

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092923\
 Data File : PP060400.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 13:57
 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: Sep 29 14:11:02 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...	4.534	3.684	107.9E6	72768226	48.177	48.887
2)	SA Decachlor...	10.466	8.750	84466124	77798798	47.842	47.694
Target Compounds							
3)	L1 AR-1016-1	5.721	4.782	30337828	23993579	412.172	412.901
4)	L1 AR-1016-2	5.745	4.802	42599698	32570901	406.745	404.580
5)	L1 AR-1016-3	5.807	4.980	26856806	18437679	410.929	412.544
6)	L1 AR-1016-4	5.908	5.022	22506560	14130087	413.880	392.680
7)	L1 AR-1016-5	6.207	5.238	22930723	19945303	412.255	410.482
8)	L2 AR-1221-1	4.741	3.900	4006068	3283673	138.681	157.188
9)	L2 AR-1221-2	4.833	3.987	5864347	3958790	274.483	265.496
10)	L2 AR-1221-3	4.911	4.065	18801237	13333866	309.592	303.541
11)	L3 AR-1232-1	4.911f	4.065	18801237	13333866	373.499	366.421
12)	L3 AR-1232-2	5.449	4.802	24020355	32570901	877.206	893.128
13)	L3 AR-1232-3	5.745	4.980	42599698	18437679	917.757	921.181
14)	L3 AR-1232-4	5.908	5.064	22506560	18373843	915.660	984.441
15)	L3 AR-1232-5	6.000	5.238	20112440	19945303	970.600	958.938
16)	L4 AR-1242-1	5.721	4.782	30337828	23993579	474.717	473.927
17)	L4 AR-1242-2	5.745	4.802	42599698	32570901	470.474	469.021
18)	L4 AR-1242-3	5.807	4.980	26856806	18437679	477.025	478.768
19)	L4 AR-1242-4	5.908	5.064	22506560	18373843	481.878	466.544
20)	L4 AR-1242-5	6.654	5.592	23041808	22672042	458.125	463.478
21)	L5 AR-1248-1	5.721	4.782	30337828	23993579	652.084	657.473
22)	L5 AR-1248-2	6.000	5.022	20112440	14130087	290.075	270.319
23)	L5 AR-1248-3	6.207	5.064	22930723	18373843	301.920	330.916
24)	L5 AR-1248-4	6.615	5.238	22331783	19945303	270.015	302.995
25)	L5 AR-1248-5	6.654	5.633	23041808	19085217	286.294	296.712
26)	L6 AR-1254-1	6.587	5.592	17302125	22672042	202.743	229.199
27)	L6 AR-1254-2	6.814	5.741	20184982	5808691	158.157	67.588 #
28)	L6 AR-1254-3	7.180	6.148	8977967	7823866	67.546	54.588
29)	L6 AR-1254-4	7.468	6.378	6463182	5761588	65.723	66.101
30)	L6 AR-1254-5	7.892	6.799	1445879	1980027	13.345	15.625
31)	L7 AR-1260-1	7.347	6.294	953699	2835889	9.098	28.253 #
32)	L7 AR-1260-2	7.604	6.467	1947192	1124784	16.105	9.428 #
33)	L7 AR-1260-3	0.000	6.621	0	1281952	N.D.	11.197 #
34)	L7 AR-1260-4	8.185	7.098	627765	72424	5.919	0.761 #
35)	L7 AR-1260-5	8.529	7.340	377174	228324	1.949	1.054 #
36)	L8 AR-1262-1	0.000	6.891	0	21595	N.D.	0.403 #
37)	L8 AR-1262-2	8.529	7.098	377174	72424	1.800	0.614 #
38)	L8 AR-1262-3	8.857	7.630	447365	100726	2.956	1.092 #
39)	L8 AR-1262-4	8.948	7.691	890721	262340	7.443	1.557 #
40)	L8 AR-1262-5	0.000	8.197	0	67389	N.D.	0.870 #
41)	L9 AR-1268-1	8.857	7.630	447365	100726	1.686	0.371 #

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 Acq On : 29 Sep 2023 13:57
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

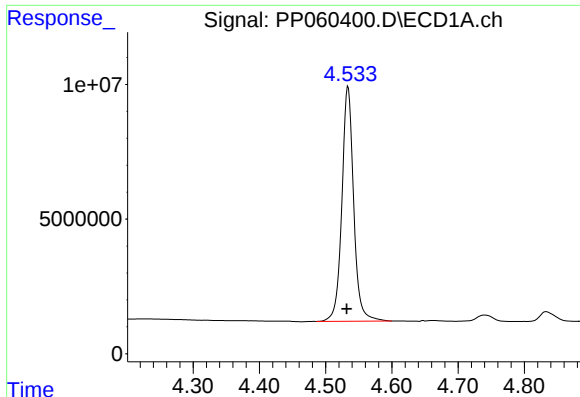
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 14:11:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
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 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	8.948	7.691	890721	262340	3.654	1.076 #
43) L9	AR-1268-3	9.202	7.899	4069209	434560	19.456	2.032 #
44) L9	AR-1268-4	0.000	8.197	0	67389	N.D.	0.768 #
45) L9	AR-1268-5	10.098	8.488	607383	713276	0.959	1.141

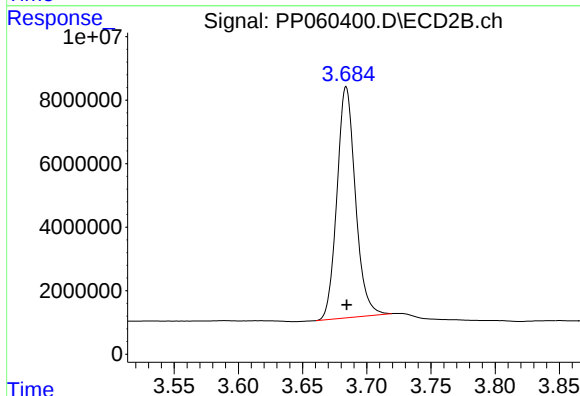
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

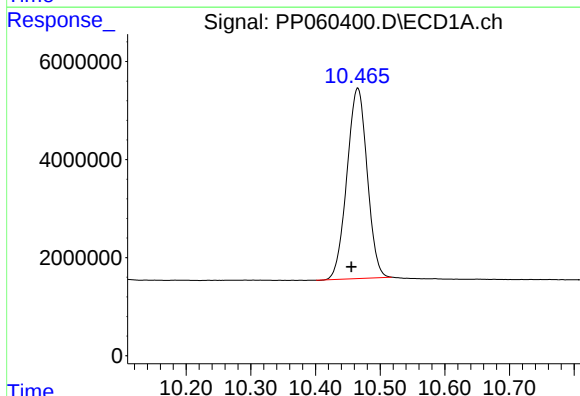
R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 107892962
Conc: 48.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



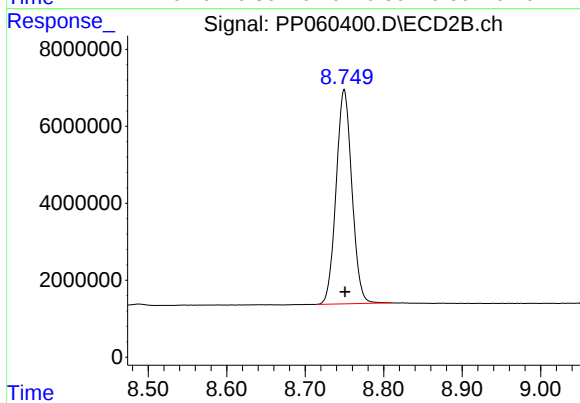
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 72768226
Conc: 48.89 ng/ml



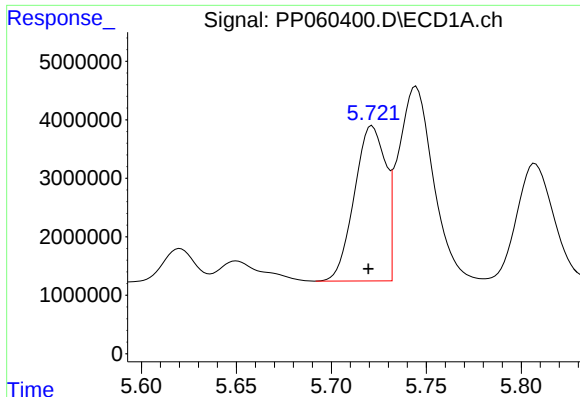
#2 Decachlorobiphenyl

R.T.: 10.466 min
Delta R.T.: 0.010 min
Response: 84466124
Conc: 47.84 ng/ml



#2 Decachlorobiphenyl

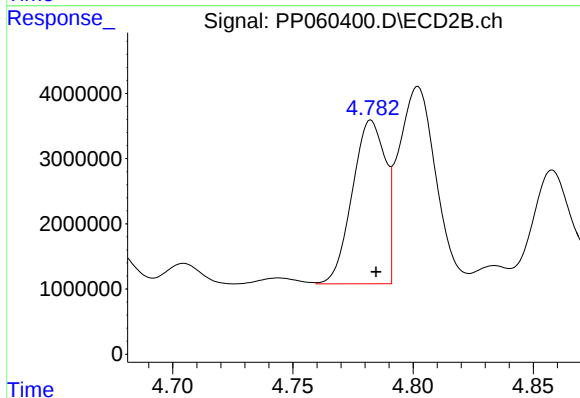
R.T.: 8.750 min
Delta R.T.: 0.000 min
Response: 77798798
Conc: 47.69 ng/ml



#3 AR-1016-1

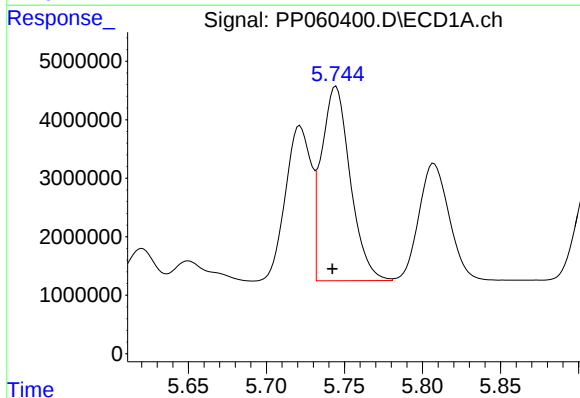
R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 30337828
Conc: 412.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



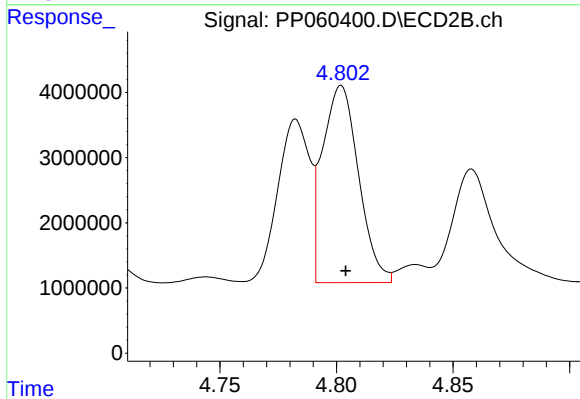
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 23993579
Conc: 412.90 ng/ml



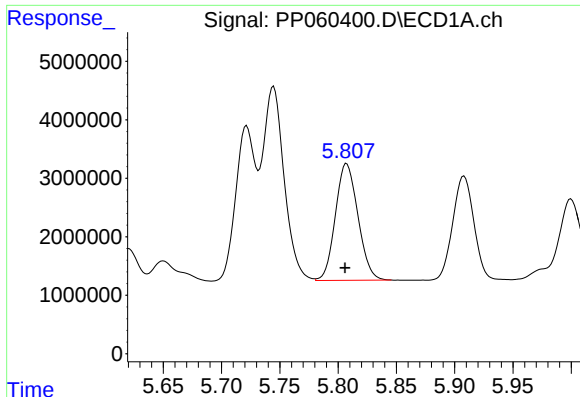
#4 AR-1016-2

R.T.: 5.745 min
Delta R.T.: 0.002 min
Response: 42599698
Conc: 406.75 ng/ml



#4 AR-1016-2

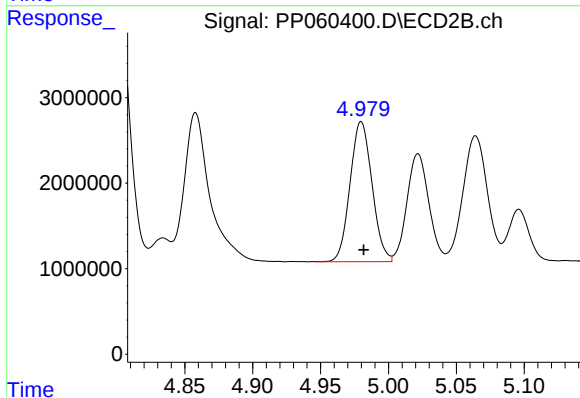
R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 32570901
Conc: 404.58 ng/ml



#5 AR-1016-3

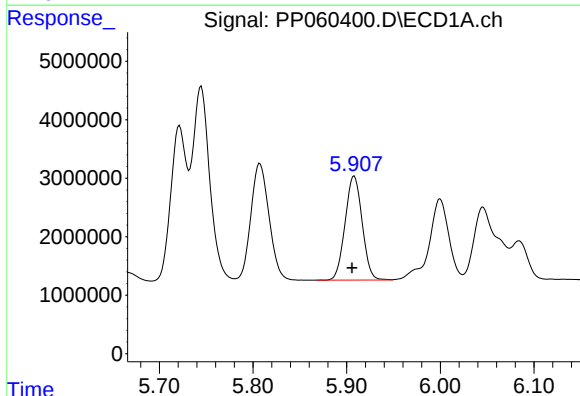
R.T.: 5.807 min
Delta R.T.: 0.001 min
Response: 26856806
Conc: 410.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



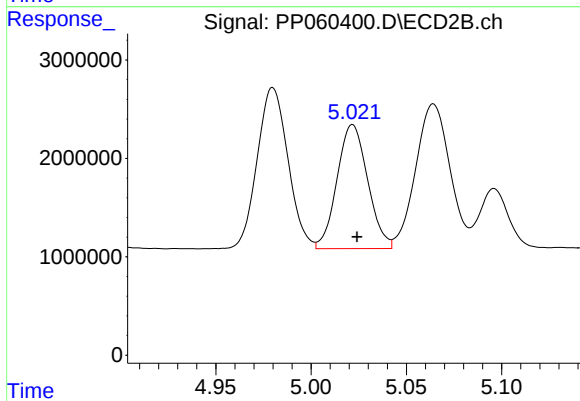
#5 AR-1016-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 18437679
Conc: 412.54 ng/ml



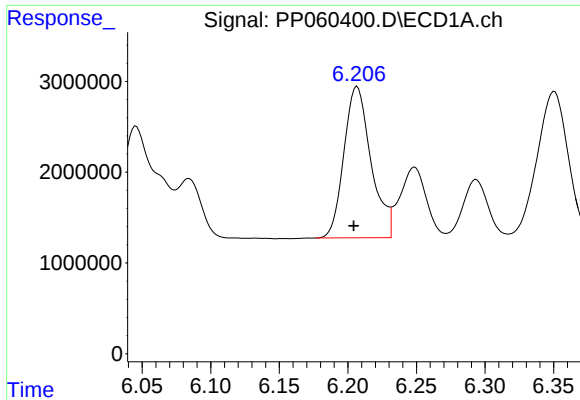
#6 AR-1016-4

R.T.: 5.908 min
Delta R.T.: 0.002 min
Response: 22506560
Conc: 413.88 ng/ml



#6 AR-1016-4

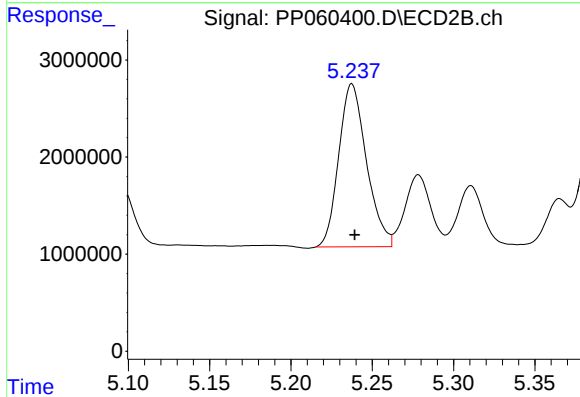
R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 14130087
Conc: 392.68 ng/ml



#7 AR-1016-5

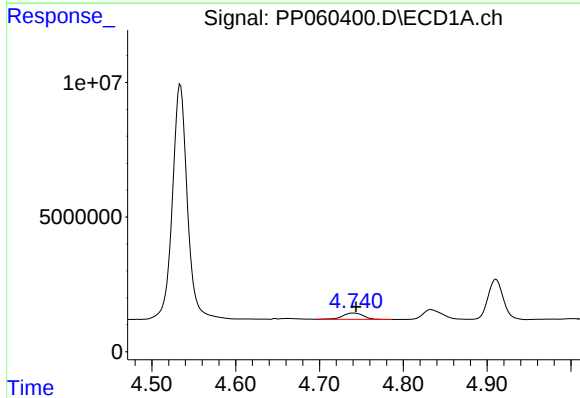
R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 22930723
Conc: 412.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



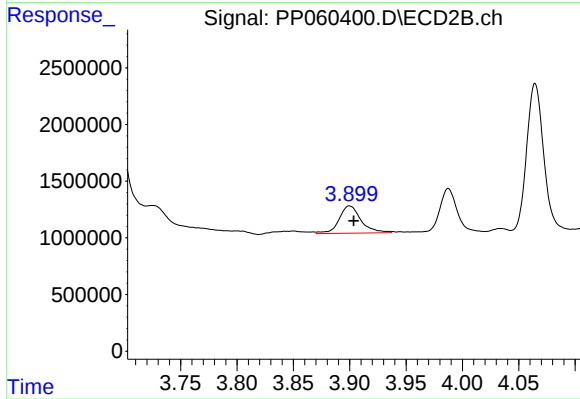
#7 AR-1016-5

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 19945303
Conc: 410.48 ng/ml



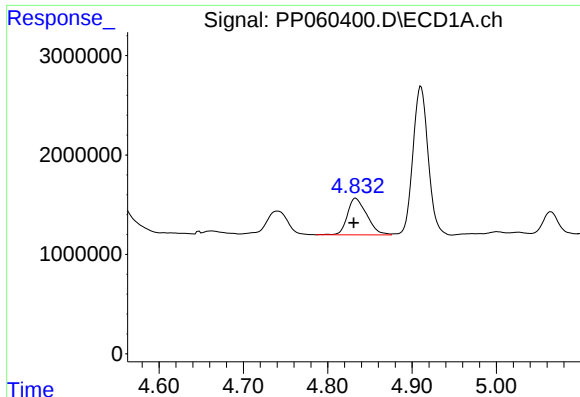
#8 AR-1221-1

R.T.: 4.741 min
Delta R.T.: -0.003 min
Response: 4006068
Conc: 138.68 ng/ml



#8 AR-1221-1

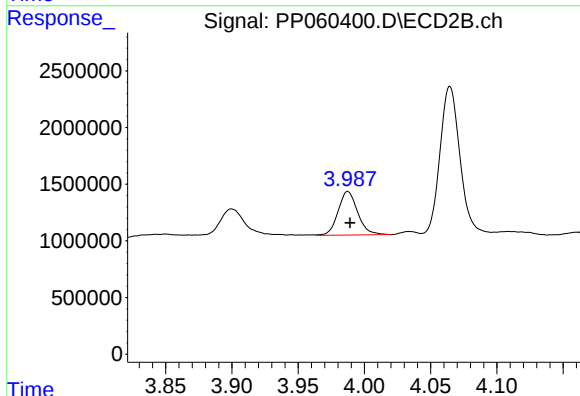
R.T.: 3.900 min
Delta R.T.: -0.004 min
Response: 3283673
Conc: 157.19 ng/ml



#9 AR-1221-2

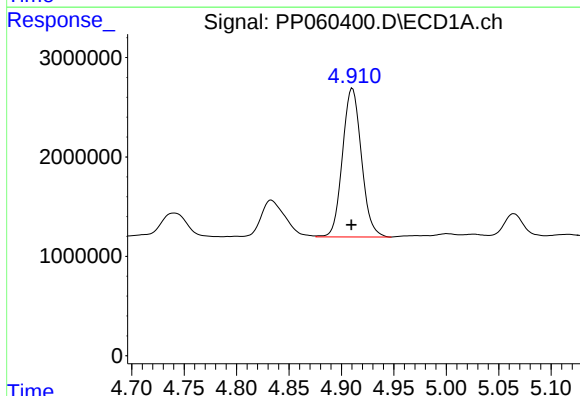
R.T.: 4.833 min
Delta R.T.: 0.002 min
Response: 5864347
Conc: 274.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



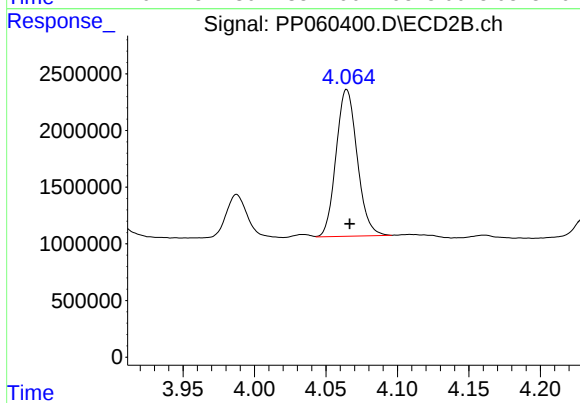
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.002 min
Response: 3958790
Conc: 265.50 ng/ml



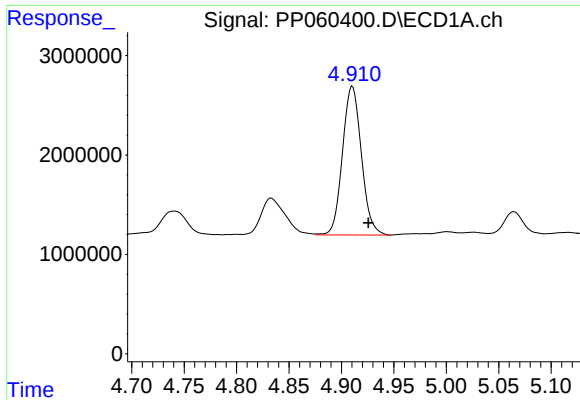
#10 AR-1221-3

R.T.: 4.911 min
Delta R.T.: 0.001 min
Response: 18801237
Conc: 309.59 ng/ml



#10 AR-1221-3

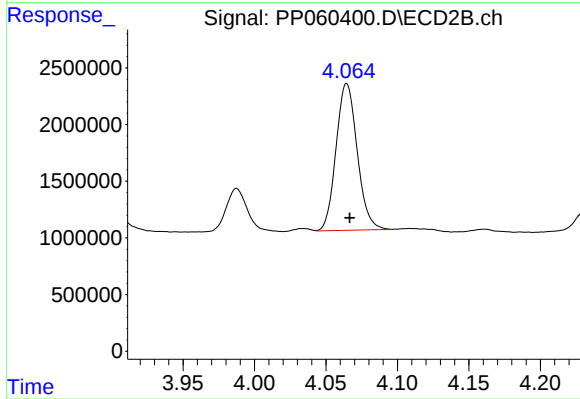
R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 13333866
Conc: 303.54 ng/ml



#11 AR-1232-1

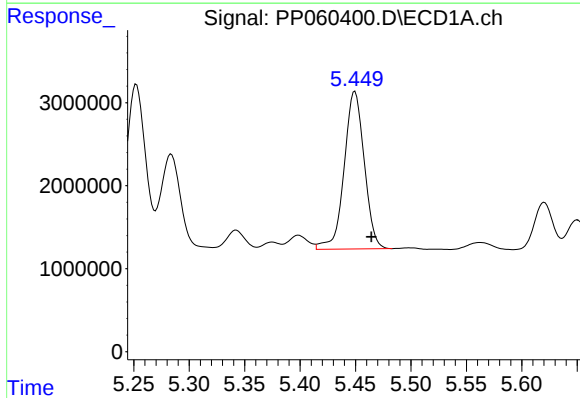
R.T.: 4.911 min
Delta R.T.: -0.015 min
Response: 18801237
Conc: 373.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



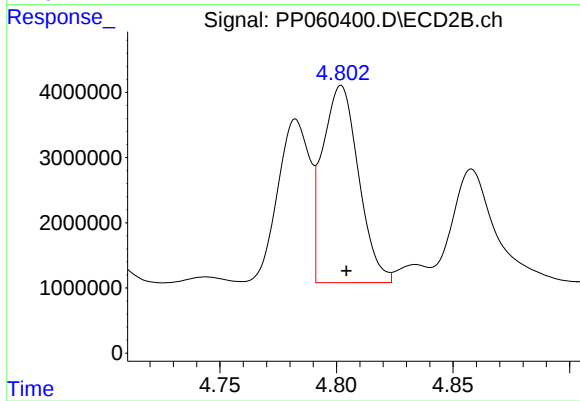
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 13333866
Conc: 366.42 ng/ml



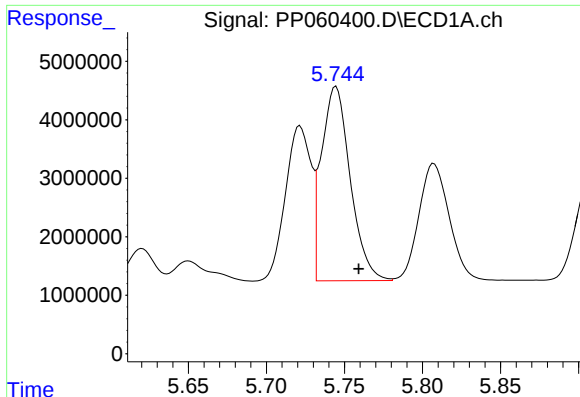
#12 AR-1232-2

R.T.: 5.449 min
Delta R.T.: -0.015 min
Response: 24020355
Conc: 877.21 ng/ml



#12 AR-1232-2

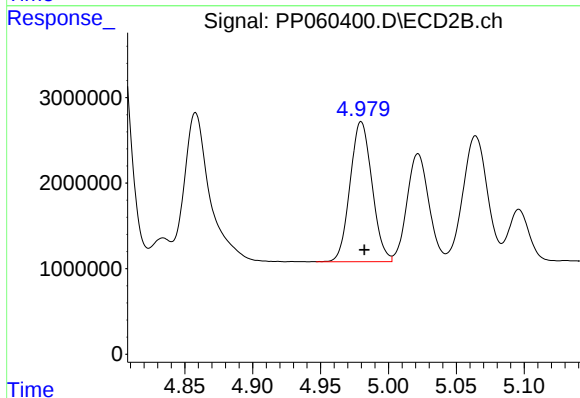
R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 32570901
Conc: 893.13 ng/ml



#13 AR-1232-3

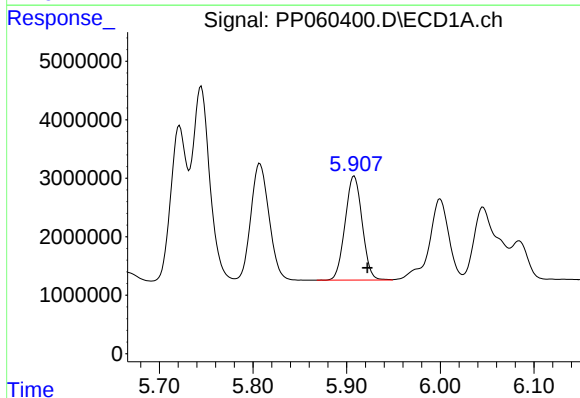
R.T.: 5.745 min
Delta R.T.: -0.015 min
Response: 42599698
Conc: 917.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



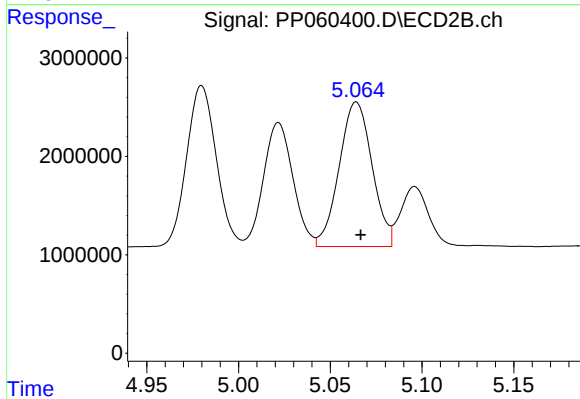
#13 AR-1232-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 18437679
Conc: 921.18 ng/ml



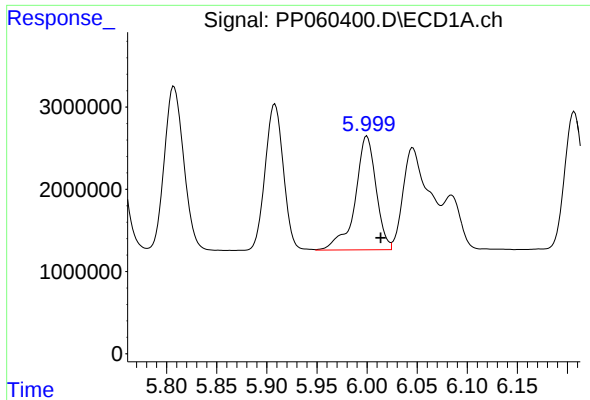
#14 AR-1232-4

R.T.: 5.908 min
Delta R.T.: -0.014 min
Response: 22506560
Conc: 915.66 ng/ml



#14 AR-1232-4

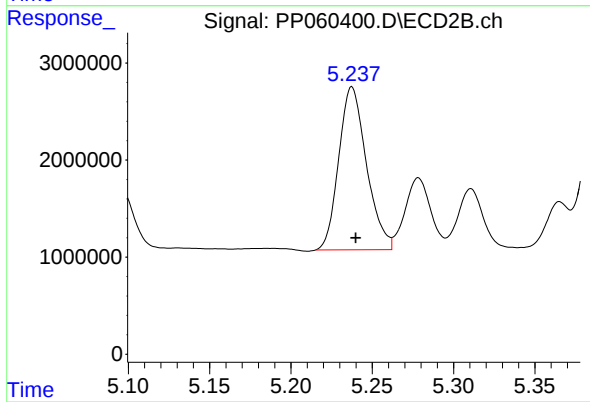
R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 18373843
Conc: 984.44 ng/ml



#15 AR-1232-5

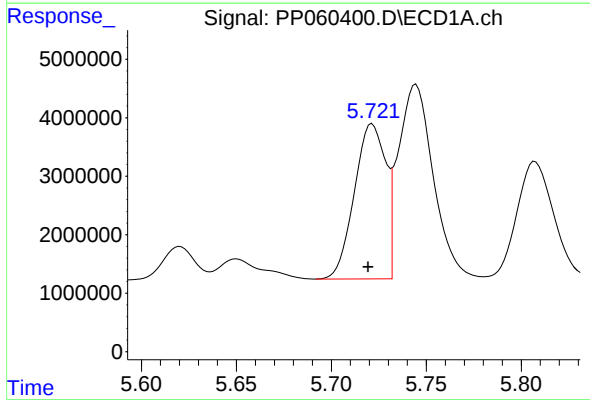
R.T.: 6.000 min
Delta R.T.: -0.014 min
Response: 20112440
Conc: 970.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



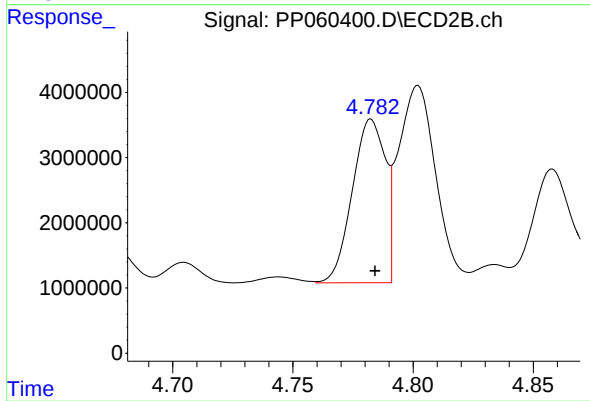
#15 AR-1232-5

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 19945303
Conc: 958.94 ng/ml



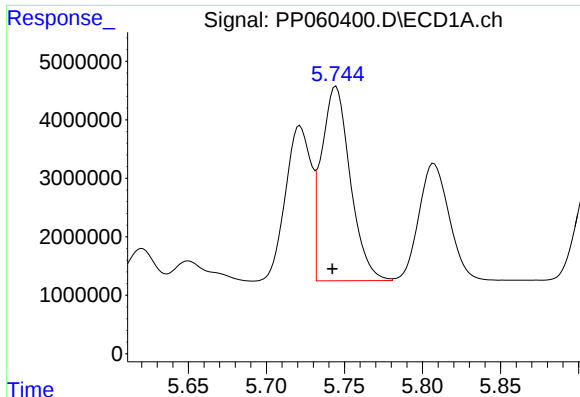
#16 AR-1242-1

R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 30337828
Conc: 474.72 ng/ml



#16 AR-1242-1

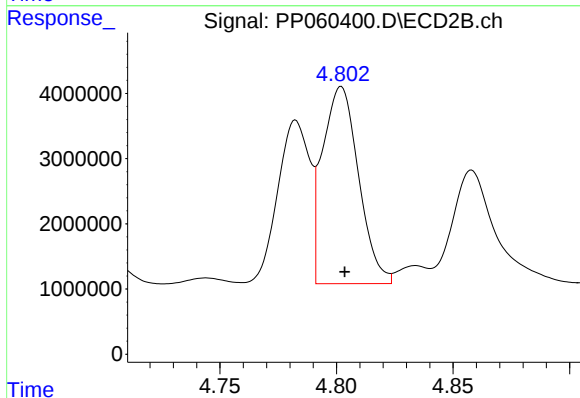
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 23993579
Conc: 473.93 ng/ml



#17 AR-1242-2

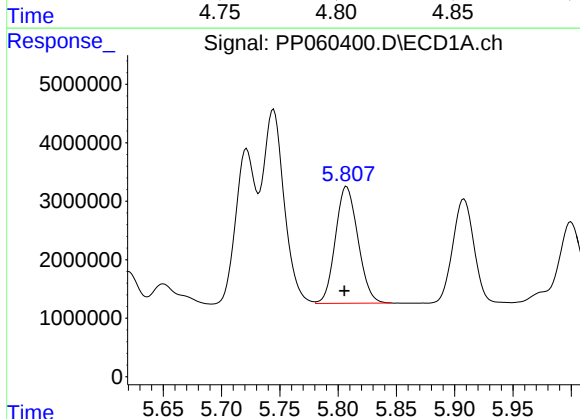
R.T.: 5.745 min
Delta R.T.: 0.002 min
Response: 42599698
Conc: 470.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



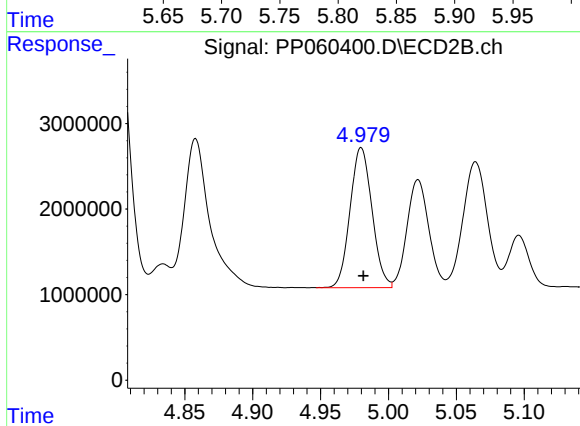
#17 AR-1242-2

R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 32570901
Conc: 469.02 ng/ml



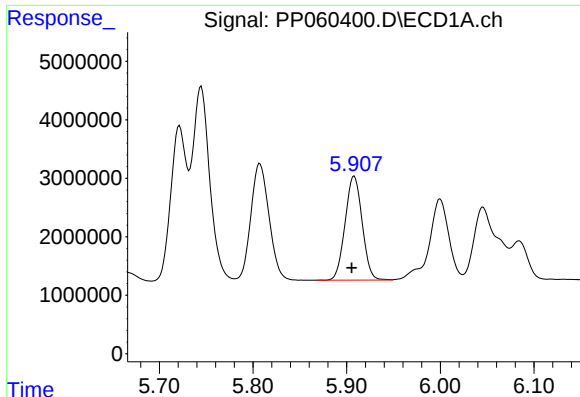
#18 AR-1242-3

R.T.: 5.807 min
Delta R.T.: 0.002 min
Response: 26856806
Conc: 477.02 ng/ml



#18 AR-1242-3

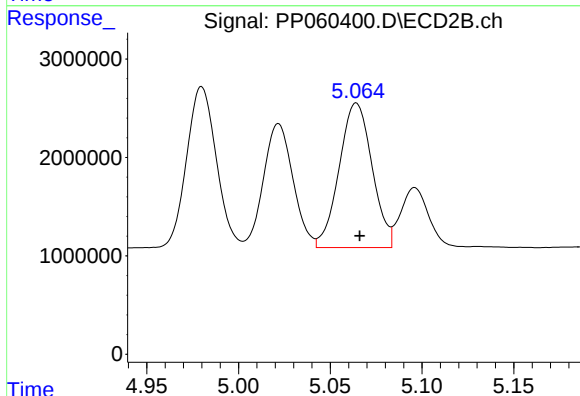
R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 18437679
Conc: 478.77 ng/ml



#19 AR-1242-4

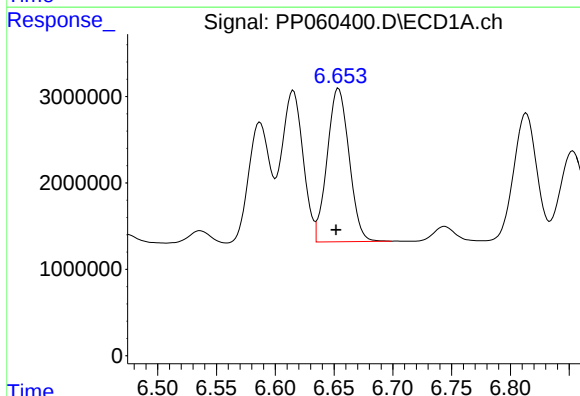
R.T.: 5.908 min
Delta R.T.: 0.003 min
Response: 22506560
Conc: 481.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



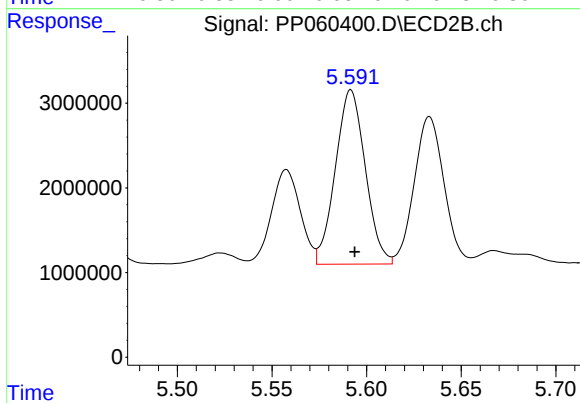
#19 AR-1242-4

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 18373843
Conc: 466.54 ng/ml



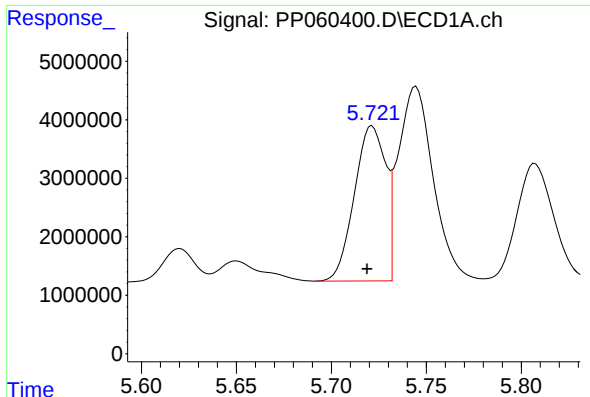
#20 AR-1242-5

R.T.: 6.654 min
Delta R.T.: 0.002 min
Response: 23041808
Conc: 458.12 ng/ml



#20 AR-1242-5

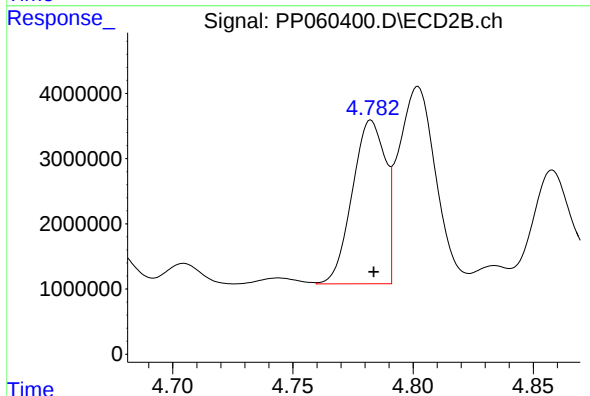
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 22672042
Conc: 463.48 ng/ml



#21 AR-1248-1

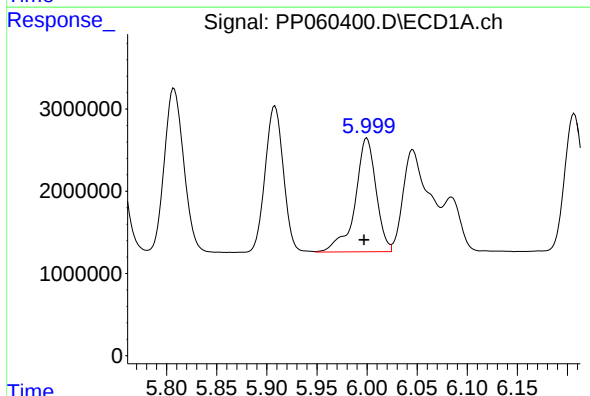
R.T.: 5.721 min
Delta R.T.: 0.003 min
Response: 30337828
Conc: 652.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



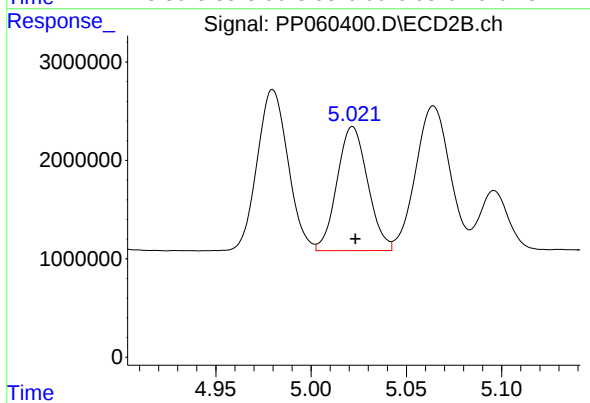
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: -0.001 min
Response: 23993579
Conc: 657.47 ng/ml



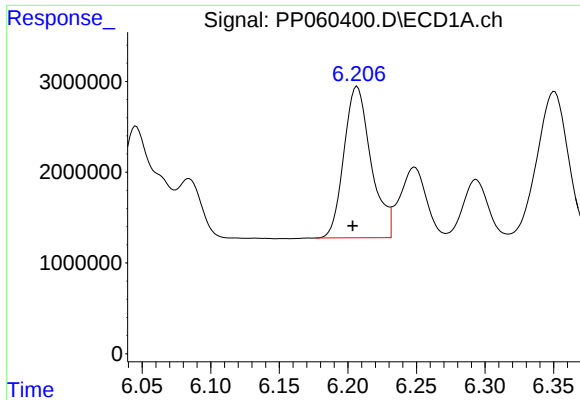
#22 AR-1248-2

R.T.: 6.000 min
Delta R.T.: 0.003 min
Response: 20112440
Conc: 290.08 ng/ml



#22 AR-1248-2

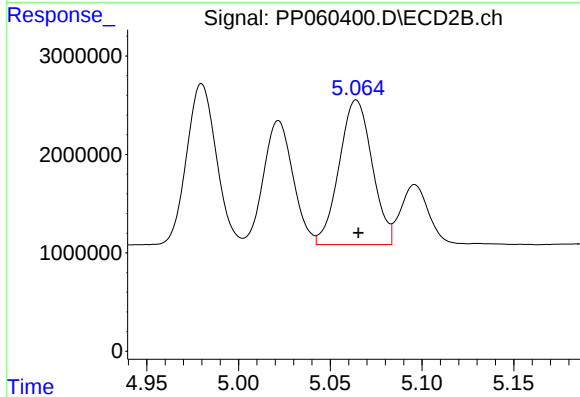
R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 14130087
Conc: 270.32 ng/ml



#23 AR-1248-3

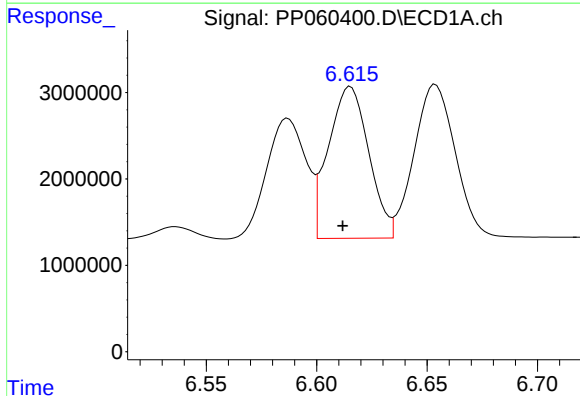
R.T.: 6.207 min
Delta R.T.: 0.003 min
Response: 22930723
Conc: 301.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



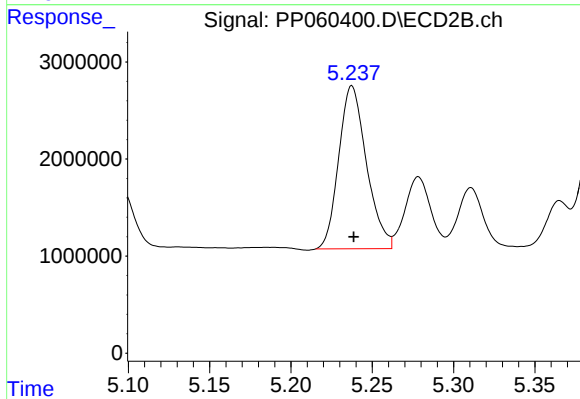
#23 AR-1248-3

R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 18373843
Conc: 330.92 ng/ml



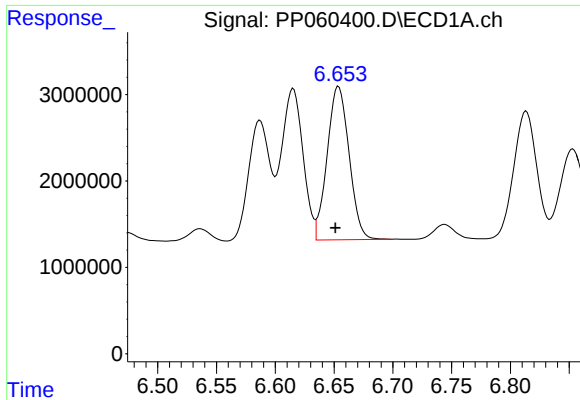
#24 AR-1248-4

R.T.: 6.615 min
Delta R.T.: 0.003 min
Response: 22331783
Conc: 270.01 ng/ml



#24 AR-1248-4

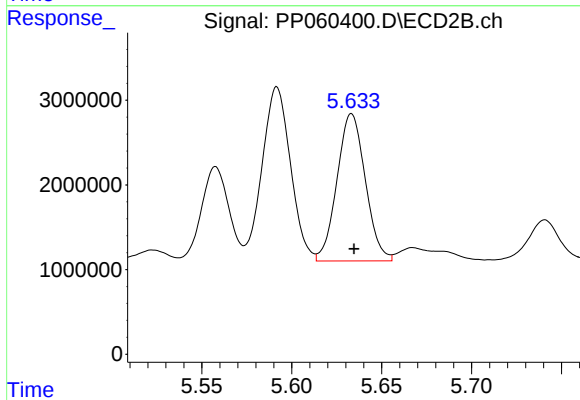
R.T.: 5.238 min
Delta R.T.: -0.001 min
Response: 19945303
Conc: 303.00 ng/ml



#25 AR-1248-5

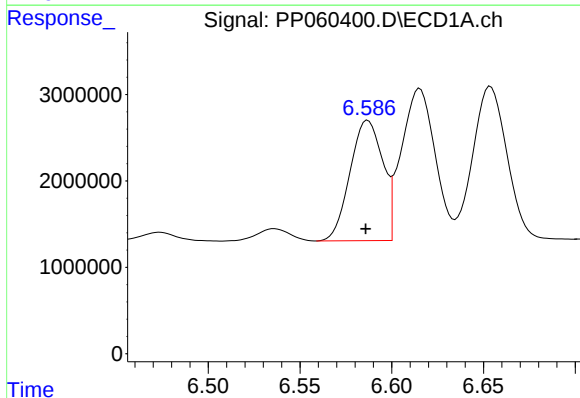
R.T.: 6.654 min
Delta R.T.: 0.003 min
Response: 23041808
Conc: 286.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



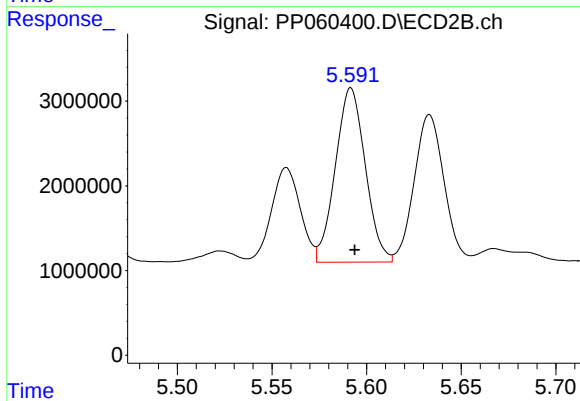
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 19085217
Conc: 296.71 ng/ml



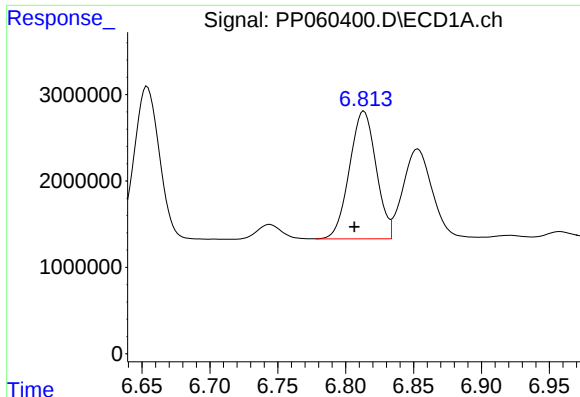
#26 AR-1254-1

R.T.: 6.587 min
Delta R.T.: 0.001 min
Response: 17302125
Conc: 202.74 ng/ml



#26 AR-1254-1

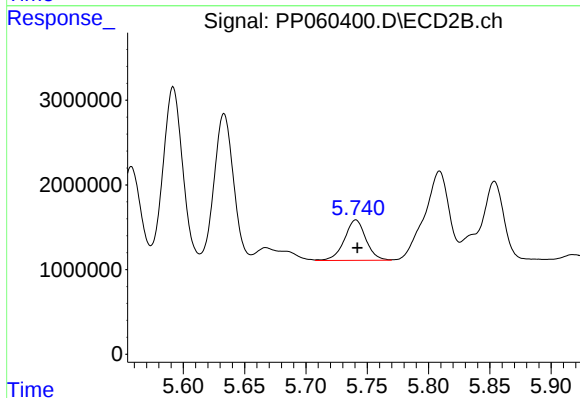
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 22672042
Conc: 229.20 ng/ml



#27 AR-1254-2

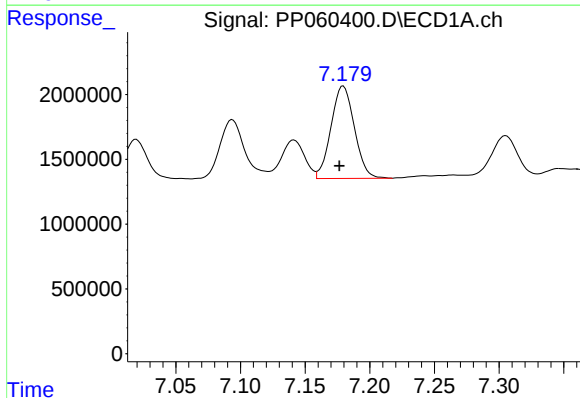
R.T.: 6.814 min
Delta R.T.: 0.007 min
Response: 20184982
Conc: 158.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



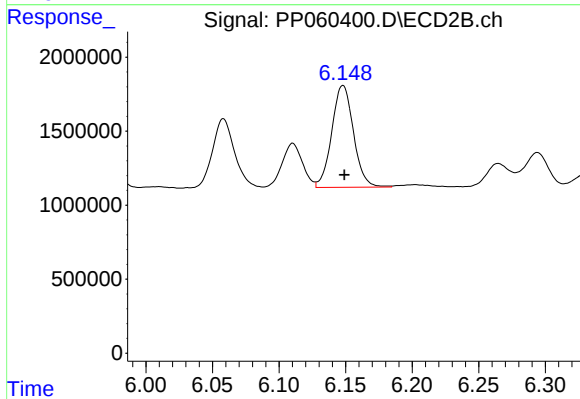
#27 AR-1254-2

R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 5808691
Conc: 67.59 ng/ml



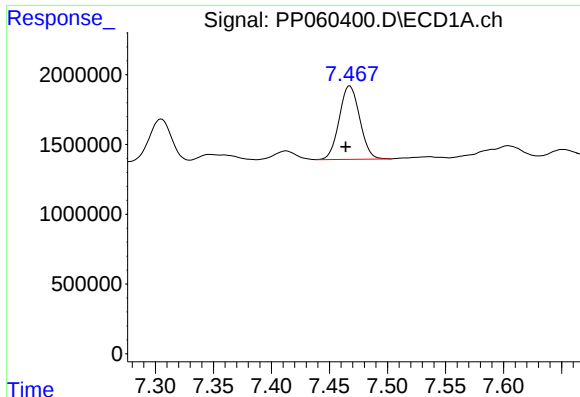
#28 AR-1254-3

R.T.: 7.180 min
Delta R.T.: 0.003 min
Response: 8977967
Conc: 67.55 ng/ml



#28 AR-1254-3

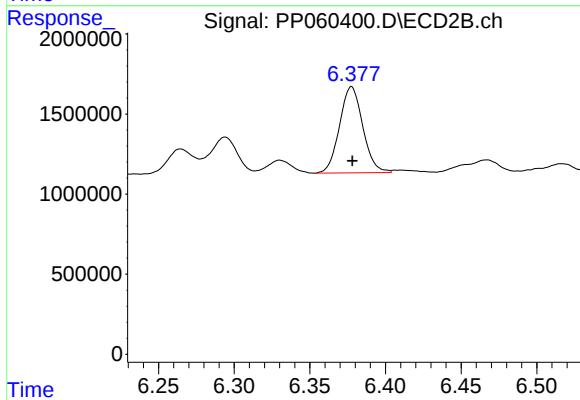
R.T.: 6.148 min
Delta R.T.: -0.001 min
Response: 7823866
Conc: 54.59 ng/ml



#29 AR-1254-4

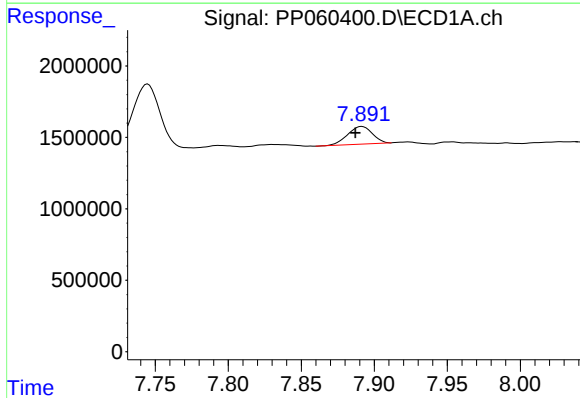
R.T.: 7.468 min
Delta R.T.: 0.003 min
Response: 6463182
Conc: 65.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



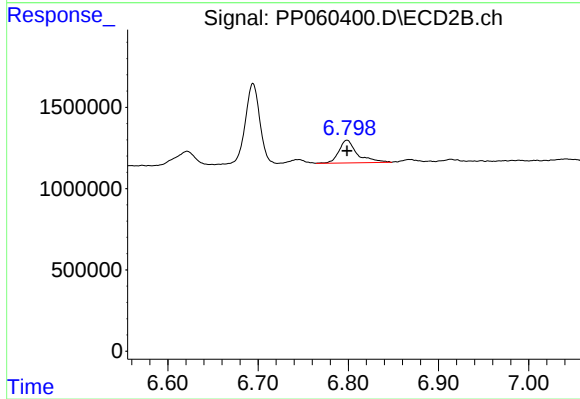
#29 AR-1254-4

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 5761588
Conc: 66.10 ng/ml



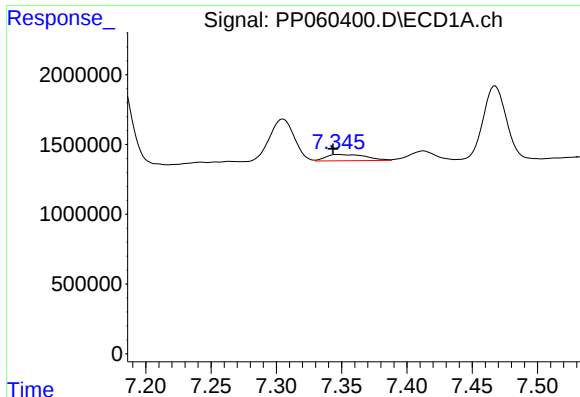
#30 AR-1254-5

R.T.: 7.892 min
Delta R.T.: 0.004 min
Response: 1445879
Conc: 13.35 ng/ml



#30 AR-1254-5

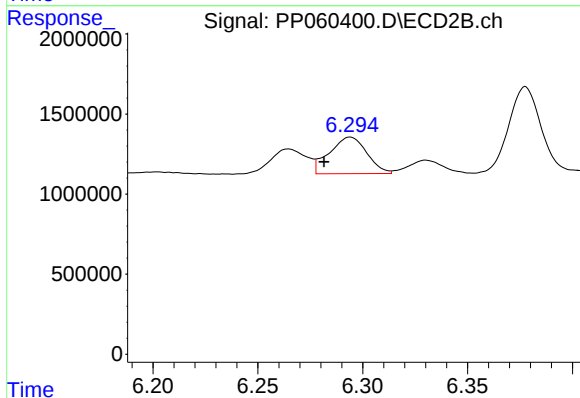
R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 1980027
Conc: 15.63 ng/ml



#31 AR-1260-1

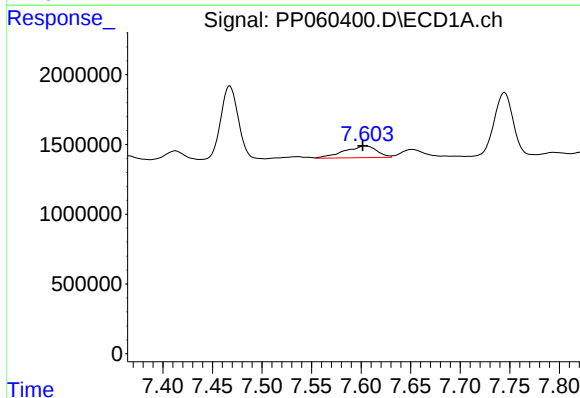
R.T.: 7.347 min
Delta R.T.: 0.003 min
Response: 953699
Conc: 9.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



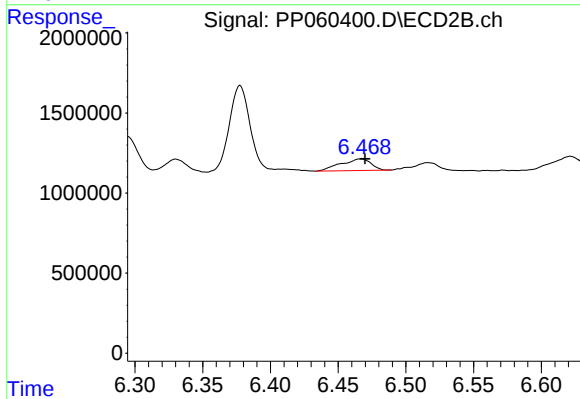
#31 AR-1260-1

R.T.: 6.294 min
Delta R.T.: 0.013 min
Response: 2835889
Conc: 28.25 ng/ml



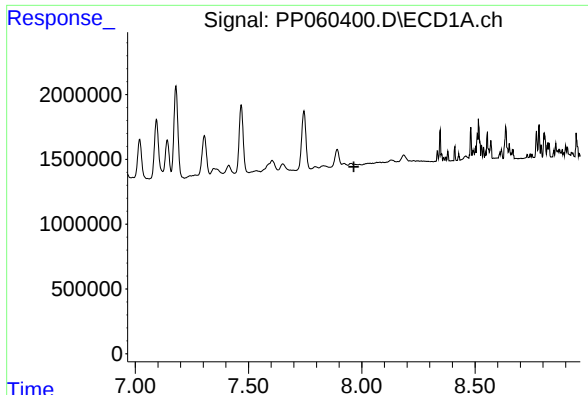
#32 AR-1260-2

R.T.: 7.604 min
Delta R.T.: 0.002 min
Response: 1947192
Conc: 16.10 ng/ml



#32 AR-1260-2

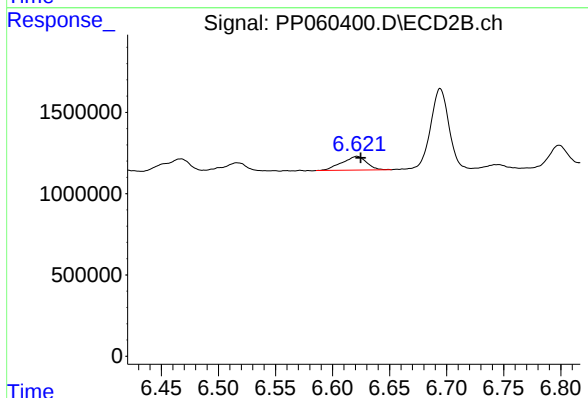
R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 1124784
Conc: 9.43 ng/ml



#33 AR-1260-3

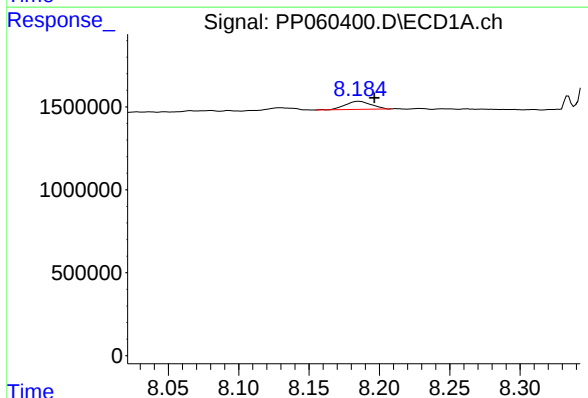
R.T.: 0.000 min
Exp R.T.: 7.965 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



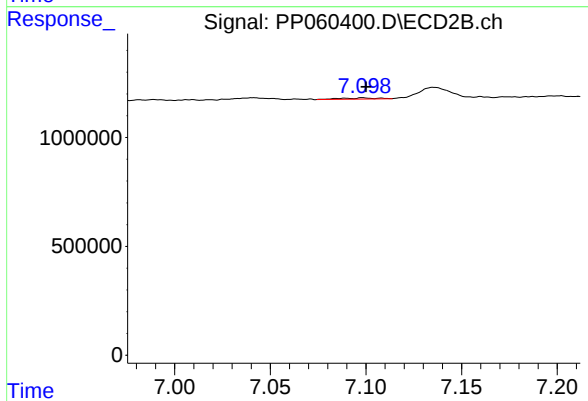
#33 AR-1260-3

R.T.: 6.621 min
Delta R.T.: -0.003 min
Response: 1281952
Conc: 11.20 ng/ml



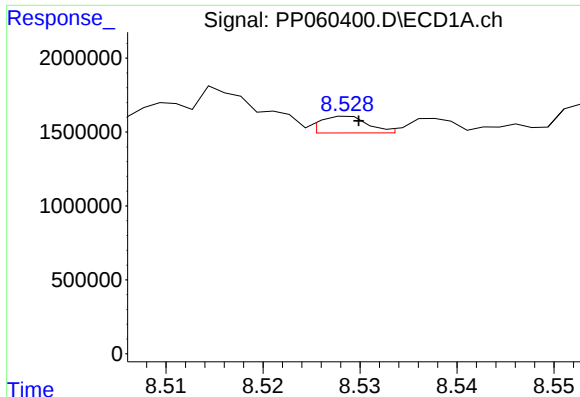
#34 AR-1260-4

R.T.: 8.185 min
Delta R.T.: -0.011 min
Response: 627765
Conc: 5.92 ng/ml



#34 AR-1260-4

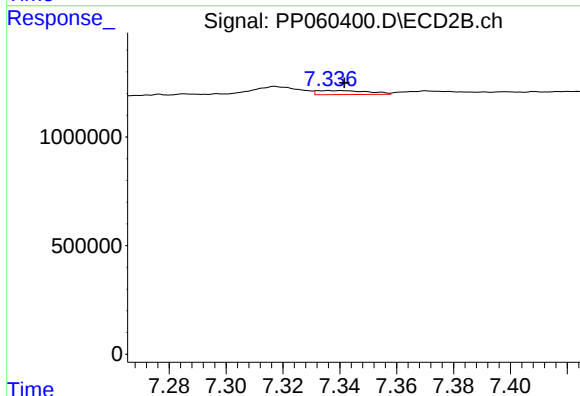
R.T.: 7.098 min
Delta R.T.: -0.002 min
Response: 72424
Conc: 0.76 ng/ml



#35 AR-1260-5

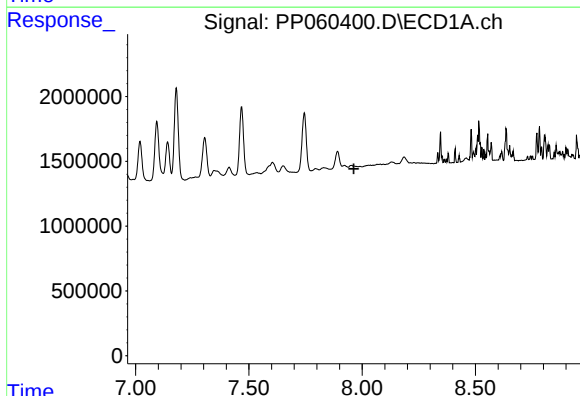
R.T.: 8.529 min
Delta R.T.: -0.001 min
Response: 377174
Conc: 1.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



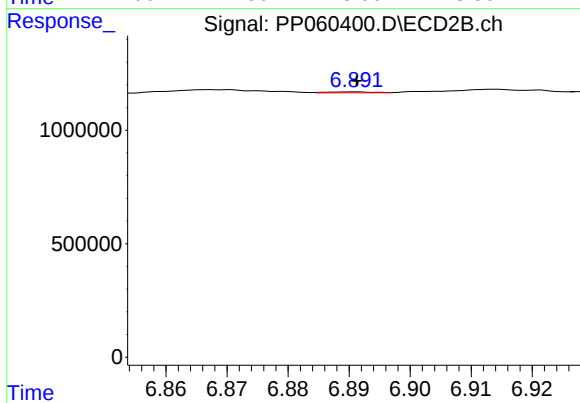
#35 AR-1260-5

R.T.: 7.340 min
Delta R.T.: -0.001 min
Response: 228324
Conc: 1.05 ng/ml



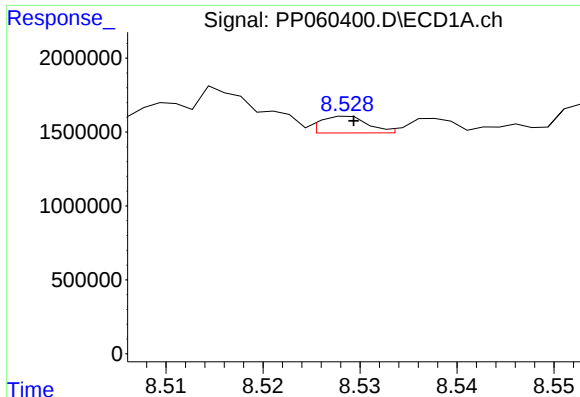
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.964 min
Response: 0
Conc: N.D.



#36 AR-1262-1

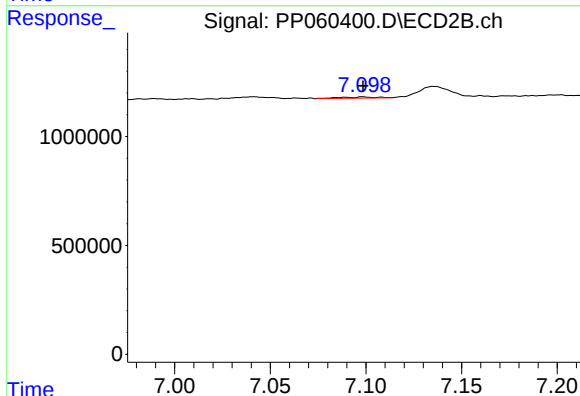
R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 21595
Conc: 0.40 ng/ml



#37 AR-1262-2

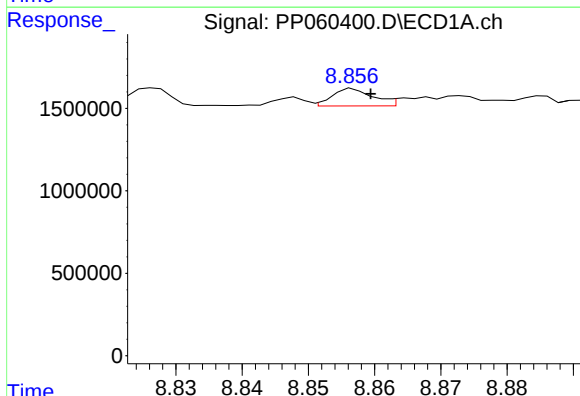
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 377174
Conc: 1.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



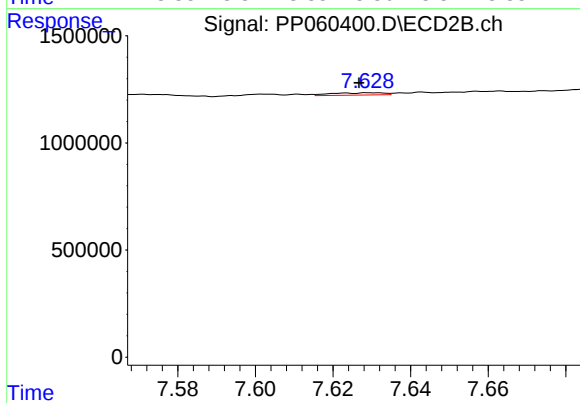
#37 AR-1262-2

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 72424
Conc: 0.61 ng/ml



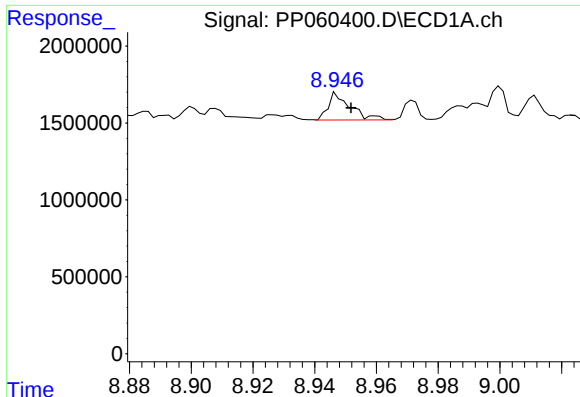
#38 AR-1262-3

R.T.: 8.857 min
Delta R.T.: -0.002 min
Response: 447365
Conc: 2.96 ng/ml



#38 AR-1262-3

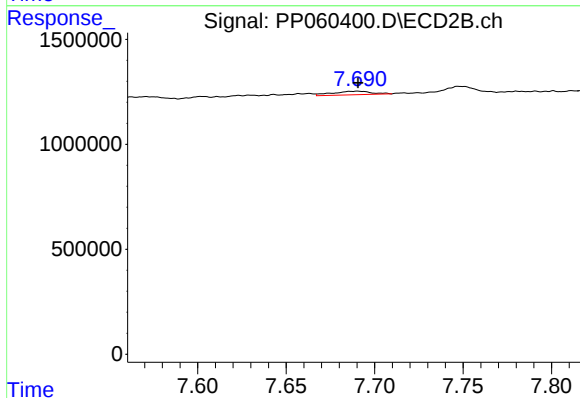
R.T.: 7.630 min
Delta R.T.: 0.003 min
Response: 100726
Conc: 1.09 ng/ml



#39 AR-1262-4

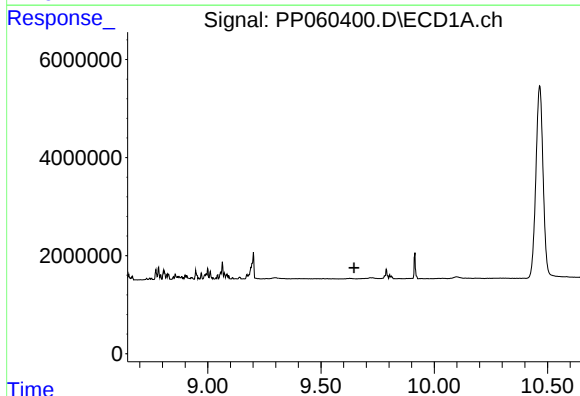
R.T.: 8.948 min
Delta R.T.: -0.004 min
Response: 890721
Conc: 7.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



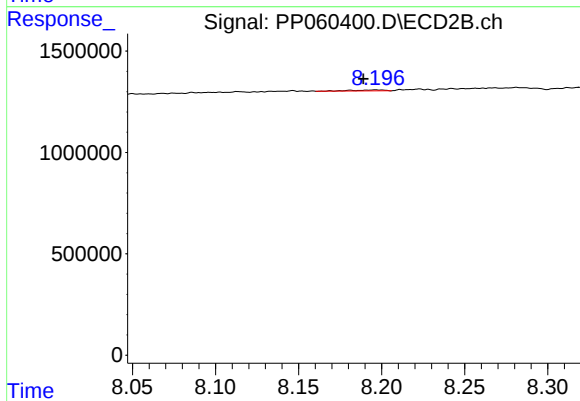
#39 AR-1262-4

R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 262340
Conc: 1.56 ng/ml



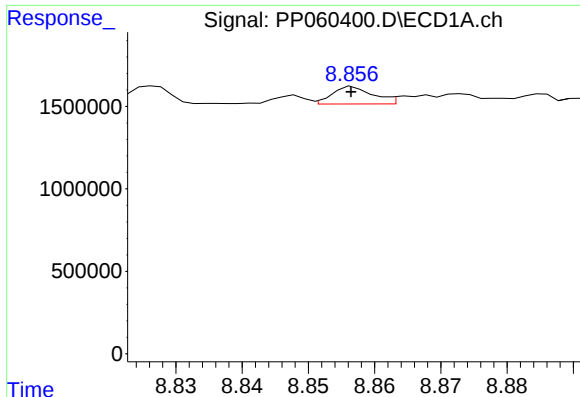
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

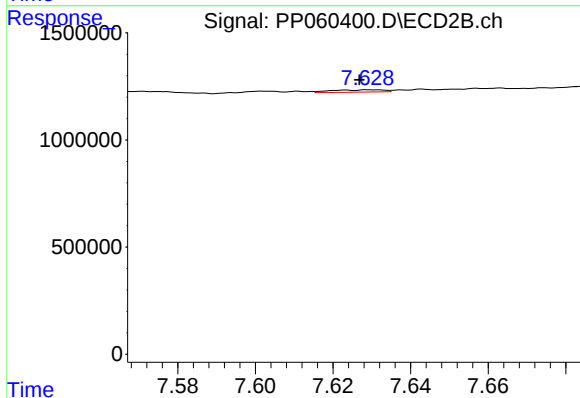
R.T.: 8.197 min
Delta R.T.: 0.008 min
Response: 67389
Conc: 0.87 ng/ml



#41 AR-1268-1

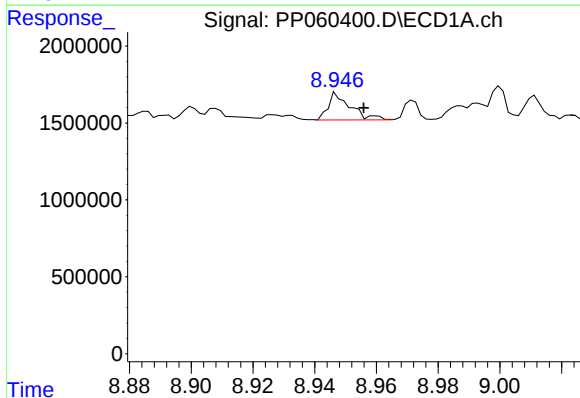
R.T.: 8.857 min
Delta R.T.: 0.000 min
Response: 447365
Conc: 1.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



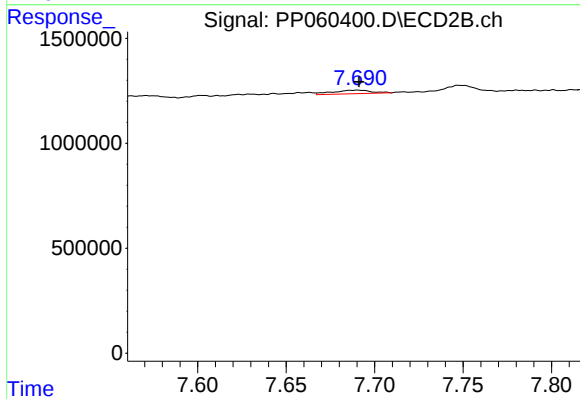
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: 0.003 min
Response: 100726
Conc: 0.37 ng/ml



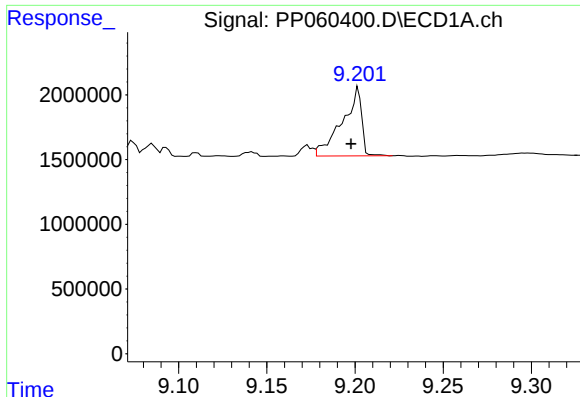
#42 AR-1268-2

R.T.: 8.948 min
Delta R.T.: -0.008 min
Response: 890721
Conc: 3.65 ng/ml



#42 AR-1268-2

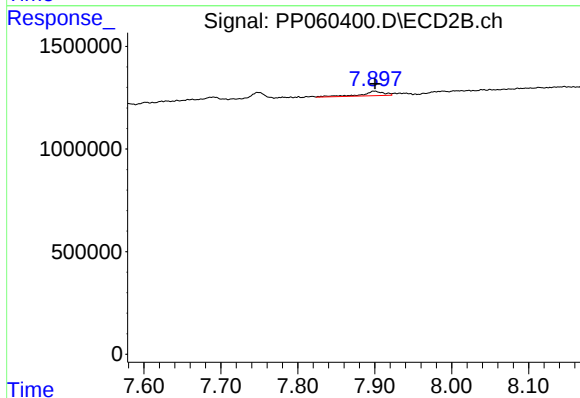
R.T.: 7.691 min
Delta R.T.: 0.000 min
Response: 262340
Conc: 1.08 ng/ml



#43 AR-1268-3

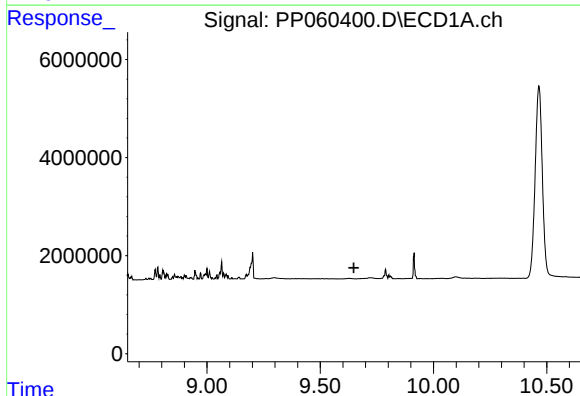
R.T.: 9.202 min
Delta R.T.: 0.004 min
Response: 4069209
Conc: 19.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



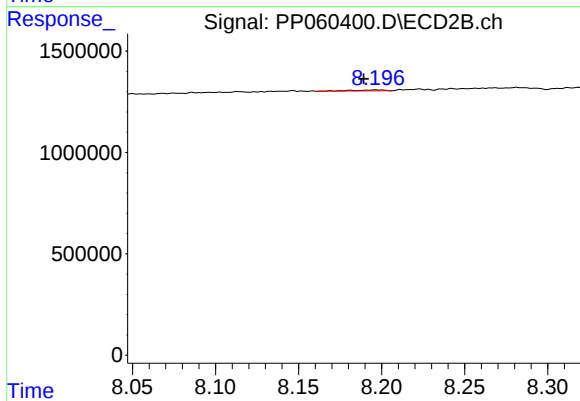
#43 AR-1268-3

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 434560
Conc: 2.03 ng/ml



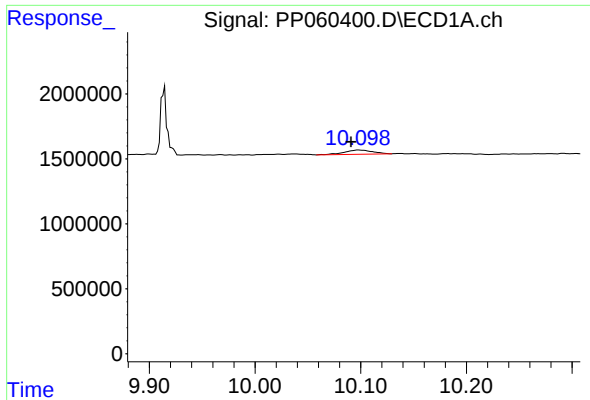
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.648 min
Response: 0
Conc: N.D.



#44 AR-1268-4

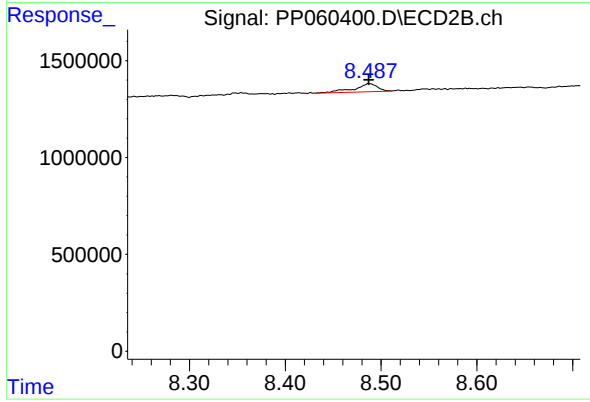
R.T.: 8.197 min
Delta R.T.: 0.008 min
Response: 67389
Conc: 0.77 ng/ml



#45 AR-1268-5

R.T.: 10.098 min
Delta R.T.: 0.007 min
Response: 607383
Conc: 0.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 713276
Conc: 1.14 ng/ml