

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102021\
 Data File : PP040251.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Oct 2021 10:00
 Operator : AJ\MA
 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: Oct 21 01:59:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 13 08:03:59 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...	4.900	3.979	1673488	755046	55.106	44.662
2)	SA Decachlor...	10.916	9.305	1156982	962888	46.810	45.370
Target Compounds							
3)	L1 AR-1016-1	6.222	5.242	483229	293211	489.390	449.296
4)	L1 AR-1016-2	6.245	5.262	733004	411642	512.951	450.259
5)	L1 AR-1016-3	6.311	5.456	459144	226137	526.862	446.982
6)	L1 AR-1016-4	6.419	5.508	373133	185831	524.402	453.851
7)	L1 AR-1016-5	6.734	5.738	351560	215091	549.658	429.613
8)	L2 AR-1221-1	5.144	4.238	48577	28904	139.485	141.240
9)	L2 AR-1221-2	5.249	4.338	66171	47715	297.006	283.669
10)	L2 AR-1221-3	5.335	4.428	278432	171814	345.371	317.269
11)	L3 AR-1232-1	5.335	4.428	278432	171814	447.463	423.021
12)	L3 AR-1232-2	5.925	5.262	384968	411642	1121.641	1052.967
13)	L3 AR-1232-3	6.245	5.456	733004	226137	1159.651	1091.732
14)	L3 AR-1232-4	6.419	5.552	373133	228671	1189.715	1208.551
15)	L3 AR-1232-5	6.516	5.738	308052	215091	1313.705	1041.801
16)	L4 AR-1242-1	6.222	5.242	483229	293211	615.435	589.274
17)	L4 AR-1242-2	6.245	5.262	733004	411642	646.220	602.698
18)	L4 AR-1242-3	6.311	5.456	459144	226137	660.629	599.365
19)	L4 AR-1242-4	6.419	5.552	373133	228671	647.584	617.317
20)	L4 AR-1242-5	7.203	6.120	72893	186085	139.376	390.144 #
21)	L5 AR-1248-1	6.222	5.242	483229	293211	783.319	752.060
22)	L5 AR-1248-2	6.516	5.508	308052	185831	384.817	345.732
23)	L5 AR-1248-3	6.734	5.552	351560	228671	392.081	404.519
24)	L5 AR-1248-4	7.163	5.738	68529	215091	74.469	336.573 #
25)	L5 AR-1248-5	7.203	6.161	72893	35679	82.403	57.193 #
26)	L6 AR-1254-1	7.132	6.120	254792	186085	274.620	194.237 #
27)	L6 AR-1254-2	7.361	6.279	229786	175180	165.986	198.482
28)	L6 AR-1254-3	7.745	6.719	147242	324364	103.352	237.914 #
29)	L6 AR-1254-4	8.039	6.941	120905	42009	114.257	48.977 #
30)	L6 AR-1254-5	8.469	7.372	747370	638916	639.412	494.973
31)	L7 AR-1260-1	7.911	6.839	554954	459730	508.018	458.978
32)	L7 AR-1260-2	8.177	7.036	621998	555643	455.087	469.251
33)	L7 AR-1260-3	8.543	7.193	432419	517302	474.535	437.833
34)	L7 AR-1260-4	8.774	7.678	518108	418921	490.862	476.632
35)	L7 AR-1260-5	9.099	7.926	971372	954119	469.068	466.858
36)	L8 AR-1262-1	8.543	7.372	432419	638916	317.102	909.525 #
37)	L8 AR-1262-2	9.099	7.926	971372	954119	391.702	423.974
38)	L8 AR-1262-3	9.430f	8.213	658984	209651	572.982	215.273 #
39)	L8 AR-1262-4	9.484	8.277	404248	722612	494.743	407.608
40)	L8 AR-1262-5	10.167	8.776	282595	253834	297.435	280.304
41)	L9 AR-1268-1	9.430f	8.213	658984	209651	223.153	77.698 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

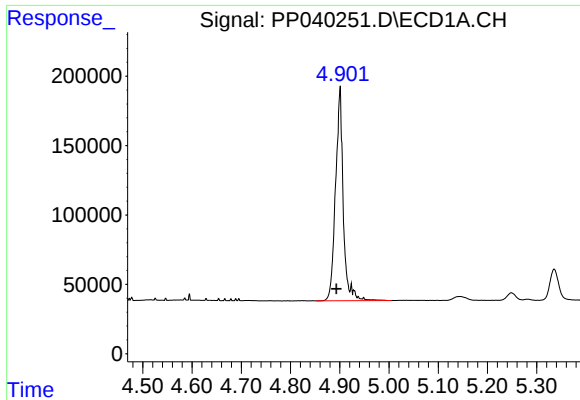
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 01:59:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
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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
42) L9	AR-1268-2	9.484f	8.277	404248	722612	143.180	288.615 #
43) L9	AR-1268-3	0.000	8.487	0	13741	N.D.	6.275 #
44) L9	AR-1268-4	10.167	8.776	282595	253834	274.200	255.976
45) L9	AR-1268-5	10.580	9.059	101613	83273	11.814	11.681

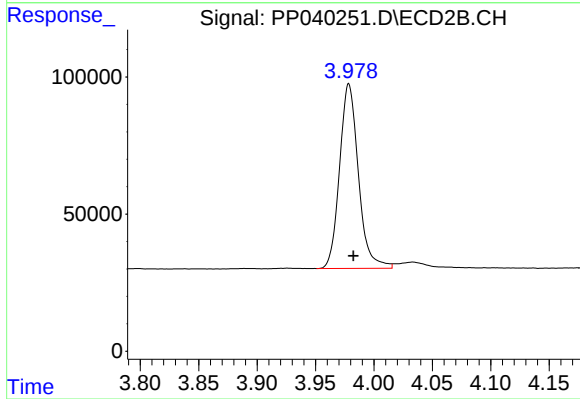
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

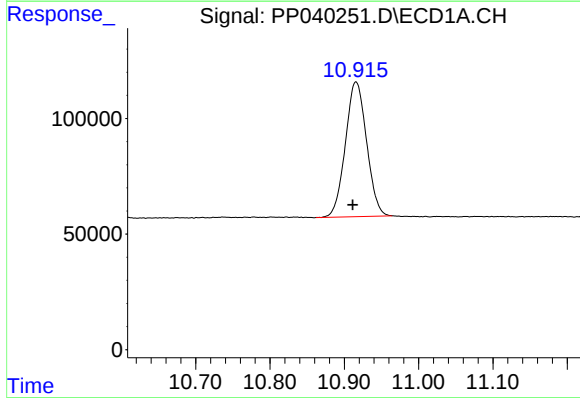
R.T.: 4.900 min
Delta R.T.: 0.007 min
Response: 1673488
Conc: 55.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



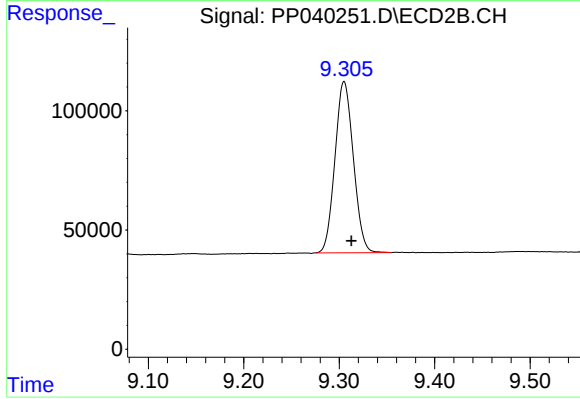
#1 Tetrachloro-m-xylene

R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 755046
Conc: 44.66 ng/ml



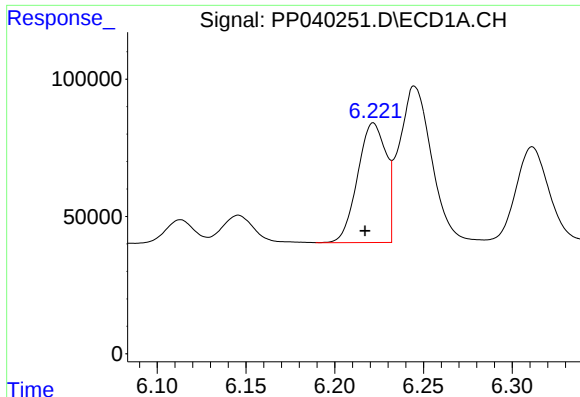
#2 Decachlorobiphenyl

R.T.: 10.916 min
Delta R.T.: 0.005 min
Response: 1156982
Conc: 46.81 ng/ml



#2 Decachlorobiphenyl

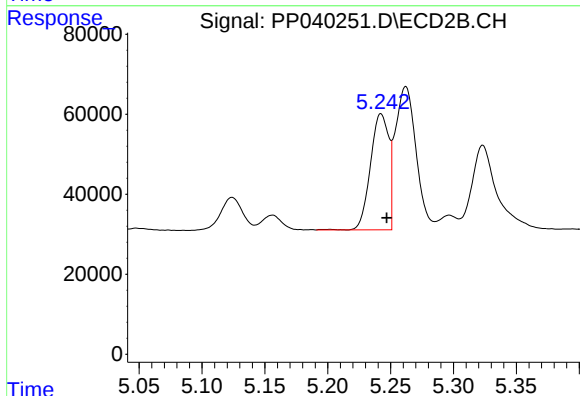
R.T.: 9.305 min
Delta R.T.: -0.008 min
Response: 962888
Conc: 45.37 ng/ml



#3 AR-1016-1

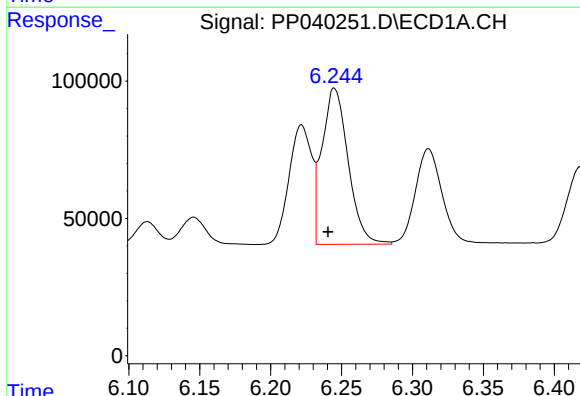
R.T.: 6.222 min
Delta R.T.: 0.005 min
Response: 483229
Conc: 489.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



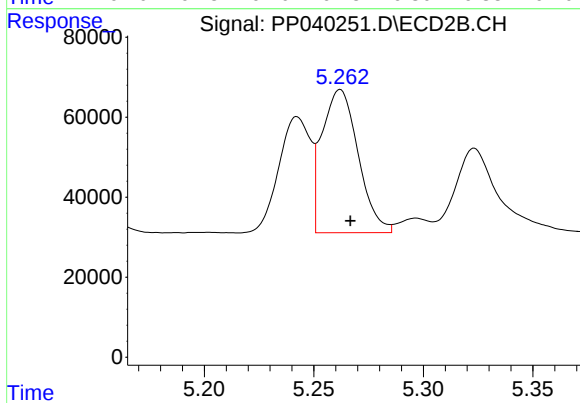
#3 AR-1016-1

R.T.: 5.242 min
Delta R.T.: -0.005 min
Response: 293211
Conc: 449.30 ng/ml



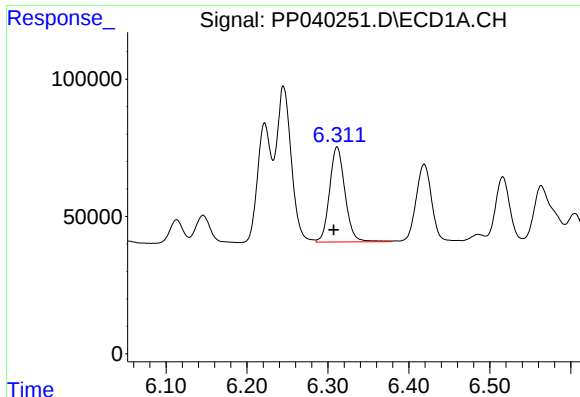
#4 AR-1016-2

R.T.: 6.245 min
Delta R.T.: 0.005 min
Response: 733004
Conc: 512.95 ng/ml



#4 AR-1016-2

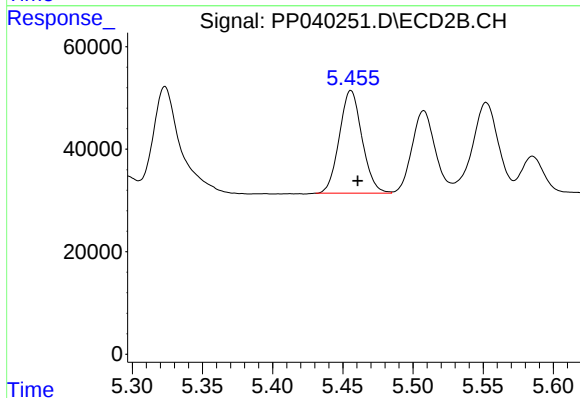
R.T.: 5.262 min
Delta R.T.: -0.005 min
Response: 411642
Conc: 450.26 ng/ml



#5 AR-1016-3

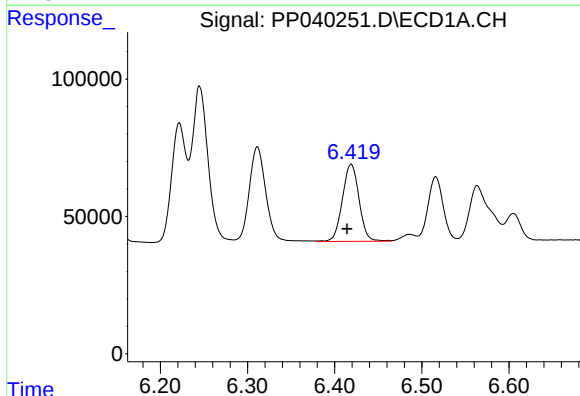
R.T.: 6.311 min
Delta R.T.: 0.004 min
Response: 459144
Conc: 526.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



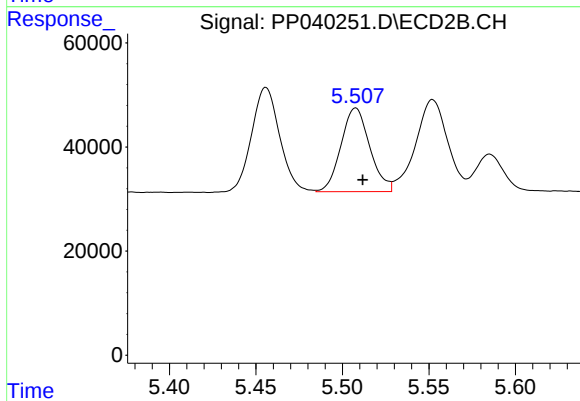
#5 AR-1016-3

R.T.: 5.456 min
Delta R.T.: -0.005 min
Response: 226137
Conc: 446.98 ng/ml



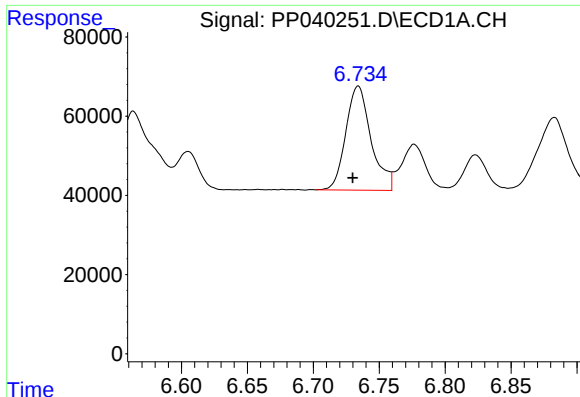
#6 AR-1016-4

R.T.: 6.419 min
Delta R.T.: 0.005 min
Response: 373133
Conc: 524.40 ng/ml



#6 AR-1016-4

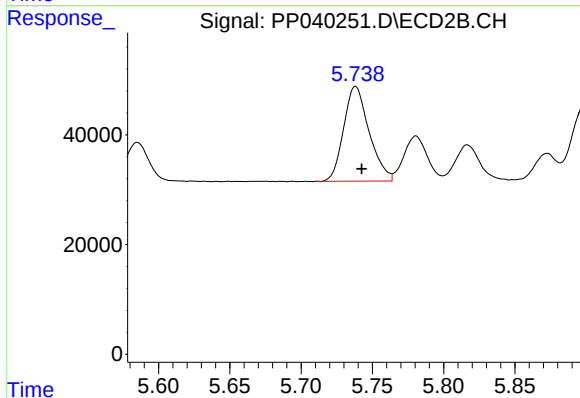
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 185831
Conc: 453.85 ng/ml



#7 AR-1016-5

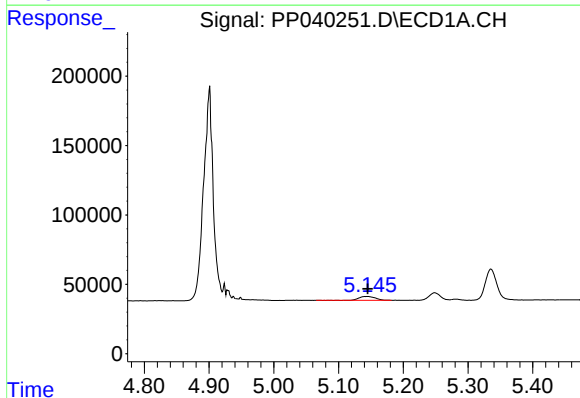
R.T.: 6.734 min
Delta R.T.: 0.004 min
Response: 351560
Conc: 549.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



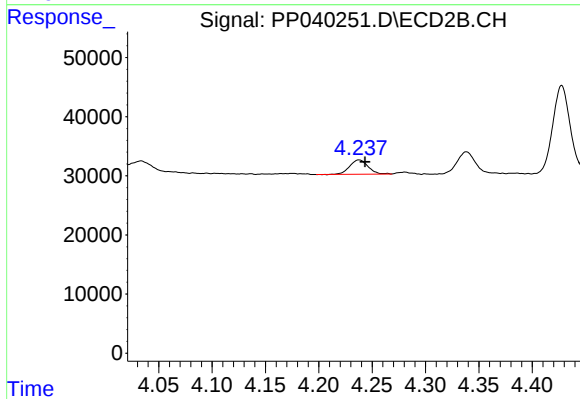
#7 AR-1016-5

R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 215091
Conc: 429.61 ng/ml



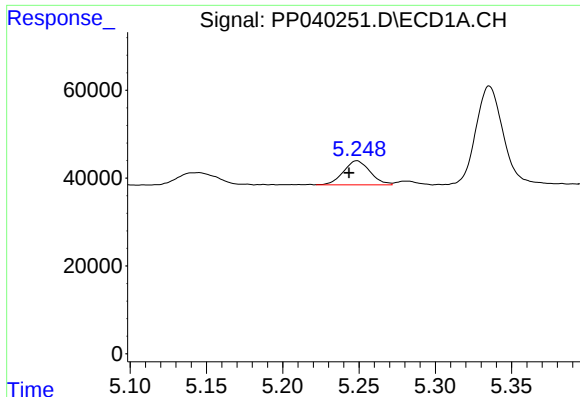
#8 AR-1221-1

R.T.: 5.144 min
Delta R.T.: -0.002 min
Response: 48577
Conc: 139.49 ng/ml



#8 AR-1221-1

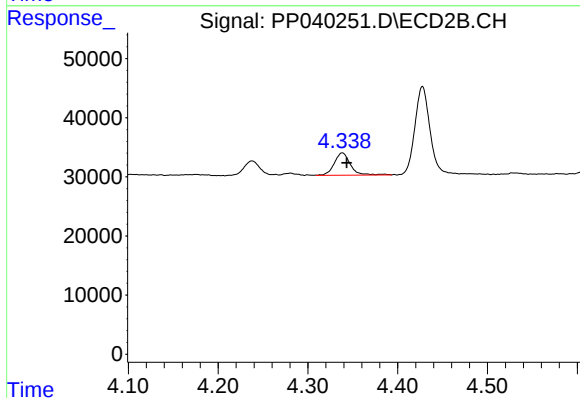
R.T.: 4.238 min
Delta R.T.: -0.006 min
Response: 28904
Conc: 141.24 ng/ml



#9 AR-1221-2

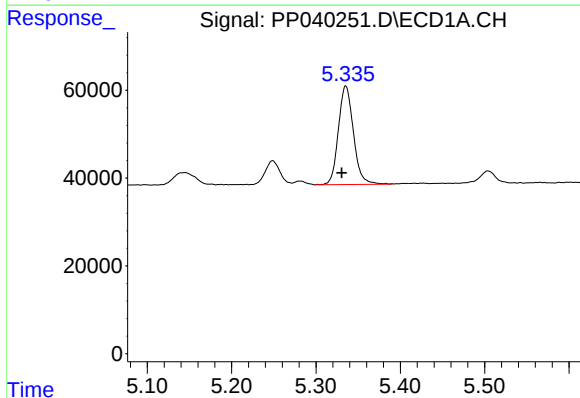
R.T.: 5.249 min
Delta R.T.: 0.005 min
Response: 66171
Conc: 297.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



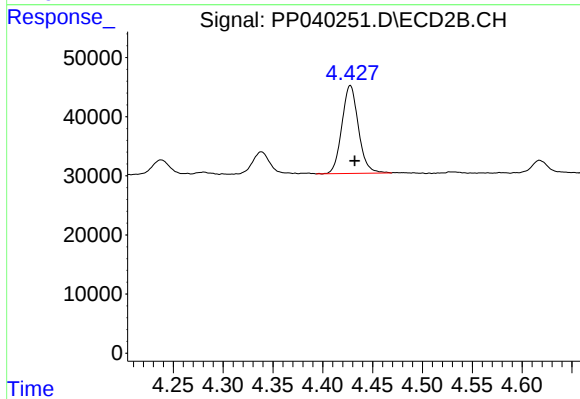
#9 AR-1221-2

R.T.: 4.338 min
Delta R.T.: -0.005 min
Response: 47715
Conc: 283.67 ng/ml



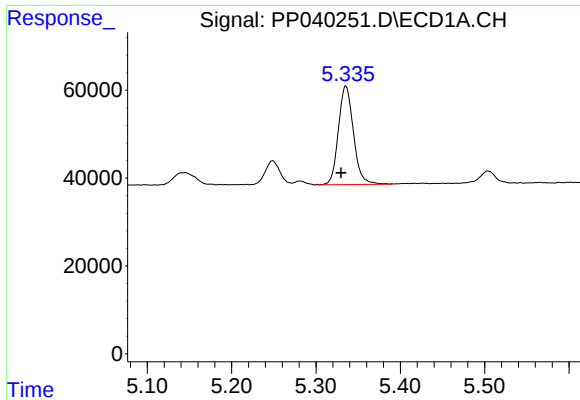
#10 AR-1221-3

R.T.: 5.335 min
Delta R.T.: 0.005 min
Response: 278432
Conc: 345.37 ng/ml



#10 AR-1221-3

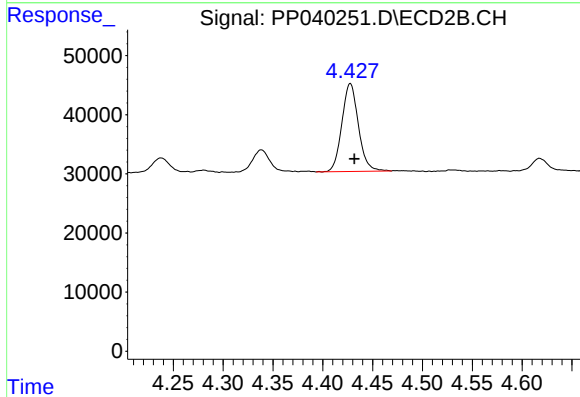
R.T.: 4.428 min
Delta R.T.: -0.005 min
Response: 171814
Conc: 317.27 ng/ml



#11 AR-1232-1

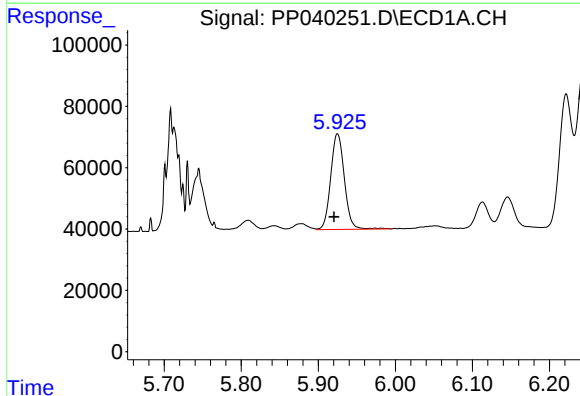
R.T.: 5.335 min
Delta R.T.: 0.006 min
Response: 278432
Conc: 447.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



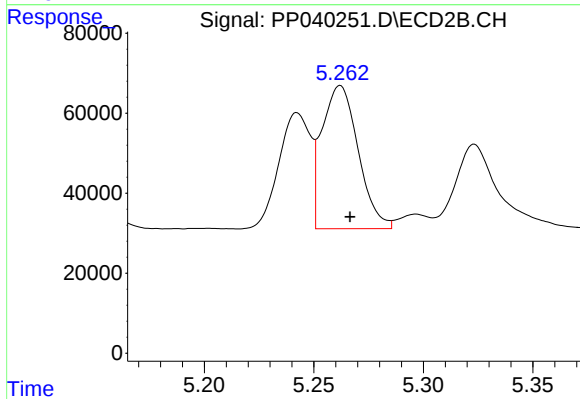
#11 AR-1232-1

R.T.: 4.428 min
Delta R.T.: -0.004 min
Response: 171814
Conc: 423.02 ng/ml



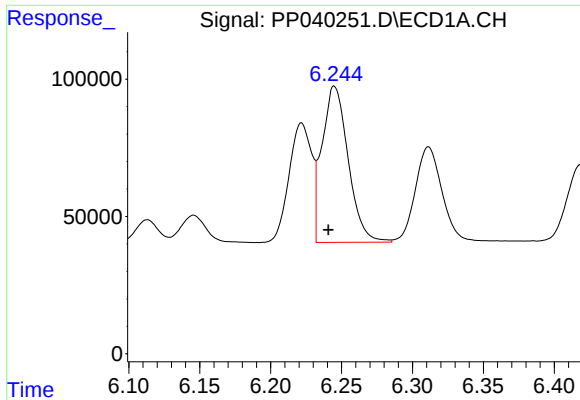
#12 AR-1232-2

R.T.: 5.925 min
Delta R.T.: 0.005 min
Response: 384968
Conc: 1121.64 ng/ml



#12 AR-1232-2

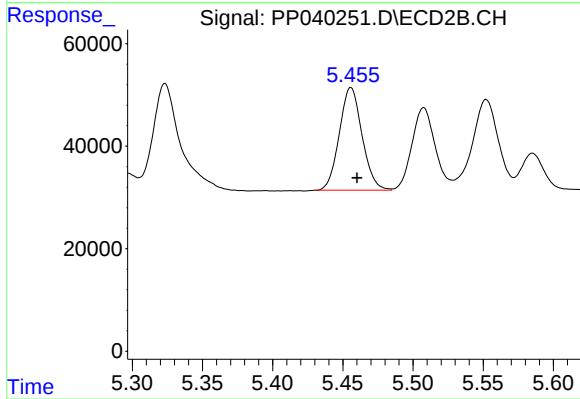
R.T.: 5.262 min
Delta R.T.: -0.005 min
Response: 411642
Conc: 1052.97 ng/ml



#13 AR-1232-3

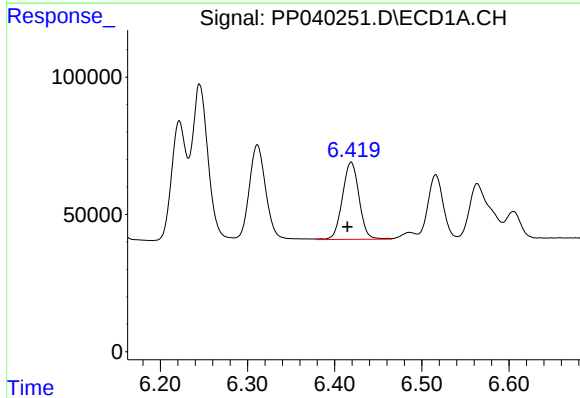
R.T.: 6.245 min
Delta R.T.: 0.005 min
Response: 733004
Conc: 1159.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



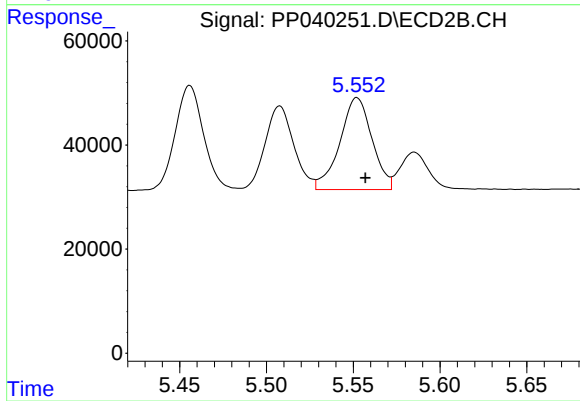
#13 AR-1232-3

R.T.: 5.456 min
Delta R.T.: -0.004 min
Response: 226137
Conc: 1091.73 ng/ml



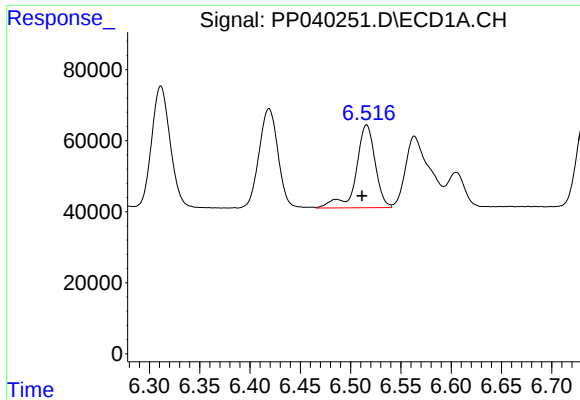
#14 AR-1232-4

R.T.: 6.419 min
Delta R.T.: 0.004 min
Response: 373133
Conc: 1189.72 ng/ml



#14 AR-1232-4

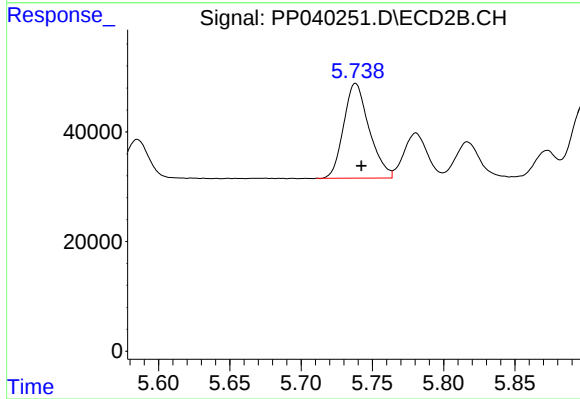
R.T.: 5.552 min
Delta R.T.: -0.005 min
Response: 228671
Conc: 1208.55 ng/ml



#15 AR-1232-5

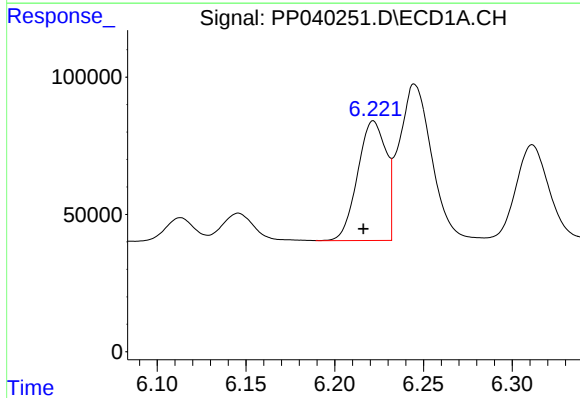
R.T.: 6.516 min
Delta R.T.: 0.004 min
Response: 308052
Conc: 1313.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



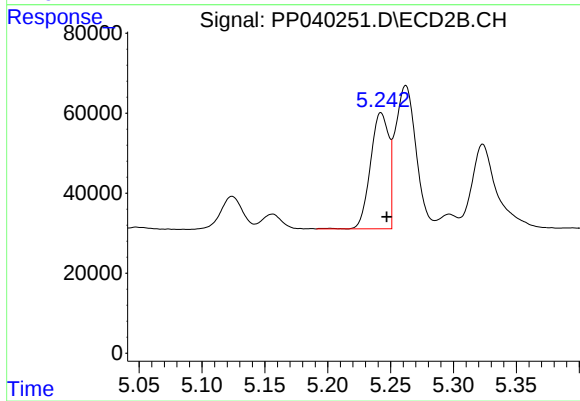
#15 AR-1232-5

R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 215091
Conc: 1041.80 ng/ml



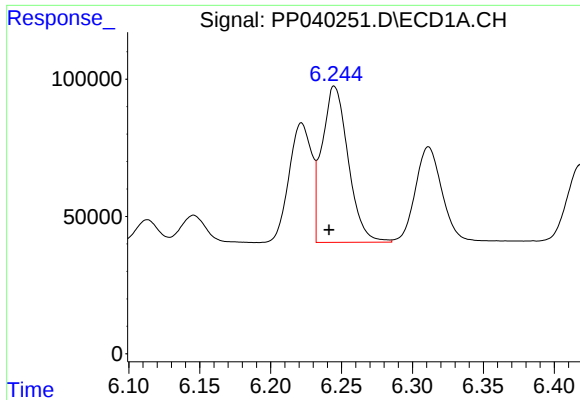
#16 AR-1242-1

R.T.: 6.222 min
Delta R.T.: 0.006 min
Response: 483229
Conc: 615.43 ng/ml



#16 AR-1242-1

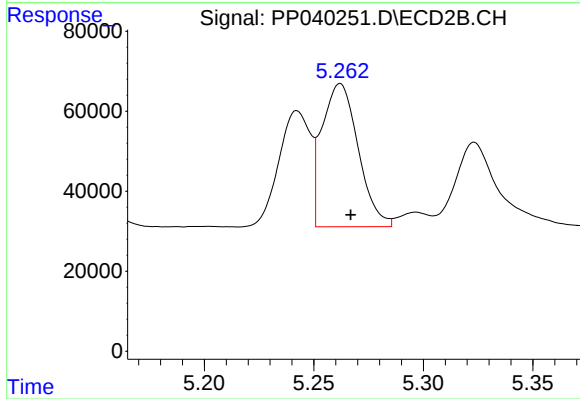
R.T.: 5.242 min
Delta R.T.: -0.005 min
Response: 293211
Conc: 589.27 ng/ml



#17 AR-1242-2

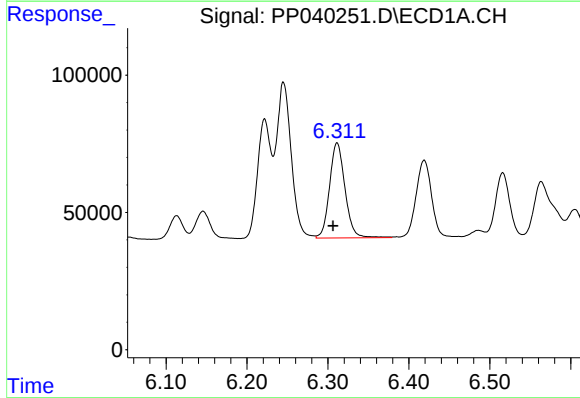
R.T.: 6.245 min
Delta R.T.: 0.004 min
Response: 733004
Conc: 646.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



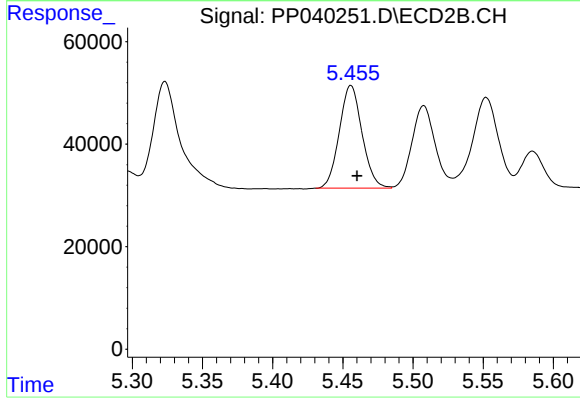
#17 AR-1242-2

R.T.: 5.262 min
Delta R.T.: -0.005 min
Response: 411642
Conc: 602.70 ng/ml



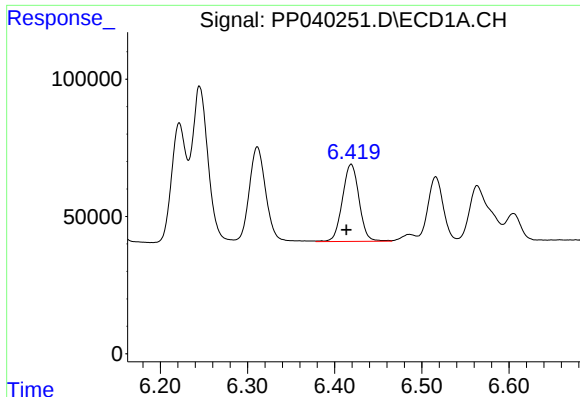
#18 AR-1242-3

R.T.: 6.311 min
Delta R.T.: 0.005 min
Response: 459144
Conc: 660.63 ng/ml



#18 AR-1242-3

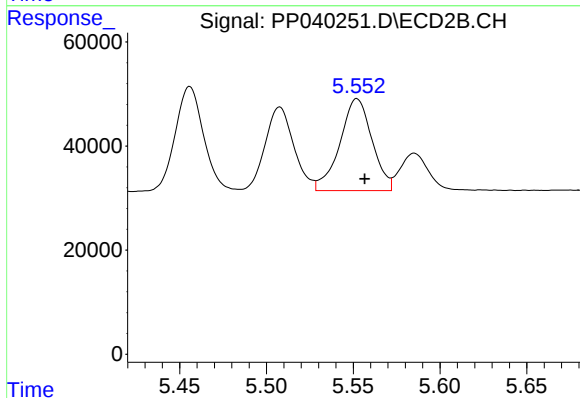
R.T.: 5.456 min
Delta R.T.: -0.004 min
Response: 226137
Conc: 599.36 ng/ml



#19 AR-1242-4

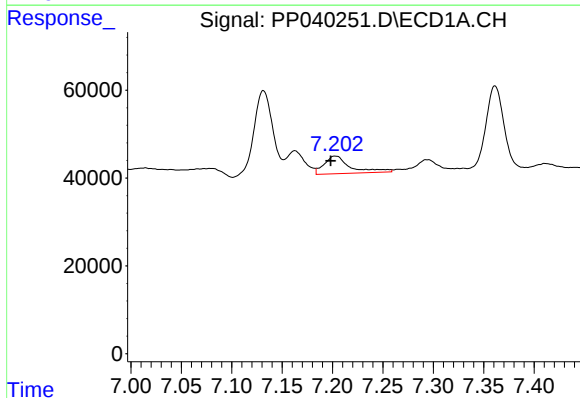
R.T.: 6.419 min
Delta R.T.: 0.005 min
Response: 373133
Conc: 647.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



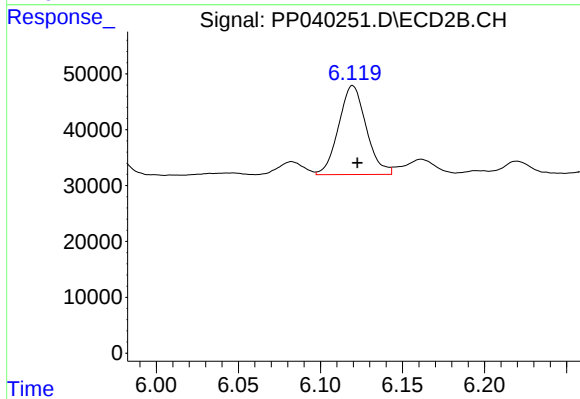
#19 AR-1242-4

R.T.: 5.552 min
Delta R.T.: -0.004 min
Response: 228671
Conc: 617.32 ng/ml



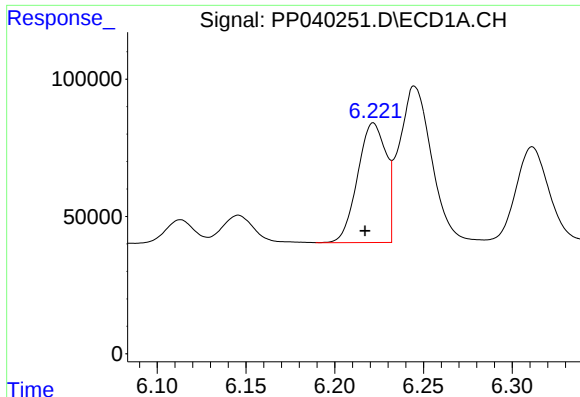
#20 AR-1242-5

R.T.: 7.203 min
Delta R.T.: 0.005 min
Response: 72893
Conc: 139.38 ng/ml



#20 AR-1242-5

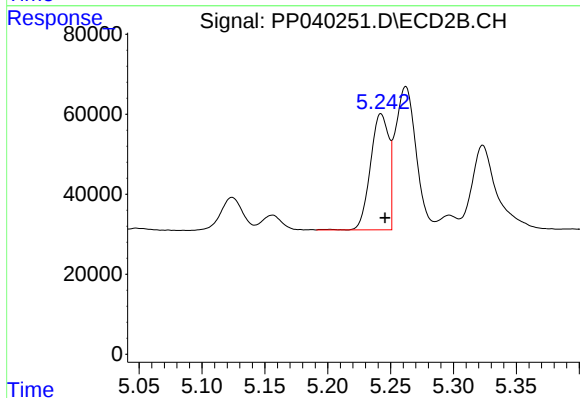
R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 186085
Conc: 390.14 ng/ml



#21 AR-1248-1

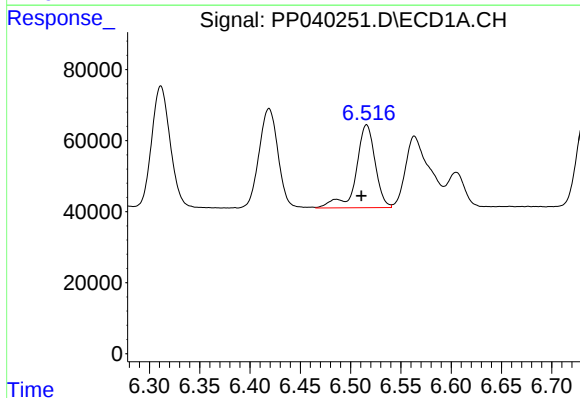
R.T.: 6.222 min
Delta R.T.: 0.005 min
Response: 483229
Conc: 783.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



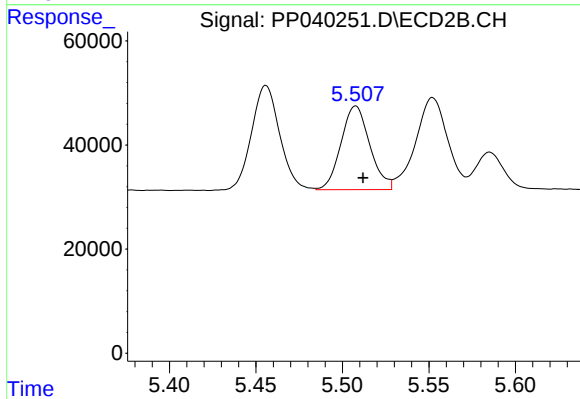
#21 AR-1248-1

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 293211
Conc: 752.06 ng/ml



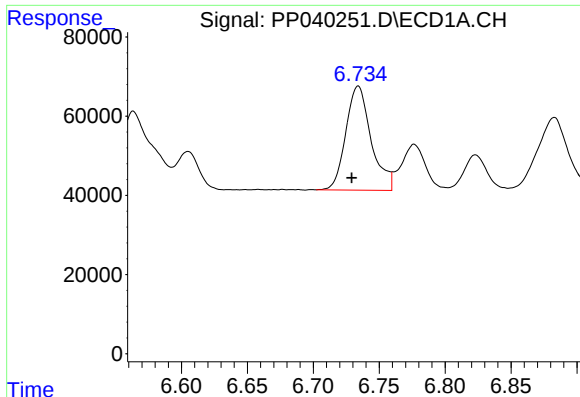
#22 AR-1248-2

R.T.: 6.516 min
Delta R.T.: 0.005 min
Response: 308052
Conc: 384.82 ng/ml



#22 AR-1248-2

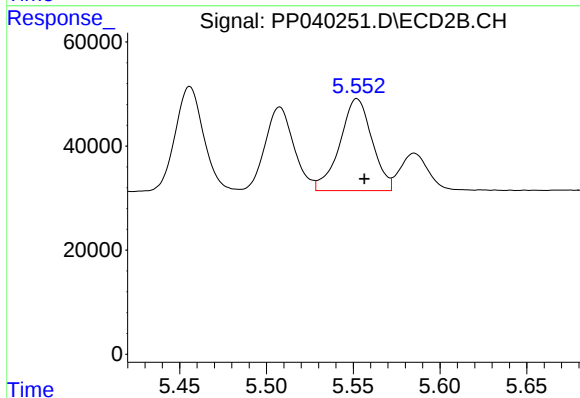
R.T.: 5.508 min
Delta R.T.: -0.004 min
Response: 185831
Conc: 345.73 ng/ml



#23 AR-1248-3

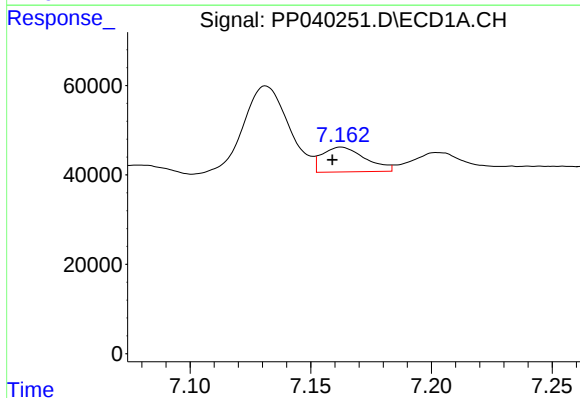
R.T.: 6.734 min
Delta R.T.: 0.005 min
Response: 351560
Conc: 392.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



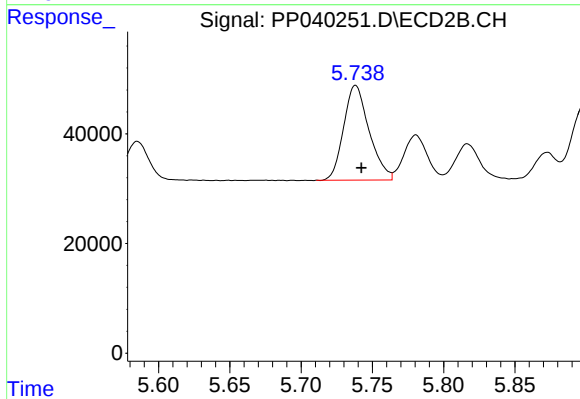
#23 AR-1248-3

R.T.: 5.552 min
Delta R.T.: -0.004 min
Response: 228671
Conc: 404.52 ng/ml



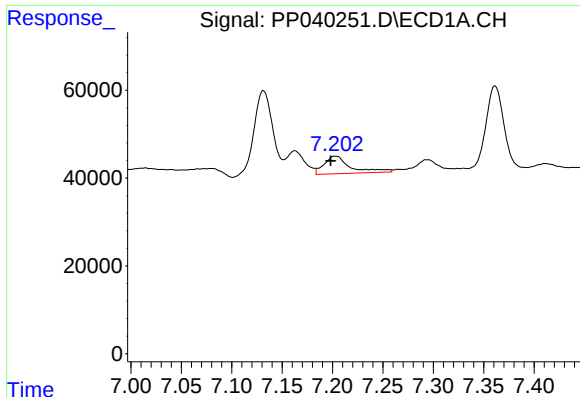
#24 AR-1248-4

R.T.: 7.163 min
Delta R.T.: 0.004 min
Response: 68529
Conc: 74.47 ng/ml



#24 AR-1248-4

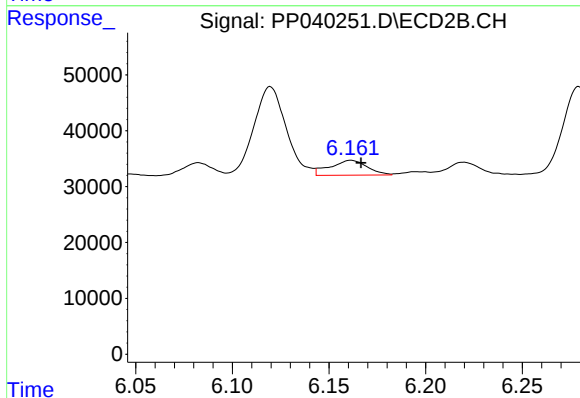
R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 215091
Conc: 336.57 ng/ml



#25 AR-1248-5

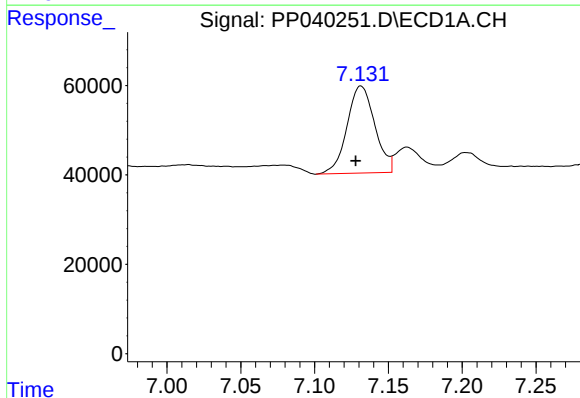
R.T.: 7.203 min
Delta R.T.: 0.005 min
Response: 72893
Conc: 82.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



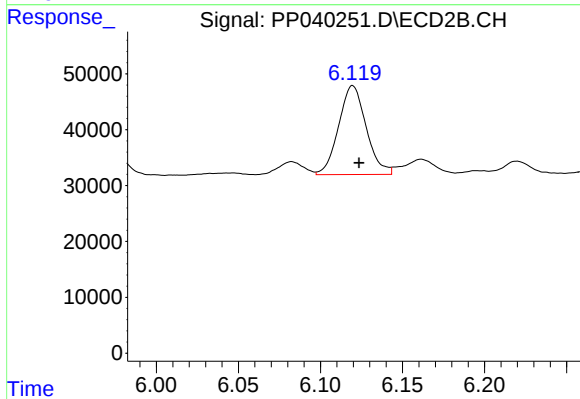
#25 AR-1248-5

R.T.: 6.161 min
Delta R.T.: -0.005 min
Response: 35679
Conc: 57.19 ng/ml



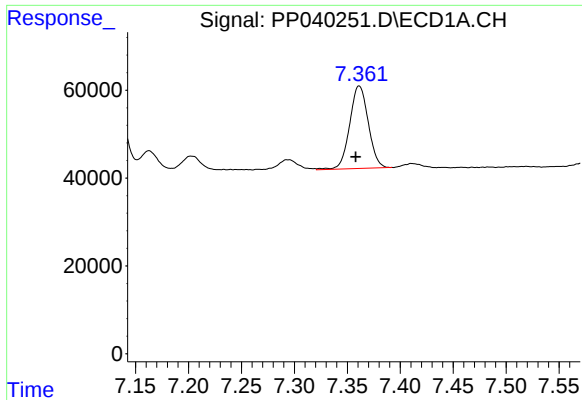
#26 AR-1254-1

R.T.: 7.132 min
Delta R.T.: 0.004 min
Response: 254792
Conc: 274.62 ng/ml



#26 AR-1254-1

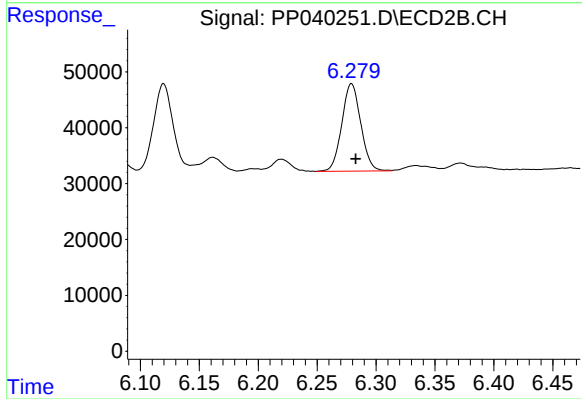
R.T.: 6.120 min
Delta R.T.: -0.004 min
Response: 186085
Conc: 194.24 ng/ml



#27 AR-1254-2

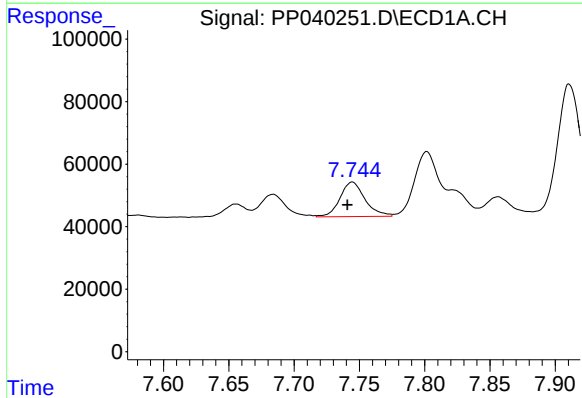
R.T.: 7.361 min
Delta R.T.: 0.004 min
Response: 229786
Conc: 165.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



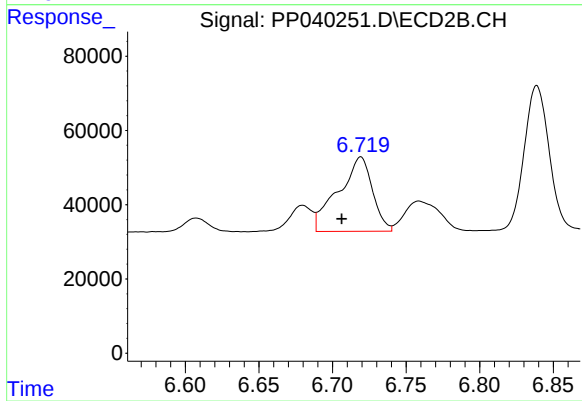
#27 AR-1254-2

R.T.: 6.279 min
Delta R.T.: -0.004 min
Response: 175180
Conc: 198.48 ng/ml



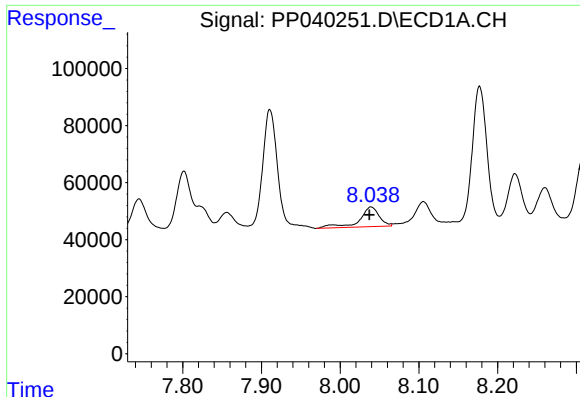
#28 AR-1254-3

R.T.: 7.745 min
Delta R.T.: 0.004 min
Response: 147242
Conc: 103.35 ng/ml



#28 AR-1254-3

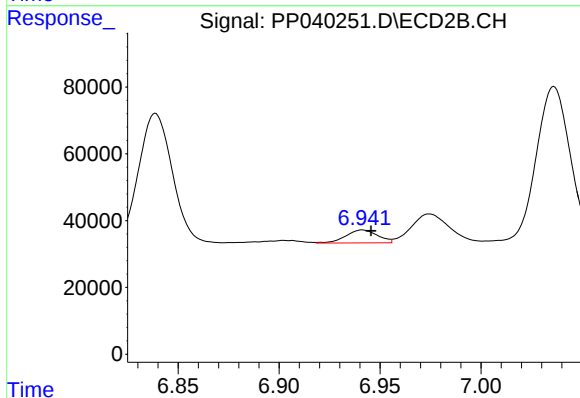
R.T.: 6.719 min
Delta R.T.: 0.013 min
Response: 324364
Conc: 237.91 ng/ml



#29 AR-1254-4

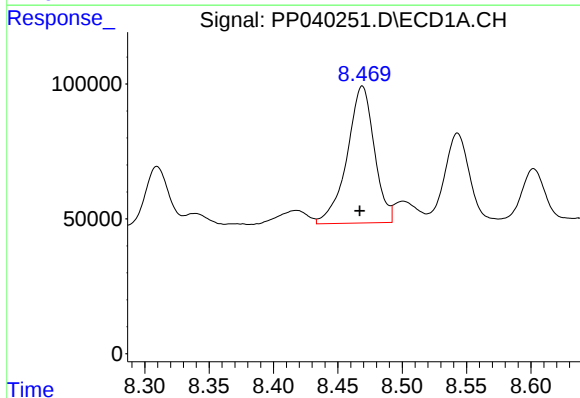
R.T.: 8.039 min
Delta R.T.: 0.002 min
Response: 120905
Conc: 114.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



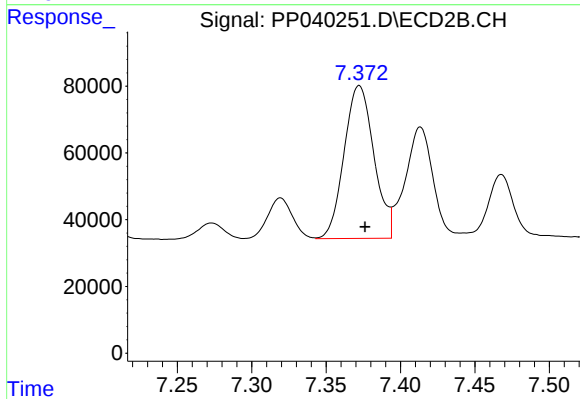
#29 AR-1254-4

R.T.: 6.941 min
Delta R.T.: -0.004 min
Response: 42009
Conc: 48.98 ng/ml



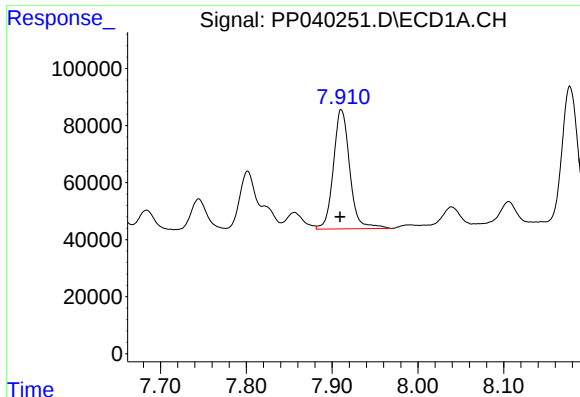
#30 AR-1254-5

R.T.: 8.469 min
Delta R.T.: 0.002 min
Response: 747370
Conc: 639.41 ng/ml



#30 AR-1254-5

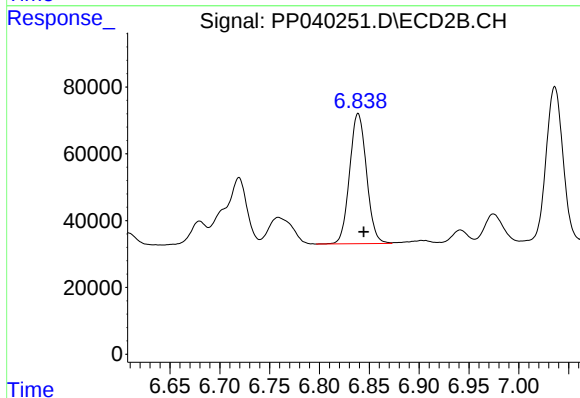
R.T.: 7.372 min
Delta R.T.: -0.004 min
Response: 638916
Conc: 494.97 ng/ml



#31 AR-1260-1

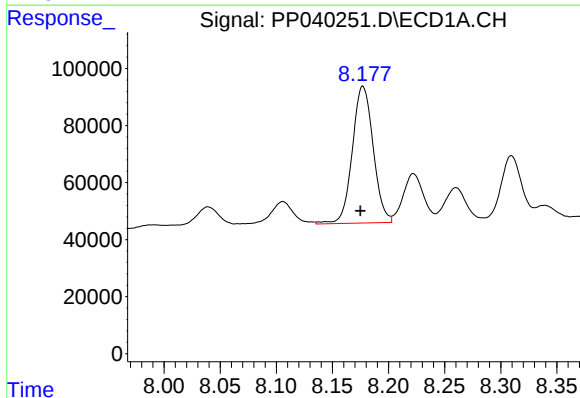
R.T.: 7.911 min
Delta R.T.: 0.002 min
Response: 554954
Conc: 508.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



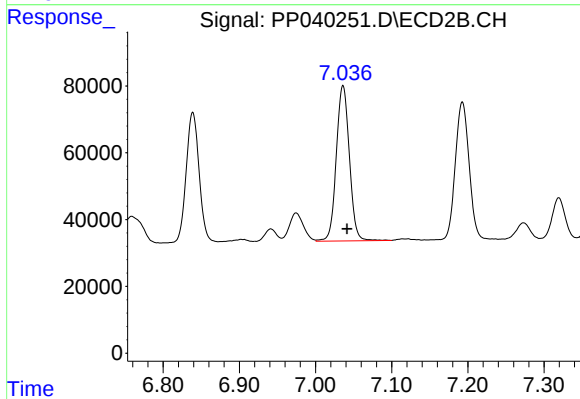
#31 AR-1260-1

R.T.: 6.839 min
Delta R.T.: -0.006 min
Response: 459730
Conc: 458.98 ng/ml



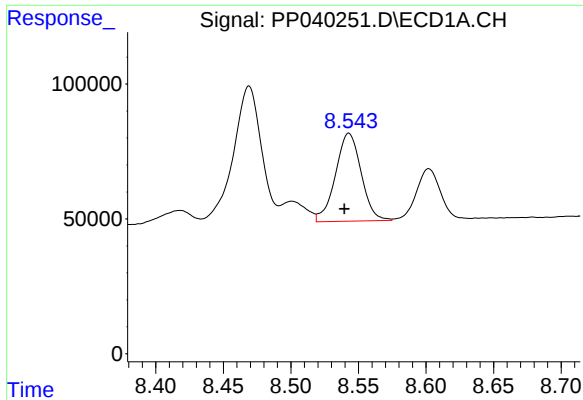
#32 AR-1260-2

R.T.: 8.177 min
Delta R.T.: 0.002 min
Response: 621998
Conc: 455.09 ng/ml



#32 AR-1260-2

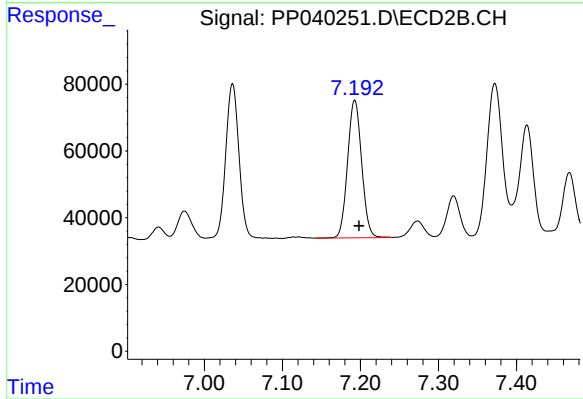
R.T.: 7.036 min
Delta R.T.: -0.005 min
Response: 555643
Conc: 469.25 ng/ml



#33 AR-1260-3

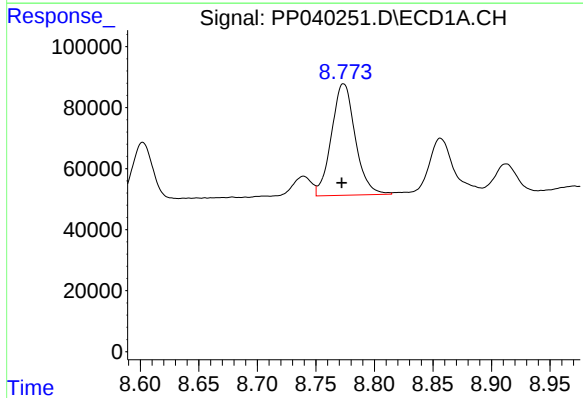
R.T.: 8.543 min
Delta R.T.: 0.003 min
Response: 432419
Conc: 474.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



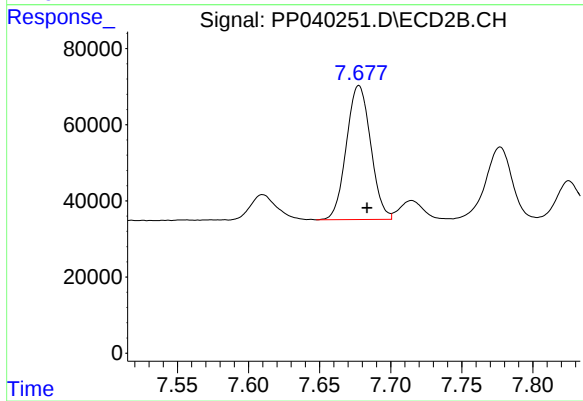
#33 AR-1260-3

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 517302
Conc: 437.83 ng/ml



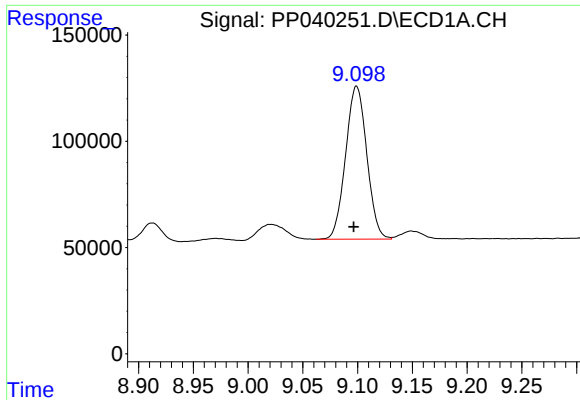
#34 AR-1260-4

R.T.: 8.774 min
Delta R.T.: 0.002 min
Response: 518108
Conc: 490.86 ng/ml



#34 AR-1260-4

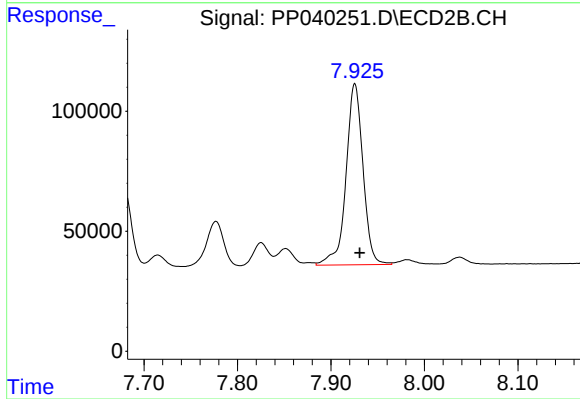
R.T.: 7.678 min
Delta R.T.: -0.006 min
Response: 418921
Conc: 476.63 ng/ml



#35 AR-1260-5

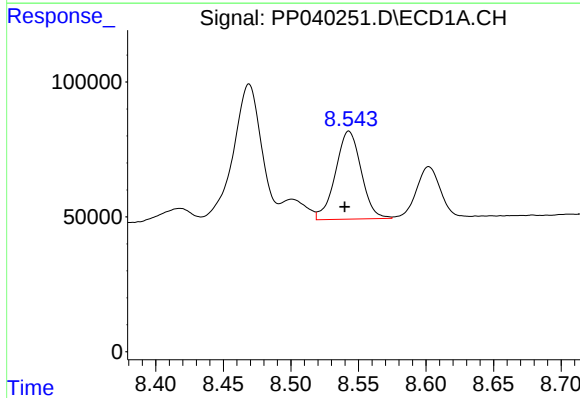
R.T.: 9.099 min
Delta R.T.: 0.003 min
Response: 971372
Conc: 469.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



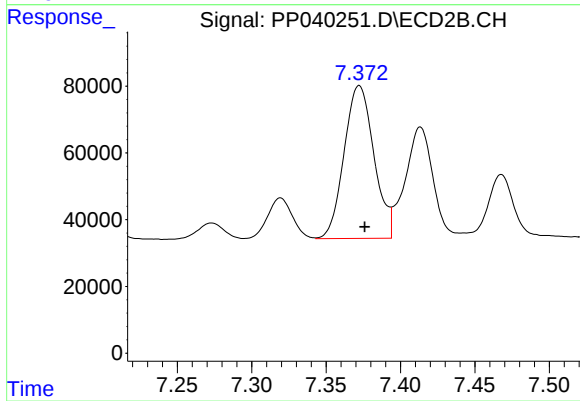
#35 AR-1260-5

R.T.: 7.926 min
Delta R.T.: -0.005 min
Response: 954119
Conc: 466.86 ng/ml



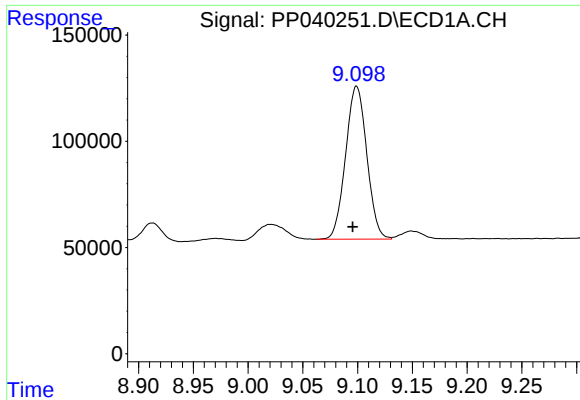
#36 AR-1262-1

R.T.: 8.543 min
Delta R.T.: 0.003 min
Response: 432419
Conc: 317.10 ng/ml



#36 AR-1262-1

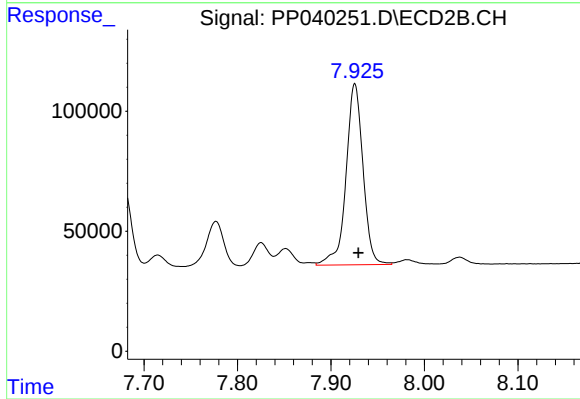
R.T.: 7.372 min
Delta R.T.: -0.004 min
Response: 638916
Conc: 909.52 ng/ml



#37 AR-1262-2

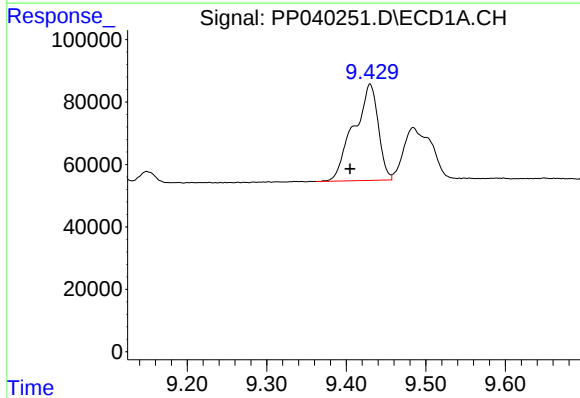
R.T.: 9.099 min
Delta R.T.: 0.004 min
Response: 971372
Conc: 391.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



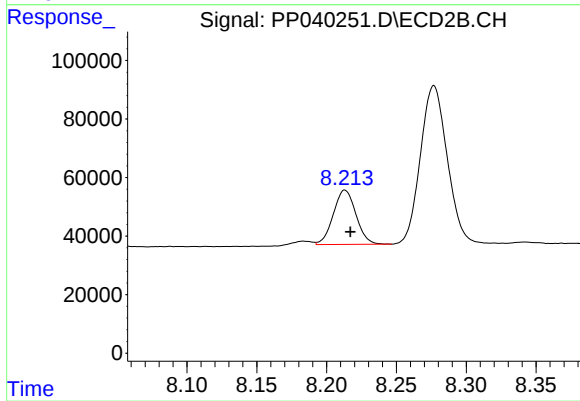
#37 AR-1262-2

R.T.: 7.926 min
Delta R.T.: -0.004 min
Response: 954119
Conc: 423.97 ng/ml



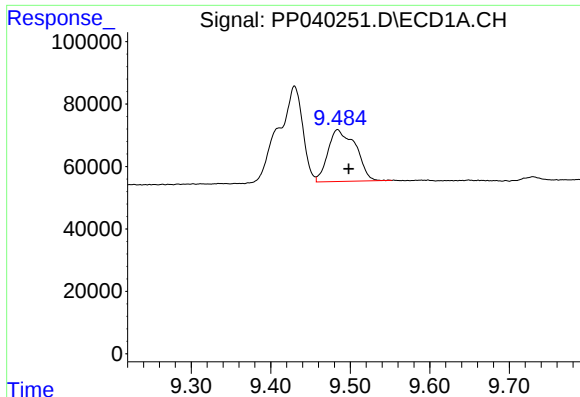
#38 AR-1262-3

R.T.: 9.430 min
Delta R.T.: 0.025 min
Response: 658984
Conc: 572.98 ng/ml



#38 AR-1262-3

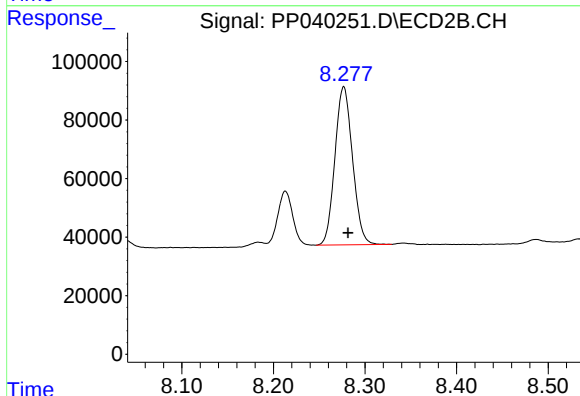
R.T.: 8.213 min
Delta R.T.: -0.004 min
Response: 209651
Conc: 215.27 ng/ml



#39 AR-1262-4

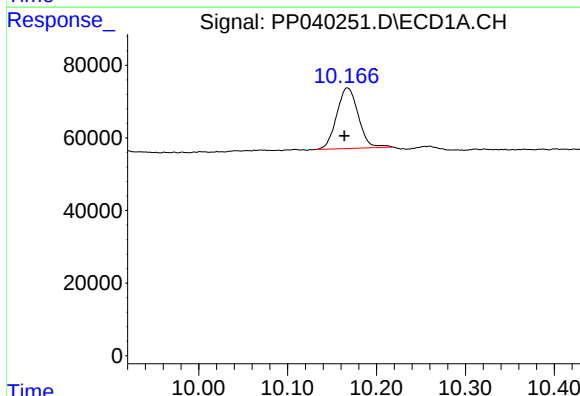
R.T.: 9.484 min
Delta R.T.: -0.013 min
Response: 404248
Conc: 494.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



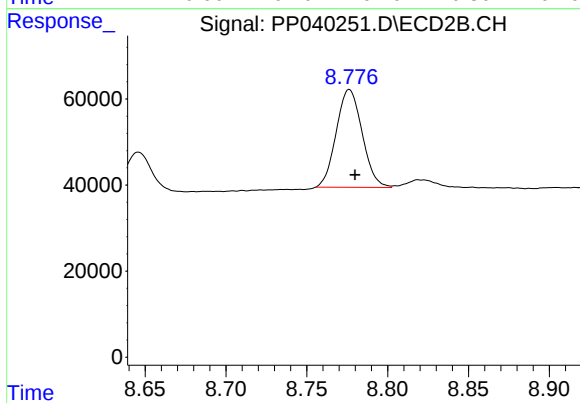
#39 AR-1262-4

R.T.: 8.277 min
Delta R.T.: -0.005 min
Response: 722612
Conc: 407.61 ng/ml



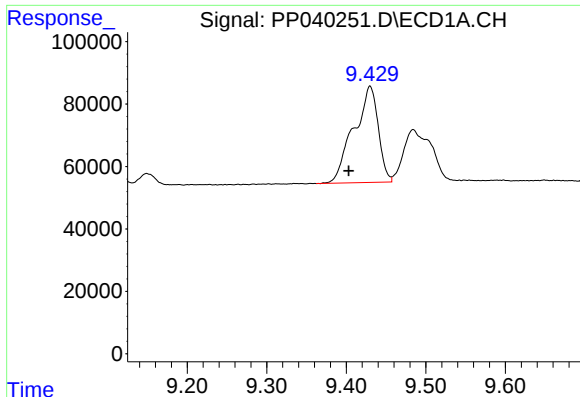
#40 AR-1262-5

R.T.: 10.167 min
Delta R.T.: 0.004 min
Response: 282595
Conc: 297.43 ng/ml



#40 AR-1262-5

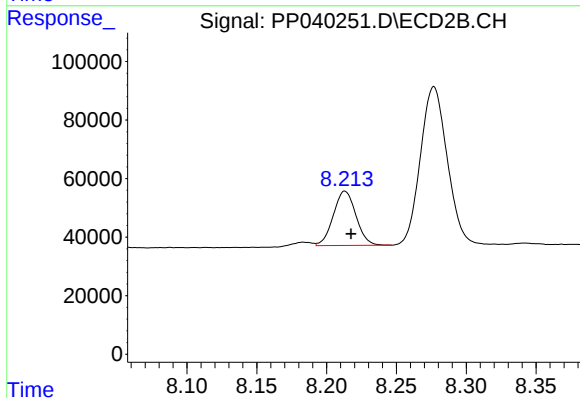
R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 253834
Conc: 280.30 ng/ml



#41 AR-1268-1

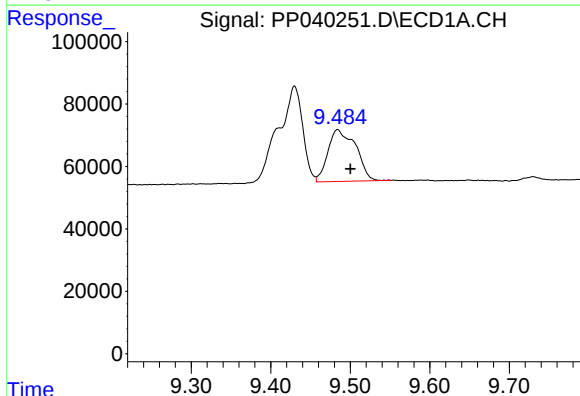
R.T.: 9.430 min
Delta R.T.: 0.027 min
Response: 658984
Conc: 223.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



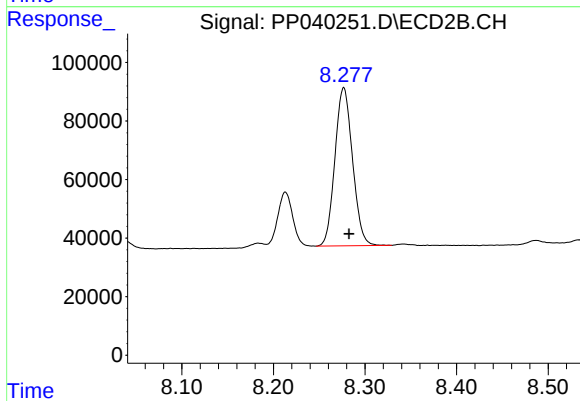
#41 AR-1268-1

R.T.: 8.213 min
Delta R.T.: -0.004 min
Response: 209651
Conc: 77.70 ng/ml



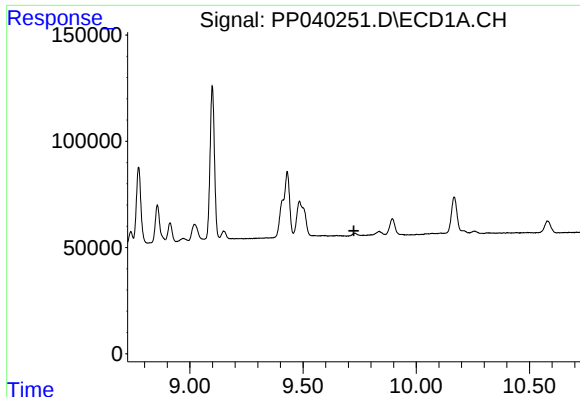
#42 AR-1268-2

R.T.: 9.484 min
Delta R.T.: -0.016 min
Response: 404248
Conc: 143.18 ng/ml



#42 AR-1268-2

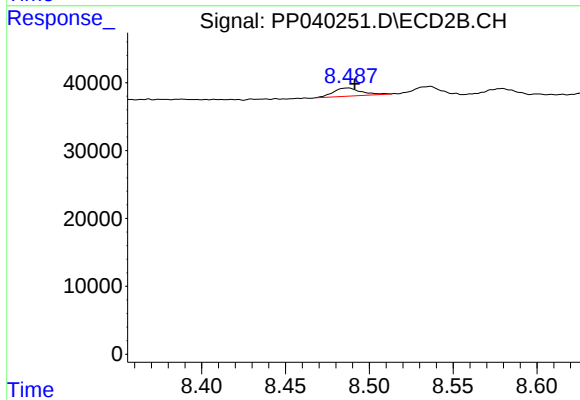
R.T.: 8.277 min
Delta R.T.: -0.006 min
Response: 722612
Conc: 288.61 ng/ml



#43 AR-1268-3

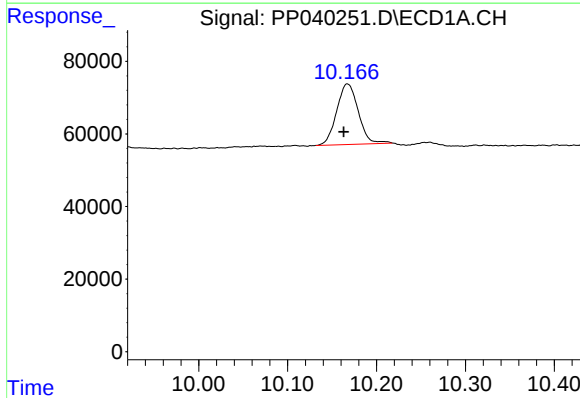
R.T.: 0.000 min
Exp R.T.: 9.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



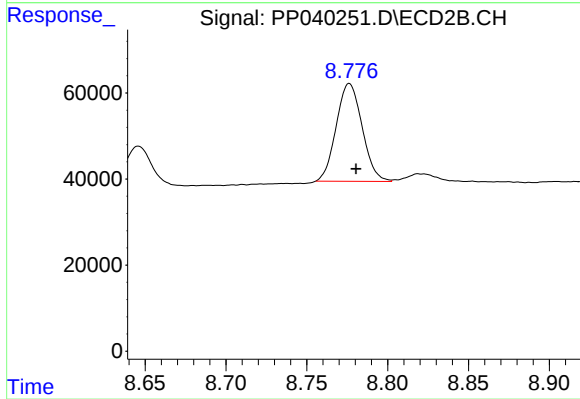
#43 AR-1268-3

R.T.: 8.487 min
Delta R.T.: -0.004 min
Response: 13741
Conc: 6.28 ng/ml



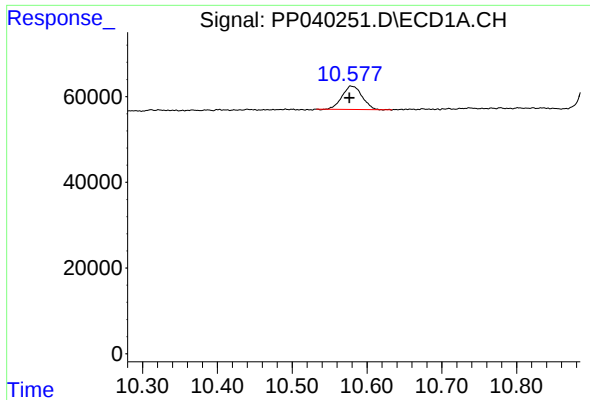
#44 AR-1268-4

R.T.: 10.167 min
Delta R.T.: 0.004 min
Response: 282595
Conc: 274.20 ng/ml



#44 AR-1268-4

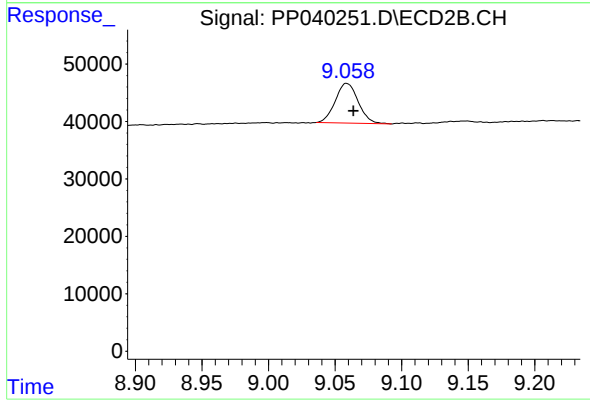
R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 253834
Conc: 255.98 ng/ml



#45 AR-1268-5

R.T.: 10.580 min
Delta R.T.: 0.003 min
Response: 101613
Conc: 11.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.059 min
Delta R.T.: -0.005 min
Response: 83273
Conc: 11.68 ng/ml