

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112123\
 Data File : PP061877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2023 20:59
 Operator : YP\AJ
 Sample : 05501-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 00:29:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP111523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 16 04:03:35 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...	4.453	3.726	25292348	33904631	19.193	16.115
2) SA Decachlor...	10.241	8.850	22908821	32916044	22.692	20.167
Target Compounds						
3) L1 AR-1016-1	5.628	4.837	3766632	6270974	80.506	91.580
4) L1 AR-1016-2	5.650	4.858	5105143	6091354	71.612	64.386
5) L1 AR-1016-3	5.712	5.031	2881592	12302703	63.765	251.077 #
6) L1 AR-1016-4	5.809	5.080	2497352	15792176	68.442	364.081 #
7) L1 AR-1016-5	6.106	5.297	8280292	10601822	241.367	200.151
8) L2 AR-1221-1	0.000	3.975f	0	328226	N.D.	12.103 #
9) L2 AR-1221-2	4.759	4.022	452102	5266884	37.221	266.539 #
10) L2 AR-1221-3	4.841f	4.110	3057918	4499990	82.015	76.922
11) L3 AR-1232-1	4.841f	4.110	3057918	4499990	100.943	95.267
12) L3 AR-1232-2	5.359	4.858	3609966	6091354	208.588	146.370 #
13) L3 AR-1232-3	5.650	5.031	5105143	12302703	172.927	572.929 #
14) L3 AR-1232-4	5.809	5.122	2497352	7053064	173.945	332.080 #
15) L3 AR-1232-5	5.902	5.297	13306655	10601822	1018.577	472.934 #
16) L4 AR-1242-1	5.628	4.837	3766632	6270974	97.082	110.400
17) L4 AR-1242-2	5.650	4.858	5105143	6091354	87.415	78.617
18) L4 AR-1242-3	5.712	5.031	2881592	12302703	74.672	303.802 #
19) L4 AR-1242-4	5.809	5.122	2497352	7053064	81.654	160.273 #
20) L4 AR-1242-5	6.554	5.656	4406593	24418900	142.820	516.666 #
21) L5 AR-1248-1	5.628	4.837	3766632	6270974	138.858	154.098
22) L5 AR-1248-2	5.902	5.080	13306655	15792176	302.325	261.775
23) L5 AR-1248-3	6.106	5.122	8280292	7053064	170.346	113.096 #
24) L5 AR-1248-4	6.512	5.297	6759848	10601822	132.080	149.536
25) L5 AR-1248-5	6.554	5.656	4406593	24418900	84.753	272.209 #
26) L6 AR-1254-1	6.485	5.656	13332054	24418900	230.325	243.211
27) L6 AR-1254-2	6.706	5.806	15820301	15813239	183.011	173.655
28) L6 AR-1254-3	7.073	6.216	9820521	15616706	115.459	112.728
29) L6 AR-1254-4	7.359	6.448	10006514	8037587	191.157	119.495 #
30) L6 AR-1254-5	7.780	6.871	7548412	9162125	120.272	77.950 #
31) L7 AR-1260-1	7.234	6.349	12538503	10291782	180.734	102.306 #
32) L7 AR-1260-2	7.495	6.538	4660248	5438636	62.213	46.988
33) L7 AR-1260-3	0.000	6.694	0	4907693	N.D.	44.778 #
34) L7 AR-1260-4	8.068	7.172	3814542	911090	64.066	11.115 #
35) L7 AR-1260-5	8.430f	7.415	8906059	3100736	90.118	17.969 #
36) L8 AR-1262-1	0.000	6.966	0	767024	N.D.	14.376 #
37) L8 AR-1262-2	8.430f	7.172	8906059	911090	76.546	8.018 #
38) L8 AR-1262-3	8.736	0.000	495531	0	5.919	N.D. #
39) L8 AR-1262-4	8.806	7.753f	2804337	4598699	40.731	30.724
40) L8 AR-1262-5	0.000	8.260f	0	21687237	N.D.	367.466 #
41) L9 AR-1268-1	8.736f	0.000	495531	0	3.201	N.D. #

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 Quant Time: Nov 22 00:29:46 2023
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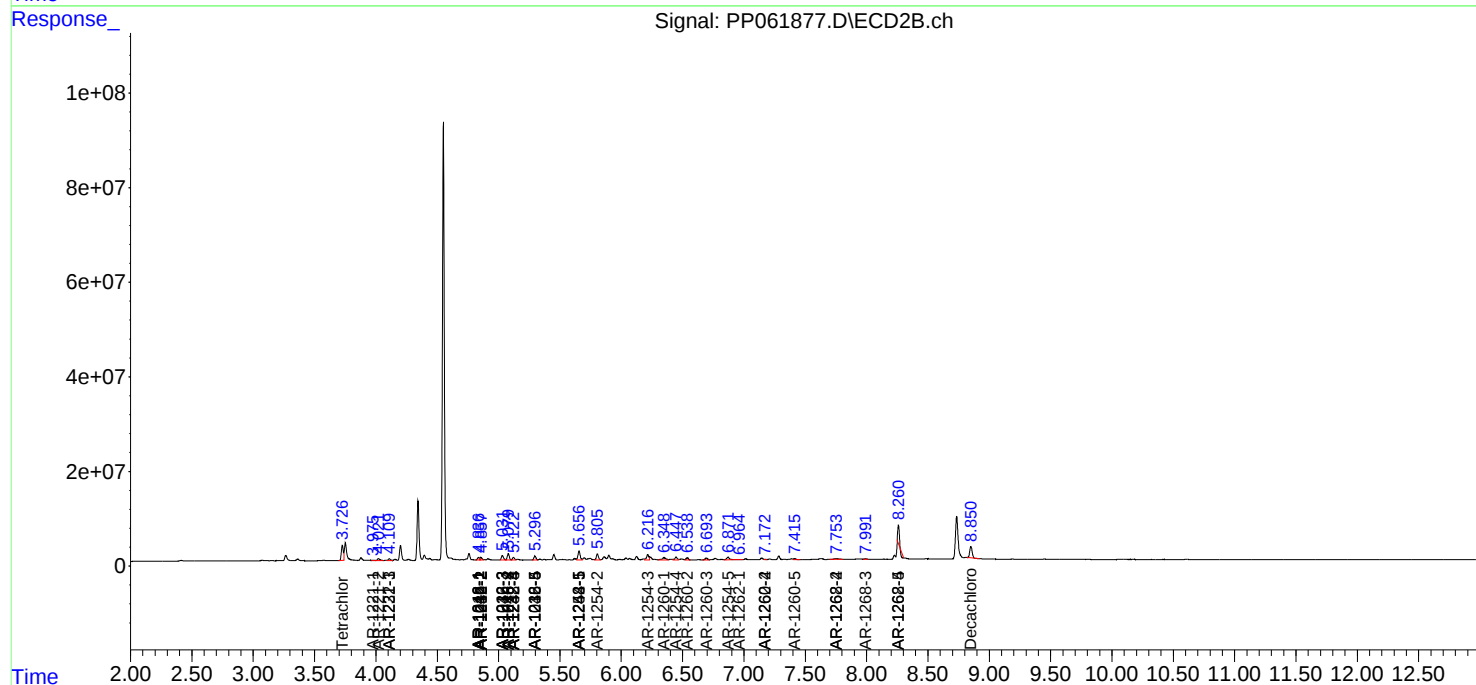
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

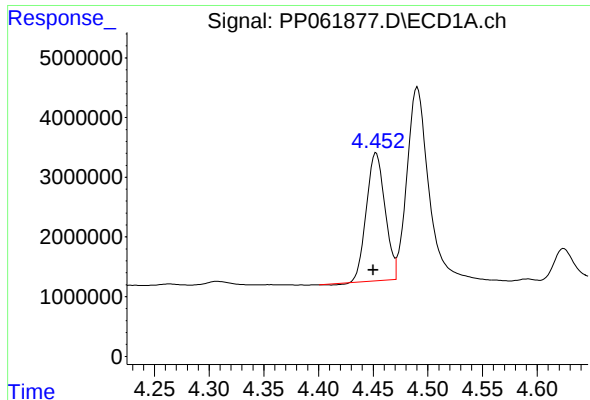
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.806	7.753f	2804337	4598699	19.320	20.994
43) L9	AR-1268-3	0.000	7.992	0	1979613	N.D.	9.781 #
44) L9	AR-1268-4	0.000	8.260f	0	21687237	N.D.	315.792 #
45) L9	AR-1268-5	9.878f	0.000	941361	0	2.742	N.D. #

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

Instrument :
ECD_P
ClientSampleId :

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

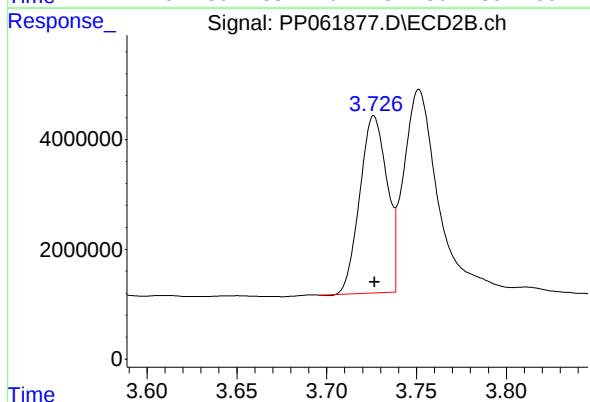




#1 Tetrachloro-m-xylene

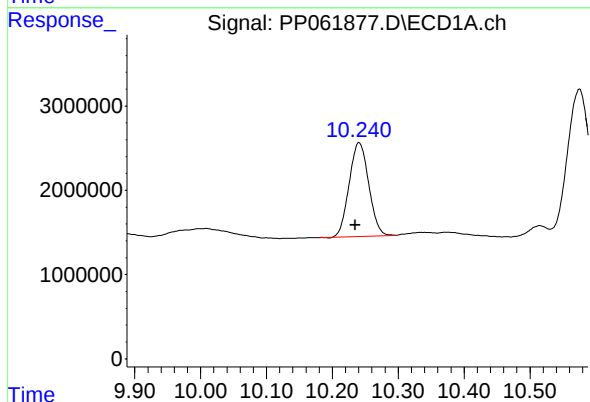
R.T.: 4.453 min
Delta R.T.: 0.003 min
Response: 25292348
Conc: 19.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



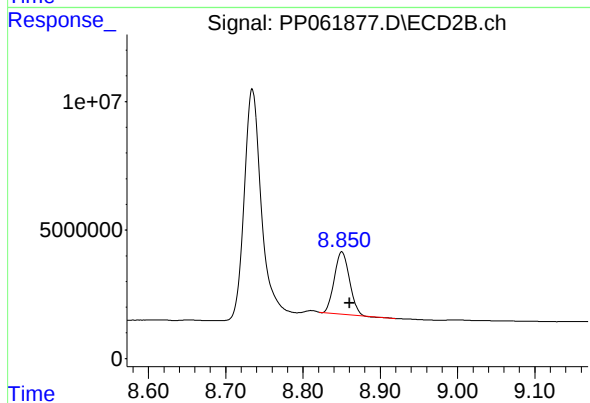
#1 Tetrachloro-m-xylene

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 33904631
Conc: 16.12 ng/ml



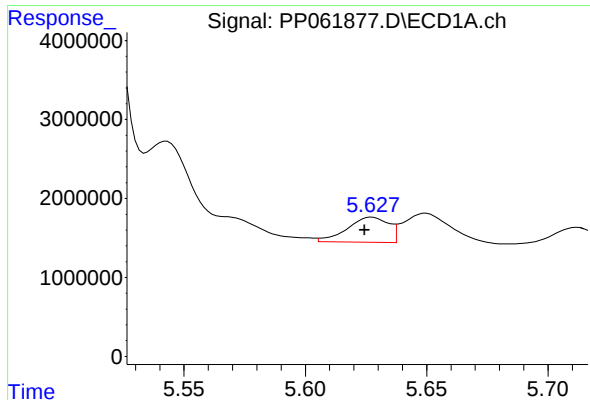
#2 Decachlorobiphenyl

R.T.: 10.241 min
Delta R.T.: 0.006 min
Response: 22908821
Conc: 22.69 ng/ml



#2 Decachlorobiphenyl

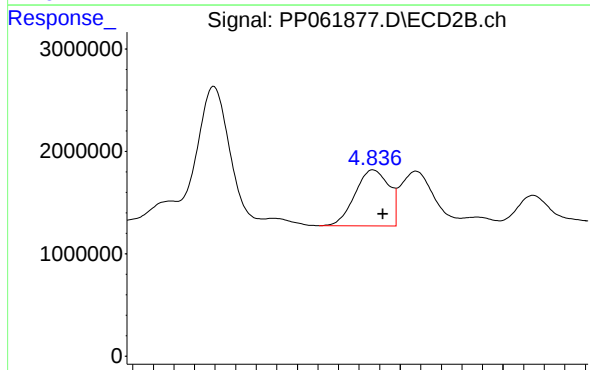
R.T.: 8.850 min
Delta R.T.: -0.010 min
Response: 32916044
Conc: 20.17 ng/ml



#3 AR-1016-1

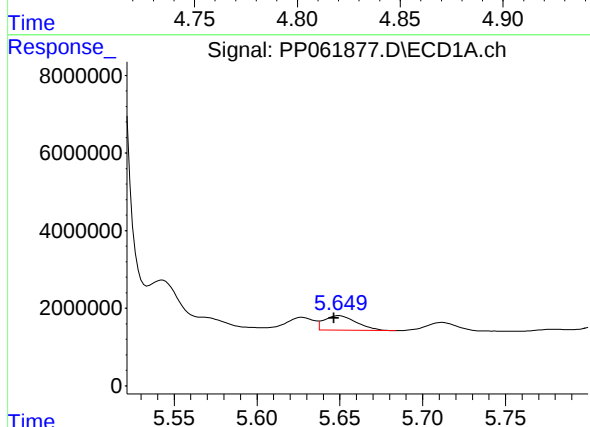
R.T.: 5.628 min
Delta R.T.: 0.003 min
Response: 3766632
Conc: 80.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



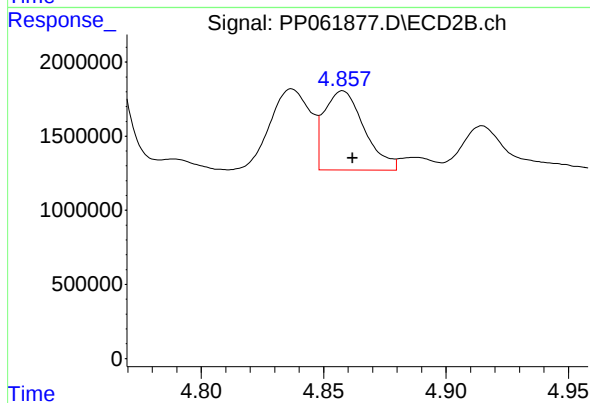
#3 AR-1016-1

R.T.: 4.837 min
Delta R.T.: -0.005 min
Response: 6270974
Conc: 91.58 ng/ml



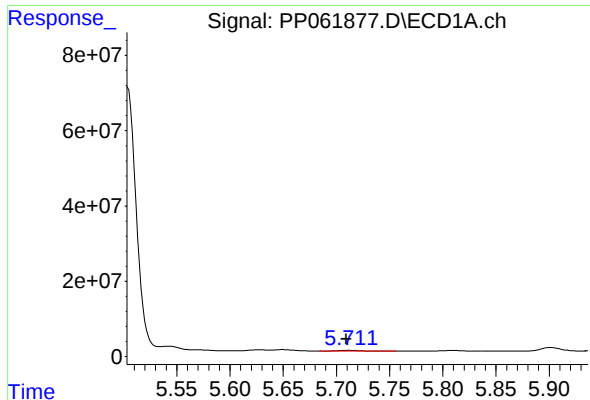
#4 AR-1016-2

R.T.: 5.650 min
Delta R.T.: 0.003 min
Response: 5105143
Conc: 71.61 ng/ml



#4 AR-1016-2

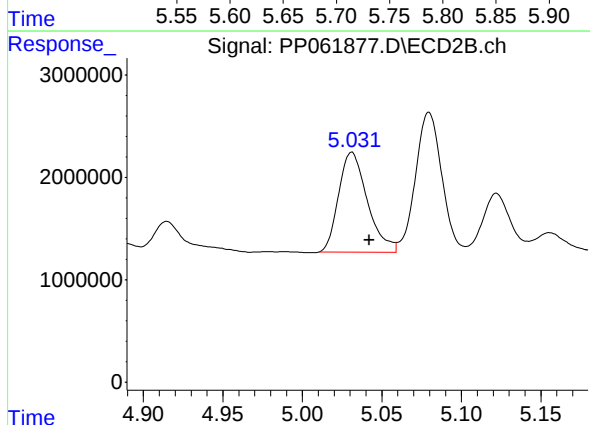
R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 6091354
Conc: 64.39 ng/ml



#5 AR-1016-3

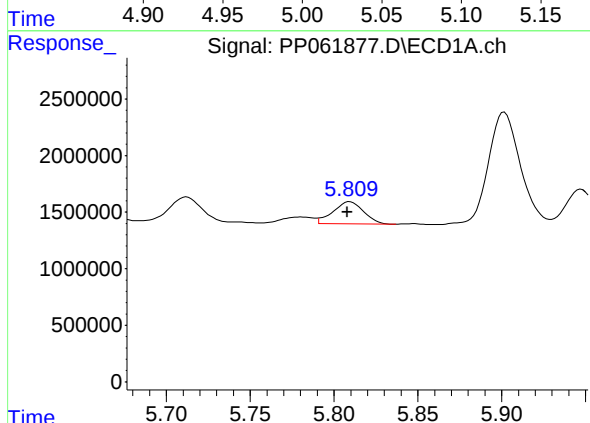
R.T.: 5.712 min
Delta R.T.: 0.003 min
Response: 2881592
Conc: 63.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



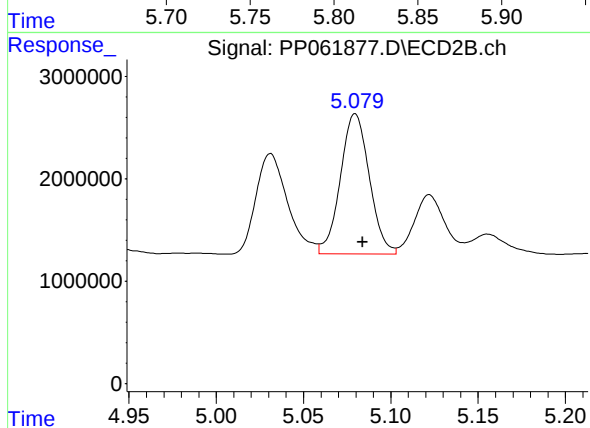
#5 AR-1016-3

R.T.: 5.031 min
Delta R.T.: -0.011 min
Response: 12302703
Conc: 251.08 ng/ml



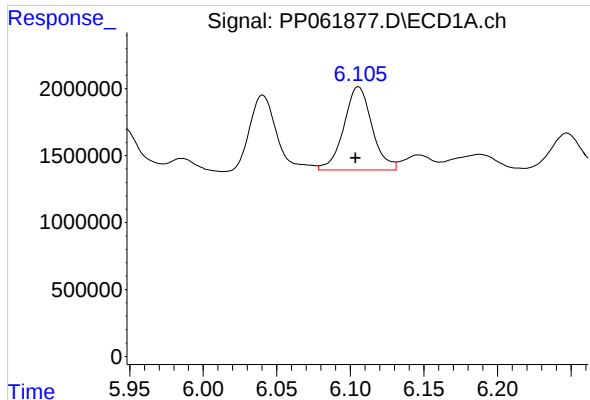
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 2497352
Conc: 68.44 ng/ml



#6 AR-1016-4

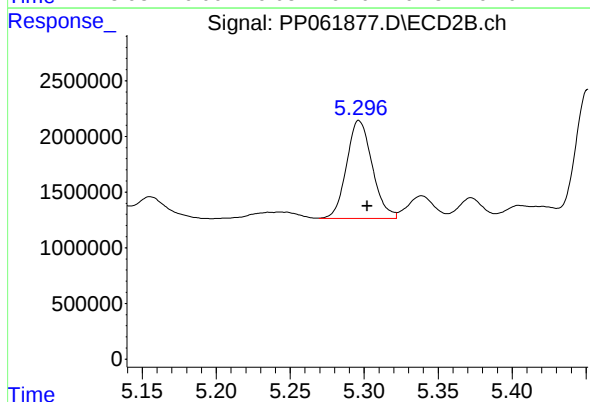
R.T.: 5.080 min
Delta R.T.: -0.004 min
Response: 15792176
Conc: 364.08 ng/ml



#7 AR-1016-5

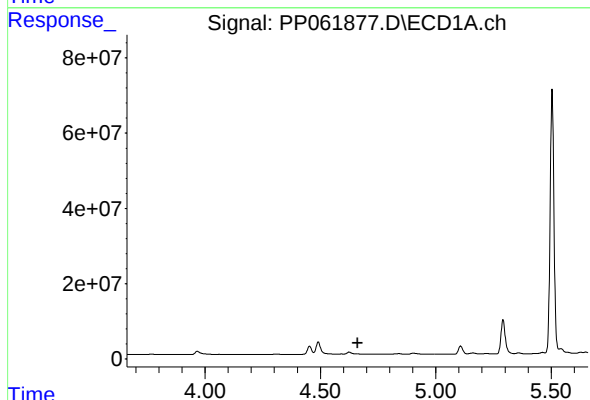
R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 8280292
Conc: 241.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



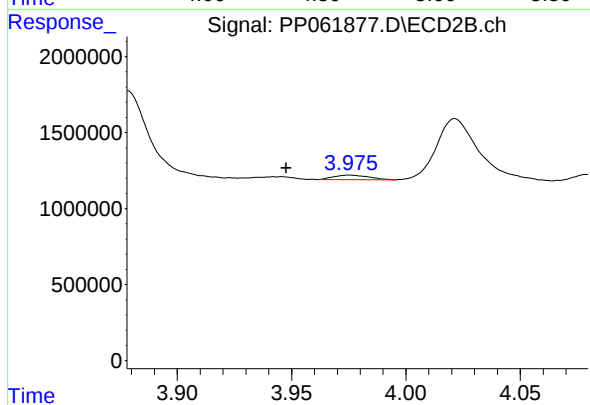
#7 AR-1016-5

R.T.: 5.297 min
Delta R.T.: -0.006 min
Response: 10601822
Conc: 200.15 ng/ml



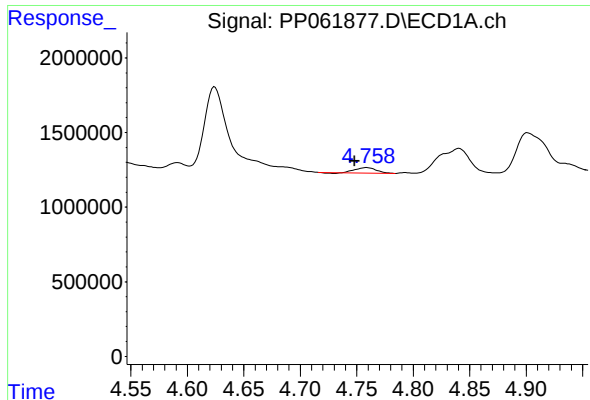
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.660 min
Response: 0
Conc: N.D.



#8 AR-1221-1

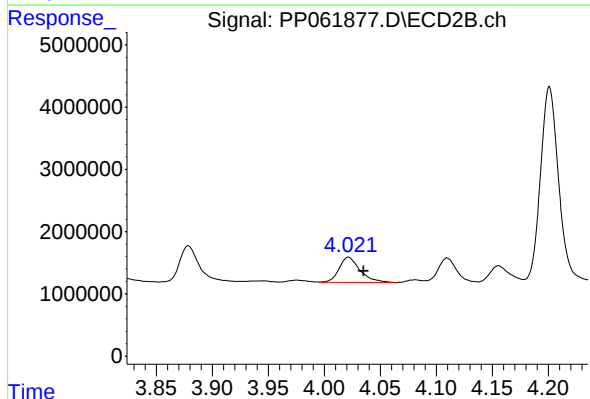
R.T.: 3.975 min
Delta R.T.: 0.028 min
Response: 328226
Conc: 12.10 ng/ml



#9 AR-1221-2

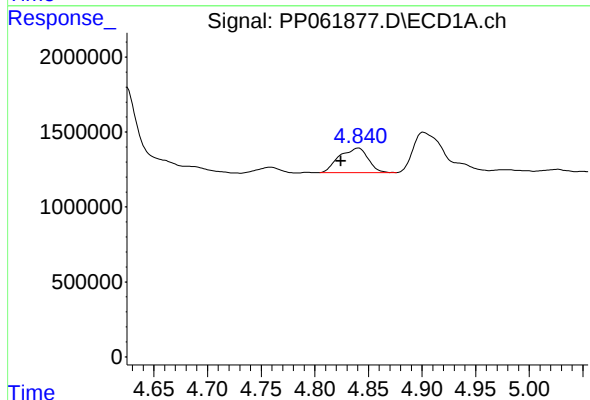
R.T.: 4.759 min
Delta R.T.: 0.011 min
Response: 452102
Conc: 37.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



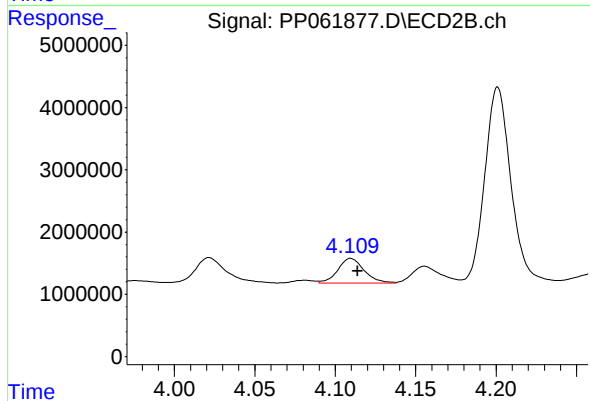
#9 AR-1221-2

R.T.: 4.022 min
Delta R.T.: -0.014 min
Response: 5266884
Conc: 266.54 ng/ml



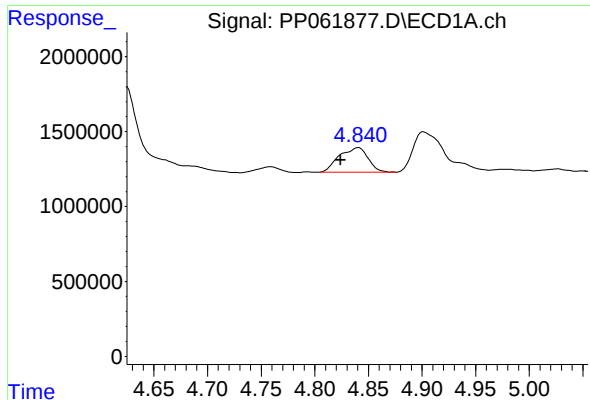
#10 AR-1221-3

R.T.: 4.841 min
Delta R.T.: 0.016 min
Response: 3057918
Conc: 82.01 ng/ml



#10 AR-1221-3

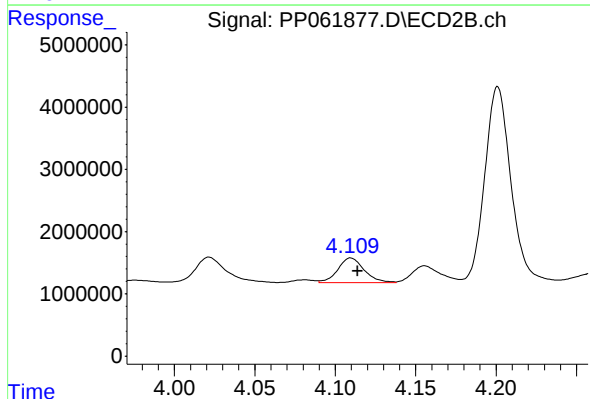
R.T.: 4.110 min
Delta R.T.: -0.004 min
Response: 4499990
Conc: 76.92 ng/ml



#11 AR-1232-1

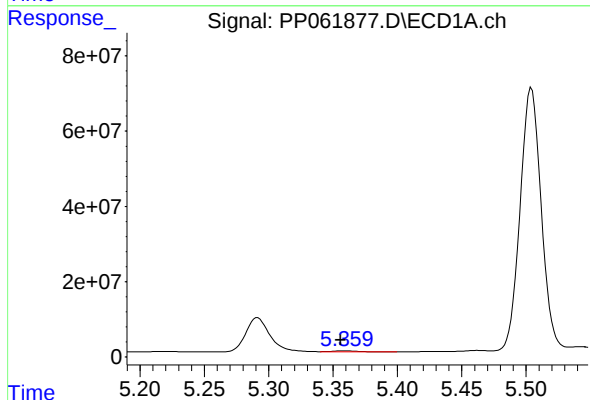
R.T.: 4.841 min
Delta R.T.: 0.017 min
Response: 3057918
Conc: 100.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



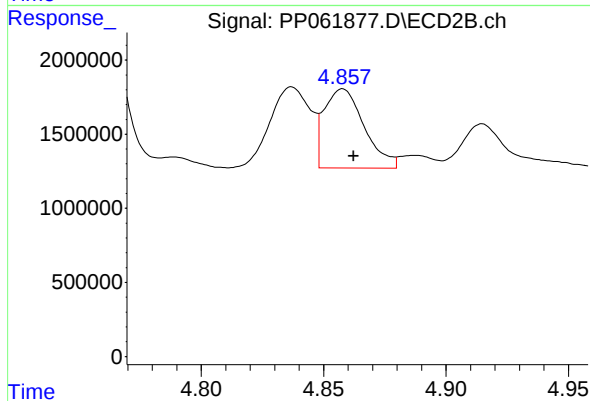
#11 AR-1232-1

R.T.: 4.110 min
Delta R.T.: -0.004 min
Response: 4499990
Conc: 95.27 ng/ml



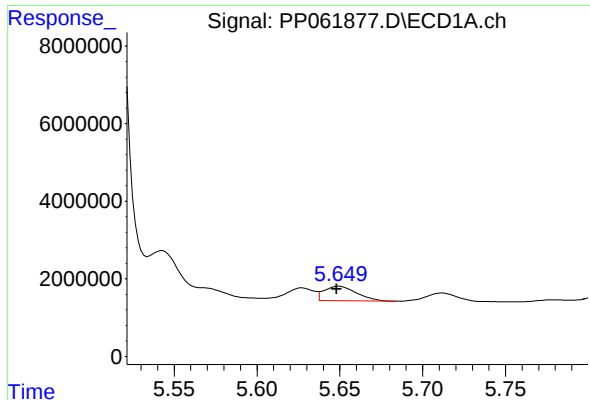
#12 AR-1232-2

R.T.: 5.359 min
Delta R.T.: 0.003 min
Response: 3609966
Conc: 208.59 ng/ml



#12 AR-1232-2

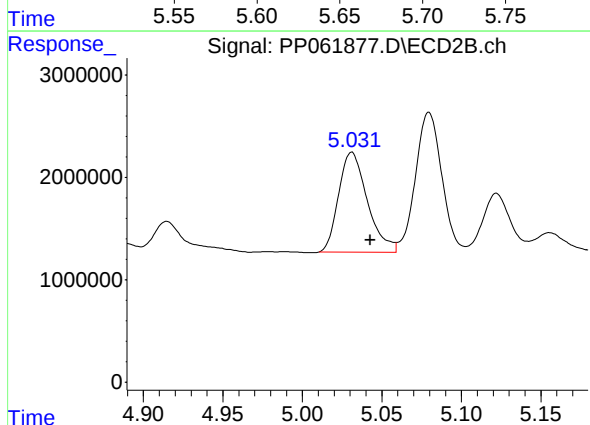
R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 6091354
Conc: 146.37 ng/ml



#13 AR-1232-3

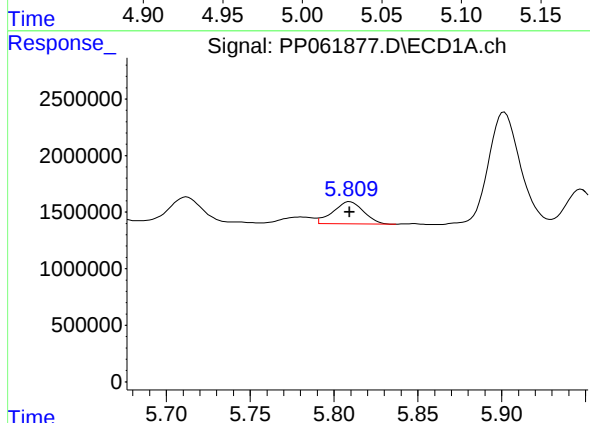
R.T.: 5.650 min
Delta R.T.: 0.002 min
Response: 5105143
Conc: 172.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



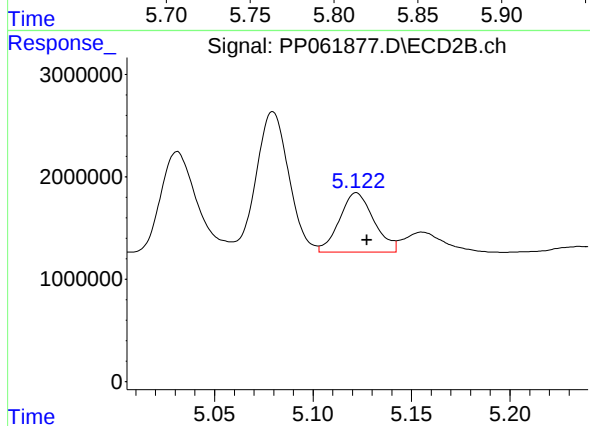
#13 AR-1232-3

R.T.: 5.031 min
Delta R.T.: -0.011 min
Response: 12302703
Conc: 572.93 ng/ml



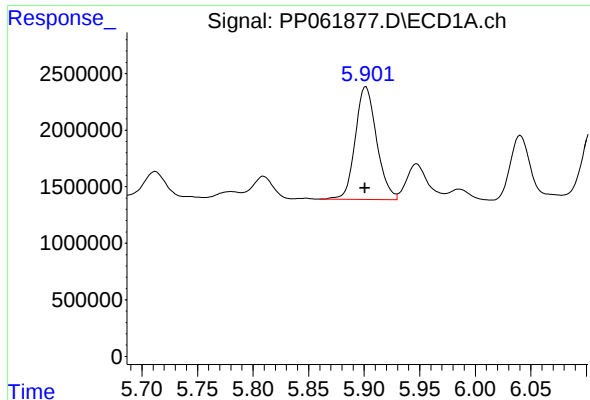
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 2497352
Conc: 173.95 ng/ml



#14 AR-1232-4

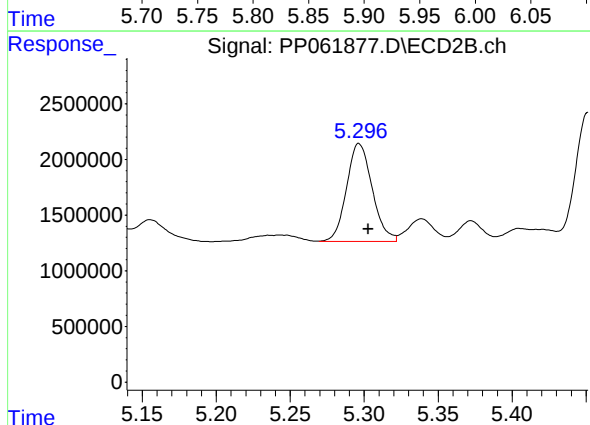
R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 7053064
Conc: 332.08 ng/ml



#15 AR-1232-5

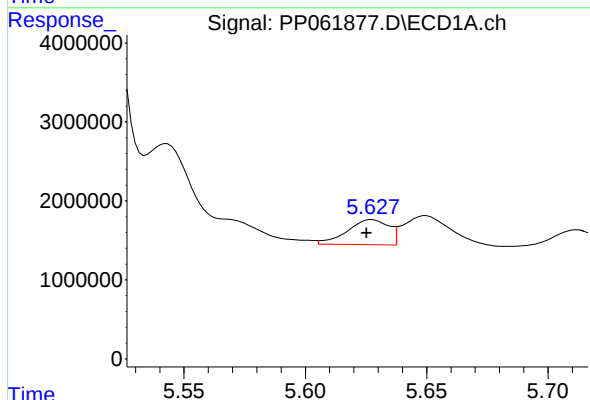
R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 13306655
Conc: 1018.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



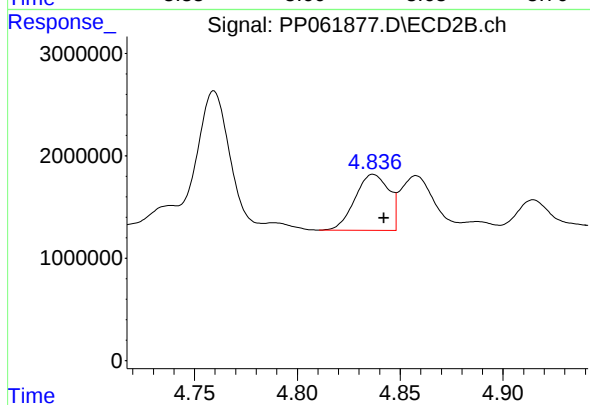
#15 AR-1232-5

R.T.: 5.297 min
Delta R.T.: -0.006 min
Response: 10601822
Conc: 472.93 ng/ml



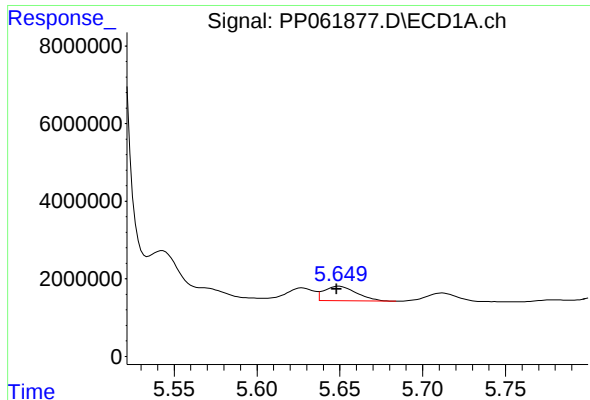
#16 AR-1242-1

R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 3766632
Conc: 97.08 ng/ml



#16 AR-1242-1

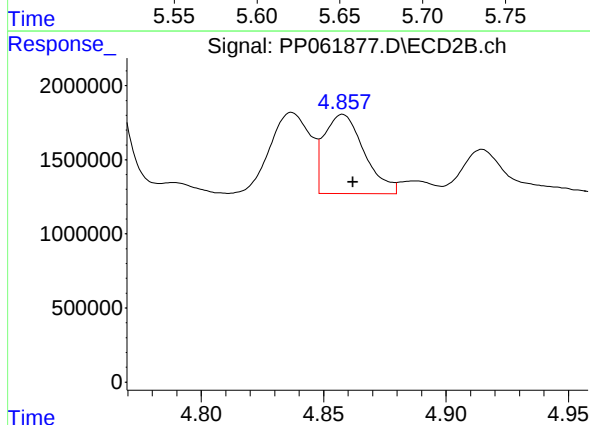
R.T.: 4.837 min
Delta R.T.: -0.005 min
Response: 6270974
Conc: 110.40 ng/ml



#17 AR-1242-2

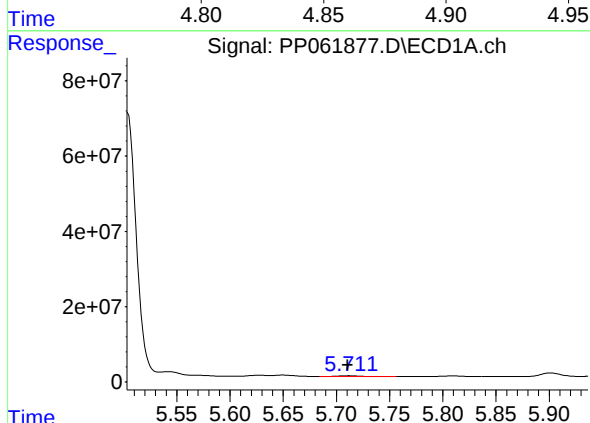
R.T.: 5.650 min
Delta R.T.: 0.002 min
Response: 5105143
Conc: 87.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



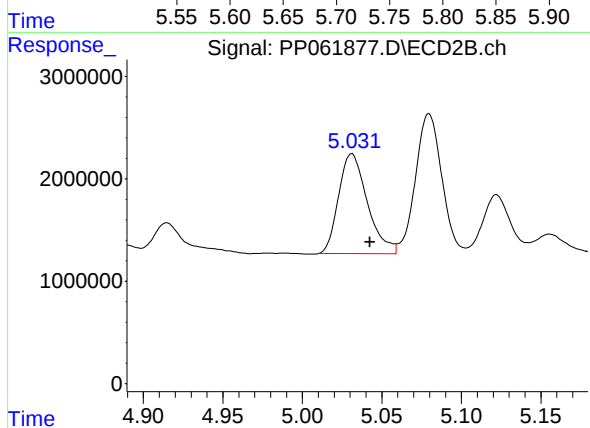
#17 AR-1242-2

R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 6091354
Conc: 78.62 ng/ml



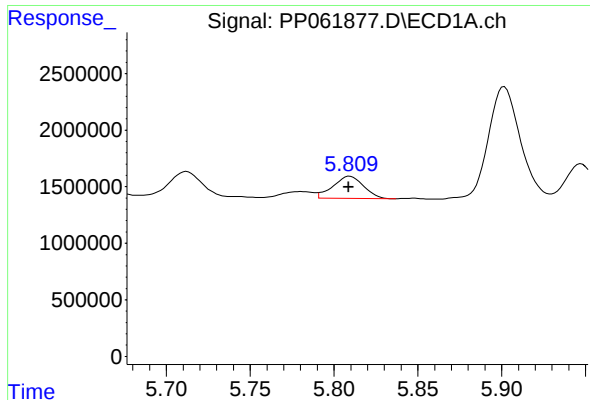
#18 AR-1242-3

R.T.: 5.712 min
Delta R.T.: 0.001 min
Response: 2881592
Conc: 74.67 ng/ml



#18 AR-1242-3

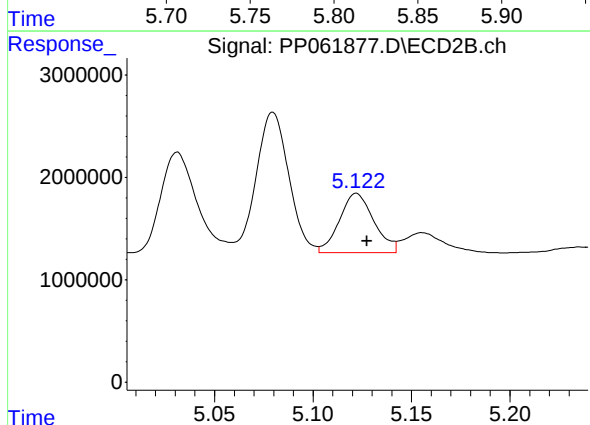
R.T.: 5.031 min
Delta R.T.: -0.011 min
Response: 12302703
Conc: 303.80 ng/ml



#19 AR-1242-4

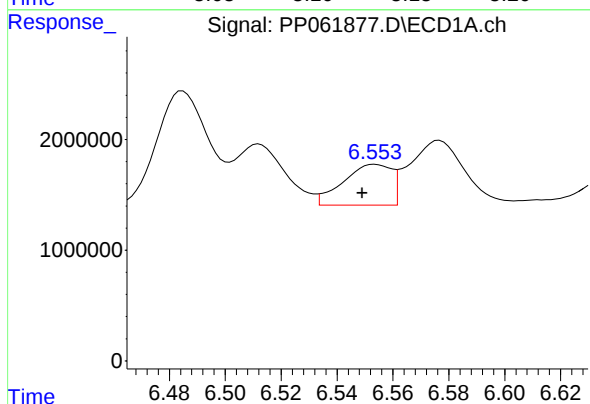
R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 2497352
Conc: 81.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



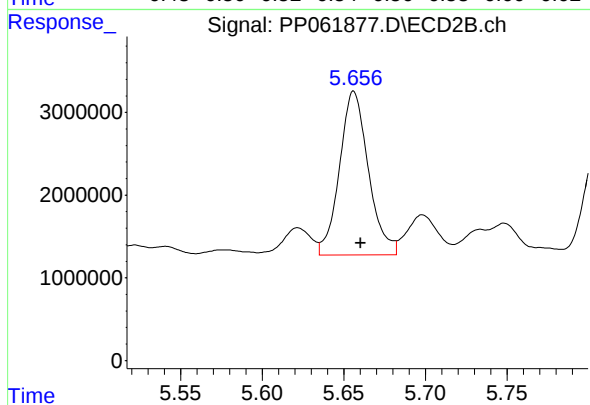
#19 AR-1242-4

R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 7053064
Conc: 160.27 ng/ml



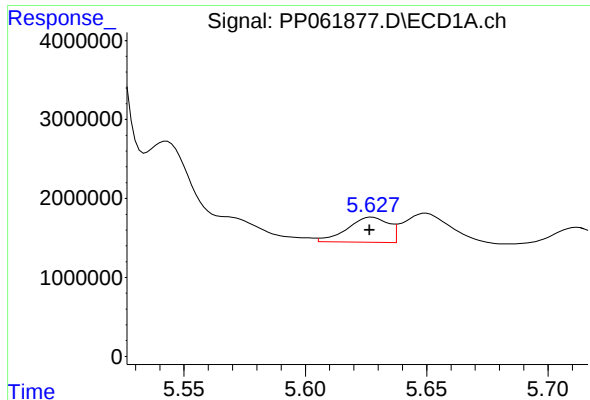
#20 AR-1242-5

R.T.: 6.554 min
Delta R.T.: 0.005 min
Response: 4406593
Conc: 142.82 ng/ml



#20 AR-1242-5

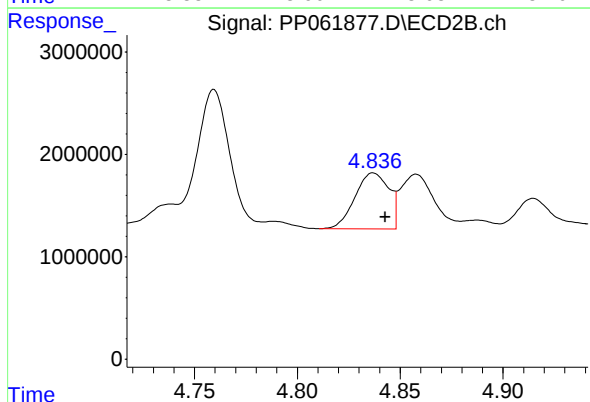
R.T.: 5.656 min
Delta R.T.: -0.004 min
Response: 24418900
Conc: 516.67 ng/ml



#21 AR-1248-1

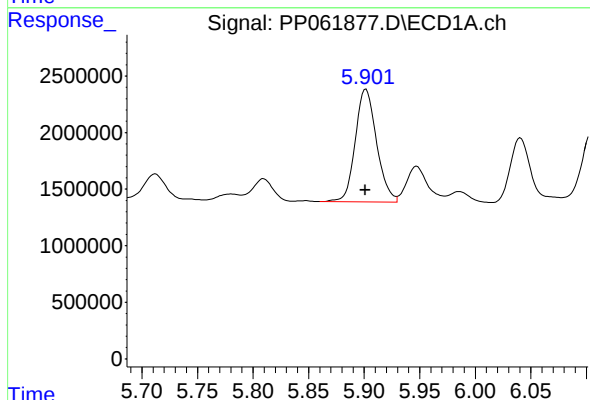
R.T.: 5.628 min
Delta R.T.: 0.001 min
Response: 3766632
Conc: 138.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



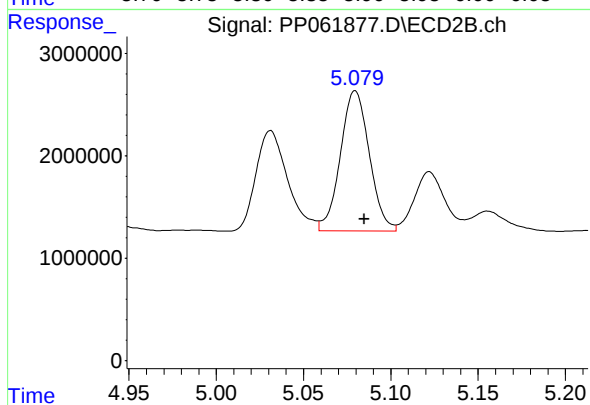
#21 AR-1248-1

R.T.: 4.837 min
Delta R.T.: -0.006 min
Response: 6270974
Conc: 154.10 ng/ml



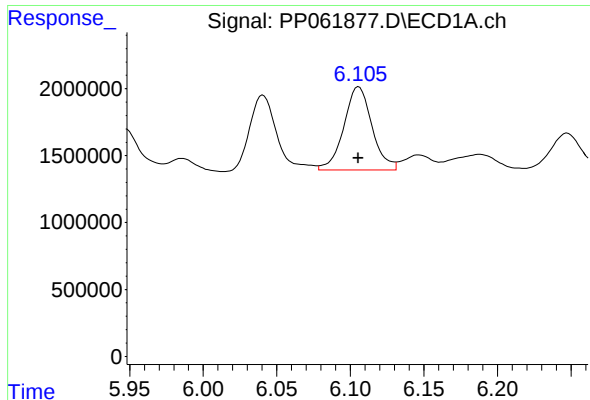
#22 AR-1248-2

R.T.: 5.902 min
Delta R.T.: 0.000 min
Response: 13306655
Conc: 302.33 ng/ml



#22 AR-1248-2

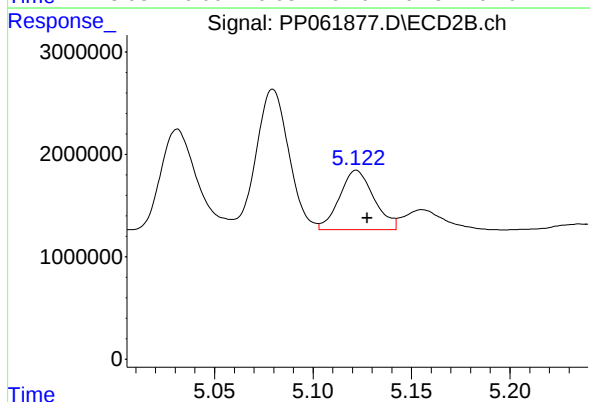
R.T.: 5.080 min
Delta R.T.: -0.005 min
Response: 15792176
Conc: 261.78 ng/ml



#23 AR-1248-3

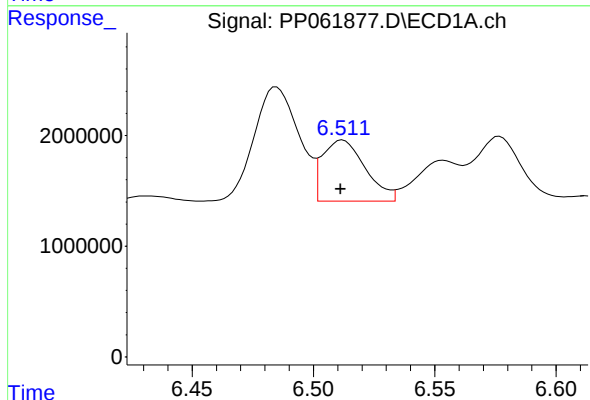
R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 8280292
Conc: 170.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



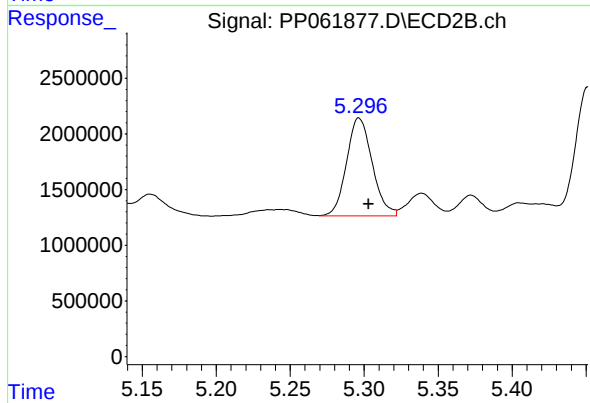
#23 AR-1248-3

R.T.: 5.122 min
Delta R.T.: -0.006 min
Response: 7053064
Conc: 113.10 ng/ml



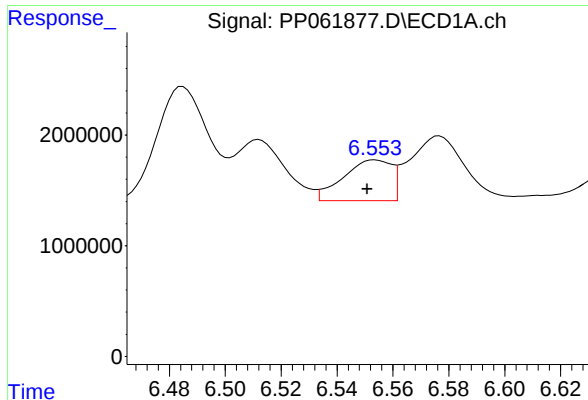
#24 AR-1248-4

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 6759848
Conc: 132.08 ng/ml



#24 AR-1248-4

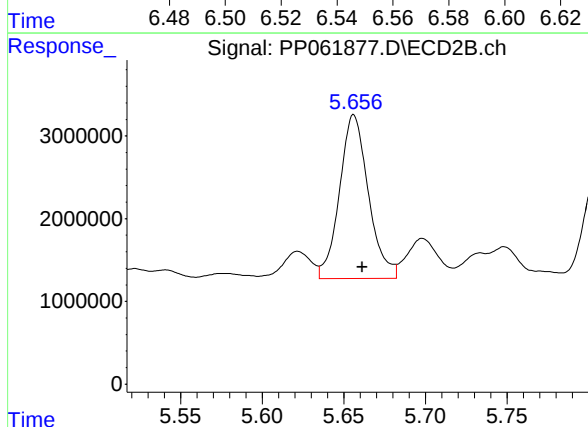
R.T.: 5.297 min
Delta R.T.: -0.007 min
Response: 10601822
Conc: 149.54 ng/ml



#25 AR-1248-5

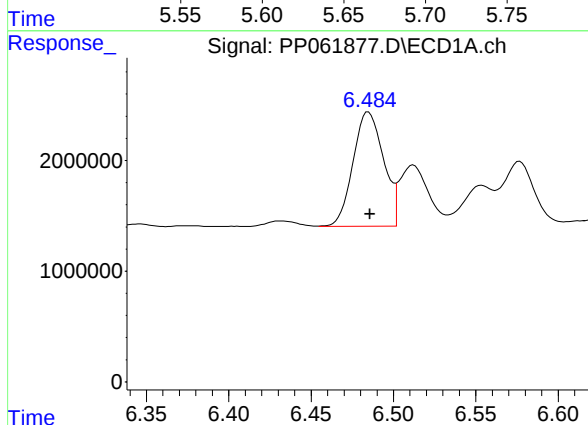
R.T.: 6.554 min
Delta R.T.: 0.003 min
Response: 4406593
Conc: 84.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



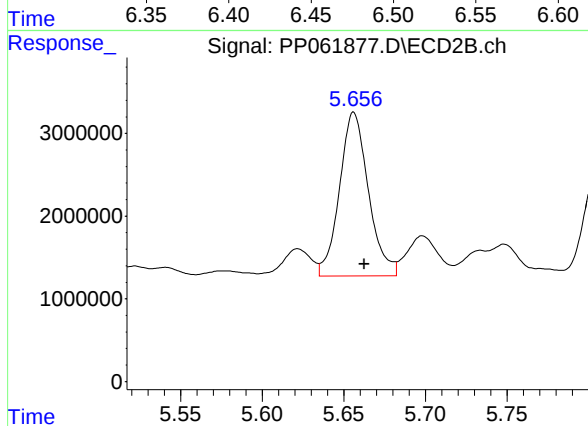
#25 AR-1248-5

R.T.: 5.656 min
Delta R.T.: -0.005 min
Response: 24418900
Conc: 272.21 ng/ml



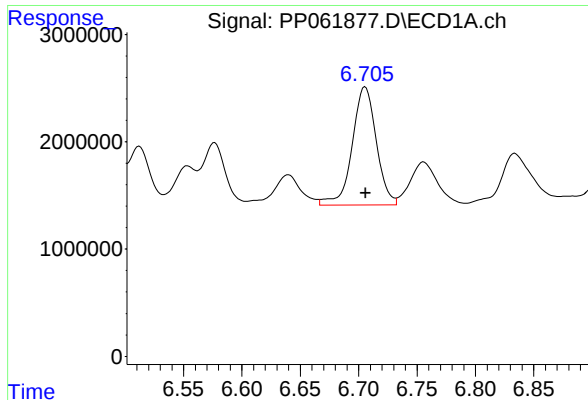
#26 AR-1254-1

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 13332054
Conc: 230.32 ng/ml



#26 AR-1254-1

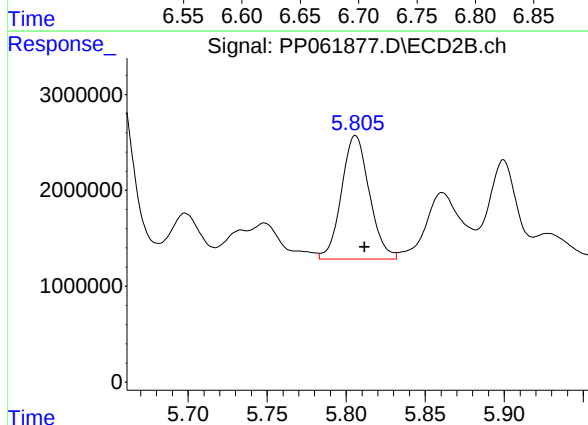
R.T.: 5.656 min
Delta R.T.: -0.006 min
Response: 24418900
Conc: 243.21 ng/ml



#27 AR-1254-2

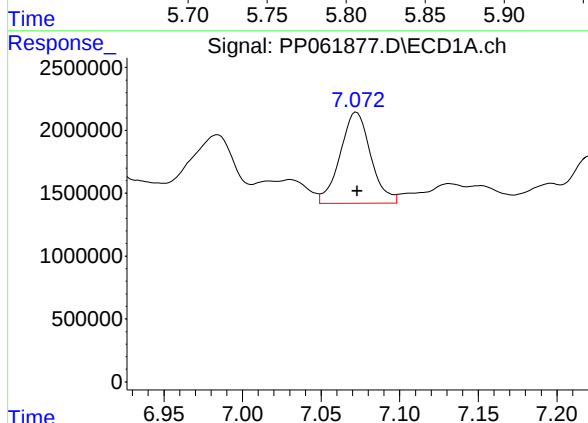
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 15820301
Conc: 183.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



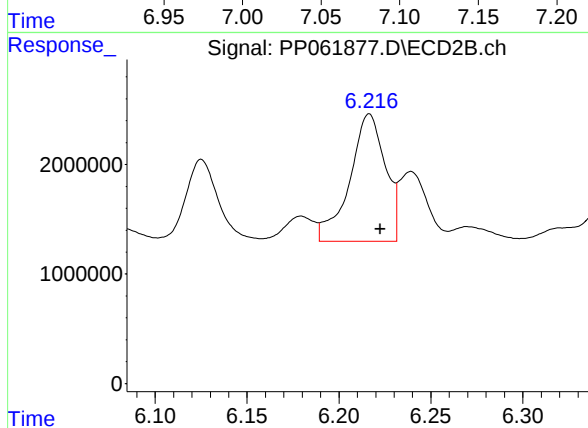
#27 AR-1254-2

R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 15813239
Conc: 173.66 ng/ml



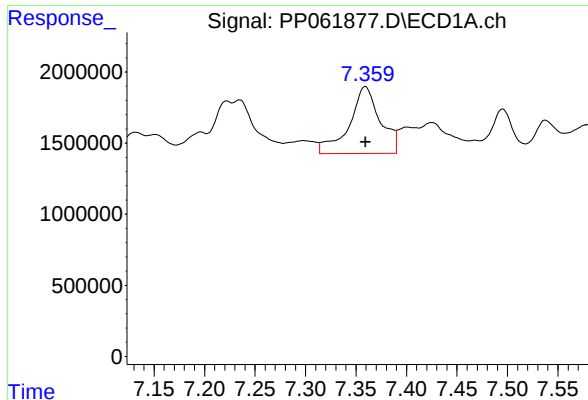
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 9820521
Conc: 115.46 ng/ml



#28 AR-1254-3

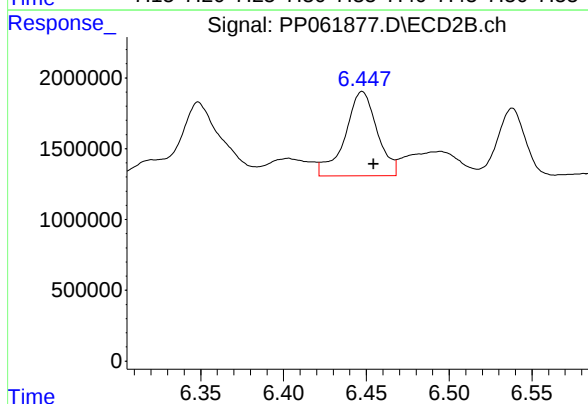
R.T.: 6.216 min
Delta R.T.: -0.006 min
Response: 15616706
Conc: 112.73 ng/ml



#29 AR-1254-4

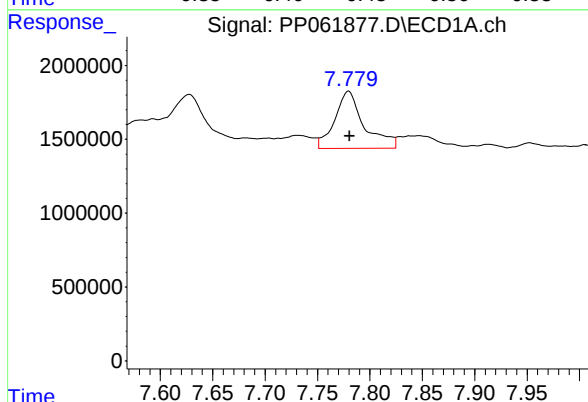
R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 10006514
Conc: 191.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



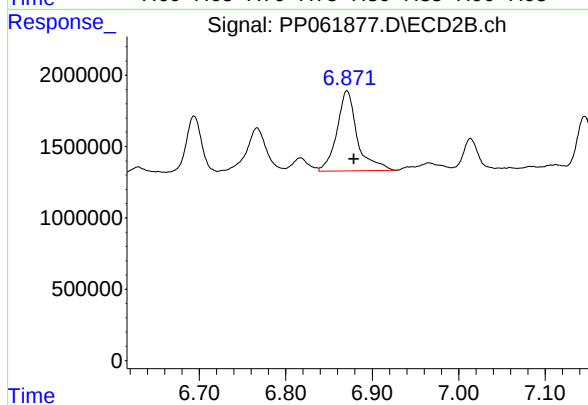
#29 AR-1254-4

R.T.: 6.448 min
Delta R.T.: -0.007 min
Response: 8037587
Conc: 119.49 ng/ml



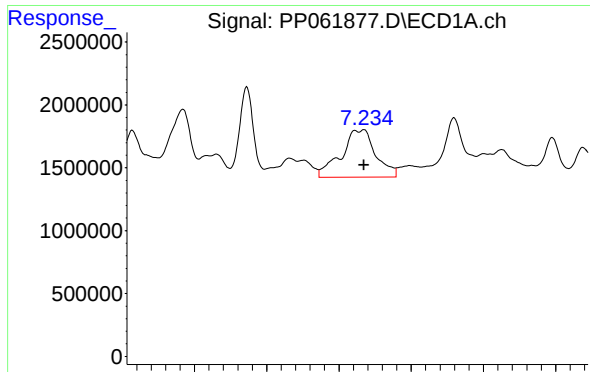
#30 AR-1254-5

R.T.: 7.780 min
Delta R.T.: 0.000 min
Response: 7548412
Conc: 120.27 ng/ml



#30 AR-1254-5

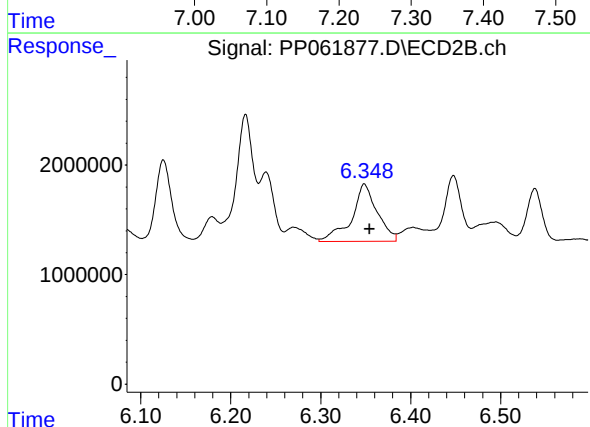
R.T.: 6.871 min
Delta R.T.: -0.008 min
Response: 9162125
Conc: 77.95 ng/ml



#31 AR-1260-1

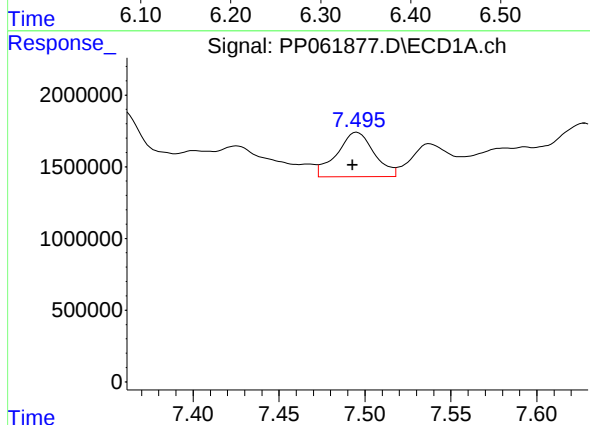
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 12538503
Conc: 180.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



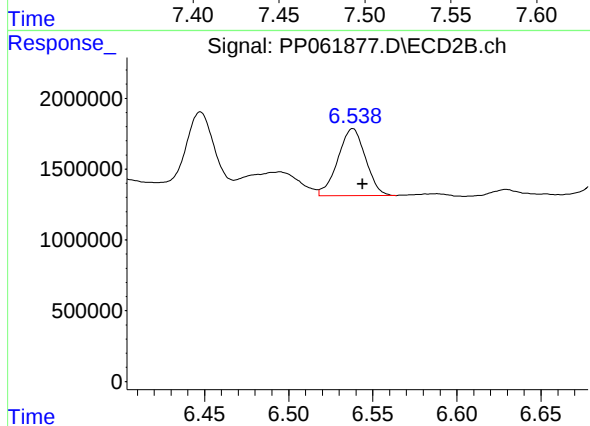
#31 AR-1260-1

R.T.: 6.349 min
Delta R.T.: -0.006 min
Response: 10291782
Conc: 102.31 ng/ml



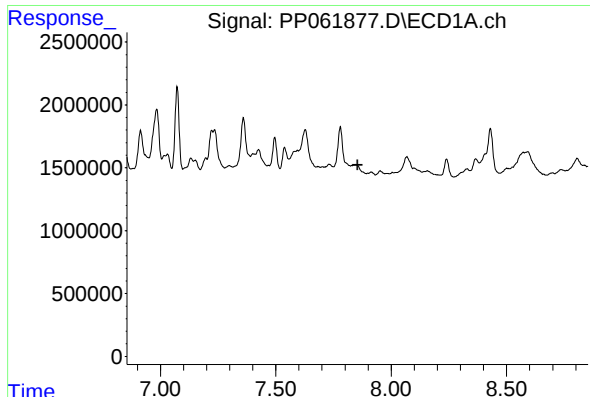
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: 0.003 min
Response: 4660248
Conc: 62.21 ng/ml



#32 AR-1260-2

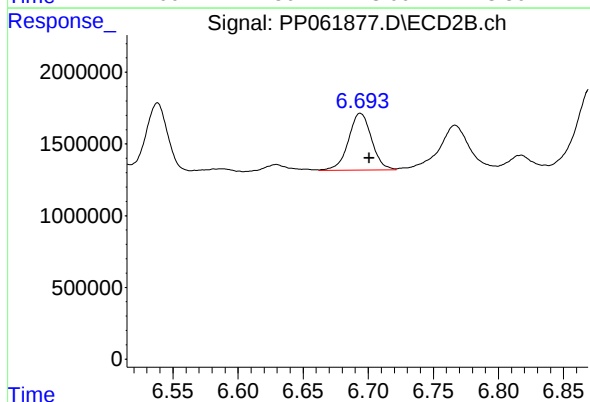
R.T.: 6.538 min
Delta R.T.: -0.006 min
Response: 5438636
Conc: 46.99 ng/ml



#33 AR-1260-3

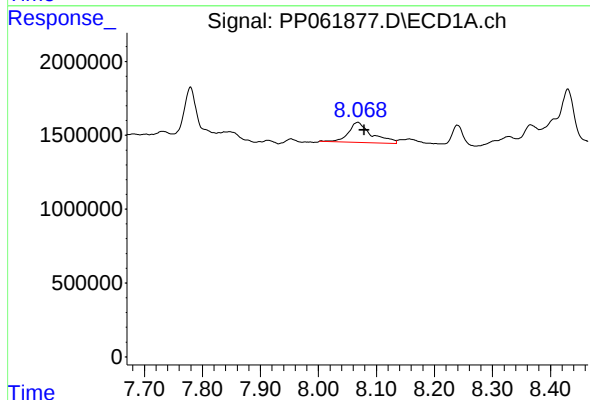
R.T.: 0.000 min
Exp R.T.: 7.854 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



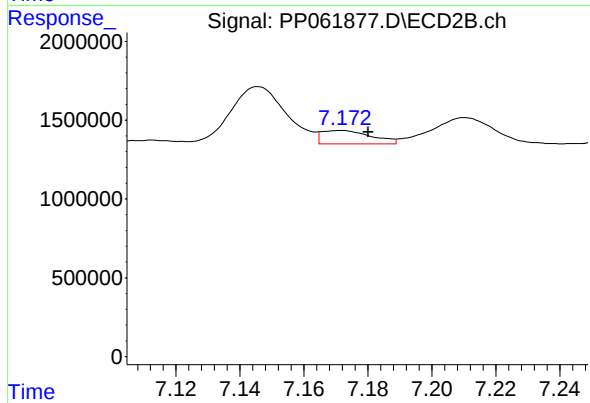
#33 AR-1260-3

R.T.: 6.694 min
Delta R.T.: -0.007 min
Response: 4907693
Conc: 44.78 ng/ml



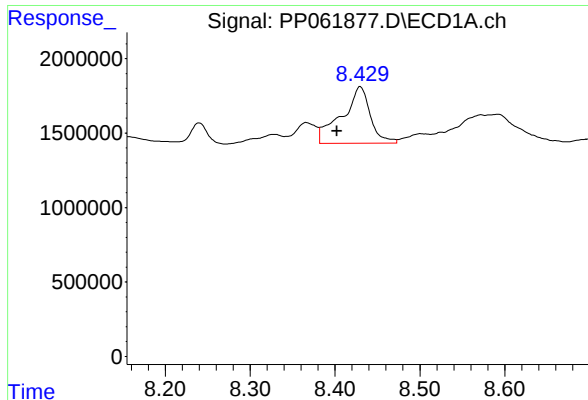
#34 AR-1260-4

R.T.: 8.068 min
Delta R.T.: -0.011 min
Response: 3814542
Conc: 64.07 ng/ml



#34 AR-1260-4

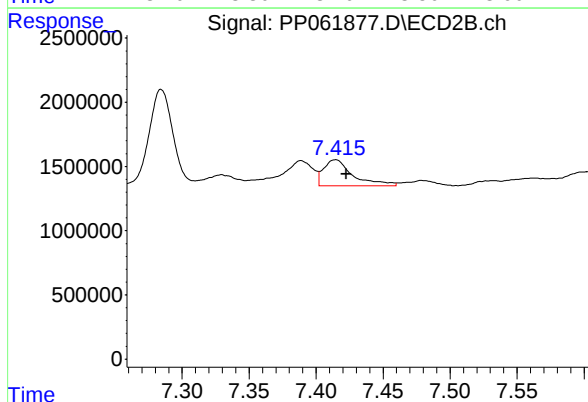
R.T.: 7.172 min
Delta R.T.: -0.008 min
Response: 911090
Conc: 11.11 ng/ml



#35 AR-1260-5

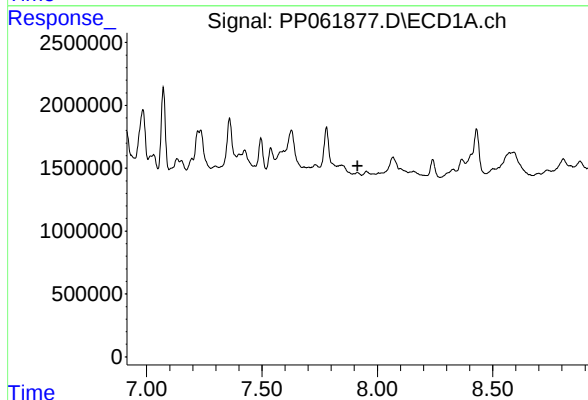
R.T.: 8.430 min
Delta R.T.: 0.028 min
Response: 8906059
Conc: 90.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



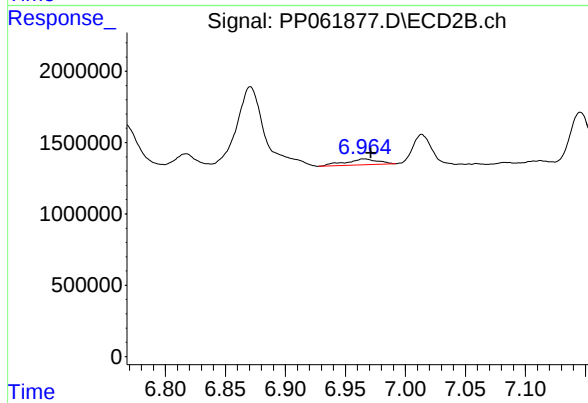
#35 AR-1260-5

R.T.: 7.415 min
Delta R.T.: -0.008 min
Response: 3100736
Conc: 17.97 ng/ml



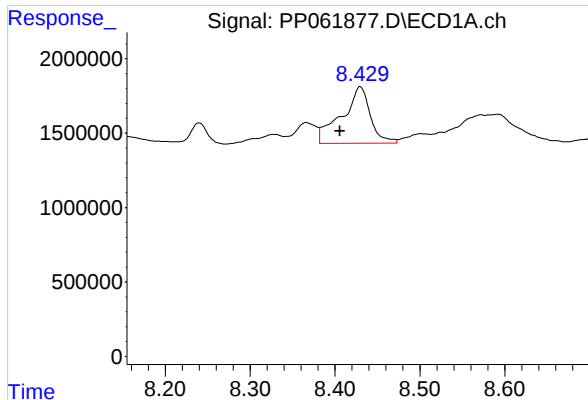
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.915 min
Response: 0
Conc: N.D.



#36 AR-1262-1

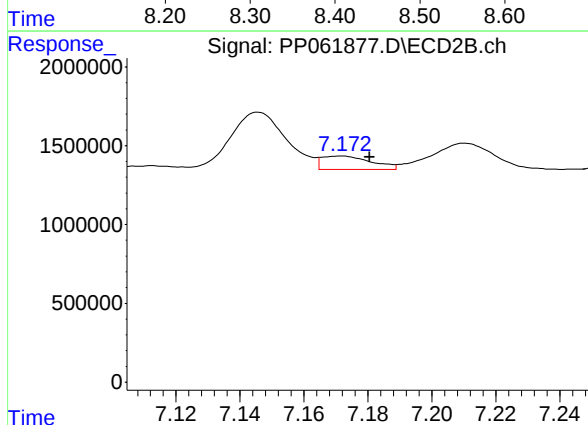
R.T.: 6.966 min
Delta R.T.: -0.005 min
Response: 767024
Conc: 14.38 ng/ml



#37 AR-1262-2

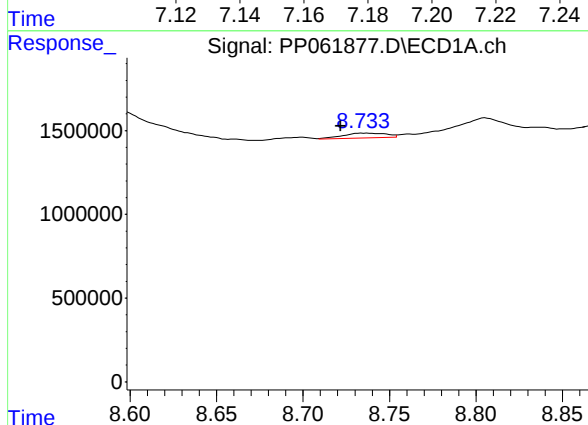
R.T.: 8.430 min
Delta R.T.: 0.024 min
Response: 8906059
Conc: 76.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



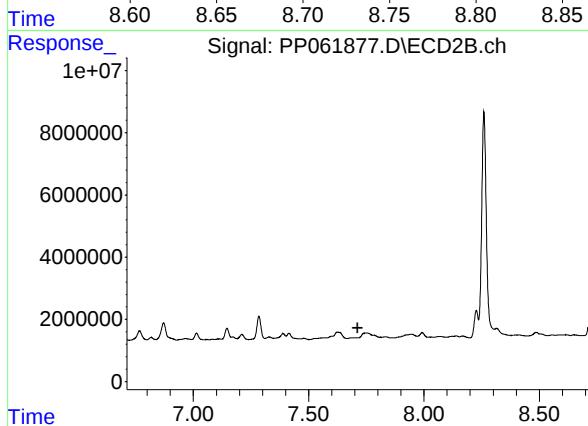
#37 AR-1262-2

R.T.: 7.172 min
Delta R.T.: -0.009 min
Response: 911090
Conc: 8.02 ng/ml



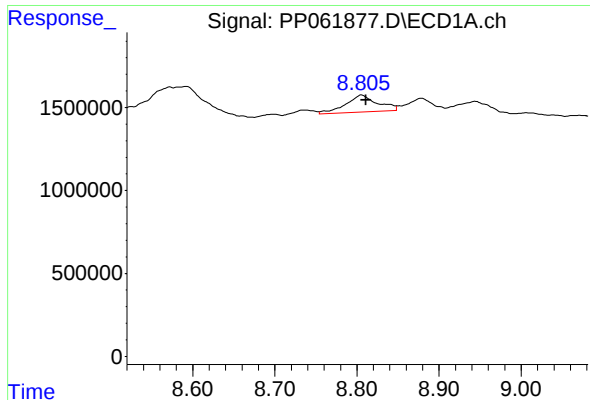
#38 AR-1262-3

R.T.: 8.736 min
Delta R.T.: 0.015 min
Response: 495531
Conc: 5.92 ng/ml



#38 AR-1262-3

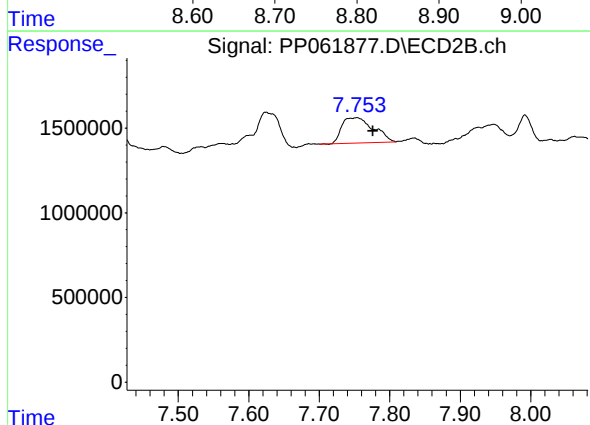
R.T.: 0.000 min
Exp R.T.: 7.712 min
Response: 0
Conc: N.D.



#39 AR-1262-4

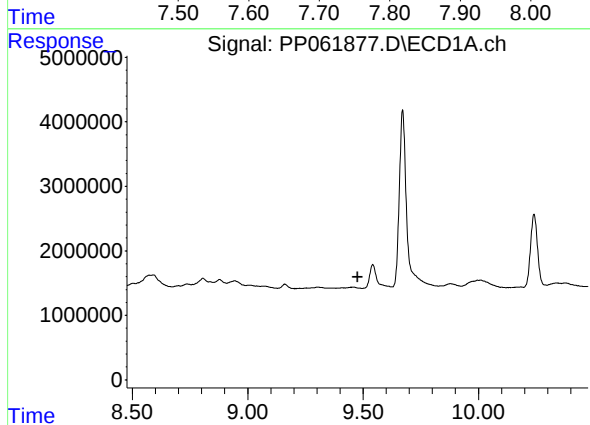
R.T.: 8.806 min
Delta R.T.: -0.005 min
Response: 2804337
Conc: 40.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



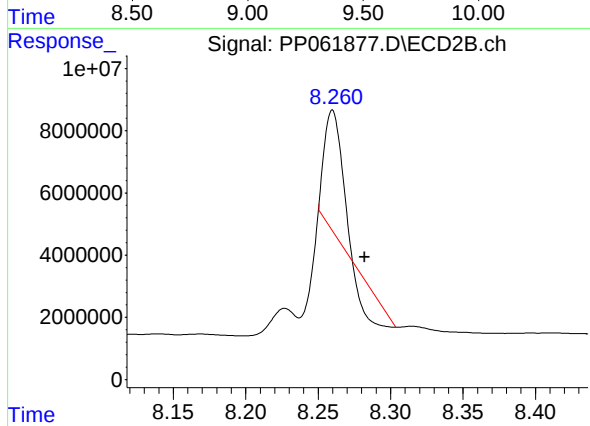
#39 AR-1262-4

R.T.: 7.753 min
Delta R.T.: -0.023 min
Response: 4598699
Conc: 30.72 ng/ml



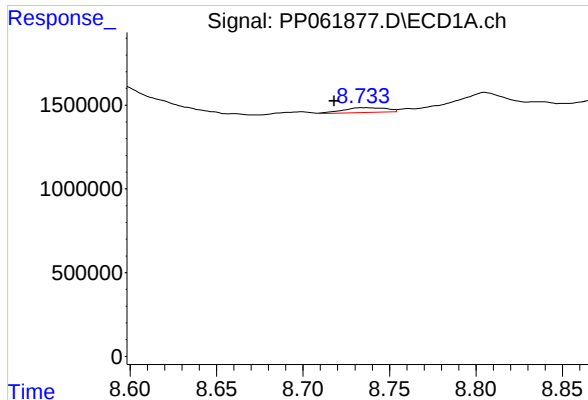
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.476 min
Response: 0
Conc: N.D.



#40 AR-1262-5

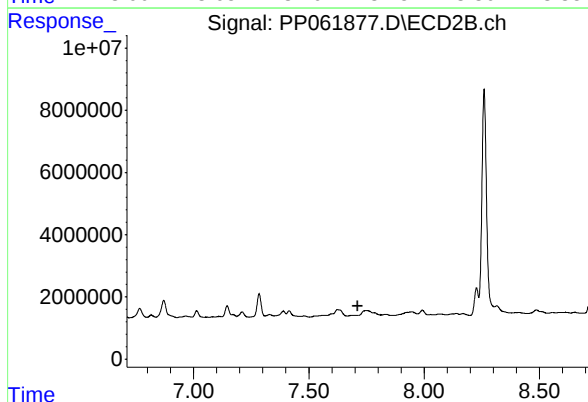
R.T.: 8.260 min
Delta R.T.: -0.022 min
Response: 21687237
Conc: 367.47 ng/ml



#41 AR-1268-1

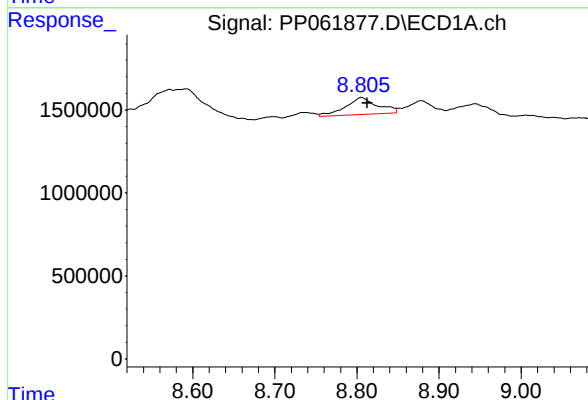
R.T.: 8.736 min
Delta R.T.: 0.018 min
Response: 495531
Conc: 3.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



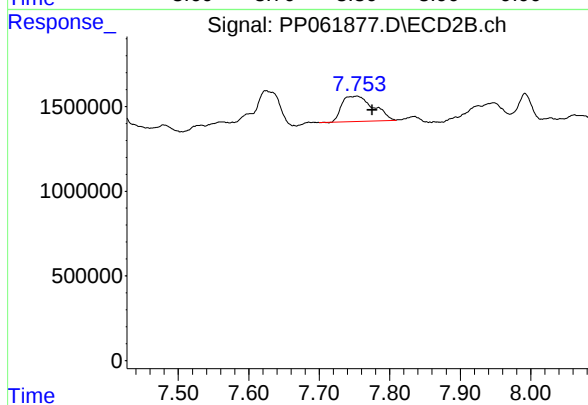
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 7.711 min
Response: 0
Conc: N.D.



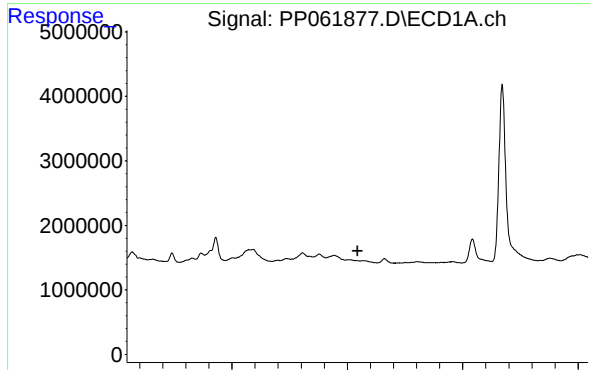
#42 AR-1268-2

R.T.: 8.806 min
Delta R.T.: -0.007 min
Response: 2804337
Conc: 19.32 ng/ml



#42 AR-1268-2

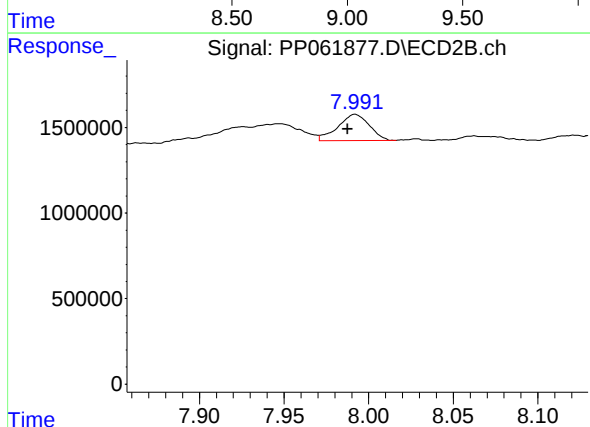
R.T.: 7.753 min
Delta R.T.: -0.022 min
Response: 4598699
Conc: 20.99 ng/ml



#43 AR-1268-3

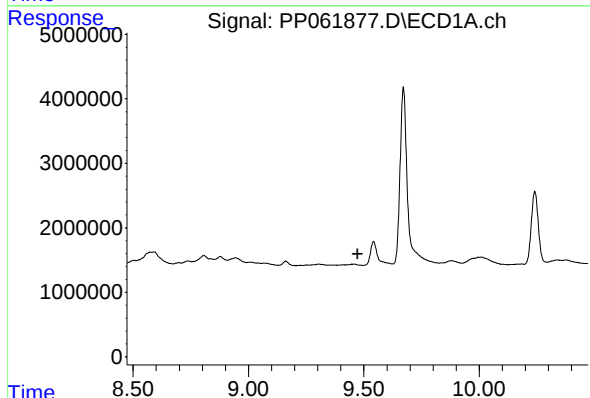
R.T.: 0.000 min
Exp R.T.: 9.044 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



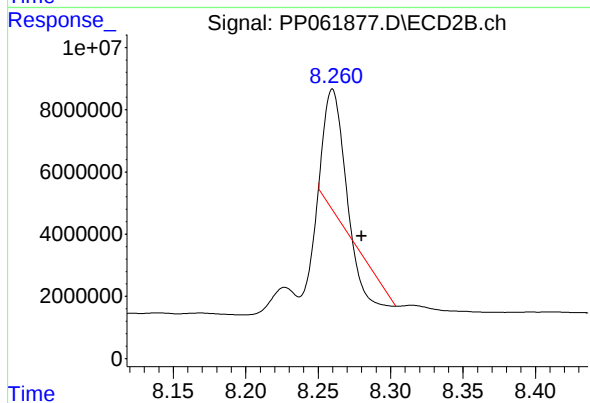
#43 AR-1268-3

R.T.: 7.992 min
Delta R.T.: 0.004 min
Response: 1979613
Conc: 9.78 ng/ml



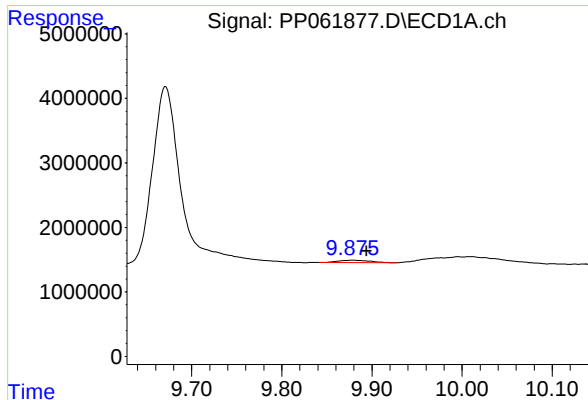
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.473 min
Response: 0
Conc: N.D.



#44 AR-1268-4

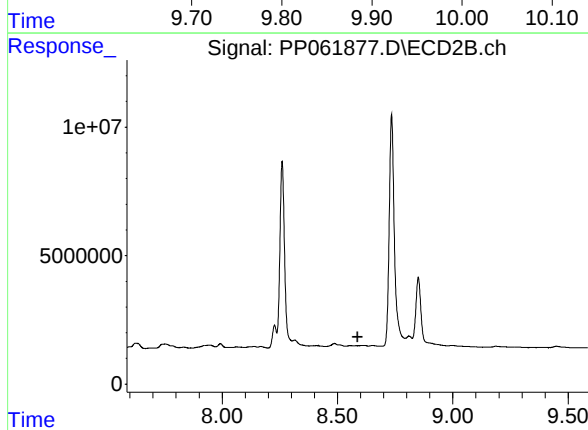
R.T.: 8.260 min
Delta R.T.: -0.020 min
Response: 21687237
Conc: 315.79 ng/ml



#45 AR-1268-5

R.T.: 9.878 min
Delta R.T.: -0.017 min
Response: 941361
Conc: 2.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.587 min
Response: 0
Conc: N.D.