

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122022\
 Data File : PP053887.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2022 16:41
 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: Dec 20 20:47:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121322.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 14 05:38:40 2022
 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...	4.338	3.590	109.1E6	78635621	51.976	50.351
2)	SA Decachlor...	10.097	8.623	85283125	65531448	50.232	46.917
Target Compounds							
3)	L1 AR-1016-1	5.510	4.681	915910	567390	13.507	12.354
4)	L1 AR-1016-2	5.537	4.699	1228335	414252	12.331	6.611 #
5)	L1 AR-1016-3	5.595	4.879	502616	315184	7.953	9.286
6)	L1 AR-1016-4	5.693	4.918	527232	14906509	10.640	500.242 #
7)	L1 AR-1016-5	5.989	5.132	13446530	8218326	255.464	226.640
8)	L2 AR-1221-1	4.544	3.798	189069	125772	7.339	6.496
9)	L2 AR-1221-2	4.645	3.890	1583321	1179427	81.326	80.687
10)	L2 AR-1221-3	4.711	3.967	407626	296351	7.014	6.662
11)	L3 AR-1232-1	4.711	3.967	407626	296351	9.101	8.612
12)	L3 AR-1232-2	5.242	4.699	532056	414252	20.684	13.880 #
13)	L3 AR-1232-3	5.537	4.879	1228335	315184	26.170	19.894
14)	L3 AR-1232-4	5.693	4.959	527232	4586180	22.252	296.790 #
15)	L3 AR-1232-5	5.785	5.132	22290499	8218326	1208.641	499.079 #
16)	L4 AR-1242-1	5.510	4.681	915910	567390	17.486	16.022
17)	L4 AR-1242-2	5.537	4.699	1228335	414252	16.122	8.623 #
18)	L4 AR-1242-3	5.595	4.879	502616	315184	10.259	12.090
19)	L4 AR-1242-4	5.693	4.959	527232	4586180	13.734	160.757 #
20)	L4 AR-1242-5	6.436	5.487	13376499	35895050	327.967	1175.991 #
21)	L5 AR-1248-1	5.510	4.681	915910	567390	21.732	19.945
22)	L5 AR-1248-2	5.785	4.918	22290499	14906509	352.696	360.333
23)	L5 AR-1248-3	5.989	4.959	13446530	4586180	191.970	109.201 #
24)	L5 AR-1248-4	6.395	5.132	18703966	8218326	265.205	170.808 #
25)	L5 AR-1248-5	6.436	5.526	13376499	4258541	189.829	113.414 #
26)	L6 AR-1254-1	6.368	5.487	38500559	35895050	496.830	548.155
27)	L6 AR-1254-2	6.588	5.635	59885683	32016512	514.717	548.983
28)	L6 AR-1254-3	6.954	6.040	61125712	49509716	521.874	562.790
29)	L6 AR-1254-4	7.242	6.269	44583223	27626262	562.365	602.996
30)	L6 AR-1254-5	7.662	6.689	51512984	45431669	528.203	582.952
31)	L7 AR-1260-1	7.120	6.171	27001657	25510507	279.598	391.091 #
32)	L7 AR-1260-2	7.378	6.359	30726846	20941359	278.143	278.087
33)	L7 AR-1260-3	7.723f	6.513	8276885	21270886	109.469	293.455 #
34)	L7 AR-1260-4	7.950f	6.988	21420255	2346032	228.227	43.238 #
35)	L7 AR-1260-5	8.282	7.231	8067511	5572225	50.877	46.596
36)	L8 AR-1262-1	7.723f	6.780	8276885	1841030	69.143	51.619 #
37)	L8 AR-1262-2	8.282	6.988	8067511	2346032	42.072	30.181 #
38)	L8 AR-1262-3	8.607	7.512	6760335	343428	48.788	5.451 #
39)	L8 AR-1262-4	0.000	7.578	0	5617316	N.D.	49.129 #
40)	L8 AR-1262-5	9.342	8.076	494296	209660	6.995	4.209 #
41)	L9 AR-1268-1	8.607	7.512	6760335	343428	27.701	1.898 #

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

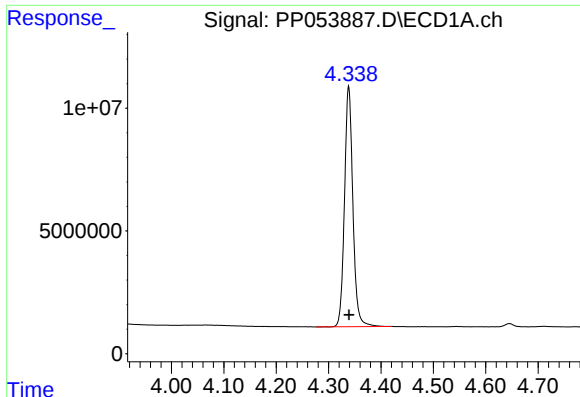
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:47:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121322.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	0.000	7.578	0	5617316	N.D.	32.918 #
43) L9	AR-1268-3	8.912	7.793	168461	22606	0.879	0.153 #
44) L9	AR-1268-4	9.342	8.076	494296	209660	6.421	3.762 #
45) L9	AR-1268-5	9.755	8.369	699172	367819	1.189	0.778 #

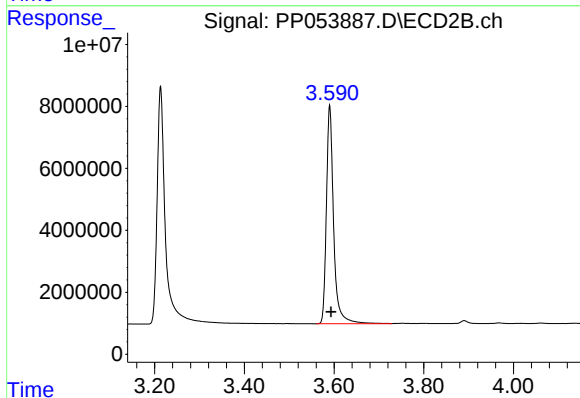
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

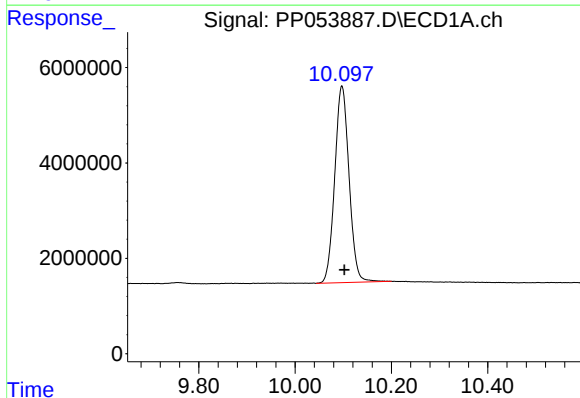
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 109138258
Conc: 51.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



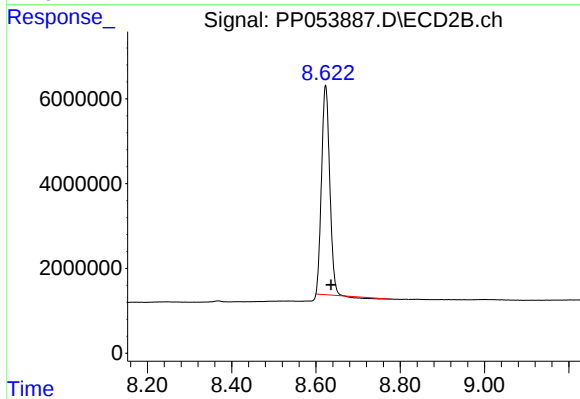
#1 Tetrachloro-m-xylene

R.T.: 3.590 min
Delta R.T.: -0.003 min
Response: 78635621
Conc: 50.35 ng/ml



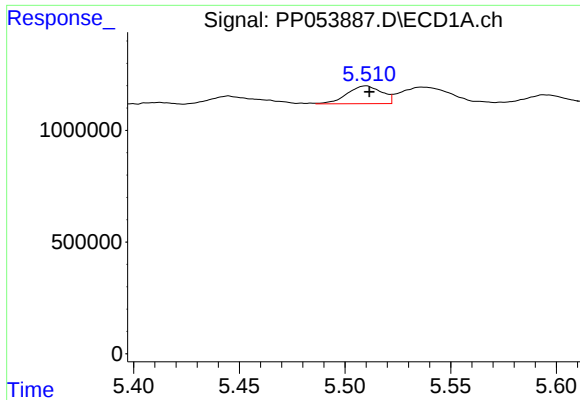
#2 Decachlorobiphenyl

R.T.: 10.097 min
Delta R.T.: -0.005 min
Response: 85283125
Conc: 50.23 ng/ml



#2 Decachlorobiphenyl

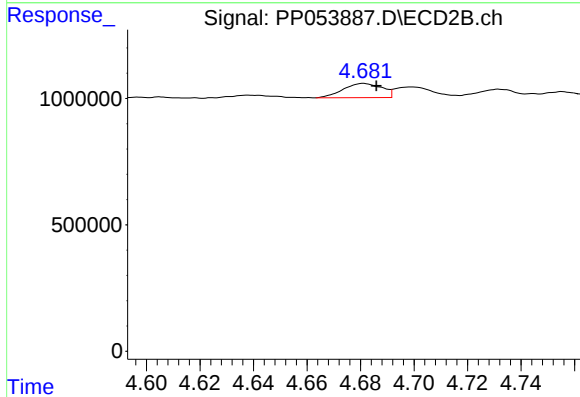
R.T.: 8.623 min
Delta R.T.: -0.013 min
Response: 65531448
Conc: 46.92 ng/ml



#3 AR-1016-1

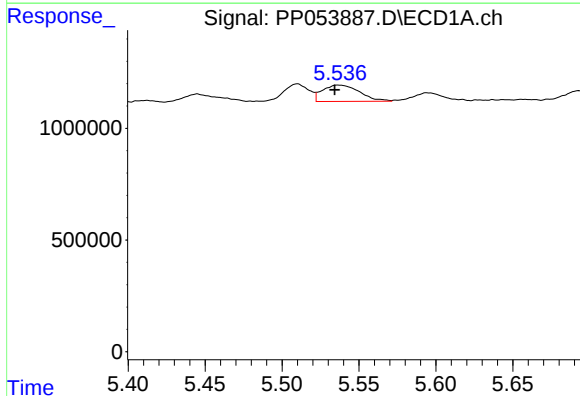
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 915910
Conc: 13.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



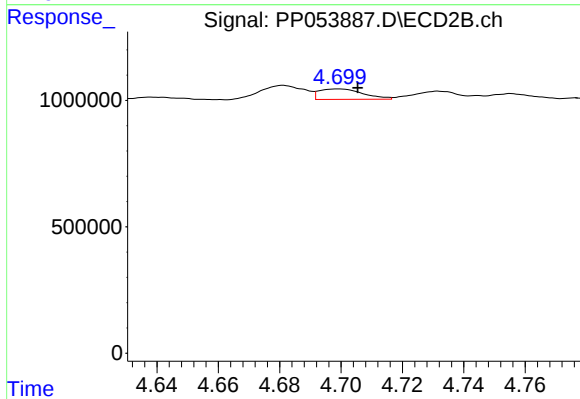
#3 AR-1016-1

R.T.: 4.681 min
Delta R.T.: -0.005 min
Response: 567390
Conc: 12.35 ng/ml



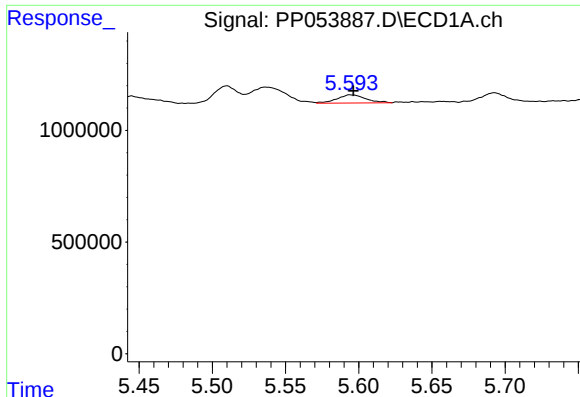
#4 AR-1016-2

R.T.: 5.537 min
Delta R.T.: 0.002 min
Response: 1228335
Conc: 12.33 ng/ml



#4 AR-1016-2

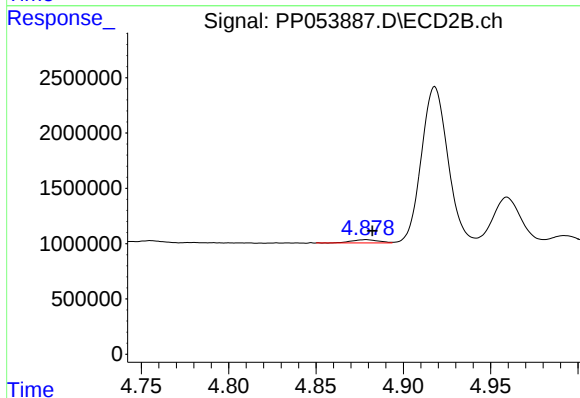
R.T.: 4.699 min
Delta R.T.: -0.006 min
Response: 414252
Conc: 6.61 ng/ml



#5 AR-1016-3

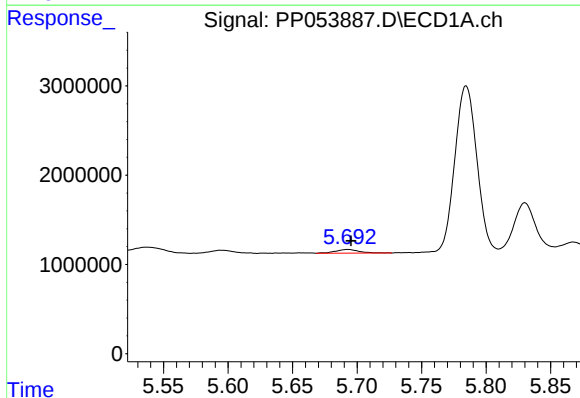
R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 502616
Conc: 7.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



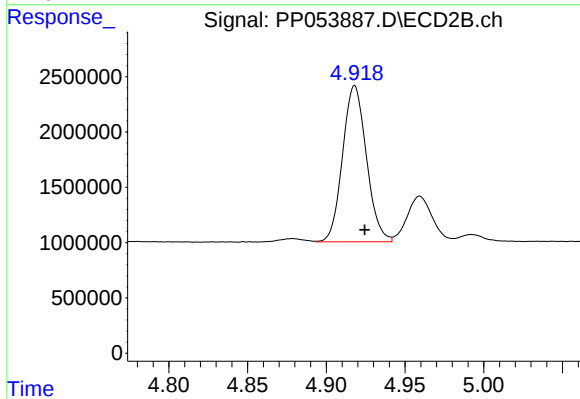
#5 AR-1016-3

R.T.: 4.879 min
Delta R.T.: -0.004 min
Response: 315184
Conc: 9.29 ng/ml



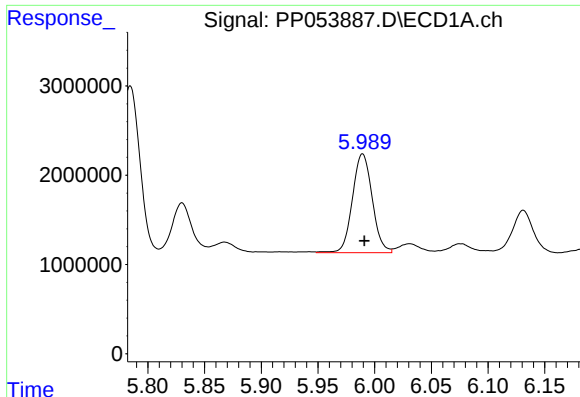
#6 AR-1016-4

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 527232
Conc: 10.64 ng/ml



#6 AR-1016-4

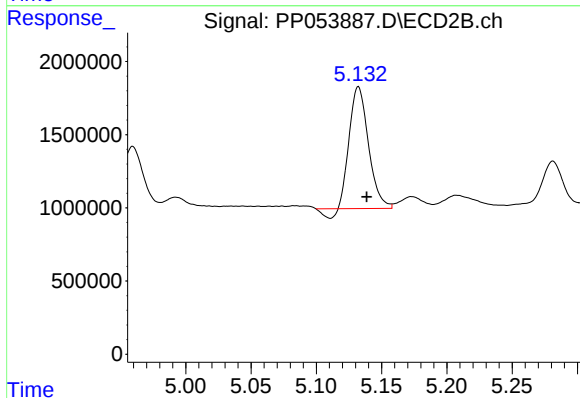
R.T.: 4.918 min
Delta R.T.: -0.006 min
Response: 14906509
Conc: 500.24 ng/ml



#7 AR-1016-5

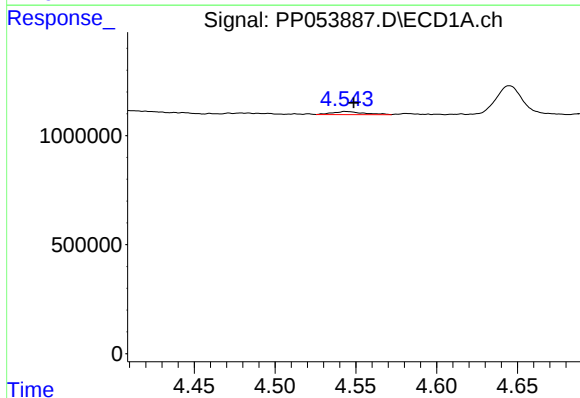
R.T.: 5.989 min
Delta R.T.: -0.002 min
Response: 13446530
Conc: 255.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



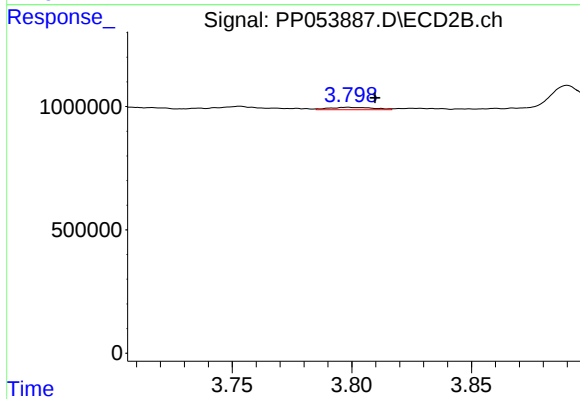
#7 AR-1016-5

R.T.: 5.132 min
Delta R.T.: -0.006 min
Response: 8218326
Conc: 226.64 ng/ml



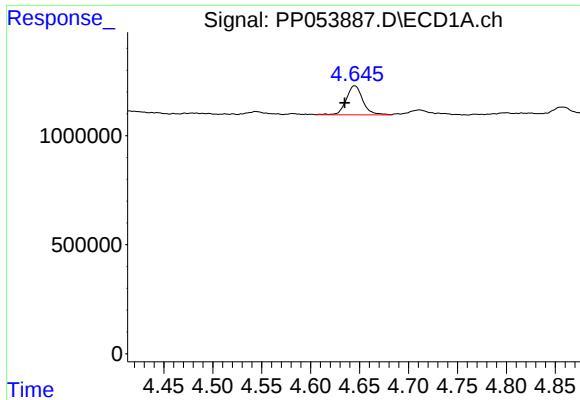
#8 AR-1221-1

R.T.: 4.544 min
Delta R.T.: -0.005 min
Response: 189069
Conc: 7.34 ng/ml



#8 AR-1221-1

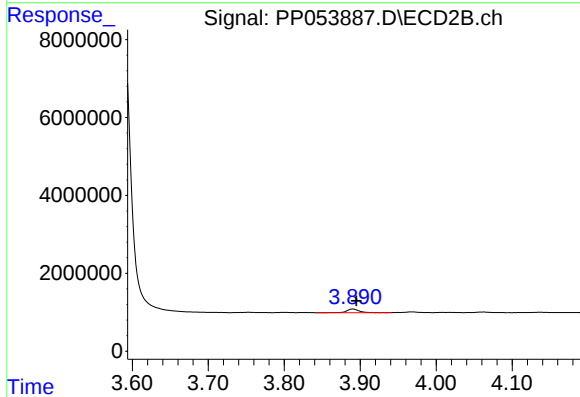
R.T.: 3.798 min
Delta R.T.: -0.012 min
Response: 125772
Conc: 6.50 ng/ml



#9 AR-1221-2

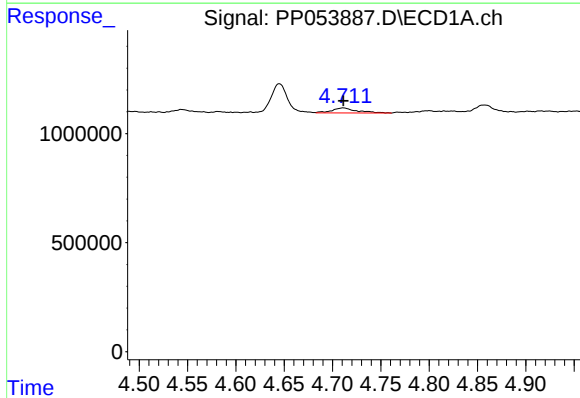
R.T.: 4.645 min
Delta R.T.: 0.010 min
Response: 1583321
Conc: 81.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



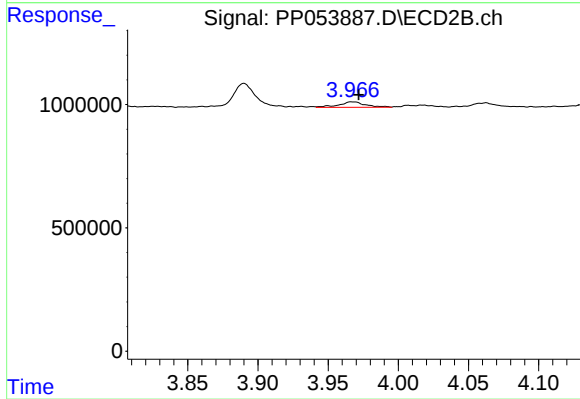
#9 AR-1221-2

R.T.: 3.890 min
Delta R.T.: -0.005 min
Response: 1179427
Conc: 80.69 ng/ml



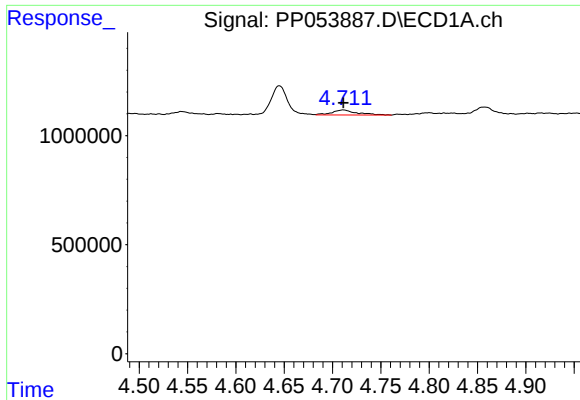
#10 AR-1221-3

R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 407626
Conc: 7.01 ng/ml



#10 AR-1221-3

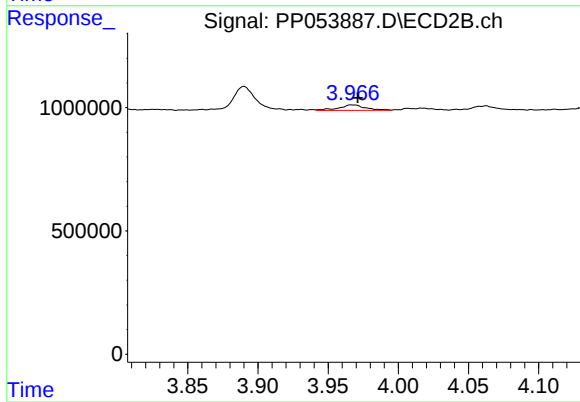
R.T.: 3.967 min
Delta R.T.: -0.004 min
Response: 296351
Conc: 6.66 ng/ml



#11 AR-1232-1

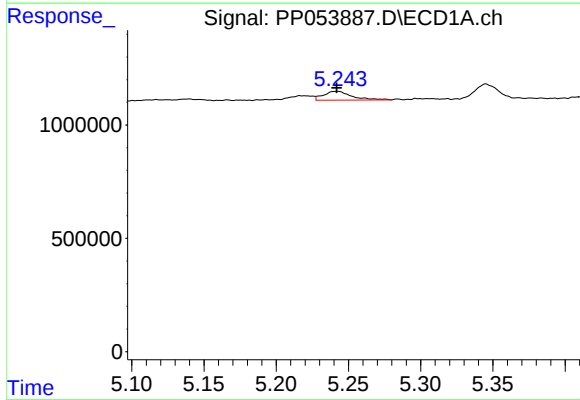
R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 407626
Conc: 9.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



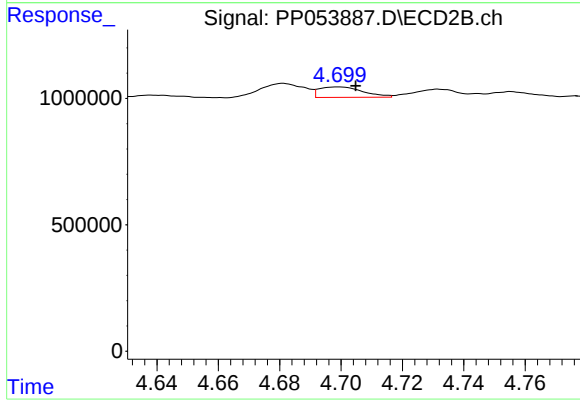
#11 AR-1232-1

R.T.: 3.967 min
Delta R.T.: -0.004 min
Response: 296351
Conc: 8.61 ng/ml



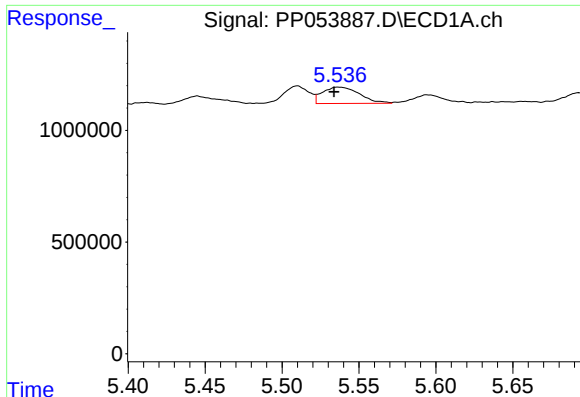
#12 AR-1232-2

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 532056
Conc: 20.68 ng/ml



#12 AR-1232-2

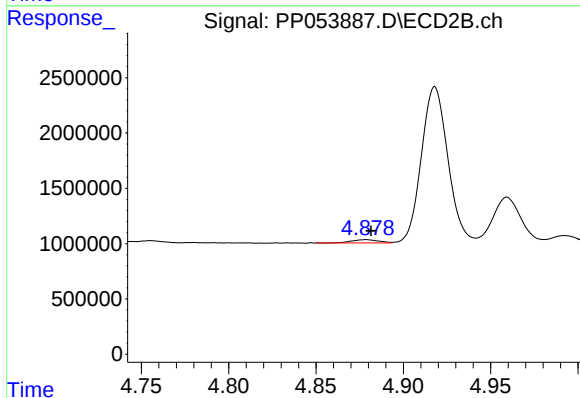
R.T.: 4.699 min
Delta R.T.: -0.006 min
Response: 414252
Conc: 13.88 ng/ml



#13 AR-1232-3

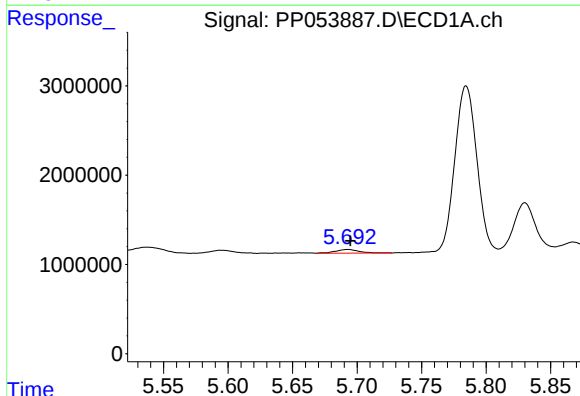
R.T.: 5.537 min
Delta R.T.: 0.003 min
Response: 1228335
Conc: 26.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



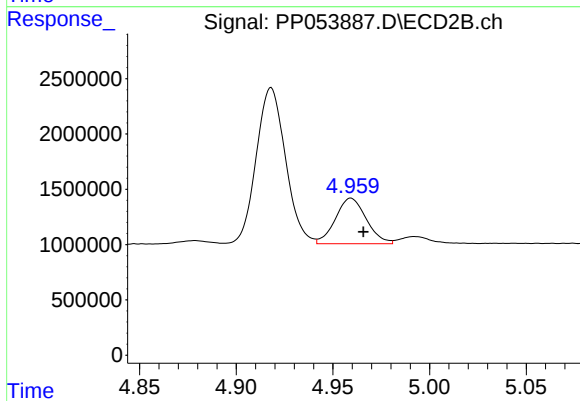
#13 AR-1232-3

R.T.: 4.879 min
Delta R.T.: -0.003 min
Response: 315184
Conc: 19.89 ng/ml



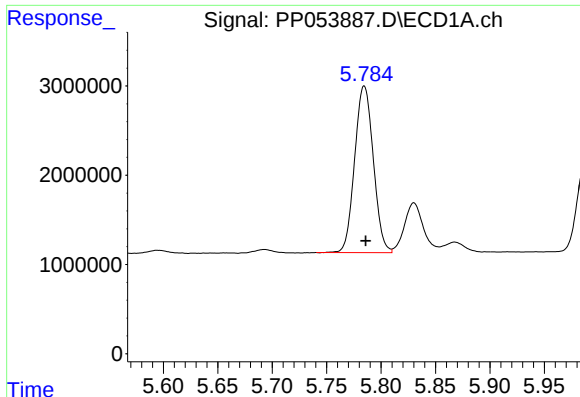
#14 AR-1232-4

R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 527232
Conc: 22.25 ng/ml



#14 AR-1232-4

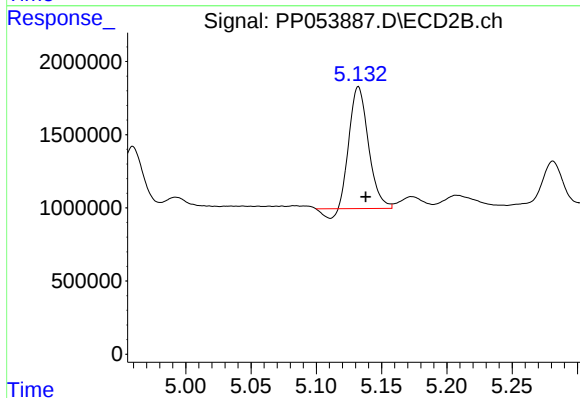
R.T.: 4.959 min
Delta R.T.: -0.006 min
Response: 4586180
Conc: 296.79 ng/ml



#15 AR-1232-5

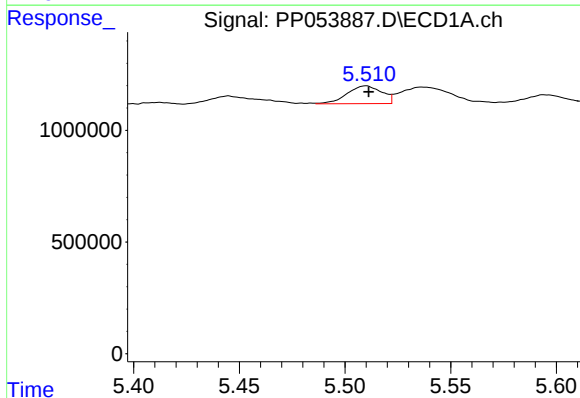
R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 22290499
Conc: 1208.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



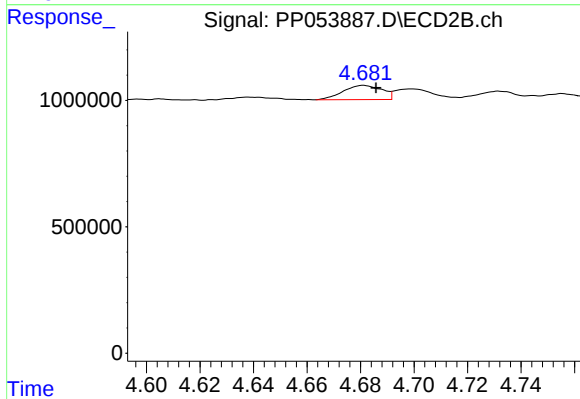
#15 AR-1232-5

R.T.: 5.132 min
Delta R.T.: -0.006 min
Response: 8218326
Conc: 499.08 ng/ml



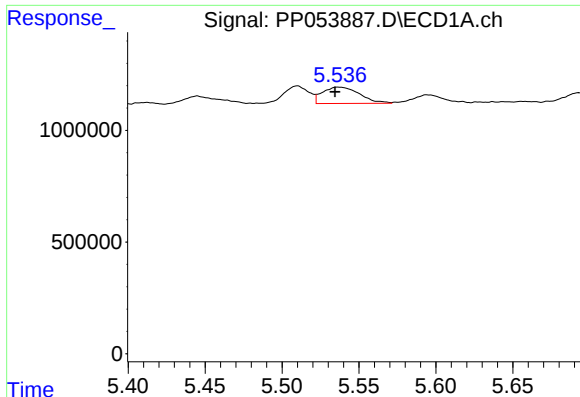
#16 AR-1242-1

R.T.: 5.510 min
Delta R.T.: -0.001 min
Response: 915910
Conc: 17.49 ng/ml



#16 AR-1242-1

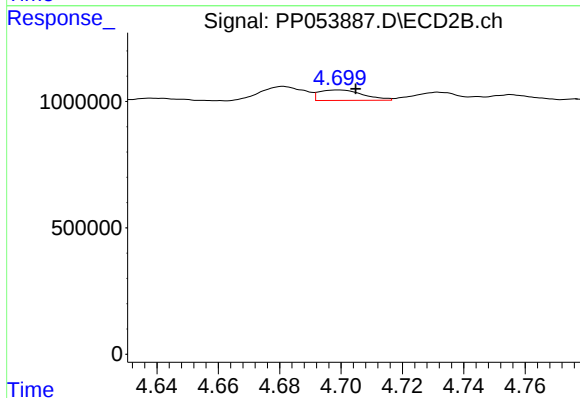
R.T.: 4.681 min
Delta R.T.: -0.005 min
Response: 567390
Conc: 16.02 ng/ml



#17 AR-1242-2

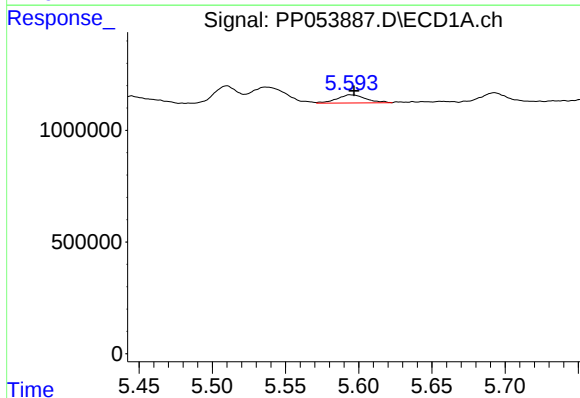
R.T.: 5.537 min
Delta R.T.: 0.002 min
Response: 1228335
Conc: 16.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



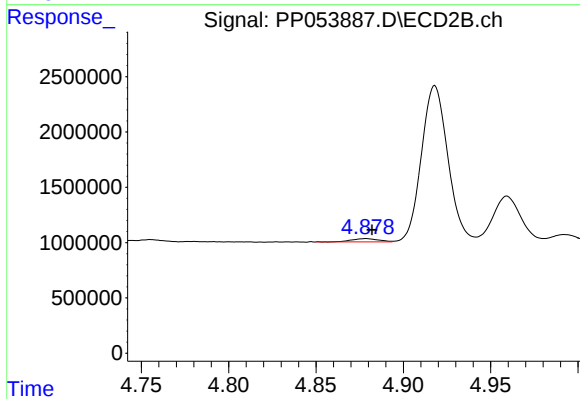
#17 AR-1242-2

R.T.: 4.699 min
Delta R.T.: -0.006 min
Response: 414252
Conc: 8.62 ng/ml



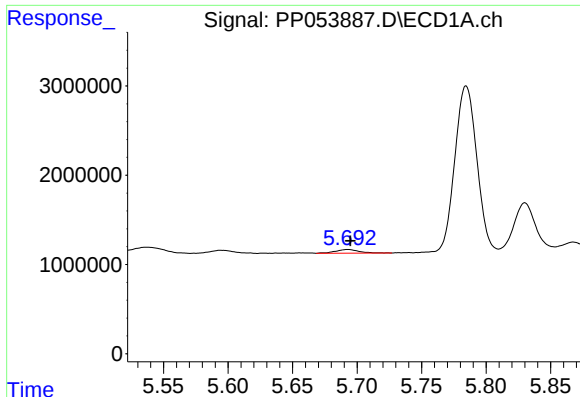
#18 AR-1242-3

R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 502616
Conc: 10.26 ng/ml



#18 AR-1242-3

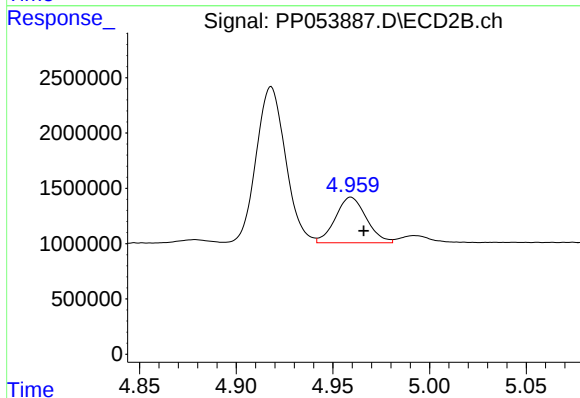
R.T.: 4.879 min
Delta R.T.: -0.004 min
Response: 315184
Conc: 12.09 ng/ml



#19 AR-1242-4

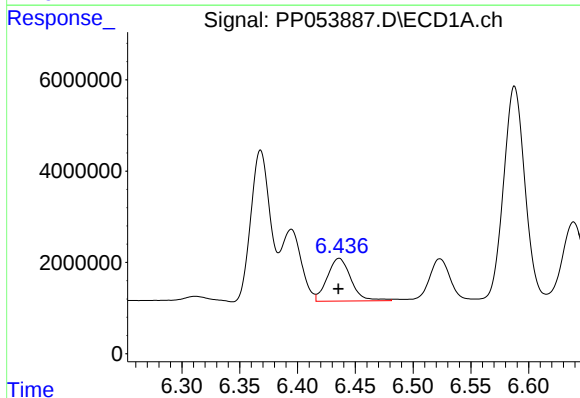
R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 527232
Conc: 13.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



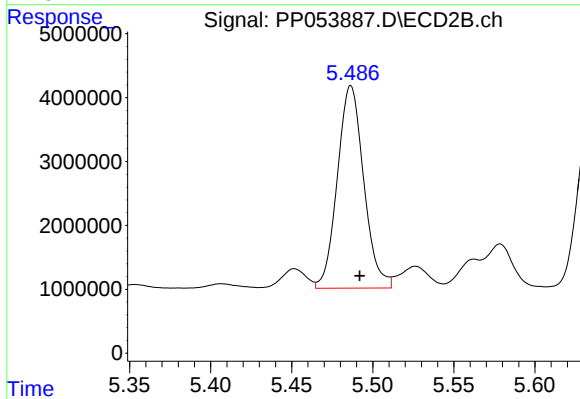
#19 AR-1242-4

R.T.: 4.959 min
Delta R.T.: -0.007 min
Response: 4586180
Conc: 160.76 ng/ml



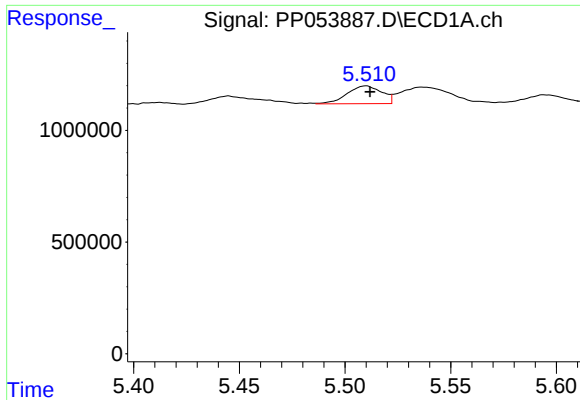
#20 AR-1242-5

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 13376499
Conc: 327.97 ng/ml



#20 AR-1242-5

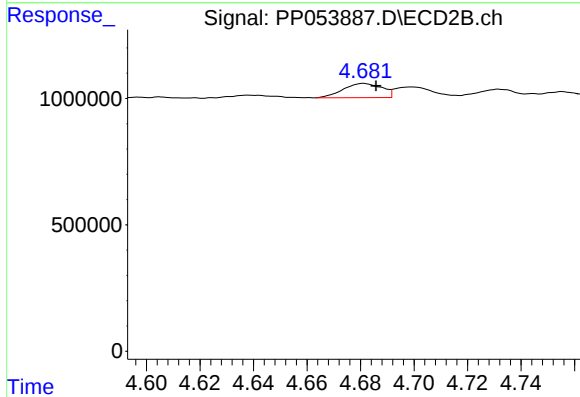
R.T.: 5.487 min
Delta R.T.: -0.005 min
Response: 35895050
Conc: 1175.99 ng/ml



#21 AR-1248-1

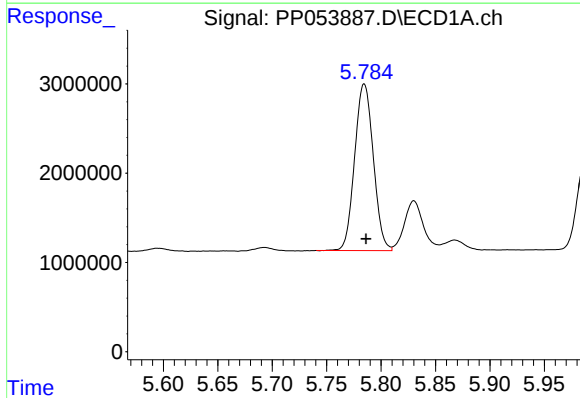
R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 915910
Conc: 21.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



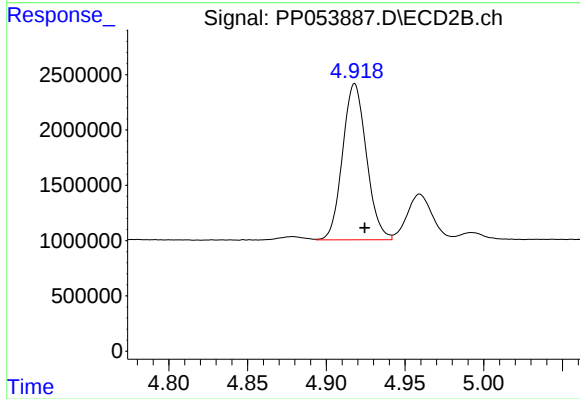
#21 AR-1248-1

R.T.: 4.681 min
Delta R.T.: -0.005 min
Response: 567390
Conc: 19.95 ng/ml



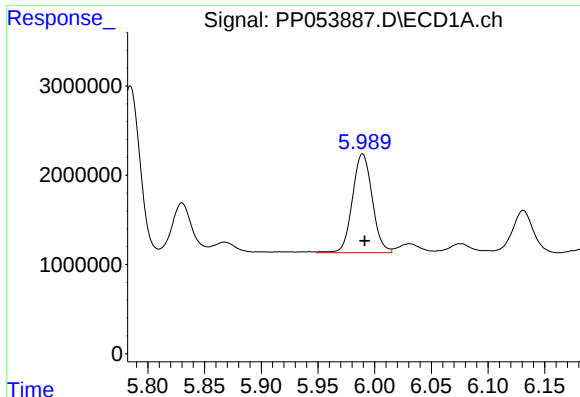
#22 AR-1248-2

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 22290499
Conc: 352.70 ng/ml



#22 AR-1248-2

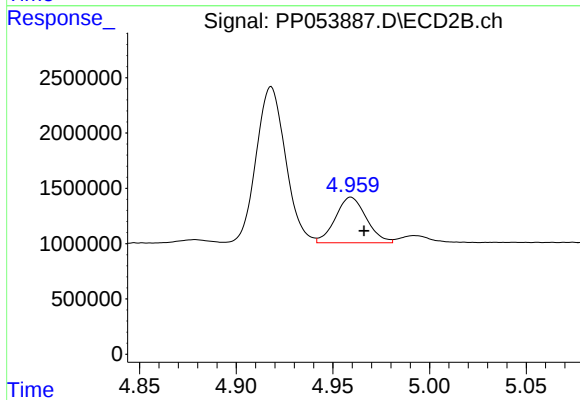
R.T.: 4.918 min
Delta R.T.: -0.006 min
Response: 14906509
Conc: 360.33 ng/ml



#23 AR-1248-3

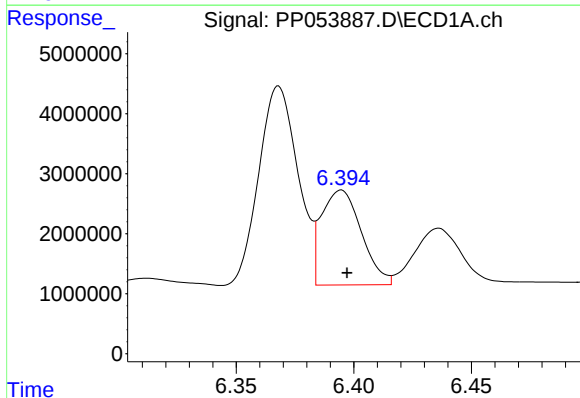
R.T.: 5.989 min
Delta R.T.: -0.002 min
Response: 13446530
Conc: 191.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



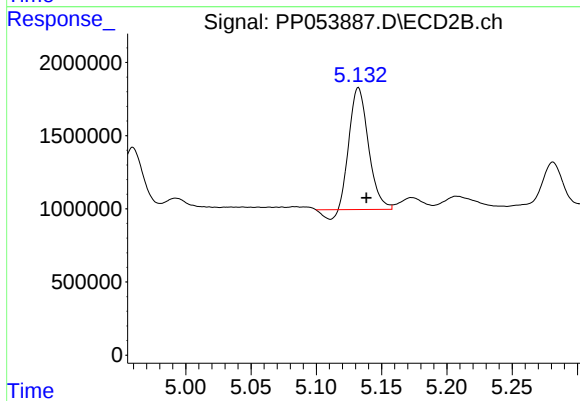
#23 AR-1248-3

R.T.: 4.959 min
Delta R.T.: -0.007 min
Response: 4586180
Conc: 109.20 ng/ml



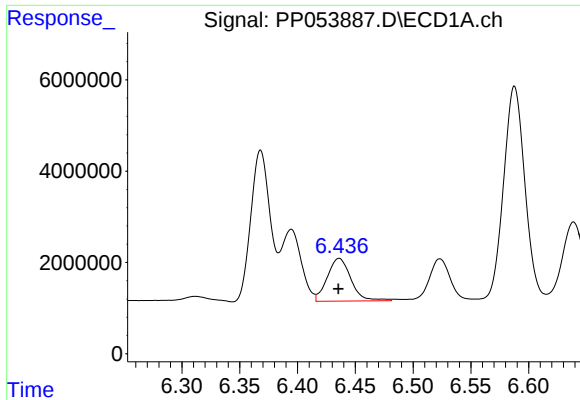
#24 AR-1248-4

R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 18703966
Conc: 265.20 ng/ml



#24 AR-1248-4

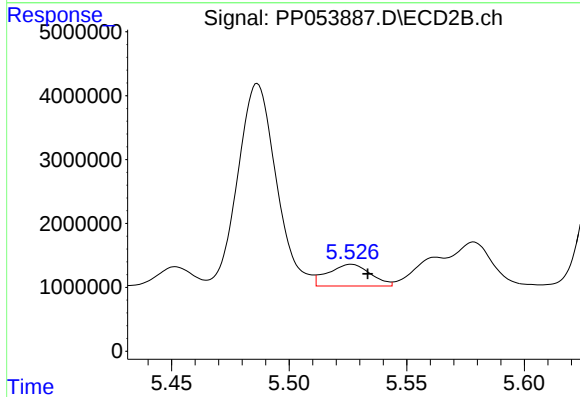
R.T.: 5.132 min
Delta R.T.: -0.006 min
Response: 8218326
Conc: 170.81 ng/ml



#25 AR-1248-5

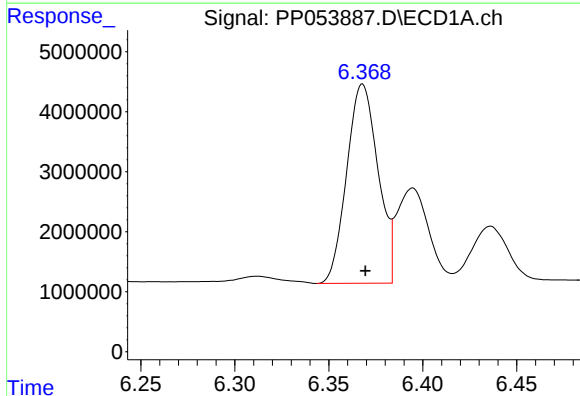
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 13376499
Conc: 189.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



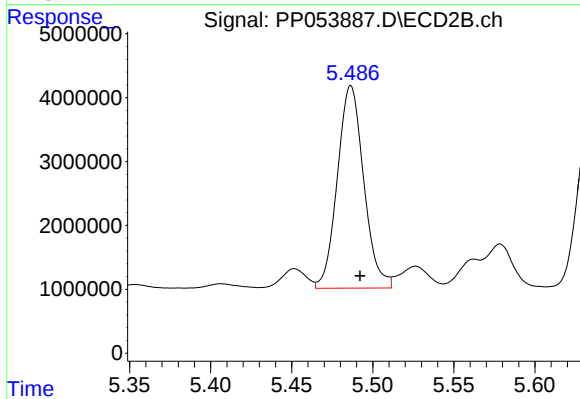
#25 AR-1248-5

R.T.: 5.526 min
Delta R.T.: -0.007 min
Response: 4258541
Conc: 113.41 ng/ml



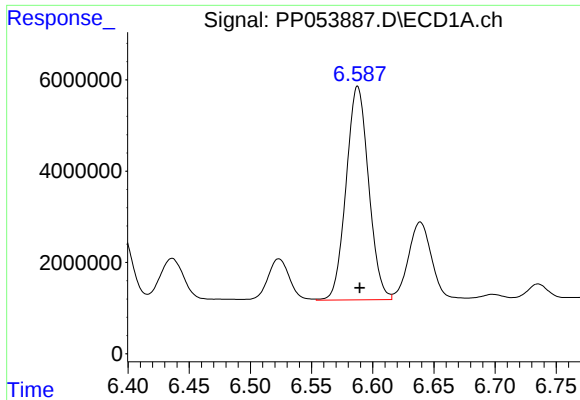
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: -0.001 min
Response: 38500559
Conc: 496.83 ng/ml



#26 AR-1254-1

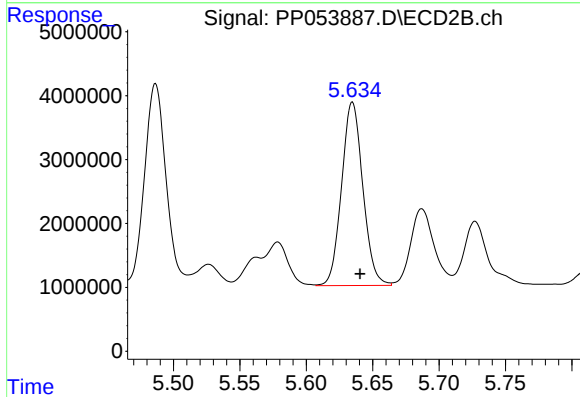
R.T.: 5.487 min
Delta R.T.: -0.006 min
Response: 35895050
Conc: 548.16 ng/ml



#27 AR-1254-2

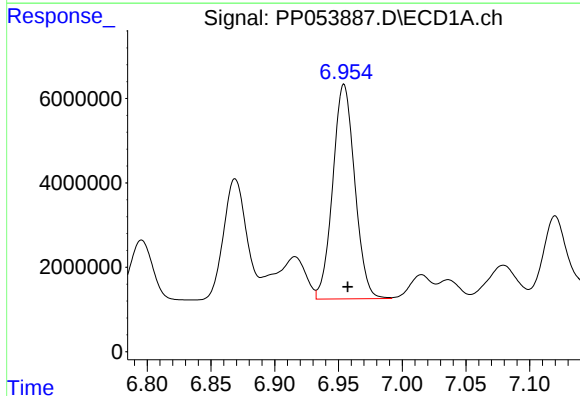
R.T.: 6.588 min
Delta R.T.: -0.002 min
Response: 59885683
Conc: 514.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



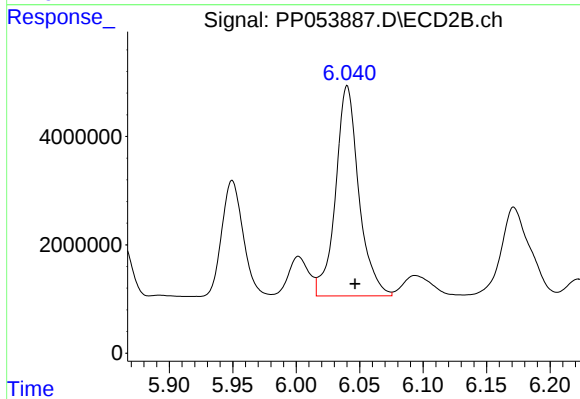
#27 AR-1254-2

R.T.: 5.635 min
Delta R.T.: -0.006 min
Response: 32016512
Conc: 548.98 ng/ml



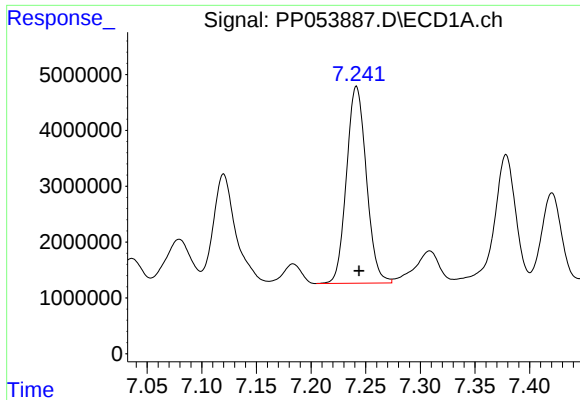
#28 AR-1254-3

R.T.: 6.954 min
Delta R.T.: -0.003 min
Response: 61125712
Conc: 521.87 ng/ml



#28 AR-1254-3

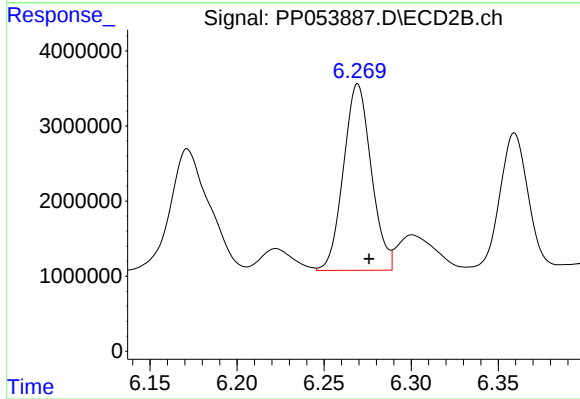
R.T.: 6.040 min
Delta R.T.: -0.006 min
Response: 49509716
Conc: 562.79 ng/ml



#29 AR-1254-4

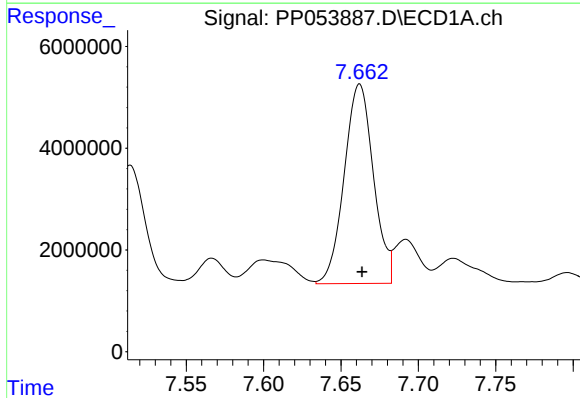
R.T.: 7.242 min
Delta R.T.: -0.002 min
Response: 44583223
Conc: 562.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



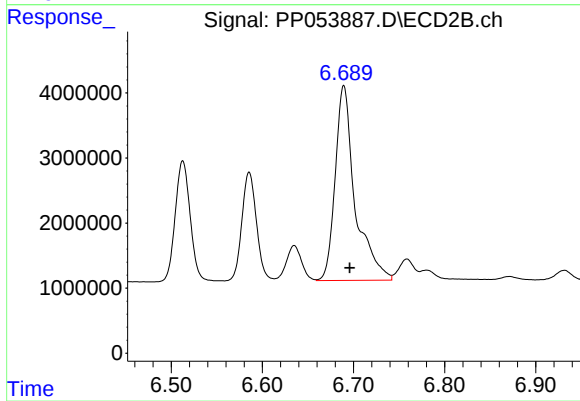
#29 AR-1254-4

R.T.: 6.269 min
Delta R.T.: -0.006 min
Response: 27626262
Conc: 603.00 ng/ml



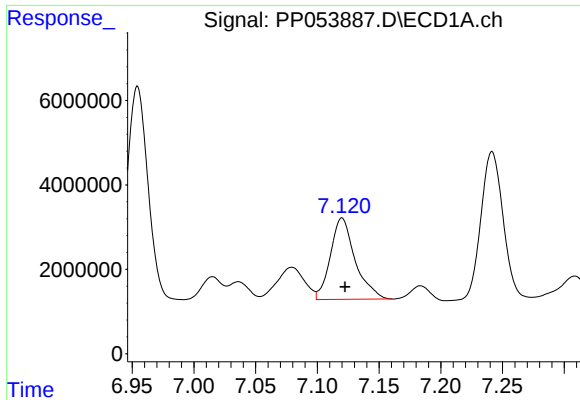
#30 AR-1254-5

R.T.: 7.662 min
Delta R.T.: -0.002 min
Response: 51512984
Conc: 528.20 ng/ml



#30 AR-1254-5

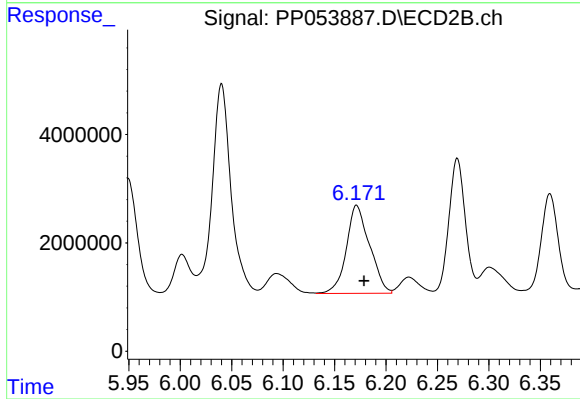
R.T.: 6.689 min
Delta R.T.: -0.007 min
Response: 45431669
Conc: 582.95 ng/ml



#31 AR-1260-1

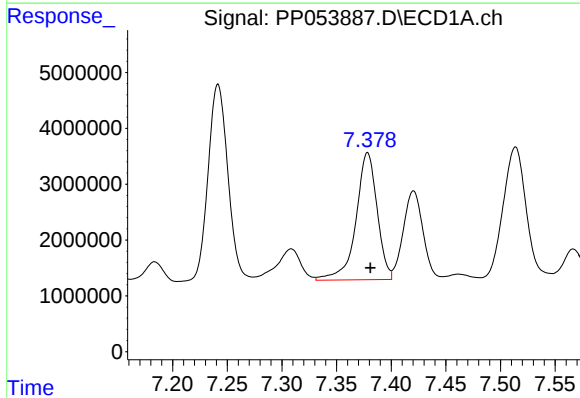
R.T.: 7.120 min
Delta R.T.: -0.003 min
Response: 27001657
Conc: 279.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



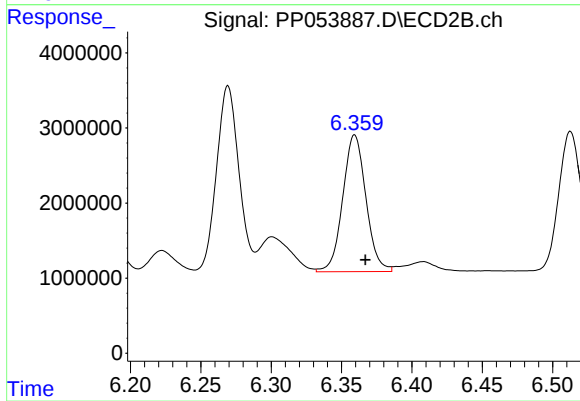
#31 AR-1260-1

R.T.: 6.171 min
Delta R.T.: -0.007 min
Response: 25510507
Conc: 391.09 ng/ml



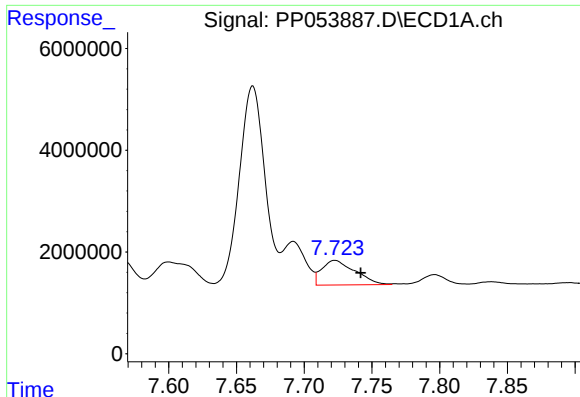
#32 AR-1260-2

R.T.: 7.378 min
Delta R.T.: -0.003 min
Response: 30726846
Conc: 278.14 ng/ml



#32 AR-1260-2

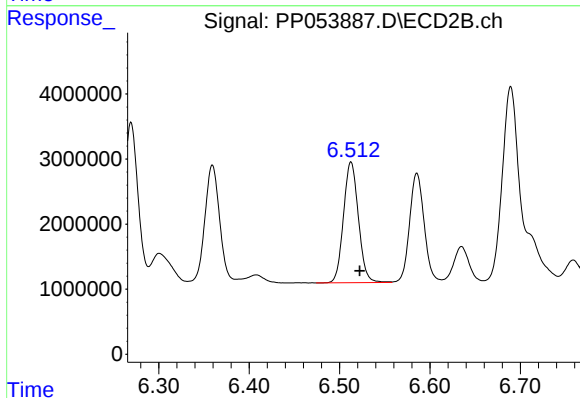
R.T.: 6.359 min
Delta R.T.: -0.008 min
Response: 20941359
Conc: 278.09 ng/ml



#33 AR-1260-3

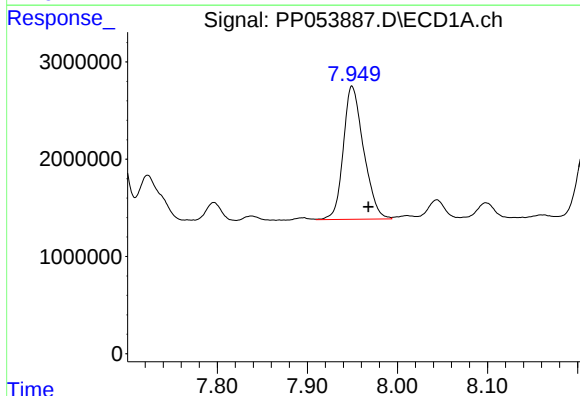
R.T.: 7.723 min
Delta R.T.: -0.019 min
Response: 8276885
Conc: 109.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



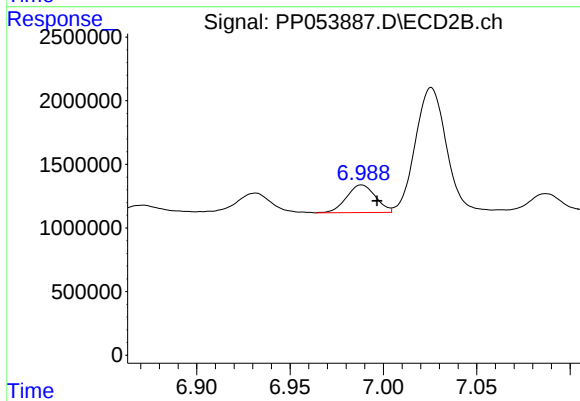
#33 AR-1260-3

R.T.: 6.513 min
Delta R.T.: -0.009 min
Response: 21270886
Conc: 293.46 ng/ml



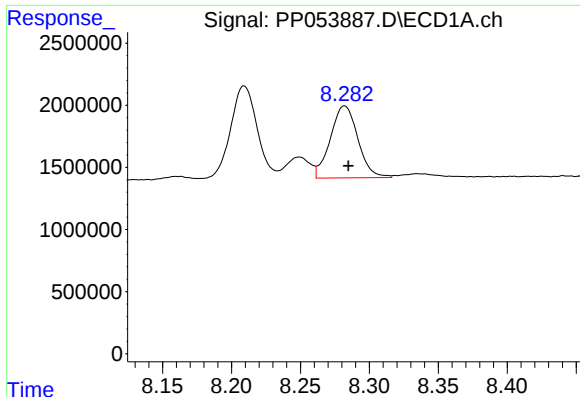
#34 AR-1260-4

R.T.: 7.950 min
Delta R.T.: -0.018 min
Response: 21420255
Conc: 228.23 ng/ml



#34 AR-1260-4

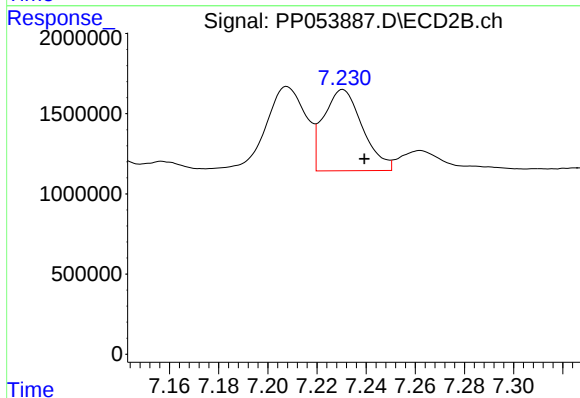
R.T.: 6.988 min
Delta R.T.: -0.008 min
Response: 2346032
Conc: 43.24 ng/ml



#35 AR-1260-5

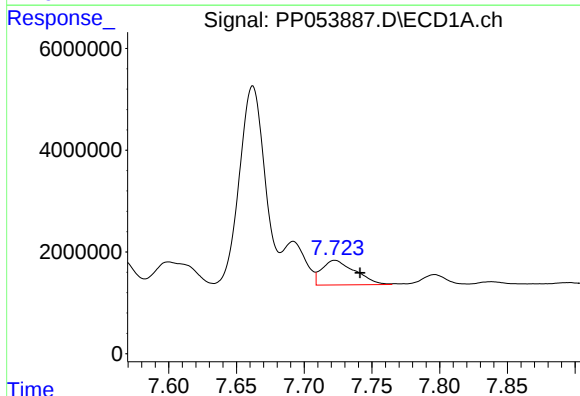
R.T.: 8.282 min
Delta R.T.: -0.003 min
Response: 8067511
Conc: 50.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



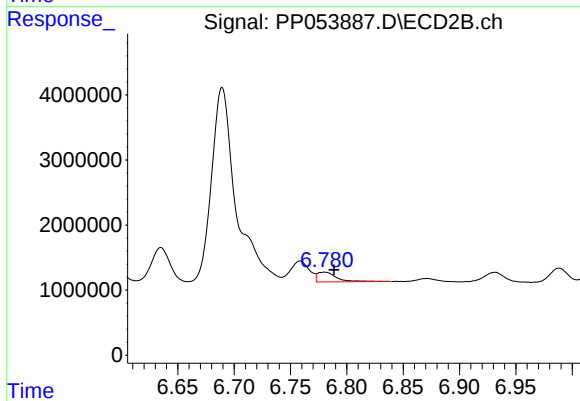
#35 AR-1260-5

R.T.: 7.231 min
Delta R.T.: -0.009 min
Response: 5572225
Conc: 46.60 ng/ml



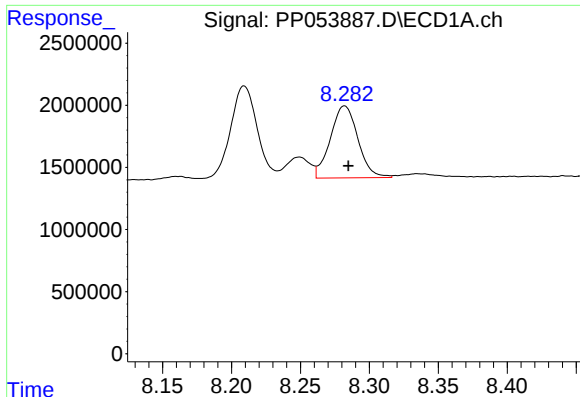
#36 AR-1262-1

R.T.: 7.723 min
Delta R.T.: -0.019 min
Response: 8276885
Conc: 69.14 ng/ml



#36 AR-1262-1

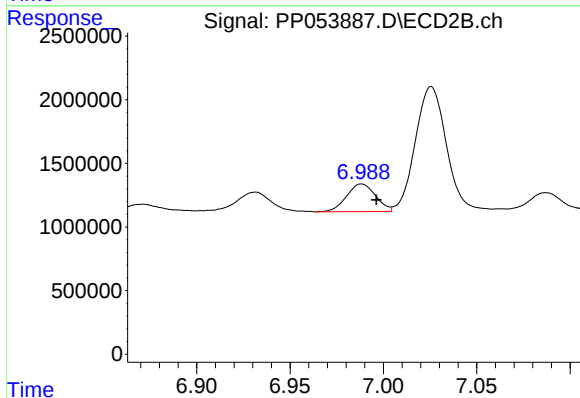
R.T.: 6.780 min
Delta R.T.: -0.008 min
Response: 1841030
Conc: 51.62 ng/ml



#37 AR-1262-2

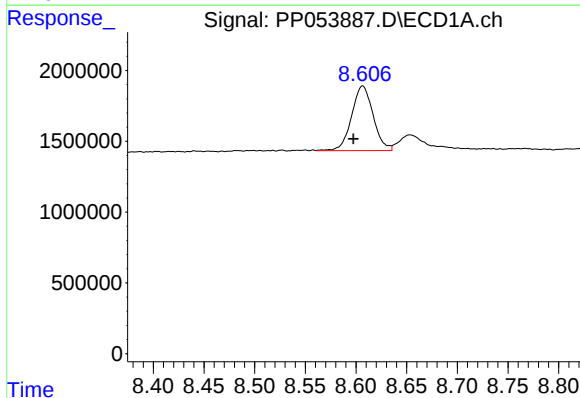
R.T.: 8.282 min
Delta R.T.: -0.003 min
Response: 8067511
Conc: 42.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



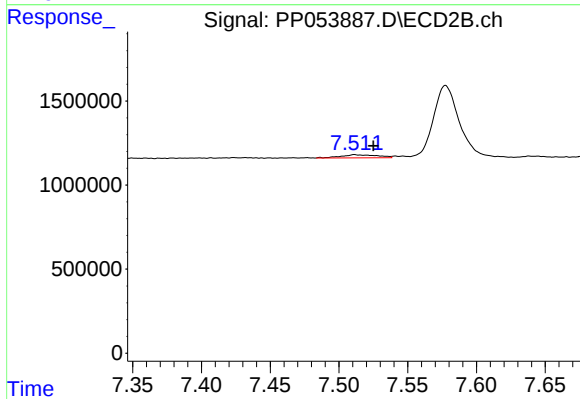
#37 AR-1262-2

R.T.: 6.988 min
Delta R.T.: -0.008 min
Response: 2346032
Conc: 30.18 ng/ml



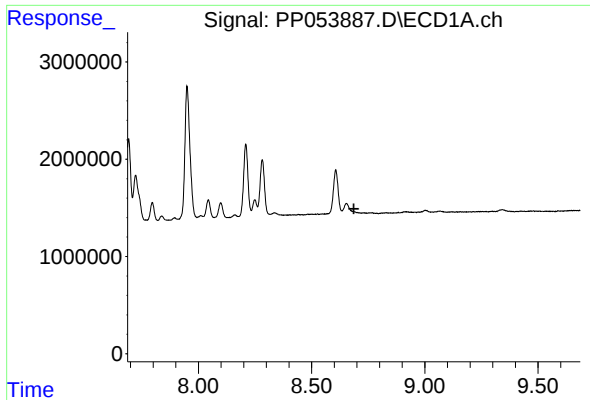
#38 AR-1262-3

R.T.: 8.607 min
Delta R.T.: 0.009 min
Response: 6760335
Conc: 48.79 ng/ml



#38 AR-1262-3

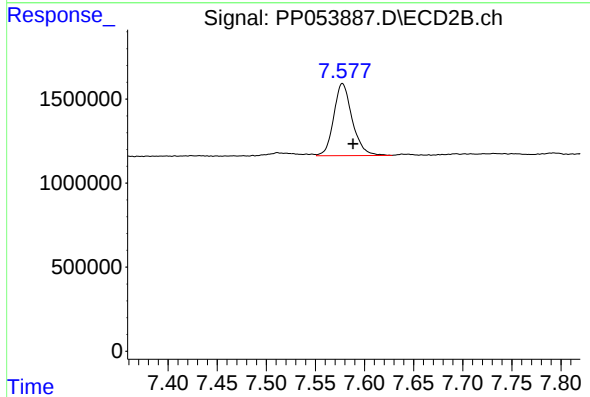
R.T.: 7.512 min
Delta R.T.: -0.013 min
Response: 343428
Conc: 5.45 ng/ml



#39 AR-1262-4

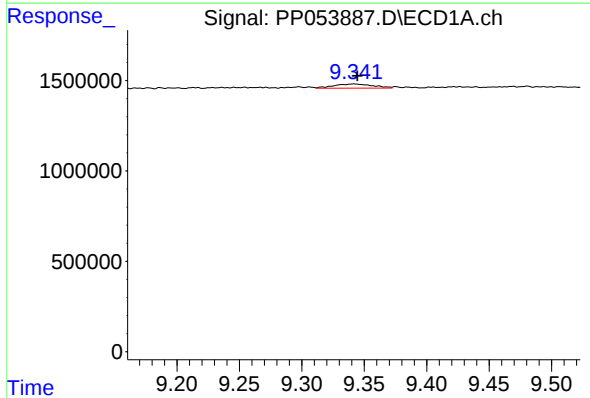
R.T.: 0.000 min
Exp R.T.: 8.686 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



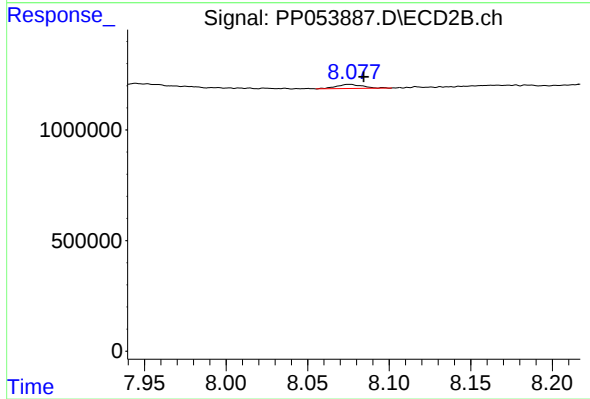
#39 AR-1262-4

R.T.: 7.578 min
Delta R.T.: -0.011 min
Response: 5617316
Conc: 49.13 ng/ml



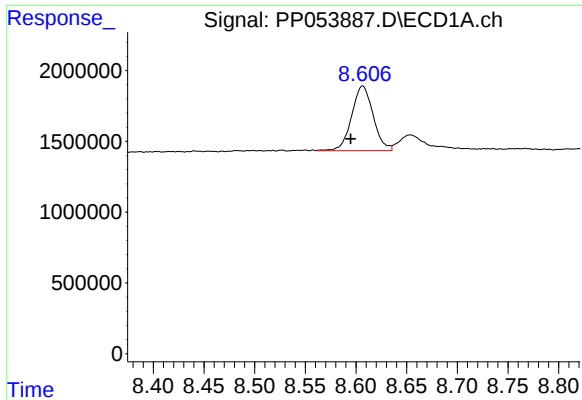
#40 AR-1262-5

R.T.: 9.342 min
Delta R.T.: -0.003 min
Response: 494296
Conc: 6.99 ng/ml



#40 AR-1262-5

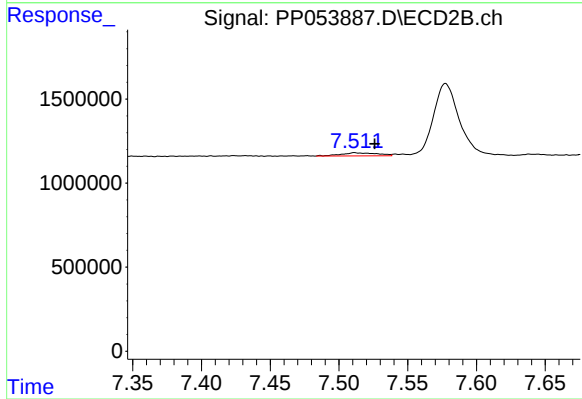
R.T.: 8.076 min
Delta R.T.: -0.009 min
Response: 209660
Conc: 4.21 ng/ml



#41 AR-1268-1

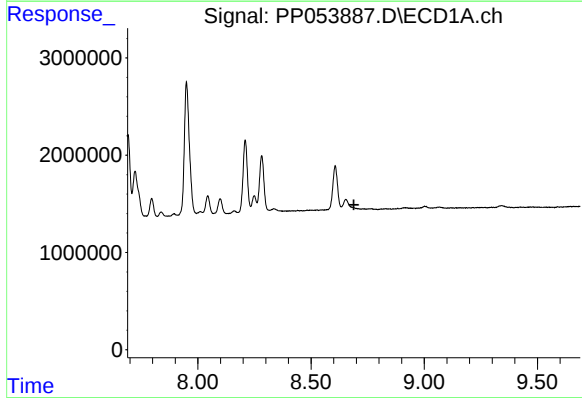
R.T.: 8.607 min
Delta R.T.: 0.012 min
Response: 6760335
Conc: 27.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



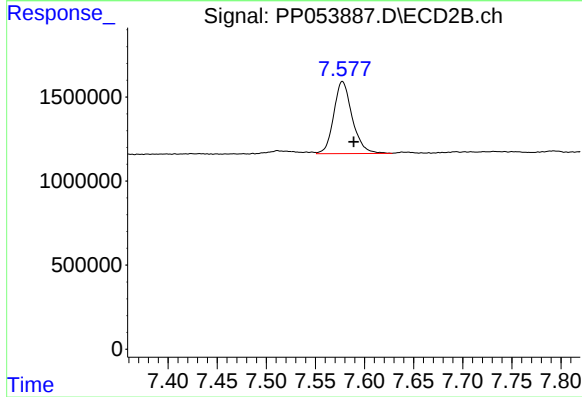
#41 AR-1268-1

R.T.: 7.512 min
Delta R.T.: -0.014 min
Response: 343428
Conc: 1.90 ng/ml



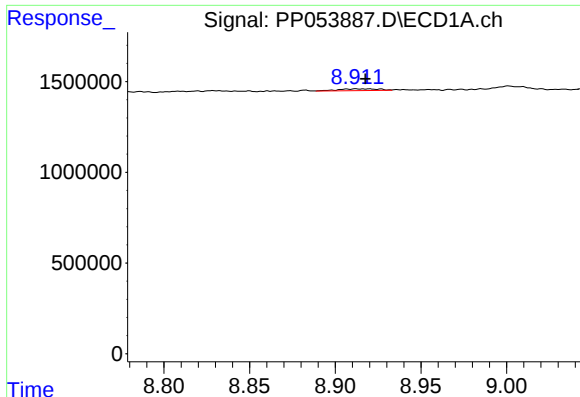
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.689 min
Response: 0
Conc: N.D.



#42 AR-1268-2

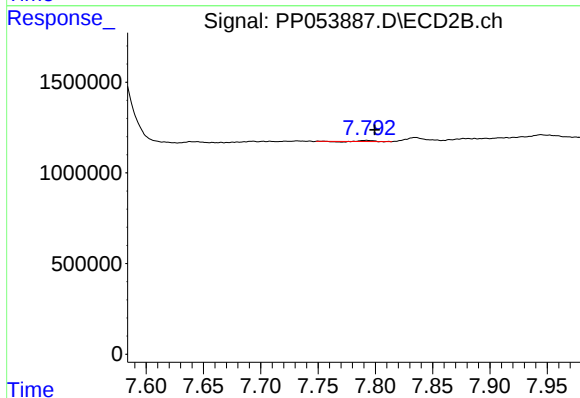
R.T.: 7.578 min
Delta R.T.: -0.012 min
Response: 5617316
Conc: 32.92 ng/ml



#43 AR-1268-3

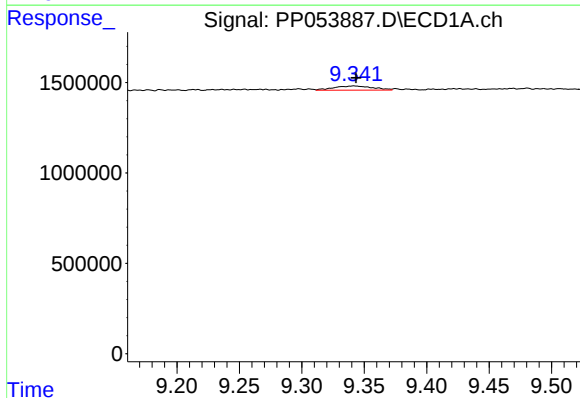
R.T.: 8.912 min
Delta R.T.: -0.005 min
Response: 168461
Conc: 0.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



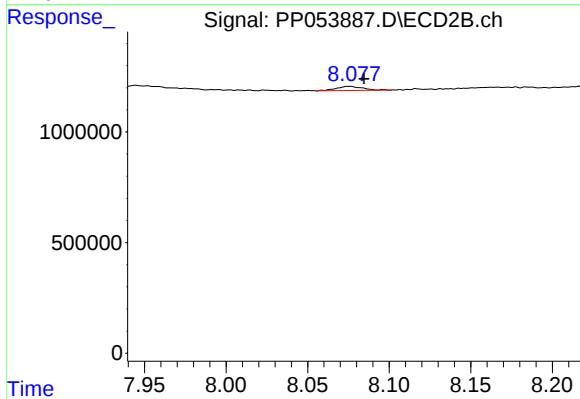
#43 AR-1268-3

R.T.: 7.793 min
Delta R.T.: -0.007 min
Response: 22606
Conc: 0.15 ng/ml



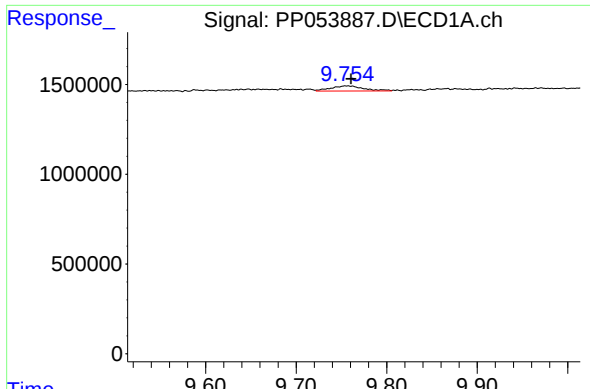
#44 AR-1268-4

R.T.: 9.342 min
Delta R.T.: -0.002 min
Response: 494296
Conc: 6.42 ng/ml



#44 AR-1268-4

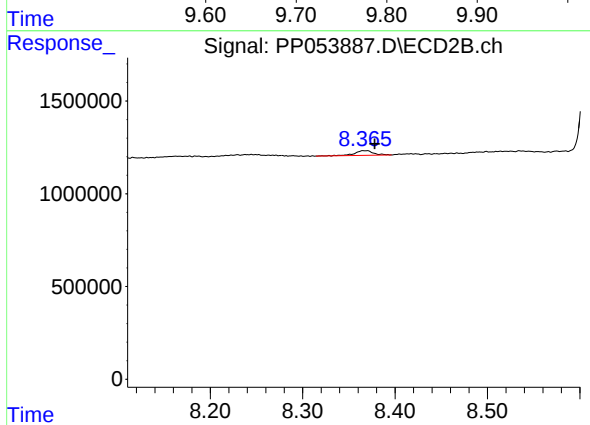
R.T.: 8.076 min
Delta R.T.: -0.009 min
Response: 209660
Conc: 3.76 ng/ml



#45 AR-1268-5

R.T.: 9.755 min
Delta R.T.: -0.006 min
Response: 699172
Conc: 1.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.369 min
Delta R.T.: -0.009 min
Response: 367819
Conc: 0.78 ng/ml