

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100523\
 Data File : PP060618.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2023 14:12
 Operator : YP\AJ
 Sample : 04729-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 14:30:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.532	3.685	30155122	21478440	13.465	14.430
2)	SA Decachlor...	10.459	8.746	17976079	14158691	10.182	8.680
Target Compounds							
3)	L1 AR-1016-1	0.000	4.785	0	24896	N.D.	0.428 #
4)	L1 AR-1016-2	5.749	4.813	1681675	810728	16.057	10.070 #
5)	L1 AR-1016-3	5.809	4.978	167573	373592	2.564	8.359 #
6)	L1 AR-1016-4	5.882f	5.025	2793977	134344	51.379	3.733 #
7)	L1 AR-1016-5	0.000	5.244	0	340203	N.D.	7.002 #
8)	L2 AR-1221-1	4.743	3.893	368436	16757	12.754	0.802 #
9)	L2 AR-1221-2	4.844	3.988	455059	532211	21.299	35.693 #
10)	L2 AR-1221-3	0.000	4.059	0	7984	N.D.	0.182 #
11)	L3 AR-1232-1	0.000	4.059	0	7984	N.D.	0.219 #
12)	L3 AR-1232-2	0.000	4.813	0	810728	N.D.	22.231 #
13)	L3 AR-1232-3	5.749	4.978	1681675	373592	36.230	18.665 #
14)	L3 AR-1232-4	0.000	5.069	0	27394	N.D.	1.468 #
15)	L3 AR-1232-5	6.005	5.244	425802	340203	20.549	16.356
16)	L4 AR-1242-1	5.749f	4.785	1681675	24896	26.314	0.492 #
17)	L4 AR-1242-2	5.749	4.813	1681675	810728	18.573	11.674 #
18)	L4 AR-1242-3	5.809	4.978	167573	373592	2.976	9.701 #
19)	L4 AR-1242-4	5.882f	5.069	2793977	27394	59.821	0.696 #
20)	L4 AR-1242-5	6.627f	5.595	9103728	6679622	181.003	136.550
21)	L5 AR-1248-1	0.000	4.785	0	24896	N.D.	0.682 #
22)	L5 AR-1248-2	6.005	5.025	425802	134344	6.141	2.570 #
23)	L5 AR-1248-3	0.000	5.069	0	27394	N.D.	0.493 #
24)	L5 AR-1248-4	6.627f	5.244	9103728	340203	110.074	5.168 #
25)	L5 AR-1248-5	6.627f	5.633	9103728	576391	113.114	8.961 #
26)	L6 AR-1254-1	6.582	5.595	9810615	6679622	114.959	67.526 #
27)	L6 AR-1254-2	6.810	5.740	8008168	2041040	62.747	23.749 #
28)	L6 AR-1254-3	7.179	6.146	14886000	11422833	111.995	79.698 #
29)	L6 AR-1254-4	7.464	6.375	7986713	4707268	81.216	54.005 #
30)	L6 AR-1254-5	7.908f	6.796	57268096	50670819	528.581	399.864
31)	L7 AR-1260-1	7.343	6.278	9099421	8255839	86.806	82.250
32)	L7 AR-1260-2	7.600	6.466	20511835	6916866	169.651	57.977 #
33)	L7 AR-1260-3	7.962	6.620	3948466	6397361	42.598	55.875 #
34)	L7 AR-1260-4	8.183	7.096	12949689	3369144	122.108	35.397 #
35)	L7 AR-1260-5	8.531	7.337	5965878	5504710	30.828	25.401
36)	L8 AR-1262-1	7.962	6.886	3948466	2326715	31.655	43.451 #
37)	L8 AR-1262-2	8.531	7.096	5965878	3369144	28.479	28.564
38)	L8 AR-1262-3	8.874	7.624	4783722	762282	31.610	8.267 #
39)	L8 AR-1262-4	8.947	7.686	2721227	5106285	22.738	30.311 #
40)	L8 AR-1262-5	9.648	8.188	1200098	649062	14.989	8.378 #
41)	L9 AR-1268-1	8.874f	7.624	4783722	762282	18.031	2.804 #

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 Acq On : 05 Oct 2023 14:12
 Operator : YP\AJ
 Sample : 04729-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

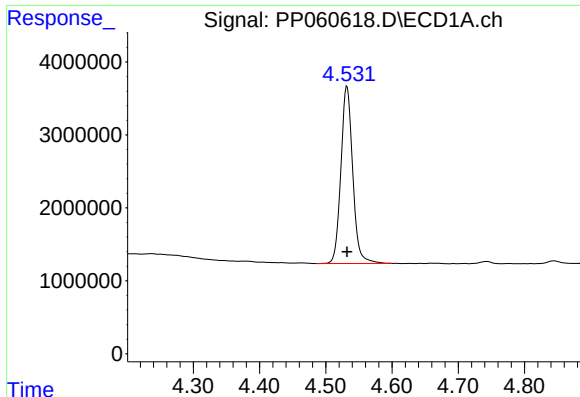
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 14:30:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
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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	8.947	7.686	2721227	5106285	11.165	20.938 #
43) L9	AR-1268-3	0.000	7.899	0	709302	N.D.	3.316 #
44) L9	AR-1268-4	9.648	8.188	1200098	649062	12.990	7.398 #
45) L9	AR-1268-5	10.091	8.484	1285229	701452	2.030	1.122 #

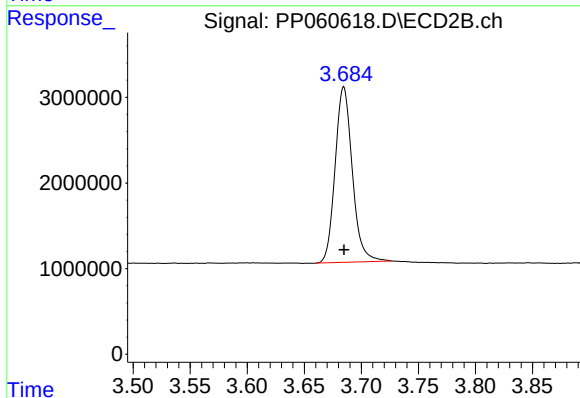
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

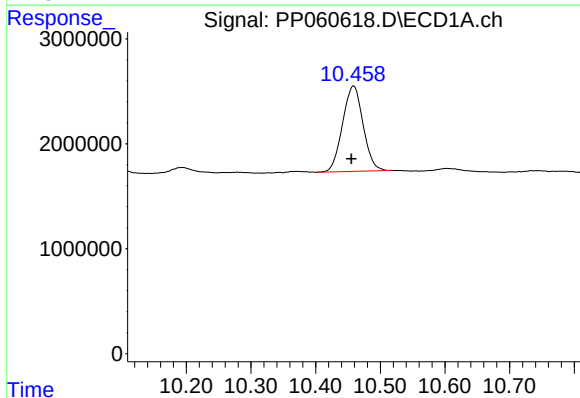
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 30155122
Conc: 13.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



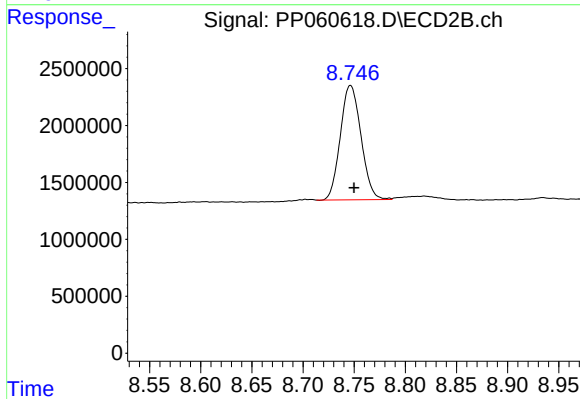
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 21478440
Conc: 14.43 ng/ml



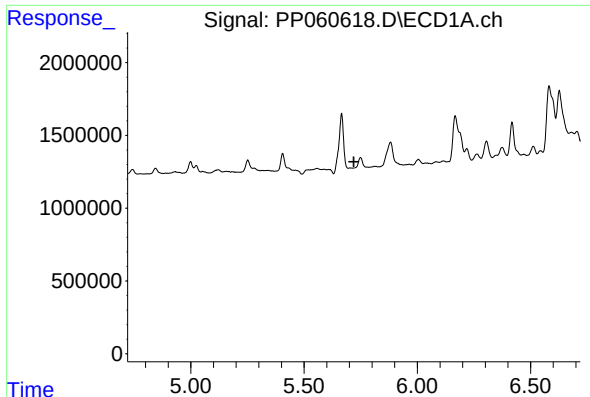
#2 Decachlorobiphenyl

R.T.: 10.459 min
Delta R.T.: 0.003 min
Response: 17976079
Conc: 10.18 ng/ml



#2 Decachlorobiphenyl

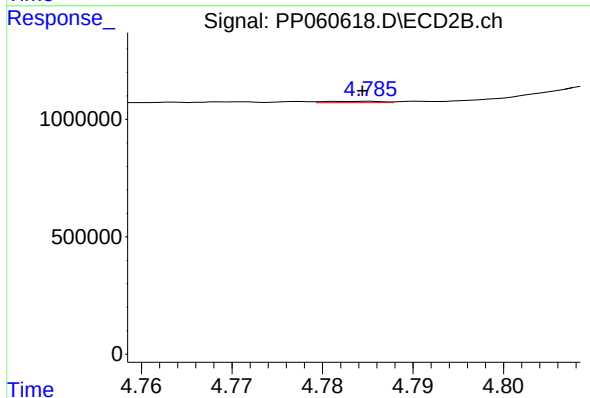
R.T.: 8.746 min
Delta R.T.: -0.004 min
Response: 14158691
Conc: 8.68 ng/ml



#3 AR-1016-1

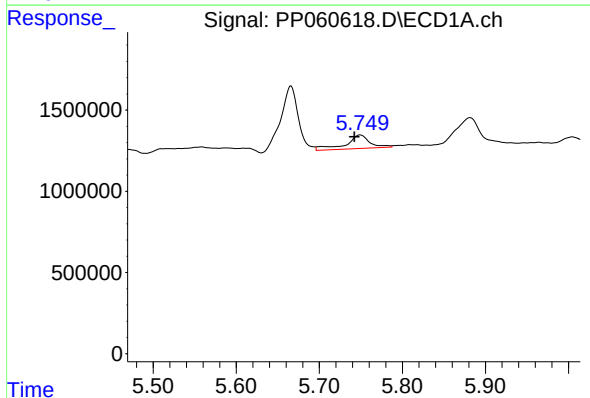
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



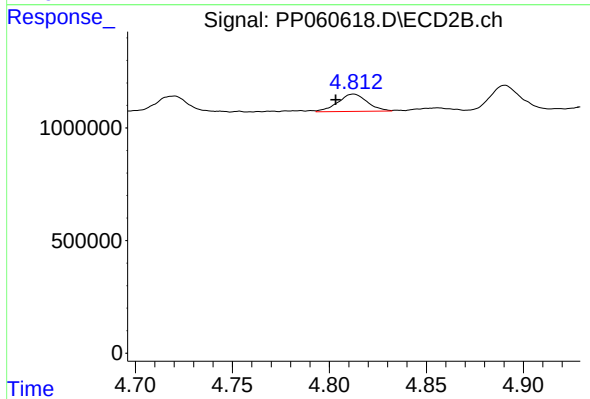
#3 AR-1016-1

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 24896
Conc: 0.43 ng/ml



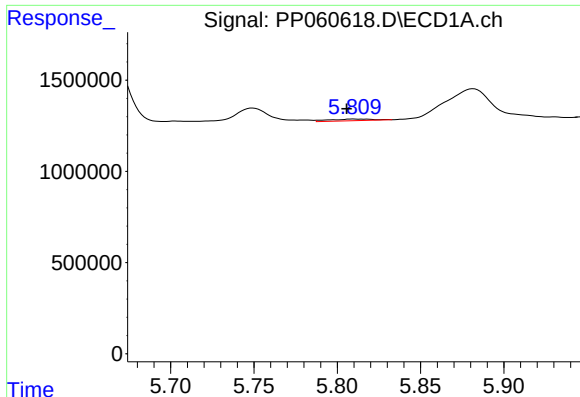
#4 AR-1016-2

R.T.: 5.749 min
Delta R.T.: 0.007 min
Response: 1681675
Conc: 16.06 ng/ml



#4 AR-1016-2

R.T.: 4.813 min
Delta R.T.: 0.009 min
Response: 810728
Conc: 10.07 ng/ml



#5 AR-1016-3

R.T.: 5.809 min
Delta R.T.: 0.004 min
Response: 167573
Conc: 2.56 ng/ml

Instrument :
ECD_P
ClientSampleId :

#5 AR-1016-3

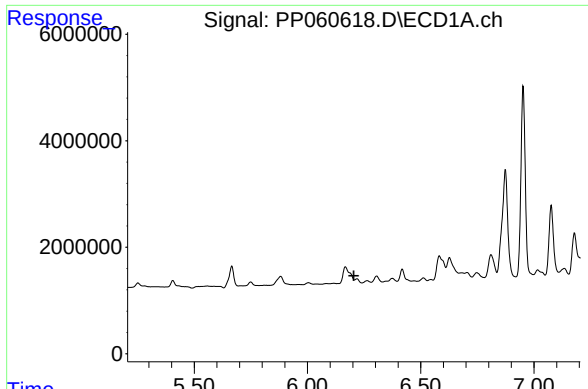
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 373592
Conc: 8.36 ng/ml

#6 AR-1016-4

R.T.: 5.882 min
Delta R.T.: -0.025 min
Response: 2793977
Conc: 51.38 ng/ml

#6 AR-1016-4

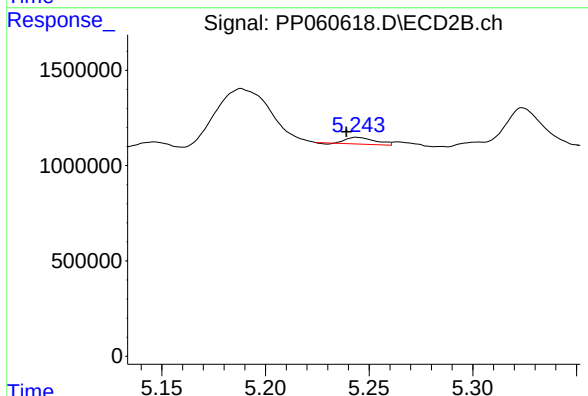
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 134344
Conc: 3.73 ng/ml



#7 AR-1016-5

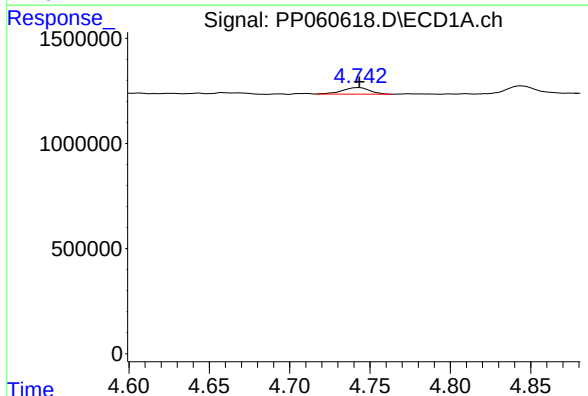
R.T.: 0.000 min
Exp R.T.: 6.205 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



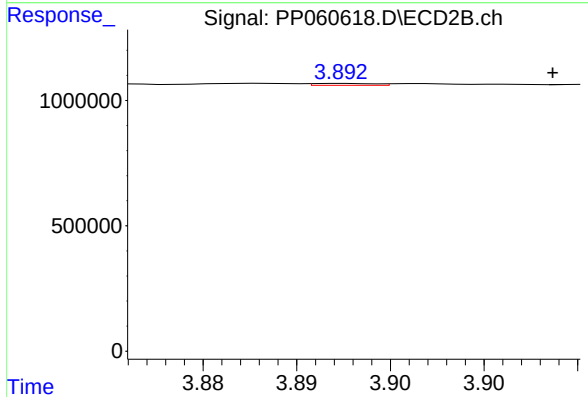
#7 AR-1016-5

R.T.: 5.244 min
Delta R.T.: 0.005 min
Response: 340203
Conc: 7.00 ng/ml



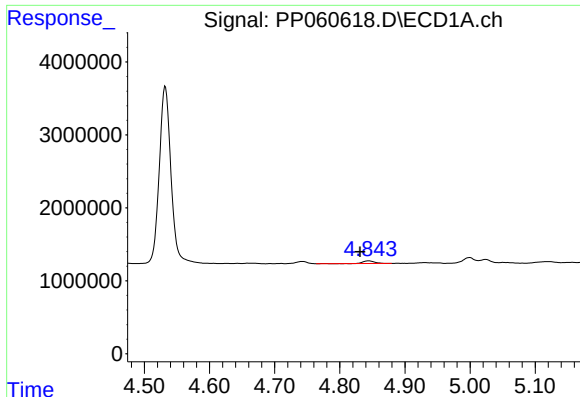
#8 AR-1221-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 368436
Conc: 12.75 ng/ml



#8 AR-1221-1

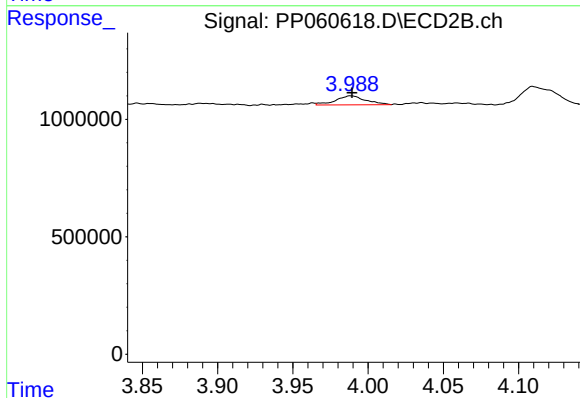
R.T.: 3.893 min
Delta R.T.: -0.011 min
Response: 16757
Conc: 0.80 ng/ml



#9 AR-1221-2

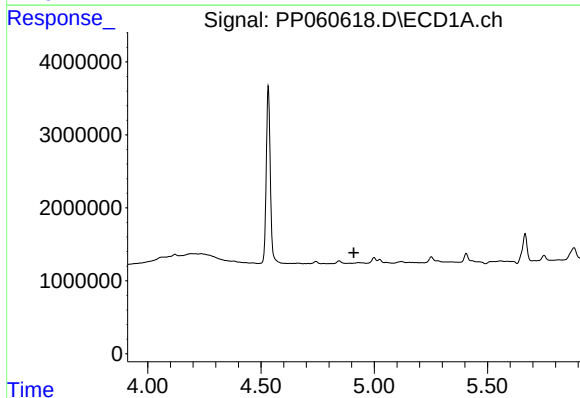
R.T.: 4.844 min
Delta R.T.: 0.013 min
Response: 455059
Conc: 21.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



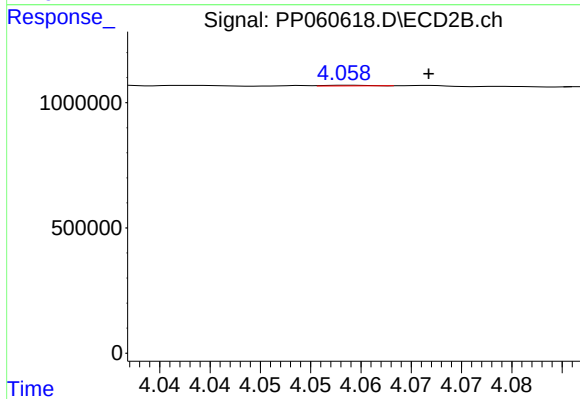
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: -0.001 min
Response: 532211
Conc: 35.69 ng/ml



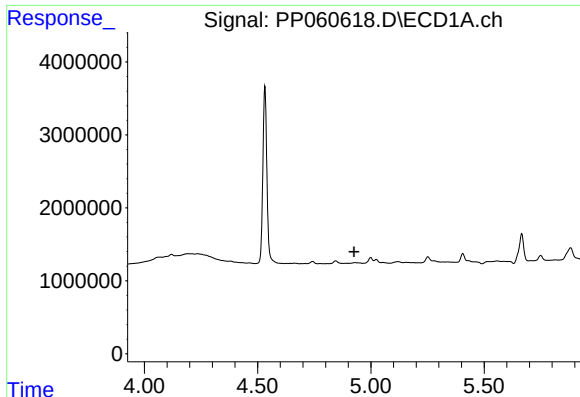
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.909 min
Response: 0
Conc: N.D.



#10 AR-1221-3

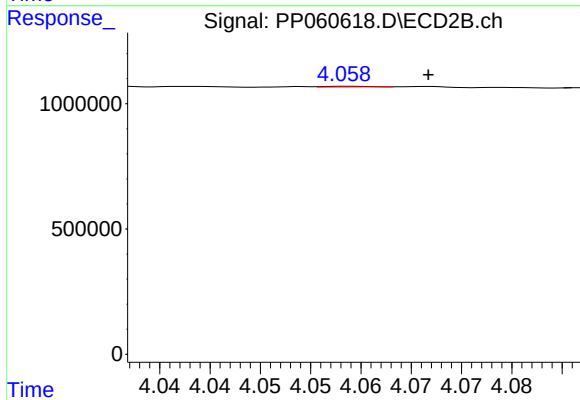
R.T.: 4.059 min
Delta R.T.: -0.008 min
Response: 7984
Conc: 0.18 ng/ml



#11 AR-1232-1

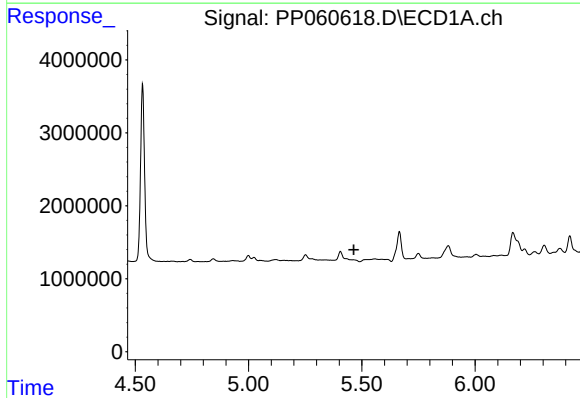
R.T.: 0.000 min
Exp R.T. : 4.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



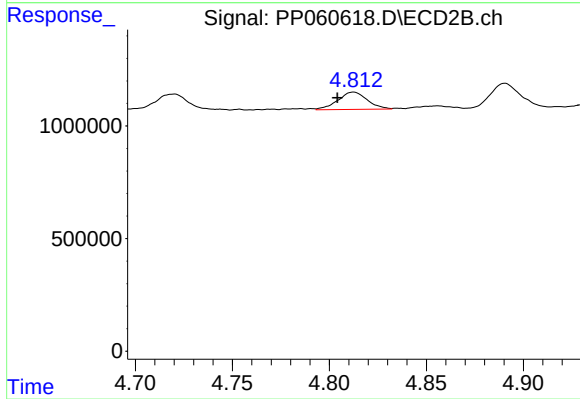
#11 AR-1232-1

R.T.: 4.059 min
Delta R.T.: -0.008 min
Response: 7984
Conc: 0.22 ng/ml



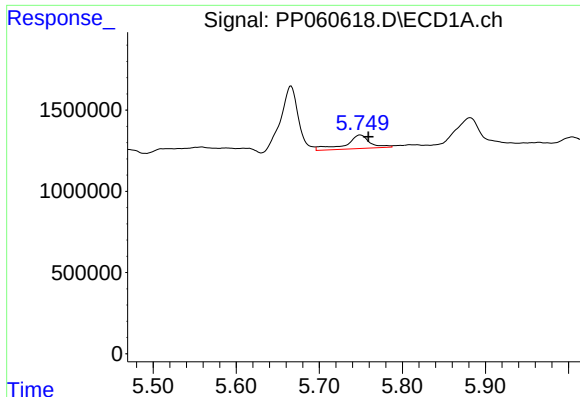
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.464 min
Response: 0
Conc: N.D.



#12 AR-1232-2

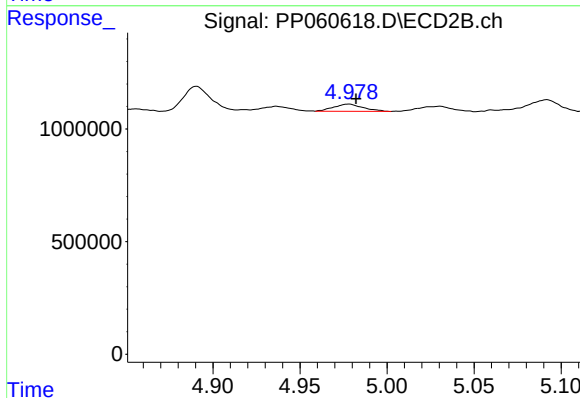
R.T.: 4.813 min
Delta R.T.: 0.008 min
Response: 810728
Conc: 22.23 ng/ml



#13 AR-1232-3

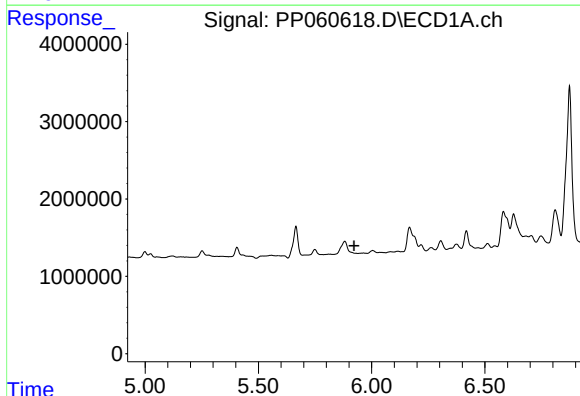
R.T.: 5.749 min
Delta R.T.: -0.010 min
Response: 1681675
Conc: 36.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



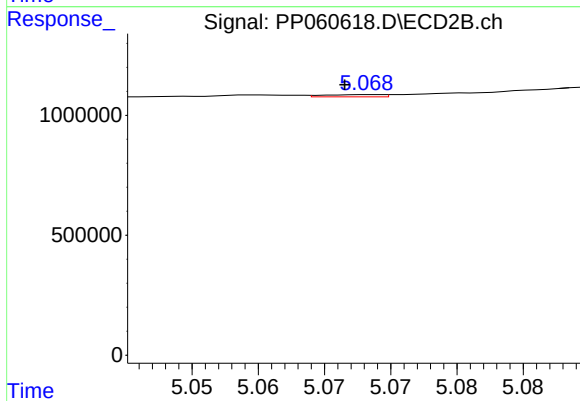
#13 AR-1232-3

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 373592
Conc: 18.67 ng/ml



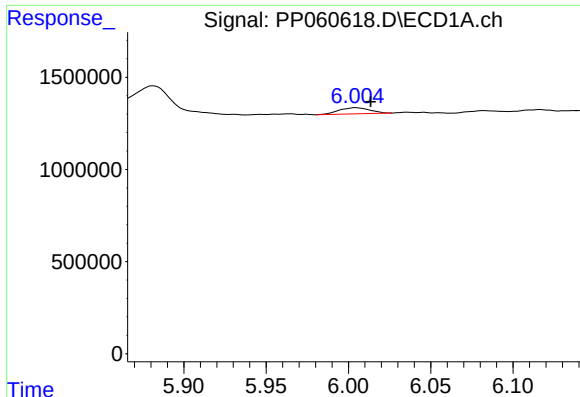
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.922 min
Response: 0
Conc: N.D.



#14 AR-1232-4

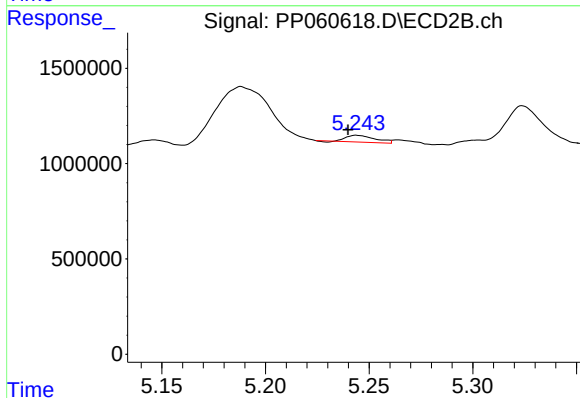
R.T.: 5.069 min
Delta R.T.: 0.002 min
Response: 27394
Conc: 1.47 ng/ml



#15 AR-1232-5

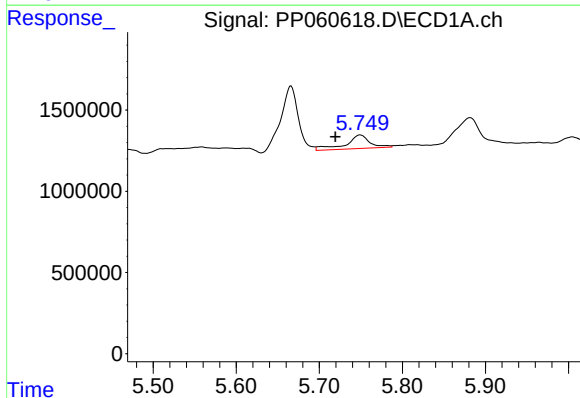
R.T.: 6.005 min
Delta R.T.: -0.009 min
Response: 425802
Conc: 20.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



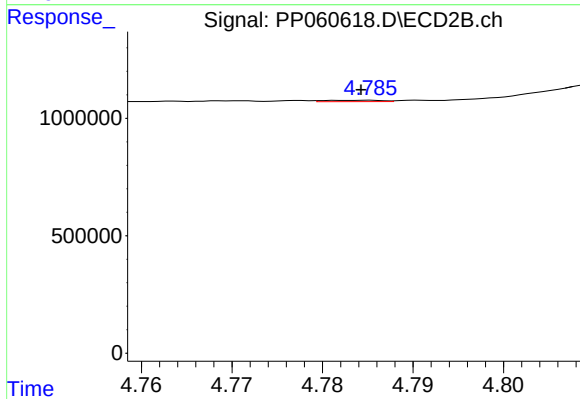
#15 AR-1232-5

R.T.: 5.244 min
Delta R.T.: 0.004 min
Response: 340203
Conc: 16.36 ng/ml



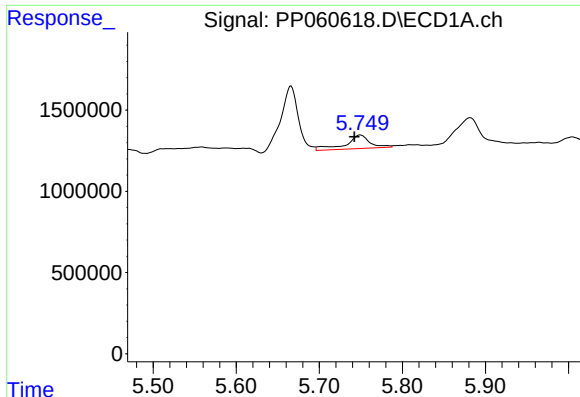
#16 AR-1242-1

R.T.: 5.749 min
Delta R.T.: 0.030 min
Response: 1681675
Conc: 26.31 ng/ml



#16 AR-1242-1

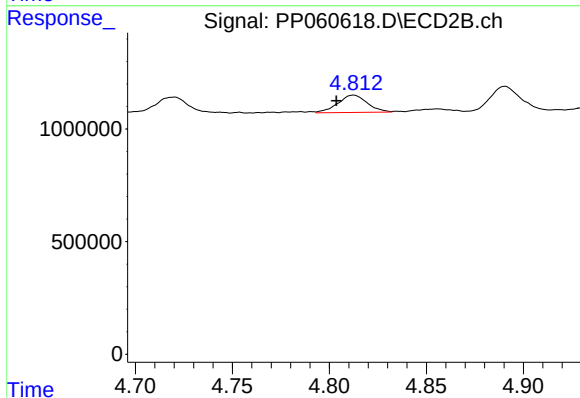
R.T.: 4.785 min
Delta R.T.: 0.001 min
Response: 24896
Conc: 0.49 ng/ml



#17 AR-1242-2

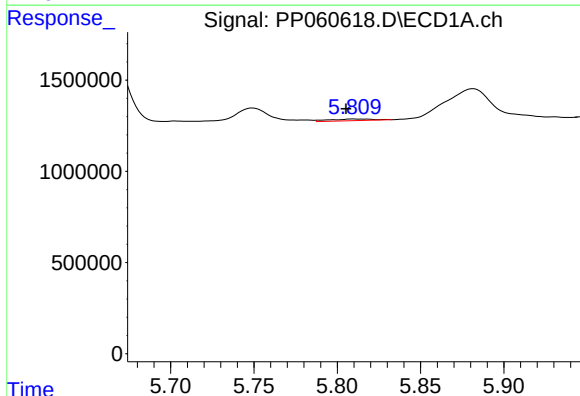
R.T.: 5.749 min
Delta R.T.: 0.007 min
Response: 1681675
Conc: 18.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



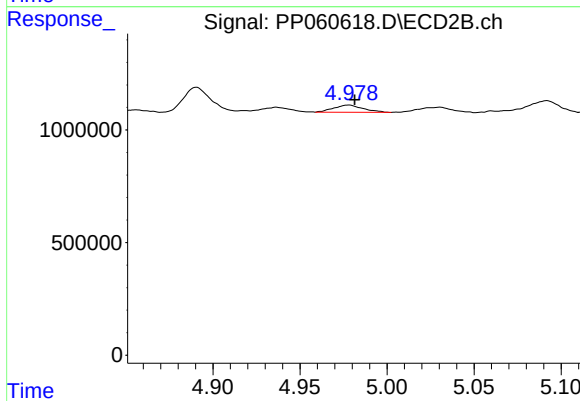
#17 AR-1242-2

R.T.: 4.813 min
Delta R.T.: 0.009 min
Response: 810728
Conc: 11.67 ng/ml



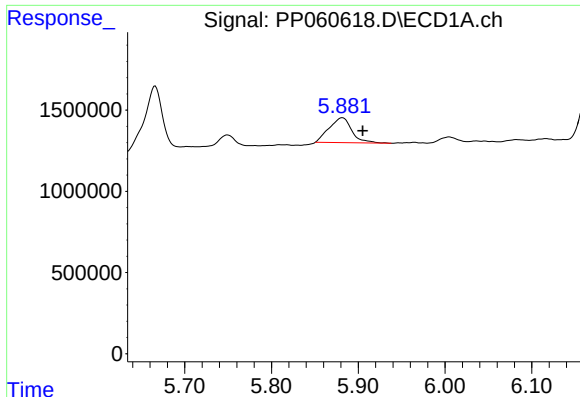
#18 AR-1242-3

R.T.: 5.809 min
Delta R.T.: 0.004 min
Response: 167573
Conc: 2.98 ng/ml



#18 AR-1242-3

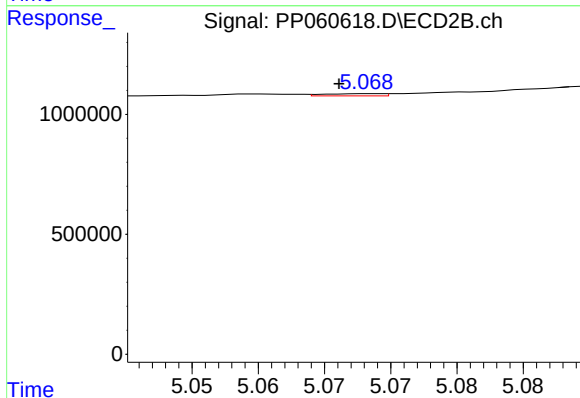
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 373592
Conc: 9.70 ng/ml



#19 AR-1242-4

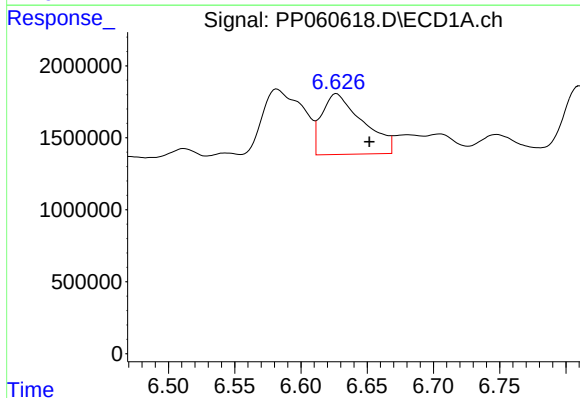
R.T.: 5.882 min
Delta R.T.: -0.024 min
Response: 2793977
Conc: 59.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



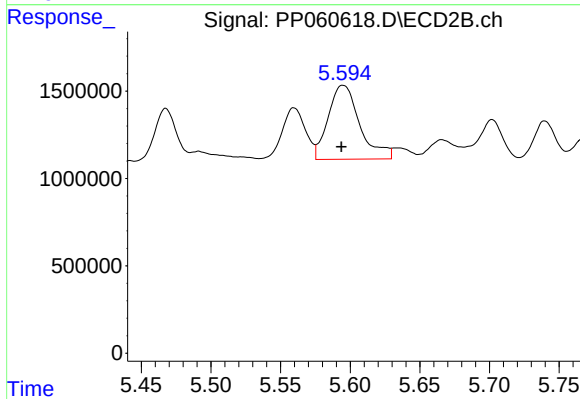
#19 AR-1242-4

R.T.: 5.069 min
Delta R.T.: 0.003 min
Response: 27394
Conc: 0.70 ng/ml



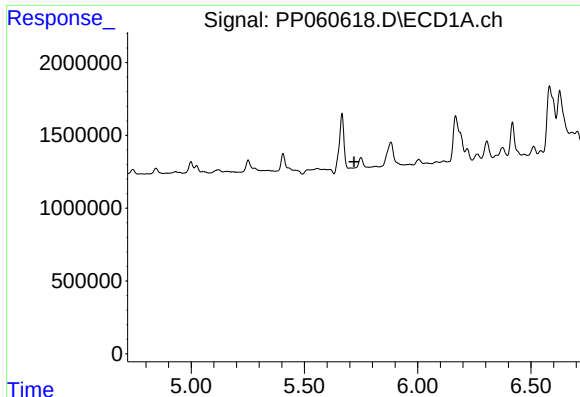
#20 AR-1242-5

R.T.: 6.627 min
Delta R.T.: -0.025 min
Response: 9103728
Conc: 181.00 ng/ml



#20 AR-1242-5

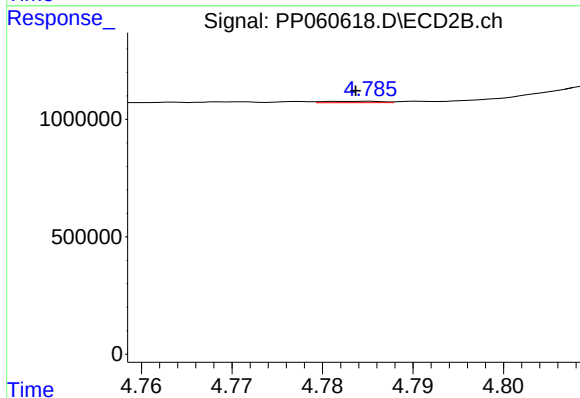
R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 6679622
Conc: 136.55 ng/ml



#21 AR-1248-1

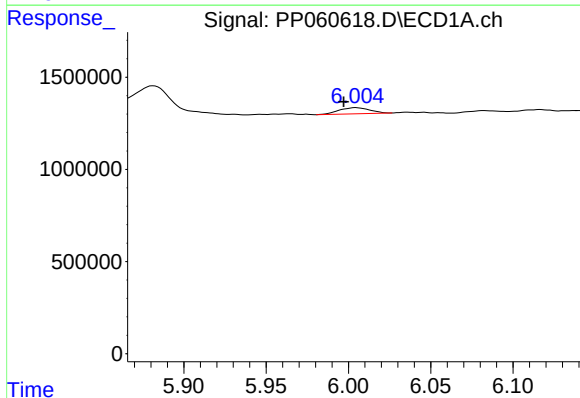
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



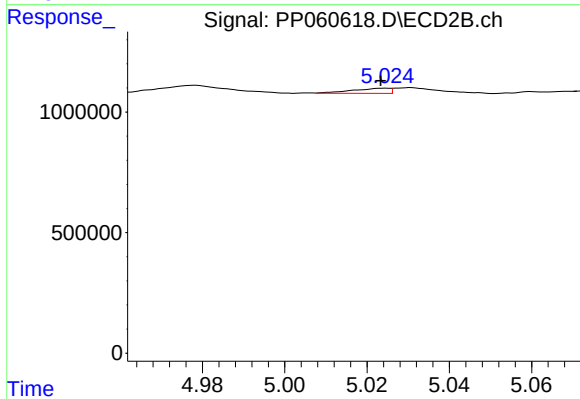
#21 AR-1248-1

R.T.: 4.785 min
Delta R.T.: 0.002 min
Response: 24896
Conc: 0.68 ng/ml



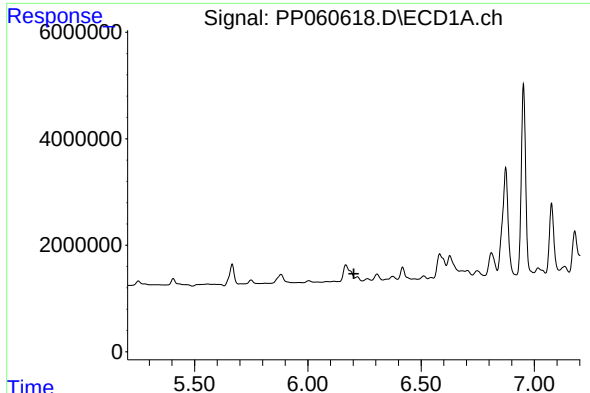
#22 AR-1248-2

R.T.: 6.005 min
Delta R.T.: 0.008 min
Response: 425802
Conc: 6.14 ng/ml



#22 AR-1248-2

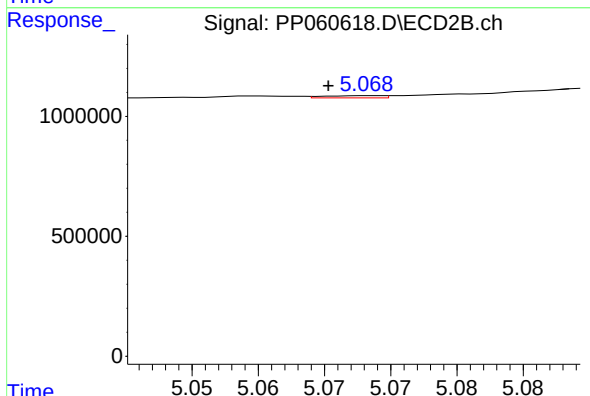
R.T.: 5.025 min
Delta R.T.: 0.001 min
Response: 134344
Conc: 2.57 ng/ml



#23 AR-1248-3

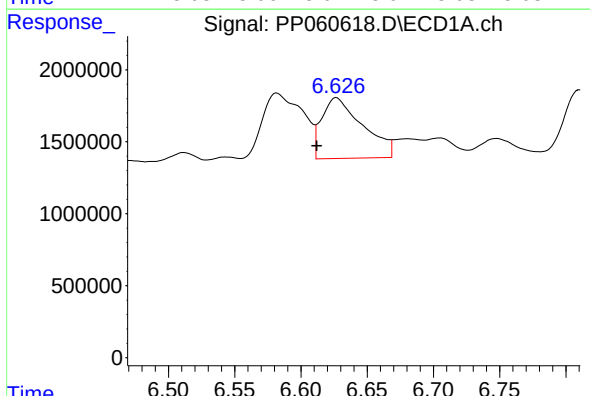
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



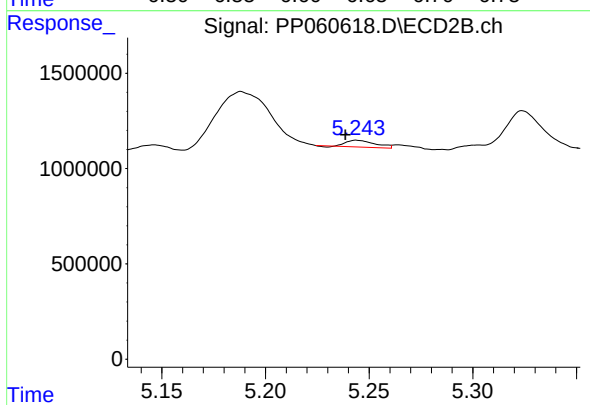
#23 AR-1248-3

R.T.: 5.069 min
Delta R.T.: 0.003 min
Response: 27394
Conc: 0.49 ng/ml



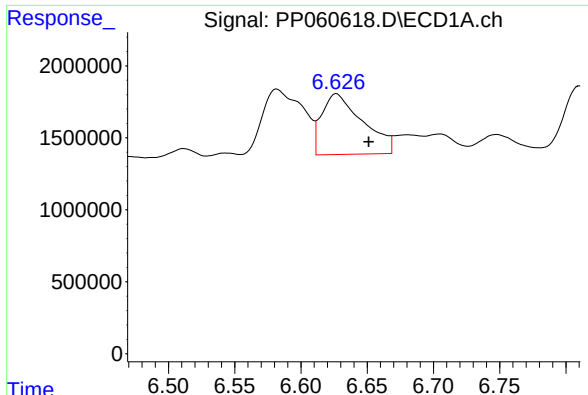
#24 AR-1248-4

R.T.: 6.627 min
Delta R.T.: 0.015 min
Response: 9103728
Conc: 110.07 ng/ml



#24 AR-1248-4

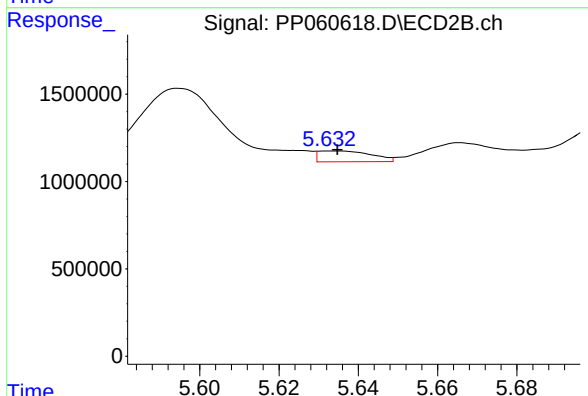
R.T.: 5.244 min
Delta R.T.: 0.005 min
Response: 340203
Conc: 5.17 ng/ml



#25 AR-1248-5

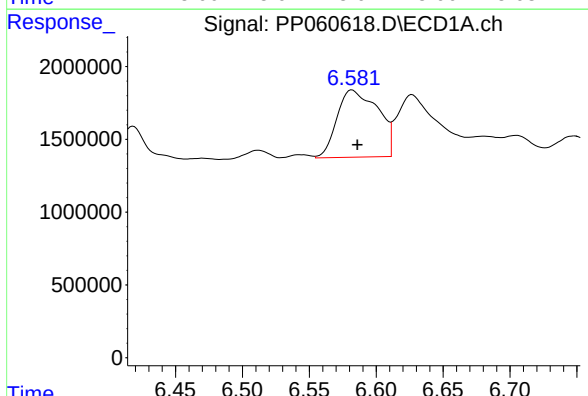
R.T.: 6.627 min
Delta R.T.: -0.024 min
Response: 9103728
Conc: 113.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



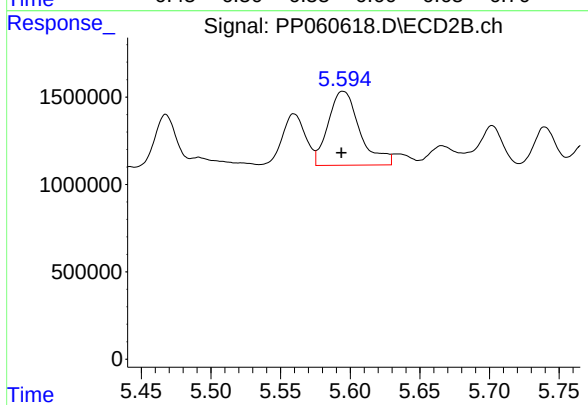
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 576391
Conc: 8.96 ng/ml



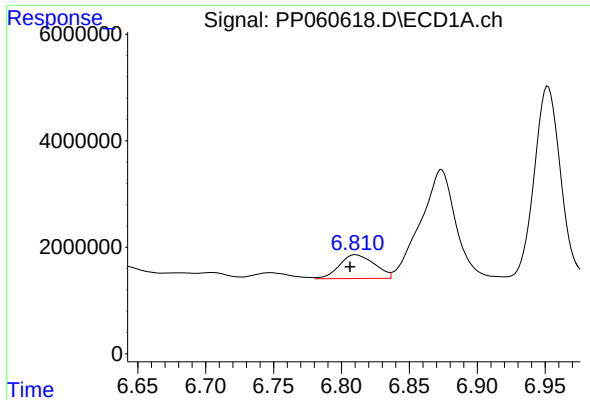
#26 AR-1254-1

R.T.: 6.582 min
Delta R.T.: -0.004 min
Response: 9810615
Conc: 114.96 ng/ml



#26 AR-1254-1

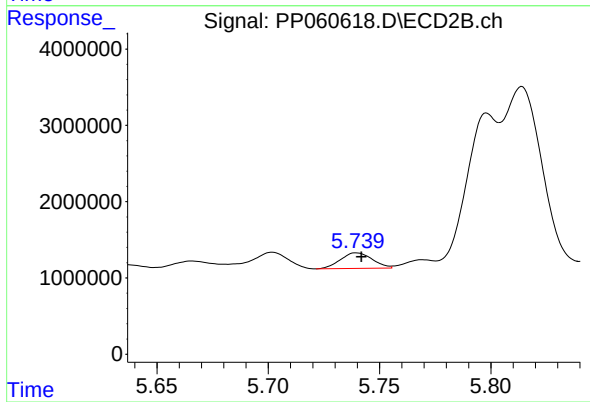
R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 6679622
Conc: 67.53 ng/ml



#27 AR-1254-2

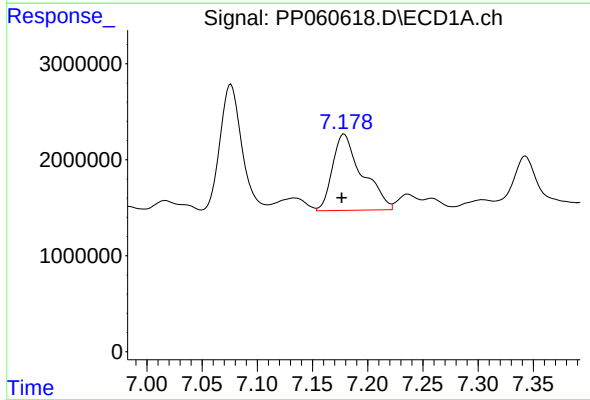
R.T.: 6.810 min
Delta R.T.: 0.004 min
Response: 8008168
Conc: 62.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



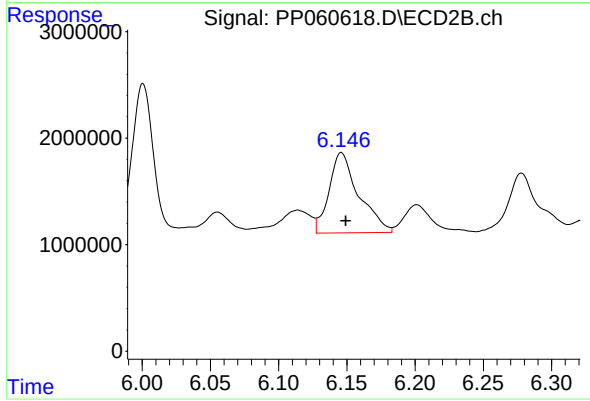
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 2041040
Conc: 23.75 ng/ml



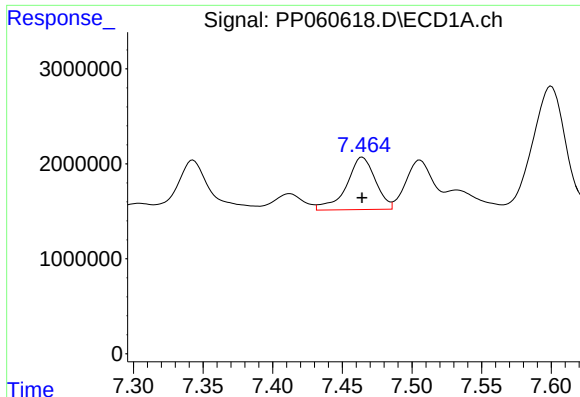
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: 0.002 min
Response: 14886000
Conc: 112.00 ng/ml



#28 AR-1254-3

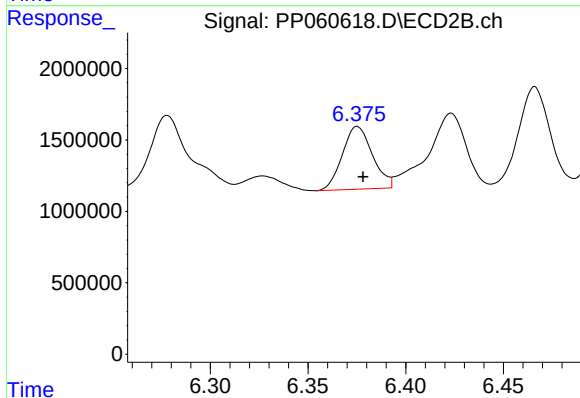
R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 11422833
Conc: 79.70 ng/ml



#29 AR-1254-4

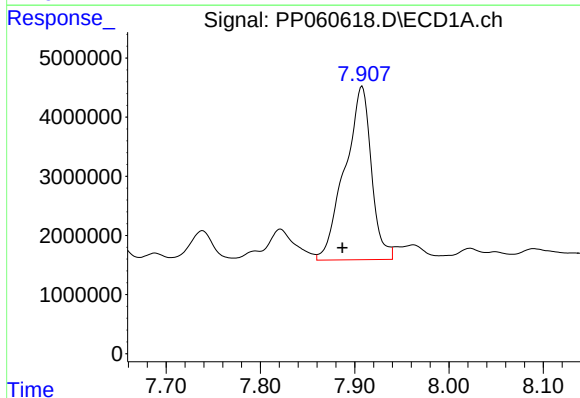
R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 7986713
Conc: 81.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



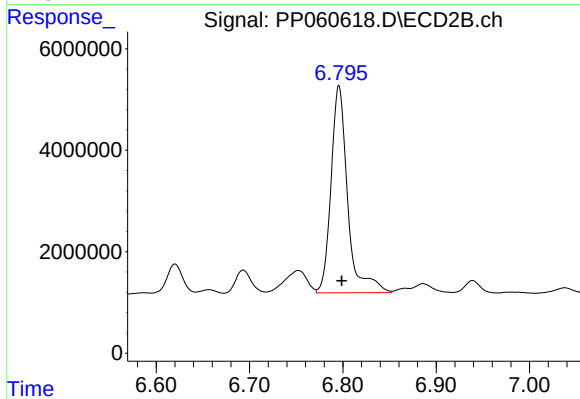
#29 AR-1254-4

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 4707268
Conc: 54.01 ng/ml



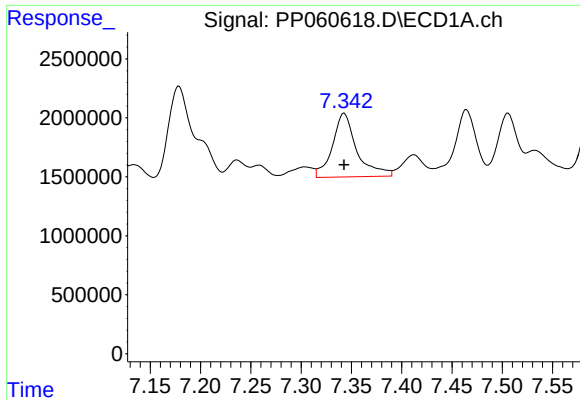
#30 AR-1254-5

R.T.: 7.908 min
Delta R.T.: 0.021 min
Response: 57268096
Conc: 528.58 ng/ml



#30 AR-1254-5

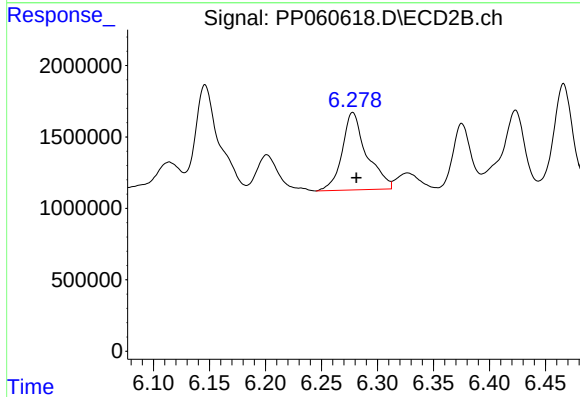
R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 50670819
Conc: 399.86 ng/ml



#31 AR-1260-1

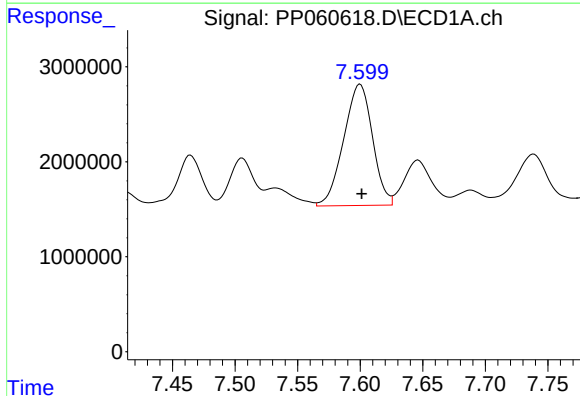
R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 9099421
Conc: 86.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



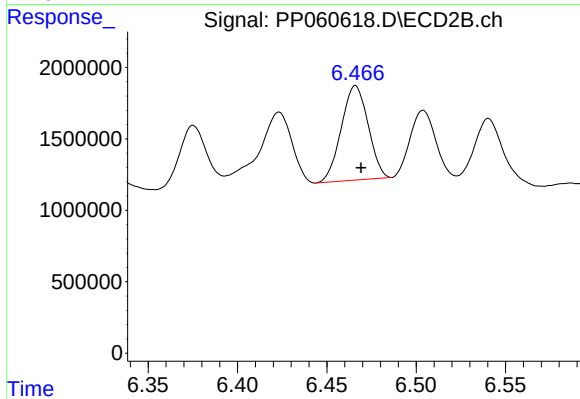
#31 AR-1260-1

R.T.: 6.278 min
Delta R.T.: -0.003 min
Response: 8255839
Conc: 82.25 ng/ml



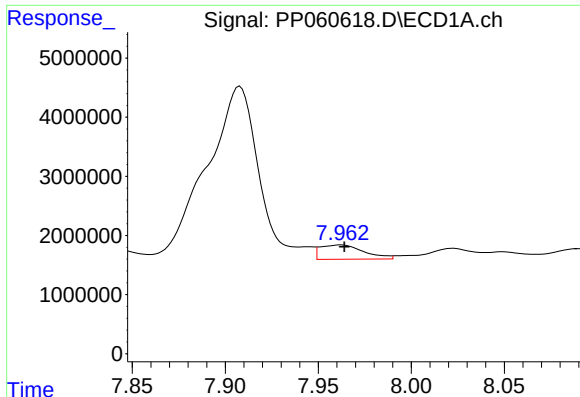
#32 AR-1260-2

R.T.: 7.600 min
Delta R.T.: -0.001 min
Response: 20511835
Conc: 169.65 ng/ml



#32 AR-1260-2

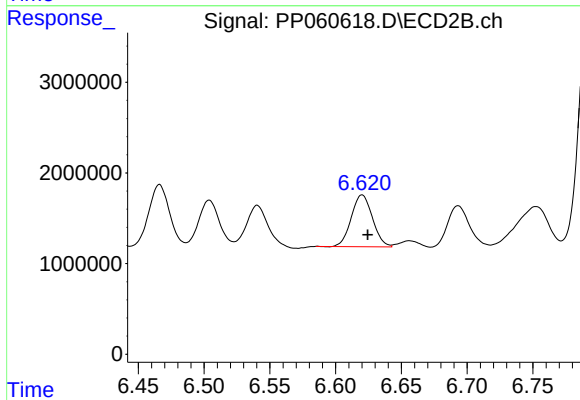
R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 6916866
Conc: 57.98 ng/ml



#33 AR-1260-3

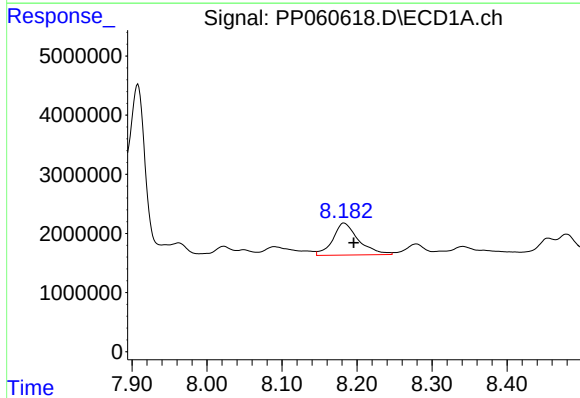
R.T.: 7.962 min
Delta R.T.: -0.002 min
Response: 3948466
Conc: 42.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



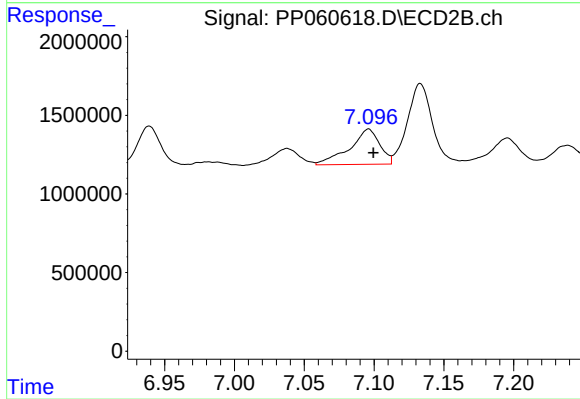
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.004 min
Response: 6397361
Conc: 55.87 ng/ml



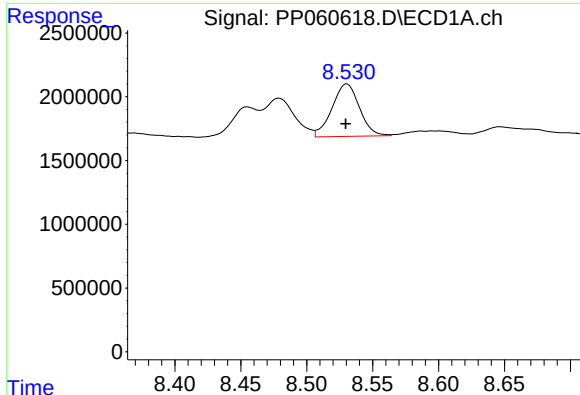
#34 AR-1260-4

R.T.: 8.183 min
Delta R.T.: -0.013 min
Response: 12949689
Conc: 122.11 ng/ml



#34 AR-1260-4

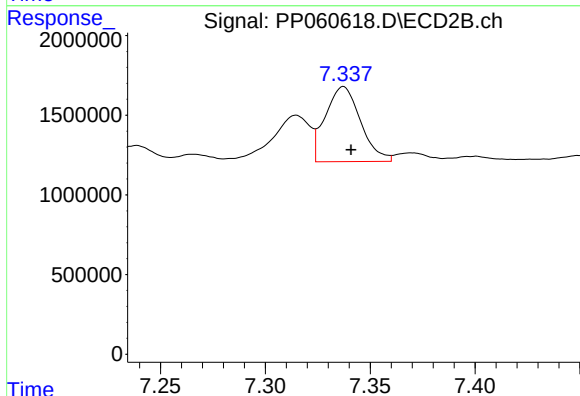
R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 3369144
Conc: 35.40 ng/ml



#35 AR-1260-5

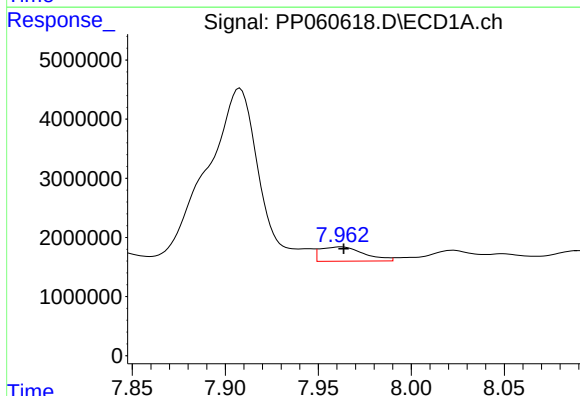
R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 5965878
Conc: 30.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



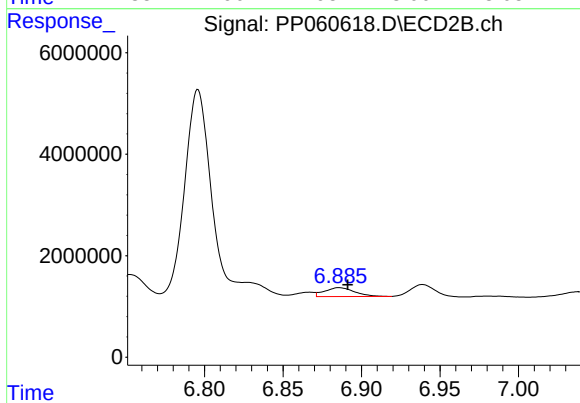
#35 AR-1260-5

R.T.: 7.337 min
Delta R.T.: -0.004 min
Response: 5504710
Conc: 25.40 ng/ml



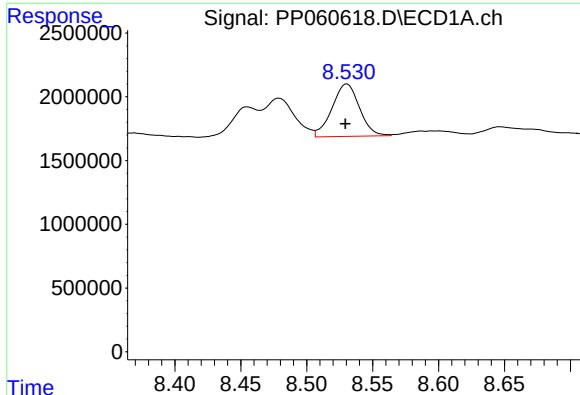
#36 AR-1262-1

R.T.: 7.962 min
Delta R.T.: -0.002 min
Response: 3948466
Conc: 31.65 ng/ml



#36 AR-1262-1

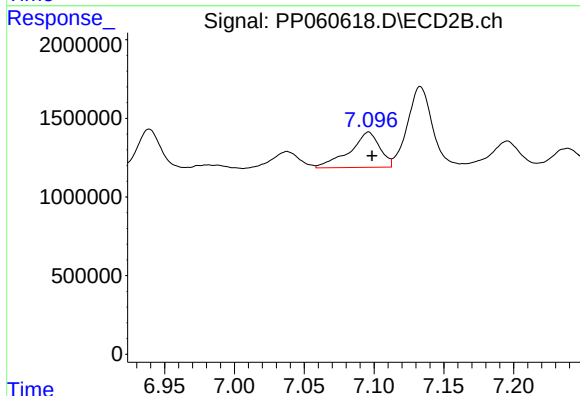
R.T.: 6.886 min
Delta R.T.: -0.006 min
Response: 2326715
Conc: 43.45 ng/ml



#37 AR-1262-2

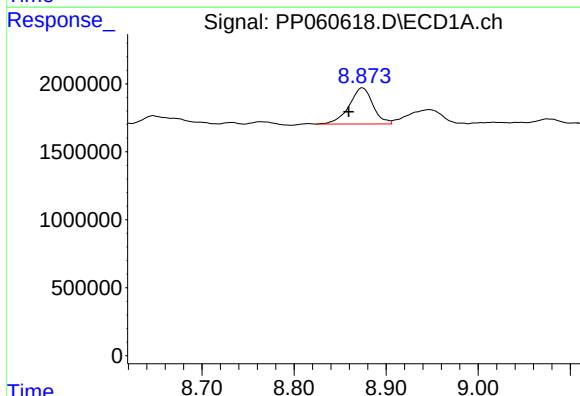
R.T.: 8.531 min
Delta R.T.: 0.001 min
Response: 5965878
Conc: 28.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



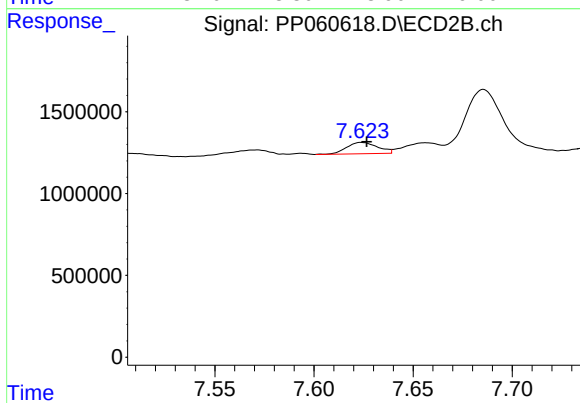
#37 AR-1262-2

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 3369144
Conc: 28.56 ng/ml



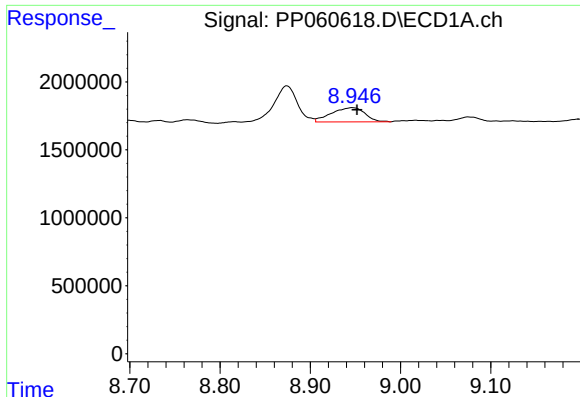
#38 AR-1262-3

R.T.: 8.874 min
Delta R.T.: 0.015 min
Response: 4783722
Conc: 31.61 ng/ml



#38 AR-1262-3

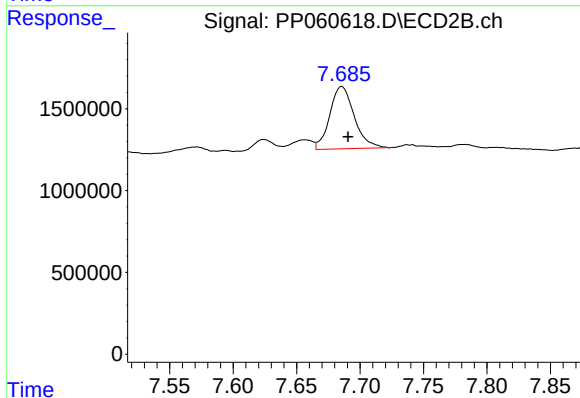
R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 762282
Conc: 8.27 ng/ml



#39 AR-1262-4

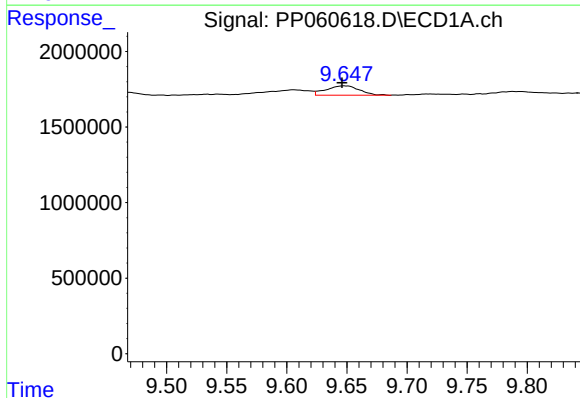
R.T.: 8.947 min
Delta R.T.: -0.005 min
Response: 2721227
Conc: 22.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



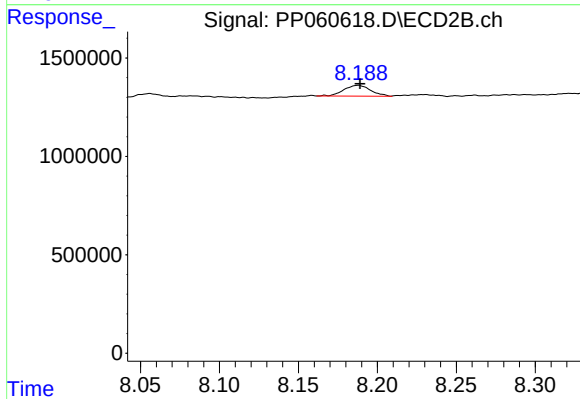
#39 AR-1262-4

R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 5106285
Conc: 30.31 ng/ml



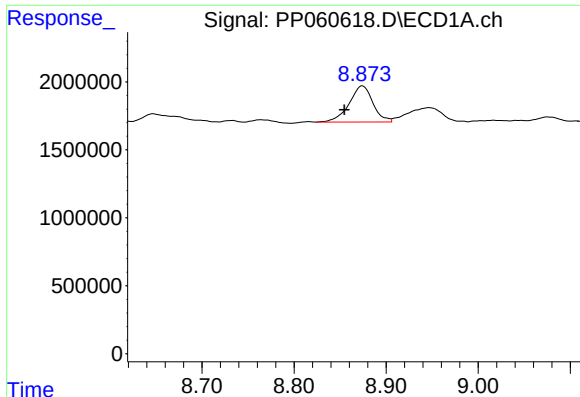
#40 AR-1262-5

R.T.: 9.648 min
Delta R.T.: 0.002 min
Response: 1200098
Conc: 14.99 ng/ml



#40 AR-1262-5

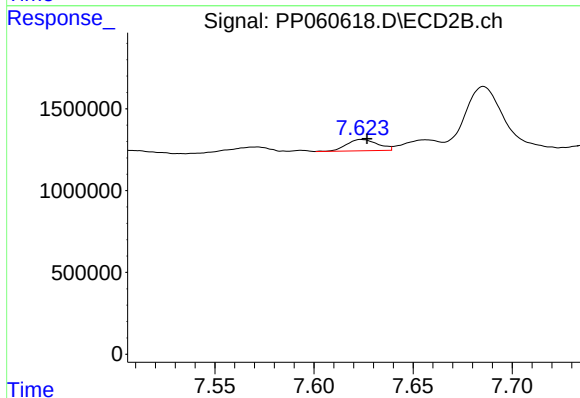
R.T.: 8.188 min
Delta R.T.: -0.001 min
Response: 649062
Conc: 8.38 ng/ml



#41 AR-1268-1

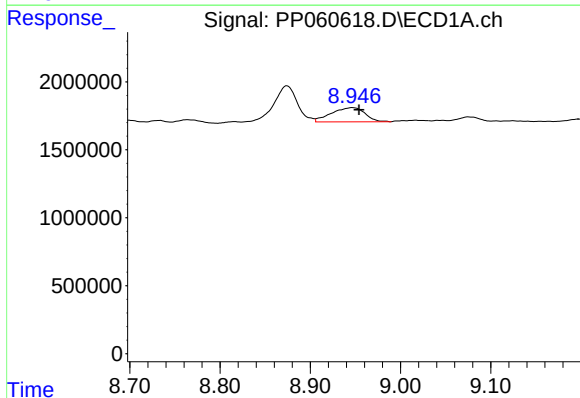
R.T.: 8.874 min
Delta R.T.: 0.020 min
Response: 4783722
Conc: 18.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



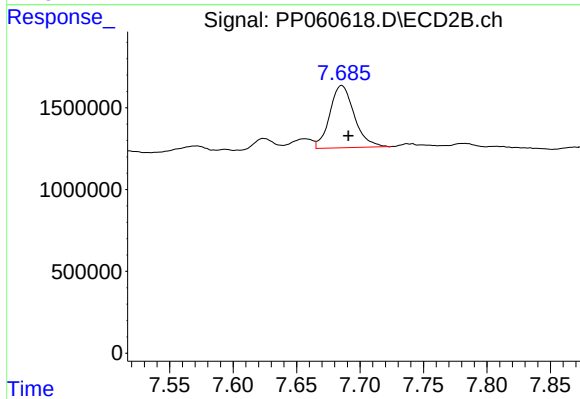
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 762282
Conc: 2.80 ng/ml



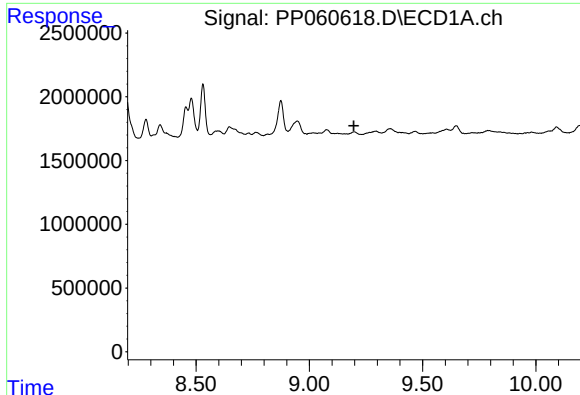
#42 AR-1268-2

R.T.: 8.947 min
Delta R.T.: -0.007 min
Response: 2721227
Conc: 11.16 ng/ml



#42 AR-1268-2

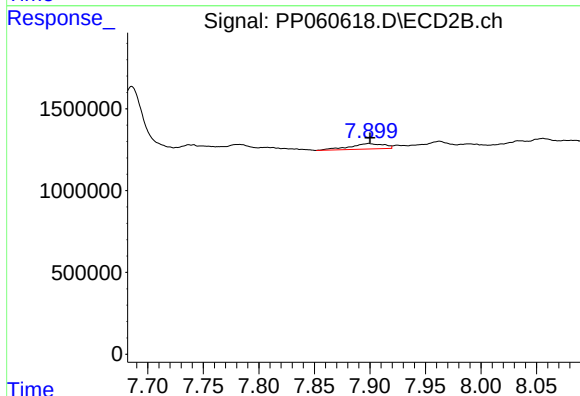
R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 5106285
Conc: 20.94 ng/ml



#43 AR-1268-3

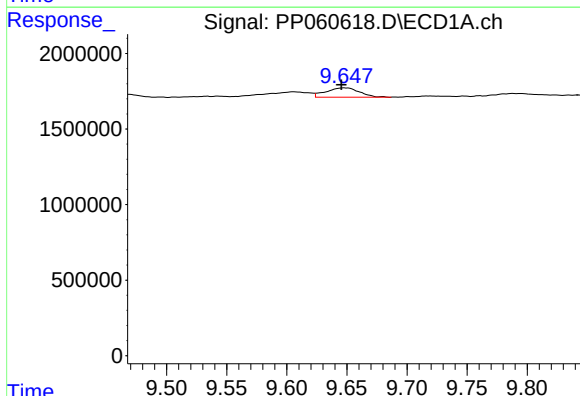
R.T.: 0.000 min
Exp R.T.: 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



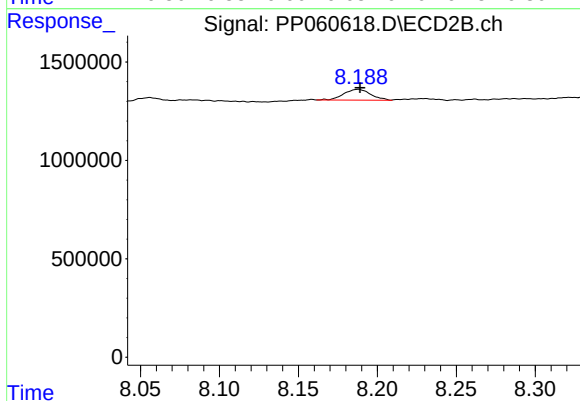
#43 AR-1268-3

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 709302
Conc: 3.32 ng/ml



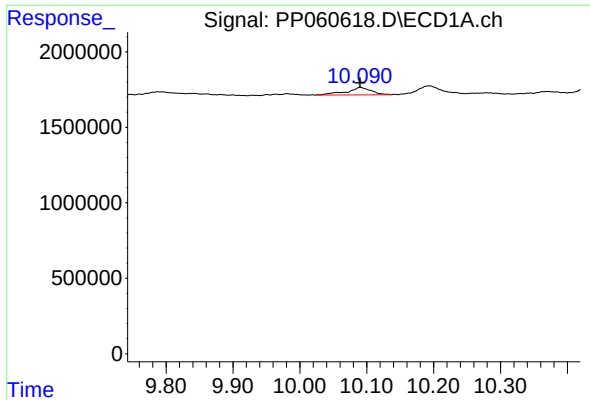
#44 AR-1268-4

R.T.: 9.648 min
Delta R.T.: 0.002 min
Response: 1200098
Conc: 12.99 ng/ml



#44 AR-1268-4

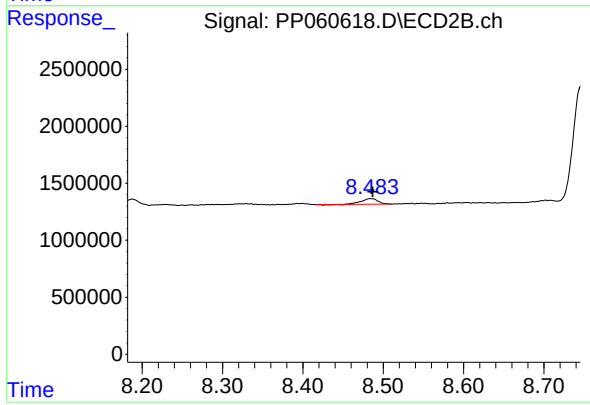
R.T.: 8.188 min
Delta R.T.: -0.001 min
Response: 649062
Conc: 7.40 ng/ml



#45 AR-1268-5

R.T.: 10.091 min
Delta R.T.: 0.000 min
Response: 1285229
Conc: 2.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.484 min
Delta R.T.: -0.003 min
Response: 701452
Conc: 1.12 ng/ml