

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012122\
 Data File : PP043199.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jan 2022 22:59
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 23:30:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011222.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 13 19:45:07 2022
 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...	4.871	4.039	1070810	1156961	45.256	46.323
2)	SA Decachlor...	10.789	9.365	793147	896051	54.256	45.936
Target Compounds							
3)	L1 AR-1016-1	6.173	5.302	330048	479422	444.581	468.294
4)	L1 AR-1016-2	6.195	5.322	500487	662969	435.230	464.215
5)	L1 AR-1016-3	6.262	5.516	308261	364686	433.077	455.960
6)	L1 AR-1016-4	6.367	5.566	249169	289195	410.925	465.312
7)	L1 AR-1016-5	6.682	5.798	239943	328444	419.141	440.491
8)	L2 AR-1221-1	5.110	4.297	33692	46037	126.561	137.871
9)	L2 AR-1221-2	5.212	4.398	53957	67452	266.994	277.232
10)	L2 AR-1221-3	5.296	4.487	201294	256603	306.591	327.328
11)	L3 AR-1232-1	5.296	4.487	201294	256603	352.926	394.105
12)	L3 AR-1232-2	5.881	5.322	273451	662969	1008.174	1057.168
13)	L3 AR-1232-3	6.195	5.516	500487	364686	1025.372	1102.817
14)	L3 AR-1232-4	6.367	5.611	249169	348313	1042.819	1180.029
15)	L3 AR-1232-5	6.467	5.798	193566	328444	1232.008	1064.954
16)	L4 AR-1242-1	6.173	5.302	330048	479422	557.073	598.242
17)	L4 AR-1242-2	6.195	5.322	500487	662969	560.974	585.509
18)	L4 AR-1242-3	6.262	5.516	308261	364686	555.573	571.961
19)	L4 AR-1242-4	6.367	5.611	249169	348313	547.647	567.048
20)	L4 AR-1242-5	7.146	6.177	32041	279919	71.431	389.011 #
21)	L5 AR-1248-1	6.173	5.302	330048	479422	805.259	853.466
22)	L5 AR-1248-2	6.467	5.566	193566	289195	343.819	356.308
23)	L5 AR-1248-3	6.682	5.611	239943	348313	353.899	405.257
24)	L5 AR-1248-4	7.105	5.798	35896	328444	49.765	342.226 #
25)	L5 AR-1248-5	7.146	6.220	32041	71227	43.914	74.607 #
26)	L6 AR-1254-1	7.077	6.177	152261	279919	194.044	180.511
27)	L6 AR-1254-2	7.306	6.336	163243	262279	129.703	193.200 #
28)	L6 AR-1254-3	7.684	6.776	94237	465028	72.635	217.411 #
29)	L6 AR-1254-4	7.977	6.999	63678	66740	72.856	53.495 #
30)	L6 AR-1254-5	8.404	7.430	515553	742582	550.266	435.489
31)	L7 AR-1260-1	7.853	6.896	393955	612584	413.140	473.925
32)	L7 AR-1260-2	8.117	7.093	438599	695570	424.673	445.320
33)	L7 AR-1260-3	8.482	7.249	340370	642284	451.124	444.401
34)	L7 AR-1260-4	8.711	7.734	402080	517587	472.041	456.851
35)	L7 AR-1260-5	9.027	7.981	739919	1139960	449.705	454.523
36)	L8 AR-1262-1	8.482	7.430	340370	742582	322.333	820.300 #
37)	L8 AR-1262-2	9.027	7.734	739919	517587	427.457	346.011
38)	L8 AR-1262-3	9.345	8.269	424022	260021	460.031	233.061 #
39)	L8 AR-1262-4	9.421	8.332	134736	836338	249.775	410.260 #
40)	L8 AR-1262-5	10.061	8.832	237371	273903	390.638	295.381
41)	L9 AR-1268-1	9.345	8.269	424022	260021	205.674	84.364 #

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

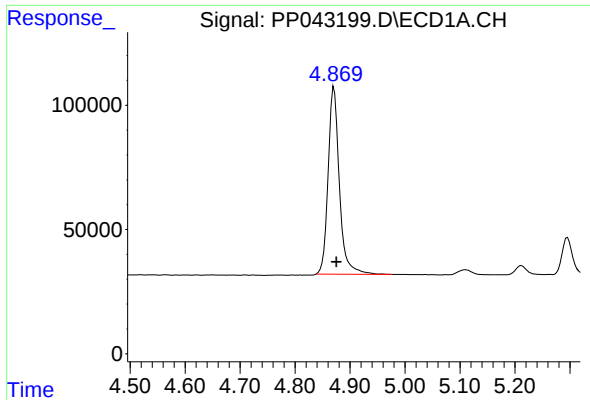
Instrument :
 ECD_O
 ClientSampleId :

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	9.421	8.332	134736	836338	70.544	294.051 #
43) L9	AR-1268-3	9.647	8.541	17628	14938	10.464	6.268 #
44) L9	AR-1268-4	10.061	8.832	237371	273903	375.647	268.598 #
45) L9	AR-1268-5	10.463	9.117	75904	70952	14.242	9.988 #

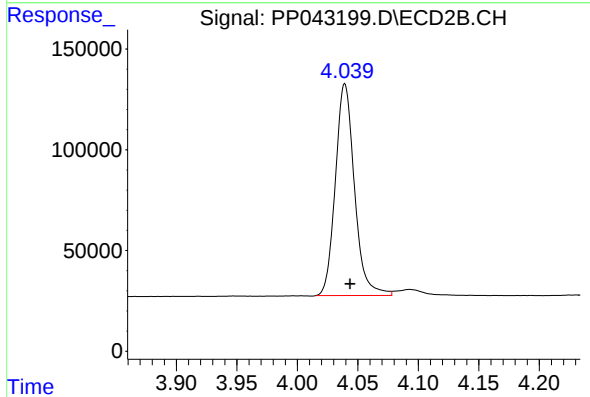
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

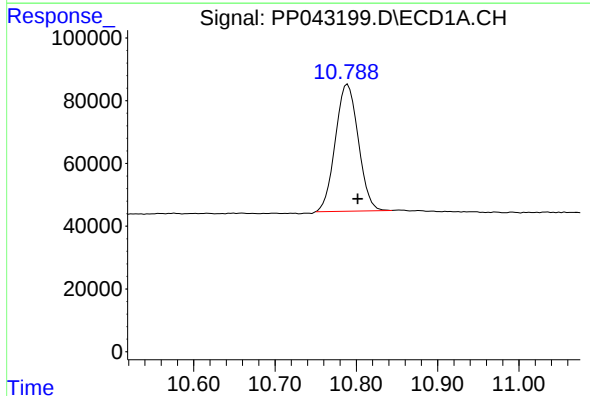
R.T.: 4.871 min
Delta R.T.: -0.004 min
Response: 1070810
Conc: 45.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



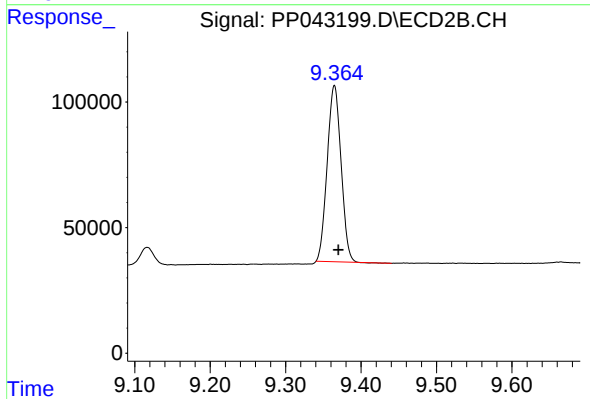
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: -0.004 min
Response: 1156961
Conc: 46.32 ng/ml



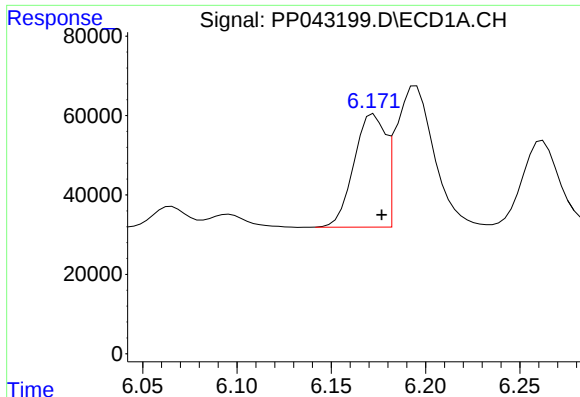
#2 Decachlorobiphenyl

R.T.: 10.789 min
Delta R.T.: -0.013 min
Response: 793147
Conc: 54.26 ng/ml



#2 Decachlorobiphenyl

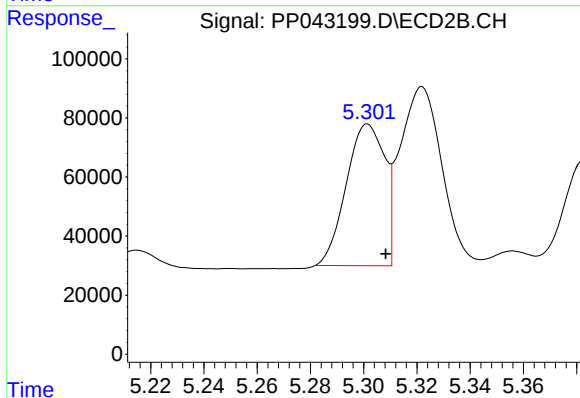
R.T.: 9.365 min
Delta R.T.: -0.005 min
Response: 896051
Conc: 45.94 ng/ml



#3 AR-1016-1

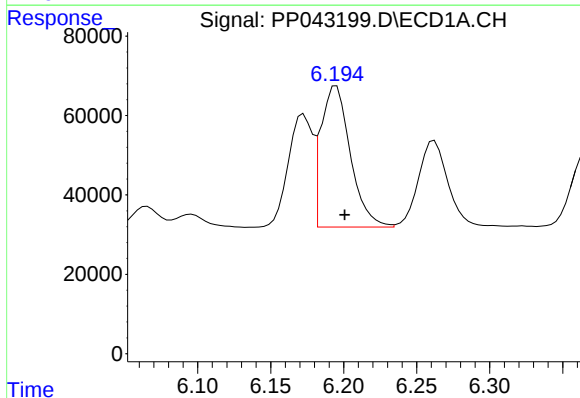
R.T.: 6.173 min
Delta R.T.: -0.004 min
Response: 330048
Conc: 444.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



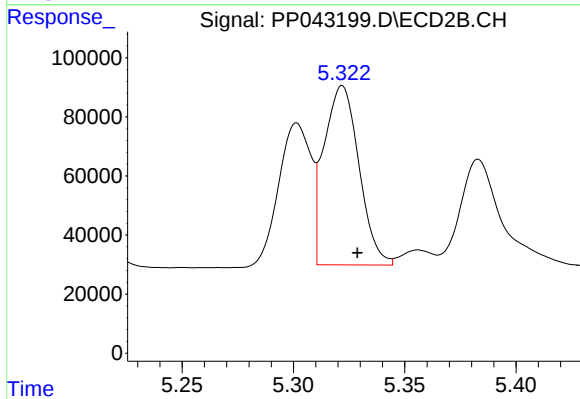
#3 AR-1016-1

R.T.: 5.302 min
Delta R.T.: -0.007 min
Response: 479422
Conc: 468.29 ng/ml



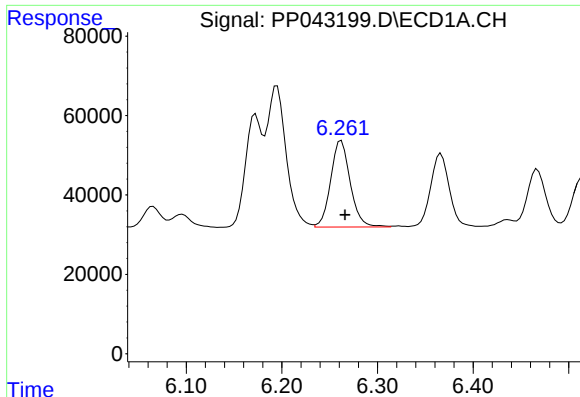
#4 AR-1016-2

R.T.: 6.195 min
Delta R.T.: -0.006 min
Response: 500487
Conc: 435.23 ng/ml



#4 AR-1016-2

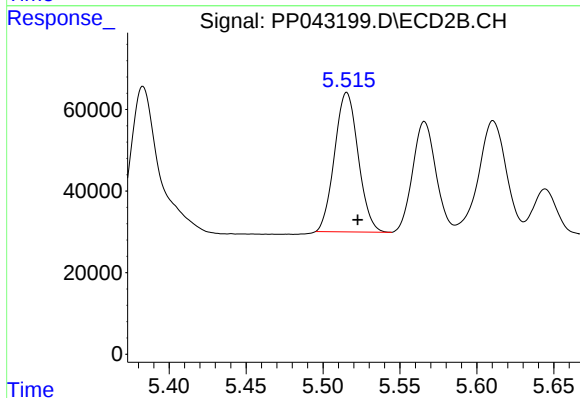
R.T.: 5.322 min
Delta R.T.: -0.007 min
Response: 662969
Conc: 464.22 ng/ml



#5 AR-1016-3

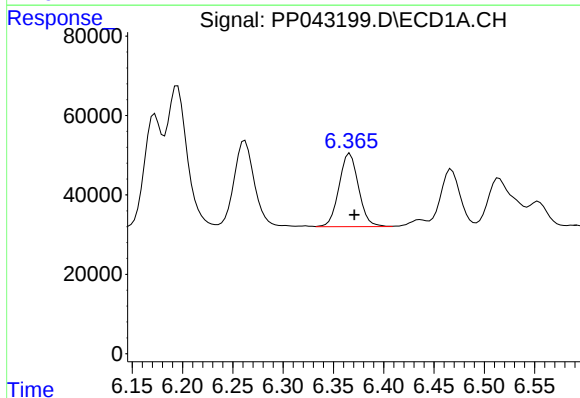
R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 308261
Conc: 433.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



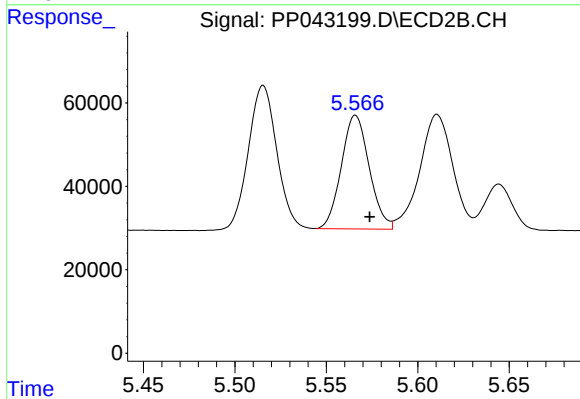
#5 AR-1016-3

R.T.: 5.516 min
Delta R.T.: -0.007 min
Response: 364686
Conc: 455.96 ng/ml



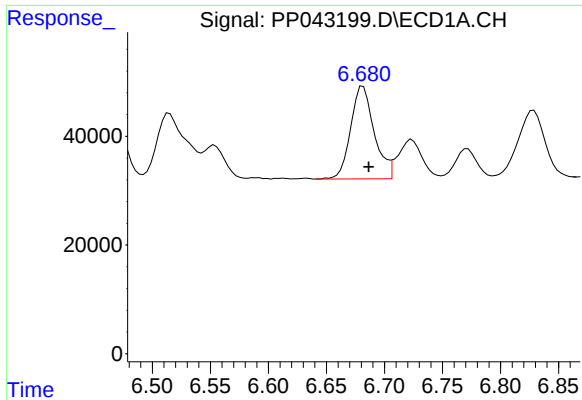
#6 AR-1016-4

R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 249169
Conc: 410.92 ng/ml



#6 AR-1016-4

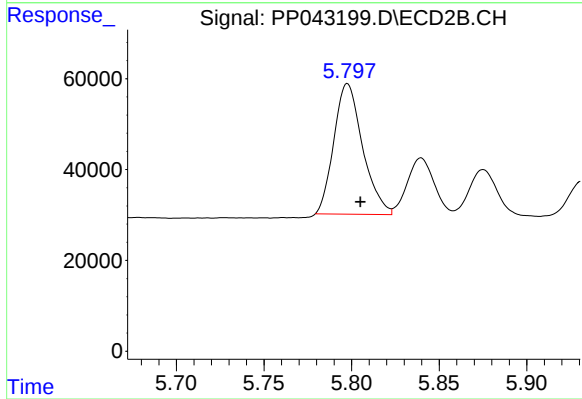
R.T.: 5.566 min
Delta R.T.: -0.008 min
Response: 289195
Conc: 465.31 ng/ml



#7 AR-1016-5

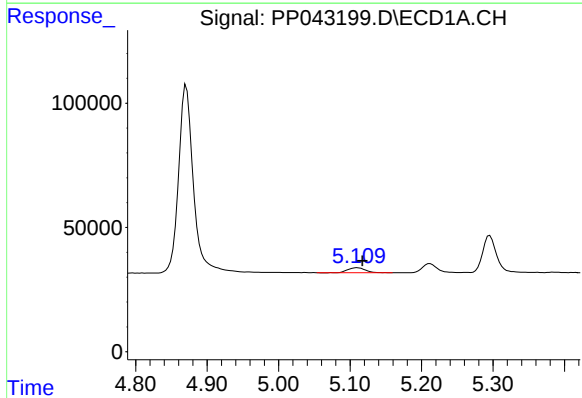
R.T.: 6.682 min
Delta R.T.: -0.005 min
Response: 239943
Conc: 419.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



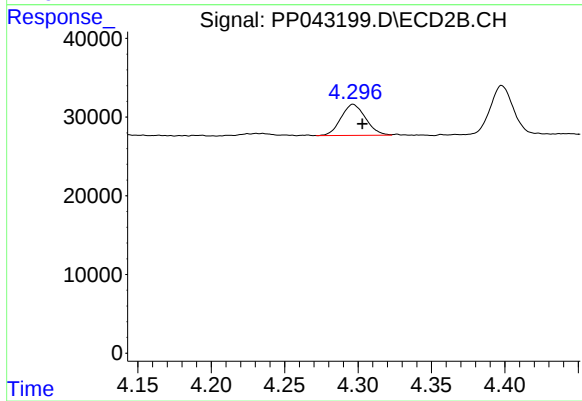
#7 AR-1016-5

R.T.: 5.798 min
Delta R.T.: -0.007 min
Response: 328444
Conc: 440.49 ng/ml



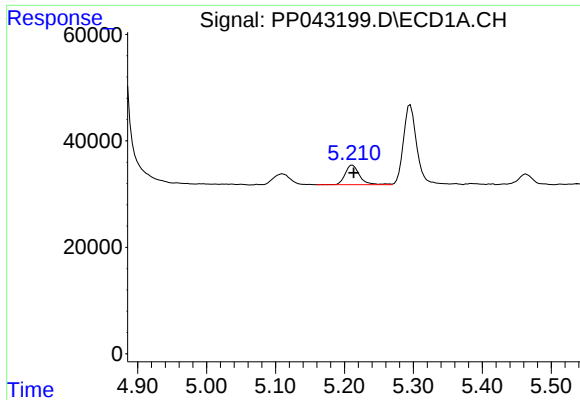
#8 AR-1221-1

R.T.: 5.110 min
Delta R.T.: -0.007 min
Response: 33692
Conc: 126.56 ng/ml



#8 AR-1221-1

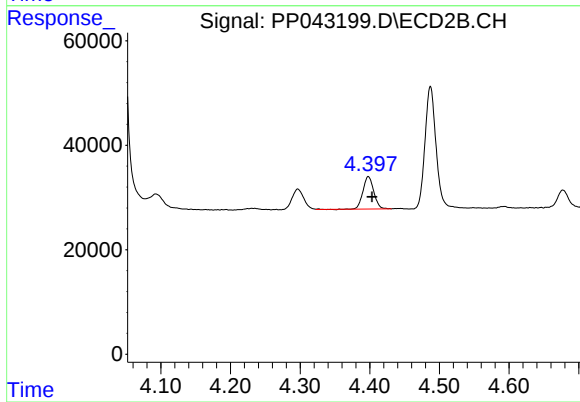
R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 46037
Conc: 137.87 ng/ml



#9 AR-1221-2

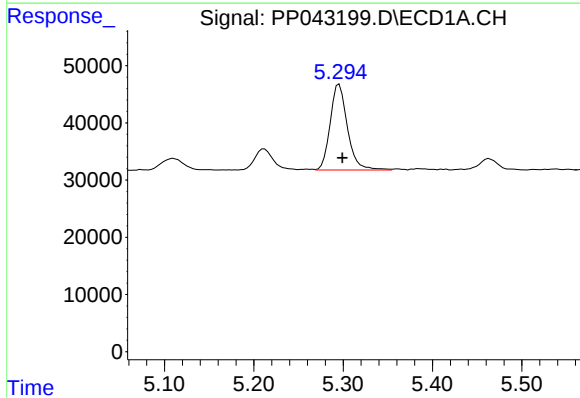
R.T.: 5.212 min
Delta R.T.: -0.002 min
Response: 53957
Conc: 266.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



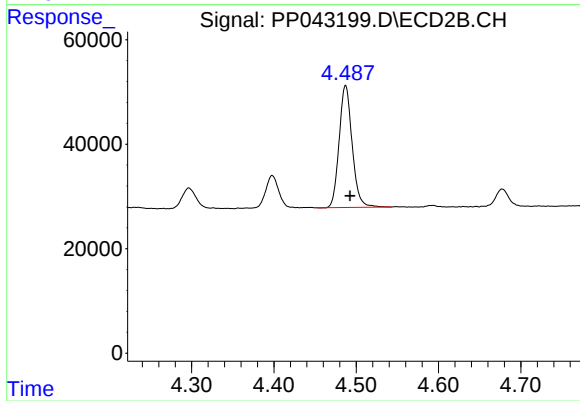
#9 AR-1221-2

R.T.: 4.398 min
Delta R.T.: -0.005 min
Response: 67452
Conc: 277.23 ng/ml



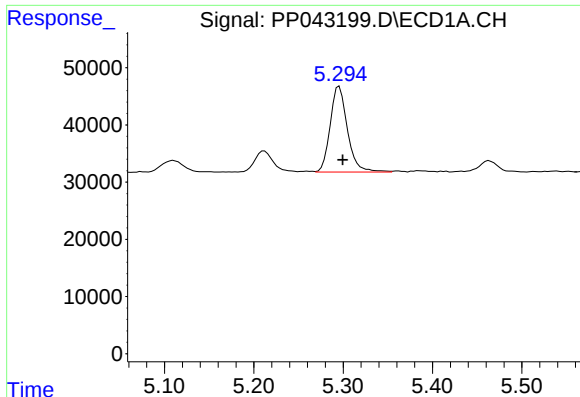
#10 AR-1221-3

R.T.: 5.296 min
Delta R.T.: -0.004 min
Response: 201294
Conc: 306.59 ng/ml



#10 AR-1221-3

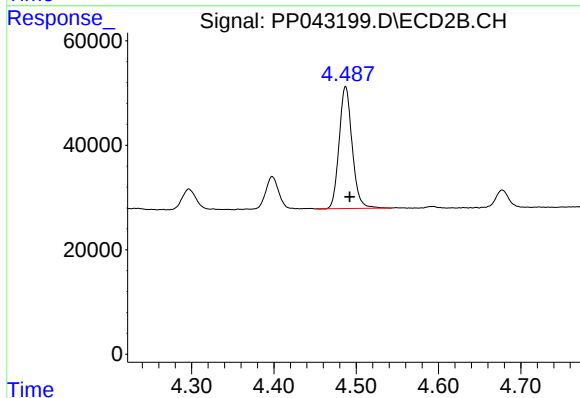
R.T.: 4.487 min
Delta R.T.: -0.005 min
Response: 256603
Conc: 327.33 ng/ml



#11 AR-1232-1

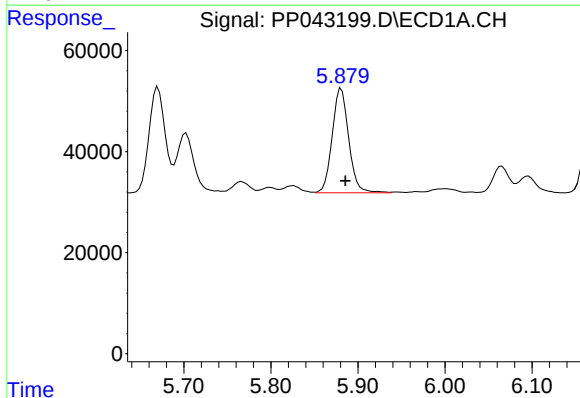
R.T.: 5.296 min
Delta R.T.: -0.004 min
Response: 201294
Conc: 352.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



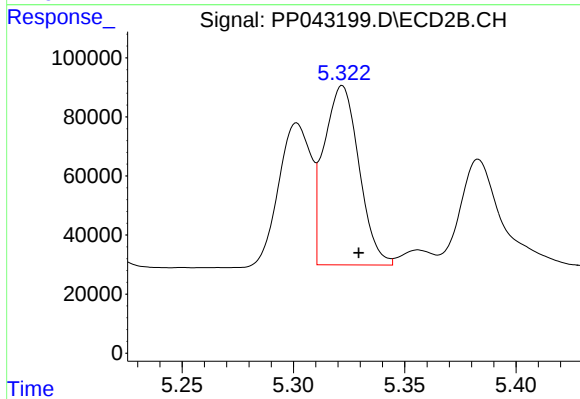
#11 AR-1232-1

R.T.: 4.487 min
Delta R.T.: -0.005 min
Response: 256603
Conc: 394.11 ng/ml



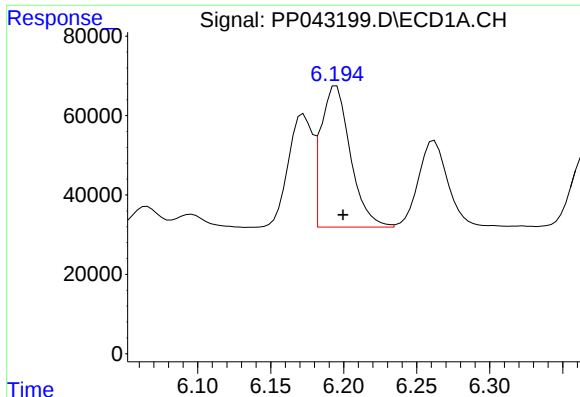
#12 AR-1232-2

R.T.: 5.881 min
Delta R.T.: -0.005 min
Response: 273451
Conc: 1008.17 ng/ml



#12 AR-1232-2

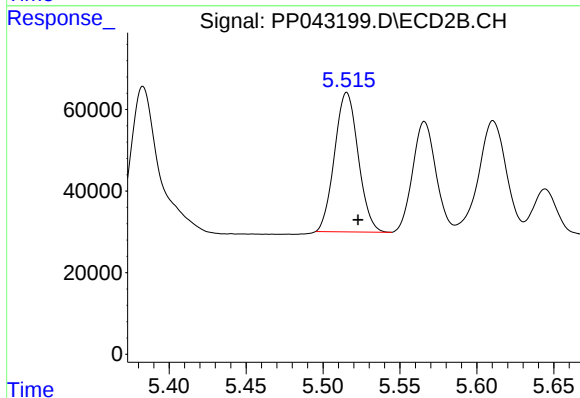
R.T.: 5.322 min
Delta R.T.: -0.007 min
Response: 662969
Conc: 1057.17 ng/ml



#13 AR-1232-3

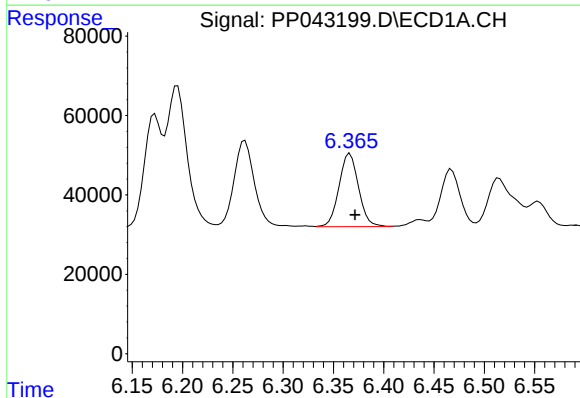
R.T.: 6.195 min
Delta R.T.: -0.005 min
Response: 500487
Conc: 1025.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



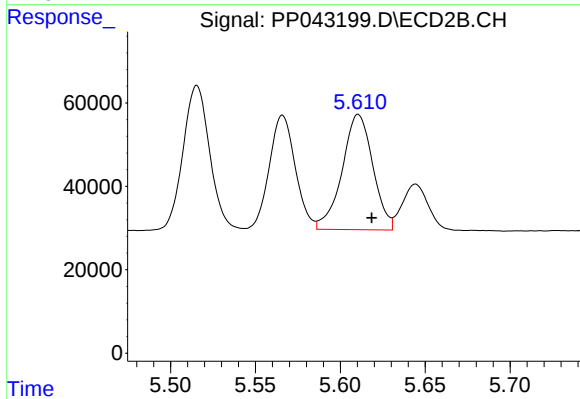
#13 AR-1232-3

R.T.: 5.516 min
Delta R.T.: -0.007 min
Response: 364686
Conc: 1102.82 ng/ml



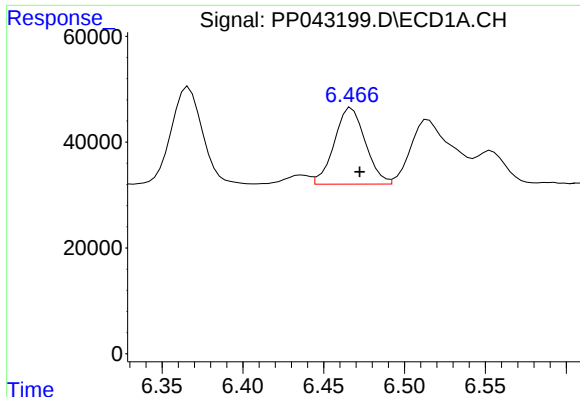
#14 AR-1232-4

R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 249169
Conc: 1042.82 ng/ml



#14 AR-1232-4

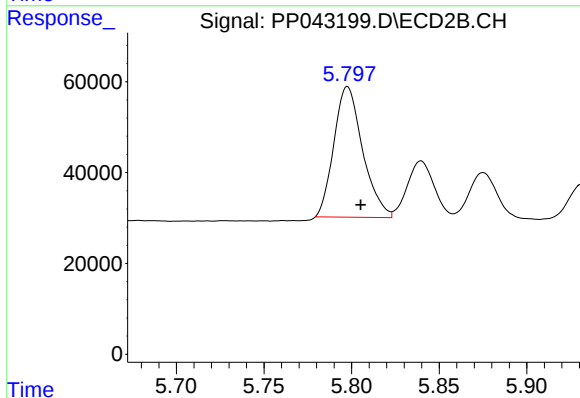
R.T.: 5.611 min
Delta R.T.: -0.008 min
Response: 348313
Conc: 1180.03 ng/ml



#15 AR-1232-5

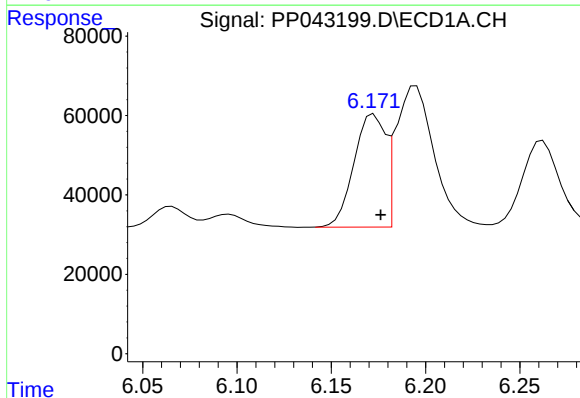
R.T.: 6.467 min
Delta R.T.: -0.005 min
Response: 193566
Conc: 1232.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



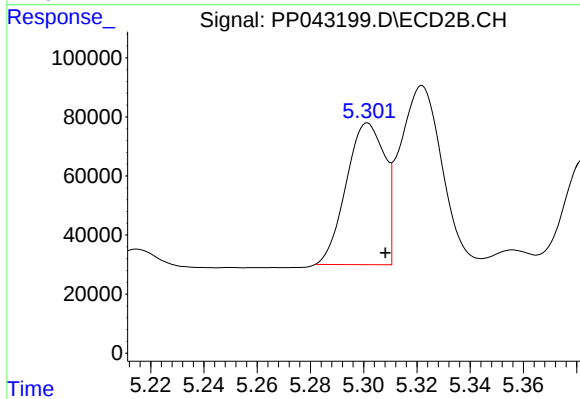
#15 AR-1232-5

R.T.: 5.798 min
Delta R.T.: -0.008 min
Response: 328444
Conc: 1064.95 ng/ml



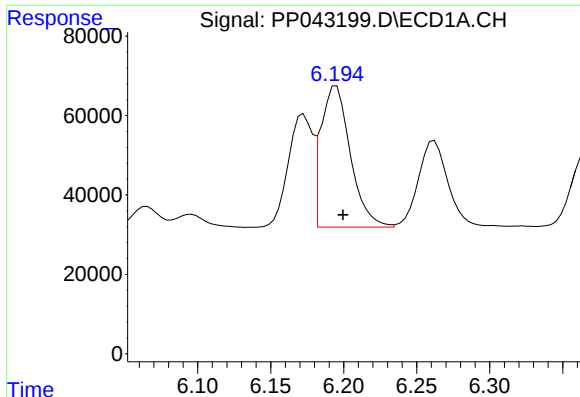
#16 AR-1242-1

R.T.: 6.173 min
Delta R.T.: -0.004 min
Response: 330048
Conc: 557.07 ng/ml



#16 AR-1242-1

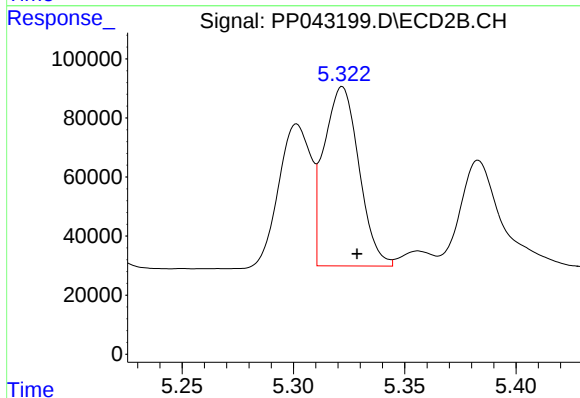
R.T.: 5.302 min
Delta R.T.: -0.007 min
Response: 479422
Conc: 598.24 ng/ml



#17 AR-1242-2

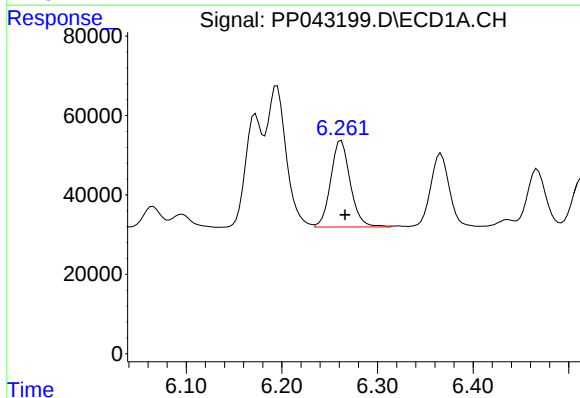
R.T.: 6.195 min
Delta R.T.: -0.004 min
Response: 500487
Conc: 560.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



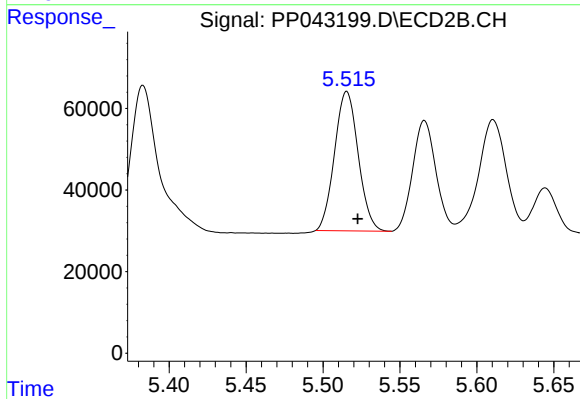
#17 AR-1242-2

R.T.: 5.322 min
Delta R.T.: -0.007 min
Response: 662969
Conc: 585.51 ng/ml



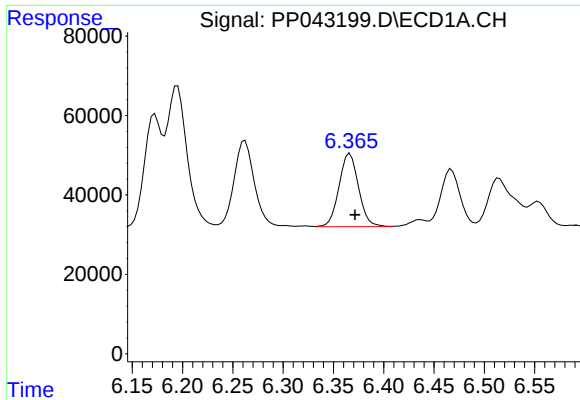
#18 AR-1242-3

R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 308261
Conc: 555.57 ng/ml



#18 AR-1242-3

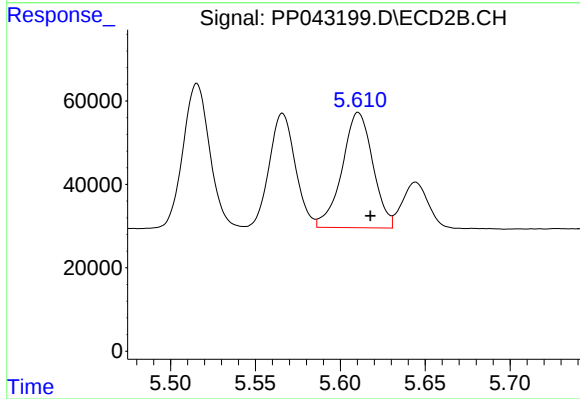
R.T.: 5.516 min
Delta R.T.: -0.007 min
Response: 364686
Conc: 571.96 ng/ml



#19 AR-1242-4

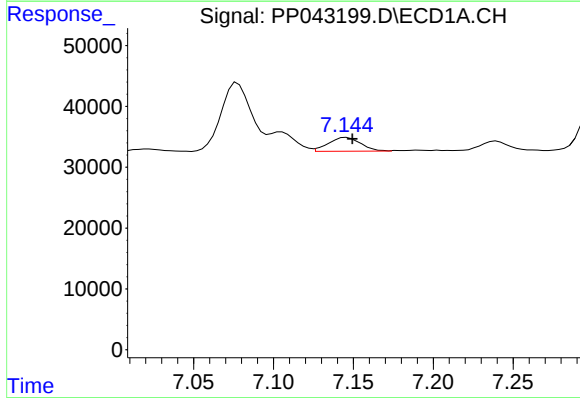
R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 249169
Conc: 547.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



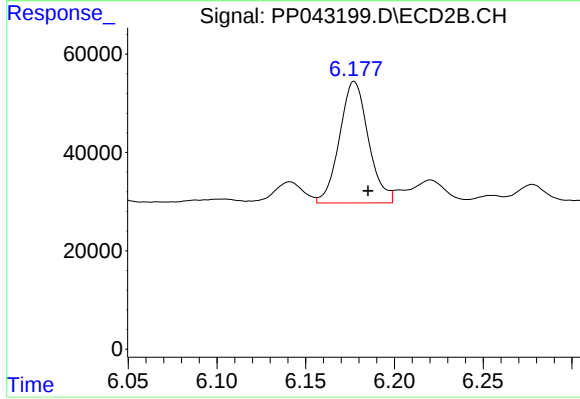
#19 AR-1242-4

R.T.: 5.611 min
Delta R.T.: -0.007 min
Response: 348313
Conc: 567.05 ng/ml



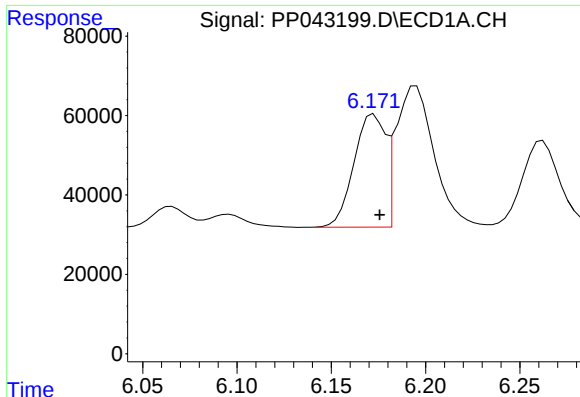
#20 AR-1242-5

R.T.: 7.146 min
Delta R.T.: -0.004 min
Response: 32041
Conc: 71.43 ng/ml



#20 AR-1242-5

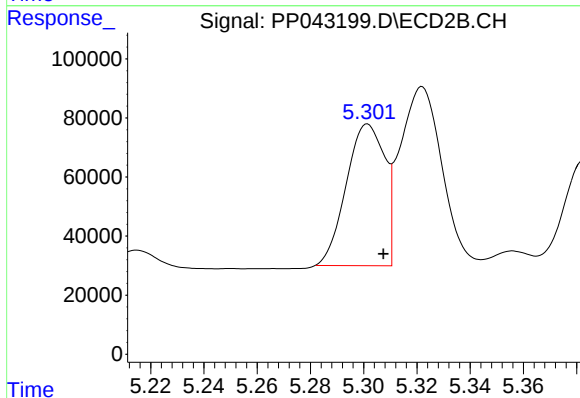
R.T.: 6.177 min
Delta R.T.: -0.008 min
Response: 279919
Conc: 389.01 ng/ml



#21 AR-1248-1

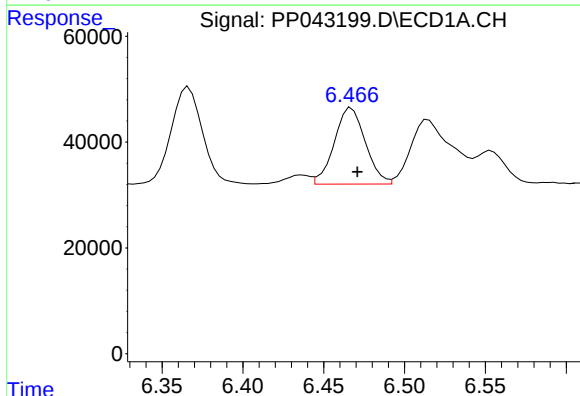
R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 330048
Conc: 805.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



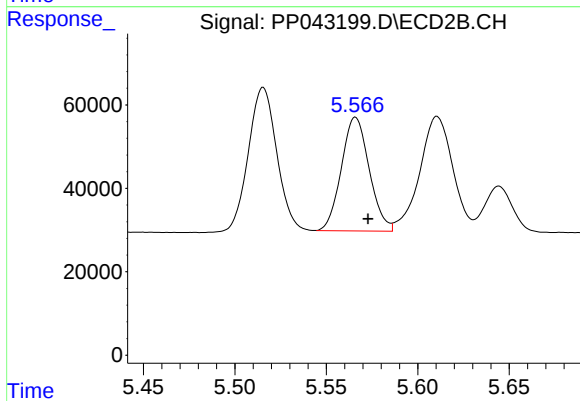
#21 AR-1248-1

R.T.: 5.302 min
Delta R.T.: -0.006 min
Response: 479422
Conc: 853.47 ng/ml



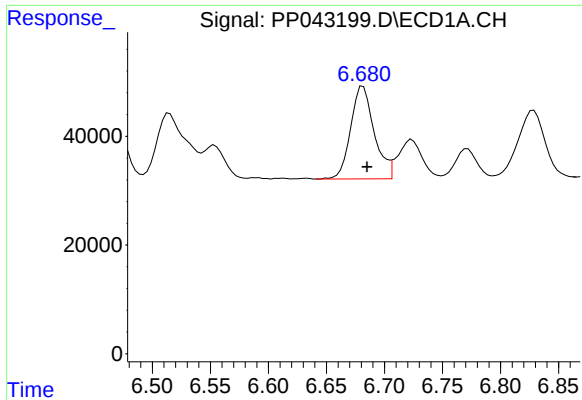
#22 AR-1248-2

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 193566
Conc: 343.82 ng/ml



#22 AR-1248-2

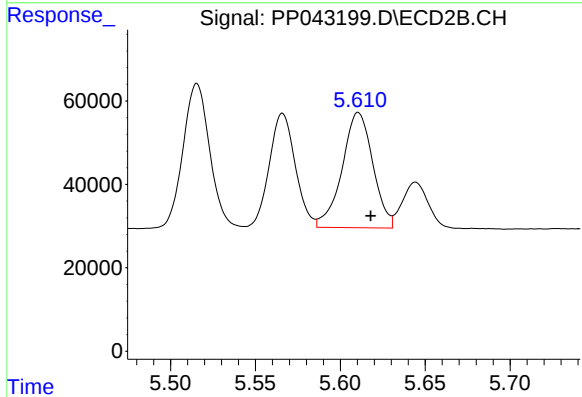
R.T.: 5.566 min
Delta R.T.: -0.007 min
Response: 289195
Conc: 356.31 ng/ml



#23 AR-1248-3

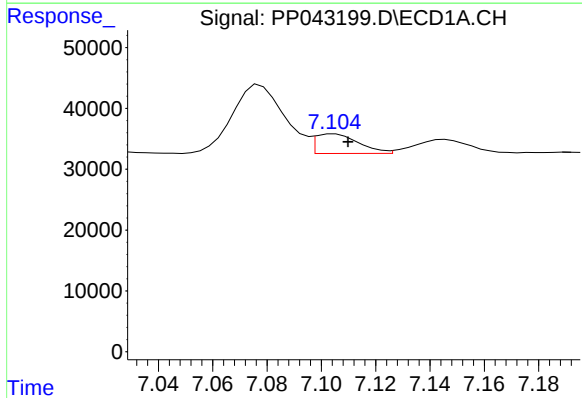
R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 239943
Conc: 353.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



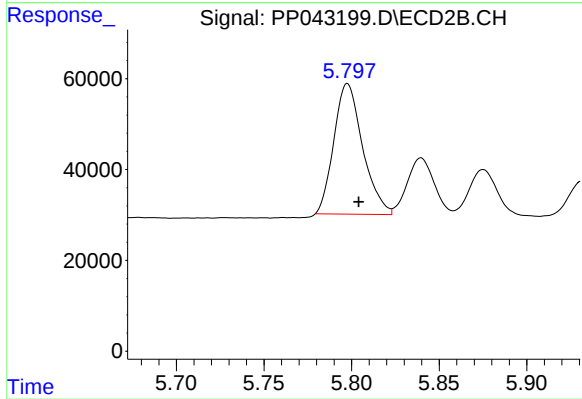
#23 AR-1248-3

R.T.: 5.611 min
Delta R.T.: -0.007 min
Response: 348313
Conc: 405.26 ng/ml



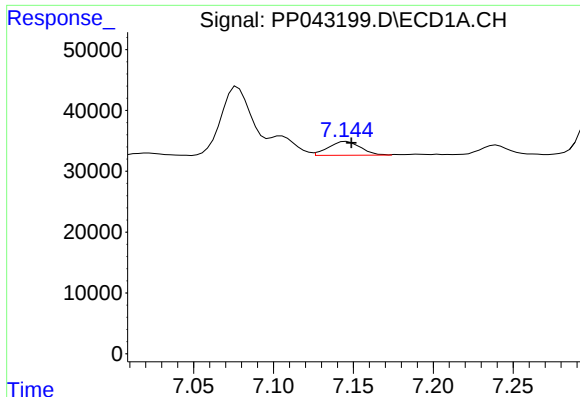
#24 AR-1248-4

R.T.: 7.105 min
Delta R.T.: -0.005 min
Response: 35896
Conc: 49.77 ng/ml



#24 AR-1248-4

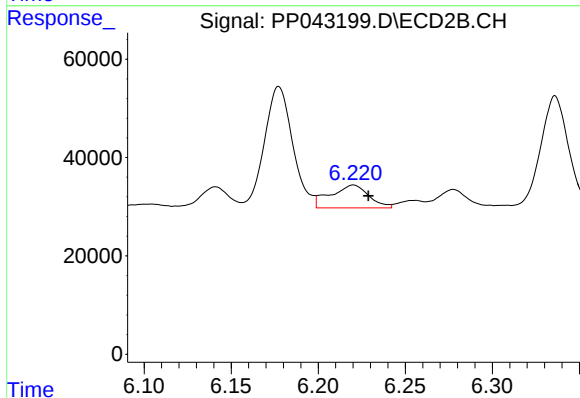
R.T.: 5.798 min
Delta R.T.: -0.006 min
Response: 328444
Conc: 342.23 ng/ml



#25 AR-1248-5

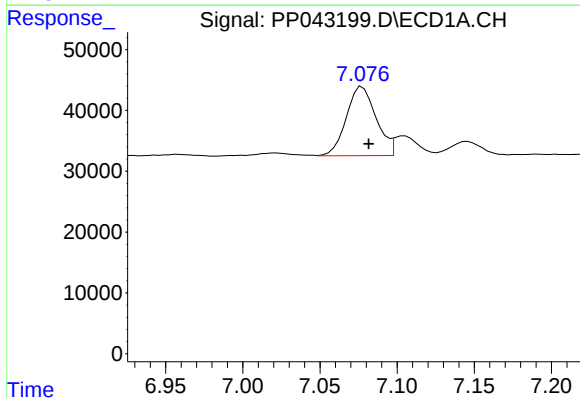
R.T.: 7.146 min
Delta R.T.: -0.003 min
Response: 32041
Conc: 43.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



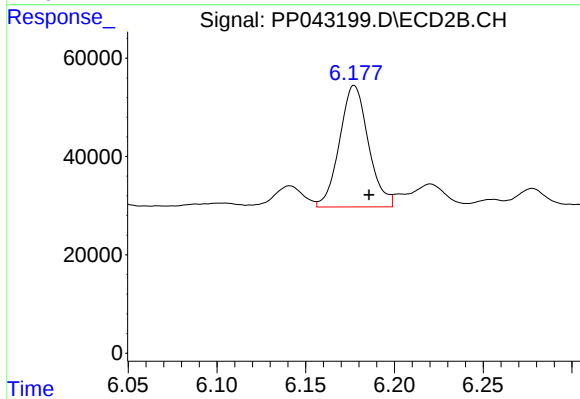
#25 AR-1248-5

R.T.: 6.220 min
Delta R.T.: -0.009 min
Response: 71227
Conc: 74.61 ng/ml



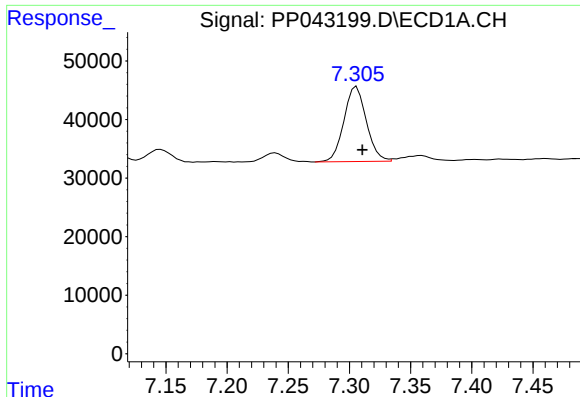
#26 AR-1254-1

R.T.: 7.077 min
Delta R.T.: -0.004 min
Response: 152261
Conc: 194.04 ng/ml



#26 AR-1254-1

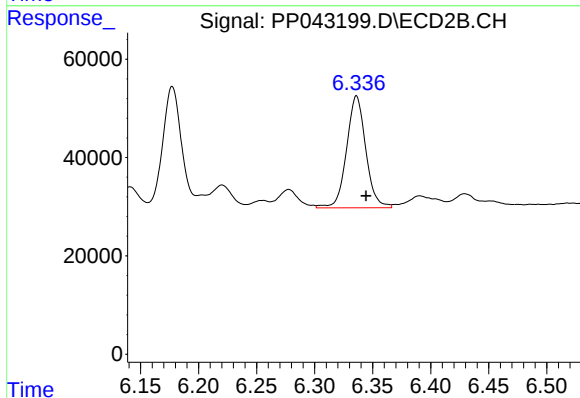
R.T.: 6.177 min
Delta R.T.: -0.008 min
Response: 279919
Conc: 180.51 ng/ml



#27 AR-1254-2

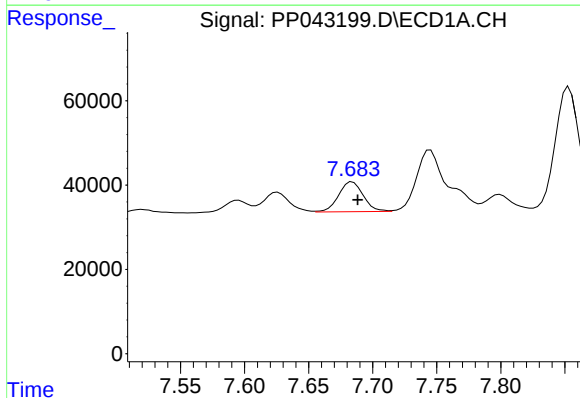
R.T.: 7.306 min
Delta R.T.: -0.005 min
Response: 163243
Conc: 129.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



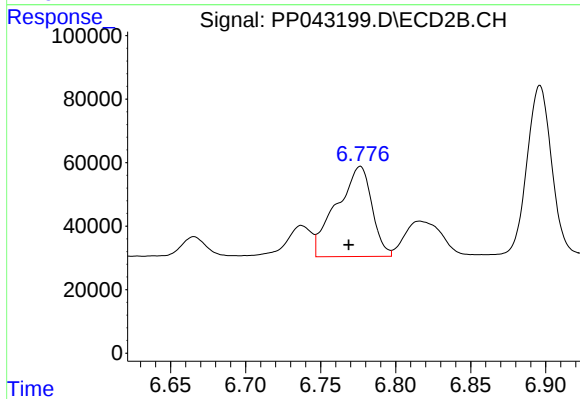
#27 AR-1254-2

R.T.: 6.336 min
Delta R.T.: -0.008 min
Response: 262279
Conc: 193.20 ng/ml



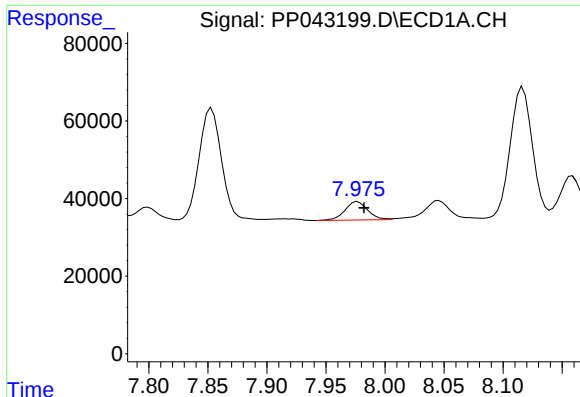
#28 AR-1254-3

R.T.: 7.684 min
Delta R.T.: -0.004 min
Response: 94237
Conc: 72.63 ng/ml



#28 AR-1254-3

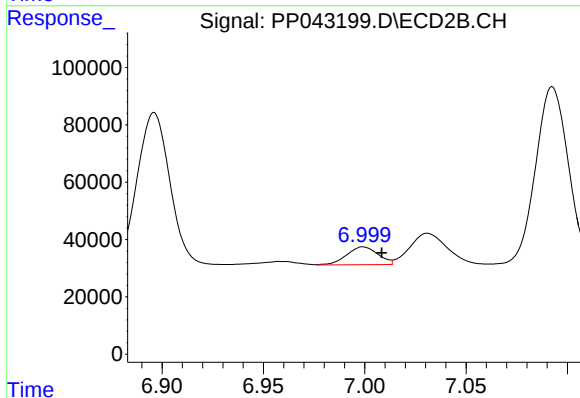
R.T.: 6.776 min
Delta R.T.: 0.008 min
Response: 465028
Conc: 217.41 ng/ml



#29 AR-1254-4

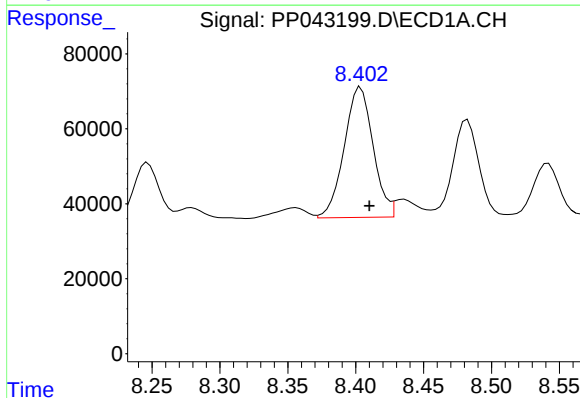
R.T.: 7.977 min
Delta R.T.: -0.005 min
Response: 63678
Conc: 72.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



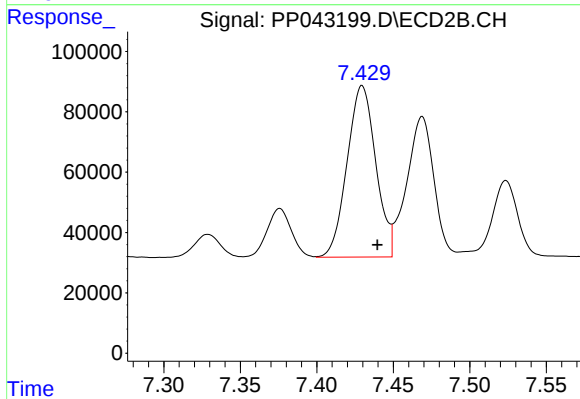
#29 AR-1254-4

R.T.: 6.999 min
Delta R.T.: -0.009 min
Response: 66740
Conc: 53.49 ng/ml



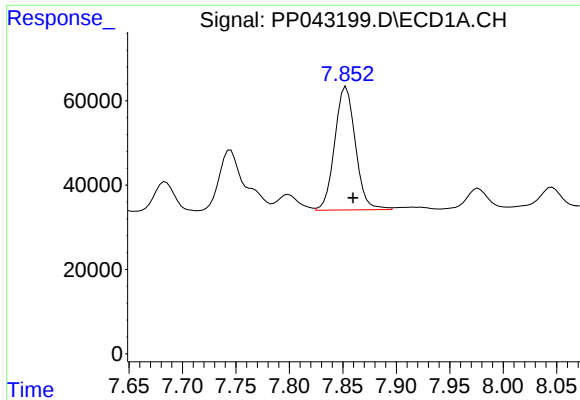
#30 AR-1254-5

R.T.: 8.404 min
Delta R.T.: -0.006 min
Response: 515553
Conc: 550.27 ng/ml



#30 AR-1254-5

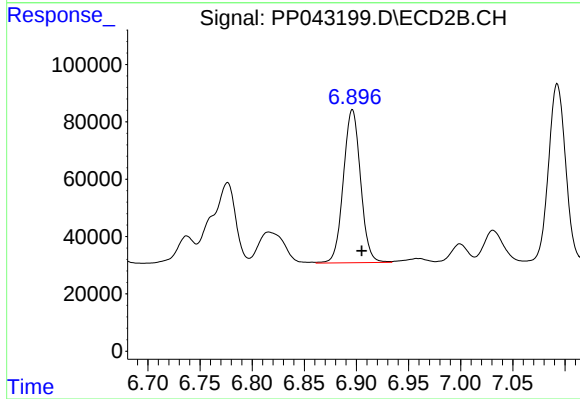
R.T.: 7.430 min
Delta R.T.: -0.010 min
Response: 742582
Conc: 435.49 ng/ml



#31 AR-1260-1

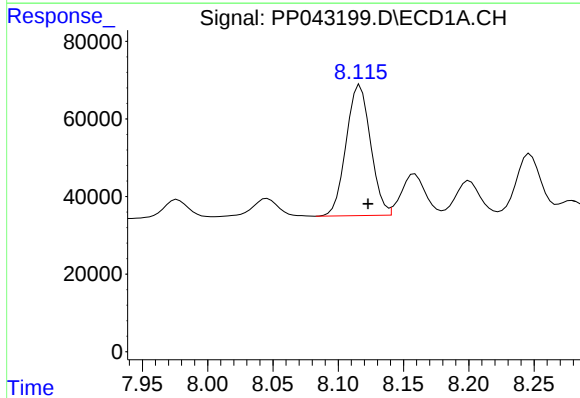
R.T.: 7.853 min
Delta R.T.: -0.006 min
Response: 393955
Conc: 413.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



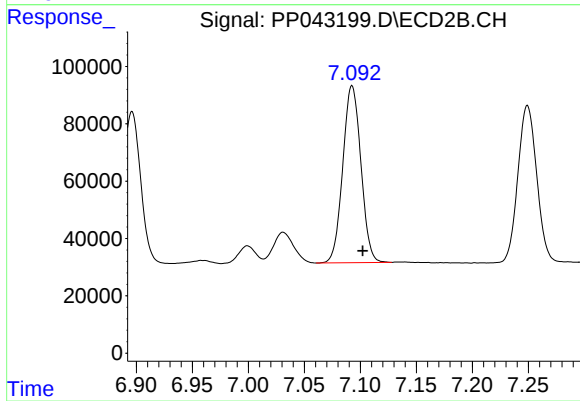
#31 AR-1260-1

R.T.: 6.896 min
Delta R.T.: -0.009 min
Response: 612584
Conc: 473.92 ng/ml



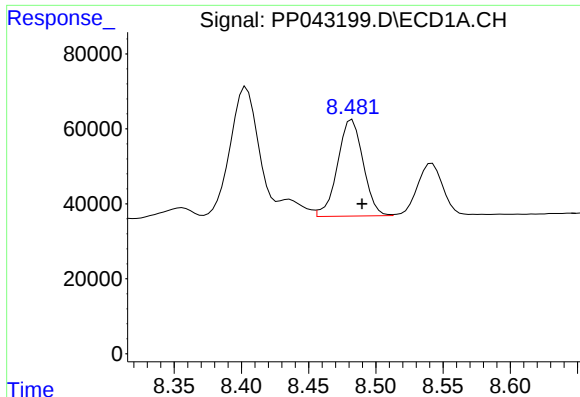
#32 AR-1260-2

R.T.: 8.117 min
Delta R.T.: -0.006 min
Response: 438599
Conc: 424.67 ng/ml



#32 AR-1260-2

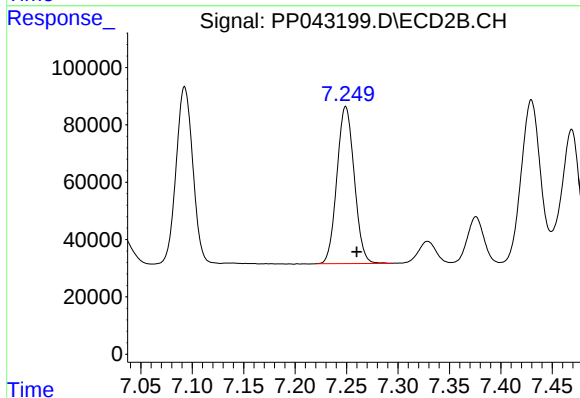
R.T.: 7.093 min
Delta R.T.: -0.010 min
Response: 695570
Conc: 445.32 ng/ml



#33 AR-1260-3

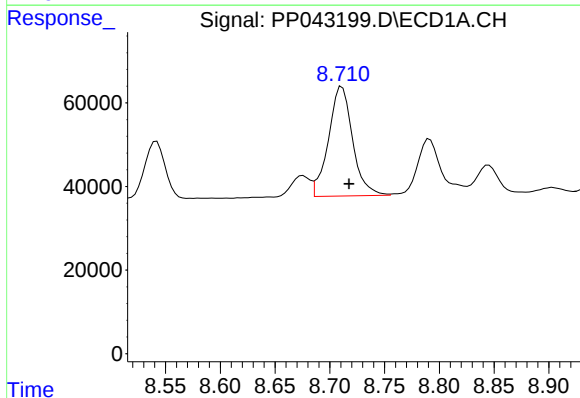
R.T.: 8.482 min
Delta R.T.: -0.007 min
Response: 340370
Conc: 451.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



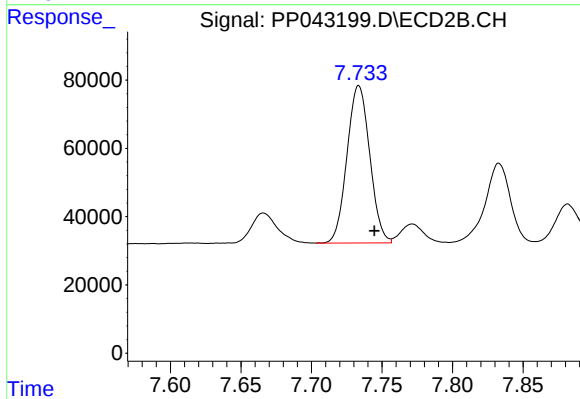
#33 AR-1260-3

R.T.: 7.249 min
Delta R.T.: -0.011 min
Response: 642284
Conc: 444.40 ng/ml



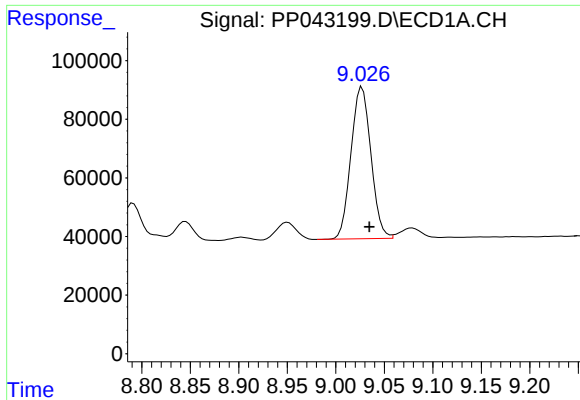
#34 AR-1260-4

R.T.: 8.711 min
Delta R.T.: -0.007 min
Response: 402080
Conc: 472.04 ng/ml



#34 AR-1260-4

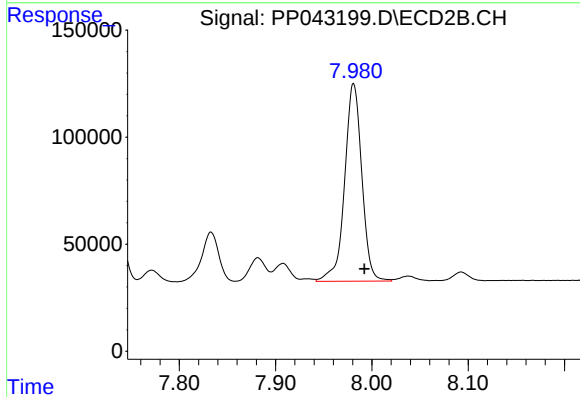
R.T.: 7.734 min
Delta R.T.: -0.011 min
Response: 517587
Conc: 456.85 ng/ml



#35 AR-1260-5

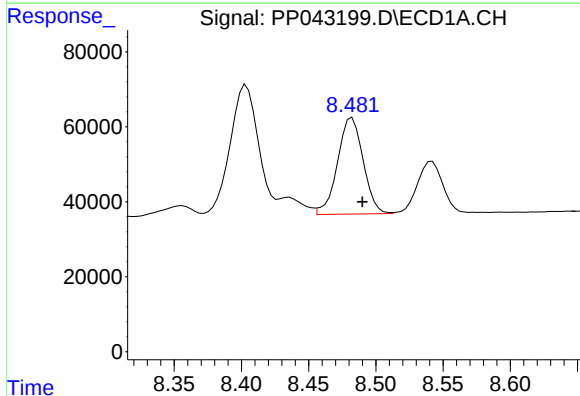
R.T.: 9.027 min
Delta R.T.: -0.008 min
Response: 739919
Conc: 449.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



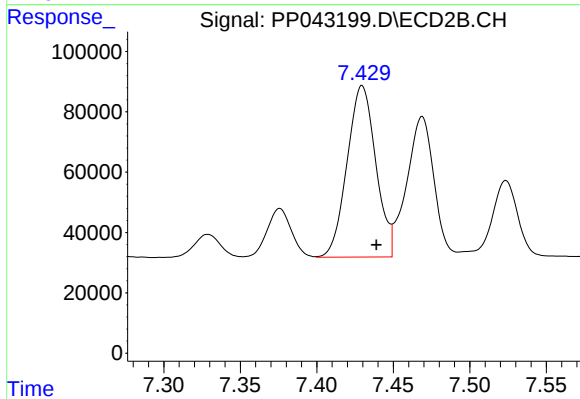
#35 AR-1260-5

R.T.: 7.981 min
Delta R.T.: -0.011 min
Response: 1139960
Conc: 454.52 ng/ml



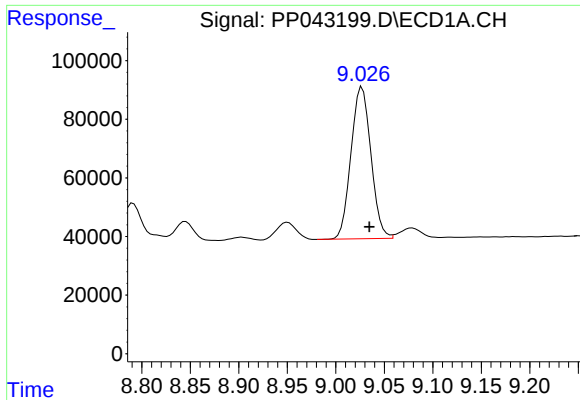
#36 AR-1262-1

R.T.: 8.482 min
Delta R.T.: -0.008 min
Response: 340370
Conc: 322.33 ng/ml



#36 AR-1262-1

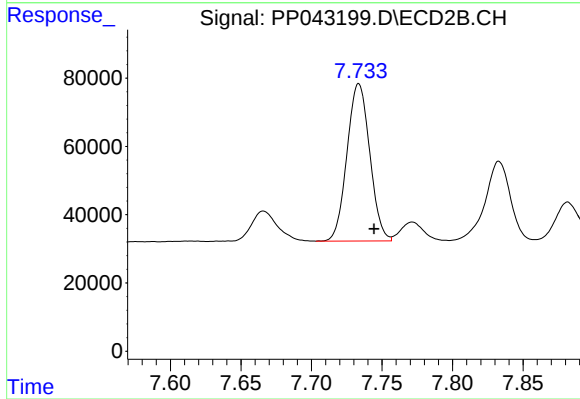
R.T.: 7.430 min
Delta R.T.: -0.009 min
Response: 742582
Conc: 820.30 ng/ml



#37 AR-1262-2

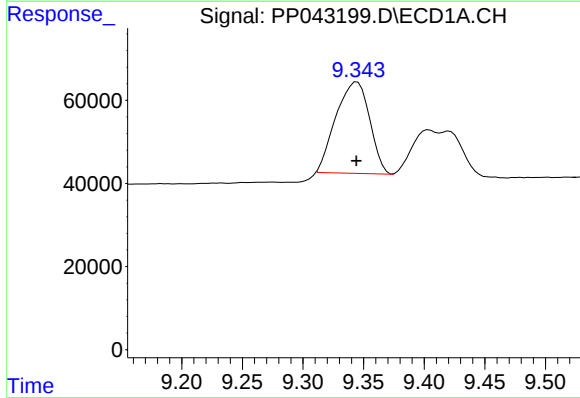
R.T.: 9.027 min
Delta R.T.: -0.007 min
Response: 739919
Conc: 427.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



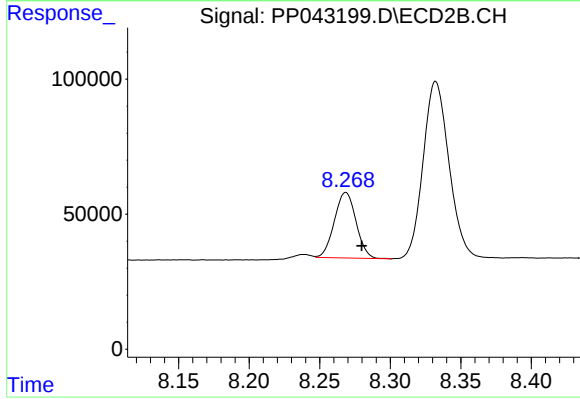
#37 AR-1262-2

R.T.: 7.734 min
Delta R.T.: -0.011 min
Response: 517587
Conc: 346.01 ng/ml



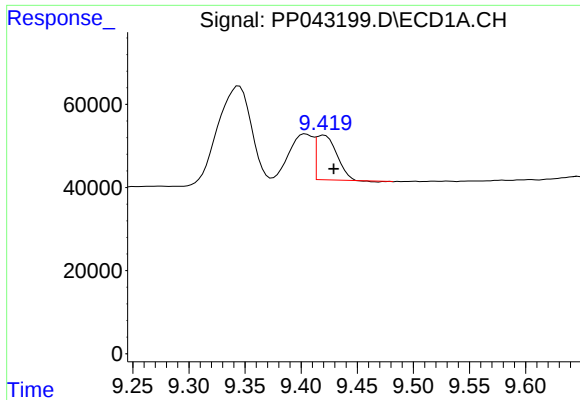
#38 AR-1262-3

R.T.: 9.345 min
Delta R.T.: 0.000 min
Response: 424022
Conc: 460.03 ng/ml



#38 AR-1262-3

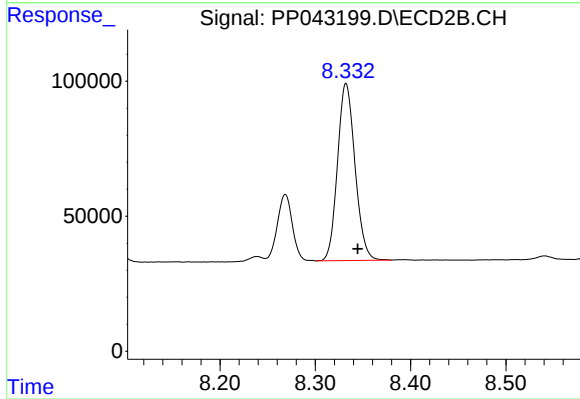
R.T.: 8.269 min
Delta R.T.: -0.011 min
Response: 260021
Conc: 233.06 ng/ml



#39 AR-1262-4

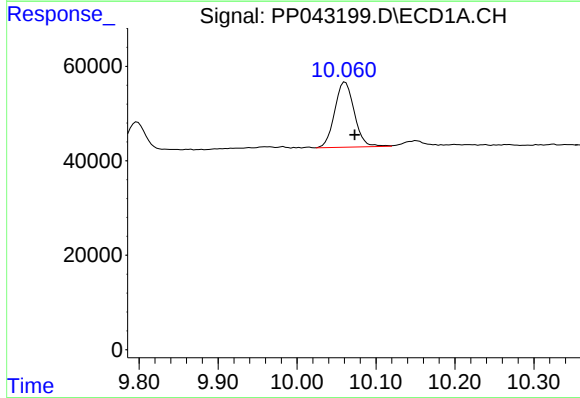
R.T.: 9.421 min
Delta R.T.: -0.008 min
Response: 134736
Conc: 249.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



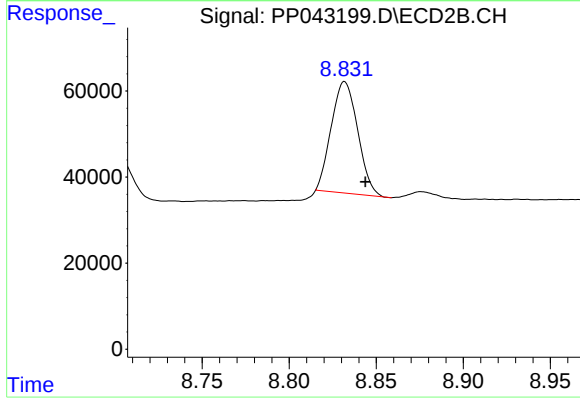
#39 AR-1262-4

R.T.: 8.332 min
Delta R.T.: -0.012 min
Response: 836338
Conc: 410.26 ng/ml



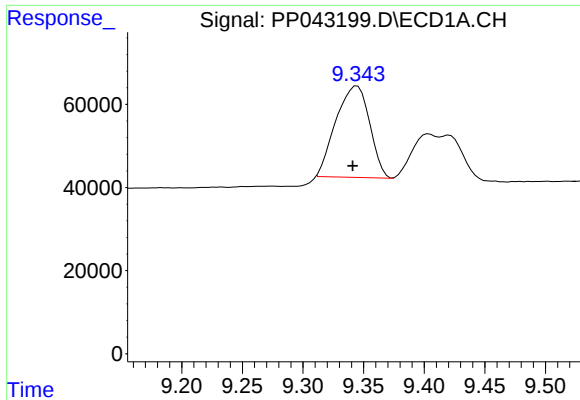
#40 AR-1262-5

R.T.: 10.061 min
Delta R.T.: -0.012 min
Response: 237371
Conc: 390.64 ng/ml



#40 AR-1262-5

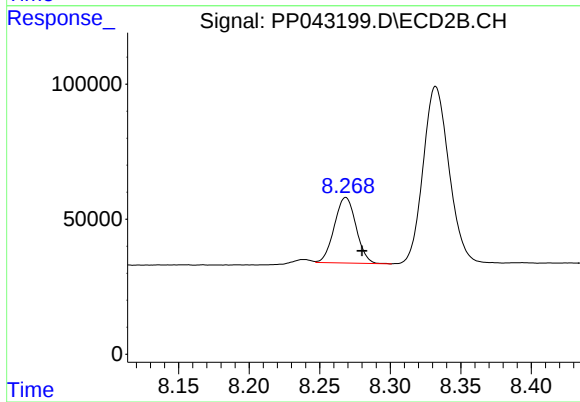
R.T.: 8.832 min
Delta R.T.: -0.012 min
Response: 273903
Conc: 295.38 ng/ml



#41 AR-1268-1

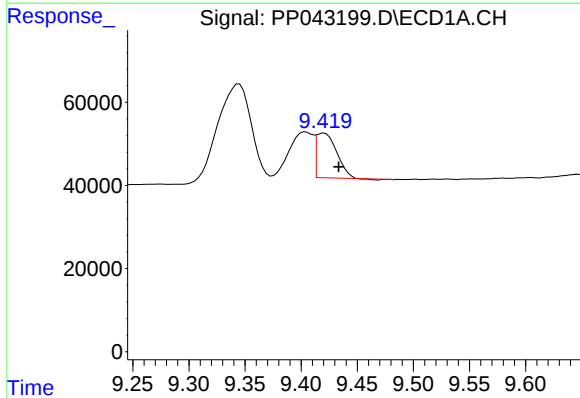
R.T.: 9.345 min
Delta R.T.: 0.004 min
Response: 424022
Conc: 205.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



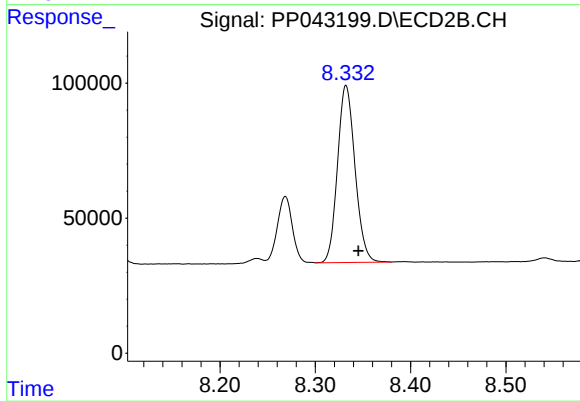
#41 AR-1268-1

R.T.: 8.269 min
Delta R.T.: -0.012 min
Response: 260021
Conc: 84.36 ng/ml



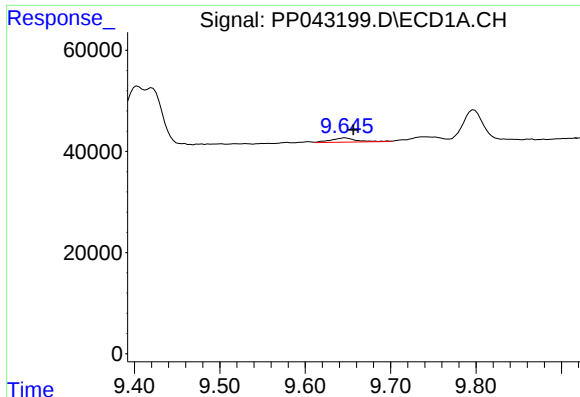
#42 AR-1268-2

R.T.: 9.421 min
Delta R.T.: -0.013 min
Response: 134736
Conc: 70.54 ng/ml



#42 AR-1268-2

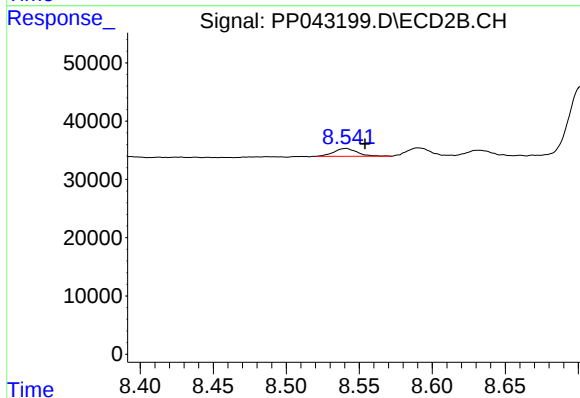
R.T.: 8.332 min
Delta R.T.: -0.013 min
Response: 836338
Conc: 294.05 ng/ml



#43 AR-1268-3

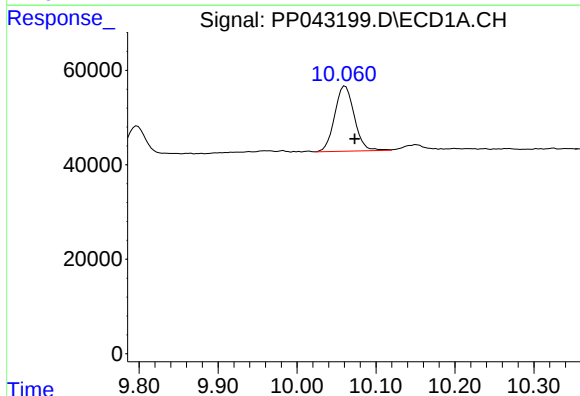
R.T.: 9.647 min
Delta R.T.: -0.010 min
Response: 17628
Conc: 10.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



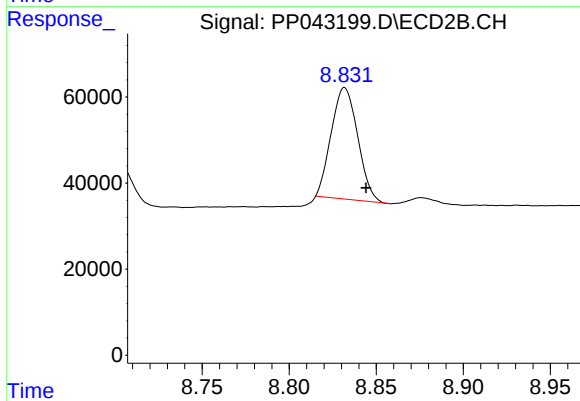
#43 AR-1268-3

R.T.: 8.541 min
Delta R.T.: -0.013 min
Response: 14938
Conc: 6.27 ng/ml



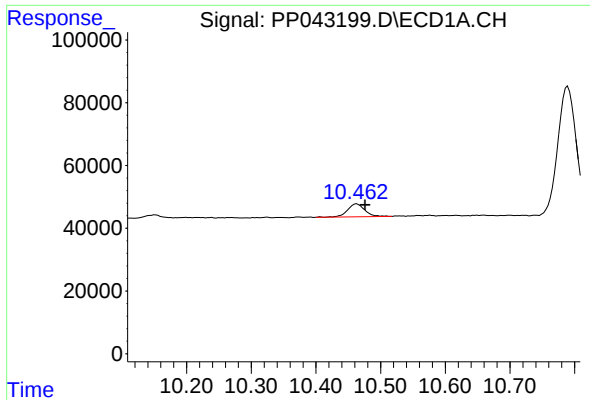
#44 AR-1268-4

R.T.: 10.061 min
Delta R.T.: -0.012 min
Response: 237371
Conc: 375.65 ng/ml



#44 AR-1268-4

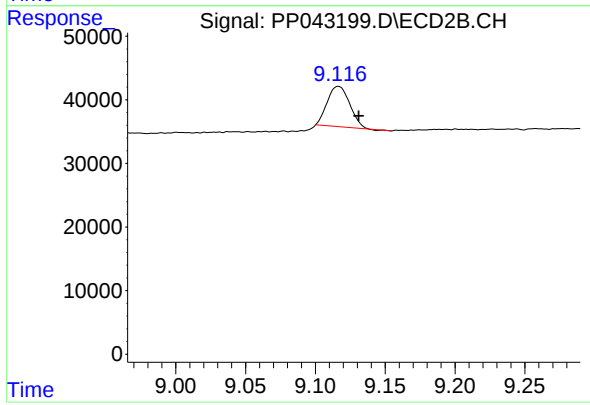
R.T.: 8.832 min
Delta R.T.: -0.012 min
Response: 273903
Conc: 268.60 ng/ml



#45 AR-1268-5

R.T.: 10.463 min
Delta R.T.: -0.013 min
Response: 75904
Conc: 14.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.117 min
Delta R.T.: -0.015 min
Response: 70952
Conc: 9.99 ng/ml