

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042321\
 Data File : PP035213.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Apr 2021 15:24
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 16:50:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042121.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 17:37:28 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...	4.839	4.246	3650606	2298204	44.801	44.628
2)	SA Decachlor...	10.747	9.533	2902502	1069176	45.931	44.999
Target Compounds							
3)	L1 AR-1016-1	6.151	5.497	944841	512710	459.722	485.003
4)	L1 AR-1016-2	6.174	5.517	1467309	815555	445.687	441.859
5)	L1 AR-1016-3	6.240	5.709	923695	433165	423.594	482.513
6)	L1 AR-1016-4	6.346	5.756	730291	347123	421.633	414.827
7)	L1 AR-1016-5	6.658	5.987	725758	452749	409.965	446.354
8)	L2 AR-1221-1	5.084	4.499	102160	63396	124.212	128.961
9)	L2 AR-1221-2	5.187	4.602	154098	95113	244.487	250.203
10)	L2 AR-1221-3	5.273	4.690	562457	343870	308.322	297.438
11)	L3 AR-1232-1	5.273	4.690	562457	343870	395.940	391.948
12)	L3 AR-1232-2	5.856	5.517	797335	815555	989.906	1094.428
13)	L3 AR-1232-3	6.174	5.709	1467309	433165	1160.412	1260.507
14)	L3 AR-1232-4	6.346	5.802	730291	427026	1146.997	1197.787
15)	L3 AR-1232-5	6.442	5.987	572669	452749	1164.164	1210.063
16)	L4 AR-1242-1	6.151	5.497	944841	512710	623.107	659.896
17)	L4 AR-1242-2	6.174	5.517	1467309	815555	598.659	613.708
18)	L4 AR-1242-3	6.240	5.709	923695	433165	558.682	655.898
19)	L4 AR-1242-4	6.346	5.802	730291	427026	561.743	547.509
20)	L4 AR-1242-5	7.125	6.362	124091	339413	114.252	456.677 #
21)	L5 AR-1248-1	6.151	5.497	944841	512710	789.050	831.082
22)	L5 AR-1248-2	6.442	5.756	572669	347123	294.208	324.602
23)	L5 AR-1248-3	6.658	5.802	725758	427026	321.723	387.689
24)	L5 AR-1248-4	7.085	5.987	150403	452749	79.464	359.304 #
25)	L5 AR-1248-5	7.125	6.407	124091	54030	64.347	65.497
26)	L6 AR-1254-1	7.055	6.362	578805	339413	224.519	200.510
27)	L6 AR-1254-2	7.282	6.518	602082	307158	159.108	205.578 #
28)	L6 AR-1254-3	7.663	6.953	408360	548972	109.454	258.163 #
29)	L6 AR-1254-4	7.955	7.175	318902	55841	152.262	62.312 #
30)	L6 AR-1254-5	8.384	7.599	2033841	938713	699.115	528.130
31)	L7 AR-1260-1	7.828	7.072	1503230	744228	446.363	425.381
32)	L7 AR-1260-2	8.093	7.266	1743157	862244	512.027	483.695
33)	L7 AR-1260-3	8.458	7.422	1080866	776143	430.622	430.445
34)	L7 AR-1260-4	8.688	7.900	1307053	555685	445.295	436.553
35)	L7 AR-1260-5	9.005	8.144	2552246	1237269	518.787	508.898
36)	L8 AR-1262-1	8.458	7.599	1080866	938713	288.823	1107.984 #
37)	L8 AR-1262-2	9.005	8.144	2552246	1237269	439.455	462.097
38)	L8 AR-1262-3	9.327f	8.427	1704991	290562	396.738	233.450 #
39)	L8 AR-1262-4	9.378f	8.490	1026508	910150	285.112	425.248 #
40)	L8 AR-1262-5	10.035	8.986	721077	293799	340.428	342.345
41)	L9 AR-1268-1	9.327f	8.427	1704991	290562	205.779	82.202 #

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 Acq On : 23 Apr 2021 15:24
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

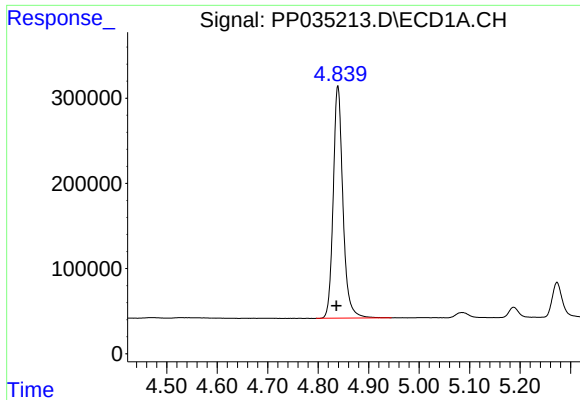
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 16:50:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042121.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	9.378f	8.490	1026508	910150	128.488	269.101 #
43) L9	AR-1268-3	9.613	8.695	100955	44372	13.240	14.312
44) L9	AR-1268-4	10.035	8.986	721077	293799	301.653	278.639
45) L9	AR-1268-5	10.430	9.280	309047	111246	13.938	14.304

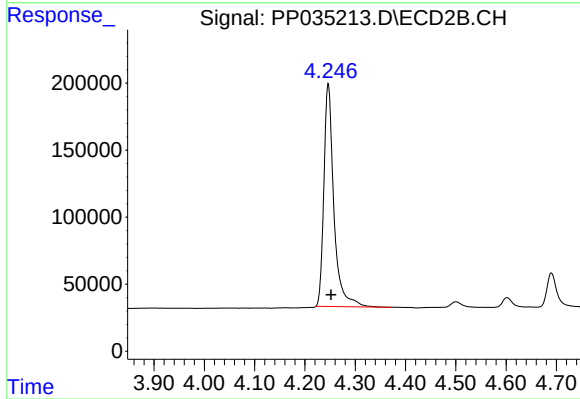
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

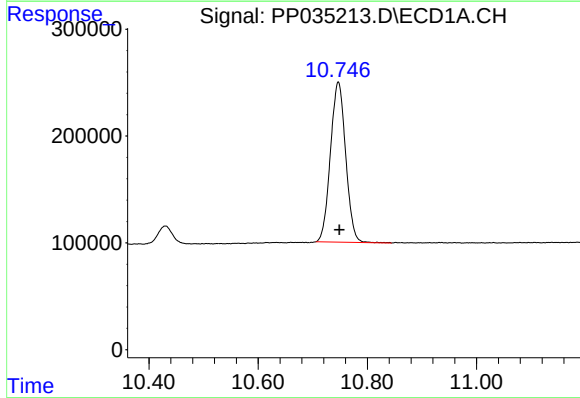
R.T.: 4.839 min
Delta R.T.: 0.003 min
Response: 3650606
Conc: 44.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



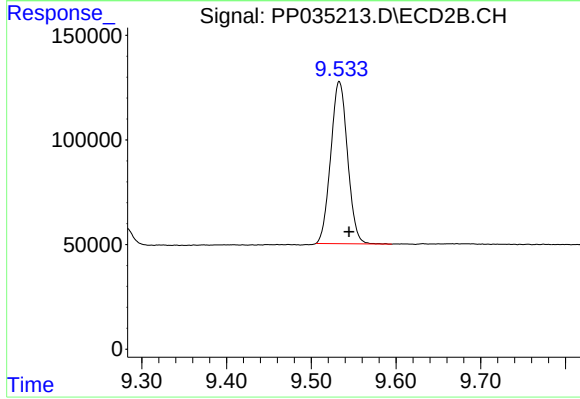
#1 Tetrachloro-m-xylene

R.T.: 4.246 min
Delta R.T.: -0.006 min
Response: 2298204
Conc: 44.63 ng/ml



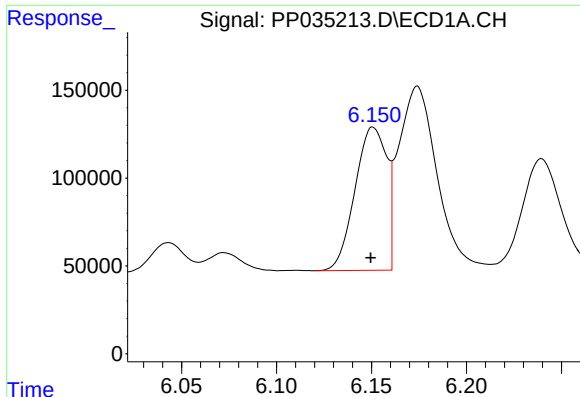
#2 Decachlorobiphenyl

R.T.: 10.747 min
Delta R.T.: -0.002 min
Response: 2902502
Conc: 45.93 ng/ml



#2 Decachlorobiphenyl

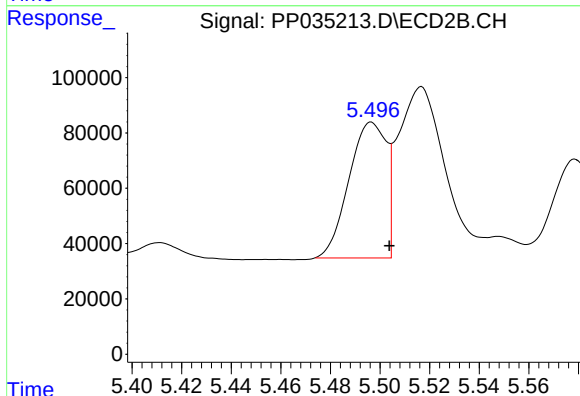
R.T.: 9.533 min
Delta R.T.: -0.011 min
Response: 1069176
Conc: 45.00 ng/ml



#3 AR-1016-1

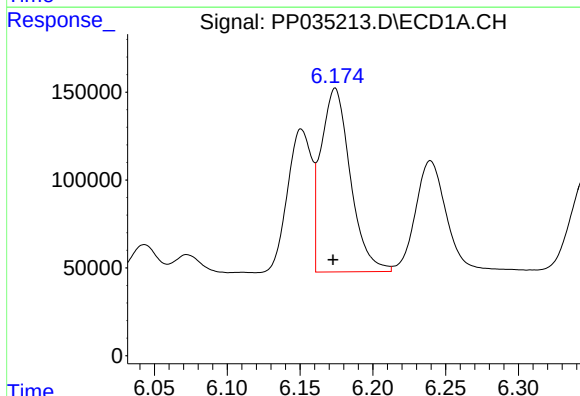
R.T.: 6.151 min
Delta R.T.: 0.001 min
Response: 944841
Conc: 459.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



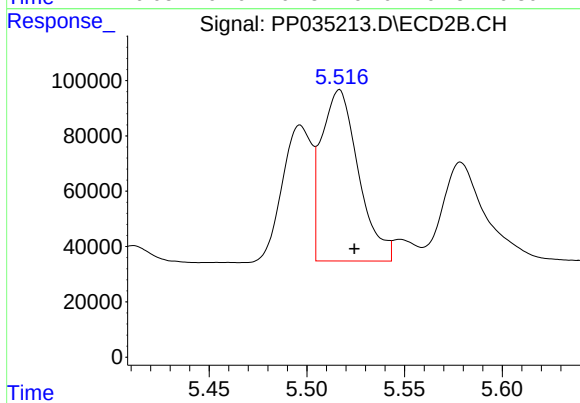
#3 AR-1016-1

R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 512710
Conc: 485.00 ng/ml



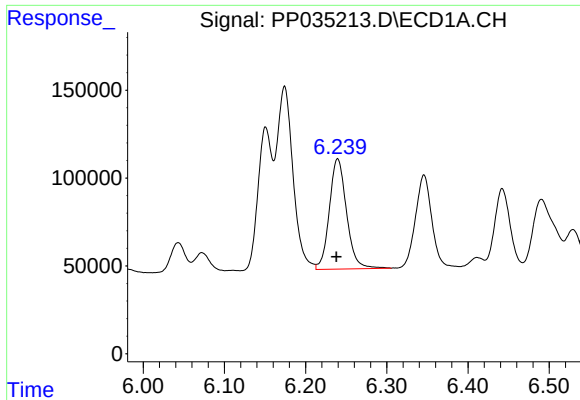
#4 AR-1016-2

R.T.: 6.174 min
Delta R.T.: 0.001 min
Response: 1467309
Conc: 445.69 ng/ml



#4 AR-1016-2

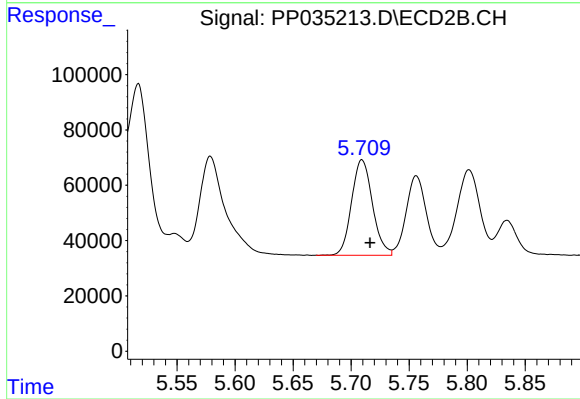
R.T.: 5.517 min
Delta R.T.: -0.008 min
Response: 815555
Conc: 441.86 ng/ml



#5 AR-1016-3

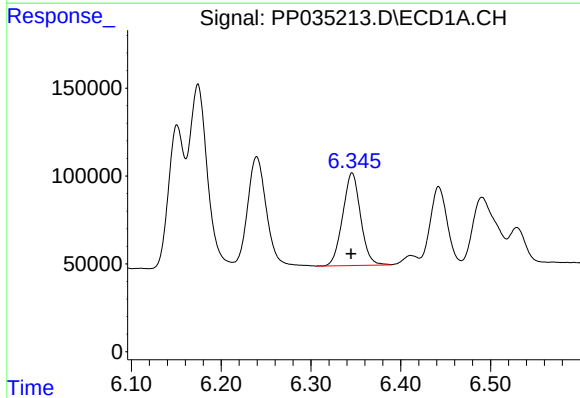
R.T.: 6.240 min
Delta R.T.: 0.002 min
Response: 923695
Conc: 423.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



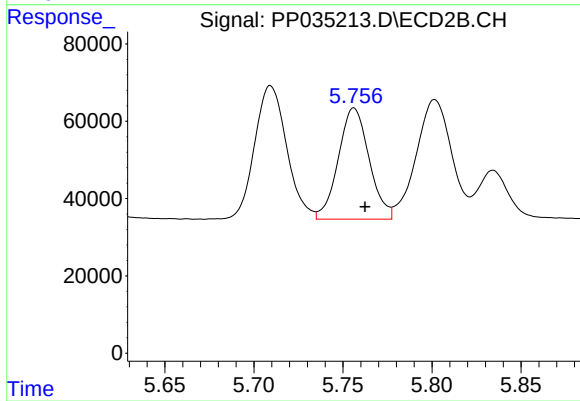
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: -0.007 min
Response: 433165
Conc: 482.51 ng/ml



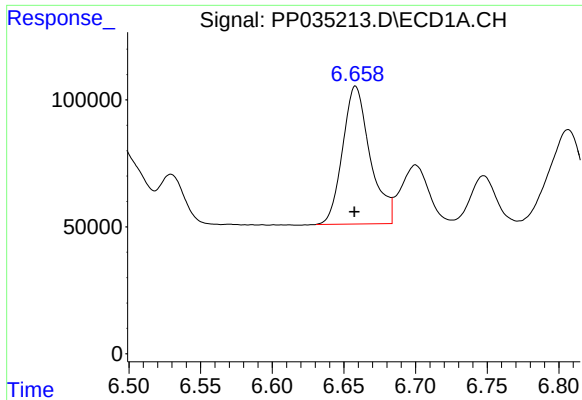
#6 AR-1016-4

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 730291
Conc: 421.63 ng/ml



#6 AR-1016-4

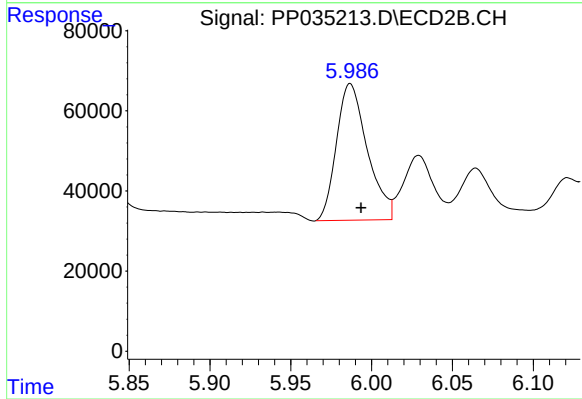
R.T.: 5.756 min
Delta R.T.: -0.006 min
Response: 347123
Conc: 414.83 ng/ml



#7 AR-1016-5

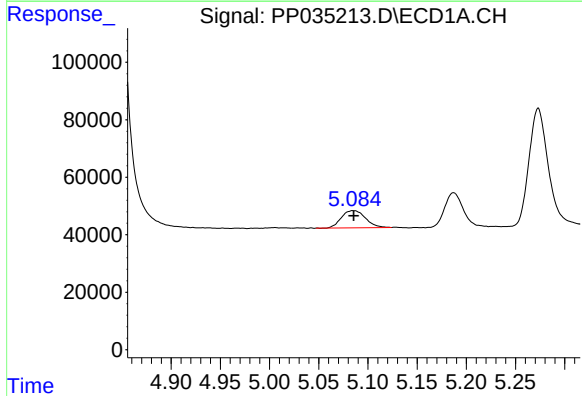
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 725758
Conc: 409.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



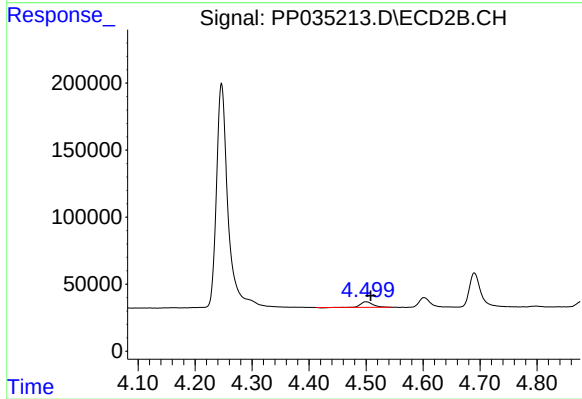
#7 AR-1016-5

R.T.: 5.987 min
Delta R.T.: -0.007 min
Response: 452749
Conc: 446.35 ng/ml



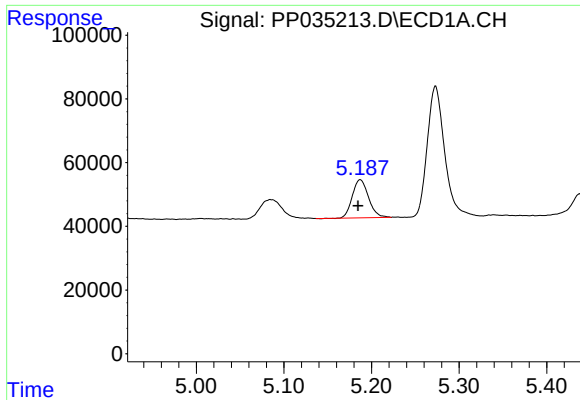
#8 AR-1221-1

R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 102160
Conc: 124.21 ng/ml



#8 AR-1221-1

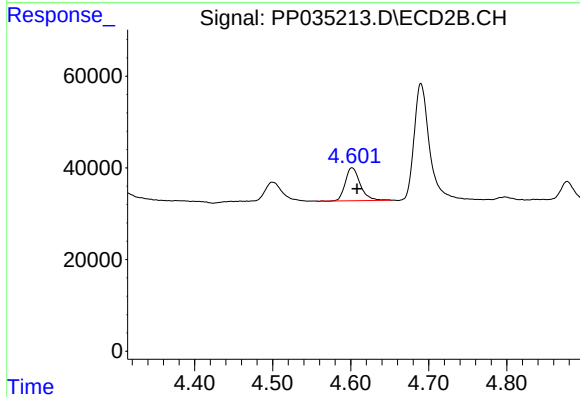
R.T.: 4.499 min
Delta R.T.: -0.009 min
Response: 63396
Conc: 128.96 ng/ml



#9 AR-1221-2

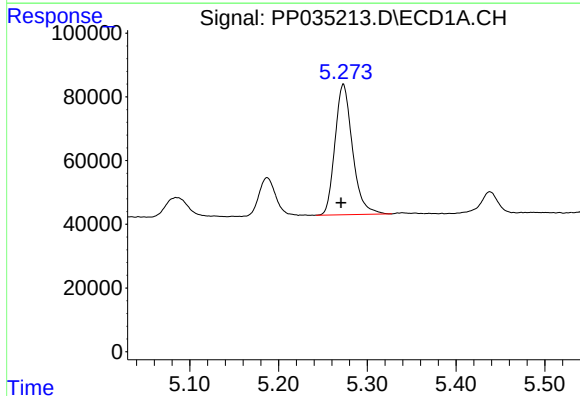
R.T.: 5.187 min
Delta R.T.: 0.002 min
Response: 154098
Conc: 244.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



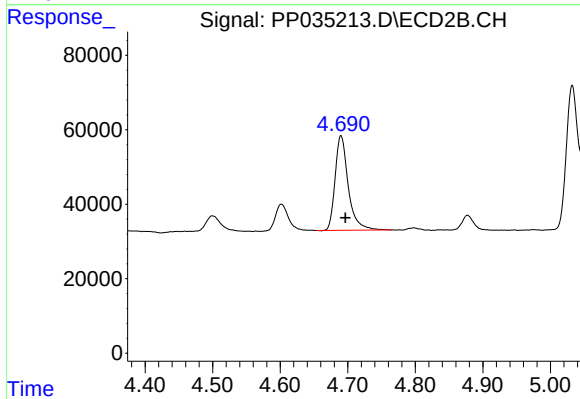
#9 AR-1221-2

R.T.: 4.602 min
Delta R.T.: -0.006 min
Response: 95113
Conc: 250.20 ng/ml



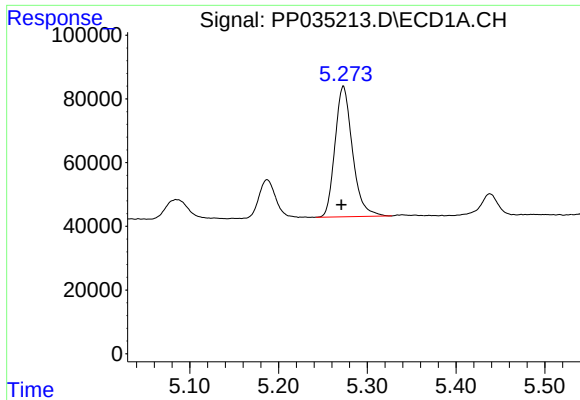
#10 AR-1221-3

R.T.: 5.273 min
Delta R.T.: 0.003 min
Response: 562457
Conc: 308.32 ng/ml



#10 AR-1221-3

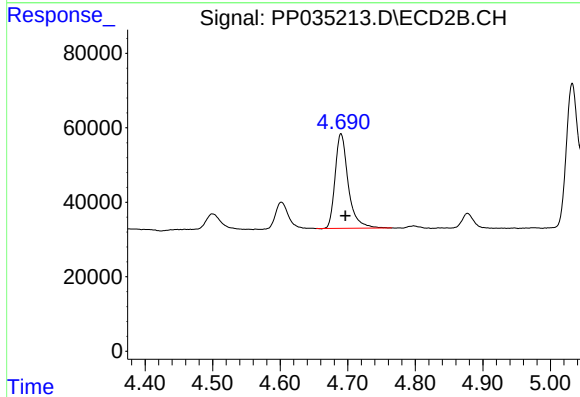
R.T.: 4.690 min
Delta R.T.: -0.007 min
Response: 343870
Conc: 297.44 ng/ml



#11 AR-1232-1

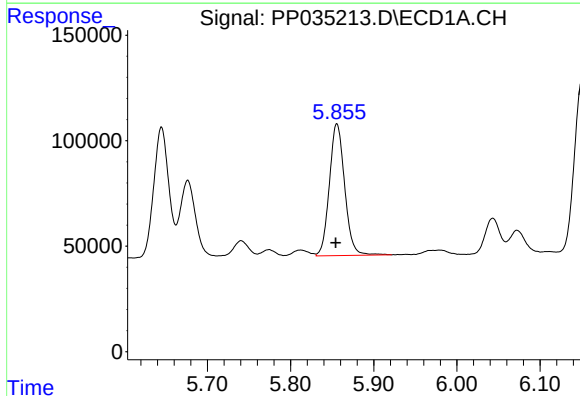
R.T.: 5.273 min
Delta R.T.: 0.002 min
Response: 562457
Conc: 395.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



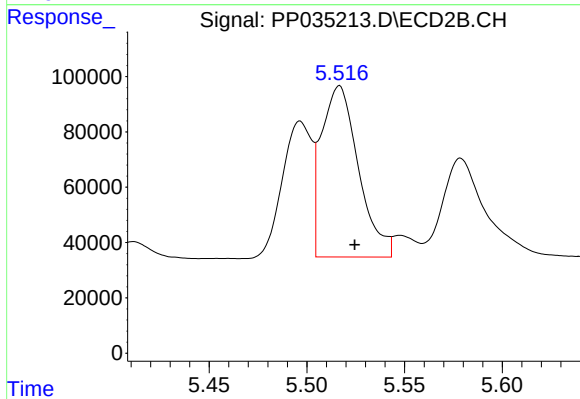
#11 AR-1232-1

R.T.: 4.690 min
Delta R.T.: -0.007 min
Response: 343870
Conc: 391.95 ng/ml



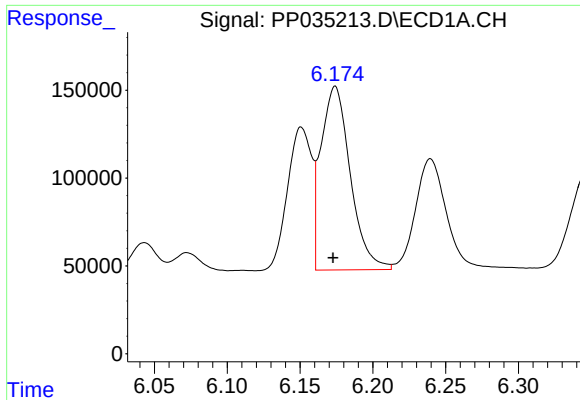
#12 AR-1232-2

R.T.: 5.856 min
Delta R.T.: 0.002 min
Response: 797335
Conc: 989.91 ng/ml



#12 AR-1232-2

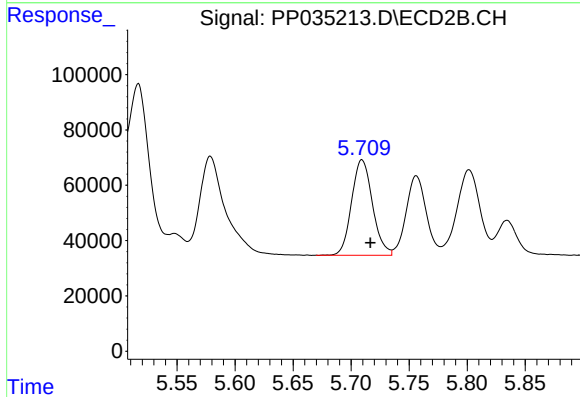
R.T.: 5.517 min
Delta R.T.: -0.008 min
Response: 815555
Conc: 1094.43 ng/ml



#13 AR-1232-3

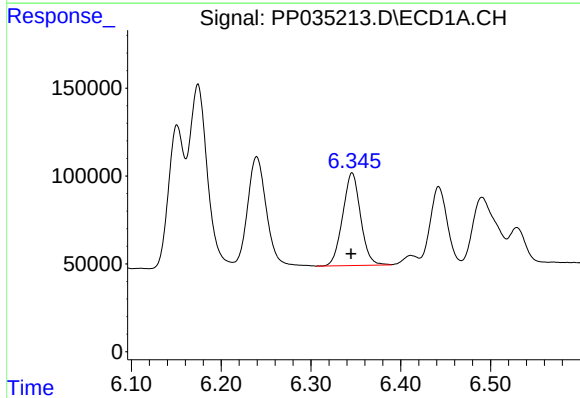
R.T.: 6.174 min
Delta R.T.: 0.002 min
Response: 1467309
Conc: 1160.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



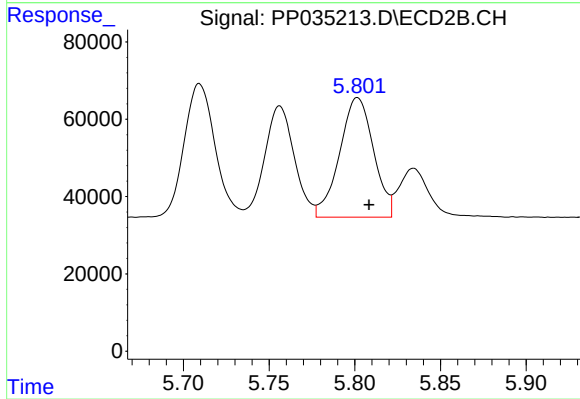
#13 AR-1232-3

R.T.: 5.709 min
Delta R.T.: -0.007 min
Response: 433165
Conc: 1260.51 ng/ml



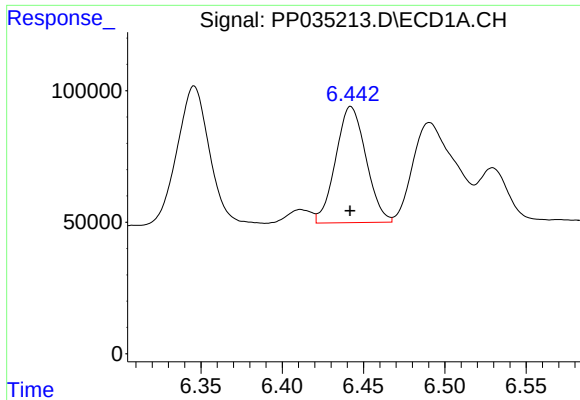
#14 AR-1232-4

R.T.: 6.346 min
Delta R.T.: 0.001 min
Response: 730291
Conc: 1147.00 ng/ml



#14 AR-1232-4

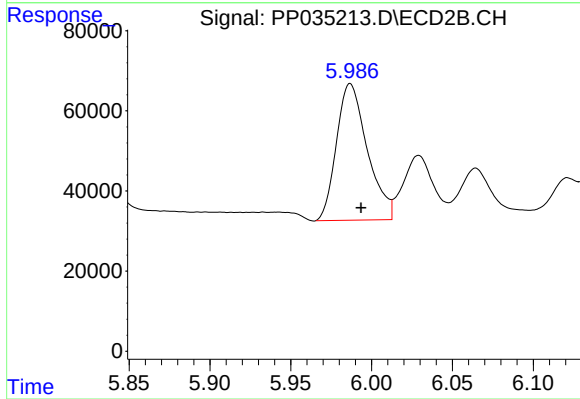
R.T.: 5.802 min
Delta R.T.: -0.007 min
Response: 427026
Conc: 1197.79 ng/ml



#15 AR-1232-5

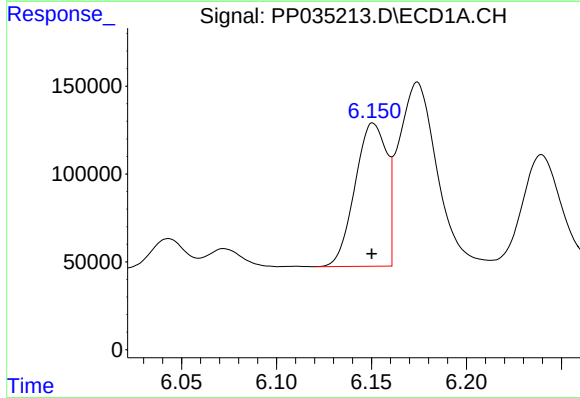
R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 572669
Conc: 1164.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



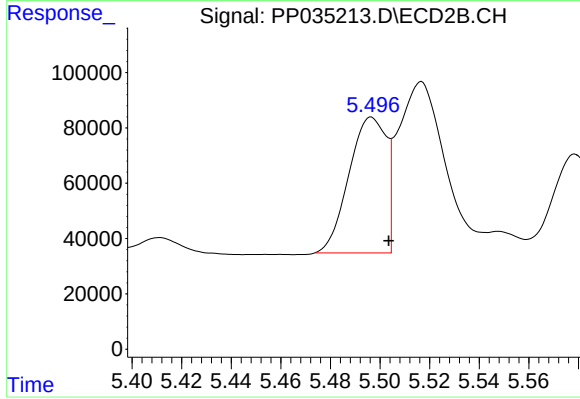
#15 AR-1232-5

R.T.: 5.987 min
Delta R.T.: -0.007 min
Response: 452749
Conc: 1210.06 ng/ml



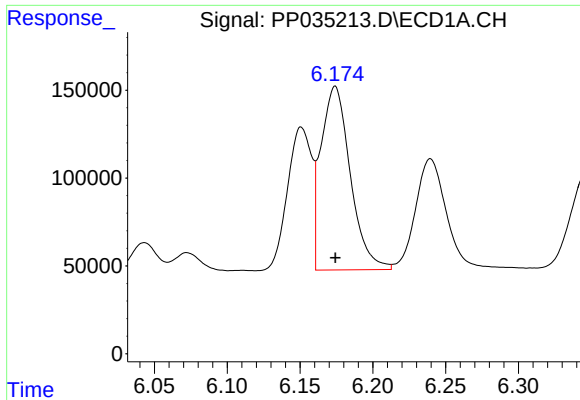
#16 AR-1242-1

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 944841
Conc: 623.11 ng/ml



#16 AR-1242-1

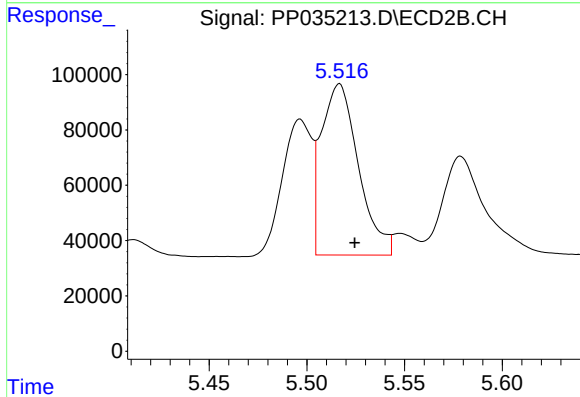
R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 512710
Conc: 659.90 ng/ml



#17 AR-1242-2

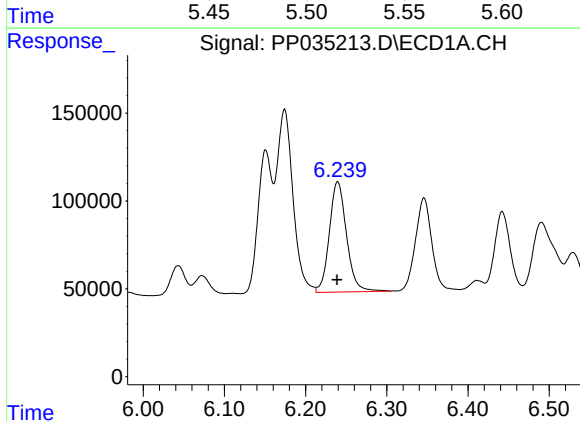
R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1467309
Conc: 598.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



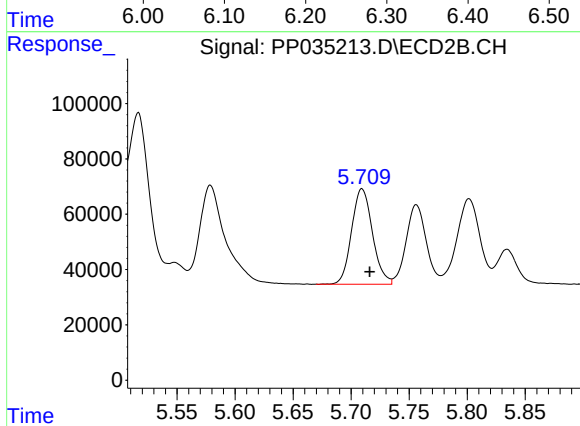
#17 AR-1242-2

R.T.: 5.517 min
Delta R.T.: -0.008 min
Response: 815555
Conc: 613.71 ng/ml



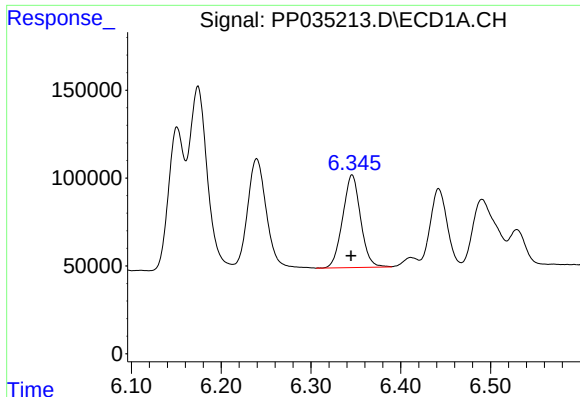
#18 AR-1242-3

R.T.: 6.240 min
Delta R.T.: 0.001 min
Response: 923695
Conc: 558.68 ng/ml



#18 AR-1242-3

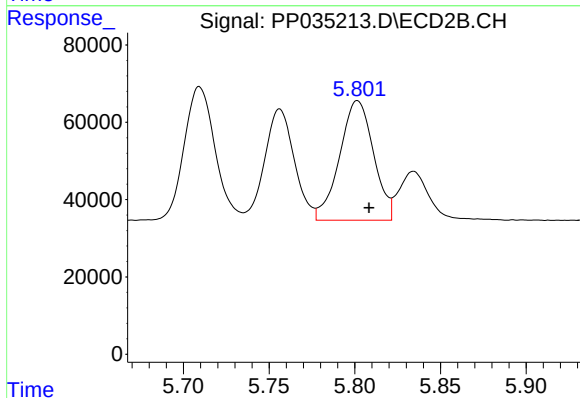
R.T.: 5.709 min
Delta R.T.: -0.007 min
Response: 433165
Conc: 655.90 ng/ml



#19 AR-1242-4

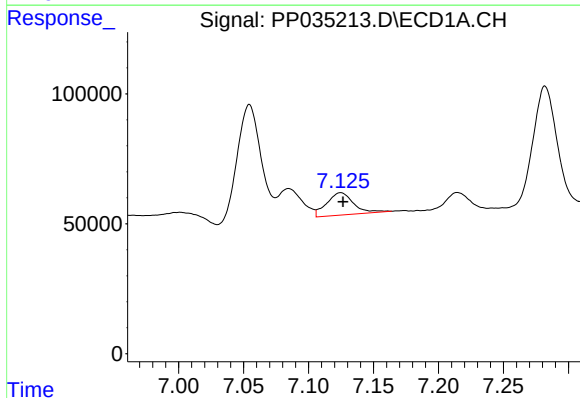
R.T.: 6.346 min
Delta R.T.: 0.001 min
Response: 730291
Conc: 561.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



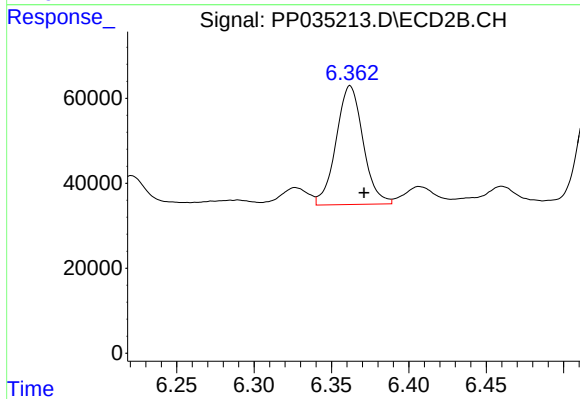
#19 AR-1242-4

R.T.: 5.802 min
Delta R.T.: -0.007 min
Response: 427026
Conc: 547.51 ng/ml



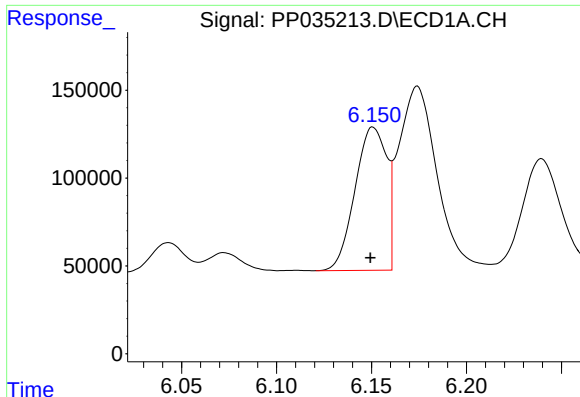
#20 AR-1242-5

R.T.: 7.125 min
Delta R.T.: -0.002 min
Response: 124091
Conc: 114.25 ng/ml



#20 AR-1242-5

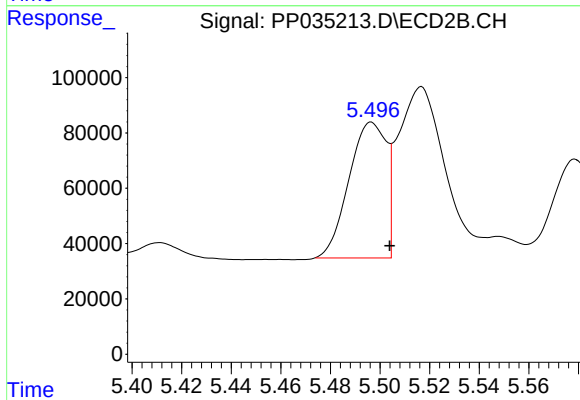
R.T.: 6.362 min
Delta R.T.: -0.009 min
Response: 339413
Conc: 456.68 ng/ml



#21 AR-1248-1

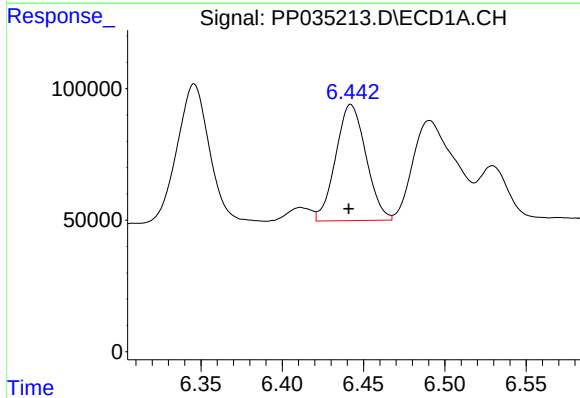
R.T.: 6.151 min
Delta R.T.: 0.001 min
Response: 944841
Conc: 789.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



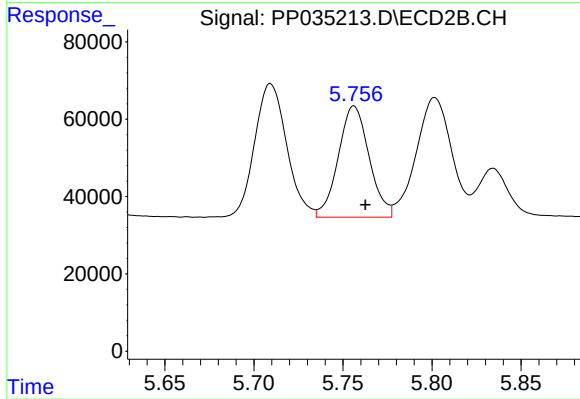
#21 AR-1248-1

R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 512710
Conc: 831.08 ng/ml



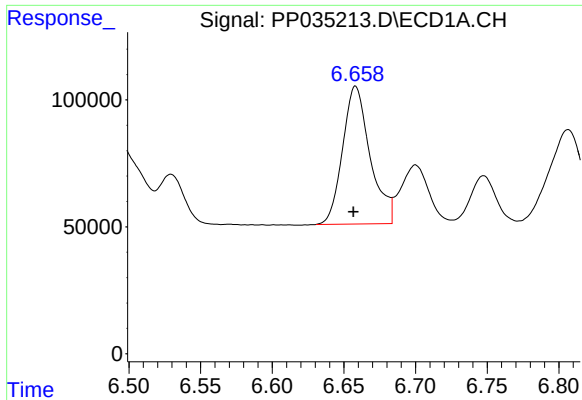
#22 AR-1248-2

R.T.: 6.442 min
Delta R.T.: 0.001 min
Response: 572669
Conc: 294.21 ng/ml



#22 AR-1248-2

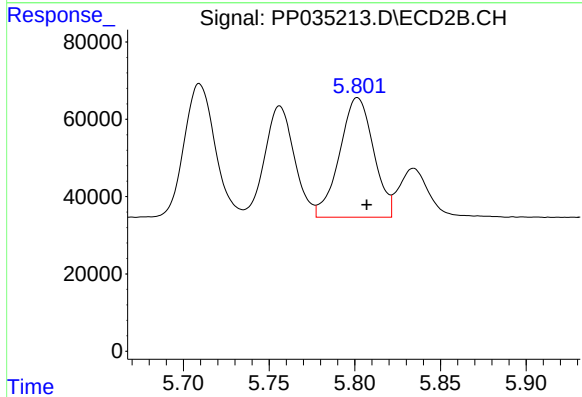
R.T.: 5.756 min
Delta R.T.: -0.007 min
Response: 347123
Conc: 324.60 ng/ml



#23 AR-1248-3

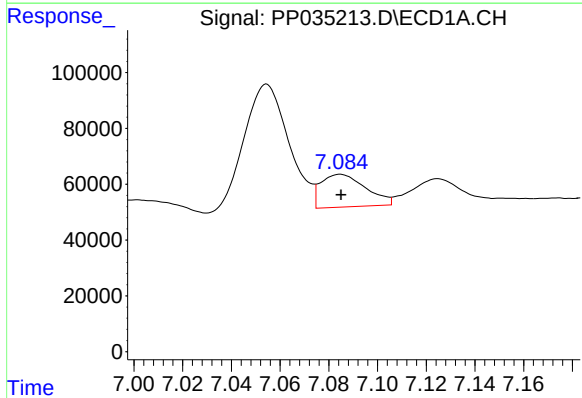
R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 725758
Conc: 321.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



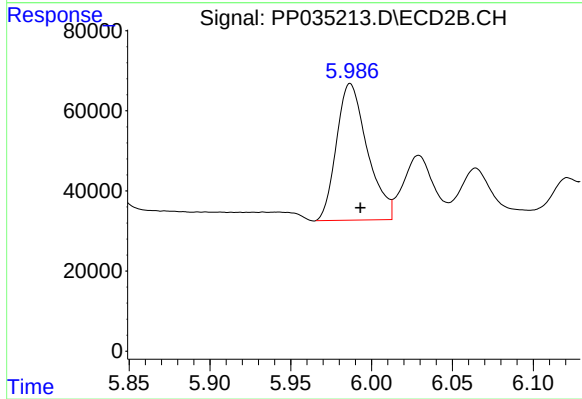
#23 AR-1248-3

R.T.: 5.802 min
Delta R.T.: -0.005 min
Response: 427026
Conc: 387.69 ng/ml



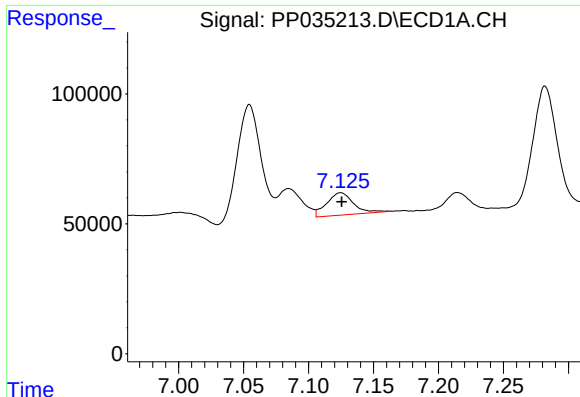
#24 AR-1248-4

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 150403
Conc: 79.46 ng/ml



#24 AR-1248-4

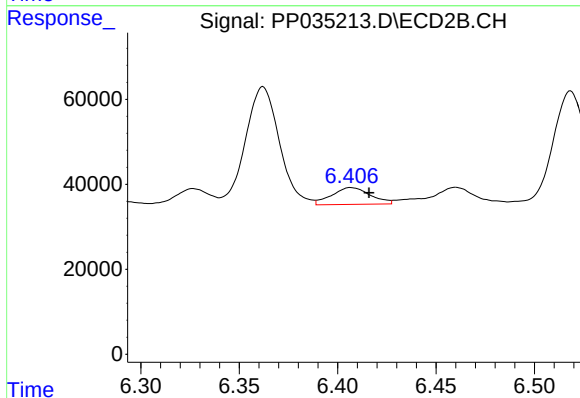
R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 452749
Conc: 359.30 ng/ml



#25 AR-1248-5

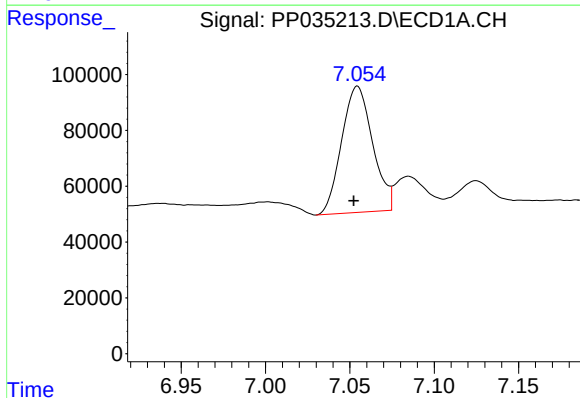
R.T.: 7.125 min
Delta R.T.: 0.000 min
Response: 124091
Conc: 64.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



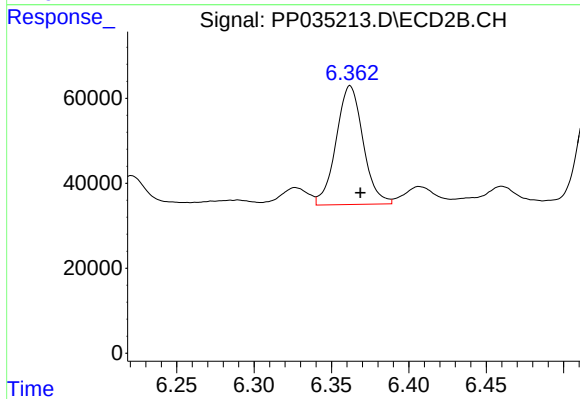
#25 AR-1248-5

R.T.: 6.407 min
Delta R.T.: -0.009 min
Response: 54030
Conc: 65.50 ng/ml



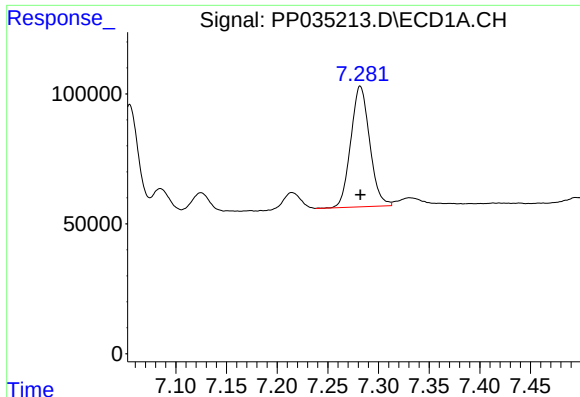
#26 AR-1254-1

R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 578805
Conc: 224.52 ng/ml



#26 AR-1254-1

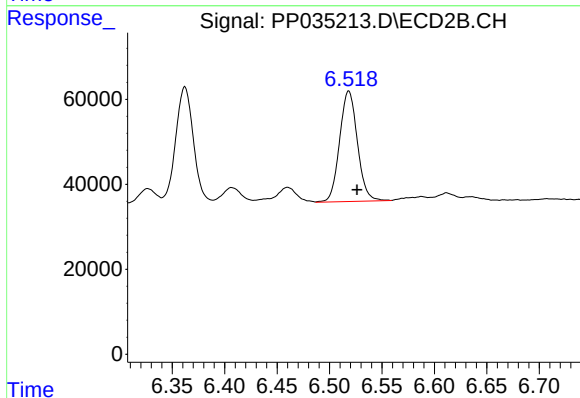
R.T.: 6.362 min
Delta R.T.: -0.007 min
Response: 339413
Conc: 200.51 ng/ml



#27 AR-1254-2

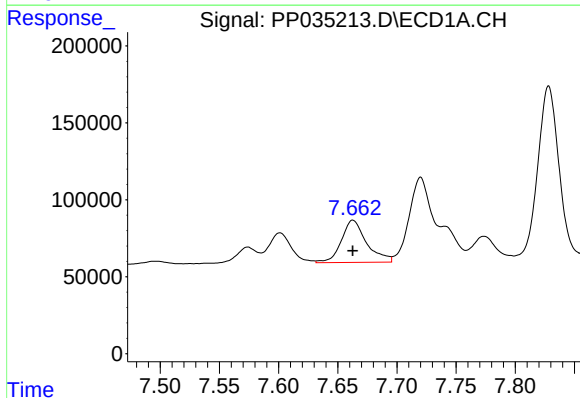
R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 602082
Conc: 159.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



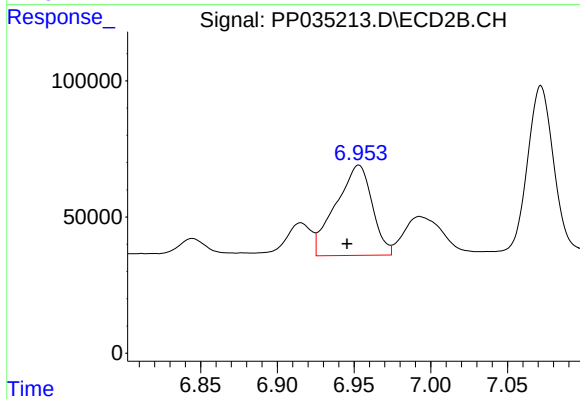
#27 AR-1254-2

R.T.: 6.518 min
Delta R.T.: -0.008 min
Response: 307158
Conc: 205.58 ng/ml



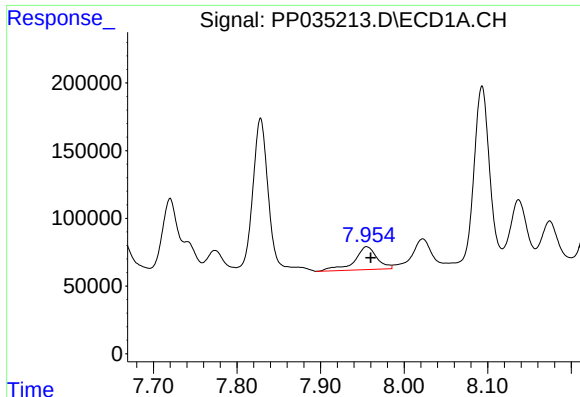
#28 AR-1254-3

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 408360
Conc: 109.45 ng/ml



#28 AR-1254-3

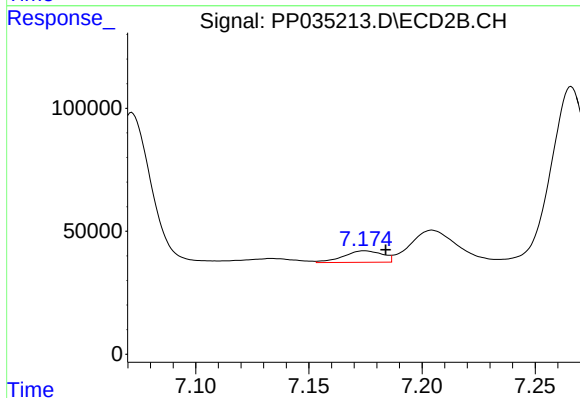
R.T.: 6.953 min
Delta R.T.: 0.008 min
Response: 548972
Conc: 258.16 ng/ml



#29 AR-1254-4

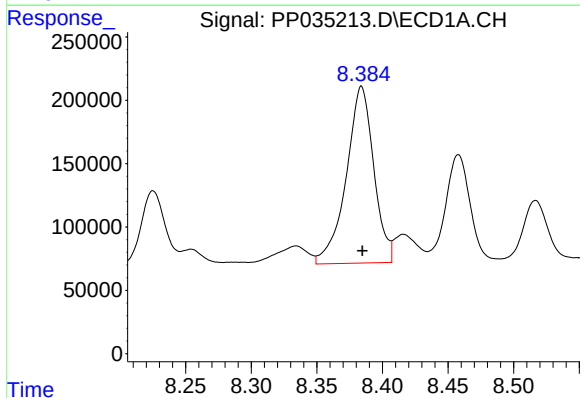
R.T.: 7.955 min
Delta R.T.: -0.005 min
Response: 318902
Conc: 152.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



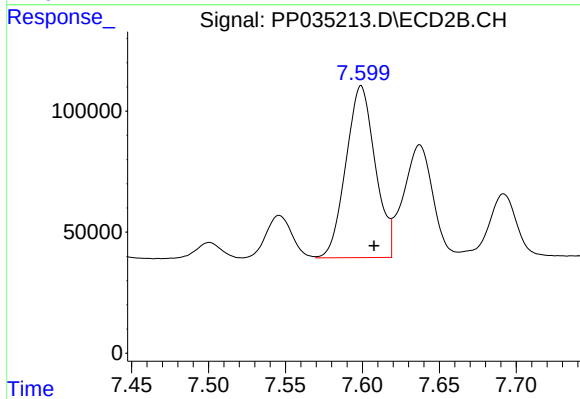
#29 AR-1254-4

R.T.: 7.175 min
Delta R.T.: -0.009 min
Response: 55841
Conc: 62.31 ng/ml



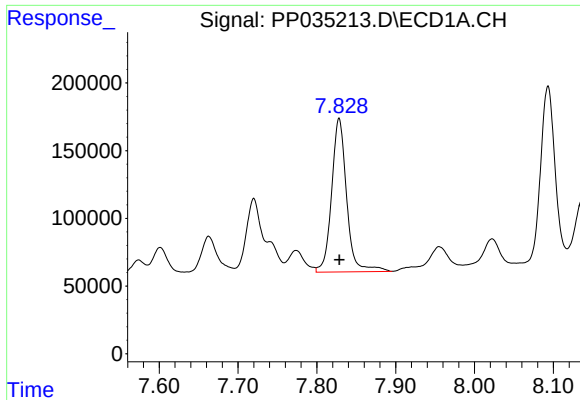
#30 AR-1254-5

R.T.: 8.384 min
Delta R.T.: 0.000 min
Response: 2033841
Conc: 699.11 ng/ml



#30 AR-1254-5

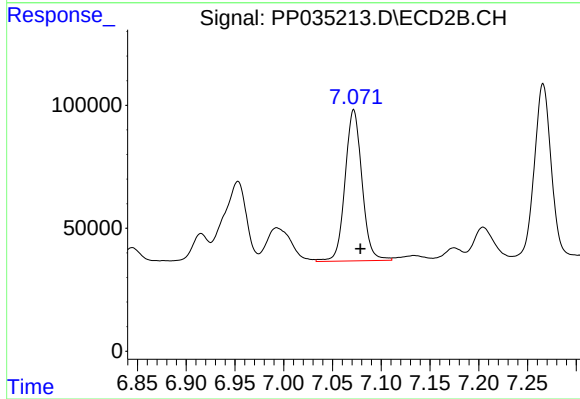
R.T.: 7.599 min
Delta R.T.: -0.008 min
Response: 938713
Conc: 528.13 ng/ml



#31 AR-1260-1

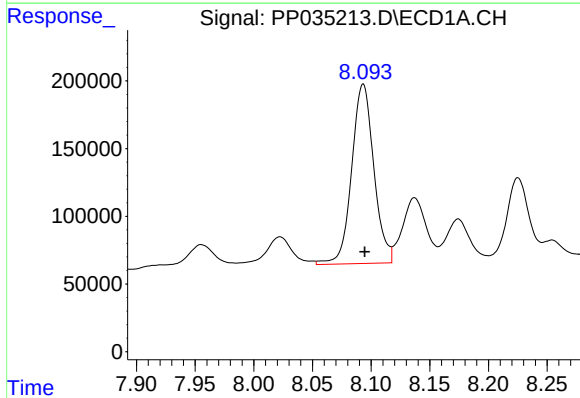
R.T.: 7.828 min
Delta R.T.: 0.000 min
Response: 1503230
Conc: 446.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



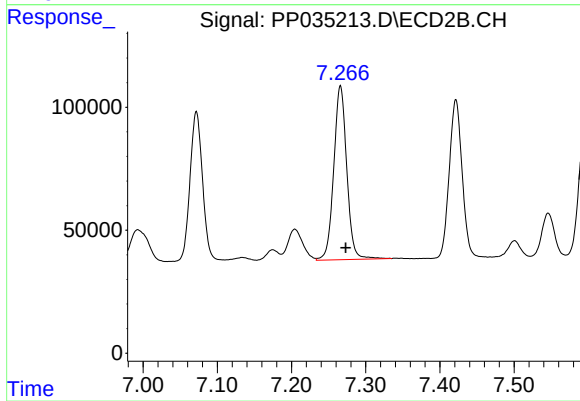
#31 AR-1260-1

R.T.: 7.072 min
Delta R.T.: -0.007 min
Response: 744228
Conc: 425.38 ng/ml



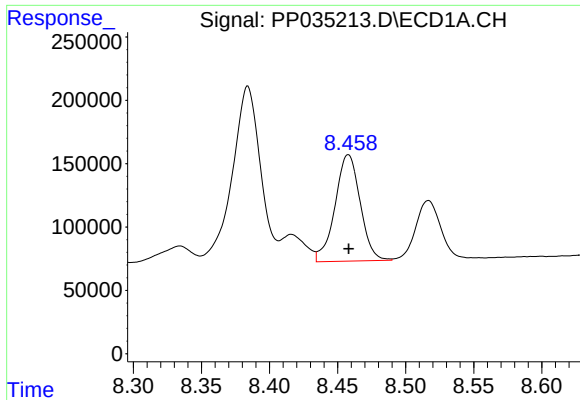
#32 AR-1260-2

R.T.: 8.093 min
Delta R.T.: -0.001 min
Response: 1743157
Conc: 512.03 ng/ml



#32 AR-1260-2

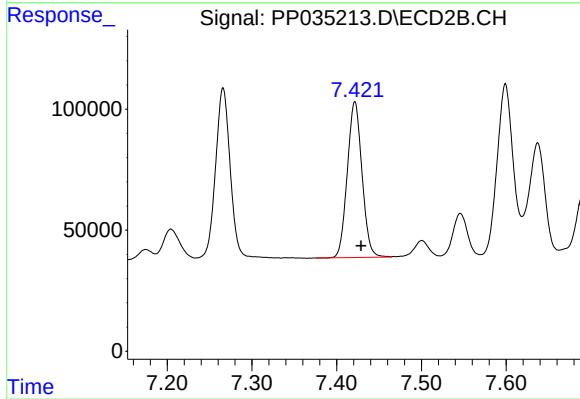
R.T.: 7.266 min
Delta R.T.: -0.007 min
Response: 862244
Conc: 483.69 ng/ml



#33 AR-1260-3

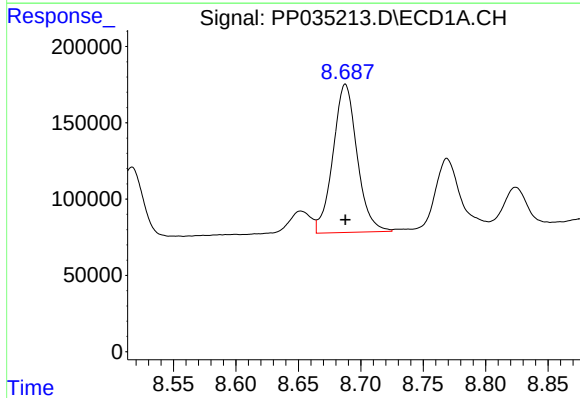
R.T.: 8.458 min
Delta R.T.: 0.000 min
Response: 1080866
Conc: 430.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



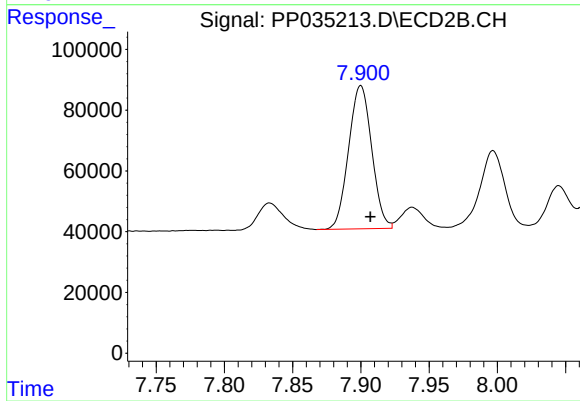
#33 AR-1260-3

R.T.: 7.422 min
Delta R.T.: -0.007 min
Response: 776143
Conc: 430.44 ng/ml



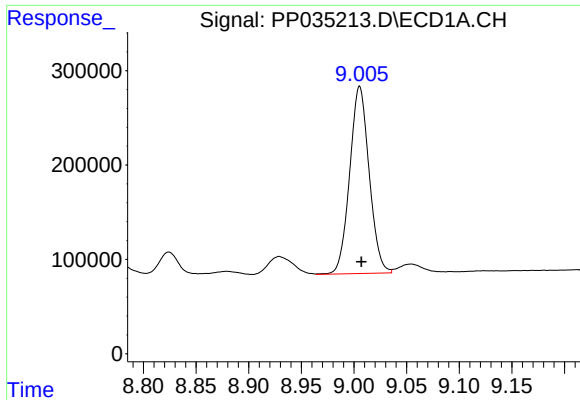
#34 AR-1260-4

R.T.: 8.688 min
Delta R.T.: 0.000 min
Response: 1307053
Conc: 445.29 ng/ml



#34 AR-1260-4

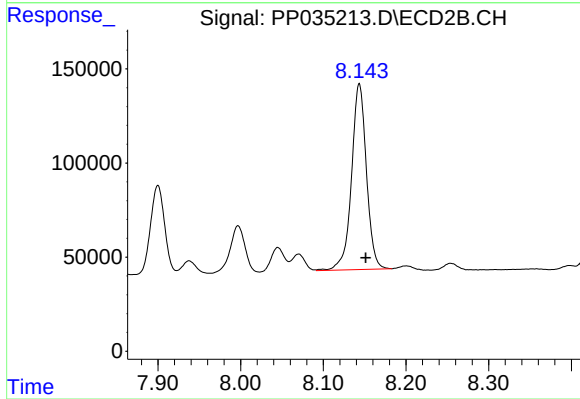
R.T.: 7.900 min
Delta R.T.: -0.007 min
Response: 555685
Conc: 436.55 ng/ml



#35 AR-1260-5

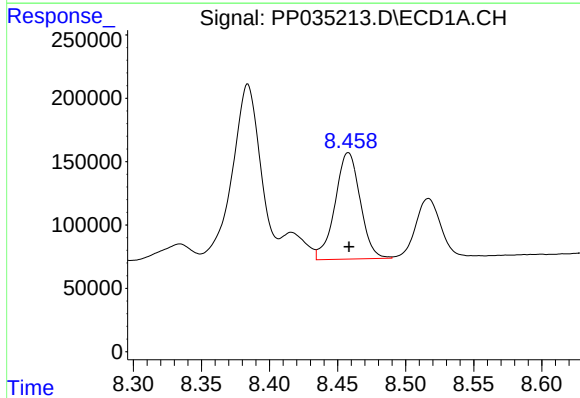
R.T.: 9.005 min
Delta R.T.: -0.001 min
Response: 2552246
Conc: 518.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



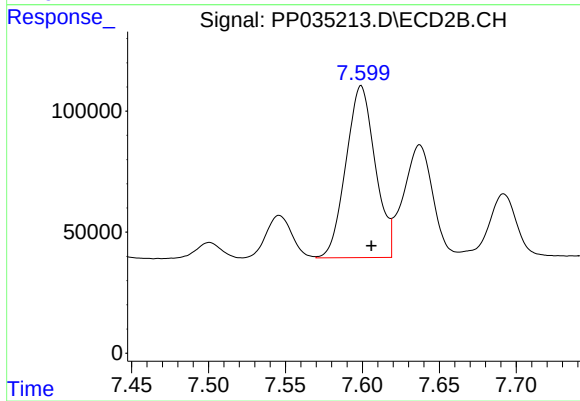
#35 AR-1260-5

R.T.: 8.144 min
Delta R.T.: -0.008 min
Response: 1237269
Conc: 508.90 ng/ml



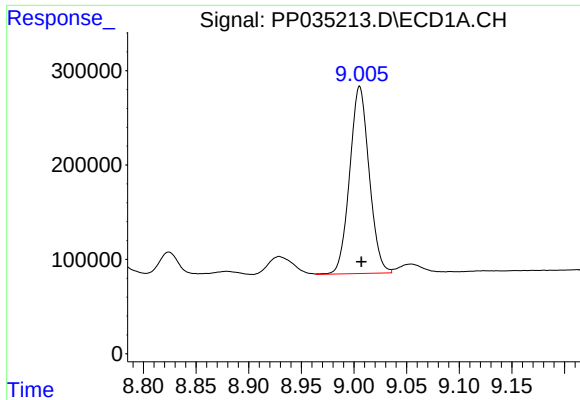
#36 AR-1262-1

R.T.: 8.458 min
Delta R.T.: 0.000 min
Response: 1080866
Conc: 288.82 ng/ml



#36 AR-1262-1

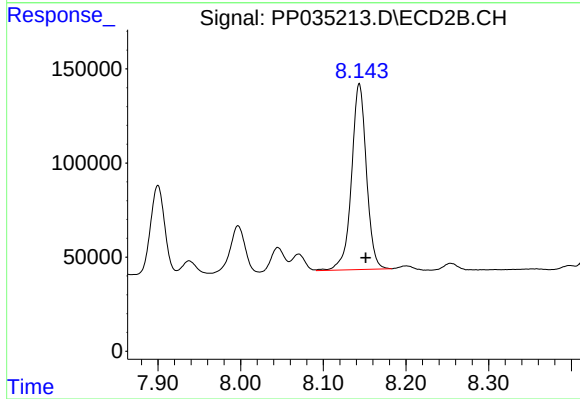
R.T.: 7.599 min
Delta R.T.: -0.007 min
Response: 938713
Conc: 1107.98 ng/ml



#37 AR-1262-2

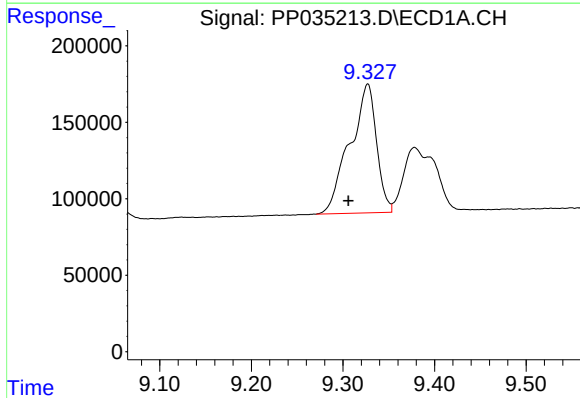
R.T.: 9.005 min
Delta R.T.: -0.001 min
Response: 2552246
Conc: 439.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



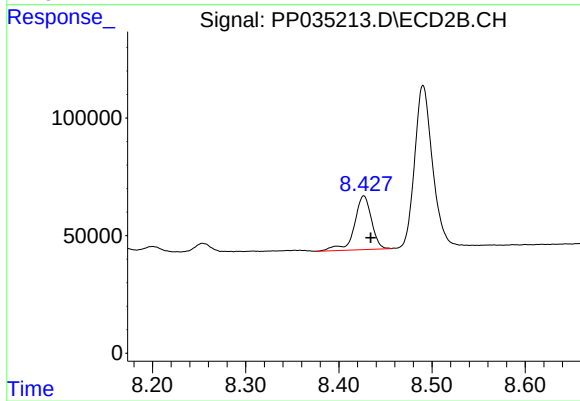
#37 AR-1262-2

R.T.: 8.144 min
Delta R.T.: -0.008 min
Response: 1237269
Conc: 462.10 ng/ml



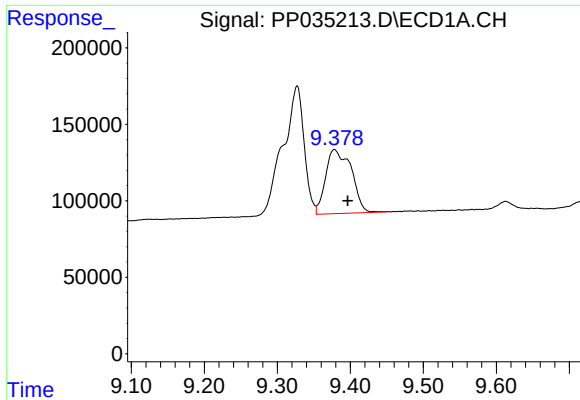
#38 AR-1262-3

R.T.: 9.327 min
Delta R.T.: 0.021 min
Response: 1704991
Conc: 396.74 ng/ml



#38 AR-1262-3

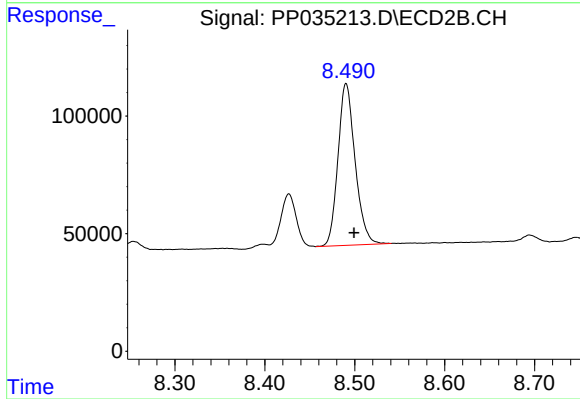
R.T.: 8.427 min
Delta R.T.: -0.008 min
Response: 290562
Conc: 233.45 ng/ml



#39 AR-1262-4

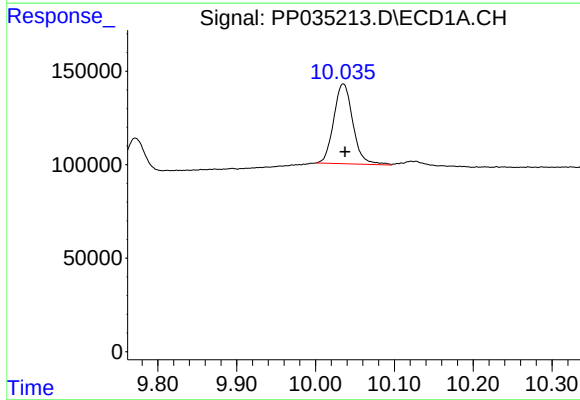
R.T.: 9.378 min
Delta R.T.: -0.018 min
Response: 1026508
Conc: 285.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



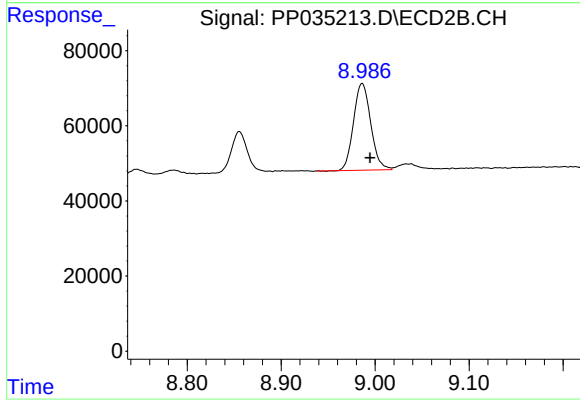
#39 AR-1262-4

R.T.: 8.490 min
Delta R.T.: -0.009 min
Response: 910150
Conc: 425.25 ng/ml



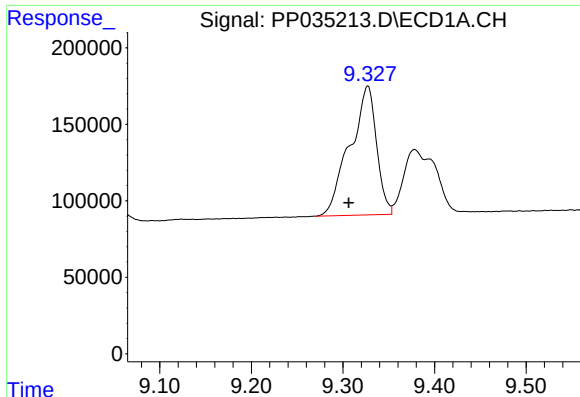
#40 AR-1262-5

R.T.: 10.035 min
Delta R.T.: -0.002 min
Response: 721077
Conc: 340.43 ng/ml



#40 AR-1262-5

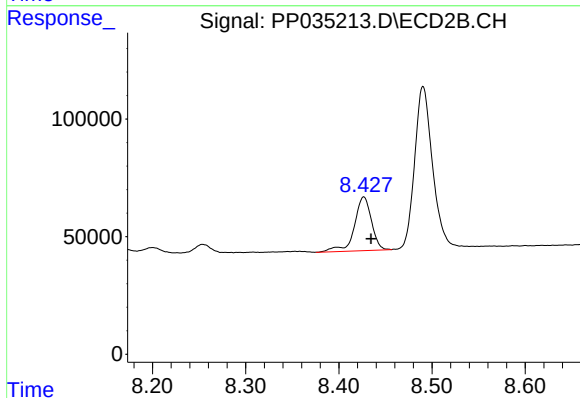
R.T.: 8.986 min
Delta R.T.: -0.008 min
Response: 293799
Conc: 342.35 ng/ml



#41 AR-1268-1

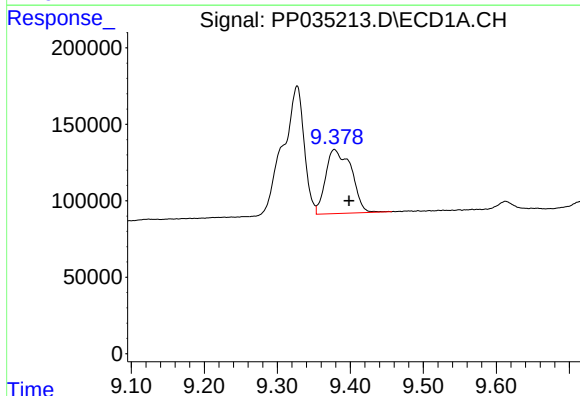
R.T.: 9.327 min
Delta R.T.: 0.021 min
Response: 1704991
Conc: 205.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



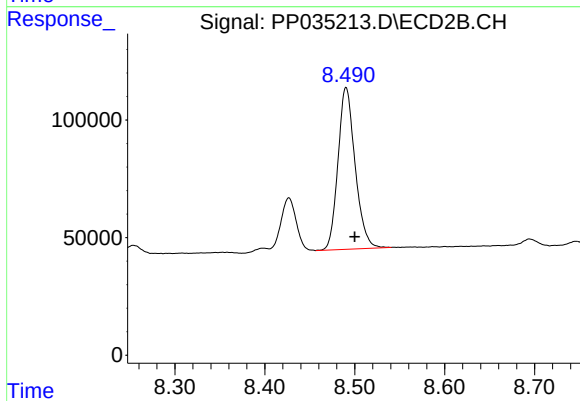
#41 AR-1268-1

R.T.: 8.427 min
Delta R.T.: -0.008 min
Response: 290562
Conc: 82.20 ng/ml



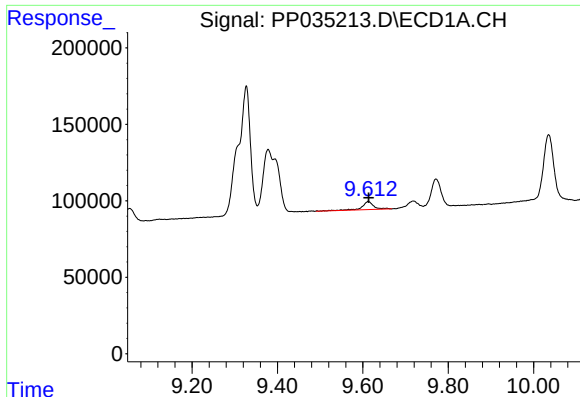
#42 AR-1268-2

R.T.: 9.378 min
Delta R.T.: -0.020 min
Response: 1026508
Conc: 128.49 ng/ml



#42 AR-1268-2

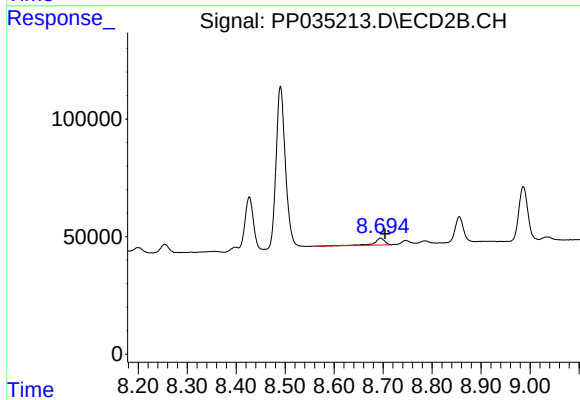
R.T.: 8.490 min
Delta R.T.: -0.010 min
Response: 910150
Conc: 269.10 ng/ml



#43 AR-1268-3

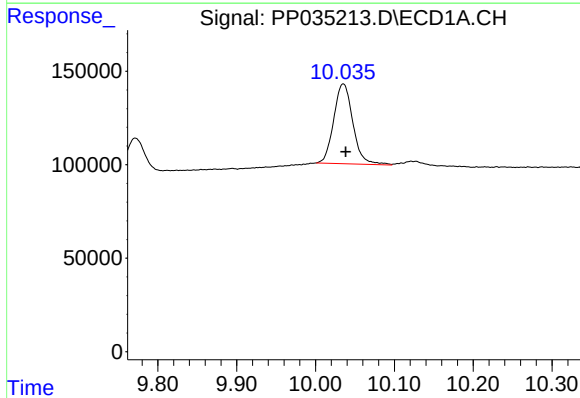
R.T.: 9.613 min
Delta R.T.: -0.001 min
Response: 100955
Conc: 13.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



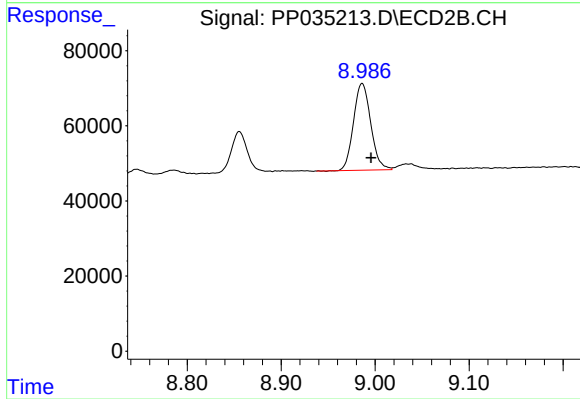
#43 AR-1268-3

R.T.: 8.695 min
Delta R.T.: -0.009 min
Response: 44372
Conc: 14.31 ng/ml



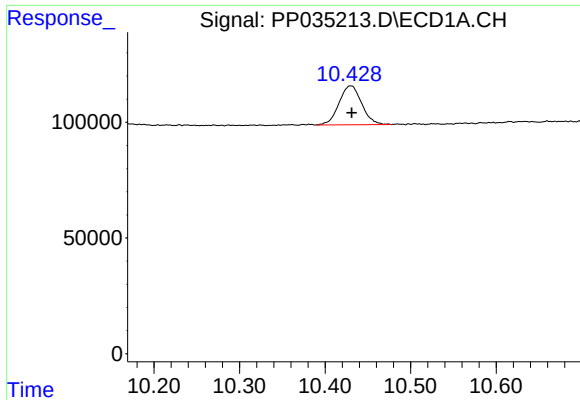
#44 AR-1268-4

R.T.: 10.035 min
Delta R.T.: -0.003 min
Response: 721077
Conc: 301.65 ng/ml



#44 AR-1268-4

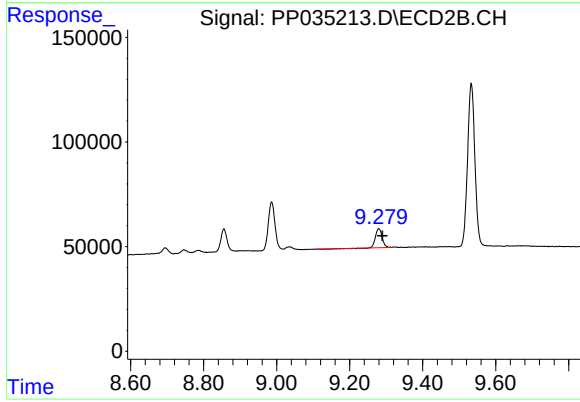
R.T.: 8.986 min
Delta R.T.: -0.010 min
Response: 293799
Conc: 278.64 ng/ml



#45 AR-1268-5

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 309047
Conc: 13.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.280 min
Delta R.T.: -0.010 min
Response: 111246
Conc: 14.30 ng/ml