

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072023\
 Data File : PP058795.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 12:18
 Operator : YP\AJ
 Sample : 03566-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:51:14 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	3.665	18254014	45464792	12.493	21.276 #
2)	SA Decachlor...	10.223	8.715	15950244	24123089	17.860	13.279 #
Target Compounds							
3)	L1 AR-1016-1	5.619f	0.000	975030	0	22.727	N.D. #
4)	L1 AR-1016-2	5.619	4.796	975030	920832	16.117	9.874 #
5)	L1 AR-1016-3	5.687	4.964	1184353	-159342	30.566	N.D. #
6)	L1 AR-1016-4	5.794	5.002	821726	321352	26.523	7.464 #
7)	L1 AR-1016-5	6.095	5.210	822629	350592	25.996	6.332 #
8)	L2 AR-1221-1	4.632	3.887	8740225	818275	463.611	31.858 #
9)	L2 AR-1221-2	4.732	3.967	391512	815574	28.044	42.284 #
10)	L2 AR-1221-3	4.812	4.042	6289869	114637	153.830	1.910 #
11)	L3 AR-1232-1	4.812	4.042	6289869	114637	191.202	2.343 #
12)	L3 AR-1232-2	5.337	4.796	197866	920832	11.377	21.609 #
13)	L3 AR-1232-3	5.619	4.964	975030	-159342	34.422	N.D. #
14)	L3 AR-1232-4	5.794	5.043	821726	88897	57.459	4.062 #
15)	L3 AR-1232-5	5.873	5.210	145632	350592	12.389	14.317
16)	L4 AR-1242-1	5.619f	0.000	975030	0	25.507	N.D. #
17)	L4 AR-1242-2	5.619	4.796	975030	920832	18.215	11.425 #
18)	L4 AR-1242-3	5.687	4.964	1184353	-159342	34.650	N.D. #
19)	L4 AR-1242-4	5.794	5.043	821726	88897	29.903	2.001 #
20)	L4 AR-1242-5	6.528	5.571	554819	2471354	21.305	47.364 #
21)	L5 AR-1248-1	5.619f	0.000	975030	0	36.008	N.D. #
22)	L5 AR-1248-2	5.873	5.002	145632	321352	3.686	5.275 #
23)	L5 AR-1248-3	6.095	5.043	822629	88897	18.547	1.442 #
24)	L5 AR-1248-4	6.496	5.210	862091	350592	20.424	4.813 #
25)	L5 AR-1248-5	6.528	5.611	554819	731971	13.596	11.252
26)	L6 AR-1254-1	6.457	5.571	1232812	2471354	25.331	22.591
27)	L6 AR-1254-2	6.680	5.719	1947332	2607902	27.237	27.303
28)	L6 AR-1254-3	7.048	6.125	2078182	6407410	28.181	42.553 #
29)	L6 AR-1254-4	7.333	6.355	-19031	2811035	N.D.	34.042 #
30)	L6 AR-1254-5	7.755	6.774	3891823	12745860	71.885	99.507 #
31)	L7 AR-1260-1	7.215	6.256	766282	5377703	13.450	49.023 #
32)	L7 AR-1260-2	7.468	6.449	4860335	13273799	75.077	104.831 #
33)	L7 AR-1260-3	7.831	6.599	2248560	3030074	45.432	24.990 #
34)	L7 AR-1260-4	8.045	7.072	2266379	5881822	42.673	58.895 #
35)	L7 AR-1260-5	8.379	7.314	2648126	4820383	27.518	23.463
36)	L8 AR-1262-1	7.831	6.865	2248560	1524297	32.536	25.784
37)	L8 AR-1262-2	8.379	7.072	2648126	5881822	24.695	47.150 #
38)	L8 AR-1262-3	8.690	7.607	-469559	91149440	N.D.	962.247 #
39)	L8 AR-1262-4	8.787	7.664	5728700	11502562	98.491	69.183 #
40)	L8 AR-1262-5	9.452	8.162	1466145	2958099	40.314	42.022
41)	L9 AR-1268-1	8.690	7.607	-469559	91149440	N.D.	327.007 #

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 Operator : YP\AJ
 Sample : 03566-17
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 ALS Vial : 16 Sample Multiplier: 1

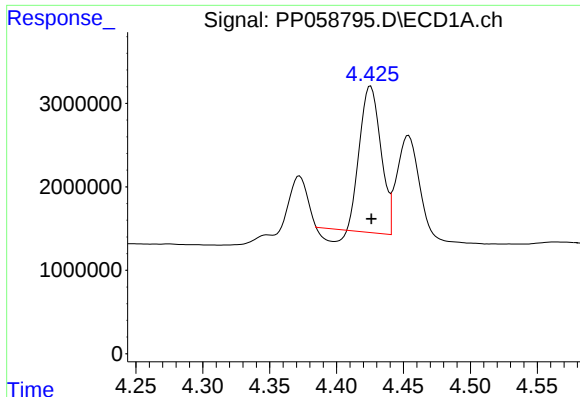
Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:51:14 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	8.787	7.664	5728700	11502562	48.751	46.567
43) L9	AR-1268-3	9.020	7.873	4582439	9073308	44.919	40.890
44) L9	AR-1268-4	9.452	8.162	1466145	2958099	38.068	37.866
45) L9	AR-1268-5	9.874	8.456	13088417	22995015	39.721	36.133

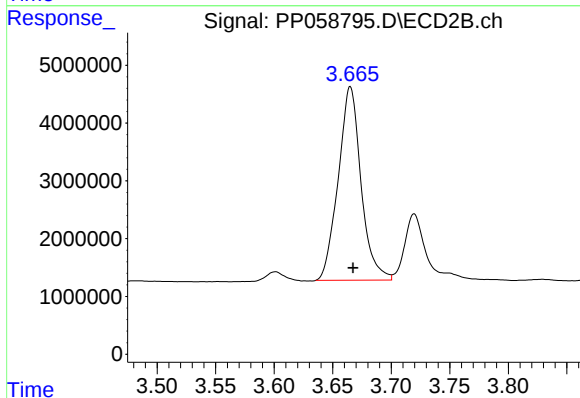
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

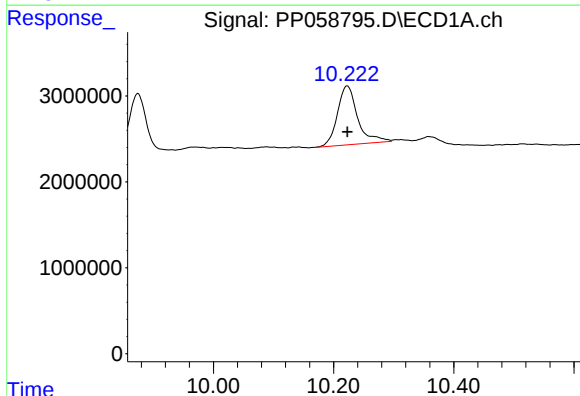
R.T.: 4.425 min
Delta R.T.: 0.000 min
Response: 18254014
Conc: 12.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



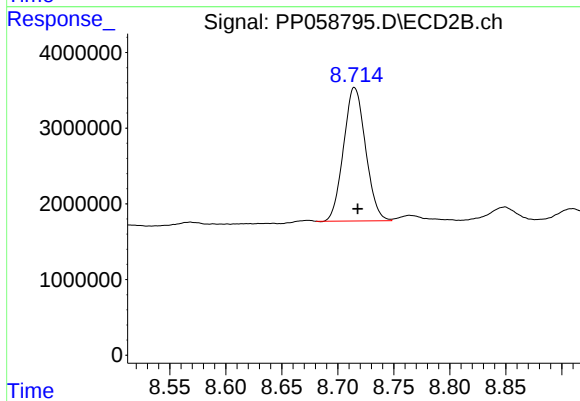
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 45464792
Conc: 21.28 ng/ml



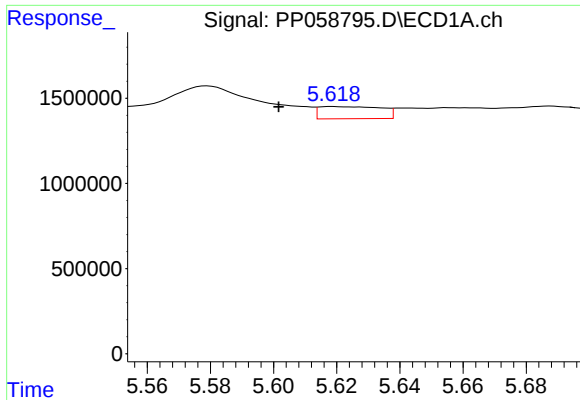
#2 Decachlorobiphenyl

R.T.: 10.223 min
Delta R.T.: 0.000 min
Response: 15950244
Conc: 17.86 ng/ml



#2 Decachlorobiphenyl

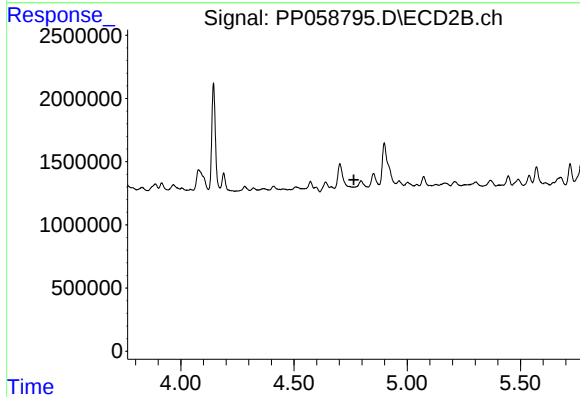
R.T.: 8.715 min
Delta R.T.: -0.003 min
Response: 24123089
Conc: 13.28 ng/ml



#3 AR-1016-1

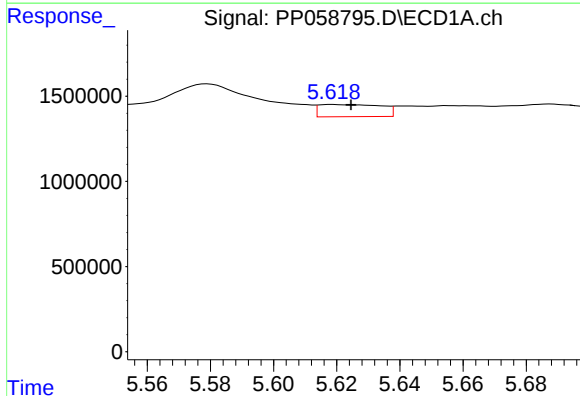
R.T.: 5.619 min
Delta R.T.: 0.017 min
Response: 975030
Conc: 22.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



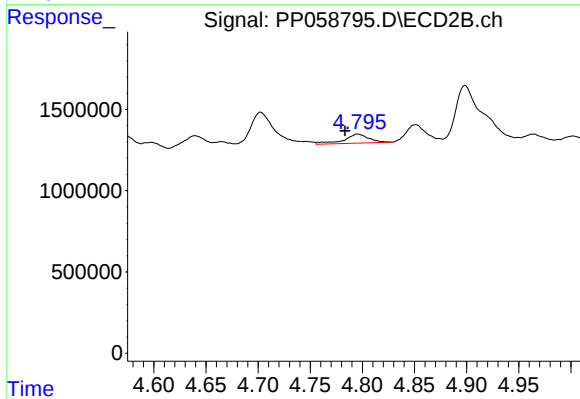
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.764 min
Response: 0
Conc: N.D.



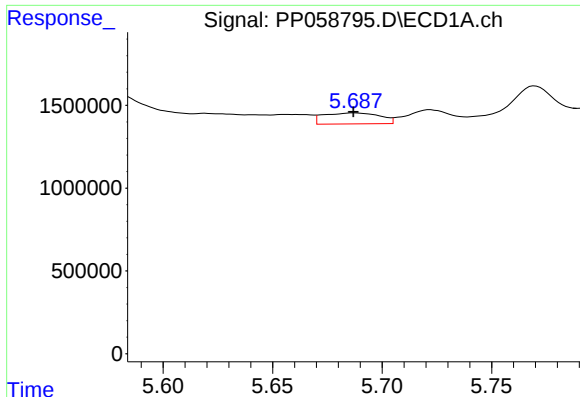
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: -0.006 min
Response: 975030
Conc: 16.12 ng/ml



#4 AR-1016-2

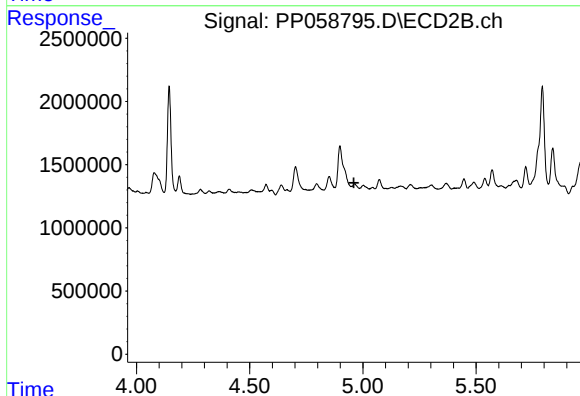
R.T.: 4.796 min
Delta R.T.: 0.012 min
Response: 920832
Conc: 9.87 ng/ml



#5 AR-1016-3

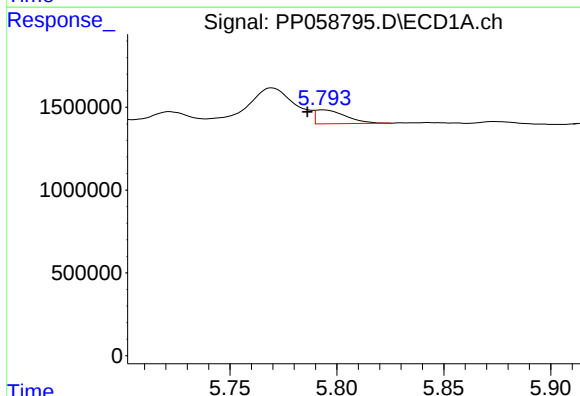
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 1184353
Conc: 30.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



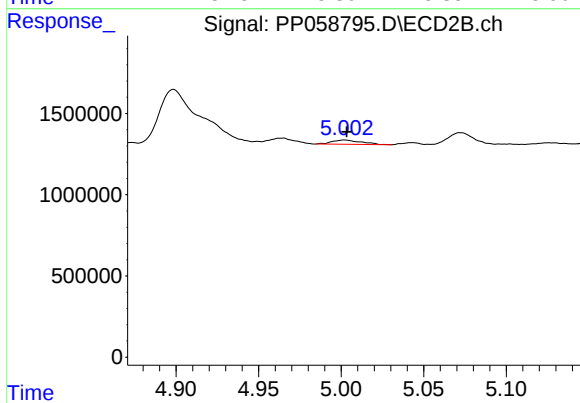
#5 AR-1016-3

R.T.: 4.964 min
Delta R.T.: 0.004 min
Response: -159342
Conc: N.D.



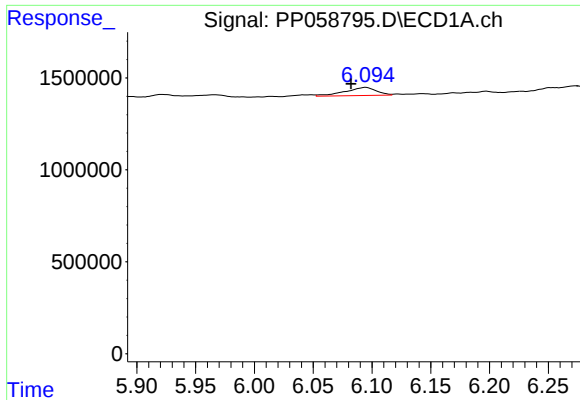
#6 AR-1016-4

R.T.: 5.794 min
Delta R.T.: 0.007 min
Response: 821726
Conc: 26.52 ng/ml



#6 AR-1016-4

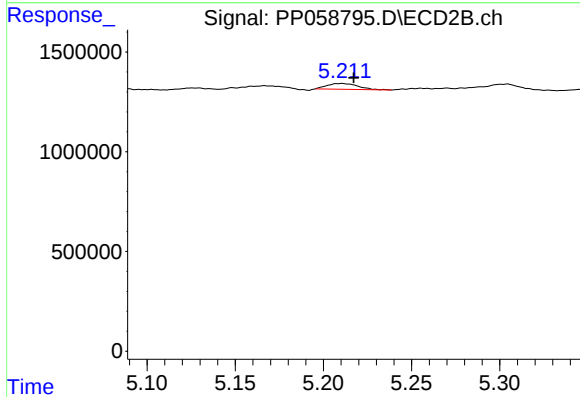
R.T.: 5.002 min
Delta R.T.: -0.001 min
Response: 321352
Conc: 7.46 ng/ml



#7 AR-1016-5

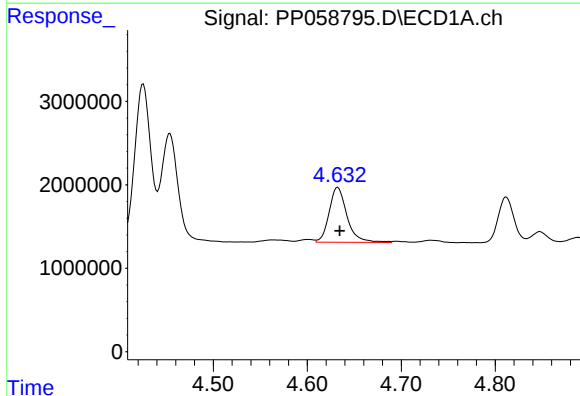
R.T.: 6.095 min
Delta R.T.: 0.013 min
Response: 822629
Conc: 26.00 ng/ml

Instrument :
ECD_D
ClientSampleId :



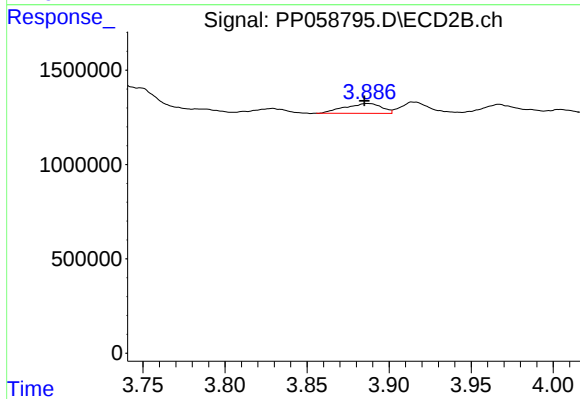
#7 AR-1016-5

R.T.: 5.210 min
Delta R.T.: -0.007 min
Response: 350592
Conc: 6.33 ng/ml



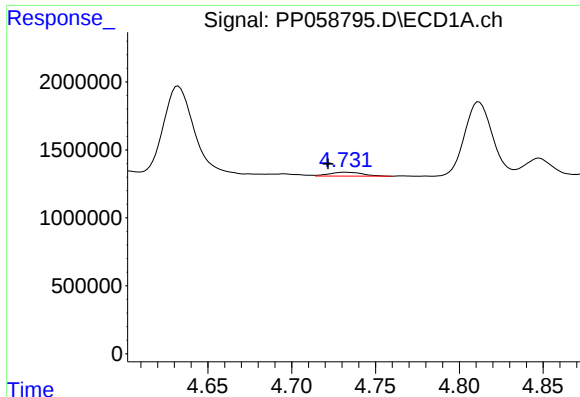
#8 AR-1221-1

R.T.: 4.632 min
Delta R.T.: -0.002 min
Response: 8740225
Conc: 463.61 ng/ml



#8 AR-1221-1

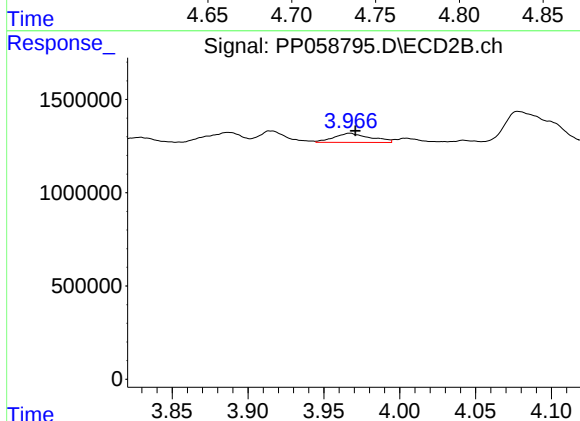
R.T.: 3.887 min
Delta R.T.: 0.002 min
Response: 818275
Conc: 31.86 ng/ml



#9 AR-1221-2

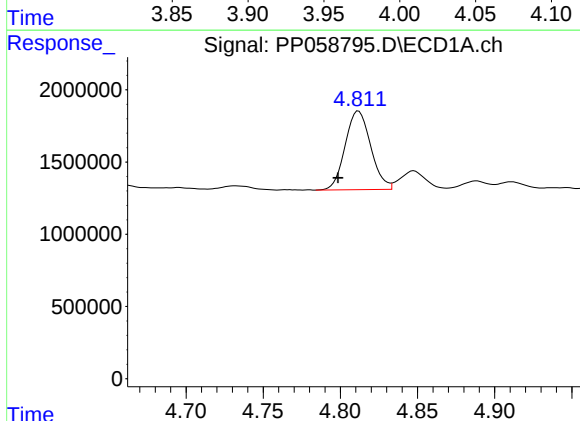
R.T.: 4.732 min
Delta R.T.: 0.010 min
Response: 391512
Conc: 28.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



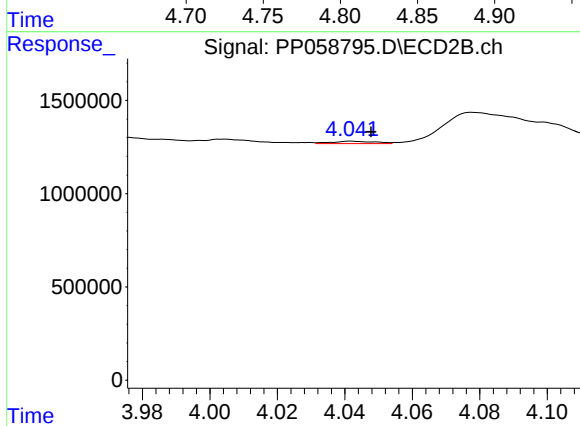
#9 AR-1221-2

R.T.: 3.967 min
Delta R.T.: -0.004 min
Response: 815574
Conc: 42.28 ng/ml



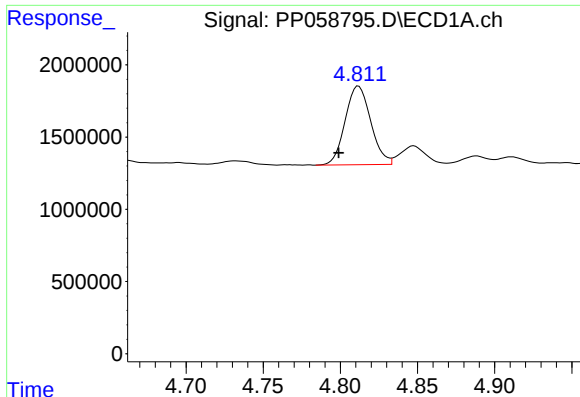
#10 AR-1221-3

R.T.: 4.812 min
Delta R.T.: 0.013 min
Response: 6289869
Conc: 153.83 ng/ml



#10 AR-1221-3

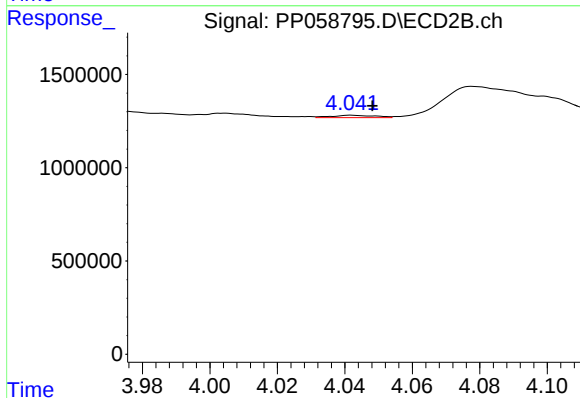
R.T.: 4.042 min
Delta R.T.: -0.006 min
Response: 114637
Conc: 1.91 ng/ml



#11 AR-1232-1

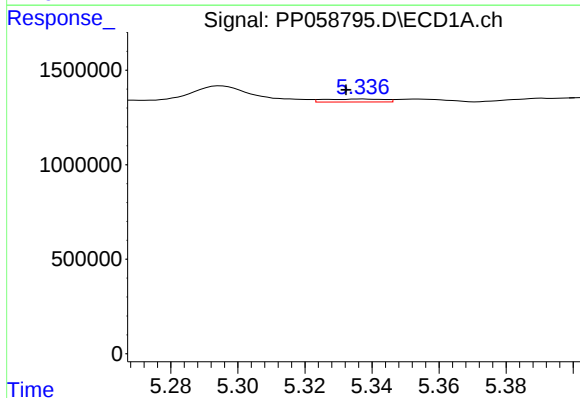
R.T.: 4.812 min
Delta R.T.: 0.013 min
Response: 6289869
Conc: 191.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



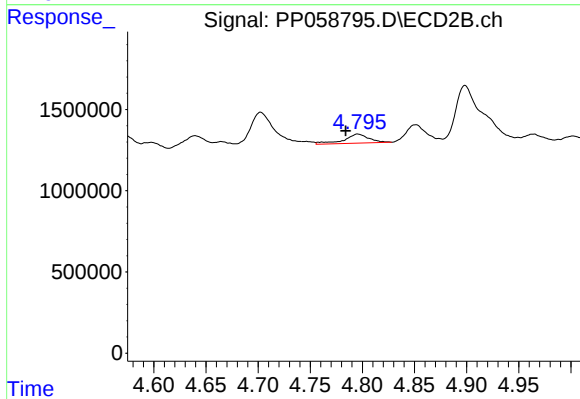
#11 AR-1232-1

R.T.: 4.042 min
Delta R.T.: -0.006 min
Response: 114637
Conc: 2.34 ng/ml



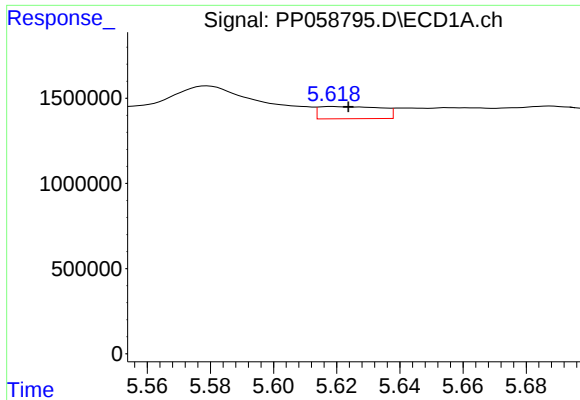
#12 AR-1232-2

R.T.: 5.337 min
Delta R.T.: 0.004 min
Response: 197866
Conc: 11.38 ng/ml



#12 AR-1232-2

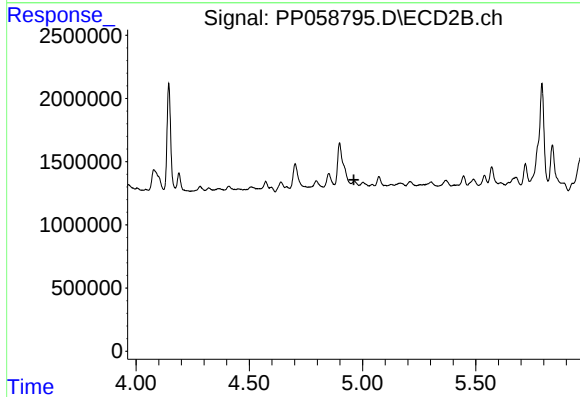
R.T.: 4.796 min
Delta R.T.: 0.011 min
Response: 920832
Conc: 21.61 ng/ml



#13 AR-1232-3

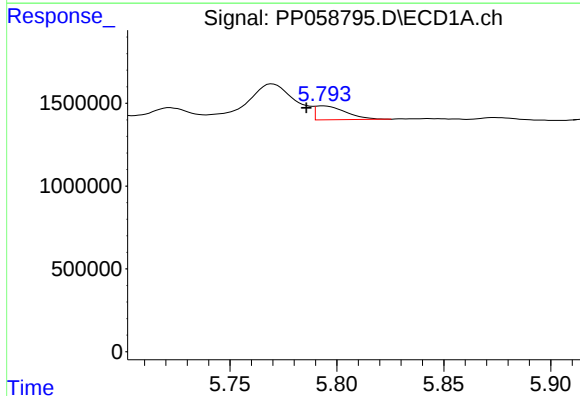
R.T.: 5.619 min
Delta R.T.: -0.005 min
Response: 975030
Conc: 34.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



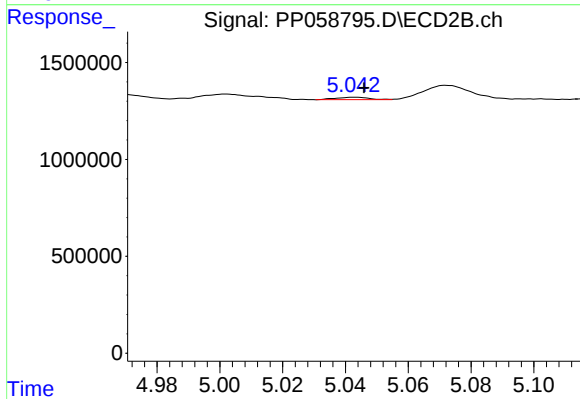
#13 AR-1232-3

R.T.: 4.964 min
Delta R.T.: 0.002 min
Response: -159342
Conc: N.D.



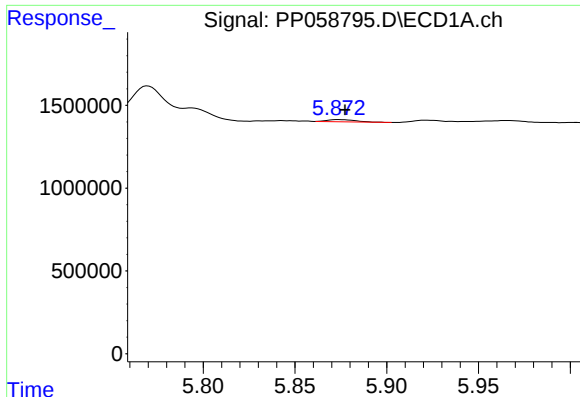
#14 AR-1232-4

R.T.: 5.794 min
Delta R.T.: 0.008 min
Response: 821726
Conc: 57.46 ng/ml



#14 AR-1232-4

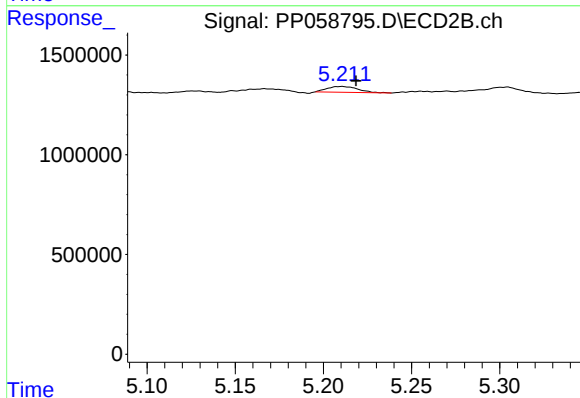
R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 88897
Conc: 4.06 ng/ml



#15 AR-1232-5

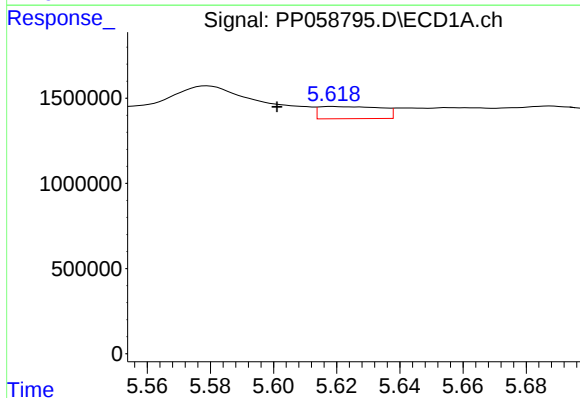
R.T.: 5.873 min
Delta R.T.: -0.004 min
Response: 145632
Conc: 12.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



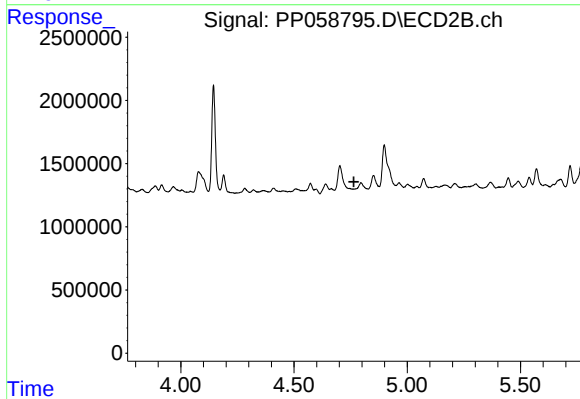
#15 AR-1232-5

R.T.: 5.210 min
Delta R.T.: -0.008 min
Response: 350592
Conc: 14.32 ng/ml



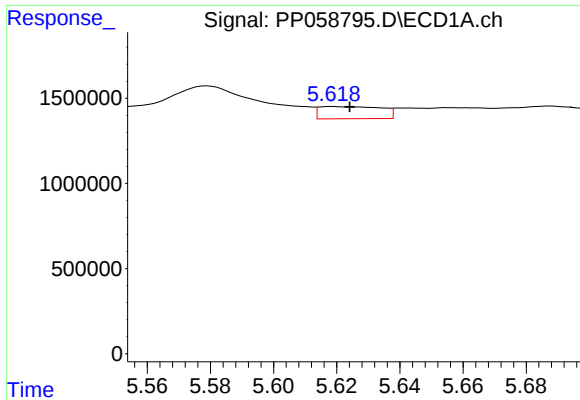
#16 AR-1242-1

R.T.: 5.619 min
Delta R.T.: 0.018 min
Response: 975030
Conc: 25.51 ng/ml



#16 AR-1242-1

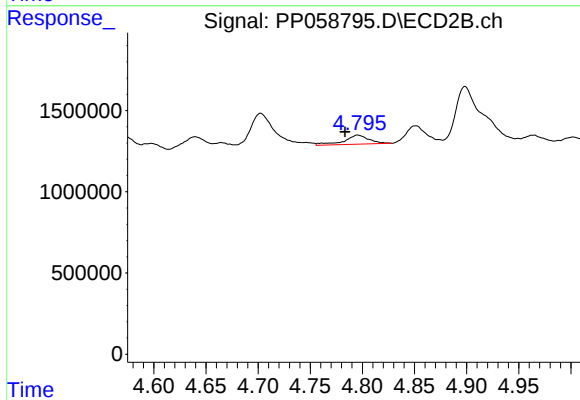
R.T.: 0.000 min
Exp R.T.: 4.764 min
Response: 0
Conc: N.D.



#17 AR-1242-2

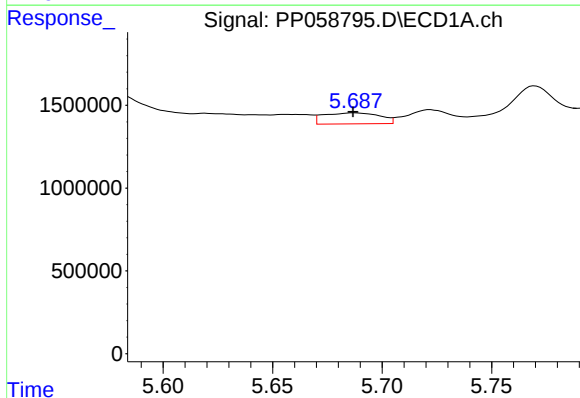
R.T.: 5.619 min
Delta R.T.: -0.005 min
Response: 975030
Conc: 18.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



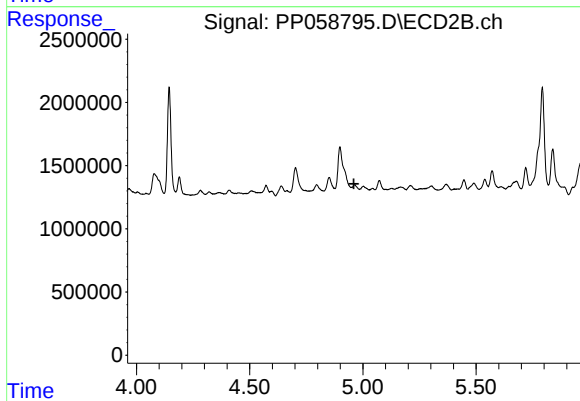
#17 AR-1242-2

R.T.: 4.796 min
Delta R.T.: 0.012 min
Response: 920832
Conc: 11.43 ng/ml



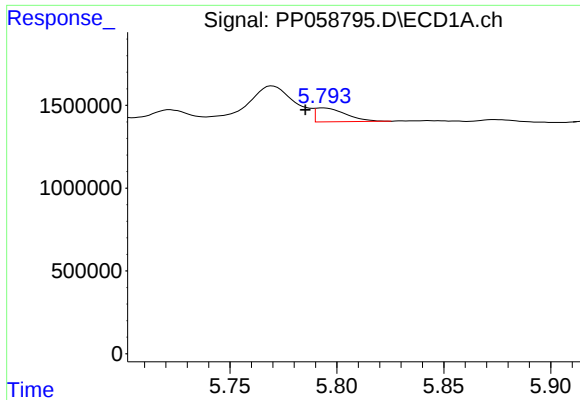
#18 AR-1242-3

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 1184353
Conc: 34.65 ng/ml



#18 AR-1242-3

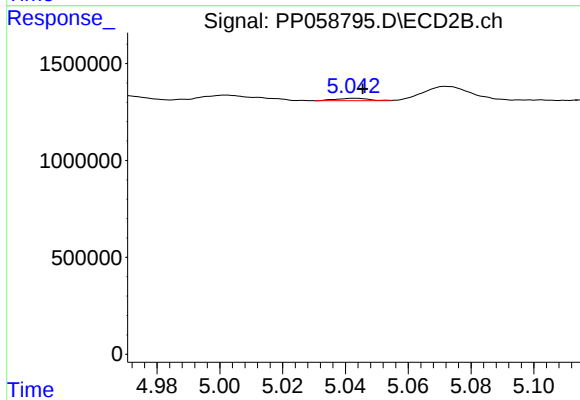
R.T.: 4.964 min
Delta R.T.: 0.004 min
Response: -159342
Conc: N.D.



#19 AR-1242-4

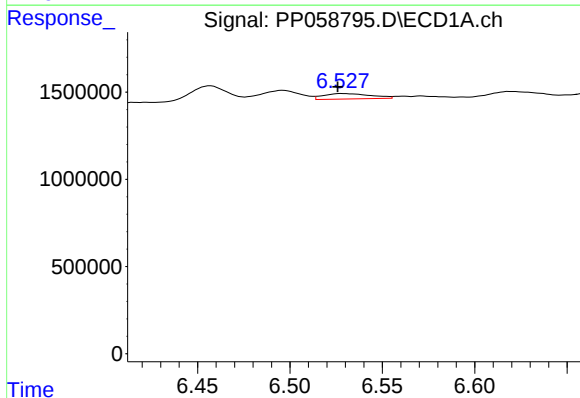
R.T.: 5.794 min
Delta R.T.: 0.008 min
Response: 821726
Conc: 29.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



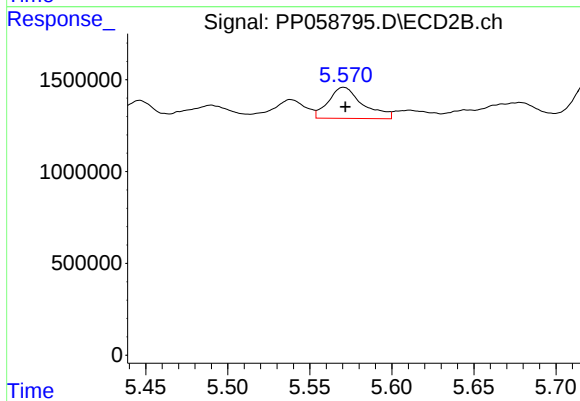
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 88897
Conc: 2.00 ng/ml



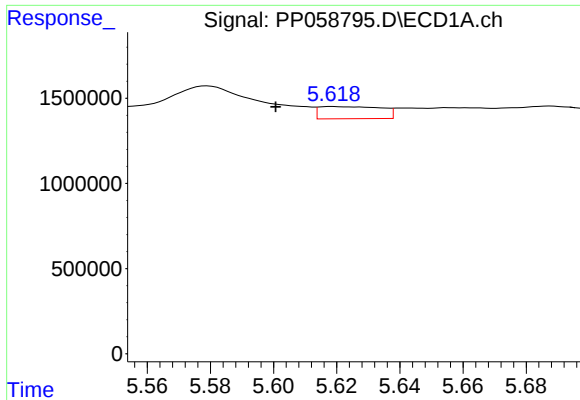
#20 AR-1242-5

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 554819
Conc: 21.30 ng/ml



#20 AR-1242-5

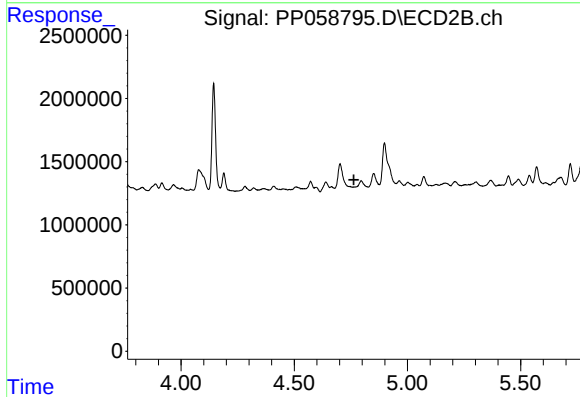
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 2471354
Conc: 47.36 ng/ml



#21 AR-1248-1

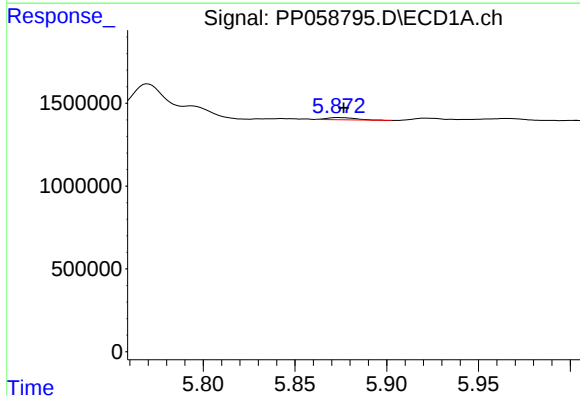
R.T.: 5.619 min
Delta R.T.: 0.018 min
Response: 975030
Conc: 36.01 ng/ml

Instrument :
ECD_D
ClientSampleId :



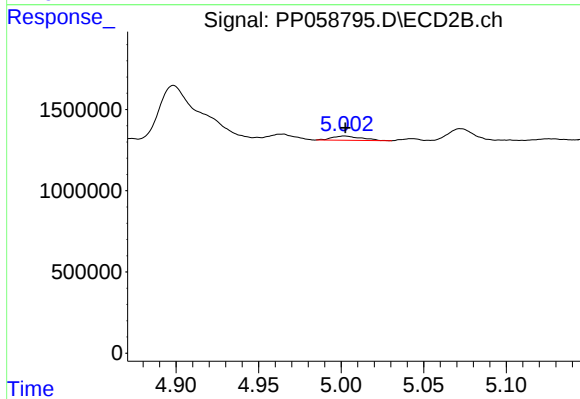
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.



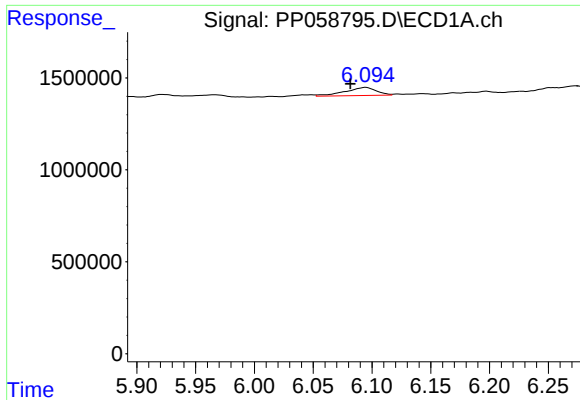
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: -0.003 min
Response: 145632
Conc: 3.69 ng/ml



#22 AR-1248-2

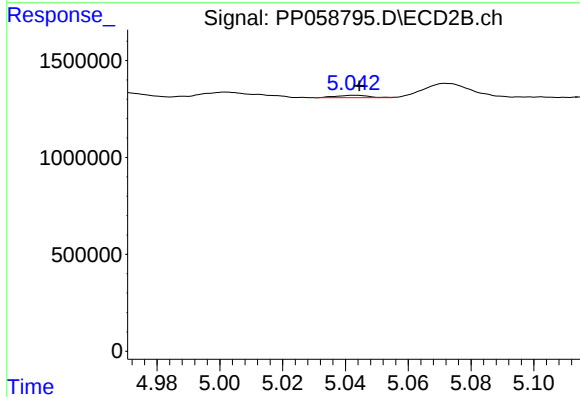
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 321352
Conc: 5.27 ng/ml



#23 AR-1248-3

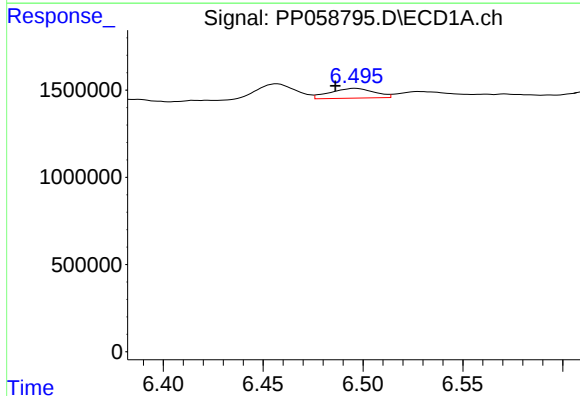
R.T.: 6.095 min
Delta R.T.: 0.013 min
Response: 822629
Conc: 18.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



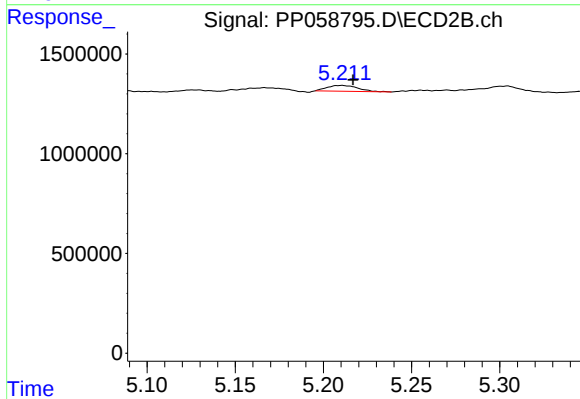
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 88897
Conc: 1.44 ng/ml



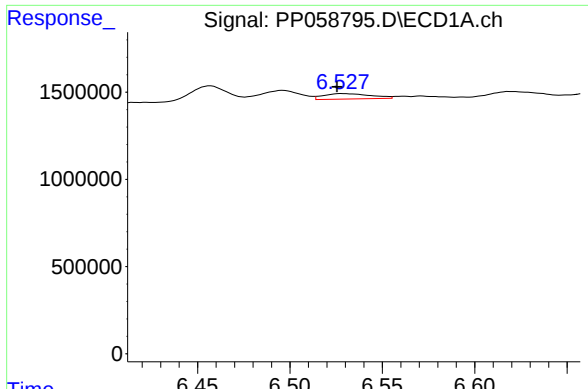
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.010 min
Response: 862091
Conc: 20.42 ng/ml



#24 AR-1248-4

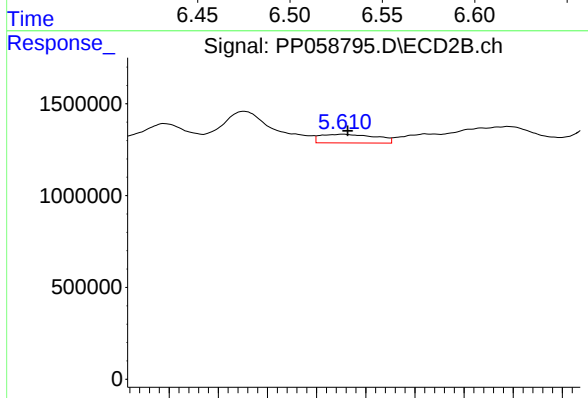
R.T.: 5.210 min
Delta R.T.: -0.007 min
Response: 350592
Conc: 4.81 ng/ml



#25 AR-1248-5

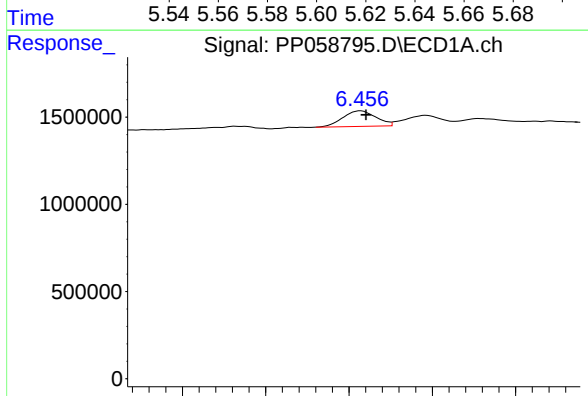
R.T.: 6.528 min
Delta R.T.: 0.003 min
Response: 554819
Conc: 13.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



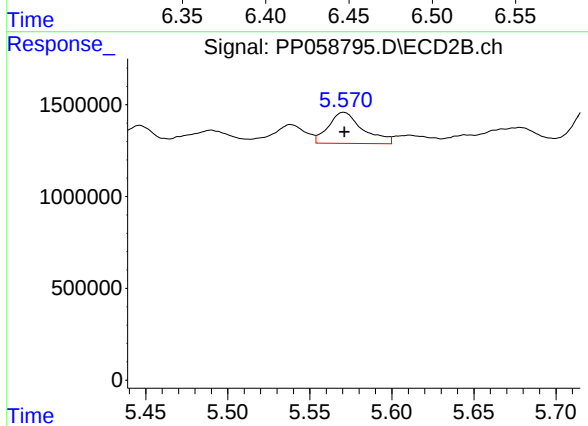
#25 AR-1248-5

R.T.: 5.611 min
Delta R.T.: -0.002 min
Response: 731971
Conc: 11.25 ng/ml



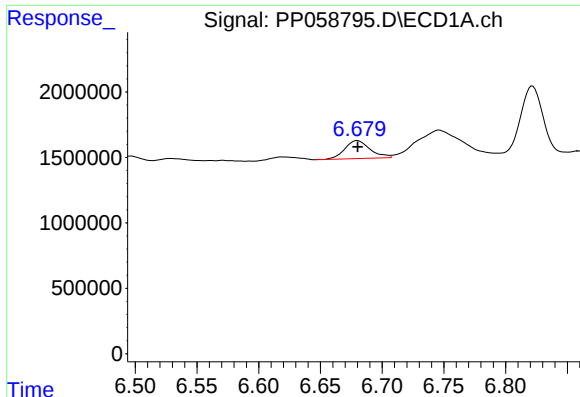
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: -0.003 min
Response: 1232812
Conc: 25.33 ng/ml



#26 AR-1254-1

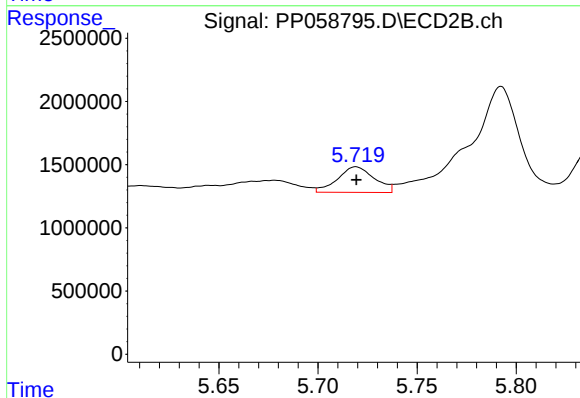
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 2471354
Conc: 22.59 ng/ml



#27 AR-1254-2

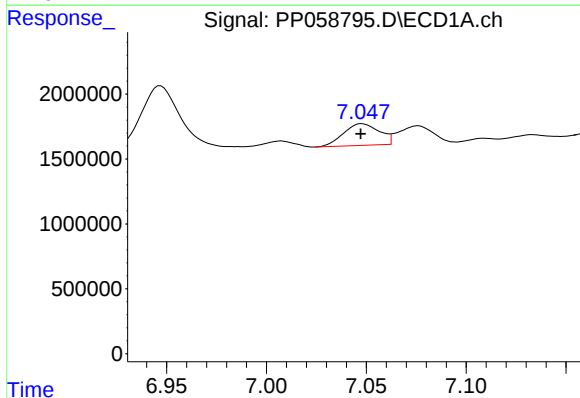
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 1947332
Conc: 27.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



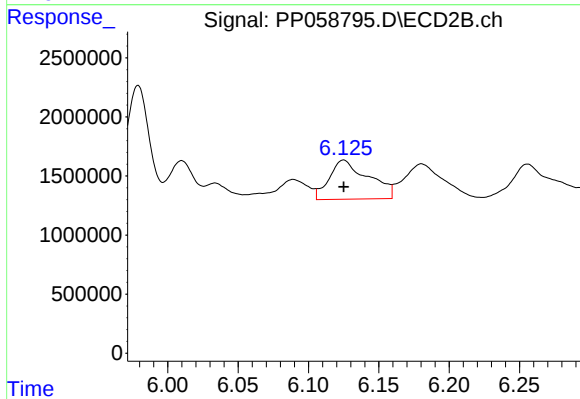
#27 AR-1254-2

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 2607902
Conc: 27.30 ng/ml



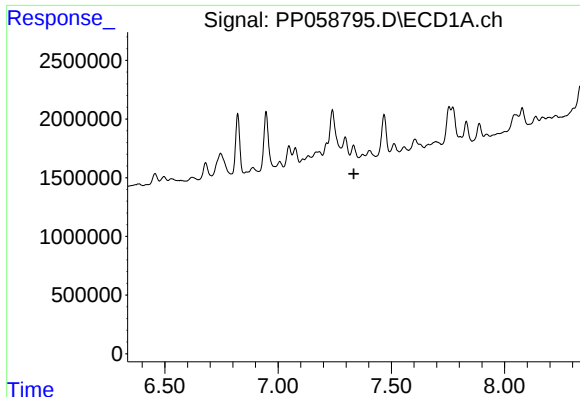
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 2078182
Conc: 28.18 ng/ml



#28 AR-1254-3

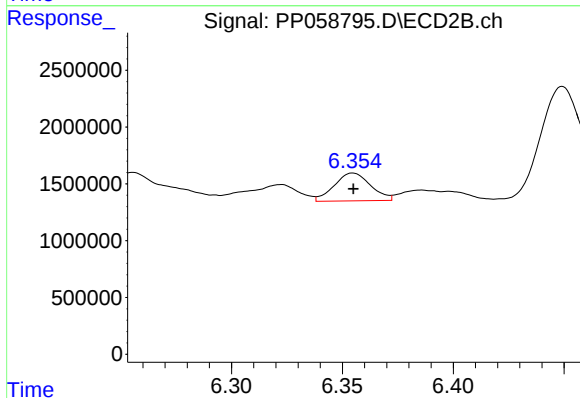
R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 6407410
Conc: 42.55 ng/ml



#29 AR-1254-4

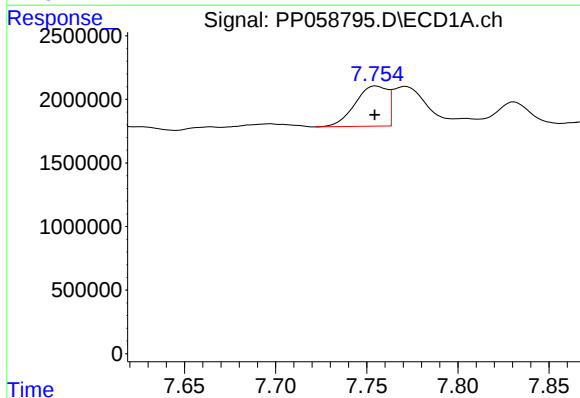
R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: -19031
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



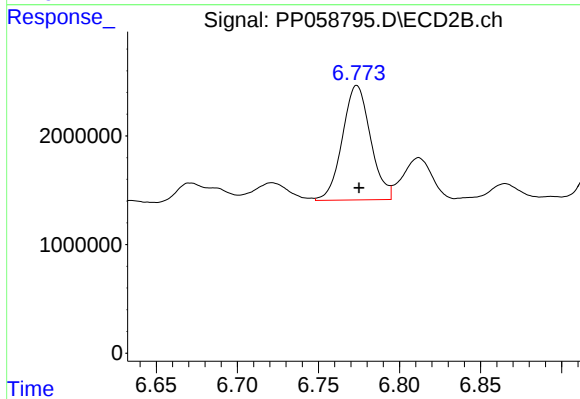
#29 AR-1254-4

R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 2811035
Conc: 34.04 ng/ml



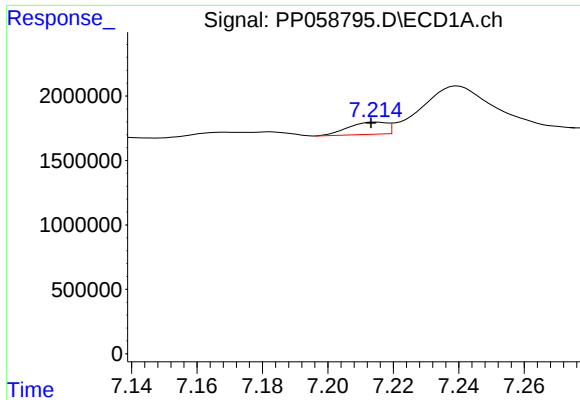
#30 AR-1254-5

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 3891823
Conc: 71.88 ng/ml



#30 AR-1254-5

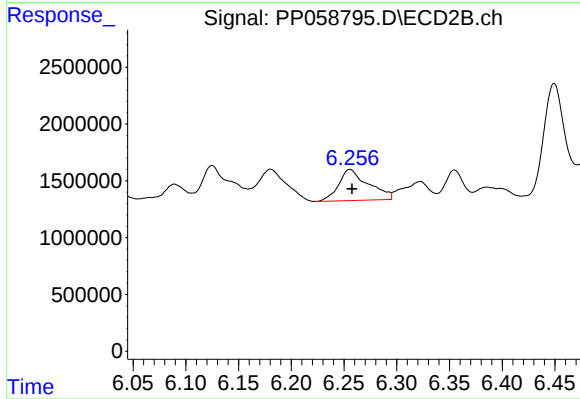
R.T.: 6.774 min
Delta R.T.: -0.001 min
Response: 12745860
Conc: 99.51 ng/ml



#31 AR-1260-1

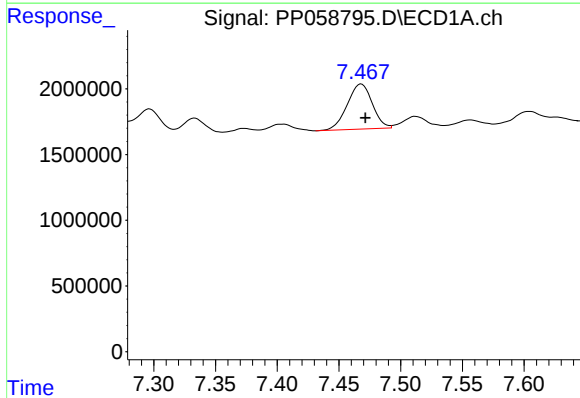
R.T.: 7.215 min
Delta R.T.: 0.002 min
Response: 766282
Conc: 13.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



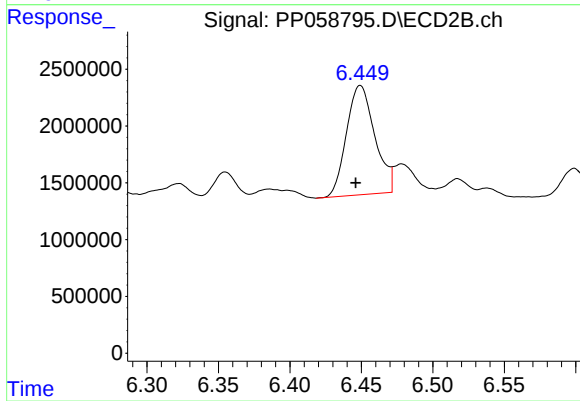
#31 AR-1260-1

R.T.: 6.256 min
Delta R.T.: -0.002 min
Response: 5377703
Conc: 49.02 ng/ml



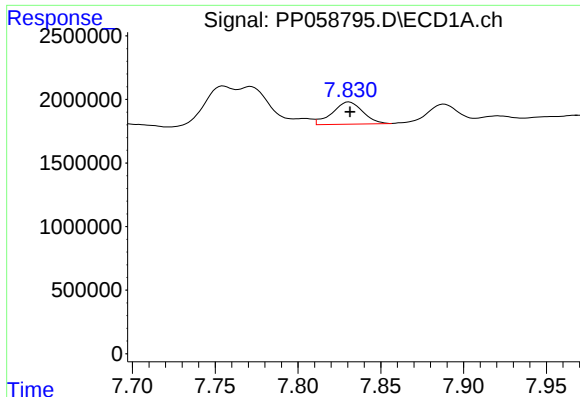
#32 AR-1260-2

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 4860335
Conc: 75.08 ng/ml



#32 AR-1260-2

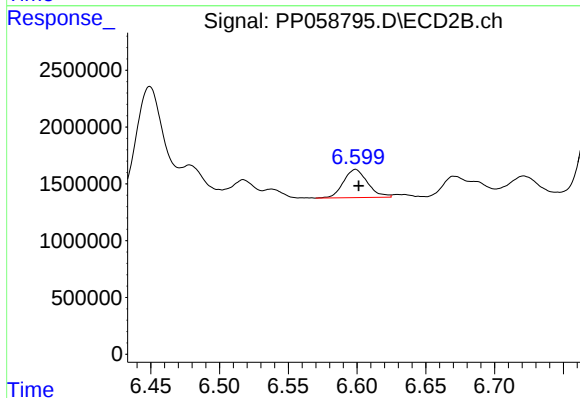
R.T.: 6.449 min
Delta R.T.: 0.003 min
Response: 13273799
Conc: 104.83 ng/ml



#33 AR-1260-3

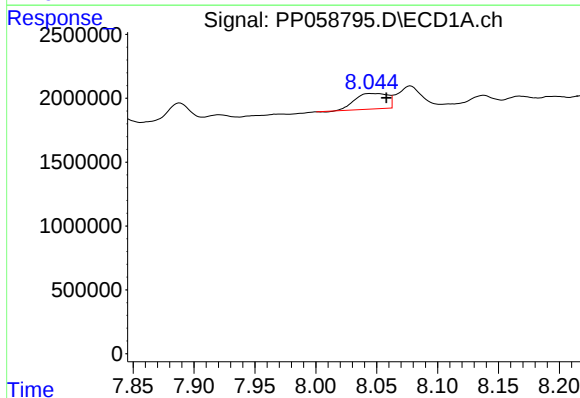
R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 2248560
Conc: 45.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



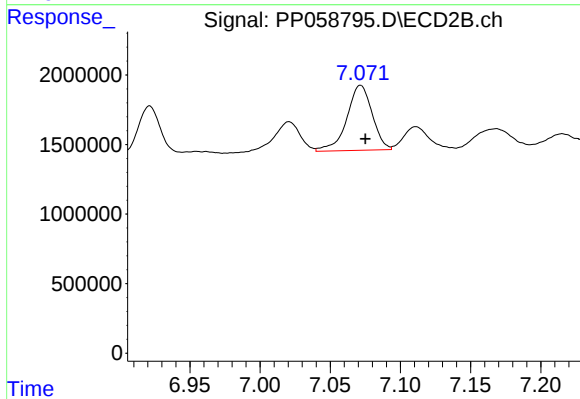
#33 AR-1260-3

R.T.: 6.599 min
Delta R.T.: -0.002 min
Response: 3030074
Conc: 24.99 ng/ml



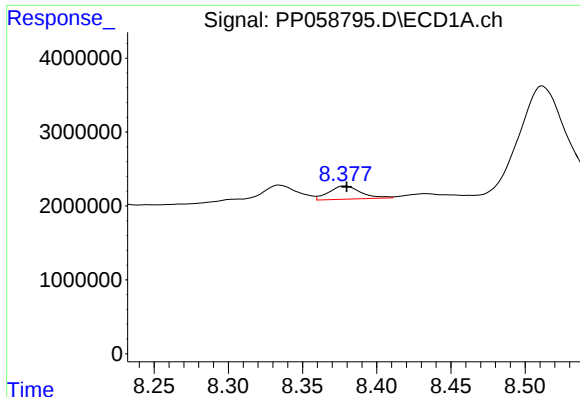
#34 AR-1260-4

R.T.: 8.045 min
Delta R.T.: -0.013 min
Response: 2266379
Conc: 42.67 ng/ml



#34 AR-1260-4

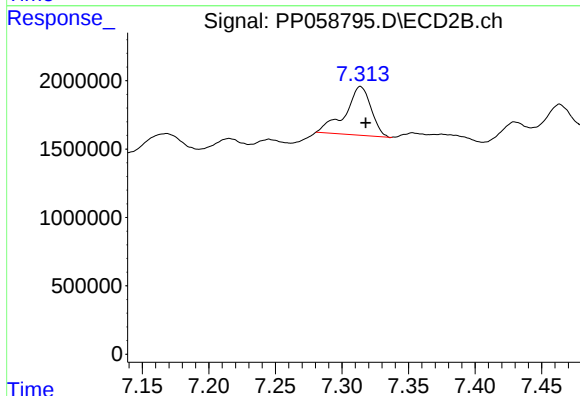
R.T.: 7.072 min
Delta R.T.: -0.003 min
Response: 5881822
Conc: 58.90 ng/ml



#35 AR-1260-5

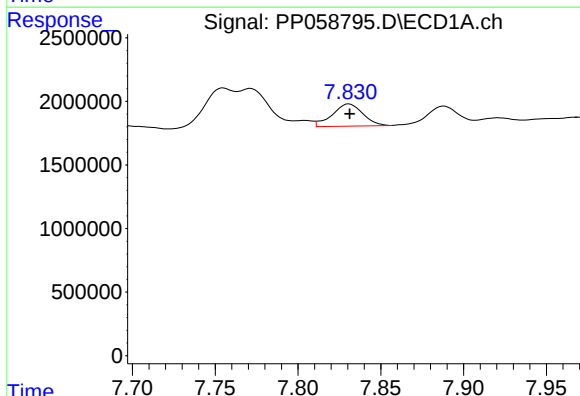
R.T.: 8.379 min
Delta R.T.: -0.001 min
Response: 2648126
Conc: 27.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



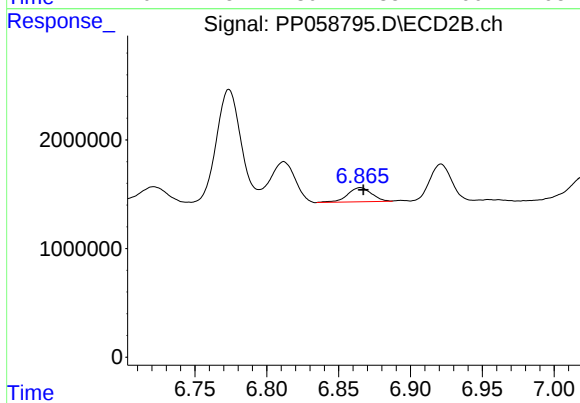
#35 AR-1260-5

R.T.: 7.314 min
Delta R.T.: -0.004 min
Response: 4820383
Conc: 23.46 ng/ml



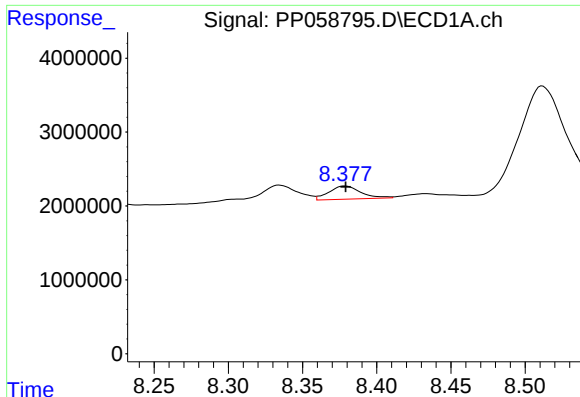
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 2248560
Conc: 32.54 ng/ml



#36 AR-1262-1

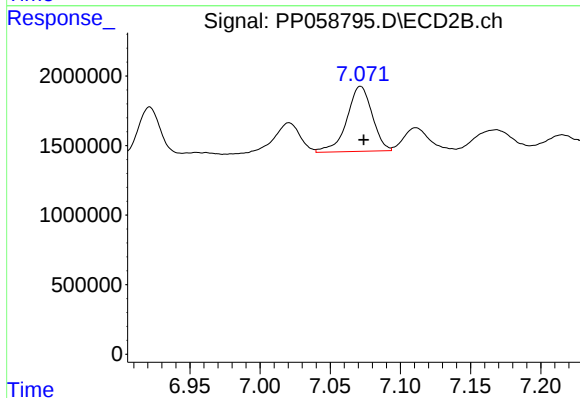
R.T.: 6.865 min
Delta R.T.: -0.002 min
Response: 1524297
Conc: 25.78 ng/ml



#37 AR-1262-2

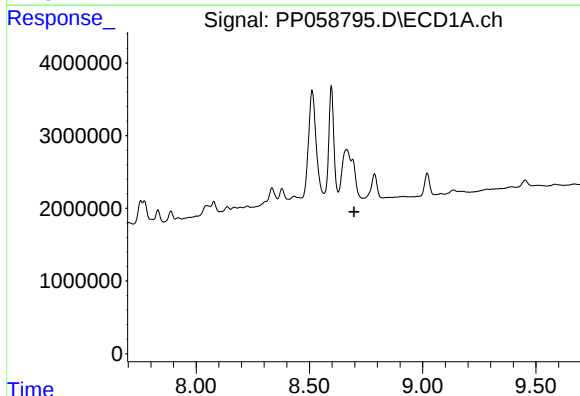
R.T.: 8.379 min
Delta R.T.: 0.000 min
Response: 2648126
Conc: 24.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



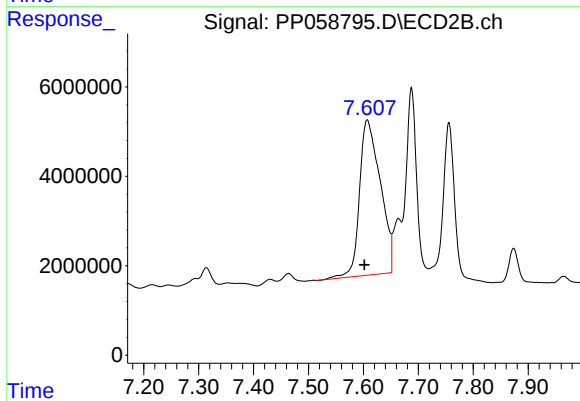
#37 AR-1262-2

R.T.: 7.072 min
Delta R.T.: -0.002 min
Response: 5881822
Conc: 47.15 ng/ml



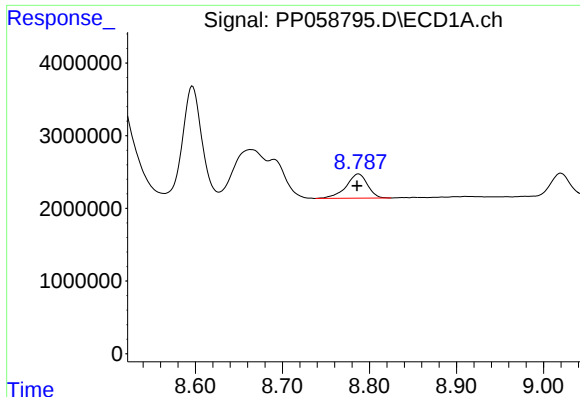
#38 AR-1262-3

R.T.: 8.690 min
Delta R.T.: -0.006 min
Response: -469559
Conc: N.D.



#38 AR-1262-3

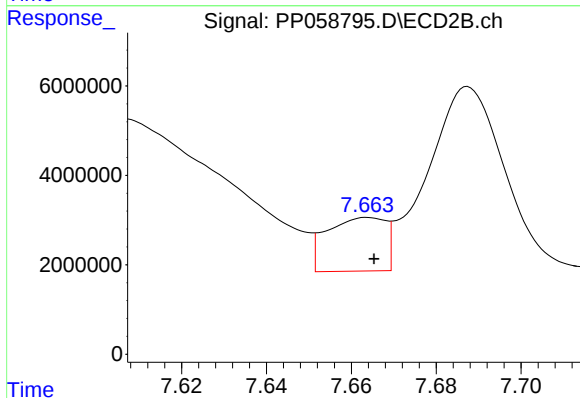
R.T.: 7.607 min
Delta R.T.: 0.005 min
Response: 91149440
Conc: 962.25 ng/ml



#39 AR-1262-4

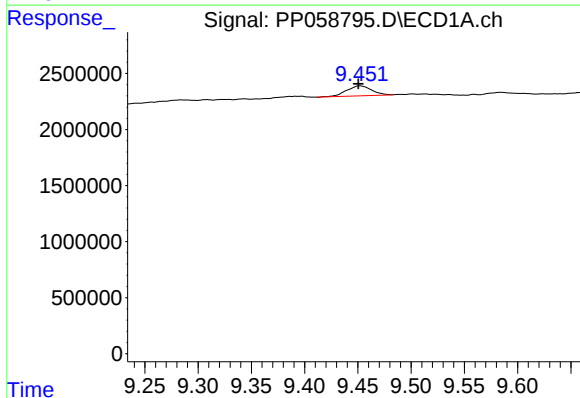
R.T.: 8.787 min
Delta R.T.: 0.002 min
Response: 5728700
Conc: 98.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



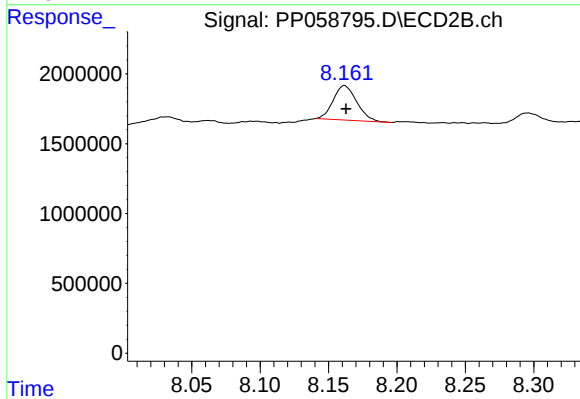
#39 AR-1262-4

R.T.: 7.664 min
Delta R.T.: -0.001 min
Response: 11502562
Conc: 69.18 ng/ml



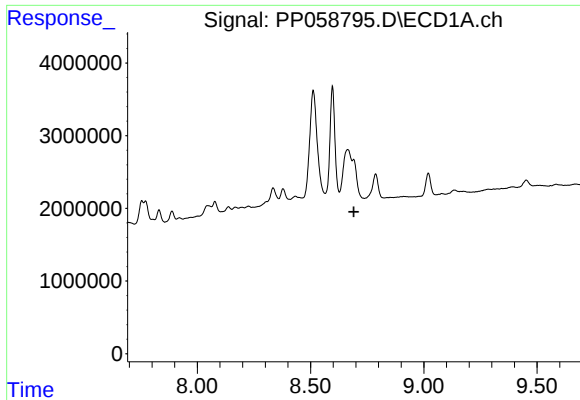
#40 AR-1262-5

R.T.: 9.452 min
Delta R.T.: 0.001 min
Response: 1466145
Conc: 40.31 ng/ml



#40 AR-1262-5

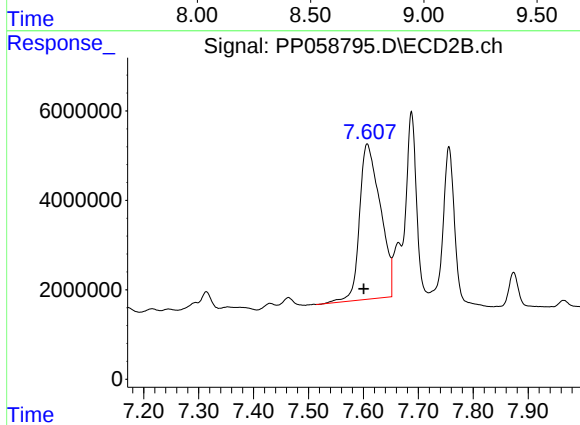
R.T.: 8.162 min
Delta R.T.: -0.001 min
Response: 2958099
Conc: 42.02 ng/ml



#41 AR-1268-1

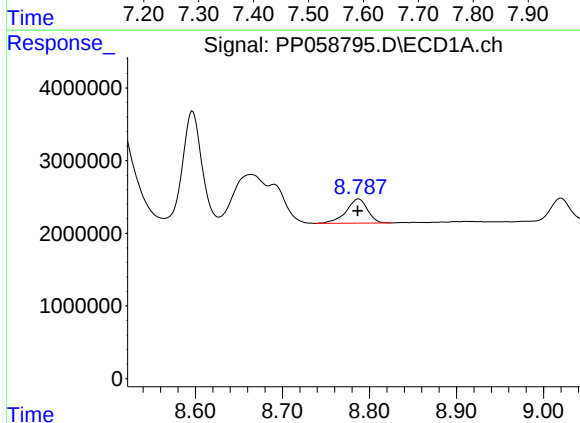
R.T.: 8.690 min
Delta R.T.: -0.001 min
Response: -469559
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



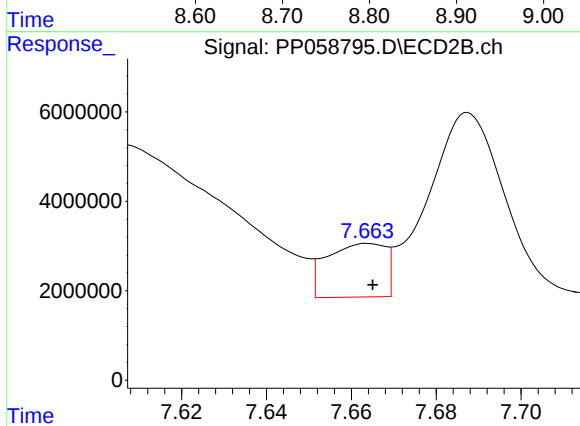
#41 AR-1268-1

R.T.: 7.607 min
Delta R.T.: 0.006 min
Response: 91149440
Conc: 327.01 ng/ml



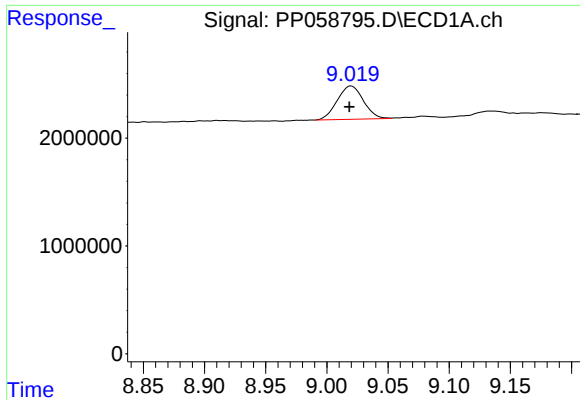
#42 AR-1268-2

R.T.: 8.787 min
Delta R.T.: 0.000 min
Response: 5728700
Conc: 48.75 ng/ml



#42 AR-1268-2

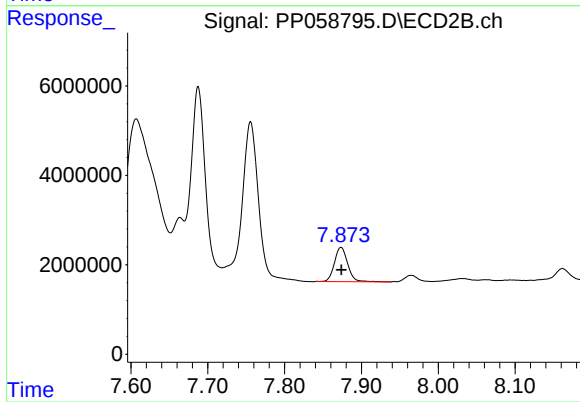
R.T.: 7.664 min
Delta R.T.: -0.001 min
Response: 11502562
Conc: 46.57 ng/ml



#43 AR-1268-3

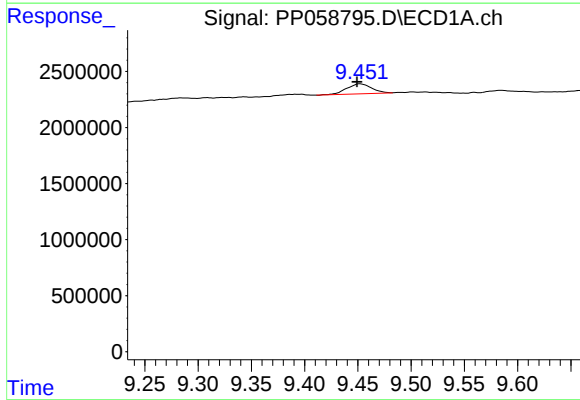
R.T.: 9.020 min
Delta R.T.: 0.001 min
Response: 4582439
Conc: 44.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



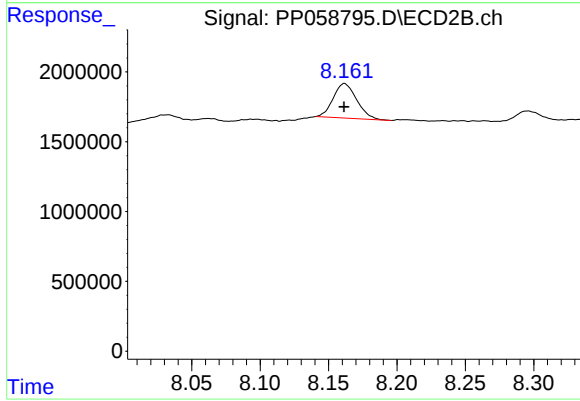
#43 AR-1268-3

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 9073308
Conc: 40.89 ng/ml



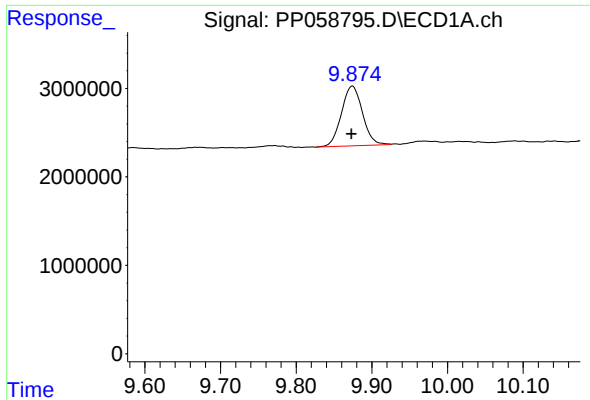
#44 AR-1268-4

R.T.: 9.452 min
Delta R.T.: 0.003 min
Response: 1466145
Conc: 38.07 ng/ml



#44 AR-1268-4

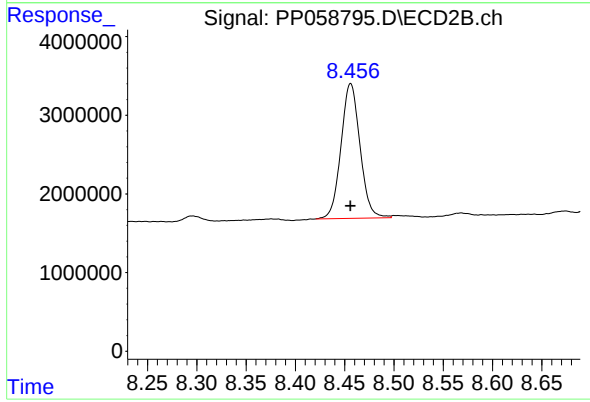
R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 2958099
Conc: 37.87 ng/ml



#45 AR-1268-5

R.T.: 9.874 min
Delta R.T.: 0.002 min
Response: 13088417
Conc: 39.72 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: 0.000 min
Response: 22995015
Conc: 36.13 ng/ml