

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101723\
 Data File : PP061004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2023 10:23
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 11:11:41 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...	4.552	3.687	121.5E6	69381020	55.268	51.317
2)	SA Decachlor...	10.512	8.753	90405697	74004898	57.731	49.221
Target Compounds							
3)	L1 AR-1016-1	5.743	4.785	22781255	14954279	317.333	287.338
4)	L1 AR-1016-2	5.767	4.804	26982231	14687719	263.062	205.081
5)	L1 AR-1016-3	5.830	4.984	13551527	10781858	216.859	266.830
6)	L1 AR-1016-4	5.929	5.025	15075294	21169169	295.111	654.457 #
7)	L1 AR-1016-5	6.229	5.240	36606781	26468364	724.043	633.922
9)	L2 AR-1221-2	4.865	3.990	1862791	1298037	89.690	88.362
10)	L2 AR-1221-3	4.931	4.068	1926392	1259465	31.218	30.030
11)	L3 AR-1232-1	4.931	4.068	1926392	1259465	38.080	36.471
12)	L3 AR-1232-2	5.471	4.804	10733632	14687719	402.418	444.141
13)	L3 AR-1232-3	5.767	4.984	26982231	10781858	574.970	581.839
14)	L3 AR-1232-4	5.929	5.067	15075294	22348630	644.350	1330.384 #
15)	L3 AR-1232-5	6.022	5.240	33291511	26468364	1708.261	1409.035
16)	L4 AR-1242-1	5.743	4.785	22781255	14954279	405.518	370.451
17)	L4 AR-1242-2	5.767	4.804	26982231	14687719	339.187	268.257
18)	L4 AR-1242-3	5.830	4.984	13551527	10781858	272.972	347.073 #
19)	L4 AR-1242-4	5.929	5.067	15075294	22348630	377.391	711.332 #
20)	L4 AR-1242-5	6.677	5.595	38575312	35756699	950.691	914.493
21)	L5 AR-1248-1	5.743	4.785	22781255	14954279	524.668	484.359
22)	L5 AR-1248-2	6.022	5.025	33291511	21169169	514.869	483.235
23)	L5 AR-1248-3	6.229	5.067	36606781	22348630	521.351	482.120
24)	L5 AR-1248-4	6.638	5.240	39325126	26468364	514.680	478.809
25)	L5 AR-1248-5	6.677	5.636	38575312	25174230	522.749	482.895
26)	L6 AR-1254-1	6.610	5.595	32879885	35756699	415.732	462.802
27)	L6 AR-1254-2	6.836	5.744	39556061	10860677	332.047	156.751 #
28)	L6 AR-1254-3	7.204	6.151	21465885	17495058	175.461	154.616
29)	L6 AR-1254-4	7.493	6.381	14381733	12206110	163.393	177.649
30)	L6 AR-1254-5	7.917	6.802	3636190	3512268	36.618	32.834
31)	L7 AR-1260-1	7.372	6.270	2358543	2185329	25.197	26.409
32)	L7 AR-1260-2	7.628	6.471	3364591	1404688	30.991	14.265 #
33)	L7 AR-1260-3	7.979	6.625	765513	1975332	11.014	20.888 #
34)	L7 AR-1260-4	8.214	0.000	1279638	0	15.000	N.D. #
35)	L7 AR-1260-5	8.563	7.344	930459	545154	5.767	3.250 #
36)	L8 AR-1262-1	7.979	6.871f	765513	236408	6.095	4.959
37)	L8 AR-1262-2	8.563	0.000	930459	0	4.205	N.D. #
38)	L8 AR-1262-3	8.916f	7.631	279665	147144	1.862	1.758
39)	L8 AR-1262-4	8.966f	7.692	211686	514872	1.872	3.405 #
41)	L9 AR-1268-1	8.916f	7.631	279665	147144	1.073	0.613 #
42)	L9 AR-1268-2	8.966f	7.692	211686	514872	0.903	2.400 #
43)	L9 AR-1268-3	9.231	7.903	56375	84579	0.276	0.447 #

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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
45) L9	AR-1268-5	10.145	8.492	844584	691884	1.324	1.253

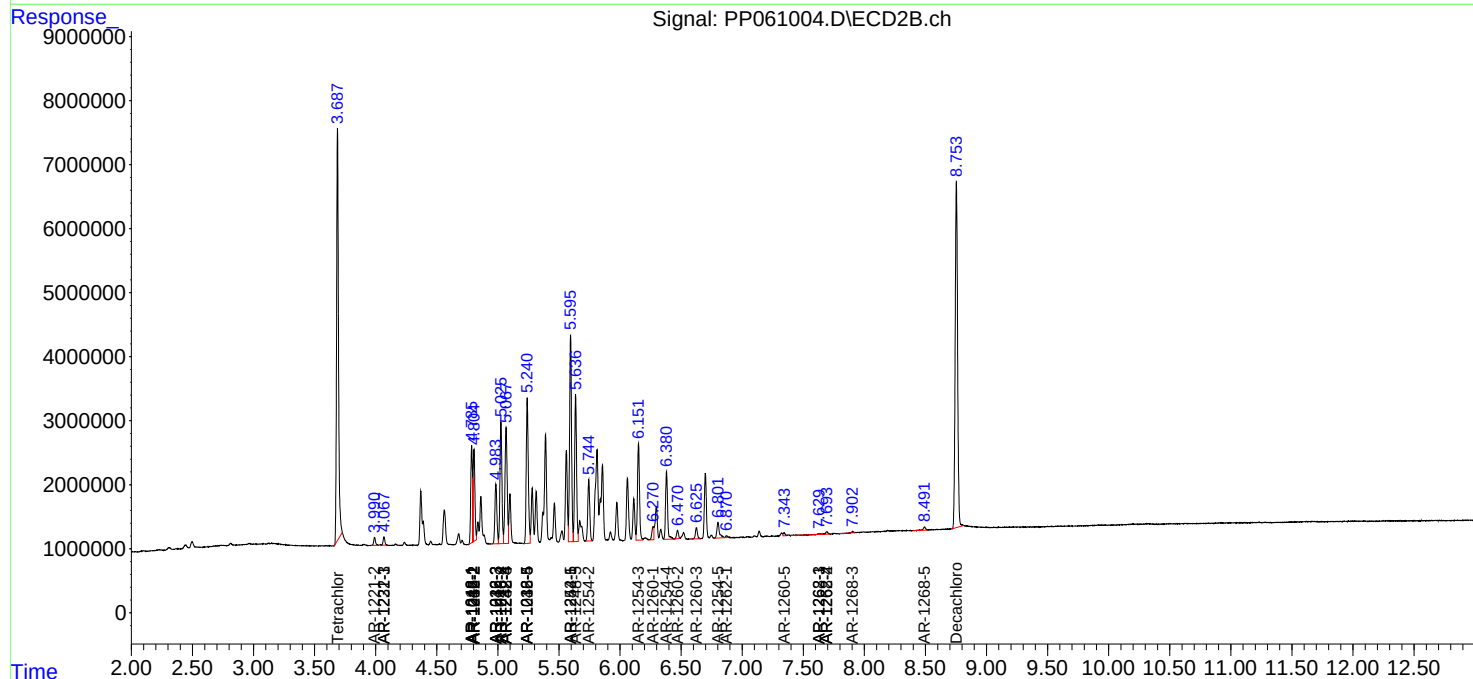
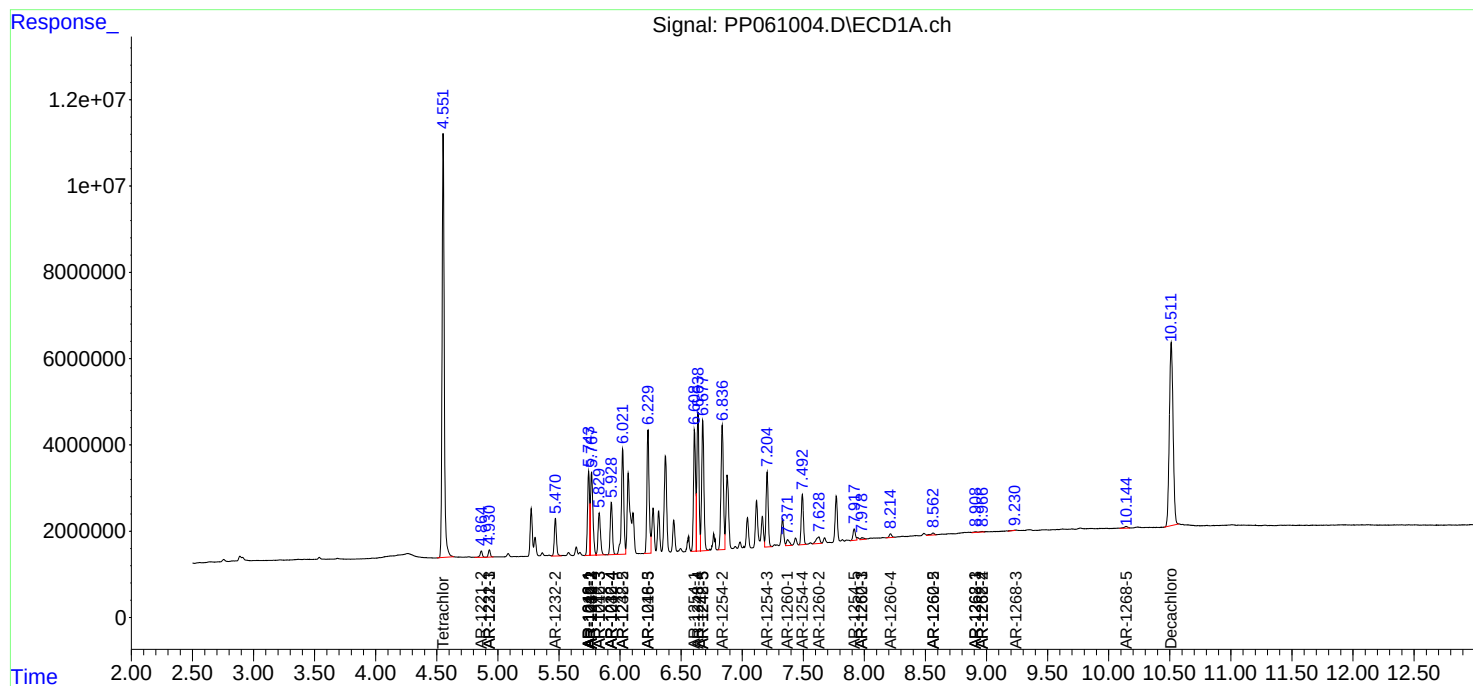
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

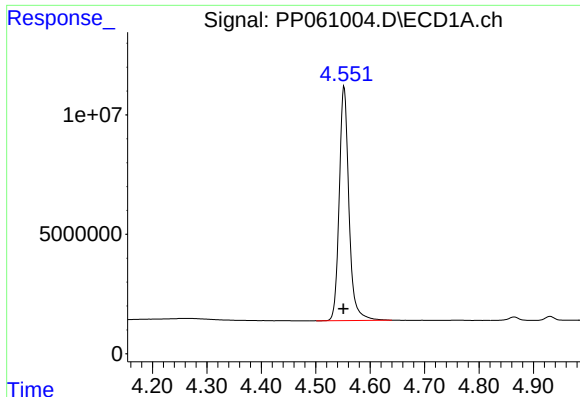
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101723\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

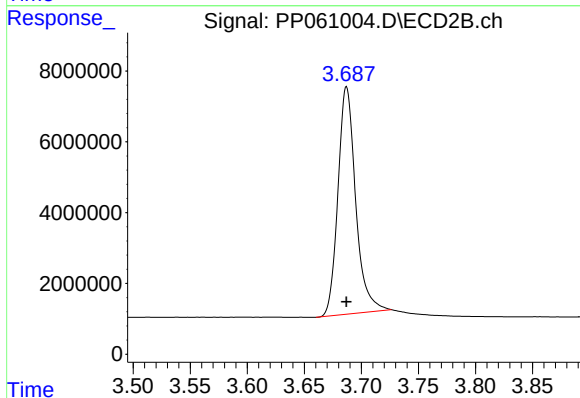




#1 Tetrachloro-m-xylene

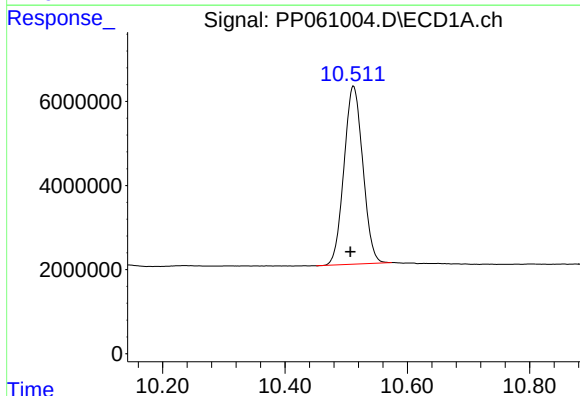
R.T.: 4.552 min
Delta R.T.: 0.001 min
Response: 121496466
Conc: 55.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



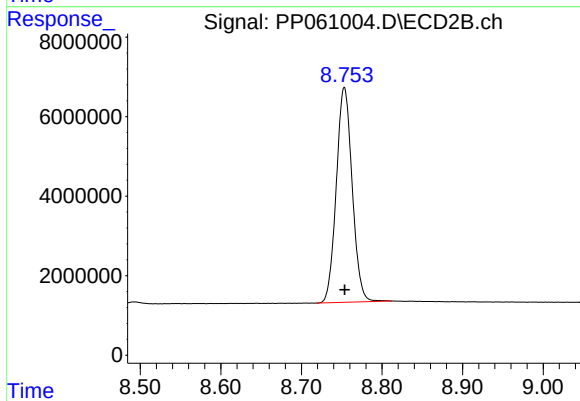
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 69381020
Conc: 51.32 ng/ml



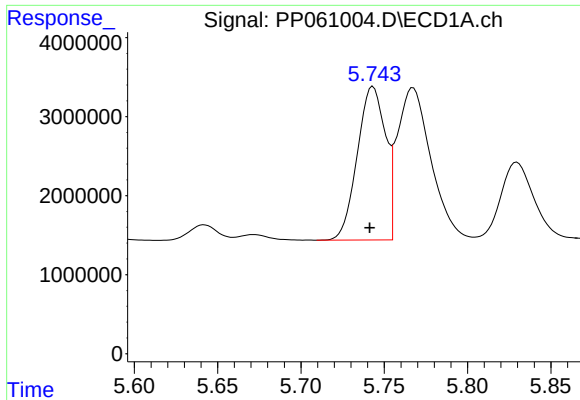
#2 Decachlorobiphenyl

R.T.: 10.512 min
Delta R.T.: 0.005 min
Response: 90405697
Conc: 57.73 ng/ml



#2 Decachlorobiphenyl

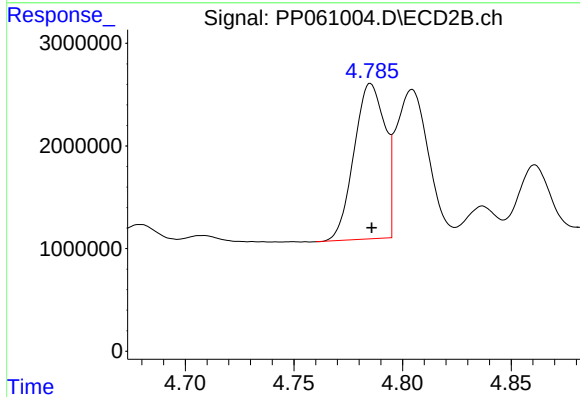
R.T.: 8.753 min
Delta R.T.: 0.000 min
Response: 74004898
Conc: 49.22 ng/ml



#3 AR-1016-1

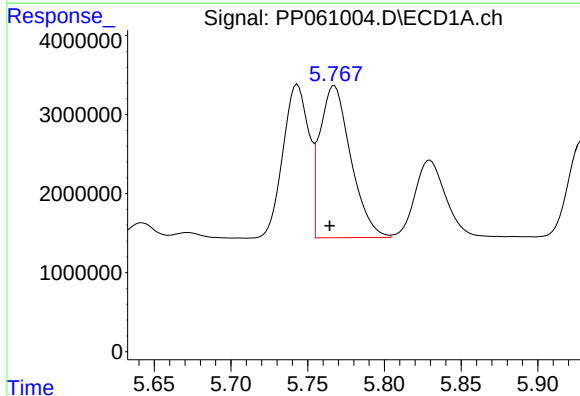
R.T.: 5.743 min
Delta R.T.: 0.002 min
Response: 22781255
Conc: 317.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



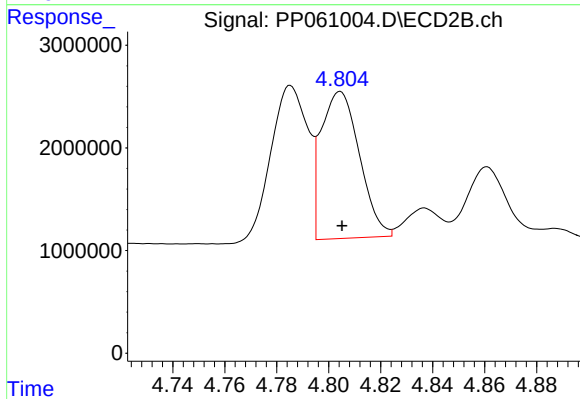
#3 AR-1016-1

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 14954279
Conc: 287.34 ng/ml



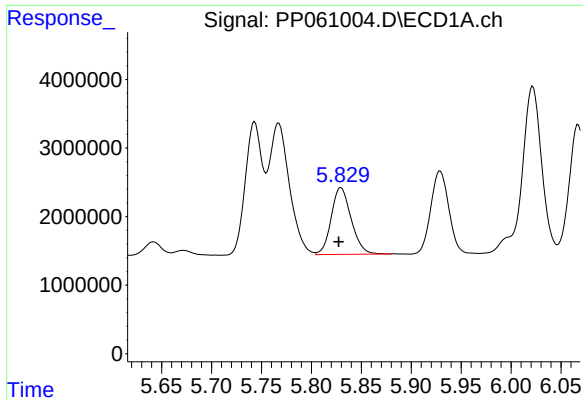
#4 AR-1016-2

R.T.: 5.767 min
Delta R.T.: 0.003 min
Response: 26982231
Conc: 263.06 ng/ml



#4 AR-1016-2

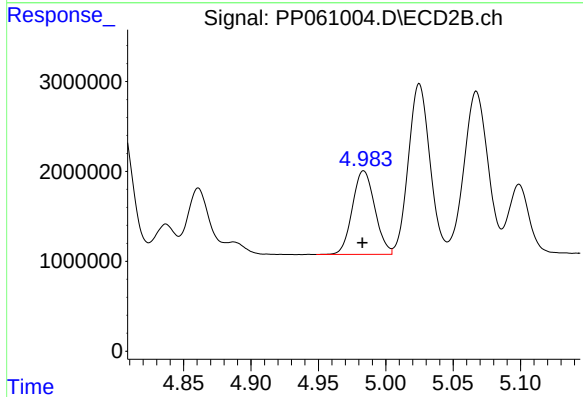
R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 14687719
Conc: 205.08 ng/ml



#5 AR-1016-3

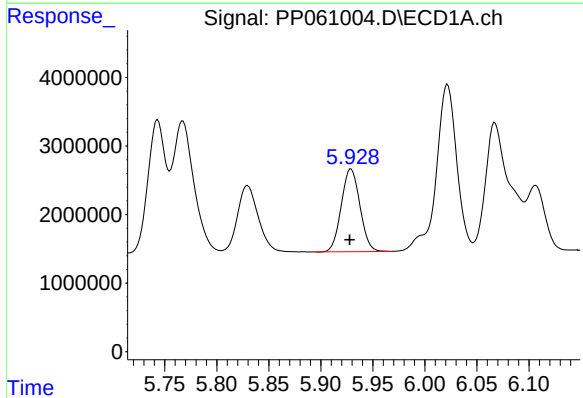
R.T.: 5.830 min
Delta R.T.: 0.002 min
Response: 13551527
Conc: 216.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



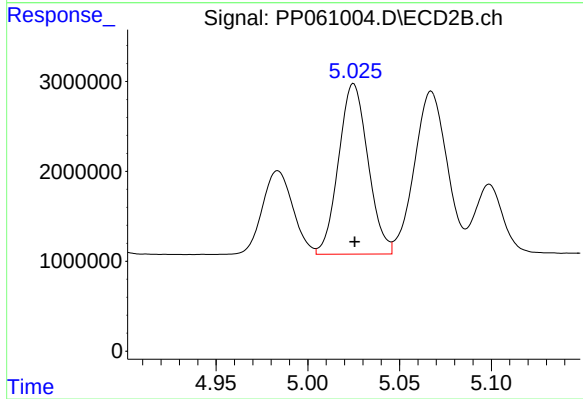
#5 AR-1016-3

R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 10781858
Conc: 266.83 ng/ml



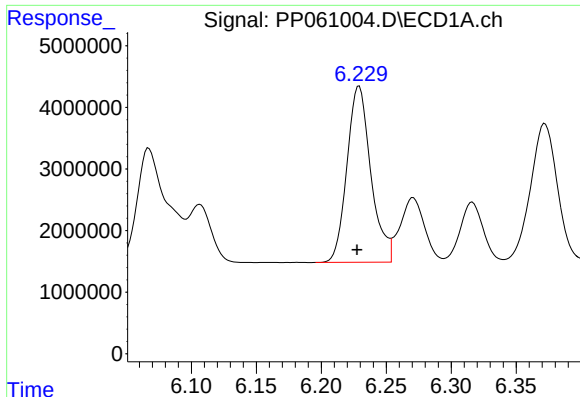
#6 AR-1016-4

R.T.: 5.929 min
Delta R.T.: 0.001 min
Response: 15075294
Conc: 295.11 ng/ml



#6 AR-1016-4

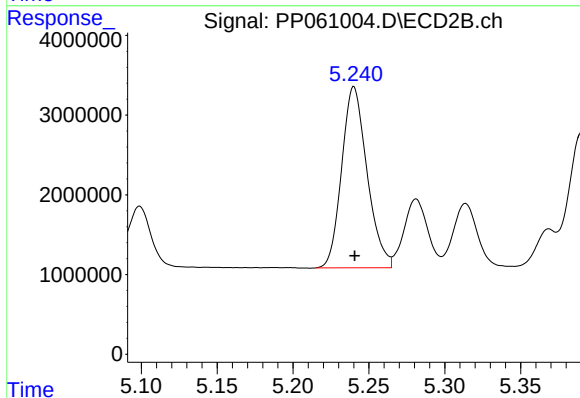
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 21169169
Conc: 654.46 ng/ml



#7 AR-1016-5

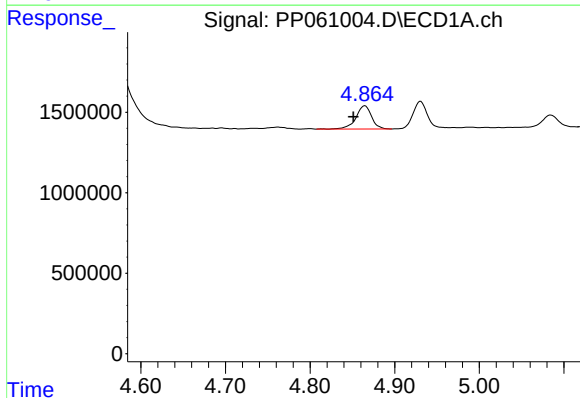
R.T.: 6.229 min
Delta R.T.: 0.002 min
Response: 36606781
Conc: 724.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



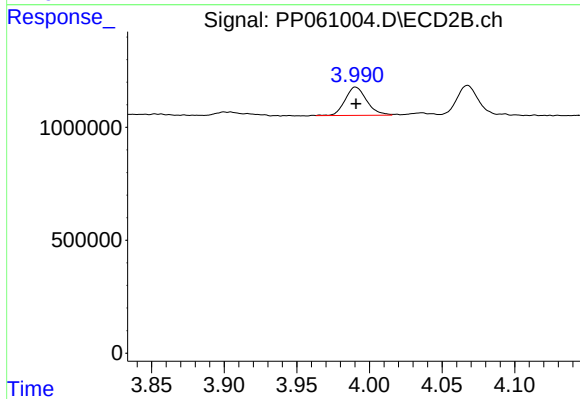
#7 AR-1016-5

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 26468364
Conc: 633.92 ng/ml



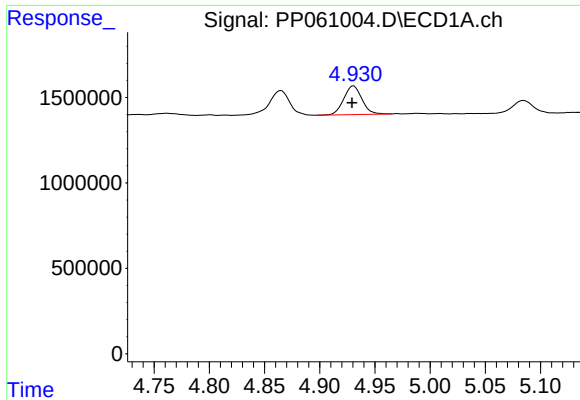
#9 AR-1221-2

R.T.: 4.865 min
Delta R.T.: 0.014 min
Response: 1862791
Conc: 89.69 ng/ml



#9 AR-1221-2

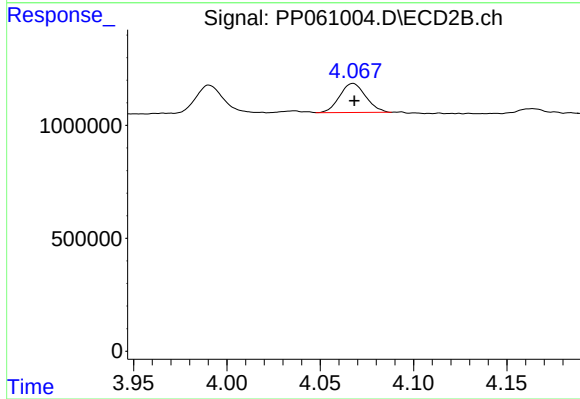
R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 1298037
Conc: 88.36 ng/ml



#10 AR-1221-3

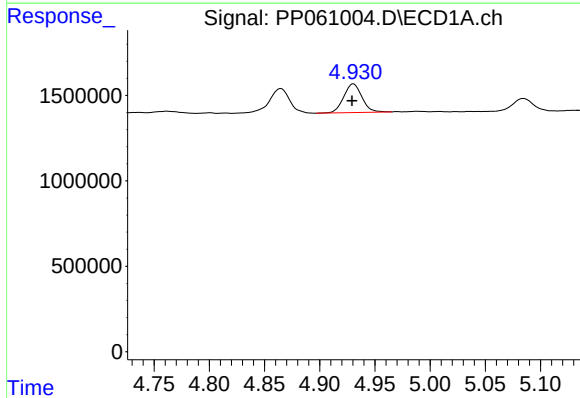
R.T.: 4.931 min
Delta R.T.: 0.001 min
Response: 1926392
Conc: 31.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



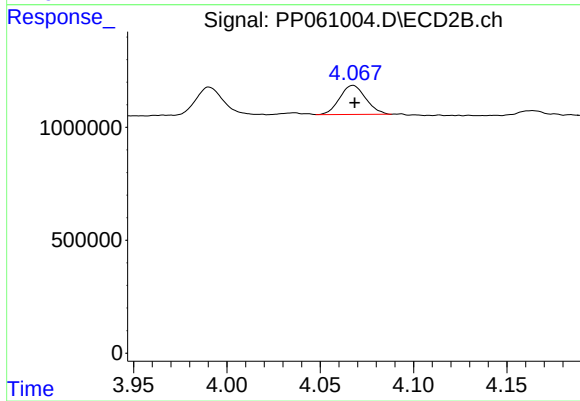
#10 AR-1221-3

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 1259465
Conc: 30.03 ng/ml



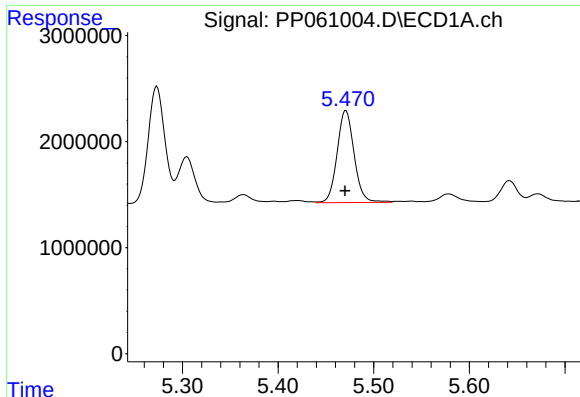
#11 AR-1232-1

R.T.: 4.931 min
Delta R.T.: 0.001 min
Response: 1926392
Conc: 38.08 ng/ml



#11 AR-1232-1

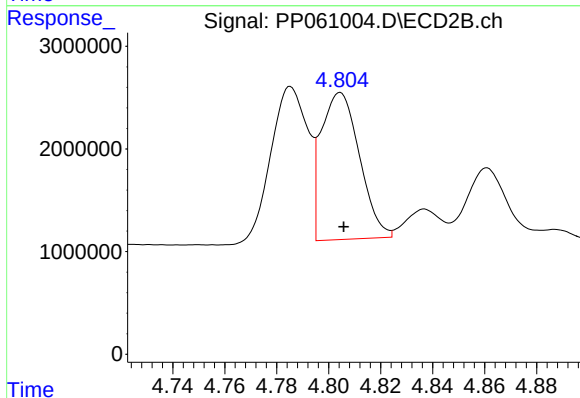
R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 1259465
Conc: 36.47 ng/ml



#12 AR-1232-2

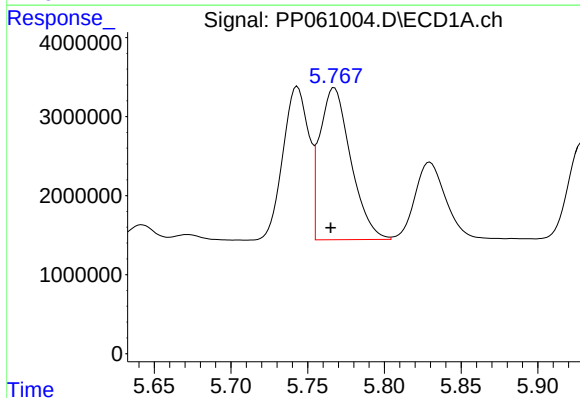
R.T.: 5.471 min
Delta R.T.: 0.001 min
Response: 10733632
Conc: 402.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



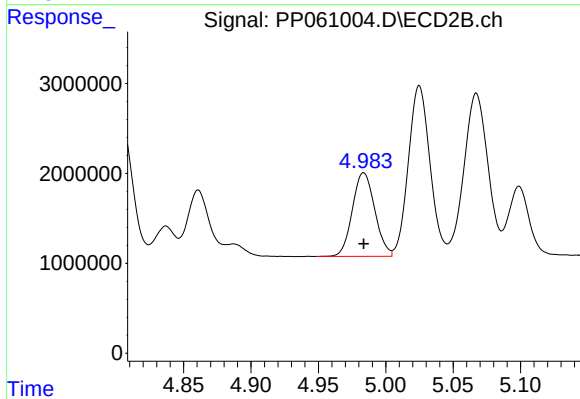
#12 AR-1232-2

R.T.: 4.804 min
Delta R.T.: -0.001 min
Response: 14687719
Conc: 444.14 ng/ml



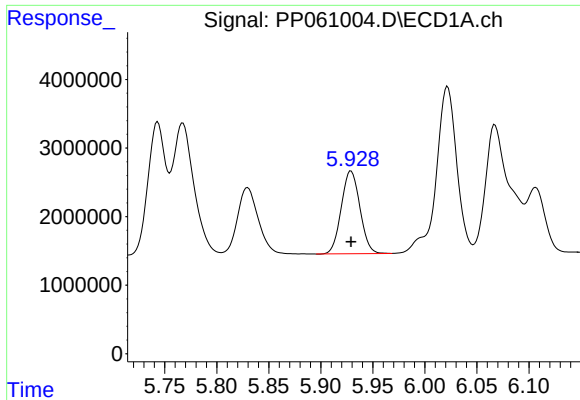
#13 AR-1232-3

R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 26982231
Conc: 574.97 ng/ml



#13 AR-1232-3

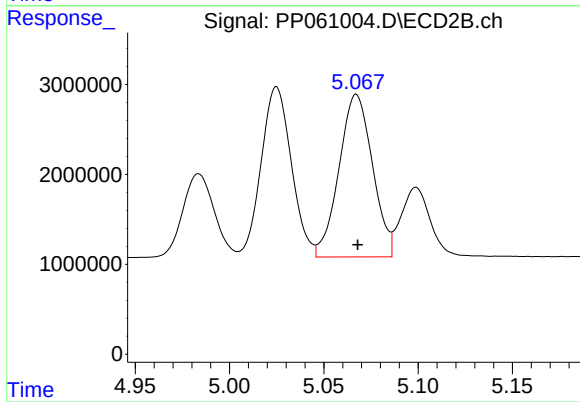
R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 10781858
Conc: 581.84 ng/ml



#14 AR-1232-4

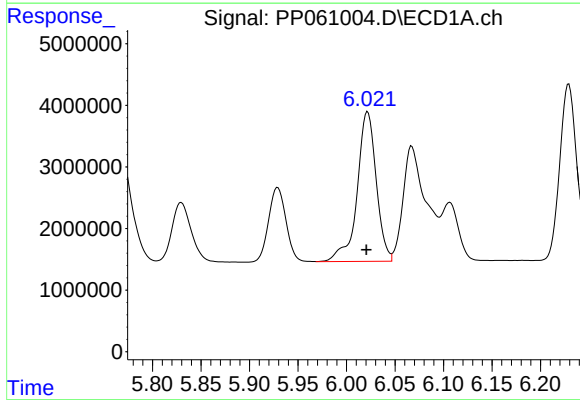
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 15075294
Conc: 644.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



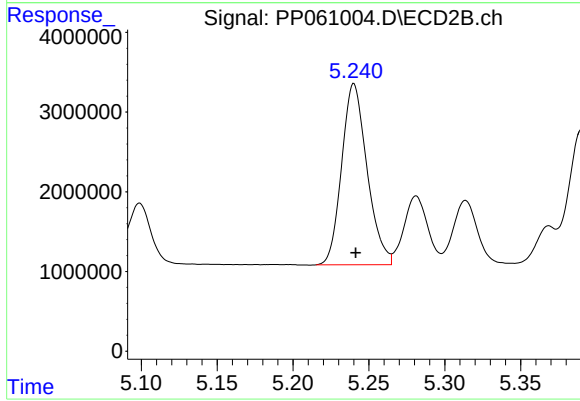
#14 AR-1232-4

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 22348630
Conc: 1330.38 ng/ml



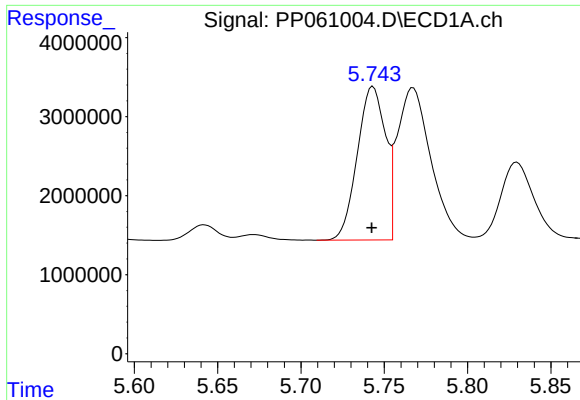
#15 AR-1232-5

R.T.: 6.022 min
Delta R.T.: 0.001 min
Response: 33291511
Conc: 1708.26 ng/ml



#15 AR-1232-5

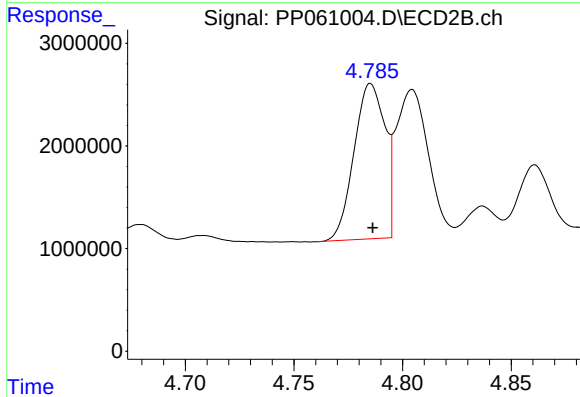
R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 26468364
Conc: 1409.04 ng/ml



#16 AR-1242-1

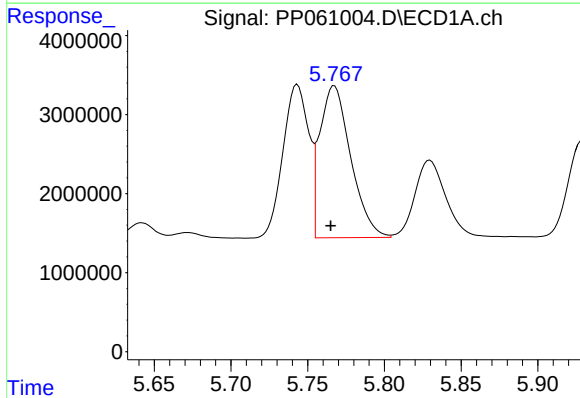
R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 22781255
Conc: 405.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



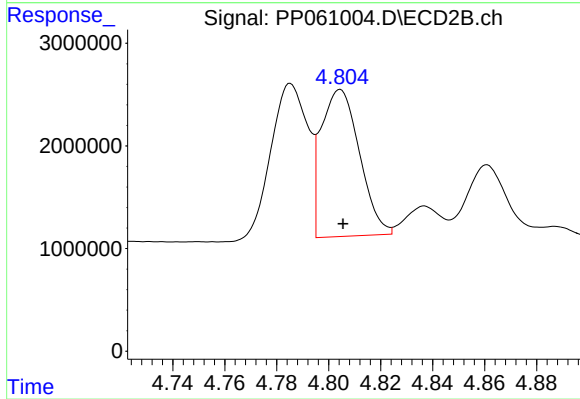
#16 AR-1242-1

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 14954279
Conc: 370.45 ng/ml



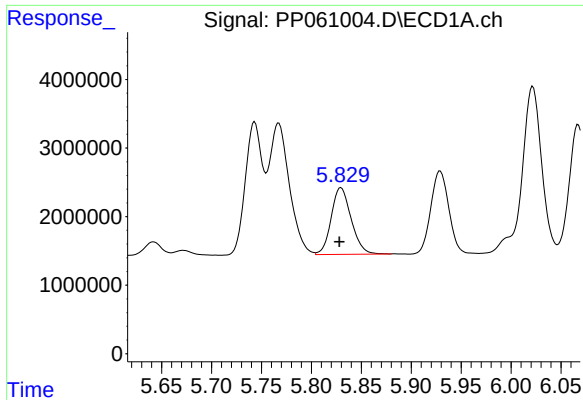
#17 AR-1242-2

R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 26982231
Conc: 339.19 ng/ml



#17 AR-1242-2

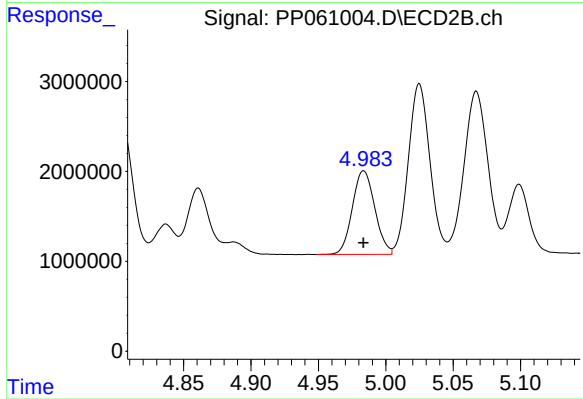
R.T.: 4.804 min
Delta R.T.: -0.001 min
Response: 14687719
Conc: 268.26 ng/ml



#18 AR-1242-3

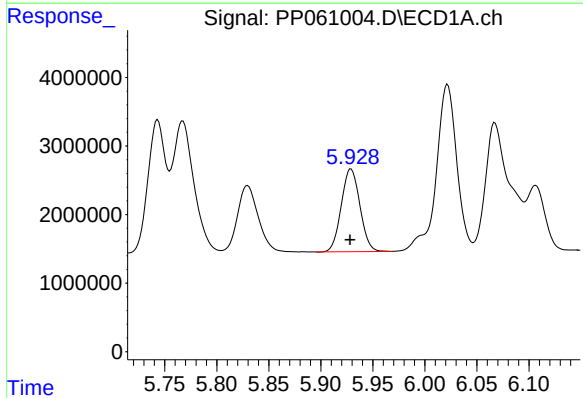
R.T.: 5.830 min
Delta R.T.: 0.001 min
Response: 13551527
Conc: 272.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



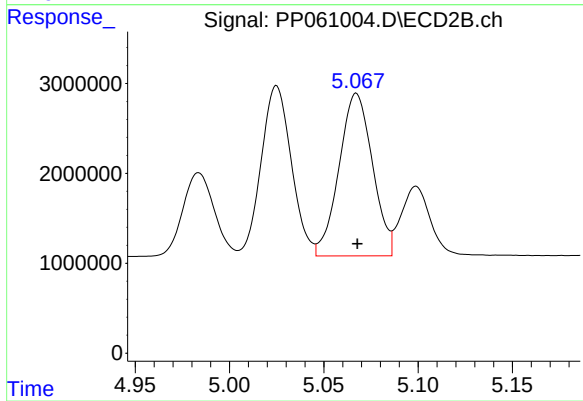
#18 AR-1242-3

R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 10781858
Conc: 347.07 ng/ml



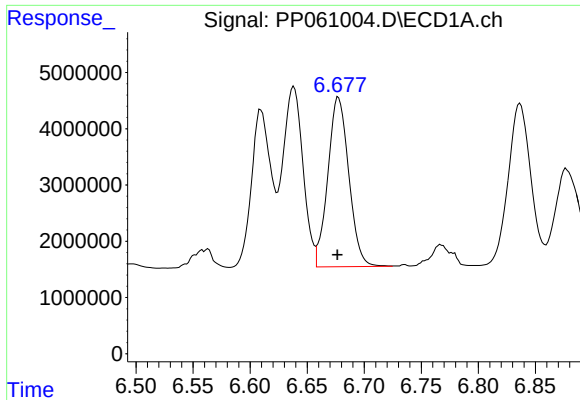
#19 AR-1242-4

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 15075294
Conc: 377.39 ng/ml



#19 AR-1242-4

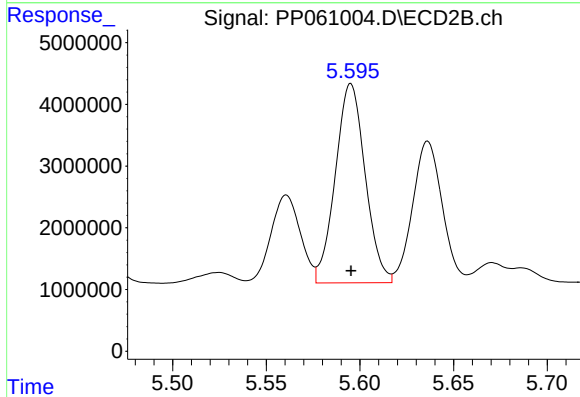
R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 22348630
Conc: 711.33 ng/ml



#20 AR-1242-5

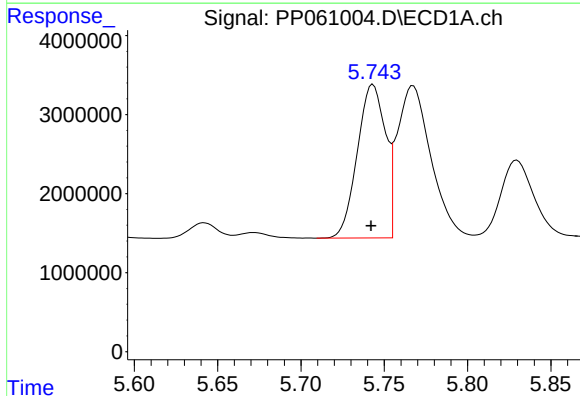
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 38575312
Conc: 950.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



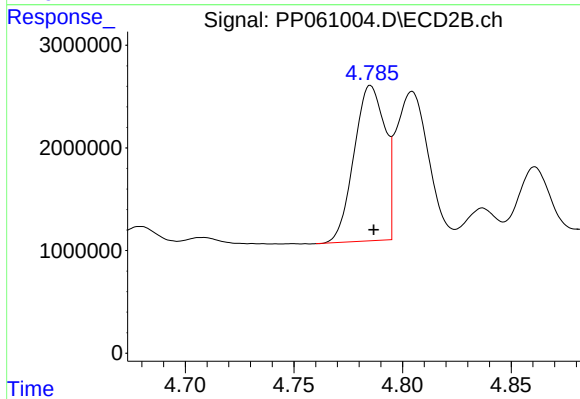
#20 AR-1242-5

R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 35756699
Conc: 914.49 ng/ml



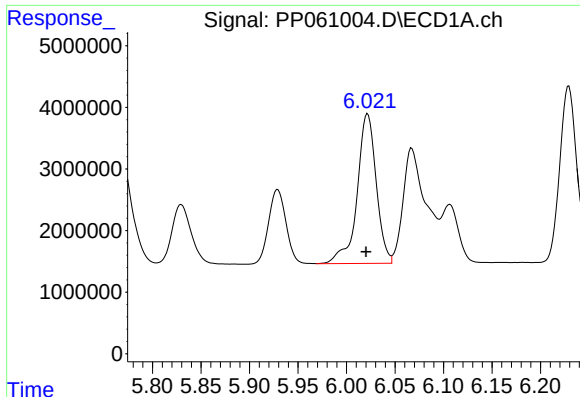
#21 AR-1248-1

R.T.: 5.743 min
Delta R.T.: 0.001 min
Response: 22781255
Conc: 524.67 ng/ml



#21 AR-1248-1

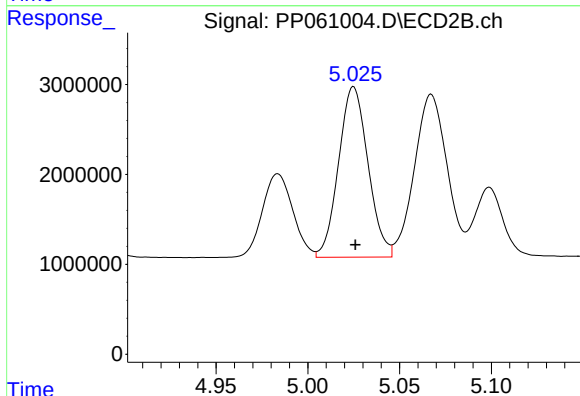
R.T.: 4.785 min
Delta R.T.: -0.001 min
Response: 14954279
Conc: 484.36 ng/ml



#22 AR-1248-2

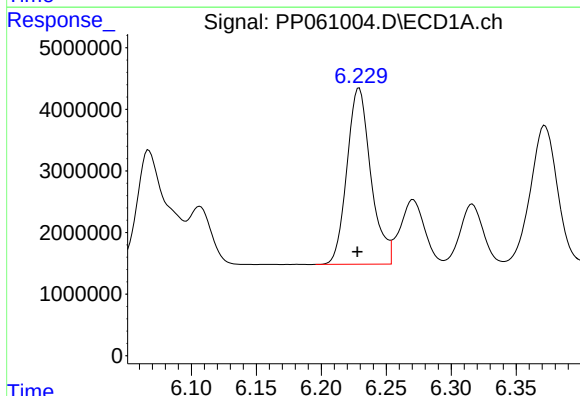
R.T.: 6.022 min
Delta R.T.: 0.002 min
Response: 33291511
Conc: 514.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



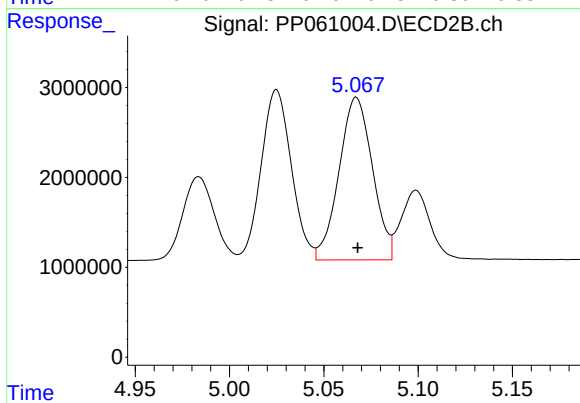
#22 AR-1248-2

R.T.: 5.025 min
Delta R.T.: -0.001 min
Response: 21169169
Conc: 483.23 ng/ml



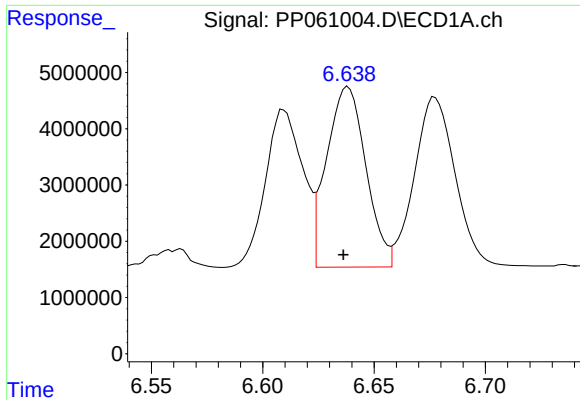
#23 AR-1248-3

R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 36606781
Conc: 521.35 ng/ml



#23 AR-1248-3

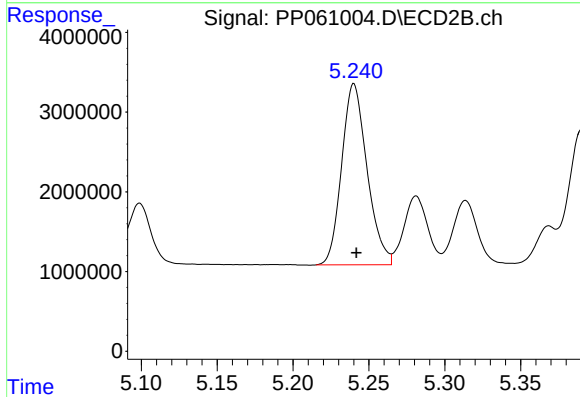
R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 22348630
Conc: 482.12 ng/ml



#24 AR-1248-4

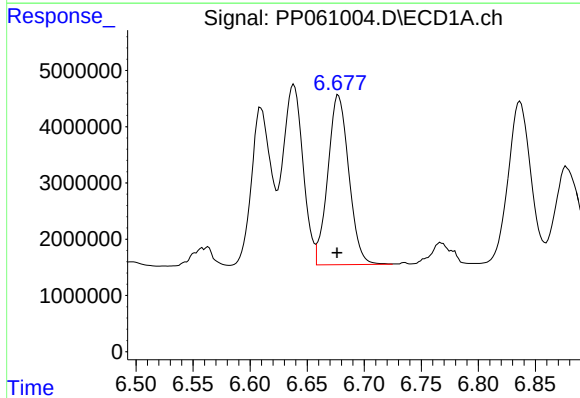
R.T.: 6.638 min
Delta R.T.: 0.002 min
Response: 39325126
Conc: 514.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



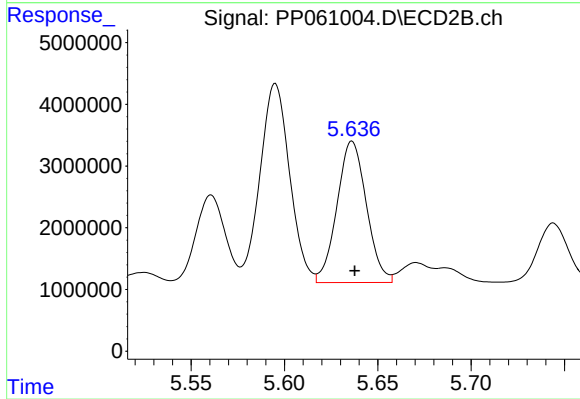
#24 AR-1248-4

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 26468364
Conc: 478.81 ng/ml



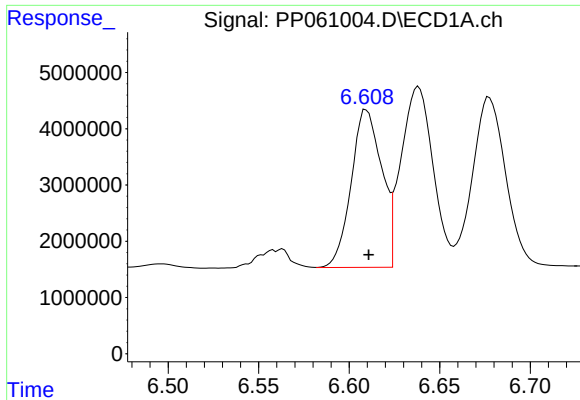
#25 AR-1248-5

R.T.: 6.677 min
Delta R.T.: 0.001 min
Response: 38575312
Conc: 522.75 ng/ml



#25 AR-1248-5

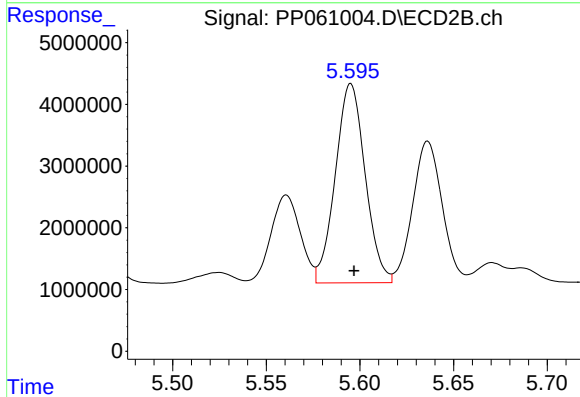
R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 25174230
Conc: 482.90 ng/ml



#26 AR-1254-1

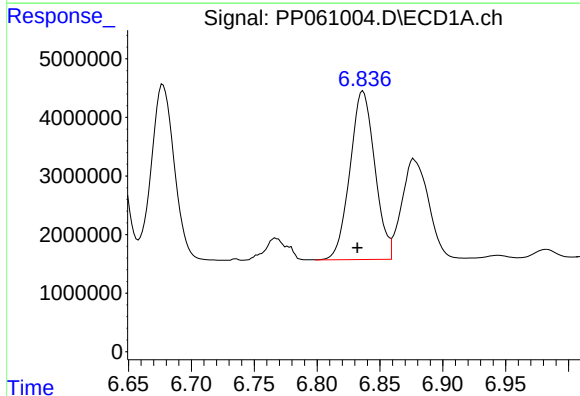
R.T.: 6.610 min
Delta R.T.: -0.001 min
Response: 32879885
Conc: 415.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



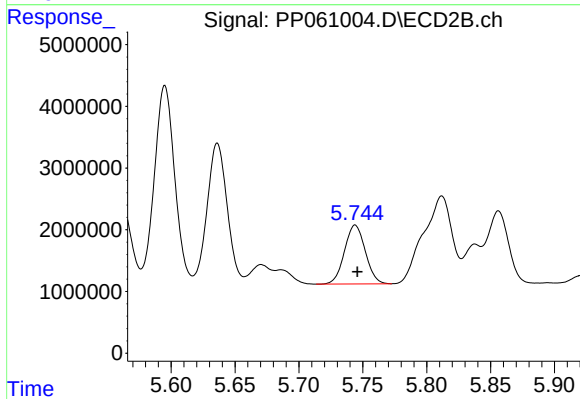
#26 AR-1254-1

R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 35756699
Conc: 462.80 ng/ml



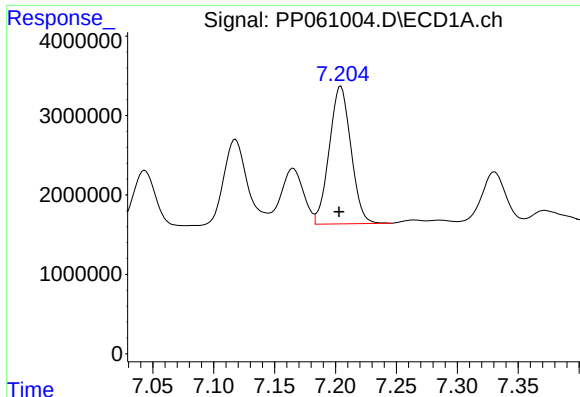
#27 AR-1254-2

R.T.: 6.836 min
Delta R.T.: 0.004 min
Response: 39556061
Conc: 332.05 ng/ml



#27 AR-1254-2

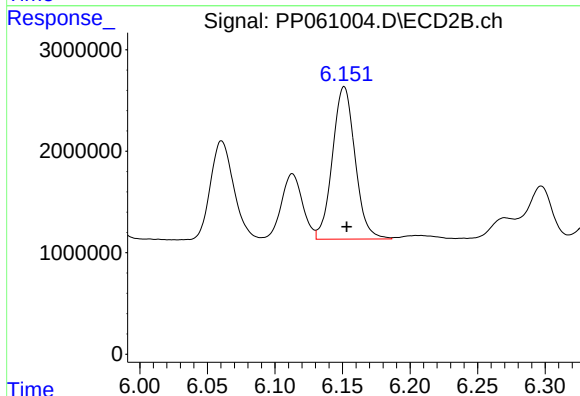
R.T.: 5.744 min
Delta R.T.: -0.002 min
Response: 10860677
Conc: 156.75 ng/ml



#28 AR-1254-3

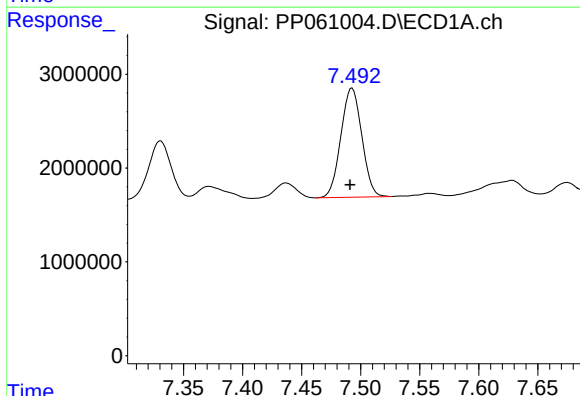
R.T.: 7.204 min
Delta R.T.: 0.002 min
Response: 21465885
Conc: 175.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



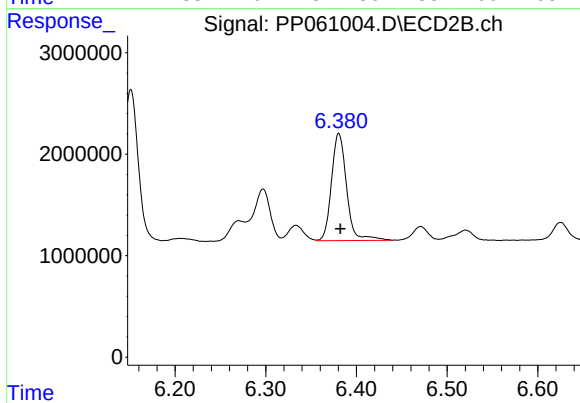
#28 AR-1254-3

R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 17495058
Conc: 154.62 ng/ml



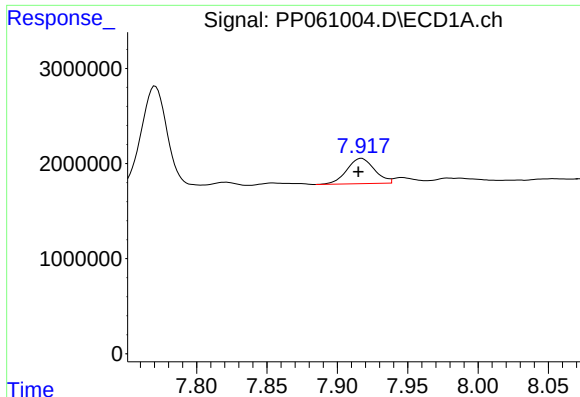
#29 AR-1254-4

R.T.: 7.493 min
Delta R.T.: 0.002 min
Response: 14381733
Conc: 163.39 ng/ml



#29 AR-1254-4

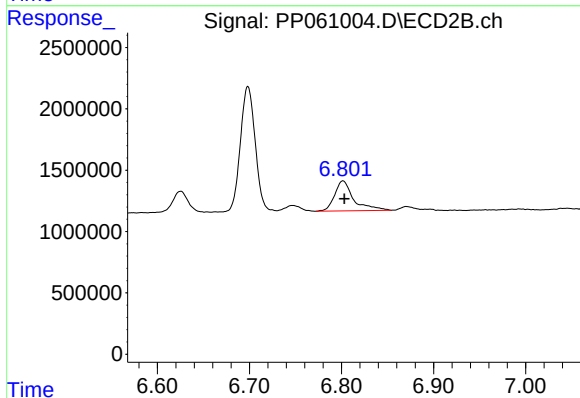
R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 12206110
Conc: 177.65 ng/ml



#30 AR-1254-5

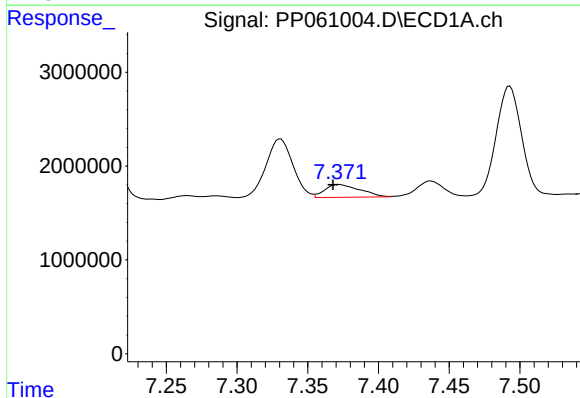
R.T.: 7.917 min
Delta R.T.: 0.002 min
Response: 3636190
Conc: 36.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



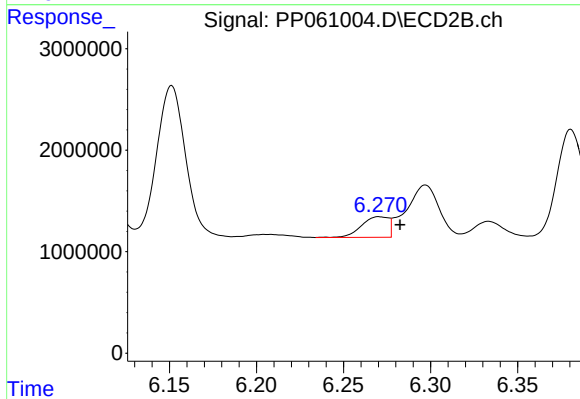
#30 AR-1254-5

R.T.: 6.802 min
Delta R.T.: -0.002 min
Response: 3512268
Conc: 32.83 ng/ml



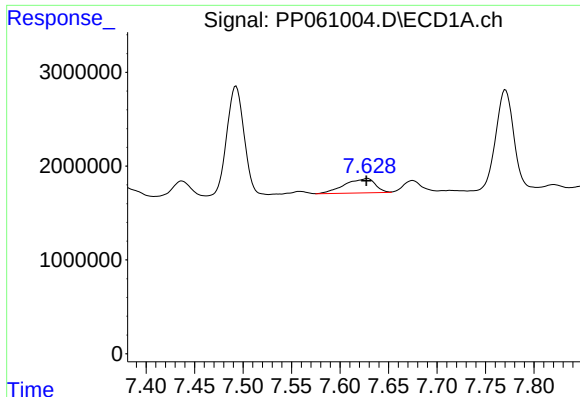
#31 AR-1260-1

R.T.: 7.372 min
Delta R.T.: 0.004 min
Response: 2358543
Conc: 25.20 ng/ml



#31 AR-1260-1

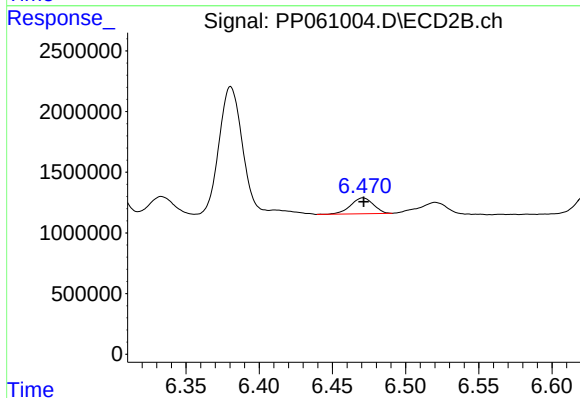
R.T.: 6.270 min
Delta R.T.: -0.012 min
Response: 2185329
Conc: 26.41 ng/ml



#32 AR-1260-2

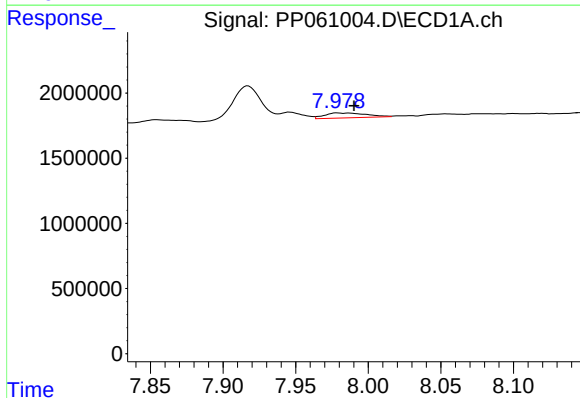
R.T.: 7.628 min
Delta R.T.: 0.001 min
Response: 3364591
Conc: 30.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



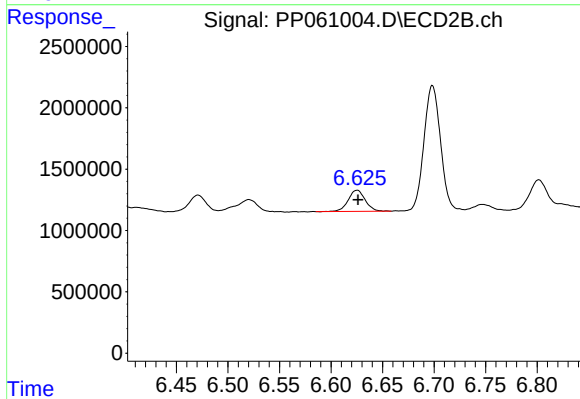
#32 AR-1260-2

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 1404688
Conc: 14.26 ng/ml



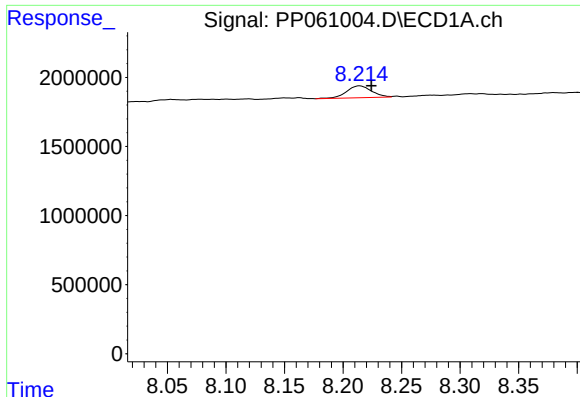
#33 AR-1260-3

R.T.: 7.979 min
Delta R.T.: -0.012 min
Response: 765513
Conc: 11.01 ng/ml



#33 AR-1260-3

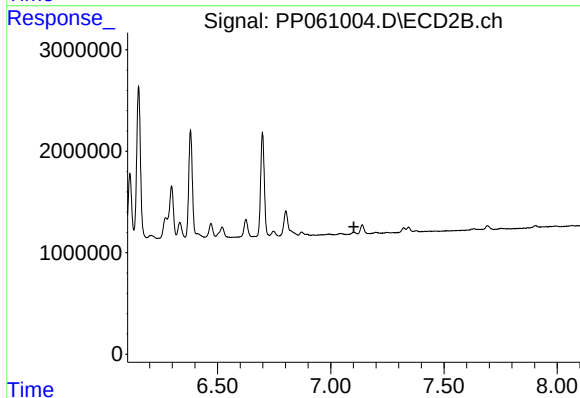
R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 1975332
Conc: 20.89 ng/ml



#34 AR-1260-4

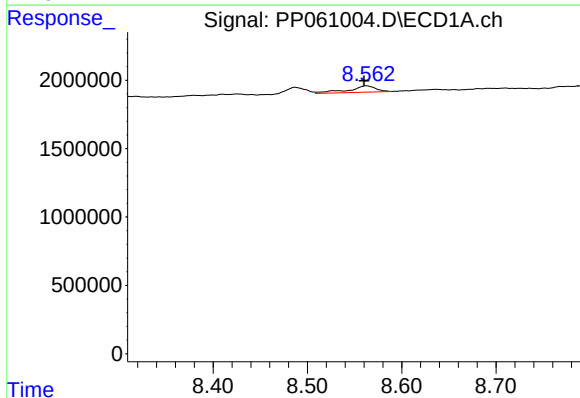
R.T.: 8.214 min
Delta R.T.: -0.010 min
Response: 1279638
Conc: 15.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



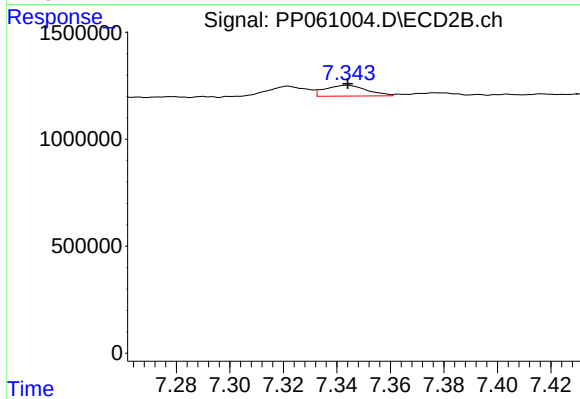
#34 AR-1260-4

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



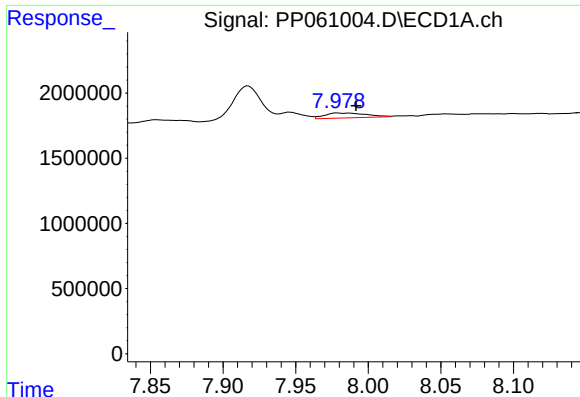
#35 AR-1260-5

R.T.: 8.563 min
Delta R.T.: 0.003 min
Response: 930459
Conc: 5.77 ng/ml



#35 AR-1260-5

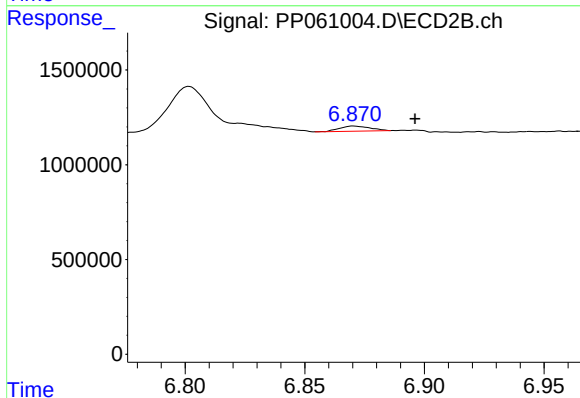
R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 545154
Conc: 3.25 ng/ml



#36 AR-1262-1

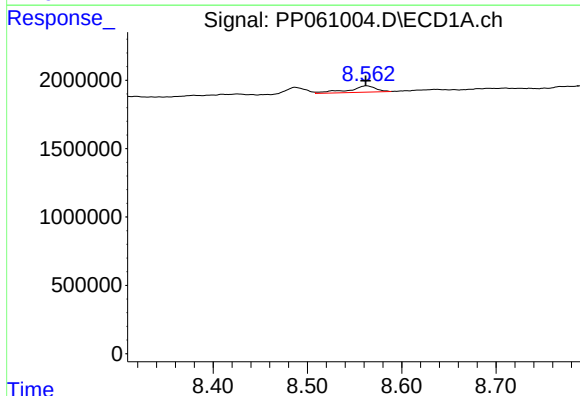
R.T.: 7.979 min
Delta R.T.: -0.013 min
Response: 765513
Conc: 6.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



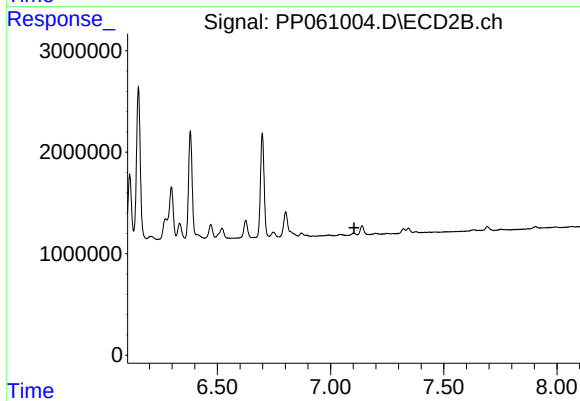
#36 AR-1262-1

R.T.: 6.871 min
Delta R.T.: -0.026 min
Response: 236408
Conc: 4.96 ng/ml



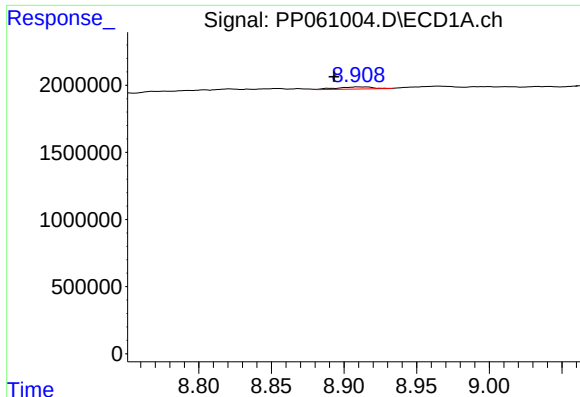
#37 AR-1262-2

R.T.: 8.563 min
Delta R.T.: 0.001 min
Response: 930459
Conc: 4.21 ng/ml



#37 AR-1262-2

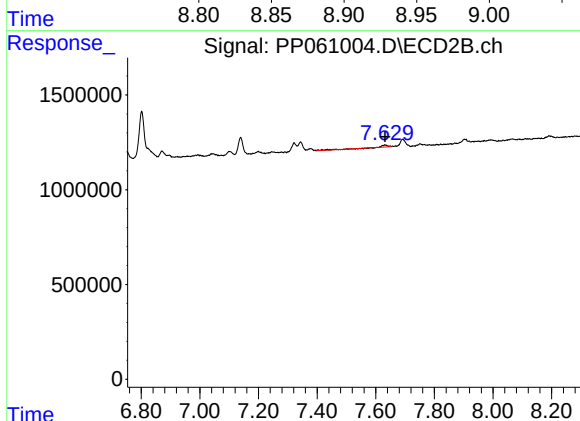
R.T.: 0.000 min
Exp R.T. : 7.103 min
Response: 0
Conc: N.D.



#38 AR-1262-3

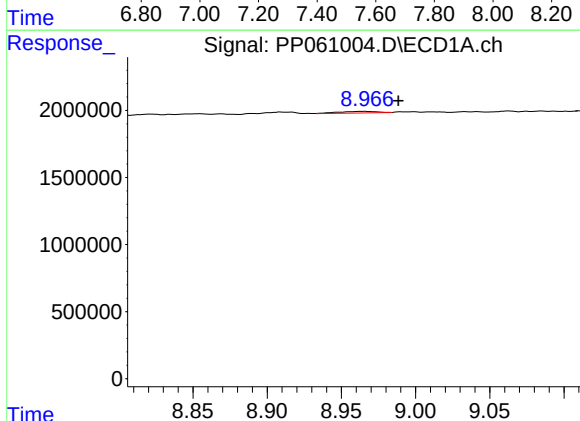
R.T.: 8.916 min
Delta R.T.: 0.023 min
Response: 279665
Conc: 1.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



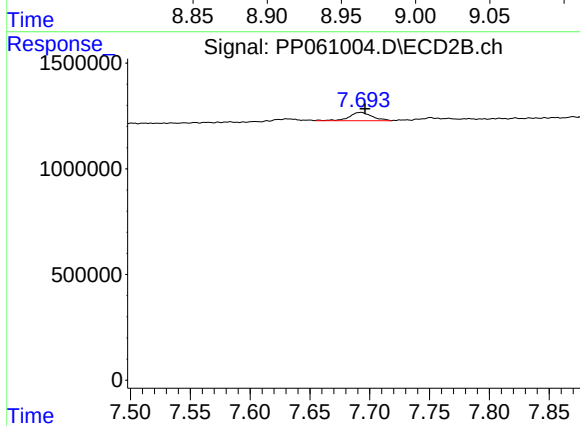
#38 AR-1262-3

R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 147144
Conc: 1.76 ng/ml



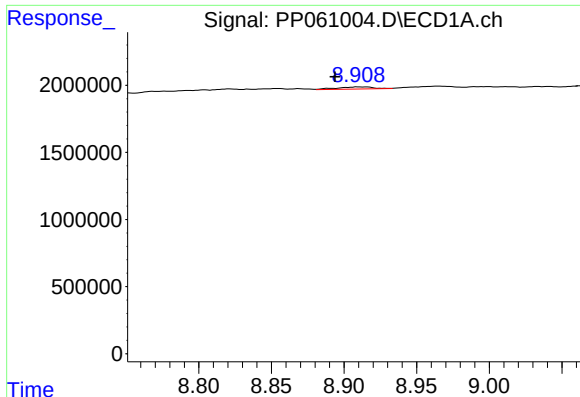
#39 AR-1262-4

R.T.: 8.966 min
Delta R.T.: -0.023 min
Response: 211686
Conc: 1.87 ng/ml



#39 AR-1262-4

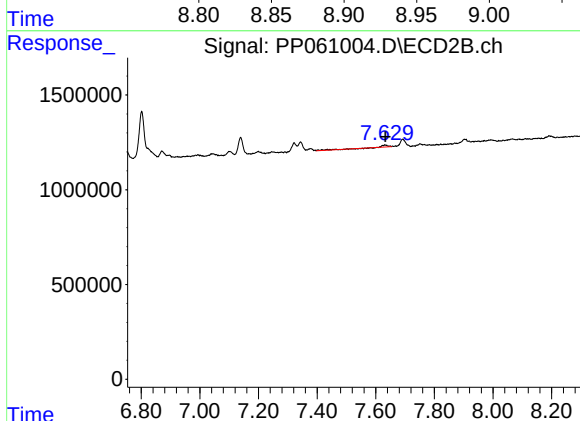
R.T.: 7.692 min
Delta R.T.: -0.004 min
Response: 514872
Conc: 3.40 ng/ml



#41 AR-1268-1

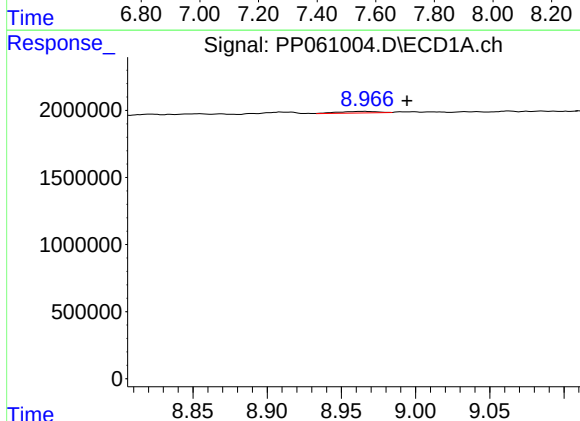
R.T.: 8.916 min
Delta R.T.: 0.022 min
Response: 279665
Conc: 1.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



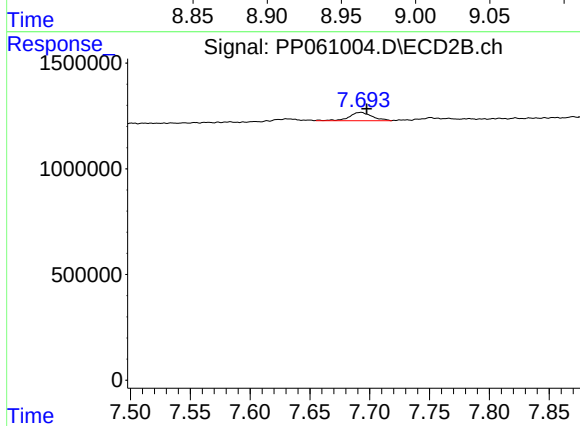
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 147144
Conc: 0.61 ng/ml



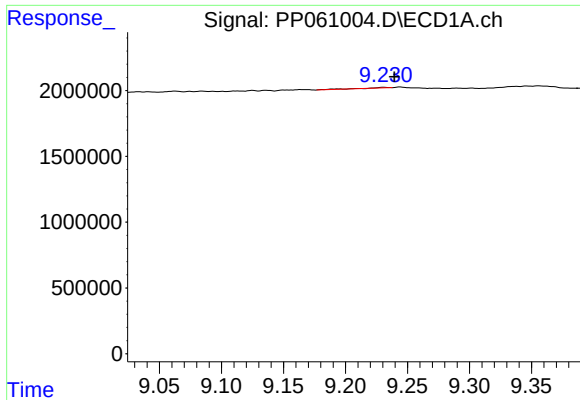
#42 AR-1268-2

R.T.: 8.966 min
Delta R.T.: -0.029 min
Response: 211686
Conc: 0.90 ng/ml



#42 AR-1268-2

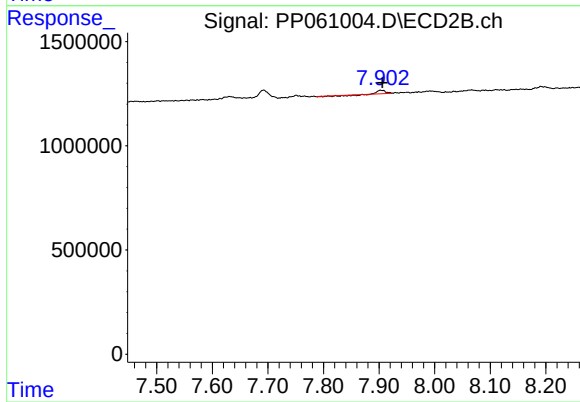
R.T.: 7.692 min
Delta R.T.: -0.005 min
Response: 514872
Conc: 2.40 ng/ml



#43 AR-1268-3

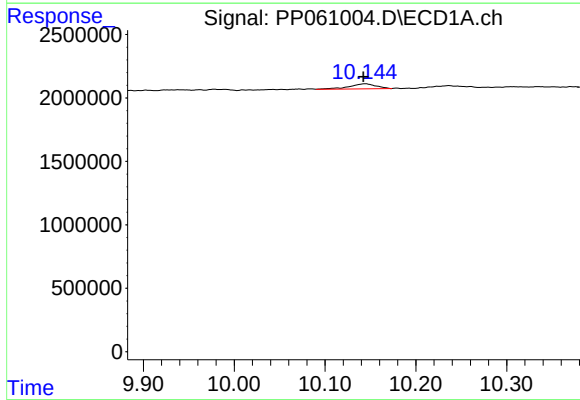
R.T.: 9.231 min
Delta R.T.: -0.008 min
Response: 56375
Conc: 0.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



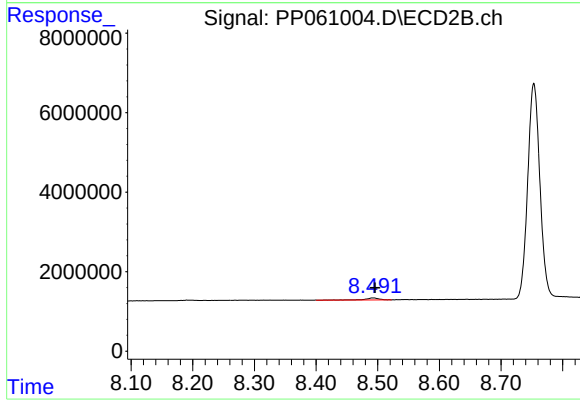
#43 AR-1268-3

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 84579
Conc: 0.45 ng/ml



#45 AR-1268-5

R.T.: 10.145 min
Delta R.T.: 0.002 min
Response: 844584
Conc: 1.32 ng/ml



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 691884
Conc: 1.25 ng/ml