

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062521\
 Data File : P0079143.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 Jun 2021 12:41
 Operator : DD\AJ
 Sample : M2844-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 41871

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 14:40:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Jun 20 03:02:02 2021
 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...	4.324	3.601	1314942	513221	16.661	17.268
2)	SA Decachlor...	9.924	8.777	1083814	500510	17.354	16.796
Target Compounds							
3)	L1 AR-1016-1	5.619	4.825	625156	208985	233.716	194.589
4)	L1 AR-1016-2	5.640	4.843	826696	255597	202.245	159.527
5)	L1 AR-1016-3	5.705	5.031	563019	179787	224.132	216.470
6)	L1 AR-1016-4	5.809	5.084	459213	243043	234.990	328.849 #
7)	L1 AR-1016-5	6.120	5.307	719567	263292	362.325	291.598
8)	L2 AR-1221-1	4.570	0.000	158625	0	190.805	N.D. #
9)	L2 AR-1221-2	4.673	0.000	77052	0	126.495	N.D. #
10)	L2 AR-1221-3	4.755	4.036	168969	50735	86.751	63.904 #
11)	L3 AR-1232-1	4.755	4.036	168969	50735	105.985	81.372
12)	L3 AR-1232-2	5.328	4.843	340459	255597	423.858	416.581
13)	L3 AR-1232-3	5.640	5.031	826696	179787	540.783	605.168
14)	L3 AR-1232-4	5.809	5.126	459213	257481	621.018	922.452 #
15)	L3 AR-1232-5	5.909	5.307	616368	263292	1193.255	856.630 #
16)	L4 AR-1242-1	5.619	4.825	625156	208985	315.123	263.013
17)	L4 AR-1242-2	5.640	4.843	826696	255597	277.947	219.999
18)	L4 AR-1242-3	5.705	5.031	563019	179787	304.227	293.687
19)	L4 AR-1242-4	5.809	5.126	459213	257481	318.076	420.660 #
20)	L4 AR-1242-5	6.581	5.680	232275	115809	150.342	148.097
21)	L5 AR-1248-1	5.619	4.825	625156	208985	395.792	328.244
22)	L5 AR-1248-2	5.909	5.084	616368	243043	278.614	246.199
23)	L5 AR-1248-3	6.120	5.126	719567	257481	277.493	259.354
24)	L5 AR-1248-4	6.542	5.307	275944	263292	99.560	224.231 #
25)	L5 AR-1248-5	6.581	5.722	232275	37049	85.018	34.408 #
26)	L6 AR-1254-1	6.512	5.680	369915	115809	137.334	69.706 #
27)	L6 AR-1254-2	6.740	5.838	168493	29055	40.171	19.716 #
28)	L6 AR-1254-3	7.114	6.250	85940	16959	19.297	7.625 #
29)	L6 AR-1254-4	7.407	0.000	28621	0	9.302	N.D. #
30)	L6 AR-1254-5	7.830	6.910	47922	27517	14.681	13.819
31)	L7 AR-1260-1	7.277	0.000	32691	0	9.812	N.D. #
32)	L7 AR-1260-2	7.543	6.582	58453	16645	15.039	8.590 #
34)	L7 AR-1260-4	8.124	0.000	27047	0	8.260	N.D. #
35)	L7 AR-1260-5	8.443	7.455	53651	18591	8.378	5.250 #
36)	L8 AR-1262-1	0.000	6.910	0	27517	N.D.	26.396 #
37)	L8 AR-1262-2	8.443	7.455	53651	18591	8.057	5.268 #
38)	L8 AR-1262-3	8.734	0.000	21484	0	4.703	N.D. #
39)	L8 AR-1262-4	8.777f	0.000	49592	0	13.323	N.D. #
40)	L8 AR-1262-5	9.342	0.000	16854	0	6.956	N.D. #
41)	L9 AR-1268-1	8.734	0.000	21484	0	2.653	N.D. #
42)	L9 AR-1268-2	8.777f	0.000	49592	0	6.632	N.D. #

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 ALS Vial : 11 Sample Multiplier: 1

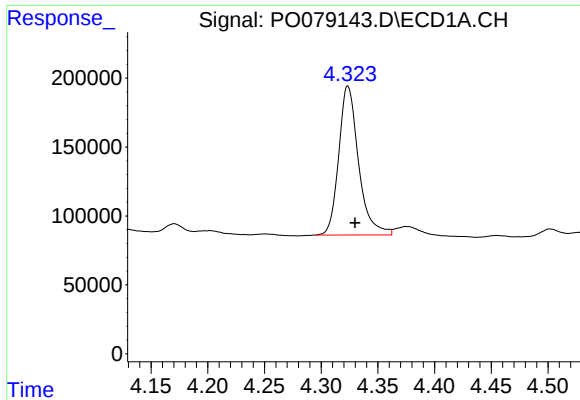
Instrument :
 ECD_O
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
43)	L9 AR-1268-3	8.975	0.000	24108	0	3.771	N.D.	#
44)	L9 AR-1268-4	9.342	0.000	16854	0	6.548	N.D.	#
45)	L9 AR-1268-5	9.661	0.000	34450	0	1.719	N.D.	#

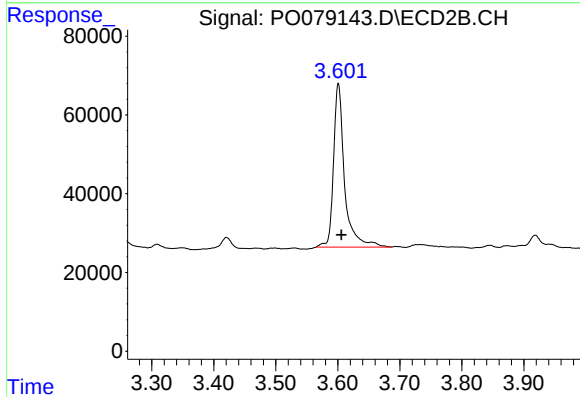
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

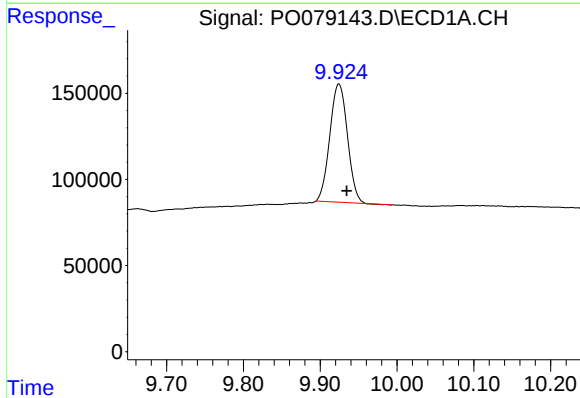
R.T.: 4.324 min
Delta R.T.: -0.006 min
Response: 1314942
Conc: 16.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



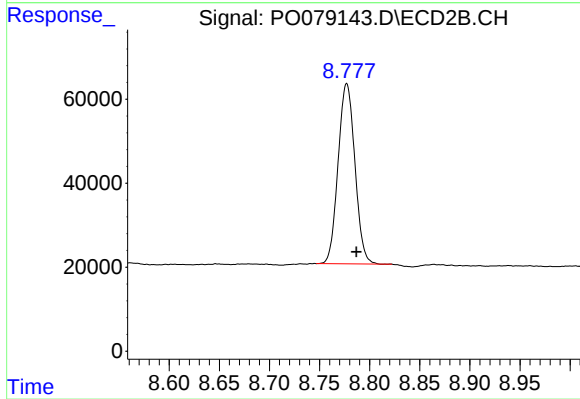
#1 Tetrachloro-m-xylene

R.T.: 3.601 min
Delta R.T.: -0.005 min
Response: 513221
Conc: 17.27 ng/ml



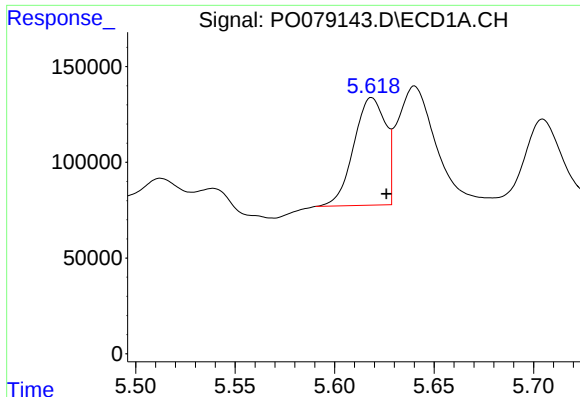
#2 Decachlorobiphenyl

R.T.: 9.924 min
Delta R.T.: -0.010 min
Response: 1083814
Conc: 17.35 ng/ml



#2 Decachlorobiphenyl

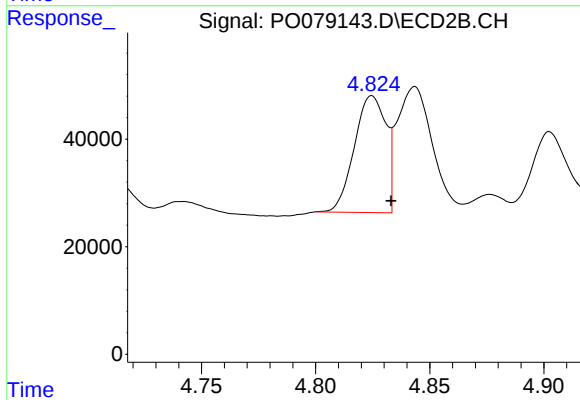
R.T.: 8.777 min
Delta R.T.: -0.010 min
Response: 500510
Conc: 16.80 ng/ml



#3 AR-1016-1

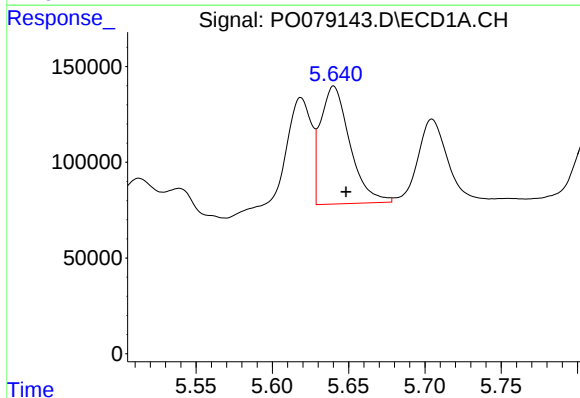
R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 625156
Conc: 233.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



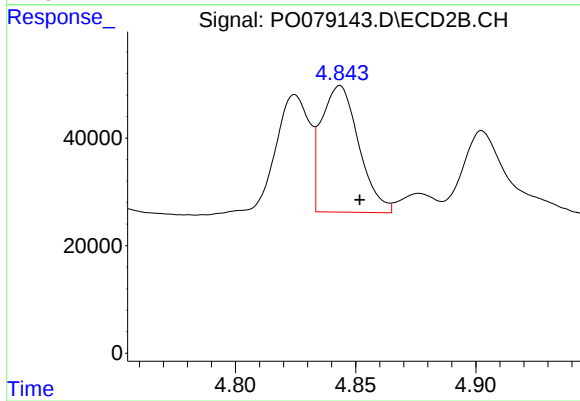
#3 AR-1016-1

R.T.: 4.825 min
Delta R.T.: -0.008 min
Response: 208985
Conc: 194.59 ng/ml



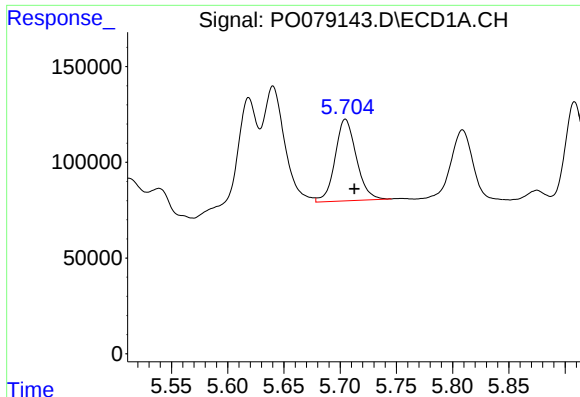
#4 AR-1016-2

R.T.: 5.640 min
Delta R.T.: -0.008 min
Response: 826696
Conc: 202.24 ng/ml



#4 AR-1016-2

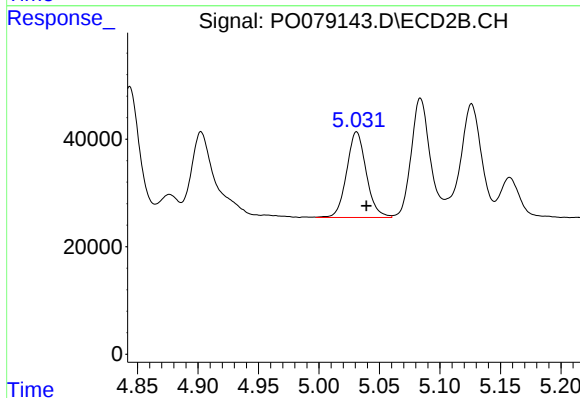
R.T.: 4.843 min
Delta R.T.: -0.008 min
Response: 255597
Conc: 159.53 ng/ml



#5 AR-1016-3

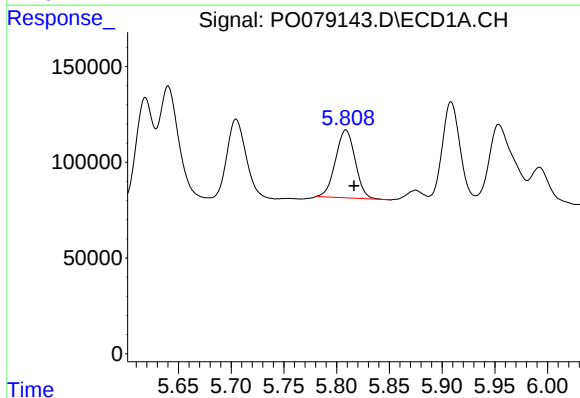
R.T.: 5.705 min
Delta R.T.: -0.008 min
Response: 563019
Conc: 224.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



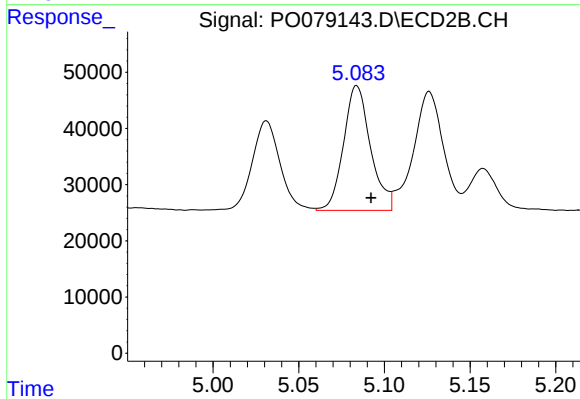
#5 AR-1016-3

R.T.: 5.031 min
Delta R.T.: -0.008 min
Response: 179787
Conc: 216.47 ng/ml



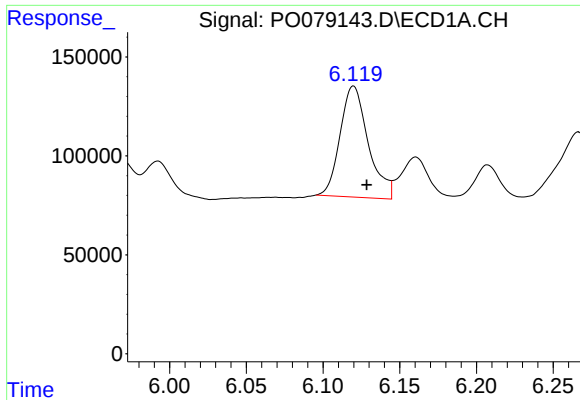
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: -0.008 min
Response: 459213
Conc: 234.99 ng/ml



#6 AR-1016-4

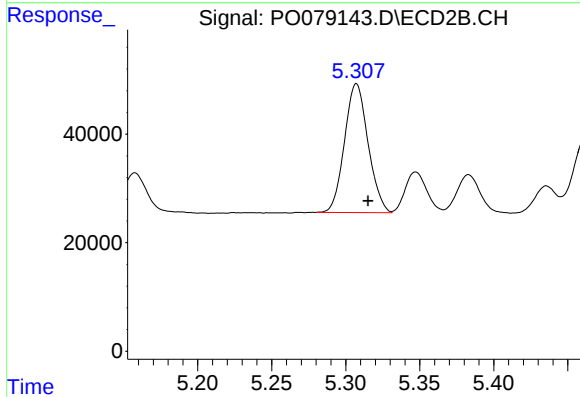
R.T.: 5.084 min
Delta R.T.: -0.008 min
Response: 243043
Conc: 328.85 ng/ml



#7 AR-1016-5

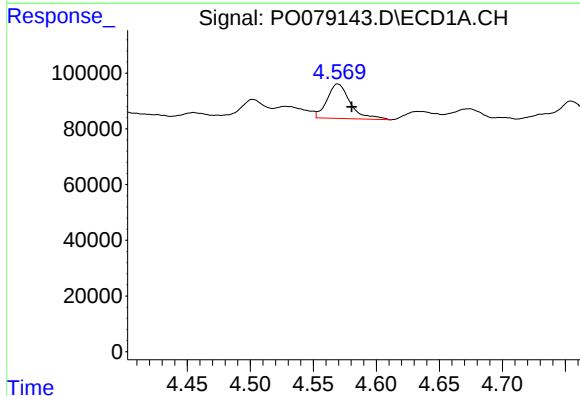
R.T.: 6.120 min
Delta R.T.: -0.009 min
Response: 719567
Conc: 362.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



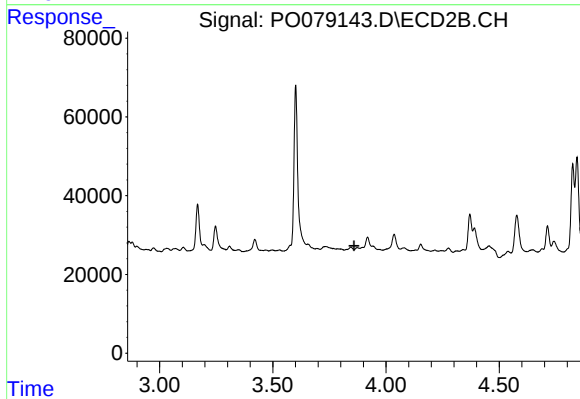
#7 AR-1016-5

R.T.: 5.307 min
Delta R.T.: -0.008 min
Response: 263292
Conc: 291.60 ng/ml



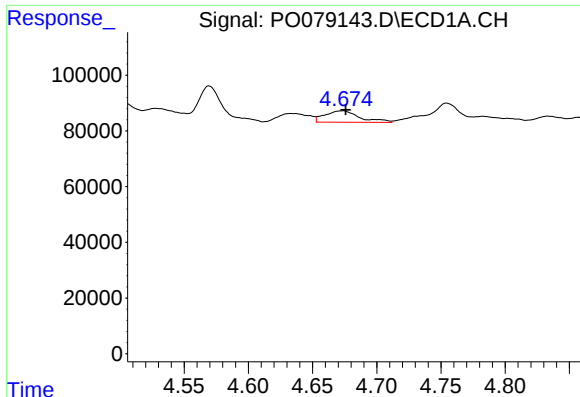
#8 AR-1221-1

R.T.: 4.570 min
Delta R.T.: -0.011 min
Response: 158625
Conc: 190.80 ng/ml



#8 AR-1221-1

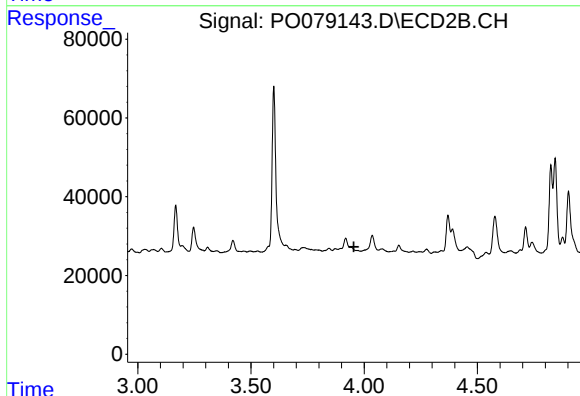
R.T.: 0.000 min
Exp R.T.: 3.858 min
Response: 0
Conc: N.D.



#9 AR-1221-2

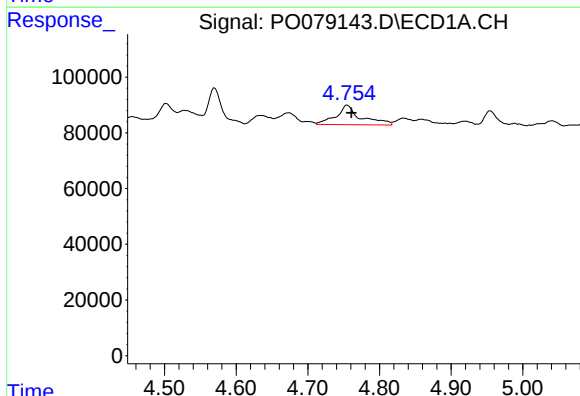
R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 77052
Conc: 126.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



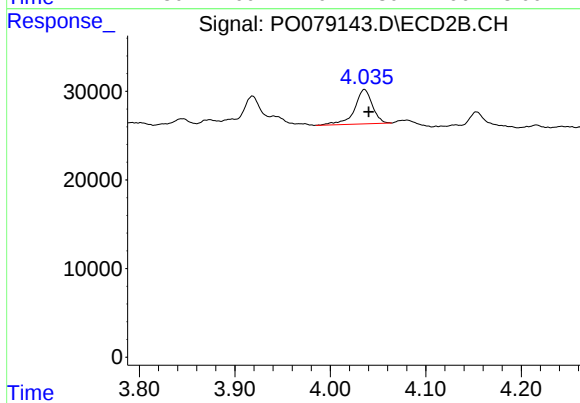
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.955 min
Response: 0
Conc: N.D.



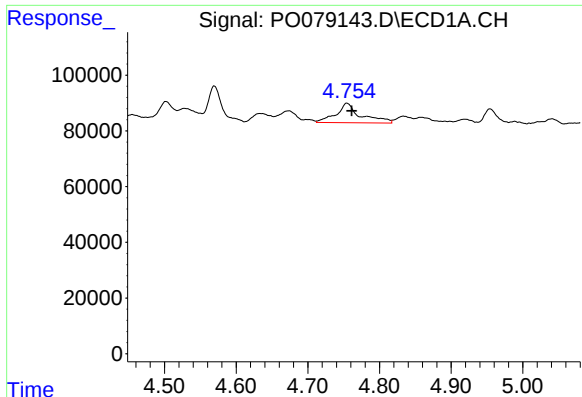
#10 AR-1221-3

R.T.: 4.755 min
Delta R.T.: -0.006 min
Response: 168969
Conc: 86.75 ng/ml



#10 AR-1221-3

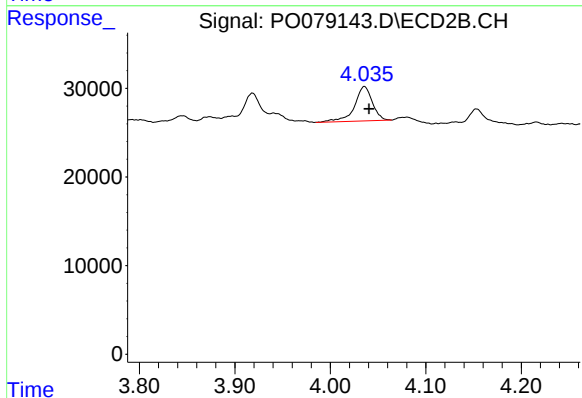
R.T.: 4.036 min
Delta R.T.: -0.005 min
Response: 50735
Conc: 63.90 ng/ml



#11 AR-1232-1

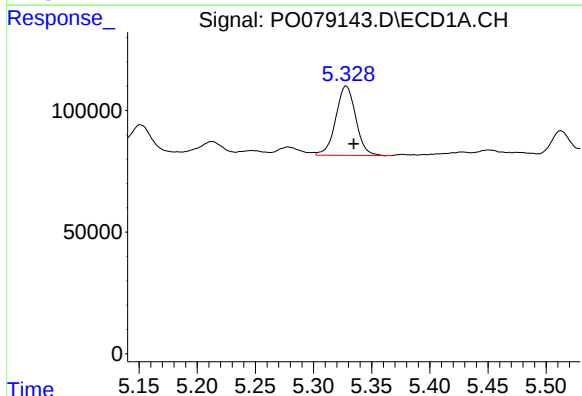
R.T.: 4.755 min
Delta R.T.: -0.006 min
Response: 168969
Conc: 105.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



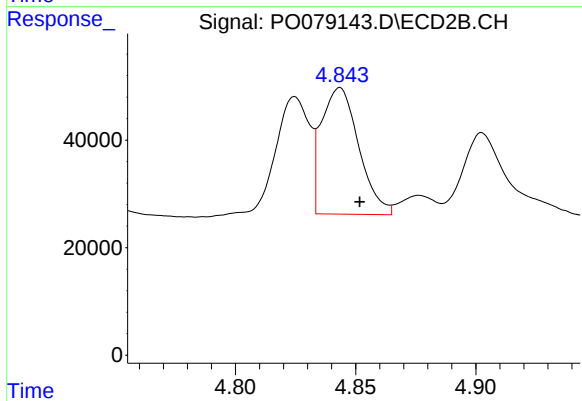
#11 AR-1232-1

R.T.: 4.036 min
Delta R.T.: -0.005 min
Response: 50735
Conc: 81.37 ng/ml



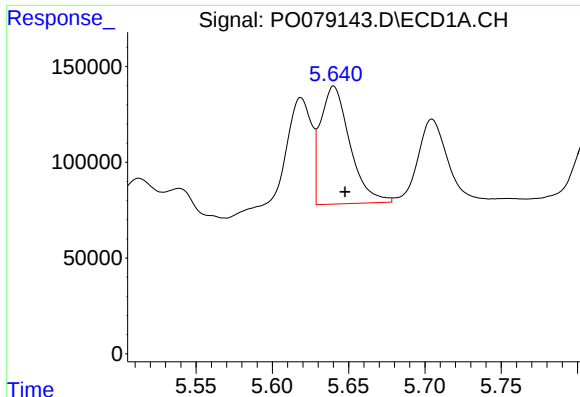
#12 AR-1232-2

R.T.: 5.328 min
Delta R.T.: -0.007 min
Response: 340459
Conc: 423.86 ng/ml



#12 AR-1232-2

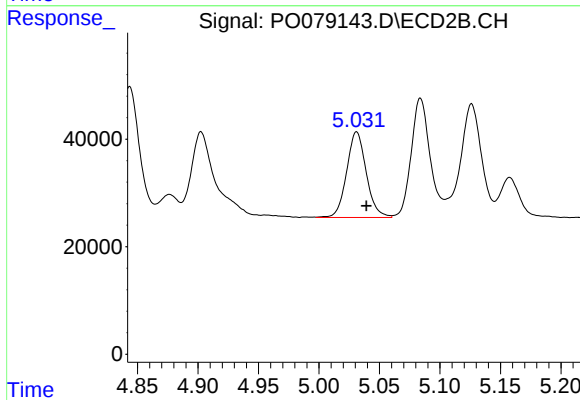
R.T.: 4.843 min
Delta R.T.: -0.008 min
Response: 255597
Conc: 416.58 ng/ml



#13 AR-1232-3

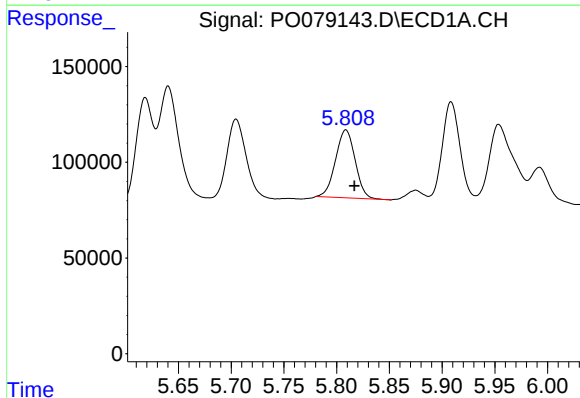
R.T.: 5.640 min
Delta R.T.: -0.007 min
Response: 826696
Conc: 540.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



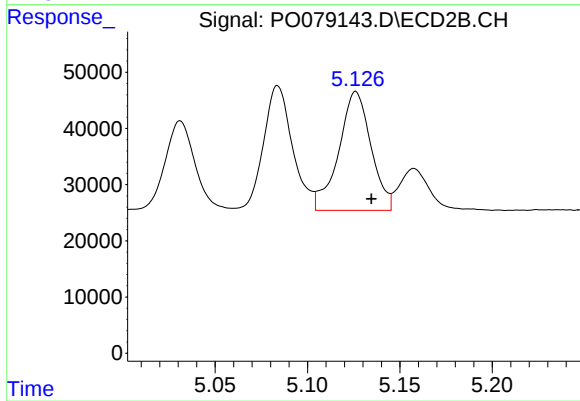
#13 AR-1232-3

R.T.: 5.031 min
Delta R.T.: -0.008 min
Response: 179787
Conc: 605.17 ng/ml



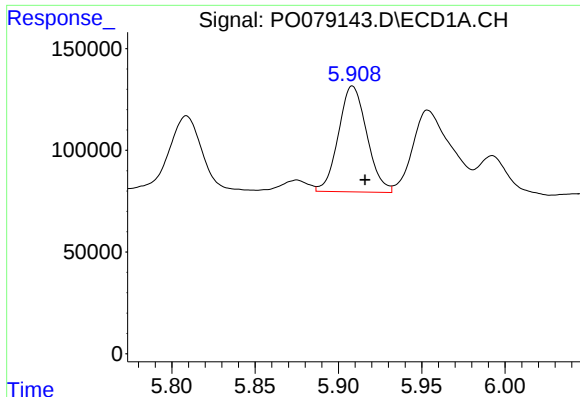
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: -0.008 min
Response: 459213
Conc: 621.02 ng/ml



#14 AR-1232-4

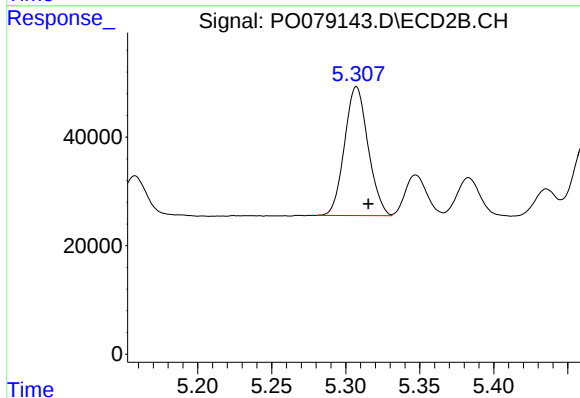
R.T.: 5.126 min
Delta R.T.: -0.008 min
Response: 257481
Conc: 922.45 ng/ml



#15 AR-1232-5

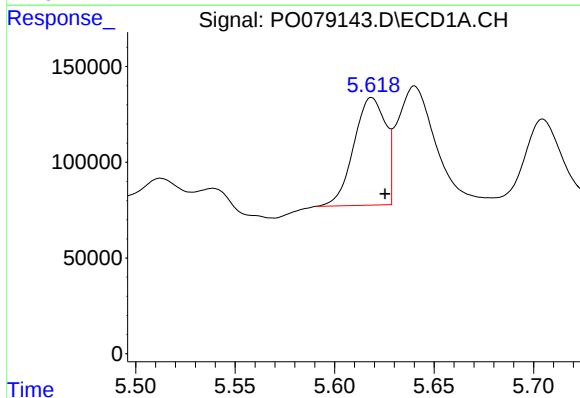
R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 616368
Conc: 1193.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
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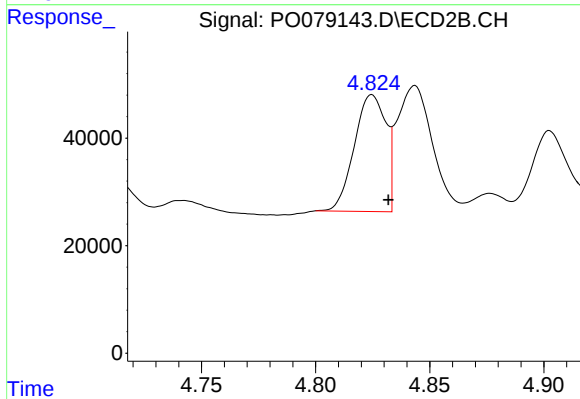
#15 AR-1232-5

R.T.: 5.307 min
Delta R.T.: -0.008 min
Response: 263292
Conc: 856.63 ng/ml



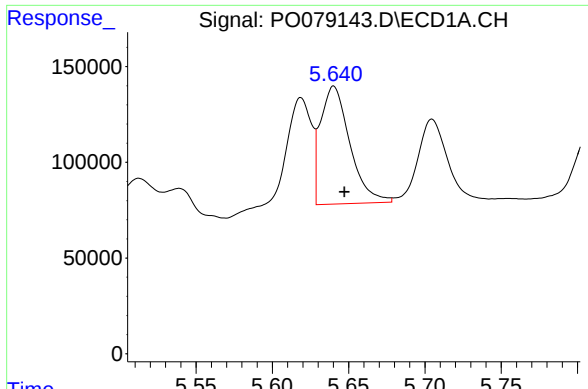
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: -0.006 min
Response: 625156
Conc: 315.12 ng/ml



#16 AR-1242-1

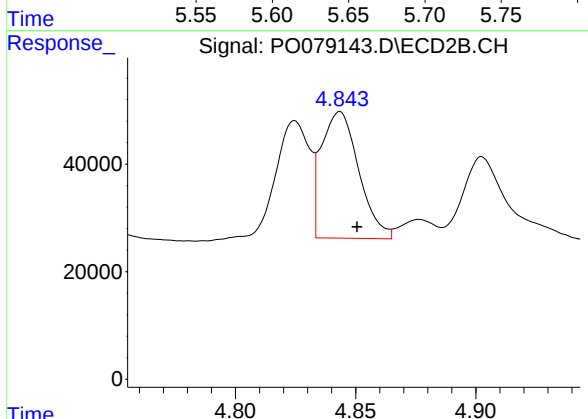
R.T.: 4.825 min
Delta R.T.: -0.007 min
Response: 208985
Conc: 263.01 ng/ml



#17 AR-1242-2

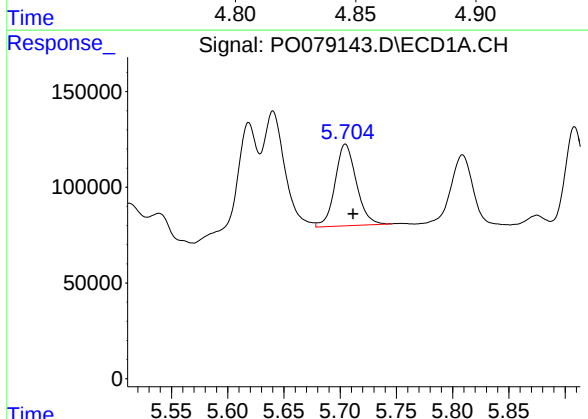
R.T.: 5.640 min
Delta R.T.: -0.007 min
Response: 826696
Conc: 277.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
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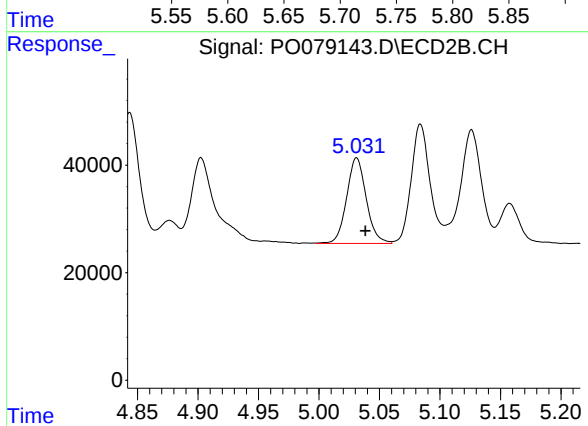
#17 AR-1242-2

R.T.: 4.843 min
Delta R.T.: -0.007 min
Response: 255597
Conc: 220.00 ng/ml



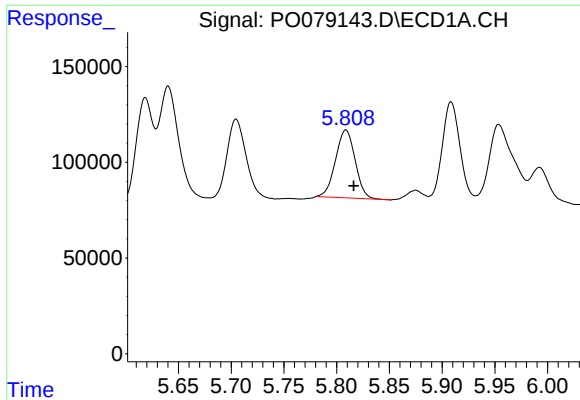
#18 AR-1242-3

R.T.: 5.705 min
Delta R.T.: -0.007 min
Response: 563019
Conc: 304.23 ng/ml



#18 AR-1242-3

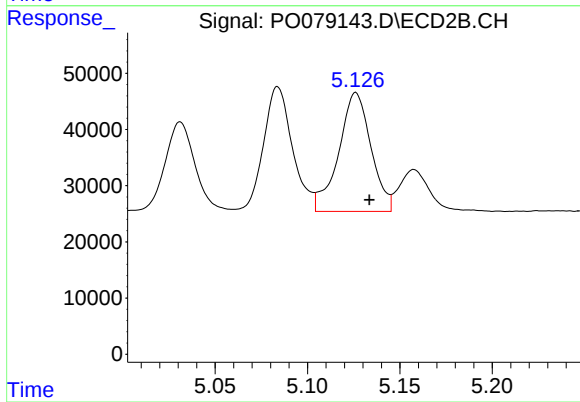
R.T.: 5.031 min
Delta R.T.: -0.007 min
Response: 179787
Conc: 293.69 ng/ml



#19 AR-1242-4

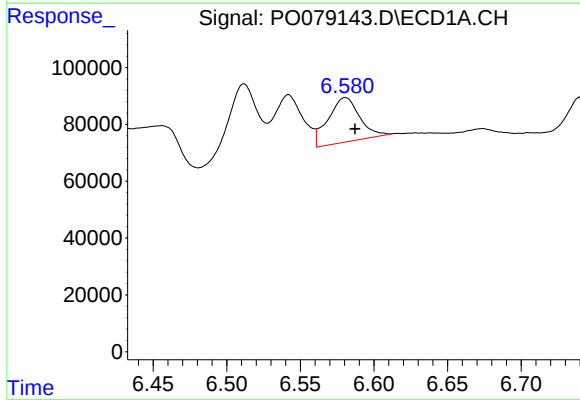
R.T.: 5.809 min
Delta R.T.: -0.007 min
Response: 459213
Conc: 318.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



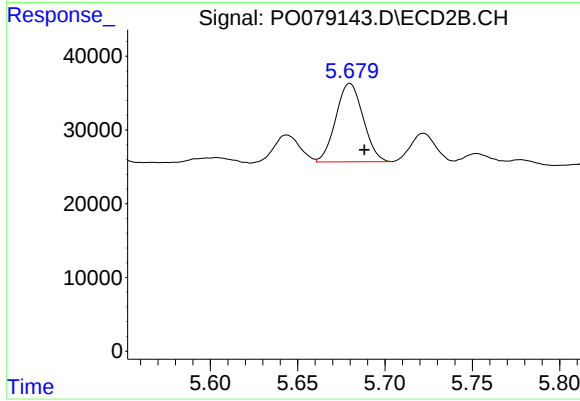
#19 AR-1242-4

R.T.: 5.126 min
Delta R.T.: -0.007 min
Response: 257481
Conc: 420.66 ng/ml



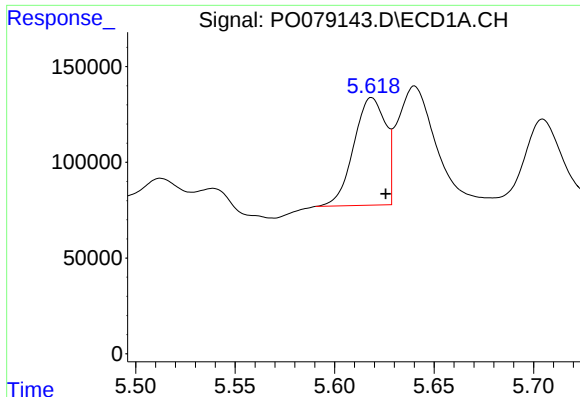
#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: -0.007 min
Response: 232275
Conc: 150.34 ng/ml



#20 AR-1242-5

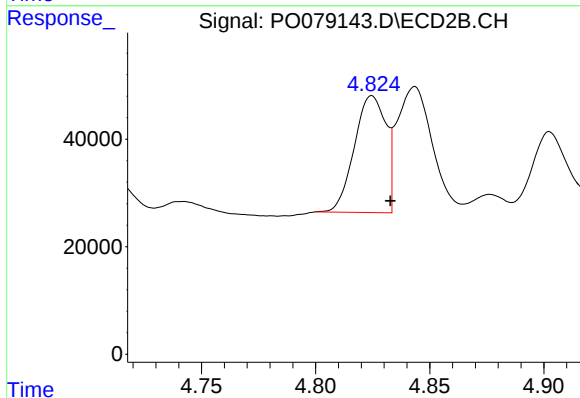
R.T.: 5.680 min
Delta R.T.: -0.008 min
Response: 115809
Conc: 148.10 ng/ml



#21 AR-1248-1

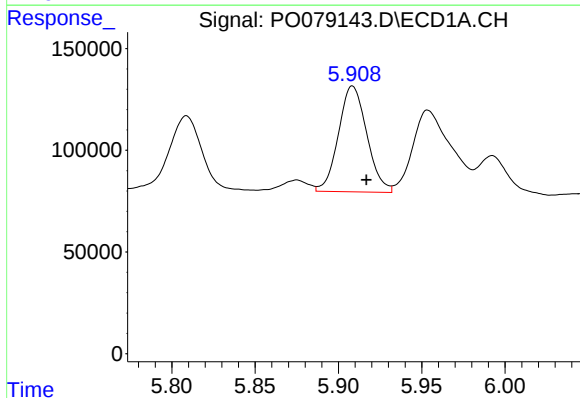
R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 625156
Conc: 395.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



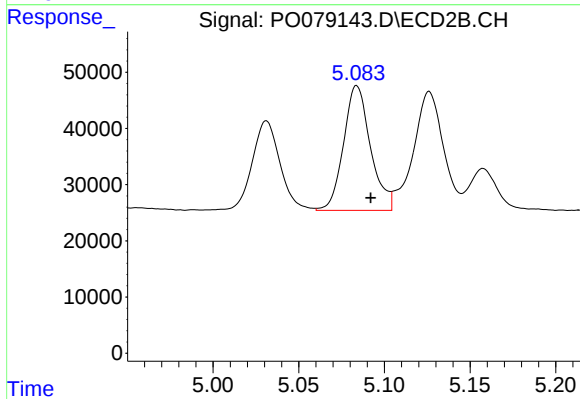
#21 AR-1248-1

R.T.: 4.825 min
Delta R.T.: -0.008 min
Response: 208985
Conc: 328.24 ng/ml



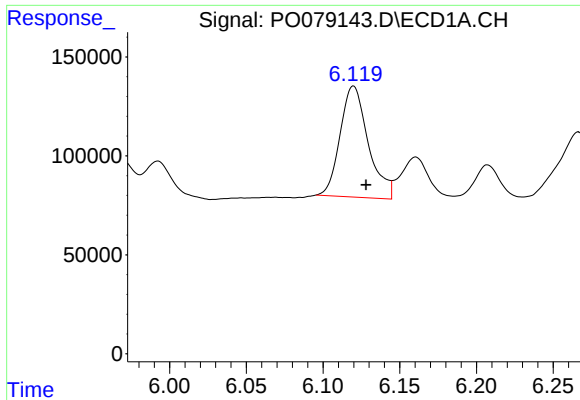
#22 AR-1248-2

R.T.: 5.909 min
Delta R.T.: -0.008 min
Response: 616368
Conc: 278.61 ng/ml



#22 AR-1248-2

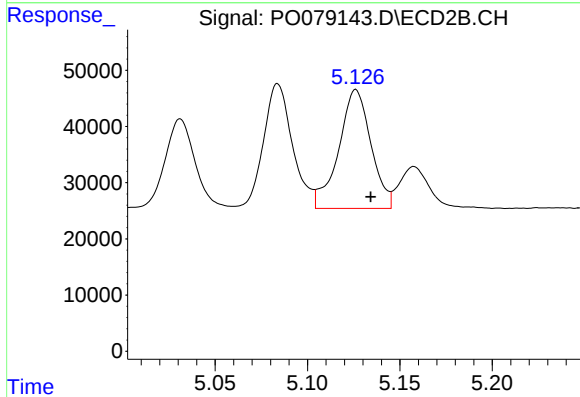
R.T.: 5.084 min
Delta R.T.: -0.008 min
Response: 243043
Conc: 246.20 ng/ml



#23 AR-1248-3

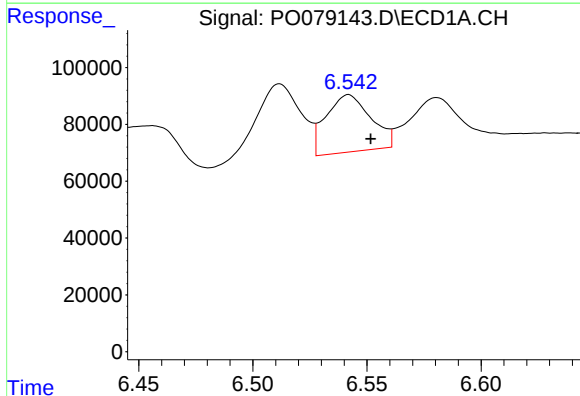
R.T.: 6.120 min
Delta R.T.: -0.008 min
Response: 719567
Conc: 277.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



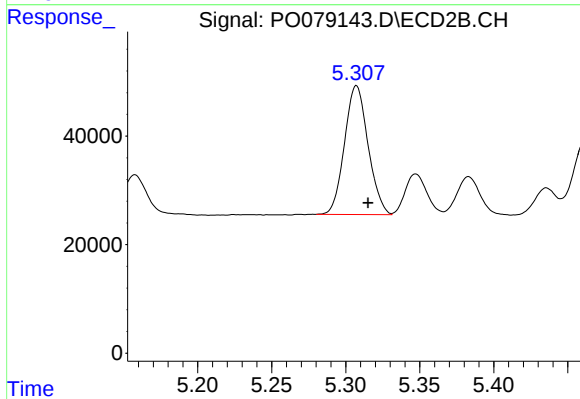
#23 AR-1248-3

R.T.: 5.126 min
Delta R.T.: -0.008 min
Response: 257481
Conc: 259.35 ng/ml



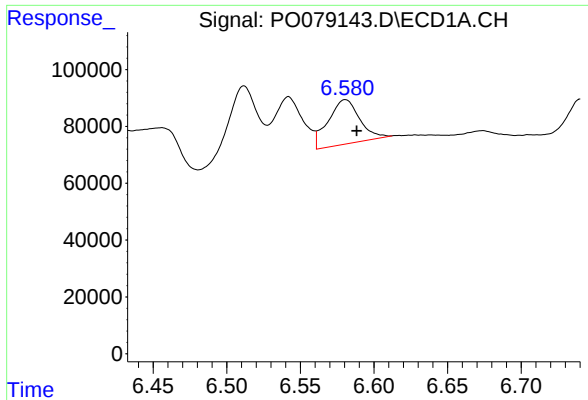
#24 AR-1248-4

R.T.: 6.542 min
Delta R.T.: -0.010 min
Response: 275944
Conc: 99.56 ng/ml



#24 AR-1248-4

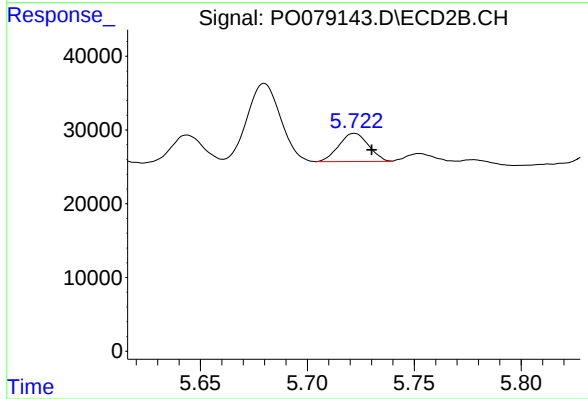
R.T.: 5.307 min
Delta R.T.: -0.008 min
Response: 263292
Conc: 224.23 ng/ml



#25 AR-1248-5

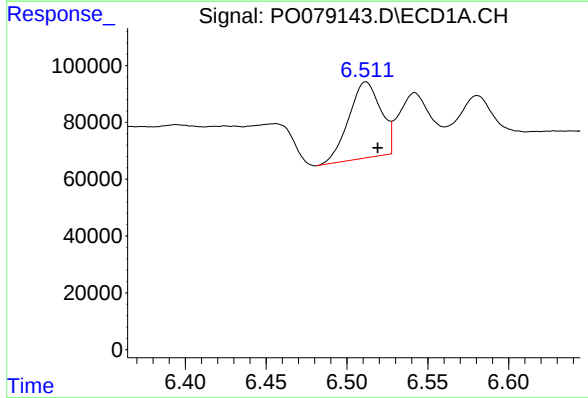
R.T.: 6.581 min
Delta R.T.: -0.008 min
Response: 232275
Conc: 85.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



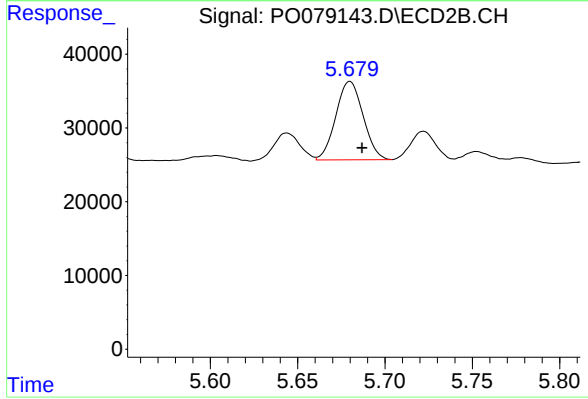
#25 AR-1248-5

R.T.: 5.722 min
Delta R.T.: -0.008 min
Response: 37049
Conc: 34.41 ng/ml



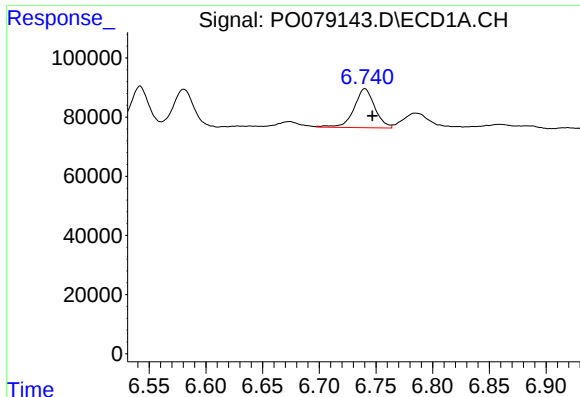
#26 AR-1254-1

R.T.: 6.512 min
Delta R.T.: -0.007 min
Response: 369915
Conc: 137.33 ng/ml



#26 AR-1254-1

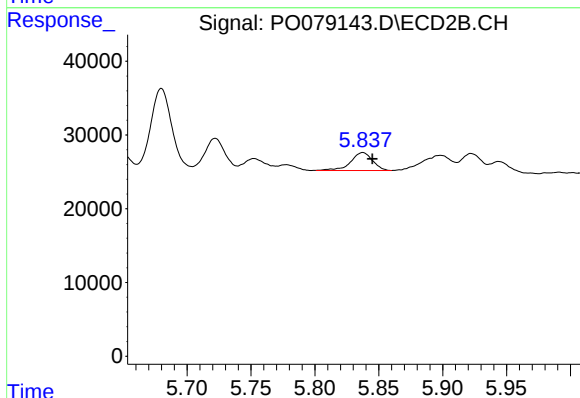
R.T.: 5.680 min
Delta R.T.: -0.007 min
Response: 115809
Conc: 69.71 ng/ml



#27 AR-1254-2

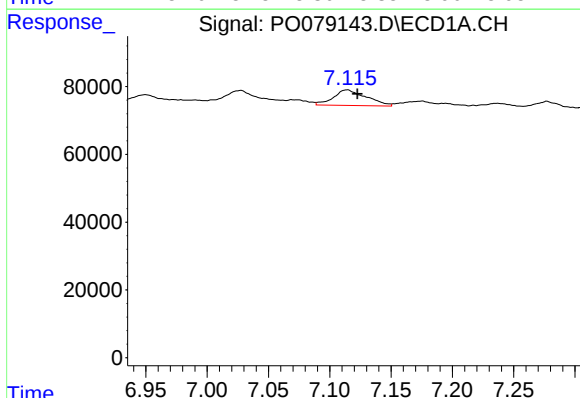
R.T.: 6.740 min
Delta R.T.: -0.007 min
Response: 168493
Conc: 40.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



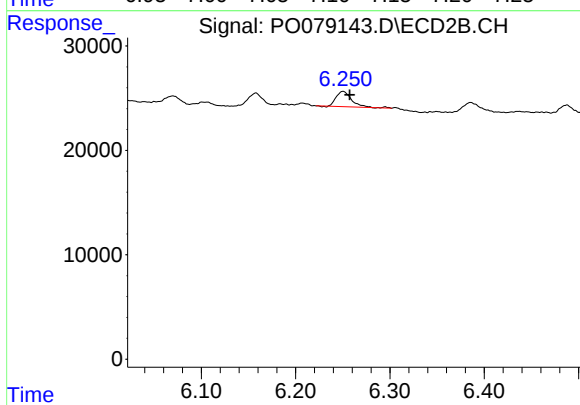
#27 AR-1254-2

R.T.: 5.838 min
Delta R.T.: -0.007 min
Response: 29055
Conc: 19.72 ng/ml



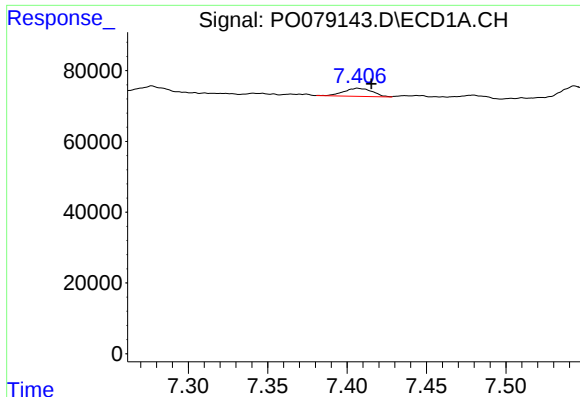
#28 AR-1254-3

R.T.: 7.114 min
Delta R.T.: -0.008 min
Response: 85940
Conc: 19.30 ng/ml



#28 AR-1254-3

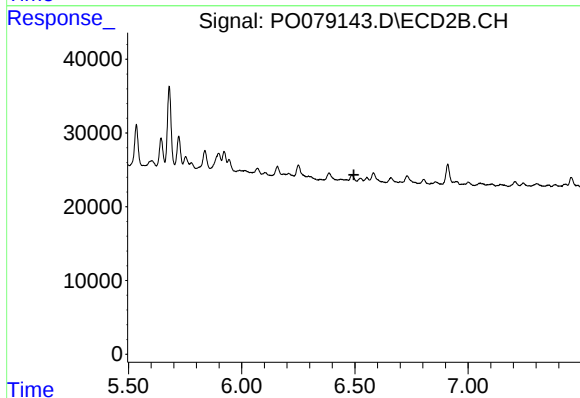
R.T.: 6.250 min
Delta R.T.: -0.007 min
Response: 16959
Conc: 7.62 ng/ml



#29 AR-1254-4

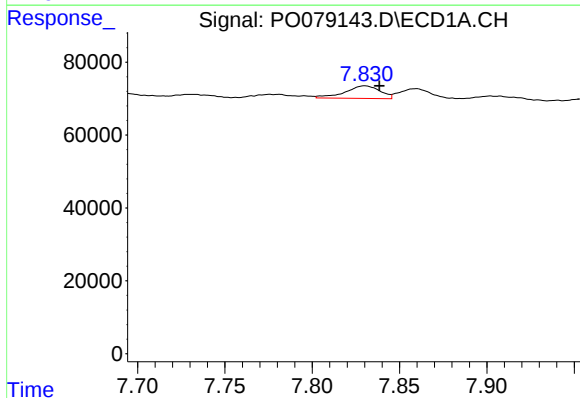
R.T.: 7.407 min
Delta R.T.: -0.008 min
Response: 28621
Conc: 9.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



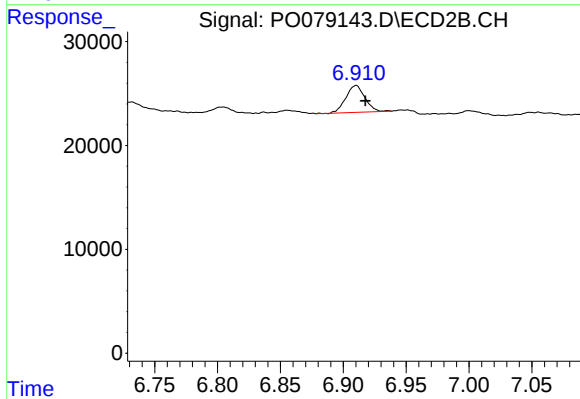
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.495 min
Response: 0
Conc: N.D.



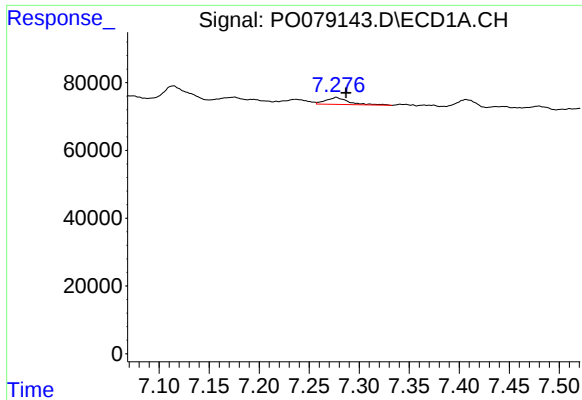
#30 AR-1254-5

R.T.: 7.830 min
Delta R.T.: -0.008 min
Response: 47922
Conc: 14.68 ng/ml



#30 AR-1254-5

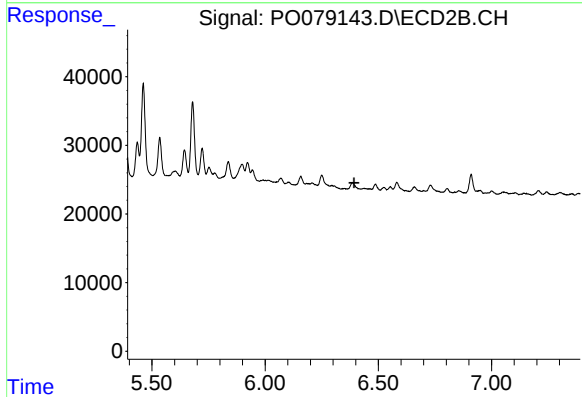
R.T.: 6.910 min
Delta R.T.: -0.008 min
Response: 27517
Conc: 13.82 ng/ml



#31 AR-1260-1

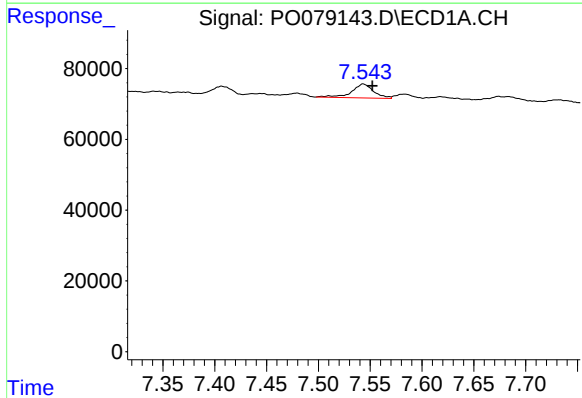
R.T.: 7.277 min
Delta R.T.: -0.010 min
Response: 32691
Conc: 9.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



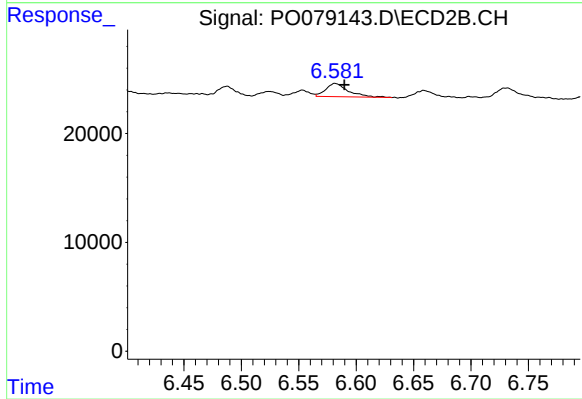
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.393 min
Response: 0
Conc: N.D.



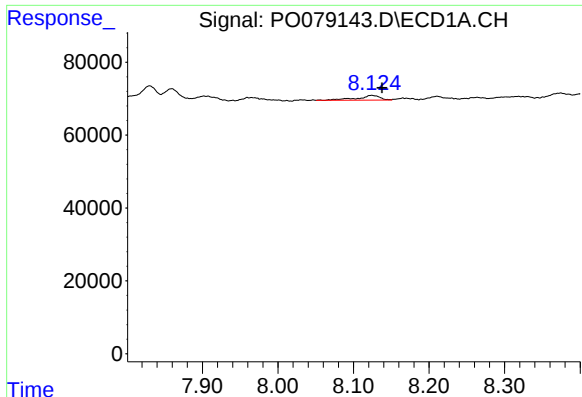
#32 AR-1260-2

R.T.: 7.543 min
Delta R.T.: -0.009 min
Response: 58453
Conc: 15.04 ng/ml



#32 AR-1260-2

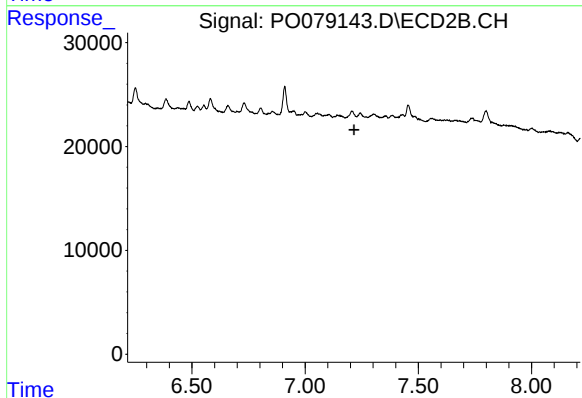
R.T.: 6.582 min
Delta R.T.: -0.008 min
Response: 16645
Conc: 8.59 ng/ml



#34 AR-1260-4

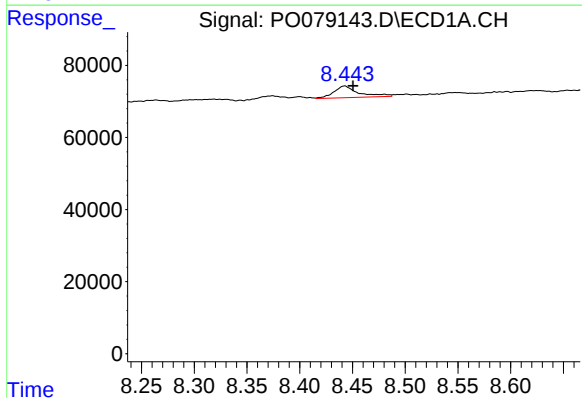
R.T.: 8.124 min
Delta R.T.: -0.013 min
Response: 27047
Conc: 8.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



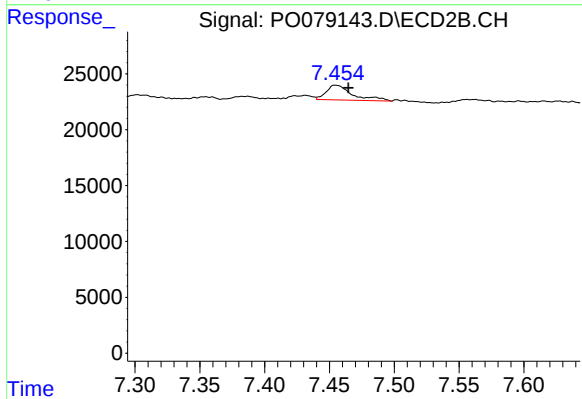
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.216 min
Response: 0
Conc: N.D.



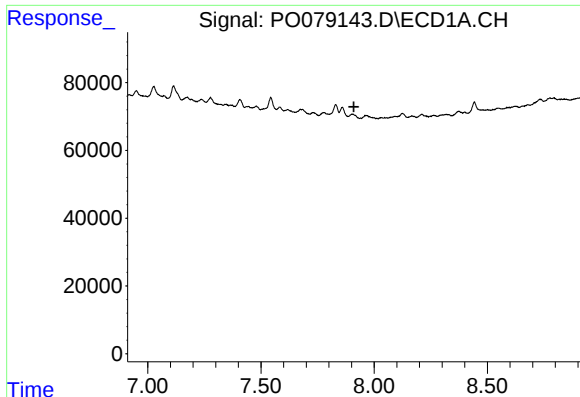
#35 AR-1260-5

R.T.: 8.443 min
Delta R.T.: -0.008 min
Response: 53651
Conc: 8.38 ng/ml



#35 AR-1260-5

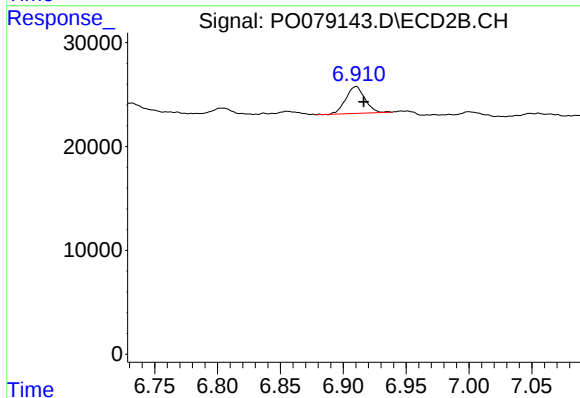
R.T.: 7.455 min
Delta R.T.: -0.010 min
Response: 18591
Conc: 5.25 ng/ml



#36 AR-1262-1

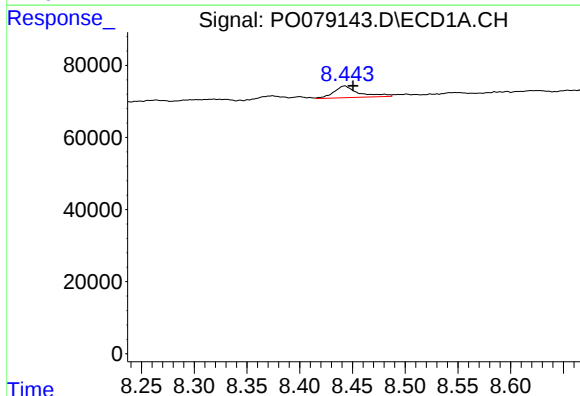
R.T.: 0.000 min
Exp R.T.: 7.911 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
41871



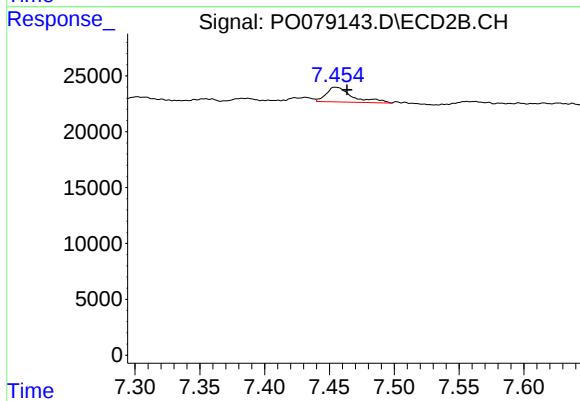
#36 AR-1262-1

R.T.: 6.910 min
Delta R.T.: -0.006 min
Response: 27517
Conc: 26.40 ng/ml



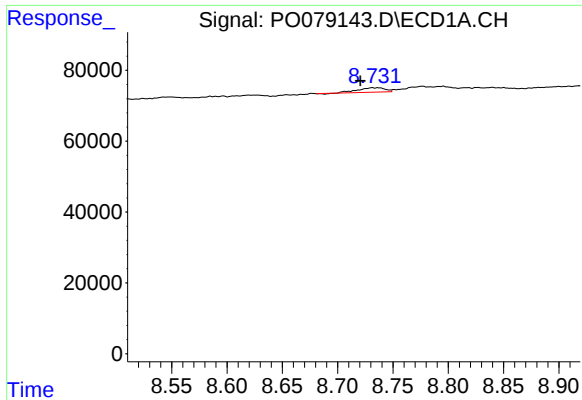
#37 AR-1262-2

R.T.: 8.443 min
Delta R.T.: -0.008 min
Response: 53651
Conc: 8.06 ng/ml



#37 AR-1262-2

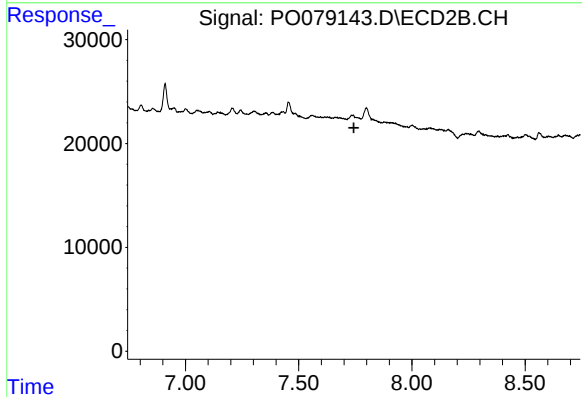
R.T.: 7.455 min
Delta R.T.: -0.009 min
Response: 18591
Conc: 5.27 ng/ml



#38 AR-1262-3

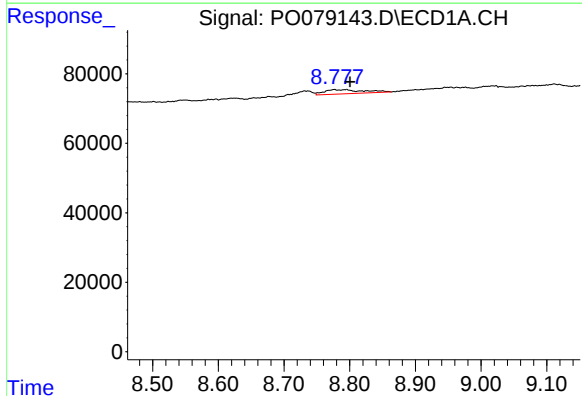
R.T.: 8.734 min
Delta R.T.: 0.014 min
Response: 21484
Conc: 4.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



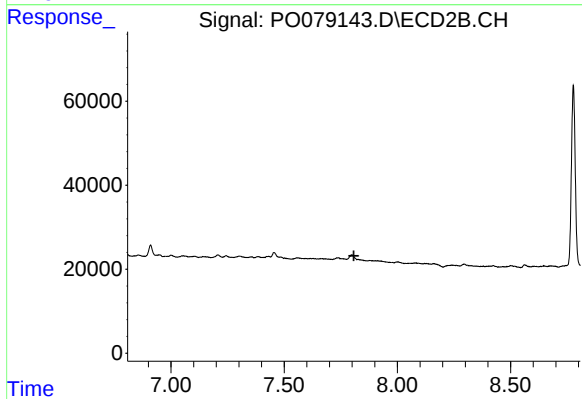
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.744 min
Response: 0
Conc: N.D.



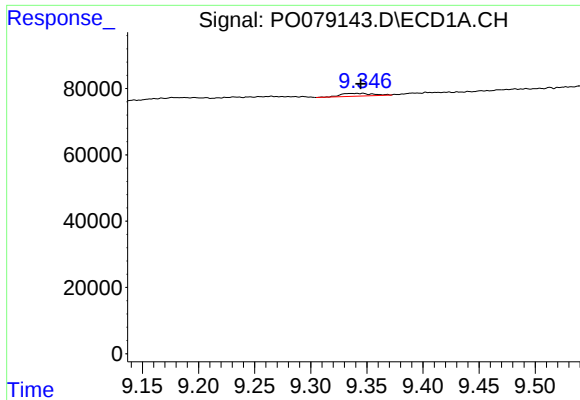
#39 AR-1262-4

R.T.: 8.777 min
Delta R.T.: -0.024 min
Response: 49592
Conc: 13.32 ng/ml



#39 AR-1262-4

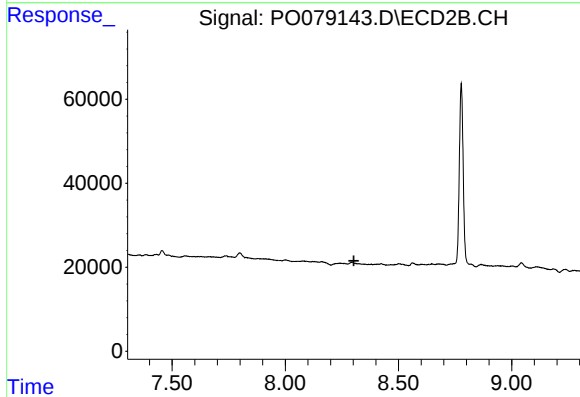
R.T.: 0.000 min
Exp R.T. : 7.808 min
Response: 0
Conc: N.D.



#40 AR-1262-5

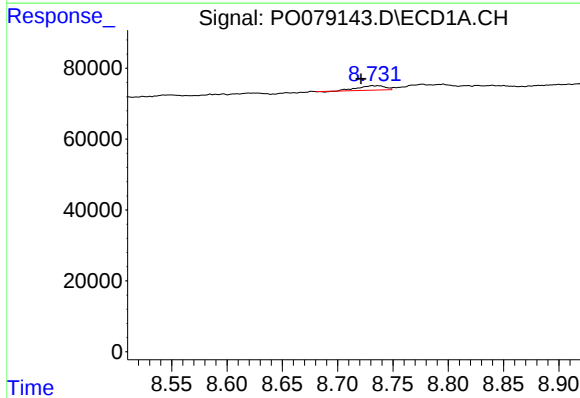
R.T.: 9.342 min
Delta R.T.: -0.003 min
Response: 16854
Conc: 6.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



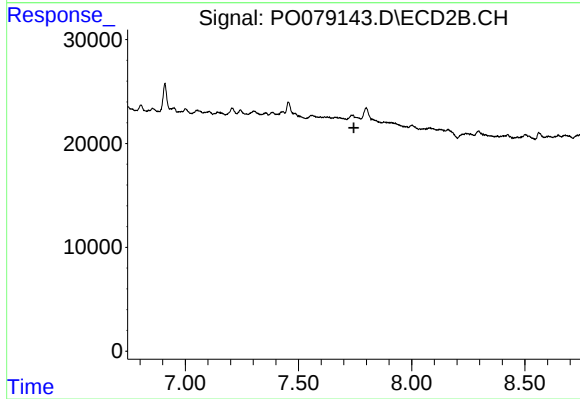
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.303 min
Response: 0
Conc: N.D.



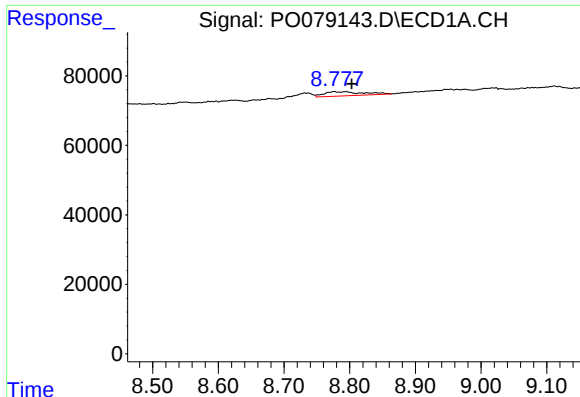
#41 AR-1268-1

R.T.: 8.734 min
Delta R.T.: 0.013 min
Response: 21484
Conc: 2.65 ng/ml



#41 AR-1268-1

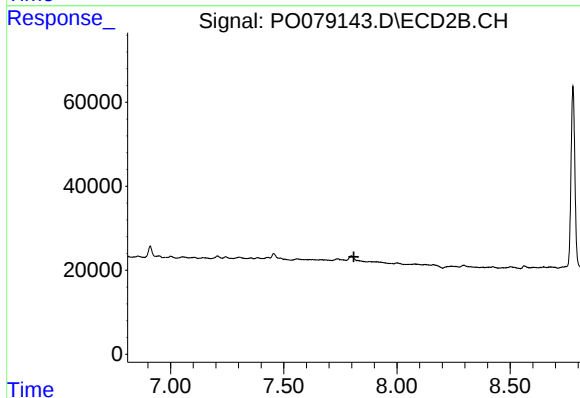
R.T.: 0.000 min
Exp R.T. : 7.744 min
Response: 0
Conc: N.D.



#42 AR-1268-2

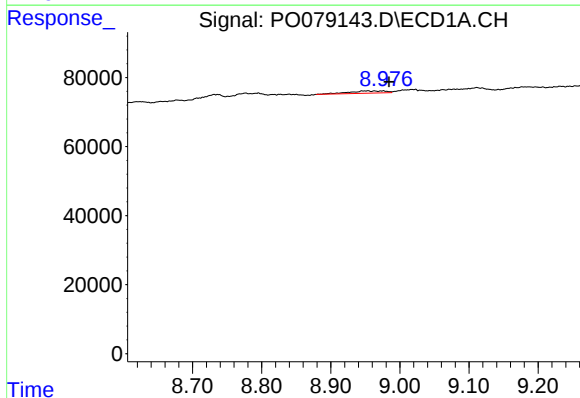
R.T.: 8.777 min
Delta R.T.: -0.026 min
Response: 49592
Conc: 6.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



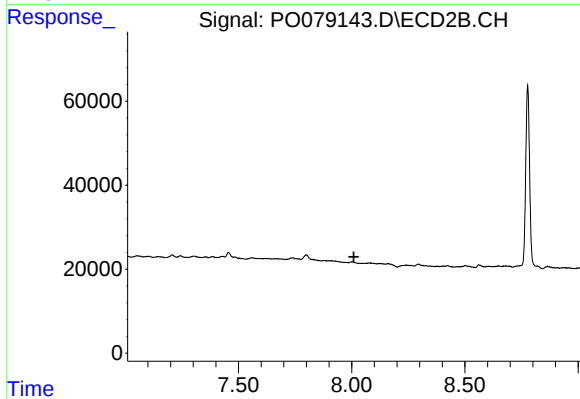
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.810 min
Response: 0
Conc: N.D.



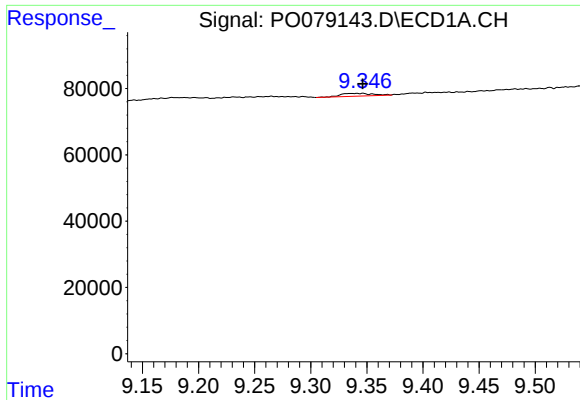
#43 AR-1268-3

R.T.: 8.975 min
Delta R.T.: -0.009 min
Response: 24108
Conc: 3.77 ng/ml



#43 AR-1268-3

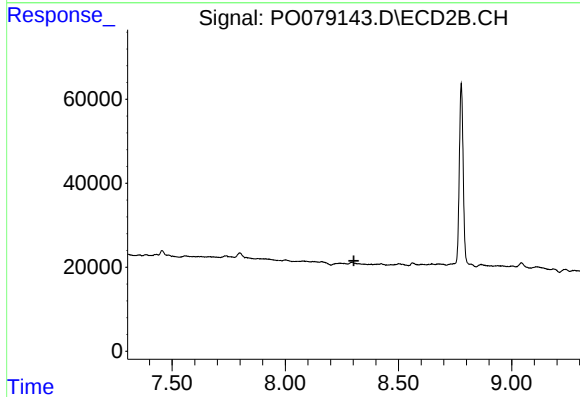
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#44 AR-1268-4

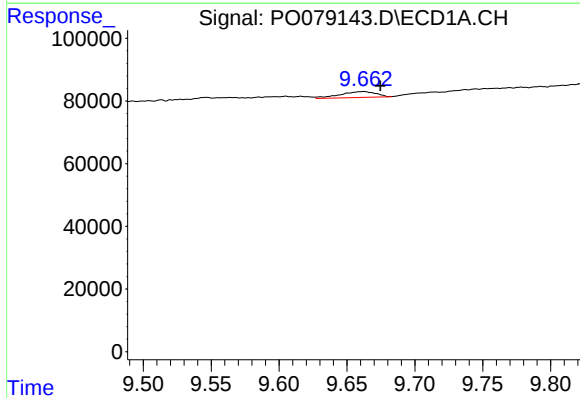
R.T.: 9.342 min
Delta R.T.: -0.005 min
Response: 16854
Conc: 6.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
41871



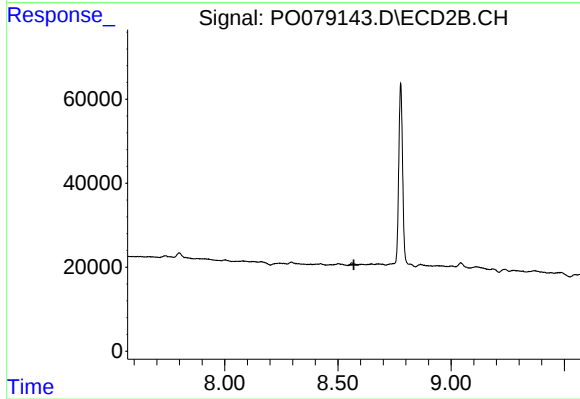
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.303 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.661 min
Delta R.T.: -0.013 min
Response: 34450
Conc: 1.72 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.571 min
Response: 0
Conc: N.D.