

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041123\
 Data File : PP056841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2023 11:04
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 11:40:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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...	4.435	3.662	109.1E6	80683899	50.759	46.392
2)	SA Decachlor...	10.276	8.746	68491603	81765170	52.327	52.004
Target Compounds							
3)	L1 AR-1016-1	5.611	4.762	1039359	846111	16.928	15.886
4)	L1 AR-1016-2	5.637	4.781	1412197	727569	15.836	9.812 #
5)	L1 AR-1016-3	5.696	4.961	608678	439996	10.736	10.933
6)	L1 AR-1016-4	5.795	5.001	574389	19427666	12.827	536.151 #
7)	L1 AR-1016-5	6.092	5.218	12663278	11716261	270.080	249.490
8)	L2 AR-1221-1	4.647	3.872	217911	133551	8.261	6.098 #
9)	L2 AR-1221-2	4.743	3.966	1836531	1214066	94.540	73.894
10)	L2 AR-1221-3	4.807	4.042	696973	439726	12.233	8.968 #
11)	L3 AR-1232-1	4.807	4.042	696973	439726	14.471	10.689 #
12)	L3 AR-1232-2	5.342	4.781	611439	727569	24.477	21.229
13)	L3 AR-1232-3	5.637	4.961	1412197	439996	35.027	23.912 #
14)	L3 AR-1232-4	5.795	5.043	574389	6122956	28.507	319.521 #
15)	L3 AR-1232-5	5.886	5.218	21668443	11716261	1232.798	551.188 #
16)	L4 AR-1242-1	5.611	4.762	1039359	846111	20.668	19.672
17)	L4 AR-1242-2	5.637	4.781	1412197	727569	19.393	12.228 #
18)	L4 AR-1242-3	5.696	4.961	608678	439996	13.284	13.638
19)	L4 AR-1242-4	5.795	5.043	574389	6122956	15.919	168.050 #
20)	L4 AR-1242-5	6.542	5.575	10705898	44456077	322.528	1114.966 #
21)	L5 AR-1248-1	5.611	4.762	1039359	846111	27.702	25.704
22)	L5 AR-1248-2	5.886	5.001	21668443	19427666	367.921	376.925
23)	L5 AR-1248-3	6.092	5.043	12663278	6122956	198.758	114.061 #
24)	L5 AR-1248-4	6.498	5.218	14739005	11716261	253.794	189.353 #
25)	L5 AR-1248-5	6.542	5.616	10705898	4884065	189.530	95.125 #
26)	L6 AR-1254-1	6.472	5.575	36007687	44456077	507.824	482.601
27)	L6 AR-1254-2	6.692	5.723	51738781	39365974	510.196	489.813
28)	L6 AR-1254-3	7.061	6.133	50009749	61500888	515.926	497.514
29)	L6 AR-1254-4	7.348	6.363	30917965	31434365	506.562	494.585
30)	L6 AR-1254-5	7.770	6.785	35015333	51793095	513.855	492.629
31)	L7 AR-1260-1	7.227	6.264	20926630	31827681	257.079	332.773 #
32)	L7 AR-1260-2	7.485	6.453	21502697	24310426	252.031	235.389
33)	L7 AR-1260-3	7.831f	6.608	5803132	25976974	83.097	250.489 #
34)	L7 AR-1260-4	8.060f	7.086	13968592	2963183	183.076	34.694 #
35)	L7 AR-1260-5	8.400	7.327	4599733	3681415	36.340	23.261 #
36)	L8 AR-1262-1	7.831	6.873	5803132	2440388	65.884	52.155
37)	L8 AR-1262-2	8.400	7.086	4599733	2963183	35.526	30.296
38)	L8 AR-1262-3	8.737f	7.615	3687047	268426	40.029	4.042 #
39)	L8 AR-1262-4	8.788f	7.676	1450974	5467819	31.956	46.391 #
40)	L8 AR-1262-5	9.492	8.177	192960	188270	4.803	3.863
41)	L9 AR-1268-1	8.737f	7.615	3687047	268426	19.795	1.211 #

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 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

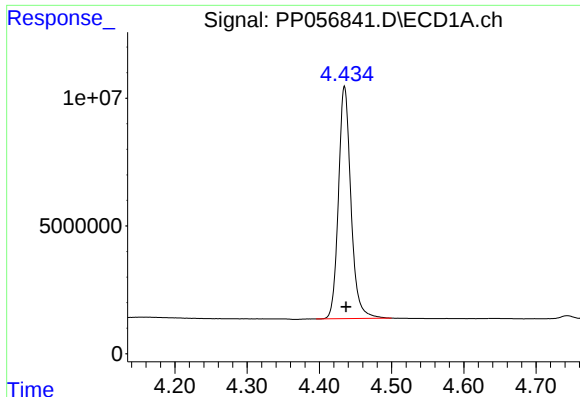
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 11:40:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
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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	8.788f	7.676	1450974	5467819	8.744	28.155 #
43) L9	AR-1268-3	9.056	7.889	49219	141612	0.309	0.714 #
44) L9	AR-1268-4	9.492	8.177	192960	188270	4.156	3.255
45) L9	AR-1268-5	9.925	8.480	233078	430513	0.543	0.848 #

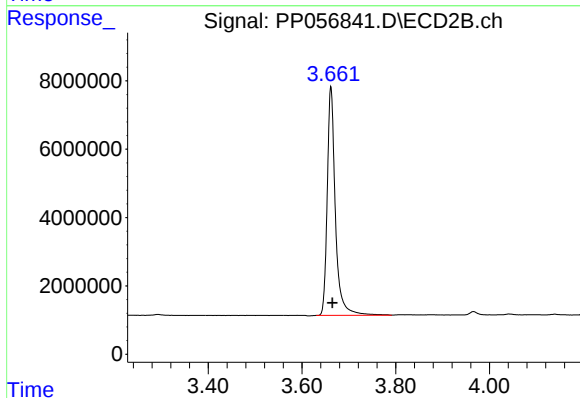
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

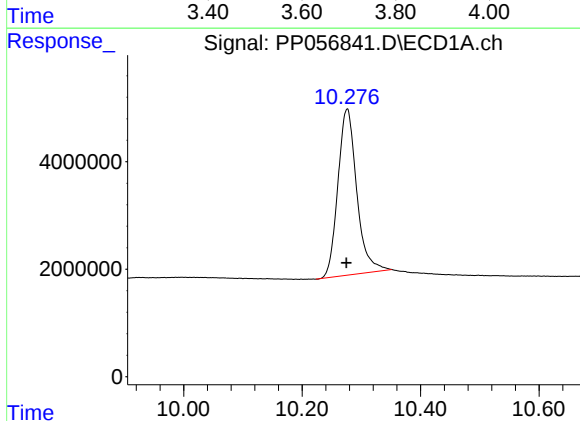
R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 109056270
Conc: 50.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



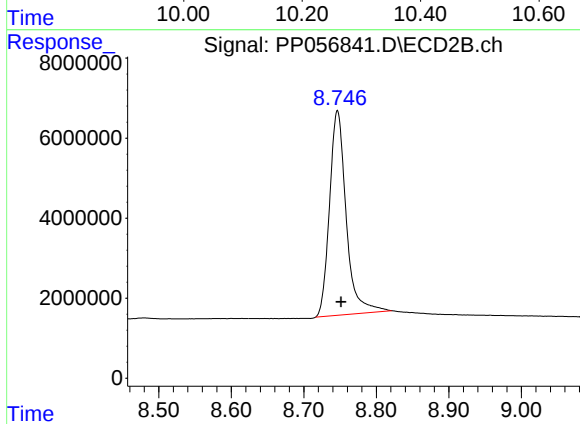
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 80683899
Conc: 46.39 ng/ml



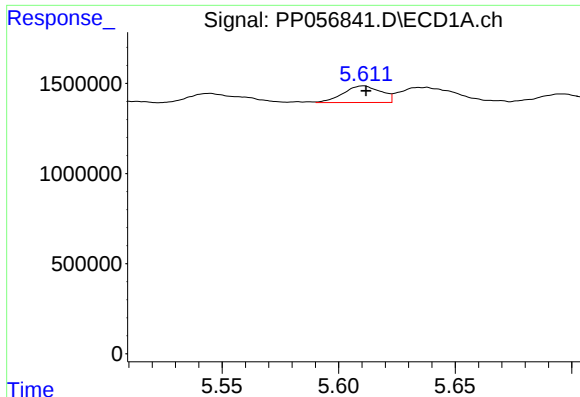
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: 0.001 min
Response: 68491603
Conc: 52.33 ng/ml



#2 Decachlorobiphenyl

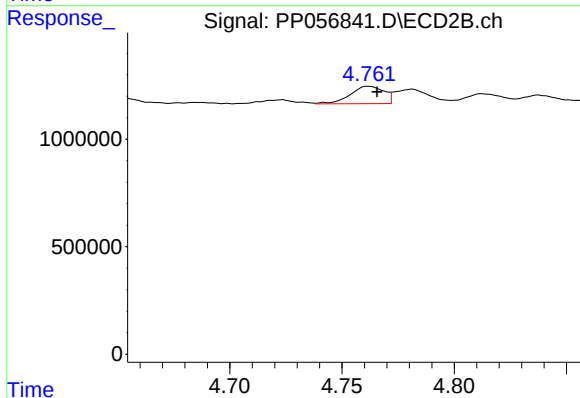
R.T.: 8.746 min
Delta R.T.: -0.005 min
Response: 81765170
Conc: 52.00 ng/ml



#3 AR-1016-1

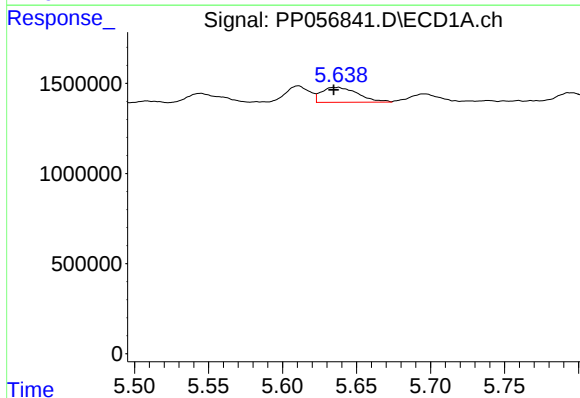
R.T.: 5.611 min
Delta R.T.: -0.001 min
Response: 1039359
Conc: 16.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



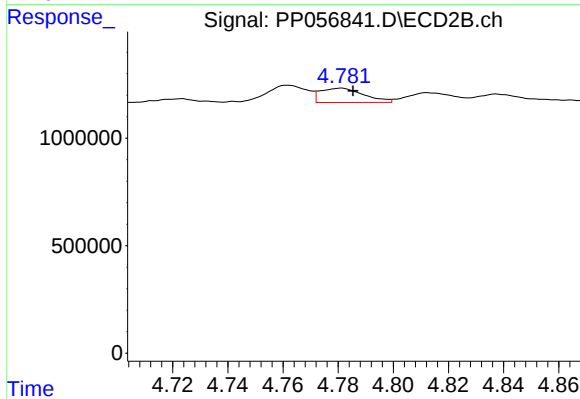
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 846111
Conc: 15.89 ng/ml



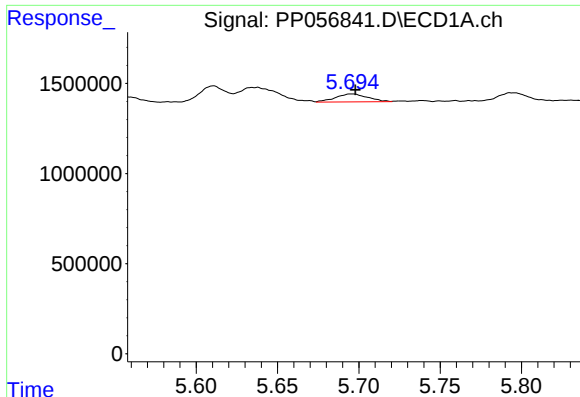
#4 AR-1016-2

R.T.: 5.637 min
Delta R.T.: 0.002 min
Response: 1412197
Conc: 15.84 ng/ml



#4 AR-1016-2

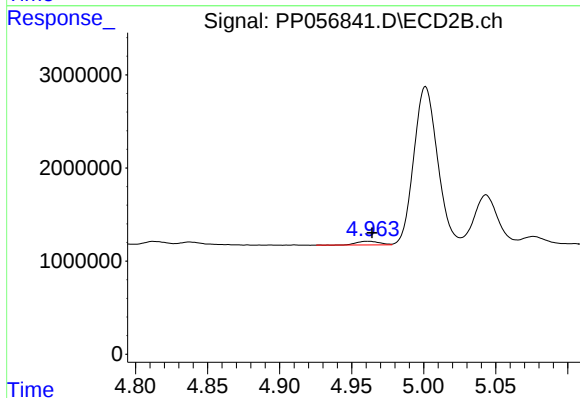
R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 727569
Conc: 9.81 ng/ml



#5 AR-1016-3

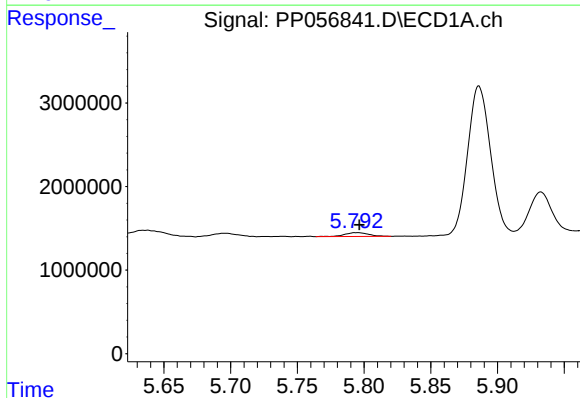
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 608678
Conc: 10.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



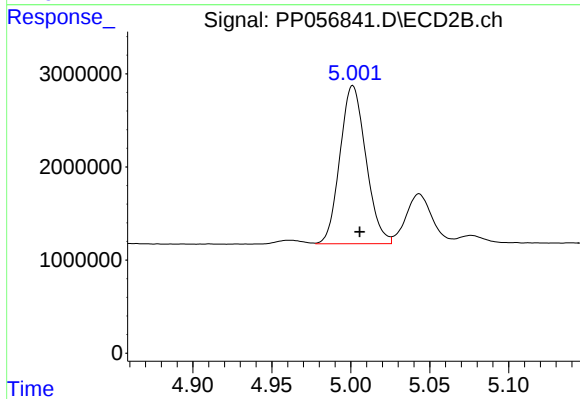
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 439996
Conc: 10.93 ng/ml



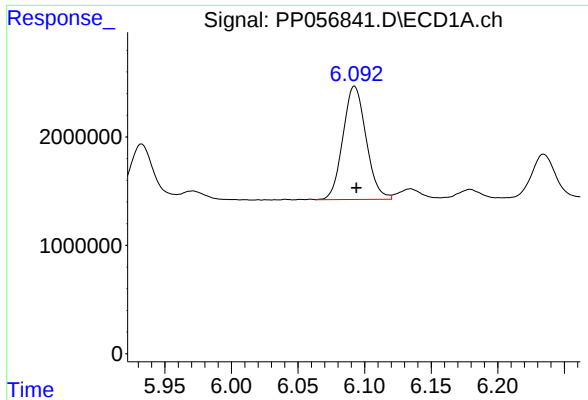
#6 AR-1016-4

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 574389
Conc: 12.83 ng/ml



#6 AR-1016-4

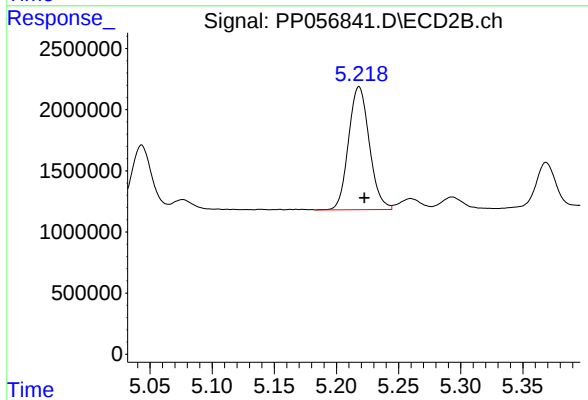
R.T.: 5.001 min
Delta R.T.: -0.004 min
Response: 19427666
Conc: 536.15 ng/ml



#7 AR-1016-5

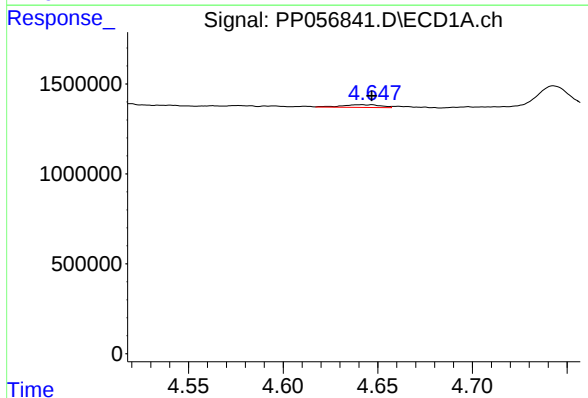
R.T.: 6.092 min
Delta R.T.: -0.001 min
Response: 12663278
Conc: 270.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



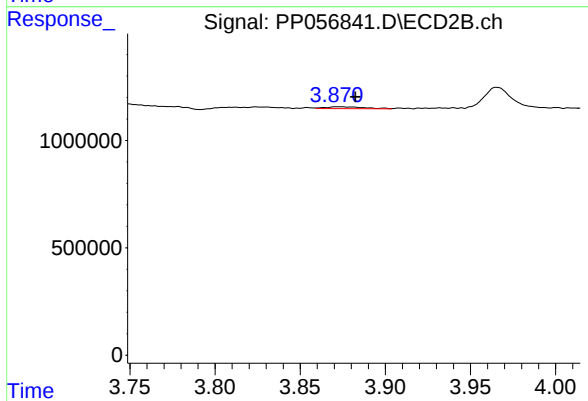
#7 AR-1016-5

R.T.: 5.218 min
Delta R.T.: -0.004 min
Response: 11716261
Conc: 249.49 ng/ml



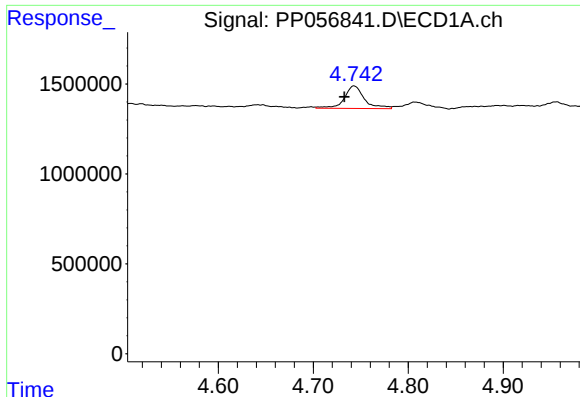
#8 AR-1221-1

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 217911
Conc: 8.26 ng/ml



#8 AR-1221-1

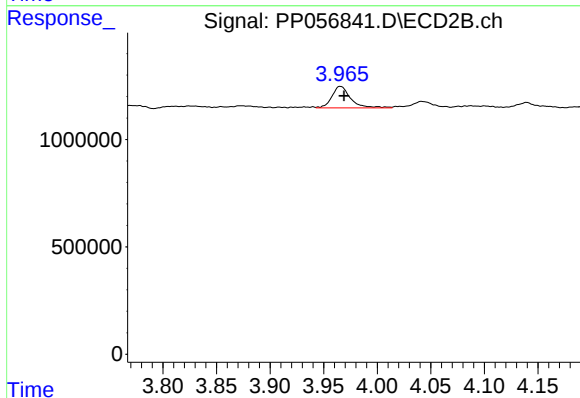
R.T.: 3.872 min
Delta R.T.: -0.010 min
Response: 133551
Conc: 6.10 ng/ml



#9 AR-1221-2

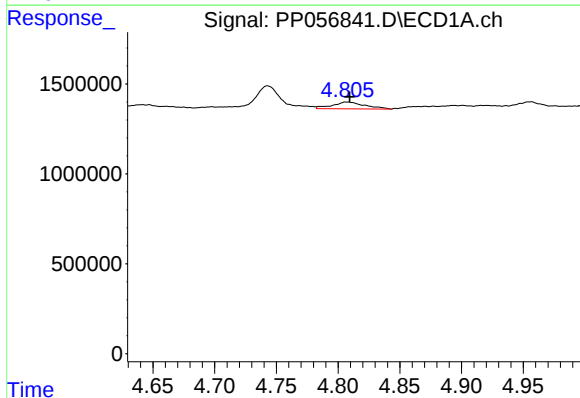
R.T.: 4.743 min
Delta R.T.: 0.010 min
Response: 1836531
Conc: 94.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



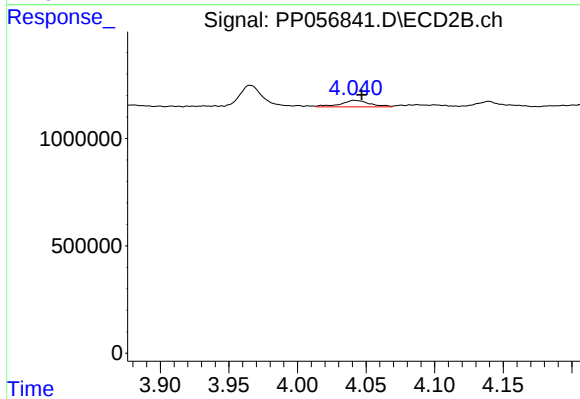
#9 AR-1221-2

R.T.: 3.966 min
Delta R.T.: -0.003 min
Response: 1214066
Conc: 73.89 ng/ml



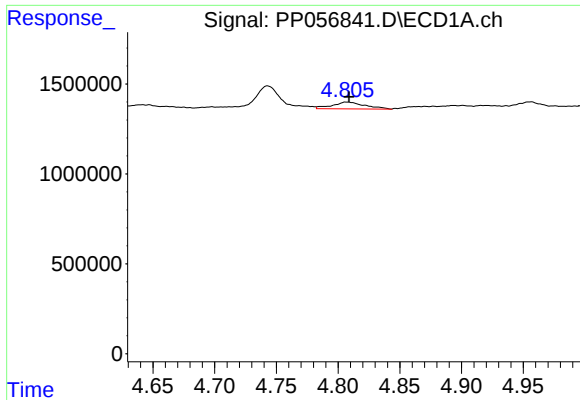
#10 AR-1221-3

R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 696973
Conc: 12.23 ng/ml



#10 AR-1221-3

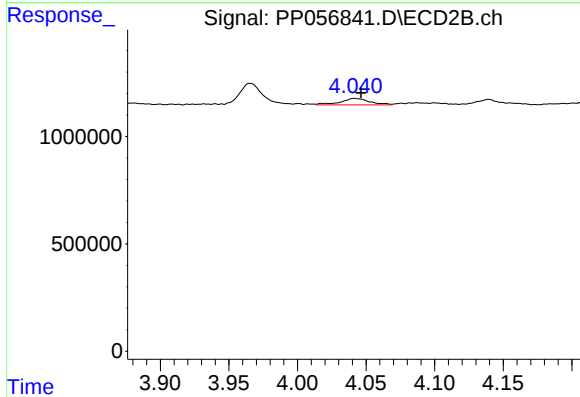
R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 439726
Conc: 8.97 ng/ml



#11 AR-1232-1

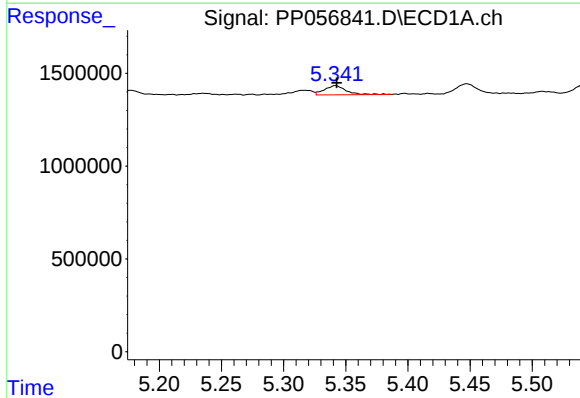
R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 696973
Conc: 14.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



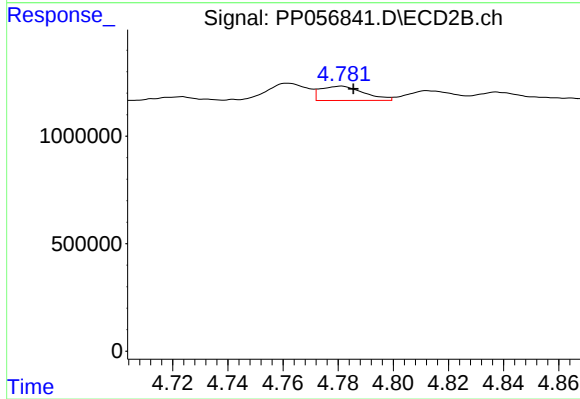
#11 AR-1232-1

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 439726
Conc: 10.69 ng/ml



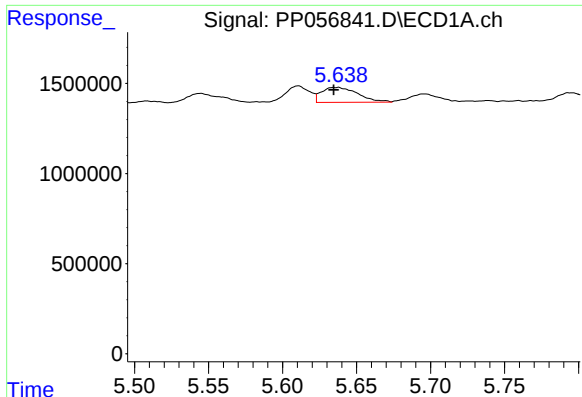
#12 AR-1232-2

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 611439
Conc: 24.48 ng/ml



#12 AR-1232-2

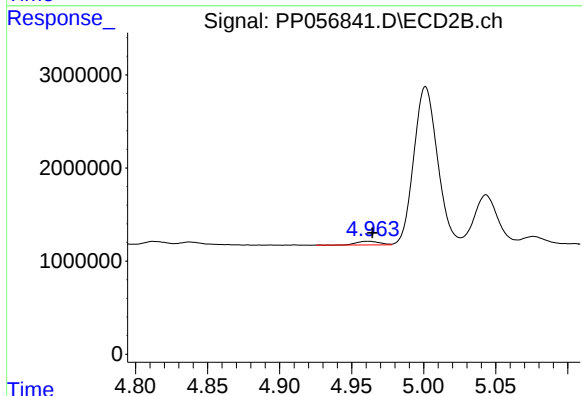
R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 727569
Conc: 21.23 ng/ml



#13 AR-1232-3

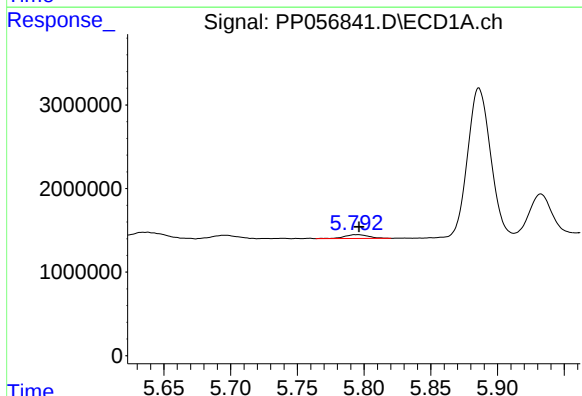
R.T.: 5.637 min
Delta R.T.: 0.002 min
Response: 1412197
Conc: 35.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



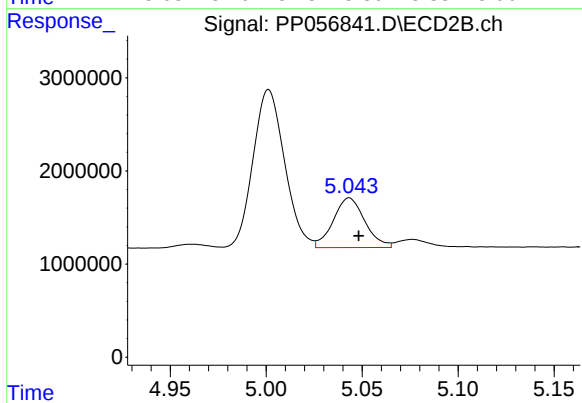
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 439996
Conc: 23.91 ng/ml



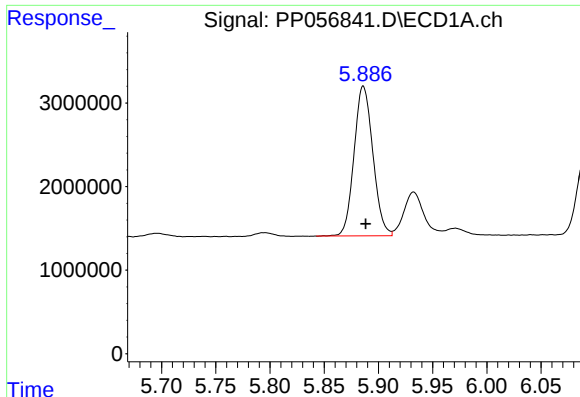
#14 AR-1232-4

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 574389
Conc: 28.51 ng/ml



#14 AR-1232-4

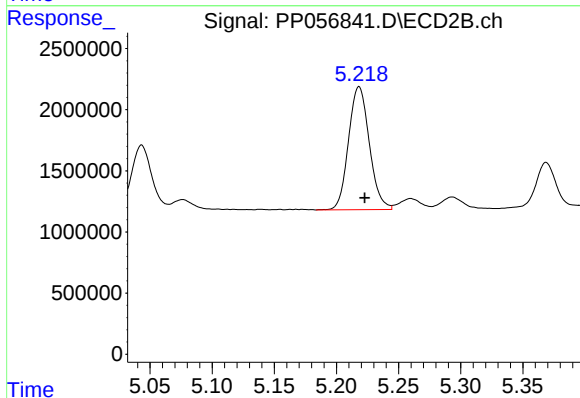
R.T.: 5.043 min
Delta R.T.: -0.005 min
Response: 6122956
Conc: 319.52 ng/ml



#15 AR-1232-5

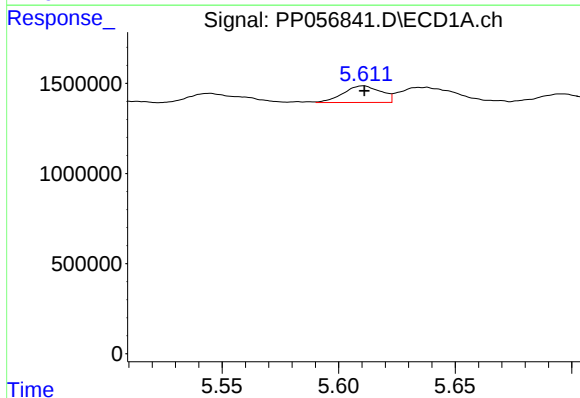
R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 21668443
Conc: 1232.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



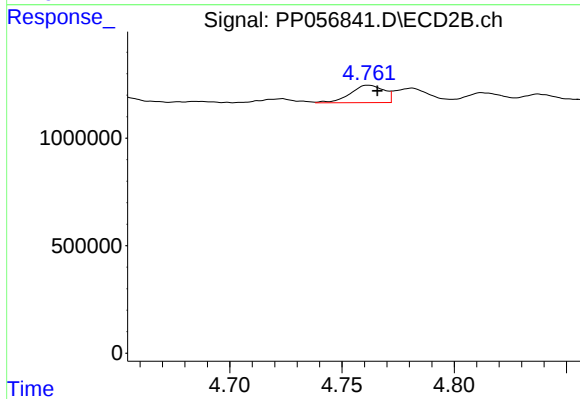
#15 AR-1232-5

R.T.: 5.218 min
Delta R.T.: -0.005 min
Response: 11716261
Conc: 551.19 ng/ml



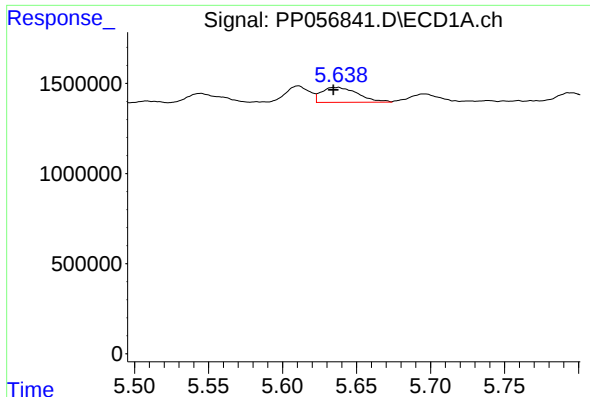
#16 AR-1242-1

R.T.: 5.611 min
Delta R.T.: 0.000 min
Response: 1039359
Conc: 20.67 ng/ml



#16 AR-1242-1

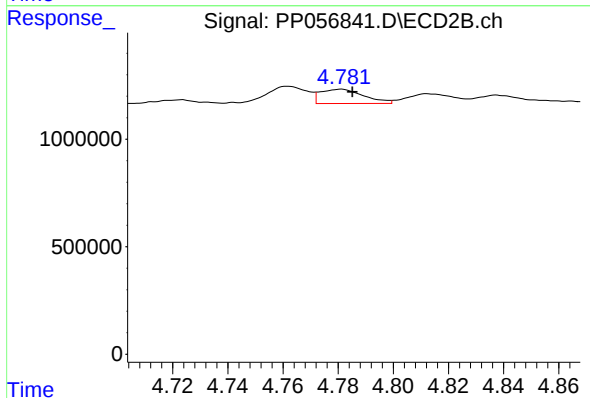
R.T.: 4.762 min
Delta R.T.: -0.004 min
Response: 846111
Conc: 19.67 ng/ml



#17 AR-1242-2

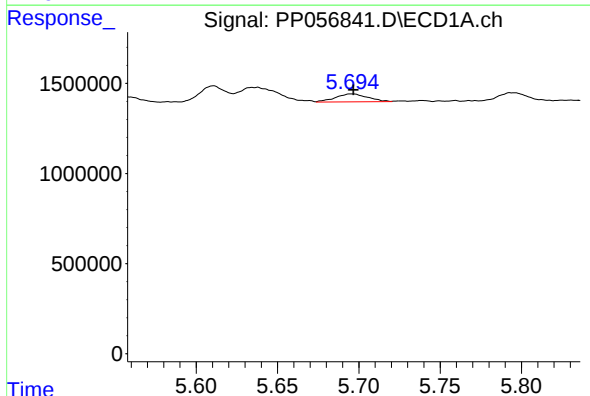
R.T.: 5.637 min
Delta R.T.: 0.003 min
Response: 1412197
Conc: 19.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



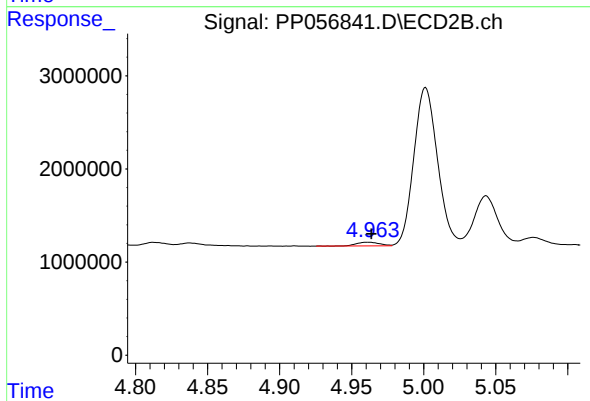
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 727569
Conc: 12.23 ng/ml



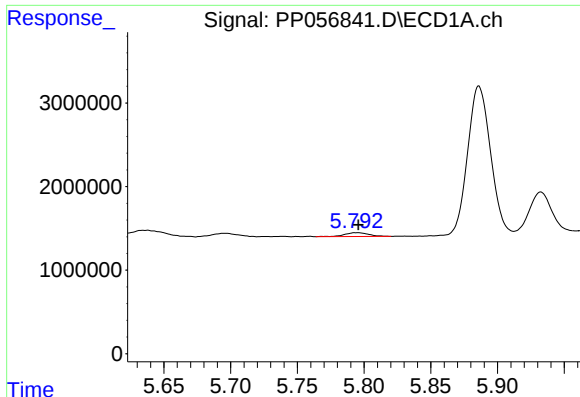
#18 AR-1242-3

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 608678
Conc: 13.28 ng/ml



#18 AR-1242-3

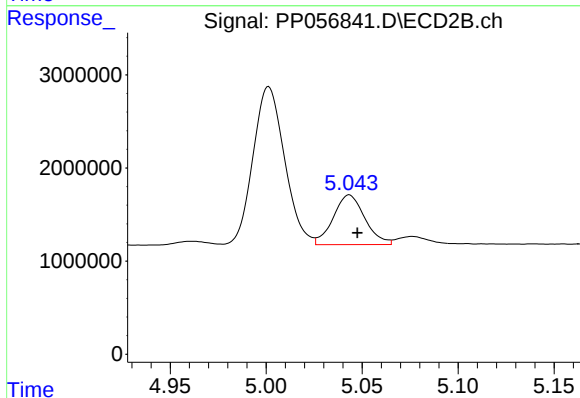
R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 439996
Conc: 13.64 ng/ml



#19 AR-1242-4

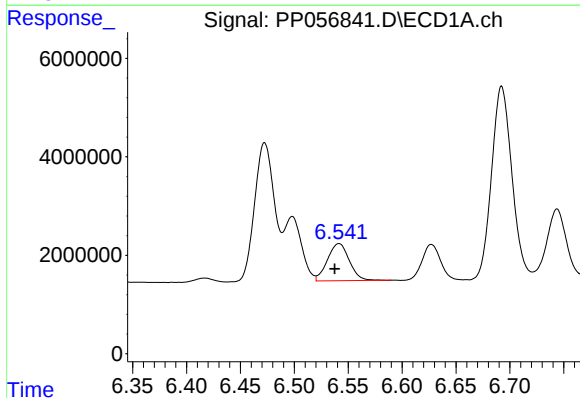
R.T.: 5.795 min
Delta R.T.: -0.001 min
Response: 574389
Conc: 15.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



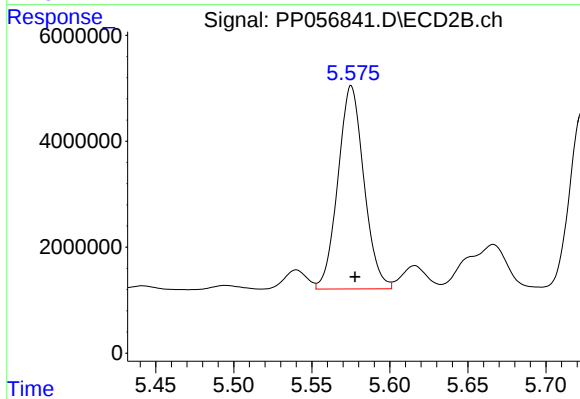
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 6122956
Conc: 168.05 ng/ml



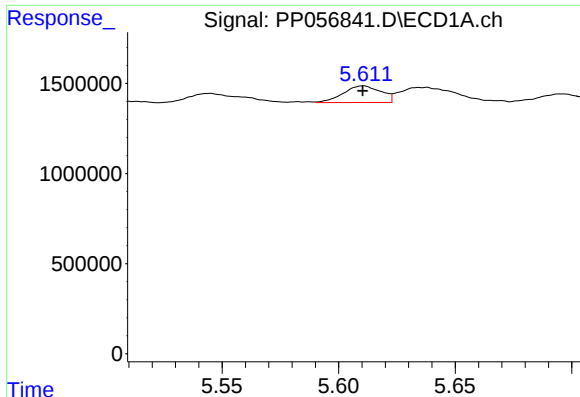
#20 AR-1242-5

R.T.: 6.542 min
Delta R.T.: 0.004 min
Response: 10705898
Conc: 322.53 ng/ml



#20 AR-1242-5

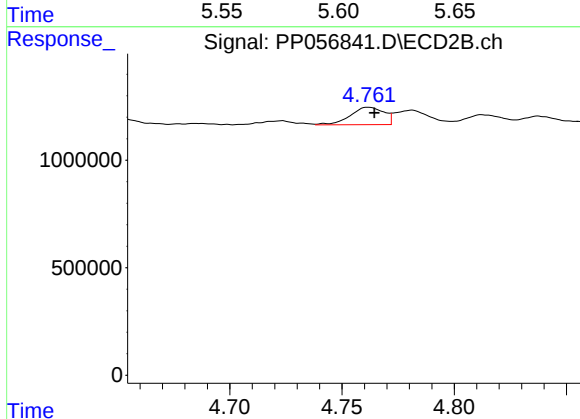
R.T.: 5.575 min
Delta R.T.: -0.002 min
Response: 44456077
Conc: 1114.97 ng/ml



#21 AR-1248-1

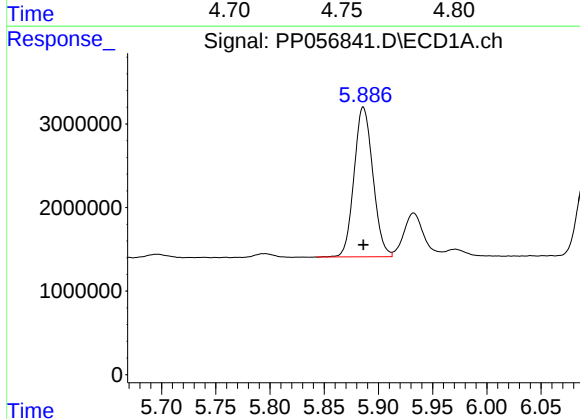
R.T.: 5.611 min
Delta R.T.: 0.000 min
Response: 1039359
Conc: 27.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



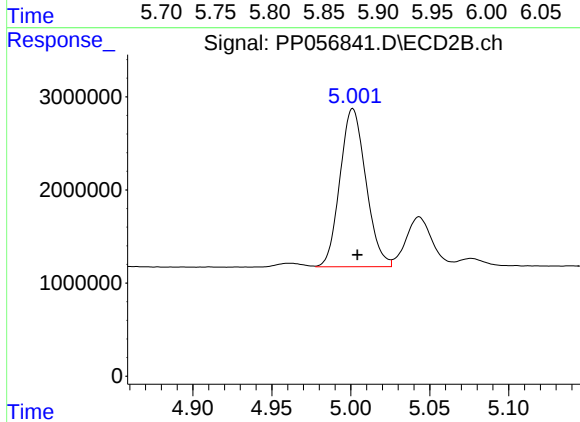
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 846111
Conc: 25.70 ng/ml



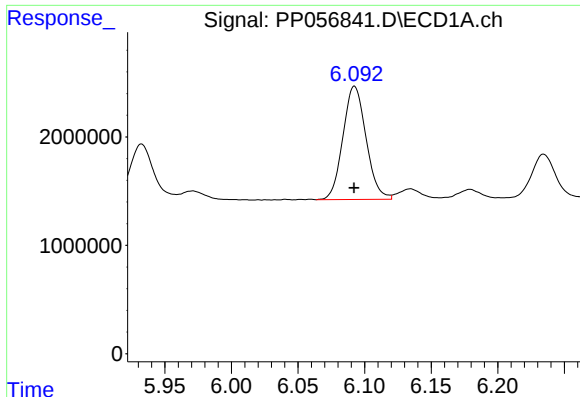
#22 AR-1248-2

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 21668443
Conc: 367.92 ng/ml



#22 AR-1248-2

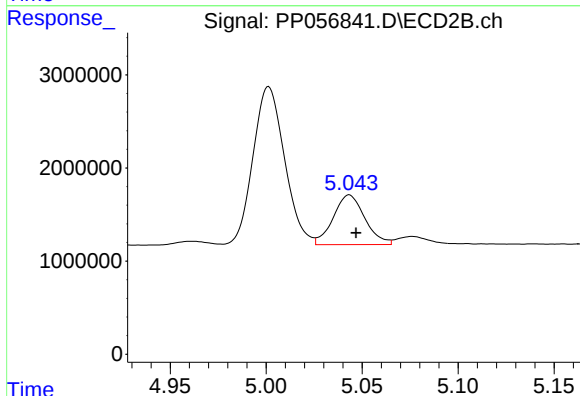
R.T.: 5.001 min
Delta R.T.: -0.003 min
Response: 19427666
Conc: 376.93 ng/ml



#23 AR-1248-3

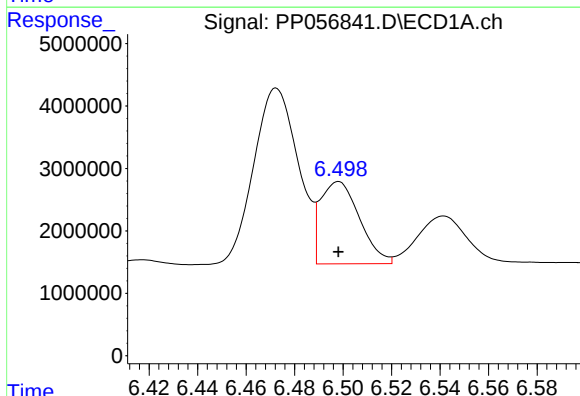
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 12663278
Conc: 198.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



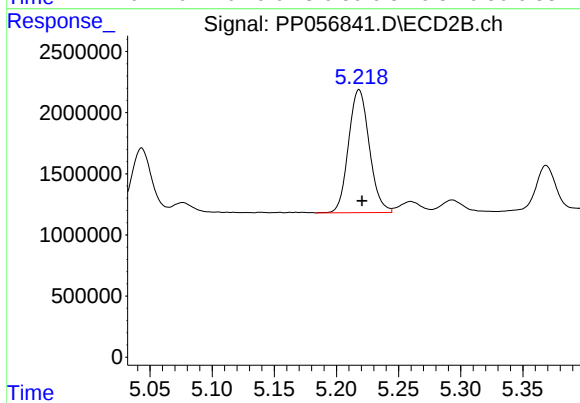
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 6122956
Conc: 114.06 ng/ml



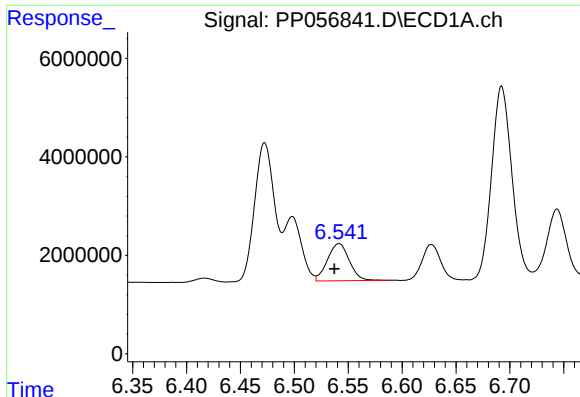
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 14739005
Conc: 253.79 ng/ml



#24 AR-1248-4

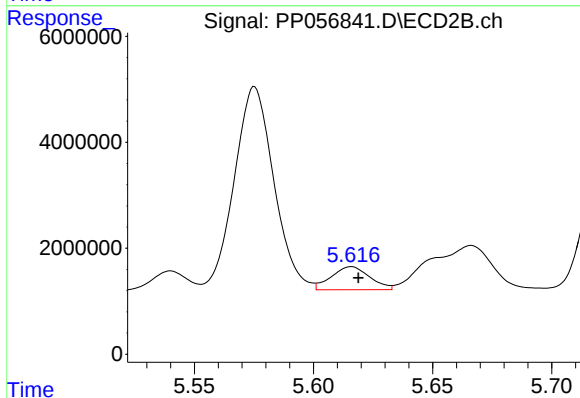
R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 11716261
Conc: 189.35 ng/ml



#25 AR-1248-5

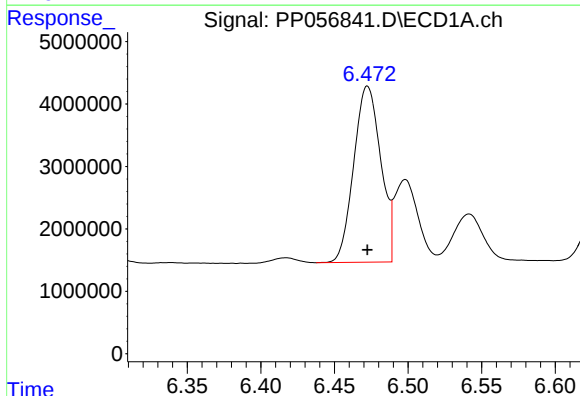
R.T.: 6.542 min
Delta R.T.: 0.004 min
Response: 10705898
Conc: 189.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



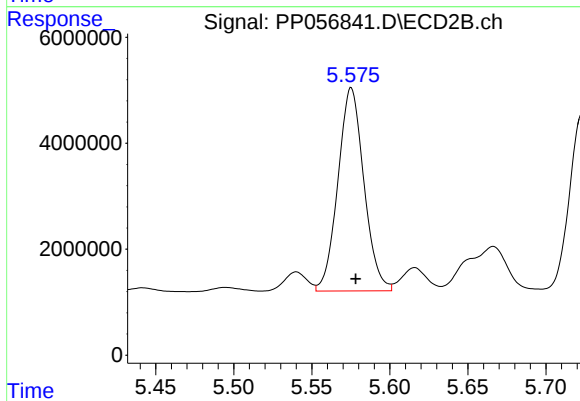
#25 AR-1248-5

R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 4884065
Conc: 95.12 ng/ml



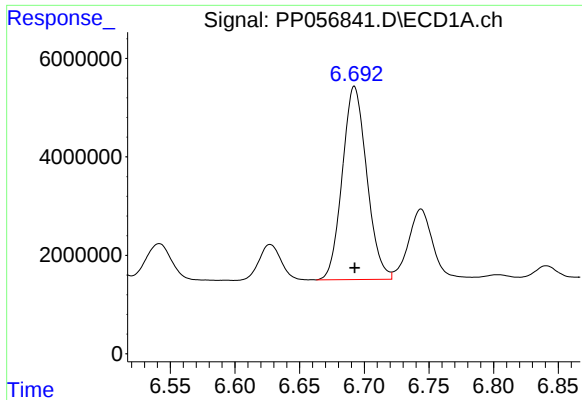
#26 AR-1254-1

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 36007687
Conc: 507.82 ng/ml



#26 AR-1254-1

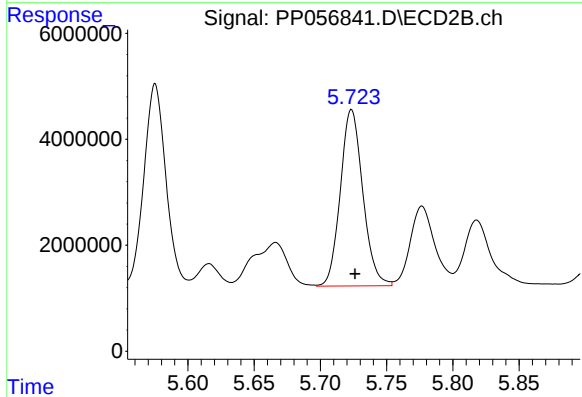
R.T.: 5.575 min
Delta R.T.: -0.003 min
Response: 44456077
Conc: 482.60 ng/ml



#27 AR-1254-2

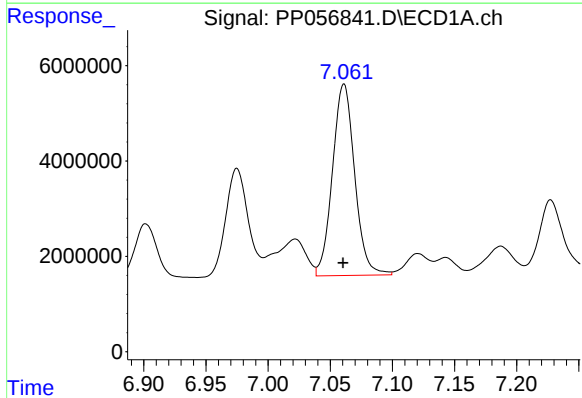
R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 51738781
Conc: 510.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



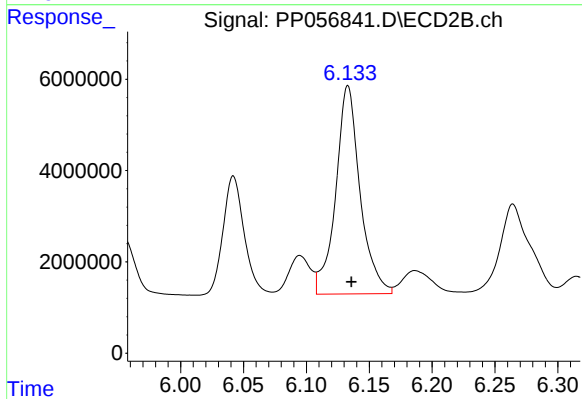
#27 AR-1254-2

R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 39365974
Conc: 489.81 ng/ml



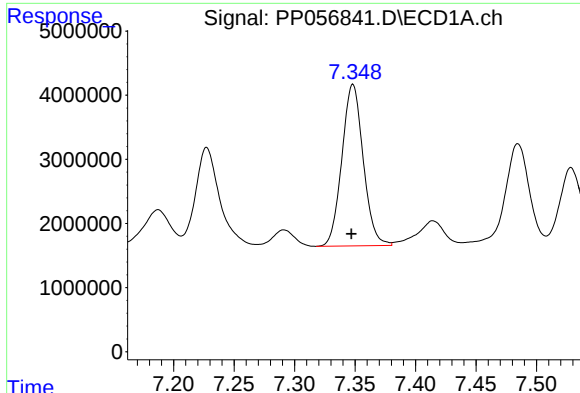
#28 AR-1254-3

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 50009749
Conc: 515.93 ng/ml



#28 AR-1254-3

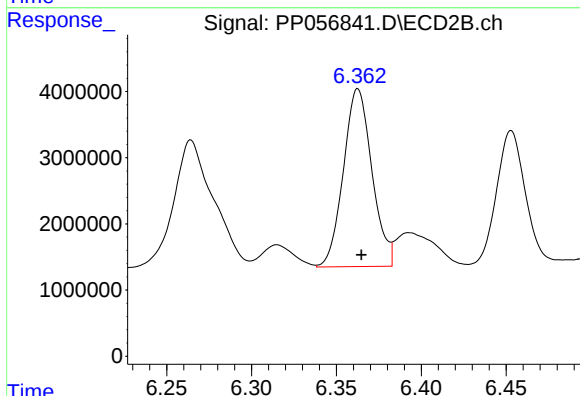
R.T.: 6.133 min
Delta R.T.: -0.003 min
Response: 61500888
Conc: 497.51 ng/ml



#29 AR-1254-4

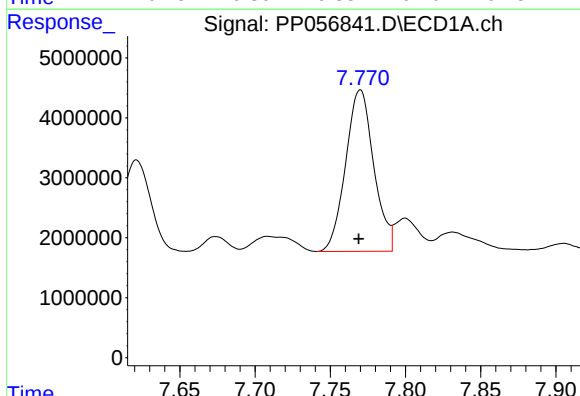
R.T.: 7.348 min
Delta R.T.: 0.001 min
Response: 30917965
Conc: 506.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



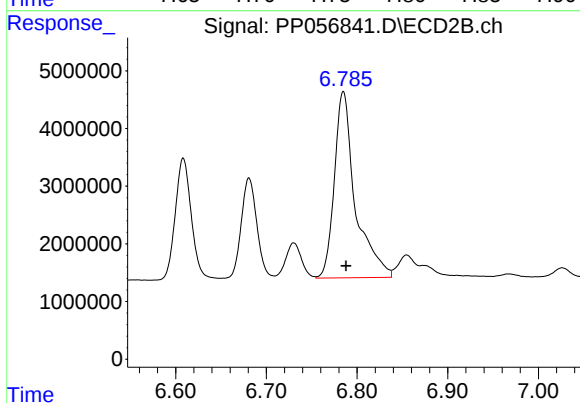
#29 AR-1254-4

R.T.: 6.363 min
Delta R.T.: -0.002 min
Response: 31434365
Conc: 494.58 ng/ml



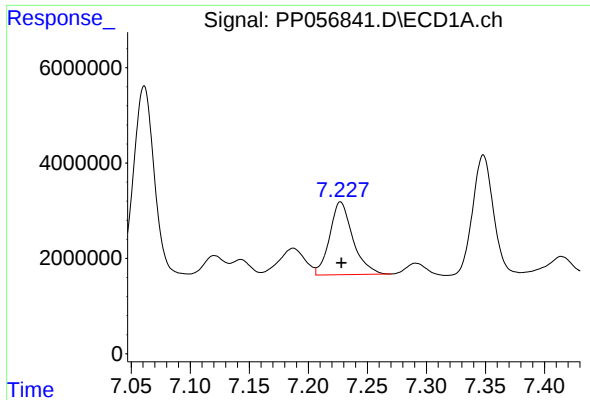
#30 AR-1254-5

R.T.: 7.770 min
Delta R.T.: 0.001 min
Response: 35015333
Conc: 513.86 ng/ml



#30 AR-1254-5

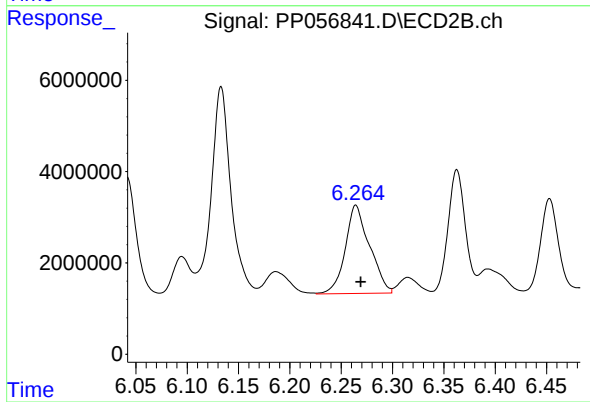
R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 51793095
Conc: 492.63 ng/ml



#31 AR-1260-1

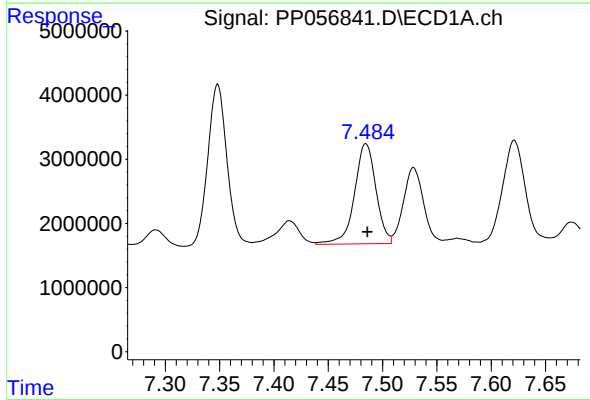
R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 20926630
Conc: 257.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



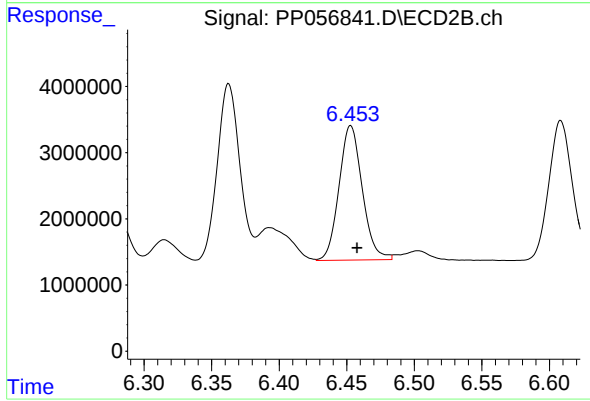
#31 AR-1260-1

R.T.: 6.264 min
Delta R.T.: -0.005 min
Response: 31827681
Conc: 332.77 ng/ml



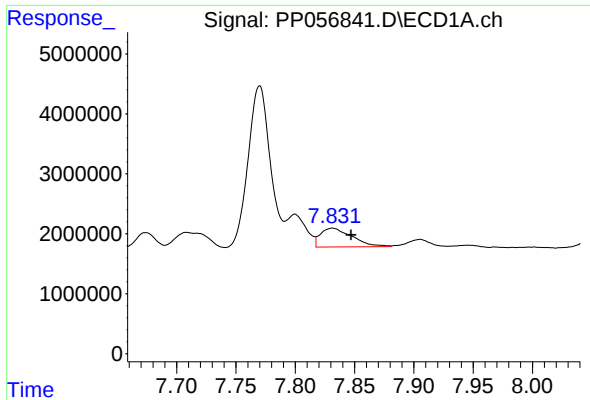
#32 AR-1260-2

R.T.: 7.485 min
Delta R.T.: -0.001 min
Response: 21502697
Conc: 252.03 ng/ml



#32 AR-1260-2

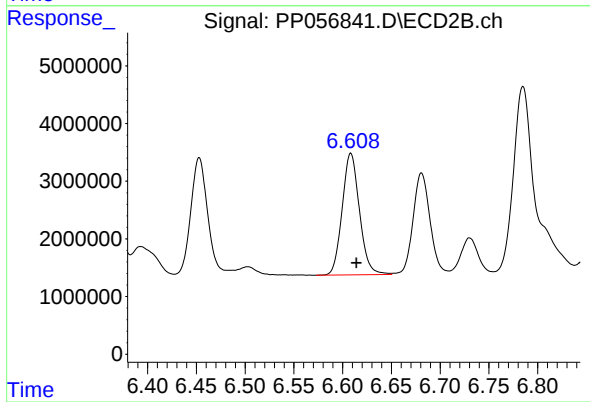
R.T.: 6.453 min
Delta R.T.: -0.005 min
Response: 24310426
Conc: 235.39 ng/ml



#33 AR-1260-3

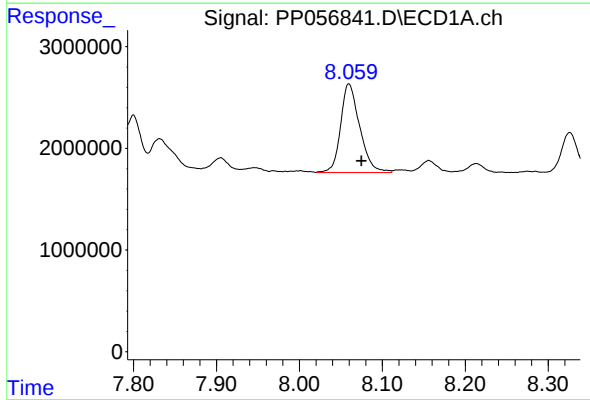
R.T.: 7.831 min
Delta R.T.: -0.016 min
Response: 5803132
Conc: 83.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



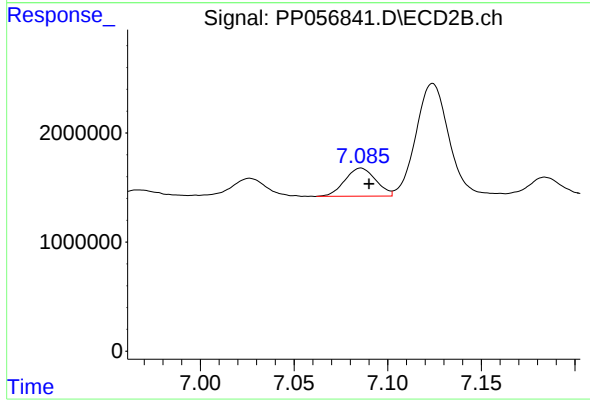
#33 AR-1260-3

R.T.: 6.608 min
Delta R.T.: -0.006 min
Response: 25976974
Conc: 250.49 ng/ml



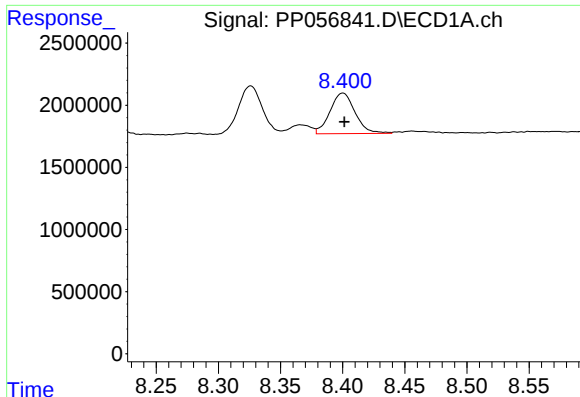
#34 AR-1260-4

R.T.: 8.060 min
Delta R.T.: -0.015 min
Response: 13968592
Conc: 183.08 ng/ml



#34 AR-1260-4

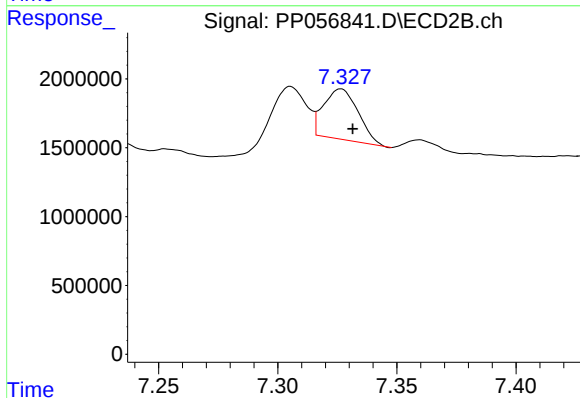
R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 2963183
Conc: 34.69 ng/ml



#35 AR-1260-5

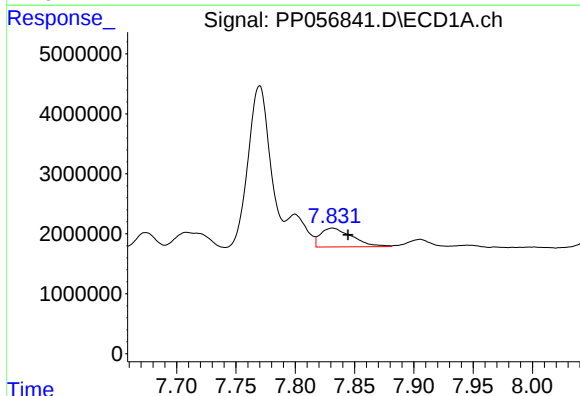
R.T.: 8.400 min
Delta R.T.: -0.001 min
Response: 4599733
Conc: 36.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



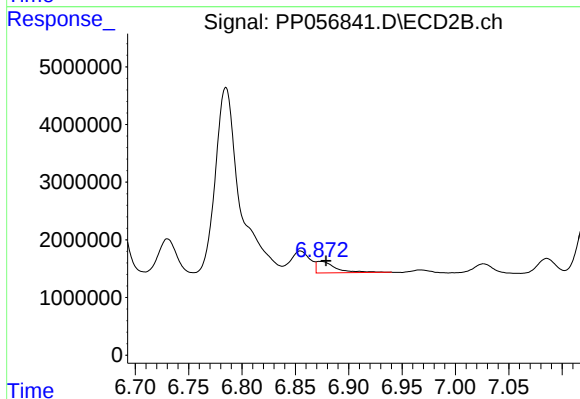
#35 AR-1260-5

R.T.: 7.327 min
Delta R.T.: -0.005 min
Response: 3681415
Conc: 23.26 ng/ml



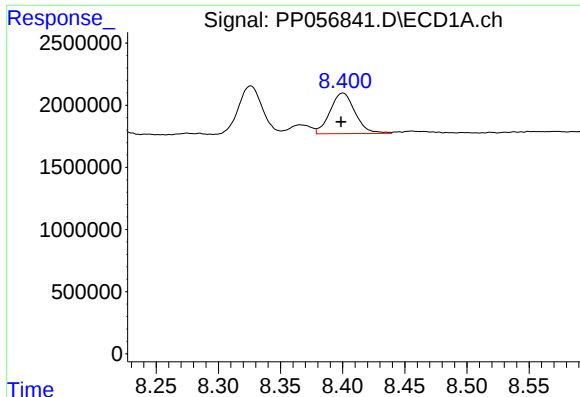
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: -0.013 min
Response: 5803132
Conc: 65.88 ng/ml



#36 AR-1262-1

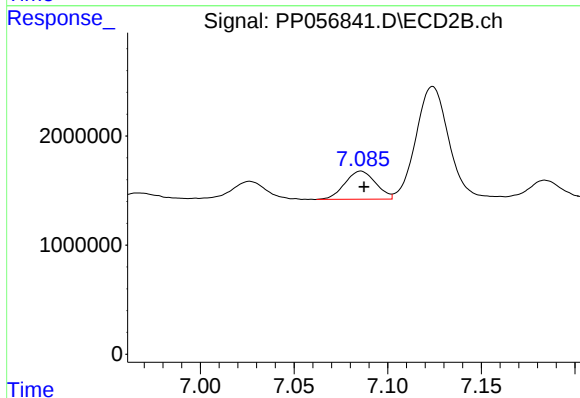
R.T.: 6.873 min
Delta R.T.: -0.005 min
Response: 2440388
Conc: 52.16 ng/ml



#37 AR-1262-2

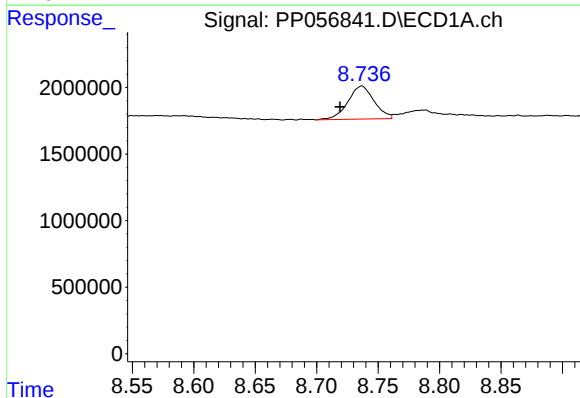
R.T.: 8.400 min
Delta R.T.: 0.001 min
Response: 4599733
Conc: 35.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



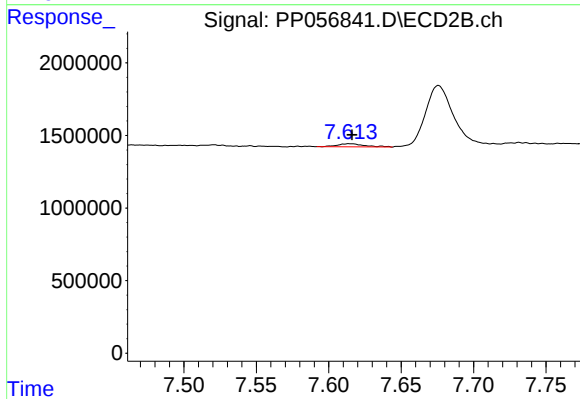
#37 AR-1262-2

R.T.: 7.086 min
Delta R.T.: -0.002 min
Response: 2963183
Conc: 30.30 ng/ml



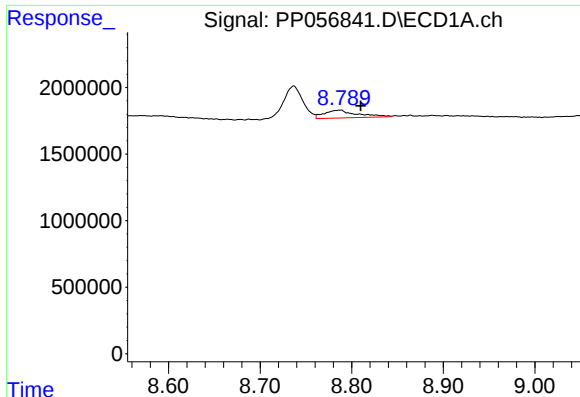
#38 AR-1262-3

R.T.: 8.737 min
Delta R.T.: 0.018 min
Response: 3687047
Conc: 40.03 ng/ml



#38 AR-1262-3

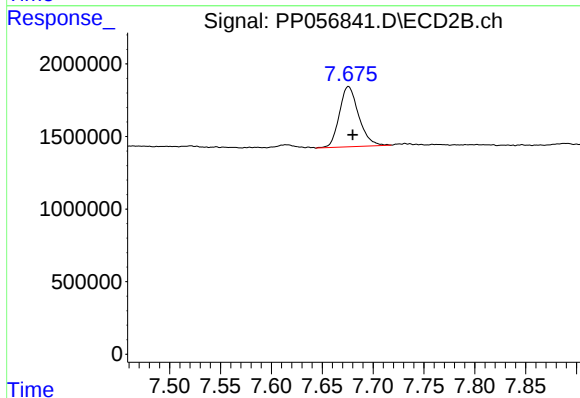
R.T.: 7.615 min
Delta R.T.: -0.001 min
Response: 268426
Conc: 4.04 ng/ml



#39 AR-1262-4

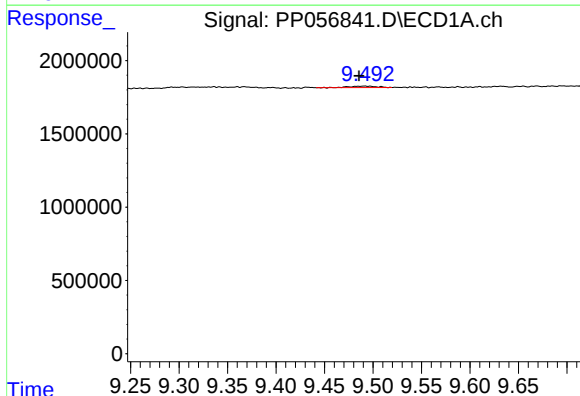
R.T.: 8.788 min
Delta R.T.: -0.022 min
Response: 1450974
Conc: 31.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



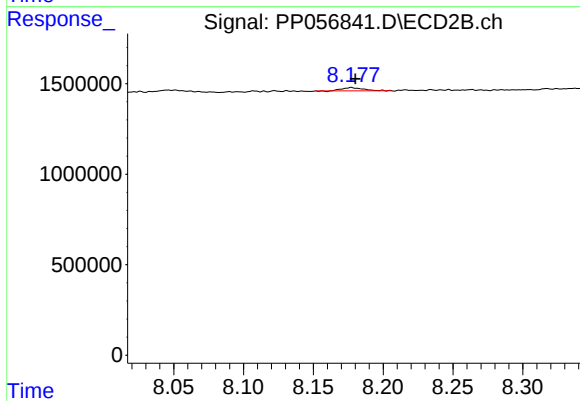
#39 AR-1262-4

R.T.: 7.676 min
Delta R.T.: -0.004 min
Response: 5467819
Conc: 46.39 ng/ml



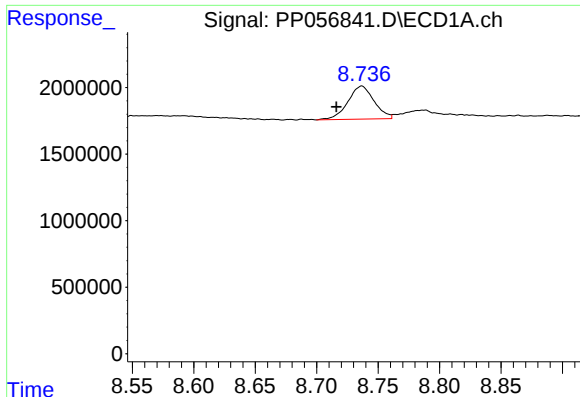
#40 AR-1262-5

R.T.: 9.492 min
Delta R.T.: 0.006 min
Response: 192960
Conc: 4.80 ng/ml



#40 AR-1262-5

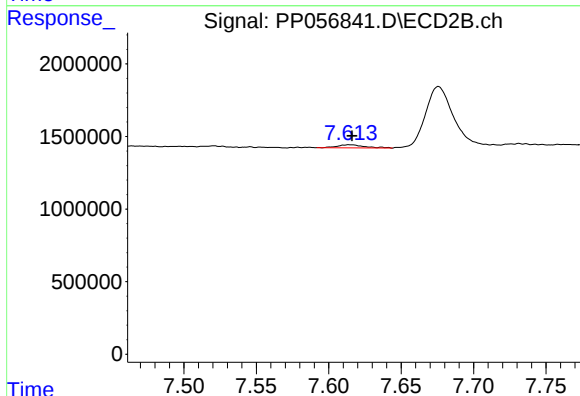
R.T.: 8.177 min
Delta R.T.: -0.003 min
Response: 188270
Conc: 3.86 ng/ml



#41 AR-1268-1

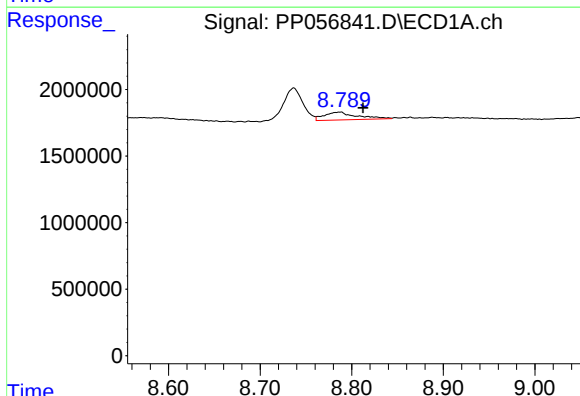
R.T.: 8.737 min
Delta R.T.: 0.021 min
Response: 3687047
Conc: 19.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



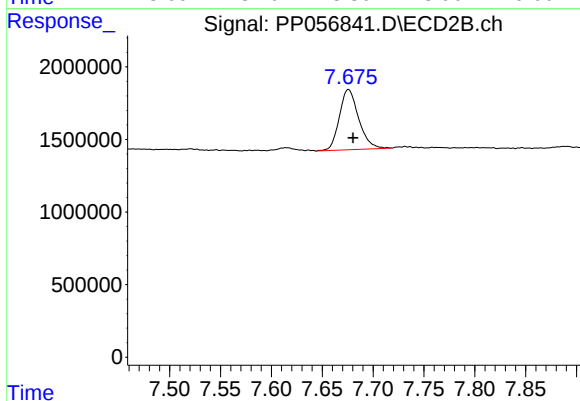
#41 AR-1268-1

R.T.: 7.615 min
Delta R.T.: -0.001 min
Response: 268426
Conc: 1.21 ng/ml



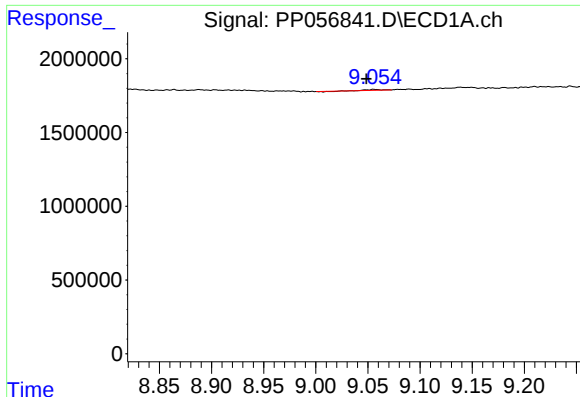
#42 AR-1268-2

R.T.: 8.788 min
Delta R.T.: -0.025 min
Response: 1450974
Conc: 8.74 ng/ml



#42 AR-1268-2

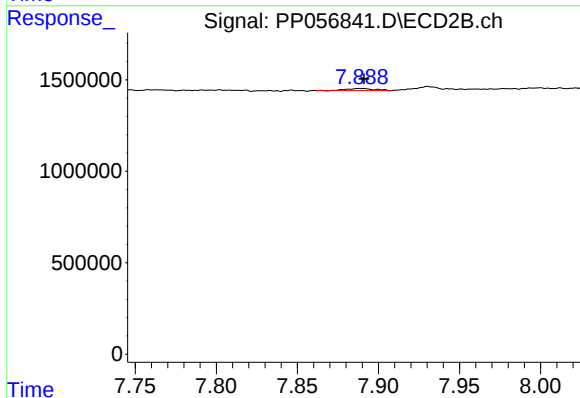
R.T.: 7.676 min
Delta R.T.: -0.004 min
Response: 5467819
Conc: 28.16 ng/ml



#43 AR-1268-3

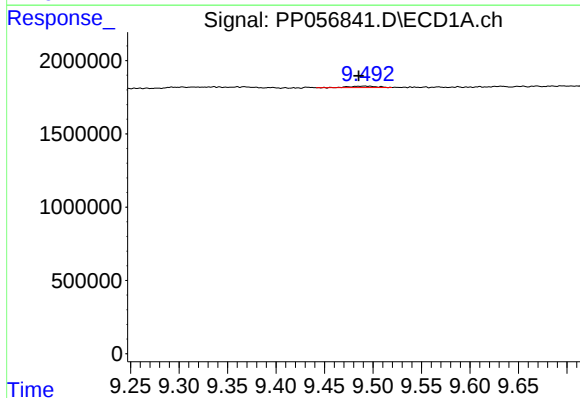
R.T.: 9.056 min
Delta R.T.: 0.007 min
Response: 49219
Conc: 0.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



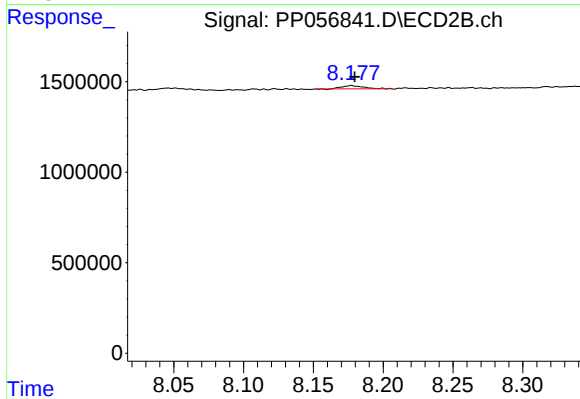
#43 AR-1268-3

R.T.: 7.889 min
Delta R.T.: -0.002 min
Response: 141612
Conc: 0.71 ng/ml



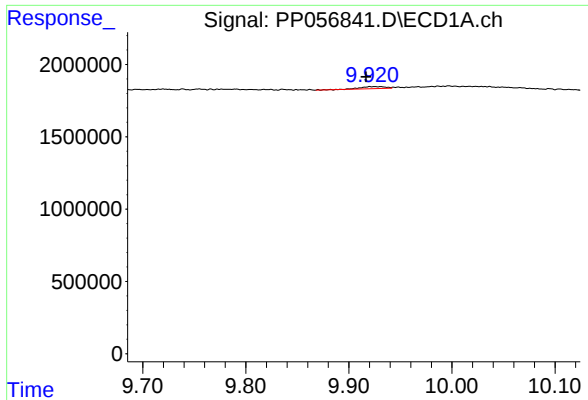
#44 AR-1268-4

R.T.: 9.492 min
Delta R.T.: 0.006 min
Response: 192960
Conc: 4.16 ng/ml



#44 AR-1268-4

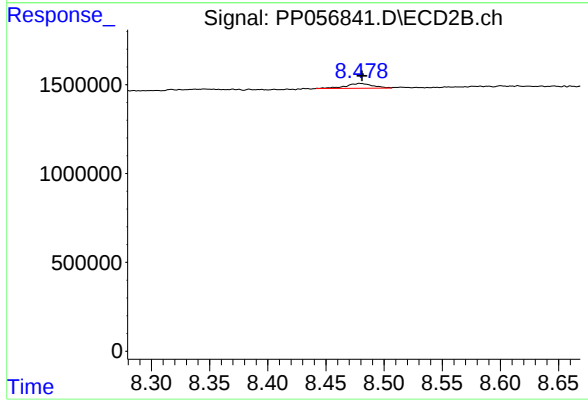
R.T.: 8.177 min
Delta R.T.: -0.003 min
Response: 188270
Conc: 3.25 ng/ml



#45 AR-1268-5

R.T.: 9.925 min
Delta R.T.: 0.008 min
Response: 233078
Conc: 0.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.480 min
Delta R.T.: -0.002 min
Response: 430513
Conc: 0.85 ng/ml