

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080619\
 Data File : P0058945.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Aug 2019 18:47
 Operator : SM/AJ
 Sample : K4154-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PS-5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:09:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.158	3.516	502057	469620	11.896	11.755
2)	SA Decachlor...	9.665	8.398	366775	233485	6.773	5.915
Target Compounds							
3)	L1 AR-1016-1	5.312	4.589	4875	25542	2.602	17.519 #
4)	L1 AR-1016-2	5.360	4.589	698789	25542	253.963	11.899 #
5)	L1 AR-1016-3	5.423	4.765	2231	441319	1.314	388.577 #
6)	L1 AR-1016-4	5.528	4.803	7451	34071	5.325	36.119 #
7)	L1 AR-1016-5	5.819	4.960	3077	607356	2.148	493.210 #
8)	L2 AR-1221-1	4.353	0.000	7403	0	16.297	N.D. #
9)	L2 AR-1221-2	4.464	3.808	23288	66872	67.544	224.054 #
10)	L2 AR-1221-3	4.540	3.911	80649	114427	73.545	119.618 #
11)	L3 AR-1232-1	4.540	3.911	80649	114427	89.331	145.663 #
12)	L3 AR-1232-2	5.109	4.589	4029	25542	8.191	30.211 #
13)	L3 AR-1232-3	5.360	4.765	698789	441319	652.625	1003.490 #
14)	L3 AR-1232-4	5.528	4.886	7451	36003	13.976	91.084 #
15)	L3 AR-1232-5	5.605	4.960	63834	607356	156.432	1379.570 #
16)	L4 AR-1242-1	5.312	4.589	4875	25542	3.807	25.161 #
17)	L4 AR-1242-2	5.360	4.589	698789	25542	369.404	16.919 #
18)	L4 AR-1242-3	5.423	4.765	2231	441319	1.902	541.903 #
19)	L4 AR-1242-4	5.528	4.886	7451	36003	7.753	44.502 #
20)	L4 AR-1242-5	6.244	5.370	449827	510275	382.971	475.698
21)	L5 AR-1248-1	5.312	4.589	4875	25542	4.822	31.942 #
22)	L5 AR-1248-2	5.605	4.803	63834	34071	44.158	30.750 #
23)	L5 AR-1248-3	5.819	4.886	3077	36003	1.873	31.633 #
24)	L5 AR-1248-4	6.213	4.960	138946	607356	68.607	434.762 #
25)	L5 AR-1248-5	6.244	5.432	449827	75578	233.029	54.559 #
26)	L6 AR-1254-1	6.159	5.370	568414	510275	240.722	196.976
27)	L6 AR-1254-2	6.375	5.505	481266	251152	124.876	109.701
28)	L6 AR-1254-3	6.737	5.914	339466	53240	83.826	14.470 #
29)	L6 AR-1254-4	7.011	6.146	78033	85880	21.672	36.934 #
30)	L6 AR-1254-5	7.453	6.535	19612	86265	5.411	25.008 #
31)	L7 AR-1260-1	6.885	6.015	41276	264044	14.336	110.941 #
32)	L7 AR-1260-2	7.186	6.213	52758	87603	12.682	28.918 #
33)	L7 AR-1260-3	7.497	6.362	21563	21662	5.790	8.023 #
34)	L7 AR-1260-4	7.712	6.825	150156	84914	44.063	37.580
35)	L7 AR-1260-5	8.062	7.067	9861	91335	1.341	16.960 #
36)	L8 AR-1262-1	7.497	6.569	21563	25571	4.278	7.159 #
37)	L8 AR-1262-2	8.062	7.067	9861	91335	1.239	16.177 #
38)	L8 AR-1262-3	8.340	7.344	68762	32840	13.527	13.306
39)	L8 AR-1262-4	8.397	7.408	42705	23905	11.269	5.630 #
40)	L8 AR-1262-5	8.998	0.000	17039	0	7.416	N.D. #
41)	L9 AR-1268-1	8.340	7.344	68762	32840	6.156	4.032 #
42)	L9 AR-1268-2	8.397	7.408	42705	23905	4.546	3.155 #

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 Operator : SM/AJ
 Sample : K4154-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

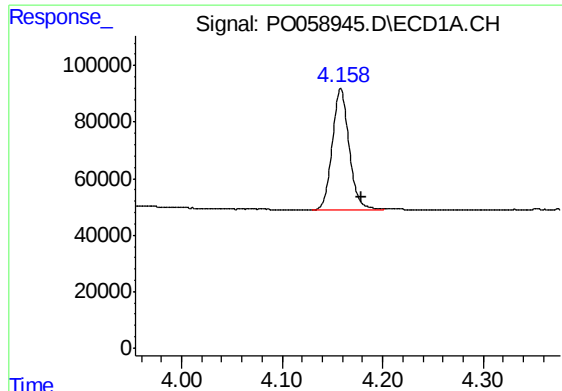
Instrument :
 ECD_O
 ClientSampleId :
 PS-5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:09:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
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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	8.593	7.635	120649	174575	14.608	27.312 #
44) L9	AR-1268-4	8.998	0.000	17039	0	5.700	N.D. #
45) L9	AR-1268-5	9.368	0.000	19052	0	0.887	N.D. #

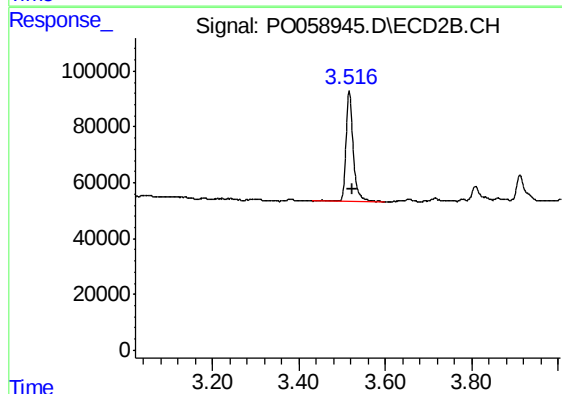
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

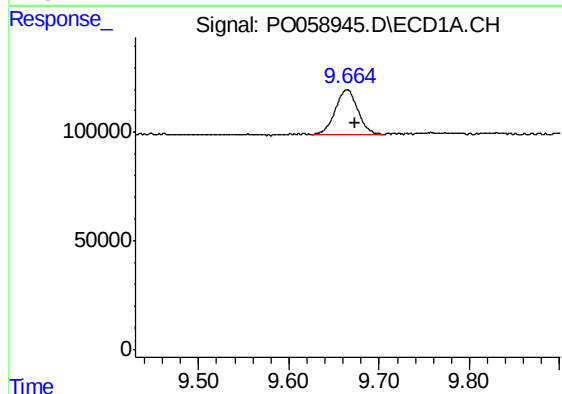
R.T.: 4.158 min
Delta R.T.: -0.021 min
Response: 502057
Conc: 11.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



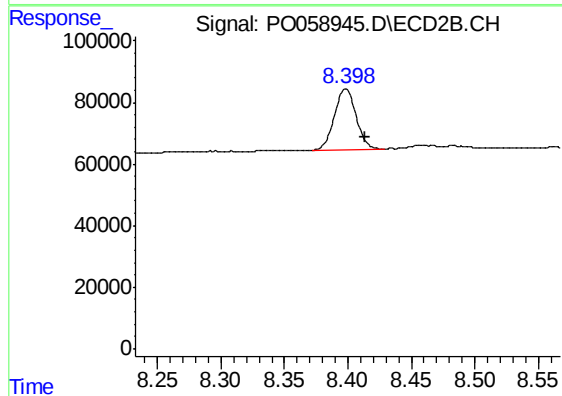
#1 Tetrachloro-m-xylene

R.T.: 3.516 min
Delta R.T.: -0.009 min
Response: 469620
Conc: 11.76 ng/ml



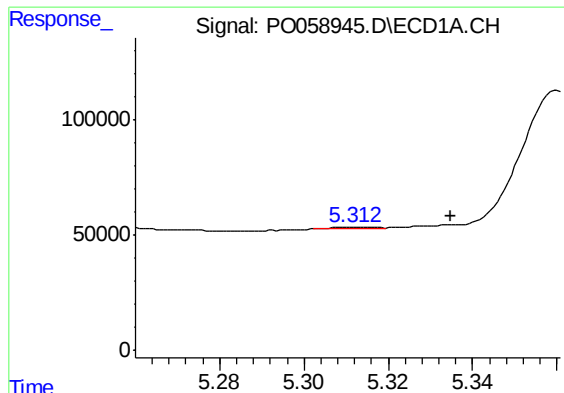
#2 Decachlorobiphenyl

R.T.: 9.665 min
Delta R.T.: -0.008 min
Response: 366775
Conc: 6.77 ng/ml



#2 Decachlorobiphenyl

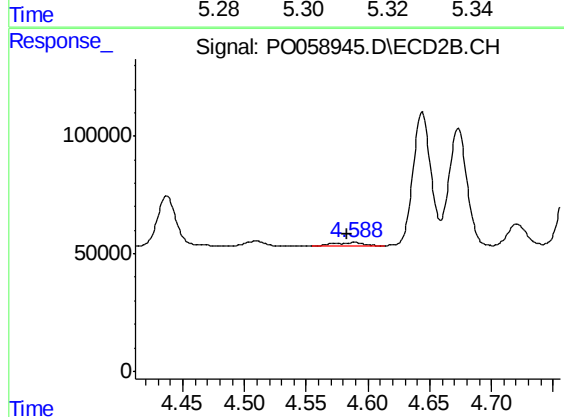
R.T.: 8.398 min
Delta R.T.: -0.016 min
Response: 233485
Conc: 5.92 ng/ml



#3 AR-1016-1

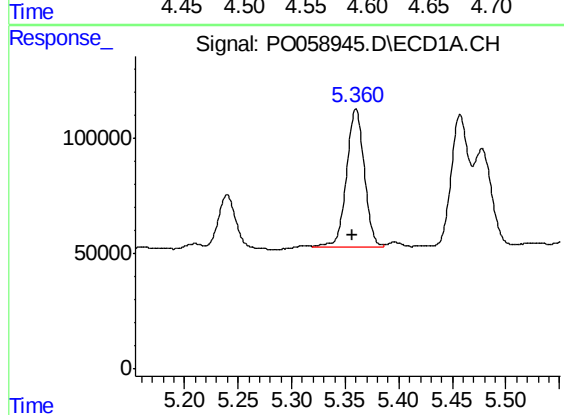
R.T.: 5.312 min
Delta R.T.: -0.023 min
Response: 4875
Conc: 2.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



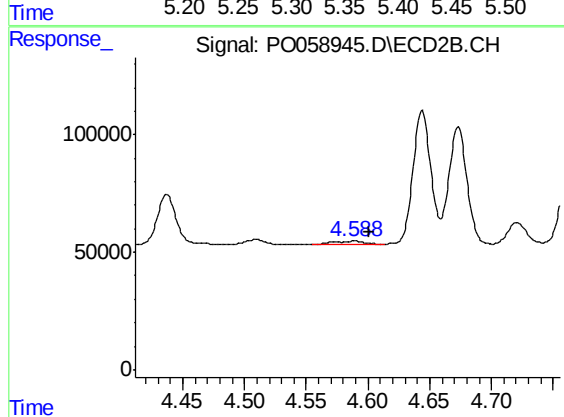
#3 AR-1016-1

R.T.: 4.589 min
Delta R.T.: 0.006 min
Response: 25542
Conc: 17.52 ng/ml



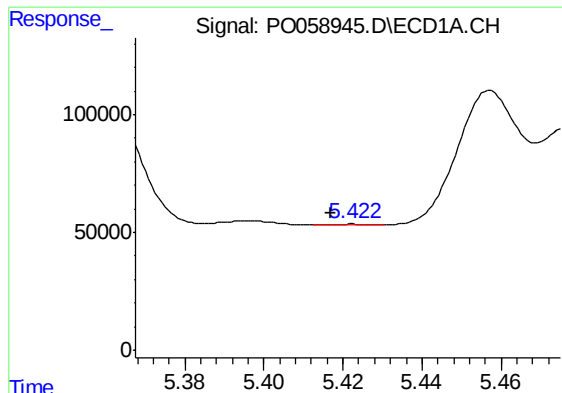
#4 AR-1016-2

R.T.: 5.360 min
Delta R.T.: 0.003 min
Response: 698789
Conc: 253.96 ng/ml



#4 AR-1016-2

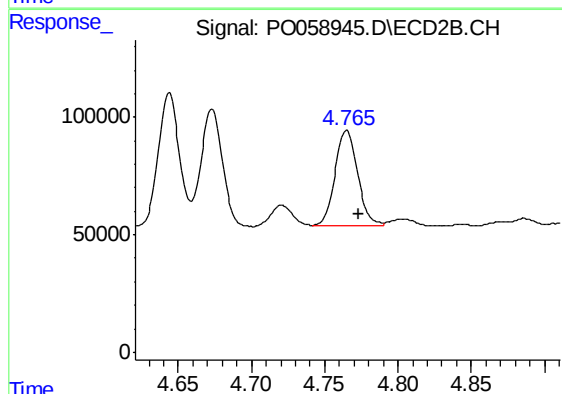
R.T.: 4.589 min
Delta R.T.: -0.011 min
Response: 25542
Conc: 11.90 ng/ml



#5 AR-1016-3

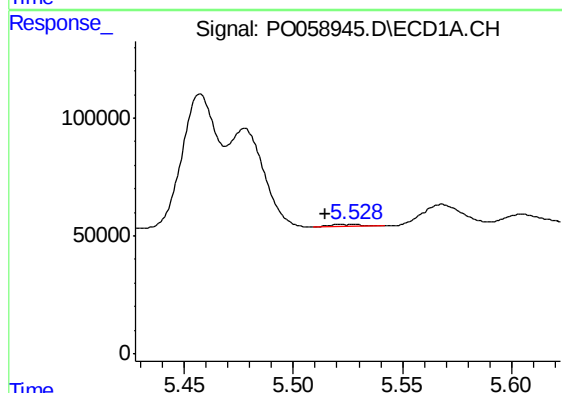
R.T.: 5.423 min
Delta R.T.: 0.006 min
Response: 2231
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



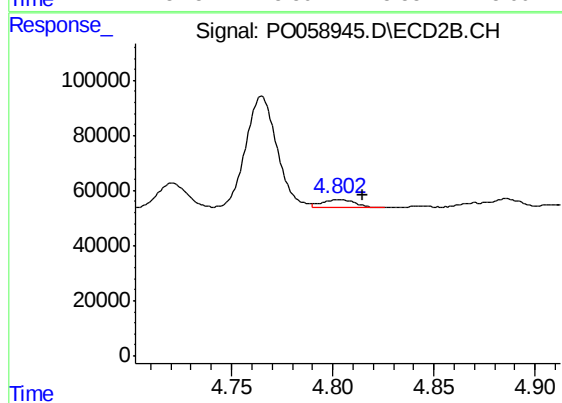
#5 AR-1016-3

R.T.: 4.765 min
Delta R.T.: -0.008 min
Response: 441319
Conc: 388.58 ng/ml



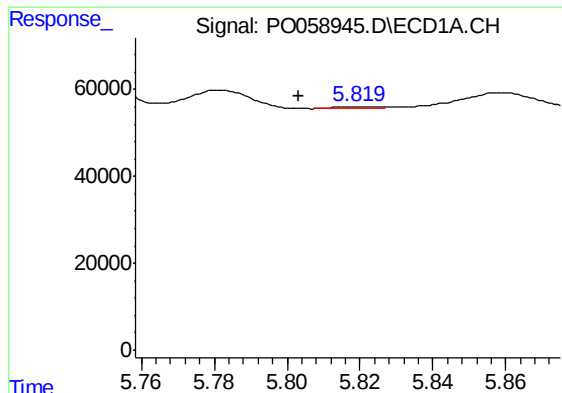
#6 AR-1016-4

R.T.: 5.528 min
Delta R.T.: 0.013 min
Response: 7451
Conc: 5.33 ng/ml



#6 AR-1016-4

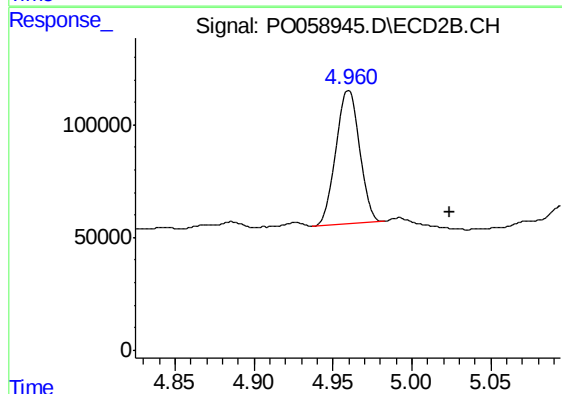
R.T.: 4.803 min
Delta R.T.: -0.012 min
Response: 34071
Conc: 36.12 ng/ml



#7 AR-1016-5

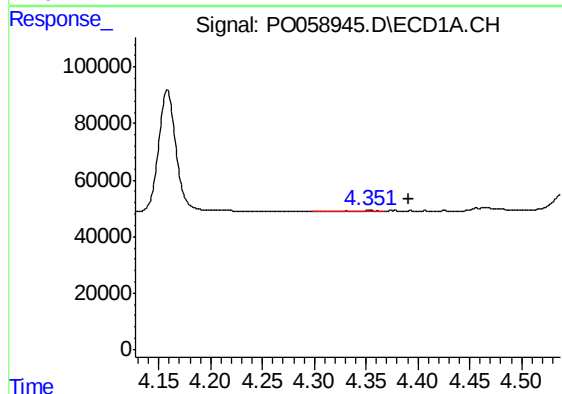
R.T.: 5.819 min
Delta R.T.: 0.016 min
Response: 3077
Conc: 2.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



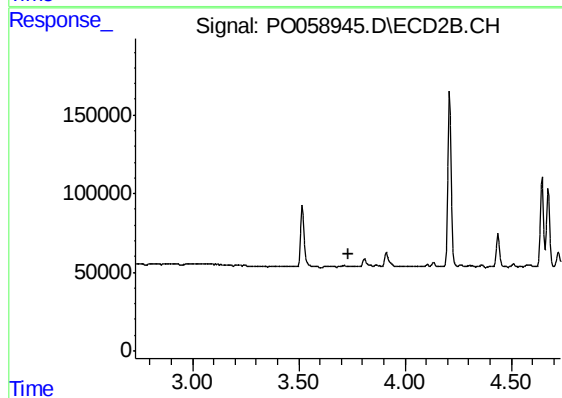
#7 AR-1016-5

R.T.: 4.960 min
Delta R.T.: -0.064 min
Response: 607356
Conc: 493.21 ng/ml



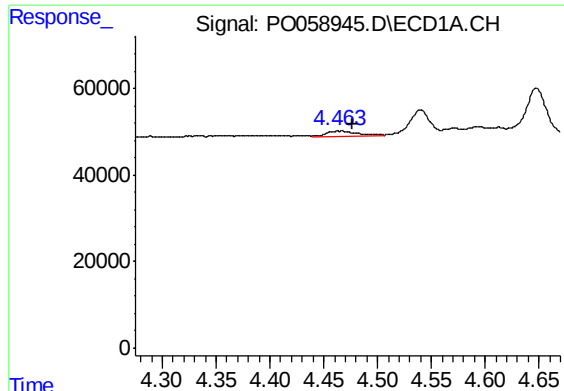
#8 AR-1221-1

R.T.: 4.353 min
Delta R.T.: -0.038 min
Response: 7403
Conc: 16.30 ng/ml



#8 AR-1221-1

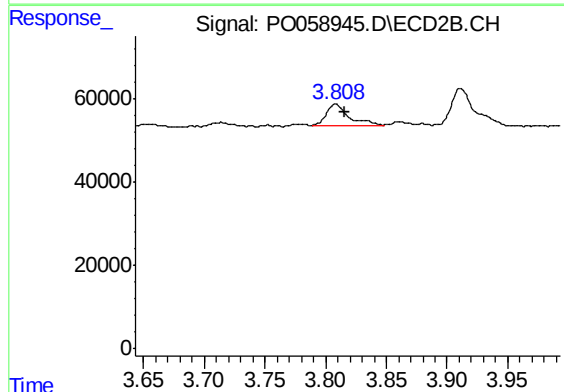
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

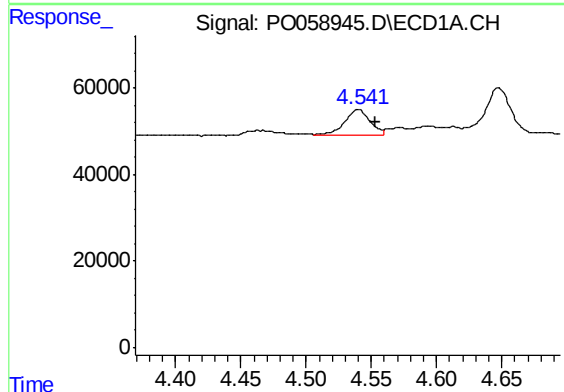
R.T.: 4.464 min
Delta R.T.: -0.013 min
Response: 23288
Conc: 67.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



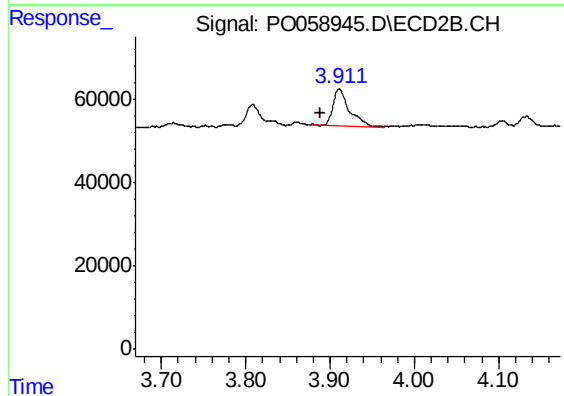
#9 AR-1221-2

R.T.: 3.808 min
Delta R.T.: -0.008 min
Response: 66872
Conc: 224.05 ng/ml



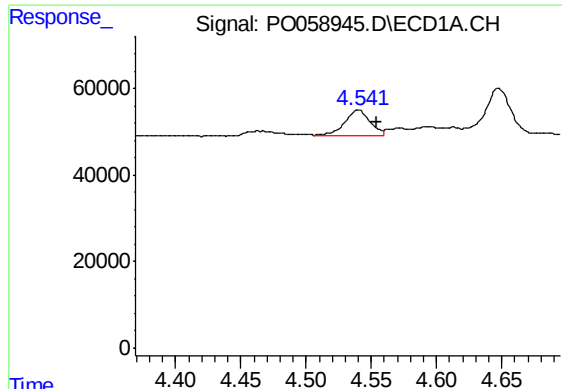
#10 AR-1221-3

R.T.: 4.540 min
Delta R.T.: -0.013 min
Response: 80649
Conc: 73.55 ng/ml



#10 AR-1221-3

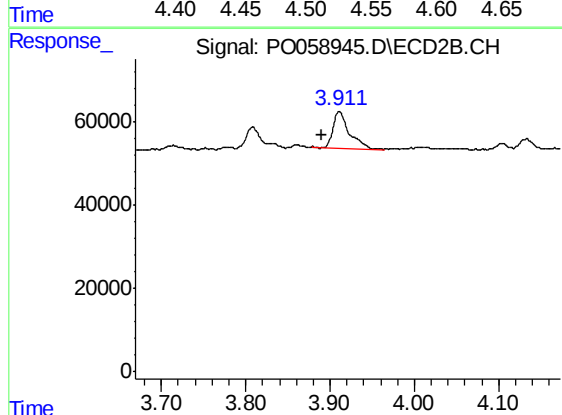
R.T.: 3.911 min
Delta R.T.: 0.022 min
Response: 114427
Conc: 119.62 ng/ml



#11 AR-1232-1

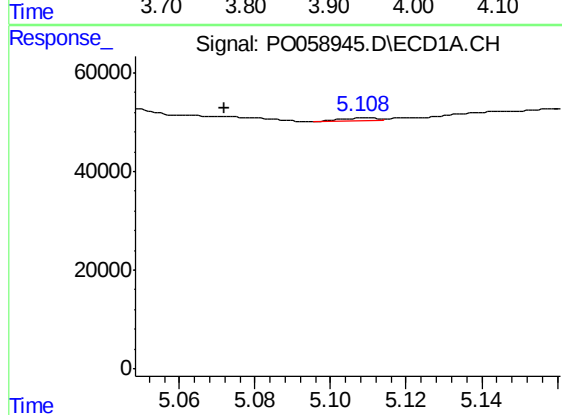
R.T.: 4.540 min
Delta R.T.: -0.014 min
Response: 80649
Conc: 89.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



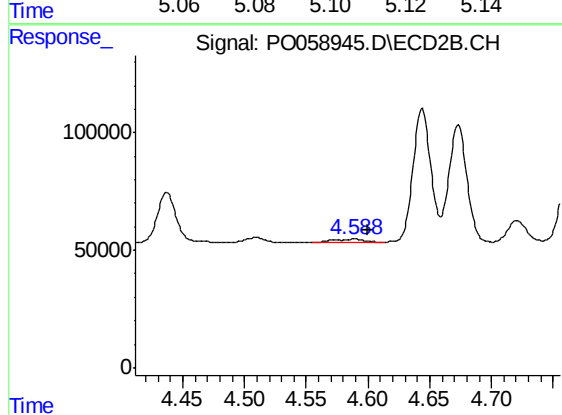
#11 AR-1232-1

R.T.: 3.911 min
Delta R.T.: 0.022 min
Response: 114427
Conc: 145.66 ng/ml



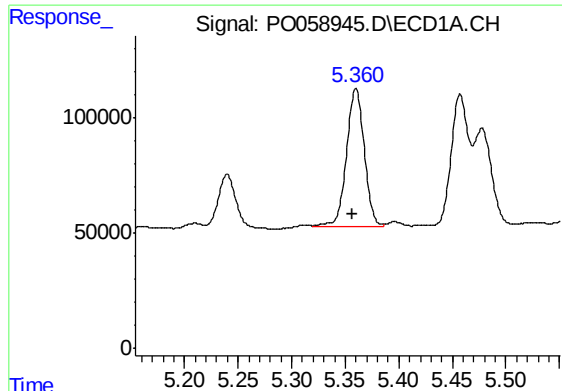
#12 AR-1232-2

R.T.: 5.109 min
Delta R.T.: 0.037 min
Response: 4029
Conc: 8.19 ng/ml



#12 AR-1232-2

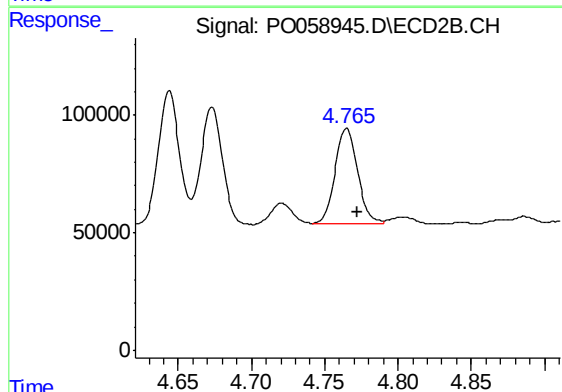
R.T.: 4.589 min
Delta R.T.: -0.011 min
Response: 25542
Conc: 30.21 ng/ml



#13 AR-1232-3

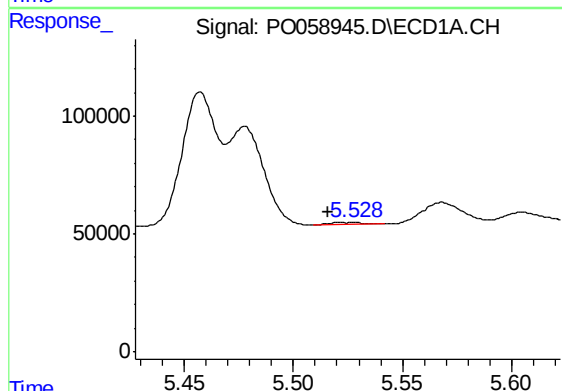
R.T.: 5.360 min
Delta R.T.: 0.003 min
Response: 698789
Conc: 652.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



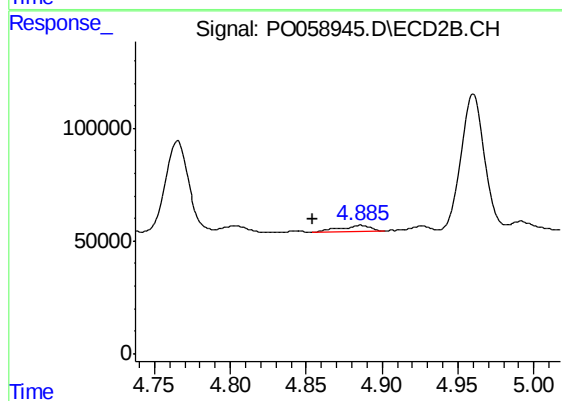
#13 AR-1232-3

R.T.: 4.765 min
Delta R.T.: -0.008 min
Response: 441319
Conc: 1003.49 ng/ml



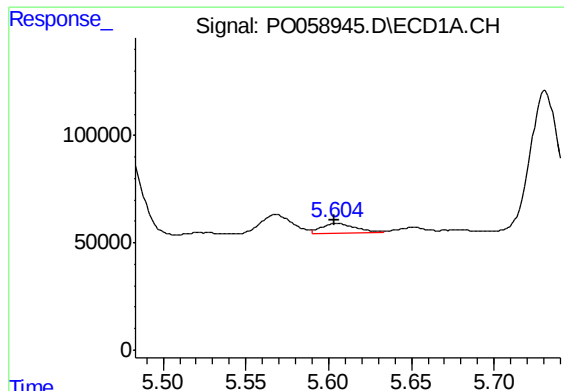
#14 AR-1232-4

R.T.: 5.528 min
Delta R.T.: 0.012 min
Response: 7451
Conc: 13.98 ng/ml



#14 AR-1232-4

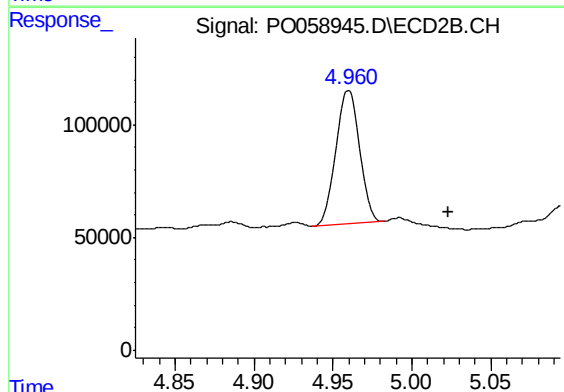
R.T.: 4.886 min
Delta R.T.: 0.031 min
Response: 36003
Conc: 91.08 ng/ml



#15 AR-1232-5

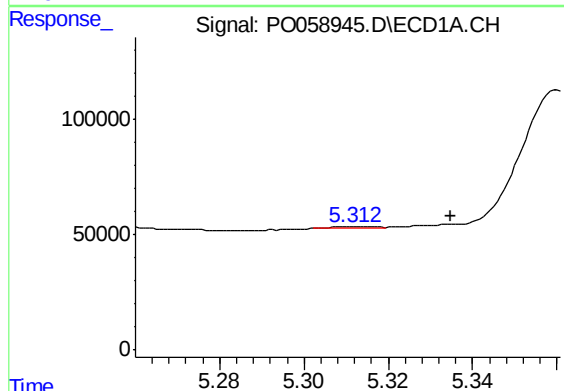
R.T.: 5.605 min
Delta R.T.: 0.002 min
Response: 63834
Conc: 156.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



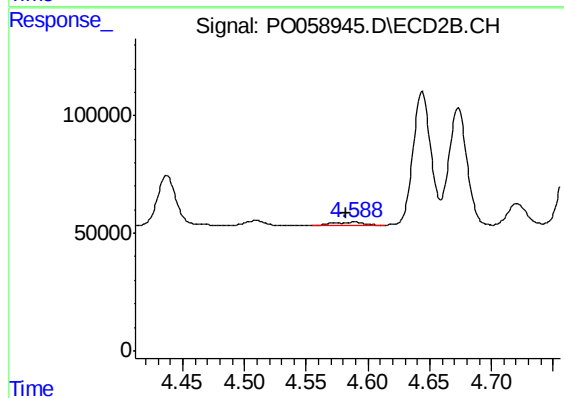
#15 AR-1232-5

R.T.: 4.960 min
Delta R.T.: -0.063 min
Response: 607356
Conc: 1379.57 ng/ml



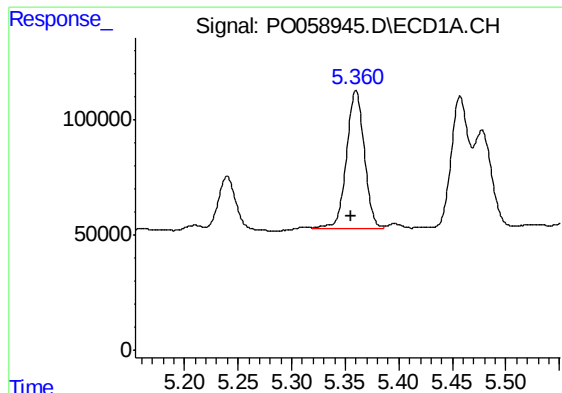
#16 AR-1242-1

R.T.: 5.312 min
Delta R.T.: -0.023 min
Response: 4875
Conc: 3.81 ng/ml



#16 AR-1242-1

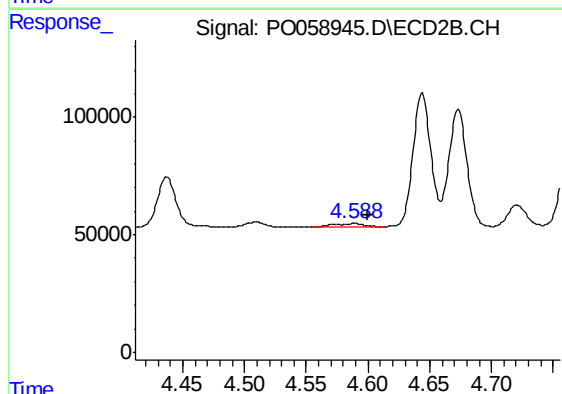
R.T.: 4.589 min
Delta R.T.: 0.006 min
Response: 25542
Conc: 25.16 ng/ml



#17 AR-1242-2

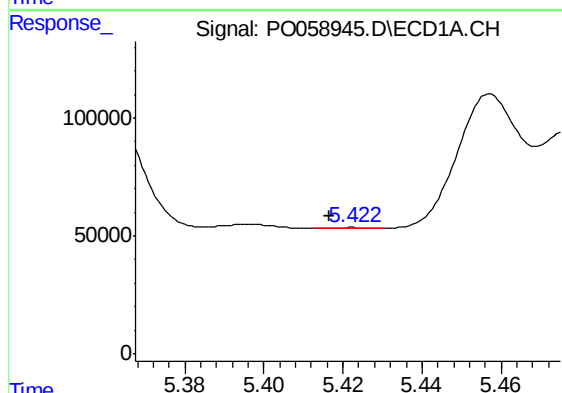
R.T.: 5.360 min
Delta R.T.: 0.004 min
Response: 698789
Conc: 369.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



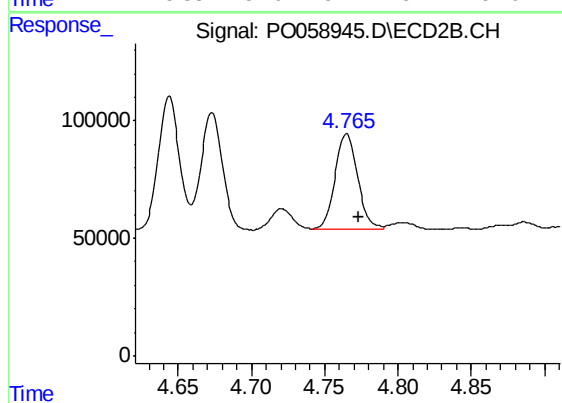
#17 AR-1242-2

R.T.: 4.589 min
Delta R.T.: -0.011 min
Response: 25542
Conc: 16.92 ng/ml



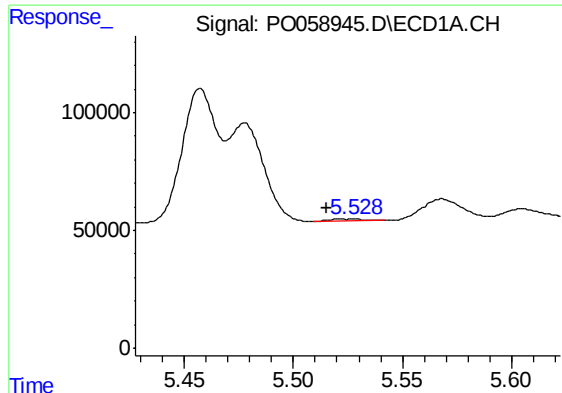
#18 AR-1242-3

R.T.: 5.423 min
Delta R.T.: 0.007 min
Response: 2231
Conc: 1.90 ng/ml



#18 AR-1242-3

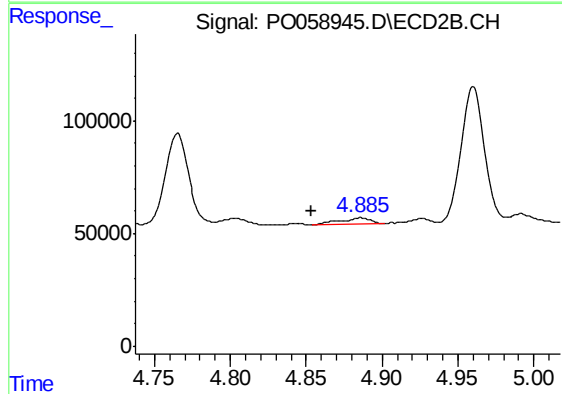
R.T.: 4.765 min
Delta R.T.: -0.008 min
Response: 441319
Conc: 541.90 ng/ml



#19 AR-1242-4

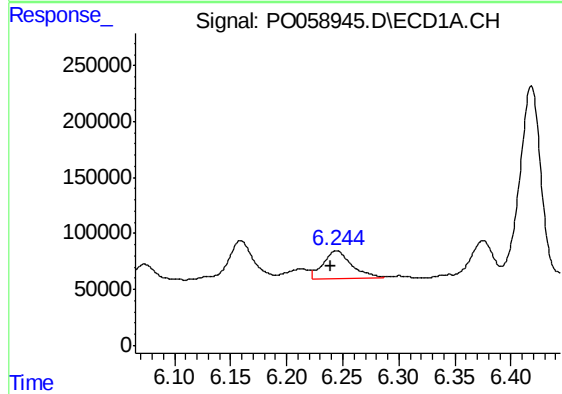
R.T.: 5.528 min
Delta R.T.: 0.013 min
Response: 7451
Conc: 7.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



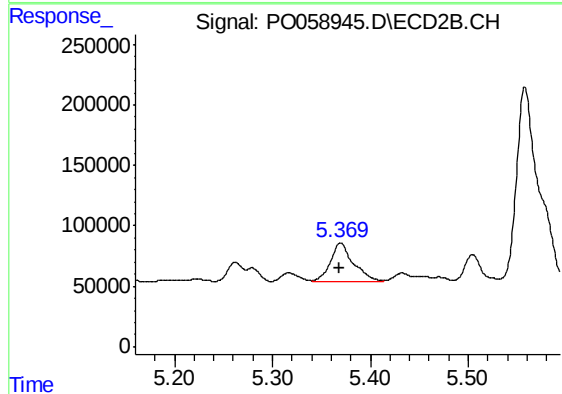
#19 AR-1242-4

R.T.: 4.886 min
Delta R.T.: 0.032 min
Response: 36003
Conc: 44.50 ng/ml



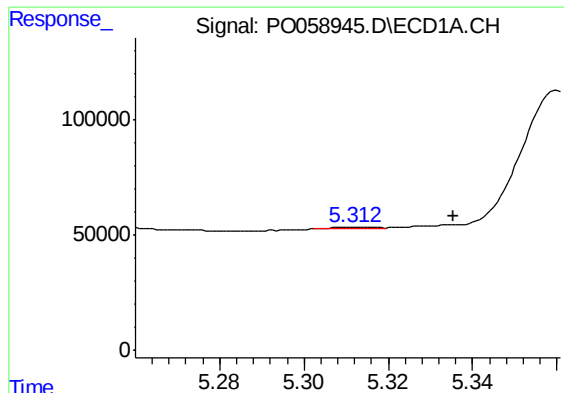
#20 AR-1242-5

R.T.: 6.244 min
Delta R.T.: 0.005 min
Response: 449827
Conc: 382.97 ng/ml



#20 AR-1242-5

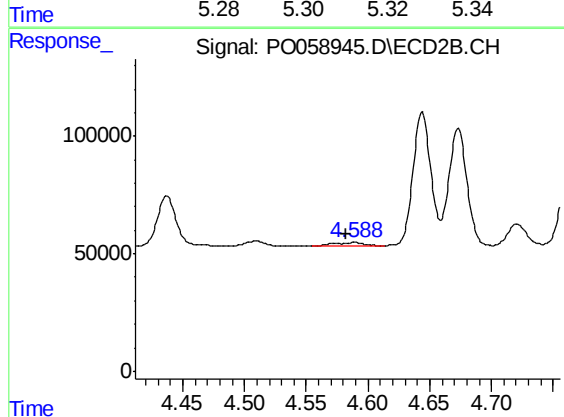
R.T.: 5.370 min
Delta R.T.: 0.001 min
Response: 510275
Conc: 475.70 ng/ml



#21 AR-1248-1

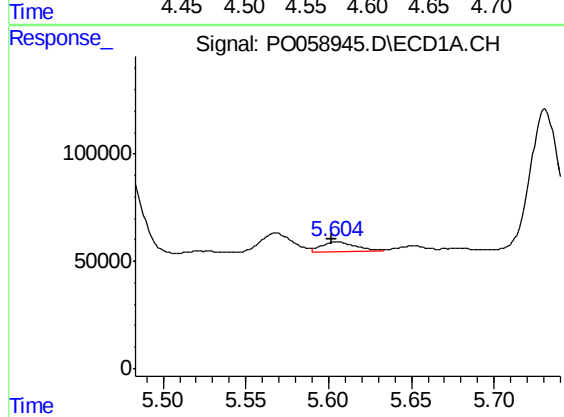
R.T.: 5.312 min
Delta R.T.: -0.023 min
Response: 4875
Conc: 4.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



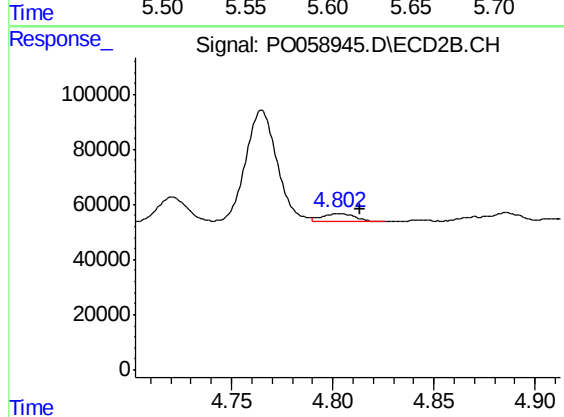
#21 AR-1248-1

R.T.: 4.589 min
Delta R.T.: 0.006 min
Response: 25542
Conc: 31.94 ng/ml



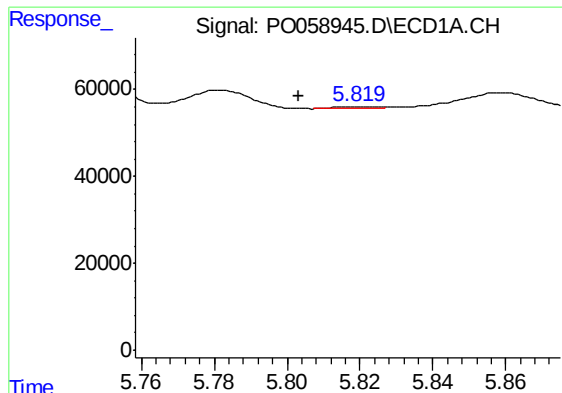
#22 AR-1248-2

R.T.: 5.605 min
Delta R.T.: 0.002 min
Response: 63834
Conc: 44.16 ng/ml



#22 AR-1248-2

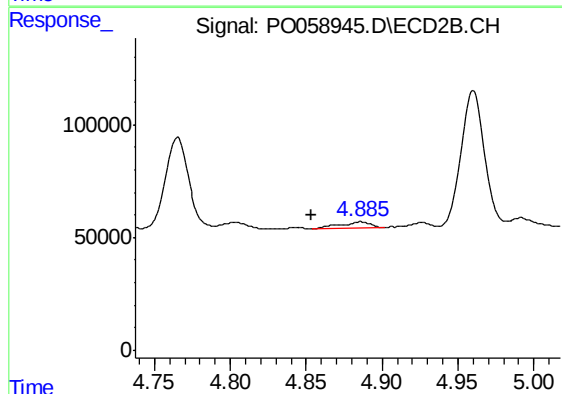
R.T.: 4.803 min
Delta R.T.: -0.011 min
Response: 34071
Conc: 30.75 ng/ml



#23 AR-1248-3

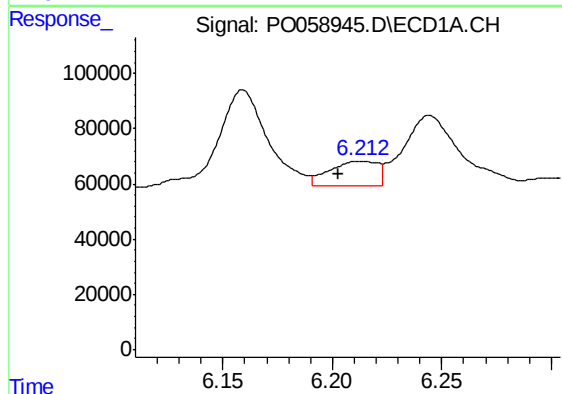
R.T.: 5.819 min
Delta R.T.: 0.016 min
Response: 3077
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



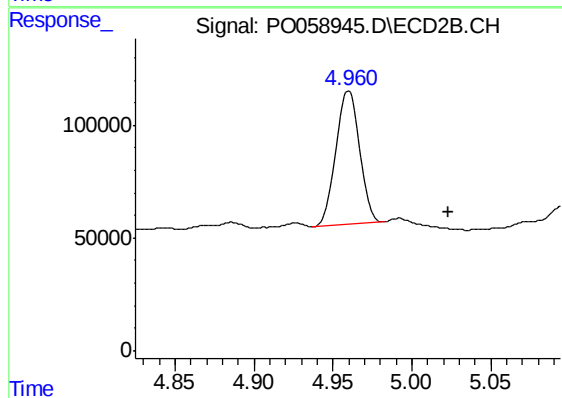
#23 AR-1248-3

R.T.: 4.886 min
Delta R.T.: 0.032 min
Response: 36003
Conc: 31.63 ng/ml



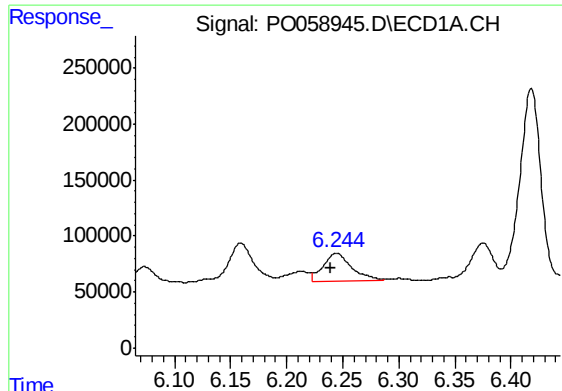
#24 AR-1248-4

R.T.: 6.213 min
Delta R.T.: 0.010 min
Response: 138946
Conc: 68.61 ng/ml



#24 AR-1248-4

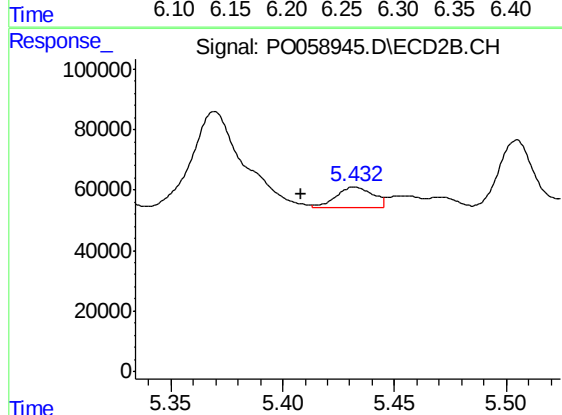
R.T.: 4.960 min
Delta R.T.: -0.063 min
Response: 607356
Conc: 434.76 ng/ml



#25 AR-1248-5

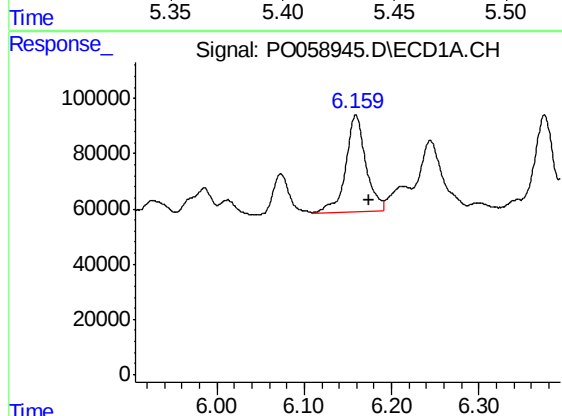
R.T.: 6.244 min
Delta R.T.: 0.005 min
Response: 449827
Conc: 233.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



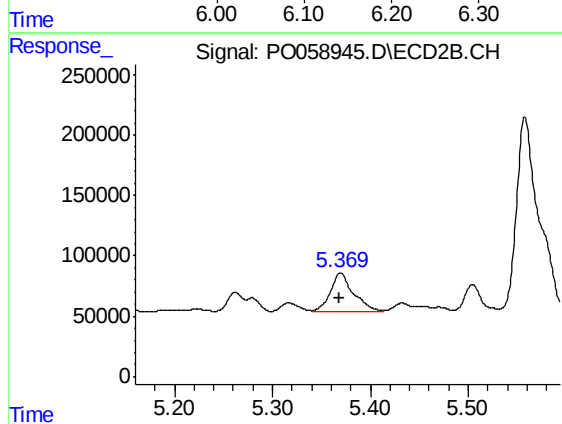
#25 AR-1248-5

R.T.: 5.432 min
Delta R.T.: 0.024 min
Response: 75578
Conc: 54.56 ng/ml



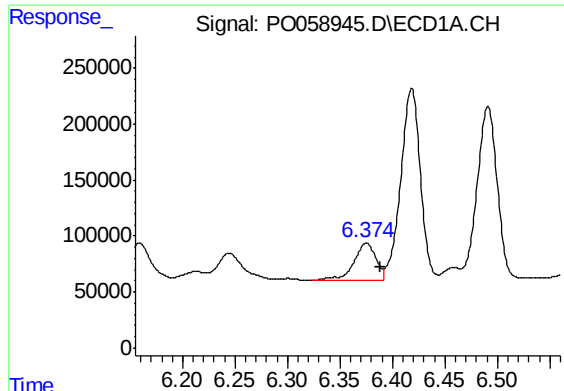
#26 AR-1254-1

R.T.: 6.159 min
Delta R.T.: -0.014 min
Response: 568414
Conc: 240.72 ng/ml



#26 AR-1254-1

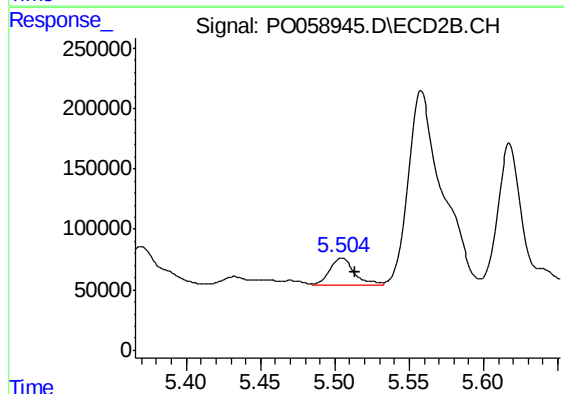
R.T.: 5.370 min
Delta R.T.: 0.001 min
Response: 510275
Conc: 196.98 ng/ml



#27 AR-1254-2

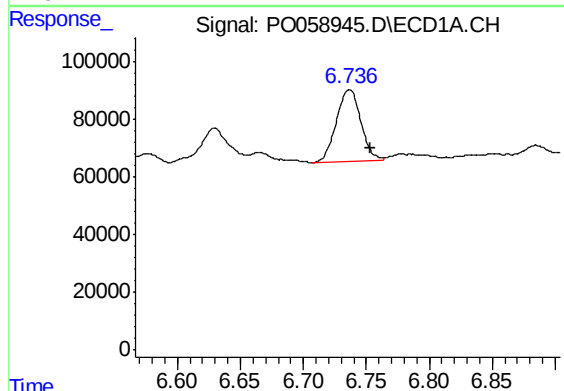
R.T.: 6.375 min
Delta R.T.: -0.014 min
Response: 481266
Conc: 124.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



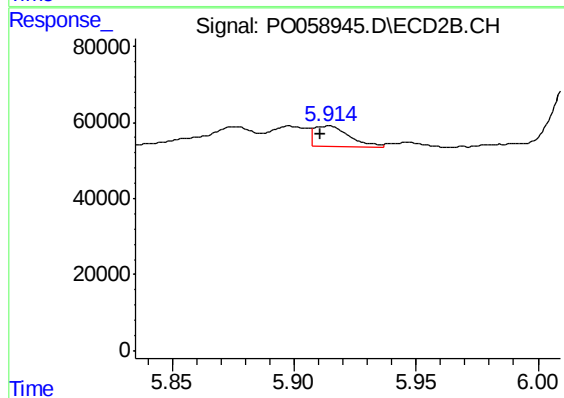
#27 AR-1254-2

R.T.: 5.505 min
Delta R.T.: -0.009 min
Response: 251152
Conc: 109.70 ng/ml



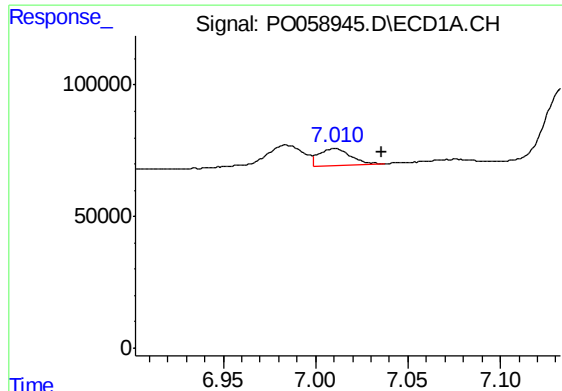
#28 AR-1254-3

R.T.: 6.737 min
Delta R.T.: -0.017 min
Response: 339466
Conc: 83.83 ng/ml



#28 AR-1254-3

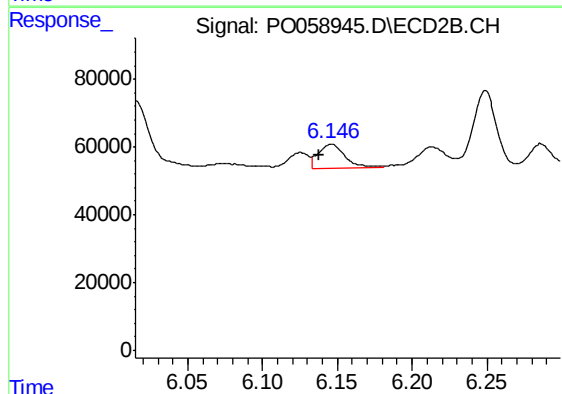
R.T.: 5.914 min
Delta R.T.: 0.003 min
Response: 53240
Conc: 14.47 ng/ml



#29 AR-1254-4

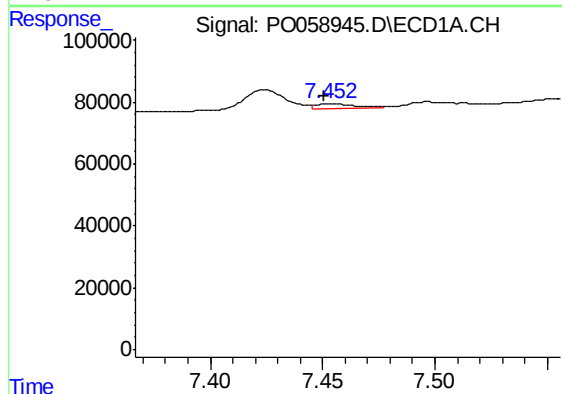
R.T.: 7.011 min
Delta R.T.: -0.026 min
Response: 78033
Conc: 21.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



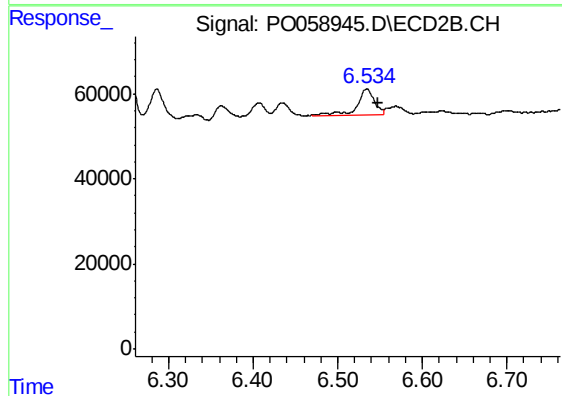
#29 AR-1254-4

R.T.: 6.146 min
Delta R.T.: 0.008 min
Response: 85880
Conc: 36.93 ng/ml



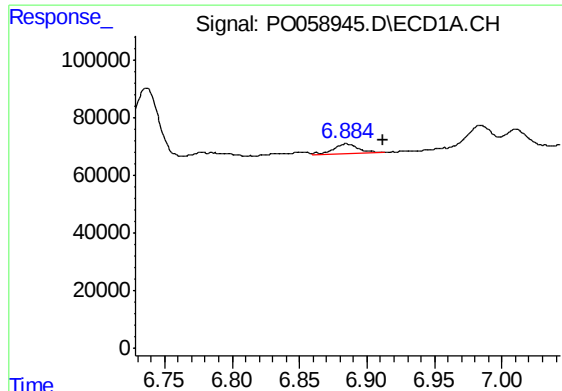
#30 AR-1254-5

R.T.: 7.453 min
Delta R.T.: 0.003 min
Response: 19612
Conc: 5.41 ng/ml



#30 AR-1254-5

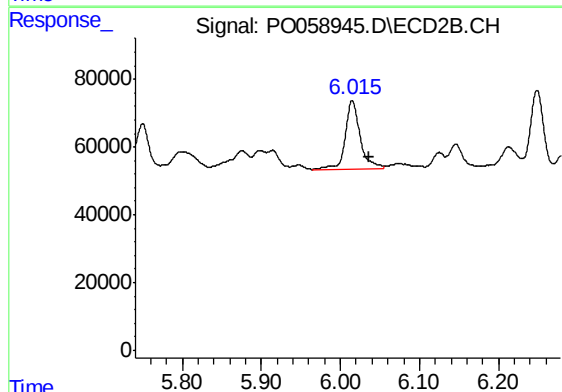
R.T.: 6.535 min
Delta R.T.: -0.014 min
Response: 86265
Conc: 25.01 ng/ml



#31 AR-1260-1

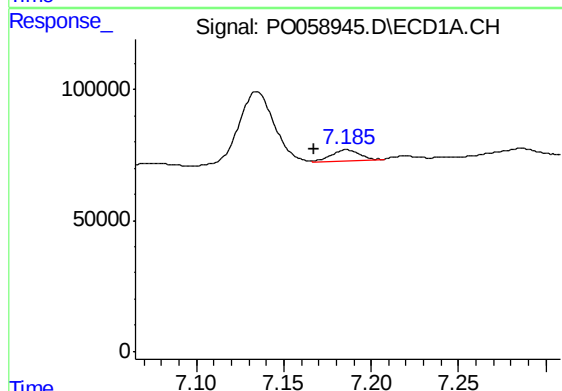
R.T.: 6.885 min
Delta R.T.: -0.027 min
Response: 41276
Conc: 14.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



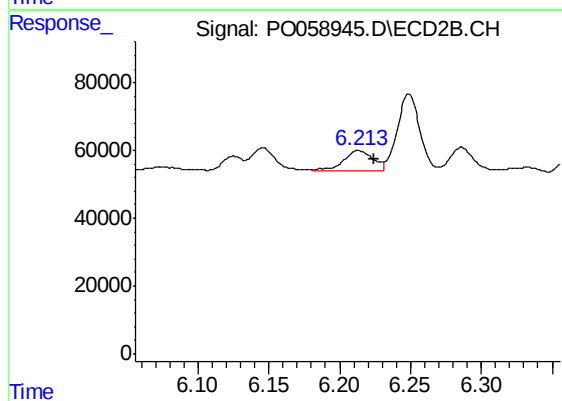
#31 AR-1260-1

R.T.: 6.015 min
Delta R.T.: -0.022 min
Response: 264044
Conc: 110.94 ng/ml



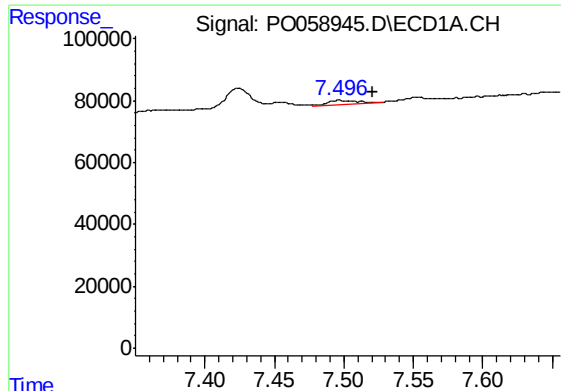
#32 AR-1260-2

R.T.: 7.186 min
Delta R.T.: 0.018 min
Response: 52758
Conc: 12.68 ng/ml



#32 AR-1260-2

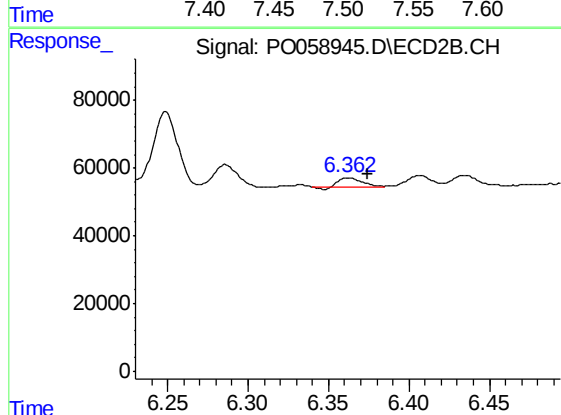
R.T.: 6.213 min
Delta R.T.: -0.011 min
Response: 87603
Conc: 28.92 ng/ml



#33 AR-1260-3

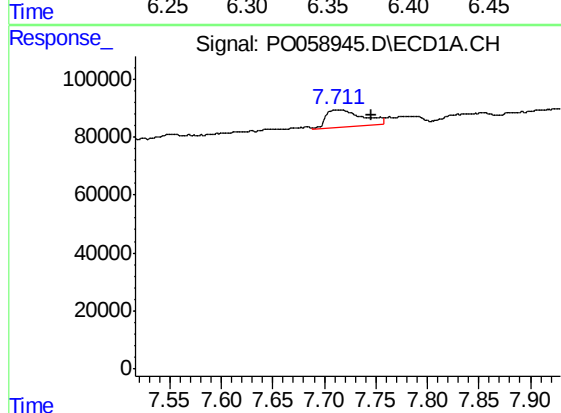
R.T.: 7.497 min
Delta R.T.: -0.024 min
Response: 21563
Conc: 5.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



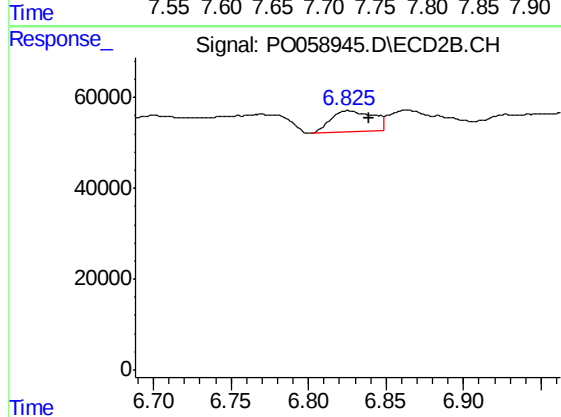
#33 AR-1260-3

R.T.: 6.362 min
Delta R.T.: -0.012 min
Response: 21662
Conc: 8.02 ng/ml



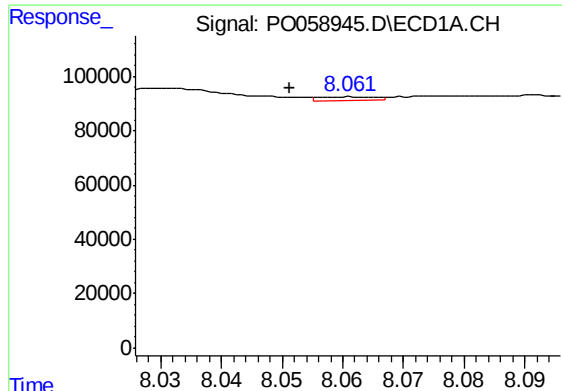
#34 AR-1260-4

R.T.: 7.712 min
Delta R.T.: -0.034 min
Response: 150156
Conc: 44.06 ng/ml



#34 AR-1260-4

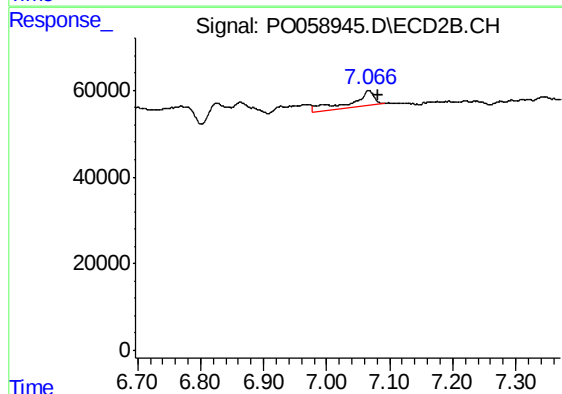
R.T.: 6.825 min
Delta R.T.: -0.014 min
Response: 84914
Conc: 37.58 ng/ml



#35 AR-1260-5

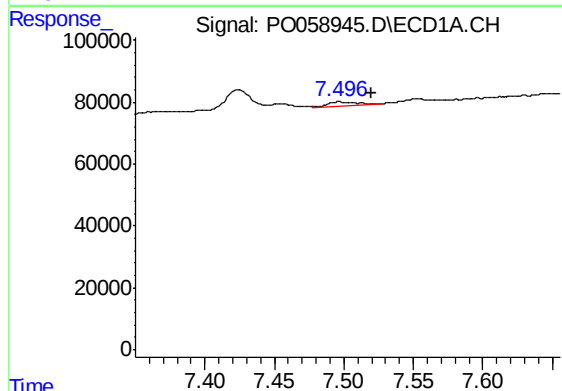
R.T.: 8.062 min
Delta R.T.: 0.011 min
Response: 9861
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



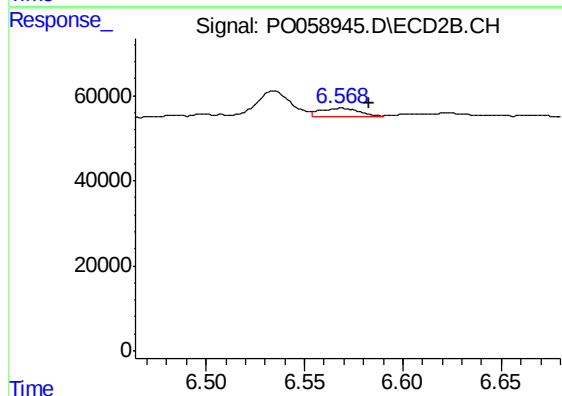
#35 AR-1260-5

R.T.: 7.067 min
Delta R.T.: -0.015 min
Response: 91335
Conc: 16.96 ng/ml



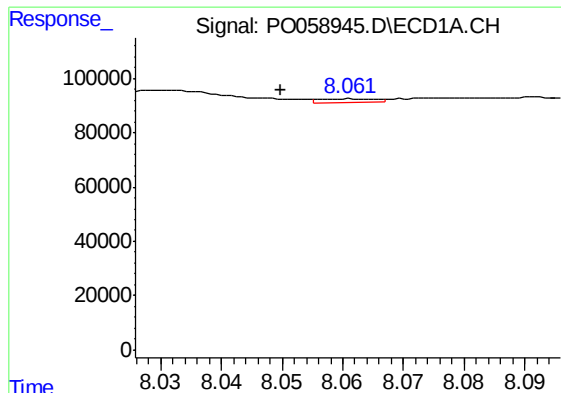
#36 AR-1262-1

R.T.: 7.497 min
Delta R.T.: -0.023 min
Response: 21563
Conc: 4.28 ng/ml



#36 AR-1262-1

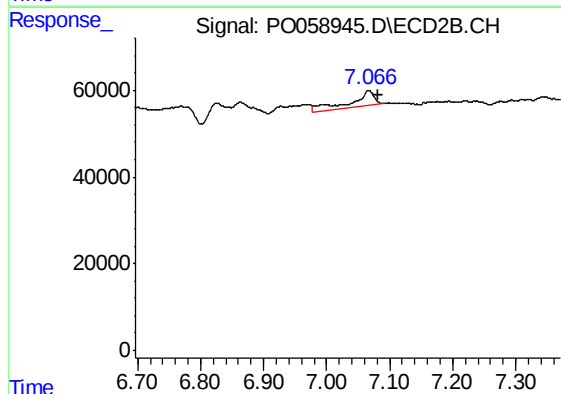
R.T.: 6.569 min
Delta R.T.: -0.014 min
Response: 25571
Conc: 7.16 ng/ml



#37 AR-1262-2

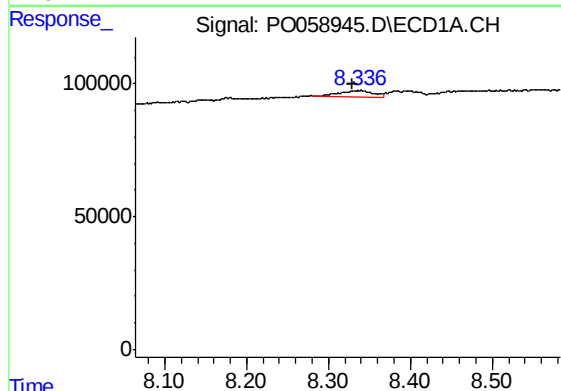
R.T.: 8.062 min
Delta R.T.: 0.012 min
Response: 9861
Conc: 1.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



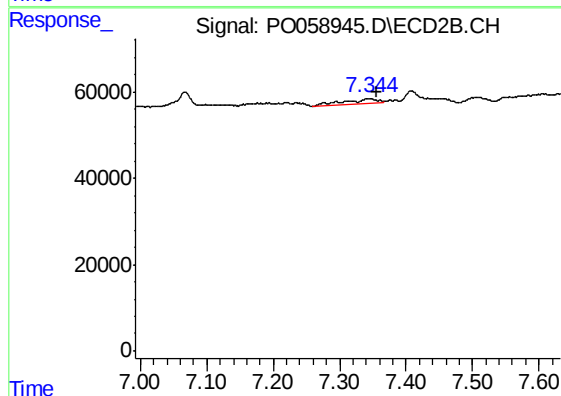
#37 AR-1262-2

R.T.: 7.067 min
Delta R.T.: -0.015 min
Response: 91335
Conc: 16.18 ng/ml



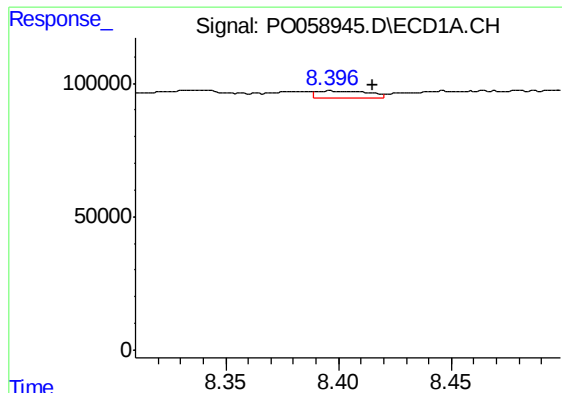
#38 AR-1262-3

R.T.: 8.340 min
Delta R.T.: 0.010 min
Response: 68762
Conc: 13.53 ng/ml



#38 AR-1262-3

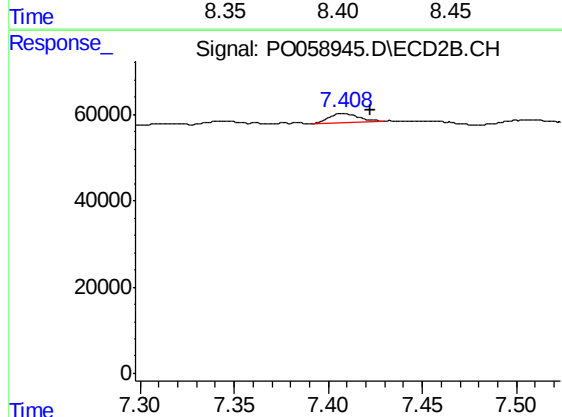
R.T.: 7.344 min
Delta R.T.: -0.012 min
Response: 32840
Conc: 13.31 ng/ml



#39 AR-1262-4

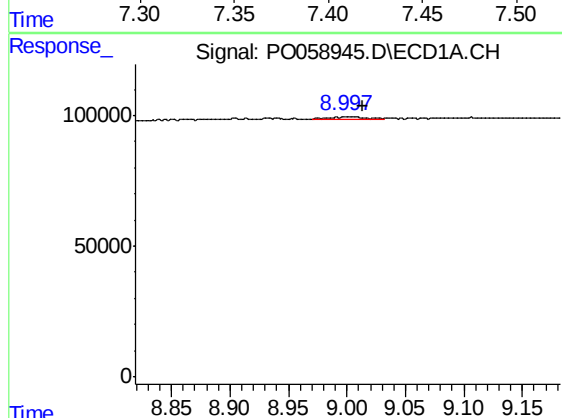
R.T.: 8.397 min
Delta R.T.: -0.019 min
Response: 42705
Conc: 11.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



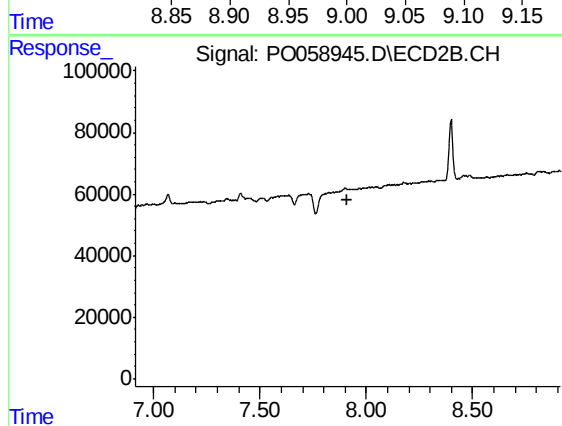
#39 AR-1262-4

R.T.: 7.408 min
Delta R.T.: -0.014 min
Response: 23905
Conc: 5.63 ng/ml



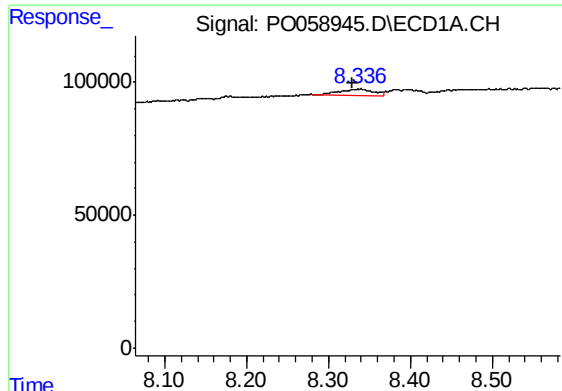
#40 AR-1262-5

R.T.: 8.998 min
Delta R.T.: -0.015 min
Response: 17039
Conc: 7.42 ng/ml



#40 AR-1262-5

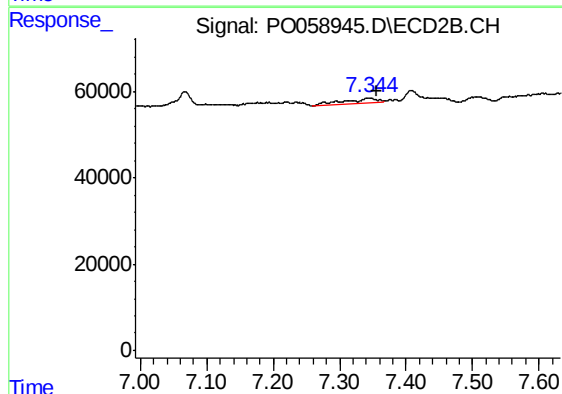
R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

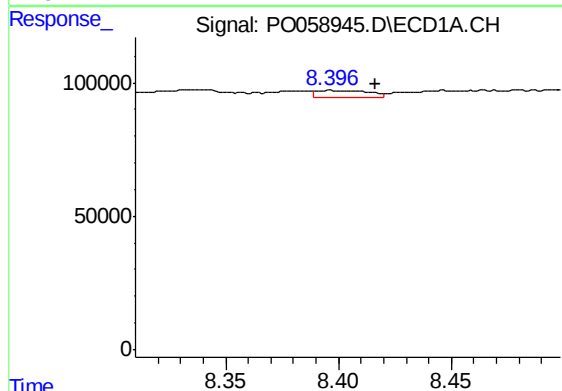
R.T.: 8.340 min
Delta R.T.: 0.011 min
Response: 68762
Conc: 6.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



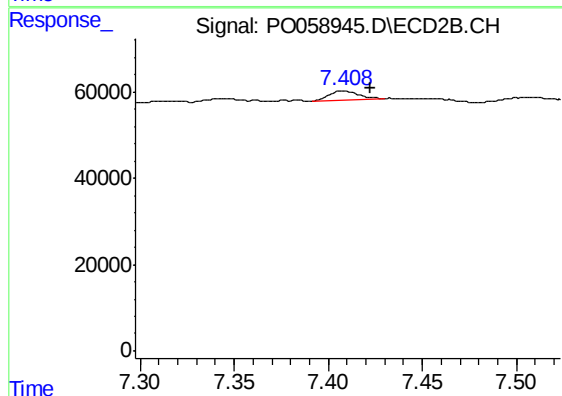
#41 AR-1268-1

R.T.: 7.344 min
Delta R.T.: -0.012 min
Response: 32840
Conc: 4.03 ng/ml



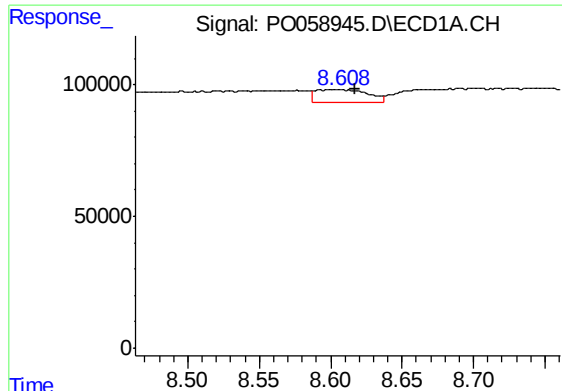
#42 AR-1268-2

R.T.: 8.397 min
Delta R.T.: -0.020 min
Response: 42705
Conc: 4.55 ng/ml



#42 AR-1268-2

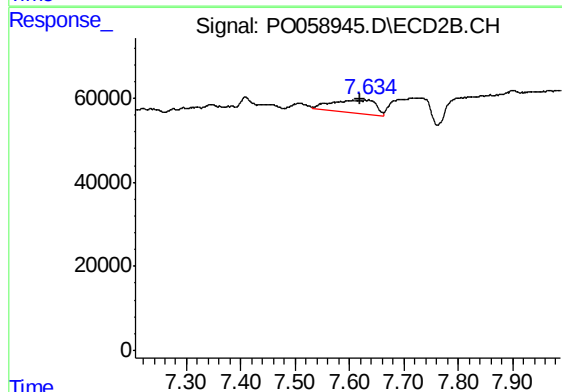
R.T.: 7.408 min
Delta R.T.: -0.014 min
Response: 23905
Conc: 3.15 ng/ml



#43 AR-1268-3

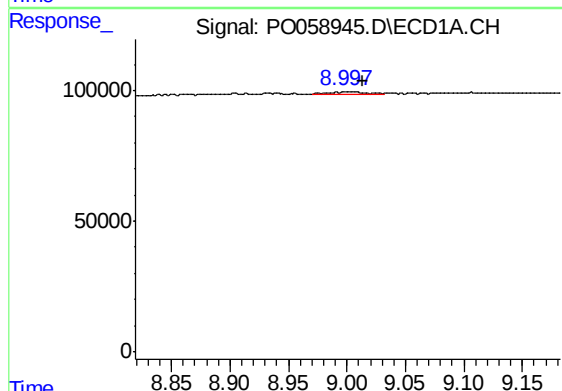
R.T.: 8.593 min
Delta R.T.: -0.024 min
Response: 120649
Conc: 14.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



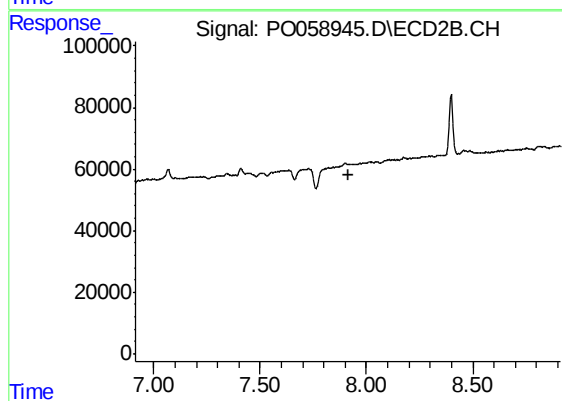
#43 AR-1268-3

R.T.: 7.635 min
Delta R.T.: 0.016 min
Response: 174575
Conc: 27.31 ng/ml



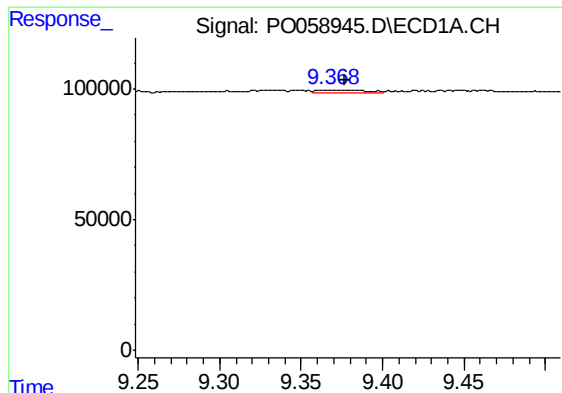
#44 AR-1268-4

R.T.: 8.998 min
Delta R.T.: -0.016 min
Response: 17039
Conc: 5.70 ng/ml



#44 AR-1268-4

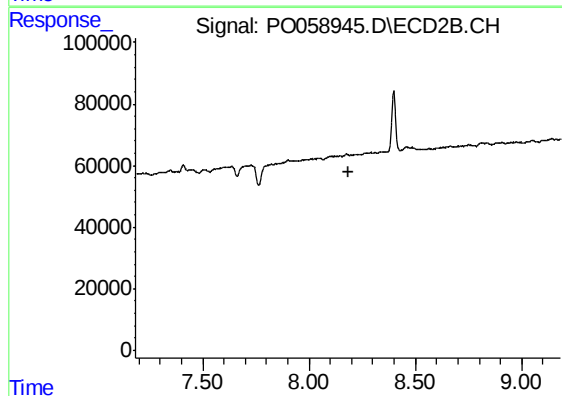
R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.368 min
Delta R.T.: -0.009 min
Response: 19052
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
PS-5



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.