 min
Response: 35688
Conc: 9.08 ng/ml



#44 AR-1268-4

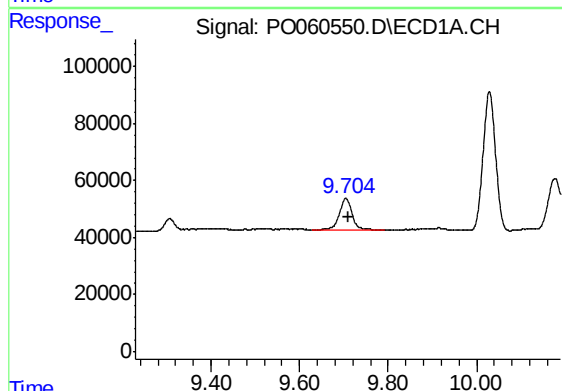
R.T.: 9.307 min
Delta R.T.: -0.005 min
Response: 72996
Conc: 32.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-8



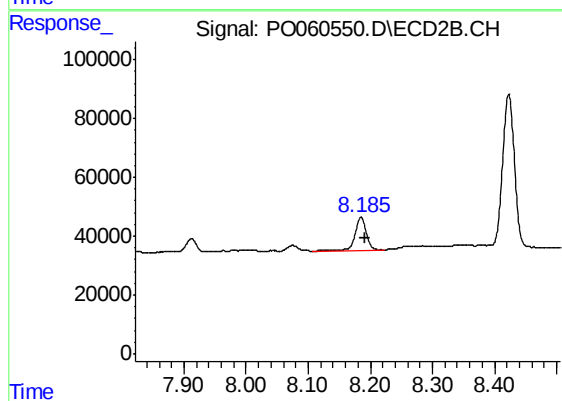
#44 AR-1268-4

R.T.: 7.912 min
Delta R.T.: -0.005 min
Response: 64294
Conc: 37.81 ng/ml



#45 AR-1268-5

R.T.: 9.704 min
Delta R.T.: -0.007 min
Response: 220645
Conc: 13.47 ng/ml



#45 AR-1268-5

R.T.: 8.185 min
Delta R.T.: -0.006 min
Response: 139769
Conc: 12.47 ng/ml