

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072023\
 Data File : PP058796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 12:34
 Operator : YP\AJ
 Sample : 03566-20
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:52:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 20 03:59:18 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...	4.425	3.666	24193932	36016085	16.558	16.854
2)	SA Decachlor...	10.222	8.716	19079923	34071505	21.364	18.756
Target Compounds							
3)	L1 AR-1016-1	5.600	4.774	407557	614269	9.500	9.426
4)	L1 AR-1016-2	5.627	4.782	1628956	458485	26.927	4.916 #
5)	L1 AR-1016-3	5.665f	4.965	1164264	268178	30.048	5.475 #
6)	L1 AR-1016-4	5.762f	5.001	479972	936088	15.492	21.744 #
7)	L1 AR-1016-5	6.094	5.215	1933901	786417	61.113	14.203 #
8)	L2 AR-1221-1	4.632	3.887	5412898	509654	287.118	19.842 #
9)	L2 AR-1221-2	4.734	3.969	289796	706498	20.758	36.629 #
10)	L2 AR-1221-3	4.783f	4.046	230186	188956	5.630	3.148 #
11)	L3 AR-1232-1	4.814f	4.046	317873	188956	9.663	3.863 #
12)	L3 AR-1232-2	5.330	4.782	126575	458485	7.278	10.759 #
13)	L3 AR-1232-3	5.627	4.965	1628956	268178	57.508	11.981 #
14)	L3 AR-1232-4	5.762f	5.044	479972	527256	33.562	24.090 #
15)	L3 AR-1232-5	5.876	5.215	570975	786417	48.574	32.114 #
16)	L4 AR-1242-1	5.600	4.774	407557	614269	10.662	10.862
17)	L4 AR-1242-2	5.627	4.782	1628956	458485	30.431	5.689 #
18)	L4 AR-1242-3	5.665f	4.965	1164264	268178	34.062	6.297 #
19)	L4 AR-1242-4	5.762f	5.044	479972	527256	17.466	11.868 #
20)	L4 AR-1242-5	6.528	5.571	1050512	4863002	40.339	93.200 #
21)	L5 AR-1248-1	5.600	4.774	407557	614269	15.051	15.203
22)	L5 AR-1248-2	5.876	5.001	570975	936088	14.453	15.366
23)	L5 AR-1248-3	6.094	5.044	1933901	527256	43.602	8.552 #
24)	L5 AR-1248-4	6.496	5.215	2168306	786417	51.369	10.797 #
25)	L5 AR-1248-5	6.528	5.611	1050512	1335852	25.743	20.536
26)	L6 AR-1254-1	6.457	5.571	3049878	4863002	62.667	44.454 #
27)	L6 AR-1254-2	6.681	5.719	3565614	4718868	49.872	49.404
28)	L6 AR-1254-3	7.047	6.124	3890812	10477111	52.762	69.581 #
29)	L6 AR-1254-4	7.333	6.355	2153856	4055290	44.003	49.110
30)	L6 AR-1254-5	7.755	6.774	5566260	19519187	102.813	152.386 #
31)	L7 AR-1260-1	7.214	6.255	2542087	7936952	44.621	72.353 #
32)	L7 AR-1260-2	7.468	6.450	7915516	19881458	122.269	157.015 #
33)	L7 AR-1260-3	7.831	6.598	2709744	4754753	54.750	39.214 #
34)	L7 AR-1260-4	8.051	7.072	2739585	7936363	51.583	79.467 #
35)	L7 AR-1260-5	8.379	7.315	4166513	5623265	43.296	27.371 #
36)	L8 AR-1262-1	7.831	6.865	2709744	2896172	39.209	48.989
37)	L8 AR-1262-2	8.379	7.072	4166513	7936363	38.855	63.620 #
38)	L8 AR-1262-3	8.693	7.601	9676977	18627533	130.301	196.647 #
39)	L8 AR-1262-4	8.787	7.665	7388273	17275969	127.024	103.907
40)	L8 AR-1262-5	9.452	8.162	2057328	4079608	56.569	57.953
41)	L9 AR-1268-1	8.693	7.601	9676977	18627533	74.955	66.828

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 ALS Vial : 17 Sample Multiplier: 1

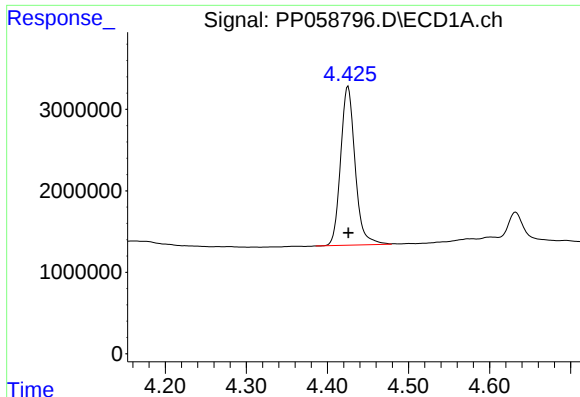
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:52:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071923.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	8.787	7.665	7388273	17275969	62.874	69.940
43) L9	AR-1268-3	9.020	7.875	8043901	16282935	78.849	73.381
44) L9	AR-1268-4	9.452	8.162	2057328	4079608	53.417	52.222
45) L9	AR-1268-5	9.873	8.457	23698271	41614573	71.920	65.391

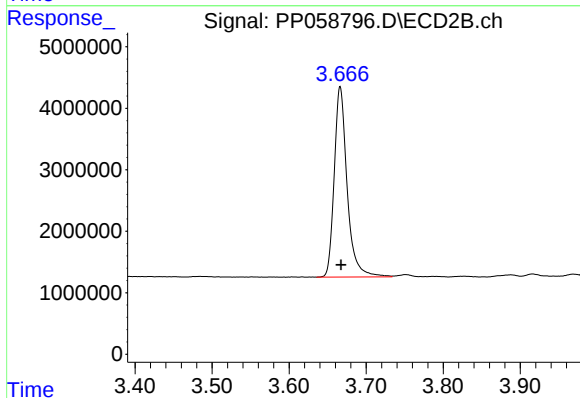
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

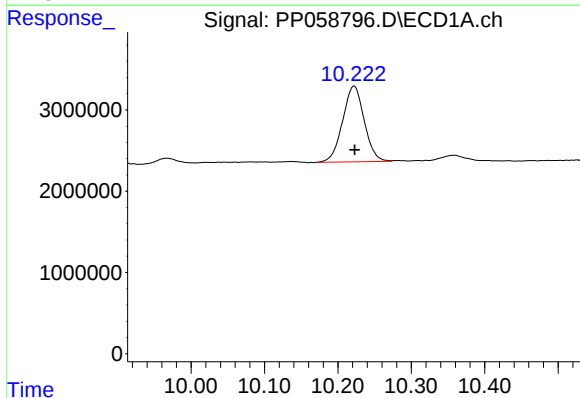
R.T.: 4.425 min
Delta R.T.: 0.000 min
Response: 24193932
Conc: 16.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



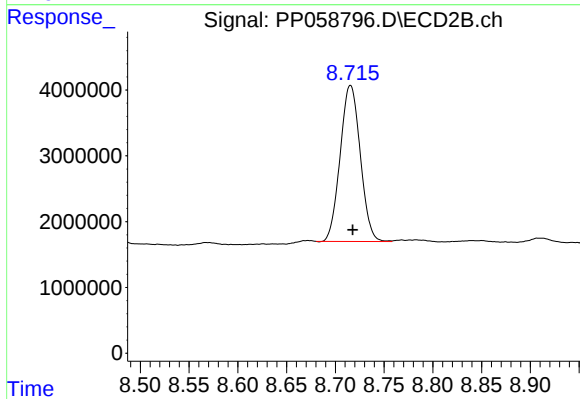
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 36016085
Conc: 16.85 ng/ml



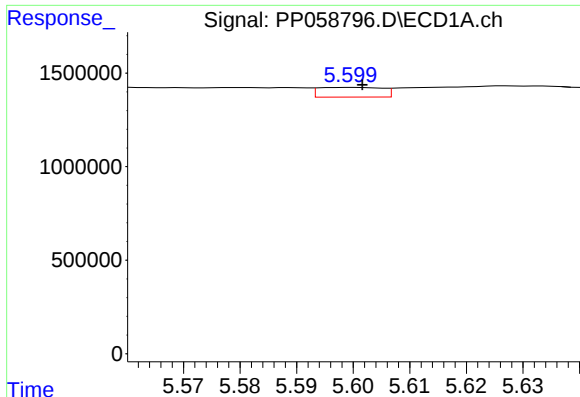
#2 Decachlorobiphenyl

R.T.: 10.222 min
Delta R.T.: 0.000 min
Response: 19079923
Conc: 21.36 ng/ml



#2 Decachlorobiphenyl

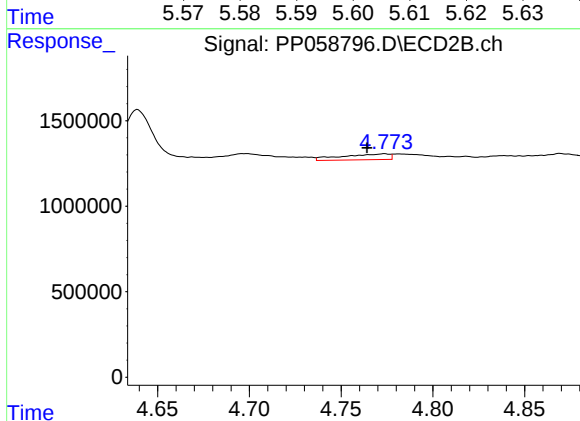
R.T.: 8.716 min
Delta R.T.: -0.002 min
Response: 34071505
Conc: 18.76 ng/ml



#3 AR-1016-1

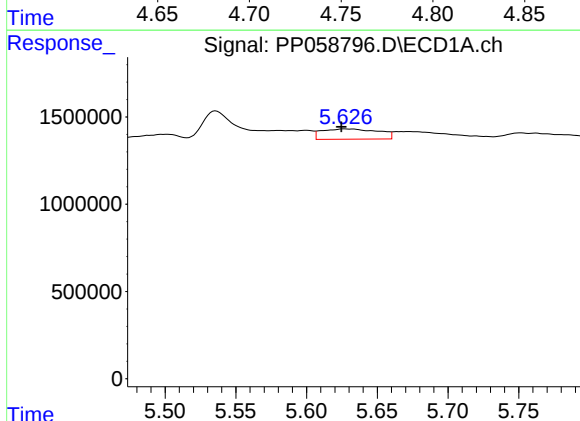
R.T.: 5.600 min
Delta R.T.: -0.002 min
Response: 407557
Conc: 9.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



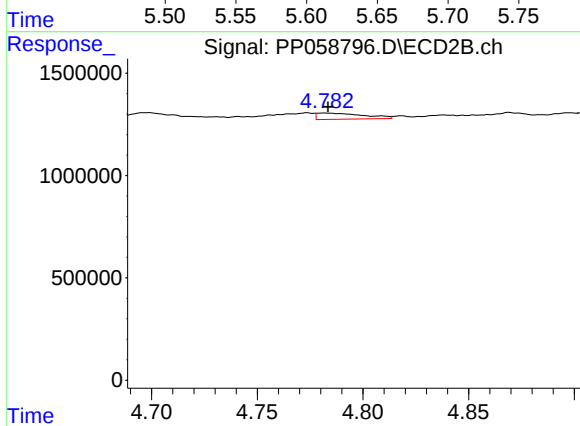
#3 AR-1016-1

R.T.: 4.774 min
Delta R.T.: 0.009 min
Response: 614269
Conc: 9.43 ng/ml



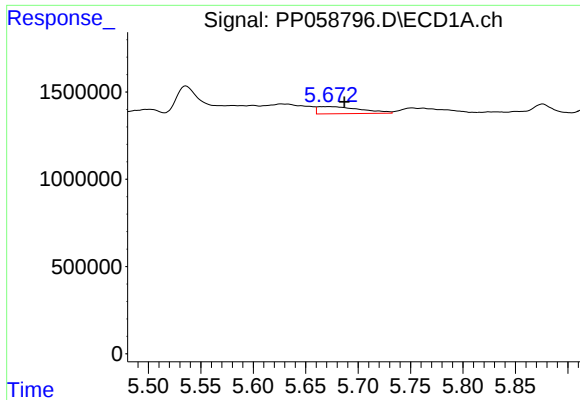
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: 0.002 min
Response: 1628956
Conc: 26.93 ng/ml



#4 AR-1016-2

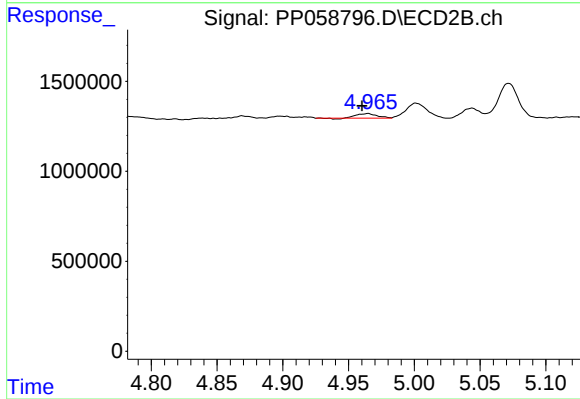
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 458485
Conc: 4.92 ng/ml



#5 AR-1016-3

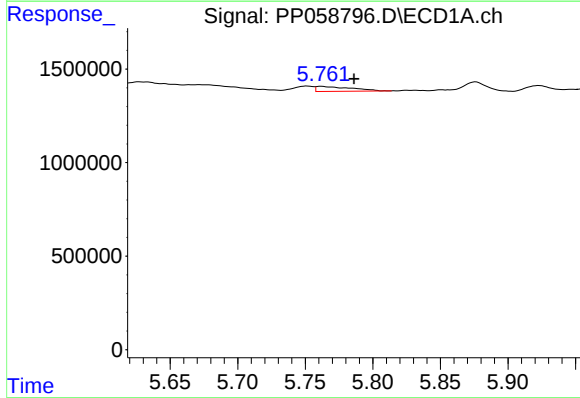
R.T.: 5.665 min
Delta R.T.: -0.022 min
Response: 1164264
Conc: 30.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



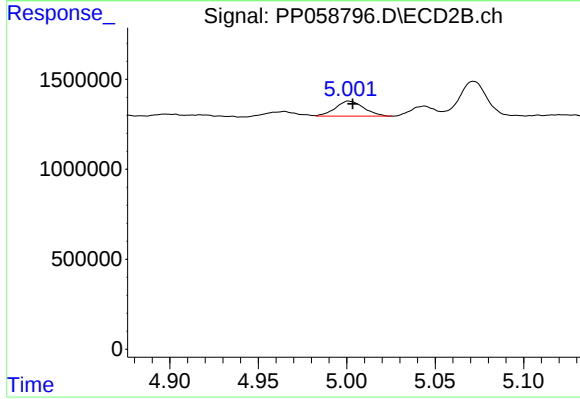
#5 AR-1016-3

R.T.: 4.965 min
Delta R.T.: 0.004 min
Response: 268178
Conc: 5.47 ng/ml



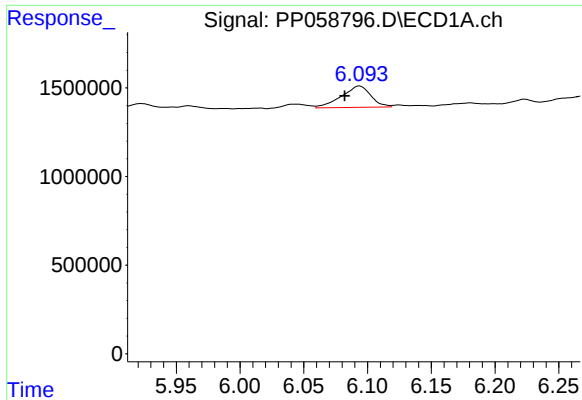
#6 AR-1016-4

R.T.: 5.762 min
Delta R.T.: -0.024 min
Response: 479972
Conc: 15.49 ng/ml



#6 AR-1016-4

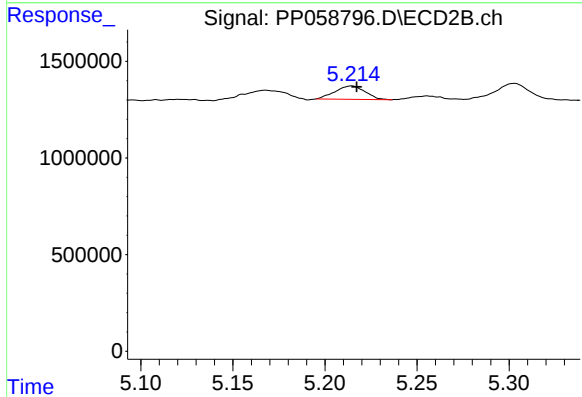
R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 936088
Conc: 21.74 ng/ml



#7 AR-1016-5

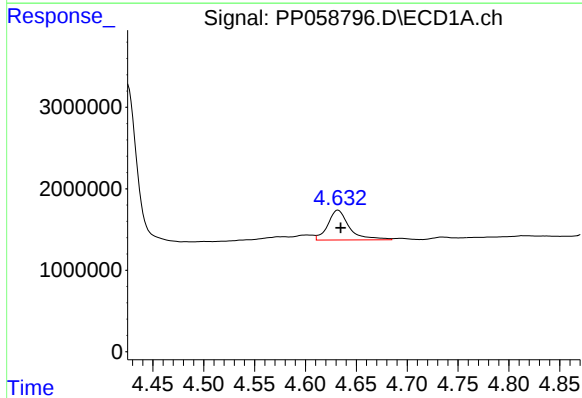
R.T.: 6.094 min
Delta R.T.: 0.012 min
Response: 1933901
Conc: 61.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



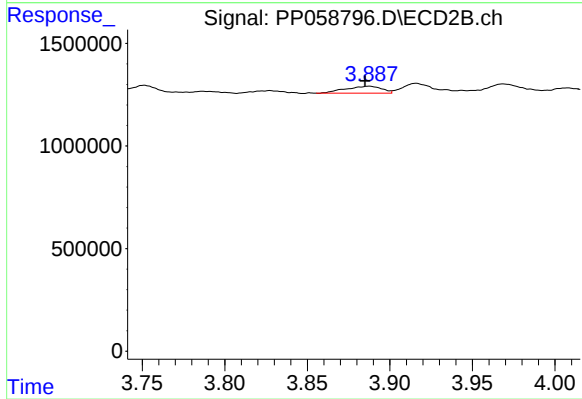
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 786417
Conc: 14.20 ng/ml



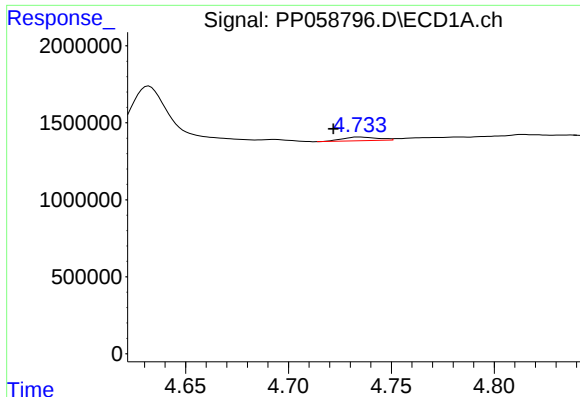
#8 AR-1221-1

R.T.: 4.632 min
Delta R.T.: -0.002 min
Response: 5412898
Conc: 287.12 ng/ml



#8 AR-1221-1

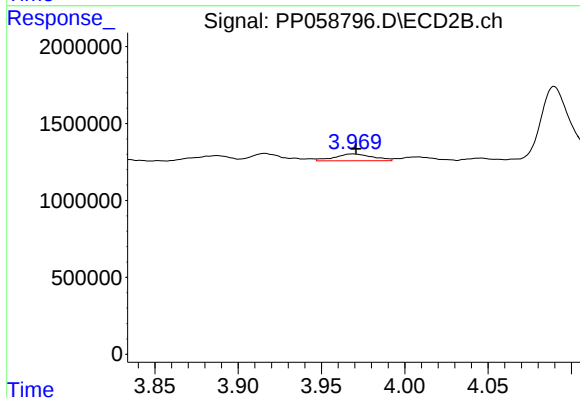
R.T.: 3.887 min
Delta R.T.: 0.002 min
Response: 509654
Conc: 19.84 ng/ml



#9 AR-1221-2

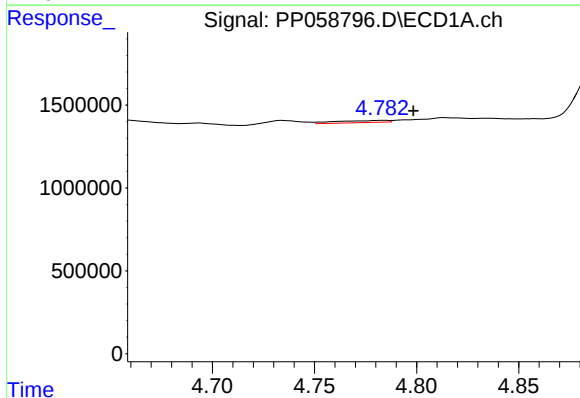
R.T.: 4.734 min
Delta R.T.: 0.013 min
Response: 289796
Conc: 20.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



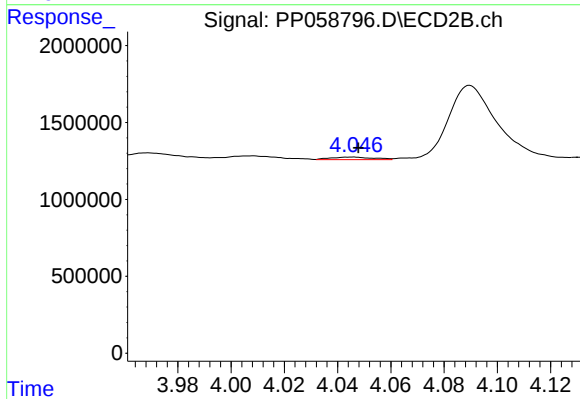
#9 AR-1221-2

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 706498
Conc: 36.63 ng/ml



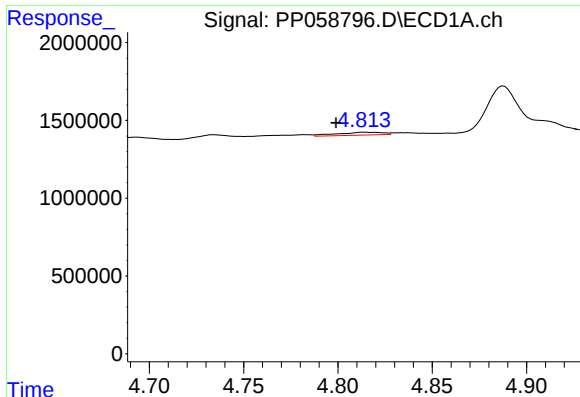
#10 AR-1221-3

R.T.: 4.783 min
Delta R.T.: -0.015 min
Response: 230186
Conc: 5.63 ng/ml



#10 AR-1221-3

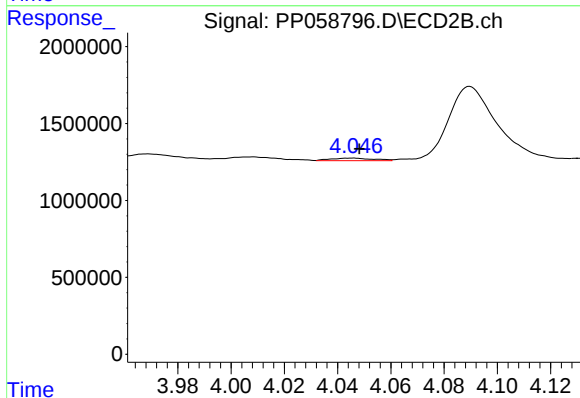
R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 188956
Conc: 3.15 ng/ml



#11 AR-1232-1

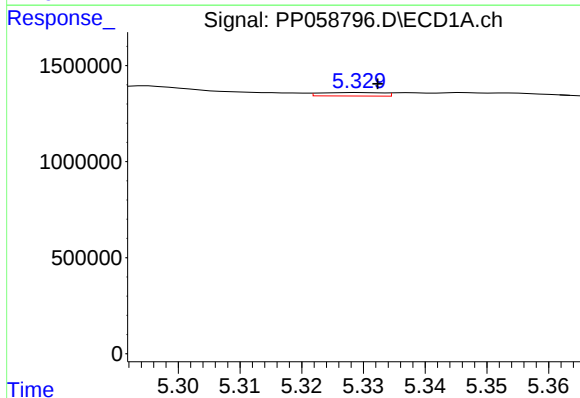
R.T.: 4.814 min
Delta R.T.: 0.015 min
Response: 317873
Conc: 9.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



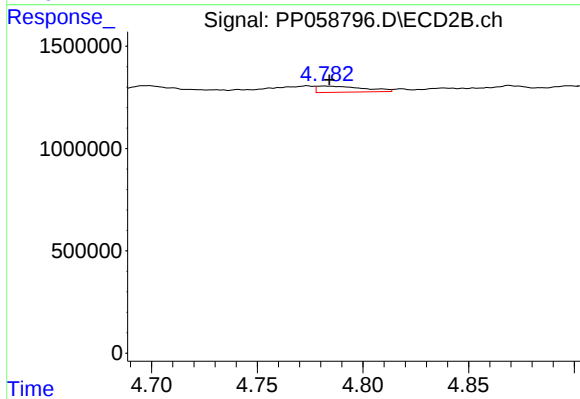
#11 AR-1232-1

R.T.: 4.046 min
Delta R.T.: -0.003 min
Response: 188956
Conc: 3.86 ng/ml



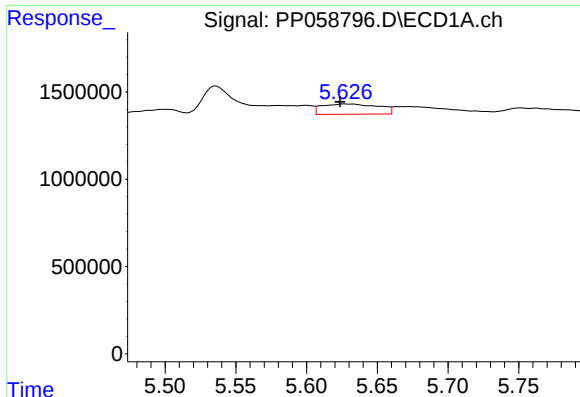
#12 AR-1232-2

R.T.: 5.330 min
Delta R.T.: -0.003 min
Response: 126575
Conc: 7.28 ng/ml



#12 AR-1232-2

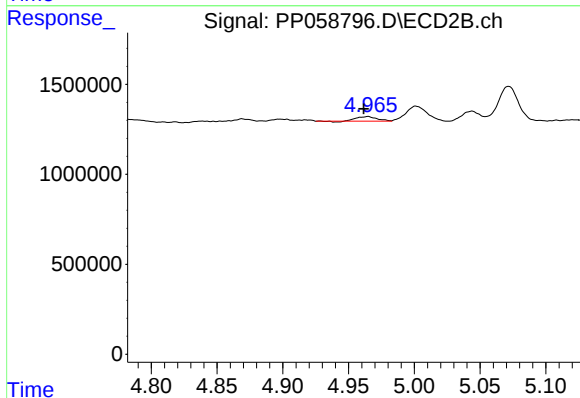
R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 458485
Conc: 10.76 ng/ml



#13 AR-1232-3

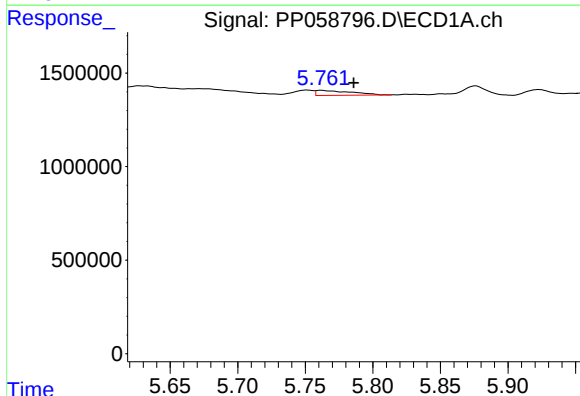
R.T.: 5.627 min
Delta R.T.: 0.003 min
Response: 1628956
Conc: 57.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



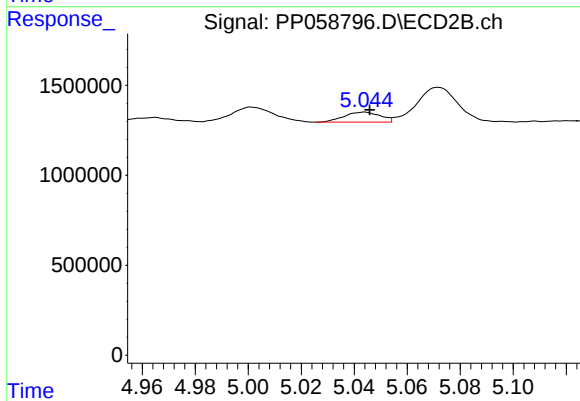
#13 AR-1232-3

R.T.: 4.965 min
Delta R.T.: 0.003 min
Response: 268178
Conc: 11.98 ng/ml



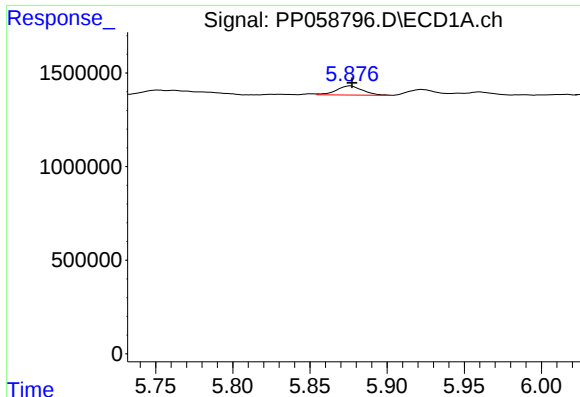
#14 AR-1232-4

R.T.: 5.762 min
Delta R.T.: -0.024 min
Response: 479972
Conc: 33.56 ng/ml



#14 AR-1232-4

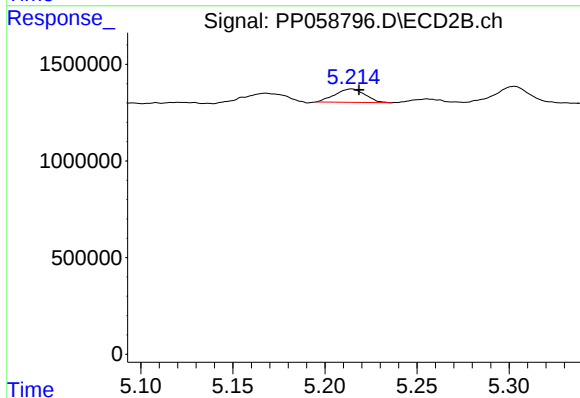
R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 527256
Conc: 24.09 ng/ml



#15 AR-1232-5

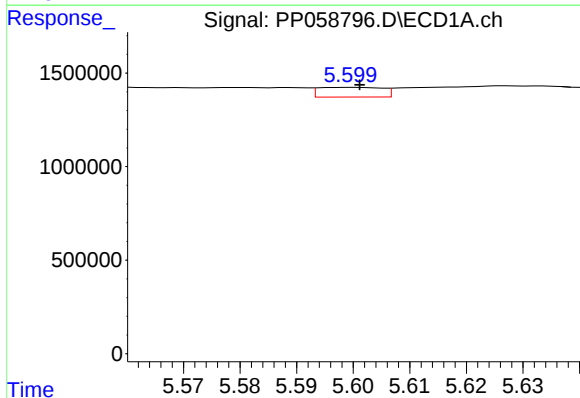
R.T.: 5.876 min
Delta R.T.: -0.001 min
Response: 570975
Conc: 48.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



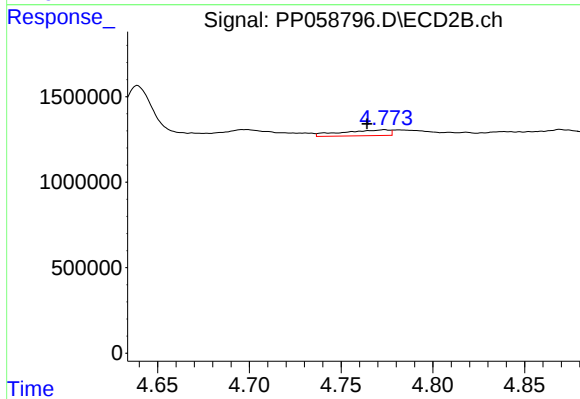
#15 AR-1232-5

R.T.: 5.215 min
Delta R.T.: -0.004 min
Response: 786417
Conc: 32.11 ng/ml



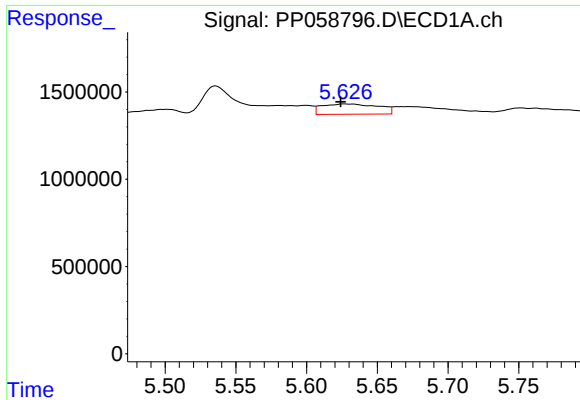
#16 AR-1242-1

R.T.: 5.600 min
Delta R.T.: -0.001 min
Response: 407557
Conc: 10.66 ng/ml



#16 AR-1242-1

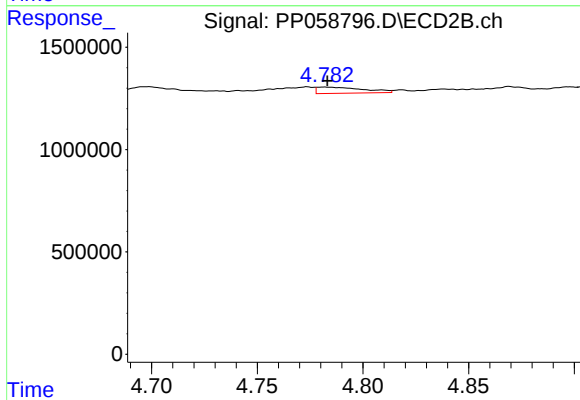
R.T.: 4.774 min
Delta R.T.: 0.009 min
Response: 614269
Conc: 10.86 ng/ml



#17 AR-1242-2

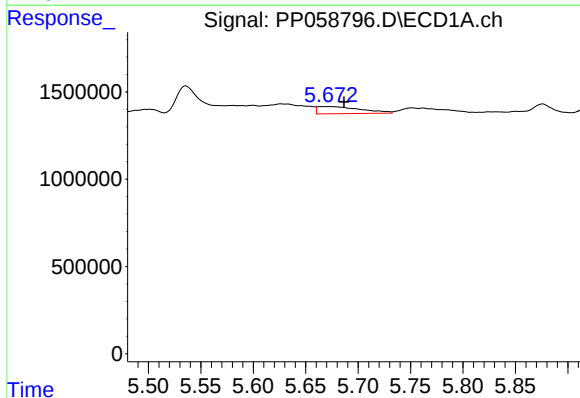
R.T.: 5.627 min
Delta R.T.: 0.003 min
Response: 1628956
Conc: 30.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



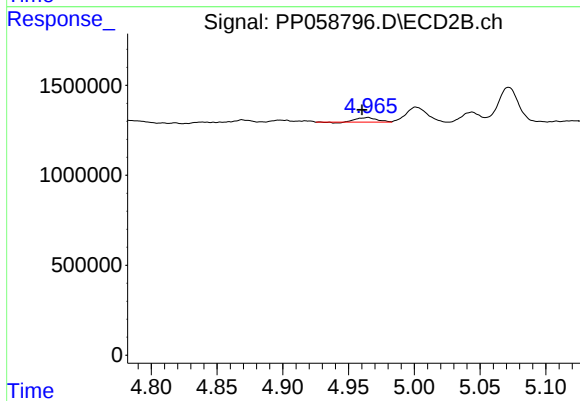
#17 AR-1242-2

R.T.: 4.782 min
Delta R.T.: -0.001 min
Response: 458485
Conc: 5.69 ng/ml



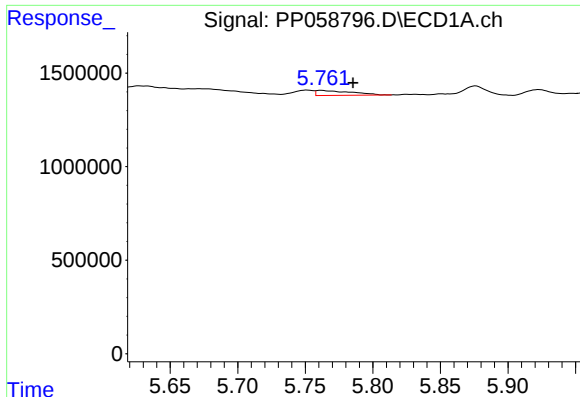
#18 AR-1242-3

R.T.: 5.665 min
Delta R.T.: -0.022 min
Response: 1164264
Conc: 34.06 ng/ml



#18 AR-1242-3

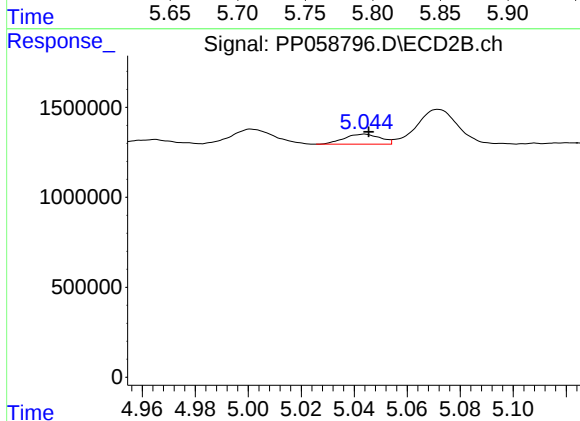
R.T.: 4.965 min
Delta R.T.: 0.004 min
Response: 268178
Conc: 6.30 ng/ml



#19 AR-1242-4

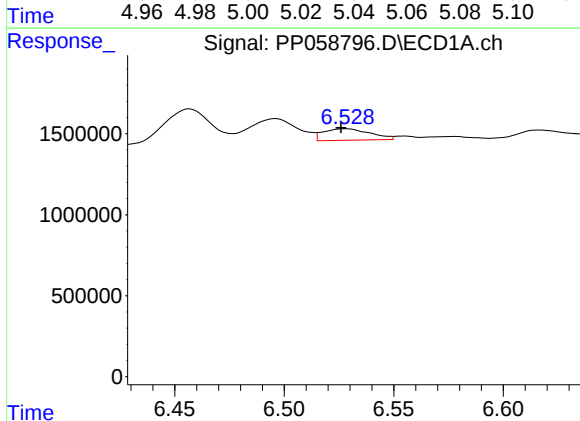
R.T.: 5.762 min
Delta R.T.: -0.023 min
Response: 479972
Conc: 17.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



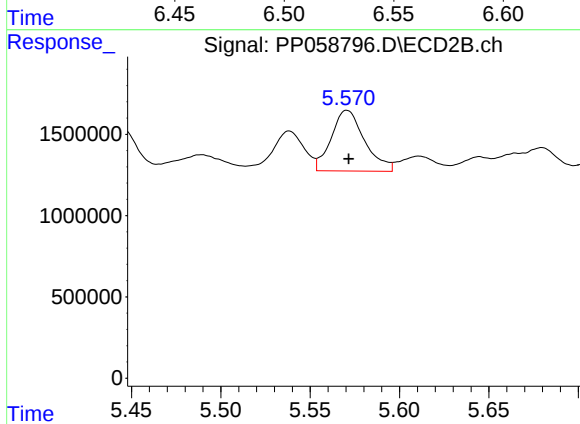
#19 AR-1242-4

R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 527256
Conc: 11.87 ng/ml



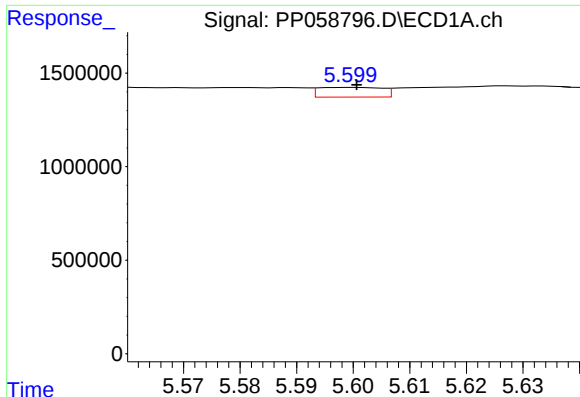
#20 AR-1242-5

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 1050512
Conc: 40.34 ng/ml



#20 AR-1242-5

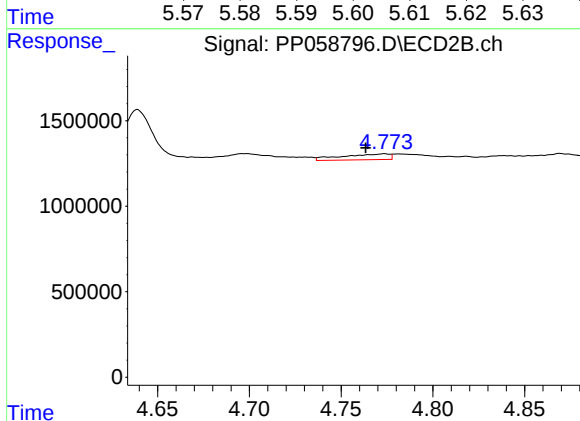
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 4863002
Conc: 93.20 ng/ml



#21 AR-1248-1

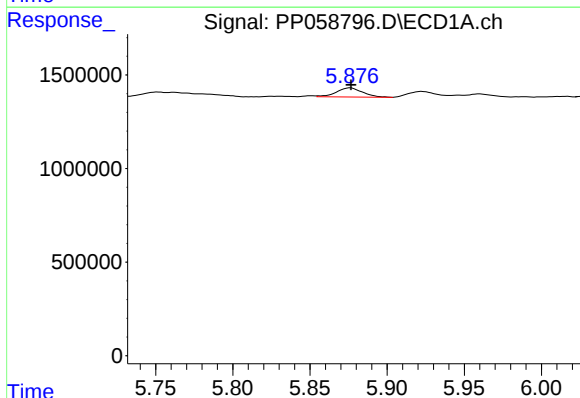
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 407557
Conc: 15.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



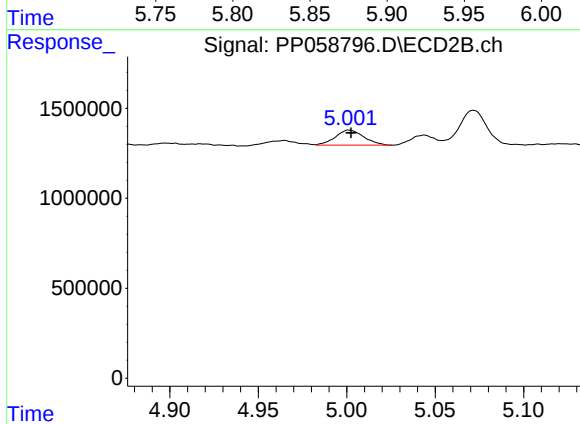
#21 AR-1248-1

R.T.: 4.774 min
Delta R.T.: 0.010 min
Response: 614269
Conc: 15.20 ng/ml



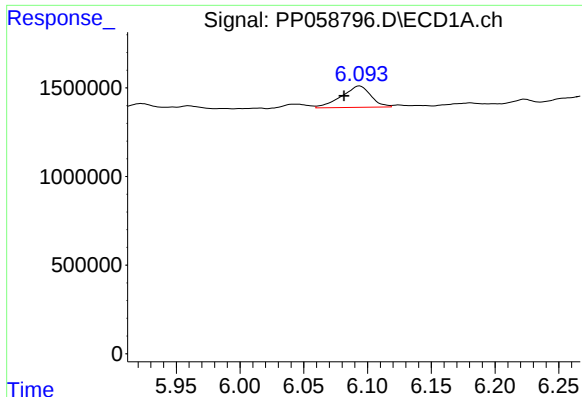
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 570975
Conc: 14.45 ng/ml



#22 AR-1248-2

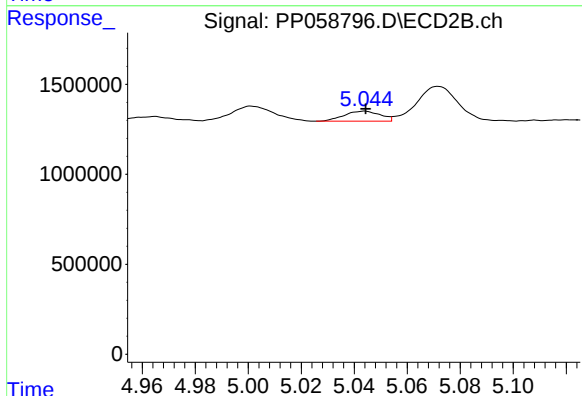
R.T.: 5.001 min
Delta R.T.: -0.001 min
Response: 936088
Conc: 15.37 ng/ml



#23 AR-1248-3

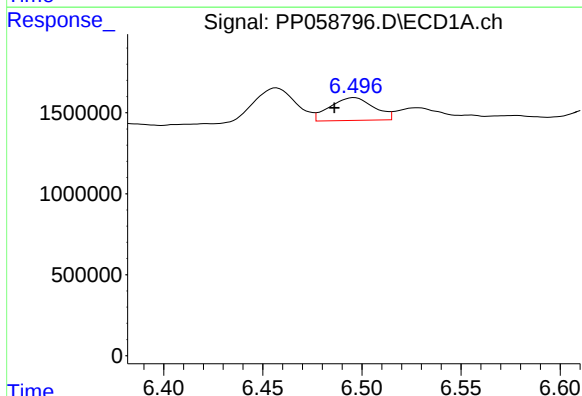
R.T.: 6.094 min
Delta R.T.: 0.012 min
Response: 1933901
Conc: 43.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



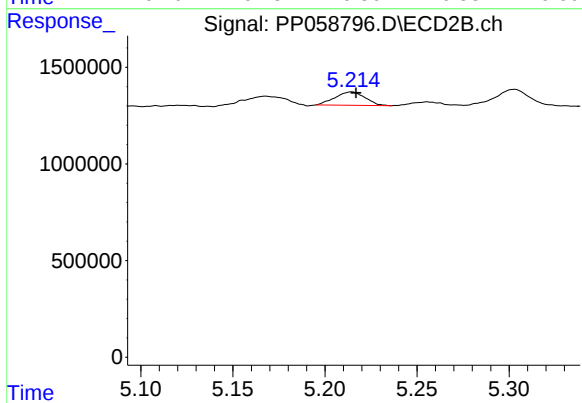
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 527256
Conc: 8.55 ng/ml



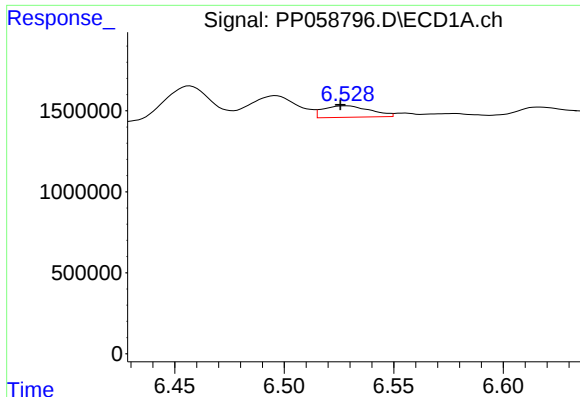
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.010 min
Response: 2168306
Conc: 51.37 ng/ml



#24 AR-1248-4

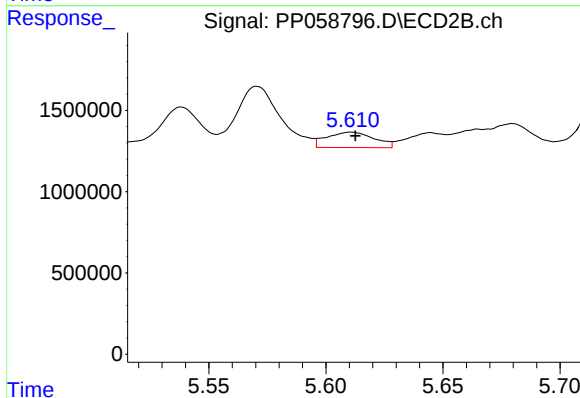
R.T.: 5.215 min
Delta R.T.: -0.002 min
Response: 786417
Conc: 10.80 ng/ml



#25 AR-1248-5

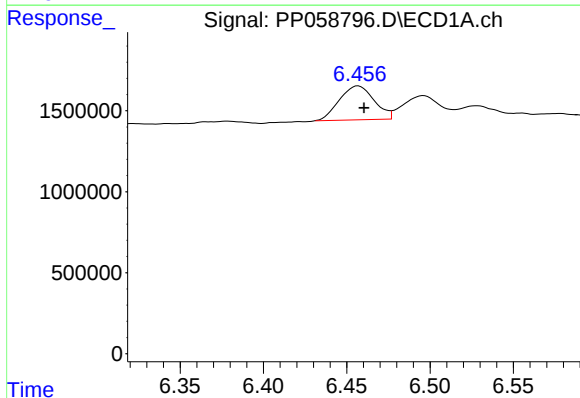
R.T.: 6.528 min
Delta R.T.: 0.003 min
Response: 1050512
Conc: 25.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



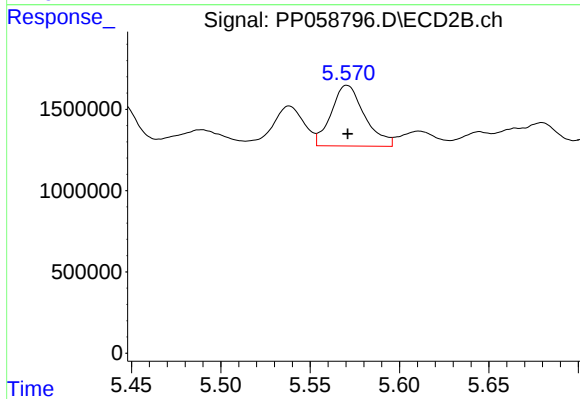
#25 AR-1248-5

R.T.: 5.611 min
Delta R.T.: -0.002 min
Response: 1335852
Conc: 20.54 ng/ml



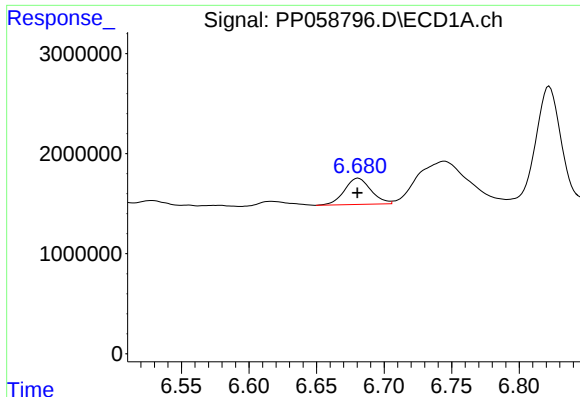
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 3049878
Conc: 62.67 ng/ml



#26 AR-1254-1

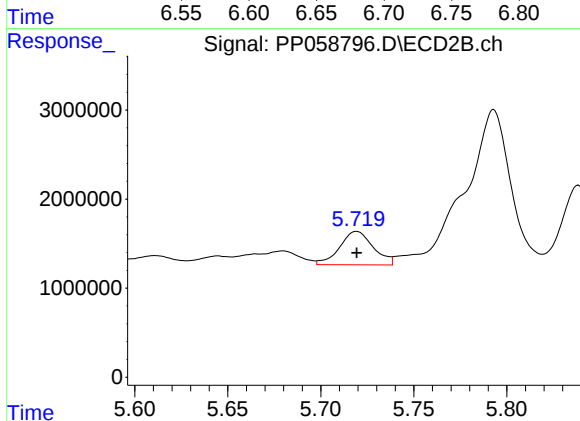
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 4863002
Conc: 44.45 ng/ml



#27 AR-1254-2

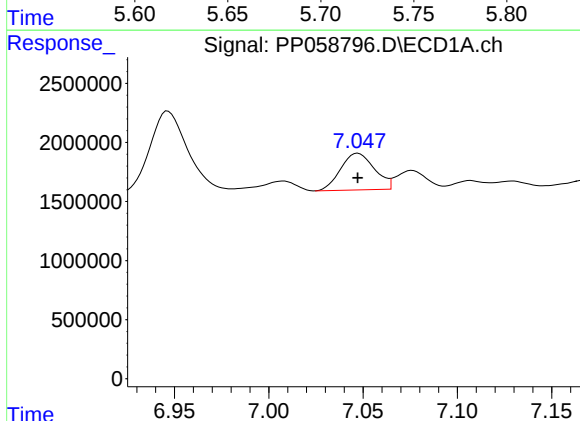
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 3565614
Conc: 49.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



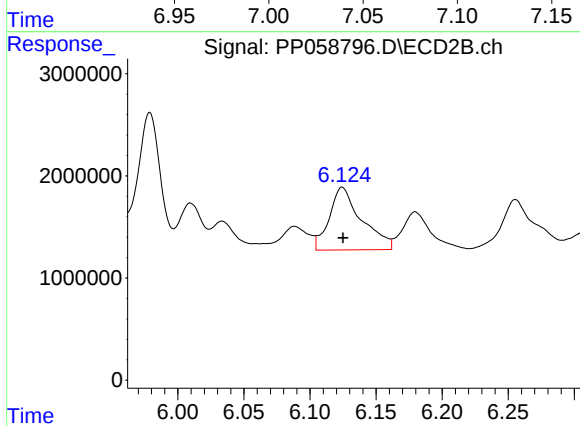
#27 AR-1254-2

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 4718868
Conc: 49.40 ng/ml



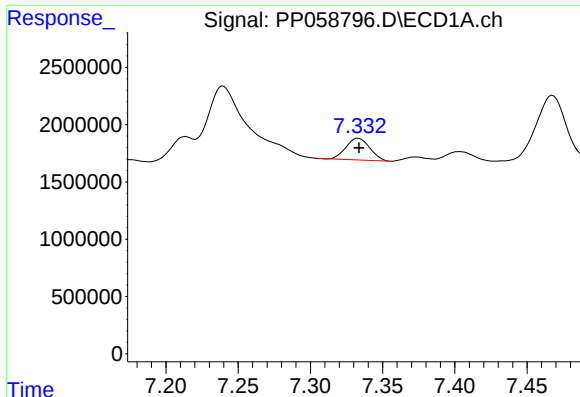
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 3890812
Conc: 52.76 ng/ml



#28 AR-1254-3

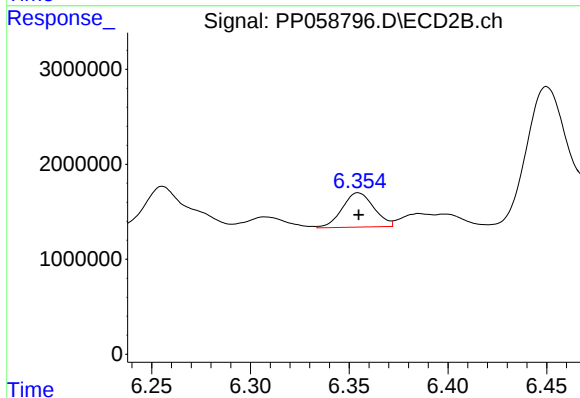
R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 10477111
Conc: 69.58 ng/ml



#29 AR-1254-4

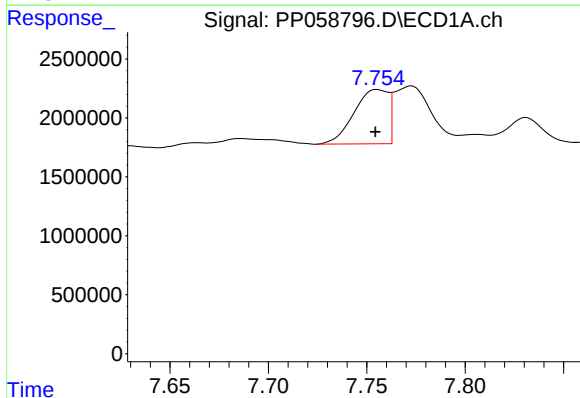
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 2153856
Conc: 44.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



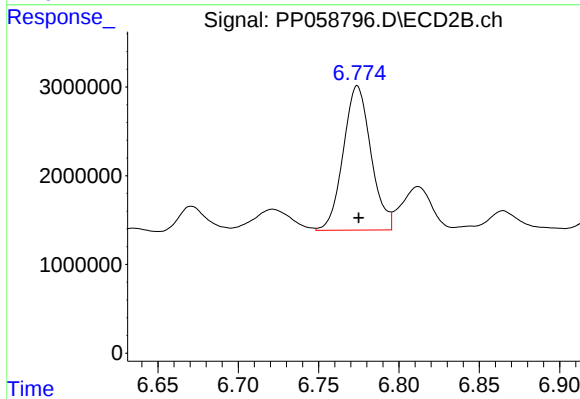
#29 AR-1254-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 4055290
Conc: 49.11 ng/ml



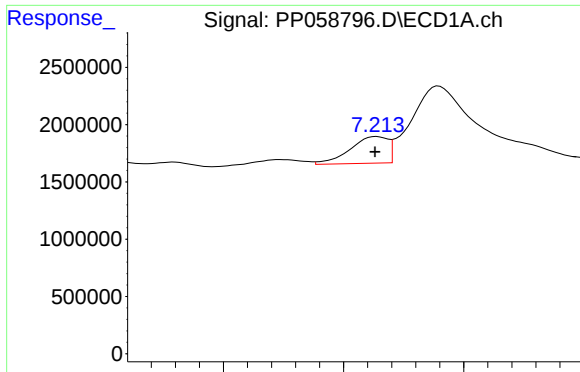
#30 AR-1254-5

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 5566260
Conc: 102.81 ng/ml



#30 AR-1254-5

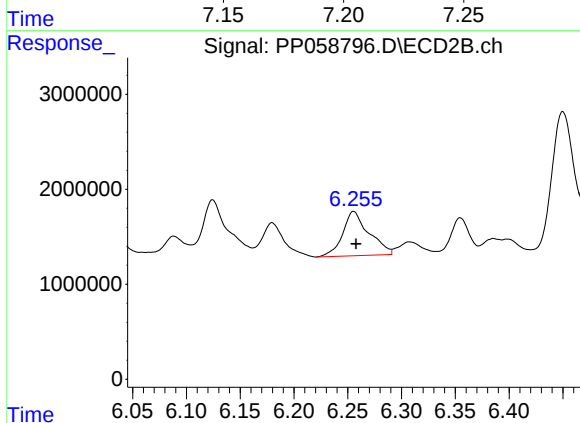
R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 19519187
Conc: 152.39 ng/ml



#31 AR-1260-1

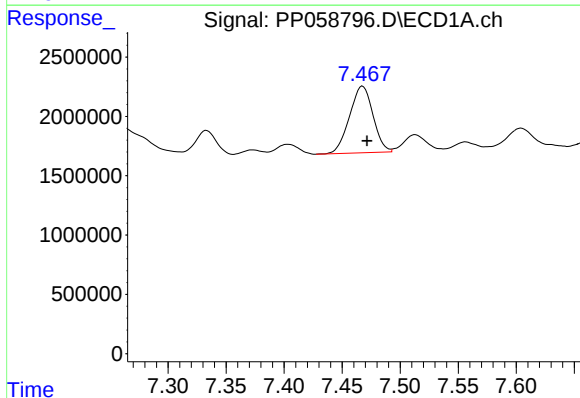
R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 2542087
Conc: 44.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



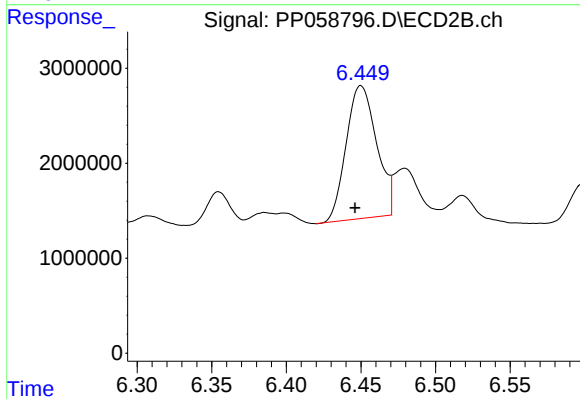
#31 AR-1260-1

R.T.: 6.255 min
Delta R.T.: -0.002 min
Response: 7936952
Conc: 72.35 ng/ml



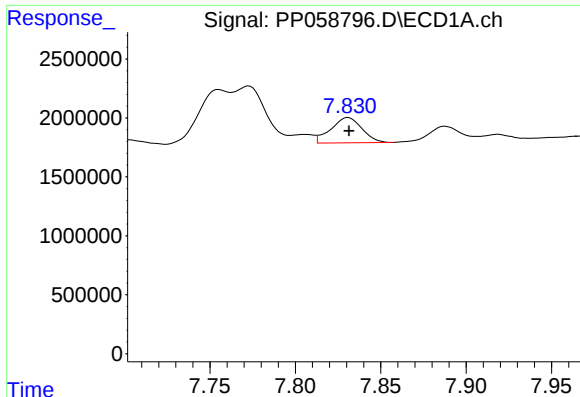
#32 AR-1260-2

R.T.: 7.468 min
Delta R.T.: -0.004 min
Response: 7915516
Conc: 122.27 ng/ml



#32 AR-1260-2

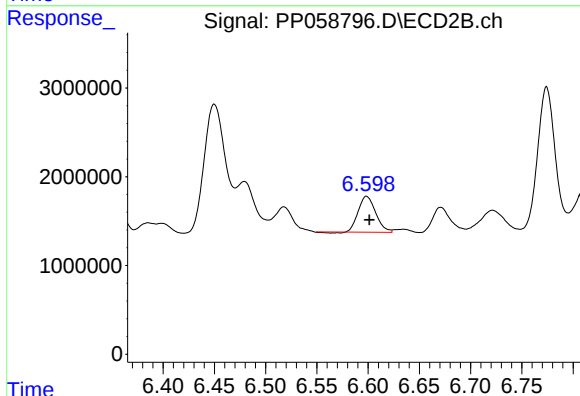
R.T.: 6.450 min
Delta R.T.: 0.004 min
Response: 19881458
Conc: 157.02 ng/ml



#33 AR-1260-3

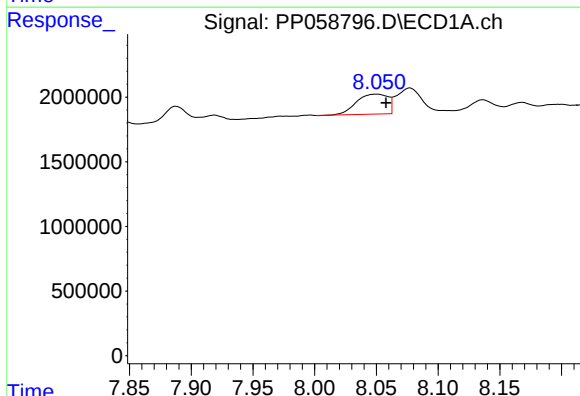
R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 2709744
Conc: 54.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



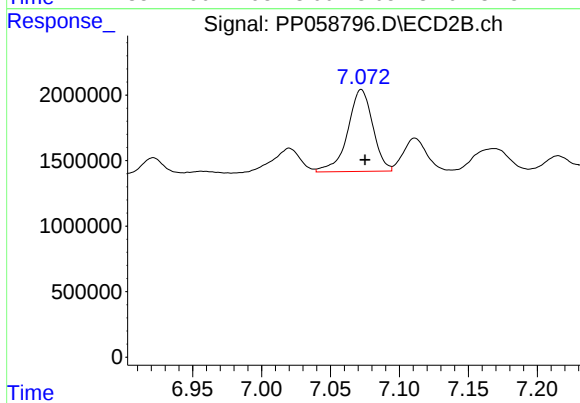
#33 AR-1260-3

R.T.: 6.598 min
Delta R.T.: -0.003 min
Response: 4754753
Conc: 39.21 ng/ml



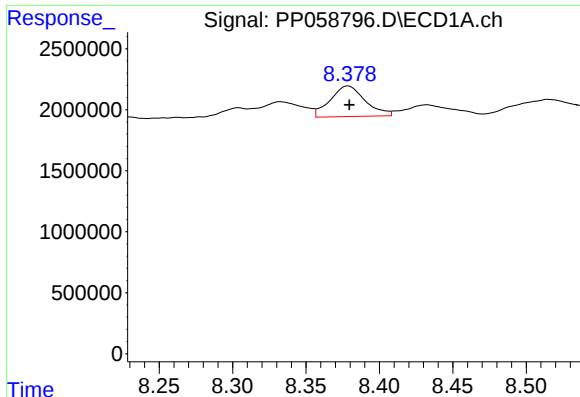
#34 AR-1260-4

R.T.: 8.051 min
Delta R.T.: -0.007 min
Response: 2739585
Conc: 51.58 ng/ml



#34 AR-1260-4

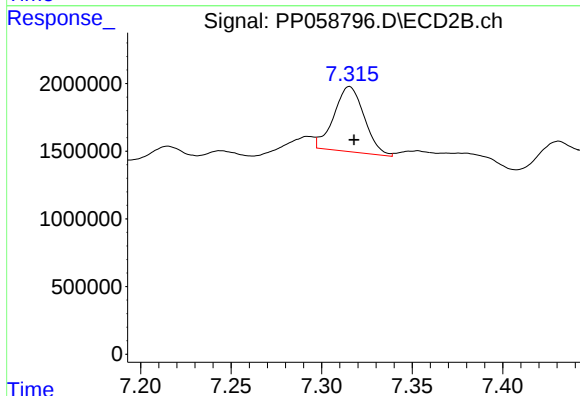
R.T.: 7.072 min
Delta R.T.: -0.003 min
Response: 7936363
Conc: 79.47 ng/ml



#35 AR-1260-5

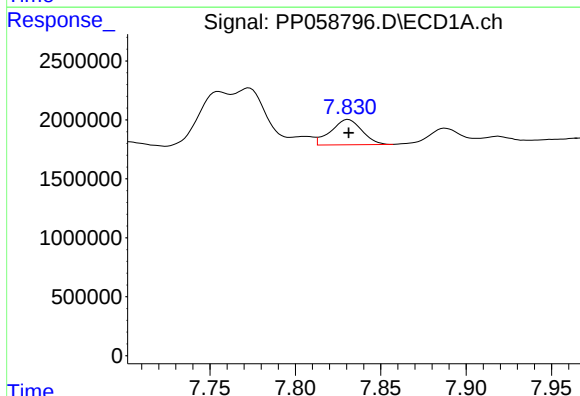
R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 4166513
Conc: 43.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



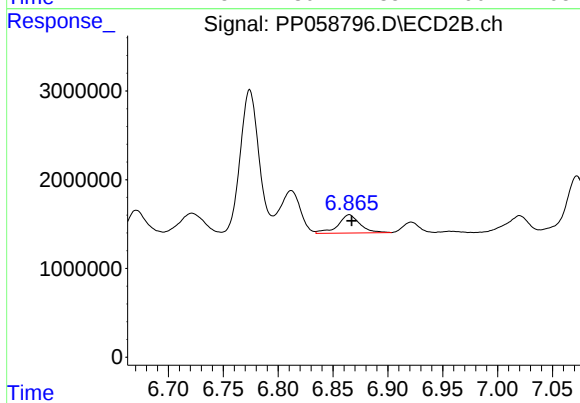
#35 AR-1260-5

R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 5623265
Conc: 27.37 ng/ml



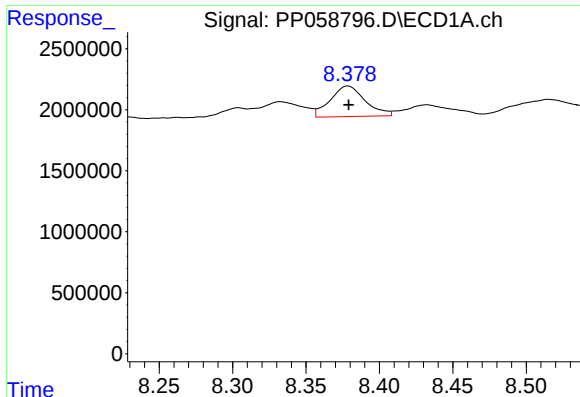
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 2709744
Conc: 39.21 ng/ml



#36 AR-1262-1

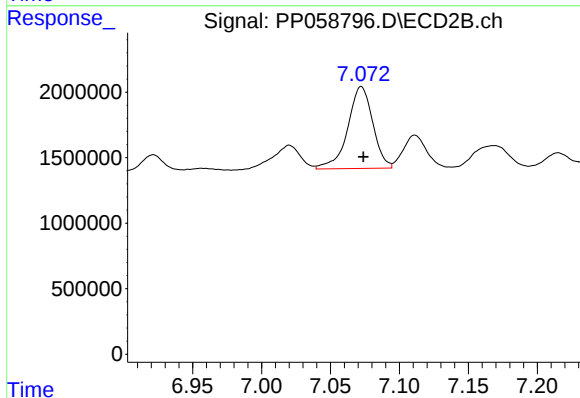
R.T.: 6.865 min
Delta R.T.: -0.002 min
Response: 2896172
Conc: 48.99 ng/ml



#37 AR-1262-2

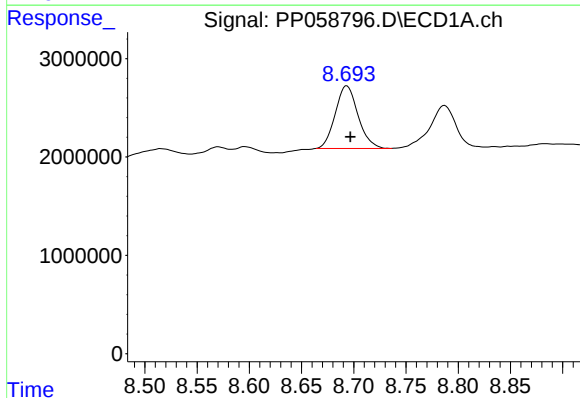
R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 4166513
Conc: 38.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



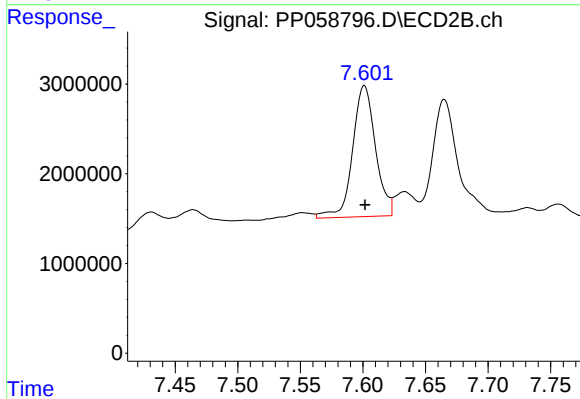
#37 AR-1262-2

R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 7936363
Conc: 63.62 ng/ml



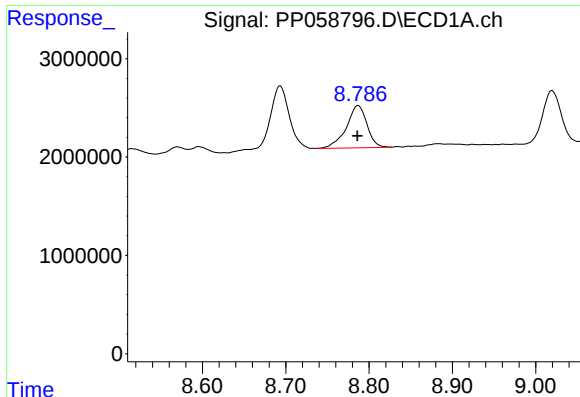
#38 AR-1262-3

R.T.: 8.693 min
Delta R.T.: -0.003 min
Response: 9676977
Conc: 130.30 ng/ml



#38 AR-1262-3

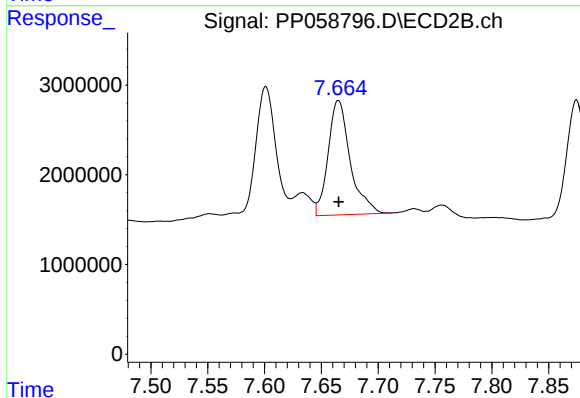
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 18627533
Conc: 196.65 ng/ml



#39 AR-1262-4

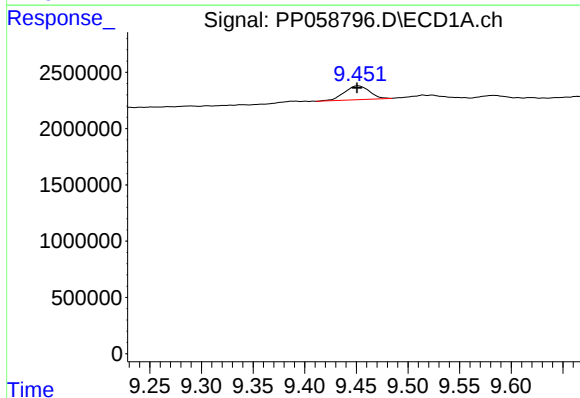
R.T.: 8.787 min
Delta R.T.: 0.001 min
Response: 7388273
Conc: 127.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



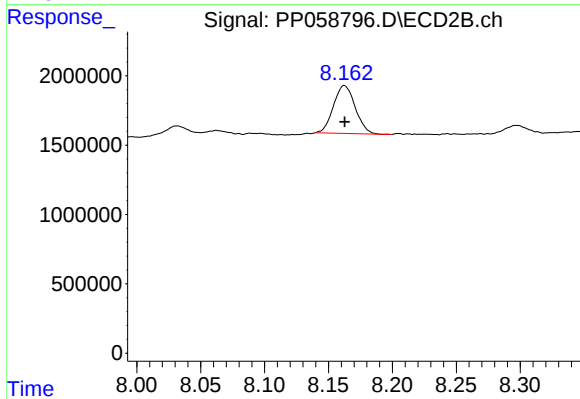
#39 AR-1262-4

R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 17275969
Conc: 103.91 ng/ml



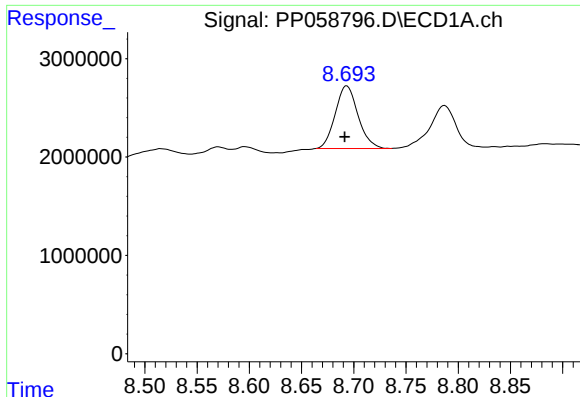
#40 AR-1262-5

R.T.: 9.452 min
Delta R.T.: 0.001 min
Response: 2057328
Conc: 56.57 ng/ml



#40 AR-1262-5

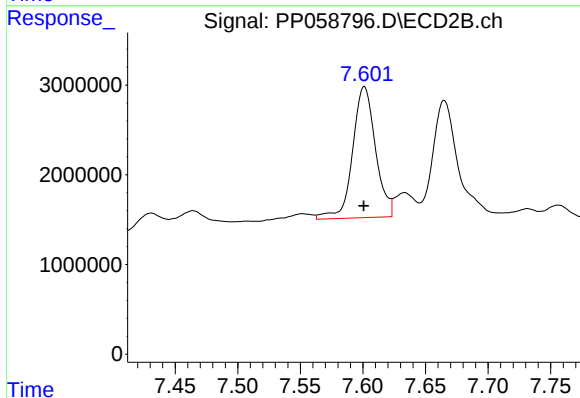
R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 4079608
Conc: 57.95 ng/ml



#41 AR-1268-1

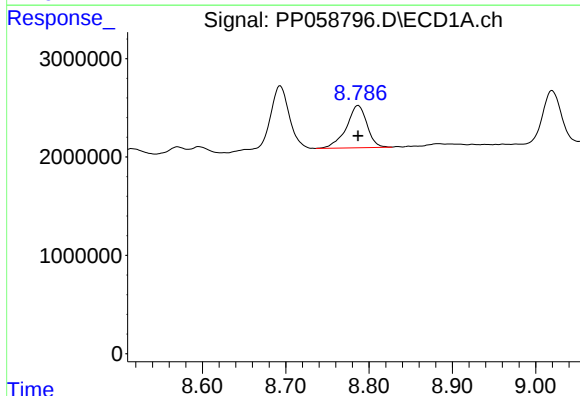
R.T.: 8.693 min
Delta R.T.: 0.002 min
Response: 9676977
Conc: 74.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



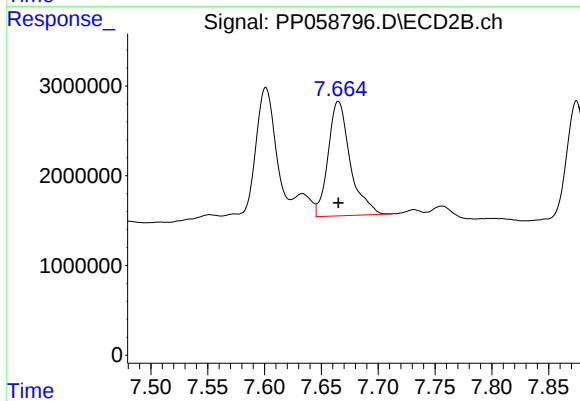
#41 AR-1268-1

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 18627533
Conc: 66.83 ng/ml



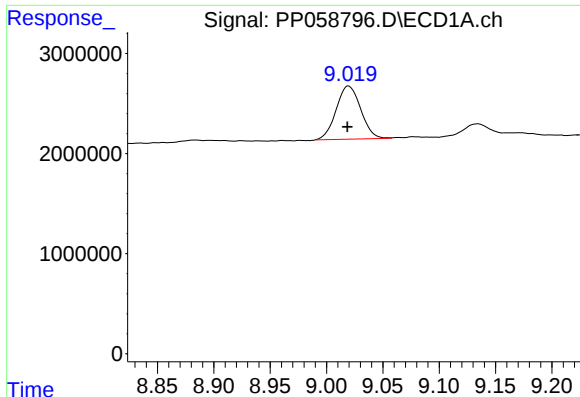
#42 AR-1268-2

R.T.: 8.787 min
Delta R.T.: 0.000 min
Response: 7388273
Conc: 62.87 ng/ml



#42 AR-1268-2

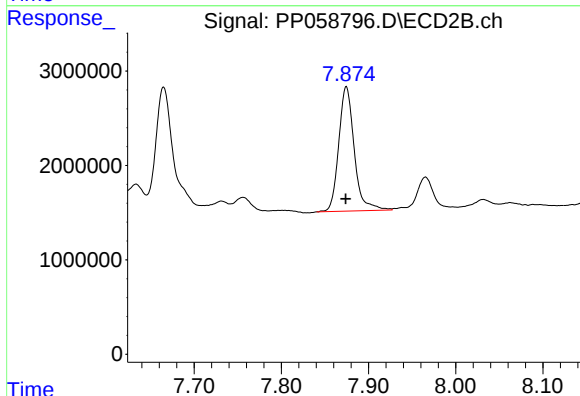
R.T.: 7.665 min
Delta R.T.: 0.000 min
Response: 17275969
Conc: 69.94 ng/ml



#43 AR-1268-3

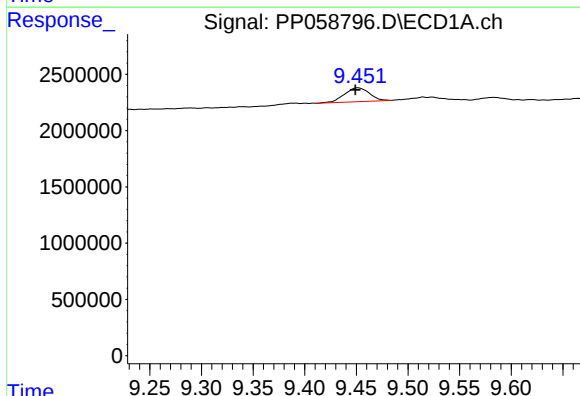
R.T.: 9.020 min
Delta R.T.: 0.001 min
Response: 8043901
Conc: 78.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



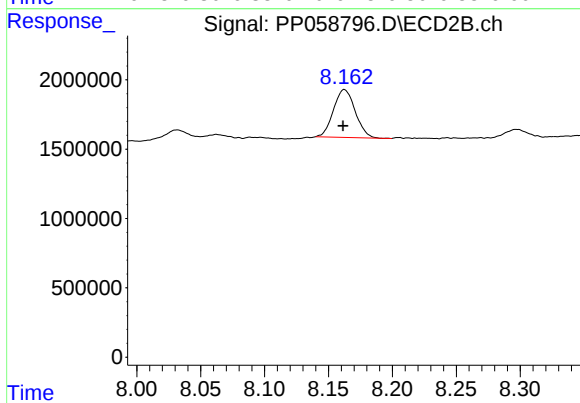
#43 AR-1268-3

R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 16282935
Conc: 73.38 ng/ml



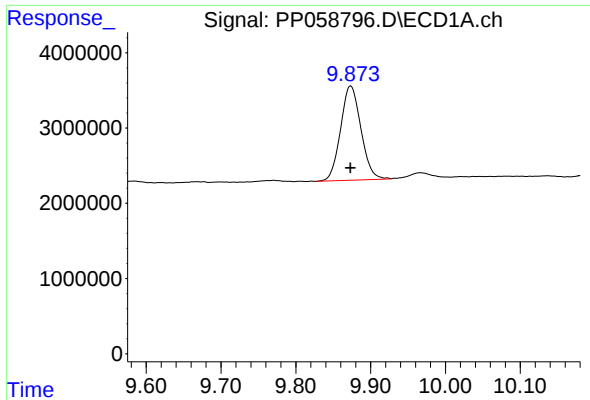
#44 AR-1268-4

R.T.: 9.452 min
Delta R.T.: 0.002 min
Response: 2057328
Conc: 53.42 ng/ml



#44 AR-1268-4

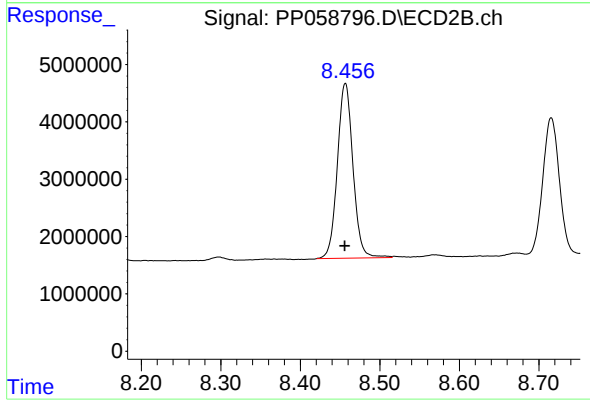
R.T.: 8.162 min
Delta R.T.: 0.001 min
Response: 4079608
Conc: 52.22 ng/ml



#45 AR-1268-5

R.T.: 9.873 min
Delta R.T.: 0.000 min
Response: 23698271
Conc: 71.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.457 min
Delta R.T.: 0.000 min
Response: 41614573
Conc: 65.39 ng/ml