

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112923\
 Data File : PP061987.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 18:50
 Operator : YP\AJ
 Sample : 05551-03MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 00:29:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 28 04:28:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.452	3.724	25162043	31795810	19.113	17.670
2)	SA Decachlor...	10.243	8.849	19380433	34919284	18.779	16.919
Target Compounds							
3)	L1 AR-1016-1	5.627	4.837	25295549	32521778	510.483	490.926
4)	L1 AR-1016-2	5.650	4.857	38586938	45103564	517.262	488.226
5)	L1 AR-1016-3	5.712	5.037	25113529	25112623	510.302	495.030
6)	L1 AR-1016-4	5.810	5.079	19843126	22123324	522.066	485.567
7)	L1 AR-1016-5	6.106	5.297	19889060	28541473	517.184	493.703
8)	L2 AR-1221-1	4.657	3.943	2262231	3533312	126.767	139.915
9)	L2 AR-1221-2	4.747	4.031	2833870	4750066	212.491	249.724
10)	L2 AR-1221-3	4.825	4.109	13367775	18566175	335.966	322.259
11)	L3 AR-1232-1	4.825	4.109	13367775	18566175	401.618	394.307
12)	L3 AR-1232-2	5.357	4.857	21473275	45103564	1077.935	1095.828
13)	L3 AR-1232-3	5.650	5.037	38586938	25112623	1136.607	1108.513
14)	L3 AR-1232-4	5.810	5.122	19843126	27046560	1174.499	1184.365
15)	L3 AR-1232-5	5.902	5.297	18663003	28541473	1238.370	1121.540
16)	L4 AR-1242-1	5.627	4.837	25295549	32521778	636.483	613.783
17)	L4 AR-1242-2	5.650	4.857	38586938	45103564	649.023	619.444
18)	L4 AR-1242-3	5.712	5.037	25113529	25112623	642.246	619.684
19)	L4 AR-1242-4	5.810	5.122	19843126	27046560	654.324	599.250
20)	L4 AR-1242-5	6.552	5.656	2500817	23196563	83.410	443.274 #
21)	L5 AR-1248-1	5.627	4.837	25295549	32521778	827.843	814.610
22)	L5 AR-1248-2	5.902	5.079	18663003	22123324	381.489	350.261
23)	L5 AR-1248-3	6.106	5.122	19889060	27046560	382.300	412.378
24)	L5 AR-1248-4	6.511	5.297	2561746	28541473	50.541	370.783 #
25)	L5 AR-1248-5	6.552	5.656	2500817	23196563	48.395	232.120 #
26)	L6 AR-1254-1	6.485	5.656	15124868	23196563	269.592	213.039
27)	L6 AR-1254-2	6.704	5.804	16034243	22587548	192.302	225.060
28)	L6 AR-1254-3	7.073	6.231	8420844	49790026	101.788	318.707 #
29)	L6 AR-1254-4	7.360	6.447	5176737	3796732	98.716	47.769 #
30)	L6 AR-1254-5	7.779	6.870	45547812	75000097	715.036	531.436 #
31)	L7 AR-1260-1	7.238	6.348	34598350	56723557	506.497	487.405
32)	L7 AR-1260-2	7.496	6.537	38611240	66348068	512.621	486.948
33)	L7 AR-1260-3	7.857	6.694	25879096	63344425	499.536	484.129
34)	L7 AR-1260-4	8.083	7.173	30476907	46164410	499.399	468.115
35)	L7 AR-1260-5	8.406	7.416	50269317	102.8E6	501.295	479.933
36)	L8 AR-1262-1	7.915	6.963	14451861	26822221	408.395	422.221
37)	L8 AR-1262-2	8.406	7.173	50269317	46164410	423.935	341.764
38)	L8 AR-1262-3	8.733	7.704	34453333	21031821	393.357	201.022 #
39)	L8 AR-1262-4	8.811	7.767	9413830	73073726	125.007	405.406 #
40)	L8 AR-1262-5	9.476	8.272	12746875	21069435	296.397	275.807
41)	L9 AR-1268-1	8.733	7.704	34453333	21031821	228.803	70.121 #

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 ALS Vial : 24 Sample Multiplier: 1

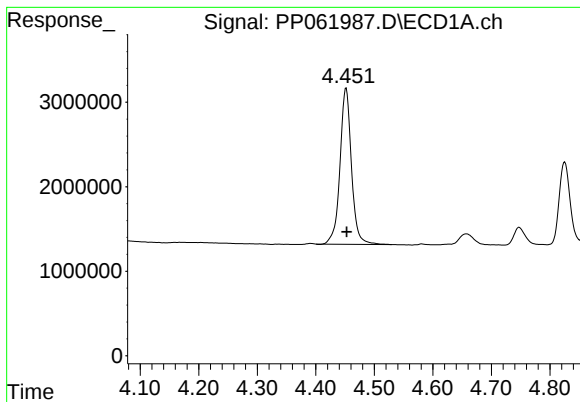
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 00:29:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.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	8.811	7.767	9413830	73073726	67.006	275.369 #
43) L9	AR-1268-3	9.047	7.979	1024802	1930025	8.638	7.945
44) L9	AR-1268-4	9.476	8.272	12746875	21069435	282.346	244.036
45) L9	AR-1268-5	9.897	8.578	4372633	8259980	13.341	11.946

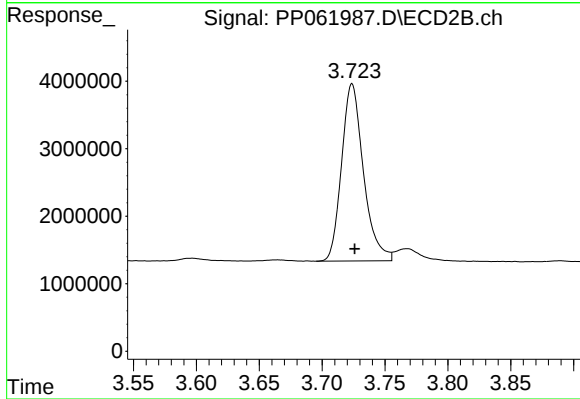
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

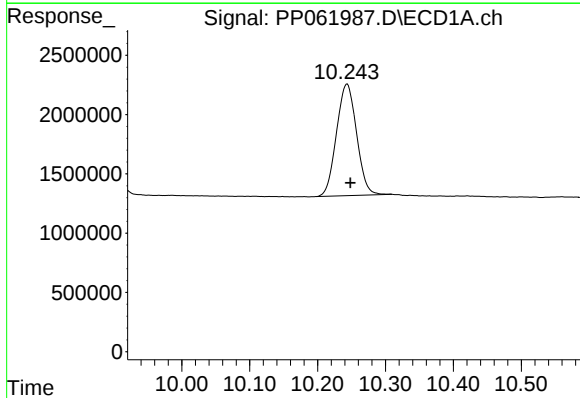
R.T.: 4.452 min
Delta R.T.: -0.001 min
Response: 25162043
Conc: 19.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



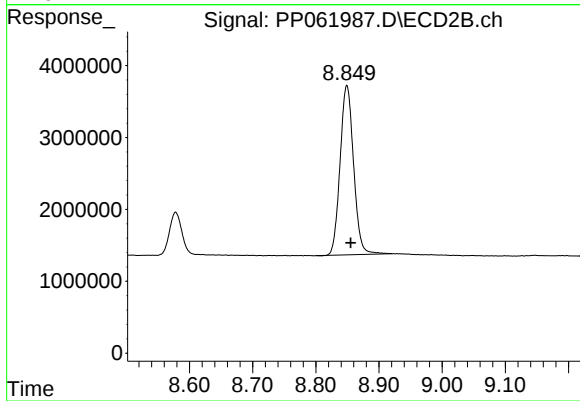
#1 Tetrachloro-m-xylene

R.T.: 3.724 min
Delta R.T.: -0.002 min
Response: 31795810
Conc: 17.67 ng/ml



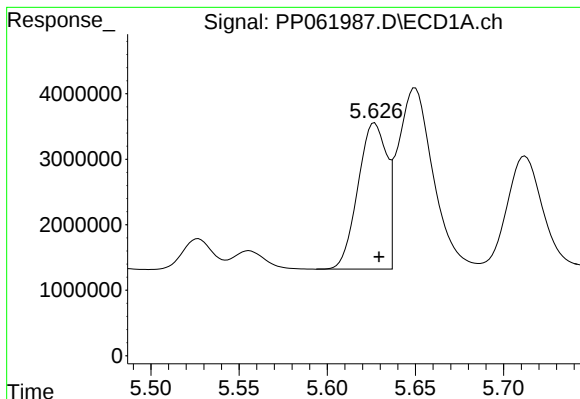
#2 Decachlorobiphenyl

R.T.: 10.243 min
Delta R.T.: -0.005 min
Response: 19380433
Conc: 18.78 ng/ml



#2 Decachlorobiphenyl

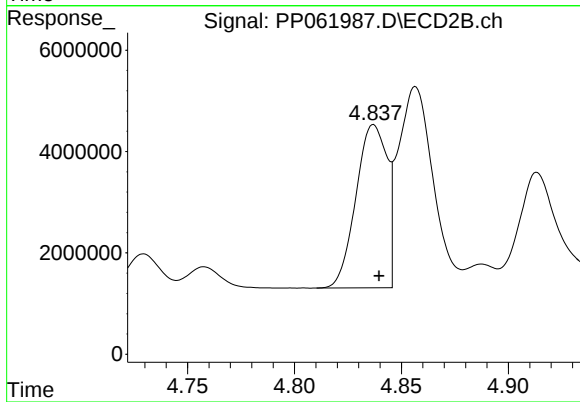
R.T.: 8.849 min
Delta R.T.: -0.006 min
Response: 34919284
Conc: 16.92 ng/ml



#3 AR-1016-1

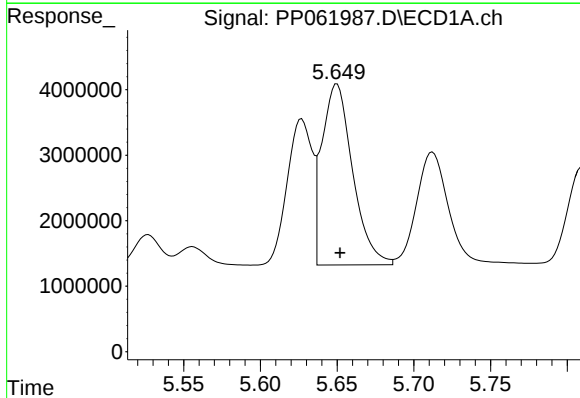
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 25295549
Conc: 510.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



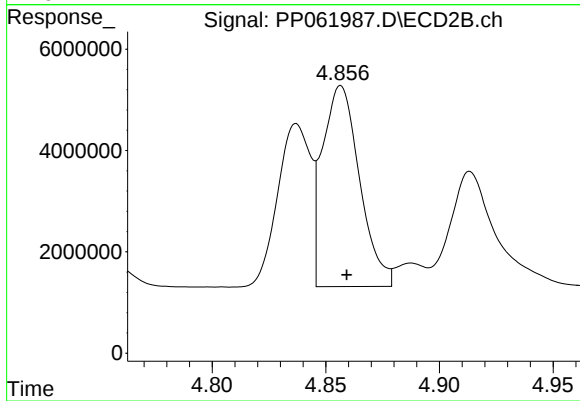
#3 AR-1016-1

R.T.: 4.837 min
Delta R.T.: -0.003 min
Response: 32521778
Conc: 490.93 ng/ml



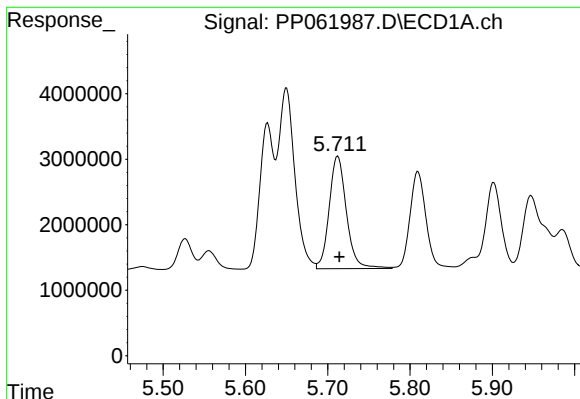
#4 AR-1016-2

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 38586938
Conc: 517.26 ng/ml



#4 AR-1016-2

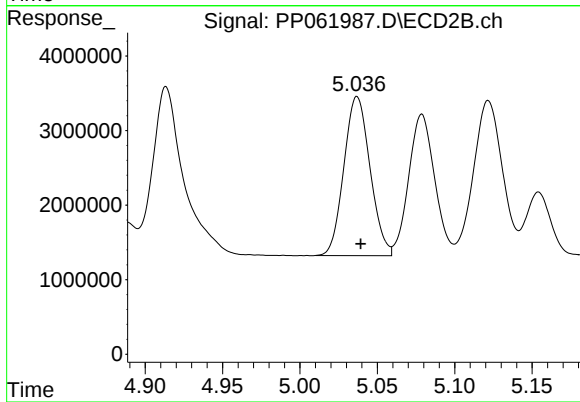
R.T.: 4.857 min
Delta R.T.: -0.003 min
Response: 45103564
Conc: 488.23 ng/ml



#5 AR-1016-3

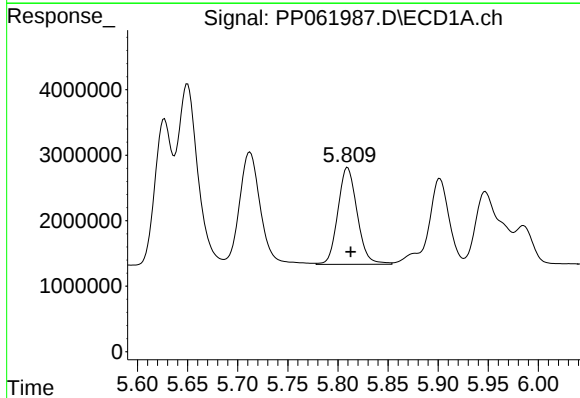
R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 25113529
Conc: 510.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



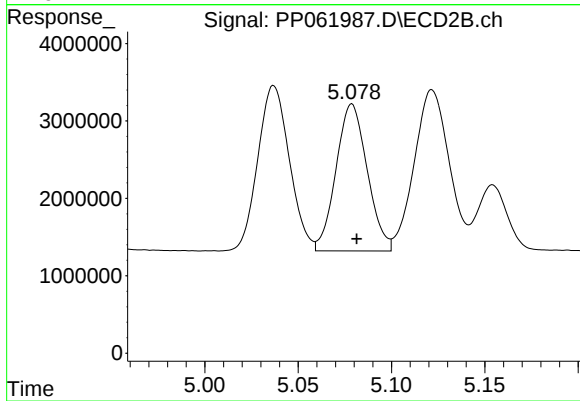
#5 AR-1016-3

R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 25112623
Conc: 495.03 ng/ml



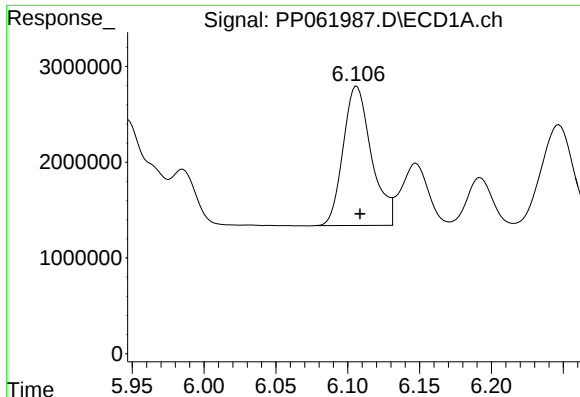
#6 AR-1016-4

R.T.: 5.810 min
Delta R.T.: -0.003 min
Response: 19843126
Conc: 522.07 ng/ml



#6 AR-1016-4

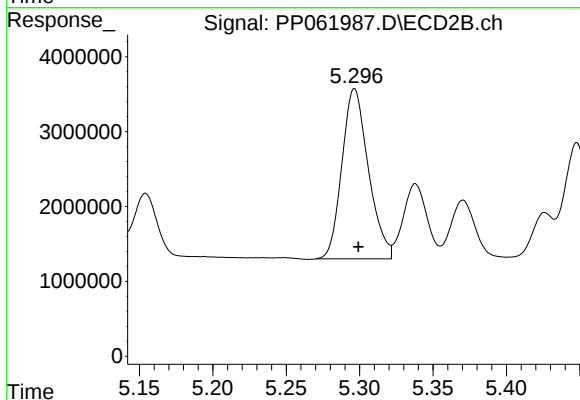
R.T.: 5.079 min
Delta R.T.: -0.003 min
Response: 22123324
Conc: 485.57 ng/ml



#7 AR-1016-5

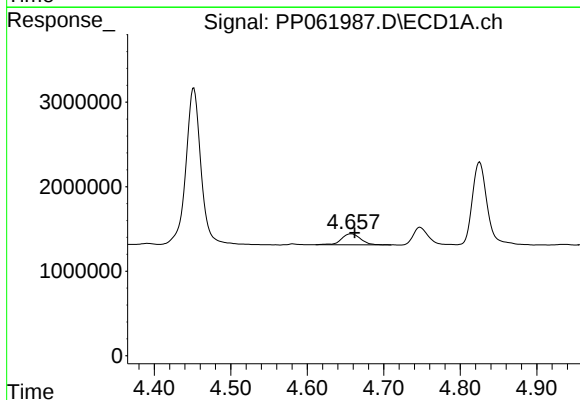
R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 19889060
Conc: 517.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



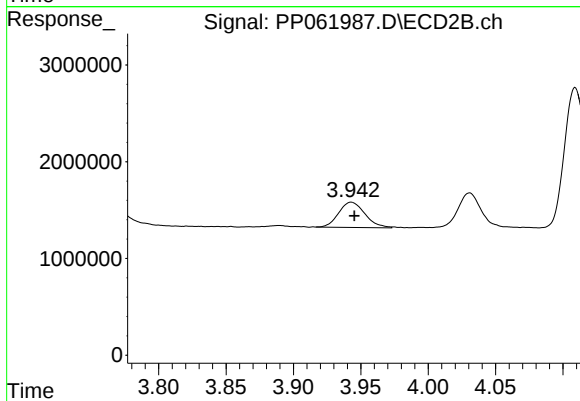
#7 AR-1016-5

R.T.: 5.297 min
Delta R.T.: -0.003 min
Response: 28541473
Conc: 493.70 ng/ml



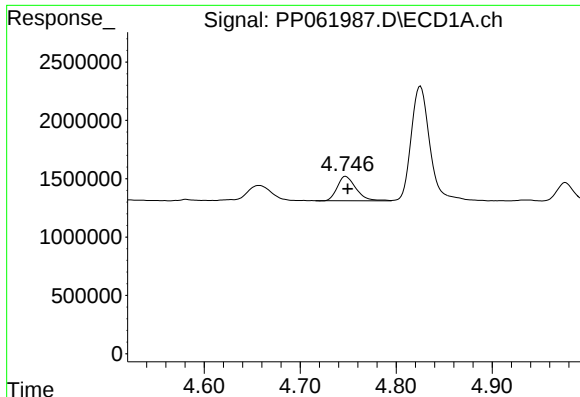
#8 AR-1221-1

R.T.: 4.657 min
Delta R.T.: -0.005 min
Response: 2262231
Conc: 126.77 ng/ml



#8 AR-1221-1

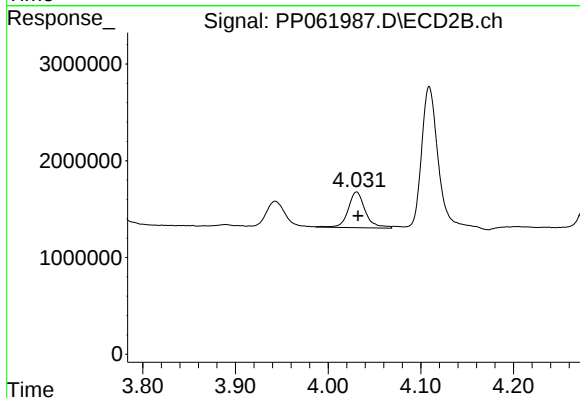
R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 3533312
Conc: 139.91 ng/ml



#9 AR-1221-2

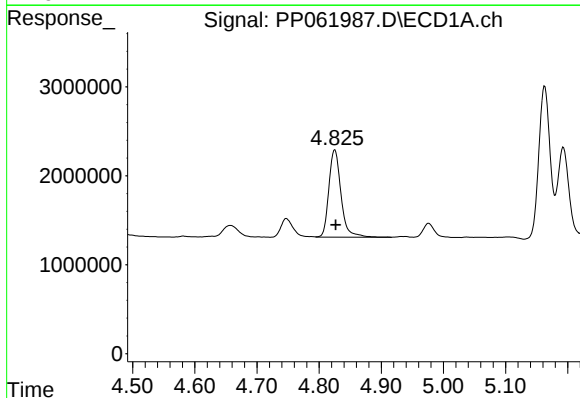
R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 2833870
Conc: 212.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



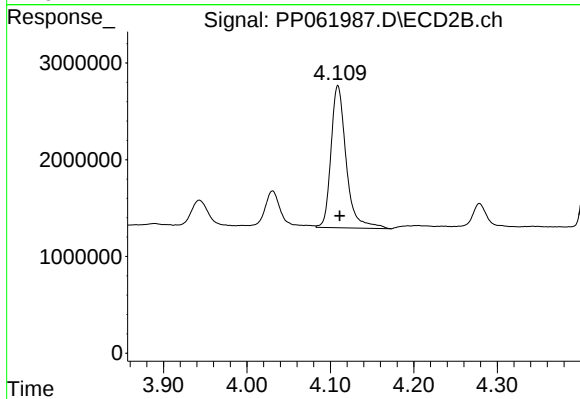
#9 AR-1221-2

R.T.: 4.031 min
Delta R.T.: -0.002 min
Response: 4750066
Conc: 249.72 ng/ml



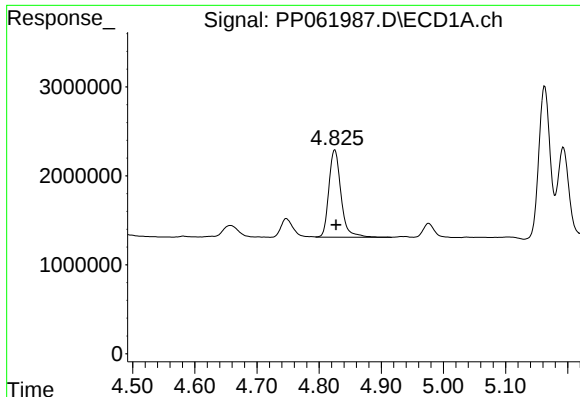
#10 AR-1221-3

R.T.: 4.825 min
Delta R.T.: -0.001 min
Response: 13367775
Conc: 335.97 ng/ml



#10 AR-1221-3

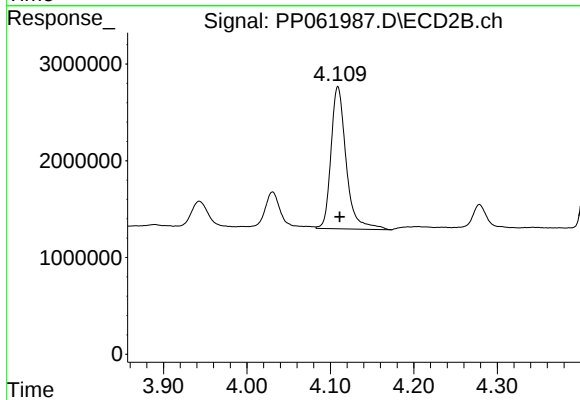
R.T.: 4.109 min
Delta R.T.: -0.002 min
Response: 18566175
Conc: 322.26 ng/ml



#11 AR-1232-1

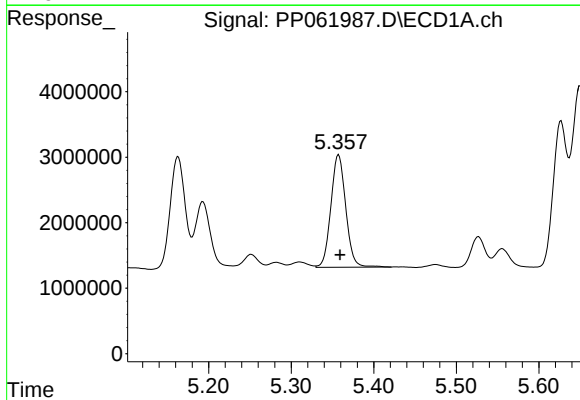
R.T.: 4.825 min
Delta R.T.: -0.002 min
Response: 13367775
Conc: 401.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



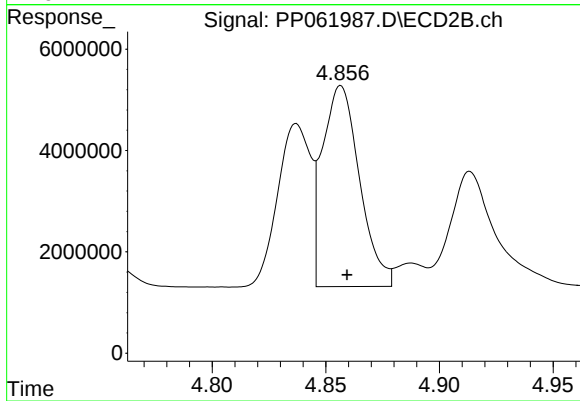
#11 AR-1232-1

R.T.: 4.109 min
Delta R.T.: -0.002 min
Response: 18566175
Conc: 394.31 ng/ml



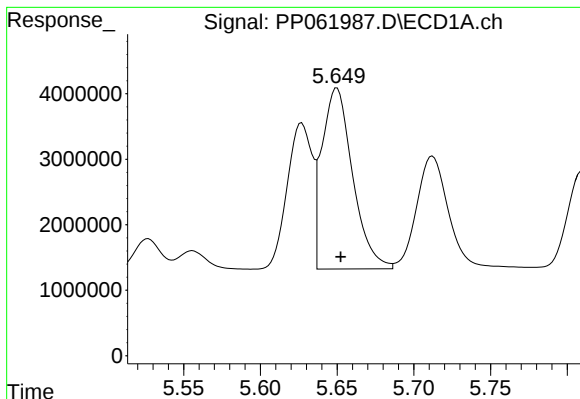
#12 AR-1232-2

R.T.: 5.357 min
Delta R.T.: -0.002 min
Response: 21473275
Conc: 1077.93 ng/ml



#12 AR-1232-2

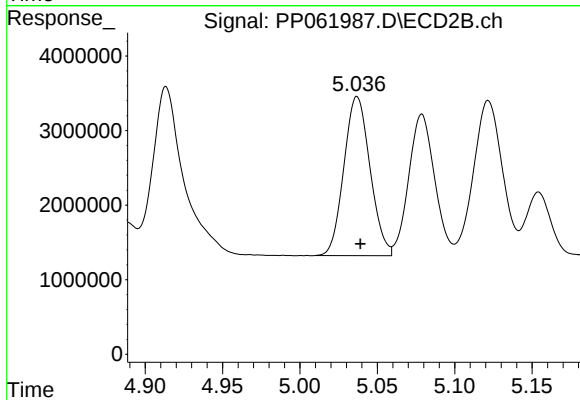
R.T.: 4.857 min
Delta R.T.: -0.003 min
Response: 45103564
Conc: 1095.83 ng/ml



#13 AR-1232-3

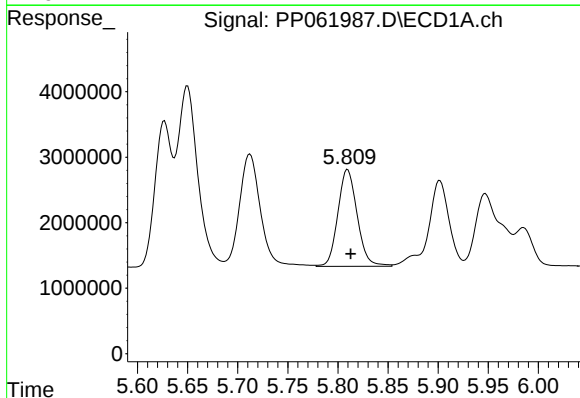
R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 38586938
Conc: 1136.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



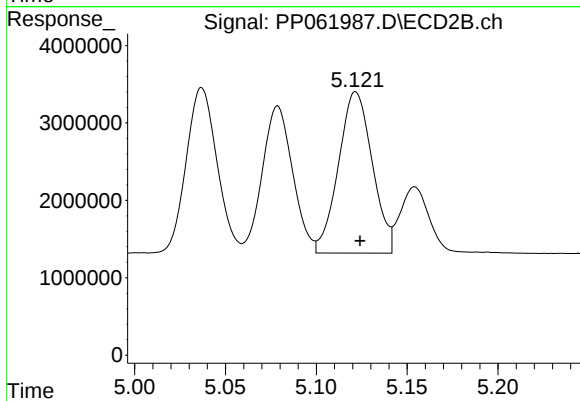
#13 AR-1232-3

R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 25112623
Conc: 1108.51 ng/ml



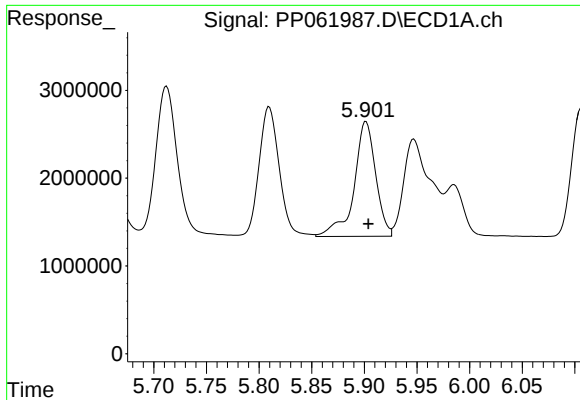
#14 AR-1232-4

R.T.: 5.810 min
Delta R.T.: -0.003 min
Response: 19843126
Conc: 1174.50 ng/ml



#14 AR-1232-4

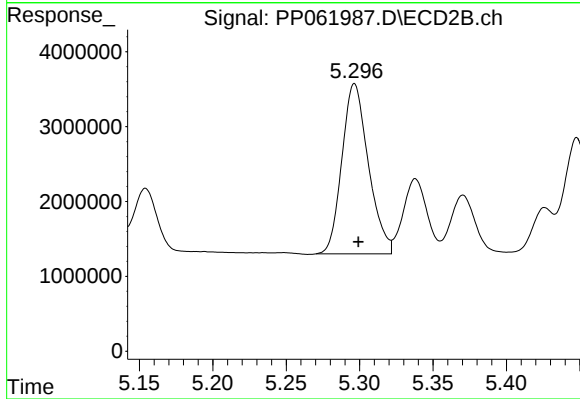
R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 27046560
Conc: 1184.36 ng/ml



#15 AR-1232-5

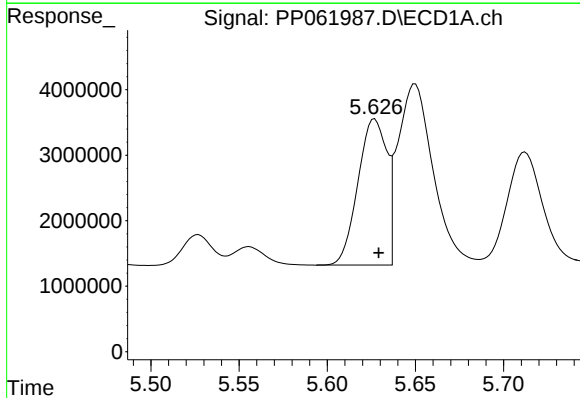
R.T.: 5.902 min
Delta R.T.: -0.002 min
Response: 18663003
Conc: 1238.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



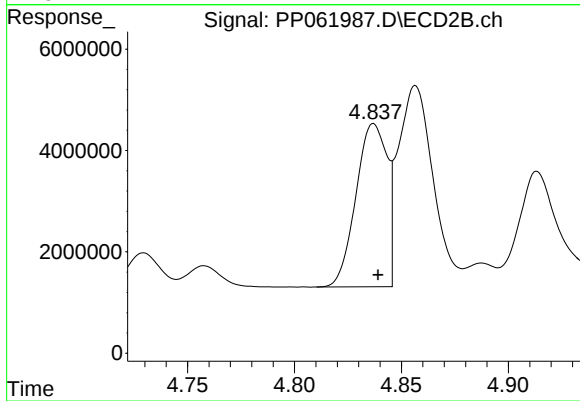
#15 AR-1232-5

R.T.: 5.297 min
Delta R.T.: -0.003 min
Response: 28541473
Conc: 1121.54 ng/ml



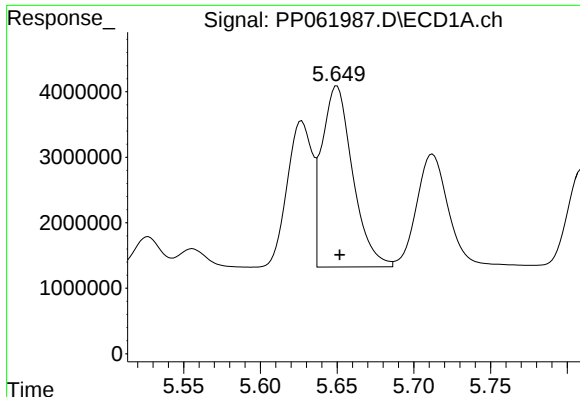
#16 AR-1242-1

R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 25295549
Conc: 636.48 ng/ml



#16 AR-1242-1

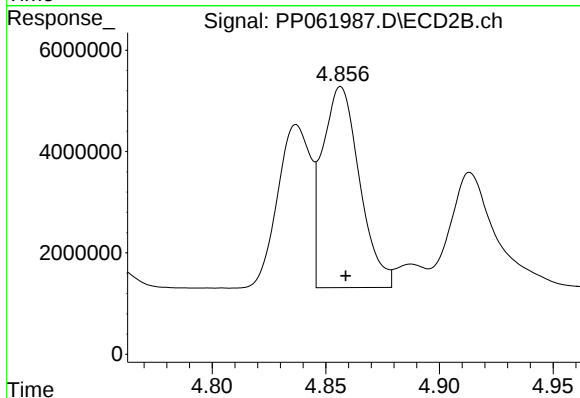
R.T.: 4.837 min
Delta R.T.: -0.002 min
Response: 32521778
Conc: 613.78 ng/ml



#17 AR-1242-2

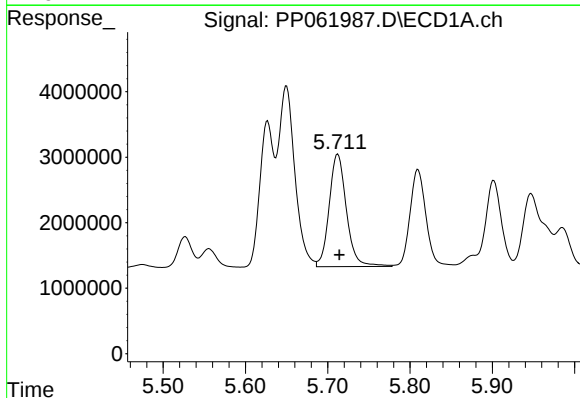
R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 38586938
Conc: 649.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



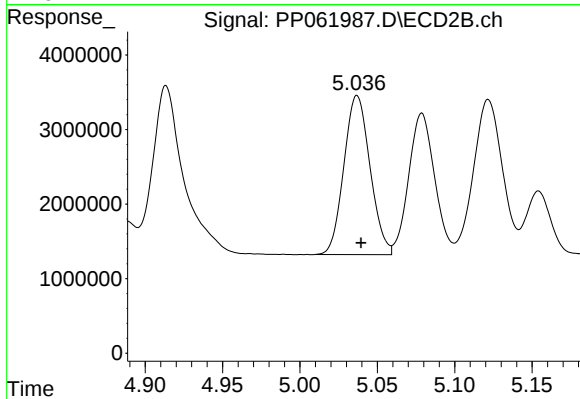
#17 AR-1242-2

R.T.: 4.857 min
Delta R.T.: -0.002 min
Response: 45103564
Conc: 619.44 ng/ml



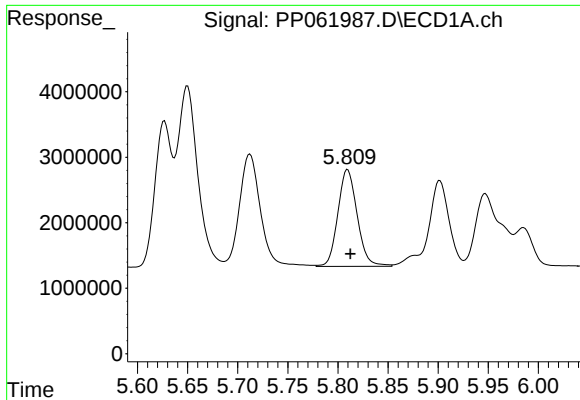
#18 AR-1242-3

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 25113529
Conc: 642.25 ng/ml



#18 AR-1242-3

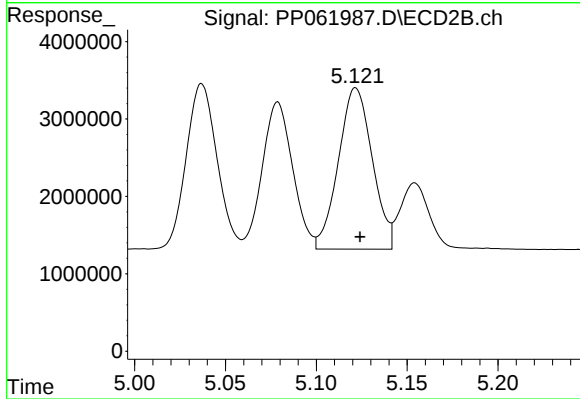
R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 25112623
Conc: 619.68 ng/ml



#19 AR-1242-4

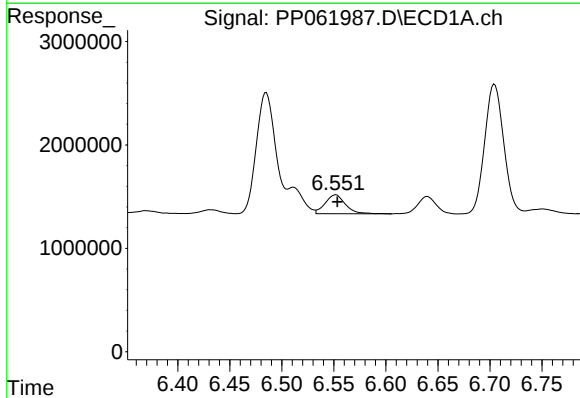
R.T.: 5.810 min
Delta R.T.: -0.003 min
Response: 19843126
Conc: 654.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



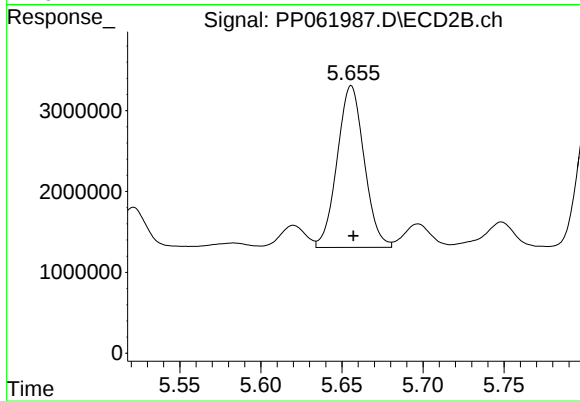
#19 AR-1242-4

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 27046560
Conc: 599.25 ng/ml



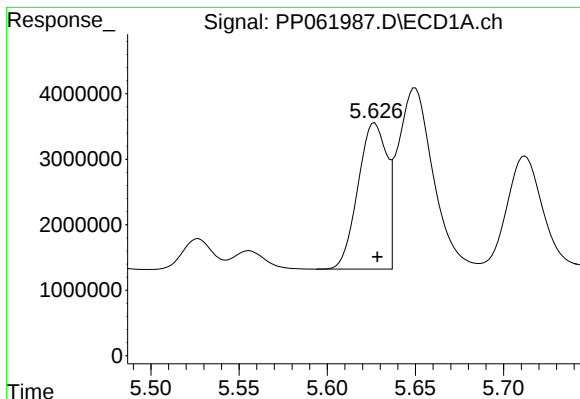
#20 AR-1242-5

R.T.: 6.552 min
Delta R.T.: -0.001 min
Response: 2500817
Conc: 83.41 ng/ml



#20 AR-1242-5

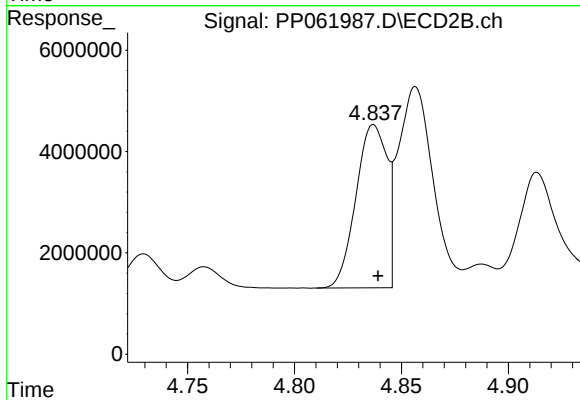
R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 23196563
Conc: 443.27 ng/ml



#21 AR-1248-1

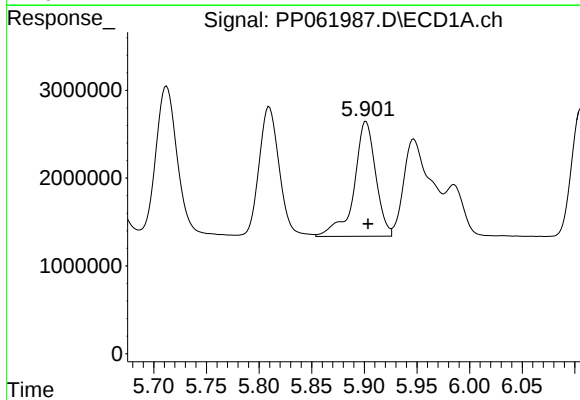
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 25295549
Conc: 827.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



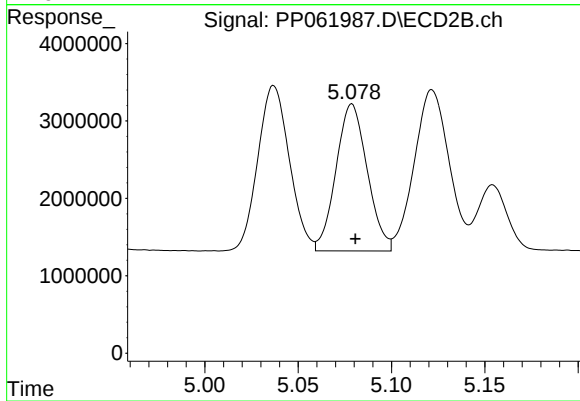
#21 AR-1248-1

R.T.: 4.837 min
Delta R.T.: -0.002 min
Response: 32521778
Conc: 814.61 ng/ml



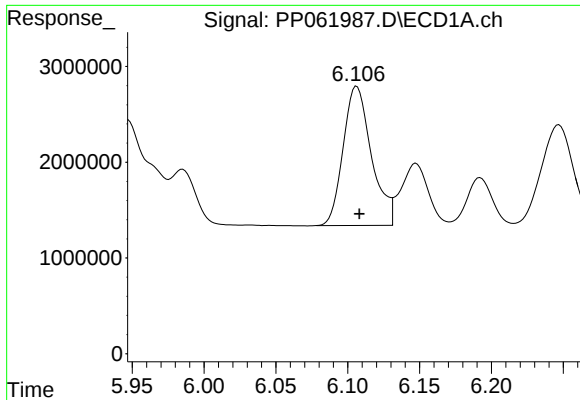
#22 AR-1248-2

R.T.: 5.902 min
Delta R.T.: -0.002 min
Response: 18663003
Conc: 381.49 ng/ml



#22 AR-1248-2

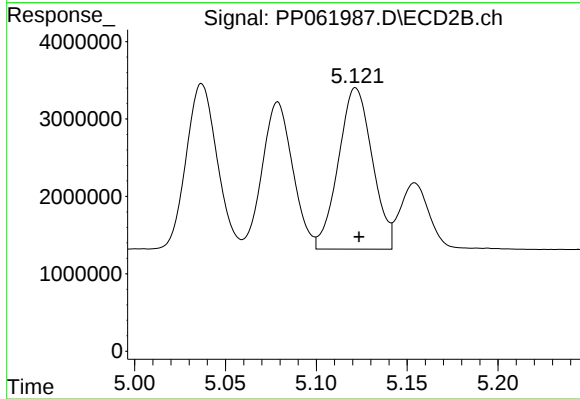
R.T.: 5.079 min
Delta R.T.: -0.002 min
Response: 22123324
Conc: 350.26 ng/ml



#23 AR-1248-3

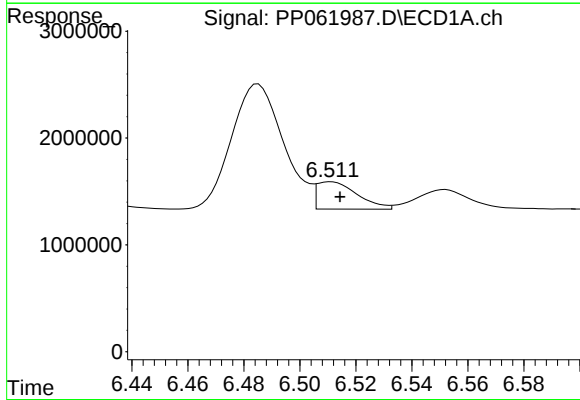
R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 19889060
Conc: 382.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



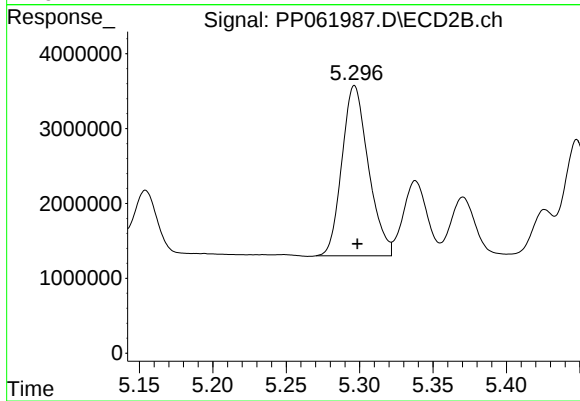
#23 AR-1248-3

R.T.: 5.122 min
Delta R.T.: -0.002 min
Response: 27046560
Conc: 412.38 ng/ml



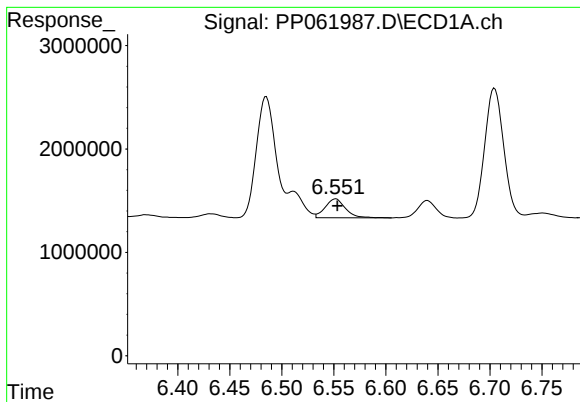
#24 AR-1248-4

R.T.: 6.511 min
Delta R.T.: -0.003 min
Response: 2561746
Conc: 50.54 ng/ml



#24 AR-1248-4

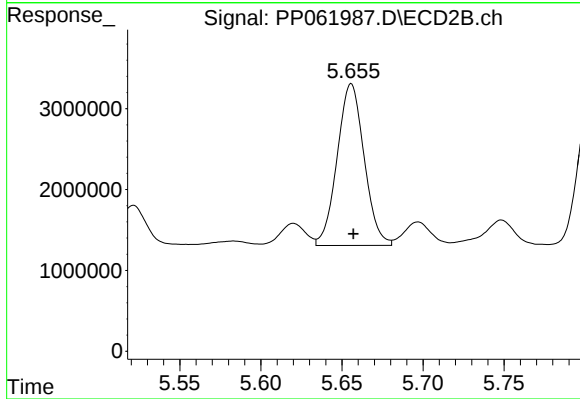
R.T.: 5.297 min
Delta R.T.: -0.002 min
Response: 28541473
Conc: 370.78 ng/ml



#25 AR-1248-5

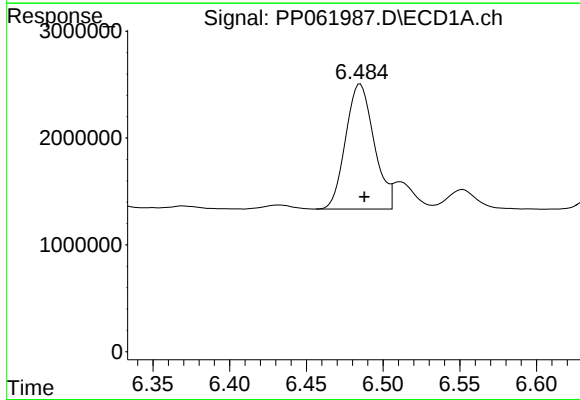
R.T.: 6.552 min
Delta R.T.: -0.001 min
Response: 2500817
Conc: 48.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



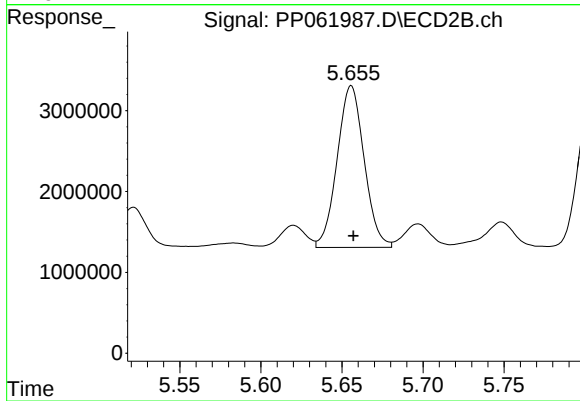
#25 AR-1248-5

R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 23196563
Conc: 232.12 ng/ml



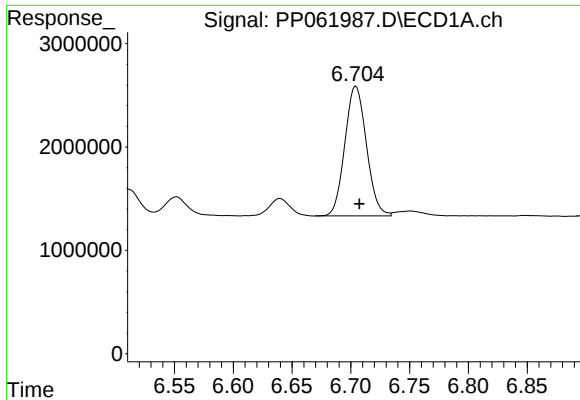
#26 AR-1254-1

R.T.: 6.485 min
Delta R.T.: -0.003 min
Response: 15124868
Conc: 269.59 ng/ml



#26 AR-1254-1

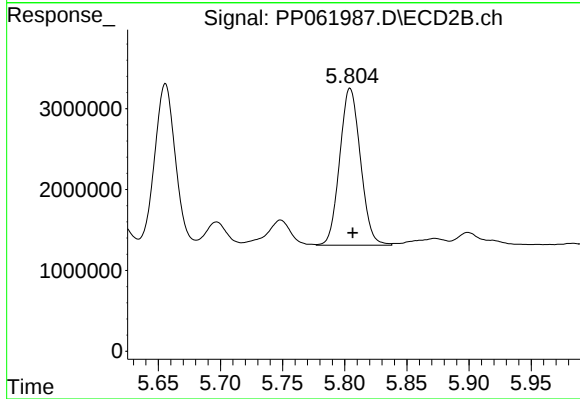
R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 23196563
Conc: 213.04 ng/ml



#27 AR-1254-2

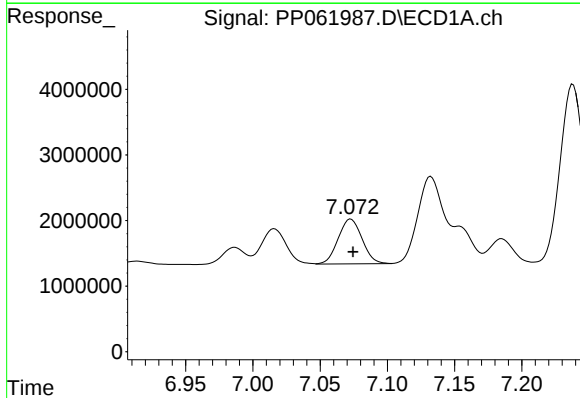
R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 16034243
Conc: 192.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



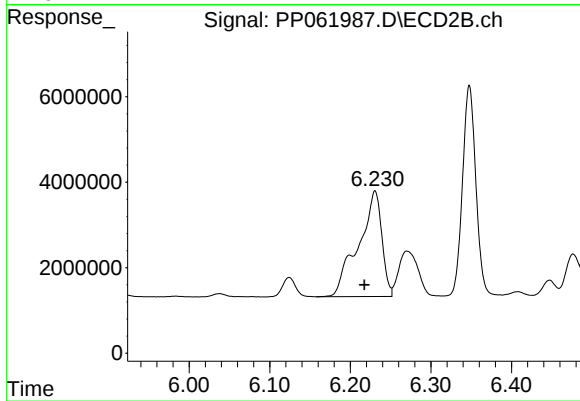
#27 AR-1254-2

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 22587548
Conc: 225.06 ng/ml



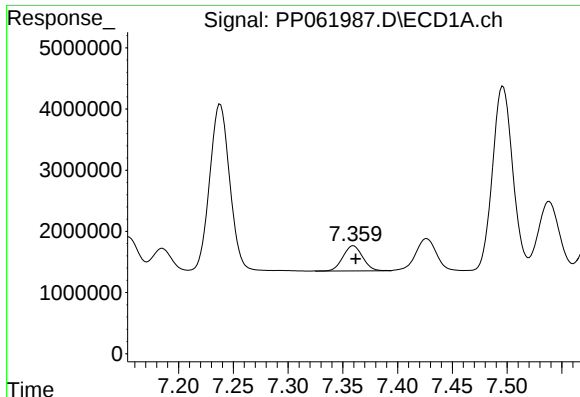
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 8420844
Conc: 101.79 ng/ml



#28 AR-1254-3

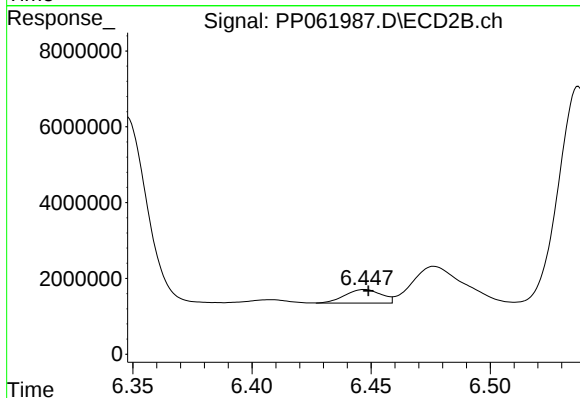
R.T.: 6.231 min
Delta R.T.: 0.013 min
Response: 49790026
Conc: 318.71 ng/ml



#29 AR-1254-4

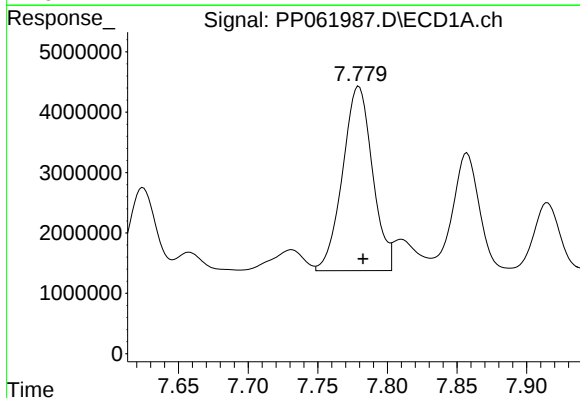
R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 5176737
Conc: 98.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



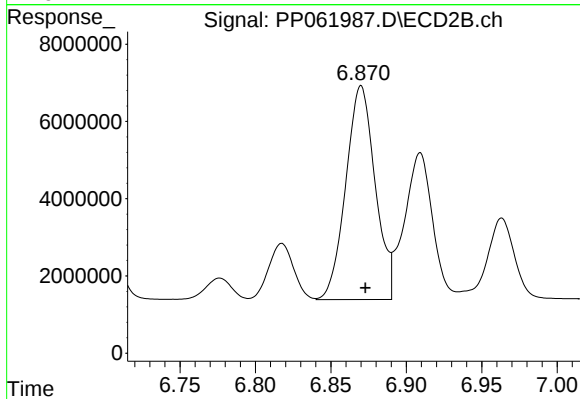
#29 AR-1254-4

R.T.: 6.447 min
Delta R.T.: -0.002 min
Response: 3796732
Conc: 47.77 ng/ml



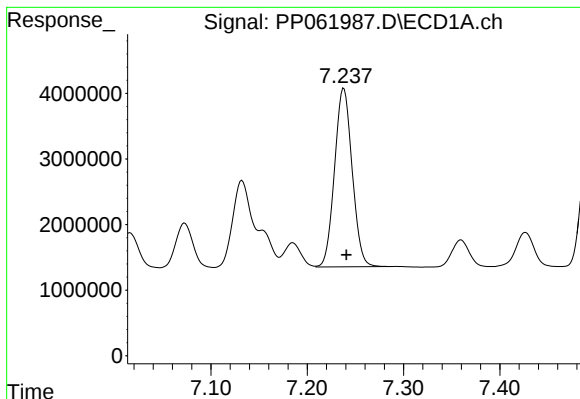
#30 AR-1254-5

R.T.: 7.779 min
Delta R.T.: -0.003 min
Response: 45547812
Conc: 715.04 ng/ml



#30 AR-1254-5

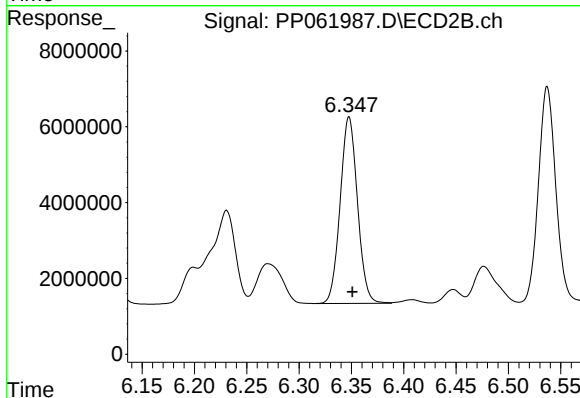
R.T.: 6.870 min
Delta R.T.: -0.003 min
Response: 75000097
Conc: 531.44 ng/ml



#31 AR-1260-1

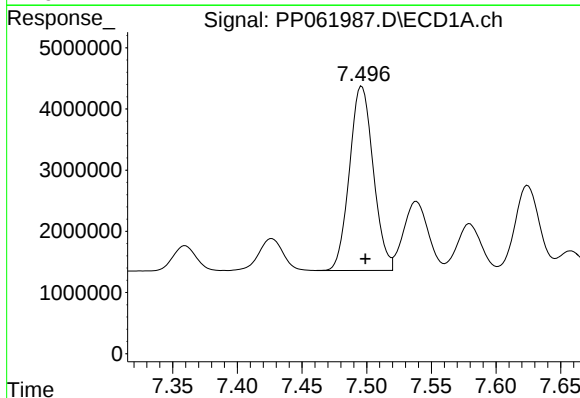
R.T.: 7.238 min
Delta R.T.: -0.003 min
Response: 34598350
Conc: 506.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



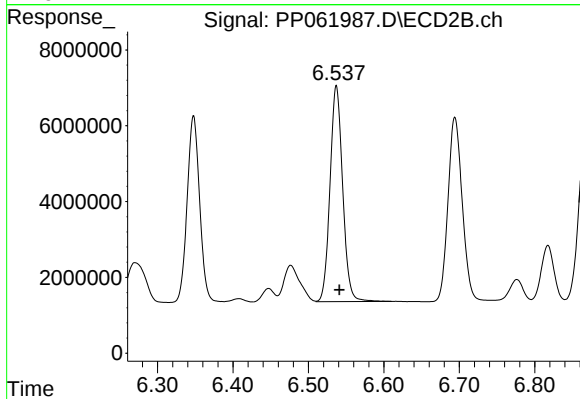
#31 AR-1260-1

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 56723557
Conc: 487.41 ng/ml



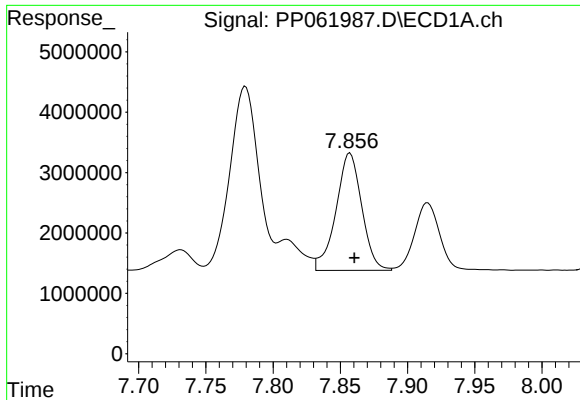
#32 AR-1260-2

R.T.: 7.496 min
Delta R.T.: -0.003 min
Response: 38611240
Conc: 512.62 ng/ml



#32 AR-1260-2

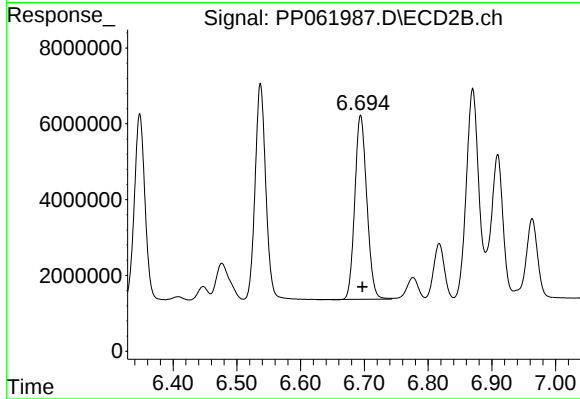
R.T.: 6.537 min
Delta R.T.: -0.004 min
Response: 66348068
Conc: 486.95 ng/ml



#33 AR-1260-3

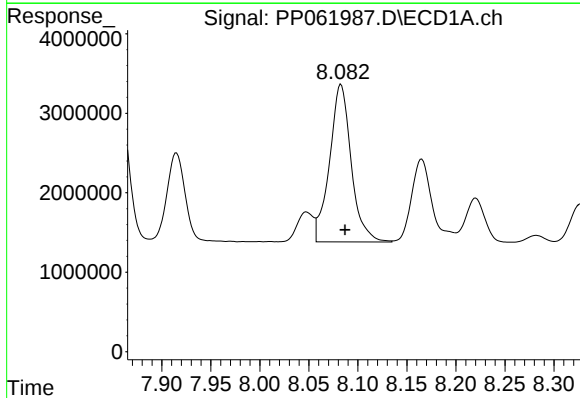
R.T.: 7.857 min
Delta R.T.: -0.003 min
Response: 25879096
Conc: 499.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



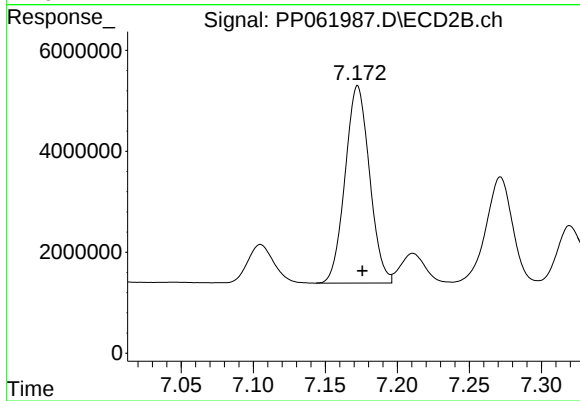
#33 AR-1260-3

R.T.: 6.694 min
Delta R.T.: -0.003 min
Response: 63344425
Conc: 484.13 ng/ml



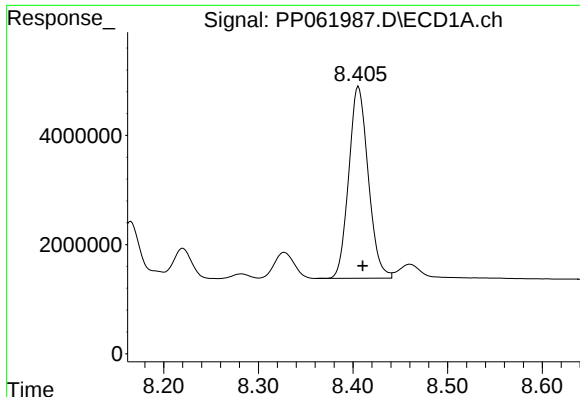
#34 AR-1260-4

R.T.: 8.083 min
Delta R.T.: -0.004 min
Response: 30476907
Conc: 499.40 ng/ml



#34 AR-1260-4

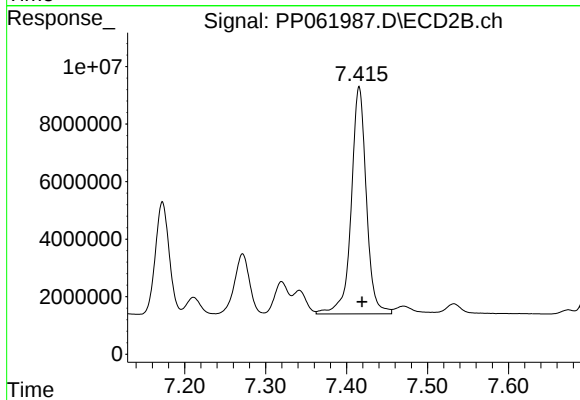
R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 46164410
Conc: 468.12 ng/ml



#35 AR-1260-5

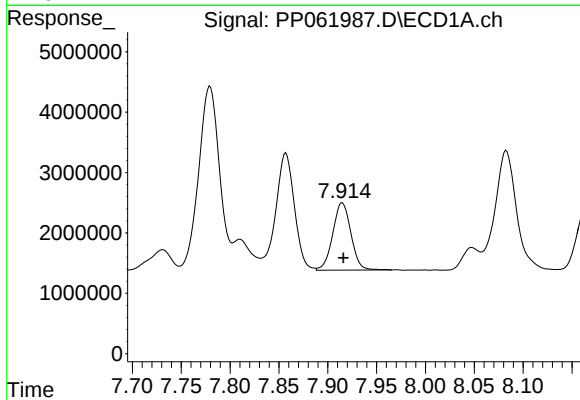
R.T.: 8.406 min
Delta R.T.: -0.004 min
Response: 50269317
Conc: 501.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



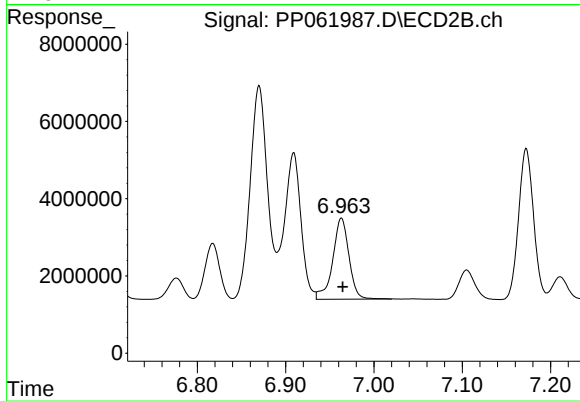
#35 AR-1260-5

R.T.: 7.416 min
Delta R.T.: -0.003 min
Response: 102766547
Conc: 479.93 ng/ml



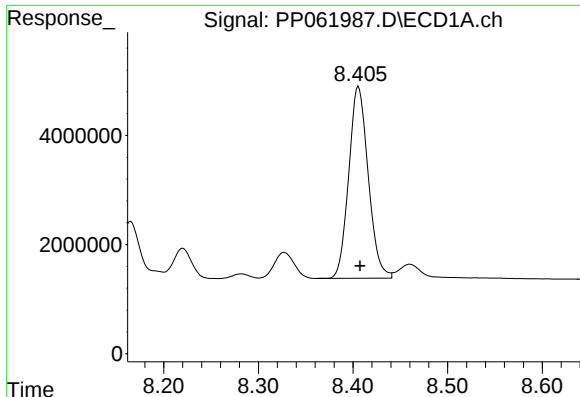
#36 AR-1262-1

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 14451861
Conc: 408.39 ng/ml



#36 AR-1262-1

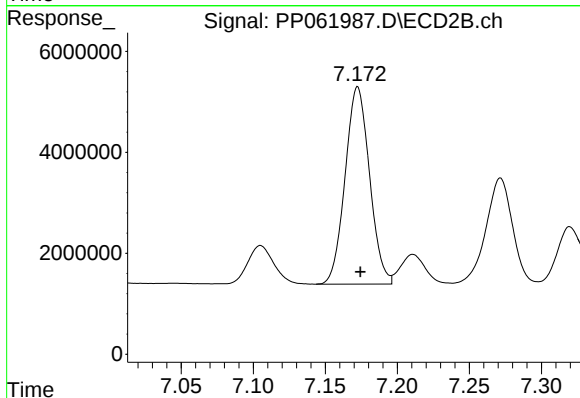
R.T.: 6.963 min
Delta R.T.: -0.001 min
Response: 26822221
Conc: 422.22 ng/ml



#37 AR-1262-2

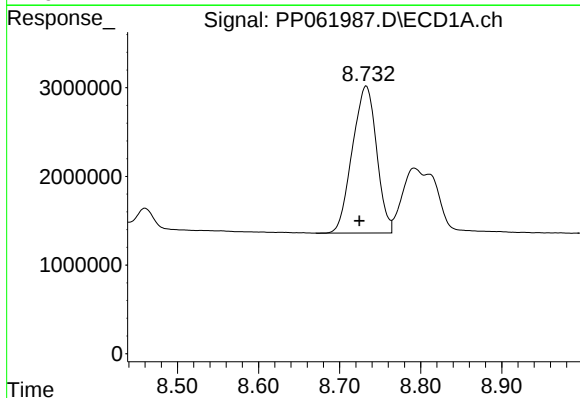
R.T.: 8.406 min
Delta R.T.: -0.002 min
Response: 50269317
Conc: 423.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



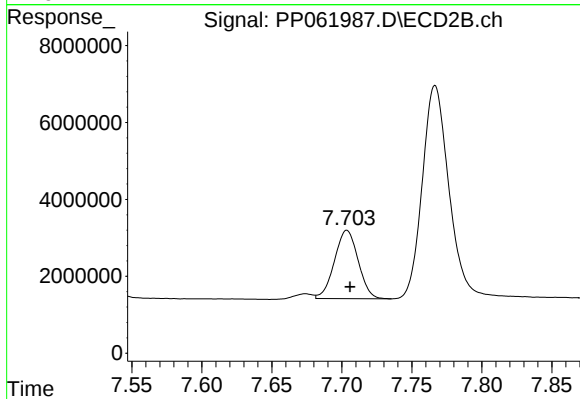
#37 AR-1262-2

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 46164410
Conc: 341.76 ng/ml



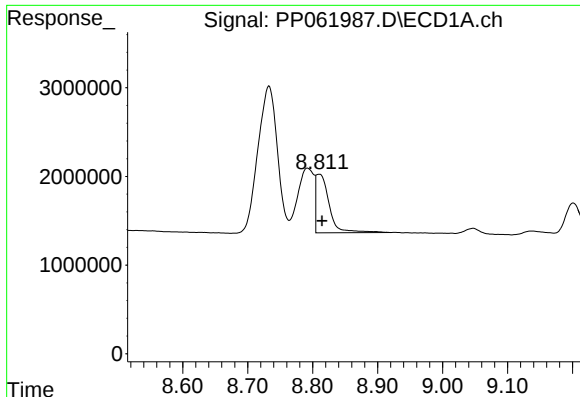
#38 AR-1262-3

R.T.: 8.733 min
Delta R.T.: 0.009 min
Response: 34453333
Conc: 393.36 ng/ml



#38 AR-1262-3

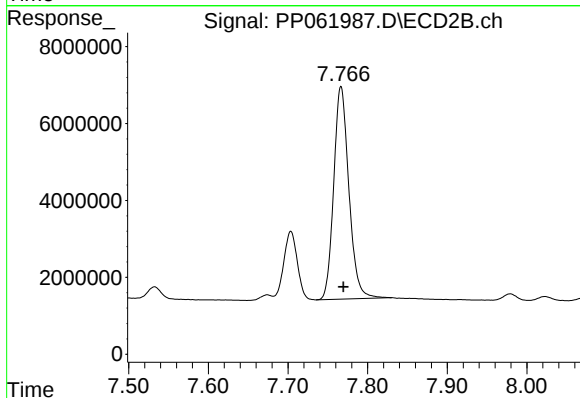
R.T.: 7.704 min
Delta R.T.: -0.002 min
Response: 21031821
Conc: 201.02 ng/ml



#39 AR-1262-4

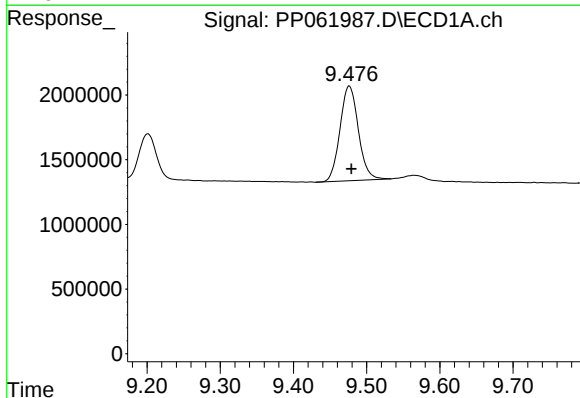
R.T.: 8.811 min
Delta R.T.: -0.004 min
Response: 9413830
Conc: 125.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



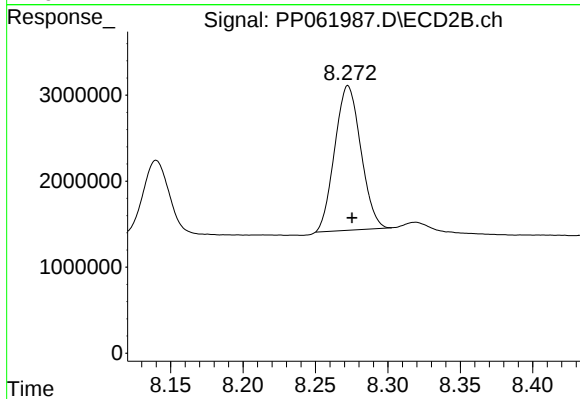
#39 AR-1262-4

R.T.: 7.767 min
Delta R.T.: -0.003 min
Response: 73073726
Conc: 405.41 ng/ml



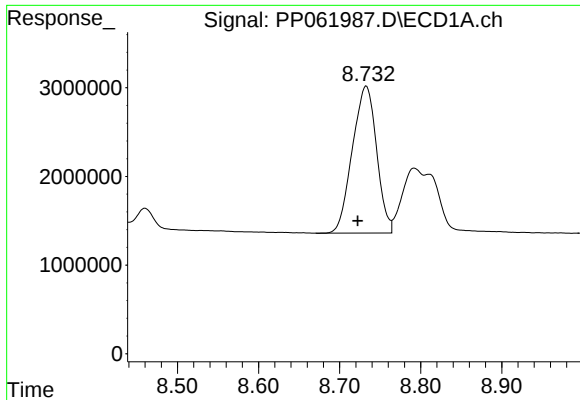
#40 AR-1262-5

R.T.: 9.476 min
Delta R.T.: -0.003 min
Response: 12746875
Conc: 296.40 ng/ml



#40 AR-1262-5

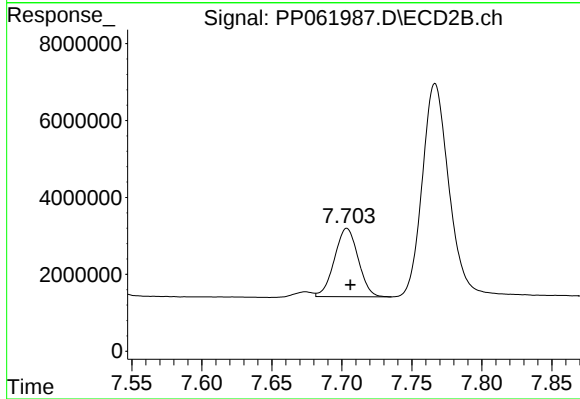
R.T.: 8.272 min
Delta R.T.: -0.003 min
Response: 21069435
Conc: 275.81 ng/ml



#41 AR-1268-1

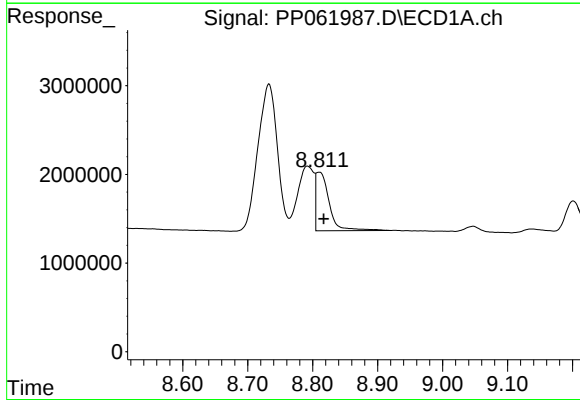
R.T.: 8.733 min
Delta R.T.: 0.010 min
Response: 34453333
Conc: 228.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



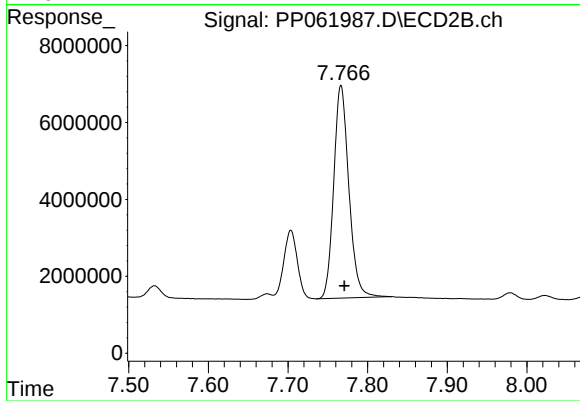
#41 AR-1268-1

R.T.: 7.704 min
Delta R.T.: -0.003 min
Response: 21031821
Conc: 70.12 ng/ml



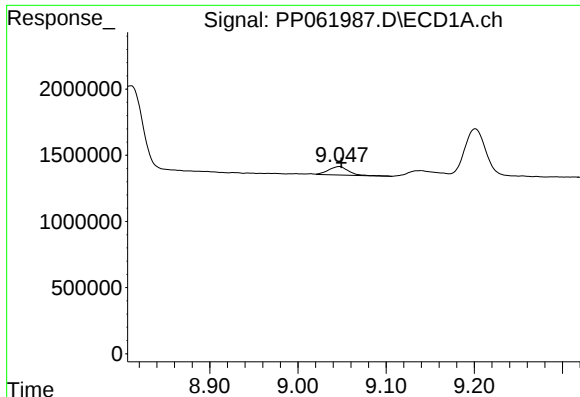
#42 AR-1268-2

R.T.: 8.811 min
Delta R.T.: -0.007 min
Response: 9413830
Conc: 67.01 ng/ml



#42 AR-1268-2

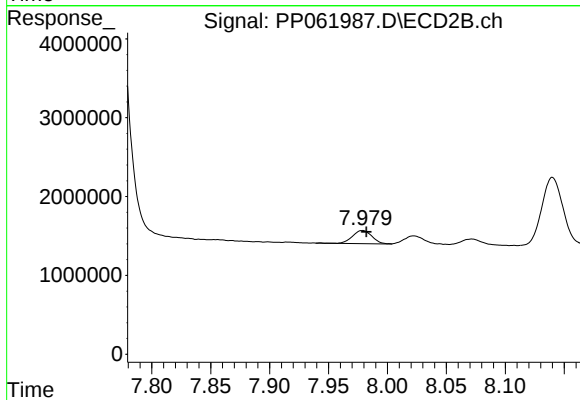
R.T.: 7.767 min
Delta R.T.: -0.004 min
Response: 73073726
Conc: 275.37 ng/ml



#43 AR-1268-3

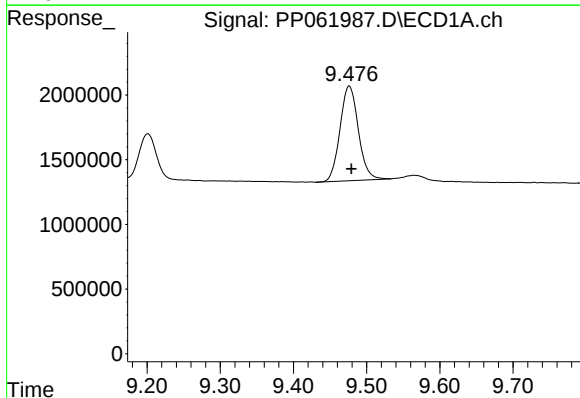
R.T.: 9.047 min
Delta R.T.: -0.002 min
Response: 1024802
Conc: 8.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



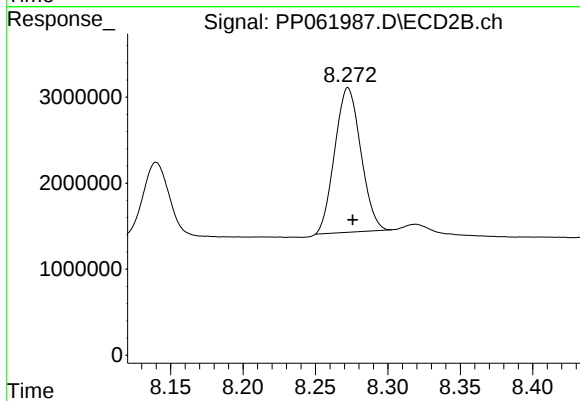
#43 AR-1268-3

R.T.: 7.979 min
Delta R.T.: -0.003 min
Response: 1930025
Conc: 7.95 ng/ml



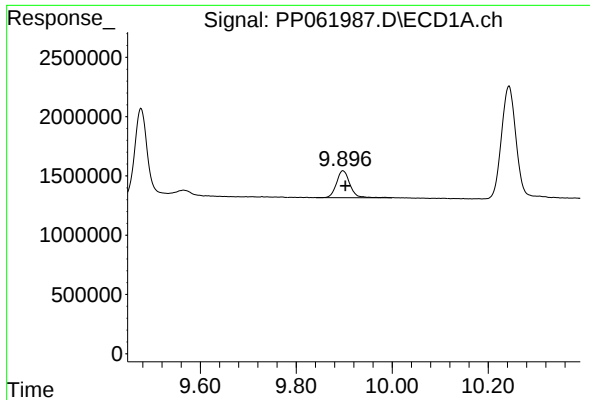
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.003 min
Response: 12746875
Conc: 282.35 ng/ml



#44 AR-1268-4

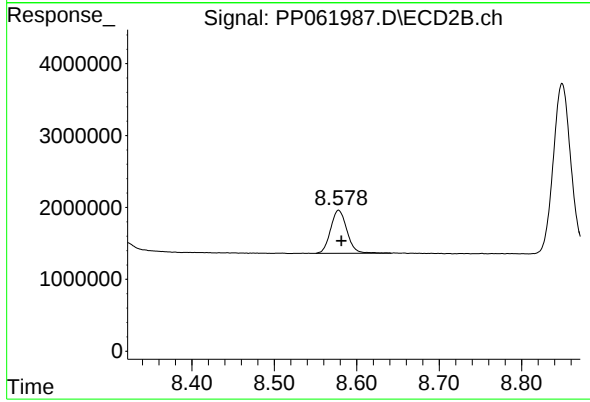
R.T.: 8.272 min
Delta R.T.: -0.003 min
Response: 21069435
Conc: 244.04 ng/ml



#45 AR-1268-5

R.T.: 9.897 min
Delta R.T.: -0.005 min
Response: 4372633
Conc: 13.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.578 min
Delta R.T.: -0.004 min
Response: 8259980
Conc: 11.95 ng/ml