

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072021\
 Data File : PP037435.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Jul 2021 17:00
 Operator : DD\AJ
 Sample : M3083-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 02:09:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 07 08:32:32 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...	4.957	3.948	1006933	562547	22.155	20.558
2)	SA Decachlor...	10.989	9.241	905209	547775	19.663	19.679
Target Compounds							
3)	L1 AR-1016-1	6.278	5.198	760347	437240	437.556	423.107
4)	L1 AR-1016-2	6.302	5.218	1078045	605463	431.202	422.883
5)	L1 AR-1016-3	6.369	5.409	684269	332419	429.630	425.468
6)	L1 AR-1016-4	6.476	5.462	575343	247173	436.333	409.505
7)	L1 AR-1016-5	6.790	5.689	554172	325380	438.077	421.371
8)	L2 AR-1221-1	5.206	4.203	102374	42269	193.023	138.398 #
9)	L2 AR-1221-2	5.307	4.302	94963	53445	234.400	227.025
10)	L2 AR-1221-3	5.394	4.390	420321	239789	344.967	322.391
11)	L3 AR-1232-1	5.394	4.390	420321	239789	378.289	353.167
12)	L3 AR-1232-2	5.983	5.218	564537	605463	946.775	967.329
13)	L3 AR-1232-3	6.302	5.409	1078045	332419	985.185	1001.223
14)	L3 AR-1232-4	6.476	5.506	575343	308426	990.989	1118.661
15)	L3 AR-1232-5	6.573	5.689	439869	325380	1143.744	1094.559
16)	L4 AR-1242-1	6.278	5.198	760347	437240	596.496	580.126
17)	L4 AR-1242-2	6.302	5.218	1078045	605463	594.580	588.416
18)	L4 AR-1242-3	6.369	5.409	684269	332419	594.931	583.788
19)	L4 AR-1242-4	6.476	5.506	575343	308426	601.004	598.448
20)	L4 AR-1242-5	7.259	6.068	83395	252360	80.191	370.748 #
21)	L5 AR-1248-1	6.278	5.198	760347	437240	724.433	692.858
22)	L5 AR-1248-2	6.573	5.462	439869	247173	296.298	301.331
23)	L5 AR-1248-3	6.790	5.506	554172	308426	335.495	360.407
24)	L5 AR-1248-4	7.219	5.689	96732	325380	51.178	319.729 #
25)	L5 AR-1248-5	7.259	6.111	83395	37840	44.558	35.673
26)	L6 AR-1254-1	7.188	6.068	419225	252360	233.357	169.988 #
27)	L6 AR-1254-2	7.416	6.229	460316	244154	165.482	187.955
28)	L6 AR-1254-3	7.799	6.649	270585	123483	87.766	57.864 #
29)	L6 AR-1254-4	8.093	6.888	168530	49464	74.195	36.458 #
30)	L6 AR-1254-5	8.523	7.318	1473457	911376	588.819	486.161
31)	L7 AR-1260-1	7.966	6.786	986525	617917	448.128	447.179
32)	L7 AR-1260-2	8.231	6.985	1190342	747147	427.908	444.748
33)	L7 AR-1260-3	8.596	7.138	766480	702202	379.224	409.828
34)	L7 AR-1260-4	8.828	7.622	975638	521001	396.631	383.222
35)	L7 AR-1260-5	9.155	7.871	1795081	1219505	389.017	378.091
36)	L8 AR-1262-1	8.596	7.318	766480	911376	263.169	877.681 #
37)	L8 AR-1262-2	9.155	7.871	1795081	1219505	341.807	350.569
38)	L8 AR-1262-3	9.491f	8.158	1243128	241677	324.440	171.651 #
39)	L8 AR-1262-4	9.544f	8.220	677301	925896	230.498	347.690 #
40)	L8 AR-1262-5	10.233	8.720	504584	282423	237.305	223.436
41)	L9 AR-1268-1	9.491f	8.158	1243128	241677	204.705	60.645 #

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

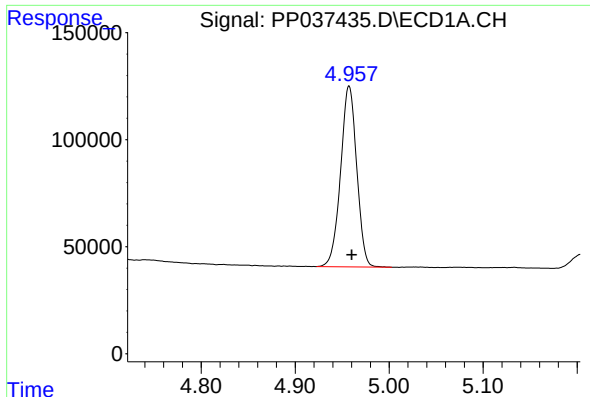
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 02:09:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.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	9.544f	8.220	677301	925896	117.841	250.164 #
43) L9	AR-1268-3	9.793	8.431	41940	20382	8.553	6.488
44) L9	AR-1268-4	10.233	8.720	504584	282423	220.563	206.076
45) L9	AR-1268-5	10.651	8.999	166203	89018	10.497	8.649

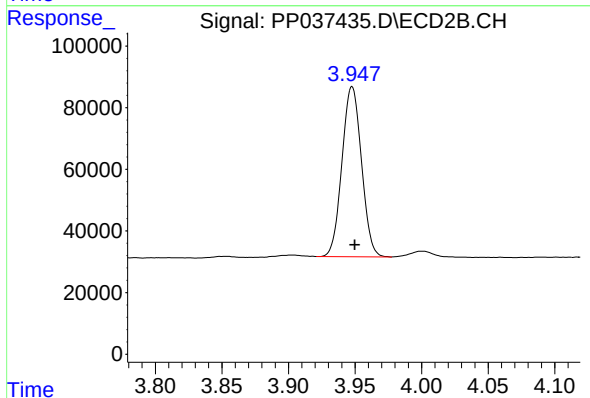
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

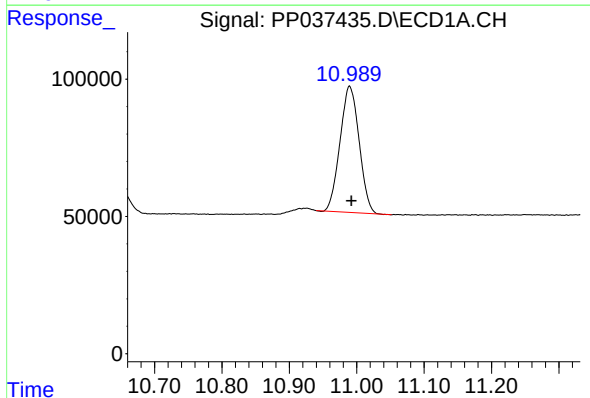
R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 1006933
Conc: 22.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



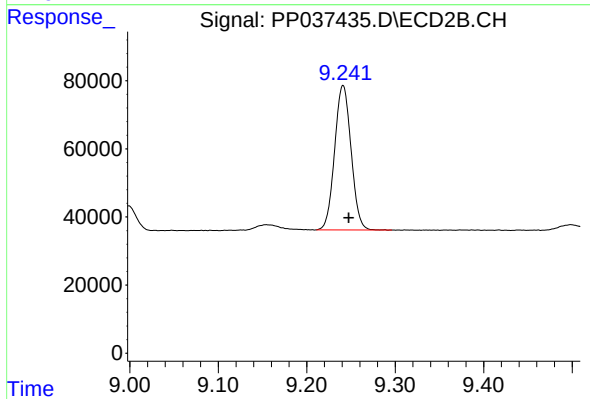
#1 Tetrachloro-m-xylene

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 562547
Conc: 20.56 ng/ml



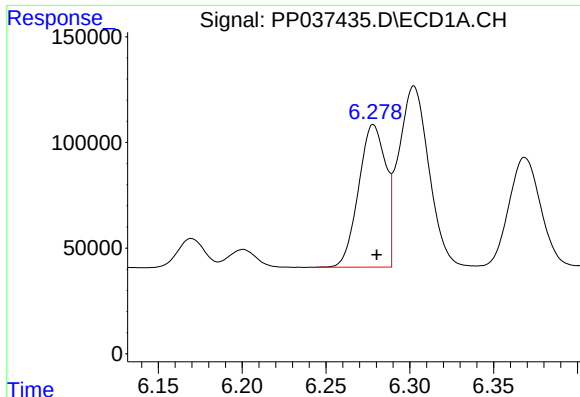
#2 Decachlorobiphenyl

R.T.: 10.989 min
Delta R.T.: -0.003 min
Response: 905209
Conc: 19.66 ng/ml



#2 Decachlorobiphenyl

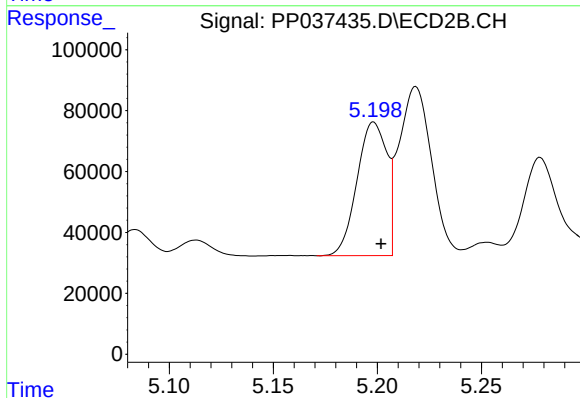
R.T.: 9.241 min
Delta R.T.: -0.006 min
Response: 547775
Conc: 19.68 ng/ml



#3 AR-1016-1

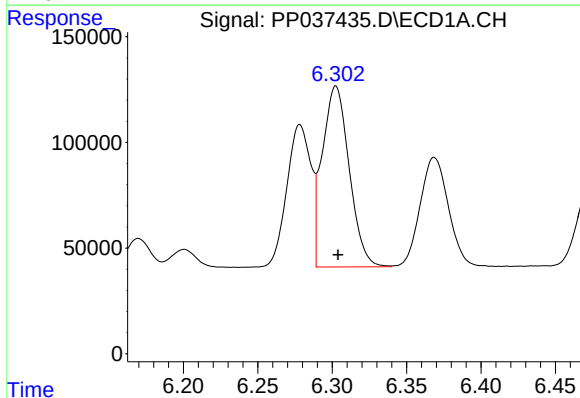
R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 760347
Conc: 437.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



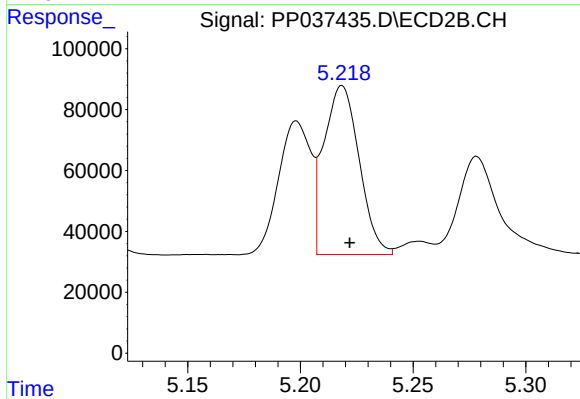
#3 AR-1016-1

R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 437240
Conc: 423.11 ng/ml



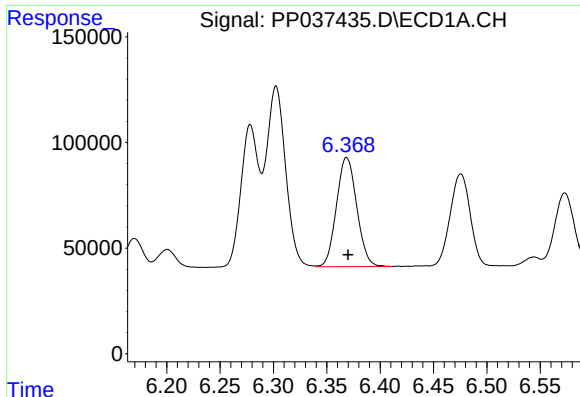
#4 AR-1016-2

R.T.: 6.302 min
Delta R.T.: -0.001 min
Response: 1078045
Conc: 431.20 ng/ml



#4 AR-1016-2

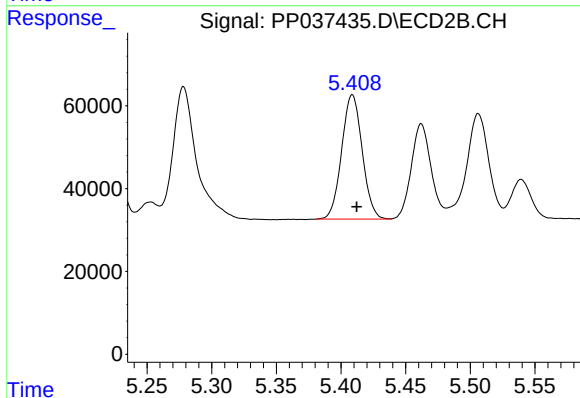
R.T.: 5.218 min
Delta R.T.: -0.003 min
Response: 605463
Conc: 422.88 ng/ml



#5 AR-1016-3

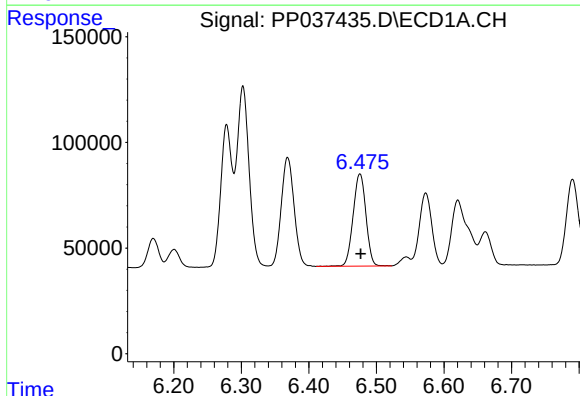
R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 684269
Conc: 429.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



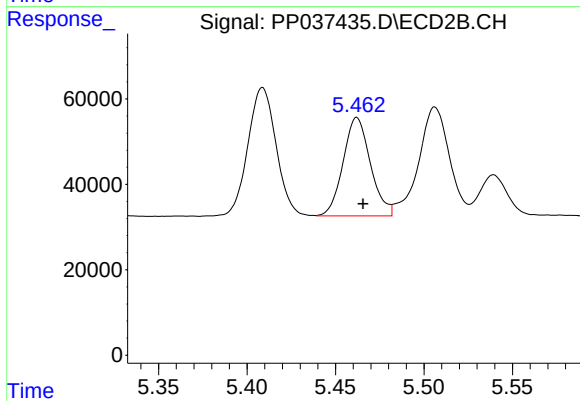
#5 AR-1016-3

R.T.: 5.409 min
Delta R.T.: -0.003 min
Response: 332419
Conc: 425.47 ng/ml



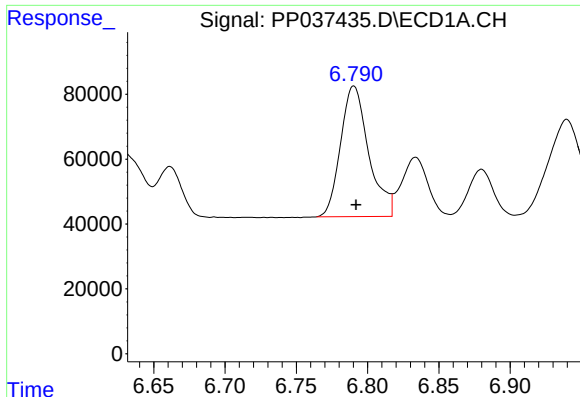
#6 AR-1016-4

R.T.: 6.476 min
Delta R.T.: -0.001 min
Response: 575343
Conc: 436.33 ng/ml



#6 AR-1016-4

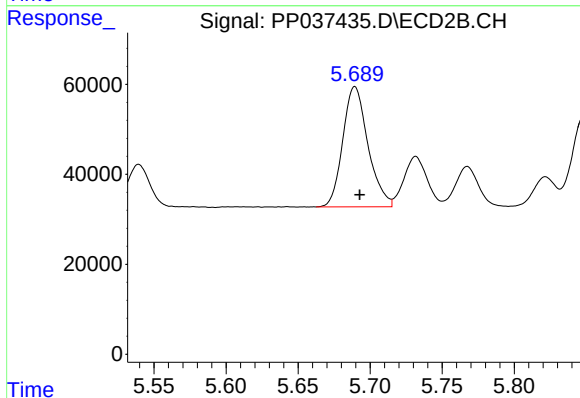
R.T.: 5.462 min
Delta R.T.: -0.004 min
Response: 247173
Conc: 409.51 ng/ml



#7 AR-1016-5

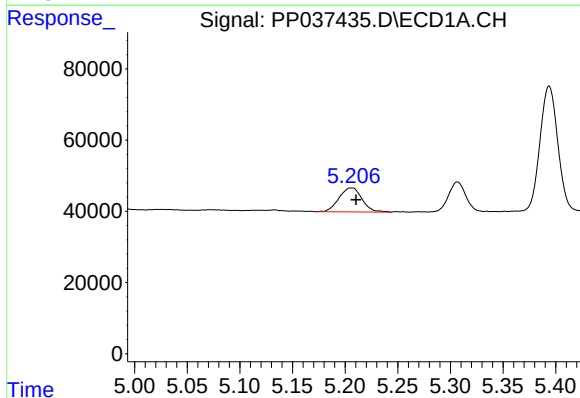
R.T.: 6.790 min
Delta R.T.: -0.001 min
Response: 554172
Conc: 438.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



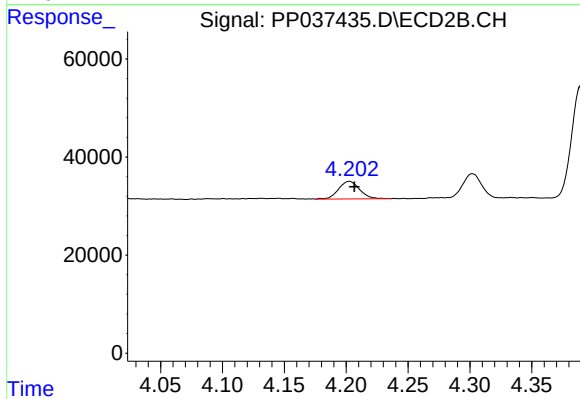
#7 AR-1016-5

R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 325380
Conc: 421.37 ng/ml



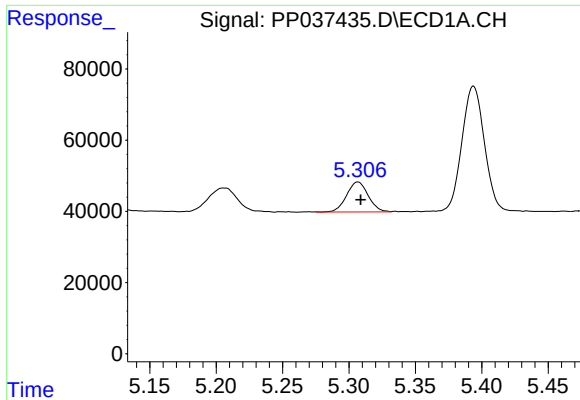
#8 AR-1221-1

R.T.: 5.206 min
Delta R.T.: -0.005 min
Response: 102374
Conc: 193.02 ng/ml



#8 AR-1221-1

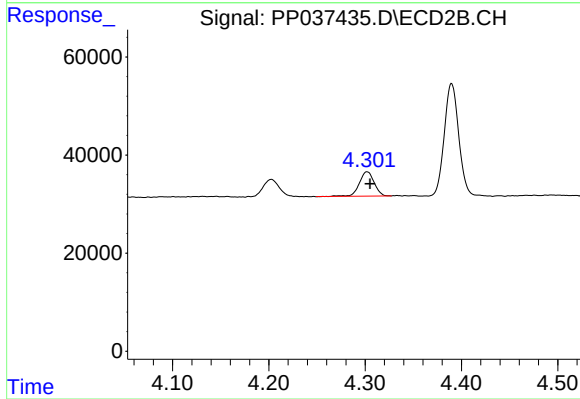
R.T.: 4.203 min
Delta R.T.: -0.004 min
Response: 42269
Conc: 138.40 ng/ml



#9 AR-1221-2

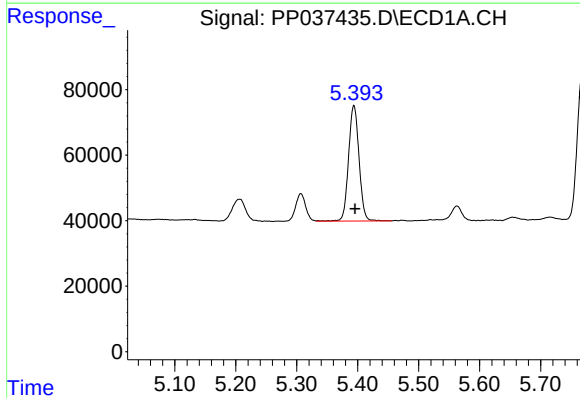
R.T.: 5.307 min
Delta R.T.: -0.002 min
Response: 94963
Conc: 234.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



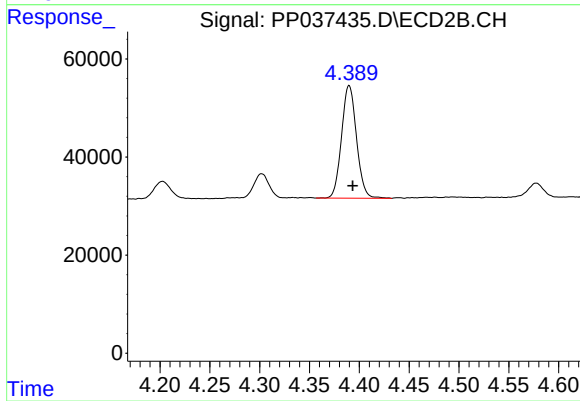
#9 AR-1221-2

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 53445
Conc: 227.03 ng/ml



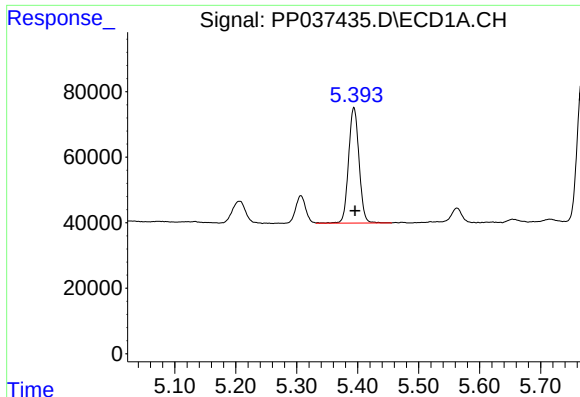
#10 AR-1221-3

R.T.: 5.394 min
Delta R.T.: -0.002 min
Response: 420321
Conc: 344.97 ng/ml



#10 AR-1221-3

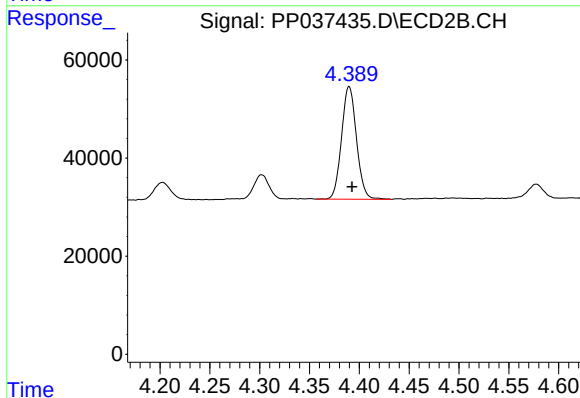
R.T.: 4.390 min
Delta R.T.: -0.003 min
Response: 239789
Conc: 322.39 ng/ml



#11 AR-1232-1

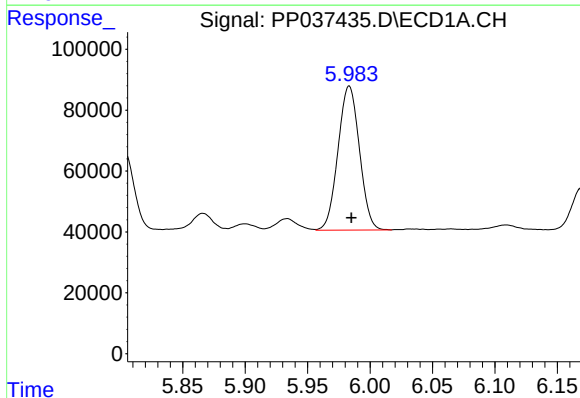
R.T.: 5.394 min
Delta R.T.: -0.002 min
Response: 420321
Conc: 378.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



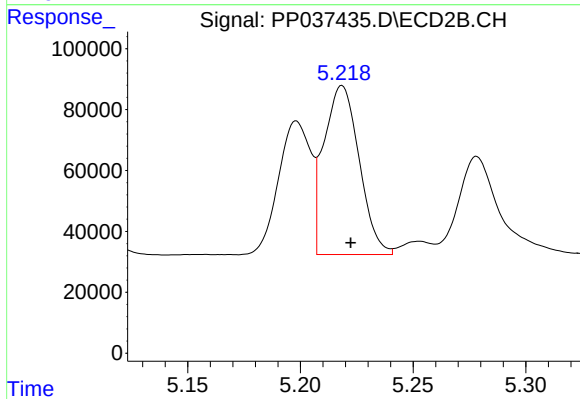
#11 AR-1232-1

R.T.: 4.390 min
Delta R.T.: -0.003 min
Response: 239789
Conc: 353.17 ng/ml



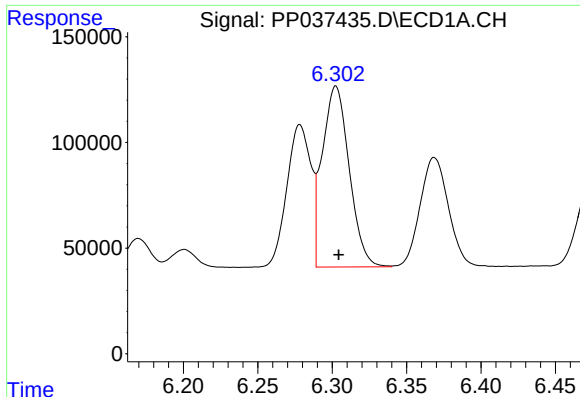
#12 AR-1232-2

R.T.: 5.983 min
Delta R.T.: -0.002 min
Response: 564537
Conc: 946.78 ng/ml



#12 AR-1232-2

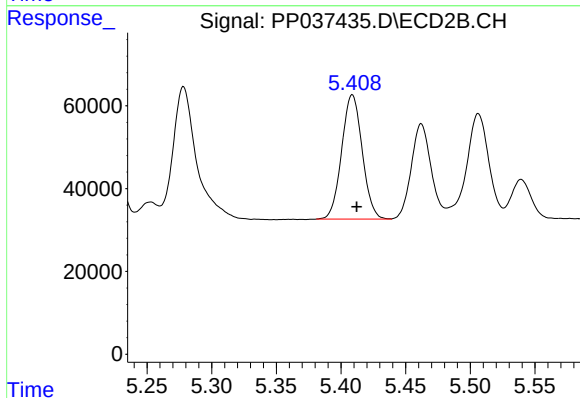
R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 605463
Conc: 967.33 ng/ml



#13 AR-1232-3

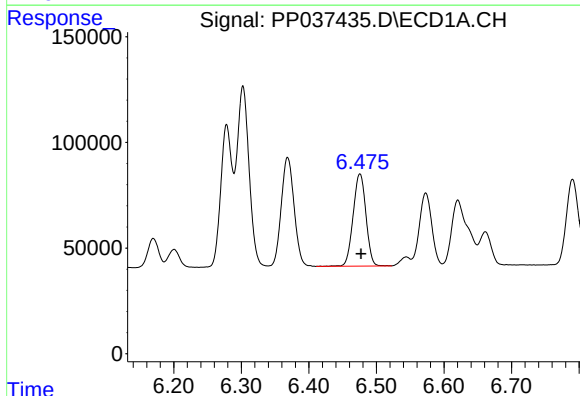
R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 1078045
Conc: 985.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



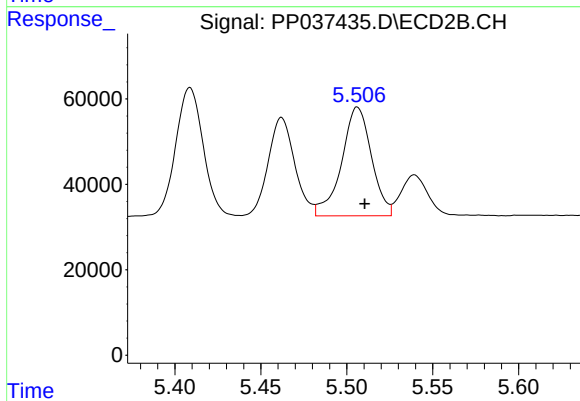
#13 AR-1232-3

R.T.: 5.409 min
Delta R.T.: -0.003 min
Response: 332419
Conc: 1001.22 ng/ml



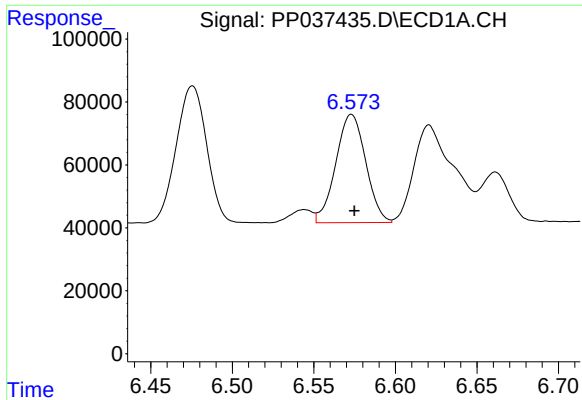
#14 AR-1232-4

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 575343
Conc: 990.99 ng/ml



#14 AR-1232-4

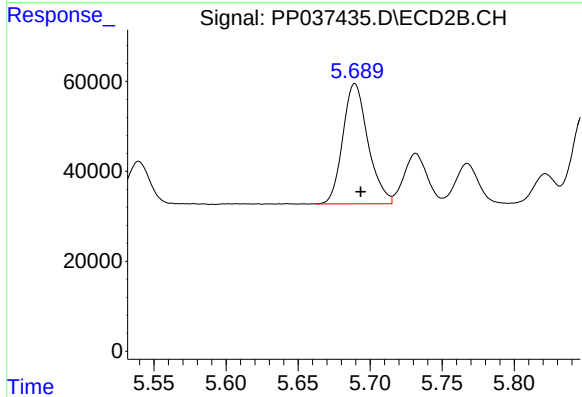
R.T.: 5.506 min
Delta R.T.: -0.004 min
Response: 308426
Conc: 1118.66 ng/ml



#15 AR-1232-5

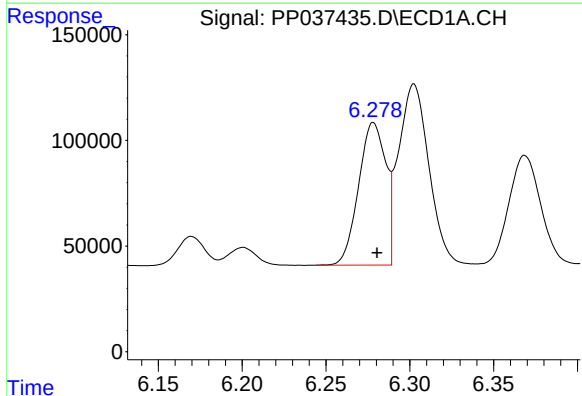
R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 439869
Conc: 1143.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



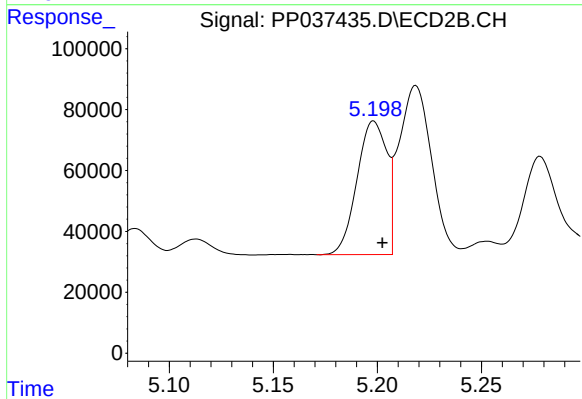
#15 AR-1232-5

R.T.: 5.689 min
Delta R.T.: -0.004 min
Response: 325380
Conc: 1094.56 ng/ml



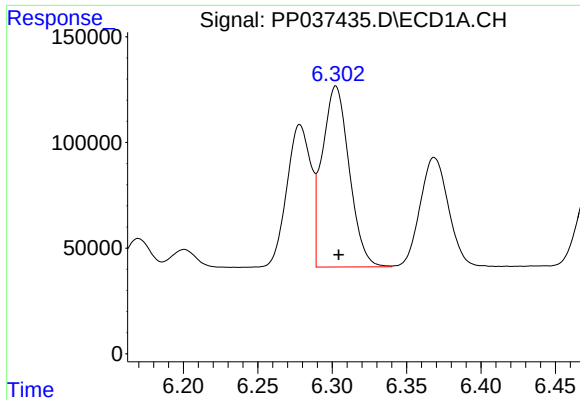
#16 AR-1242-1

R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 760347
Conc: 596.50 ng/ml



#16 AR-1242-1

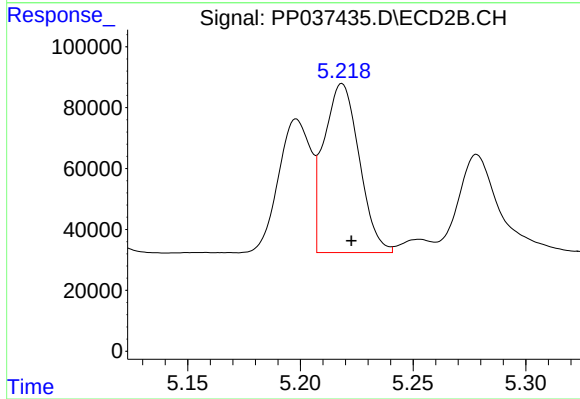
R.T.: 5.198 min
Delta R.T.: -0.004 min
Response: 437240
Conc: 580.13 ng/ml



#17 AR-1242-2

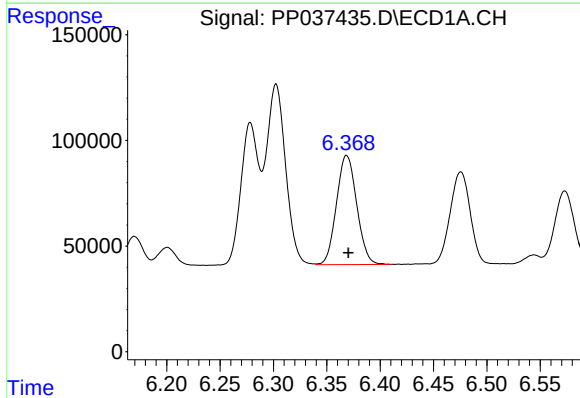
R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 1078045
Conc: 594.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



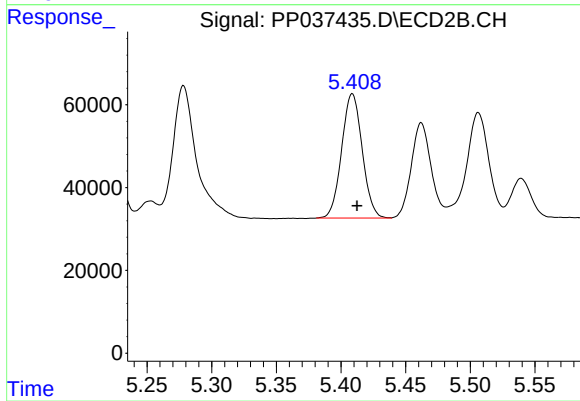
#17 AR-1242-2

R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 605463
Conc: 588.42 ng/ml



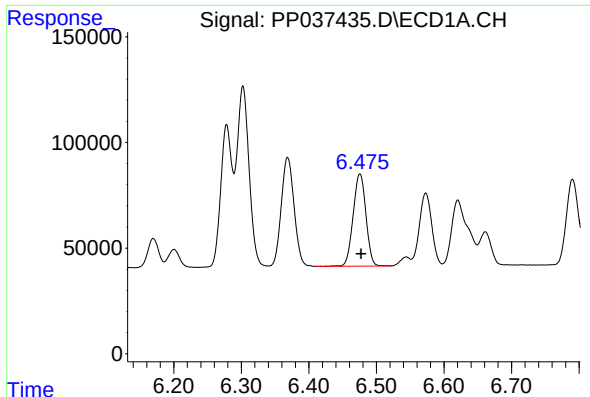
#18 AR-1242-3

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 684269
Conc: 594.93 ng/ml



#18 AR-1242-3

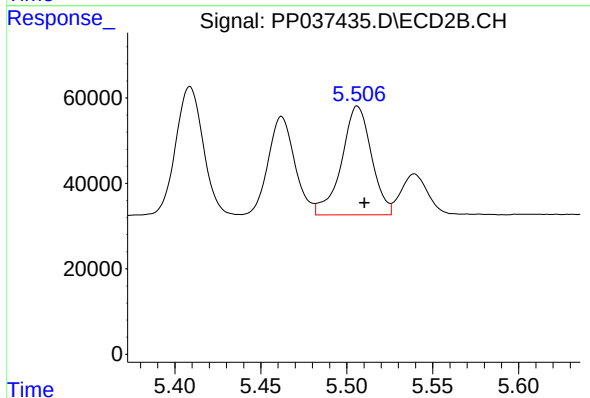
R.T.: 5.409 min
Delta R.T.: -0.004 min
Response: 332419
Conc: 583.79 ng/ml



#19 AR-1242-4

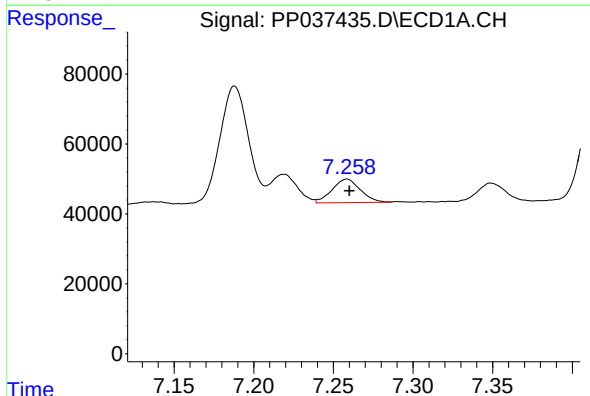
R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 575343
Conc: 601.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



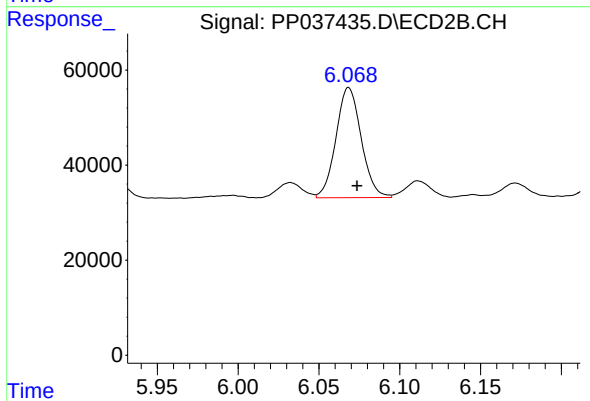
#19 AR-1242-4

R.T.: 5.506 min
Delta R.T.: -0.004 min
Response: 308426
Conc: 598.45 ng/ml



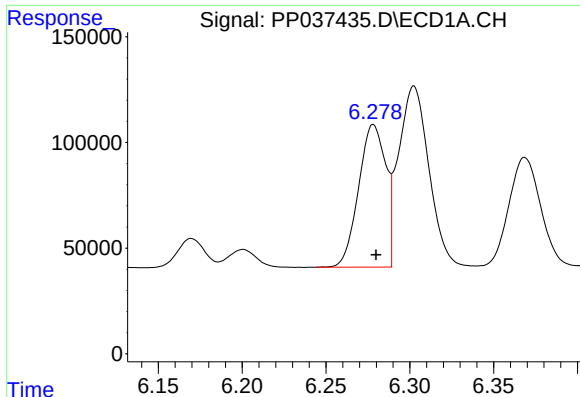
#20 AR-1242-5

R.T.: 7.259 min
Delta R.T.: -0.002 min
Response: 83395
Conc: 80.19 ng/ml



#20 AR-1242-5

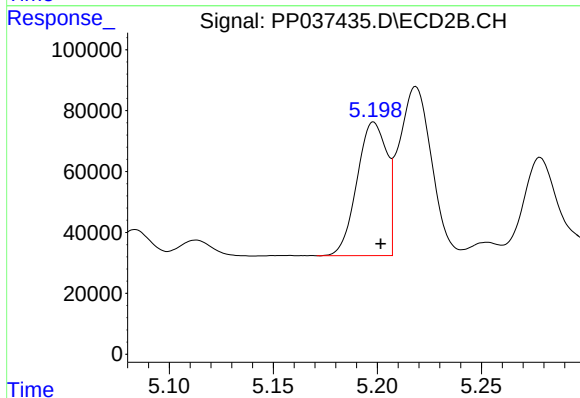
R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 252360
Conc: 370.75 ng/ml



#21 AR-1248-1

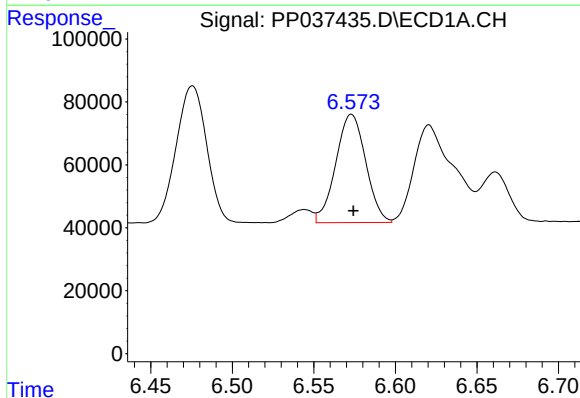
R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 760347
Conc: 724.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



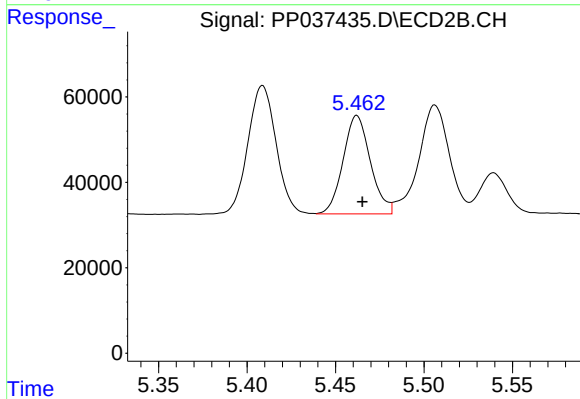
#21 AR-1248-1

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 437240
Conc: 692.86 ng/ml



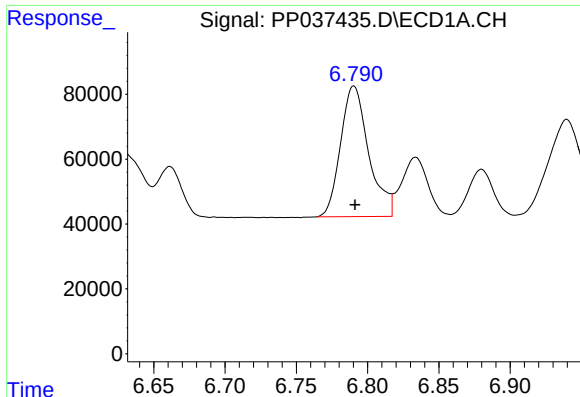
#22 AR-1248-2

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 439869
Conc: 296.30 ng/ml



#22 AR-1248-2

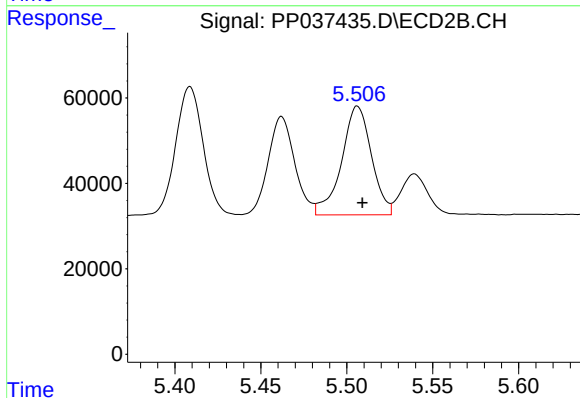
R.T.: 5.462 min
Delta R.T.: -0.003 min
Response: 247173
Conc: 301.33 ng/ml



#23 AR-1248-3

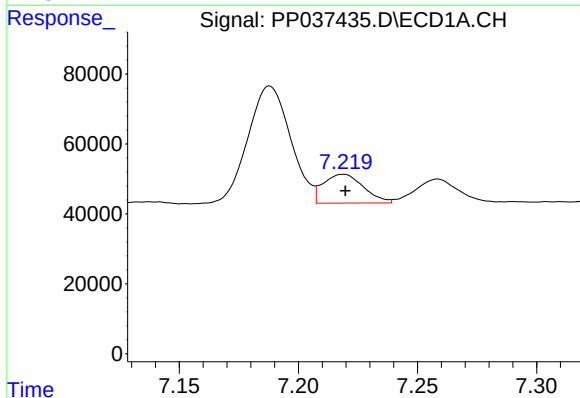
R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 554172
Conc: 335.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



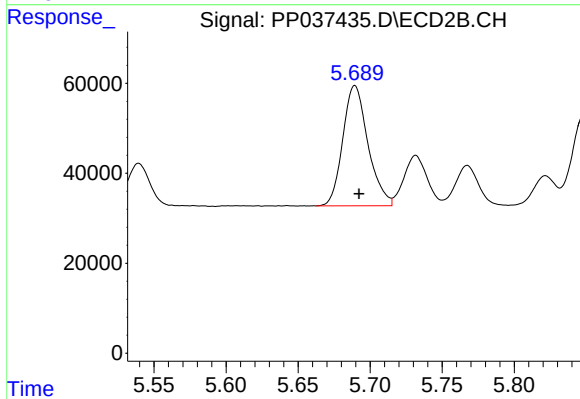
#23 AR-1248-3

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 308426
Conc: 360.41 ng/ml



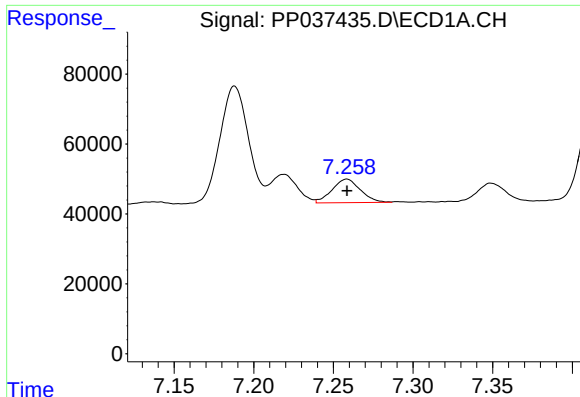
#24 AR-1248-4

R.T.: 7.219 min
Delta R.T.: 0.000 min
Response: 96732
Conc: 51.18 ng/ml



#24 AR-1248-4

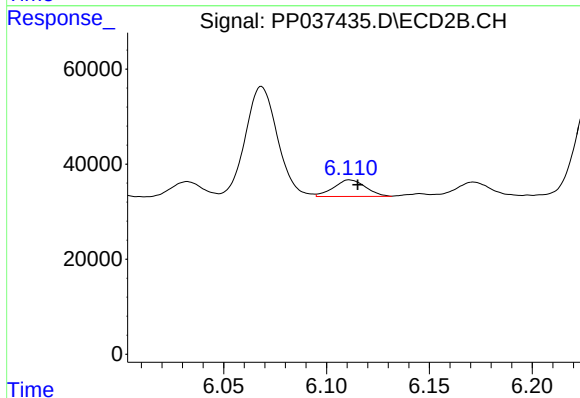
R.T.: 5.689 min
Delta R.T.: -0.003 min
Response: 325380
Conc: 319.73 ng/ml



#25 AR-1248-5

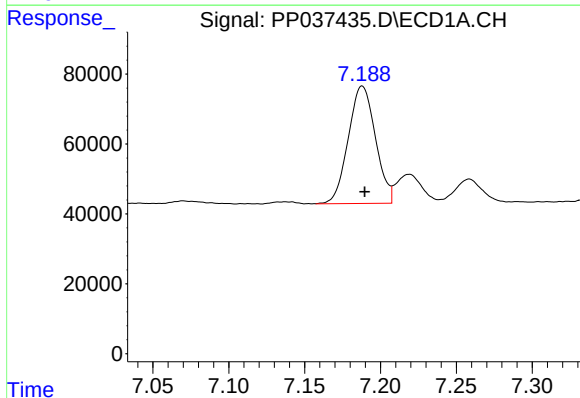
R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 83395
Conc: 44.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



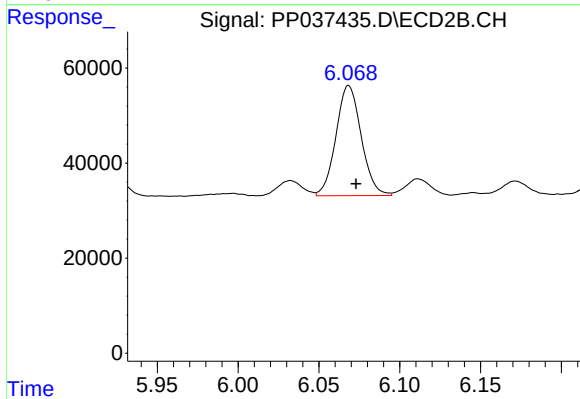
#25 AR-1248-5

R.T.: 6.111 min
Delta R.T.: -0.004 min
Response: 37840
Conc: 35.67 ng/ml



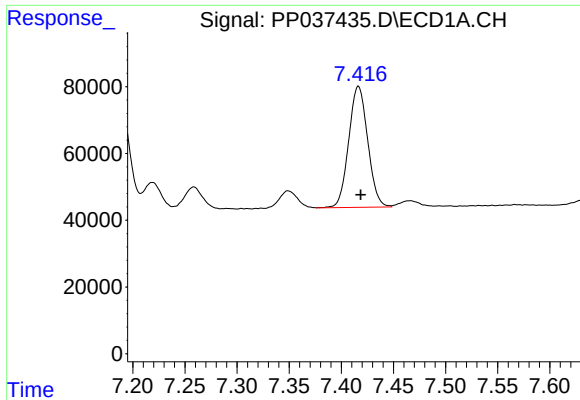
#26 AR-1254-1

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 419225
Conc: 233.36 ng/ml



#26 AR-1254-1

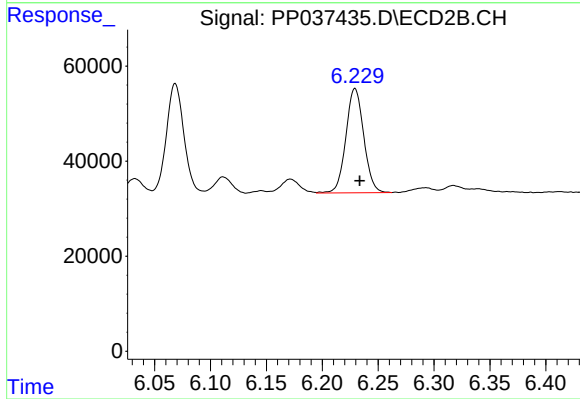
R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 252360
Conc: 169.99 ng/ml



#27 AR-1254-2

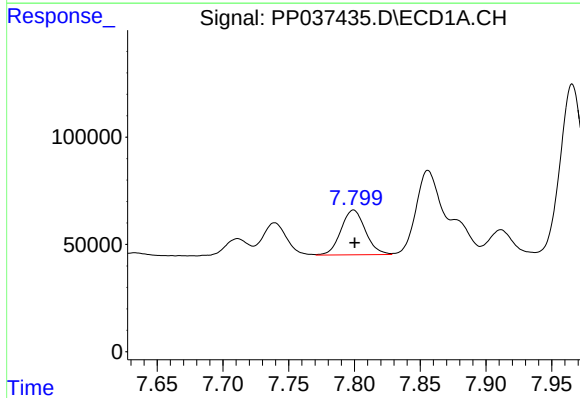
R.T.: 7.416 min
Delta R.T.: -0.002 min
Response: 460316
Conc: 165.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



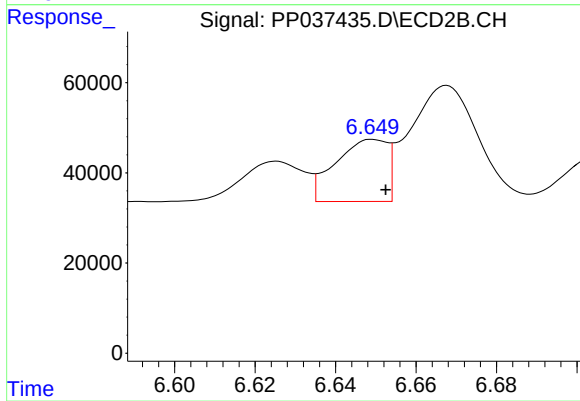
#27 AR-1254-2

R.T.: 6.229 min
Delta R.T.: -0.004 min
Response: 244154
Conc: 187.95 ng/ml



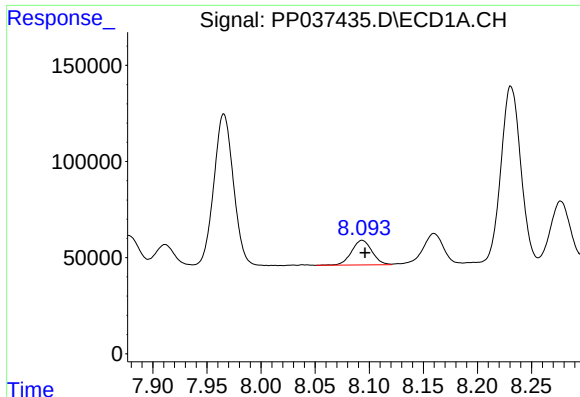
#28 AR-1254-3

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 270585
Conc: 87.77 ng/ml



#28 AR-1254-3

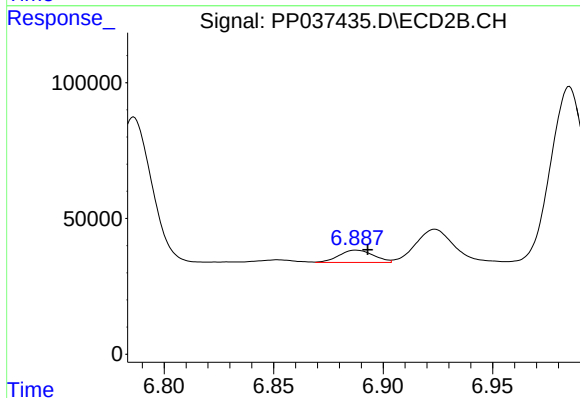
R.T.: 6.649 min
Delta R.T.: -0.003 min
Response: 123483
Conc: 57.86 ng/ml



#29 AR-1254-4

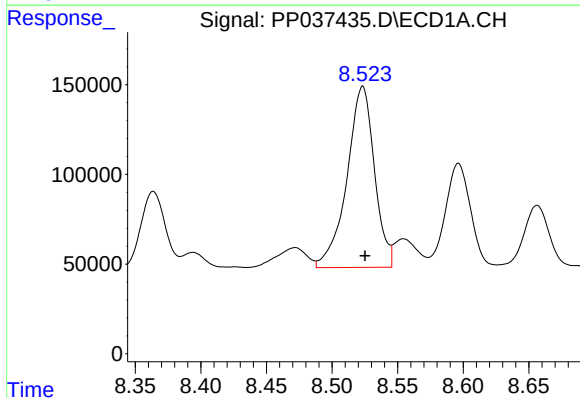
R.T.: 8.093 min
Delta R.T.: -0.003 min
Response: 168530
Conc: 74.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



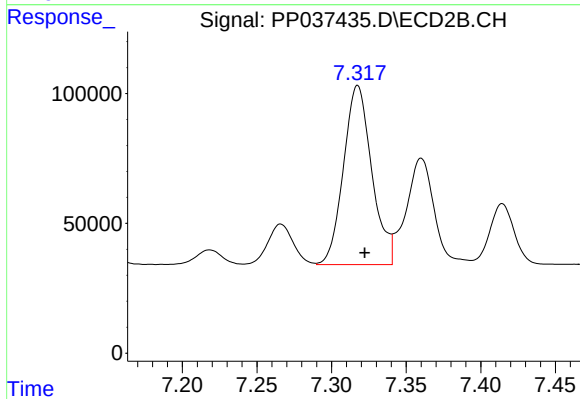
#29 AR-1254-4

R.T.: 6.888 min
Delta R.T.: -0.005 min
Response: 49464
Conc: 36.46 ng/ml



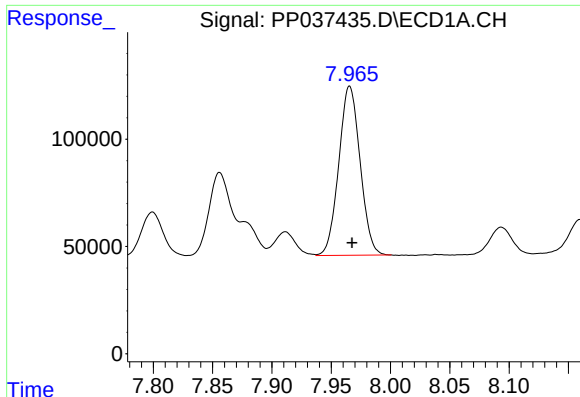
#30 AR-1254-5

R.T.: 8.523 min
Delta R.T.: -0.002 min
Response: 1473457
Conc: 588.82 ng/ml



#30 AR-1254-5

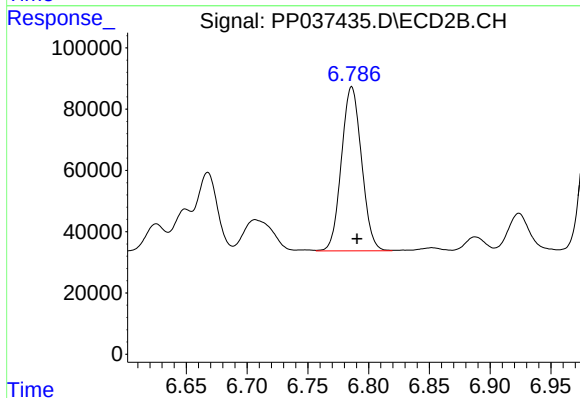
R.T.: 7.318 min
Delta R.T.: -0.005 min
Response: 911376
Conc: 486.16 ng/ml



#31 AR-1260-1

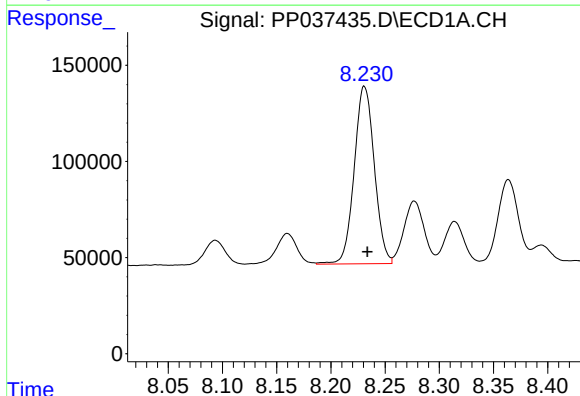
R.T.: 7.966 min
Delta R.T.: -0.002 min
Response: 986525
Conc: 448.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



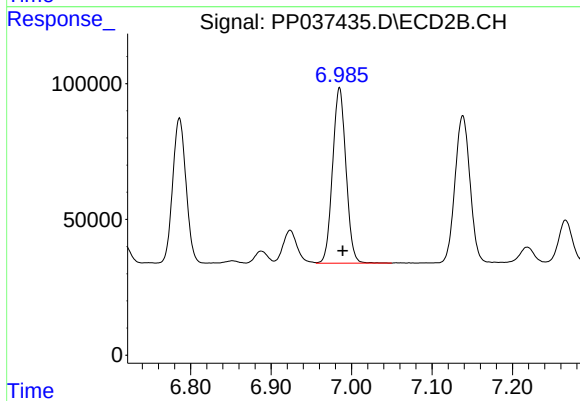
#31 AR-1260-1

R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 617917
Conc: 447.18 ng/ml



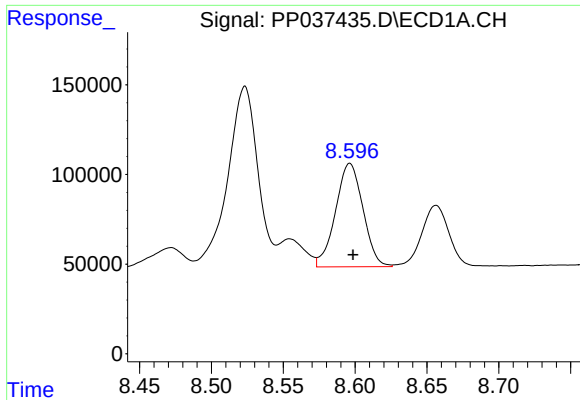
#32 AR-1260-2

R.T.: 8.231 min
Delta R.T.: -0.003 min
Response: 1190342
Conc: 427.91 ng/ml



#32 AR-1260-2

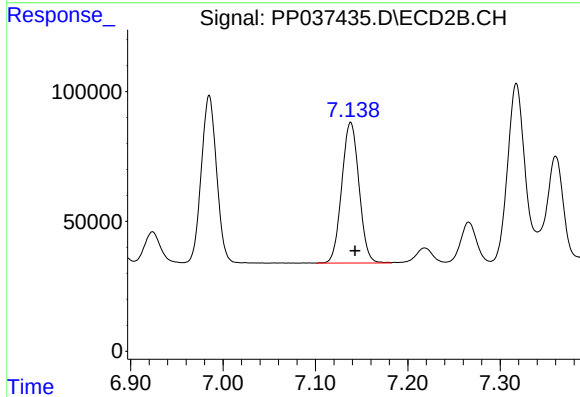
R.T.: 6.985 min
Delta R.T.: -0.004 min
Response: 747147
Conc: 444.75 ng/ml



#33 AR-1260-3

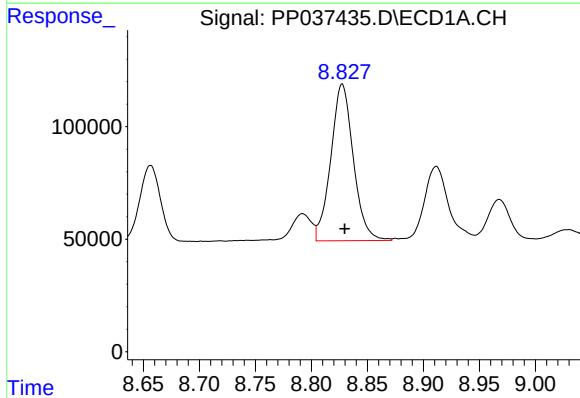
R.T.: 8.596 min
Delta R.T.: -0.002 min
Response: 766480
Conc: 379.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



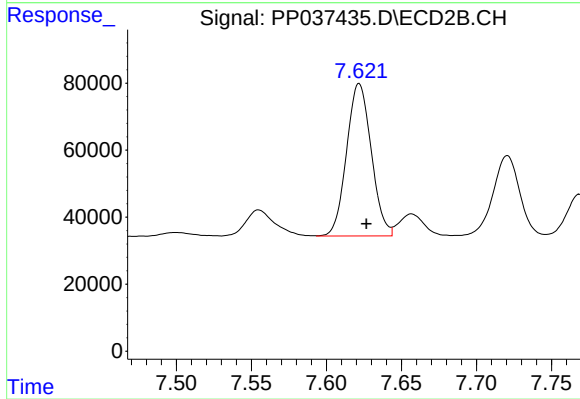
#33 AR-1260-3

R.T.: 7.138 min
Delta R.T.: -0.005 min
Response: 702202
Conc: 409.83 ng/ml



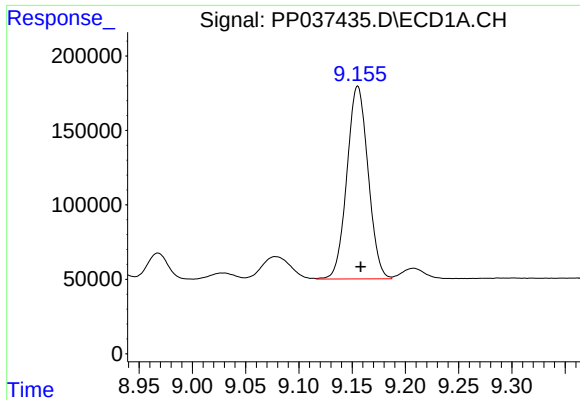
#34 AR-1260-4

R.T.: 8.828 min
Delta R.T.: -0.002 min
Response: 975638
Conc: 396.63 ng/ml



#34 AR-1260-4

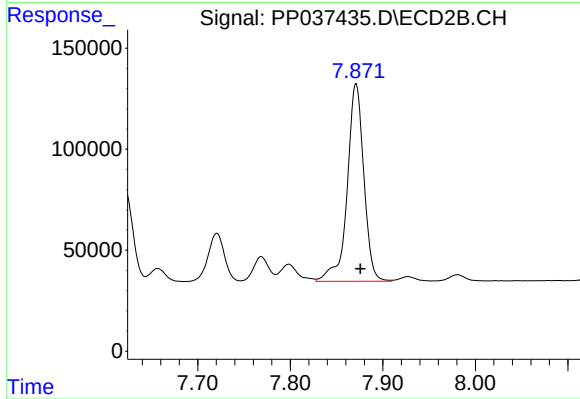
R.T.: 7.622 min
Delta R.T.: -0.005 min
Response: 521001
Conc: 383.22 ng/ml



#35 AR-1260-5

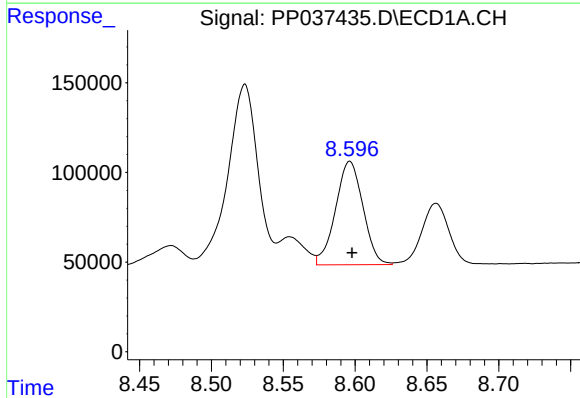
R.T.: 9.155 min
Delta R.T.: -0.003 min
Response: 1795081
Conc: 389.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



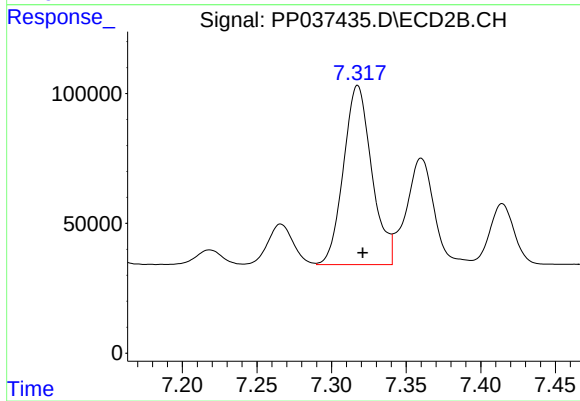
#35 AR-1260-5

R.T.: 7.871 min
Delta R.T.: -0.005 min
Response: 1219505
Conc: 378.09 ng/ml



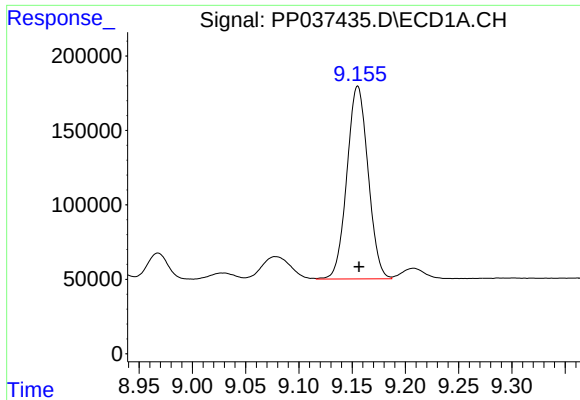
#36 AR-1262-1

R.T.: 8.596 min
Delta R.T.: -0.002 min
Response: 766480
Conc: 263.17 ng/ml



#36 AR-1262-1

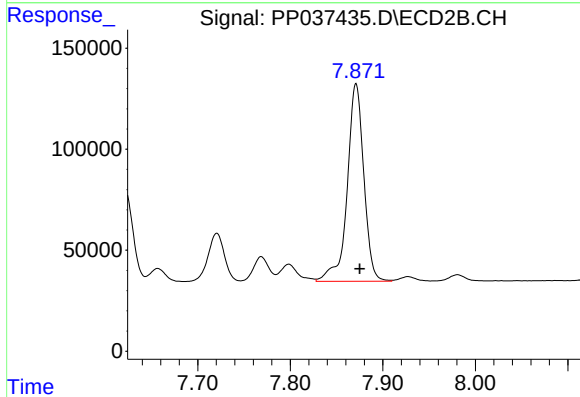
R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 911376
Conc: 877.68 ng/ml



#37 AR-1262-2

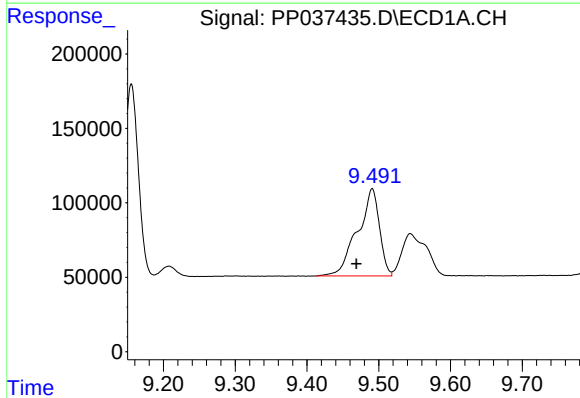
R.T.: 9.155 min
Delta R.T.: -0.001 min
Response: 1795081
Conc: 341.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



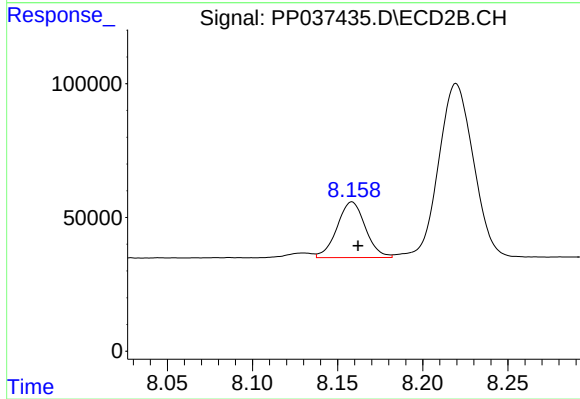
#37 AR-1262-2

R.T.: 7.871 min
Delta R.T.: -0.004 min
Response: 1219505
Conc: 350.57 ng/ml



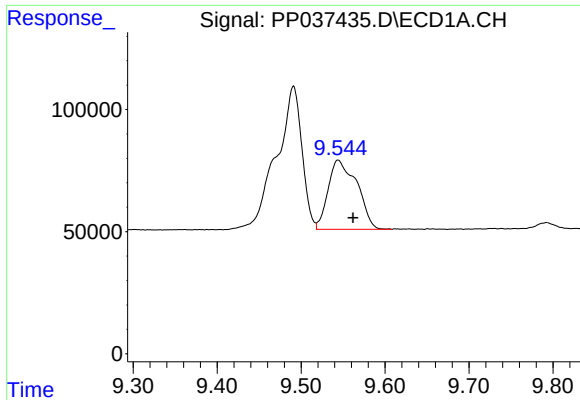
#38 AR-1262-3

R.T.: 9.491 min
Delta R.T.: 0.022 min
Response: 1243128
Conc: 324.44 ng/ml



#38 AR-1262-3

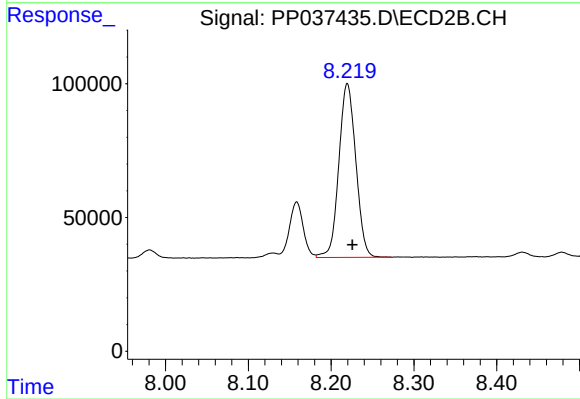
R.T.: 8.158 min
Delta R.T.: -0.004 min
Response: 241677
Conc: 171.65 ng/ml



#39 AR-1262-4

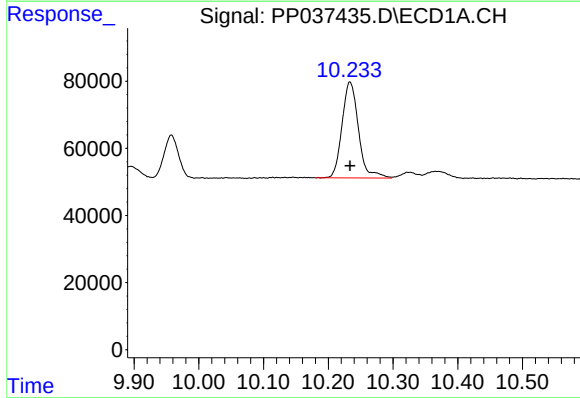
R.T.: 9.544 min
Delta R.T.: -0.018 min
Response: 677301
Conc: 230.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



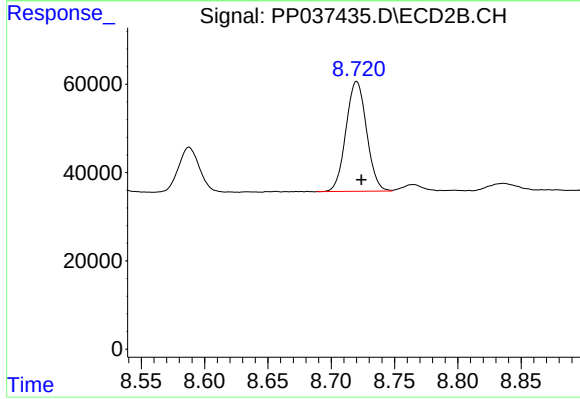
#39 AR-1262-4

R.T.: 8.220 min
Delta R.T.: -0.006 min
Response: 925896
Conc: 347.69 ng/ml



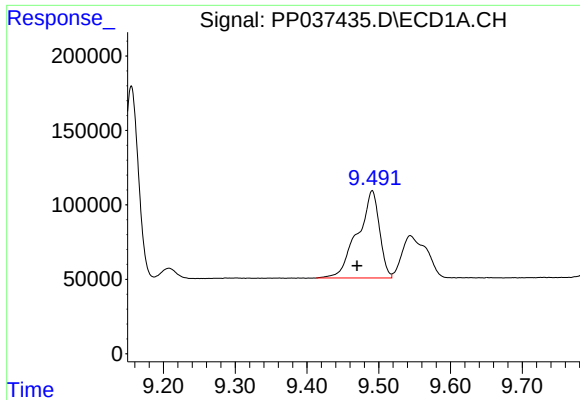
#40 AR-1262-5

R.T.: 10.233 min
Delta R.T.: 0.000 min
Response: 504584
Conc: 237.30 ng/ml



#40 AR-1262-5

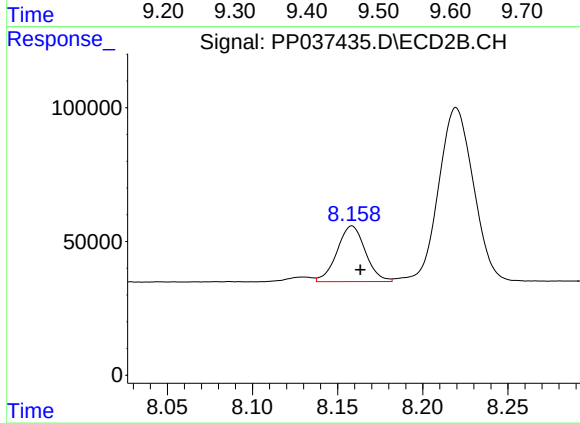
R.T.: 8.720 min
Delta R.T.: -0.004 min
Response: 282423
Conc: 223.44 ng/ml



#41 AR-1268-1

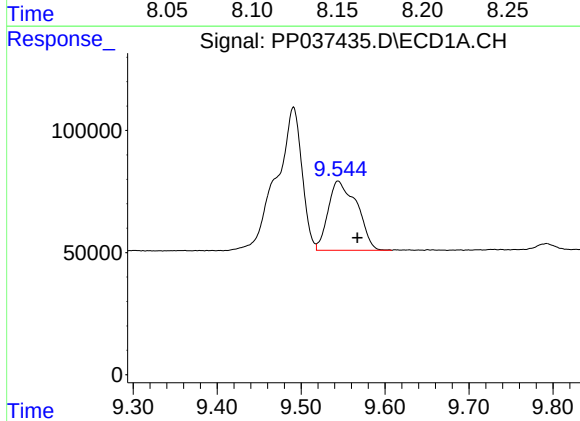
R.T.: 9.491 min
Delta R.T.: 0.021 min
Response: 1243128
Conc: 204.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



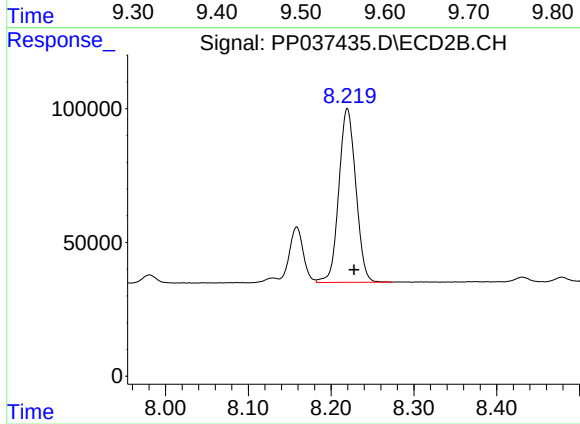
#41 AR-1268-1

R.T.: 8.158 min
Delta R.T.: -0.005 min
Response: 241677
Conc: 60.65 ng/ml



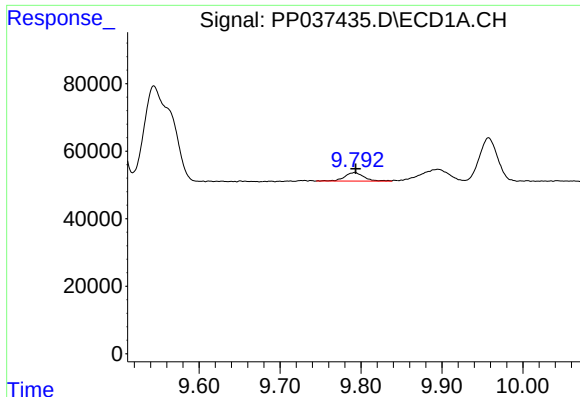
#42 AR-1268-2

R.T.: 9.544 min
Delta R.T.: -0.023 min
Response: 677301
Conc: 117.84 ng/ml



#42 AR-1268-2

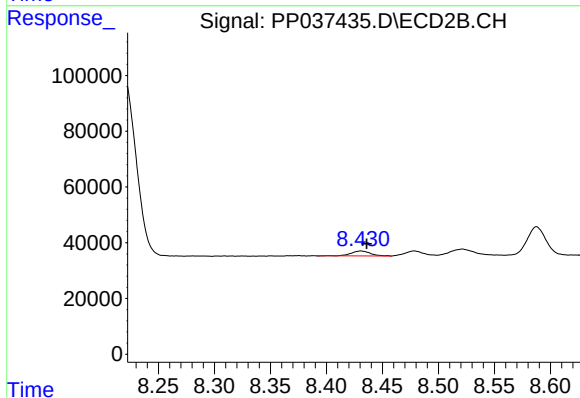
R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 925896
Conc: 250.16 ng/ml



#43 AR-1268-3

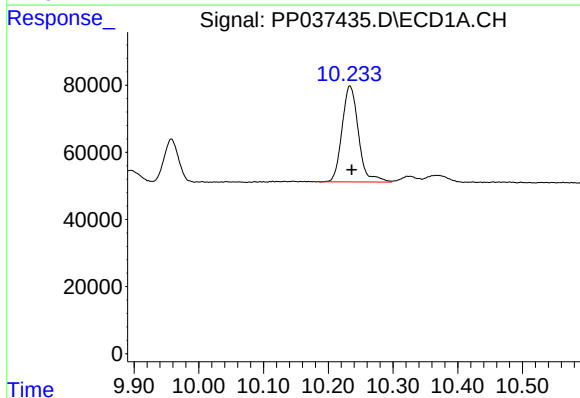
R.T.: 9.793 min
Delta R.T.: 0.000 min
Response: 41940
Conc: 8.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



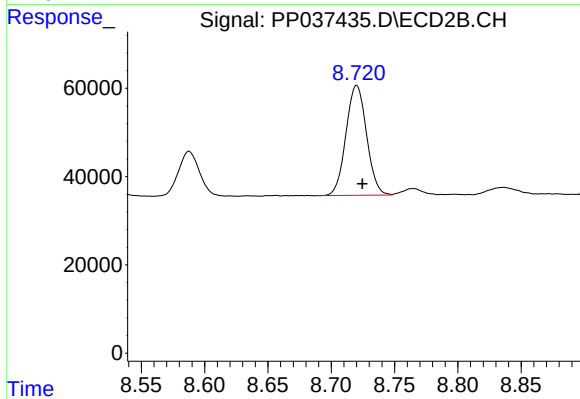
#43 AR-1268-3

R.T.: 8.431 min
Delta R.T.: -0.005 min
Response: 20382
Conc: 6.49 ng/ml



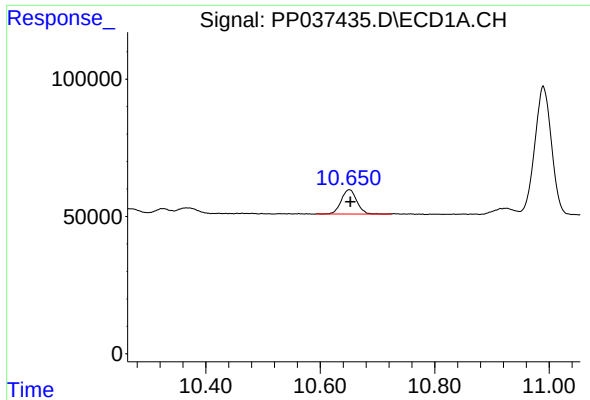
#44 AR-1268-4

R.T.: 10.233 min
Delta R.T.: -0.003 min
Response: 504584
Conc: 220.56 ng/ml



#44 AR-1268-4

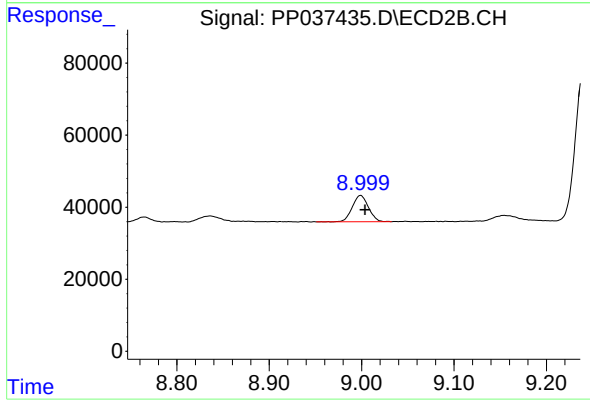
R.T.: 8.720 min
Delta R.T.: -0.004 min
Response: 282423
Conc: 206.08 ng/ml



#45 AR-1268-5

R.T.: 10.651 min
Delta R.T.: -0.002 min
Response: 166203
Conc: 10.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 89018
Conc: 8.65 ng/ml