

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122221\
 Data File : PP042152.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Dec 2021 18:20
 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: Dec 22 19:41:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Dec 16 06:21:48 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...	4.925	4.064	736401	1310801	57.075	53.432
2)	SA Decachlor...	10.922	9.422	864684	1060080	65.615	52.724
Target Compounds							
3)	L1 AR-1016-1	6.234	5.334	225385	509043	551.270	493.536
4)	L1 AR-1016-2	6.257	5.355	335189	692388	555.471	494.790
5)	L1 AR-1016-3	6.324	5.549	215146	394600	568.448	507.726
6)	L1 AR-1016-4	6.429	5.600	172183	311336	562.562	512.751
7)	L1 AR-1016-5	6.746	5.832	182854	394610	619.720	493.560
8)	L2 AR-1221-1	5.163	4.325	27843	46913	188.402	171.379
9)	L2 AR-1221-2	5.267	4.426	37039	71503	351.715	330.339
10)	L2 AR-1221-3	5.352	4.516	132899	280706	411.108	384.300
11)	L3 AR-1232-1	5.352	4.516	132899	280706	514.722	461.611
12)	L3 AR-1232-2	5.941	5.355	183224	692388	1350.388	1229.340
13)	L3 AR-1232-3	6.257	5.549	335189	394600	1413.166	1287.731
14)	L3 AR-1232-4	6.429	5.645	172183	381922	1447.613	1453.106
15)	L3 AR-1232-5	6.531	5.832	143465	394610	1836.598	1403.243
16)	L4 AR-1242-1	6.234	5.334	225385	509043	754.023	663.356
17)	L4 AR-1242-2	6.257	5.355	335189	692388	758.697	676.161
18)	L4 AR-1242-3	6.324	5.549	215146	394600	791.696	683.799
19)	L4 AR-1242-4	6.429	5.645	172183	381922	752.635	691.118
20)	L4 AR-1242-5	7.214	6.214	27369	283300	117.184	404.464 #
21)	L5 AR-1248-1	6.234	5.334	225385	509043	1011.813	920.537
22)	L5 AR-1248-2	6.531	5.600	143465	311336	454.605	405.661
23)	L5 AR-1248-3	6.746	5.645	182854	381922	483.840	470.246
24)	L5 AR-1248-4	7.173	5.832	30979	394610	77.204	411.135 #
25)	L5 AR-1248-5	7.214	6.257	27369	50142	68.274	52.054
26)	L6 AR-1254-1	7.145	6.214	127558	283300	278.127	196.406 #
27)	L6 AR-1254-2	7.376	6.373	138230	254553	187.159	202.076
28)	L6 AR-1254-3	7.754	6.815	80797	469955	103.411	240.431 #
29)	L6 AR-1254-4	8.050	7.037	61810	75337	107.998	64.371 #
30)	L6 AR-1254-5	8.480	7.470	450730	762754	715.667	484.687 #
31)	L7 AR-1260-1	7.926	6.935	338494	614532	574.610	478.715
32)	L7 AR-1260-2	8.193	7.131	385524	713161	566.577	469.511
33)	L7 AR-1260-3	8.560	7.290	315008	654318	570.793	470.148
34)	L7 AR-1260-4	8.789	7.776	361881	529350	573.188	485.847
35)	L7 AR-1260-5	9.113	8.023	660272	1172226	547.517	478.051
36)	L8 AR-1262-1	8.560	7.470	315008	762754	427.419	956.319 #
37)	L8 AR-1262-2	9.113	7.776	660272	529350	530.756	410.490
38)	L8 AR-1262-3	9.436	8.313	450367	265873	687.906	254.416 #
39)	L8 AR-1262-4	9.514	8.376	144225	867983	341.251	466.743 #
40)	L8 AR-1262-5	10.172	8.876	220715	334595	479.262	385.269
41)	L9 AR-1268-1	9.436	8.313	450367	265873	290.589	97.841 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122221\
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 Acq On : 22 Dec 2021 18:20
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

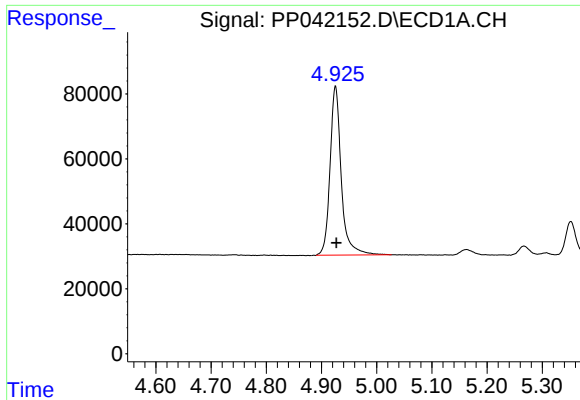
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 19:41:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121621.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	9.514	8.376	144225	867983	100.614	332.615 #
43) L9	AR-1268-3	9.748	8.588	14289	14654	11.026	6.655 #
44) L9	AR-1268-4	10.172	8.876	220715	334595	422.237	349.073
45) L9	AR-1268-5	10.586	9.167	66990	93921	16.159	13.978

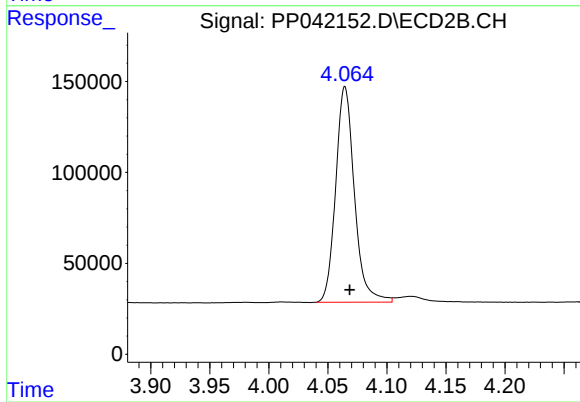
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

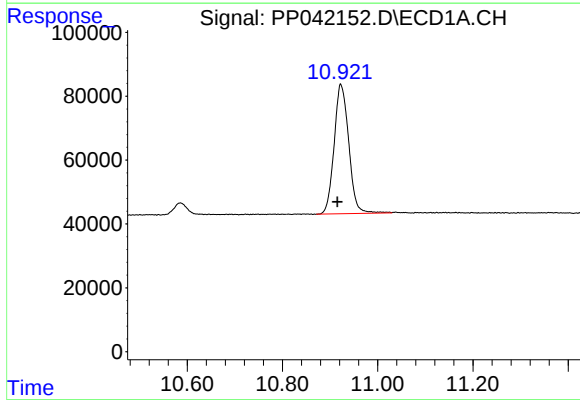
R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 736401
Conc: 57.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



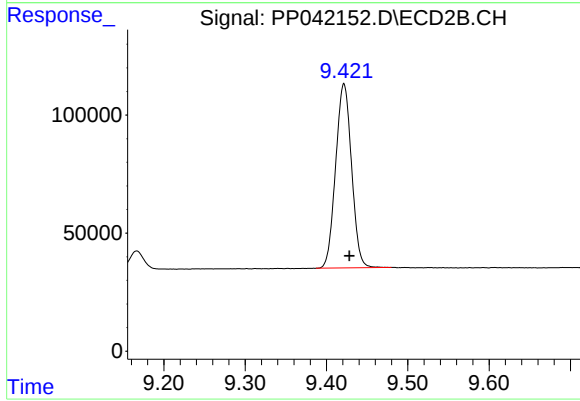
#1 Tetrachloro-m-xylene

R.T.: 4.064 min
Delta R.T.: -0.004 min
Response: 1310801
Conc: 53.43 ng/ml



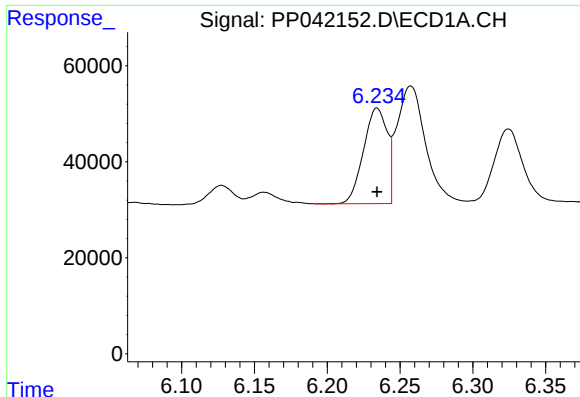
#2 Decachlorobiphenyl

R.T.: 10.922 min
Delta R.T.: 0.007 min
Response: 864684
Conc: 65.61 ng/ml



#2 Decachlorobiphenyl

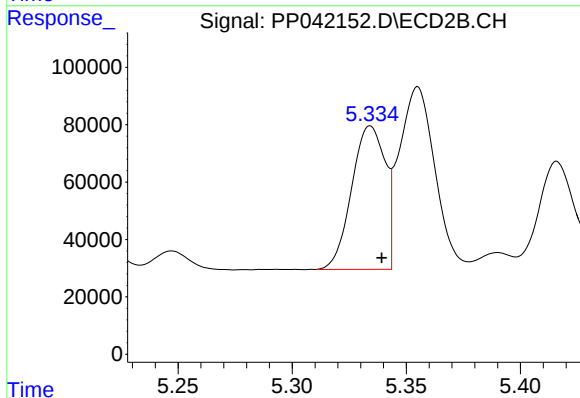
R.T.: 9.422 min
Delta R.T.: -0.007 min
Response: 1060080
Conc: 52.72 ng/ml



#3 AR-1016-1

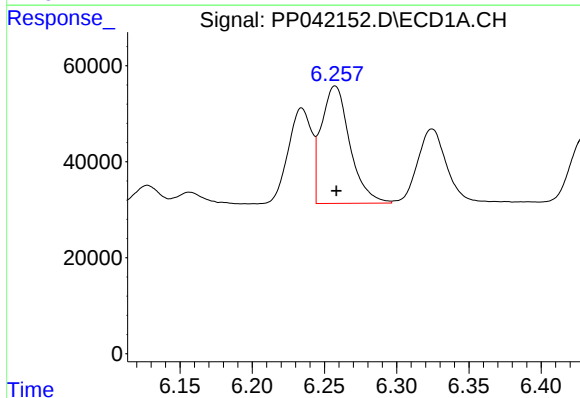
R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 225385
Conc: 551.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



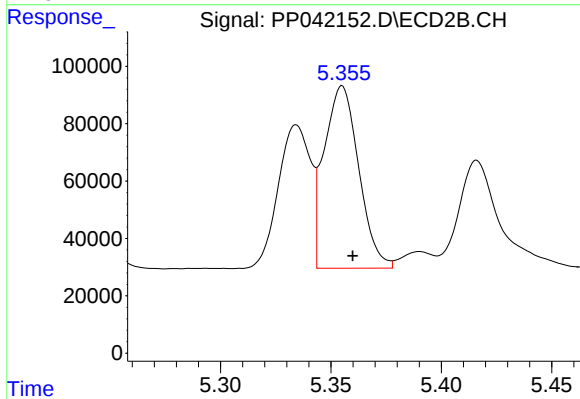
#3 AR-1016-1

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 509043
Conc: 493.54 ng/ml



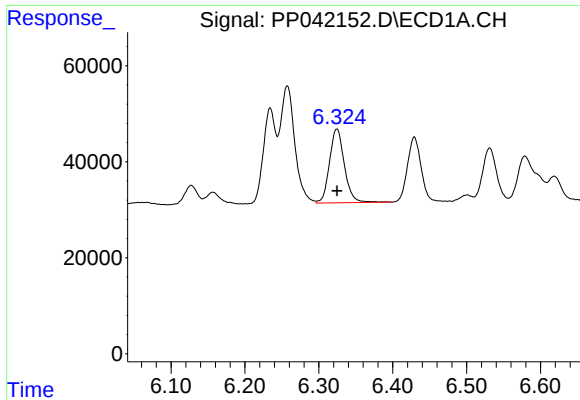
#4 AR-1016-2

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 335189
Conc: 555.47 ng/ml



#4 AR-1016-2

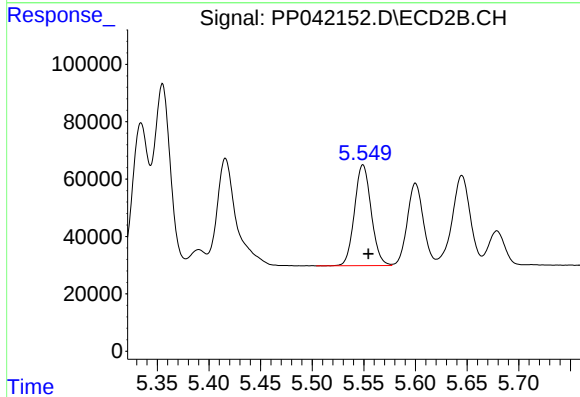
R.T.: 5.355 min
Delta R.T.: -0.005 min
Response: 692388
Conc: 494.79 ng/ml



#5 AR-1016-3

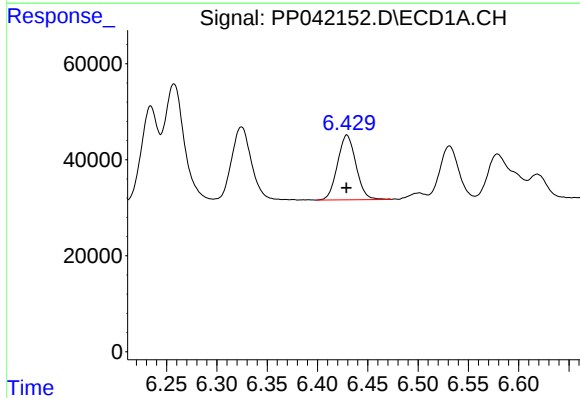
R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 215146
Conc: 568.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



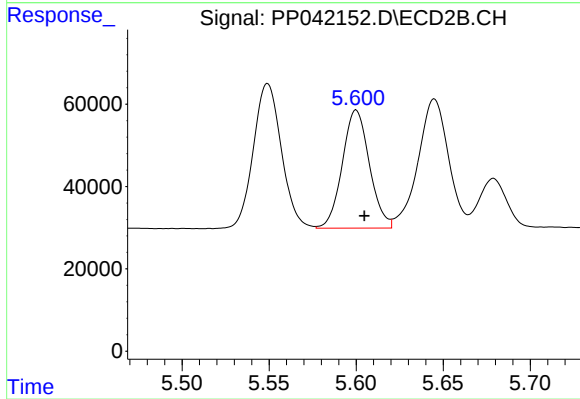
#5 AR-1016-3

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 394600
Conc: 507.73 ng/ml



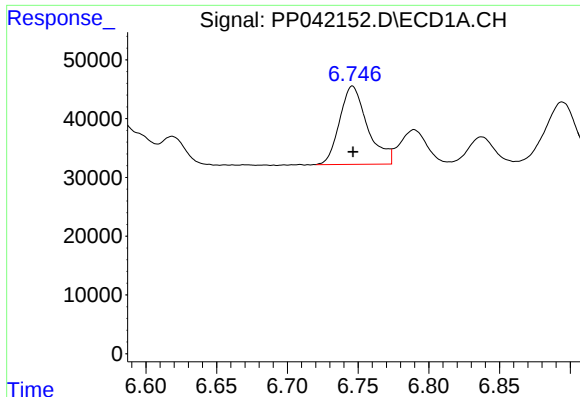
#6 AR-1016-4

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 172183
Conc: 562.56 ng/ml



#6 AR-1016-4

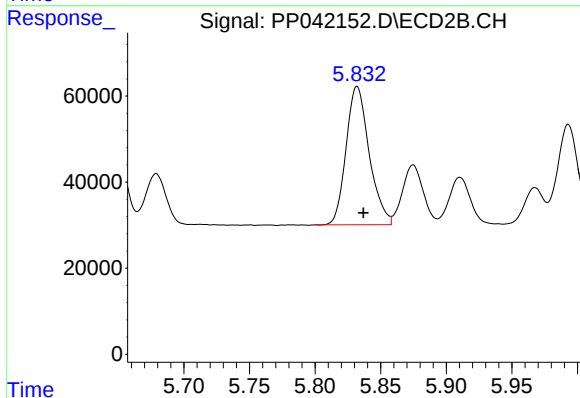
R.T.: 5.600 min
Delta R.T.: -0.005 min
Response: 311336
Conc: 512.75 ng/ml



#7 AR-1016-5

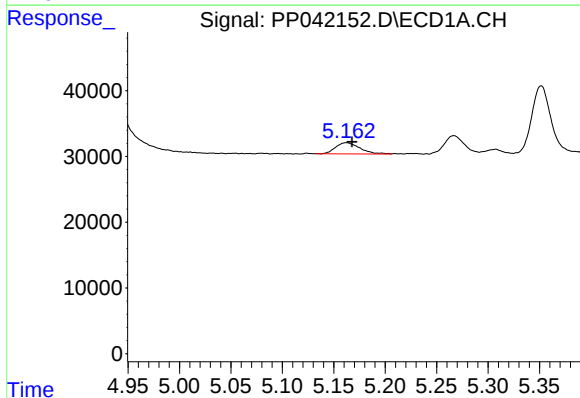
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 182854
Conc: 619.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



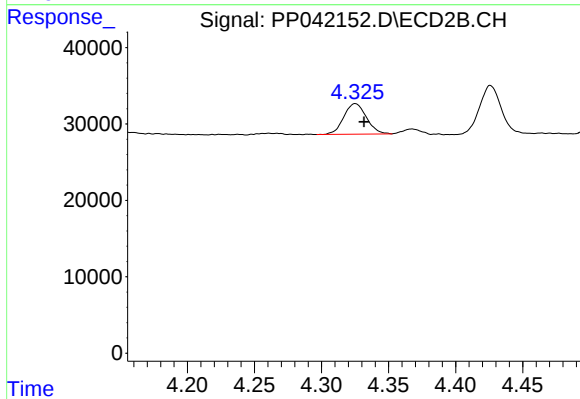
#7 AR-1016-5

R.T.: 5.832 min
Delta R.T.: -0.005 min
Response: 394610
Conc: 493.56 ng/ml



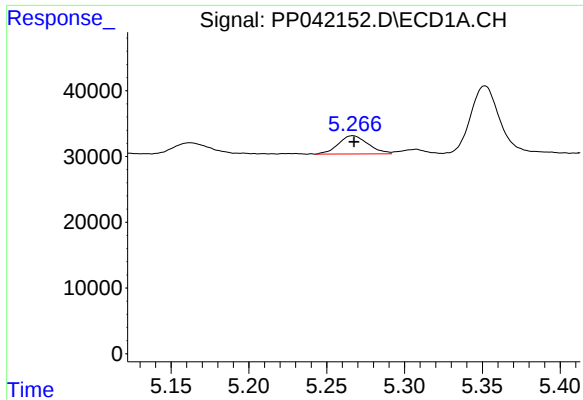
#8 AR-1221-1

R.T.: 5.163 min
Delta R.T.: -0.005 min
Response: 27843
Conc: 188.40 ng/ml



#8 AR-1221-1

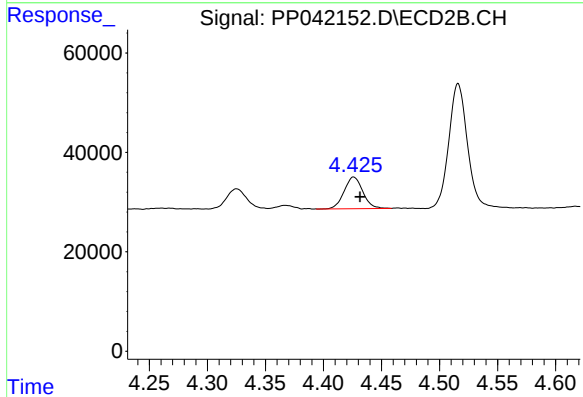
R.T.: 4.325 min
Delta R.T.: -0.006 min
Response: 46913
Conc: 171.38 ng/ml



#9 AR-1221-2

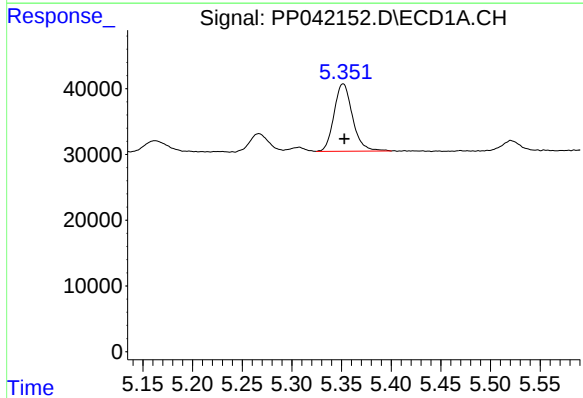
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 37039
Conc: 351.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



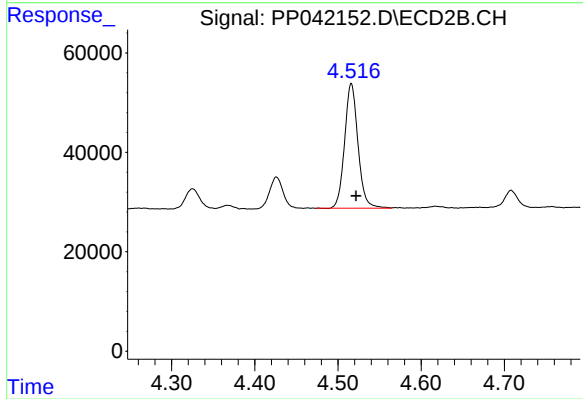
#9 AR-1221-2

R.T.: 4.426 min
Delta R.T.: -0.006 min
Response: 71503
Conc: 330.34 ng/ml



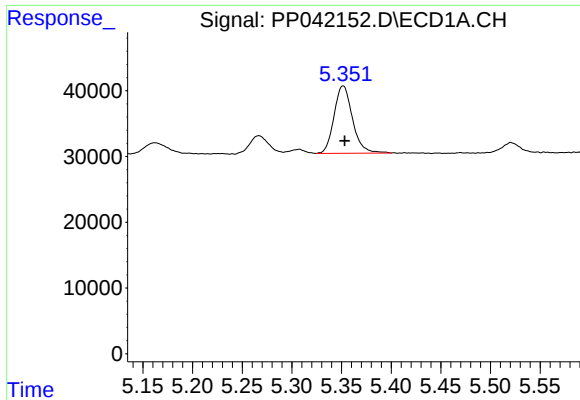
#10 AR-1221-3

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 132899
Conc: 411.11 ng/ml



#10 AR-1221-3

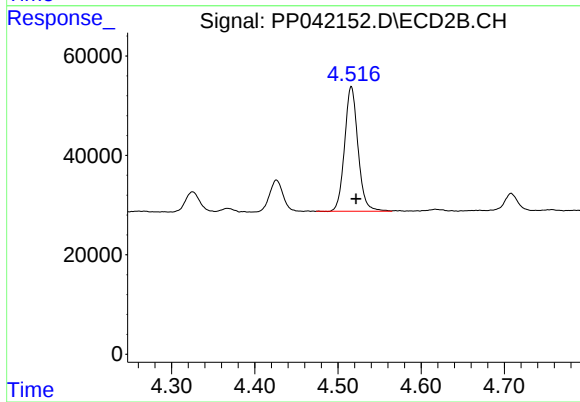
R.T.: 4.516 min
Delta R.T.: -0.006 min
Response: 280706
Conc: 384.30 ng/ml



#11 AR-1232-1

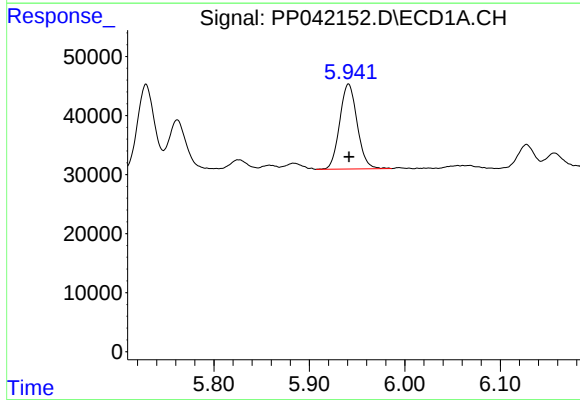
R.T.: 5.352 min
Delta R.T.: -0.002 min
Response: 132899
Conc: 514.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



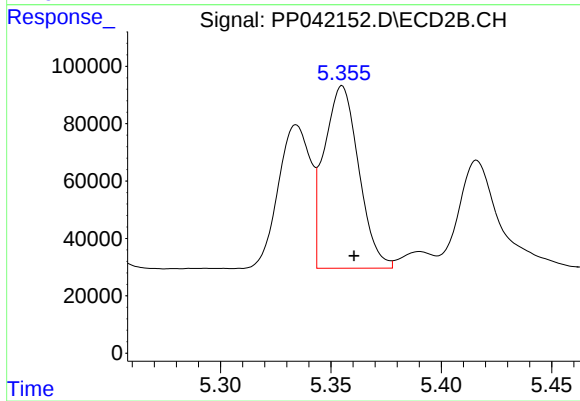
#11 AR-1232-1

R.T.: 4.516 min
Delta R.T.: -0.005 min
Response: 280706
Conc: 461.61 ng/ml



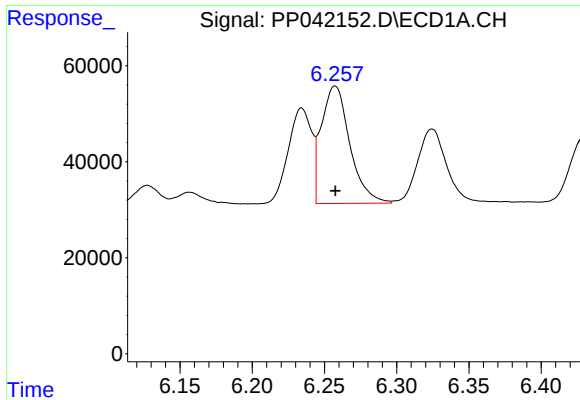
#12 AR-1232-2

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 183224
Conc: 1350.39 ng/ml



#12 AR-1232-2

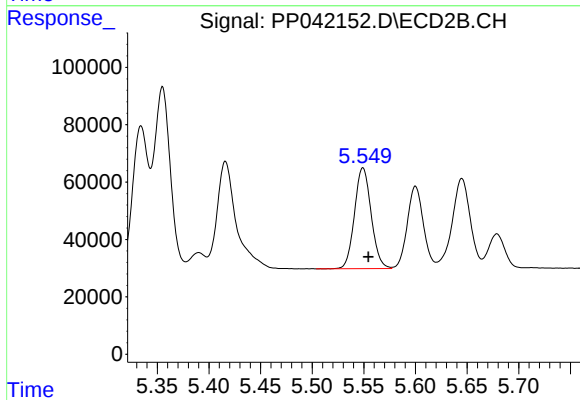
R.T.: 5.355 min
Delta R.T.: -0.005 min
Response: 692388
Conc: 1229.34 ng/ml



#13 AR-1232-3

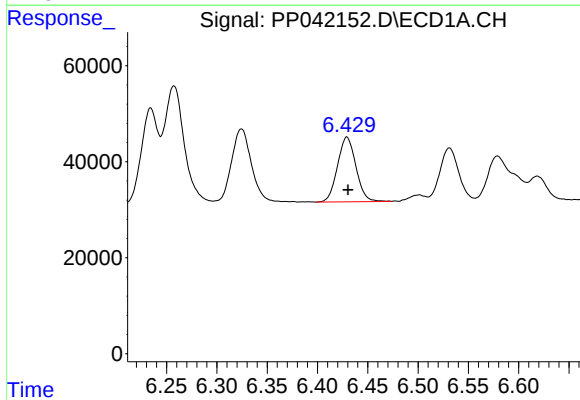
R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 335189
Conc: 1413.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



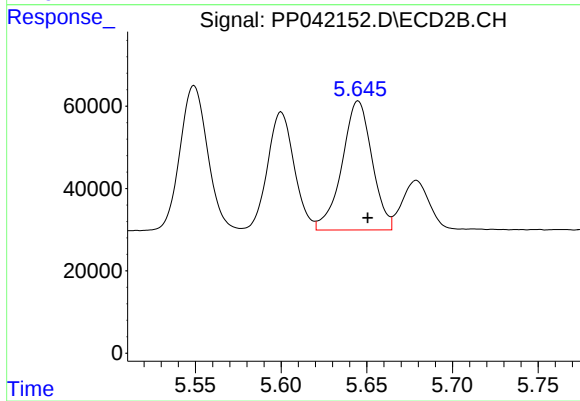
#13 AR-1232-3

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 394600
Conc: 1287.73 ng/ml



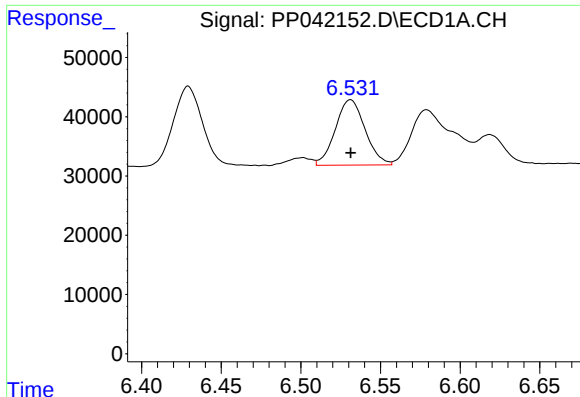
#14 AR-1232-4

R.T.: 6.429 min
Delta R.T.: -0.001 min
Response: 172183
Conc: 1447.61 ng/ml



#14 AR-1232-4

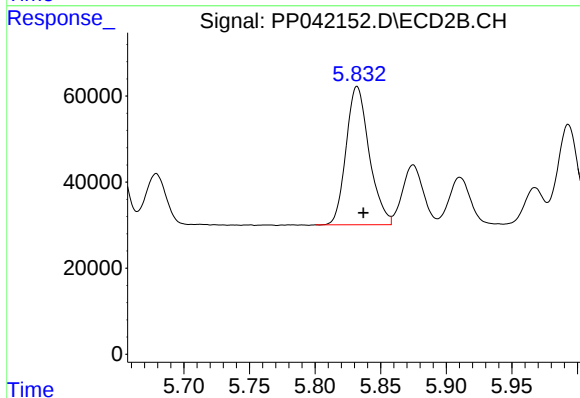
R.T.: 5.645 min
Delta R.T.: -0.006 min
Response: 381922
Conc: 1453.11 ng/ml



#15 AR-1232-5

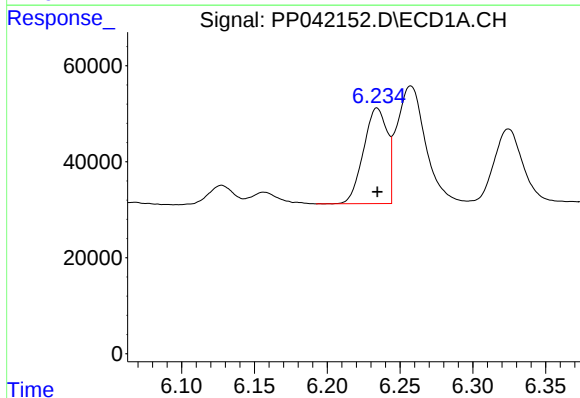
R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 143465
Conc: 1836.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



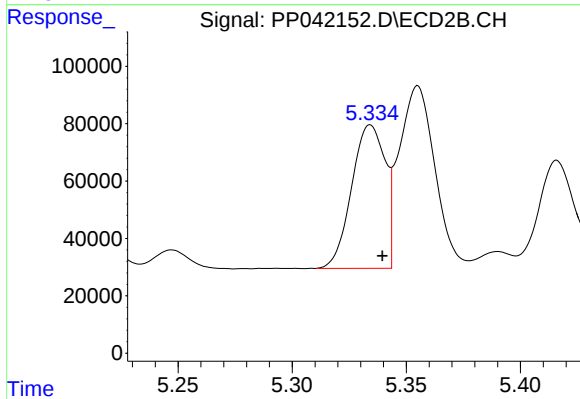
#15 AR-1232-5

R.T.: 5.832 min
Delta R.T.: -0.005 min
Response: 394610
Conc: 1403.24 ng/ml



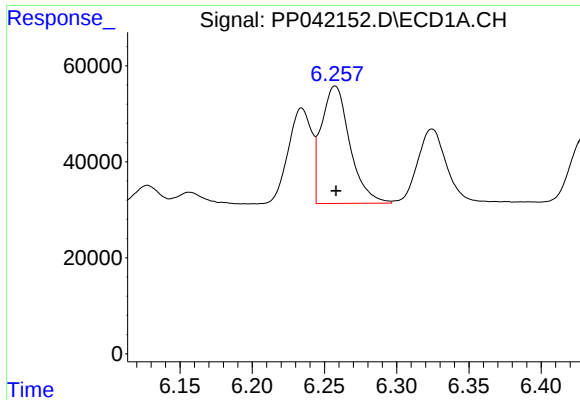
#16 AR-1242-1

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 225385
Conc: 754.02 ng/ml



#16 AR-1242-1

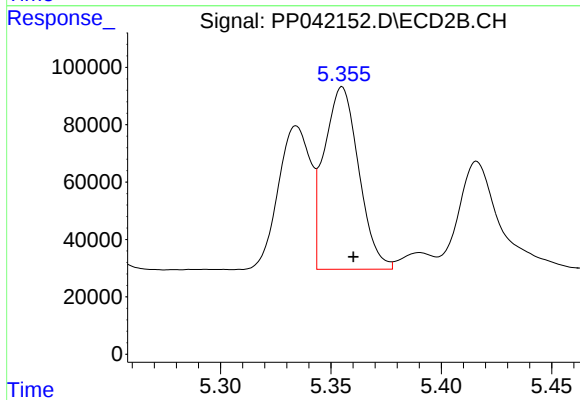
R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 509043
Conc: 663.36 ng/ml



#17 AR-1242-2

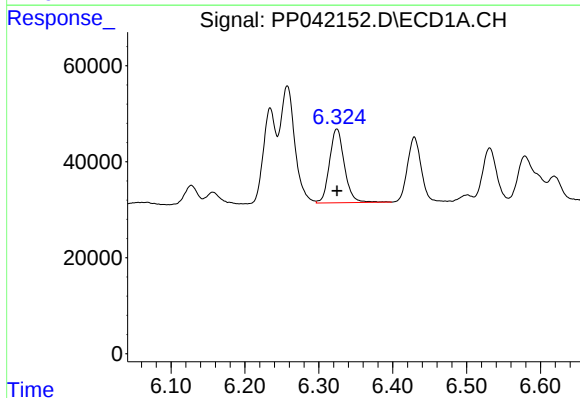
R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 335189
Conc: 758.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



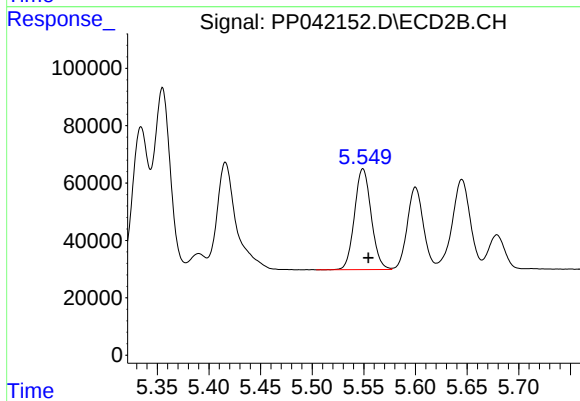
#17 AR-1242-2

R.T.: 5.355 min
Delta R.T.: -0.005 min
Response: 692388
Conc: 676.16 ng/ml



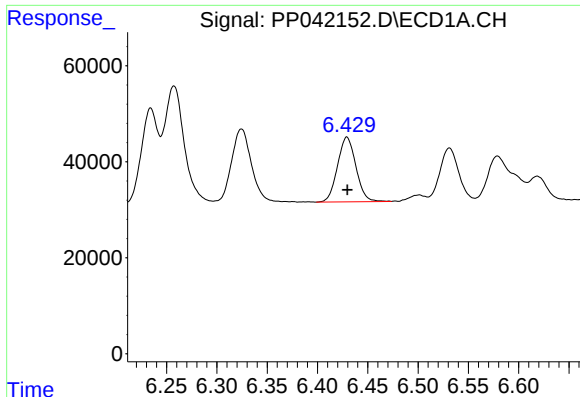
#18 AR-1242-3

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 215146
Conc: 791.70 ng/ml



#18 AR-1242-3

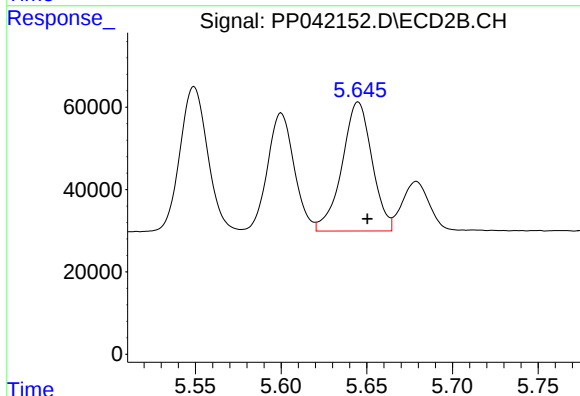
R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 394600
Conc: 683.80 ng/ml



#19 AR-1242-4

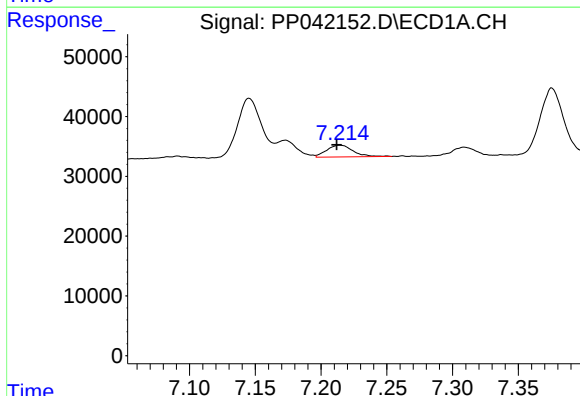
R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 172183
Conc: 752.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



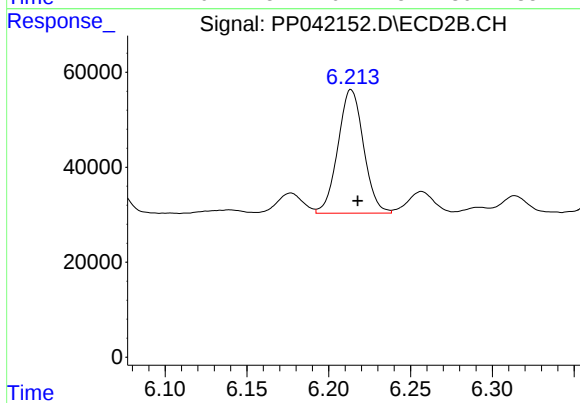
#19 AR-1242-4

R.T.: 5.645 min
Delta R.T.: -0.005 min
Response: 381922
Conc: 691.12 ng/ml



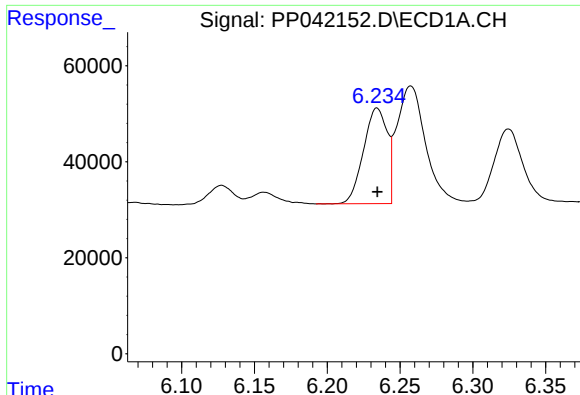
#20 AR-1242-5

R.T.: 7.214 min
Delta R.T.: 0.002 min
Response: 27369
Conc: 117.18 ng/ml



#20 AR-1242-5

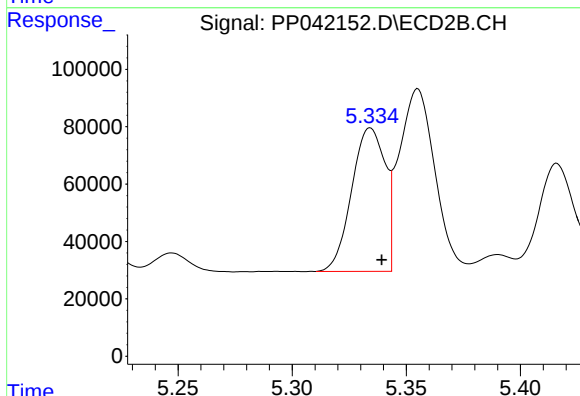
R.T.: 6.214 min
Delta R.T.: -0.004 min
Response: 283300
Conc: 404.46 ng/ml



#21 AR-1248-1

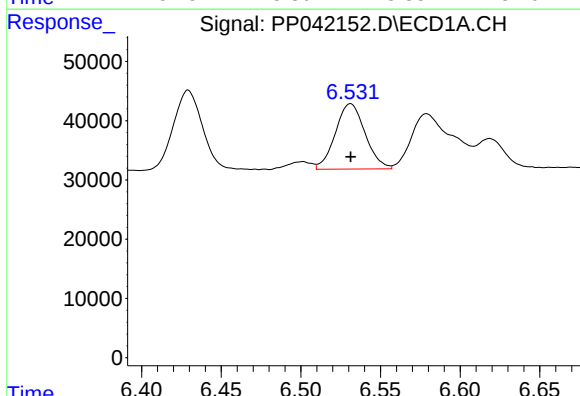
R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 225385
Conc: 1011.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



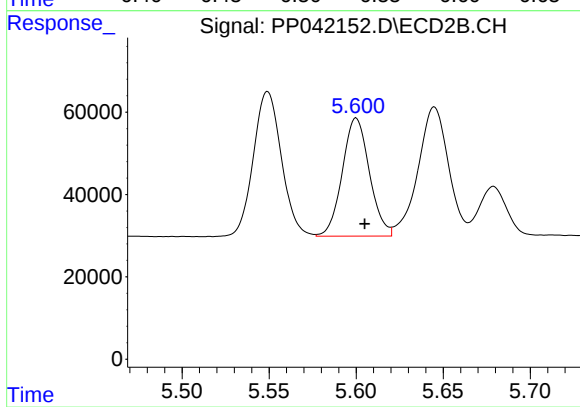
#21 AR-1248-1

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 509043
Conc: 920.54 ng/ml



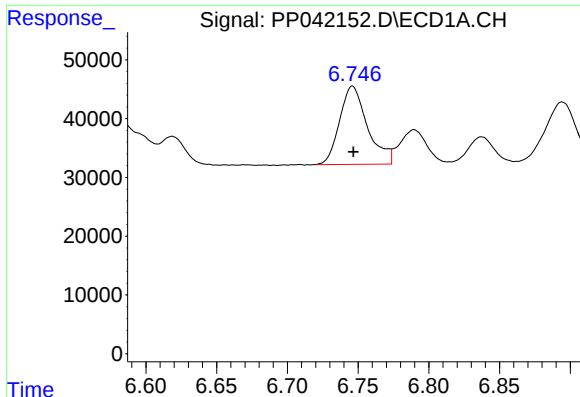
#22 AR-1248-2

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 143465
Conc: 454.61 ng/ml



#22 AR-1248-2

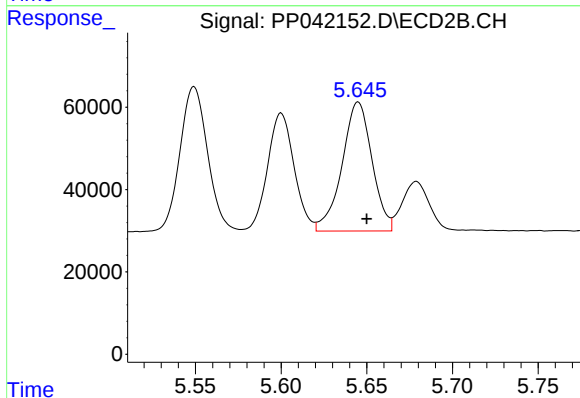
R.T.: 5.600 min
Delta R.T.: -0.005 min
Response: 311336
Conc: 405.66 ng/ml



#23 AR-1248-3

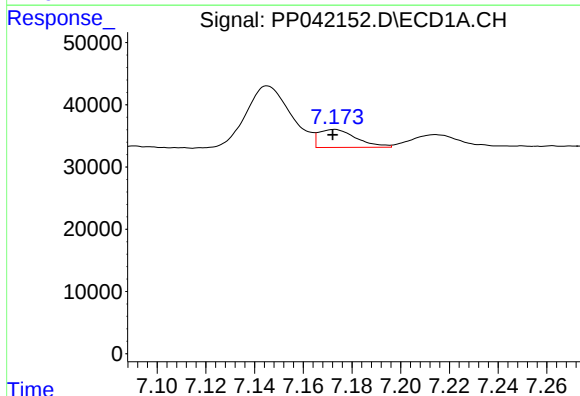
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 182854
Conc: 483.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



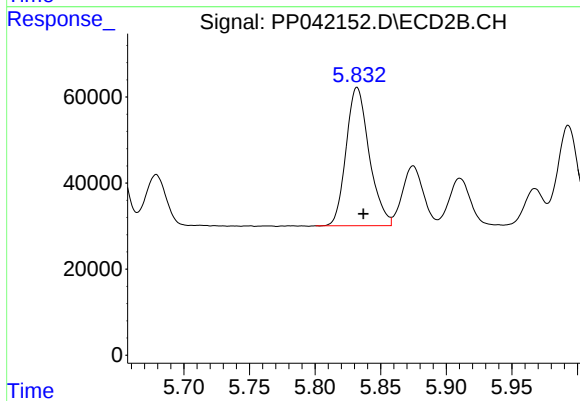
#23 AR-1248-3

R.T.: 5.645 min
Delta R.T.: -0.005 min
Response: 381922
Conc: 470.25 ng/ml



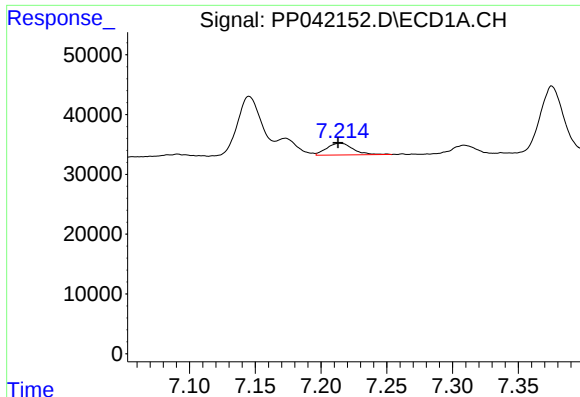
#24 AR-1248-4

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 30979
Conc: 77.20 ng/ml



#24 AR-1248-4

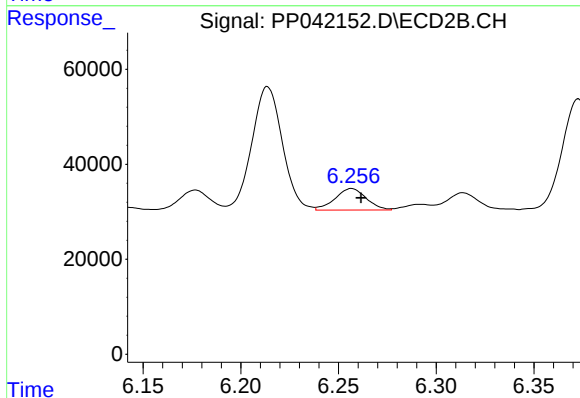
R.T.: 5.832 min
Delta R.T.: -0.005 min
Response: 394610
Conc: 411.14 ng/ml



#25 AR-1248-5

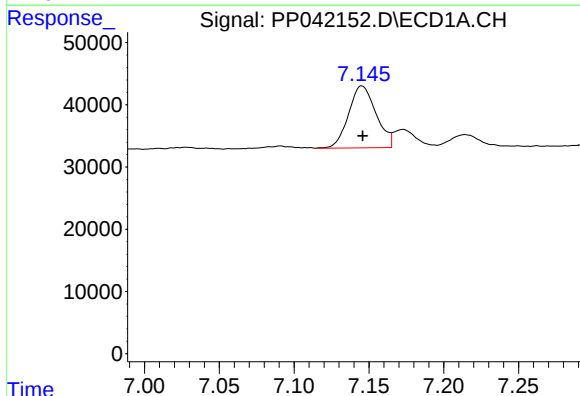
R.T.: 7.214 min
Delta R.T.: 0.001 min
Response: 27369
Conc: 68.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



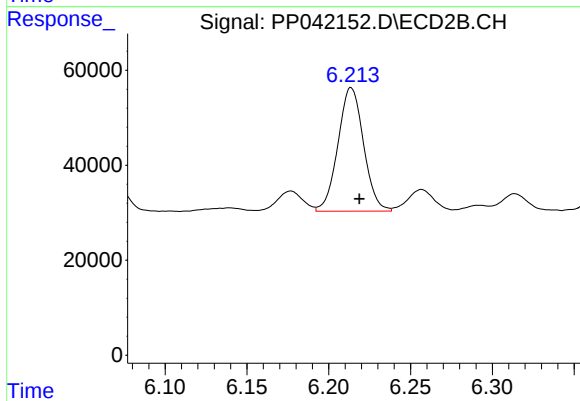
#25 AR-1248-5

R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 50142
Conc: 52.05 ng/ml



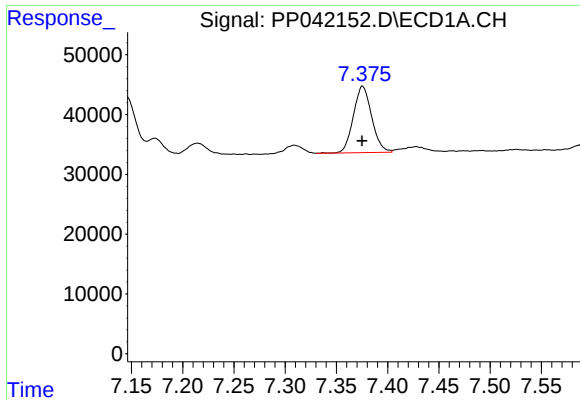
#26 AR-1254-1

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 127558
Conc: 278.13 ng/ml



#26 AR-1254-1

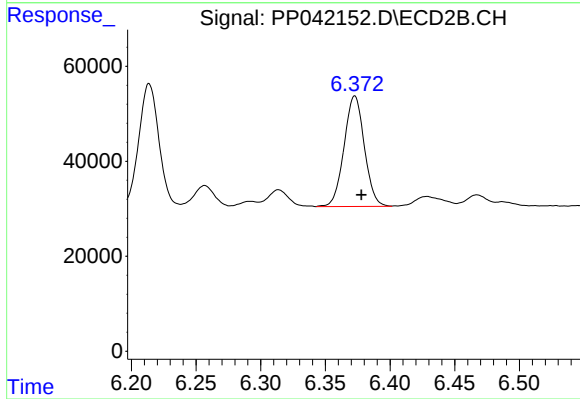
R.T.: 6.214 min
Delta R.T.: -0.005 min
Response: 283300
Conc: 196.41 ng/ml



#27 AR-1254-2

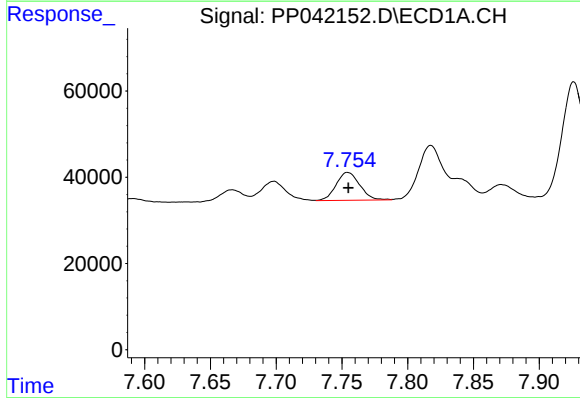
R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 138230
Conc: 187.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



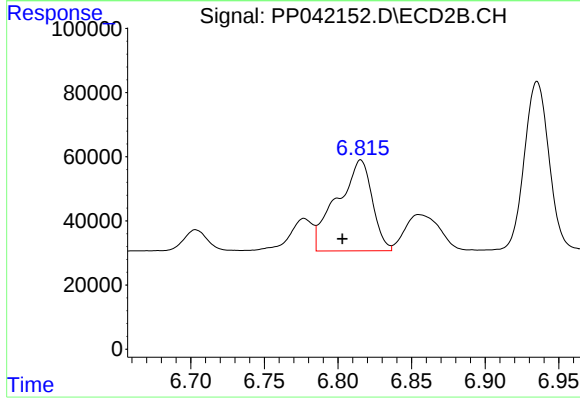
#27 AR-1254-2

R.T.: 6.373 min
Delta R.T.: -0.005 min
Response: 254553
Conc: 202.08 ng/ml



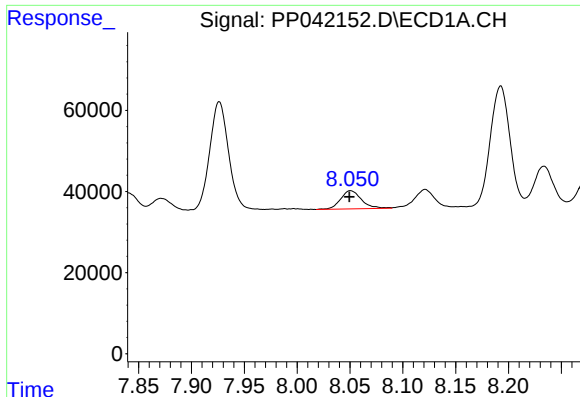
#28 AR-1254-3

R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 80797
Conc: 103.41 ng/ml



#28 AR-1254-3

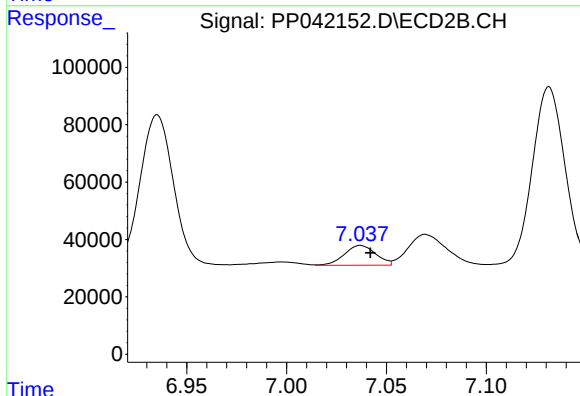
R.T.: 6.815 min
Delta R.T.: 0.013 min
Response: 469955
Conc: 240.43 ng/ml



#29 AR-1254-4

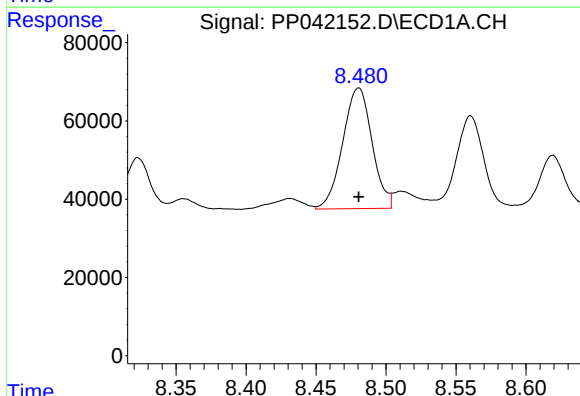
R.T.: 8.050 min
Delta R.T.: 0.000 min
Response: 61810
Conc: 108.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



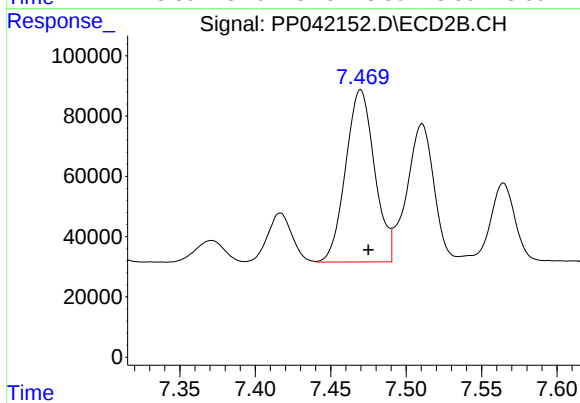
#29 AR-1254-4

R.T.: 7.037 min
Delta R.T.: -0.005 min
Response: 75337
Conc: 64.37 ng/ml



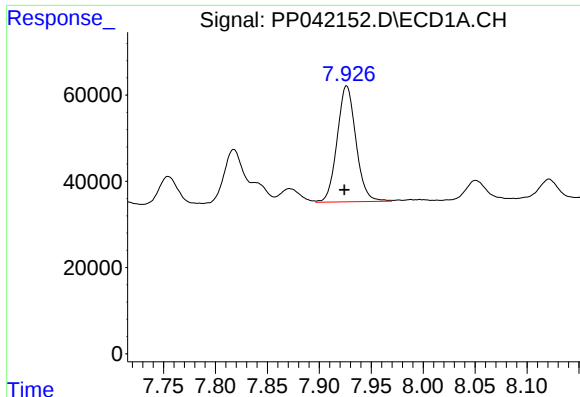
#30 AR-1254-5

R.T.: 8.480 min
Delta R.T.: 0.000 min
Response: 450730
Conc: 715.67 ng/ml



#30 AR-1254-5

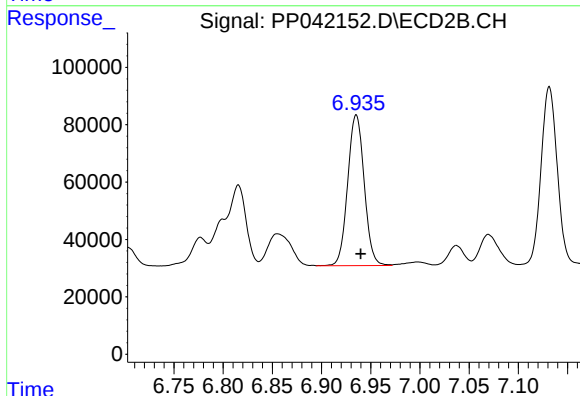
R.T.: 7.470 min
Delta R.T.: -0.005 min
Response: 762754
Conc: 484.69 ng/ml



#31 AR-1260-1

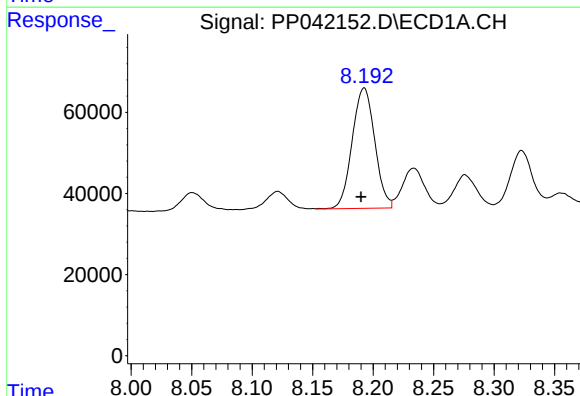
R.T.: 7.926 min
Delta R.T.: 0.002 min
Response: 338494
Conc: 574.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



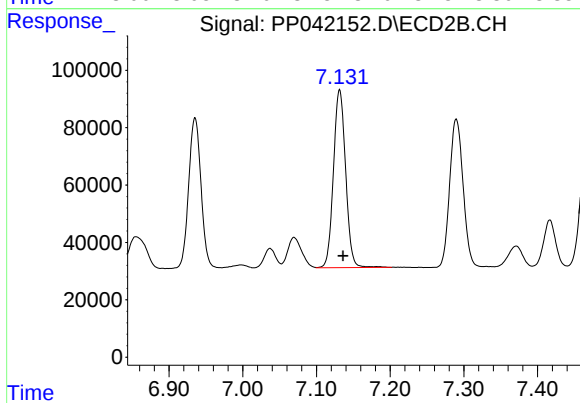
#31 AR-1260-1

R.T.: 6.935 min
Delta R.T.: -0.004 min
Response: 614532
Conc: 478.71 ng/ml



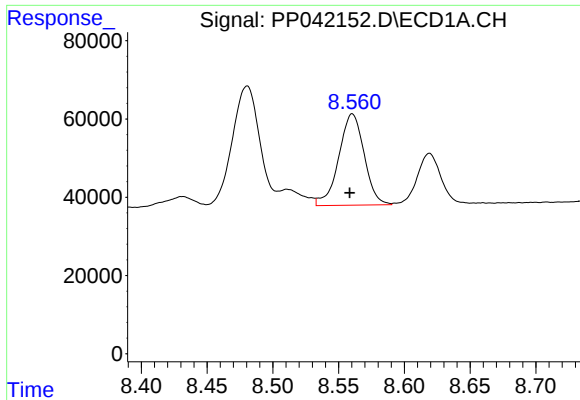
#32 AR-1260-2

R.T.: 8.193 min
Delta R.T.: 0.003 min
Response: 385524
Conc: 566.58 ng/ml



#32 AR-1260-2

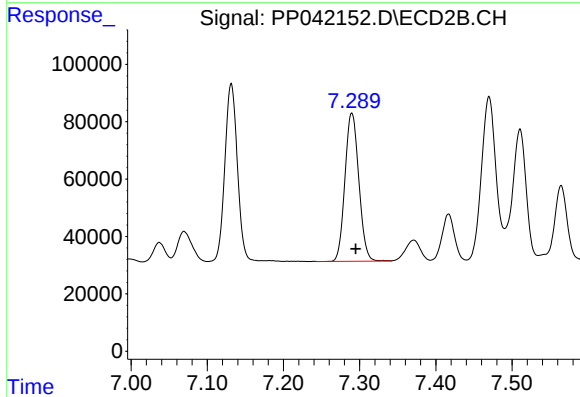
R.T.: 7.131 min
Delta R.T.: -0.005 min
Response: 713161
Conc: 469.51 ng/ml



#33 AR-1260-3

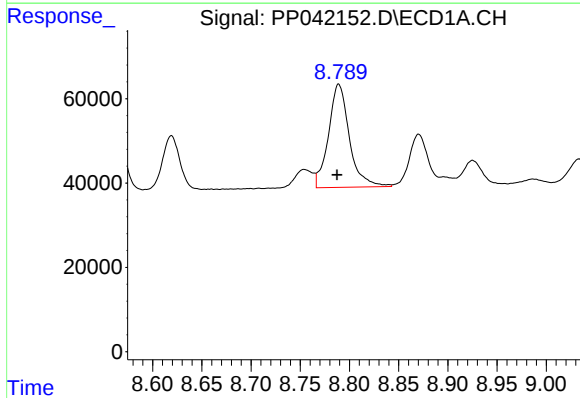
R.T.: 8.560 min
Delta R.T.: 0.002 min
Response: 315008
Conc: 570.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



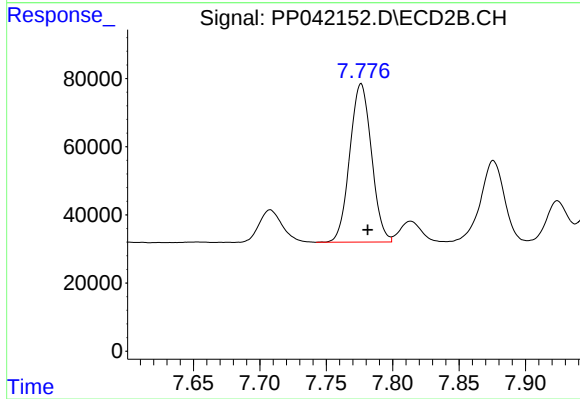
#33 AR-1260-3

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 654318
Conc: 470.15 ng/ml



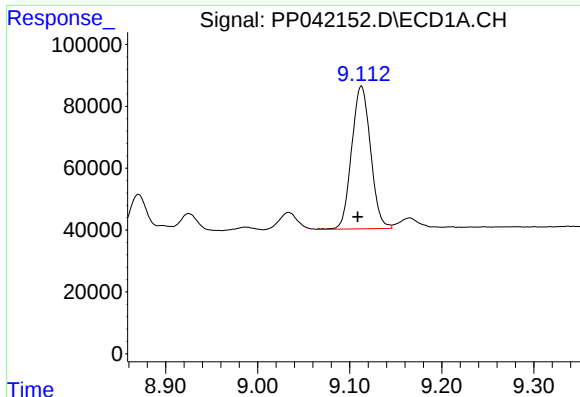
#34 AR-1260-4

R.T.: 8.789 min
Delta R.T.: 0.002 min
Response: 361881
Conc: 573.19 ng/ml



#34 AR-1260-4

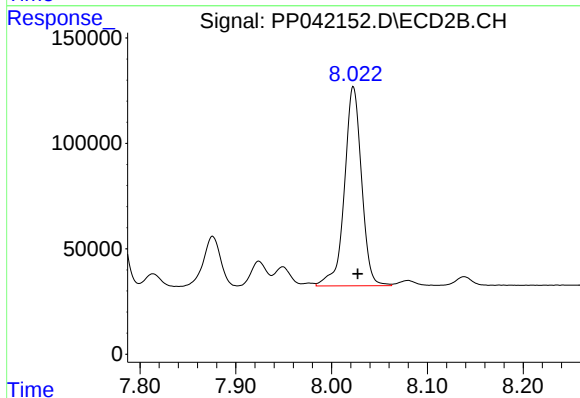
R.T.: 7.776 min
Delta R.T.: -0.005 min
Response: 529350
Conc: 485.85 ng/ml



#35 AR-1260-5

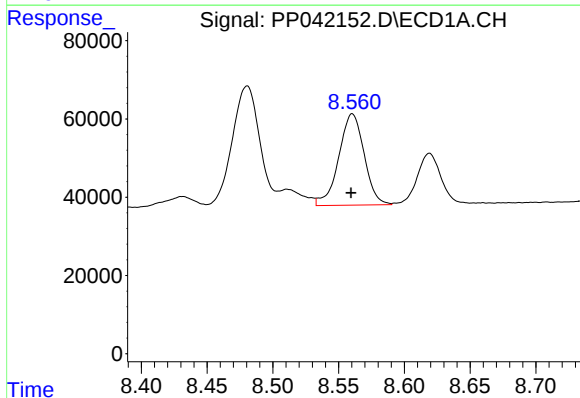
R.T.: 9.113 min
Delta R.T.: 0.004 min
Response: 660272
Conc: 547.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



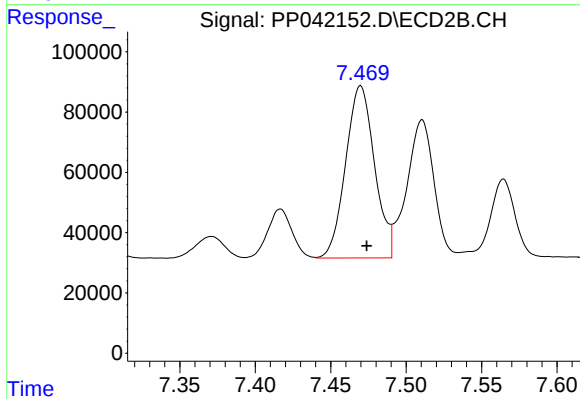
#35 AR-1260-5

R.T.: 8.023 min
Delta R.T.: -0.005 min
Response: 1172226
Conc: 478.05 ng/ml



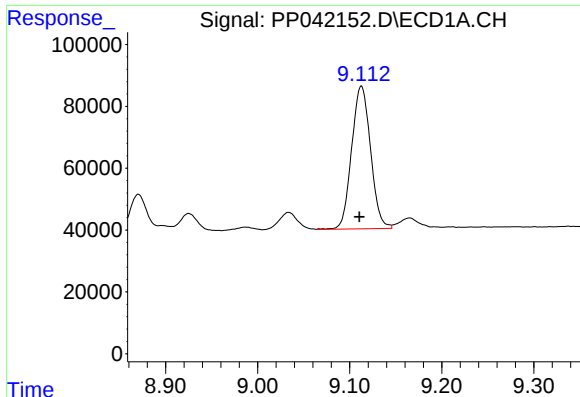
#36 AR-1262-1

R.T.: 8.560 min
Delta R.T.: 0.001 min
Response: 315008
Conc: 427.42 ng/ml



#36 AR-1262-1

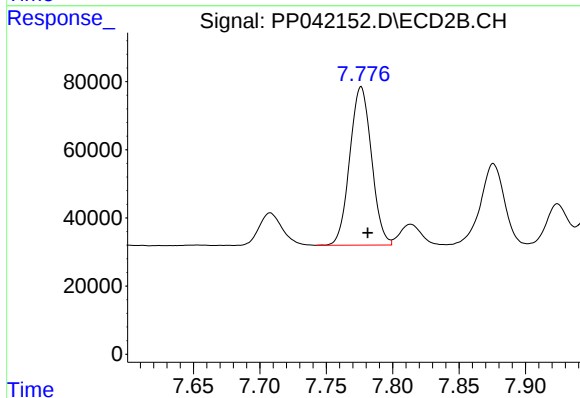
R.T.: 7.470 min
Delta R.T.: -0.004 min
Response: 762754
Conc: 956.32 ng/ml



#37 AR-1262-2

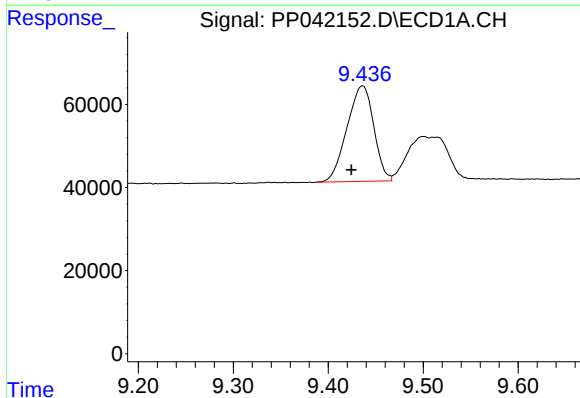
R.T.: 9.113 min
Delta R.T.: 0.002 min
Response: 660272
Conc: 530.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



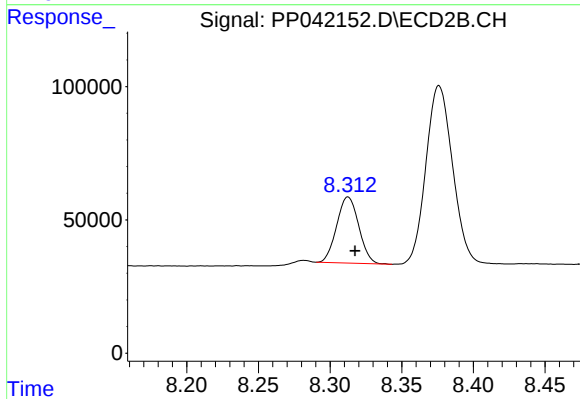
#37 AR-1262-2

R.T.: 7.776 min
Delta R.T.: -0.005 min
Response: 529350
Conc: 410.49 ng/ml



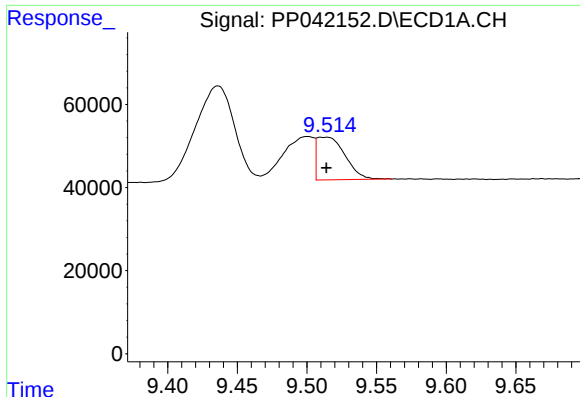
#38 AR-1262-3

R.T.: 9.436 min
Delta R.T.: 0.012 min
Response: 450367
Conc: 687.91 ng/ml



#38 AR-1262-3

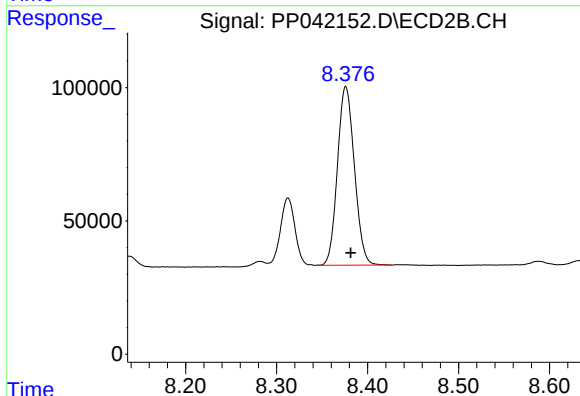
R.T.: 8.313 min
Delta R.T.: -0.005 min
Response: 265873
Conc: 254.42 ng/ml



#39 AR-1262-4

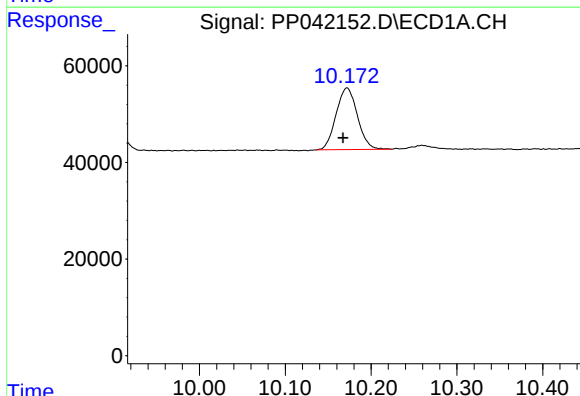
R.T.: 9.514 min
Delta R.T.: 0.000 min
Response: 144225
Conc: 341.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



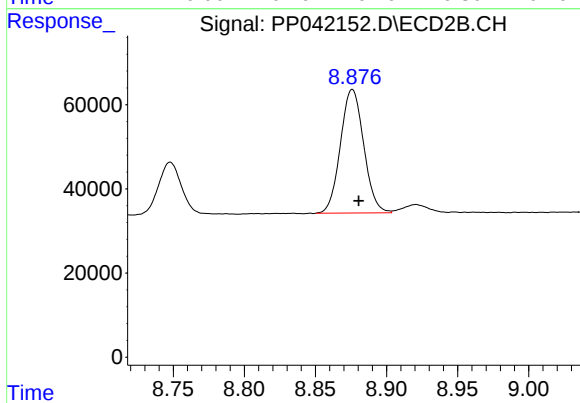
#39 AR-1262-4

R.T.: 8.376 min
Delta R.T.: -0.005 min
Response: 867983
Conc: 466.74 ng/ml



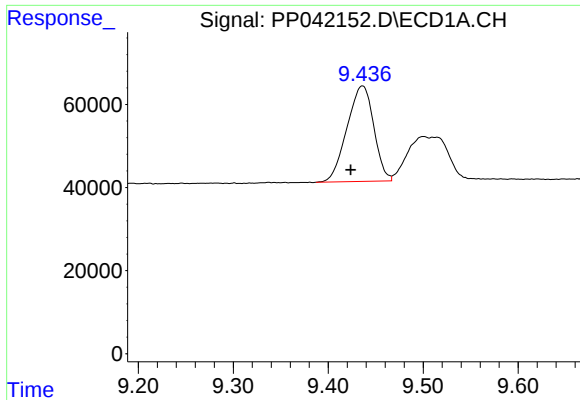
#40 AR-1262-5

R.T.: 10.172 min
Delta R.T.: 0.005 min
Response: 220715
Conc: 479.26 ng/ml



#40 AR-1262-5

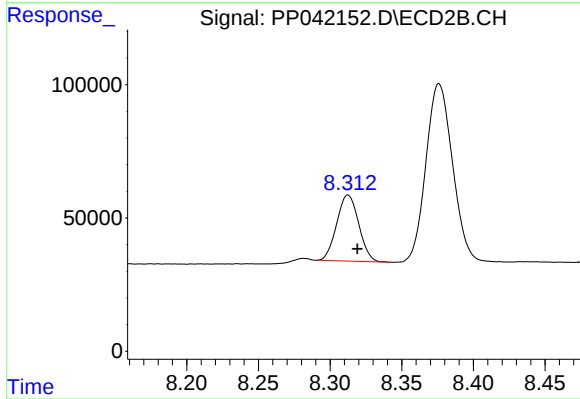
R.T.: 8.876 min
Delta R.T.: -0.005 min
Response: 334595
Conc: 385.27 ng/ml



#41 AR-1268-1

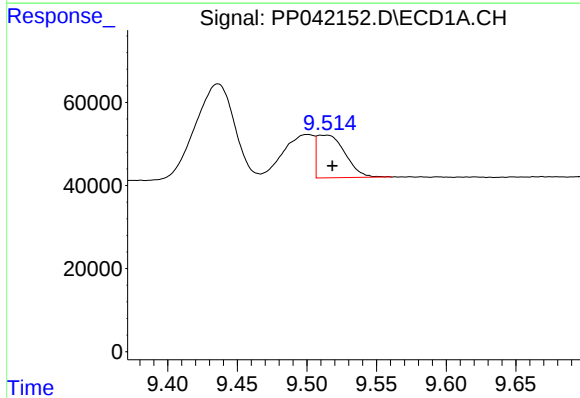
R.T.: 9.436 min
Delta R.T.: 0.012 min
Response: 450367
Conc: 290.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



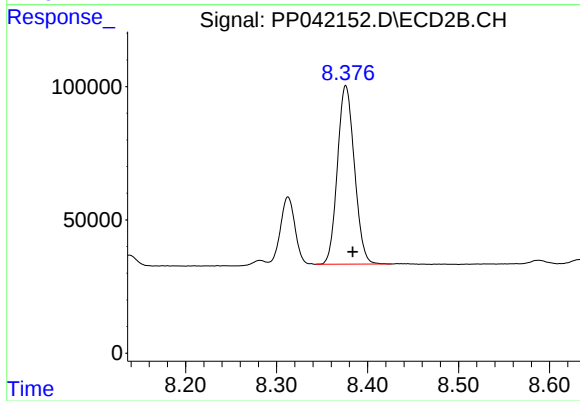
#41 AR-1268-1

R.T.: 8.313 min
Delta R.T.: -0.007 min
Response: 265873
Conc: 97.84 ng/ml



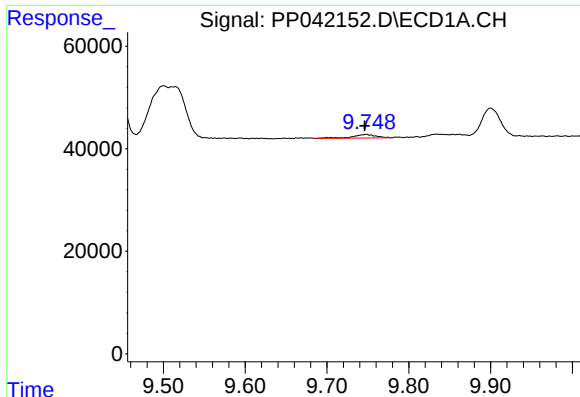
#42 AR-1268-2

R.T.: 9.514 min
Delta R.T.: -0.004 min
Response: 144225
Conc: 100.61 ng/ml



#42 AR-1268-2

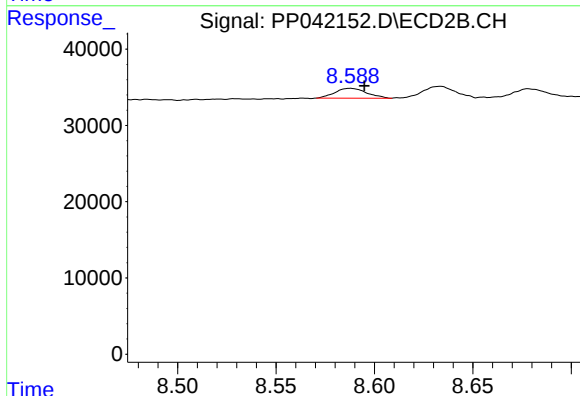
R.T.: 8.376 min
Delta R.T.: -0.008 min
Response: 867983
Conc: 332.61 ng/ml



#43 AR-1268-3

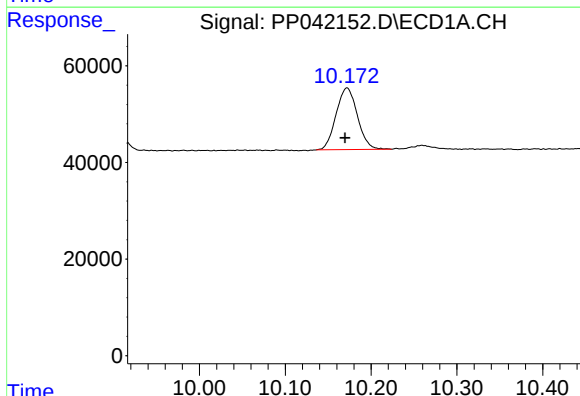
R.T.: 9.748 min
Delta R.T.: 0.002 min
Response: 14289
Conc: 11.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



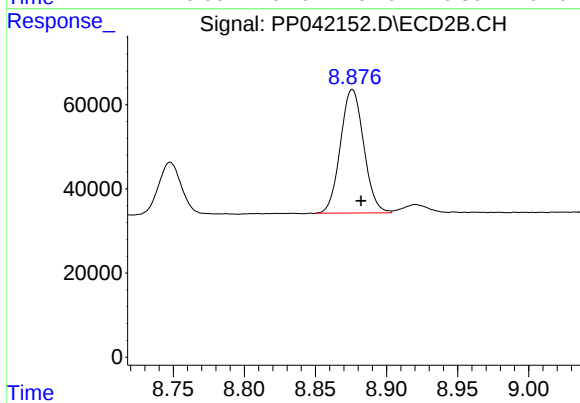
#43 AR-1268-3

R.T.: 8.588 min
Delta R.T.: -0.007 min
Response: 14654
Conc: 6.66 ng/ml



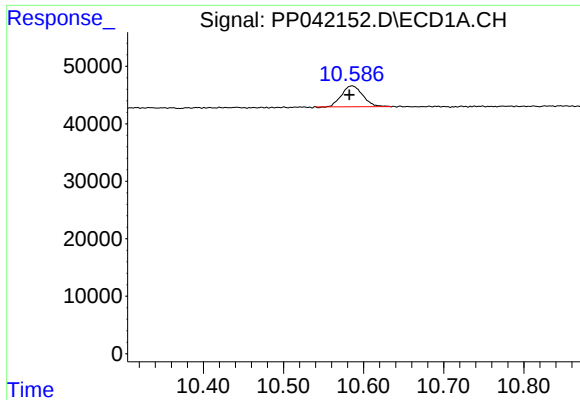
#44 AR-1268-4

R.T.: 10.172 min
Delta R.T.: 0.002 min
Response: 220715
Conc: 422.24 ng/ml



#44 AR-1268-4

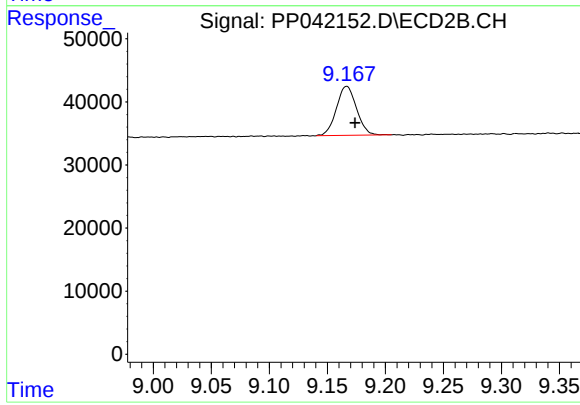
R.T.: 8.876 min
Delta R.T.: -0.006 min
Response: 334595
Conc: 349.07 ng/ml



#45 AR-1268-5

R.T.: 10.586 min
Delta R.T.: 0.003 min
Response: 66990
Conc: 16.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.167 min
Delta R.T.: -0.007 min
Response: 93921
Conc: 13.98 ng/ml