

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071521\
 Data File : PP037309.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Jul 2021 14:41
 Operator : DD\AJ
 Sample : M3043-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 15:40:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 07 08:32:32 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.956	3.947	931109	514948	20.487	18.818
2)	SA Decachlor...	10.984	9.239	604007	317226	13.120	11.397
Target Compounds							
3)	L1 AR-1016-1	6.275	5.197	843613	486211	485.474	470.496
4)	L1 AR-1016-2	6.299	5.217	1201439	679393	480.558	474.520
5)	L1 AR-1016-3	6.366	5.407	763490	375737	479.371	480.911
6)	L1 AR-1016-4	6.473	5.460	668928	274935	507.307	455.500
7)	L1 AR-1016-5	6.787	5.688	584127	356732	461.757	461.972
8)	L2 AR-1221-1	5.204	4.201	158158	53091	298.203	173.830 #
9)	L2 AR-1221-2	5.304	4.301	110349	65728	272.378	279.200
10)	L2 AR-1221-3	5.392	4.389	501712	286349	411.766	384.990
11)	L3 AR-1232-1	5.392	4.389	501712	286349	451.540	421.742
12)	L3 AR-1232-2	5.981	5.217	625626	679393	1049.227	1085.446
13)	L3 AR-1232-3	6.299	5.407	1201439	375737	1097.950	1131.693
14)	L3 AR-1232-4	6.473	5.505	668928	336314	1152.184	1219.810
15)	L3 AR-1232-5	6.570	5.688	480237	356732	1248.709	1200.023
16)	L4 AR-1242-1	6.275	5.197	843613	486211	661.820	645.100
17)	L4 AR-1242-2	6.299	5.217	1201439	679393	662.637	660.265
18)	L4 AR-1242-3	6.366	5.407	763490	375737	663.809	659.862
19)	L4 AR-1242-4	6.473	5.505	668928	336314	698.764	652.560
20)	L4 AR-1242-5	7.255	6.068	85895	259724	82.594	381.567 #
21)	L5 AR-1248-1	6.275	5.197	843613	486211	803.767	770.458
22)	L5 AR-1248-2	6.570	5.460	480237	274935	323.490	335.177
23)	L5 AR-1248-3	6.787	5.505	584127	336314	353.630	392.994
24)	L5 AR-1248-4	7.215	5.688	90675	356732	47.974	350.536 #
25)	L5 AR-1248-5	7.255	6.110	85895	41880	45.894	39.481
26)	L6 AR-1254-1	7.185	6.068	413624	259724	230.239	174.949
27)	L6 AR-1254-2	7.414	6.227	496830	251619	178.608	193.702
28)	L6 AR-1254-3	7.796	6.647	291711	130994	94.619	61.383 #
29)	L6 AR-1254-4	8.090	6.887	173616	53108	76.434	39.144 #
30)	L6 AR-1254-5	8.520	7.316	1464645	877599	585.297	468.143
31)	L7 AR-1260-1	7.962	6.785	1000878	613674	454.648	444.108
32)	L7 AR-1260-2	8.229	6.983	1175372	722388	422.526	430.010
33)	L7 AR-1260-3	8.593	7.136	748564	685961	370.360	400.350
34)	L7 AR-1260-4	8.824	7.621	965874	483930	392.662	355.954
35)	L7 AR-1260-5	9.152	7.870	1698787	1111162	368.149	344.501
36)	L8 AR-1262-1	8.593	7.316	748564	877599	257.018	845.153 #
37)	L8 AR-1262-2	9.152	7.870	1698787	1111162	323.472	319.423
38)	L8 AR-1262-3	9.488f	8.157	1181097	214176	308.250	152.119 #
39)	L8 AR-1262-4	9.538f	8.217	675647	816696	229.935	306.683 #
40)	L8 AR-1262-5	10.229	8.718	478188	251351	224.891	198.853
41)	L9 AR-1268-1	9.488f	8.157	1181097	214176	194.490	53.744 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071521\
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 Operator : DD\AJ
 Sample : M3043-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

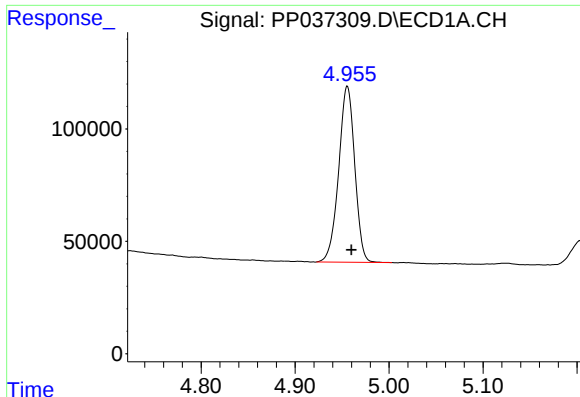
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 15:40:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.591f	8.217	37057	816696	6.447	220.660 #
43) L9	AR-1268-3	9.788	8.430	33641	11909	6.861	3.791 #
44) L9	AR-1268-4	10.229	8.718	478188	251351	209.025	183.403
45) L9	AR-1268-5	10.645	8.997	163254	73715	10.311	7.162 #

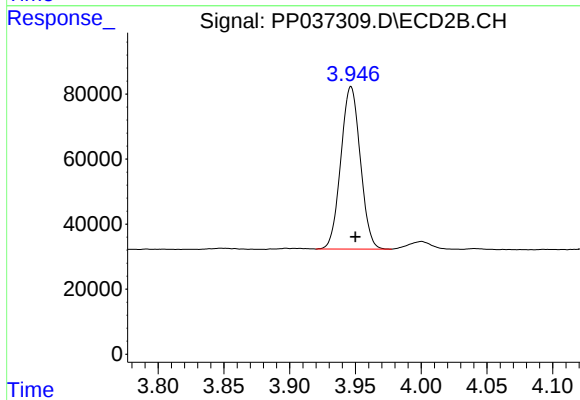
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

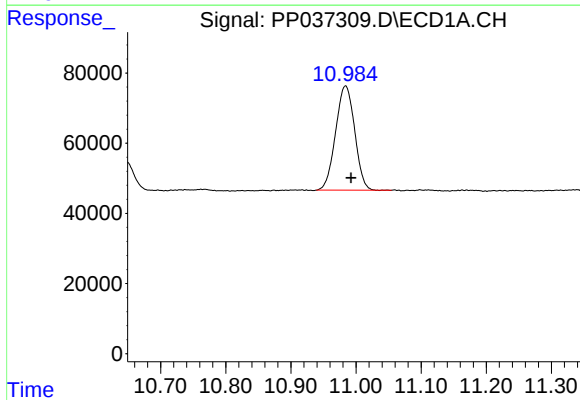
R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 931109
Conc: 20.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



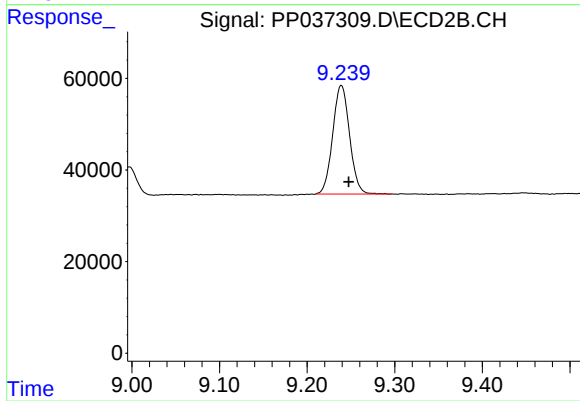
#1 Tetrachloro-m-xylene

R.T.: 3.947 min
Delta R.T.: -0.003 min
Response: 514948
Conc: 18.82 ng/ml



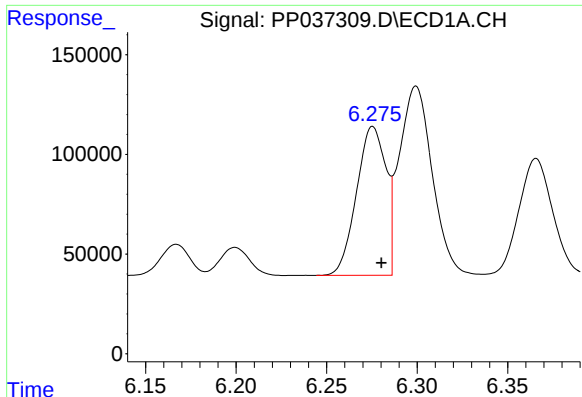
#2 Decachlorobiphenyl

R.T.: 10.984 min
Delta R.T.: -0.008 min
Response: 604007
Conc: 13.12 ng/ml



#2 Decachlorobiphenyl

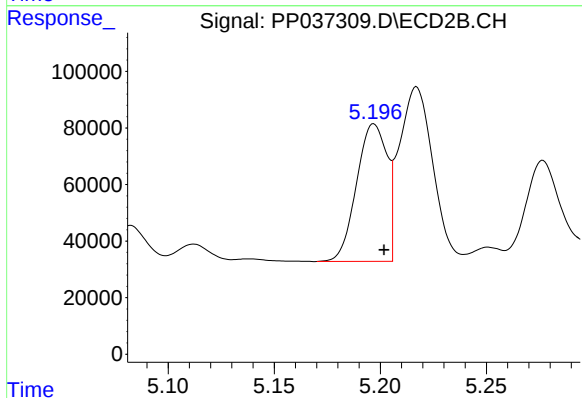
R.T.: 9.239 min
Delta R.T.: -0.008 min
Response: 317226
Conc: 11.40 ng/ml



#3 AR-1016-1

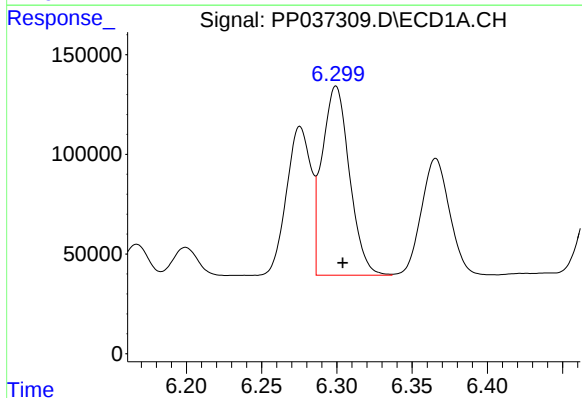
R.T.: 6.275 min
Delta R.T.: -0.005 min
Response: 843613
Conc: 485.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



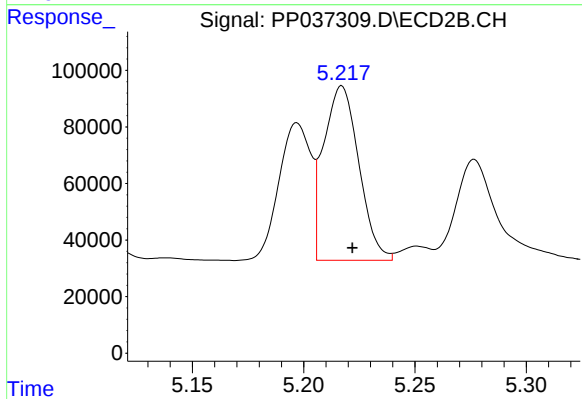
#3 AR-1016-1

R.T.: 5.197 min
Delta R.T.: -0.005 min
Response: 486211
Conc: 470.50 ng/ml



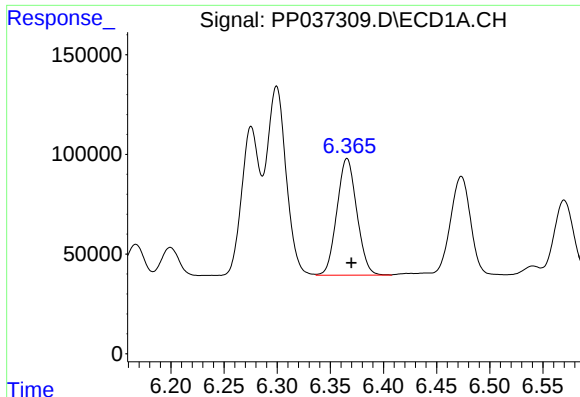
#4 AR-1016-2

R.T.: 6.299 min
Delta R.T.: -0.005 min
Response: 1201439
Conc: 480.56 ng/ml



#4 AR-1016-2

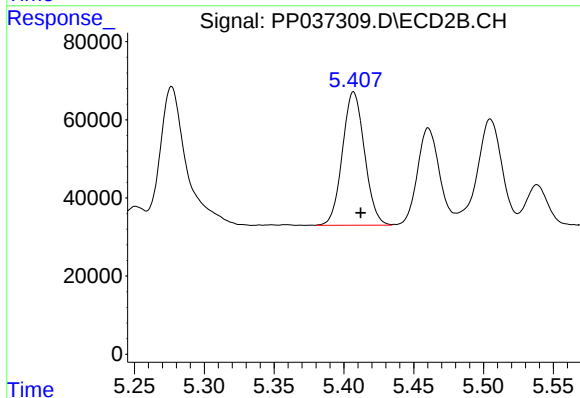
R.T.: 5.217 min
Delta R.T.: -0.005 min
Response: 679393
Conc: 474.52 ng/ml



#5 AR-1016-3

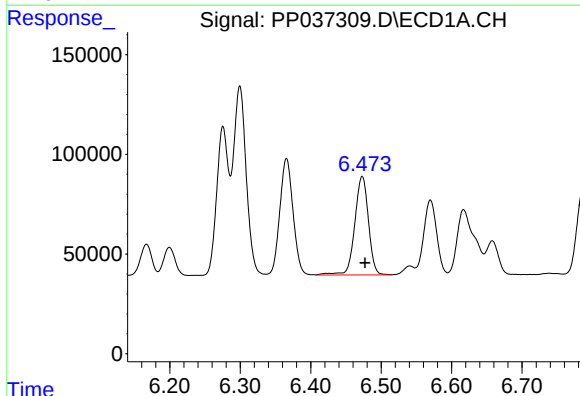
R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 763490
Conc: 479.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



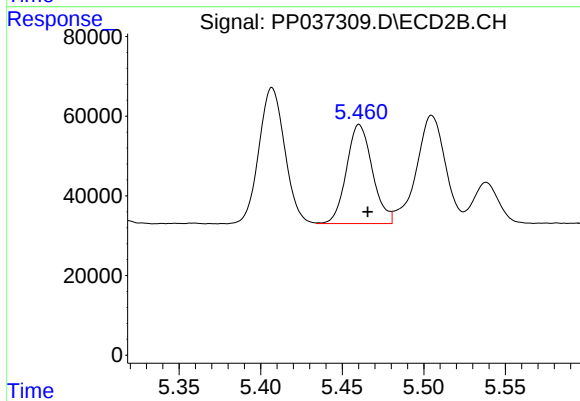
#5 AR-1016-3

R.T.: 5.407 min
Delta R.T.: -0.005 min
Response: 375737
Conc: 480.91 ng/ml



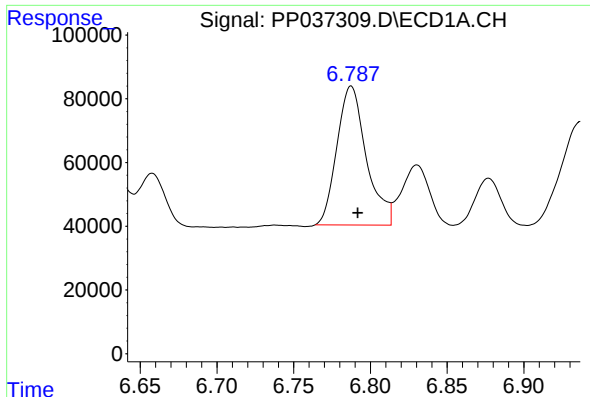
#6 AR-1016-4

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 668928
Conc: 507.31 ng/ml



#6 AR-1016-4

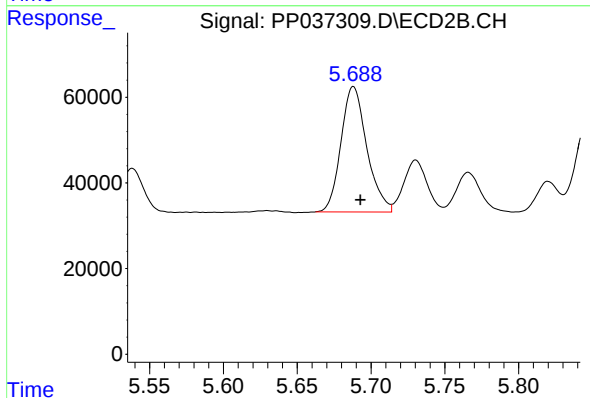
R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 274935
Conc: 455.50 ng/ml



#7 AR-1016-5

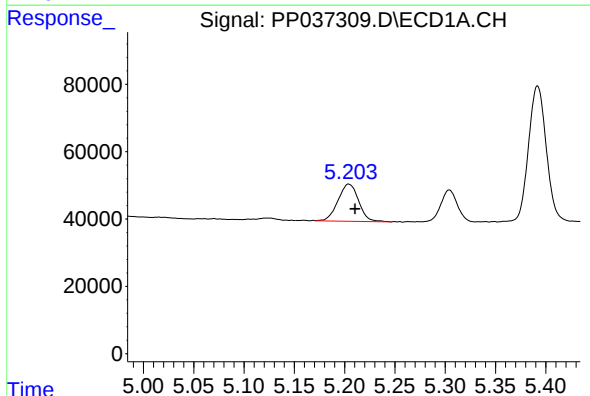
R.T.: 6.787 min
Delta R.T.: -0.004 min
Response: 584127
Conc: 461.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



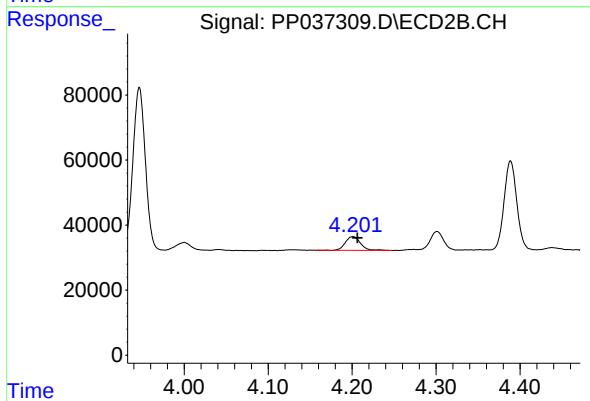
#7 AR-1016-5

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 356732
Conc: 461.97 ng/ml



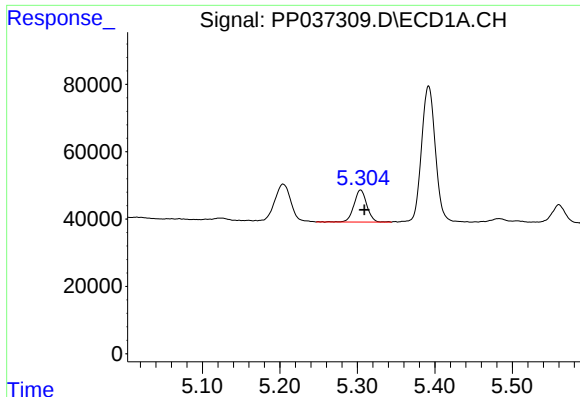
#8 AR-1221-1

R.T.: 5.204 min
Delta R.T.: -0.006 min
Response: 158158
Conc: 298.20 ng/ml



#8 AR-1221-1

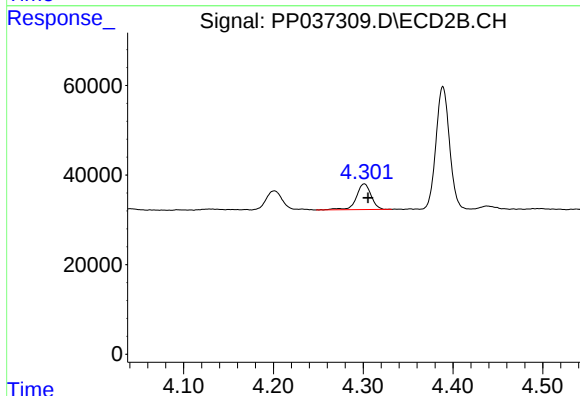
R.T.: 4.201 min
Delta R.T.: -0.006 min
Response: 53091
Conc: 173.83 ng/ml



#9 AR-1221-2

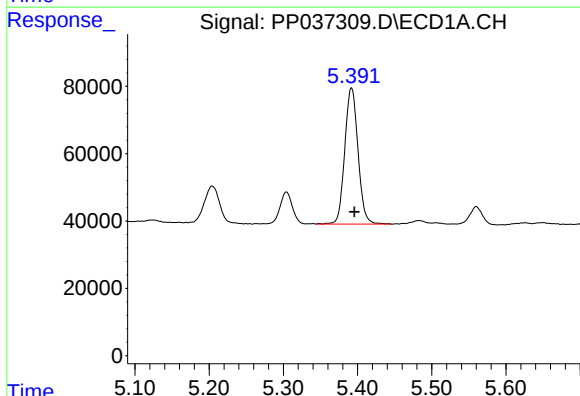
R.T.: 5.304 min
Delta R.T.: -0.005 min
Response: 110349
Conc: 272.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



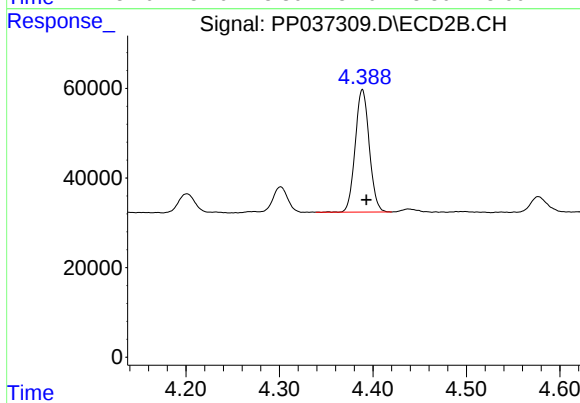
#9 AR-1221-2

R.T.: 4.301 min
Delta R.T.: -0.004 min
Response: 65728
Conc: 279.20 ng/ml



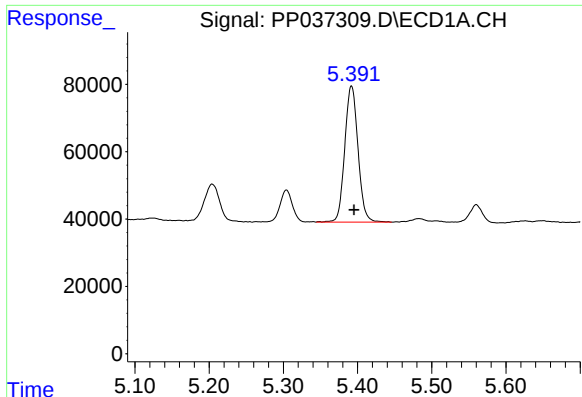
#10 AR-1221-3

R.T.: 5.392 min
Delta R.T.: -0.004 min
Response: 501712
Conc: 411.77 ng/ml



#10 AR-1221-3

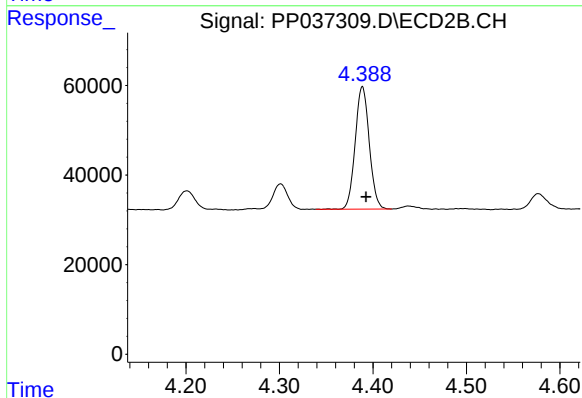
R.T.: 4.389 min
Delta R.T.: -0.004 min
Response: 286349
Conc: 384.99 ng/ml



#11 AR-1232-1

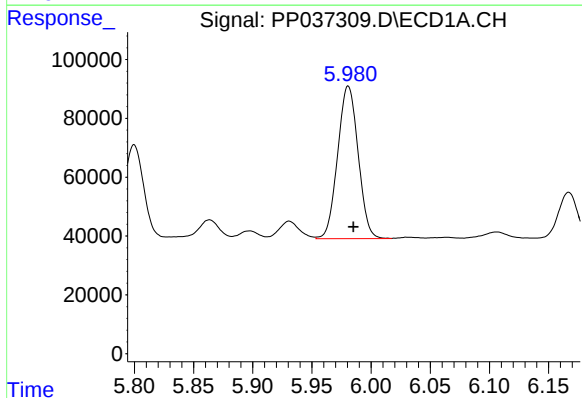
R.T.: 5.392 min
Delta R.T.: -0.004 min
Response: 501712
Conc: 451.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



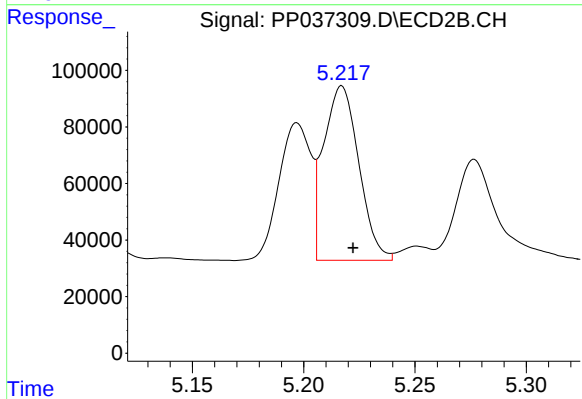
#11 AR-1232-1

R.T.: 4.389 min
Delta R.T.: -0.004 min
Response: 286349
Conc: 421.74 ng/ml



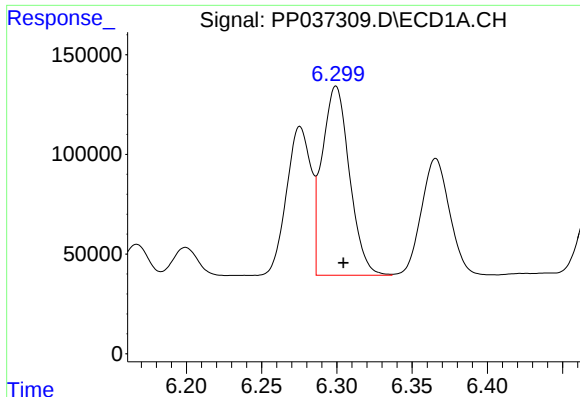
#12 AR-1232-2

R.T.: 5.981 min
Delta R.T.: -0.004 min
Response: 625626
Conc: 1049.23 ng/ml



#12 AR-1232-2

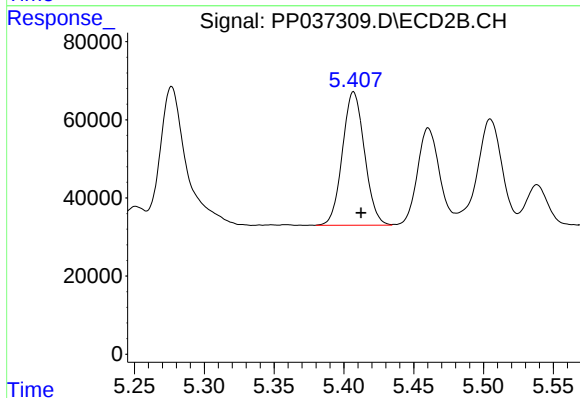
R.T.: 5.217 min
Delta R.T.: -0.005 min
Response: 679393
Conc: 1085.45 ng/ml



#13 AR-1232-3

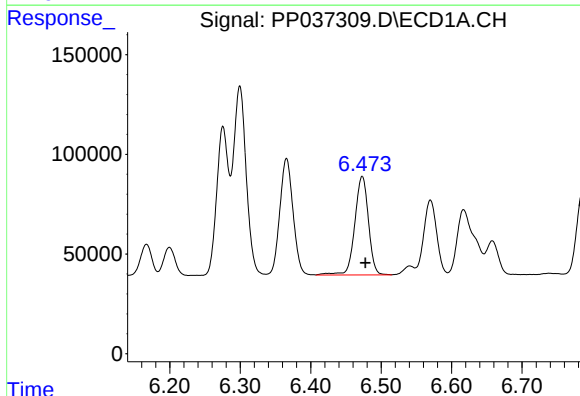
R.T.: 6.299 min
Delta R.T.: -0.005 min
Response: 1201439
Conc: 1097.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



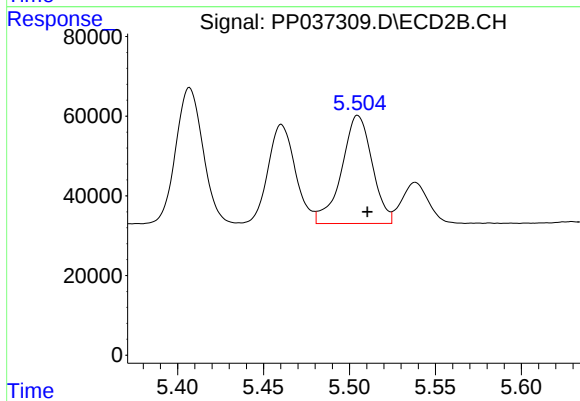
#13 AR-1232-3

R.T.: 5.407 min
Delta R.T.: -0.005 min
Response: 375737
Conc: 1131.69 ng/ml



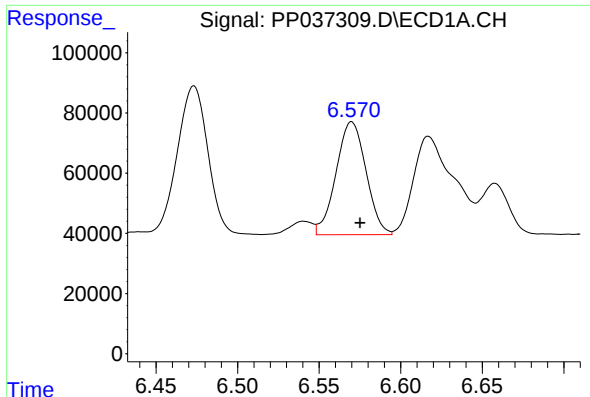
#14 AR-1232-4

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 668928
Conc: 1152.18 ng/ml



#14 AR-1232-4

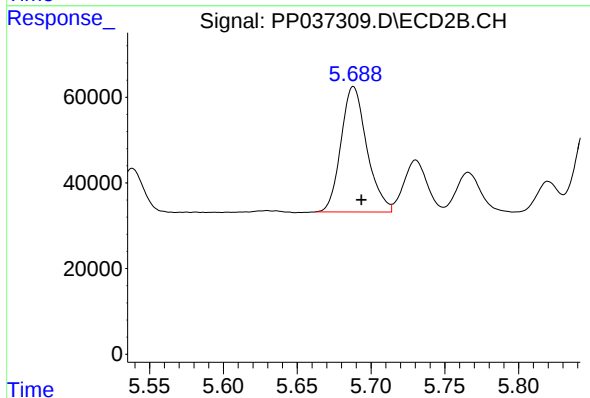
R.T.: 5.505 min
Delta R.T.: -0.006 min
Response: 336314
Conc: 1219.81 ng/ml



#15 AR-1232-5

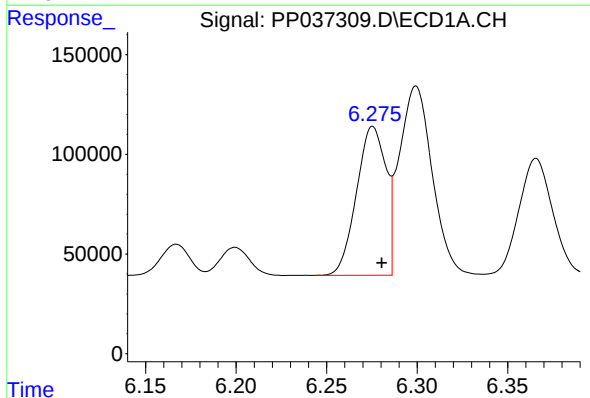
R.T.: 6.570 min
Delta R.T.: -0.005 min
Response: 480237
Conc: 1248.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



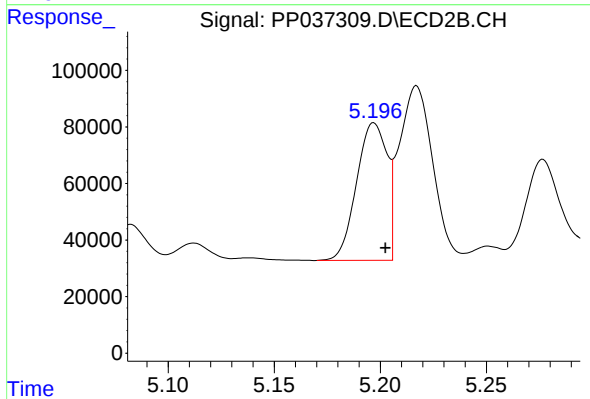
#15 AR-1232-5

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 356732
Conc: 1200.02 ng/ml



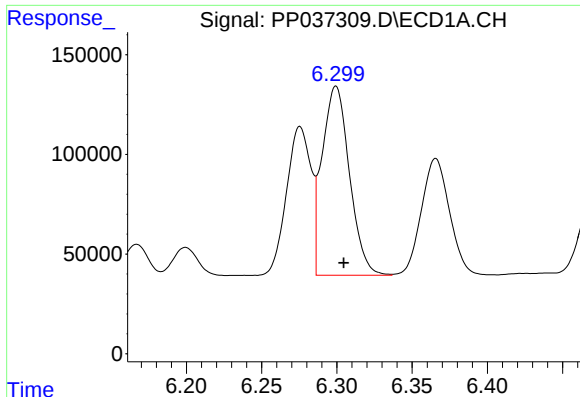
#16 AR-1242-1

R.T.: 6.275 min
Delta R.T.: -0.005 min
Response: 843613
Conc: 661.82 ng/ml



#16 AR-1242-1

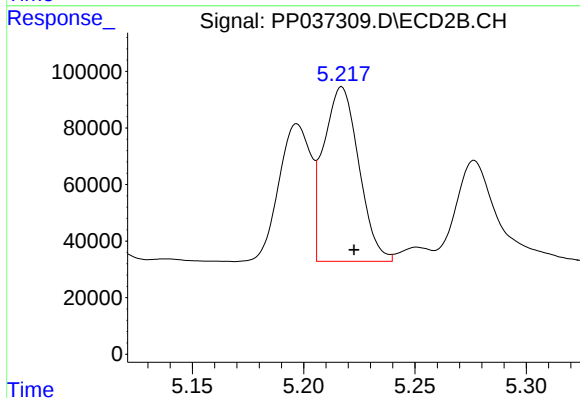
R.T.: 5.197 min
Delta R.T.: -0.005 min
Response: 486211
Conc: 645.10 ng/ml



#17 AR-1242-2

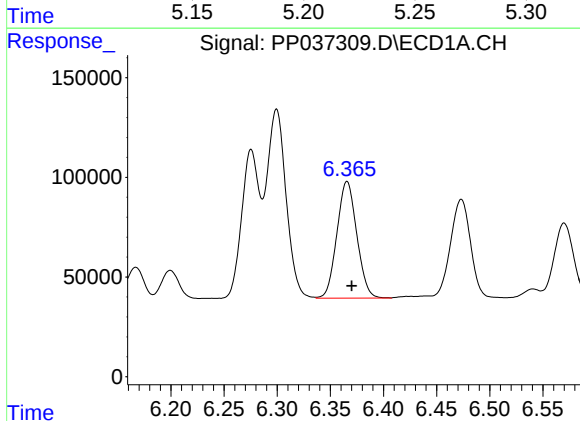
R.T.: 6.299 min
Delta R.T.: -0.005 min
Response: 1201439
Conc: 662.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



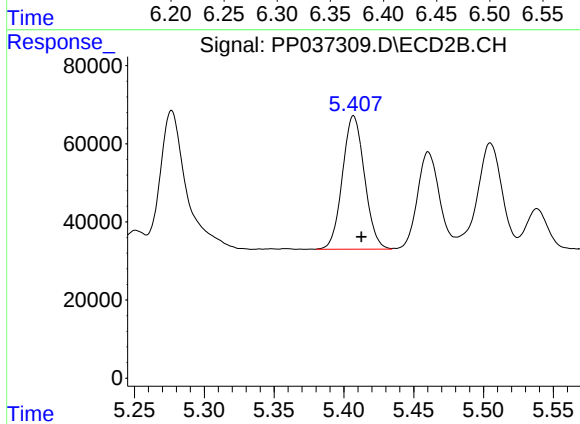
#17 AR-1242-2

R.T.: 5.217 min
Delta R.T.: -0.006 min
Response: 679393
Conc: 660.26 ng/ml



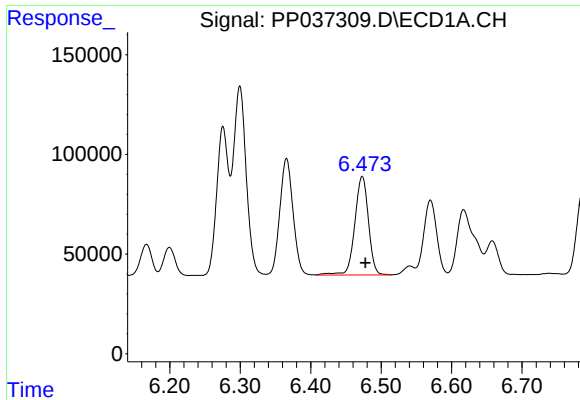
#18 AR-1242-3

R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 763490
Conc: 663.81 ng/ml



#18 AR-1242-3

R.T.: 5.407 min
Delta R.T.: -0.006 min
Response: 375737
Conc: 659.86 ng/ml



#19 AR-1242-4

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 668928
Conc: 698.76 ng/ml

Instrument :
ECD_P
ClientSampleId :

#19 AR-1242-4

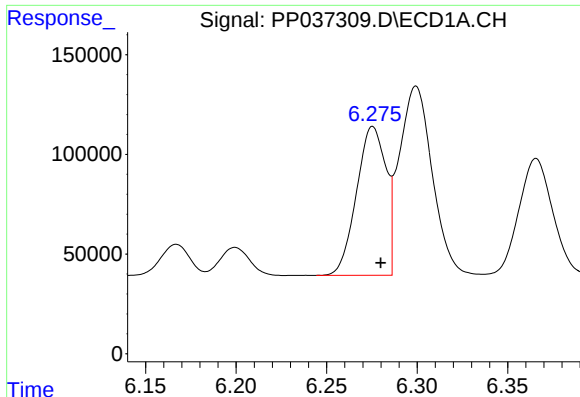
R.T.: 5.505 min
Delta R.T.: -0.005 min
Response: 336314
Conc: 652.56 ng/ml

#20 AR-1242-5

R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 85895
Conc: 82.59 ng/ml

#20 AR-1242-5

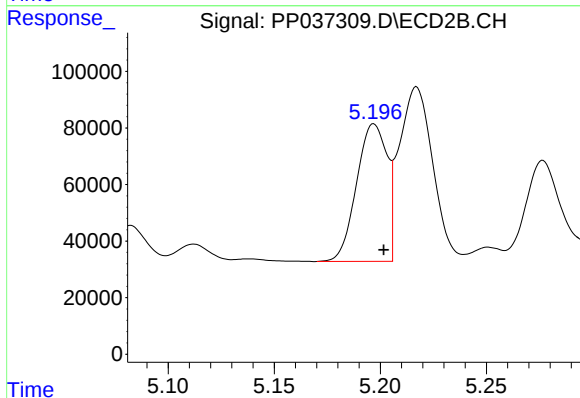
R.T.: 6.068 min
Delta R.T.: -0.006 min
Response: 259724
Conc: 381.57 ng/ml



#21 AR-1248-1

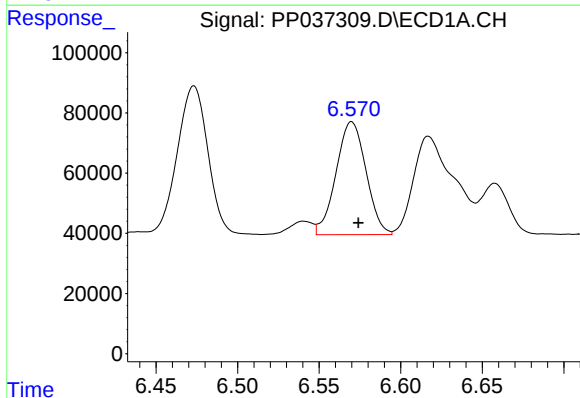
R.T.: 6.275 min
Delta R.T.: -0.004 min
Response: 843613
Conc: 803.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



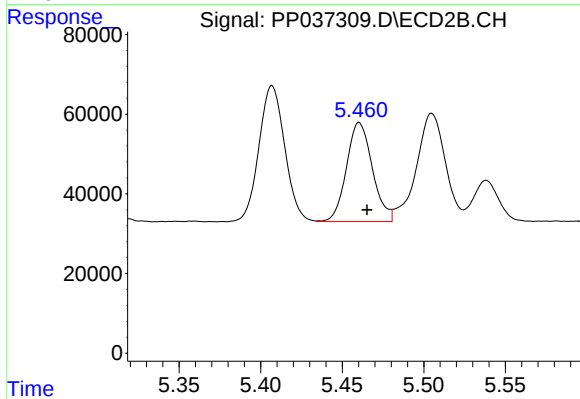
#21 AR-1248-1

R.T.: 5.197 min
Delta R.T.: -0.005 min
Response: 486211
Conc: 770.46 ng/ml



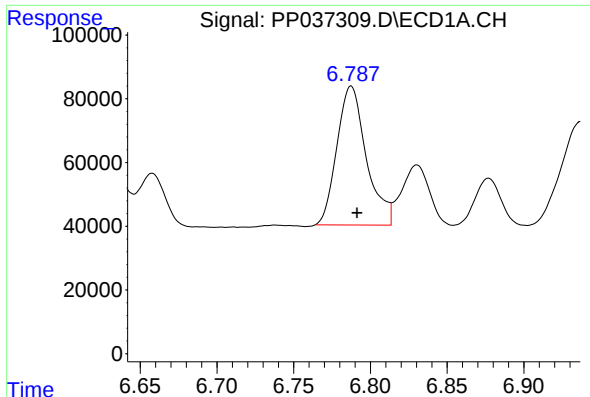
#22 AR-1248-2

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 480237
Conc: 323.49 ng/ml



#22 AR-1248-2

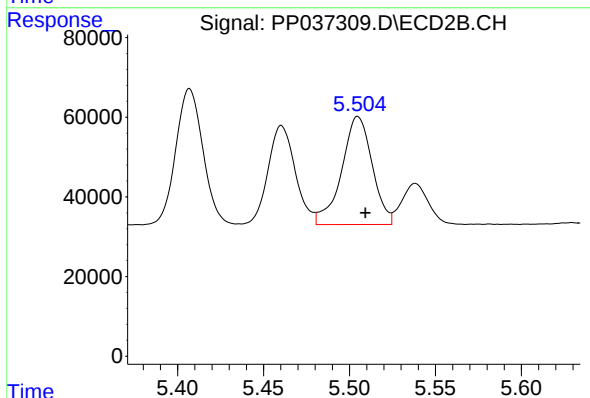
R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 274935
Conc: 335.18 ng/ml



#23 AR-1248-3

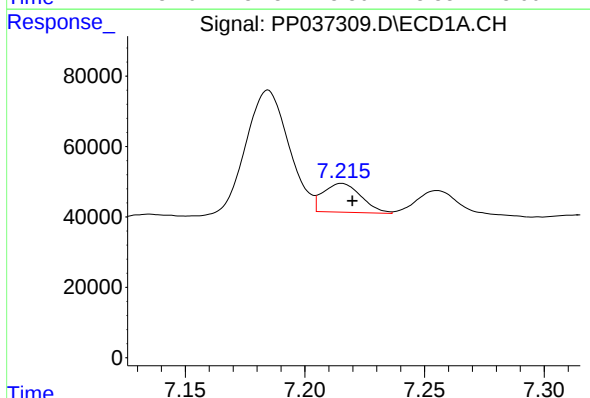
R.T.: 6.787 min
Delta R.T.: -0.004 min
Response: 584127
Conc: 353.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



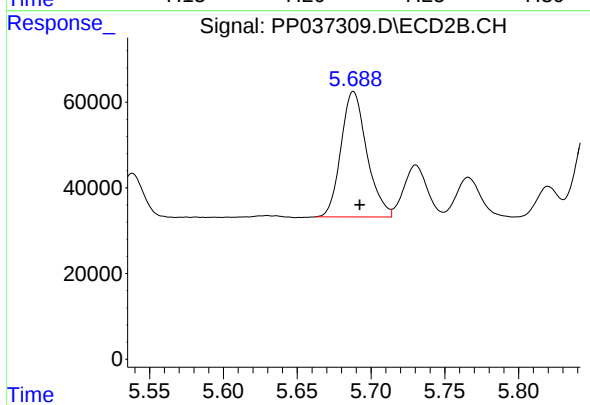
#23 AR-1248-3

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 336314
Conc: 392.99 ng/ml



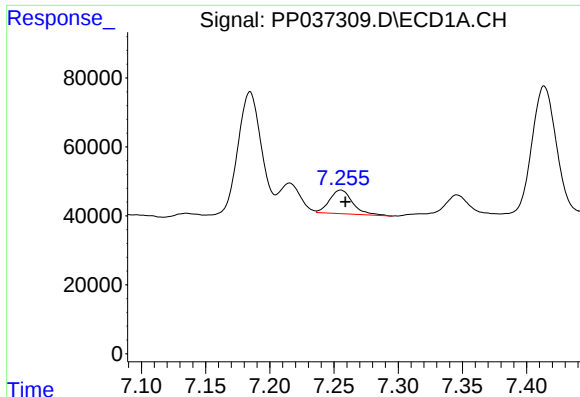
#24 AR-1248-4

R.T.: 7.215 min
Delta R.T.: -0.004 min
Response: 90675
Conc: 47.97 ng/ml



#24 AR-1248-4

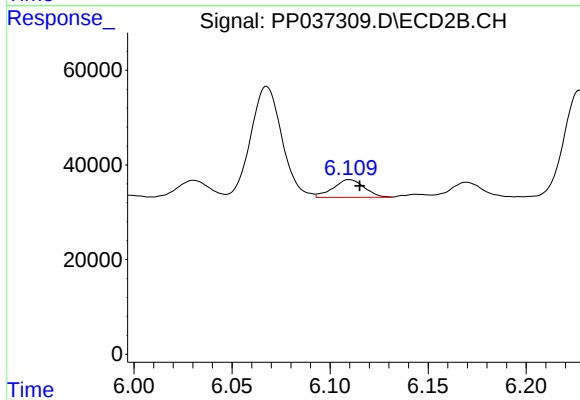
R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 356732
Conc: 350.54 ng/ml



#25 AR-1248-5

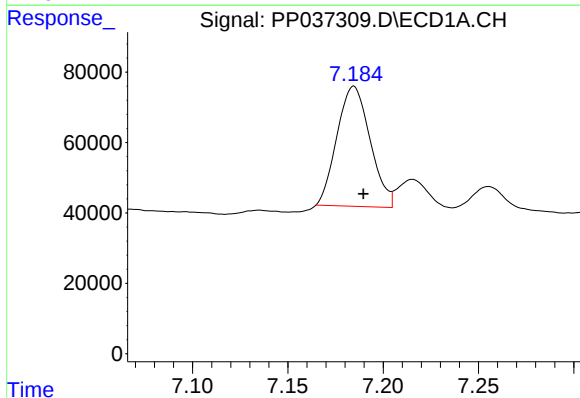
R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 85895
Conc: 45.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



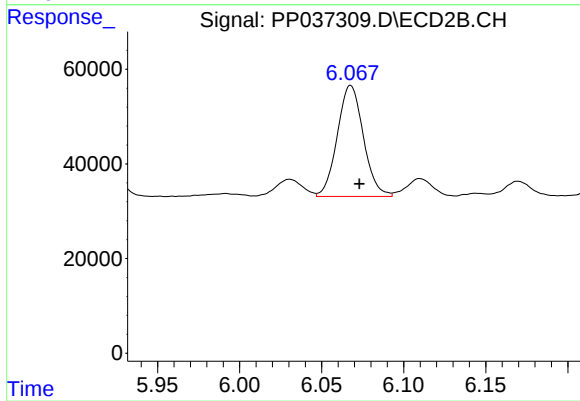
#25 AR-1248-5

R.T.: 6.110 min
Delta R.T.: -0.005 min
Response: 41880
Conc: 39.48 ng/ml



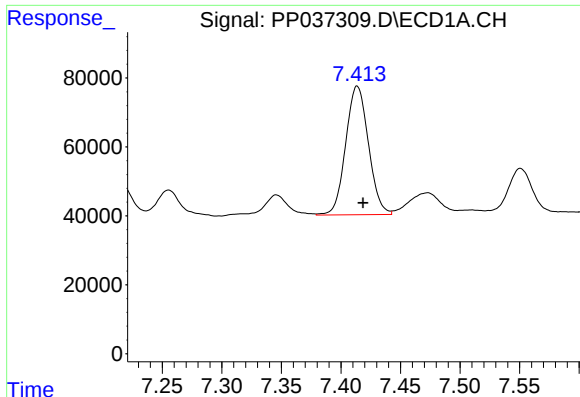
#26 AR-1254-1

R.T.: 7.185 min
Delta R.T.: -0.005 min
Response: 413624
Conc: 230.24 ng/ml



#26 AR-1254-1

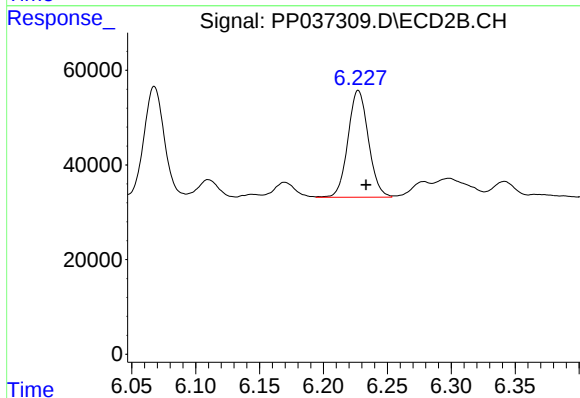
R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 259724
Conc: 174.95 ng/ml



#27 AR-1254-2

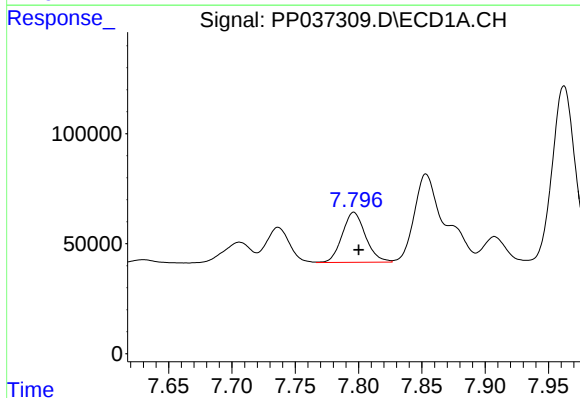
R.T.: 7.414 min
Delta R.T.: -0.005 min
Response: 496830
Conc: 178.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



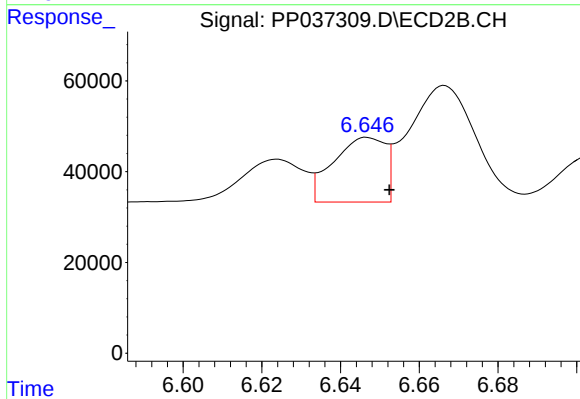
#27 AR-1254-2

R.T.: 6.227 min
Delta R.T.: -0.006 min
Response: 251619
Conc: 193.70 ng/ml



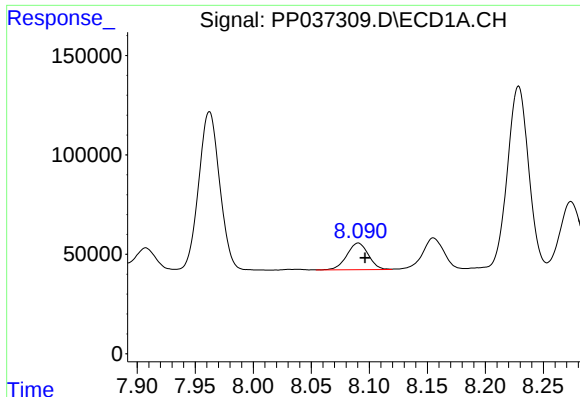
#28 AR-1254-3

R.T.: 7.796 min
Delta R.T.: -0.004 min
Response: 291711
Conc: 94.62 ng/ml



#28 AR-1254-3

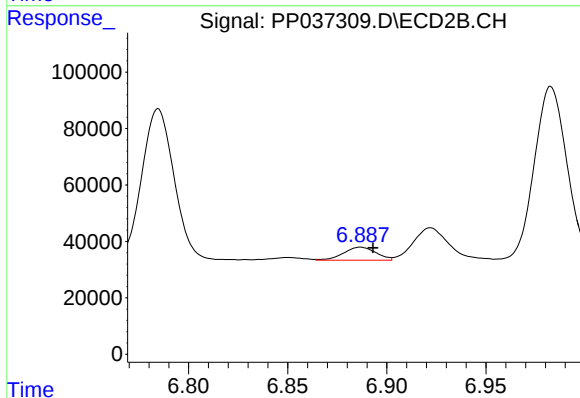
R.T.: 6.647 min
Delta R.T.: -0.006 min
Response: 130994
Conc: 61.38 ng/ml



#29 AR-1254-4

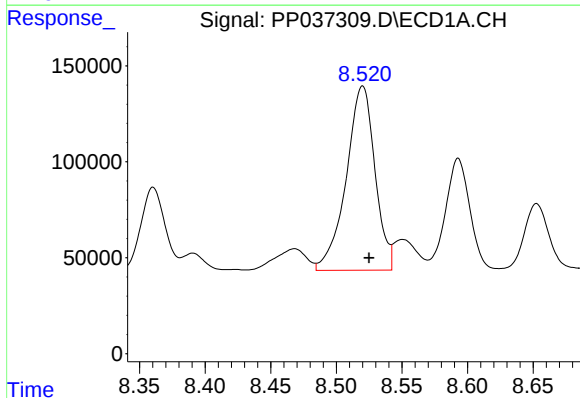
R.T.: 8.090 min
Delta R.T.: -0.006 min
Response: 173616
Conc: 76.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



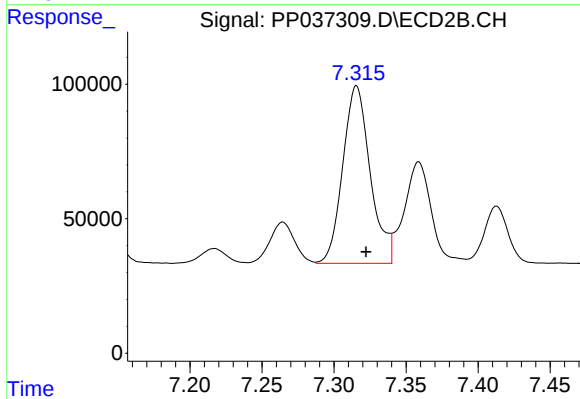
#29 AR-1254-4

R.T.: 6.887 min
Delta R.T.: -0.006 min
Response: 53108
Conc: 39.14 ng/ml



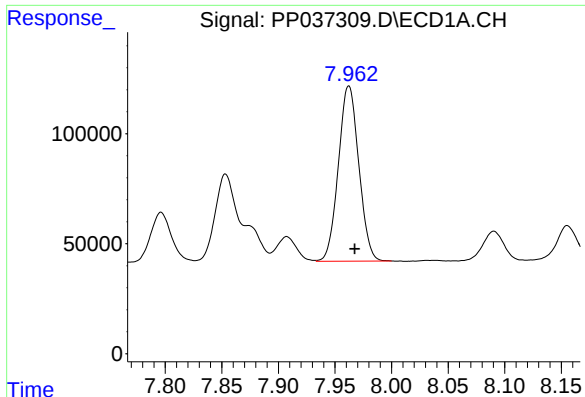
#30 AR-1254-5

R.T.: 8.520 min
Delta R.T.: -0.005 min
Response: 1464645
Conc: 585.30 ng/ml



#30 AR-1254-5

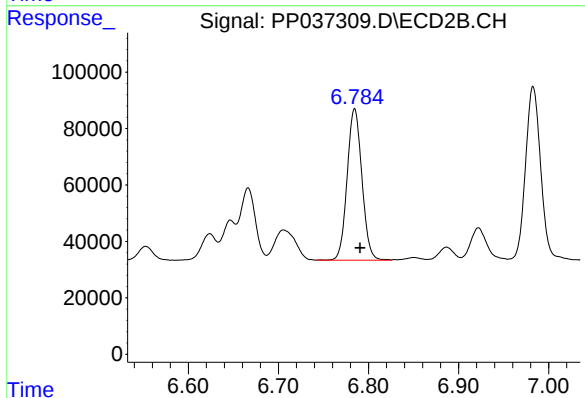
R.T.: 7.316 min
Delta R.T.: -0.007 min
Response: 877599
Conc: 468.14 ng/ml



#31 AR-1260-1

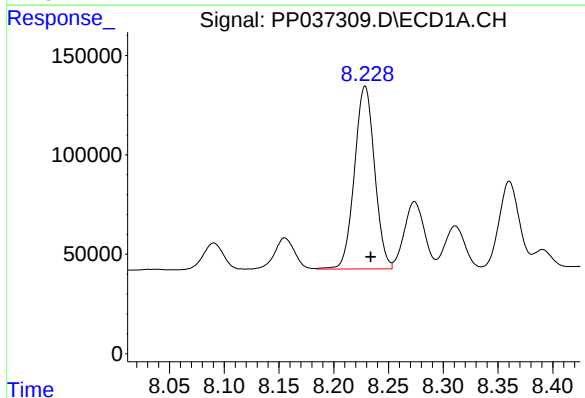
R.T.: 7.962 min
Delta R.T.: -0.005 min
Response: 1000878
Conc: 454.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



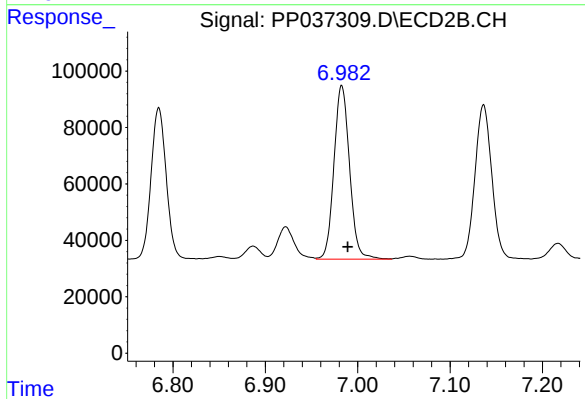
#31 AR-1260-1

R.T.: 6.785 min
Delta R.T.: -0.006 min
Response: 613674
Conc: 444.11 ng/ml



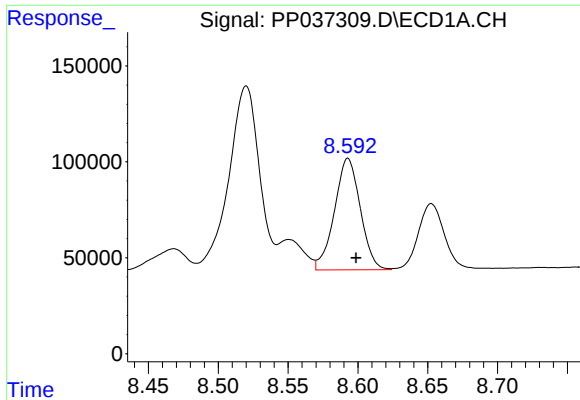
#32 AR-1260-2

R.T.: 8.229 min
Delta R.T.: -0.005 min
Response: 1175372
Conc: 422.53 ng/ml



#32 AR-1260-2

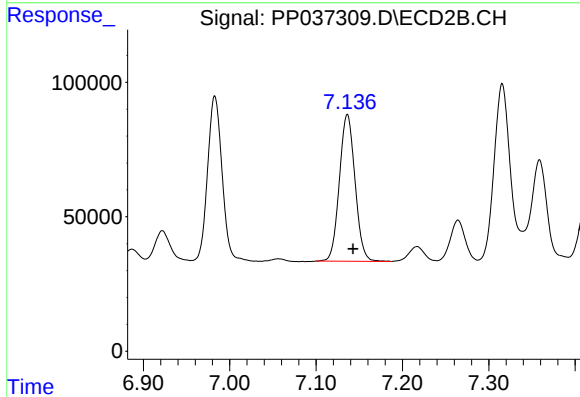
R.T.: 6.983 min
Delta R.T.: -0.006 min
Response: 722388
Conc: 430.01 ng/ml



#33 AR-1260-3

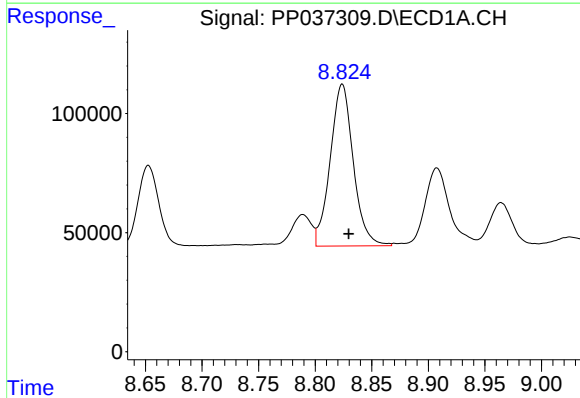
R.T.: 8.593 min
Delta R.T.: -0.006 min
Response: 748564
Conc: 370.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



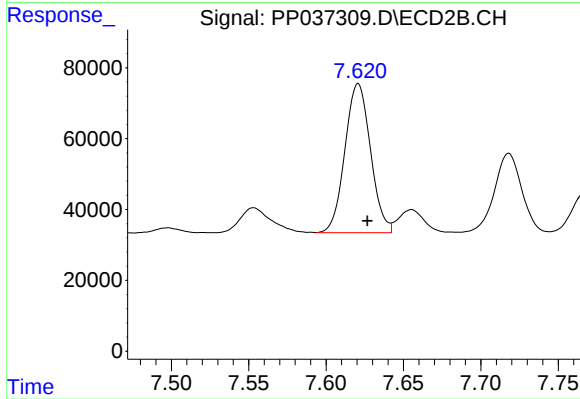
#33 AR-1260-3

R.T.: 7.136 min
Delta R.T.: -0.006 min
Response: 685961
Conc: 400.35 ng/ml



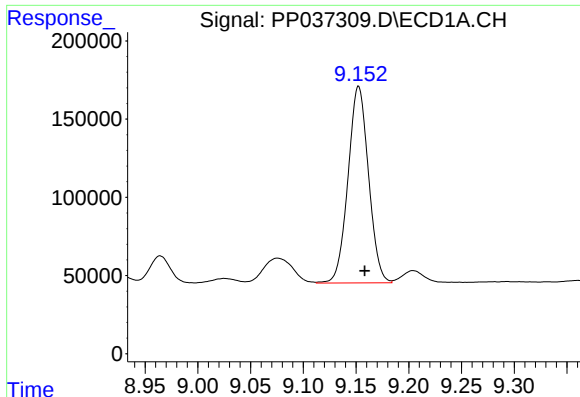
#34 AR-1260-4

R.T.: 8.824 min
Delta R.T.: -0.006 min
Response: 965874
Conc: 392.66 ng/ml



#34 AR-1260-4

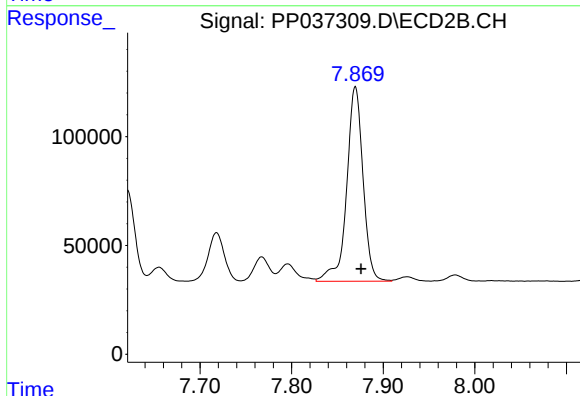
R.T.: 7.621 min
Delta R.T.: -0.006 min
Response: 483930
Conc: 355.95 ng/ml



#35 AR-1260-5

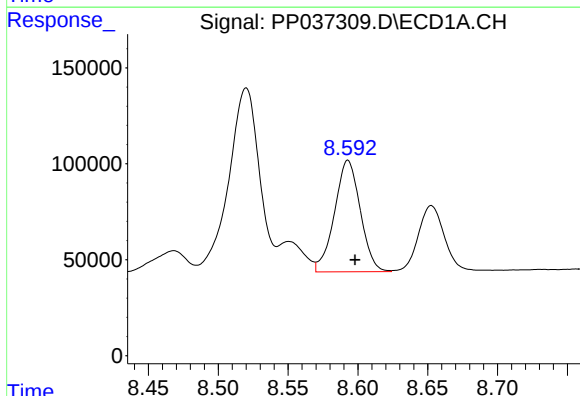
R.T.: 9.152 min
Delta R.T.: -0.006 min
Response: 1698787
Conc: 368.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



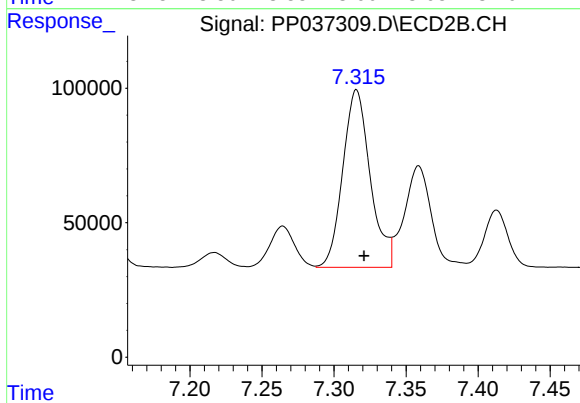
#35 AR-1260-5

R.T.: 7.870 min
Delta R.T.: -0.006 min
Response: 1111162
Conc: 344.50 ng/ml



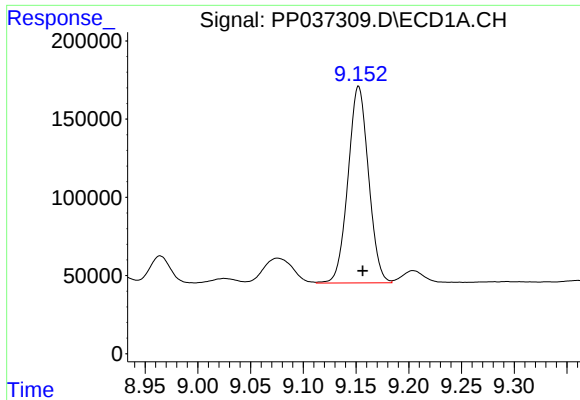
#36 AR-1262-1

R.T.: 8.593 min
Delta R.T.: -0.005 min
Response: 748564
Conc: 257.02 ng/ml



#36 AR-1262-1

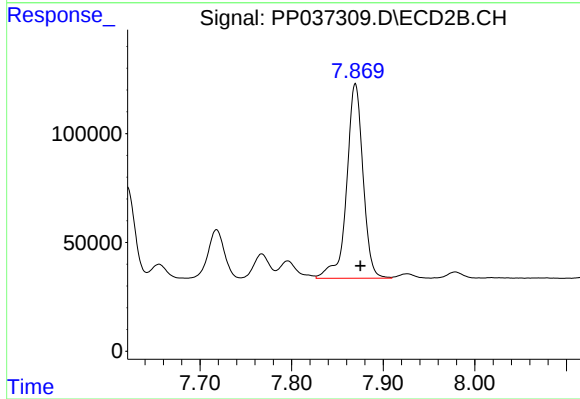
R.T.: 7.316 min
Delta R.T.: -0.005 min
Response: 877599
Conc: 845.15 ng/ml



#37 AR-1262-2

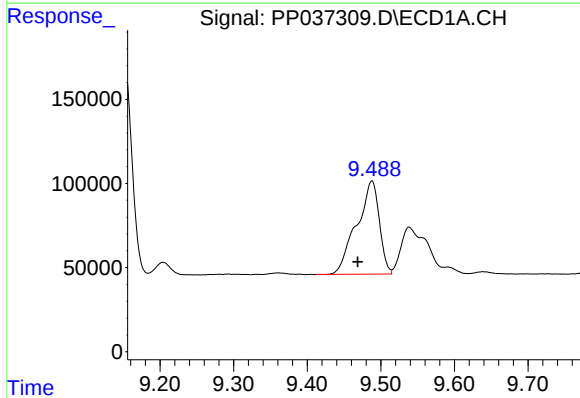
R.T.: 9.152 min
Delta R.T.: -0.004 min
Response: 1698787
Conc: 323.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



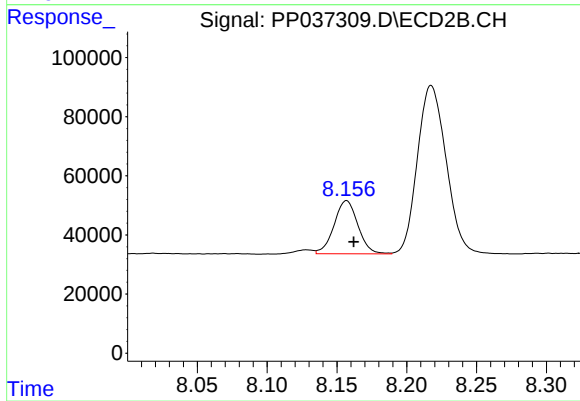
#37 AR-1262-2

R.T.: 7.870 min
Delta R.T.: -0.006 min
Response: 1111162
Conc: 319.42 ng/ml



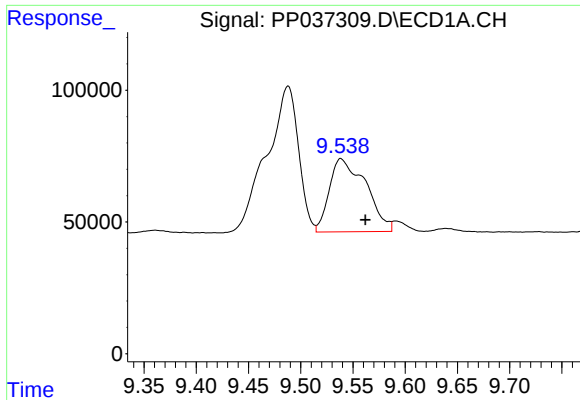
#38 AR-1262-3

R.T.: 9.488 min
Delta R.T.: 0.019 min
Response: 1181097
Conc: 308.25 ng/ml



#38 AR-1262-3

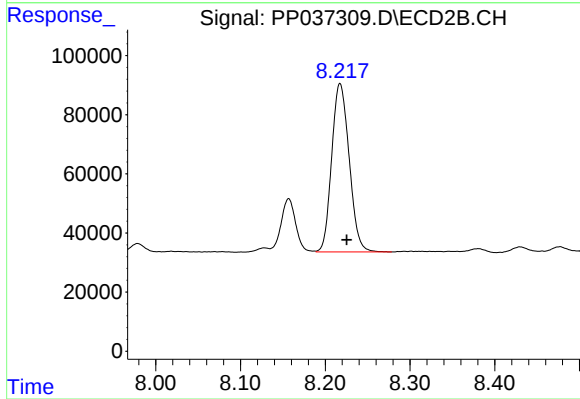
R.T.: 8.157 min
Delta R.T.: -0.005 min
Response: 214176
Conc: 152.12 ng/ml



#39 AR-1262-4

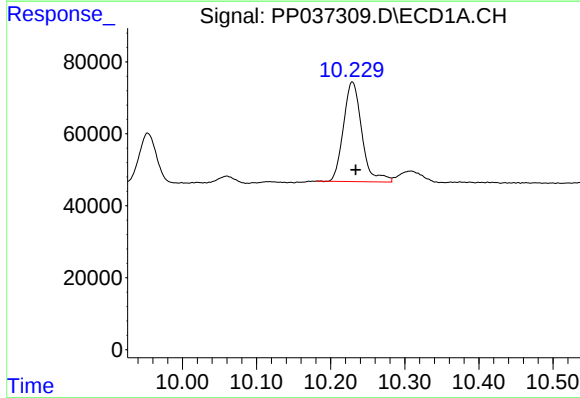
R.T.: 9.538 min
Delta R.T.: -0.023 min
Response: 675647
Conc: 229.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



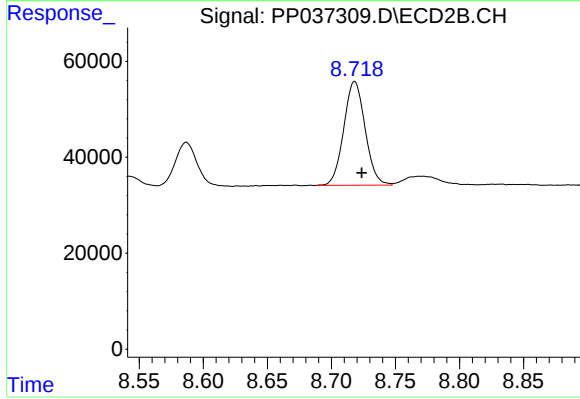
#39 AR-1262-4

R.T.: 8.217 min
Delta R.T.: -0.008 min
Response: 816696
Conc: 306.68 ng/ml



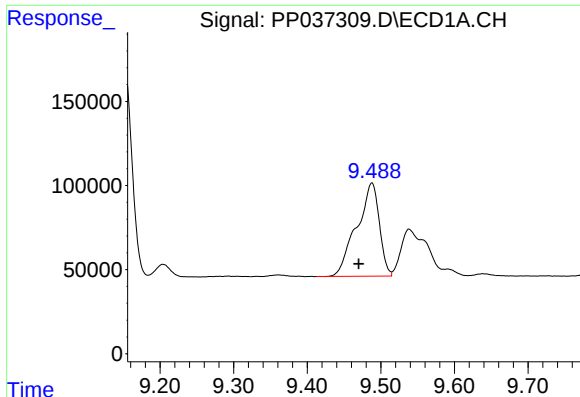
#40 AR-1262-5

R.T.: 10.229 min
Delta R.T.: -0.005 min
Response: 478188
Conc: 224.89 ng/ml



#40 AR-1262-5

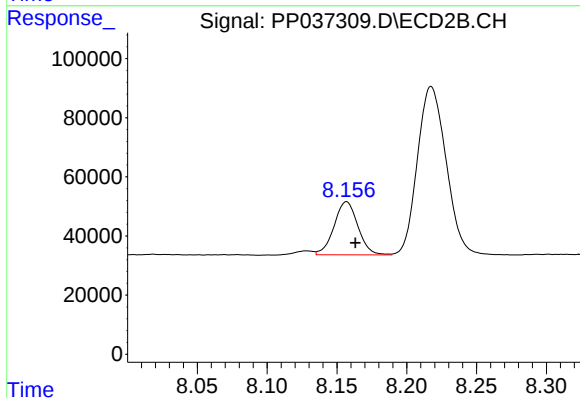
R.T.: 8.718 min
Delta R.T.: -0.006 min
Response: 251351
Conc: 198.85 ng/ml



#41 AR-1268-1

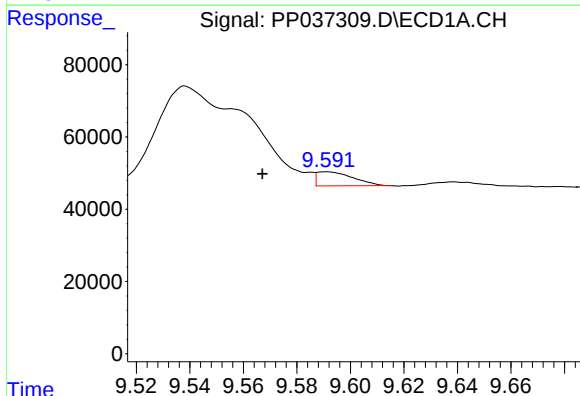
R.T.: 9.488 min
Delta R.T.: 0.018 min
Response: 1181097
Conc: 194.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



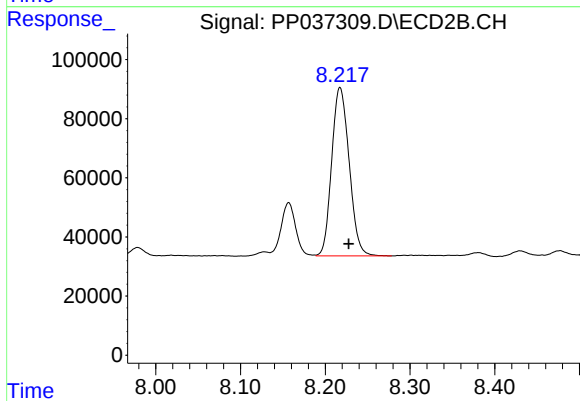
#41 AR-1268-1

R.T.: 8.157 min
Delta R.T.: -0.006 min
Response: 214176
Conc: 53.74 ng/ml



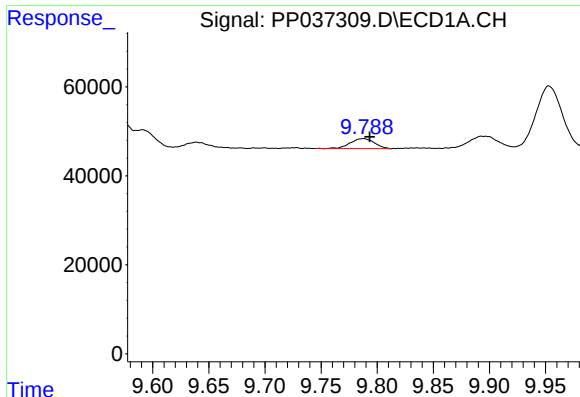
#42 AR-1268-2

R.T.: 9.591 min
Delta R.T.: 0.024 min
Response: 37057
Conc: 6.45 ng/ml



#42 AR-1268-2

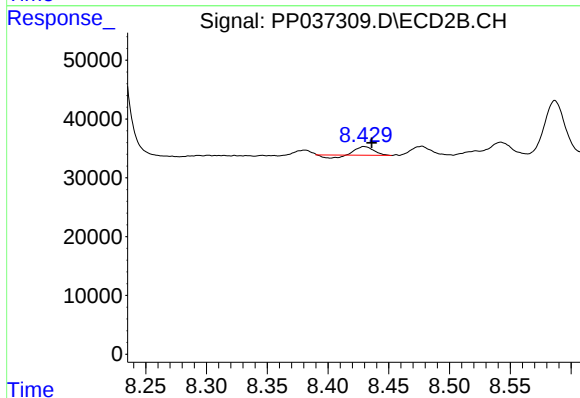
R.T.: 8.217 min
Delta R.T.: -0.010 min
Response: 816696
Conc: 220.66 ng/ml



#43 AR-1268-3

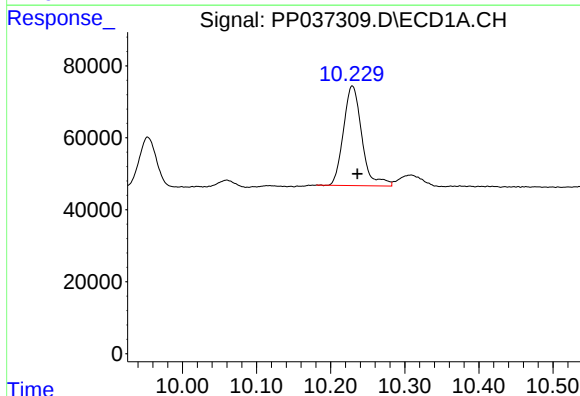
R.T.: 9.788 min
Delta R.T.: -0.006 min
Response: 33641
Conc: 6.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



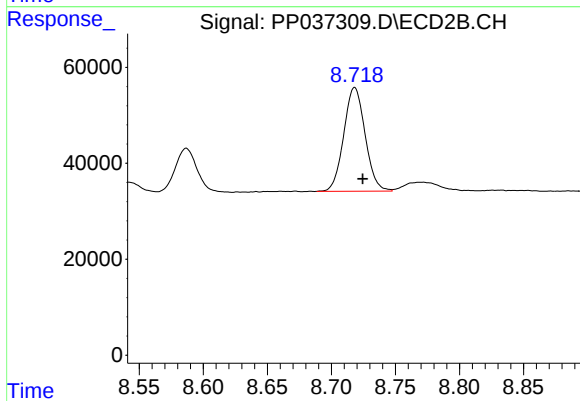
#43 AR-1268-3

R.T.: 8.430 min
Delta R.T.: -0.006 min
Response: 11909
Conc: 3.79 ng/ml



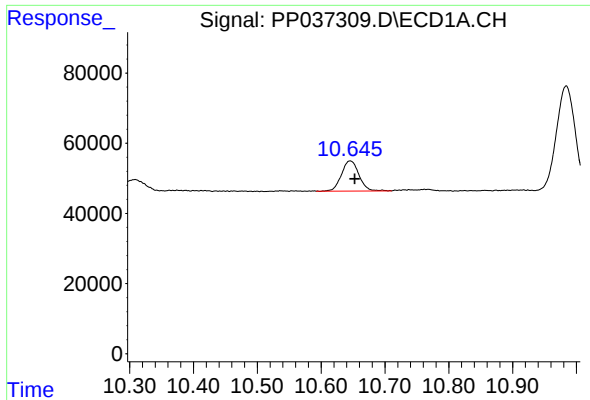
#44 AR-1268-4

R.T.: 10.229 min
Delta R.T.: -0.007 min
Response: 478188
Conc: 209.03 ng/ml



#44 AR-1268-4

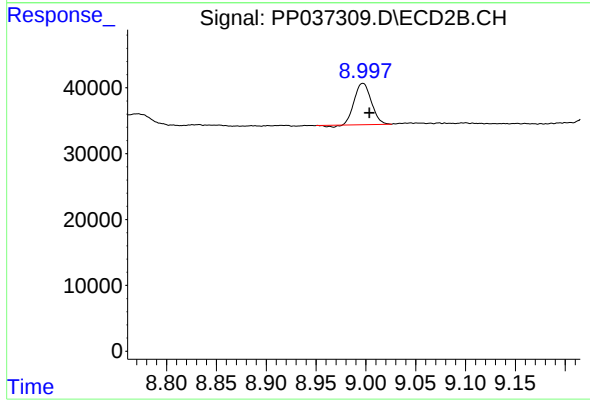
R.T.: 8.718 min
Delta R.T.: -0.006 min
Response: 251351
Conc: 183.40 ng/ml



#45 AR-1268-5

R.T.: 10.645 min
Delta R.T.: -0.007 min
Response: 163254
Conc: 10.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.997 min
Delta R.T.: -0.007 min
Response: 73715
Conc: 7.16 ng/ml