

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101723\
 Data File : PP061003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2023 10:07
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 11:11:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 14 13:32:01 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...	4.560	3.687	120.5E6	67059795	54.817	49.600
2)	SA Decachlor...	10.528	8.758	87034603	72334871	55.578	48.110
Target Compounds							
3)	L1 AR-1016-1	5.752	4.787	29124849	18851979	405.696	362.230
4)	L1 AR-1016-2	5.775	4.806	40497660	25620820	394.830	357.737
5)	L1 AR-1016-3	5.839	4.984	25208083	14755242	403.393	365.164
6)	L1 AR-1016-4	5.939	5.027	20617096	12247660	403.596	378.643
7)	L1 AR-1016-5	6.239	5.242	21758146	16208757	430.353	388.203
8)	L2 AR-1221-1	4.767	3.903	3165538	2164267	112.697	106.103
9)	L2 AR-1221-2	4.861	3.991	4960587	3301271	238.842	224.729
10)	L2 AR-1221-3	4.938	4.068	16602116	10743960	269.041	256.175
11)	L3 AR-1232-1	4.938	4.068	16602116	10743960	328.183	311.117
12)	L3 AR-1232-2	5.480	4.806	22412278	25620820	840.266	774.746
13)	L3 AR-1232-3	5.775	4.984	40497660	14755242	862.973	796.261
14)	L3 AR-1232-4	5.939	5.068	20617096	14887937	881.218	886.259
15)	L3 AR-1232-5	6.031	5.242	19188275	16208757	984.593	862.868
16)	L4 AR-1242-1	5.752	4.787	29124849	18851979	518.437	467.006
17)	L4 AR-1242-2	5.775	4.806	40497660	25620820	509.085	467.940
18)	L4 AR-1242-3	5.839	4.984	25208083	14755242	507.772	474.978
19)	L4 AR-1242-4	5.939	5.068	20617096	14887937	516.123	473.866
20)	L4 AR-1242-5	6.687	5.597	20806058	18634048	512.767	476.574
21)	L5 AR-1248-1	5.752	4.787	29124849	18851979	670.765	610.603
22)	L5 AR-1248-2	6.031	5.027	19188275	12247660	296.756	279.581
23)	L5 AR-1248-3	6.239	5.068	21758146	14887937	309.878	321.173
24)	L5 AR-1248-4	6.648	5.242	20226536	16208757	264.721	293.214
25)	L5 AR-1248-5	6.687	5.638	20806058	14413713	281.951	276.486
26)	L6 AR-1254-1	6.620	5.597	16803177	18634048	212.459	241.182
27)	L6 AR-1254-2	6.845	5.746	20031593	5793236	168.152	83.613 #
28)	L6 AR-1254-3	7.213	6.153	9830004	8256579	80.350	72.969
29)	L6 AR-1254-4	7.502	6.383	6802953	5345260	77.289	77.796
30)	L6 AR-1254-5	7.926	6.804	3455847	3513722	34.802	32.848
31)	L7 AR-1260-1	7.380	6.298	2023339	4625611	21.616	55.898 #
32)	L7 AR-1260-2	7.638	6.473	2633466	1540632	24.256	15.645 #
33)	L7 AR-1260-3	7.991	6.627	461924	1781194	6.646	18.835 #
34)	L7 AR-1260-4	8.222	0.000	1293392	0	15.162	N.D. #
35)	L7 AR-1260-5	8.547	7.346	324783	295485	2.013	1.762
36)	L8 AR-1262-1	7.991	6.875f	461924	444865	3.678	9.332 #
37)	L8 AR-1262-2	8.574	0.000	556883	0	2.517	N.D. #
39)	L8 AR-1262-4	0.000	7.695	0	540096	N.D.	3.572 #
42)	L9 AR-1268-2	0.000	7.695	0	540096	N.D.	2.517 #
43)	L9 AR-1268-3	9.247	7.911	283715	186485	1.387	0.984 #
45)	L9 AR-1268-5	10.156	8.495	782591	617184	1.227	1.118

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101723\
Data File : PP061003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2023 10:07
Operator : YP\AJ
Sample : AR1242CCC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

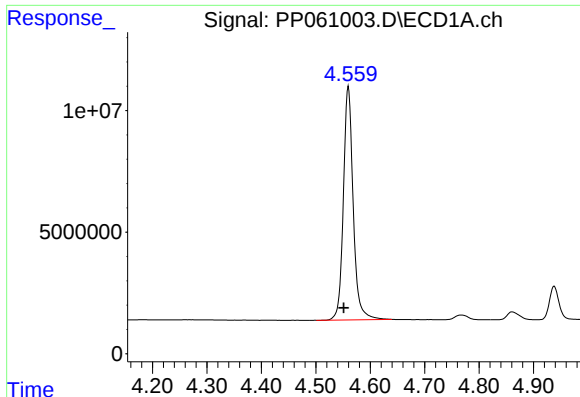
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 11:11:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 14 13:32:01 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

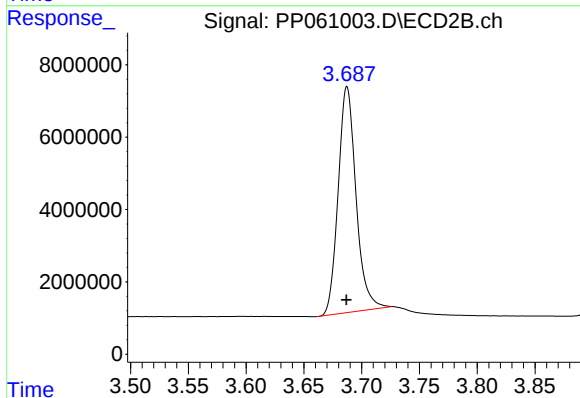
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

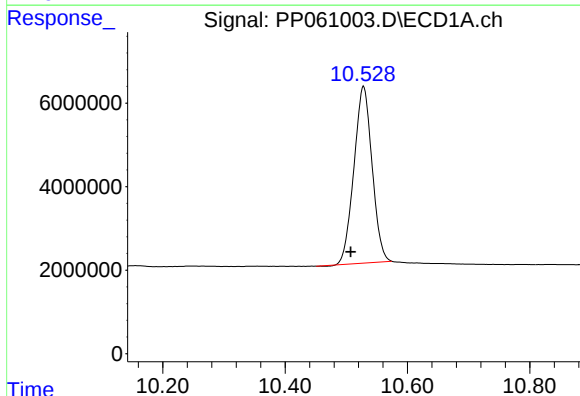
R.T.: 4.560 min
Delta R.T.: 0.009 min
Response: 120506873
Conc: 54.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



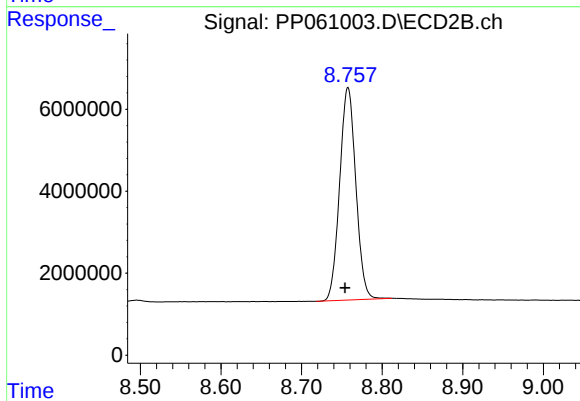
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 67059795
Conc: 49.60 ng/ml



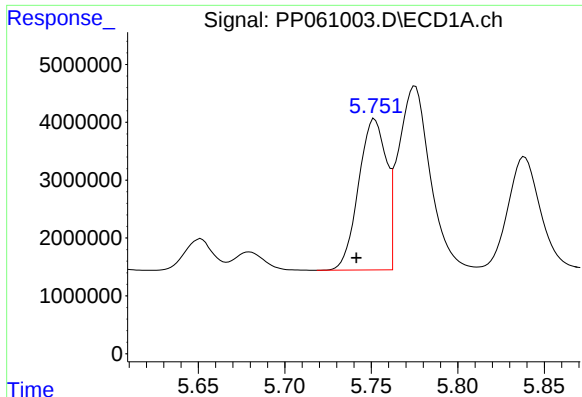
#2 Decachlorobiphenyl

R.T.: 10.528 min
Delta R.T.: 0.021 min
Response: 87034603
Conc: 55.58 ng/ml



#2 Decachlorobiphenyl

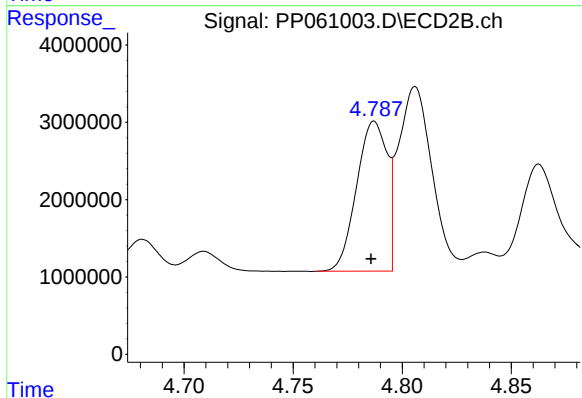
R.T.: 8.758 min
Delta R.T.: 0.004 min
Response: 72334871
Conc: 48.11 ng/ml



#3 AR-1016-1

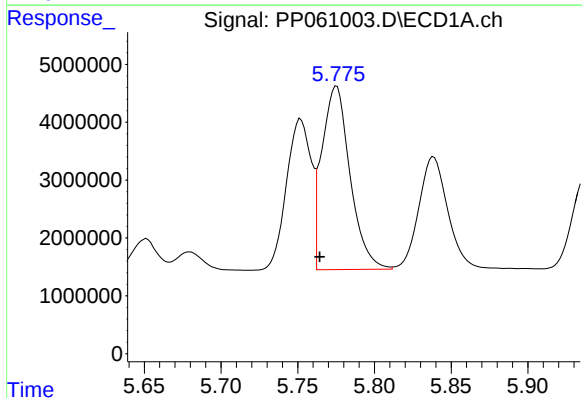
R.T.: 5.752 min
Delta R.T.: 0.011 min
Response: 29124849
Conc: 405.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



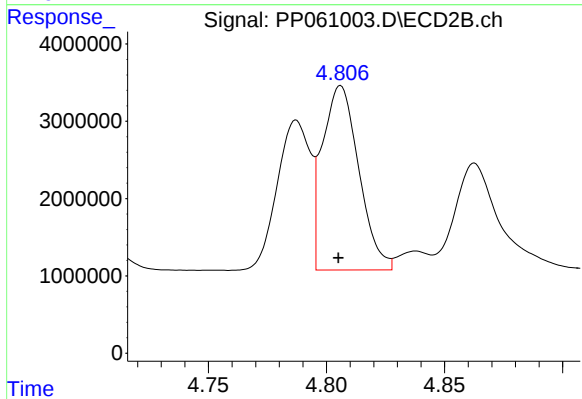
#3 AR-1016-1

R.T.: 4.787 min
Delta R.T.: 0.001 min
Response: 18851979
Conc: 362.23 ng/ml



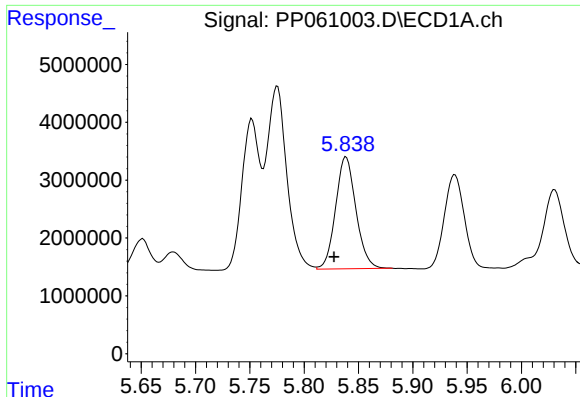
#4 AR-1016-2

R.T.: 5.775 min
Delta R.T.: 0.011 min
Response: 40497660
Conc: 394.83 ng/ml



#4 AR-1016-2

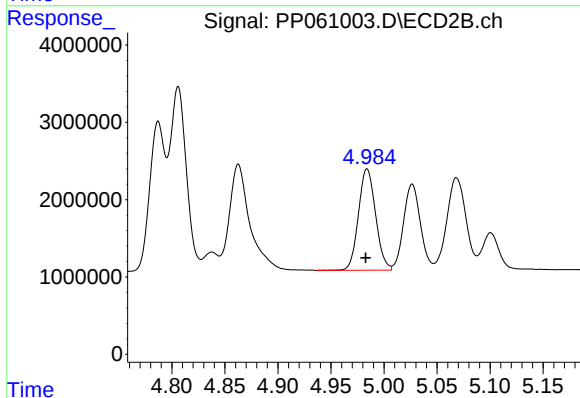
R.T.: 4.806 min
Delta R.T.: 0.000 min
Response: 25620820
Conc: 357.74 ng/ml



#5 AR-1016-3

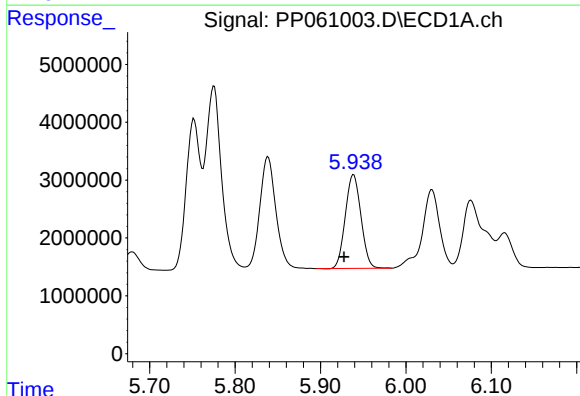
R.T.: 5.839 min
Delta R.T.: 0.011 min
Response: 25208083
Conc: 403.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



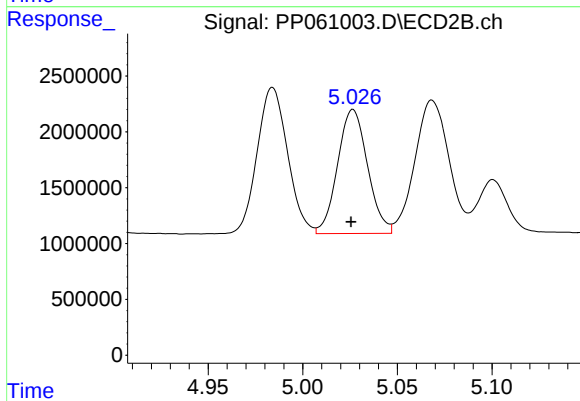
#5 AR-1016-3

R.T.: 4.984 min
Delta R.T.: 0.001 min
Response: 14755242
Conc: 365.16 ng/ml



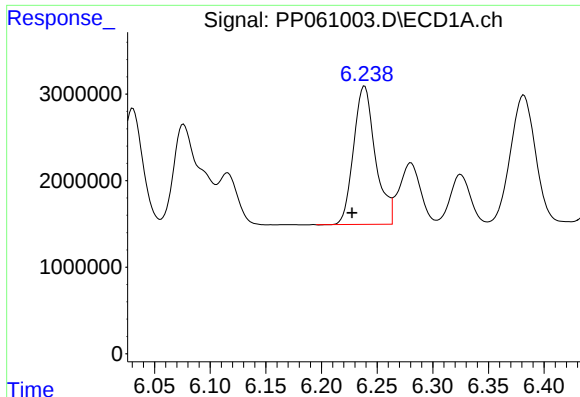
#6 AR-1016-4

R.T.: 5.939 min
Delta R.T.: 0.011 min
Response: 20617096
Conc: 403.60 ng/ml



#6 AR-1016-4

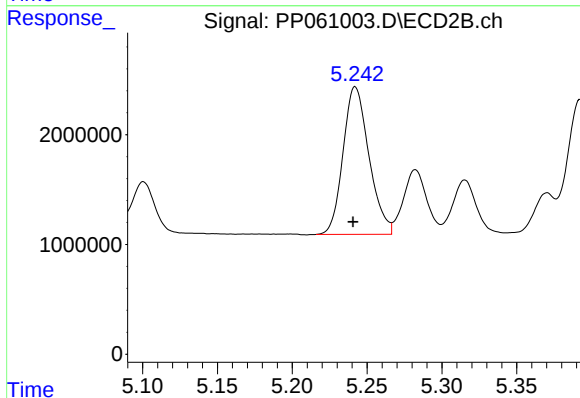
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 12247660
Conc: 378.64 ng/ml



#7 AR-1016-5

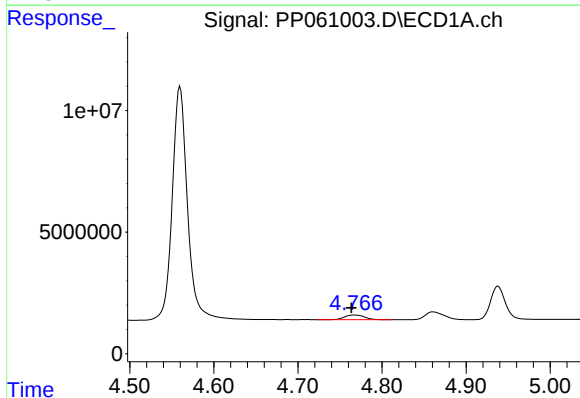
R.T.: 6.239 min
Delta R.T.: 0.011 min
Response: 21758146
Conc: 430.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



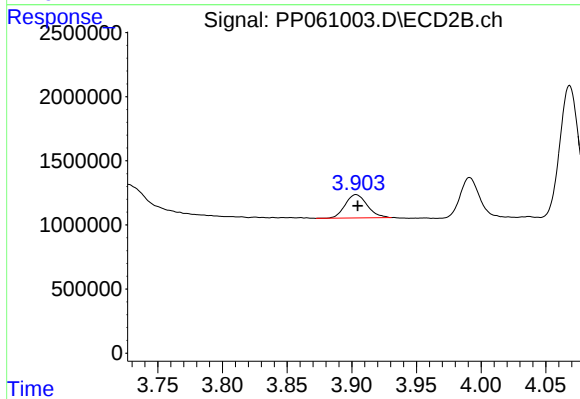
#7 AR-1016-5

R.T.: 5.242 min
Delta R.T.: 0.002 min
Response: 16208757
Conc: 388.20 ng/ml



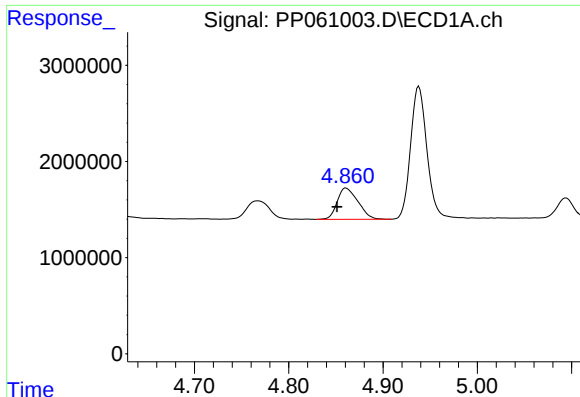
#8 AR-1221-1

R.T.: 4.767 min
Delta R.T.: 0.003 min
Response: 3165538
Conc: 112.70 ng/ml



#8 AR-1221-1

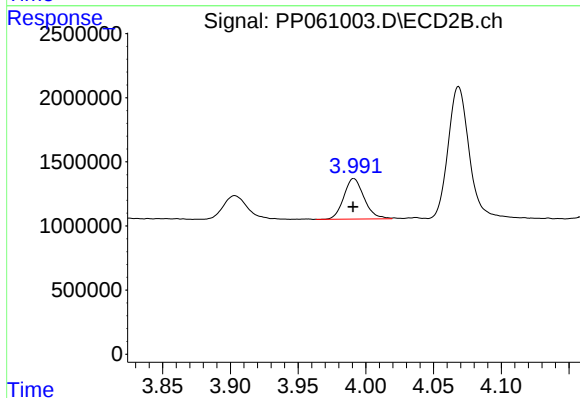
R.T.: 3.903 min
Delta R.T.: -0.001 min
Response: 2164267
Conc: 106.10 ng/ml



#9 AR-1221-2

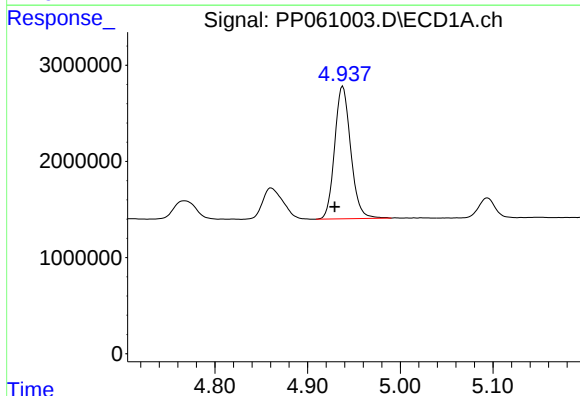
R.T.: 4.861 min
Delta R.T.: 0.010 min
Response: 4960587
Conc: 238.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



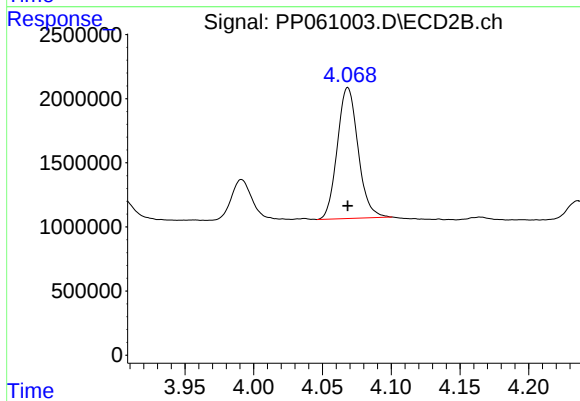
#9 AR-1221-2

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 3301271
Conc: 224.73 ng/ml



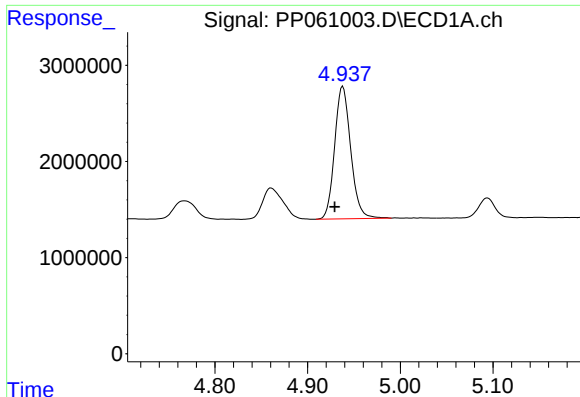
#10 AR-1221-3

R.T.: 4.938 min
Delta R.T.: 0.009 min
Response: 16602116
Conc: 269.04 ng/ml



#10 AR-1221-3

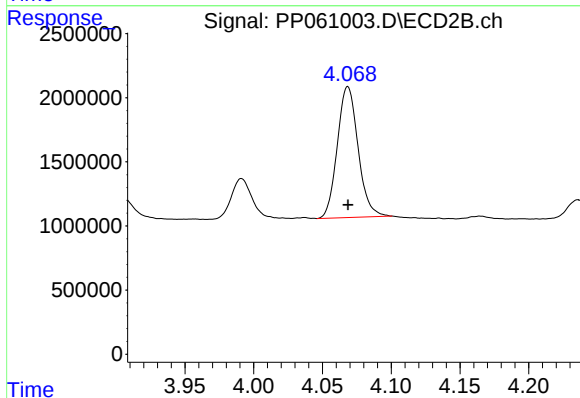
R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 10743960
Conc: 256.17 ng/ml



#11 AR-1232-1

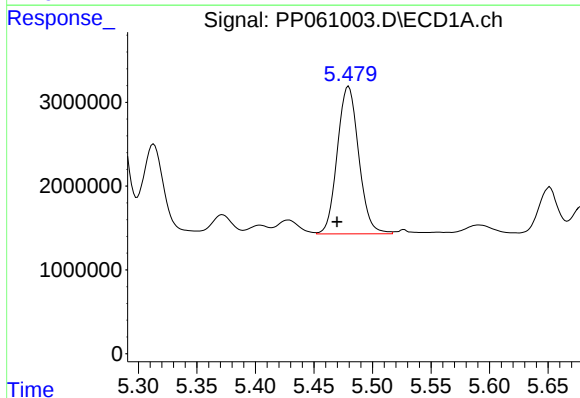
R.T.: 4.938 min
Delta R.T.: 0.009 min
Response: 16602116
Conc: 328.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



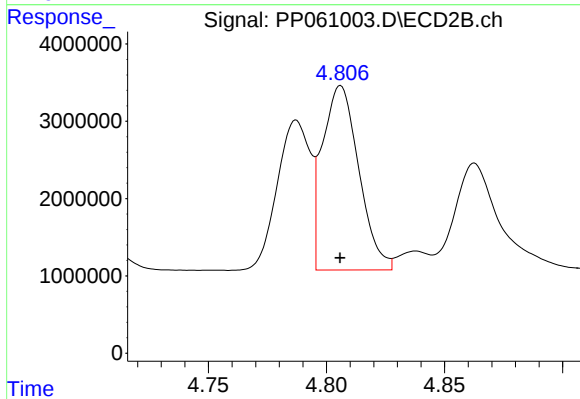
#11 AR-1232-1

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 10743960
Conc: 311.12 ng/ml



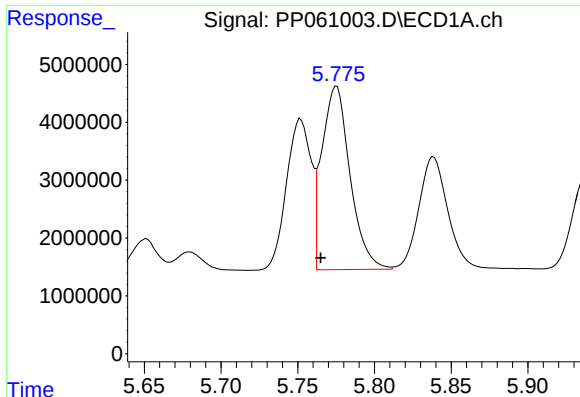
#12 AR-1232-2

R.T.: 5.480 min
Delta R.T.: 0.010 min
Response: 22412278
Conc: 840.27 ng/ml



#12 AR-1232-2

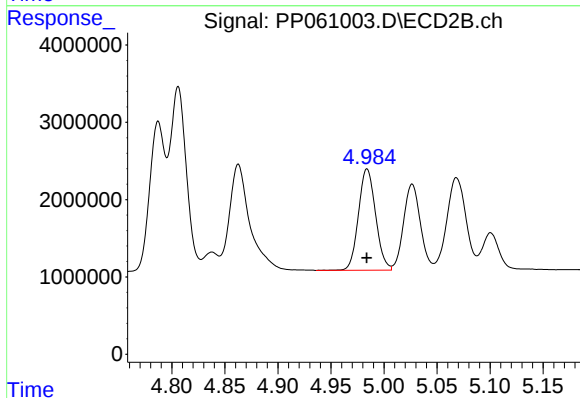
R.T.: 4.806 min
Delta R.T.: 0.000 min
Response: 25620820
Conc: 774.75 ng/ml



#13 AR-1232-3

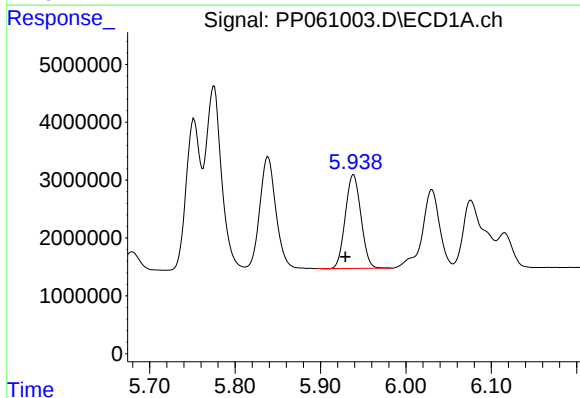
R.T.: 5.775 min
Delta R.T.: 0.010 min
Response: 40497660
Conc: 862.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



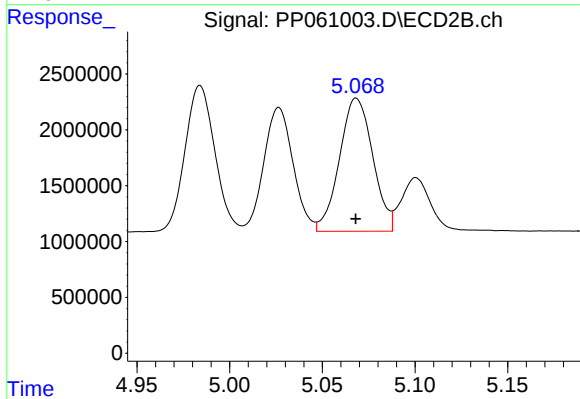
#13 AR-1232-3

R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 14755242
Conc: 796.26 ng/ml



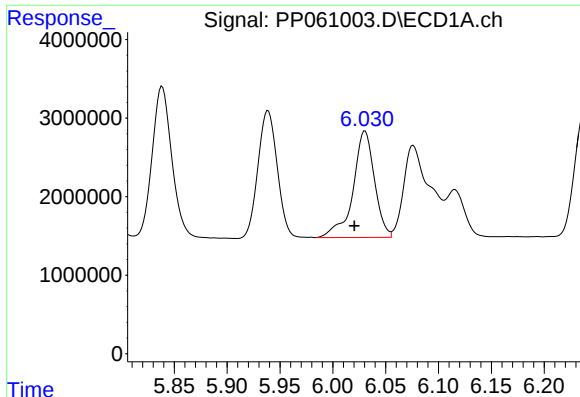
#14 AR-1232-4

R.T.: 5.939 min
Delta R.T.: 0.010 min
Response: 20617096
Conc: 881.22 ng/ml



#14 AR-1232-4

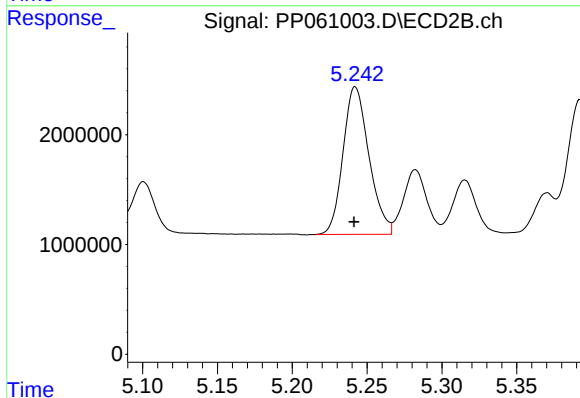
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 14887937
Conc: 886.26 ng/ml



#15 AR-1232-5

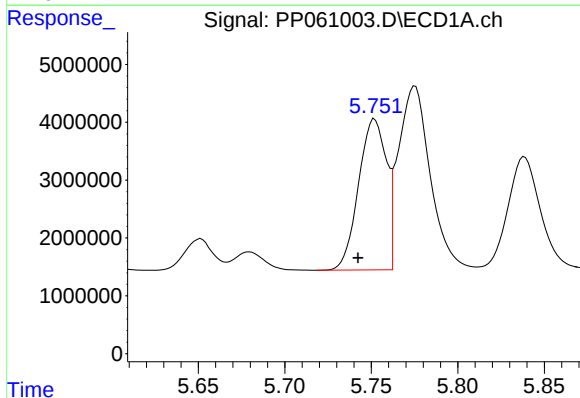
R.T.: 6.031 min
Delta R.T.: 0.010 min
Response: 19188275
Conc: 984.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



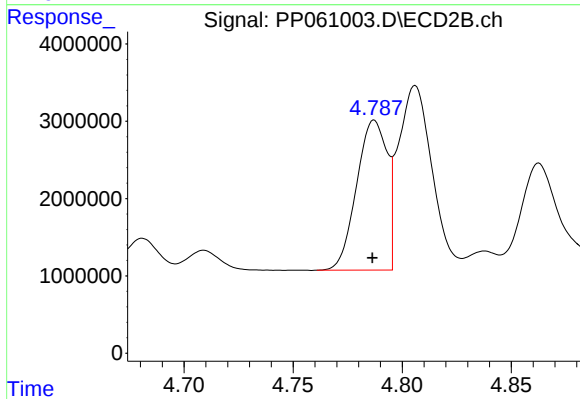
#15 AR-1232-5

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 16208757
Conc: 862.87 ng/ml



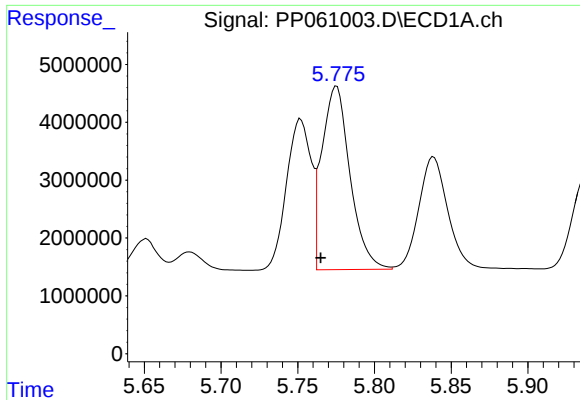
#16 AR-1242-1

R.T.: 5.752 min
Delta R.T.: 0.009 min
Response: 29124849
Conc: 518.44 ng/ml



#16 AR-1242-1

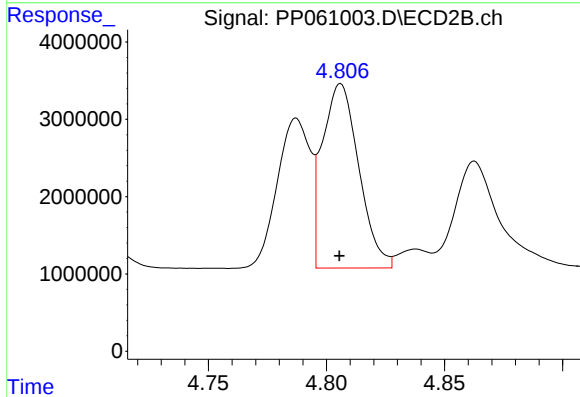
R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 18851979
Conc: 467.01 ng/ml



#17 AR-1242-2

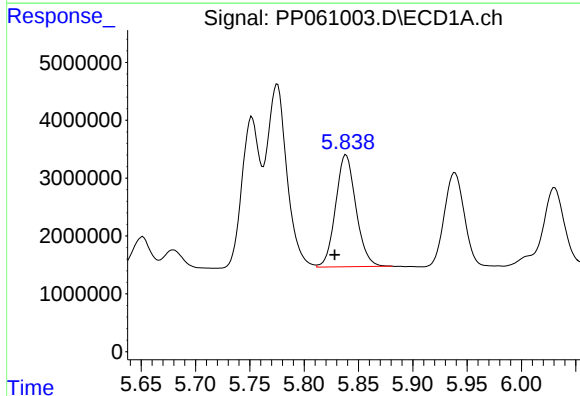
R.T.: 5.775 min
Delta R.T.: 0.010 min
Response: 40497660
Conc: 509.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



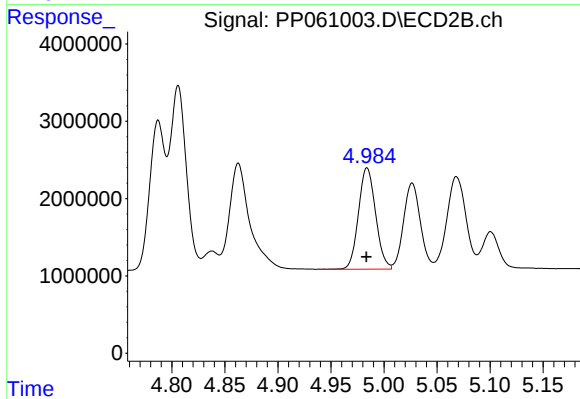
#17 AR-1242-2

R.T.: 4.806 min
Delta R.T.: 0.000 min
Response: 25620820
Conc: 467.94 ng/ml



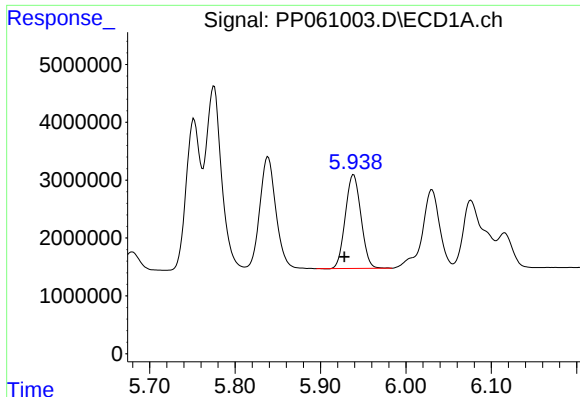
#18 AR-1242-3

R.T.: 5.839 min
Delta R.T.: 0.010 min
Response: 25208083
Conc: 507.77 ng/ml



#18 AR-1242-3

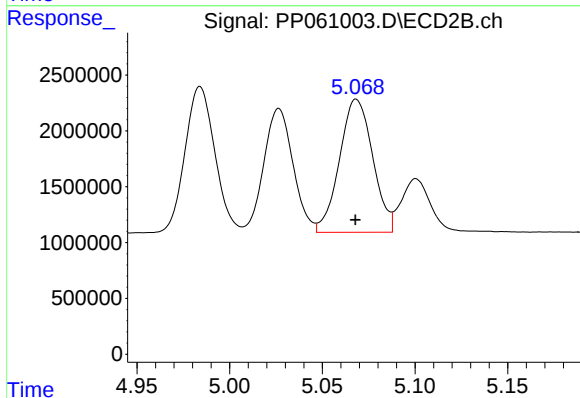
R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 14755242
Conc: 474.98 ng/ml



#19 AR-1242-4

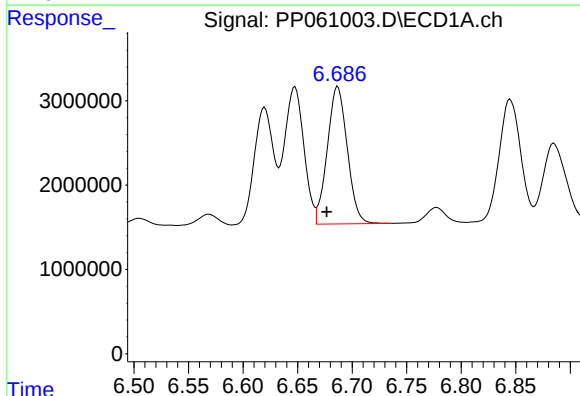
R.T.: 5.939 min
Delta R.T.: 0.011 min
Response: 20617096
Conc: 516.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



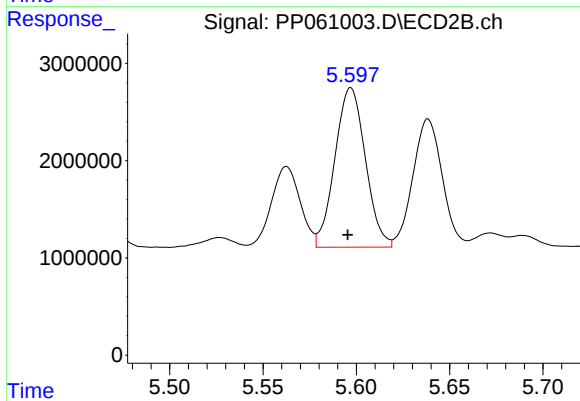
#19 AR-1242-4

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 14887937
Conc: 473.87 ng/ml



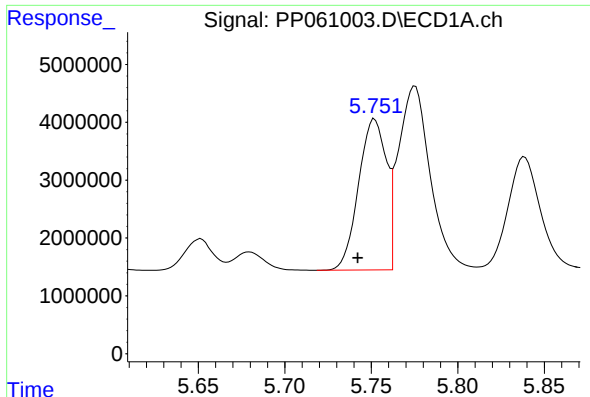
#20 AR-1242-5

R.T.: 6.687 min
Delta R.T.: 0.010 min
Response: 20806058
Conc: 512.77 ng/ml



#20 AR-1242-5

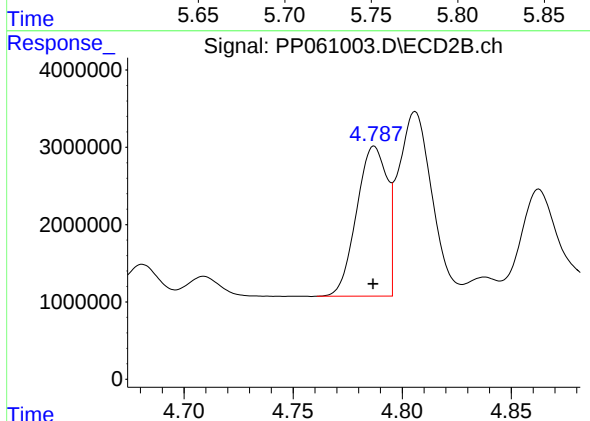
R.T.: 5.597 min
Delta R.T.: 0.002 min
Response: 18634048
Conc: 476.57 ng/ml



#21 AR-1248-1

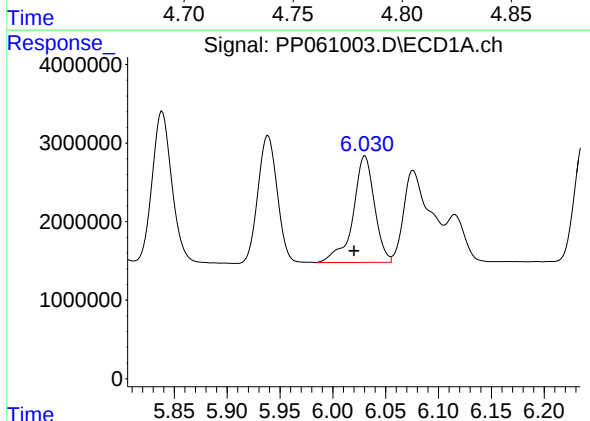
R.T.: 5.752 min
Delta R.T.: 0.010 min
Response: 29124849
Conc: 670.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



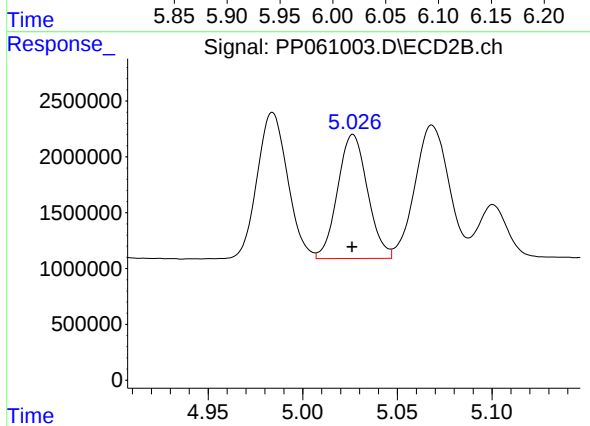
#21 AR-1248-1

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 18851979
Conc: 610.60 ng/ml



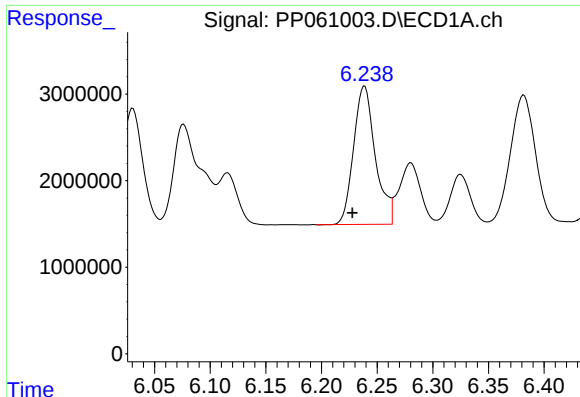
#22 AR-1248-2

R.T.: 6.031 min
Delta R.T.: 0.010 min
Response: 19188275
Conc: 296.76 ng/ml



#22 AR-1248-2

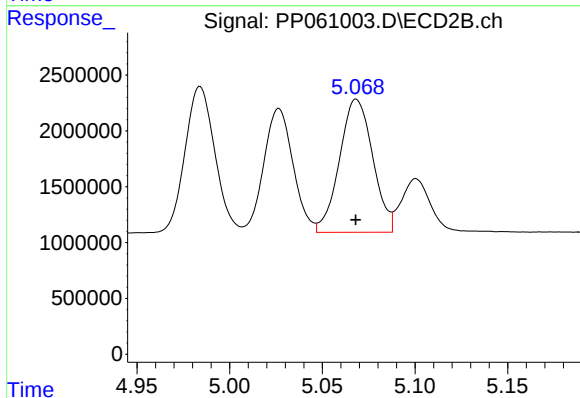
R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 12247660
Conc: 279.58 ng/ml



#23 AR-1248-3

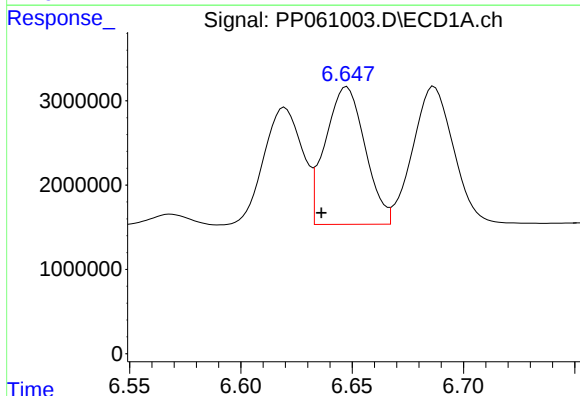
R.T.: 6.239 min
Delta R.T.: 0.011 min
Response: 21758146
Conc: 309.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



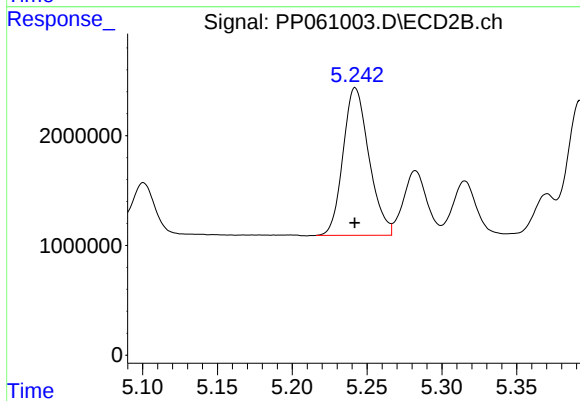
#23 AR-1248-3

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 14887937
Conc: 321.17 ng/ml



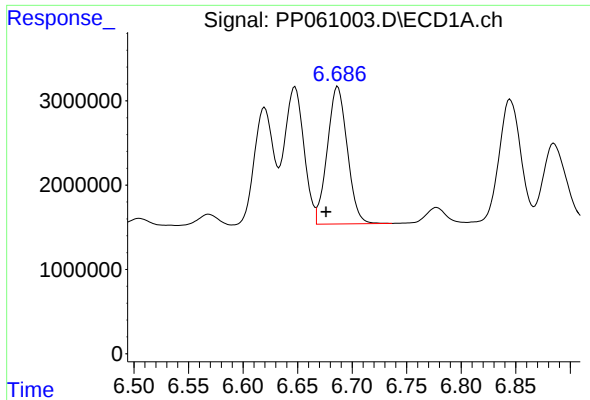
#24 AR-1248-4

R.T.: 6.648 min
Delta R.T.: 0.011 min
Response: 20226536
Conc: 264.72 ng/ml



#24 AR-1248-4

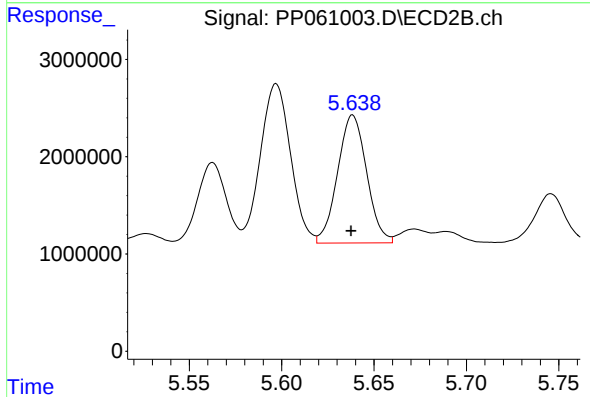
R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 16208757
Conc: 293.21 ng/ml



#25 AR-1248-5

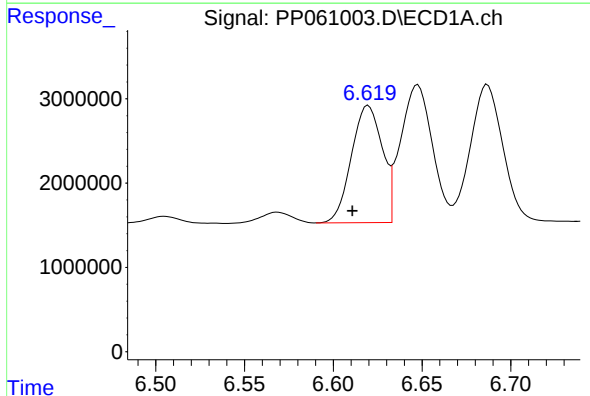
R.T.: 6.687 min
Delta R.T.: 0.011 min
Response: 20806058
Conc: 281.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



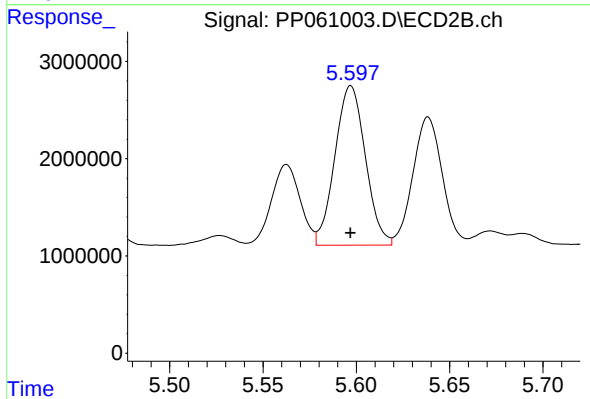
#25 AR-1248-5

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 14413713
Conc: 276.49 ng/ml



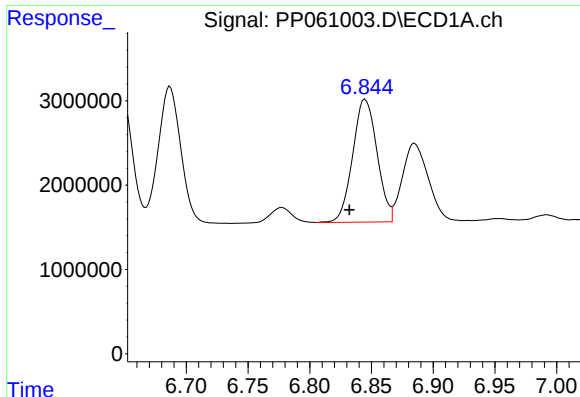
#26 AR-1254-1

R.T.: 6.620 min
Delta R.T.: 0.009 min
Response: 16803177
Conc: 212.46 ng/ml



#26 AR-1254-1

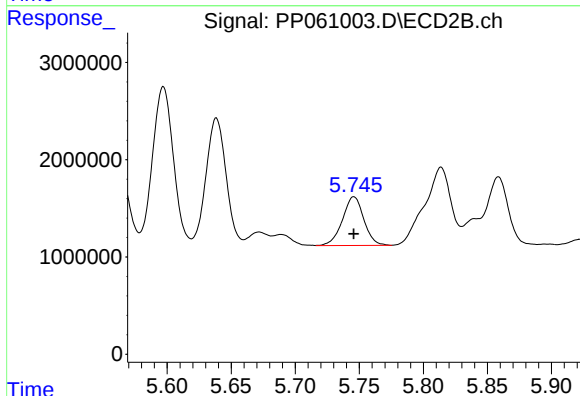
R.T.: 5.597 min
Delta R.T.: 0.000 min
Response: 18634048
Conc: 241.18 ng/ml



#27 AR-1254-2

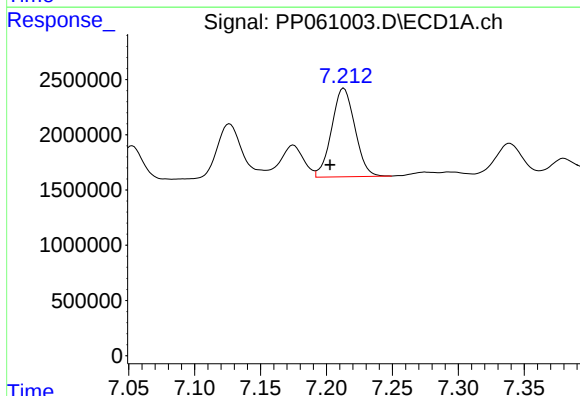
R.T.: 6.845 min
Delta R.T.: 0.013 min
Response: 20031593
Conc: 168.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



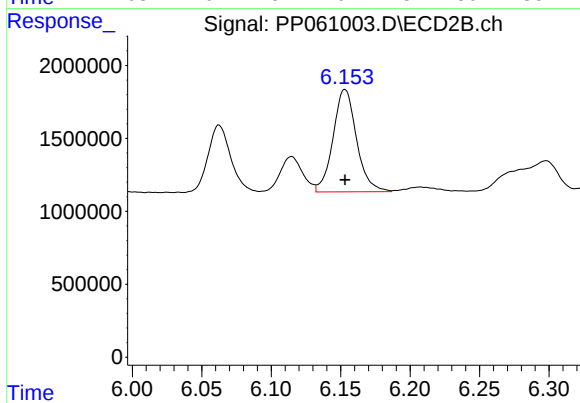
#27 AR-1254-2

R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 5793236
Conc: 83.61 ng/ml



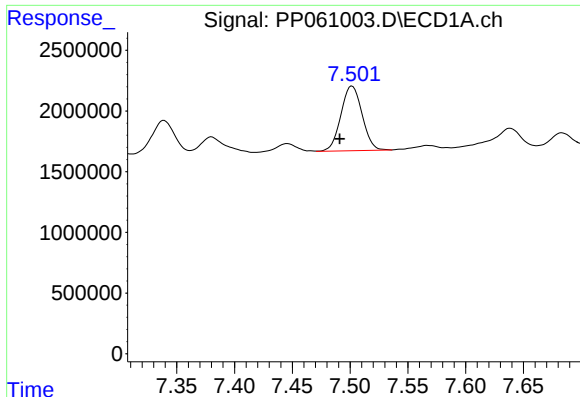
#28 AR-1254-3

R.T.: 7.213 min
Delta R.T.: 0.010 min
Response: 9830004
Conc: 80.35 ng/ml



#28 AR-1254-3

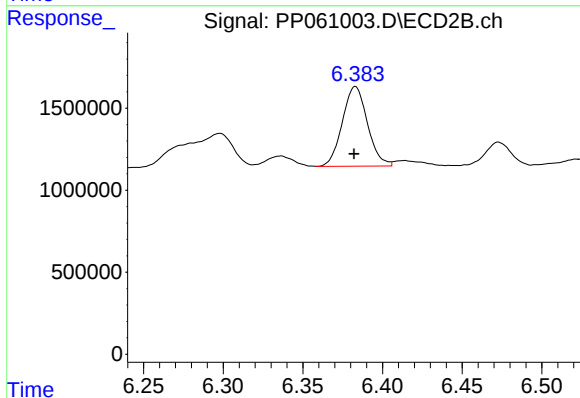
R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 8256579
Conc: 72.97 ng/ml



#29 AR-1254-4

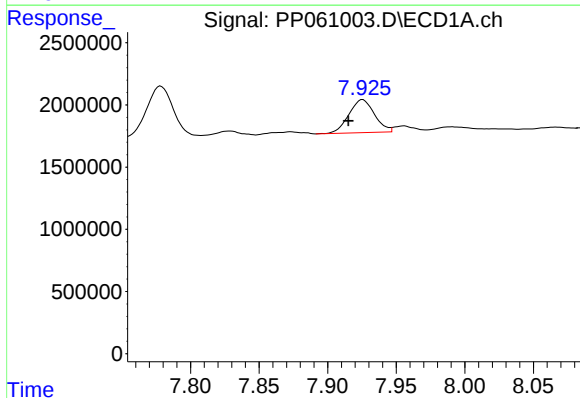
R.T.: 7.502 min
Delta R.T.: 0.011 min
Response: 6802953
Conc: 77.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



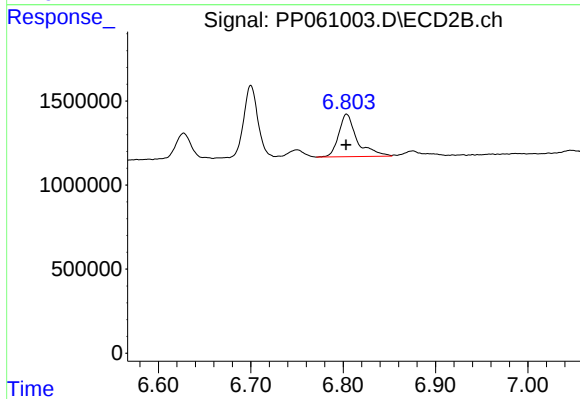
#29 AR-1254-4

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 5345260
Conc: 77.80 ng/ml



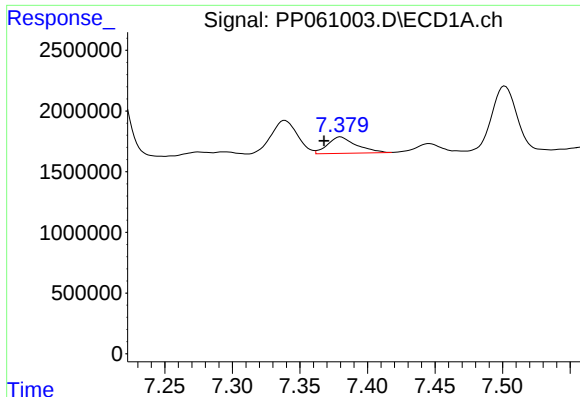
#30 AR-1254-5

R.T.: 7.926 min
Delta R.T.: 0.010 min
Response: 3455847
Conc: 34.80 ng/ml



#30 AR-1254-5

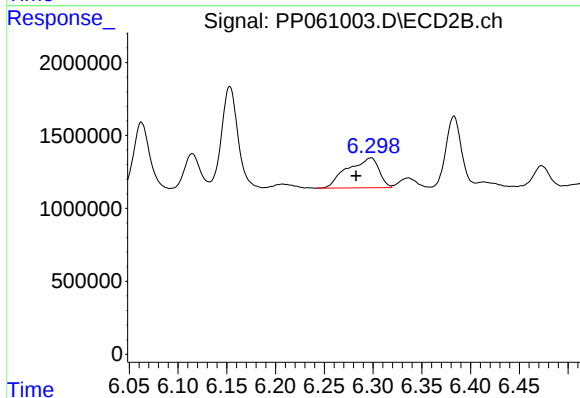
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 3513722
Conc: 32.85 ng/ml



#31 AR-1260-1

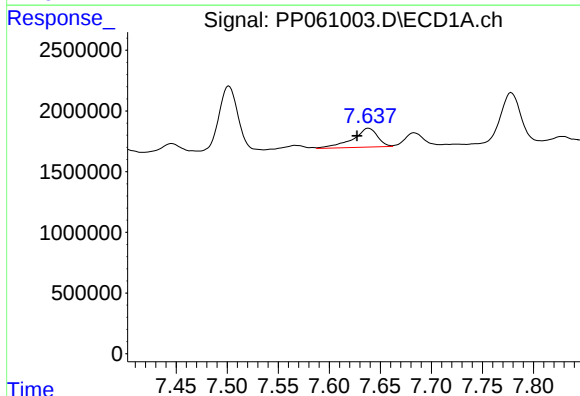
R.T.: 7.380 min
Delta R.T.: 0.012 min
Response: 2023339
Conc: 21.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



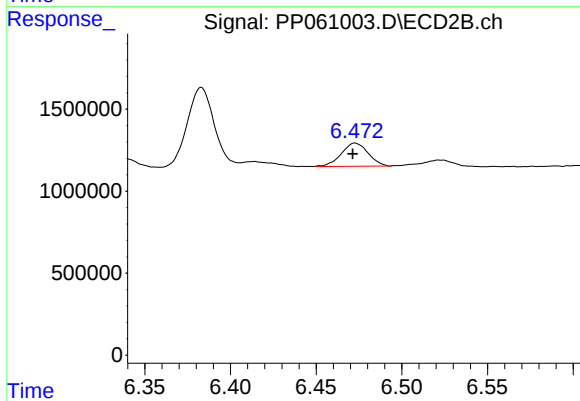
#31 AR-1260-1

R.T.: 6.298 min
Delta R.T.: 0.015 min
Response: 4625611
Conc: 55.90 ng/ml



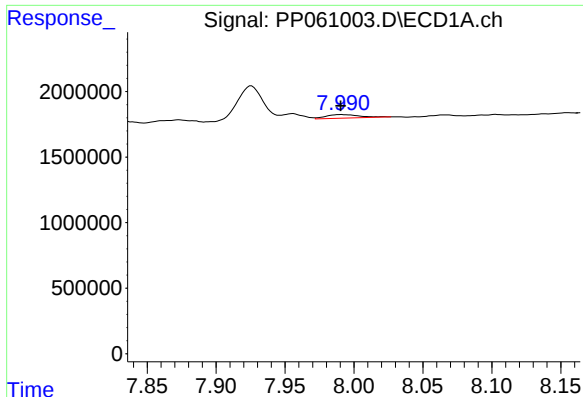
#32 AR-1260-2

R.T.: 7.638 min
Delta R.T.: 0.011 min
Response: 2633466
Conc: 24.26 ng/ml



#32 AR-1260-2

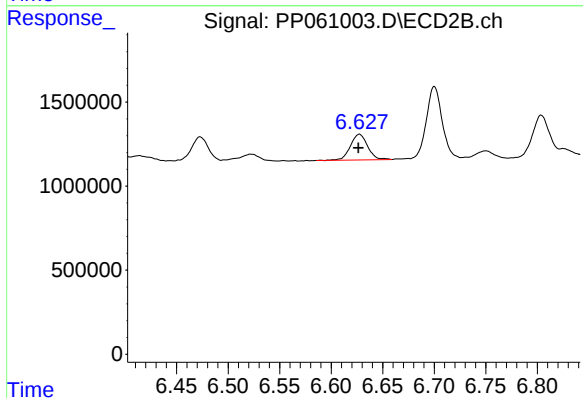
R.T.: 6.473 min
Delta R.T.: 0.001 min
Response: 1540632
Conc: 15.65 ng/ml



#33 AR-1260-3

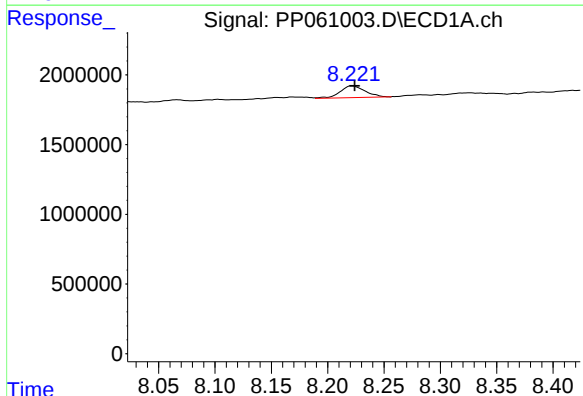
R.T.: 7.991 min
Delta R.T.: 0.000 min
Response: 461924
Conc: 6.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



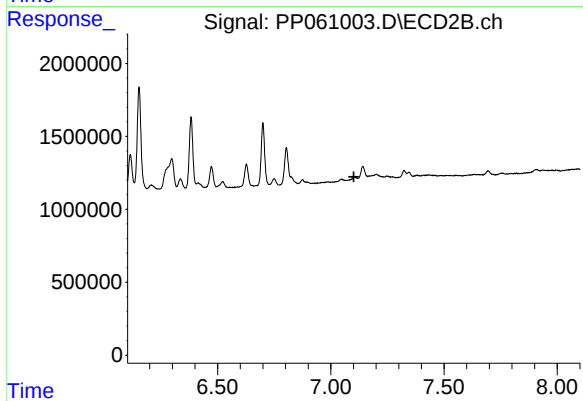
#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.001 min
Response: 1781194
Conc: 18.84 ng/ml



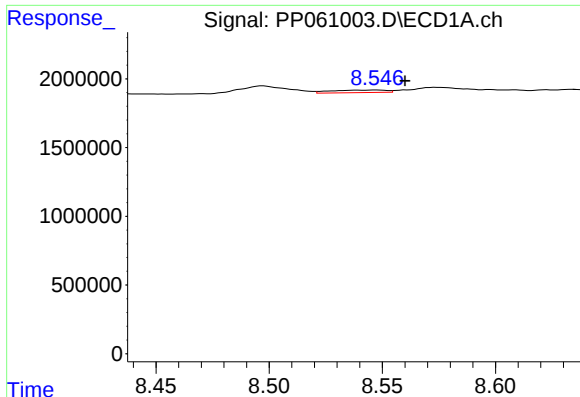
#34 AR-1260-4

R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 1293392
Conc: 15.16 ng/ml



#34 AR-1260-4

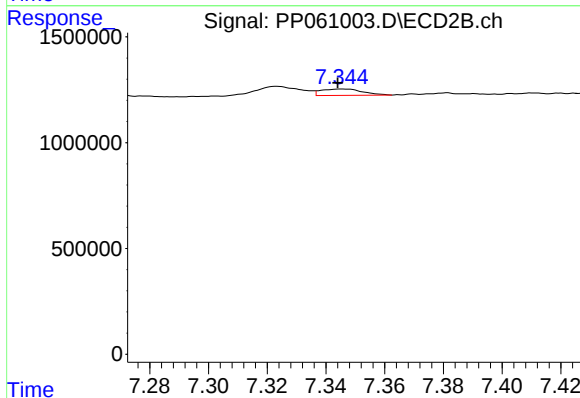
R.T.: 0.000 min
Exp R.T. : 7.102 min
Response: 0
Conc: N.D.



#35 AR-1260-5

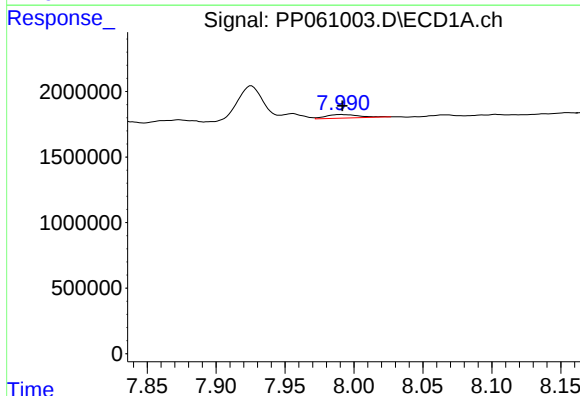
R.T.: 8.547 min
Delta R.T.: -0.013 min
Response: 324783
Conc: 2.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



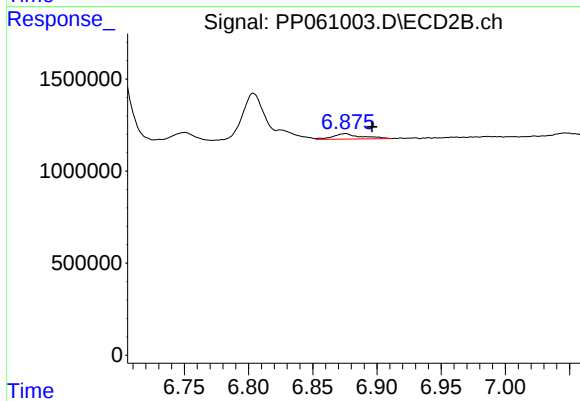
#35 AR-1260-5

R.T.: 7.346 min
Delta R.T.: 0.002 min
Response: 295485
Conc: 1.76 ng/ml



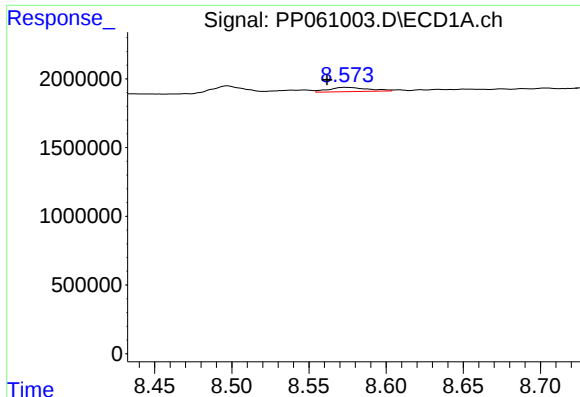
#36 AR-1262-1

R.T.: 7.991 min
Delta R.T.: -0.001 min
Response: 461924
Conc: 3.68 ng/ml



#36 AR-1262-1

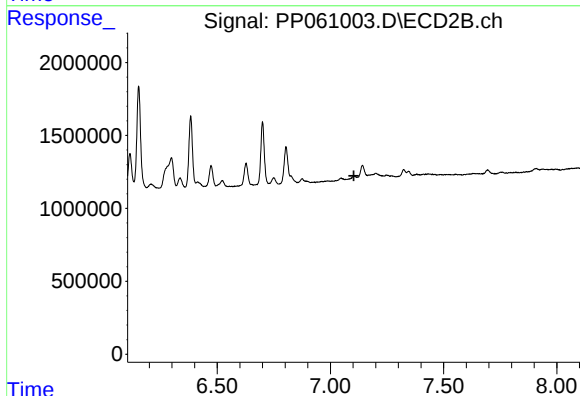
R.T.: 6.875 min
Delta R.T.: -0.021 min
Response: 444865
Conc: 9.33 ng/ml



#37 AR-1262-2

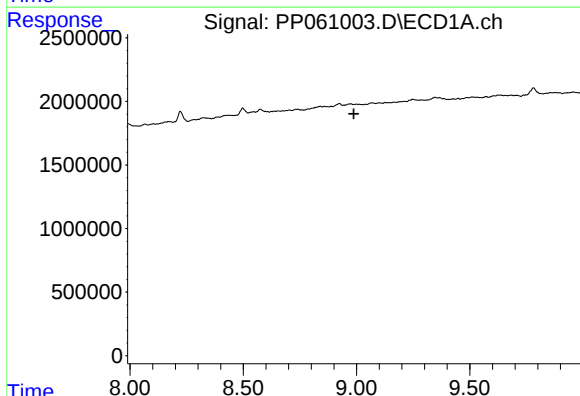
R.T.: 8.574 min
Delta R.T.: 0.013 min
Response: 556883
Conc: 2.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



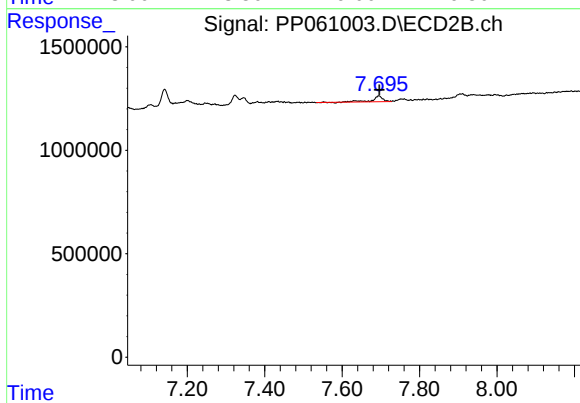
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.103 min
Response: 0
Conc: N.D.



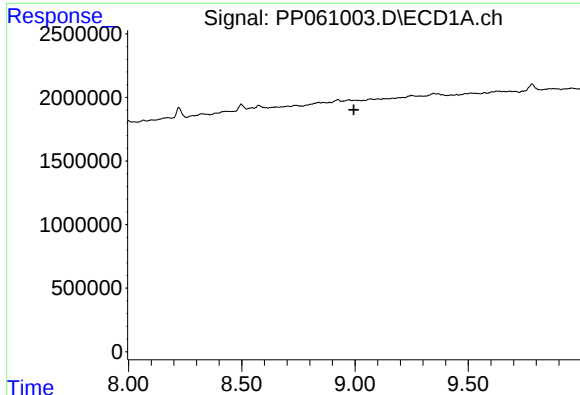
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.988 min
Response: 0
Conc: N.D.



#39 AR-1262-4

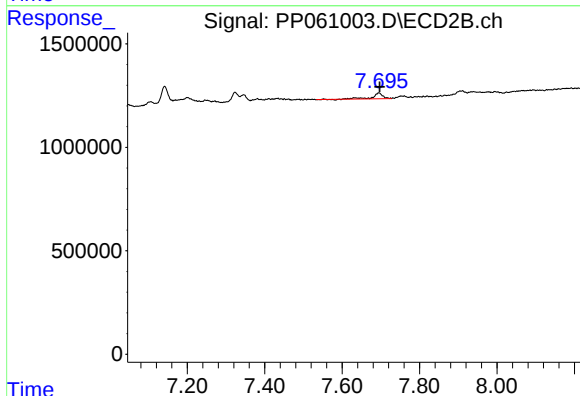
R.T.: 7.695 min
Delta R.T.: -0.001 min
Response: 540096
Conc: 3.57 ng/ml



#42 AR-1268-2

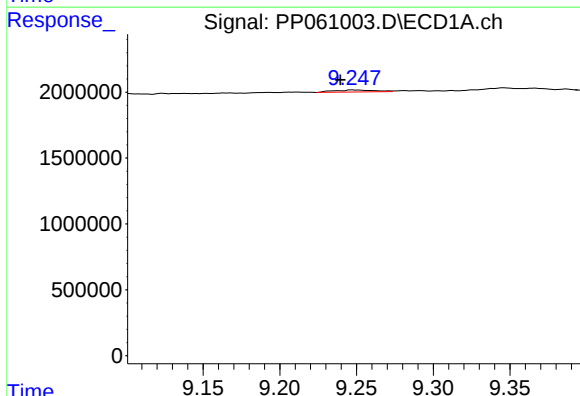
R.T.: 0.000 min
Exp R.T.: 8.994 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



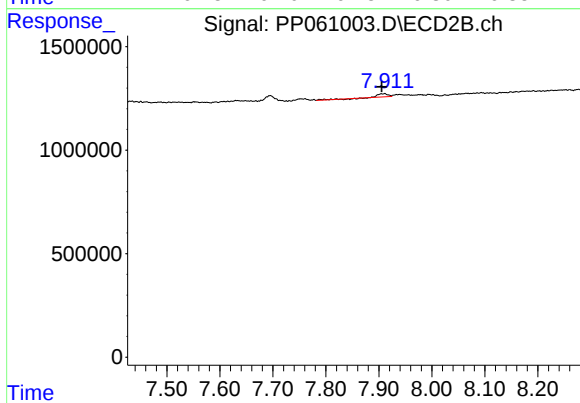
#42 AR-1268-2

R.T.: 7.695 min
Delta R.T.: -0.003 min
Response: 540096
Conc: 2.52 ng/ml



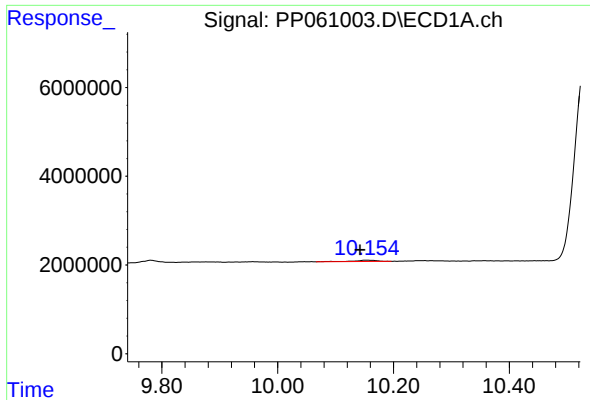
#43 AR-1268-3

R.T.: 9.247 min
Delta R.T.: 0.008 min
Response: 283715
Conc: 1.39 ng/ml



#43 AR-1268-3

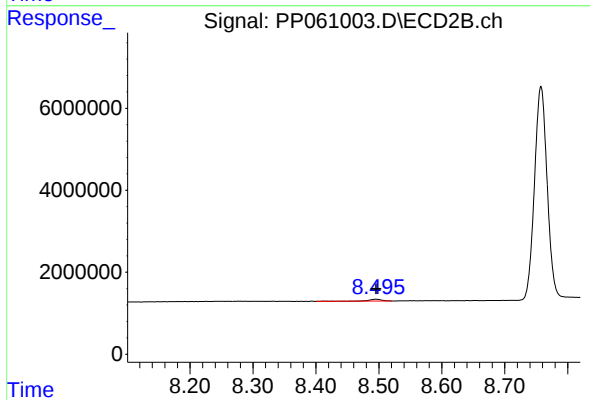
R.T.: 7.911 min
Delta R.T.: 0.005 min
Response: 186485
Conc: 0.98 ng/ml



#45 AR-1268-5

R.T.: 10.156 min
Delta R.T.: 0.013 min
Response: 782591
Conc: 1.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 617184
Conc: 1.12 ng/ml