

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080621\
 Data File : PP038090.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Aug 2021 19:15
 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: Aug 09 02:03:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080521.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 06 03:08:47 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...	4.894	3.881	2080218	1358828	46.808	52.759
2)	SA Decachlor...	10.884	9.149	1074920	1021413	47.252	39.478
Target Compounds							
3)	L1 AR-1016-1	6.212	5.126	675795	485374	455.052	502.512
4)	L1 AR-1016-2	6.236	5.146	964427	669085	452.842	499.431
5)	L1 AR-1016-3	6.301	5.335	609865	368090	458.925	500.309
6)	L1 AR-1016-4	6.409	5.390	514290	281125	473.684	494.901
7)	L1 AR-1016-5	6.722	5.616	488486	347421	487.109	452.766
8)	L2 AR-1221-1	5.139	4.135	75941	48273	140.102	160.475
9)	L2 AR-1221-2	5.243	4.234	100011	69846	247.481	296.765
10)	L2 AR-1221-3	5.330	4.321	411667	275882	341.733	374.119
11)	L3 AR-1232-1	5.330	4.321	411667	275882	372.212	406.960
12)	L3 AR-1232-2	5.917	5.146	523630	669085	959.723	1098.878
13)	L3 AR-1232-3	6.236	5.335	964427	368090	979.881	1133.423
14)	L3 AR-1232-4	6.409	5.434	514290	344903	1029.252	1167.479
15)	L3 AR-1232-5	6.506	5.616	387389	347421	1219.419	937.453
16)	L4 AR-1242-1	6.212	5.126	675795	485374	597.024	673.563
17)	L4 AR-1242-2	6.236	5.146	964427	669085	599.385	669.422
18)	L4 AR-1242-3	6.301	5.335	609865	368090	595.714	665.374
19)	L4 AR-1242-4	6.409	5.434	514290	344903	627.019	656.483
20)	L4 AR-1242-5	7.191	5.995	65292	250894	79.179	388.287 #
21)	L5 AR-1248-1	6.212	5.126	675795	485374	795.360	917.145
22)	L5 AR-1248-2	6.506	5.390	387389	281125	358.334	378.520
23)	L5 AR-1248-3	6.722	5.434	488486	344903	383.316	438.335
24)	L5 AR-1248-4	7.152	5.616	81533	347421	60.389	376.995 #
25)	L5 AR-1248-5	7.191	6.037	65292	46862	49.385	49.777
26)	L6 AR-1254-1	7.121	5.995	295770	250894	226.990	187.534
27)	L6 AR-1254-2	7.349	6.155	320974	232542	169.704	202.898
28)	L6 AR-1254-3	7.732	6.574	196893	124900	99.244	66.158 #
29)	L6 AR-1254-4	8.027	6.813	118786	68868	82.771	57.199 #
30)	L6 AR-1254-5	8.456	7.241	853224	773882	587.114	468.963
31)	L7 AR-1260-1	7.899	6.710	661349	583923	460.812	448.480
32)	L7 AR-1260-2	8.164	6.909	782114	675847	454.281	434.370
33)	L7 AR-1260-3	8.530	7.062	522044	631105	436.995	414.597
34)	L7 AR-1260-4	8.761	7.544	638098	522193	448.007	426.841
35)	L7 AR-1260-5	9.084	7.793	1206953	1225035	454.584	419.472
36)	L8 AR-1262-1	8.530	7.241	522044	773882	317.796	846.681 #
37)	L8 AR-1262-2	9.084	7.793	1206953	1225035	424.679	395.856
38)	L8 AR-1262-3	9.414f	8.079	771163	277314	651.141	219.207 #
39)	L8 AR-1262-4	9.467f	8.140	483407	887120	631.787	374.640 #
40)	L8 AR-1262-5	10.145	8.640	349777	318088	352.744	283.440
41)	L9 AR-1268-1	9.414f	8.079	771163	277314	236.030	76.420 #

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 Acq On : 06 Aug 2021 19:15
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

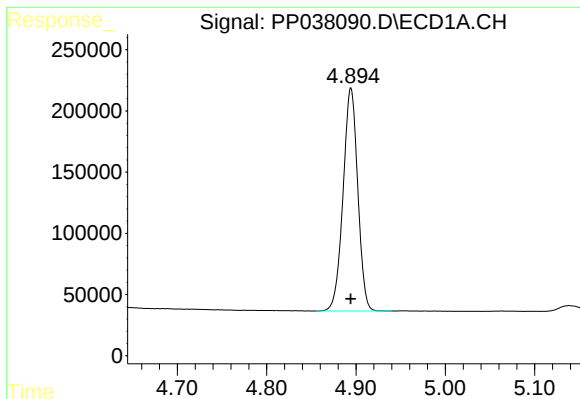
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 02:03:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080521.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	9.467f	8.140	483407	887120	158.038	259.663 #
43) L9	AR-1268-3	0.000	8.349	0	14122	N.D.	4.956 #
44) L9	AR-1268-4	10.145	8.640	349777	318088	316.976	251.337
45) L9	AR-1268-5	10.554	8.914	99205	87546	11.820	9.225

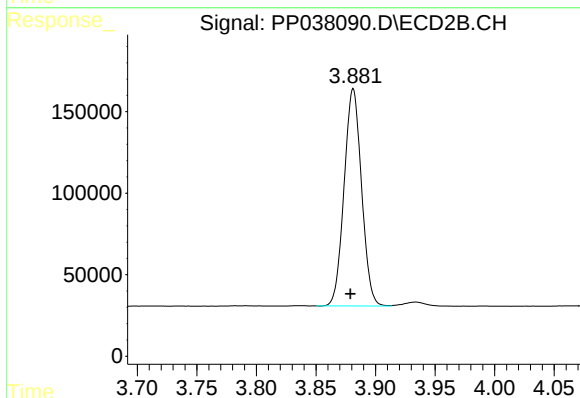
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

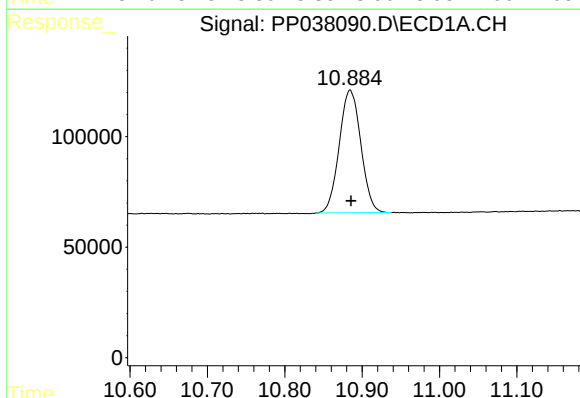
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 2080218
Conc: 46.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



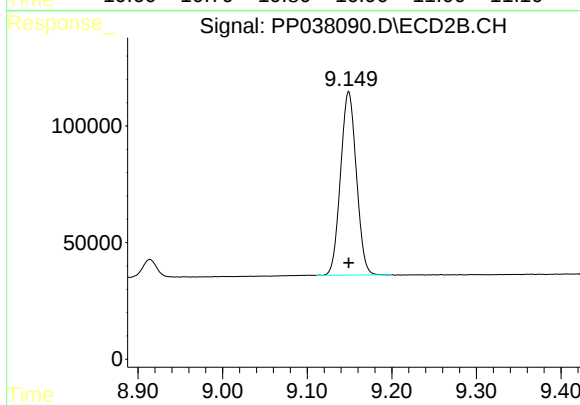
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: 0.002 min
Response: 1358828
Conc: 52.76 ng/ml



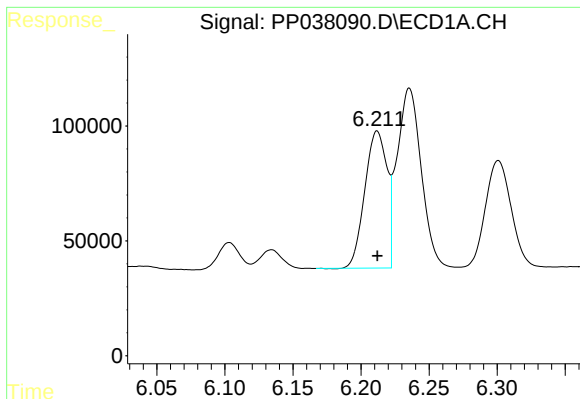
#2 Decachlorobiphenyl

R.T.: 10.884 min
Delta R.T.: -0.001 min
Response: 1074920
Conc: 47.25 ng/ml



#2 Decachlorobiphenyl

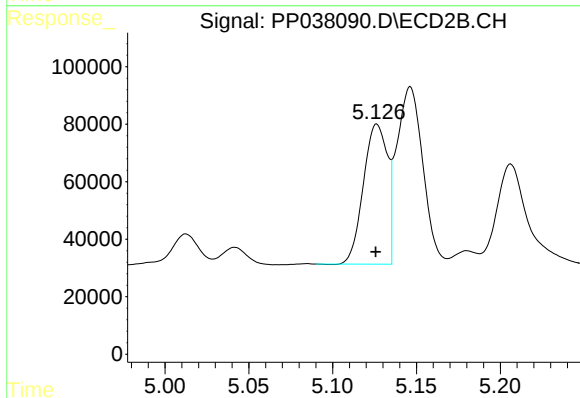
R.T.: 9.149 min
Delta R.T.: 0.000 min
Response: 1021413
Conc: 39.48 ng/ml



#3 AR-1016-1

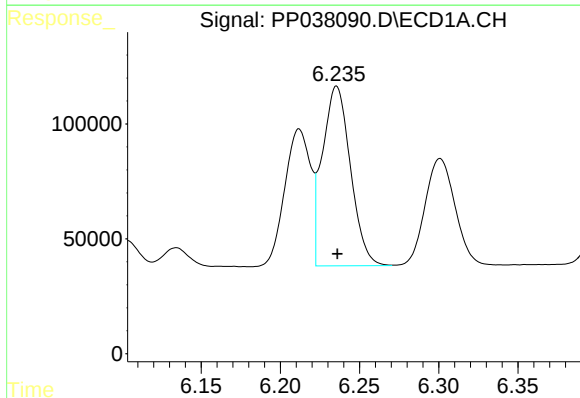
R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 675795
Conc: 455.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



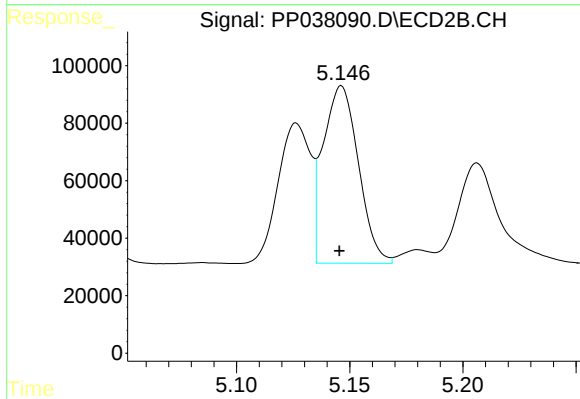
#3 AR-1016-1

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 485374
Conc: 502.51 ng/ml



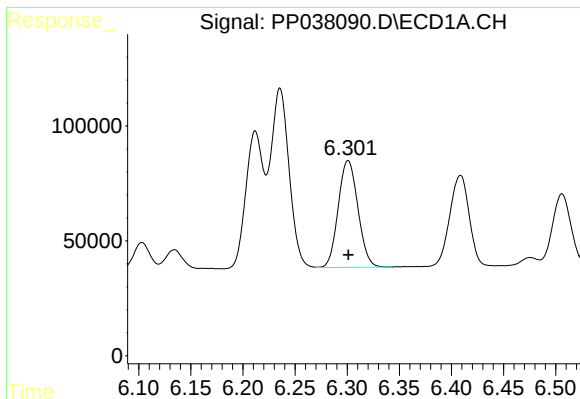
#4 AR-1016-2

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 964427
Conc: 452.84 ng/ml



#4 AR-1016-2

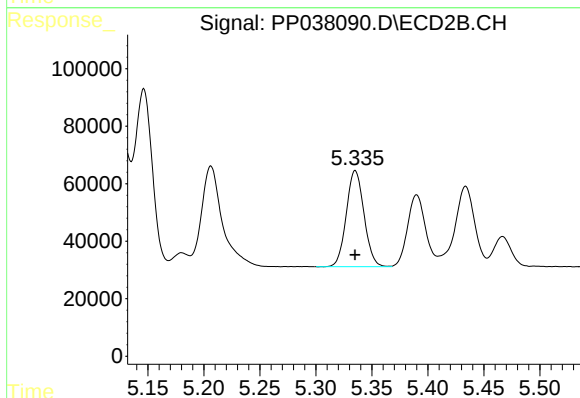
R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 669085
Conc: 499.43 ng/ml



#5 AR-1016-3

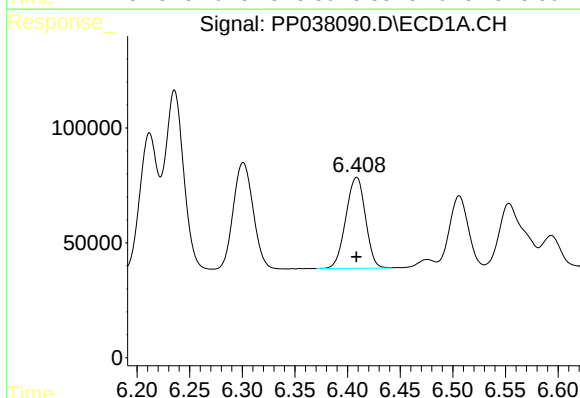
R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 609865
Conc: 458.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



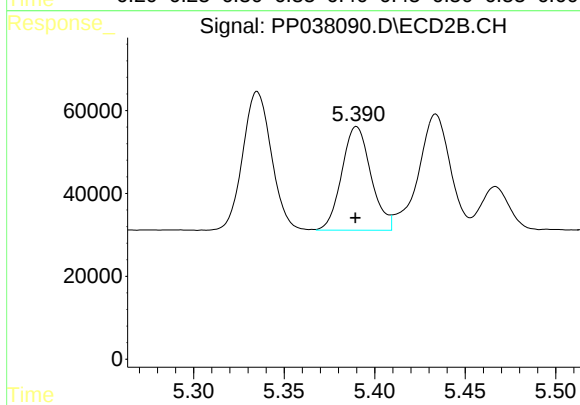
#5 AR-1016-3

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 368090
Conc: 500.31 ng/ml



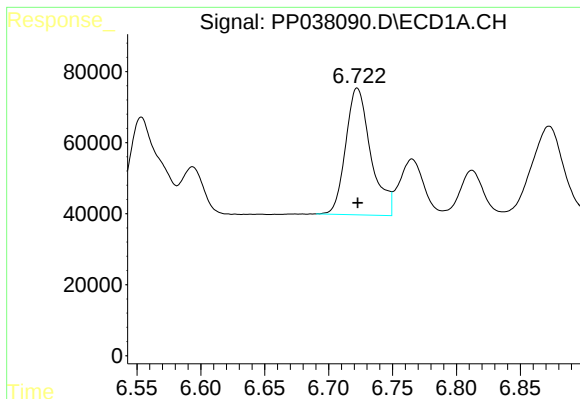
#6 AR-1016-4

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 514290
Conc: 473.68 ng/ml



#6 AR-1016-4

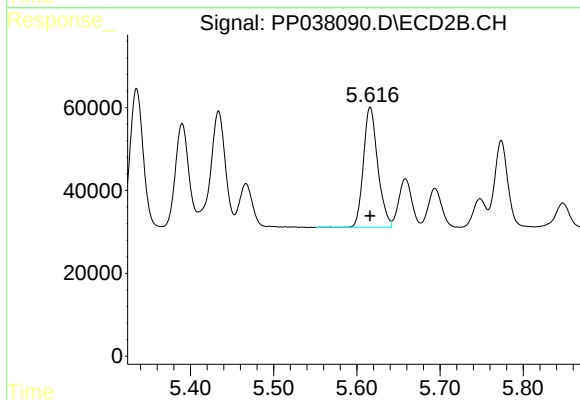
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 281125
Conc: 494.90 ng/ml



#7 AR-1016-5

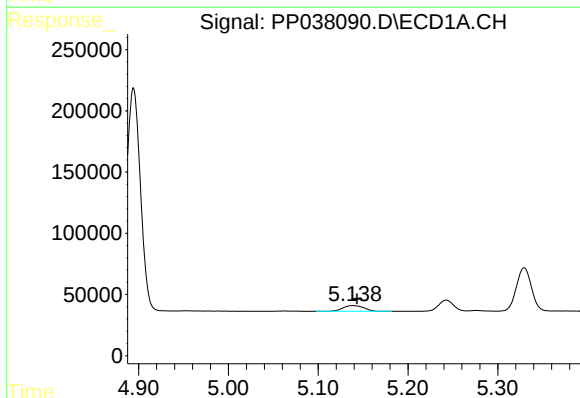
R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 488486
Conc: 487.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



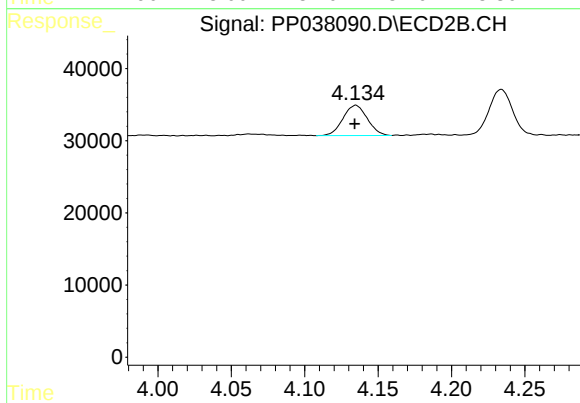
#7 AR-1016-5

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 347421
Conc: 452.77 ng/ml



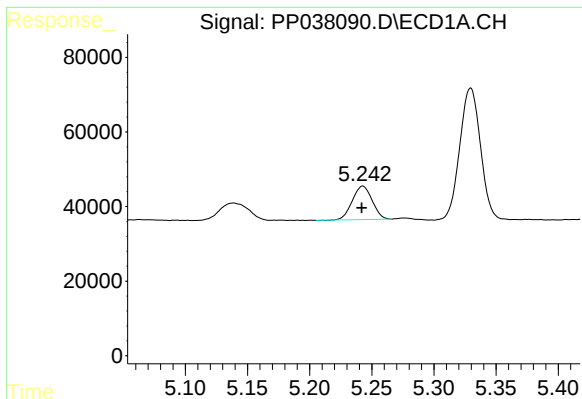
#8 AR-1221-1

R.T.: 5.139 min
Delta R.T.: -0.005 min
Response: 75941
Conc: 140.10 ng/ml



#8 AR-1221-1

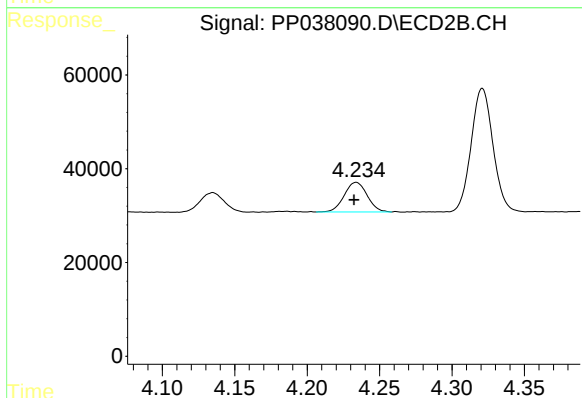
R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 48273
Conc: 160.47 ng/ml



#9 AR-1221-2

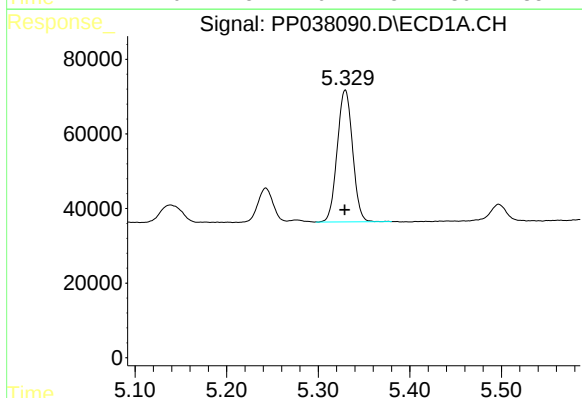
R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 100011
Conc: 247.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



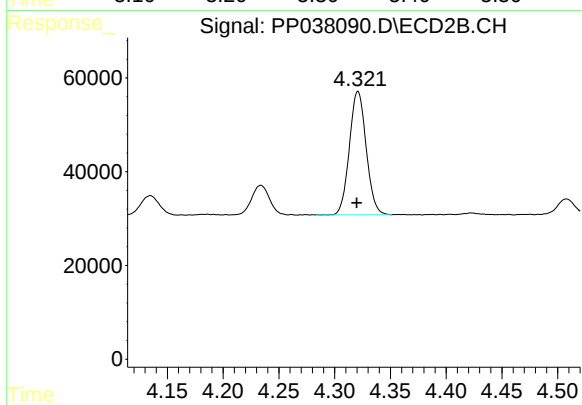
#9 AR-1221-2

R.T.: 4.234 min
Delta R.T.: 0.002 min
Response: 69846
Conc: 296.77 ng/ml



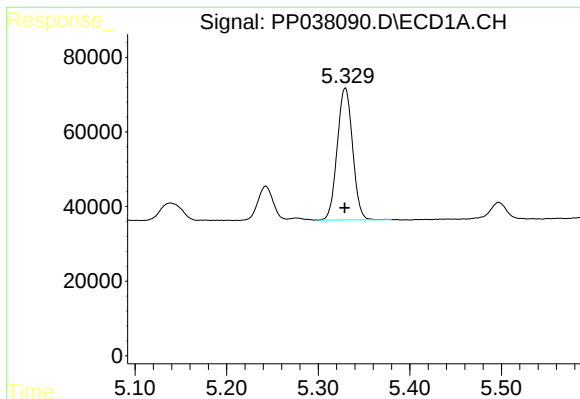
#10 AR-1221-3

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 411667
Conc: 341.73 ng/ml



#10 AR-1221-3

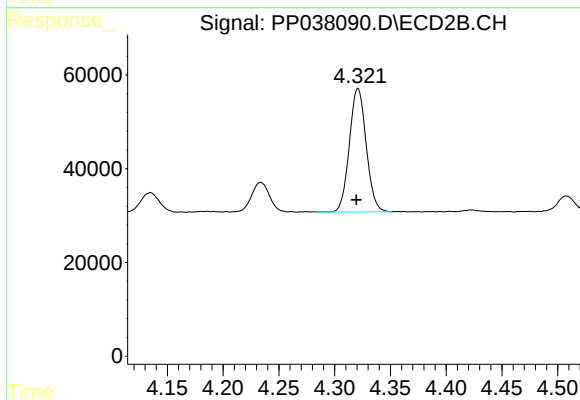
R.T.: 4.321 min
Delta R.T.: 0.001 min
Response: 275882
Conc: 374.12 ng/ml



#11 AR-1232-1

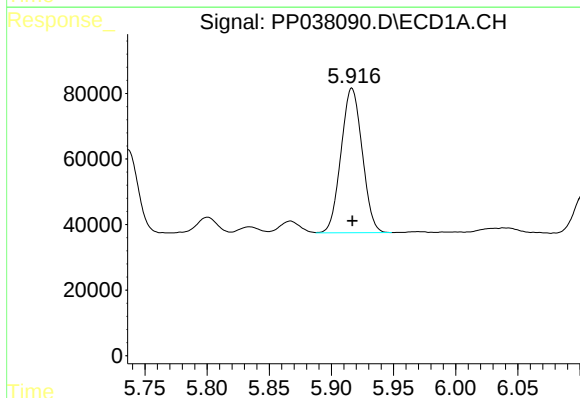
R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 411667
Conc: 372.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



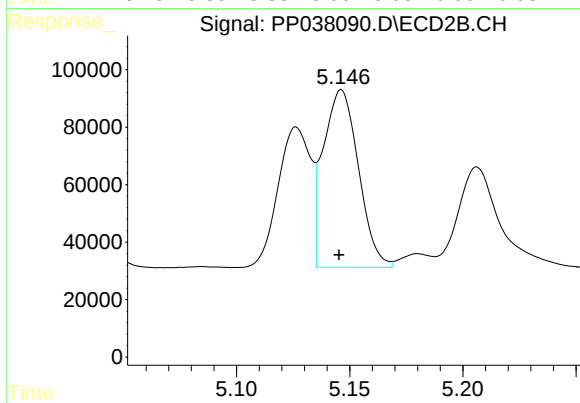
#11 AR-1232-1

R.T.: 4.321 min
Delta R.T.: 0.002 min
Response: 275882
Conc: 406.96 ng/ml



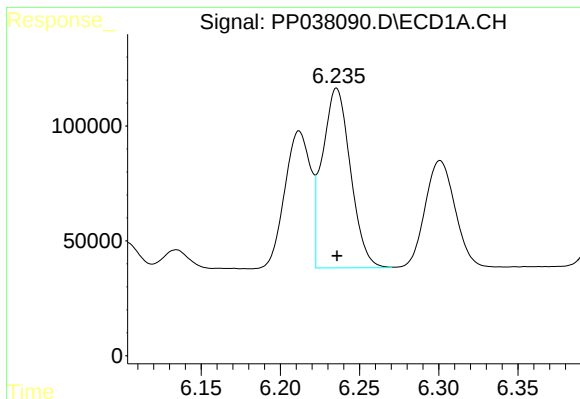
#12 AR-1232-2

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 523630
Conc: 959.72 ng/ml



#12 AR-1232-2

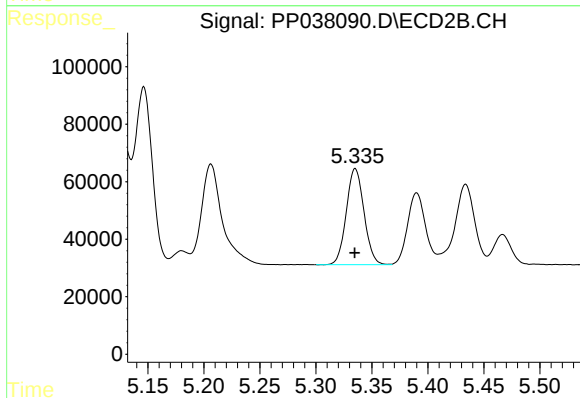
R.T.: 5.146 min
Delta R.T.: 0.001 min
Response: 669085
Conc: 1098.88 ng/ml



#13 AR-1232-3

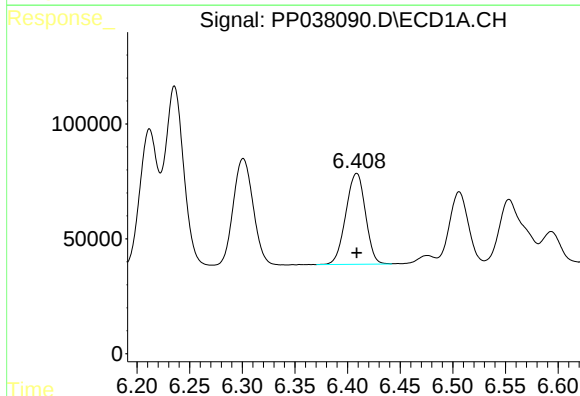
R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 964427
Conc: 979.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



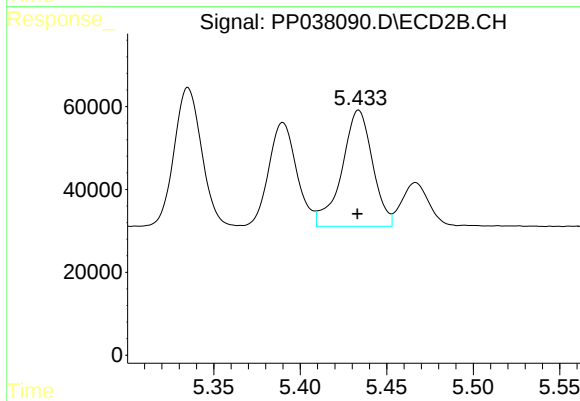
#13 AR-1232-3

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 368090
Conc: 1133.42 ng/ml



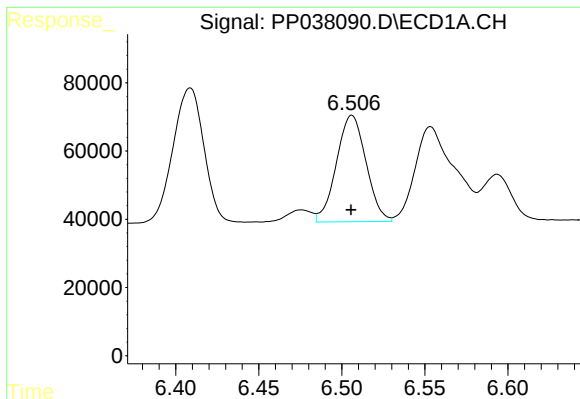
#14 AR-1232-4

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 514290
Conc: 1029.25 ng/ml



#14 AR-1232-4

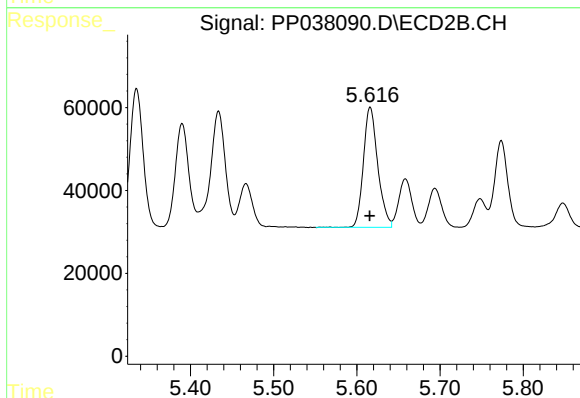
R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 344903
Conc: 1167.48 ng/ml



#15 AR-1232-5

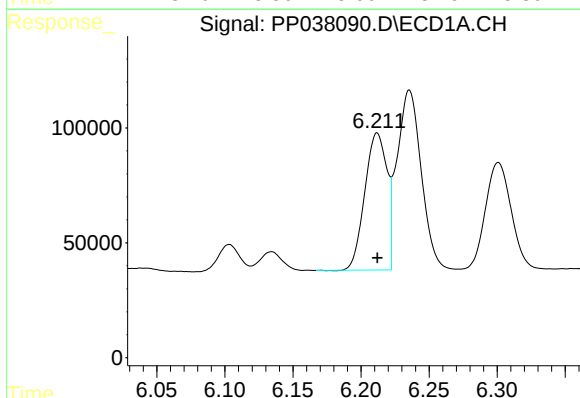
R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 387389
Conc: 1219.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



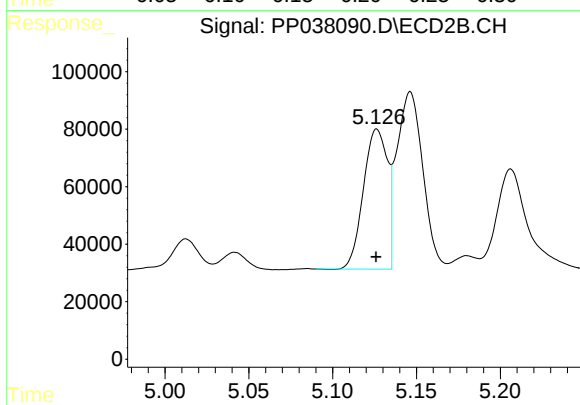
#15 AR-1232-5

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 347421
Conc: 937.45 ng/ml



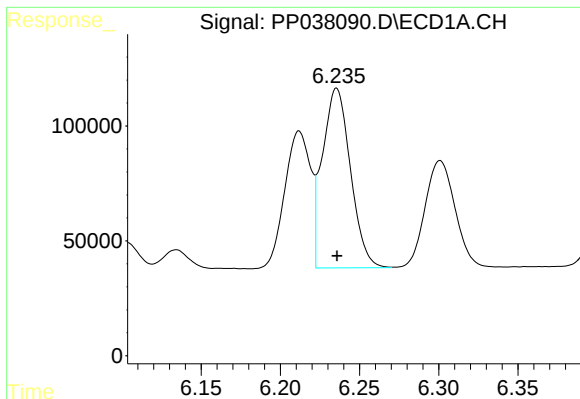
#16 AR-1242-1

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 675795
Conc: 597.02 ng/ml



#16 AR-1242-1

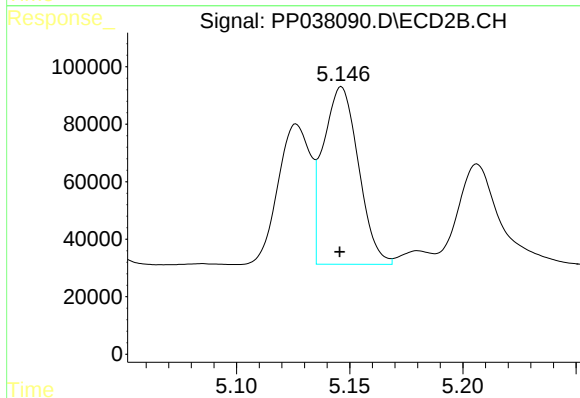
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 485374
Conc: 673.56 ng/ml



#17 AR-1242-2

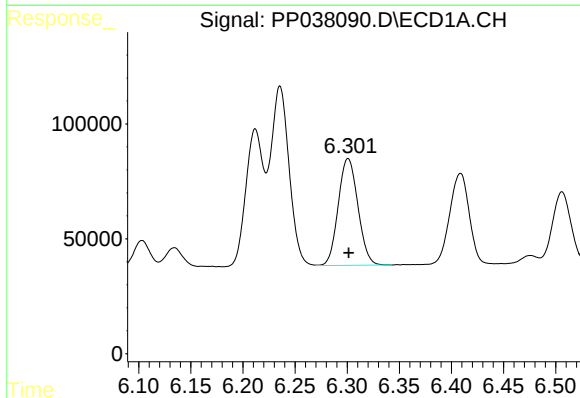
R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 964427
Conc: 599.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



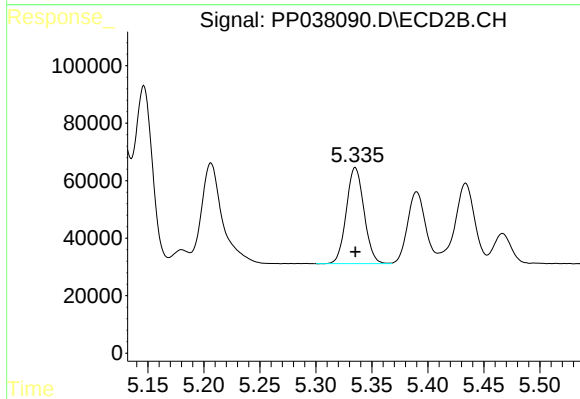
#17 AR-1242-2

R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 669085
Conc: 669.42 ng/ml



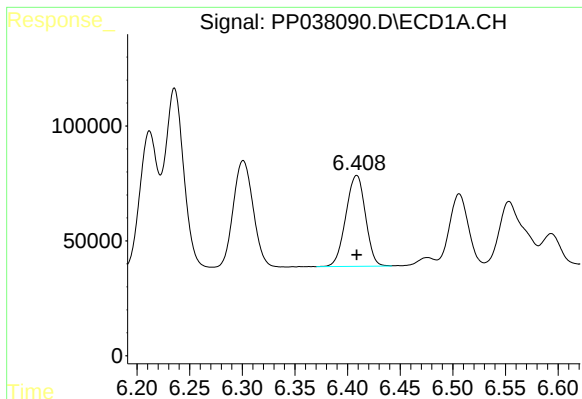
#18 AR-1242-3

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 609865
Conc: 595.71 ng/ml



#18 AR-1242-3

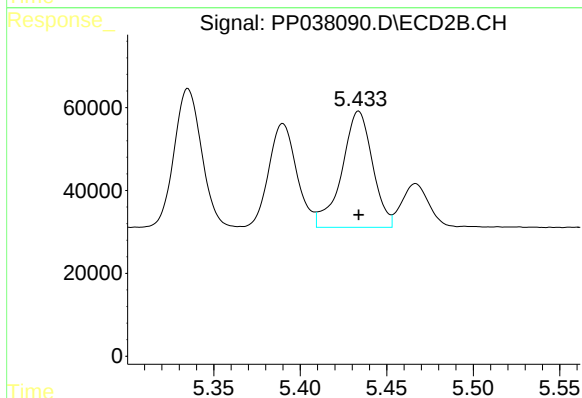
R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 368090
Conc: 665.37 ng/ml



#19 AR-1242-4

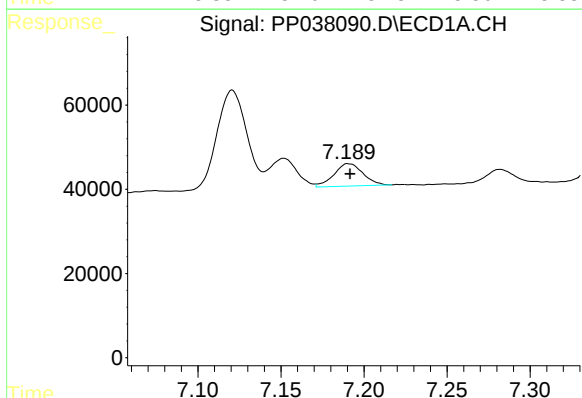
R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 514290
Conc: 627.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



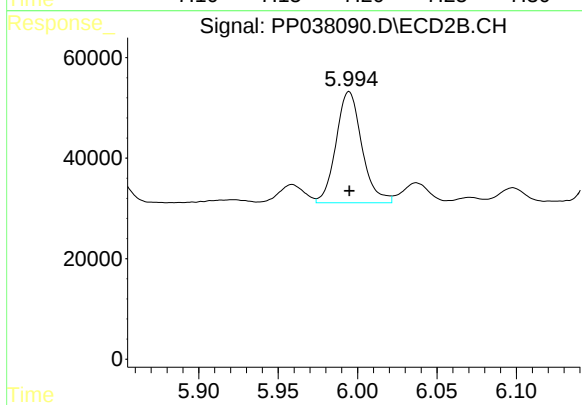
#19 AR-1242-4

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 344903
Conc: 656.48 ng/ml



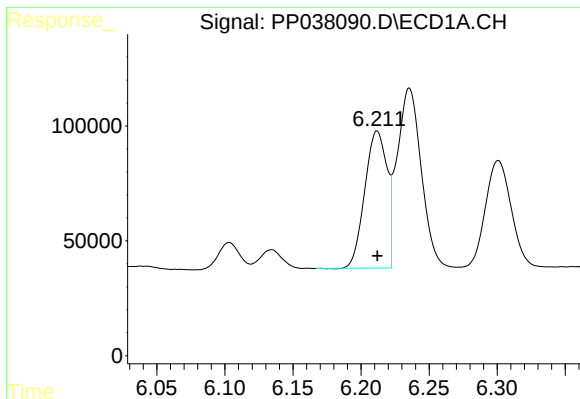
#20 AR-1242-5

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 65292
Conc: 79.18 ng/ml



#20 AR-1242-5

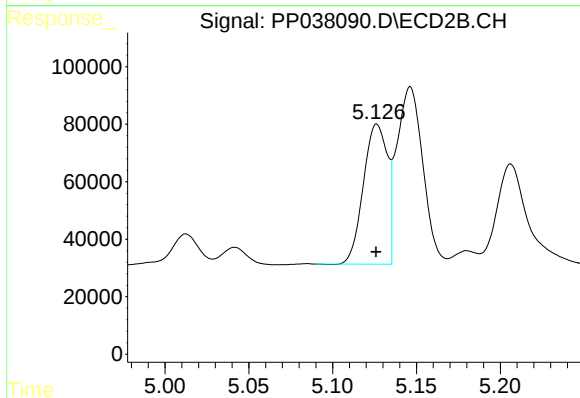
R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 250894
Conc: 388.29 ng/ml



#21 AR-1248-1

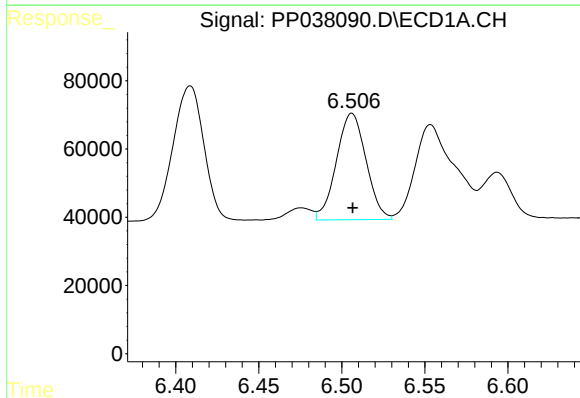
R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 675795
Conc: 795.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



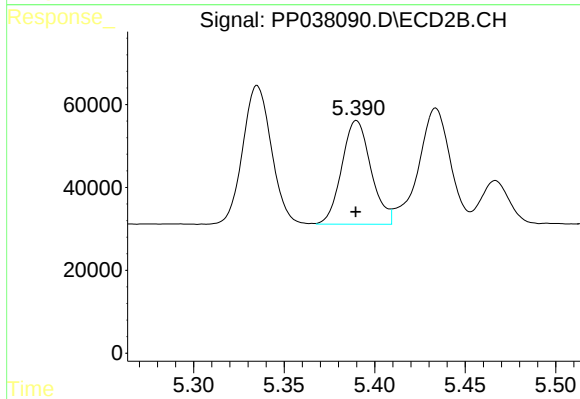
#21 AR-1248-1

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 485374
Conc: 917.15 ng/ml



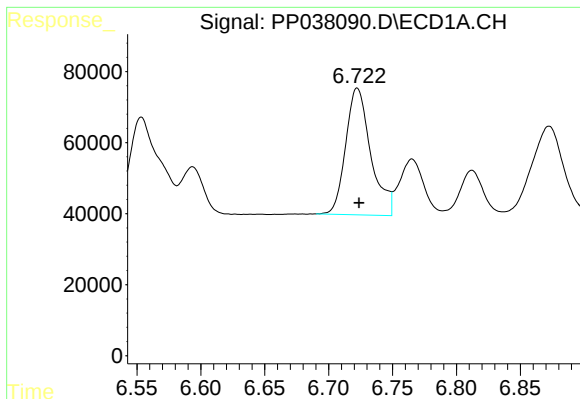
#22 AR-1248-2

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 387389
Conc: 358.33 ng/ml



#22 AR-1248-2

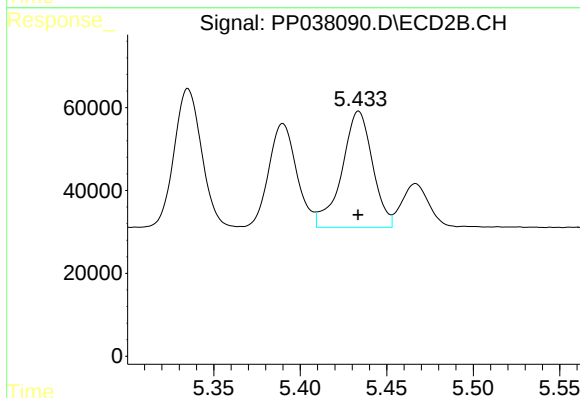
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 281125
Conc: 378.52 ng/ml



#23 AR-1248-3

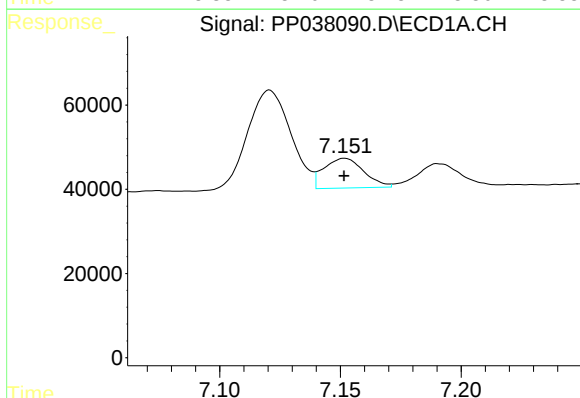
R.T.: 6.722 min
Delta R.T.: -0.001 min
Response: 488486
Conc: 383.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



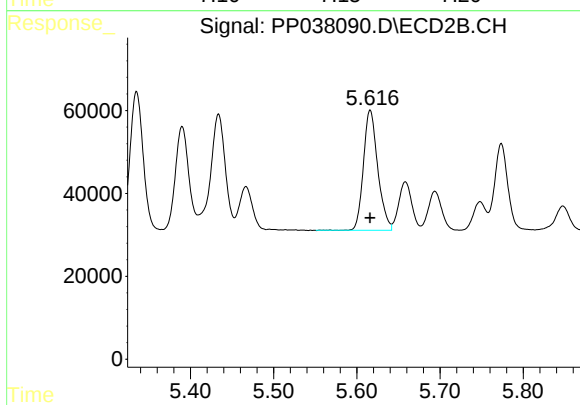
#23 AR-1248-3

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 344903
Conc: 438.33 ng/ml



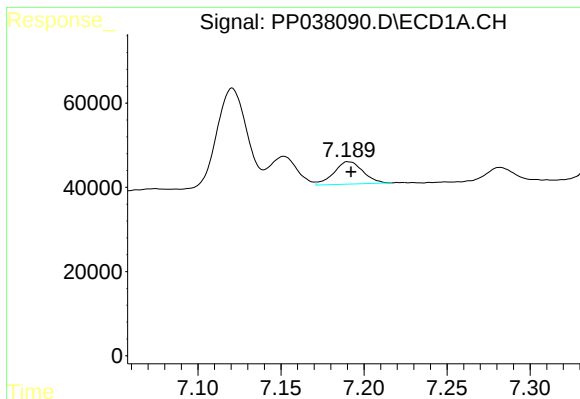
#24 AR-1248-4

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 81533
Conc: 60.39 ng/ml



#24 AR-1248-4

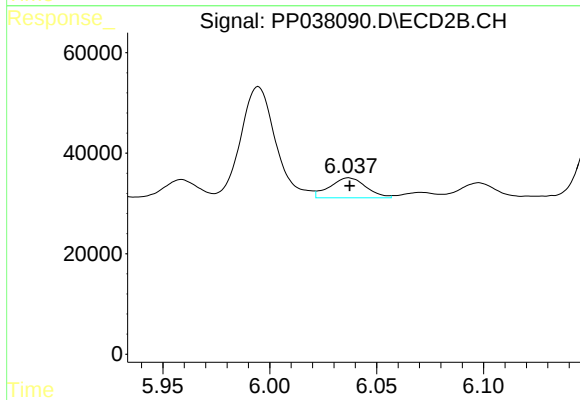
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 347421
Conc: 377.00 ng/ml



#25 AR-1248-5

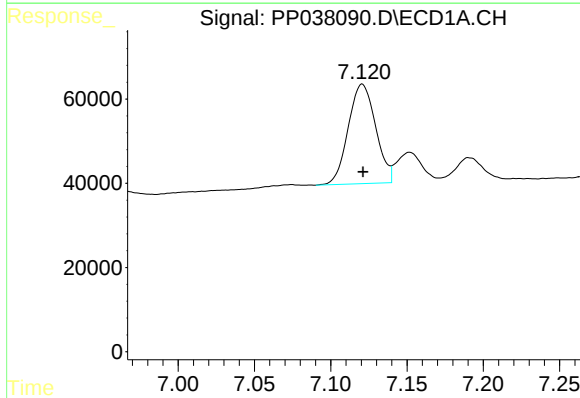
R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 65292
Conc: 49.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



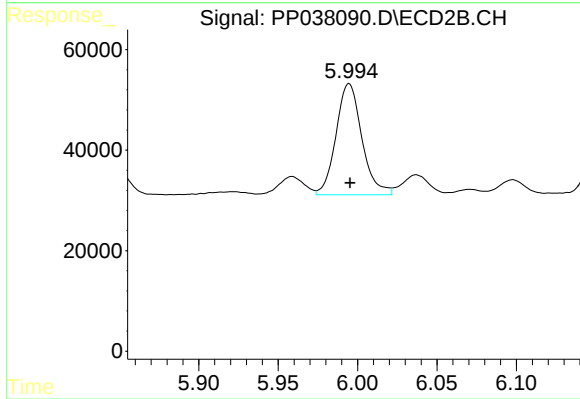
#25 AR-1248-5

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 46862
Conc: 49.78 ng/ml



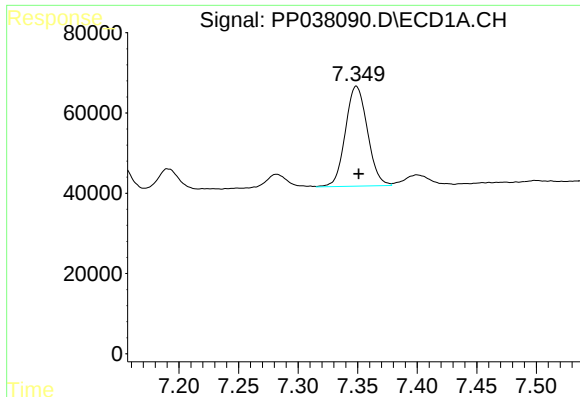
#26 AR-1254-1

R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 295770
Conc: 226.99 ng/ml



#26 AR-1254-1

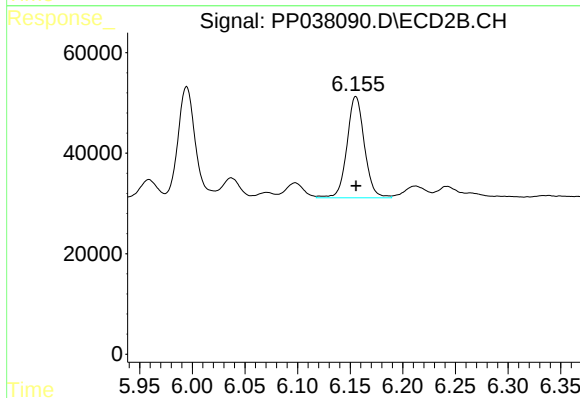
R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 250894
Conc: 187.53 ng/ml



#27 AR-1254-2

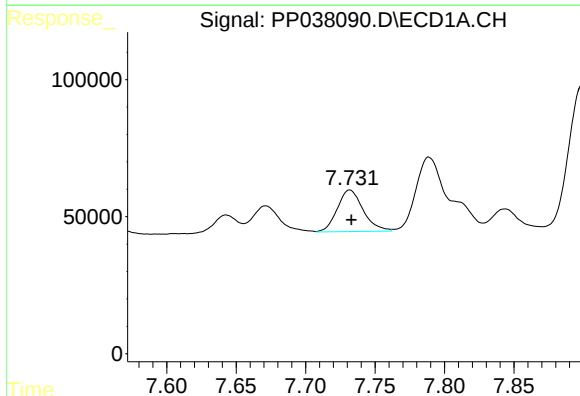
R.T.: 7.349 min
Delta R.T.: -0.002 min
Response: 320974
Conc: 169.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



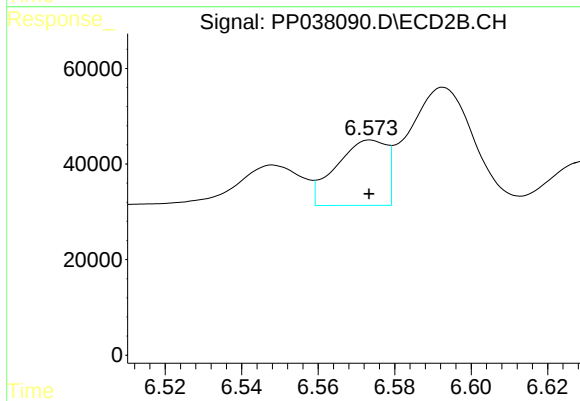
#27 AR-1254-2

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 232542
Conc: 202.90 ng/ml



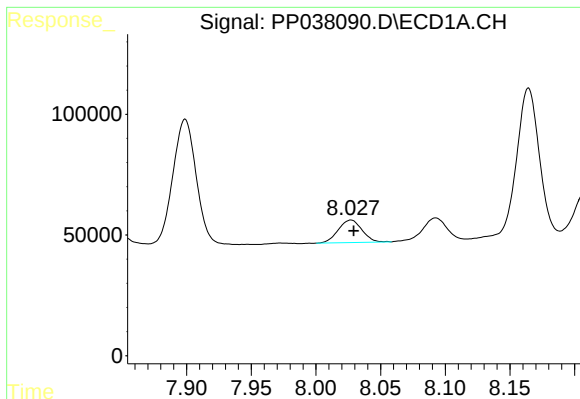
#28 AR-1254-3

R.T.: 7.732 min
Delta R.T.: -0.001 min
Response: 196893
Conc: 99.24 ng/ml



#28 AR-1254-3

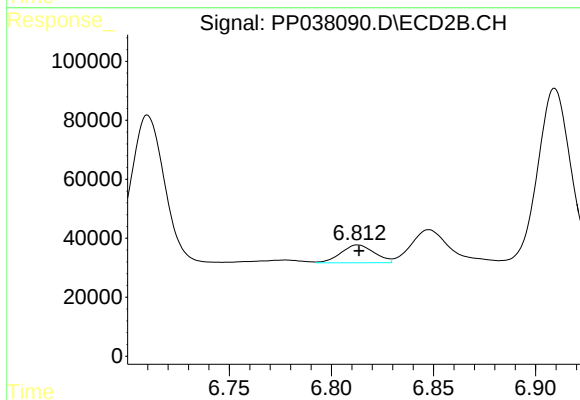
R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 124900
Conc: 66.16 ng/ml



#29 AR-1254-4

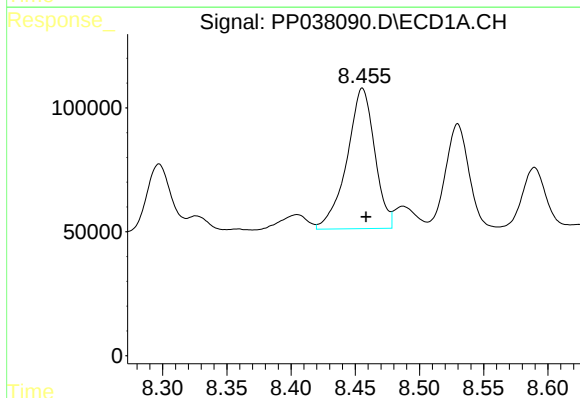
R.T.: 8.027 min
Delta R.T.: -0.002 min
Response: 118786
Conc: 82.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



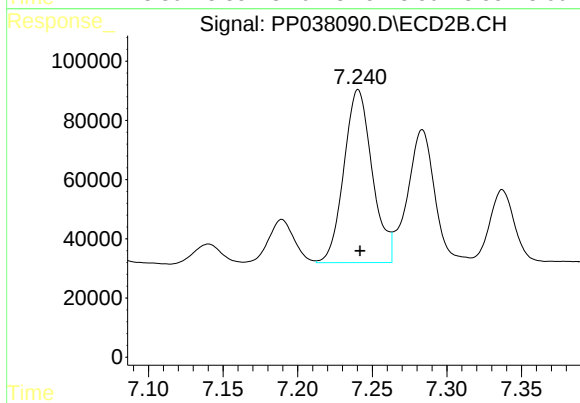
#29 AR-1254-4

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 68868
Conc: 57.20 ng/ml



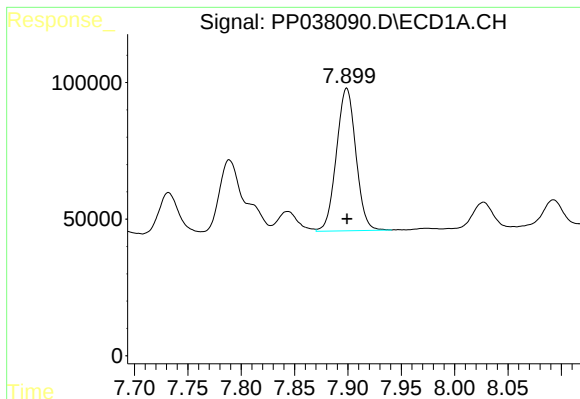
#30 AR-1254-5

R.T.: 8.456 min
Delta R.T.: -0.003 min
Response: 853224
Conc: 587.11 ng/ml



#30 AR-1254-5

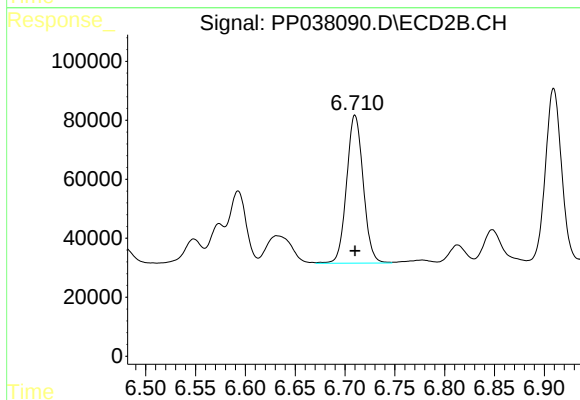
R.T.: 7.241 min
Delta R.T.: -0.001 min
Response: 773882
Conc: 468.96 ng/ml



#31 AR-1260-1

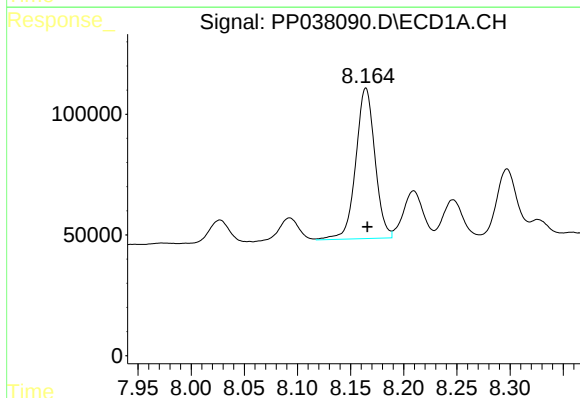
R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 661349
Conc: 460.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



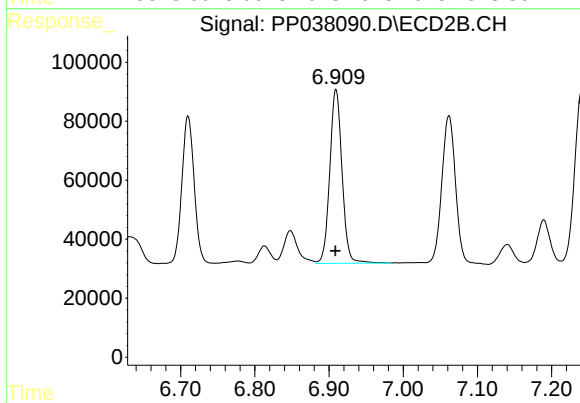
#31 AR-1260-1

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 583923
Conc: 448.48 ng/ml



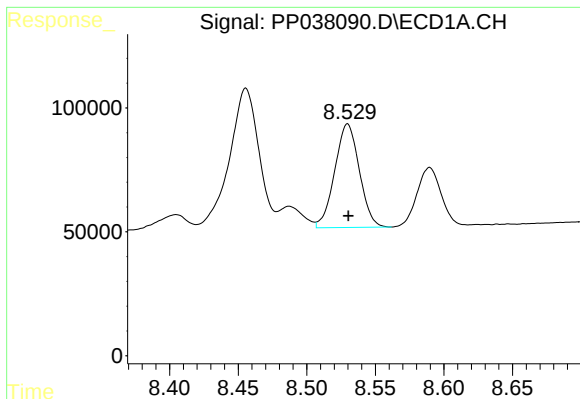
#32 AR-1260-2

R.T.: 8.164 min
Delta R.T.: -0.002 min
Response: 782114
Conc: 454.28 ng/ml



#32 AR-1260-2

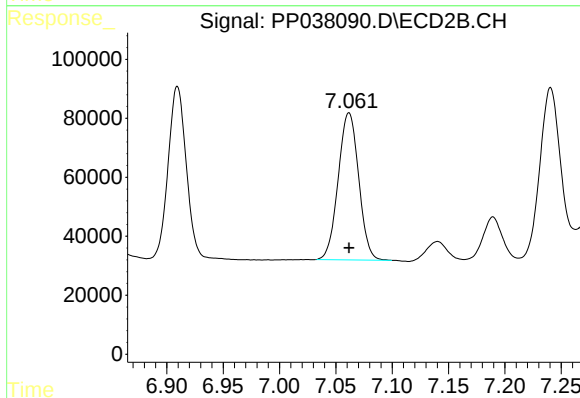
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 675847
Conc: 434.37 ng/ml



#33 AR-1260-3

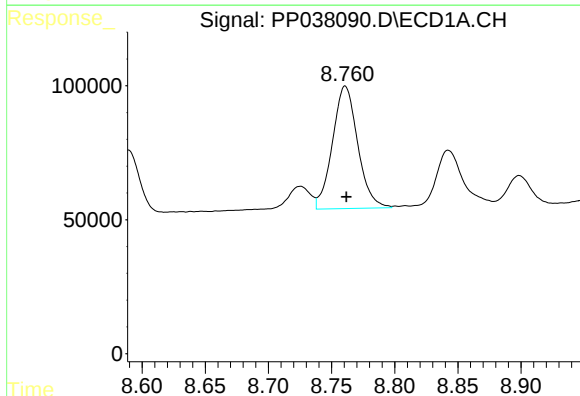
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 522044
Conc: 436.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



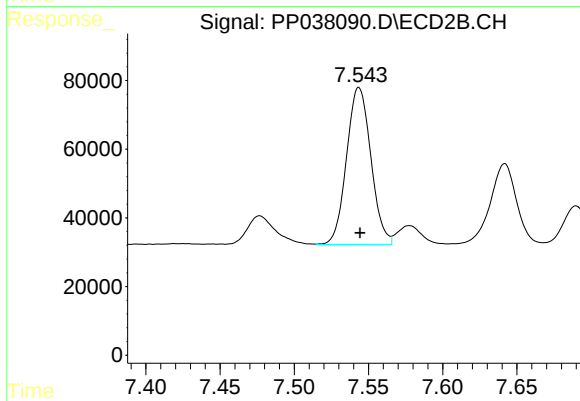
#33 AR-1260-3

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 631105
Conc: 414.60 ng/ml



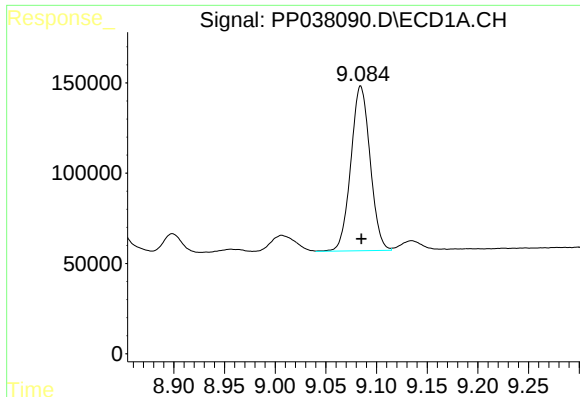
#34 AR-1260-4

R.T.: 8.761 min
Delta R.T.: 0.000 min
Response: 638098
Conc: 448.01 ng/ml



#34 AR-1260-4

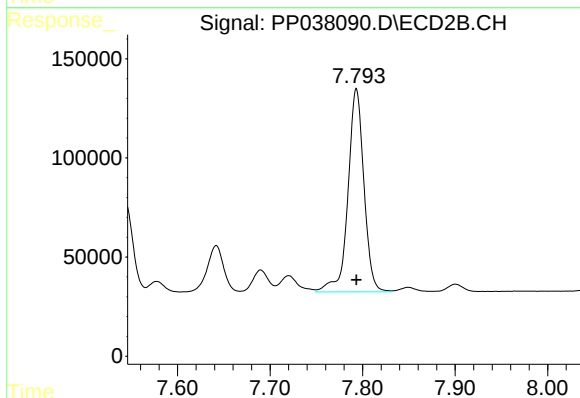
R.T.: 7.544 min
Delta R.T.: 0.000 min
Response: 522193
Conc: 426.84 ng/ml



#35 AR-1260-5

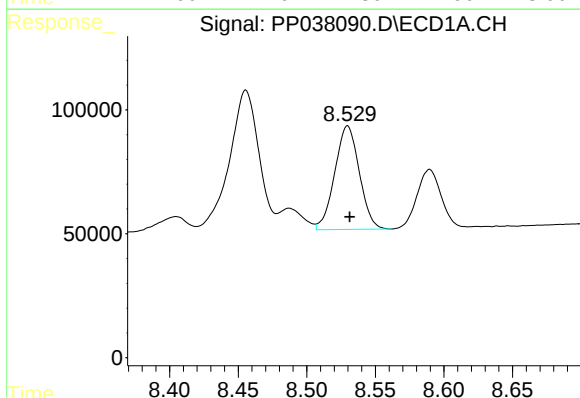
R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 1206953
Conc: 454.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



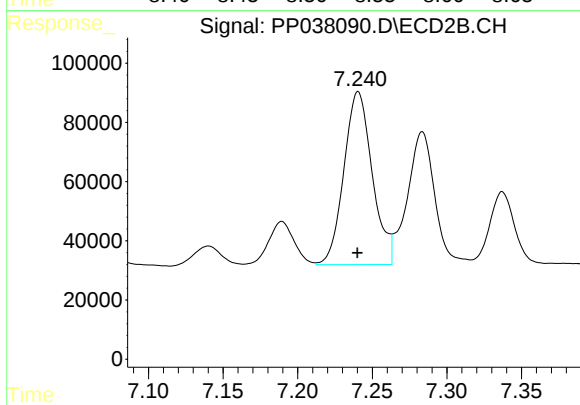
#35 AR-1260-5

R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 1225035
Conc: 419.47 ng/ml



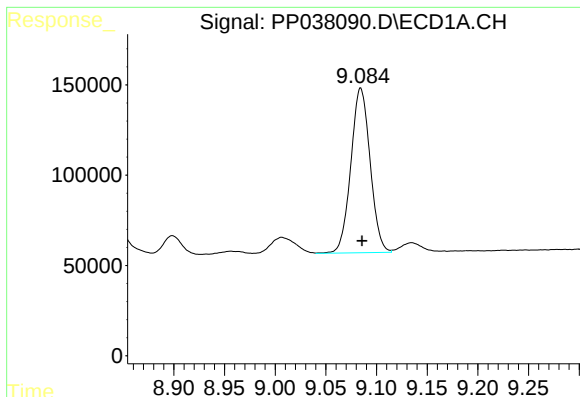
#36 AR-1262-1

R.T.: 8.530 min
Delta R.T.: -0.002 min
Response: 522044
Conc: 317.80 ng/ml



#36 AR-1262-1

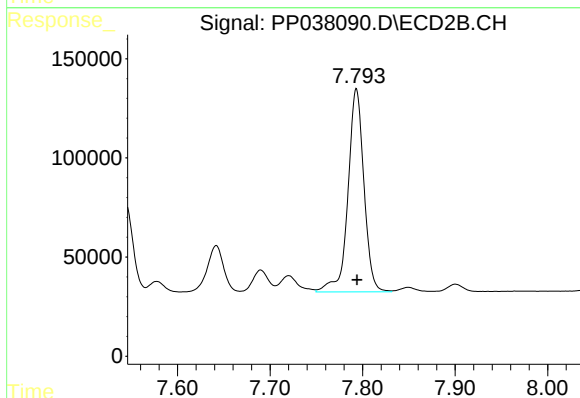
R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 773882
Conc: 846.68 ng/ml



#37 AR-1262-2

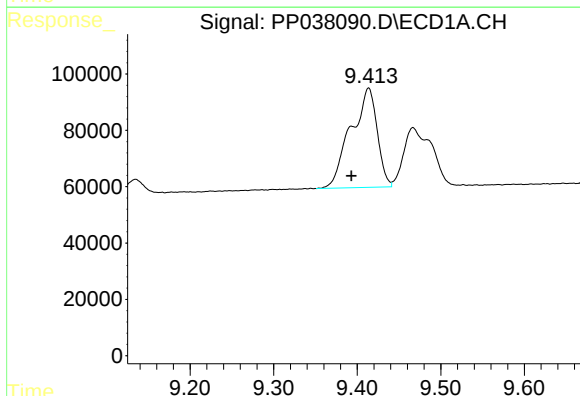
R.T.: 9.084 min
Delta R.T.: -0.002 min
Response: 1206953
Conc: 424.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



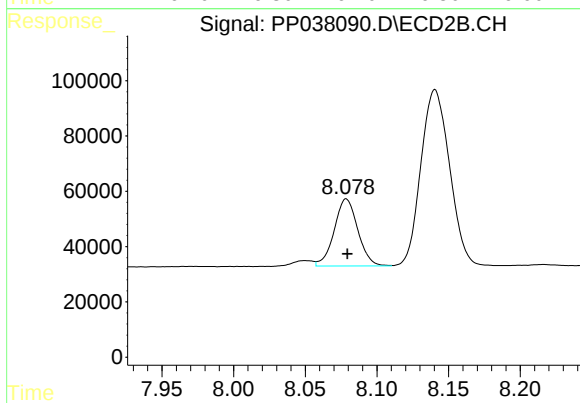
#37 AR-1262-2

R.T.: 7.793 min
Delta R.T.: 0.000 min
Response: 1225035
Conc: 395.86 ng/ml



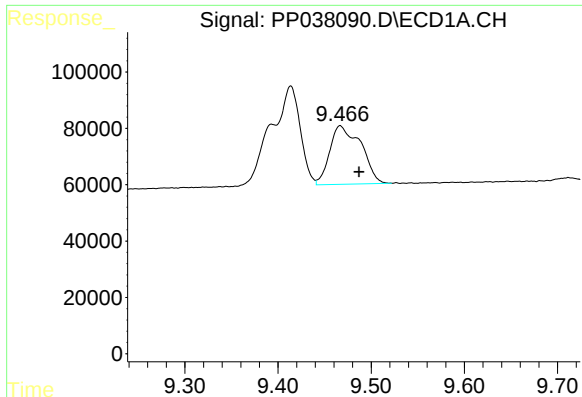
#38 AR-1262-3

R.T.: 9.414 min
Delta R.T.: 0.021 min
Response: 771163
Conc: 651.14 ng/ml



#38 AR-1262-3

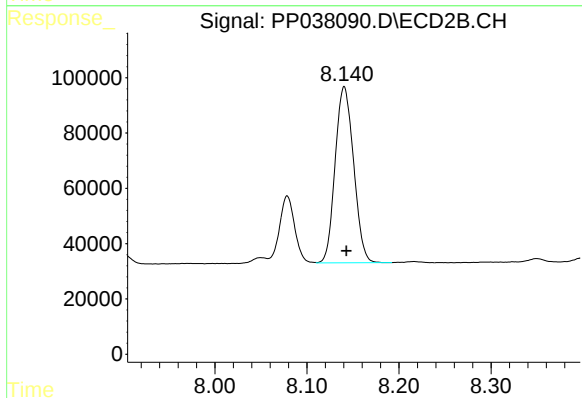
R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 277314
Conc: 219.21 ng/ml



#39 AR-1262-4

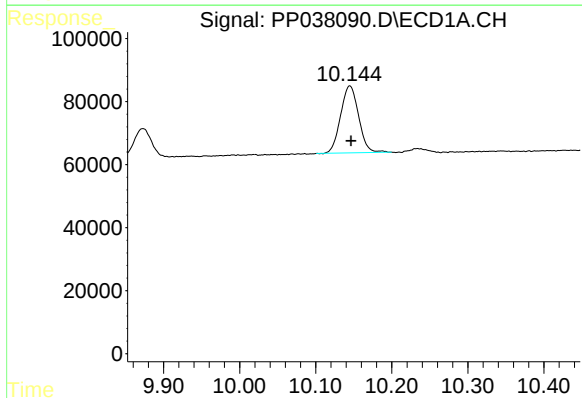
R.T.: 9.467 min
Delta R.T.: -0.020 min
Response: 483407
Conc: 631.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



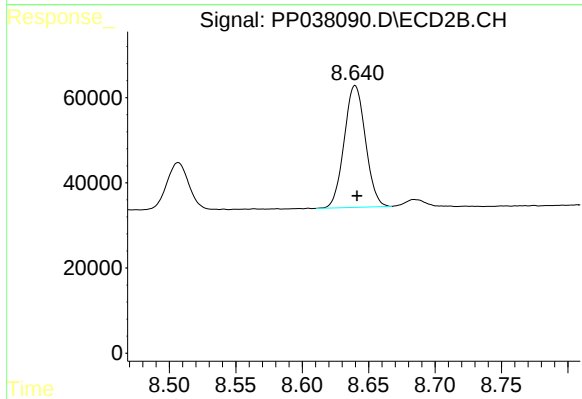
#39 AR-1262-4

R.T.: 8.140 min
Delta R.T.: -0.003 min
Response: 887120
Conc: 374.64 ng/ml



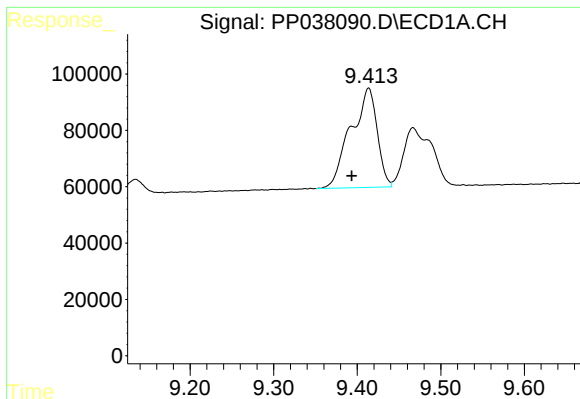
#40 AR-1262-5

R.T.: 10.145 min
Delta R.T.: -0.002 min
Response: 349777
Conc: 352.74 ng/ml



#40 AR-1262-5

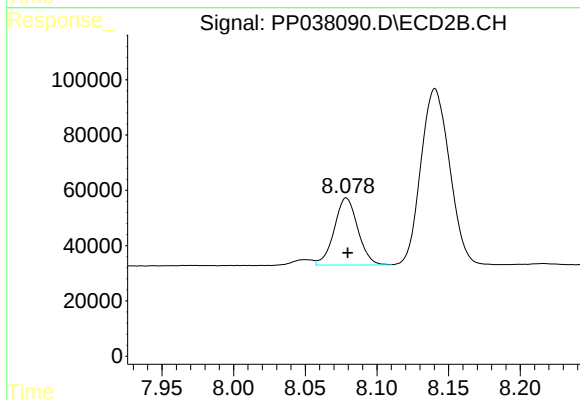
R.T.: 8.640 min
Delta R.T.: -0.001 min
Response: 318088
Conc: 283.44 ng/ml



#41 AR-1268-1

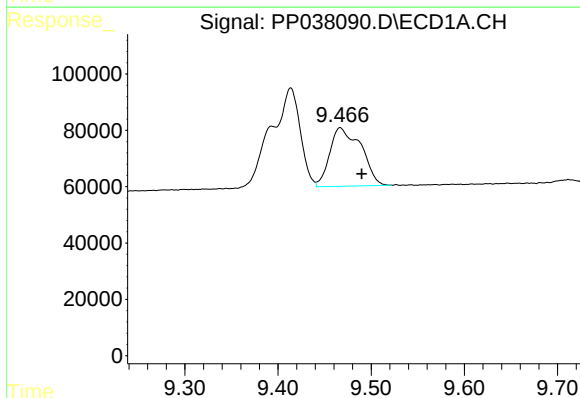
R.T.: 9.414 min
Delta R.T.: 0.020 min
Response: 771163
Conc: 236.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



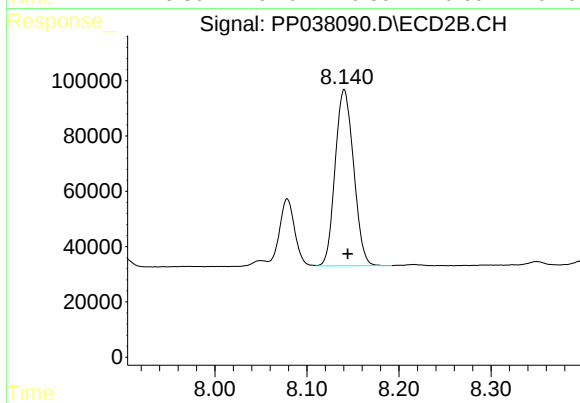
#41 AR-1268-1

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 277314
Conc: 76.42 ng/ml



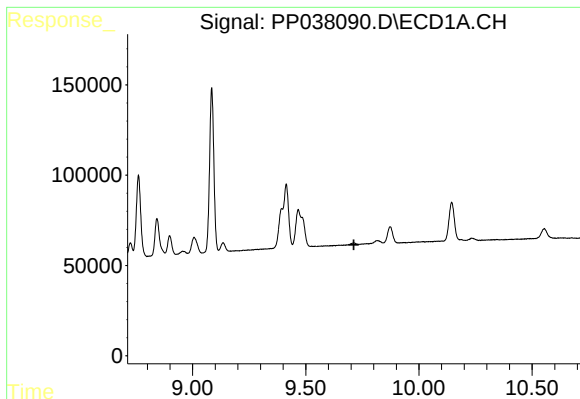
#42 AR-1268-2

R.T.: 9.467 min
Delta R.T.: -0.023 min
Response: 483407
Conc: 158.04 ng/ml



#42 AR-1268-2

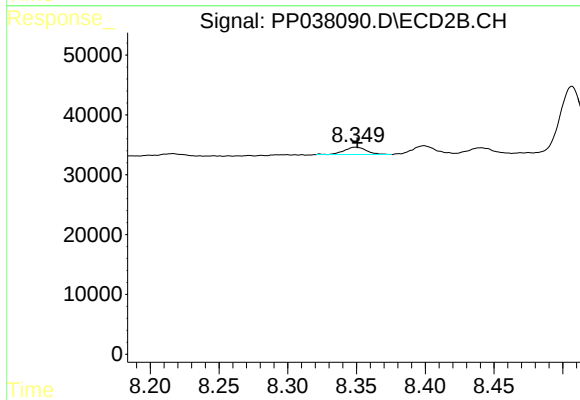
R.T.: 8.140 min
Delta R.T.: -0.004 min
Response: 887120
Conc: 259.66 ng/ml



#43 AR-1268-3

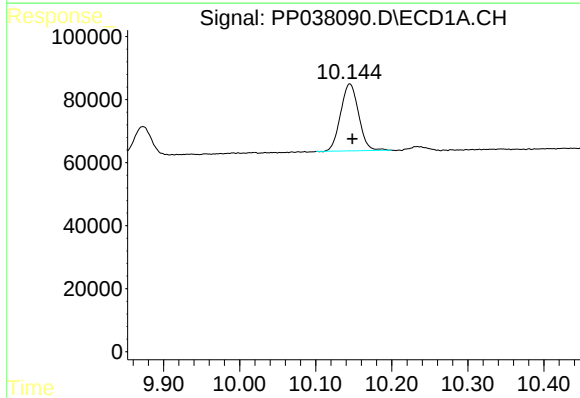
R.T.: 0.000 min
Exp R.T.: 9.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



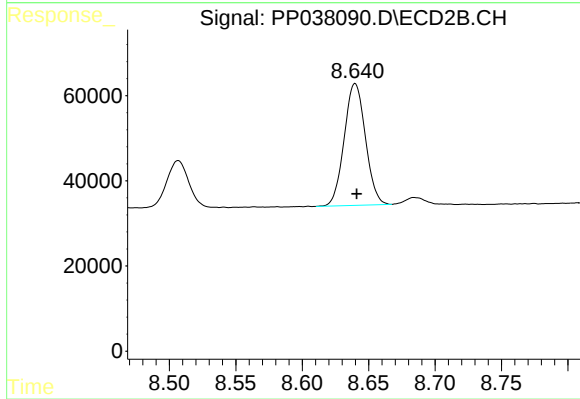
#43 AR-1268-3

R.T.: 8.349 min
Delta R.T.: -0.001 min
Response: 14122
Conc: 4.96 ng/ml



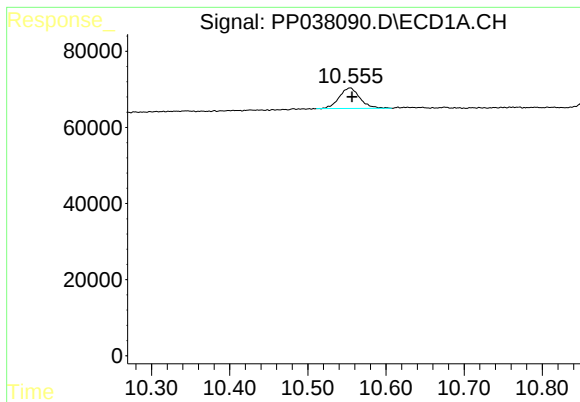
#44 AR-1268-4

R.T.: 10.145 min
Delta R.T.: -0.003 min
Response: 349777
Conc: 316.98 ng/ml



#44 AR-1268-4

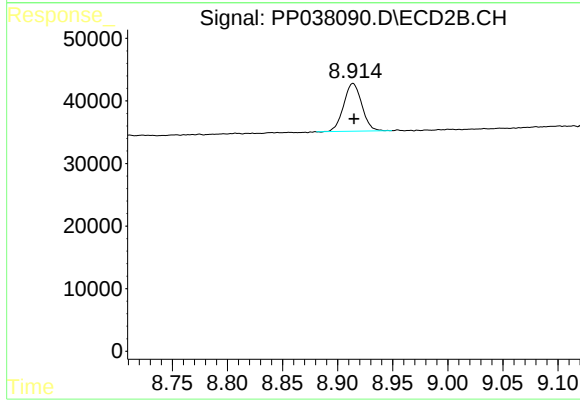
R.T.: 8.640 min
Delta R.T.: -0.001 min
Response: 318088
Conc: 251.34 ng/ml



#45 AR-1268-5

R.T.: 10.554 min
Delta R.T.: -0.003 min
Response: 99205
Conc: 11.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.914 min
Delta R.T.: -0.001 min
Response: 87546
Conc: 9.22 ng/ml