

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021921\
 Data File : PP033437.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Feb 2021 10:41
 Operator : DD\AJ
 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: Feb 19 13:38:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 09 04:00:57 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...	4.724	3.997	3368896	2116375	54.938	51.755
2)	SA Decachlor...	10.539	9.256	2392473	1800324	54.922	53.741
Target Compounds							
3)	L1 AR-1016-1	6.023	5.240	915380	598507	558.480	545.322
4)	L1 AR-1016-2	6.045	5.260	1375890	882361	549.435	540.680
5)	L1 AR-1016-3	6.111	5.451	820948	485108	517.666	544.217
6)	L1 AR-1016-4	6.216	5.501	696290	371578	525.355	515.976
7)	L1 AR-1016-5	6.529	5.730	400297	427786	305.212	454.578 #
8)	L2 AR-1221-1	4.965	4.248	99874	60365	161.894	144.874
9)	L2 AR-1221-2	5.066	4.349	161738	88388	347.672	279.700
10)	L2 AR-1221-3	5.151	4.436	530904	335212	376.380	340.394
11)	L3 AR-1232-1	5.151	4.436	530904	335212	457.841	422.987
12)	L3 AR-1232-2	5.731	5.260	686244	882361	1074.840	1193.492
13)	L3 AR-1232-3	6.045	5.451	1375890	485108	1254.165	1223.094
14)	L3 AR-1232-4	6.216	5.545	696290	456763	1213.118	1302.988
15)	L3 AR-1232-5	6.315	5.730	525891	427786	1439.158	1125.609
16)	L4 AR-1242-1	6.023	5.240	915380	598507	704.190	691.493
17)	L4 AR-1242-2	6.045	5.260	1375890	882361	698.314	687.536
18)	L4 AR-1242-3	6.111	5.451	820948	485108	647.729	690.144
19)	L4 AR-1242-4	6.216	5.545	696290	456763	634.352	655.785
20)	L4 AR-1242-5	6.993	6.106	111404	351453	107.227	416.230 #
21)	L5 AR-1248-1	6.023	5.240	915380	598507	956.048	920.302
22)	L5 AR-1248-2	6.315	5.501	525891	371578	396.878	387.319
23)	L5 AR-1248-3	6.529	5.545	400297	456763	247.207	449.235 #
24)	L5 AR-1248-4	6.953	5.730	127034	427786	73.829	345.190 #
25)	L5 AR-1248-5	6.993	6.150	111404	55062	64.025	48.756
26)	L6 AR-1254-1	6.925	6.106	374746	351453	199.596	183.896
27)	L6 AR-1254-2	0.000	6.265	0	310650	N.D.	189.464 #
28)	L6 AR-1254-3	7.531	6.701	394940	641454	130.030	238.664 #
29)	L6 AR-1254-4	7.823	6.923	315934	82698	136.575	55.387 #
30)	L6 AR-1254-5	8.249	7.348	1723514	1160698	712.260	479.354 #
31)	L7 AR-1260-1	7.697	6.818	1249511	855321	570.725	498.664
32)	L7 AR-1260-2	7.961	7.015	1679959	1077025	574.807	533.020
33)	L7 AR-1260-3	8.325	7.169	1403491	1020941	548.371	514.636
34)	L7 AR-1260-4	8.554	7.649	1277812	857614	523.038	509.787
35)	L7 AR-1260-5	8.867	7.898	2994482	2037172	556.288	529.448
36)	L8 AR-1262-1	8.325	7.348	1403491	1160698	369.174	931.954 #
37)	L8 AR-1262-2	8.867	7.898	2994482	2037172	478.282	463.250
38)	L8 AR-1262-3	9.176	8.181	1657056	494743	404.217	262.635 #
39)	L8 AR-1262-4	9.227f	8.245	189757	1553066	60.865	455.224 #
40)	L8 AR-1262-5	9.858	8.743	835300	585062	405.860	379.614
41)	L9 AR-1268-1	9.176	8.181	1657056	494743	220.012	95.628 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021921\
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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

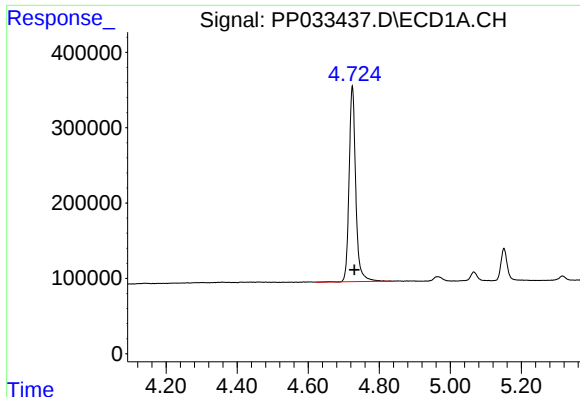
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 13:38:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP020821.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	9.227f	8.245	189757	1553066	29.393	315.757 #
43) L9	AR-1268-3	9.456	8.449	47261	36642	7.700	8.382
44) L9	AR-1268-4	9.858	8.743	835300	585062	384.808	352.108
45) L9	AR-1268-5	10.236	9.020	209739	169557	12.812	13.262

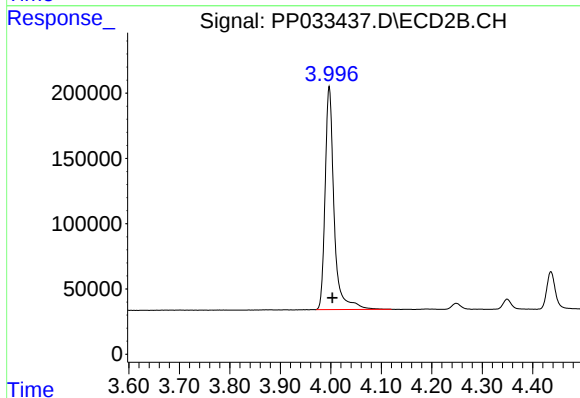
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

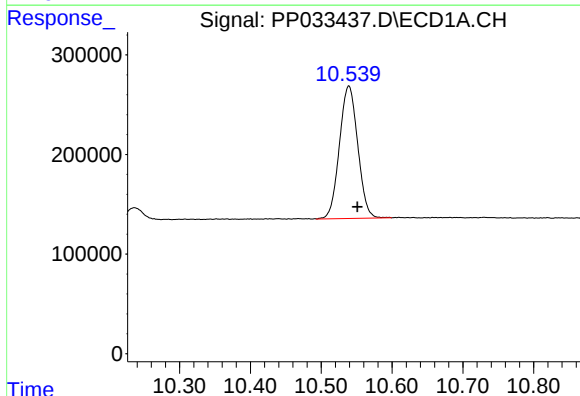
R.T.: 4.724 min
Delta R.T.: -0.006 min
Response: 3368896
Conc: 54.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



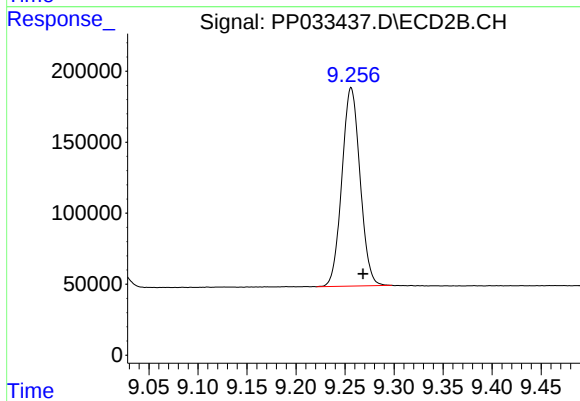
#1 Tetrachloro-m-xylene

R.T.: 3.997 min
Delta R.T.: -0.006 min
Response: 2116375
Conc: 51.76 ng/ml



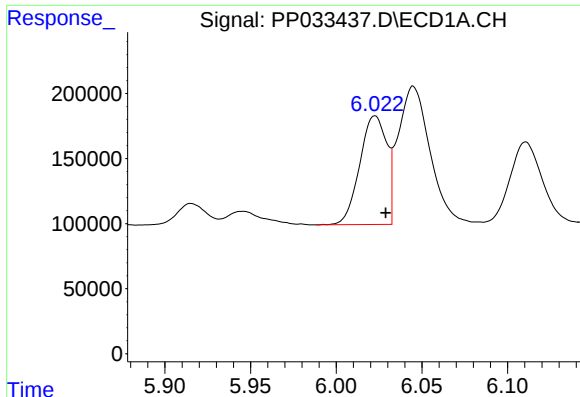
#2 Decachlorobiphenyl

R.T.: 10.539 min
Delta R.T.: -0.012 min
Response: 2392473
Conc: 54.92 ng/ml



#2 Decachlorobiphenyl

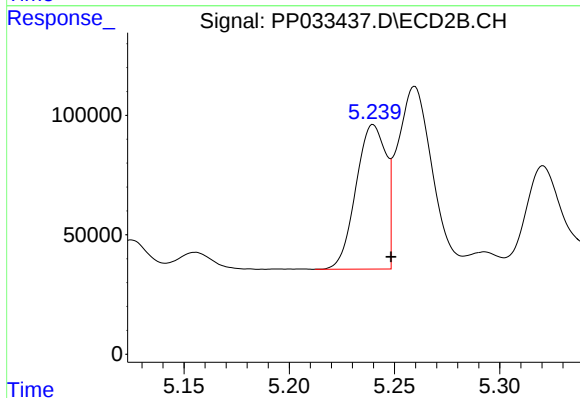
R.T.: 9.256 min
Delta R.T.: -0.012 min
Response: 1800324
Conc: 53.74 ng/ml



#3 AR-1016-1

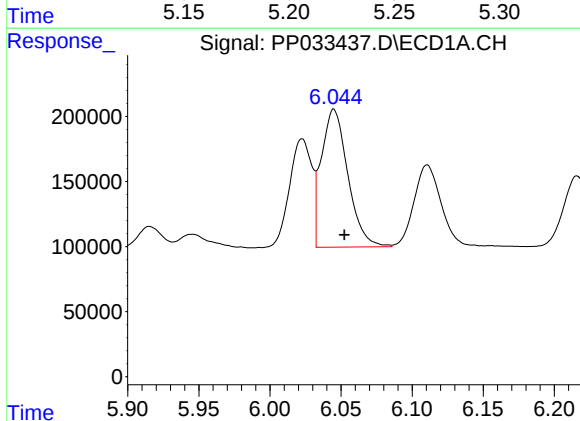
R.T.: 6.023 min
Delta R.T.: -0.006 min
Response: 915380
Conc: 558.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



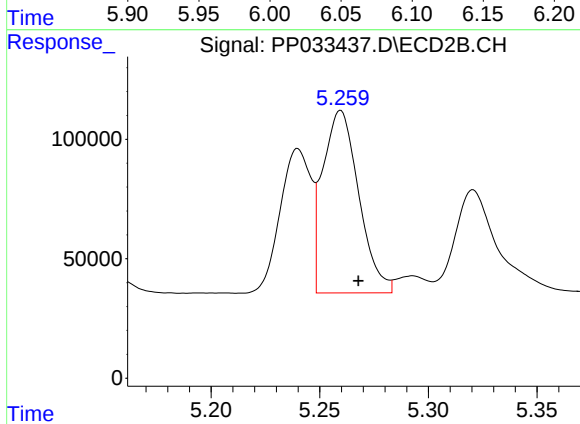
#3 AR-1016-1

R.T.: 5.240 min
Delta R.T.: -0.008 min
Response: 598507
Conc: 545.32 ng/ml



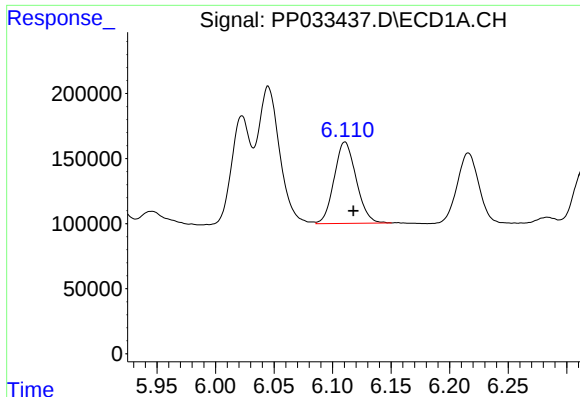
#4 AR-1016-2

R.T.: 6.045 min
Delta R.T.: -0.007 min
Response: 1375890
Conc: 549.44 ng/ml



#4 AR-1016-2

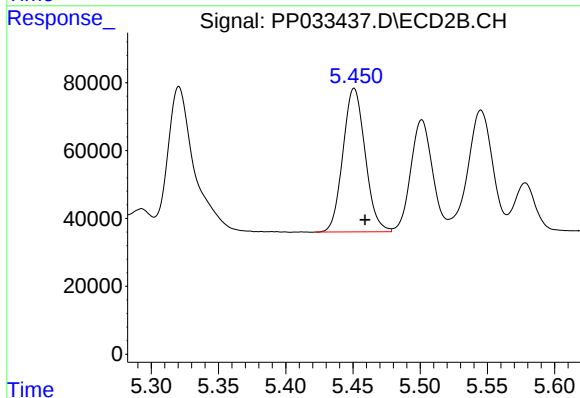
R.T.: 5.260 min
Delta R.T.: -0.008 min
Response: 882361
Conc: 540.68 ng/ml



#5 AR-1016-3

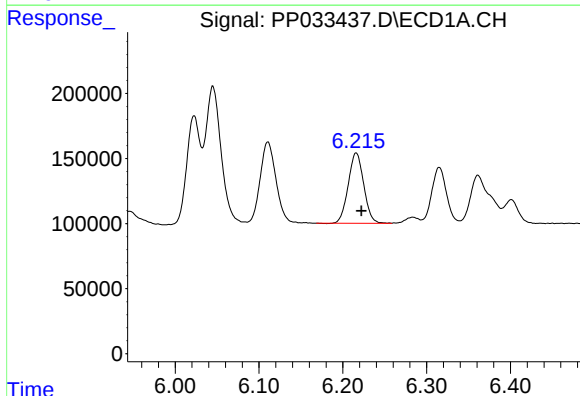
R.T.: 6.111 min
Delta R.T.: -0.007 min
Response: 820948
Conc: 517.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



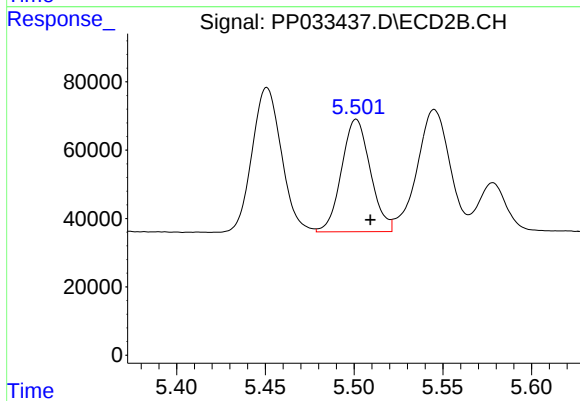
#5 AR-1016-3

R.T.: 5.451 min
Delta R.T.: -0.008 min
Response: 485108
Conc: 544.22 ng/ml



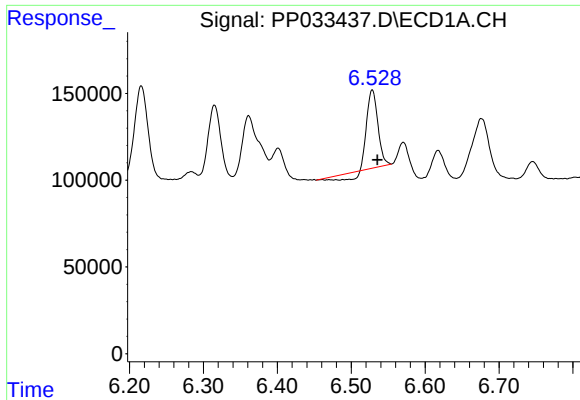
#6 AR-1016-4

R.T.: 6.216 min
Delta R.T.: -0.006 min
Response: 696290
Conc: 525.36 ng/ml



#6 AR-1016-4

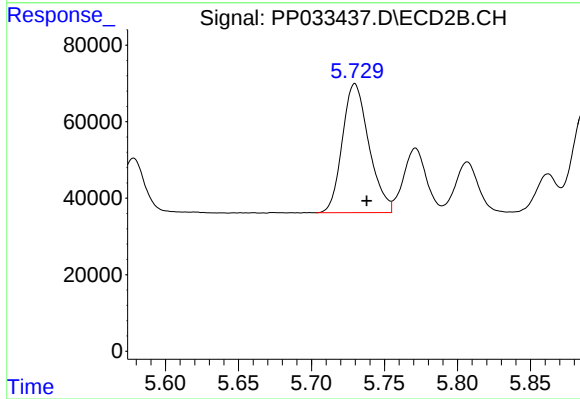
R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 371578
Conc: 515.98 ng/ml



#7 AR-1016-5

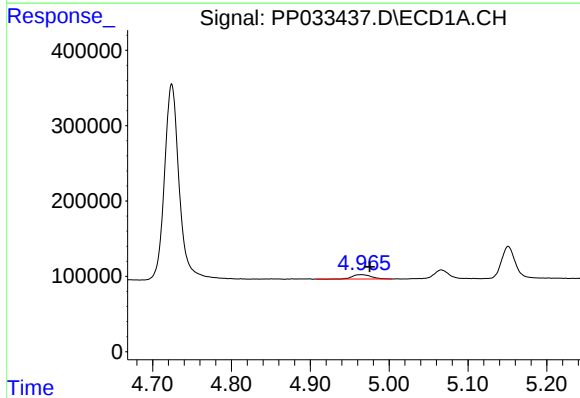
R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 400297
Conc: 305.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



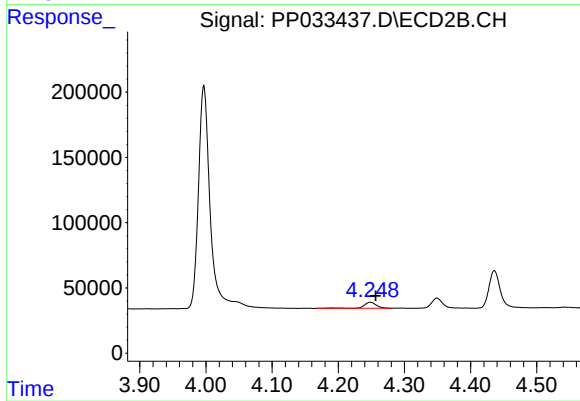
#7 AR-1016-5

R.T.: 5.730 min
Delta R.T.: -0.008 min
Response: 427786
Conc: 454.58 ng/ml



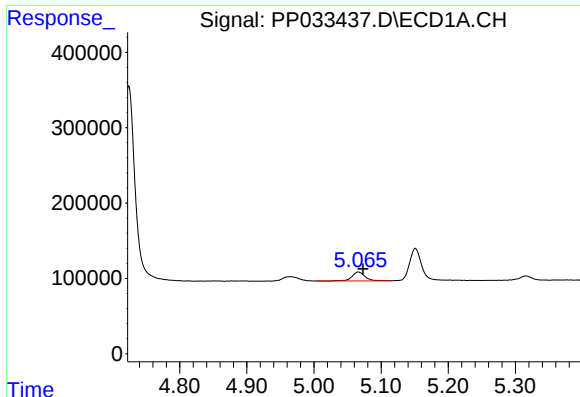
#8 AR-1221-1

R.T.: 4.965 min
Delta R.T.: -0.010 min
Response: 99874
Conc: 161.89 ng/ml



#8 AR-1221-1

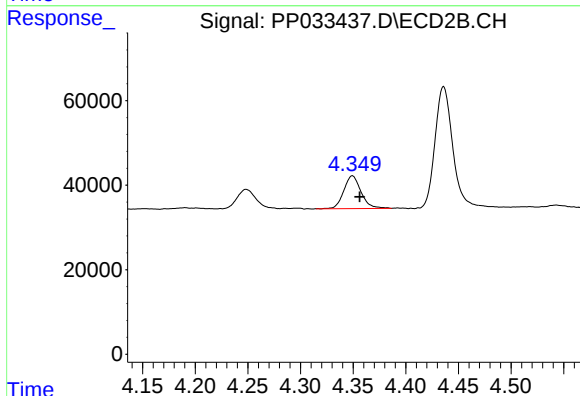
R.T.: 4.248 min
Delta R.T.: -0.008 min
Response: 60365
Conc: 144.87 ng/ml



#9 AR-1221-2

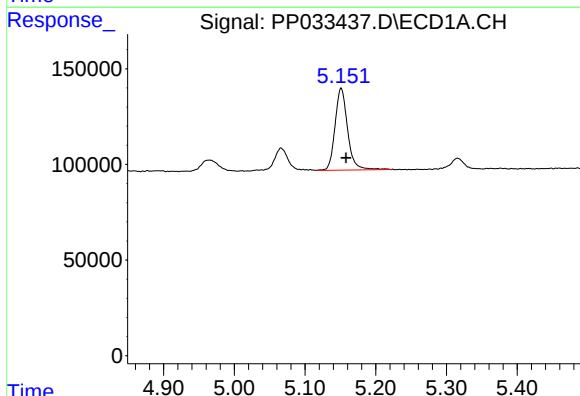
R.T.: 5.066 min
Delta R.T.: -0.007 min
Response: 161738
Conc: 347.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



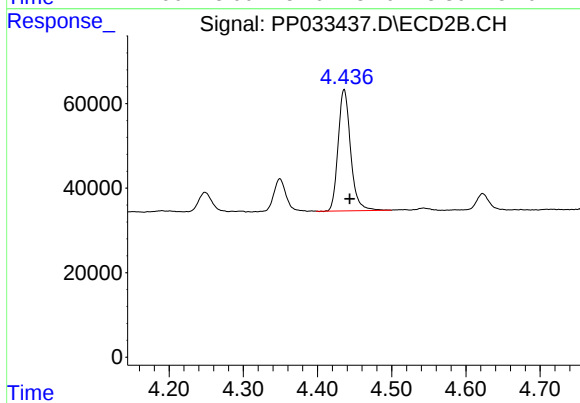
#9 AR-1221-2

R.T.: 4.349 min
Delta R.T.: -0.007 min
Response: 88388
Conc: 279.70 ng/ml



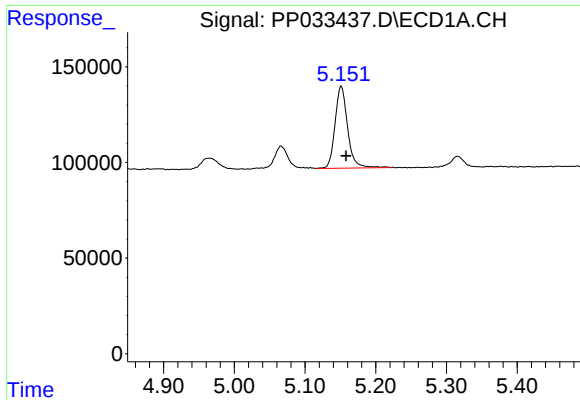
#10 AR-1221-3

R.T.: 5.151 min
Delta R.T.: -0.007 min
Response: 530904
Conc: 376.38 ng/ml



#10 AR-1221-3

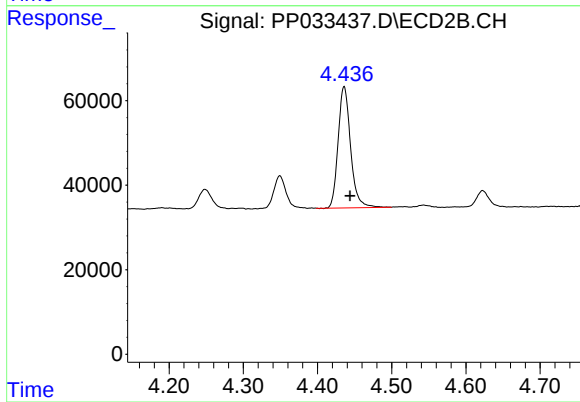
R.T.: 4.436 min
Delta R.T.: -0.008 min
Response: 335212
Conc: 340.39 ng/ml



#11 AR-1232-1

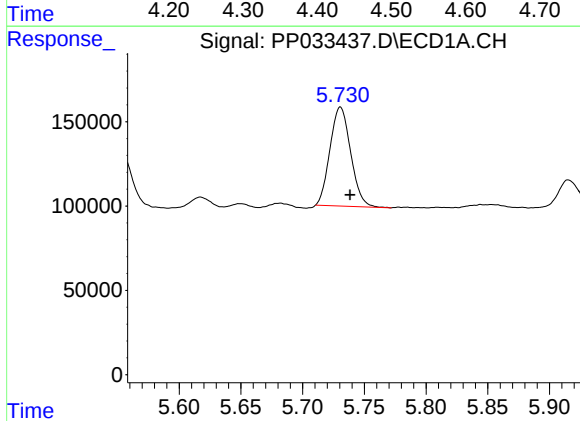
R.T.: 5.151 min
Delta R.T.: -0.007 min
Response: 530904
Conc: 457.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



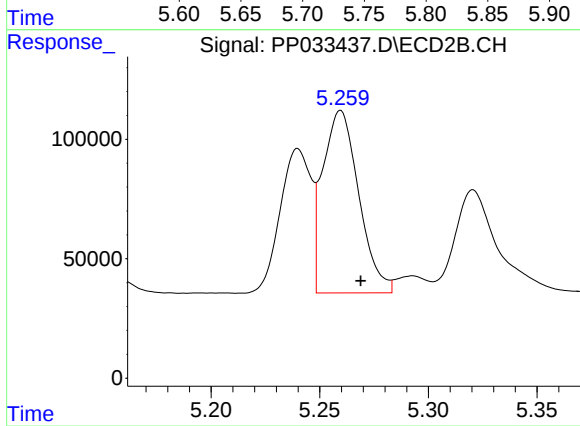
#11 AR-1232-1

R.T.: 4.436 min
Delta R.T.: -0.008 min
Response: 335212
Conc: 422.99 ng/ml



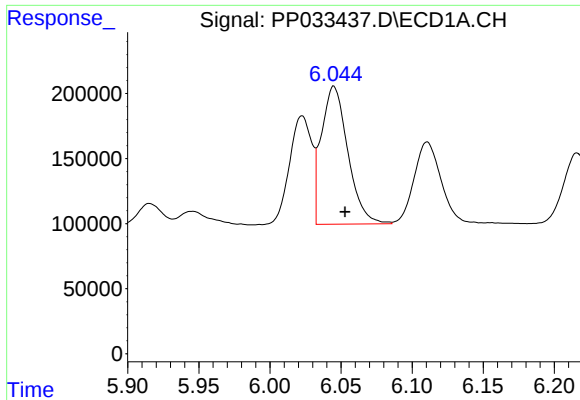
#12 AR-1232-2

R.T.: 5.731 min
Delta R.T.: -0.008 min
Response: 686244
Conc: 1074.84 ng/ml



#12 AR-1232-2

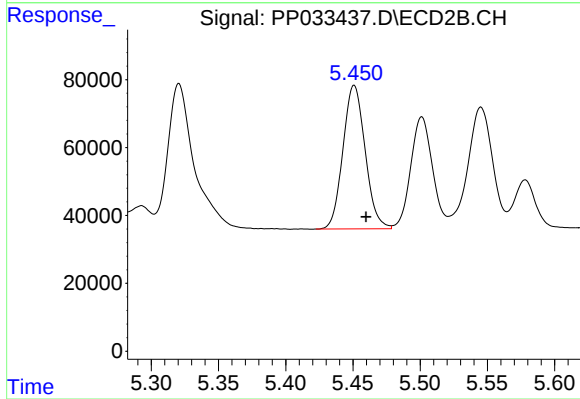
R.T.: 5.260 min
Delta R.T.: -0.009 min
Response: 882361
Conc: 1193.49 ng/ml



#13 AR-1232-3

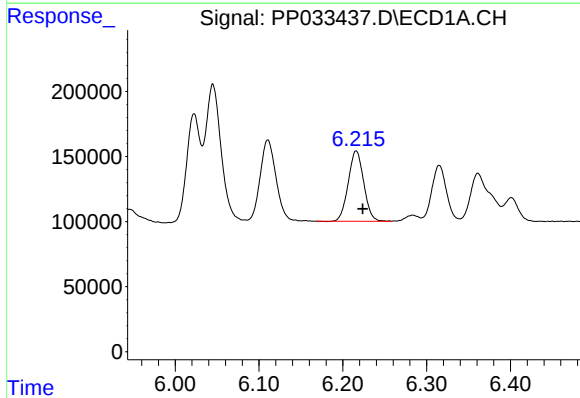
R.T.: 6.045 min
Delta R.T.: -0.008 min
Response: 1375890
Conc: 1254.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



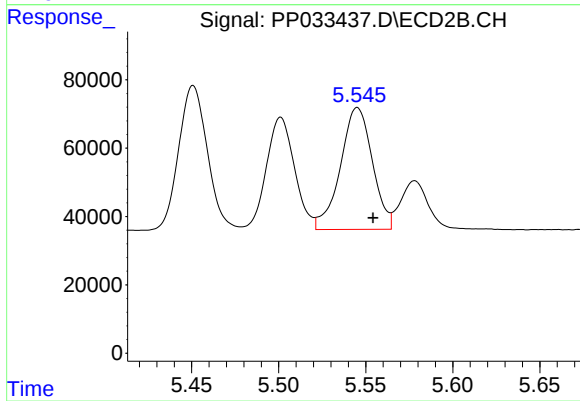
#13 AR-1232-3

R.T.: 5.451 min
Delta R.T.: -0.009 min
Response: 485108
Conc: 1223.09 ng/ml



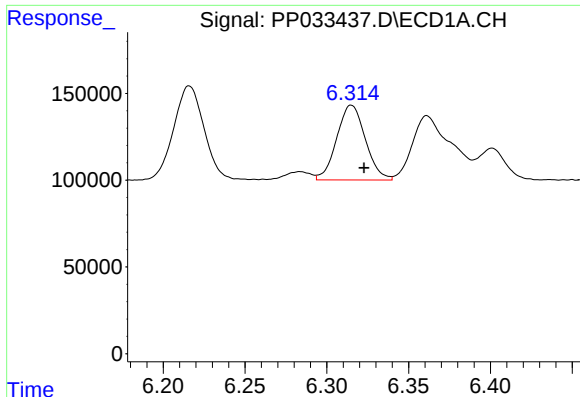
#14 AR-1232-4

R.T.: 6.216 min
Delta R.T.: -0.008 min
Response: 696290
Conc: 1213.12 ng/ml



#14 AR-1232-4

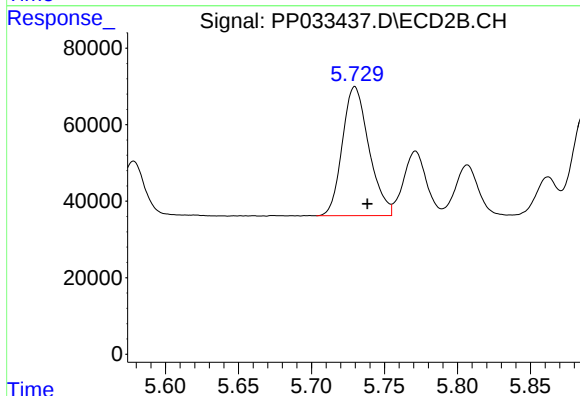
R.T.: 5.545 min
Delta R.T.: -0.009 min
Response: 456763
Conc: 1302.99 ng/ml



#15 AR-1232-5

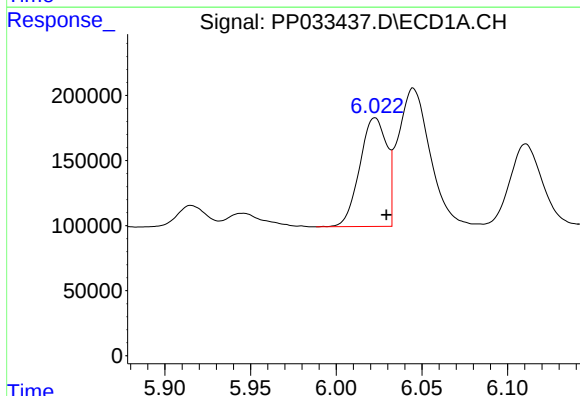
R.T.: 6.315 min
Delta R.T.: -0.008 min
Response: 525891
Conc: 1439.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



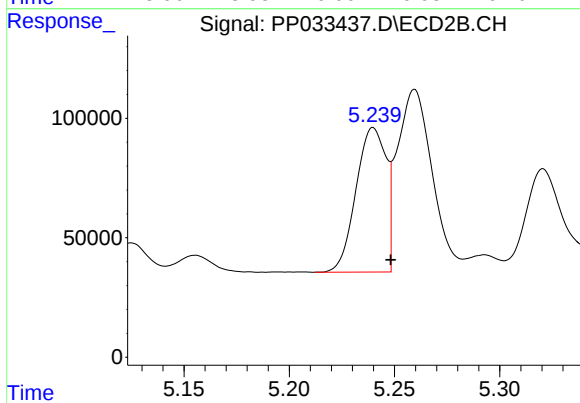
#15 AR-1232-5

R.T.: 5.730 min
Delta R.T.: -0.009 min
Response: 427786
Conc: 1125.61 ng/ml



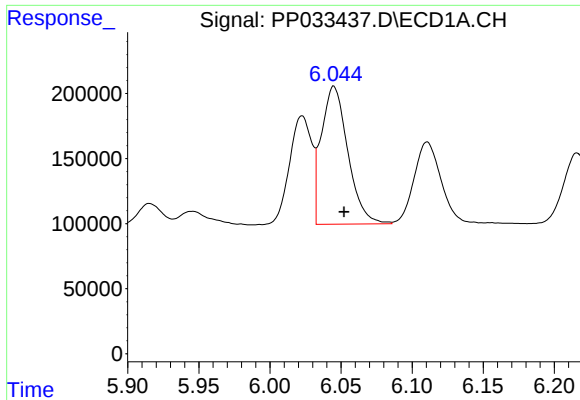
#16 AR-1242-1

R.T.: 6.023 min
Delta R.T.: -0.007 min
Response: 915380
Conc: 704.19 ng/ml



#16 AR-1242-1

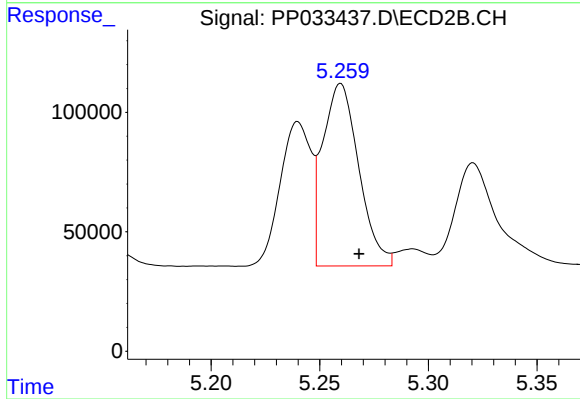
R.T.: 5.240 min
Delta R.T.: -0.008 min
Response: 598507
Conc: 691.49 ng/ml



#17 AR-1242-2

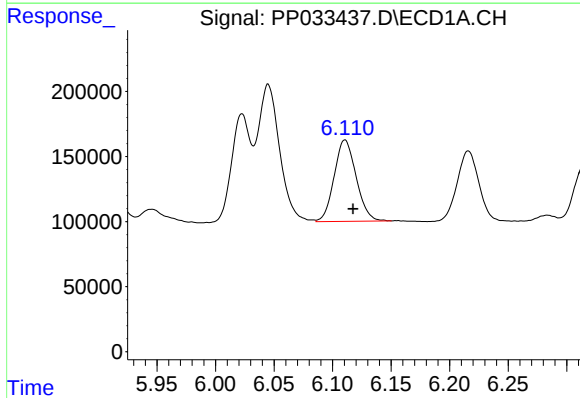
R.T.: 6.045 min
Delta R.T.: -0.007 min
Response: 1375890
Conc: 698.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



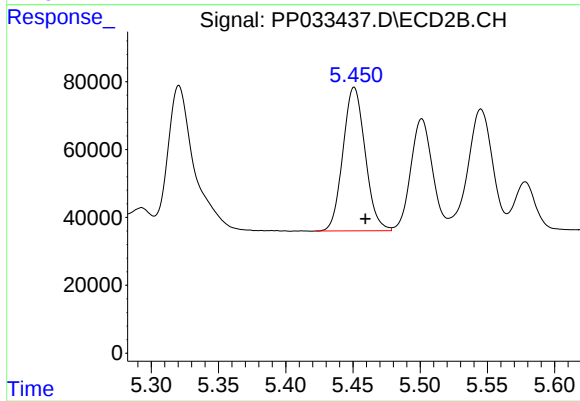
#17 AR-1242-2

R.T.: 5.260 min
Delta R.T.: -0.008 min
Response: 882361
Conc: 687.54 ng/ml



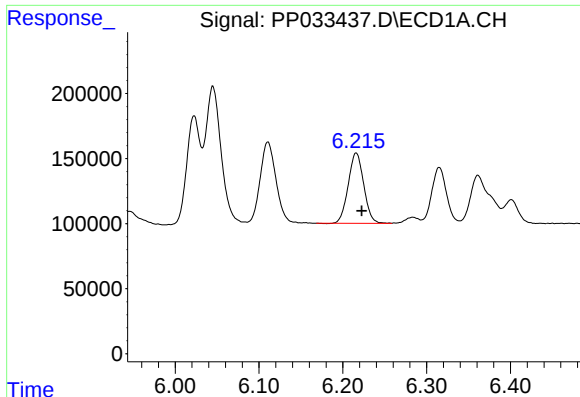
#18 AR-1242-3

R.T.: 6.111 min
Delta R.T.: -0.007 min
Response: 820948
Conc: 647.73 ng/ml



#18 AR-1242-3

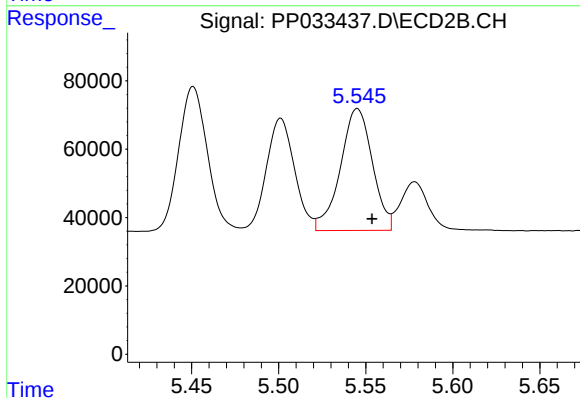
R.T.: 5.451 min
Delta R.T.: -0.008 min
Response: 485108
Conc: 690.14 ng/ml



#19 AR-1242-4

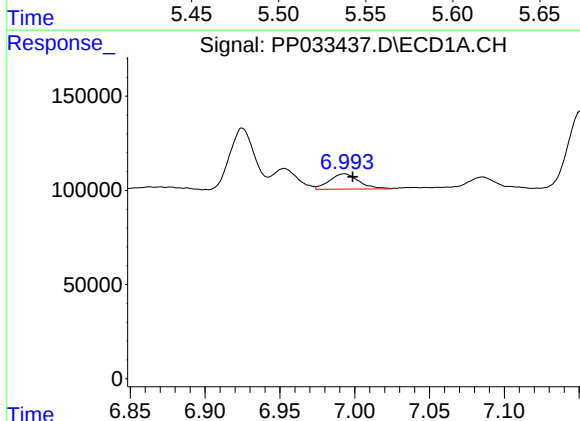
R.T.: 6.216 min
Delta R.T.: -0.006 min
Response: 696290
Conc: 634.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



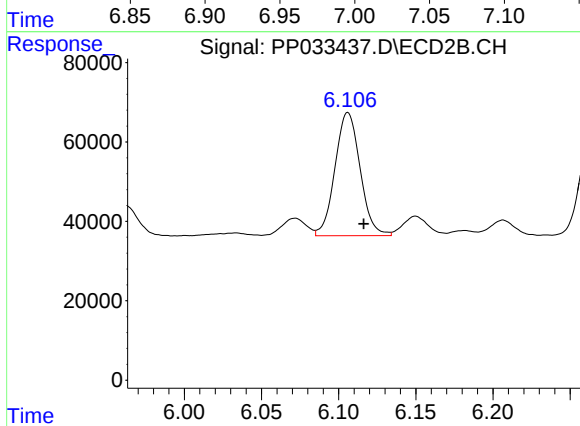
#19 AR-1242-4

R.T.: 5.545 min
Delta R.T.: -0.008 min
Response: 456763
Conc: 655.79 ng/ml



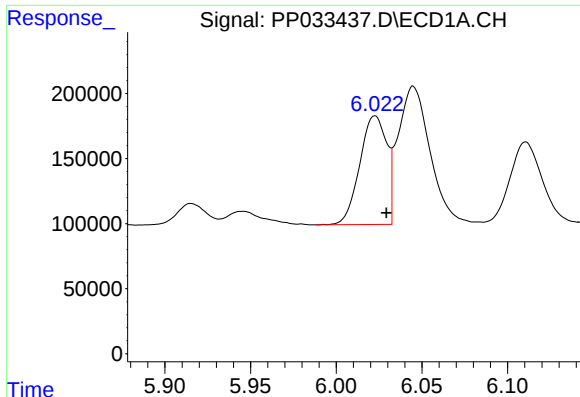
#20 AR-1242-5

R.T.: 6.993 min
Delta R.T.: -0.006 min
Response: 111404
Conc: 107.23 ng/ml



#20 AR-1242-5

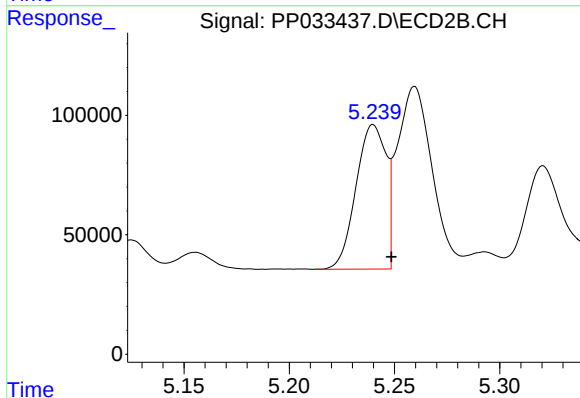
R.T.: 6.106 min
Delta R.T.: -0.010 min
Response: 351453
Conc: 416.23 ng/ml



#21 AR-1248-1

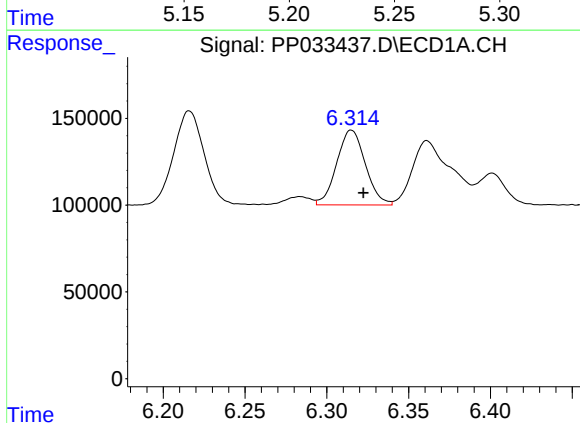
R.T.: 6.023 min
Delta R.T.: -0.007 min
Response: 915380
Conc: 956.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



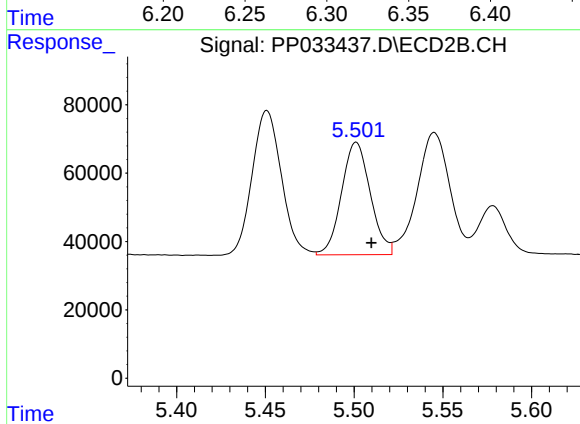
#21 AR-1248-1

R.T.: 5.240 min
Delta R.T.: -0.009 min
Response: 598507
Conc: 920.30 ng/ml



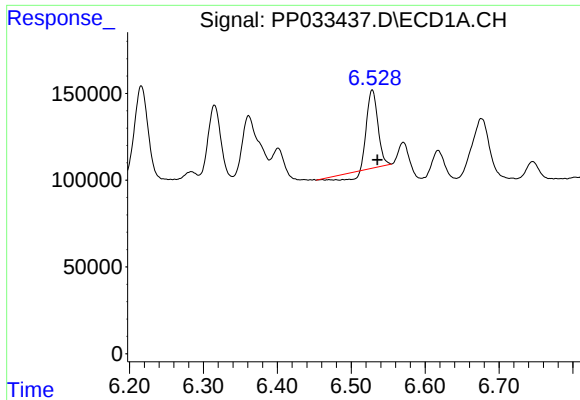
#22 AR-1248-2

R.T.: 6.315 min
Delta R.T.: -0.007 min
Response: 525891
Conc: 396.88 ng/ml



#22 AR-1248-2

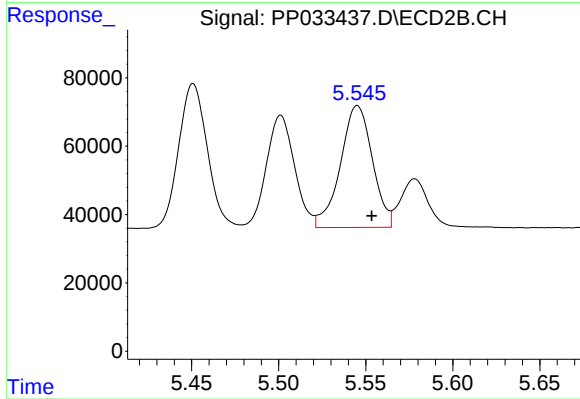
R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 371578
Conc: 387.32 ng/ml



#23 AR-1248-3

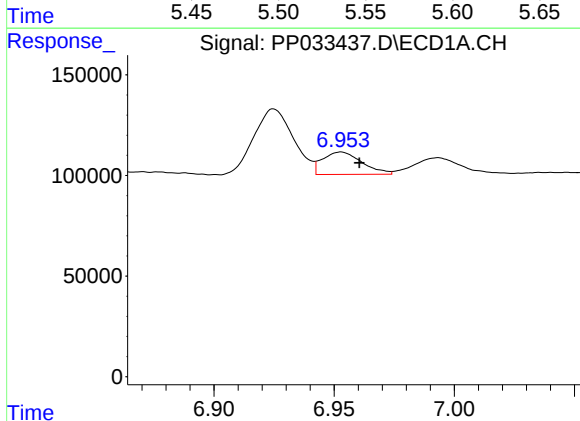
R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 400297
Conc: 247.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



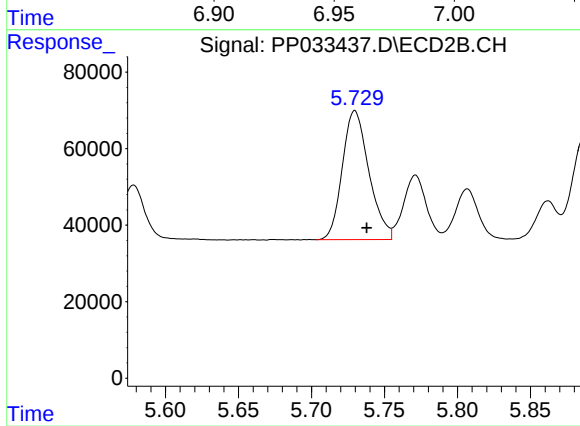
#23 AR-1248-3

R.T.: 5.545 min
Delta R.T.: -0.008 min
Response: 456763
Conc: 449.24 ng/ml



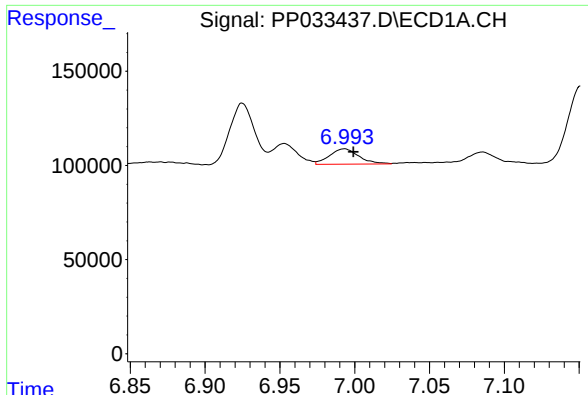
#24 AR-1248-4

R.T.: 6.953 min
Delta R.T.: -0.008 min
Response: 127034
Conc: 73.83 ng/ml



#24 AR-1248-4

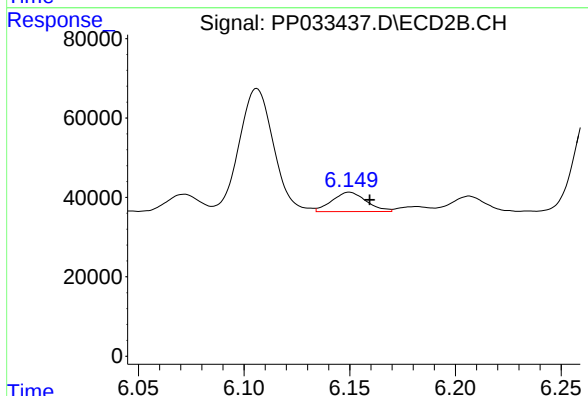
R.T.: 5.730 min
Delta R.T.: -0.008 min
Response: 427786
Conc: 345.19 ng/ml



#25 AR-1248-5

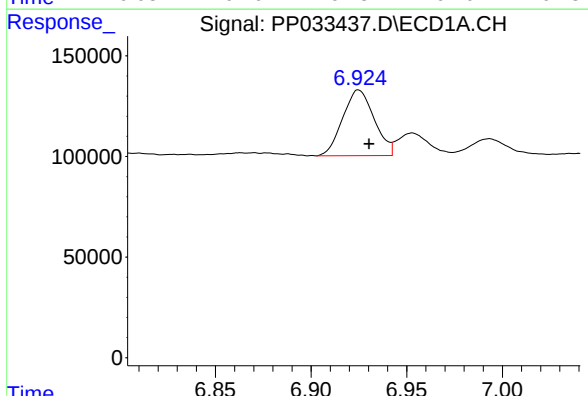
R.T.: 6.993 min
Delta R.T.: -0.006 min
Response: 111404
Conc: 64.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



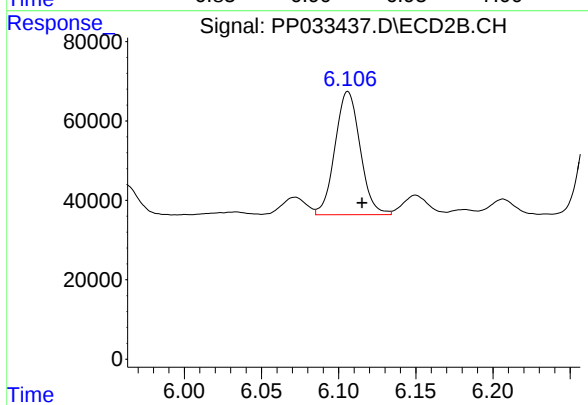
#25 AR-1248-5

R.T.: 6.150 min
Delta R.T.: -0.010 min
Response: 55062
Conc: 48.76 ng/ml



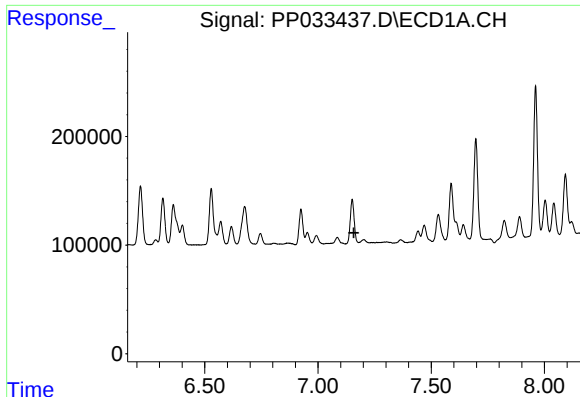
#26 AR-1254-1

R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 374746
Conc: 199.60 ng/ml



#26 AR-1254-1

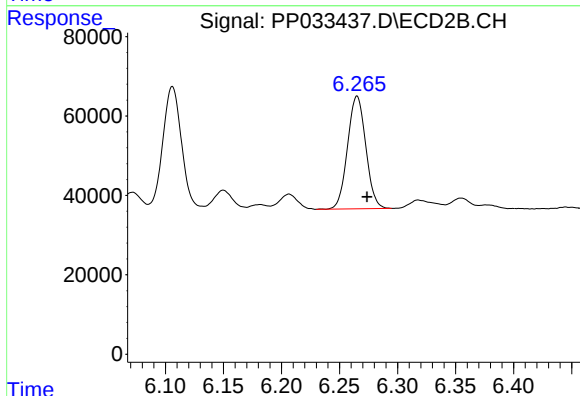
R.T.: 6.106 min
Delta R.T.: -0.009 min
Response: 351453
Conc: 183.90 ng/ml



#27 AR-1254-2

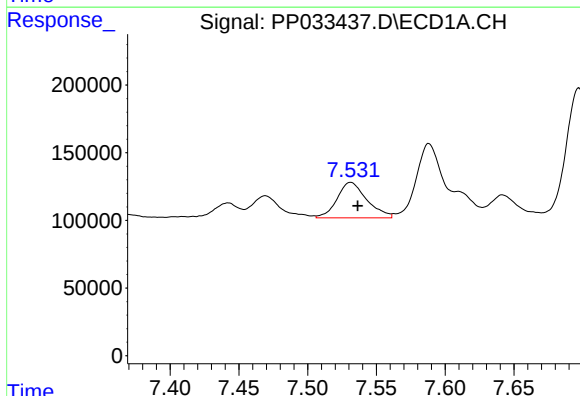
R.T.: 0.000 min
Exp R.T.: 7.158 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



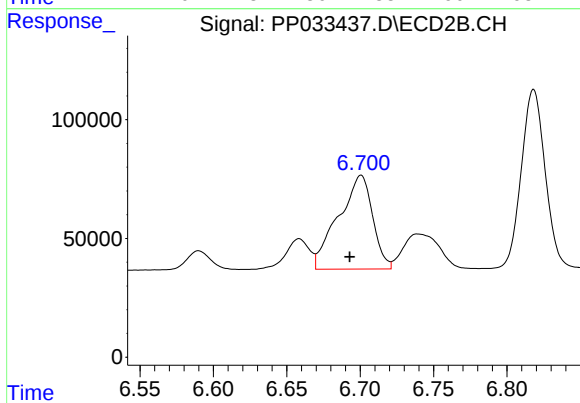
#27 AR-1254-2

R.T.: 6.265 min
Delta R.T.: -0.009 min
Response: 310650
Conc: 189.46 ng/ml



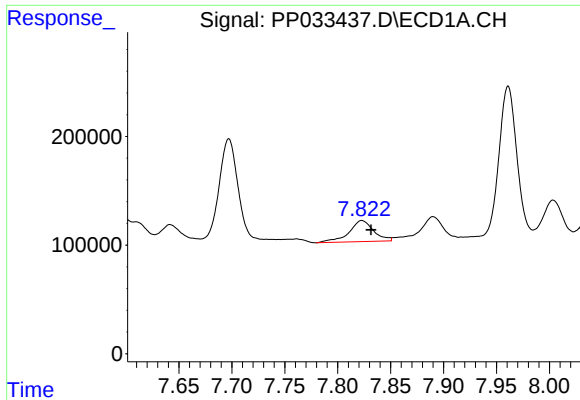
#28 AR-1254-3

R.T.: 7.531 min
Delta R.T.: -0.005 min
Response: 394940
Conc: 130.03 ng/ml



#28 AR-1254-3

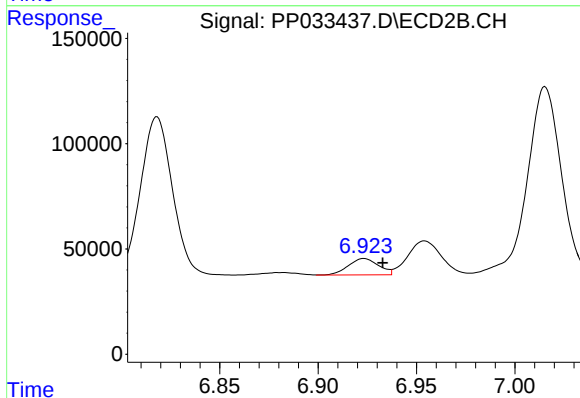
R.T.: 6.701 min
Delta R.T.: 0.008 min
Response: 641454
Conc: 238.66 ng/ml



#29 AR-1254-4

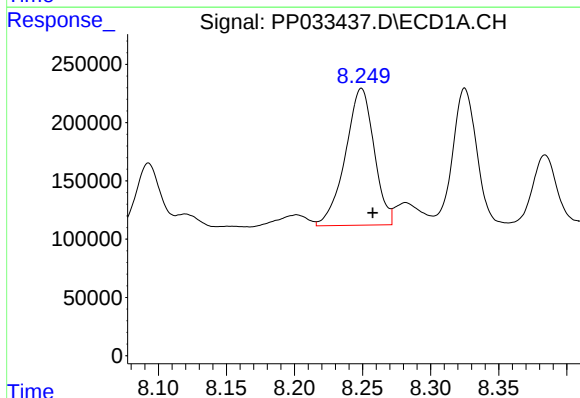
R.T.: 7.823 min
Delta R.T.: -0.009 min
Response: 315934
Conc: 136.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



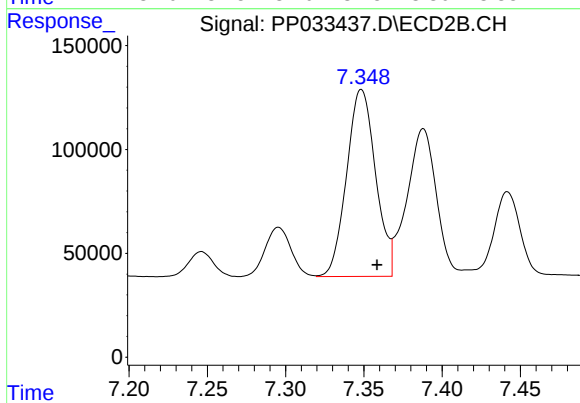
#29 AR-1254-4

R.T.: 6.923 min
Delta R.T.: -0.010 min
Response: 82698
Conc: 55.39 ng/ml



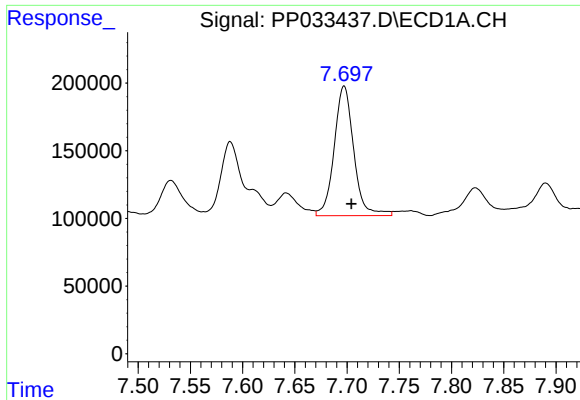
#30 AR-1254-5

R.T.: 8.249 min
Delta R.T.: -0.008 min
Response: 1723514
Conc: 712.26 ng/ml



#30 AR-1254-5

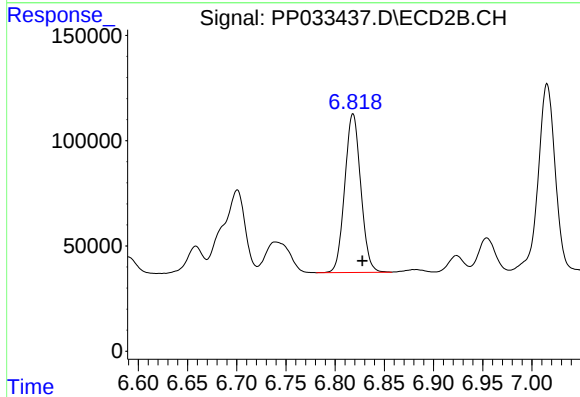
R.T.: 7.348 min
Delta R.T.: -0.010 min
Response: 1160698
Conc: 479.35 ng/ml



#31 AR-1260-1

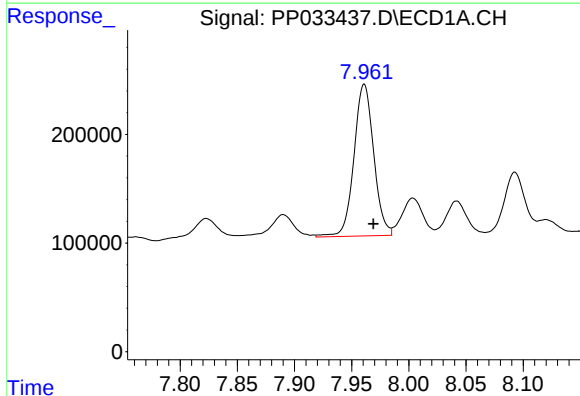
R.T.: 7.697 min
Delta R.T.: -0.007 min
Response: 1249511
Conc: 570.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



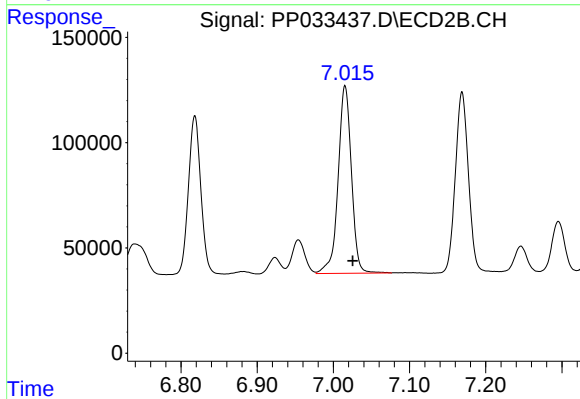
#31 AR-1260-1

R.T.: 6.818 min
Delta R.T.: -0.010 min
Response: 855321
Conc: 498.66 ng/ml



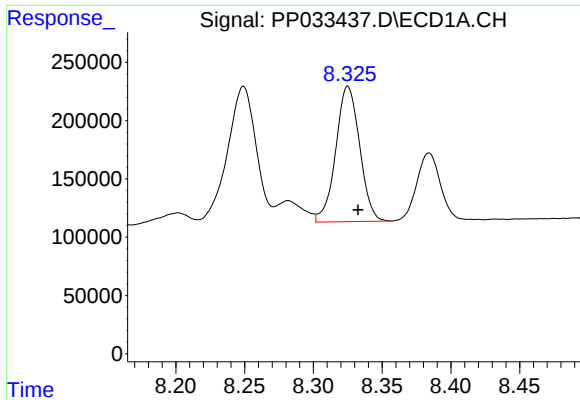
#32 AR-1260-2

R.T.: 7.961 min
Delta R.T.: -0.008 min
Response: 1679959
Conc: 574.81 ng/ml



#32 AR-1260-2

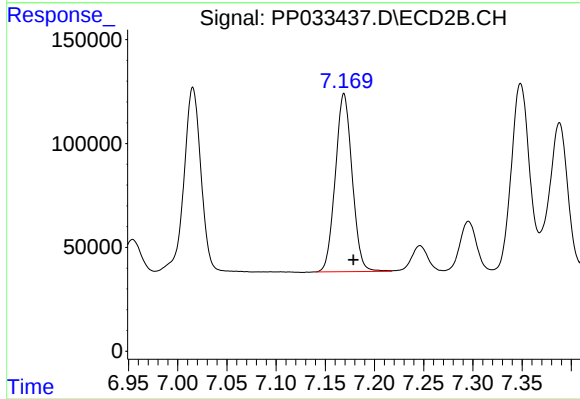
R.T.: 7.015 min
Delta R.T.: -0.010 min
Response: 1077025
Conc: 533.02 ng/ml



#33 AR-1260-3

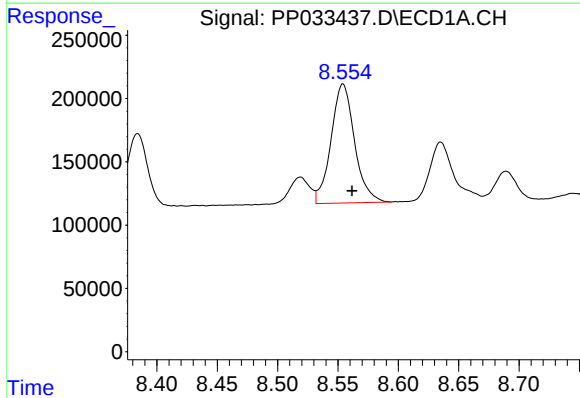
R.T.: 8.325 min
Delta R.T.: -0.007 min
Response: 1403491
Conc: 548.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



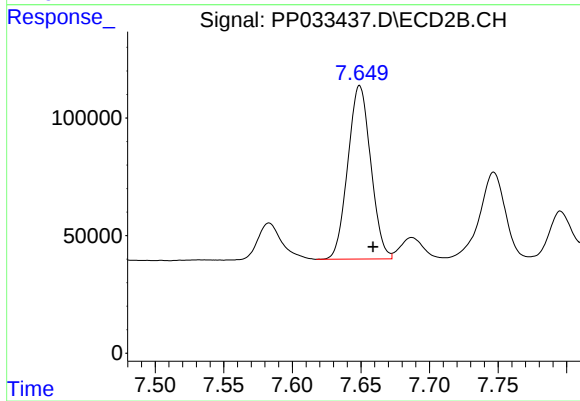
#33 AR-1260-3

R.T.: 7.169 min
Delta R.T.: -0.010 min
Response: 1020941
Conc: 514.64 ng/ml



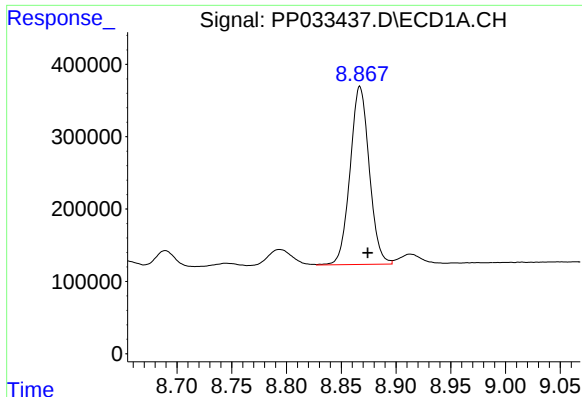
#34 AR-1260-4

R.T.: 8.554 min
Delta R.T.: -0.008 min
Response: 1277812
Conc: 523.04 ng/ml



#34 AR-1260-4

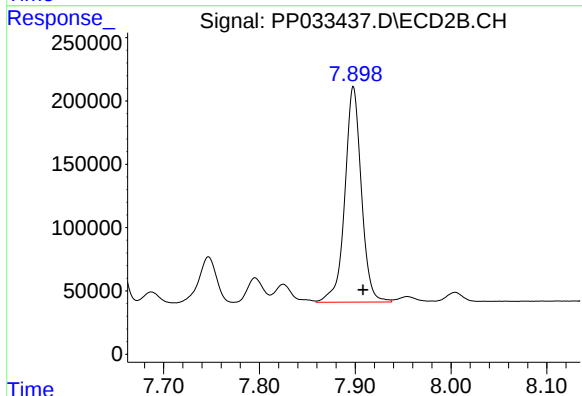
R.T.: 7.649 min
Delta R.T.: -0.010 min
Response: 857614
Conc: 509.79 ng/ml



#35 AR-1260-5

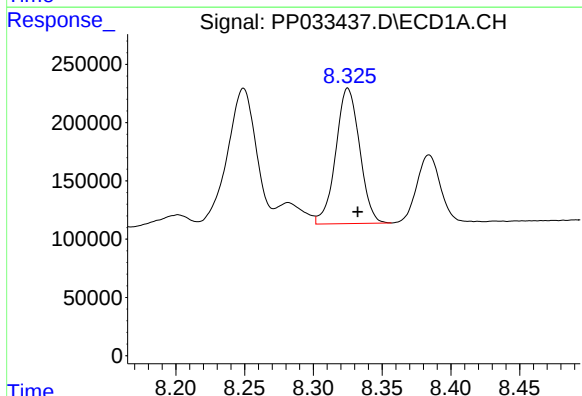
R.T.: 8.867 min
Delta R.T.: -0.007 min
Response: 2994482
Conc: 556.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



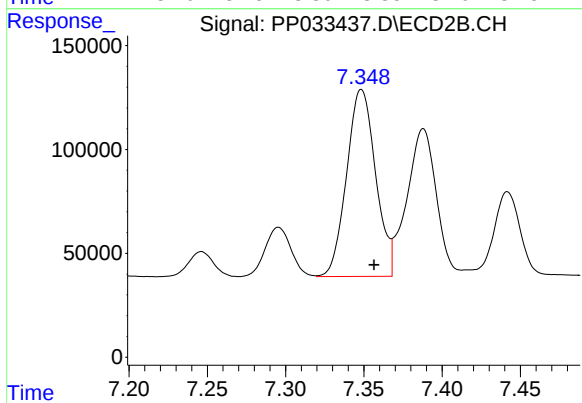
#35 AR-1260-5

R.T.: 7.898 min
Delta R.T.: -0.010 min
Response: 2037172
Conc: 529.45 ng/ml



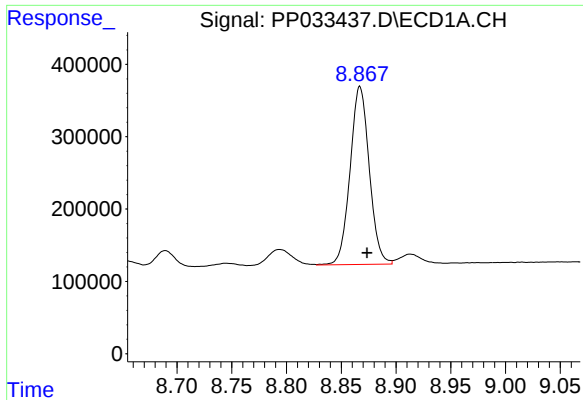
#36 AR-1262-1

R.T.: 8.325 min
Delta R.T.: -0.007 min
Response: 1403491
Conc: 369.17 ng/ml



#36 AR-1262-1

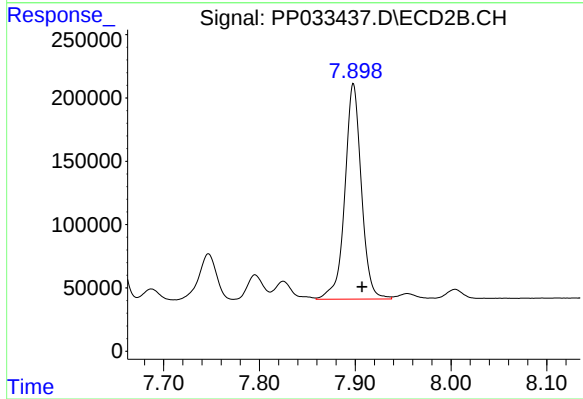
R.T.: 7.348 min
Delta R.T.: -0.008 min
Response: 1160698
Conc: 931.95 ng/ml



#37 AR-1262-2

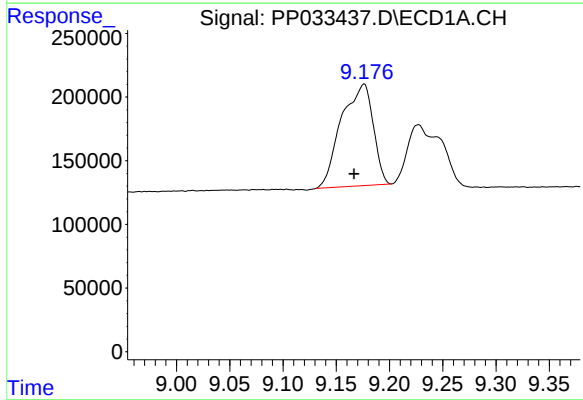
R.T.: 8.867 min
Delta R.T.: -0.006 min
Response: 2994482
Conc: 478.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



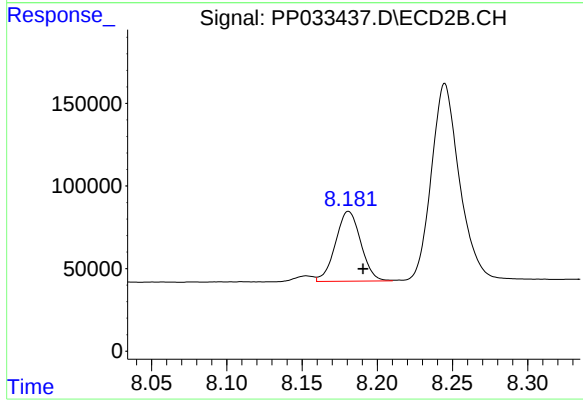
#37 AR-1262-2

R.T.: 7.898 min
Delta R.T.: -0.009 min
Response: 2037172
Conc: 463.25 ng/ml



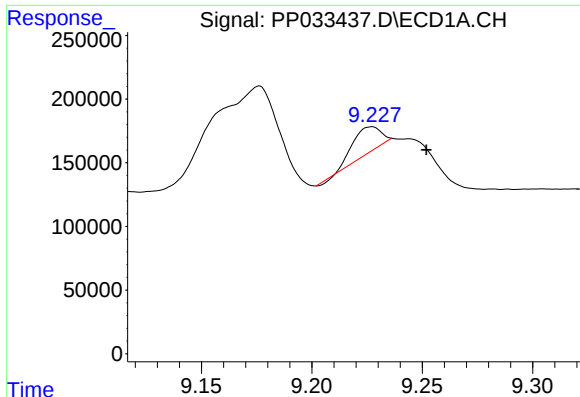
#38 AR-1262-3

R.T.: 9.176 min
Delta R.T.: 0.009 min
Response: 1657056
Conc: 404.22 ng/ml



#38 AR-1262-3

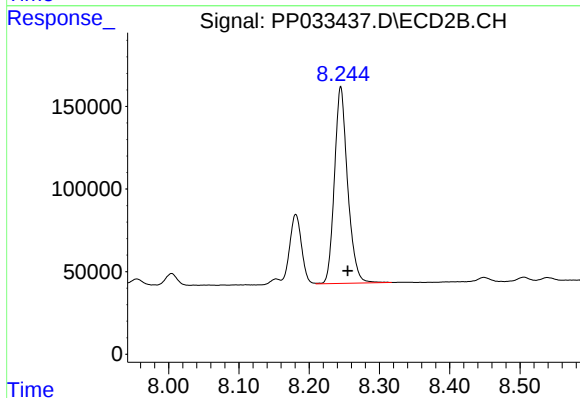
R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 494743
Conc: 262.64 ng/ml



#39 AR-1262-4

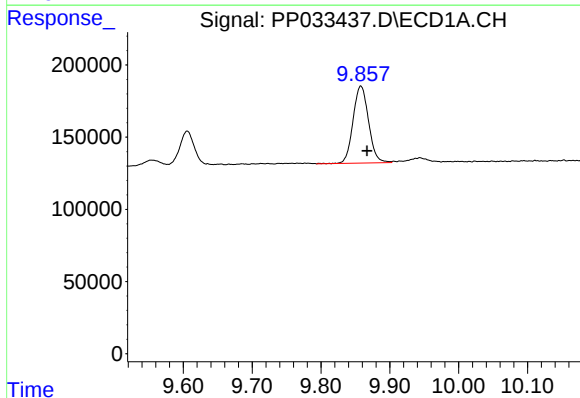
R.T.: 9.227 min
Delta R.T.: -0.025 min
Response: 189757
Conc: 60.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



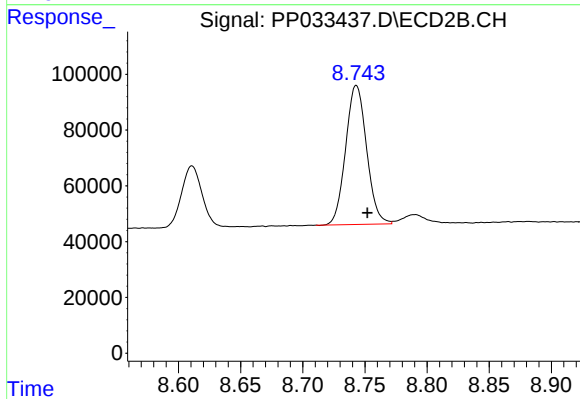
#39 AR-1262-4

R.T.: 8.245 min
Delta R.T.: -0.010 min
Response: 1553066
Conc: 455.22 ng/ml



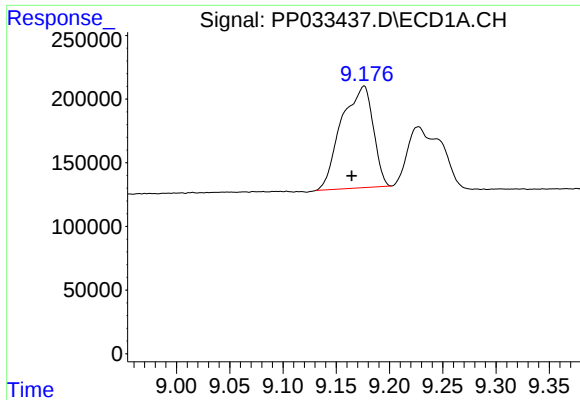
#40 AR-1262-5

R.T.: 9.858 min
Delta R.T.: -0.009 min
Response: 835300
Conc: 405.86 ng/ml



#40 AR-1262-5

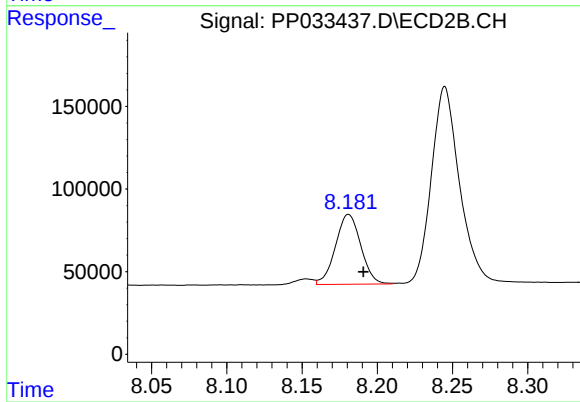
R.T.: 8.743 min
Delta R.T.: -0.009 min
Response: 585062
Conc: 379.61 ng/ml



#41 AR-1268-1

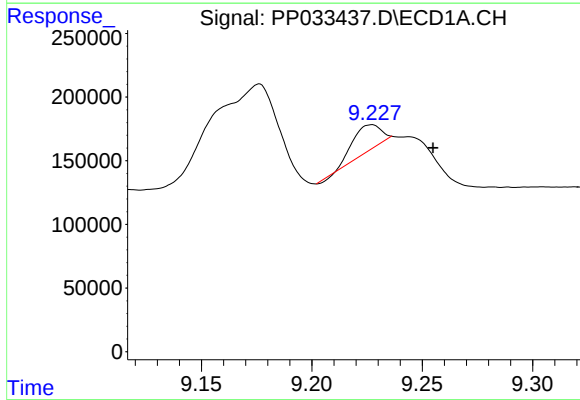
R.T.: 9.176 min
Delta R.T.: 0.011 min
Response: 1657056
Conc: 220.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



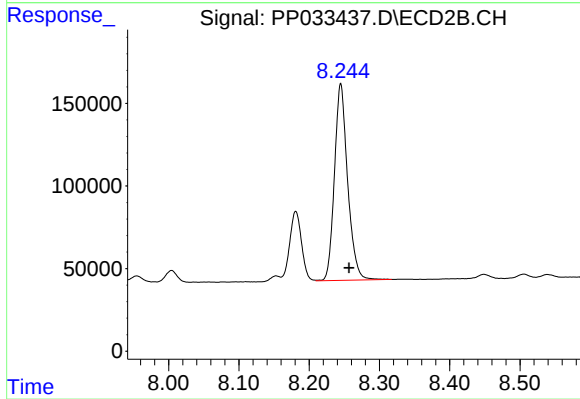
#41 AR-1268-1

R.T.: 8.181 min
Delta R.T.: -0.010 min
Response: 494743
Conc: 95.63 ng/ml



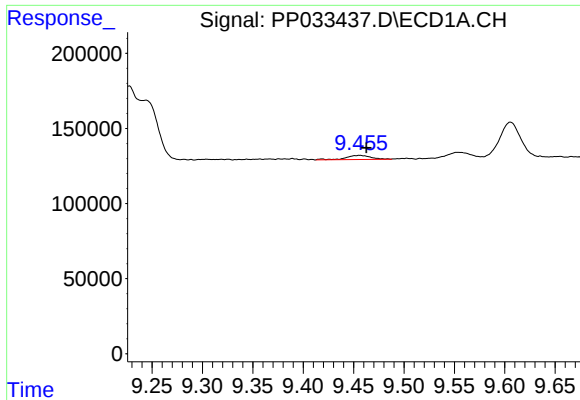
#42 AR-1268-2

R.T.: 9.227 min
Delta R.T.: -0.028 min
Response: 189757
Conc: 29.39 ng/ml



#42 AR-1268-2

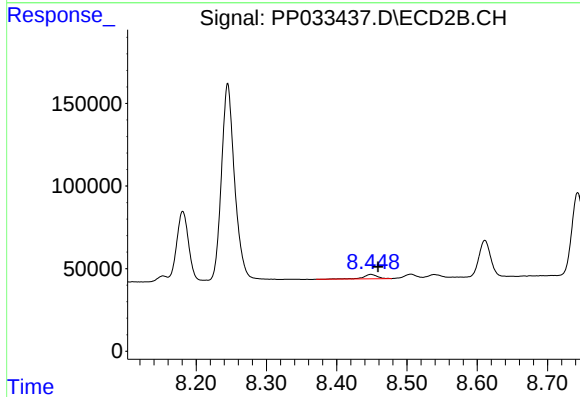
R.T.: 8.245 min
Delta R.T.: -0.012 min
Response: 1553066
Conc: 315.76 ng/ml



#43 AR-1268-3

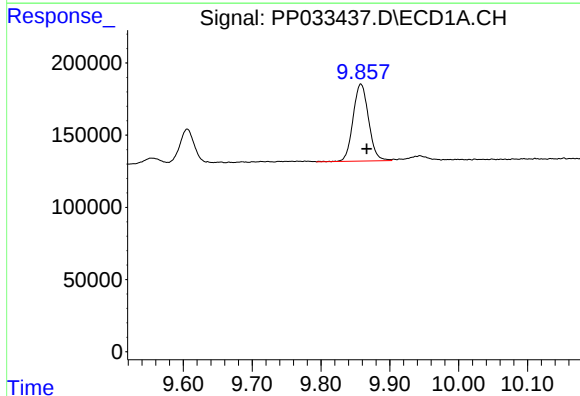
R.T.: 9.456 min
Delta R.T.: -0.007 min
Response: 47261
Conc: 7.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



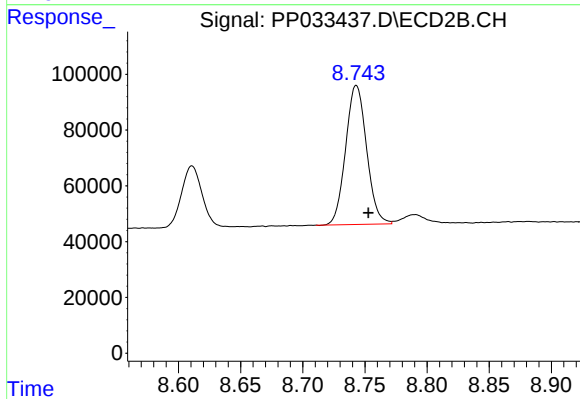
#43 AR-1268-3

R.T.: 8.449 min
Delta R.T.: -0.010 min
Response: 36642
Conc: 8.38 ng/ml



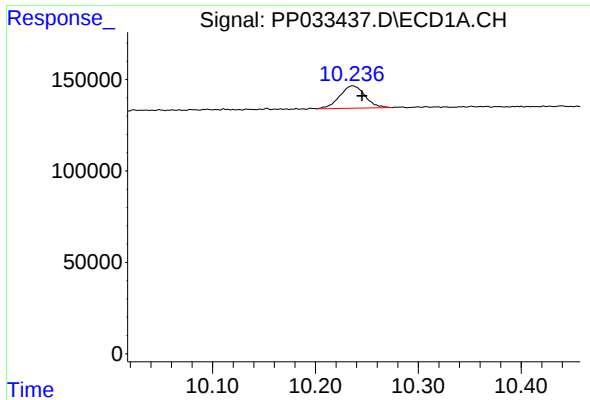
#44 AR-1268-4

R.T.: 9.858 min
Delta R.T.: -0.008 min
Response: 835300
Conc: 384.81 ng/ml



#44 AR-1268-4

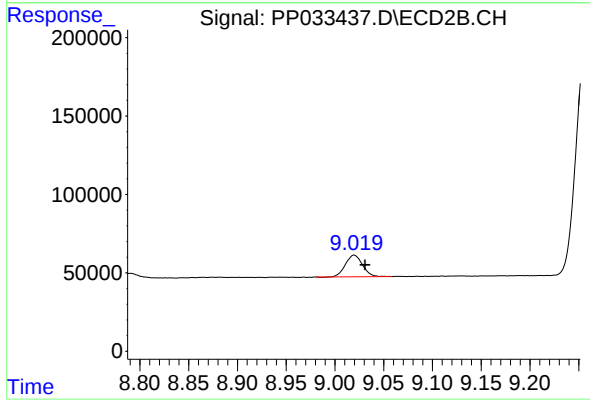
R.T.: 8.743 min
Delta R.T.: -0.010 min
Response: 585062
Conc: 352.11 ng/ml



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: -0.009 min
Response: 209739
Conc: 12.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.020 min
Delta R.T.: -0.011 min
Response: 169557
Conc: 13.26 ng/ml