

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0061621\
 Data File : P0078829.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Jun 2021 14:36
 Operator : DD\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 15:54:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 14 05:33:30 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...	4.330	3.606	4089145	1576125	48.297	45.529
2)	SA Decachlor...	9.940	8.789	2852575	1412455	48.609	45.428
Target Compounds							
3)	L1 AR-1016-1	5.626	4.832	765951	317967	300.008	281.252
4)	L1 AR-1016-2	5.649	4.851	1003077	353345	257.423	213.308
5)	L1 AR-1016-3	5.713	5.040	545155	218507	231.373	254.480
6)	L1 AR-1016-4	5.816	5.092	565974	465410	299.684	616.315 #
7)	L1 AR-1016-5	6.129	5.315	1262893	544283	704.859	597.411
8)	L2 AR-1221-1	4.575	0.000	21587	0	23.989	N.D. #
9)	L2 AR-1221-2	4.673	3.949	63446	26242	95.624	91.534
10)	L2 AR-1221-3	4.762	4.040	110070	43320	51.649	47.890
11)	L3 AR-1232-1	4.762	4.040	110070	43320	66.117	60.317
12)	L3 AR-1232-2	5.335	4.851	514488	353345	627.799	501.721
13)	L3 AR-1232-3	5.649	5.040	1003077	218507	628.731	625.225
14)	L3 AR-1232-4	5.816	5.134	565974	460087	755.088	1412.232 #
15)	L3 AR-1232-5	5.917	5.315	1082145	544283	2070.821	1550.869 #
16)	L4 AR-1242-1	5.626	4.832	765951	317967	388.818	363.343
17)	L4 AR-1242-2	5.649	4.851	1003077	353345	332.262	273.299
18)	L4 AR-1242-3	5.713	5.040	545155	218507	298.615	321.889
19)	L4 AR-1242-4	5.816	5.134	565974	460087	383.973	659.102 #
20)	L4 AR-1242-5	6.590	5.689	1467291	742734	975.734	830.220
21)	L5 AR-1248-1	5.626	4.832	765951	317967	498.620	469.595
22)	L5 AR-1248-2	5.917	5.092	1082145	465410	518.574	461.439
23)	L5 AR-1248-3	6.129	5.134	1262893	460087	514.517	460.975
24)	L5 AR-1248-4	6.552	5.315	1368201	544283	522.491	460.215
25)	L5 AR-1248-5	6.590	5.731	1467291	516805	580.675	468.801
26)	L6 AR-1254-1	6.521	5.689	1051881	742734	383.739	420.393
27)	L6 AR-1254-2	6.750	5.846	1428560	229976	337.752	141.942 #
28)	L6 AR-1254-3	7.124	6.259	960588	348960	220.631	143.540 #
29)	L6 AR-1254-4	7.418	6.497	568933	228378	184.815	152.523
30)	L6 AR-1254-5	7.840	6.919	135363	74950	39.270	32.650
31)	L7 AR-1260-1	7.289	6.402	182855	170750	58.164	101.621 #
32)	L7 AR-1260-2	7.552	6.590	197894	33073	53.529	16.412 #
33)	L7 AR-1260-3	7.912	6.738	41158	50960	14.512	26.124 #
34)	L7 AR-1260-4	8.132	0.000	55689	0	17.629	N.D. #
35)	L7 AR-1260-5	8.453	7.466	28707	17682	4.704	4.806
36)	L8 AR-1262-1	7.912	6.919	41158	74950	9.936	62.974 #
37)	L8 AR-1262-2	8.453	7.466	28707	17682	4.155	4.476
38)	L8 AR-1262-3	8.723	0.000	12866	0	2.719	N.D. #
39)	L8 AR-1262-4	8.787	0.000	16814	0	4.647	N.D. #
40)	L8 AR-1262-5	9.352	0.000	25195	0	10.311	N.D. #
41)	L9 AR-1268-1	8.723	0.000	12866	0	1.636	N.D. #

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 Acq On : 16 Jun 2021 14:36
 Operator : DD\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

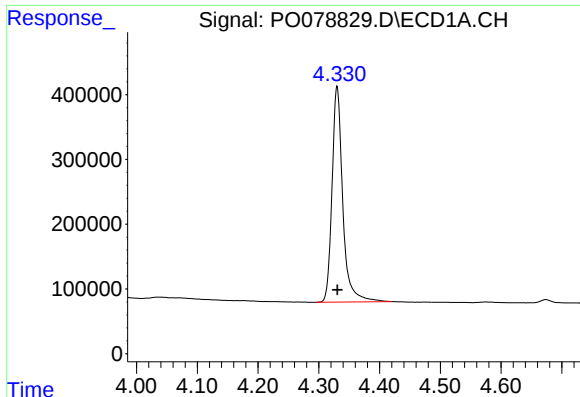
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 15:54:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061321.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	
42) L9	AR-1268-2	8.787f	0.000	16814	0	2.329	N.D.	#
44) L9	AR-1268-4	9.352	0.000	25195	0	9.789	N.D.	#
45) L9	AR-1268-5	9.680	0.000	28457	0	1.444	N.D.	#

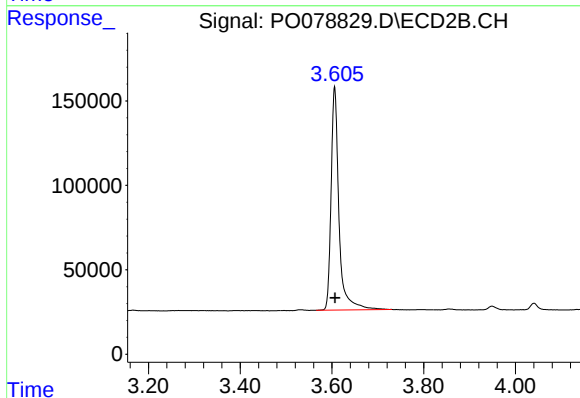
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

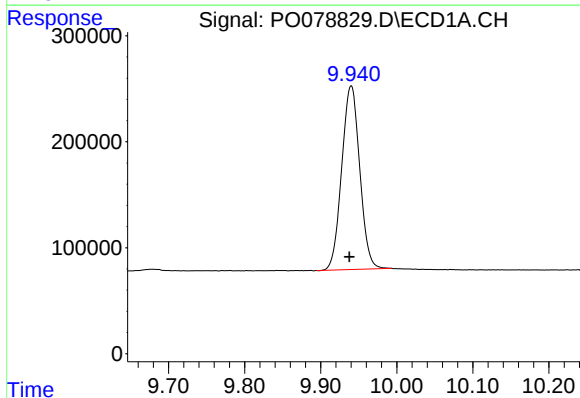
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 4089145
Conc: 48.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



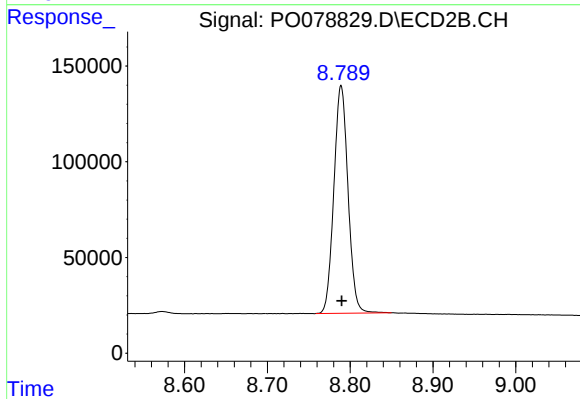
#1 Tetrachloro-m-xylene

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 1576125
Conc: 45.53 ng/ml



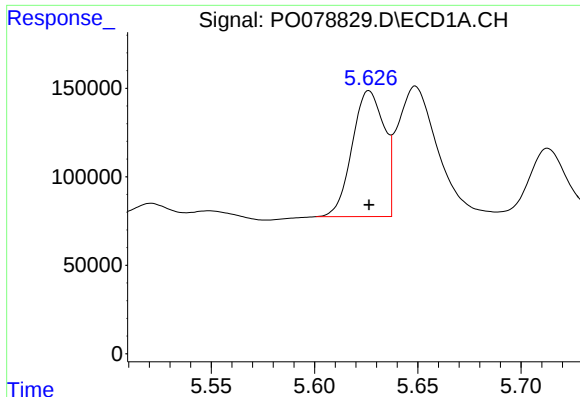
#2 Decachlorobiphenyl

R.T.: 9.940 min
Delta R.T.: 0.002 min
Response: 2852575
Conc: 48.61 ng/ml



#2 Decachlorobiphenyl

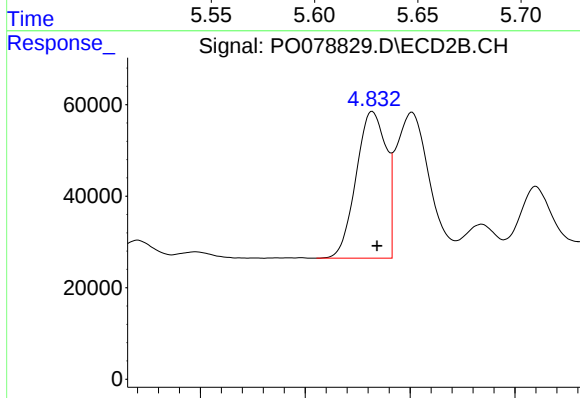
R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 1412455
Conc: 45.43 ng/ml



#3 AR-1016-1

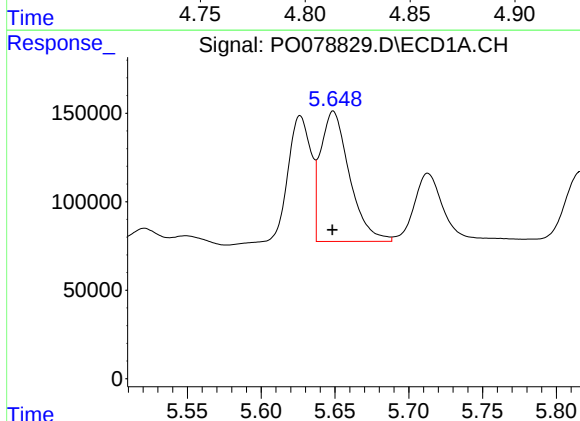
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 765951
Conc: 300.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



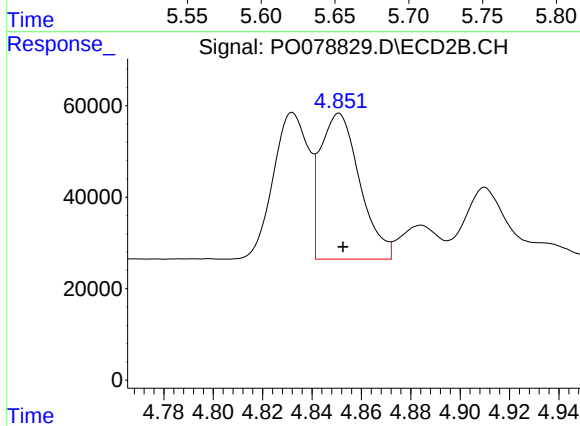
#3 AR-1016-1

R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 317967
Conc: 281.25 ng/ml



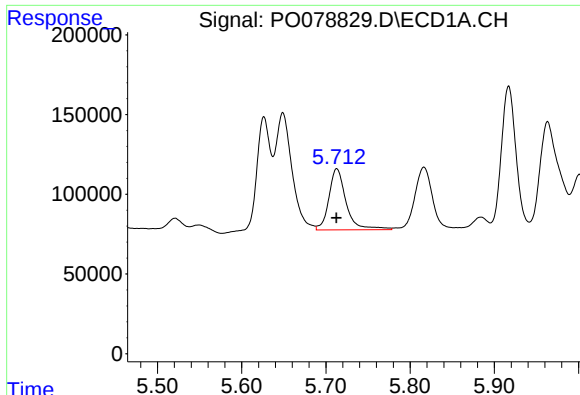
#4 AR-1016-2

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 1003077
Conc: 257.42 ng/ml



#4 AR-1016-2

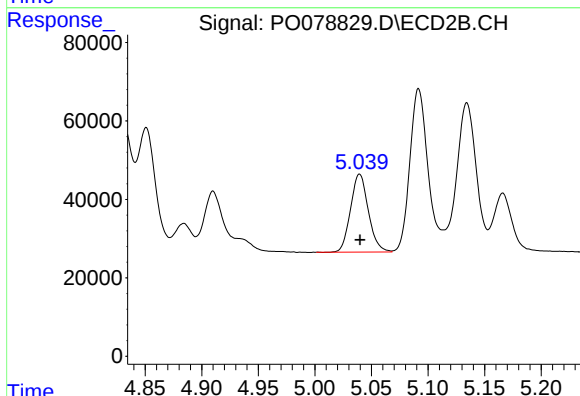
R.T.: 4.851 min
Delta R.T.: -0.002 min
Response: 353345
Conc: 213.31 ng/ml



#5 AR-1016-3

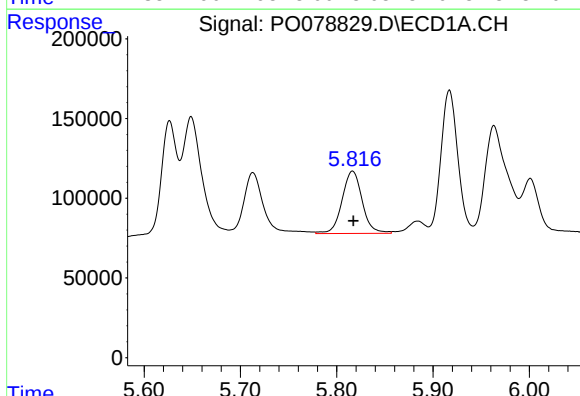
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 545155
Conc: 231.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



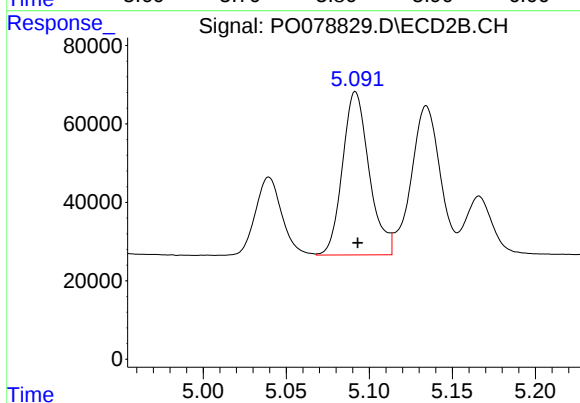
#5 AR-1016-3

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 218507
Conc: 254.48 ng/ml



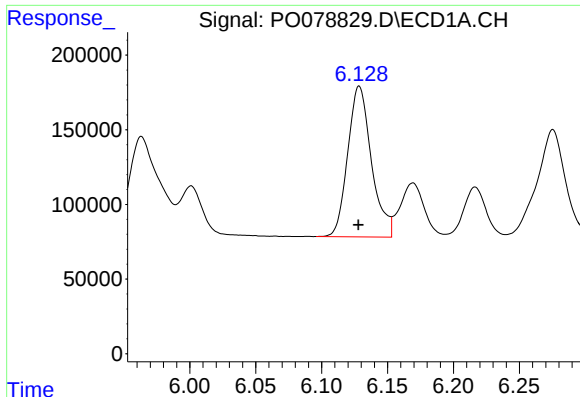
#6 AR-1016-4

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 565974
Conc: 299.68 ng/ml



#6 AR-1016-4

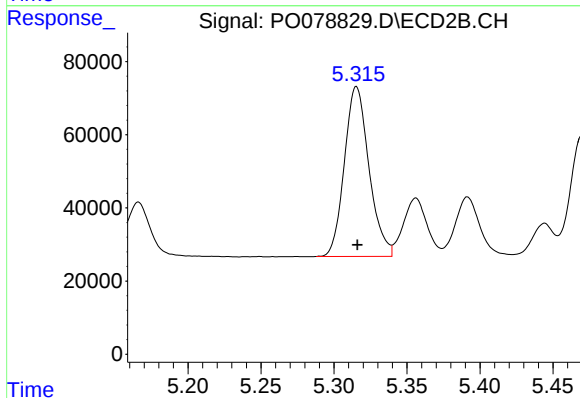
R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 465410
Conc: 616.31 ng/ml



#7 AR-1016-5

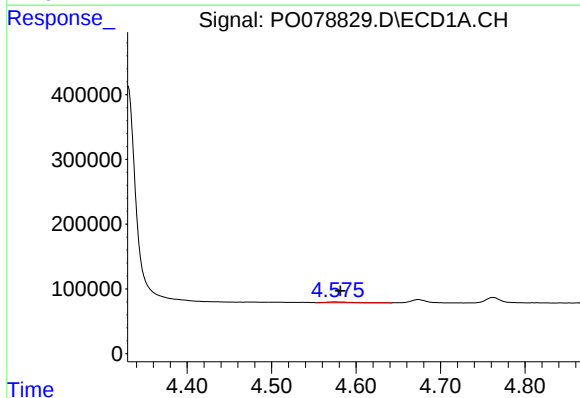
R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 1262893
Conc: 704.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



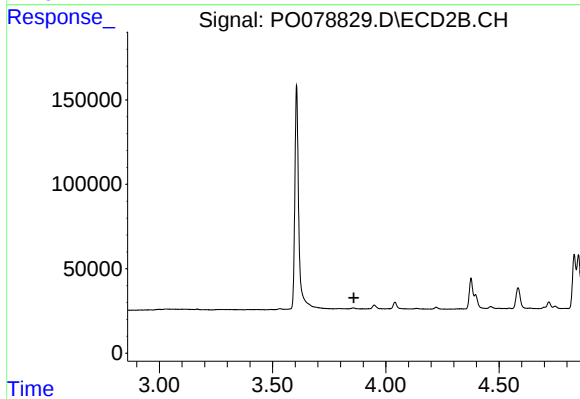
#7 AR-1016-5

R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 544283
Conc: 597.41 ng/ml



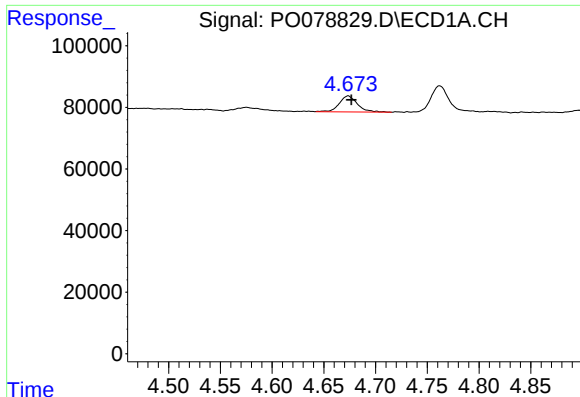
#8 AR-1221-1

R.T.: 4.575 min
Delta R.T.: -0.006 min
Response: 21587
Conc: 23.99 ng/ml



#8 AR-1221-1

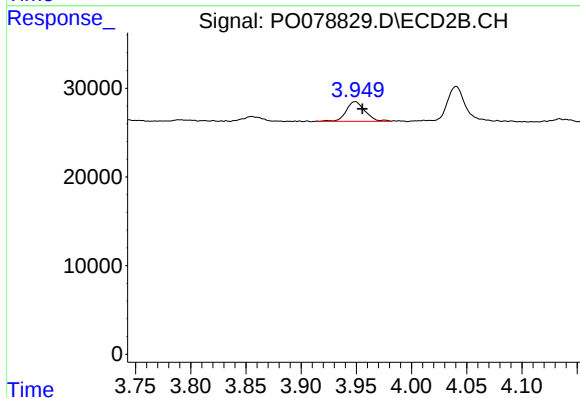
R.T.: 0.000 min
Exp R.T. : 3.859 min
Response: 0
Conc: N.D.



#9 AR-1221-2

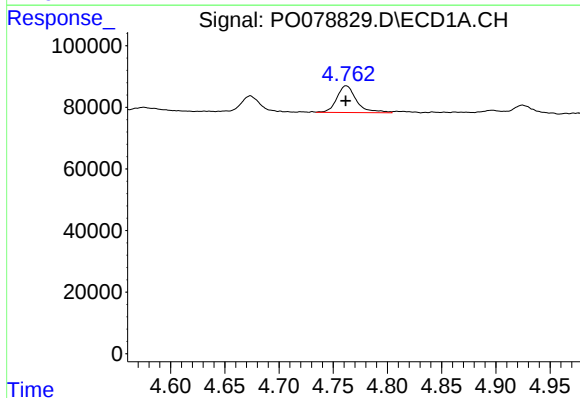
R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 63446
Conc: 95.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



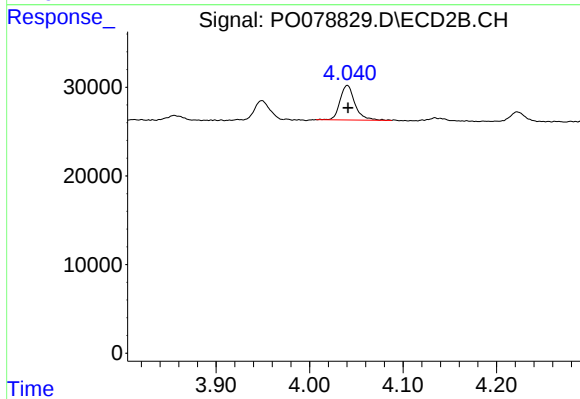
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: -0.007 min
Response: 26242
Conc: 91.53 ng/ml



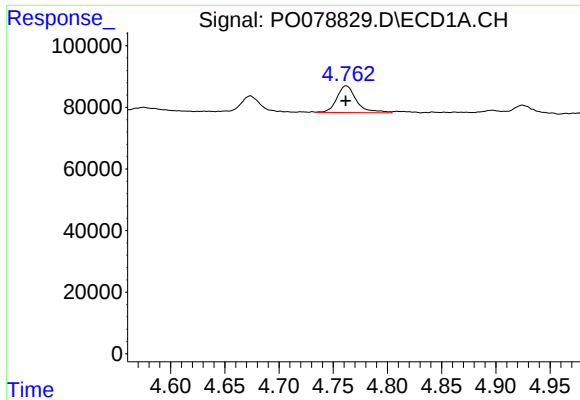
#10 AR-1221-3

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 110070
Conc: 51.65 ng/ml



#10 AR-1221-3

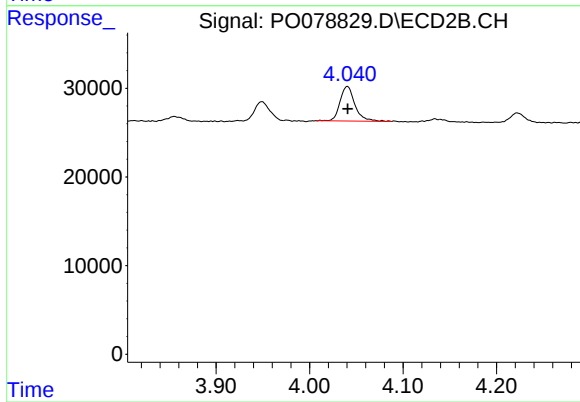
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 43320
Conc: 47.89 ng/ml



#11 AR-1232-1

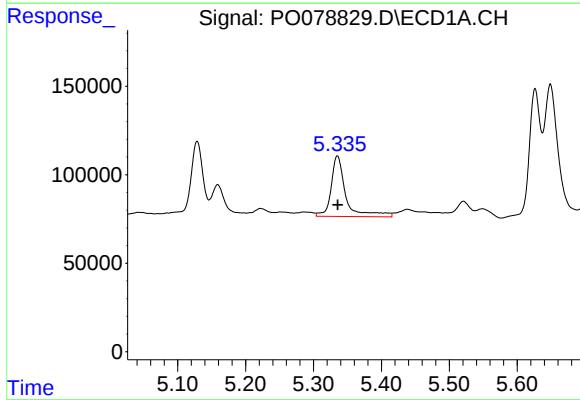
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 110070
Conc: 66.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



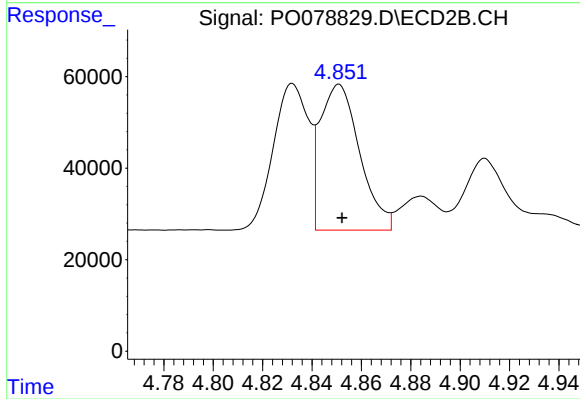
#11 AR-1232-1

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 43320
Conc: 60.32 ng/ml



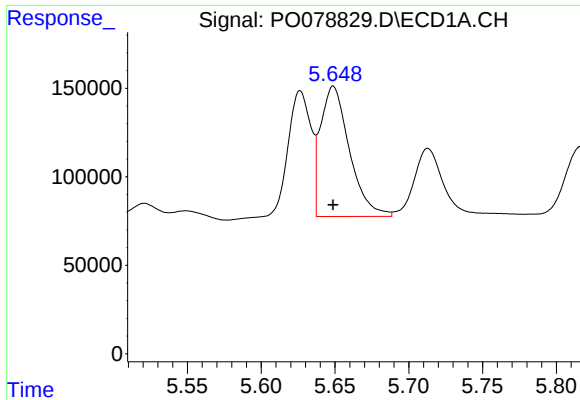
#12 AR-1232-2

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 514488
Conc: 627.80 ng/ml



#12 AR-1232-2

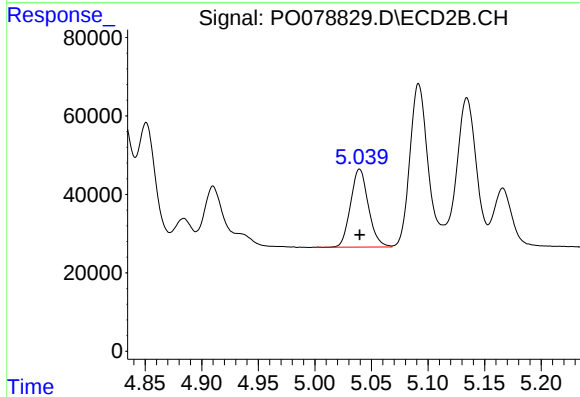
R.T.: 4.851 min
Delta R.T.: -0.001 min
Response: 353345
Conc: 501.72 ng/ml



#13 AR-1232-3

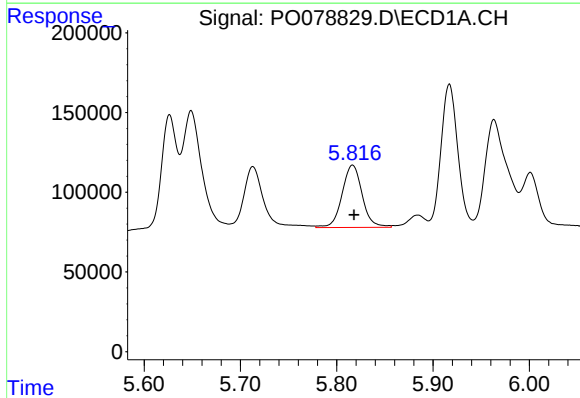
R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 1003077
Conc: 628.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



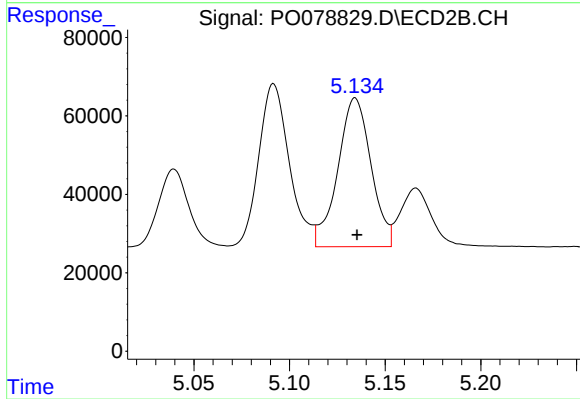
#13 AR-1232-3

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 218507
Conc: 625.22 ng/ml



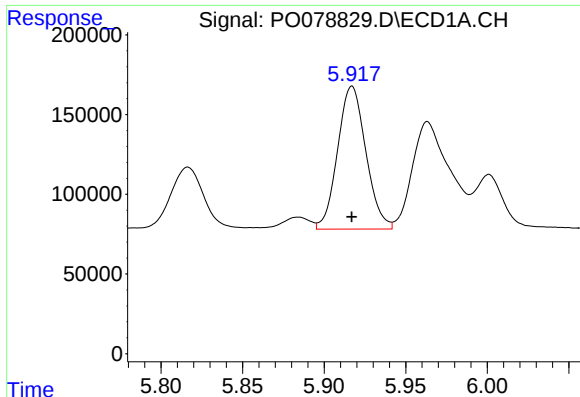
#14 AR-1232-4

R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 565974
Conc: 755.09 ng/ml



#14 AR-1232-4

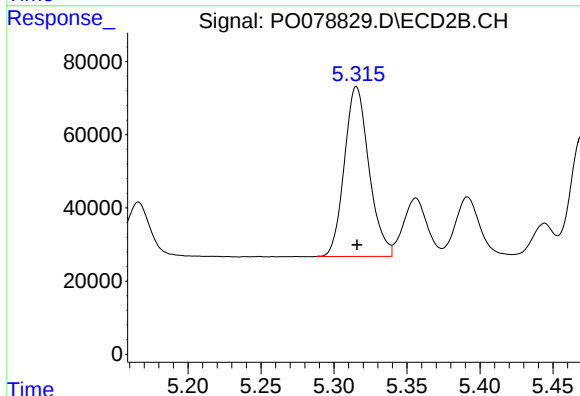
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 460087
Conc: 1412.23 ng/ml



#15 AR-1232-5

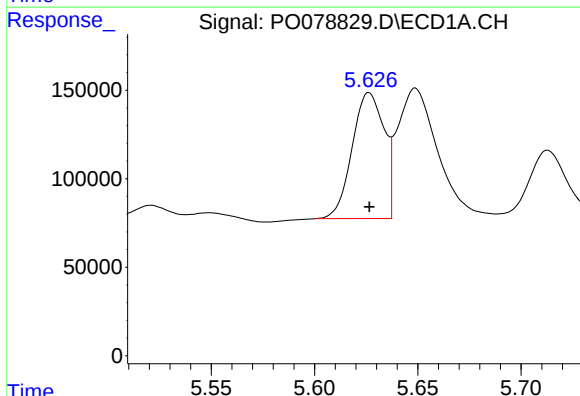
R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 1082145
Conc: 2070.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



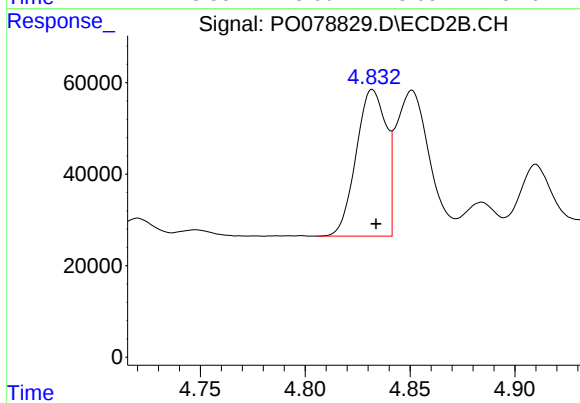
#15 AR-1232-5

R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 544283
Conc: 1550.87 ng/ml



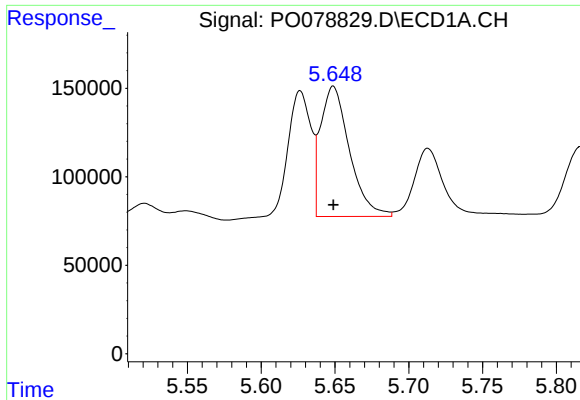
#16 AR-1242-1

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 765951
Conc: 388.82 ng/ml



#16 AR-1242-1

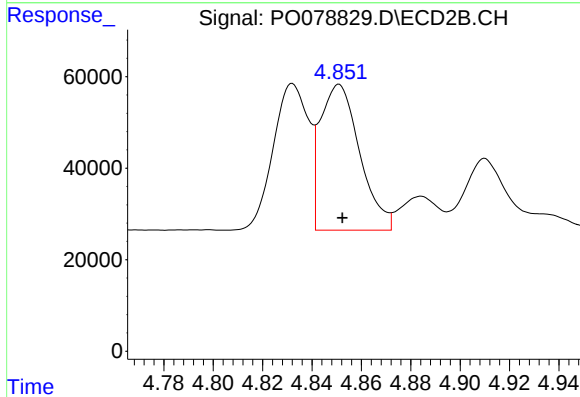
R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 317967
Conc: 363.34 ng/ml



#17 AR-1242-2

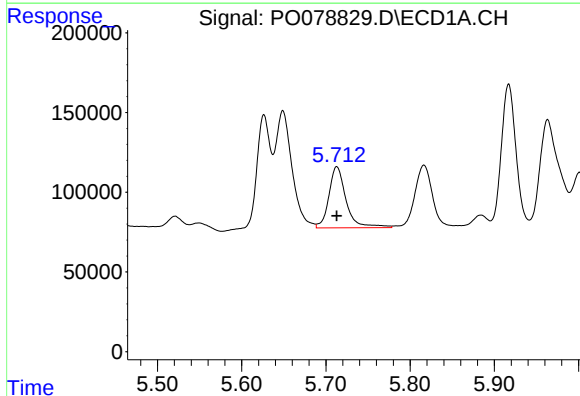
R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 1003077
Conc: 332.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



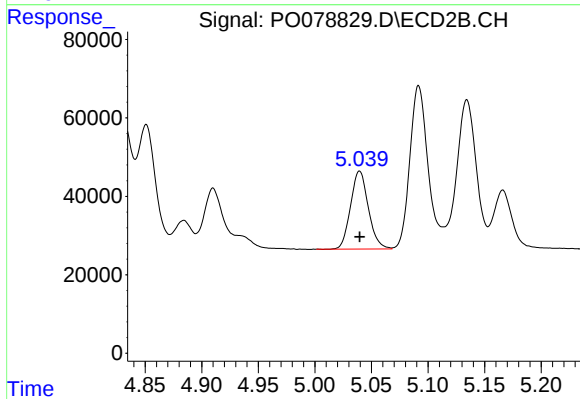
#17 AR-1242-2

R.T.: 4.851 min
Delta R.T.: -0.001 min
Response: 353345
Conc: 273.30 ng/ml



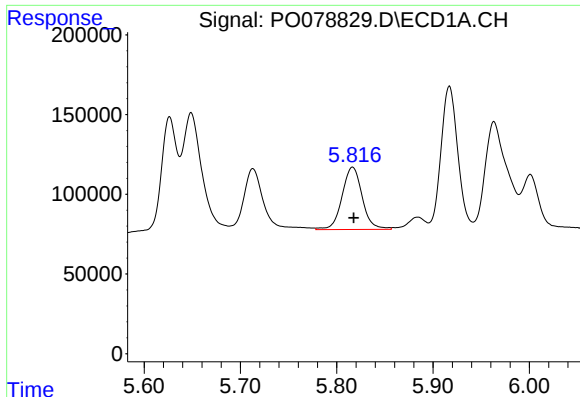
#18 AR-1242-3

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 545155
Conc: 298.61 ng/ml



#18 AR-1242-3

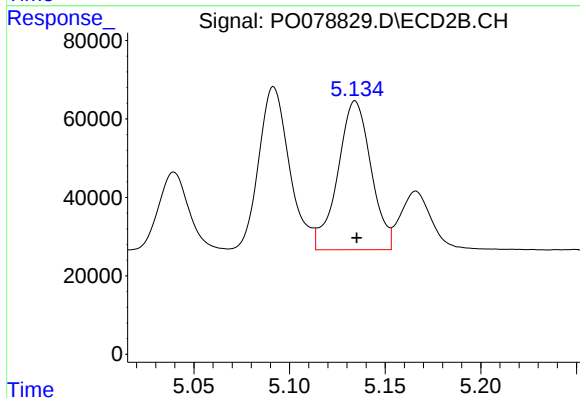
R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 218507
Conc: 321.89 ng/ml



#19 AR-1242-4

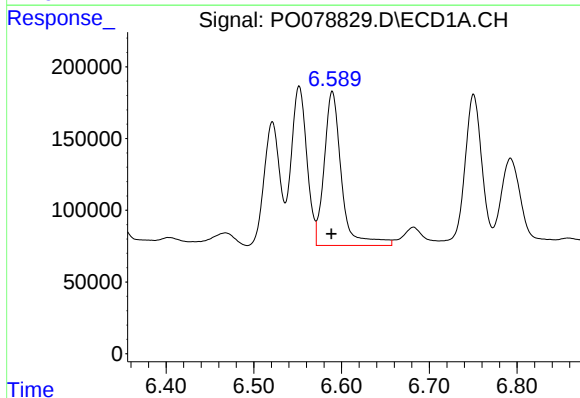
R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 565974
Conc: 383.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



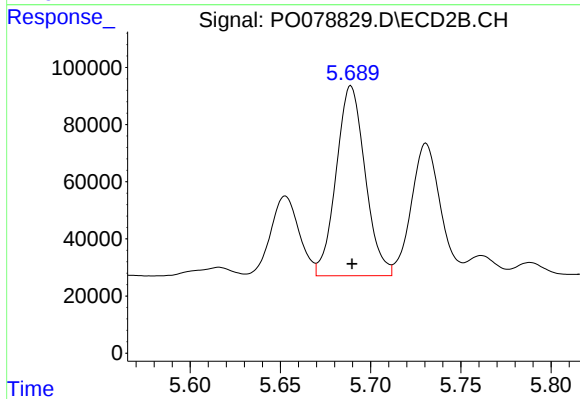
#19 AR-1242-4

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 460087
Conc: 659.10 ng/ml



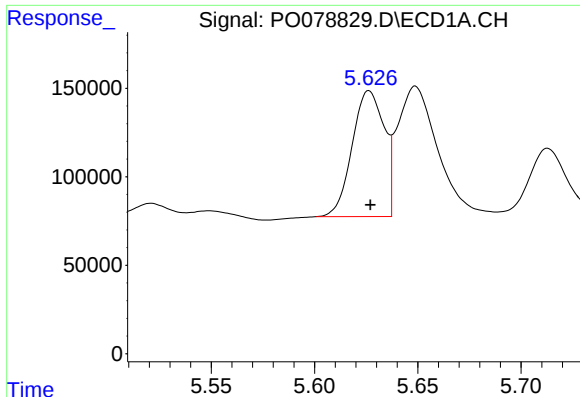
#20 AR-1242-5

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 1467291
Conc: 975.73 ng/ml



#20 AR-1242-5

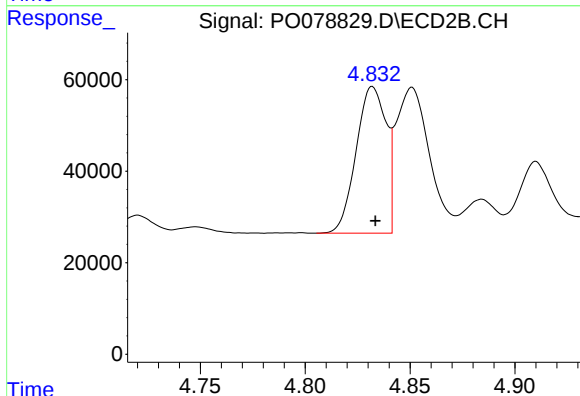
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 742734
Conc: 830.22 ng/ml



#21 AR-1248-1

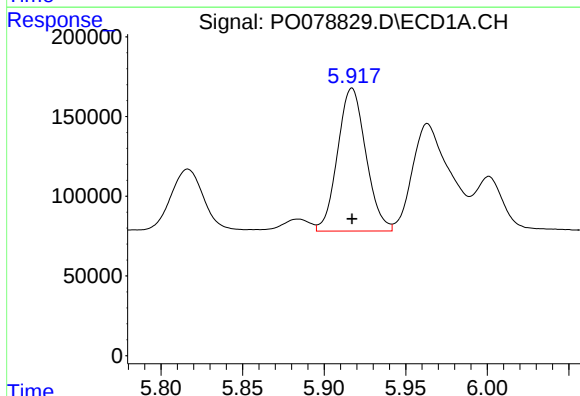
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 765951
Conc: 498.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



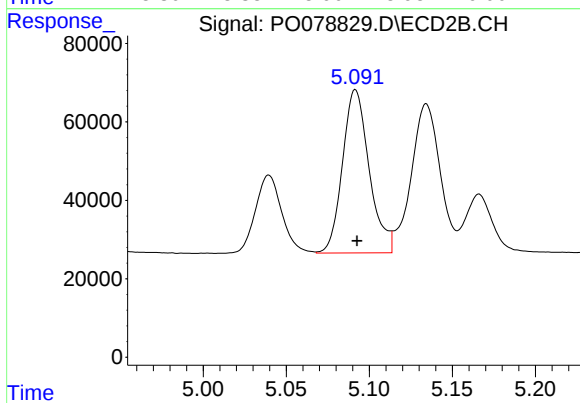
#21 AR-1248-1

R.T.: 4.832 min
Delta R.T.: -0.001 min
Response: 317967
Conc: 469.60 ng/ml



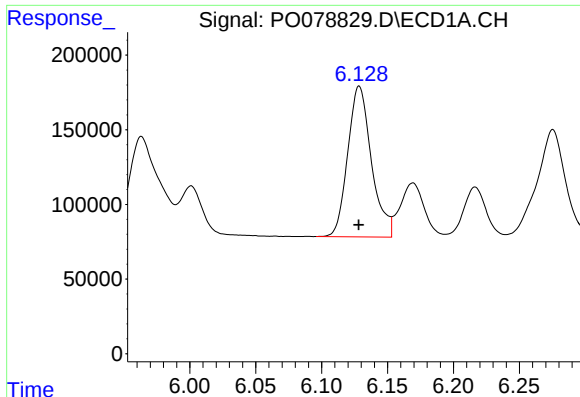
#22 AR-1248-2

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 1082145
Conc: 518.57 ng/ml



#22 AR-1248-2

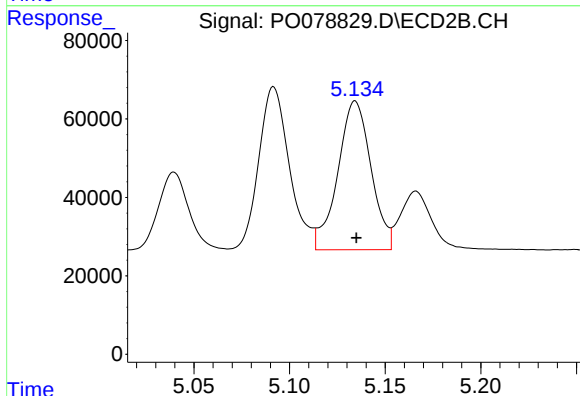
R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 465410
Conc: 461.44 ng/ml



#23 AR-1248-3

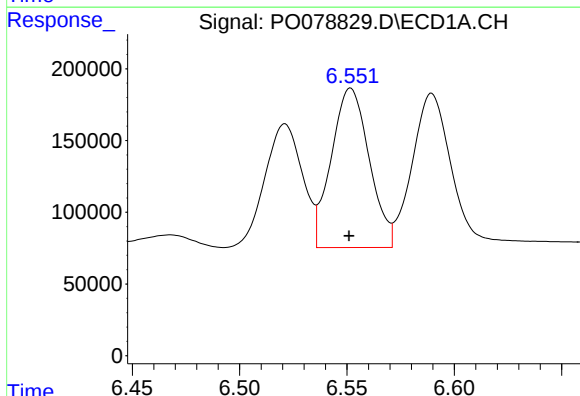
R.T.: 6.129 min
Delta R.T.: 0.000 min
Response: 1262893
Conc: 514.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



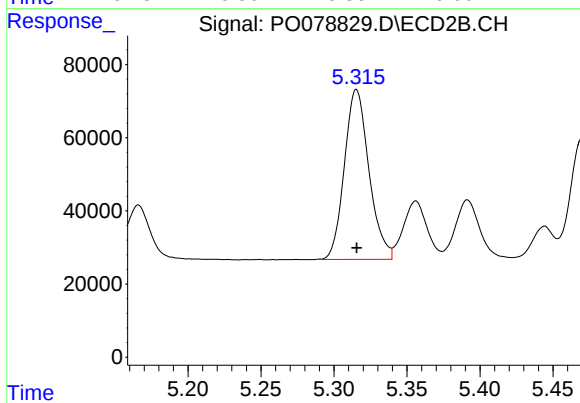
#23 AR-1248-3

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 460087
Conc: 460.97 ng/ml



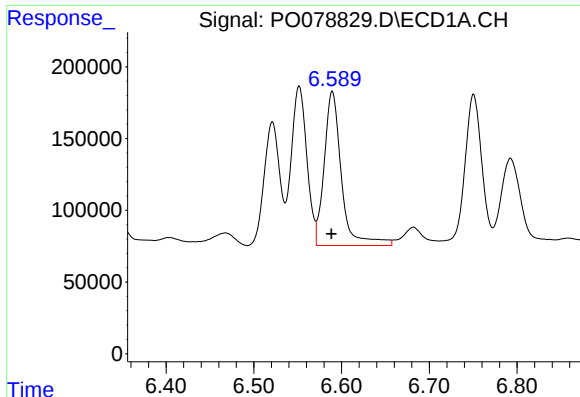
#24 AR-1248-4

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 1368201
Conc: 522.49 ng/ml



#24 AR-1248-4

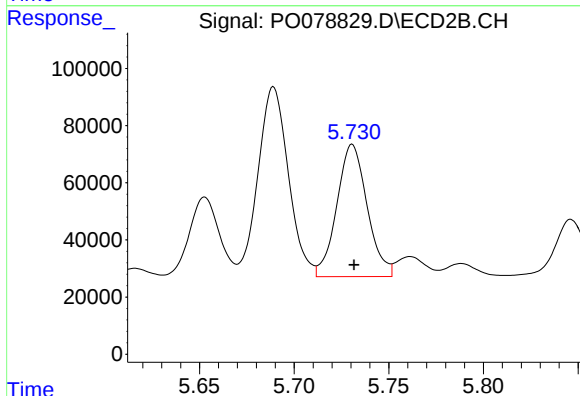
R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 544283
Conc: 460.22 ng/ml



#25 AR-1248-5

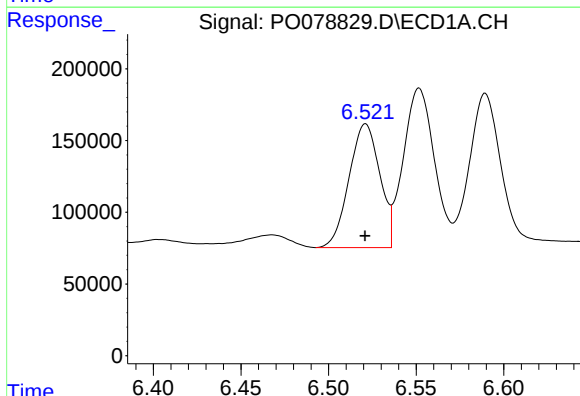
R.T.: 6.590 min
Delta R.T.: 0.001 min
Response: 1467291
Conc: 580.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



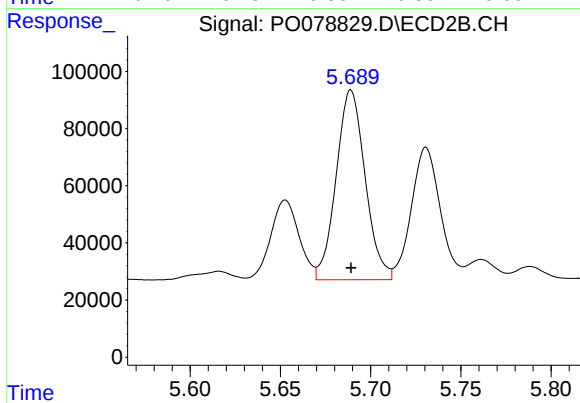
#25 AR-1248-5

R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 516805
Conc: 468.80 ng/ml



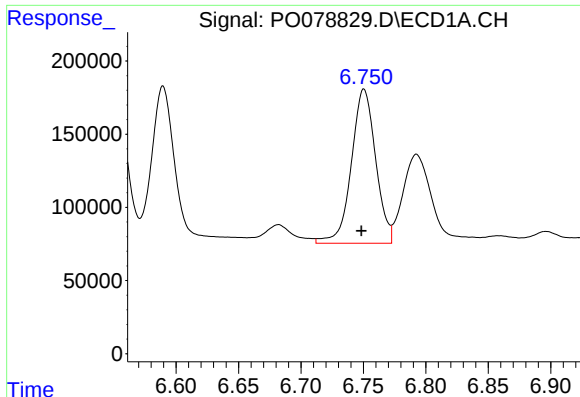
#26 AR-1254-1

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 1051881
Conc: 383.74 ng/ml



#26 AR-1254-1

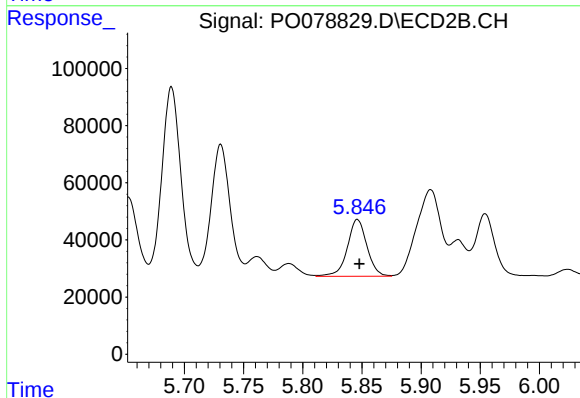
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 742734
Conc: 420.39 ng/ml



#27 AR-1254-2

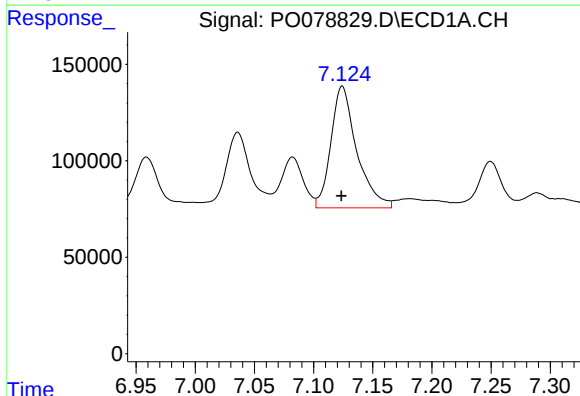
R.T.: 6.750 min
Delta R.T.: 0.002 min
Response: 1428560
Conc: 337.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



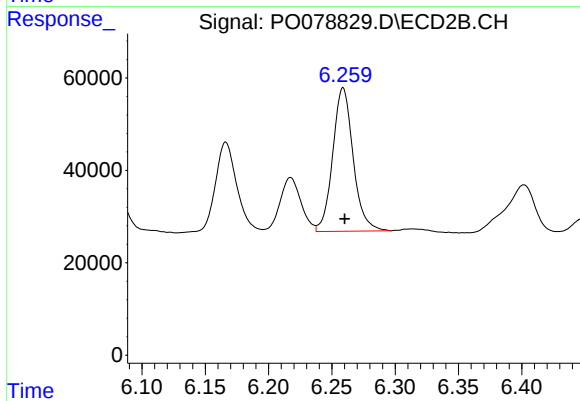
#27 AR-1254-2

R.T.: 5.846 min
Delta R.T.: -0.002 min
Response: 229976
Conc: 141.94 ng/ml



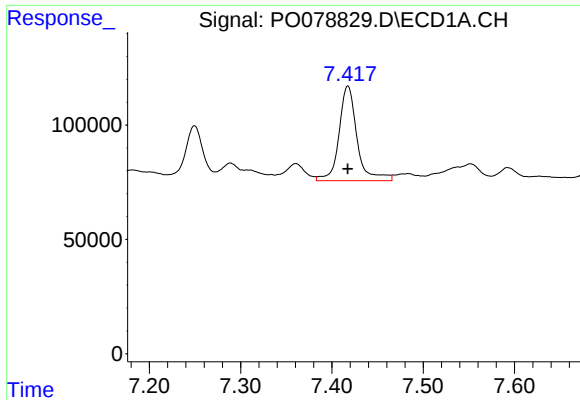
#28 AR-1254-3

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 960588
Conc: 220.63 ng/ml



#28 AR-1254-3

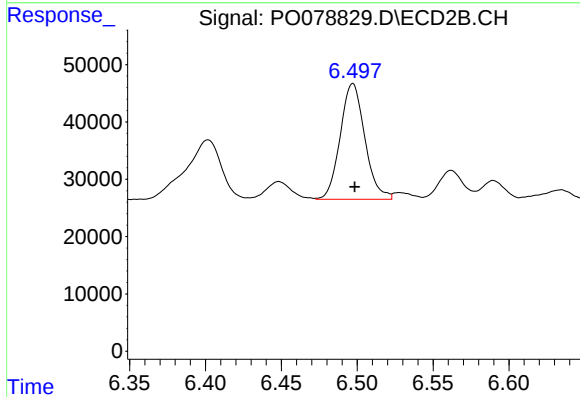
R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 348960
Conc: 143.54 ng/ml



#29 AR-1254-4

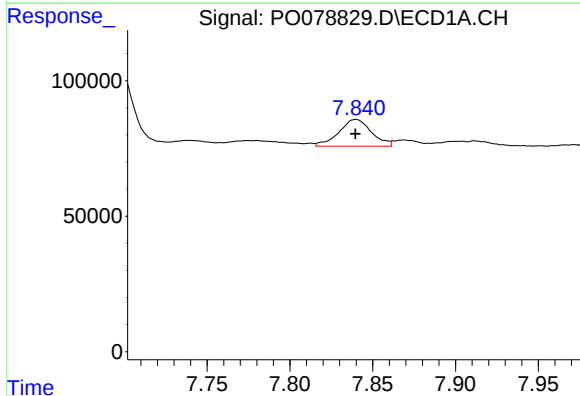
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 568933
Conc: 184.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



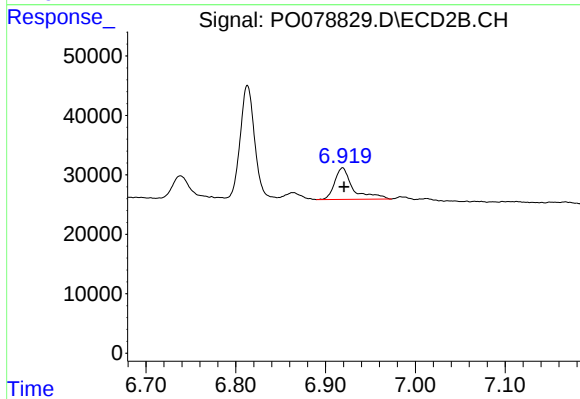
#29 AR-1254-4

R.T.: 6.497 min
Delta R.T.: -0.001 min
Response: 228378
Conc: 152.52 ng/ml



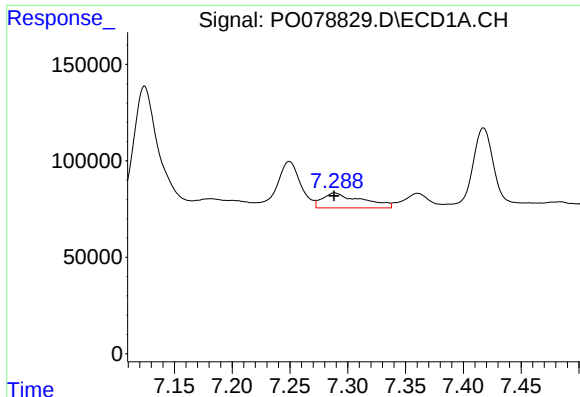
#30 AR-1254-5

R.T.: 7.840 min
Delta R.T.: 0.000 min
Response: 135363
Conc: 39.27 ng/ml



#30 AR-1254-5

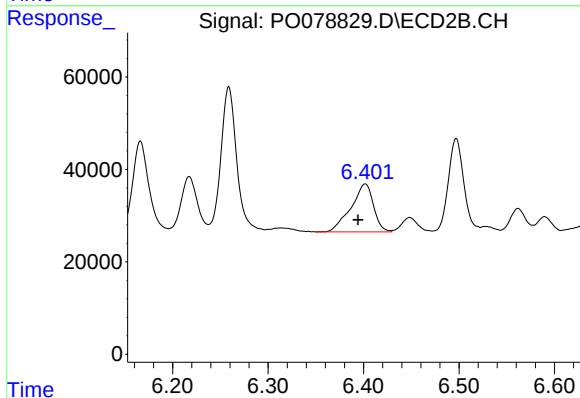
R.T.: 6.919 min
Delta R.T.: -0.002 min
Response: 74950
Conc: 32.65 ng/ml



#31 AR-1260-1

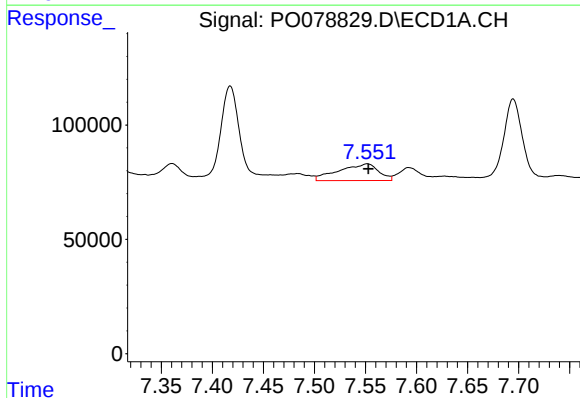
R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 182855
Conc: 58.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



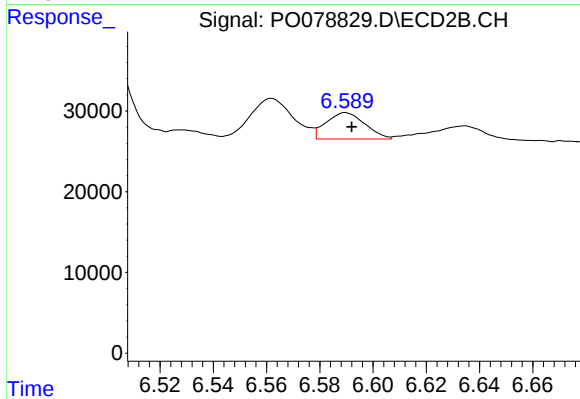
#31 AR-1260-1

R.T.: 6.402 min
Delta R.T.: 0.007 min
Response: 170750
Conc: 101.62 ng/ml



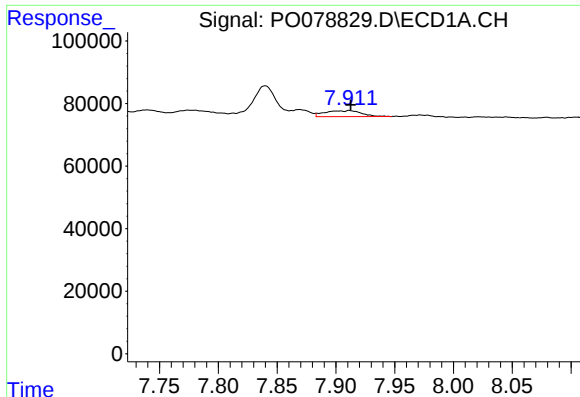
#32 AR-1260-2

R.T.: 7.552 min
Delta R.T.: -0.001 min
Response: 197894
Conc: 53.53 ng/ml



#32 AR-1260-2

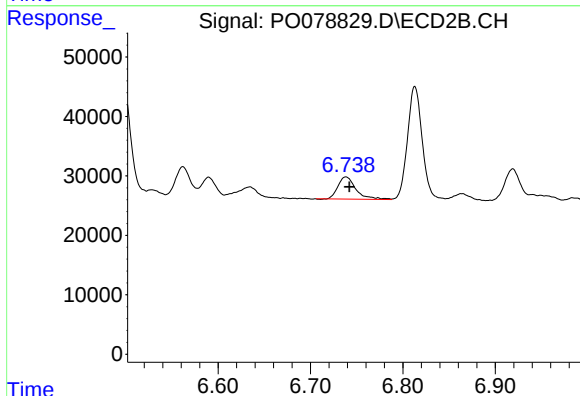
R.T.: 6.590 min
Delta R.T.: -0.002 min
Response: 33073
Conc: 16.41 ng/ml



#33 AR-1260-3

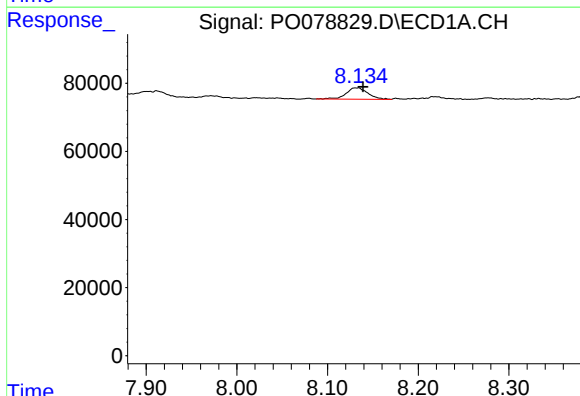
R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 41158
Conc: 14.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



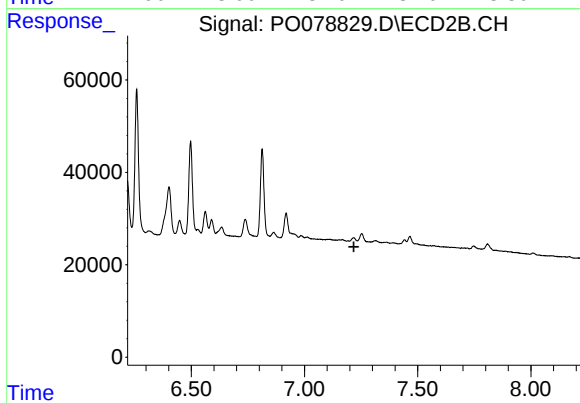
#33 AR-1260-3

R.T.: 6.738 min
Delta R.T.: -0.004 min
Response: 50960
Conc: 26.12 ng/ml



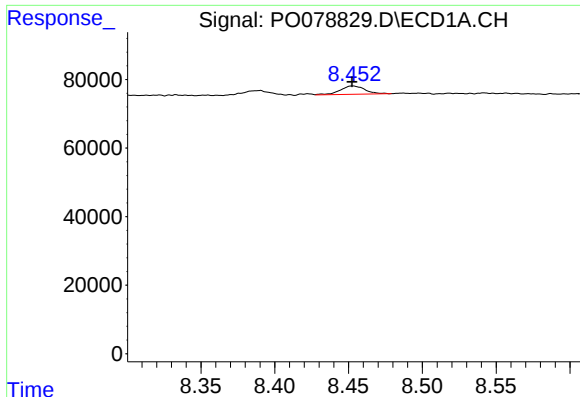
#34 AR-1260-4

R.T.: 8.132 min
Delta R.T.: -0.007 min
Response: 55689
Conc: 17.63 ng/ml



#34 AR-1260-4

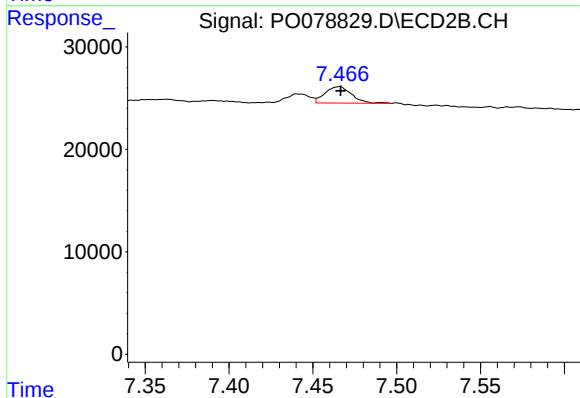
R.T.: 0.000 min
Exp R.T.: 7.218 min
Response: 0
Conc: N.D.



#35 AR-1260-5

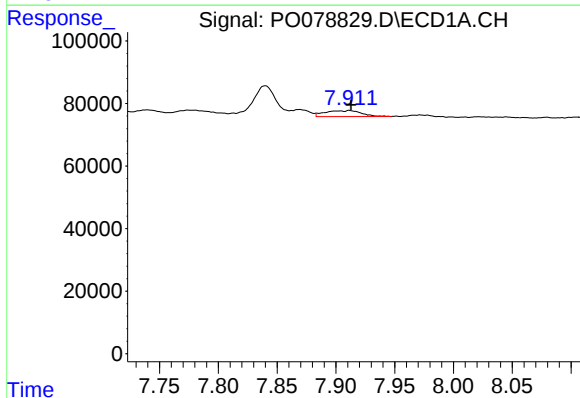
R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 28707
Conc: 4.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



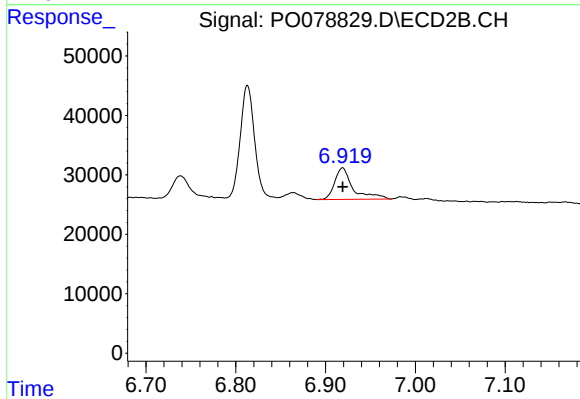
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.001 min
Response: 17682
Conc: 4.81 ng/ml



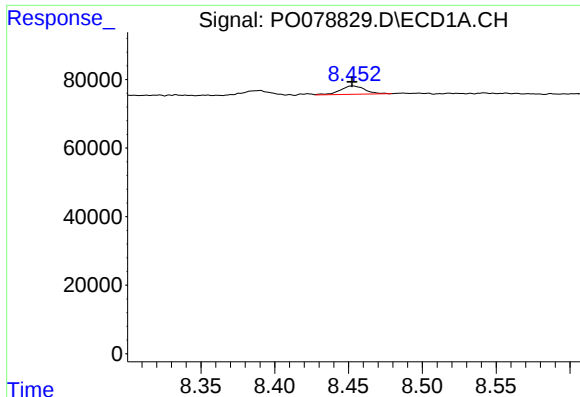
#36 AR-1262-1

R.T.: 7.912 min
Delta R.T.: -0.001 min
Response: 41158
Conc: 9.94 ng/ml



#36 AR-1262-1

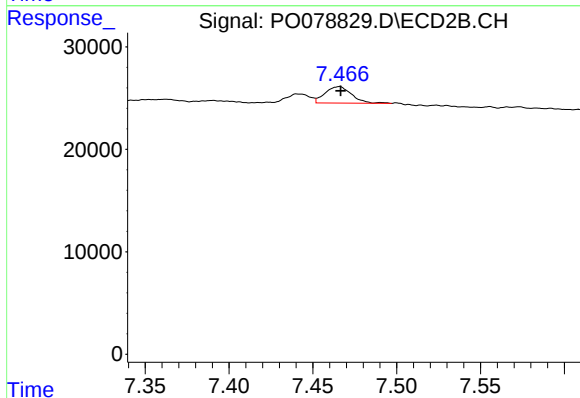
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 74950
Conc: 62.97 ng/ml



#37 AR-1262-2

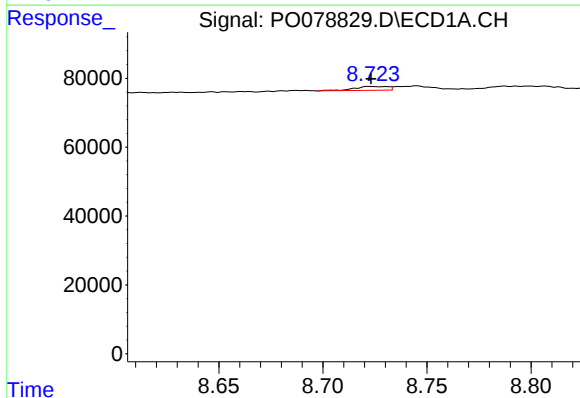
R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 28707
Conc: 4.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



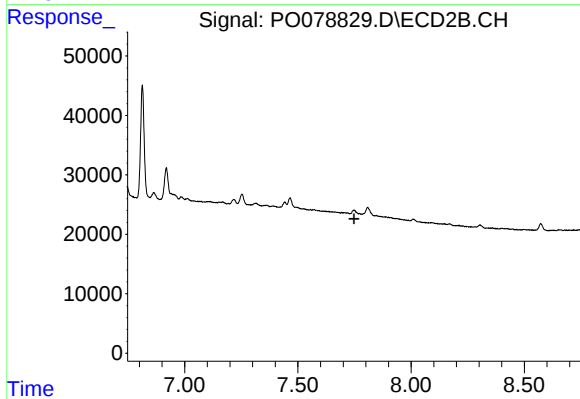
#37 AR-1262-2

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 17682
Conc: 4.48 ng/ml



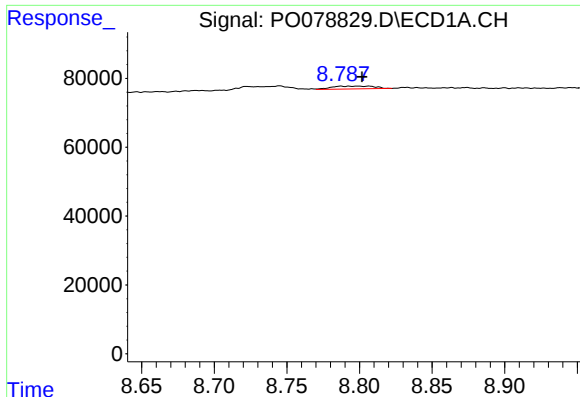
#38 AR-1262-3

R.T.: 8.723 min
Delta R.T.: 0.000 min
Response: 12866
Conc: 2.72 ng/ml



#38 AR-1262-3

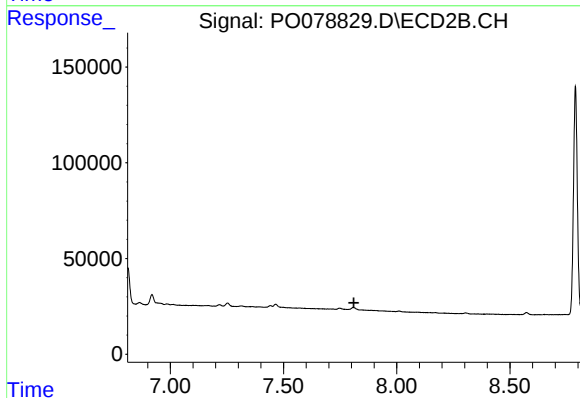
R.T.: 0.000 min
Exp R.T. : 7.748 min
Response: 0
Conc: N.D.



#39 AR-1262-4

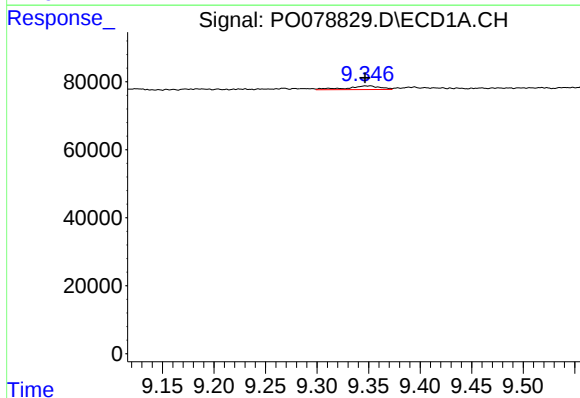
R.T.: 8.787 min
Delta R.T.: -0.015 min
Response: 16814
Conc: 4.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



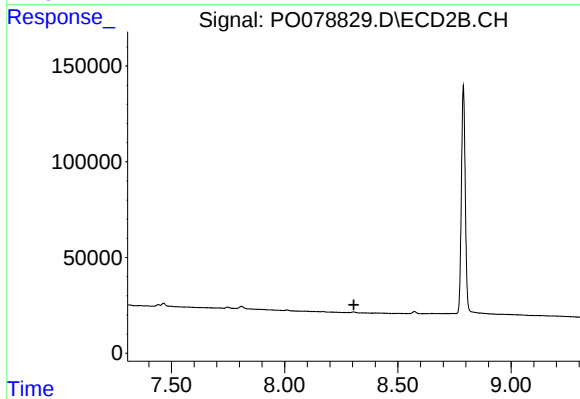
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.811 min
Response: 0
Conc: N.D.



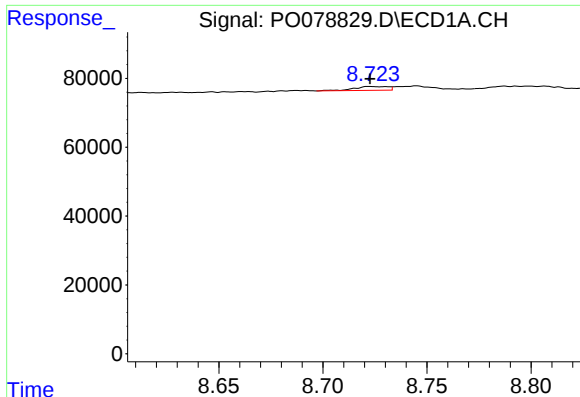
#40 AR-1262-5

R.T.: 9.352 min
Delta R.T.: 0.005 min
Response: 25195
Conc: 10.31 ng/ml



#40 AR-1262-5

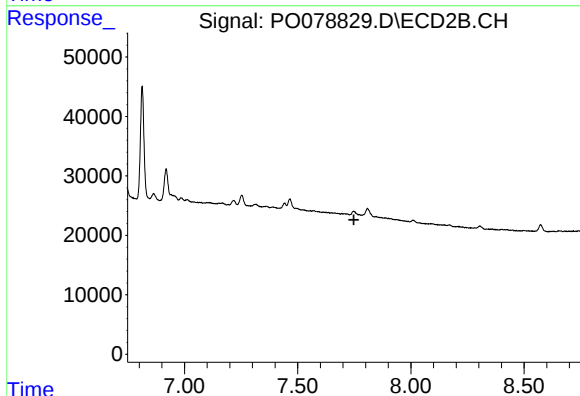
R.T.: 0.000 min
Exp R.T. : 8.306 min
Response: 0
Conc: N.D.



#41 AR-1268-1

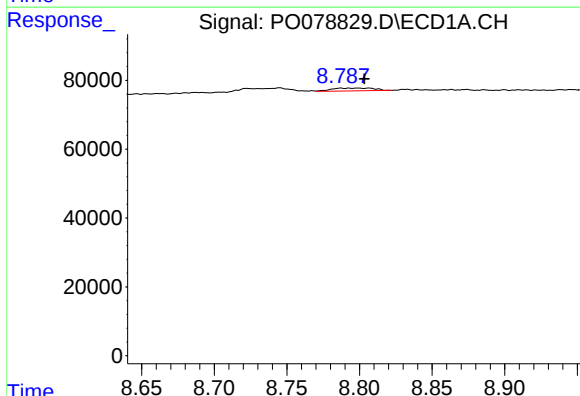
R.T.: 8.723 min
Delta R.T.: 0.000 min
Response: 12866
Conc: 1.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



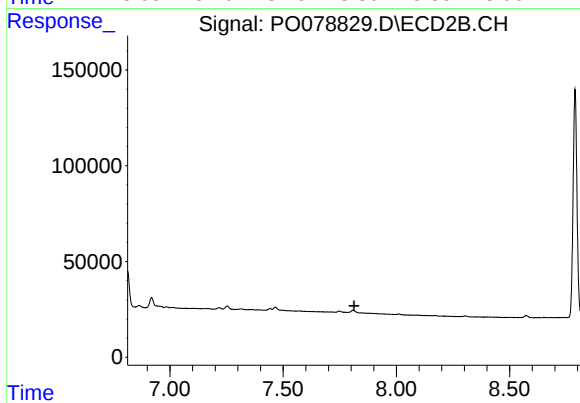
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.748 min
Response: 0
Conc: N.D.



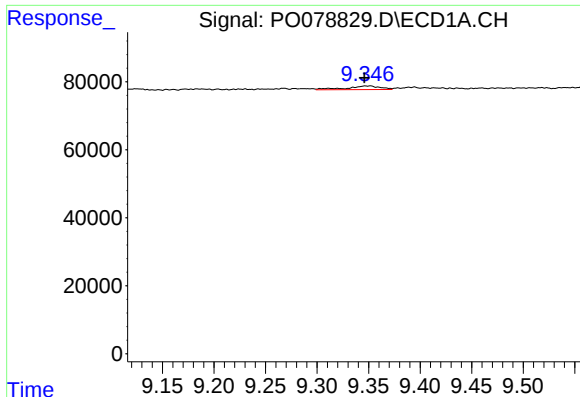
#42 AR-1268-2

R.T.: 8.787 min
Delta R.T.: -0.016 min
Response: 16814
Conc: 2.33 ng/ml



#42 AR-1268-2

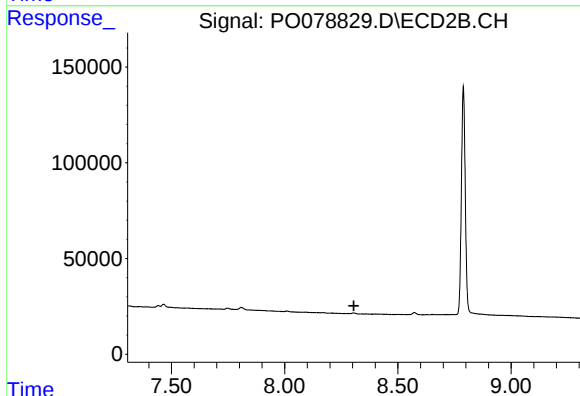
R.T.: 0.000 min
Exp R.T. : 7.813 min
Response: 0
Conc: N.D.



#44 AR-1268-4

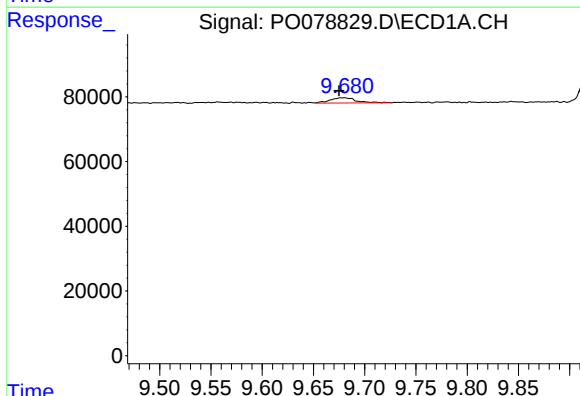
R.T.: 9.352 min
Delta R.T.: 0.006 min
Response: 25195
Conc: 9.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



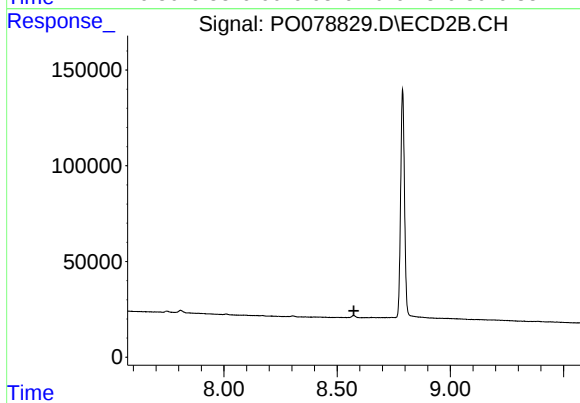
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.306 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.680 min
Delta R.T.: 0.005 min
Response: 28457
Conc: 1.44 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.574 min
Response: 0
Conc: N.D.