

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110821\
 Data File : PP040778.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Nov 2021 15:53
 Operator : AJ\MA
 Sample : M4507-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 00:35:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 04 11:28:51 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...	4.763	3.768	496370	558418	24.502	23.269
2)	SA Decachlor...	10.669	9.035	429850	352294	20.183	20.174
Target Compounds							
3)	L1 AR-1016-1	6.079	5.017	339306	320909	483.256	459.113
4)	L1 AR-1016-2	6.102	5.036	507849	459714	476.157	446.880
5)	L1 AR-1016-3	6.168	5.227	316999	252206	489.200	444.834
6)	L1 AR-1016-4	6.275	5.280	250810	188045	466.683	414.030
7)	L1 AR-1016-5	6.588	5.507	254167	243761	468.343	435.884
8)	L2 AR-1221-1	5.011f	4.024	39983	36977	175.086	133.942
9)	L2 AR-1221-2	5.112f	4.125	40308	45883	267.055	218.102
10)	L2 AR-1221-3	5.199f	4.211	186031	201515	337.872	306.987
11)	L3 AR-1232-1	5.199f	4.211	186031	201515	408.414	373.384
12)	L3 AR-1232-2	5.784f	5.036	242945	459714	1037.043	1080.810
13)	L3 AR-1232-3	6.102f	5.227	507849	252206	1181.930	1100.101
14)	L3 AR-1232-4	6.275f	5.324	250810	236819	1196.803	1193.481
15)	L3 AR-1232-5	6.372f	5.507	197852	243761	1383.050	1150.222
16)	L4 AR-1242-1	6.079	5.017	339306	320909	636.283	595.191
17)	L4 AR-1242-2	6.102	5.036	507849	459714	628.115	579.494
18)	L4 AR-1242-3	6.168	5.227	316999	252206	639.297	578.309
19)	L4 AR-1242-4	6.275	5.324	250810	236819	613.164	572.688
20)	L4 AR-1242-5	7.056	5.886	33161	180728	72.502	392.389 #
21)	L5 AR-1248-1	6.079	5.017	339306	320909	863.830	806.702
22)	L5 AR-1248-2	6.372	5.280	197852	188045	349.904	324.159
23)	L5 AR-1248-3	6.588	5.324	254167	236819	362.468	392.627
24)	L5 AR-1248-4	7.016	5.507	37006	243761	46.846	354.546 #
25)	L5 AR-1248-5	7.056	5.929	33161	26166	42.467	41.426
26)	L6 AR-1254-1	6.984	5.886	187905	180728	243.393	185.796
27)	L6 AR-1254-2	7.214	6.046	213319	167522	171.848	199.609
28)	L6 AR-1254-3	7.594	6.483f	111913	291603	83.127	230.896 #
29)	L6 AR-1254-4	7.888	6.705	72282	30988	74.082	41.647 #
30)	L6 AR-1254-5	8.316	7.134	718296	556850	662.063	518.546
31)	L7 AR-1260-1	7.761	6.602	486026	412140	500.509	474.976
32)	L7 AR-1260-2	8.026	6.801	583836	478412	504.298	475.450
33)	L7 AR-1260-3	8.391	6.954	375351	459734	425.093	487.063
34)	L7 AR-1260-4	8.620	7.437	483114	329683	457.238	419.903
35)	L7 AR-1260-5	8.935	7.687	875277	740142	419.200	416.619
36)	L8 AR-1262-1	8.391f	7.134	375351	556850	299.555	966.302 #
37)	L8 AR-1262-2	8.935f	7.687	875277	740142	385.174	415.673
38)	L8 AR-1262-3	0.000	7.972	0	150415	N.D.	193.996 #
39)	L8 AR-1262-4	9.304	8.034	336411	564337	573.703	402.658 #
40)	L8 AR-1262-5	9.957f	8.536	230442	183528	253.068	264.290
41)	L9 AR-1268-1	9.254f	7.972	592553	150415	217.371	70.151 #

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 ALS Vial : 17 Sample Multiplier: 1

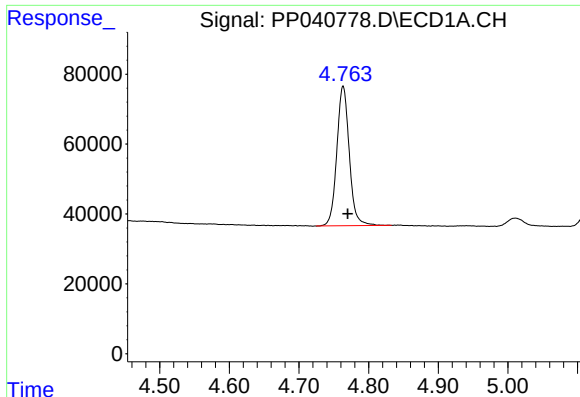
Instrument :
 ECD_P
 ClientSampleId :

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
42) L9	AR-1268-2	9.304f	8.034	336411	564337	128.500	283.123 #
43) L9	AR-1268-3	9.539	8.242	16328	12455	7.395	7.130
44) L9	AR-1268-4	9.957	8.536	230442	183528	226.793	239.116
45) L9	AR-1268-5	10.351	8.807	80750	66458	11.087	12.314

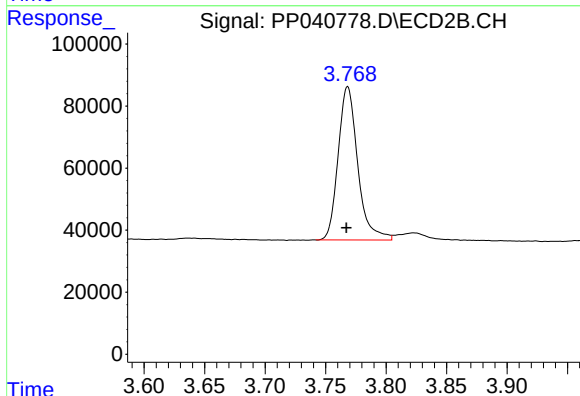
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

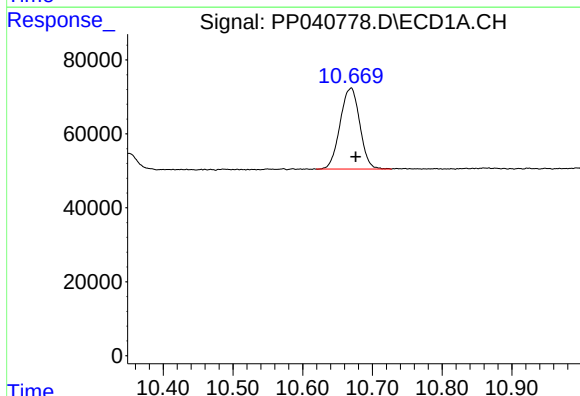
R.T.: 4.763 min
Delta R.T.: -0.007 min
Response: 496370
Conc: 24.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



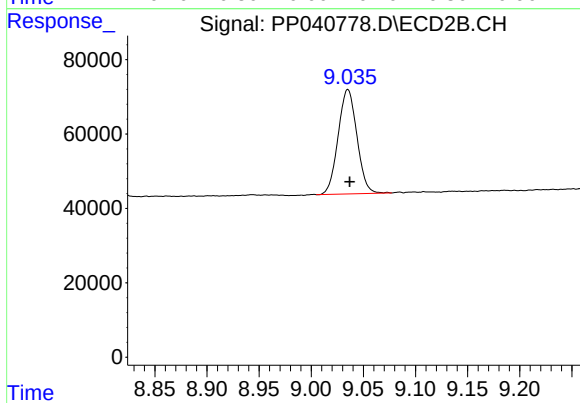
#1 Tetrachloro-m-xylene

R.T.: 3.768 min
Delta R.T.: 0.001 min
Response: 558418
Conc: 23.27 ng/ml



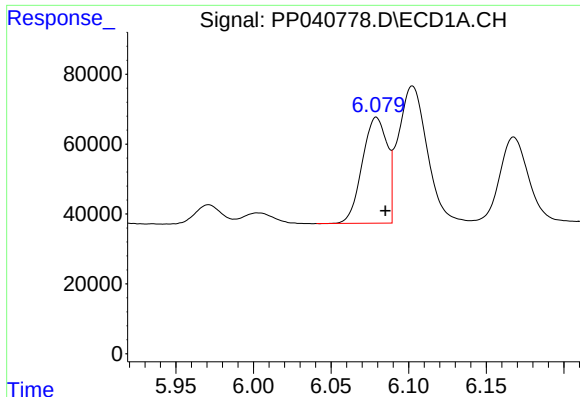
#2 Decachlorobiphenyl

R.T.: 10.669 min
Delta R.T.: -0.007 min
Response: 429850
Conc: 20.18 ng/ml



#2 Decachlorobiphenyl

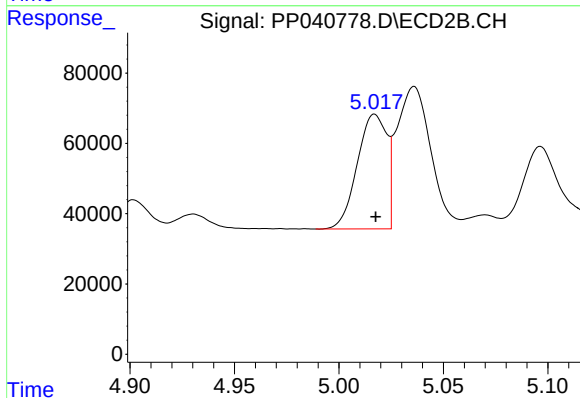
R.T.: 9.035 min
Delta R.T.: -0.002 min
Response: 352294
Conc: 20.17 ng/ml



#3 AR-1016-1

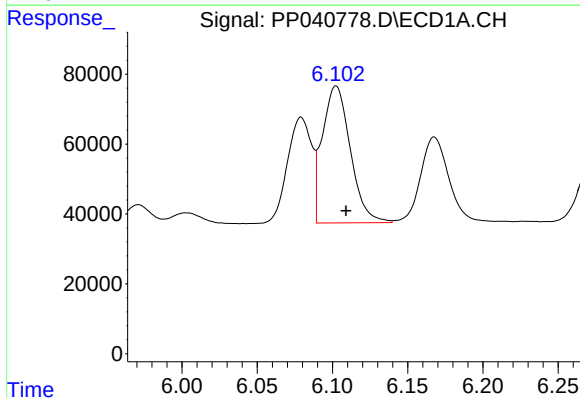
R.T.: 6.079 min
Delta R.T.: -0.006 min
Response: 339306
Conc: 483.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



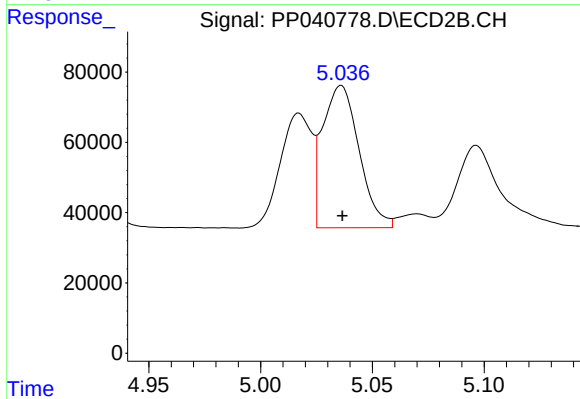
#3 AR-1016-1

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 320909
Conc: 459.11 ng/ml



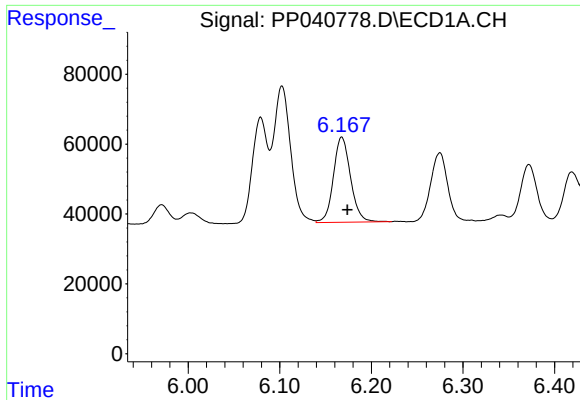
#4 AR-1016-2

R.T.: 6.102 min
Delta R.T.: -0.007 min
Response: 507849
Conc: 476.16 ng/ml



#4 AR-1016-2

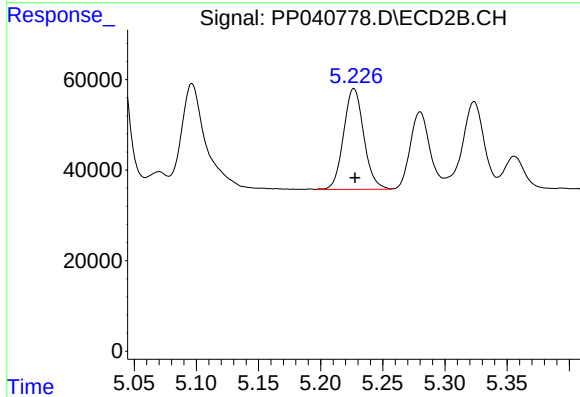
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 459714
Conc: 446.88 ng/ml



#5 AR-1016-3

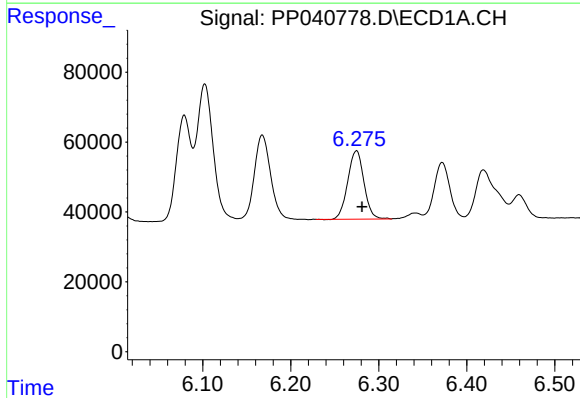
R.T.: 6.168 min
Delta R.T.: -0.006 min
Response: 316999
Conc: 489.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



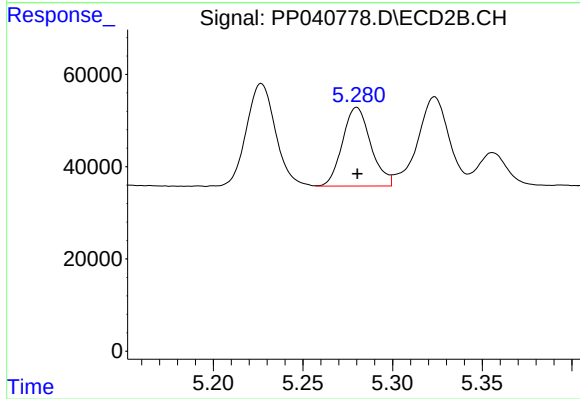
#5 AR-1016-3

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 252206
Conc: 444.83 ng/ml



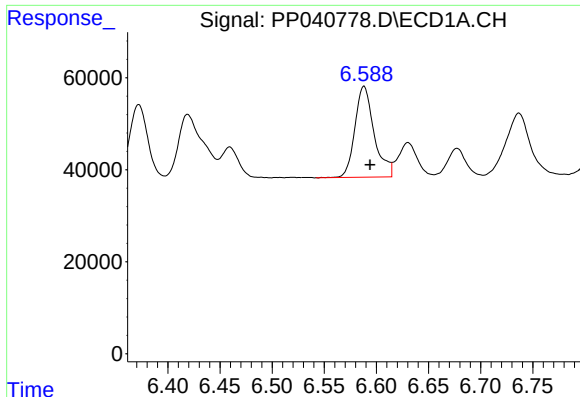
#6 AR-1016-4

R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 250810
Conc: 466.68 ng/ml



#6 AR-1016-4

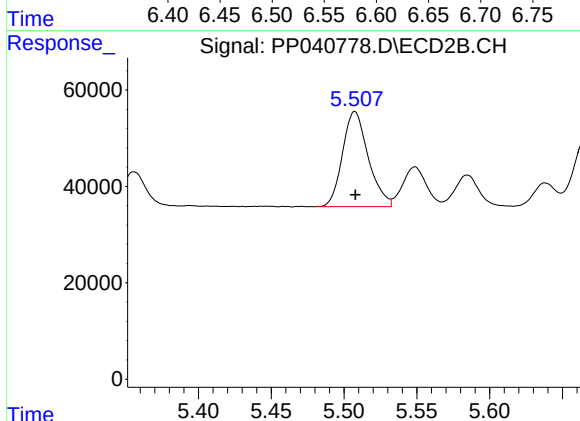
R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 188045
Conc: 414.03 ng/ml



#7 AR-1016-5

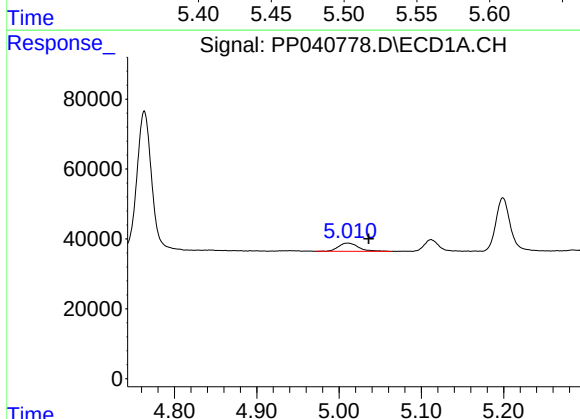
R.T.: 6.588 min
Delta R.T.: -0.006 min
Response: 254167
Conc: 468.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



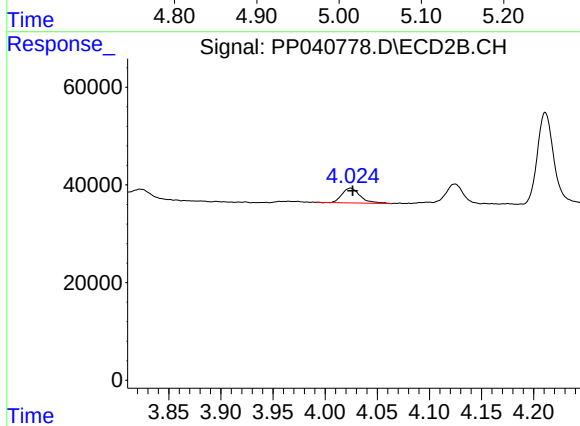
#7 AR-1016-5

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 243761
Conc: 435.88 ng/ml



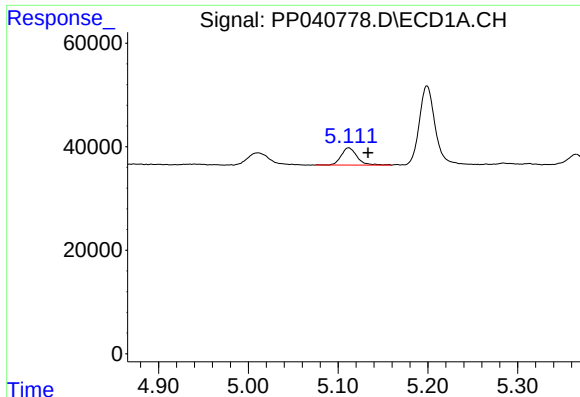
#8 AR-1221-1

R.T.: 5.011 min
Delta R.T.: -0.025 min
Response: 39983
Conc: 175.09 ng/ml



#8 AR-1221-1

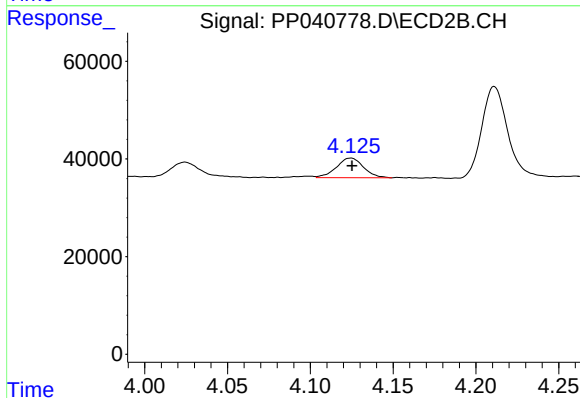
R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 36977
Conc: 133.94 ng/ml



#9 AR-1221-2

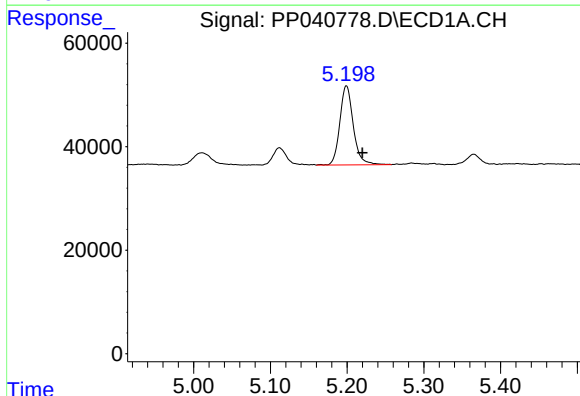
R.T.: 5.112 min
Delta R.T.: -0.022 min
Response: 40308
Conc: 267.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



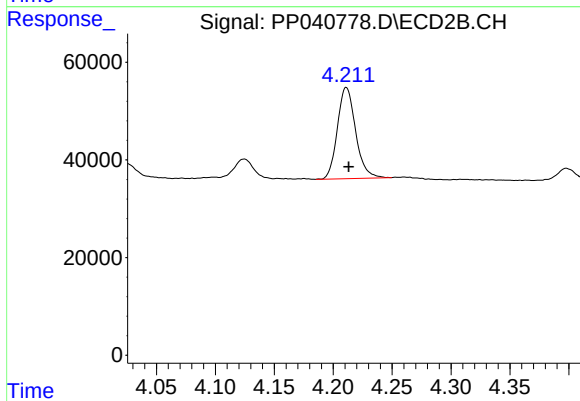
#9 AR-1221-2

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 45883
Conc: 218.10 ng/ml



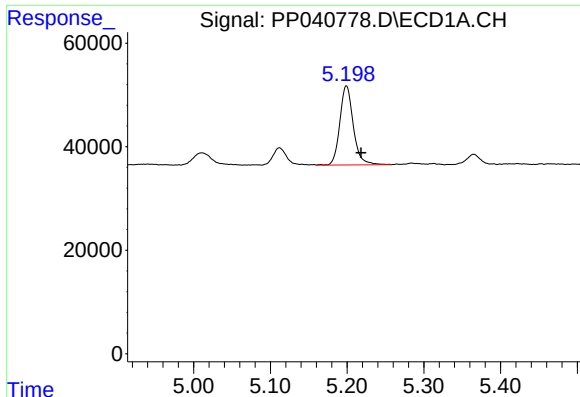
#10 AR-1221-3

R.T.: 5.199 min
Delta R.T.: -0.021 min
Response: 186031
Conc: 337.87 ng/ml



#10 AR-1221-3

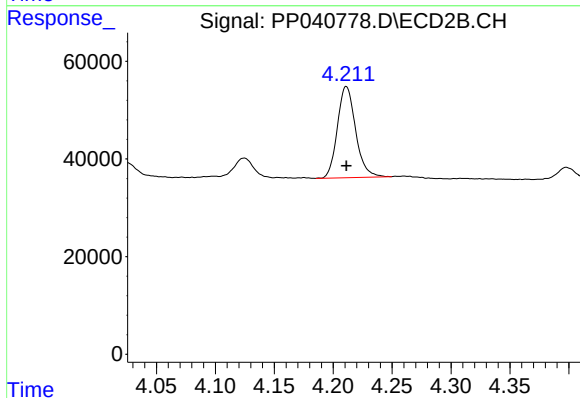
R.T.: 4.211 min
Delta R.T.: -0.002 min
Response: 201515
Conc: 306.99 ng/ml



#11 AR-1232-1

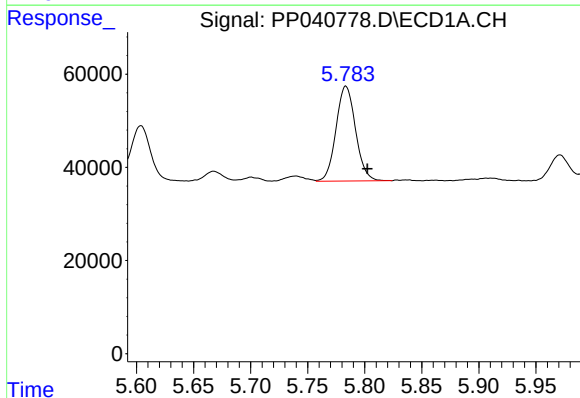
R.T.: 5.199 min
Delta R.T.: -0.019 min
Response: 186031
Conc: 408.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



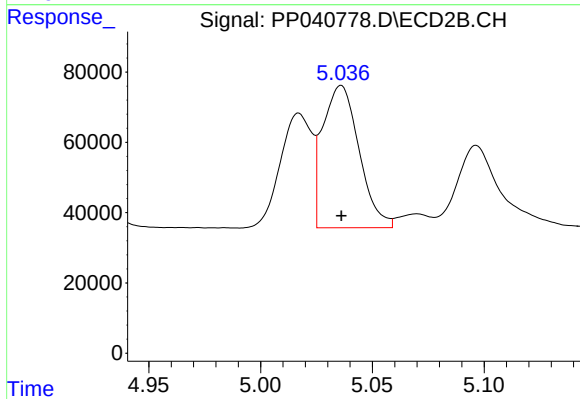
#11 AR-1232-1

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 201515
Conc: 373.38 ng/ml



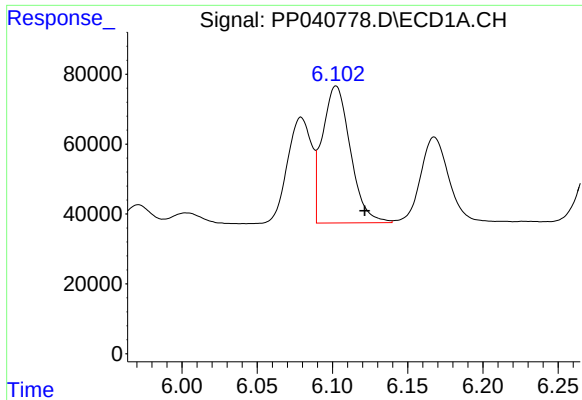
#12 AR-1232-2

R.T.: 5.784 min
Delta R.T.: -0.019 min
Response: 242945
Conc: 1037.04 ng/ml



#12 AR-1232-2

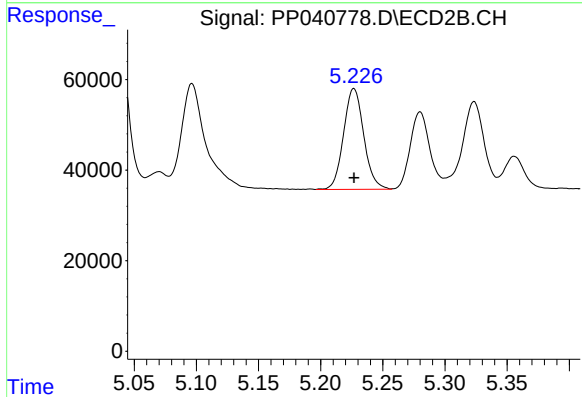
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 459714
Conc: 1080.81 ng/ml



#13 AR-1232-3

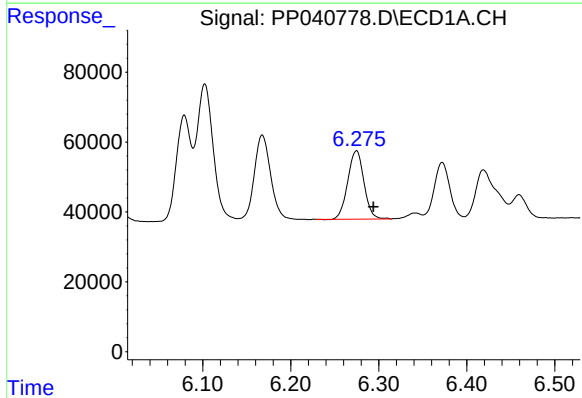
R.T.: 6.102 min
Delta R.T.: -0.019 min
Response: 507849
Conc: 1181.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



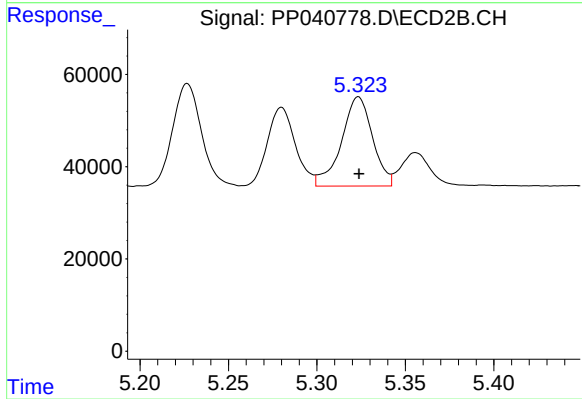
#13 AR-1232-3

R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 252206
Conc: 1100.10 ng/ml



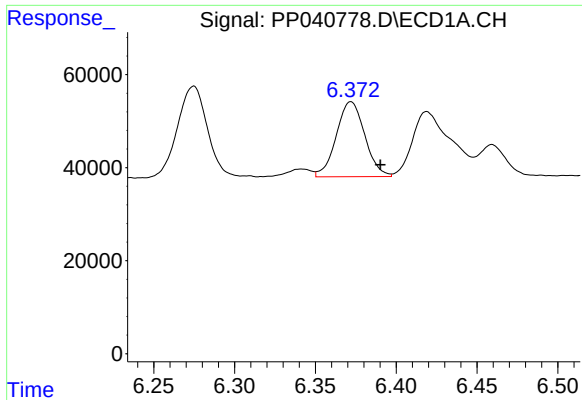
#14 AR-1232-4

R.T.: 6.275 min
Delta R.T.: -0.019 min
Response: 250810
Conc: 1196.80 ng/ml



#14 AR-1232-4

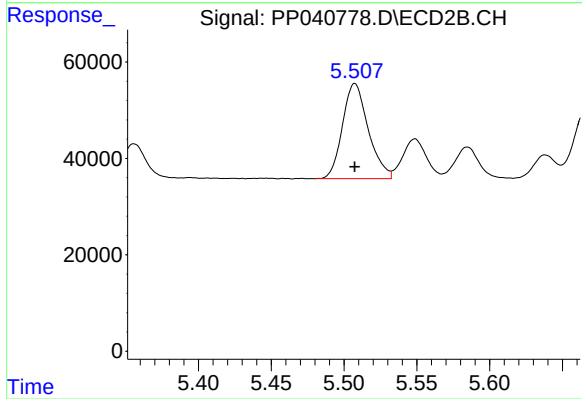
R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 236819
Conc: 1193.48 ng/ml



#15 AR-1232-5

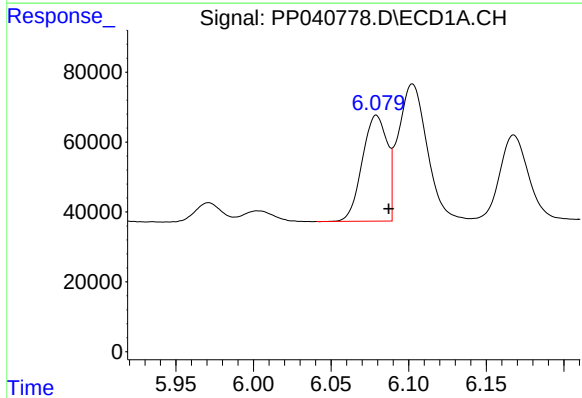
R.T.: 6.372 min
Delta R.T.: -0.018 min
Response: 197852
Conc: 1383.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



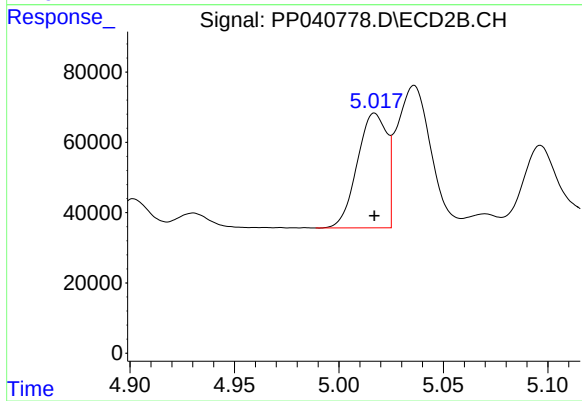
#15 AR-1232-5

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 243761
Conc: 1150.22 ng/ml



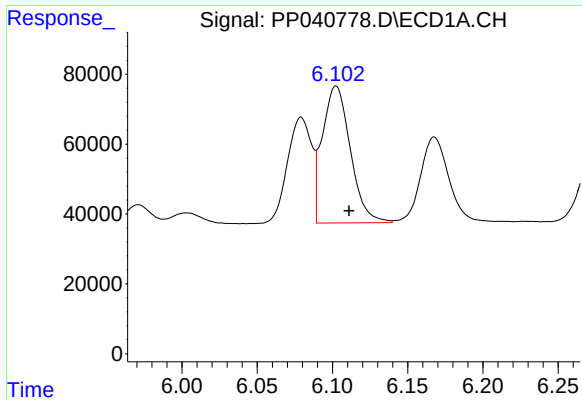
#16 AR-1242-1

R.T.: 6.079 min
Delta R.T.: -0.008 min
Response: 339306
Conc: 636.28 ng/ml



#16 AR-1242-1

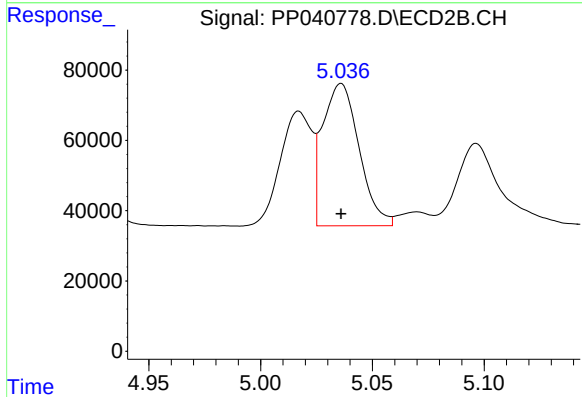
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 320909
Conc: 595.19 ng/ml



#17 AR-1242-2

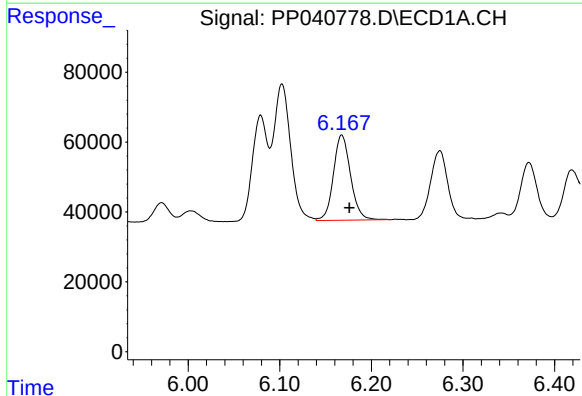
R.T.: 6.102 min
Delta R.T.: -0.009 min
Response: 507849
Conc: 628.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



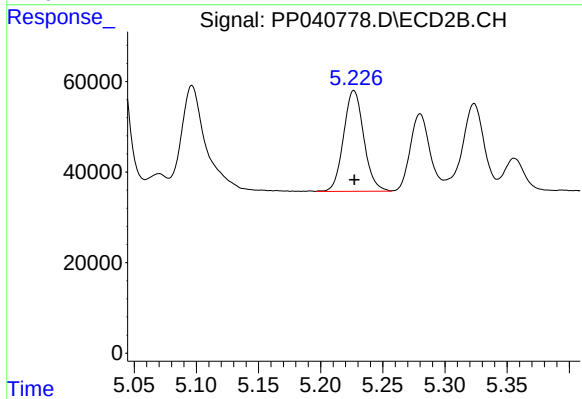
#17 AR-1242-2

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 459714
Conc: 579.49 ng/ml



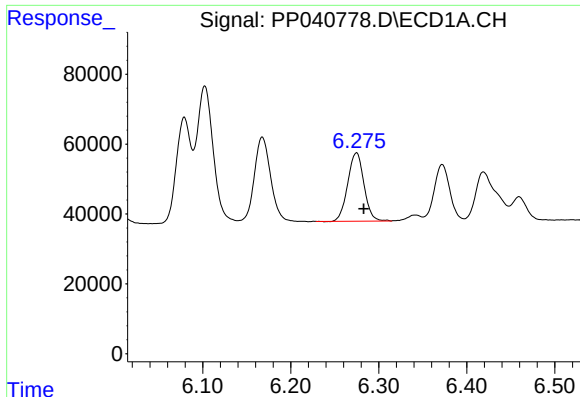
#18 AR-1242-3

R.T.: 6.168 min
Delta R.T.: -0.008 min
Response: 316999
Conc: 639.30 ng/ml



#18 AR-1242-3

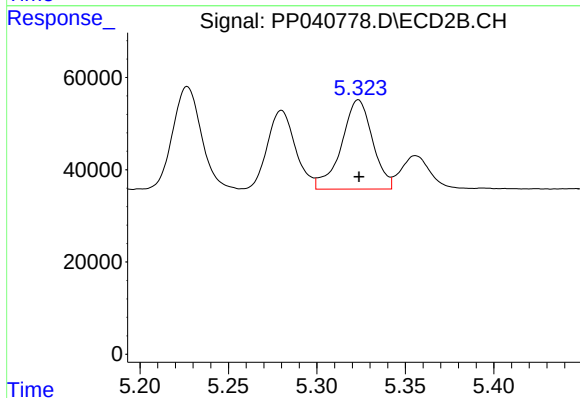
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 252206
Conc: 578.31 ng/ml



#19 AR-1242-4

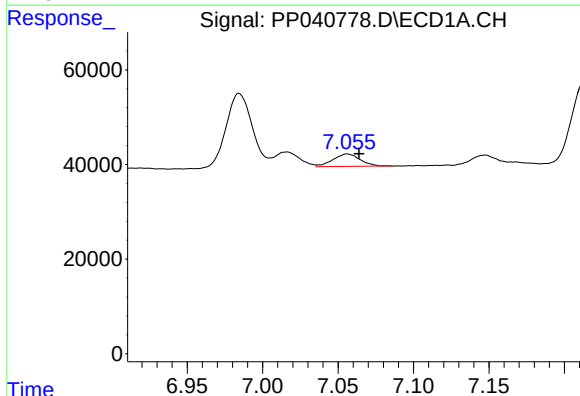
R.T.: 6.275 min
Delta R.T.: -0.008 min
Response: 250810
Conc: 613.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



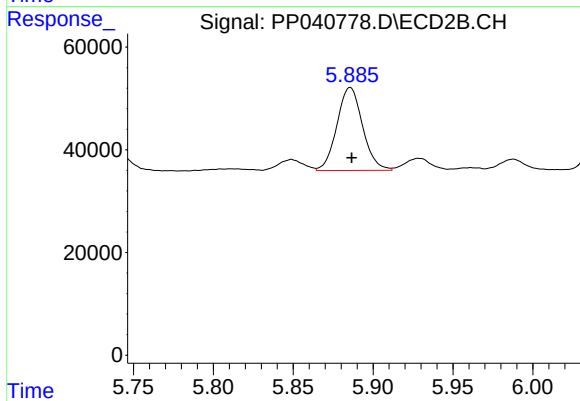
#19 AR-1242-4

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 236819
Conc: 572.69 ng/ml



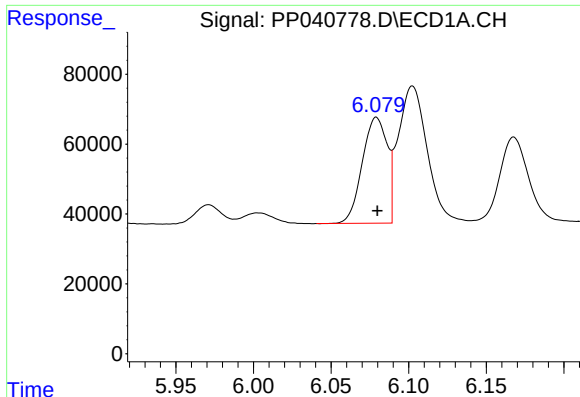
#20 AR-1242-5

R.T.: 7.056 min
Delta R.T.: -0.008 min
Response: 33161
Conc: 72.50 ng/ml



#20 AR-1242-5

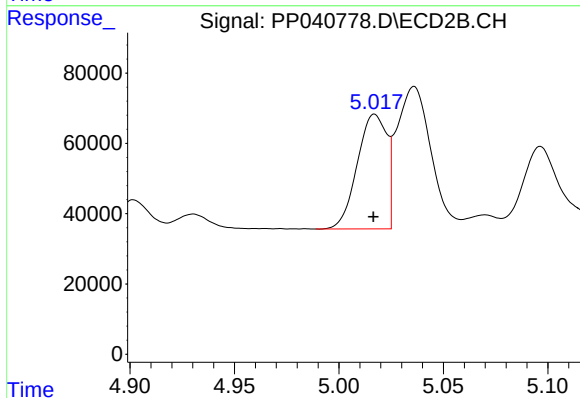
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 180728
Conc: 392.39 ng/ml



#21 AR-1248-1

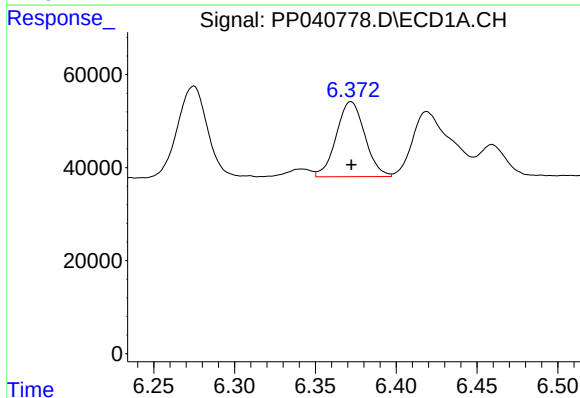
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 339306
Conc: 863.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



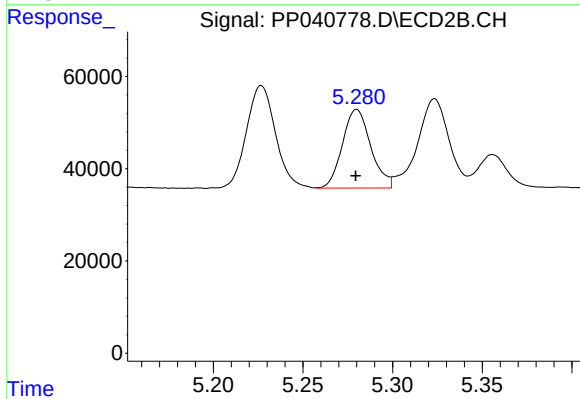
#21 AR-1248-1

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 320909
Conc: 806.70 ng/ml



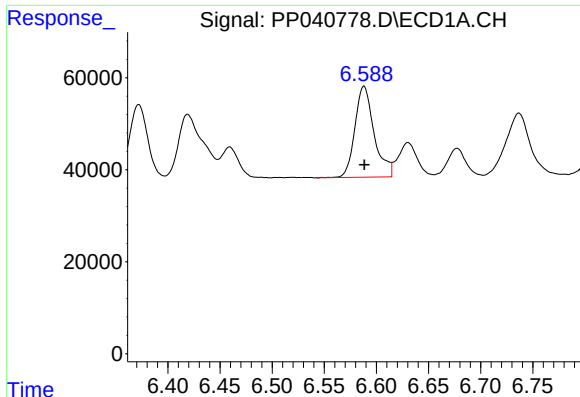
#22 AR-1248-2

R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 197852
Conc: 349.90 ng/ml



#22 AR-1248-2

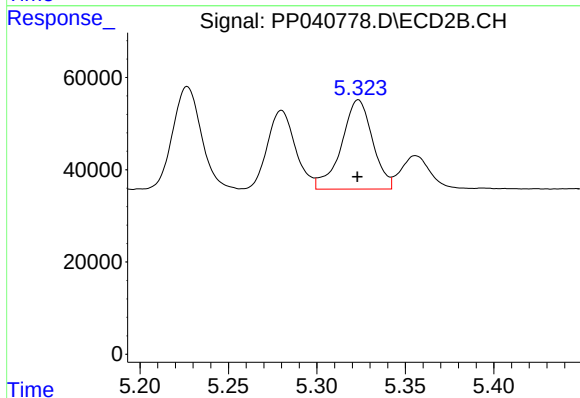
R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 188045
Conc: 324.16 ng/ml



#23 AR-1248-3

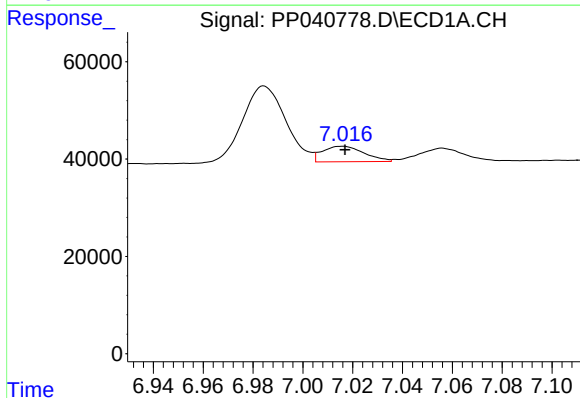
R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 254167
Conc: 362.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



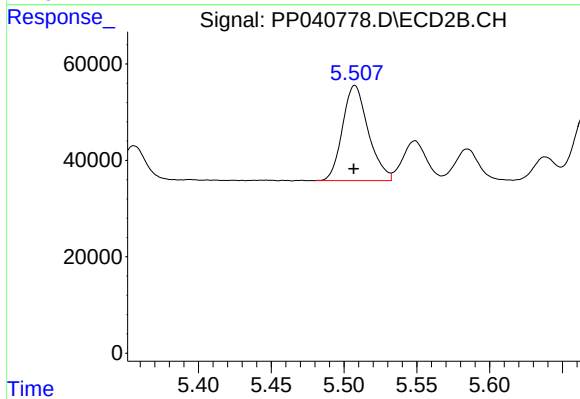
#23 AR-1248-3

R.T.: 5.324 min
Delta R.T.: 0.000 min
Response: 236819
Conc: 392.63 ng/ml



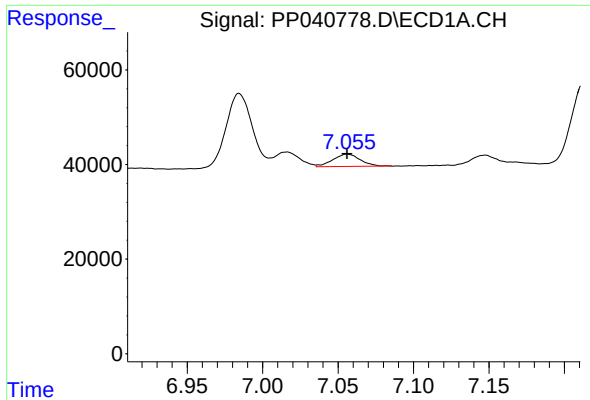
#24 AR-1248-4

R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 37006
Conc: 46.85 ng/ml



#24 AR-1248-4

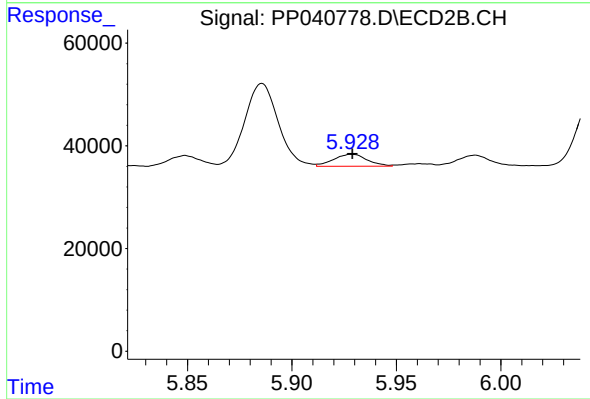
R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 243761
Conc: 354.55 ng/ml



#25 AR-1248-5

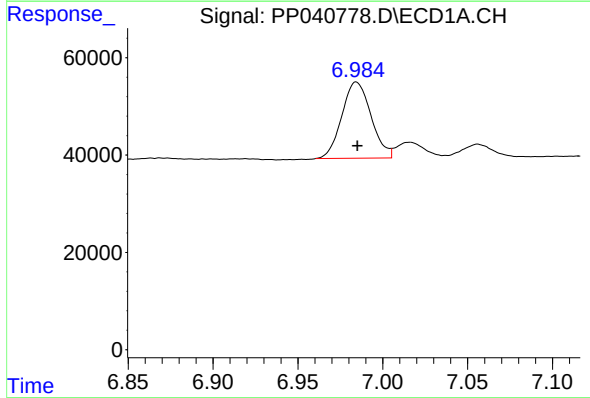
R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 33161
Conc: 42.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



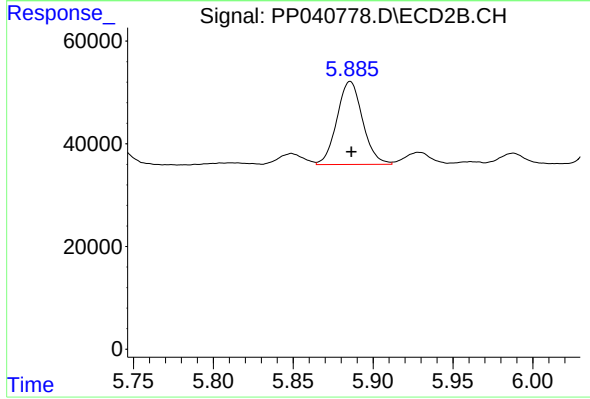
#25 AR-1248-5

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 26166
Conc: 41.43 ng/ml



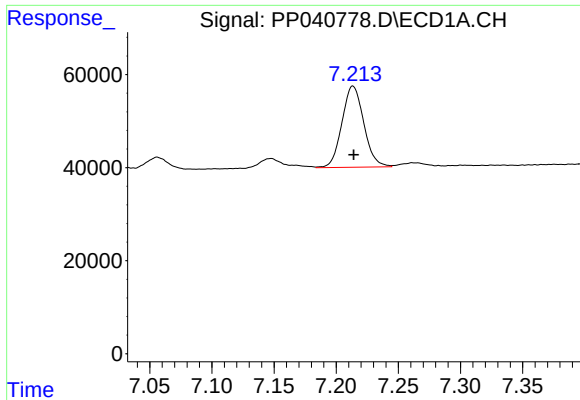
#26 AR-1254-1

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 187905
Conc: 243.39 ng/ml



#26 AR-1254-1

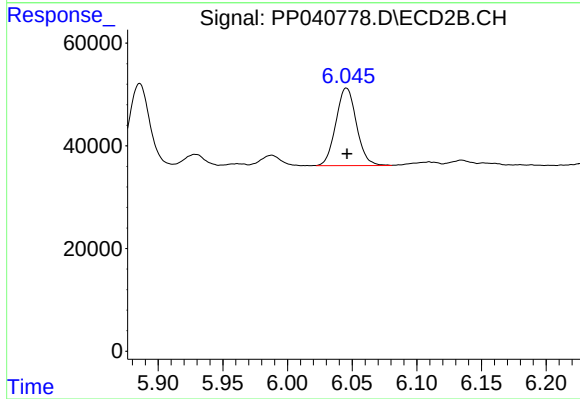
R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 180728
Conc: 185.80 ng/ml



#27 AR-1254-2

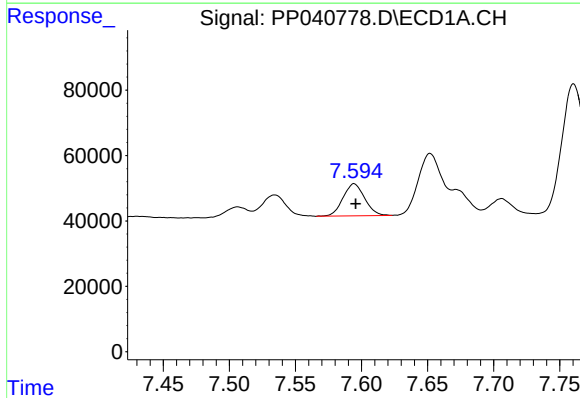
R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 213319
Conc: 171.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



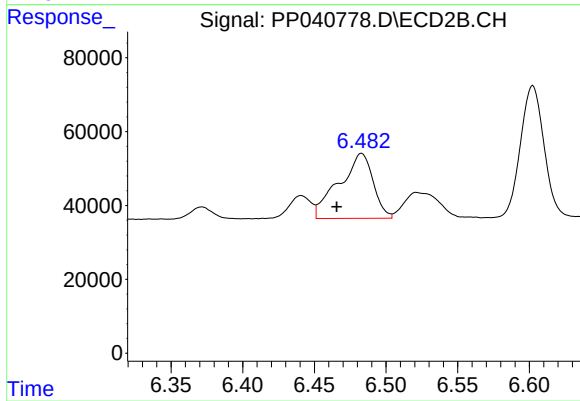
#27 AR-1254-2

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 167522
Conc: 199.61 ng/ml



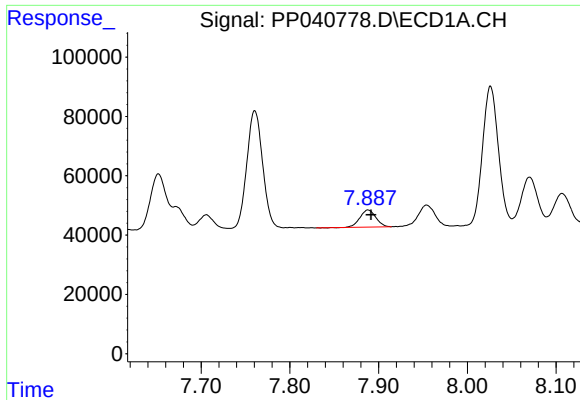
#28 AR-1254-3

R.T.: 7.594 min
Delta R.T.: -0.001 min
Response: 111913
Conc: 83.13 ng/ml



#28 AR-1254-3

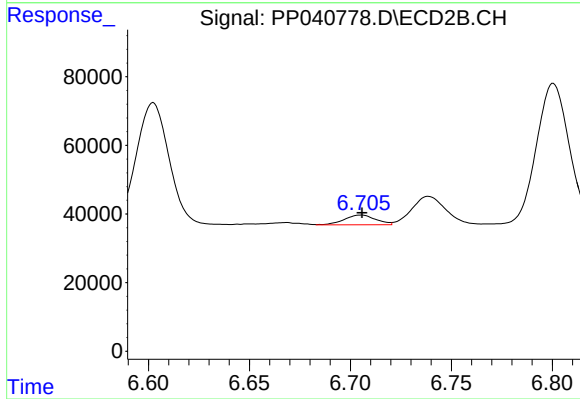
R.T.: 6.483 min
Delta R.T.: 0.017 min
Response: 291603
Conc: 230.90 ng/ml



#29 AR-1254-4

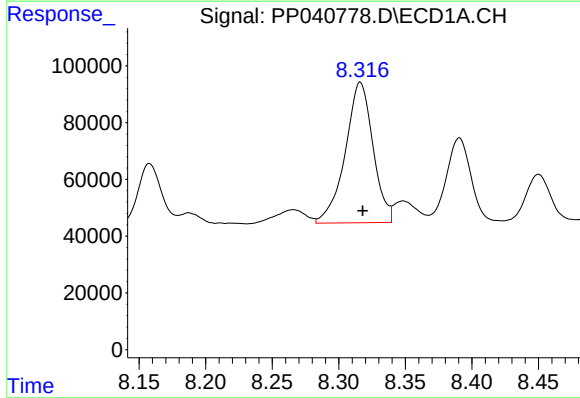
R.T.: 7.888 min
Delta R.T.: -0.003 min
Response: 72282
Conc: 74.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



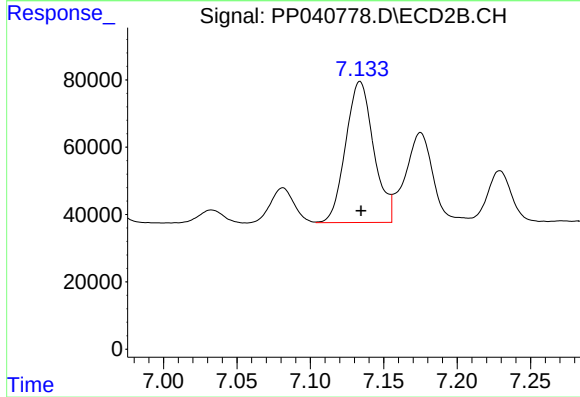
#29 AR-1254-4

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 30988
Conc: 41.65 ng/ml



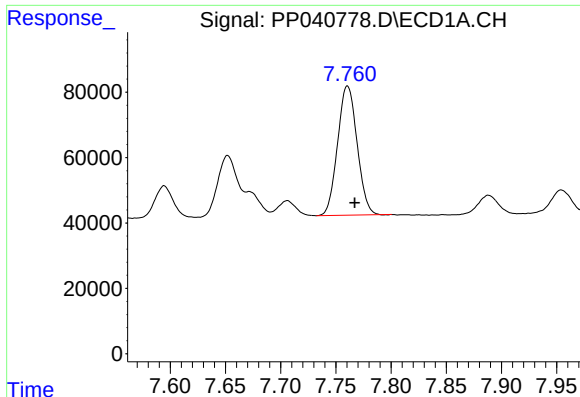
#30 AR-1254-5

R.T.: 8.316 min
Delta R.T.: -0.002 min
Response: 718296
Conc: 662.06 ng/ml



#30 AR-1254-5

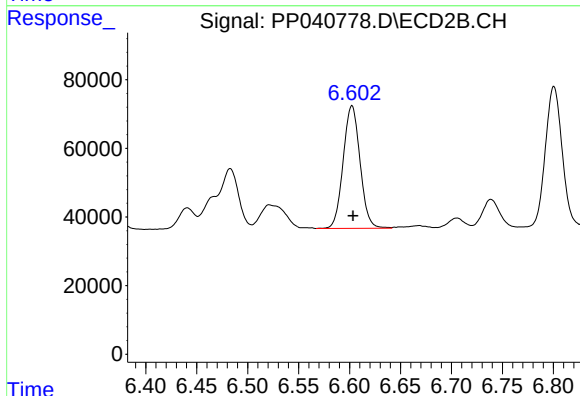
R.T.: 7.134 min
Delta R.T.: 0.000 min
Response: 556850
Conc: 518.55 ng/ml



#31 AR-1260-1

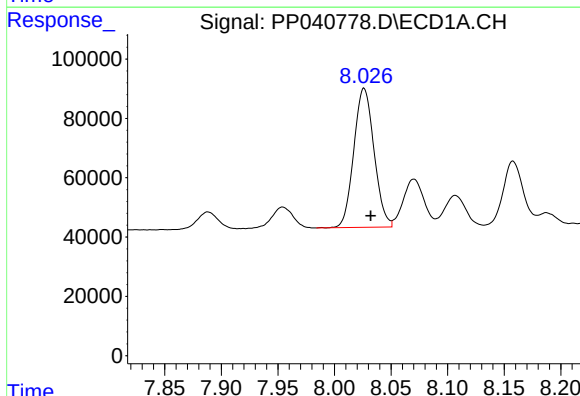
R.T.: 7.761 min
Delta R.T.: -0.006 min
Response: 486026
Conc: 500.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



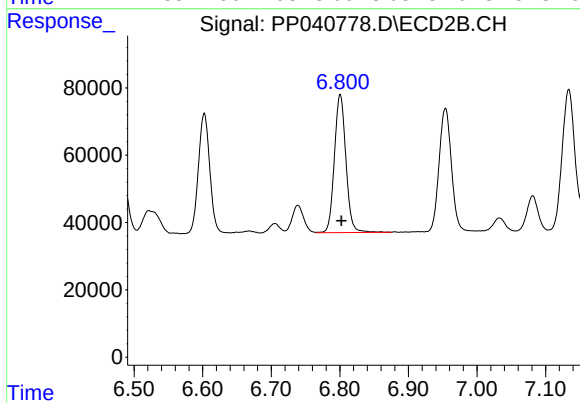
#31 AR-1260-1

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 412140
Conc: 474.98 ng/ml



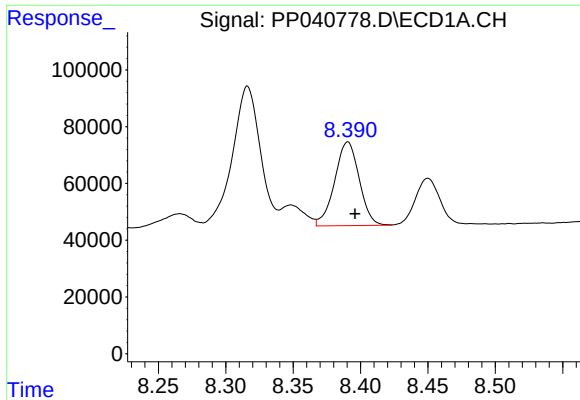
#32 AR-1260-2

R.T.: 8.026 min
Delta R.T.: -0.006 min
Response: 583836
Conc: 504.30 ng/ml



#32 AR-1260-2

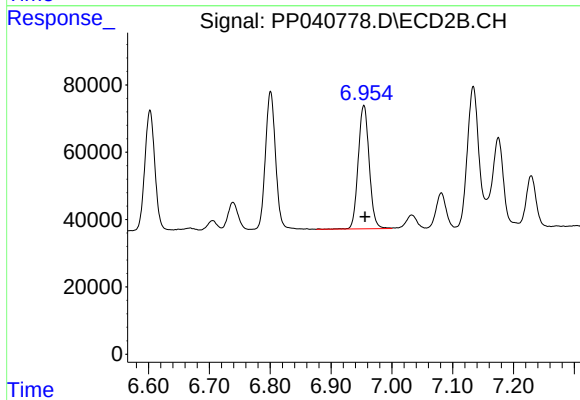
R.T.: 6.801 min
Delta R.T.: -0.002 min
Response: 478412
Conc: 475.45 ng/ml



#33 AR-1260-3

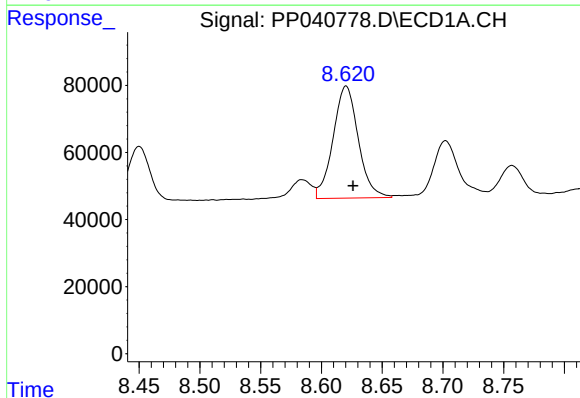
R.T.: 8.391 min
Delta R.T.: -0.005 min
Response: 375351
Conc: 425.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



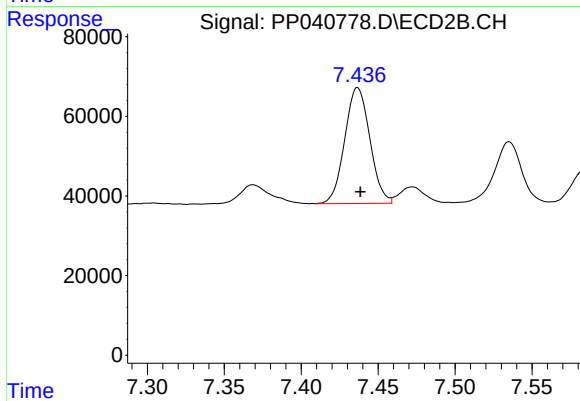
#33 AR-1260-3

R.T.: 6.954 min
Delta R.T.: -0.002 min
Response: 459734
Conc: 487.06 ng/ml



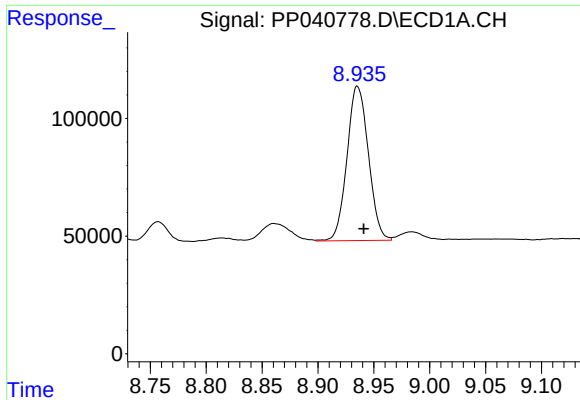
#34 AR-1260-4

R.T.: 8.620 min
Delta R.T.: -0.006 min
Response: 483114
Conc: 457.24 ng/ml



#34 AR-1260-4

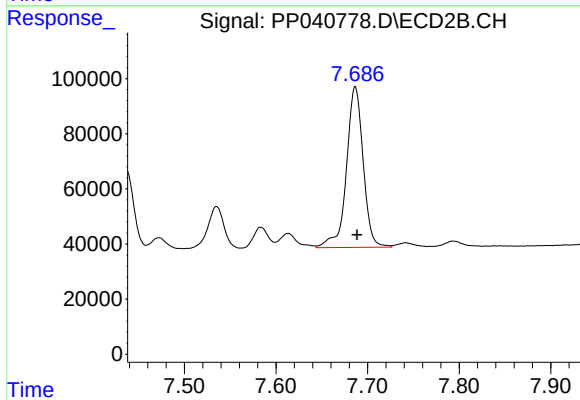
R.T.: 7.437 min
Delta R.T.: -0.002 min
Response: 329683
Conc: 419.90 ng/ml



#35 AR-1260-5

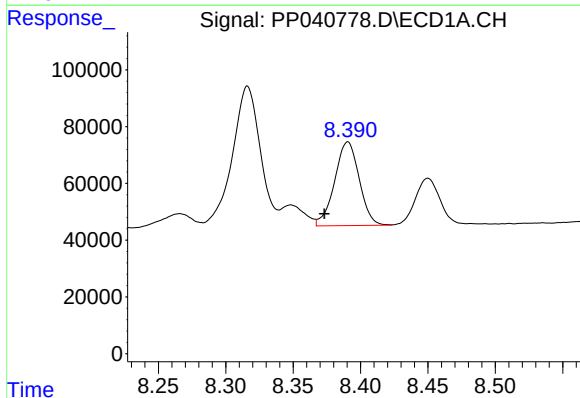
R.T.: 8.935 min
Delta R.T.: -0.006 min
Response: 875277
Conc: 419.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



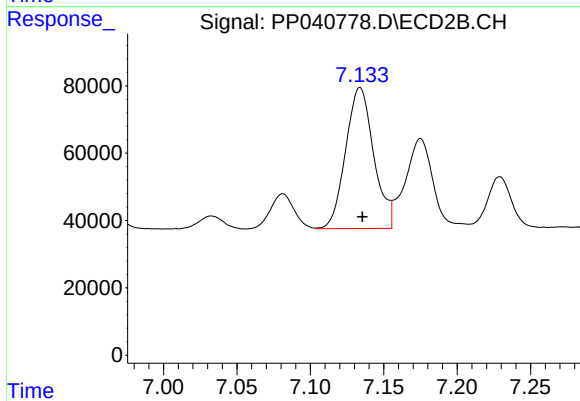
#35 AR-1260-5

R.T.: 7.687 min
Delta R.T.: -0.002 min
Response: 740142
Conc: 416.62 ng/ml



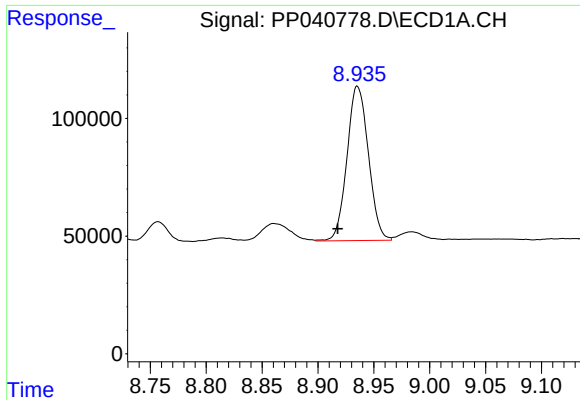
#36 AR-1262-1

R.T.: 8.391 min
Delta R.T.: 0.017 min
Response: 375351
Conc: 299.56 ng/ml



#36 AR-1262-1

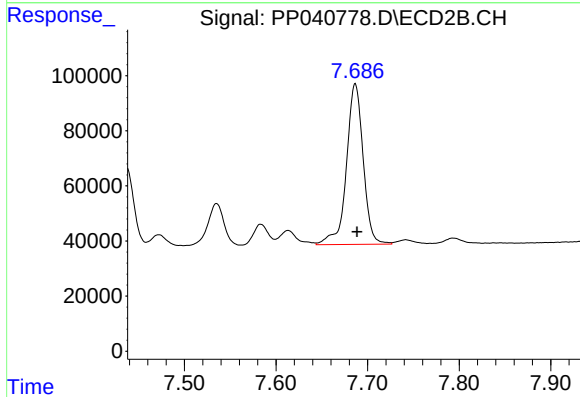
R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 556850
Conc: 966.30 ng/ml



#37 AR-1262-2

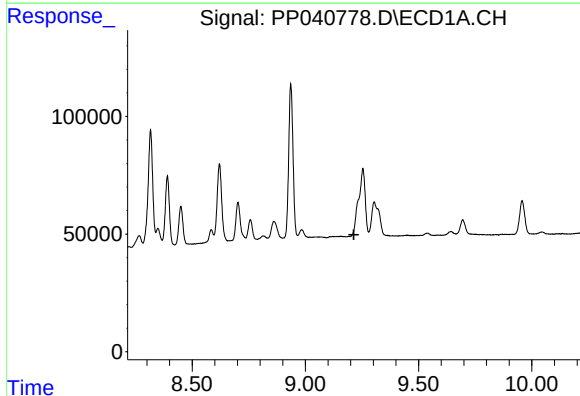
R.T.: 8.935 min
Delta R.T.: 0.017 min
Response: 875277
Conc: 385.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



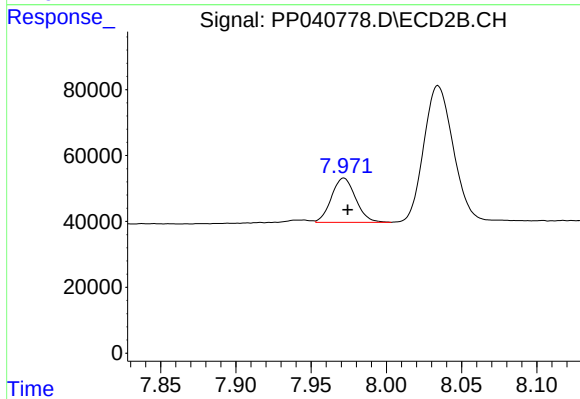
#37 AR-1262-2

R.T.: 7.687 min
Delta R.T.: -0.002 min
Response: 740142
Conc: 415.67 ng/ml



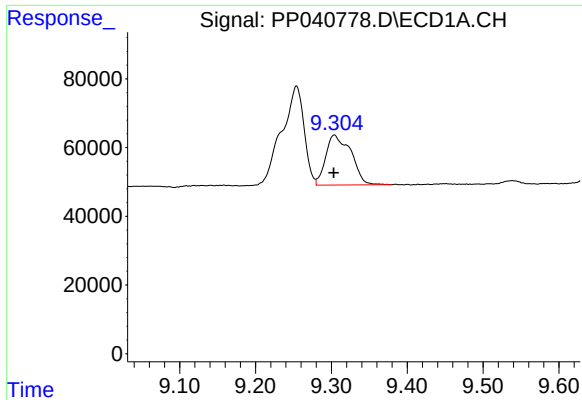
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.214 min
Response: 0
Conc: N.D.



#38 AR-1262-3

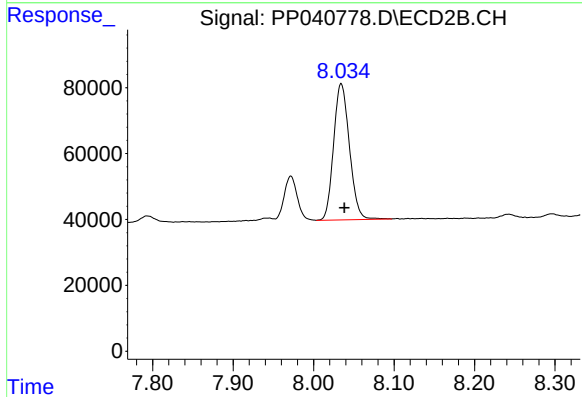
R.T.: 7.972 min
Delta R.T.: -0.003 min
Response: 150415
Conc: 194.00 ng/ml



#39 AR-1262-4

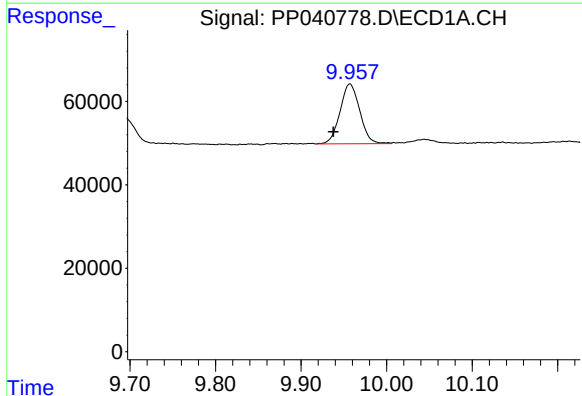
R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 336411
Conc: 573.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



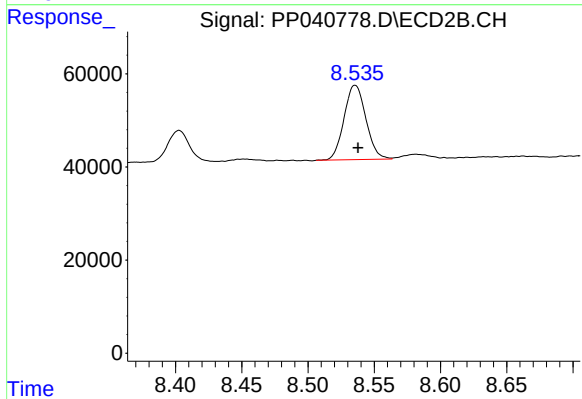
#39 AR-1262-4

R.T.: 8.034 min
Delta R.T.: -0.004 min
Response: 564337
Conc: 402.66 ng/ml



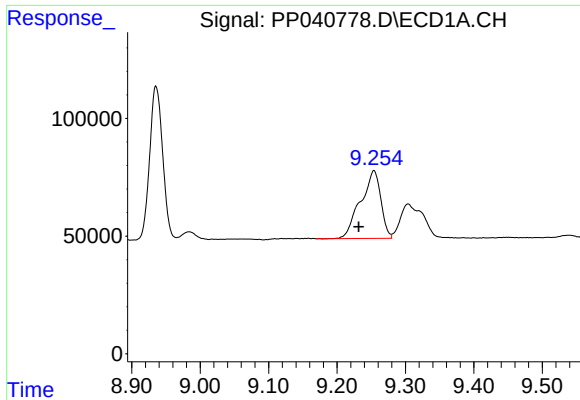
#40 AR-1262-5

R.T.: 9.957 min
Delta R.T.: 0.020 min
Response: 230442
Conc: 253.07 ng/ml



#40 AR-1262-5

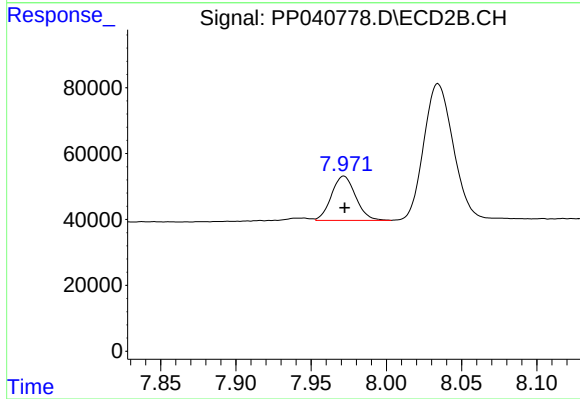
R.T.: 8.536 min
Delta R.T.: -0.002 min
Response: 183528
Conc: 264.29 ng/ml



#41 AR-1268-1

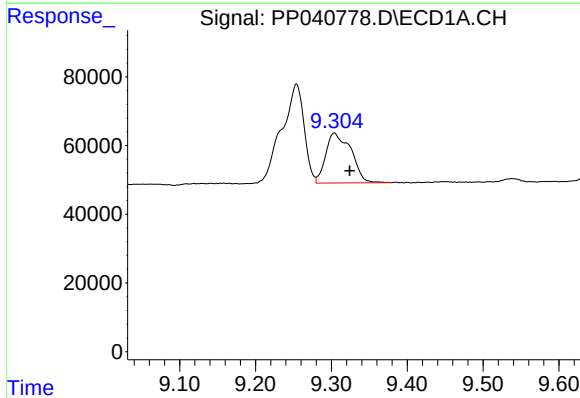
R.T.: 9.254 min
Delta R.T.: 0.022 min
Response: 592553
Conc: 217.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



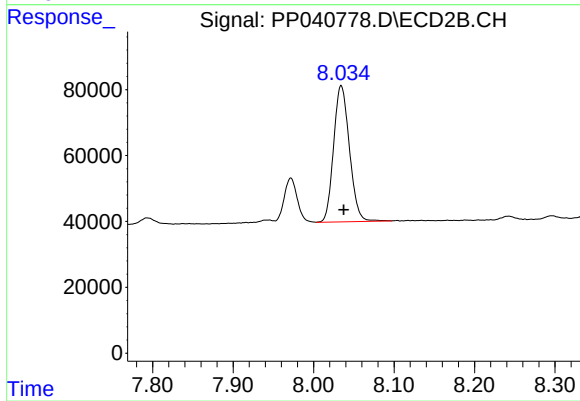
#41 AR-1268-1

R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 150415
Conc: 70.15 ng/ml



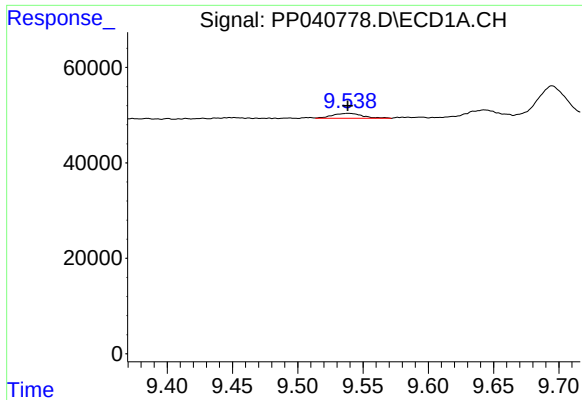
#42 AR-1268-2

R.T.: 9.304 min
Delta R.T.: -0.020 min
Response: 336411
Conc: 128.50 ng/ml



#42 AR-1268-2

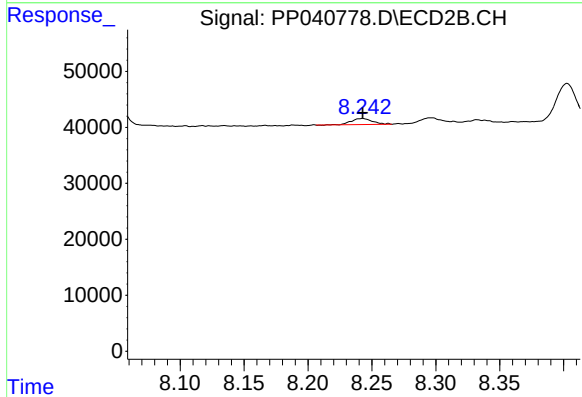
R.T.: 8.034 min
Delta R.T.: -0.003 min
Response: 564337
Conc: 283.12 ng/ml



#43 AR-1268-3

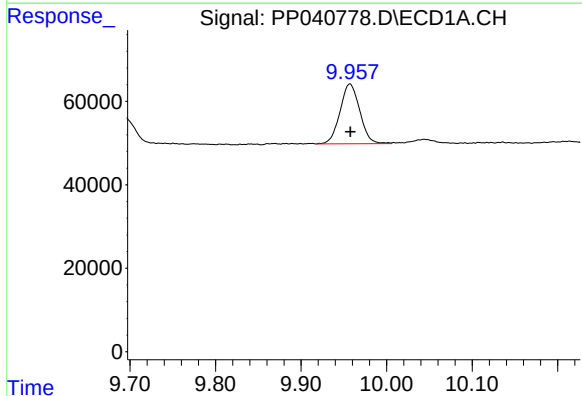
R.T.: 9.539 min
Delta R.T.: 0.000 min
Response: 16328
Conc: 7.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



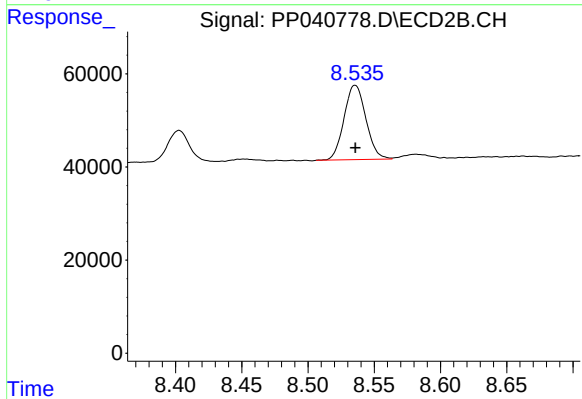
#43 AR-1268-3

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 12455
Conc: 7.13 ng/ml



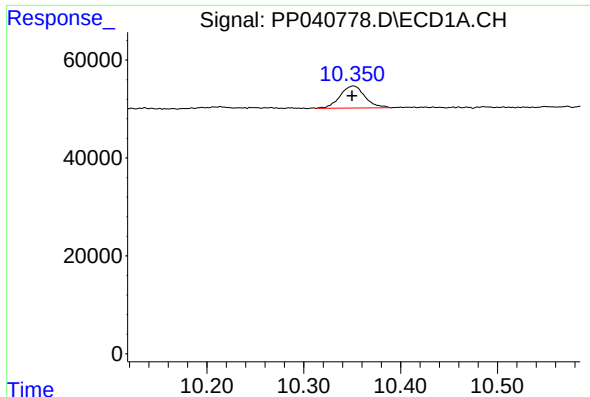
#44 AR-1268-4

R.T.: 9.957 min
Delta R.T.: 0.000 min
Response: 230442
Conc: 226.79 ng/ml



#44 AR-1268-4

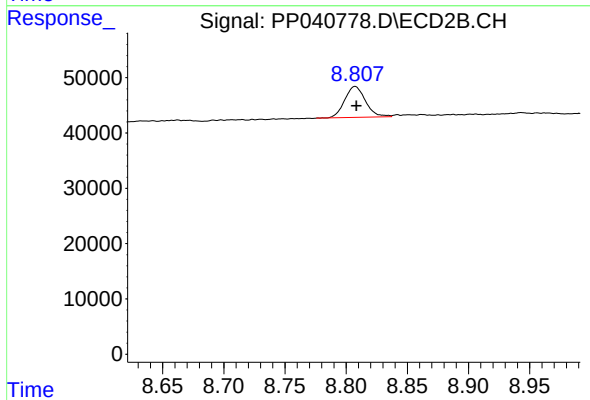
R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 183528
Conc: 239.12 ng/ml



#45 AR-1268-5

R.T.: 10.351 min
Delta R.T.: 0.001 min
Response: 80750
Conc: 11.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.807 min
Delta R.T.: -0.001 min
Response: 66458
Conc: 12.31 ng/ml