

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
 Data File : PP054409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 22:06
 Operator : YP\AJ
 Sample : 01089-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 02:37:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.335	3.586	44347710	32920979	21.899	20.410
2)	SA Decachlor...	10.095	8.605	26243704	28097771	18.273	19.918
Target Compounds							
3)	L1 AR-1016-1	5.495f	4.679	4786665	1223207	64.775	23.509 #
4)	L1 AR-1016-2	5.531	4.704	3055809	2265777	28.634	31.635
5)	L1 AR-1016-3	5.607	4.873	2523074	2556391	36.880	65.168 #
6)	L1 AR-1016-4	5.687	0.000	1308975	0	25.141	N.D. #
7)	L1 AR-1016-5	5.968f	5.126	564261	605765	12.463	13.778
8)	L2 AR-1221-1	4.542	3.812	1973251	1239714	82.068	64.878
9)	L2 AR-1221-2	4.644	3.884	5092782	5113231	287.452	346.782
10)	L2 AR-1221-3	0.000	3.964	0	3907359	N.D.	87.973 #
11)	L3 AR-1232-1	0.000	3.964	0	3907359	N.D.	104.985 #
12)	L3 AR-1232-2	5.265f	4.704	6428992	2265777	246.376	42.276 #
13)	L3 AR-1232-3	5.531	4.873	3055809	2556391	66.432	153.975 #
14)	L3 AR-1232-4	5.687	4.949	1308975	8291073	58.456	494.244 #
15)	L3 AR-1232-5	5.780	5.126	4351421	605765	244.516	33.551 #
16)	L4 AR-1242-1	5.495f	4.679	4786665	1223207	80.614	28.974 #
17)	L4 AR-1242-2	5.531	4.704	3055809	2265777	35.743	38.919
18)	L4 AR-1242-3	5.607	4.873	2523074	2556391	46.178	79.935 #
19)	L4 AR-1242-4	5.687	4.949	1308975	8291073	31.232	237.673 #
20)	L4 AR-1242-5	6.438	5.476	998611	4995897	30.423	132.784 #
21)	L5 AR-1248-1	5.495f	4.679	4786665	1223207	106.615	37.604 #
22)	L5 AR-1248-2	5.780	0.000	4351421	0	68.486	N.D. #
23)	L5 AR-1248-3	5.968f	4.949	564261	8291073	9.519	160.663 #
24)	L5 AR-1248-4	6.367f	5.126	4509995	605765	77.855	10.264 #
25)	L5 AR-1248-5	6.438	5.515	998611	1550327	17.998	31.260 #
26)	L6 AR-1254-1	6.367	5.476	4509995	4995897	72.584	58.257
27)	L6 AR-1254-2	6.585	5.623	4544216	4215121	48.422	56.738
28)	L6 AR-1254-3	6.951	6.028	2819231	4957480	29.699	42.710 #
29)	L6 AR-1254-4	7.238	6.257	1765658	1906028	26.029	30.278
30)	L6 AR-1254-5	7.659	6.676	6751276	4421825	88.811	46.245 #
31)	L7 AR-1260-1	7.117	6.158	1966050	2657346	25.221	31.369
32)	L7 AR-1260-2	7.369	6.348	4666937	3507720	52.105	36.676 #
33)	L7 AR-1260-3	7.736	6.500	3058191	2158054	44.752	23.610 #
34)	L7 AR-1260-4	7.958	6.974	1952019	1254137	24.501	16.544 #
35)	L7 AR-1260-5	8.279	7.218	1709014	2802514	11.916	17.692 #
36)	L8 AR-1262-1	7.736	6.769	3058191	732856	36.353	17.950 #
37)	L8 AR-1262-2	8.279	6.974	1709014	1254137	12.076	14.485
38)	L8 AR-1262-3	8.597	7.502	673139	273645	6.501	4.099 #
39)	L8 AR-1262-4	8.686	7.566	569991	1552268	11.259	13.265
40)	L8 AR-1262-5	9.335	8.063	1012195	377168	18.018	6.847 #
41)	L9 AR-1268-1	8.597	7.502	673139	273645	3.453	1.348 #

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 Operator : YP\AJ
 Sample : 01089-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

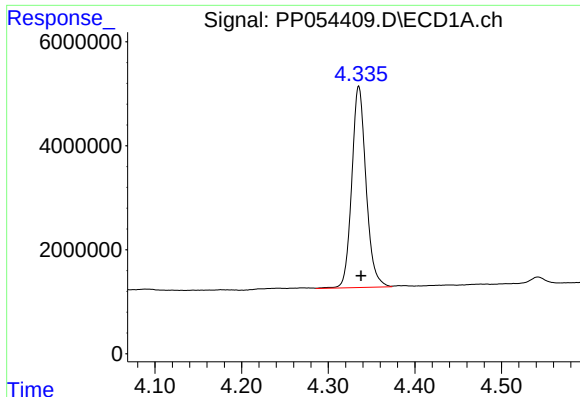
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 02:37:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.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	8.686	7.566	569991	1552268	3.230	8.426 #
43) L9	AR-1268-3	8.913	7.776	67001	196508	0.432	1.150 #
44) L9	AR-1268-4	9.335	8.063	1012195	377168	14.793	5.970 #
45) L9	AR-1268-5	9.759	8.353	625172	401974	1.226	0.821 #

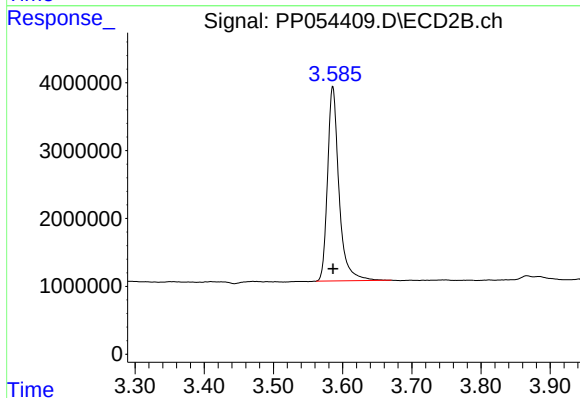
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

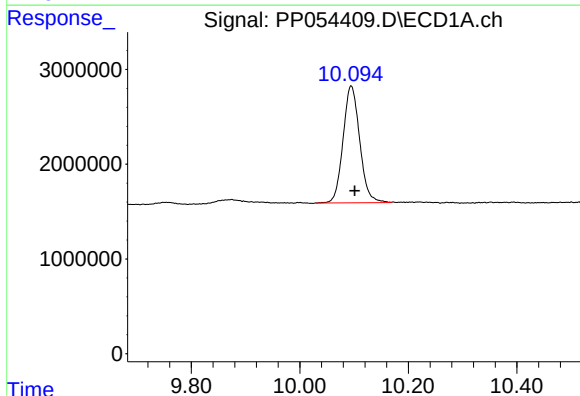
R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 44347710
Conc: 21.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



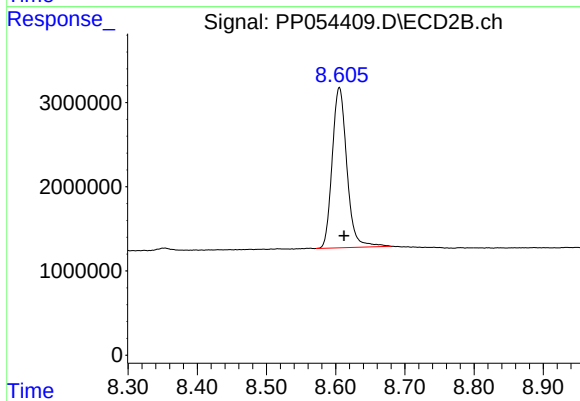
#1 Tetrachloro-m-xylene

R.T.: 3.586 min
Delta R.T.: 0.000 min
Response: 32920979
Conc: 20.41 ng/ml



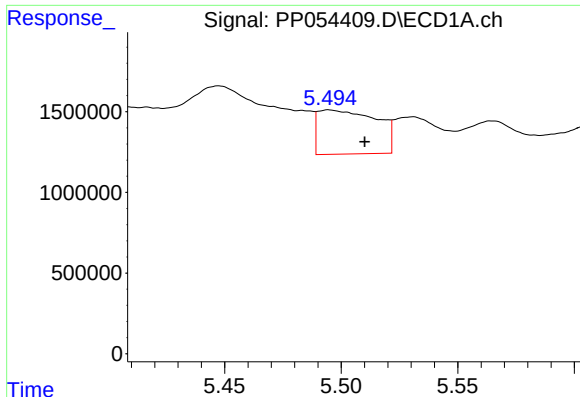
#2 Decachlorobiphenyl

R.T.: 10.095 min
Delta R.T.: -0.007 min
Response: 26243704
Conc: 18.27 ng/ml



#2 Decachlorobiphenyl

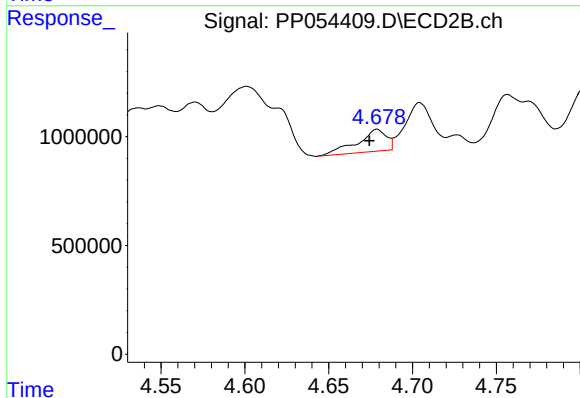
R.T.: 8.605 min
Delta R.T.: -0.007 min
Response: 28097771
Conc: 19.92 ng/ml



#3 AR-1016-1

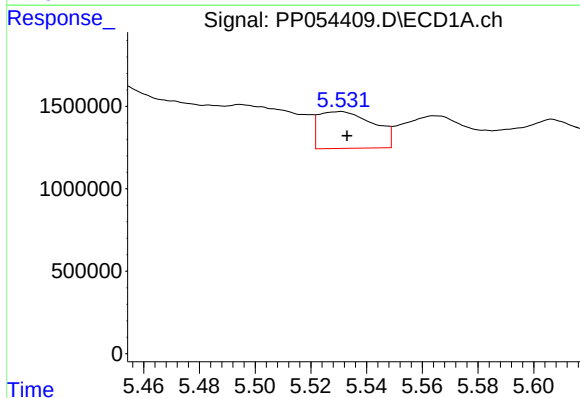
R.T.: 5.495 min
Delta R.T.: -0.015 min
Response: 4786665
Conc: 64.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



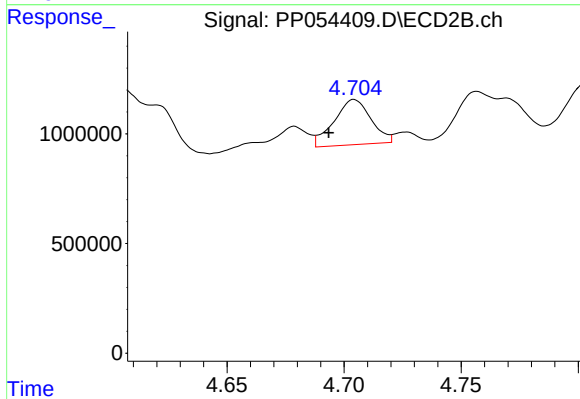
#3 AR-1016-1

R.T.: 4.679 min
Delta R.T.: 0.004 min
Response: 1223207
Conc: 23.51 ng/ml



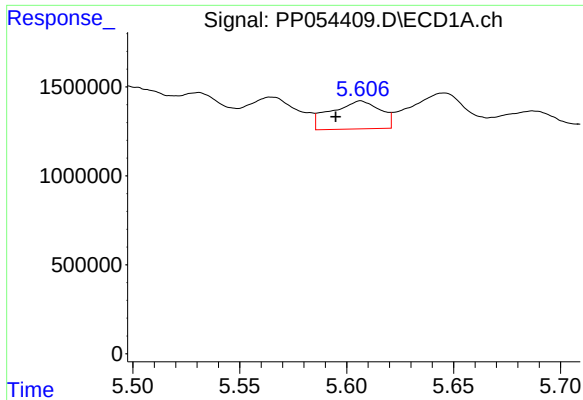
#4 AR-1016-2

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 3055809
Conc: 28.63 ng/ml



#4 AR-1016-2

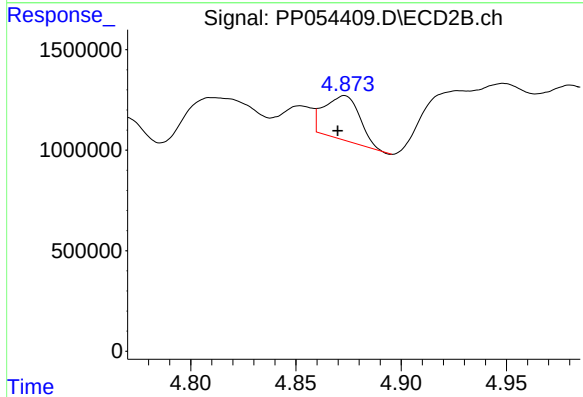
R.T.: 4.704 min
Delta R.T.: 0.011 min
Response: 2265777
Conc: 31.63 ng/ml



#5 AR-1016-3

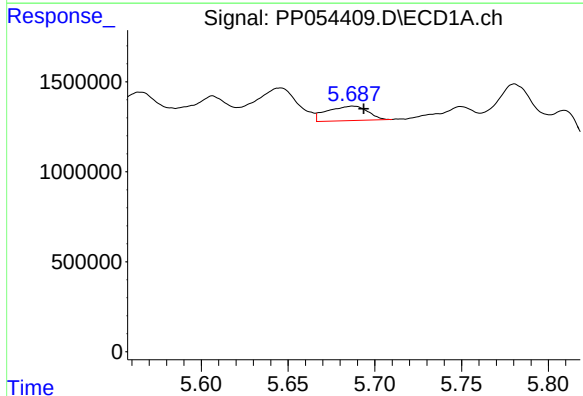
R.T.: 5.607 min
Delta R.T.: 0.012 min
Response: 2523074
Conc: 36.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



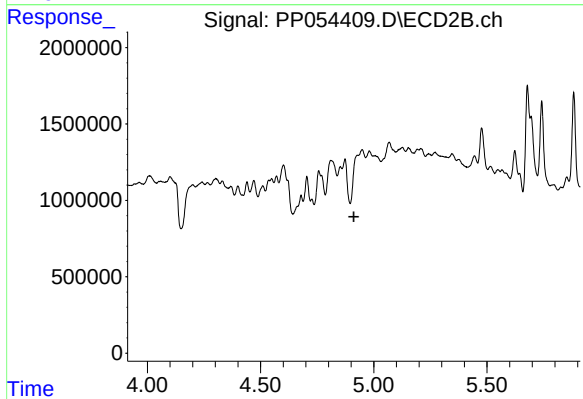
#5 AR-1016-3

R.T.: 4.873 min
Delta R.T.: 0.003 min
Response: 2556391
Conc: 65.17 ng/ml



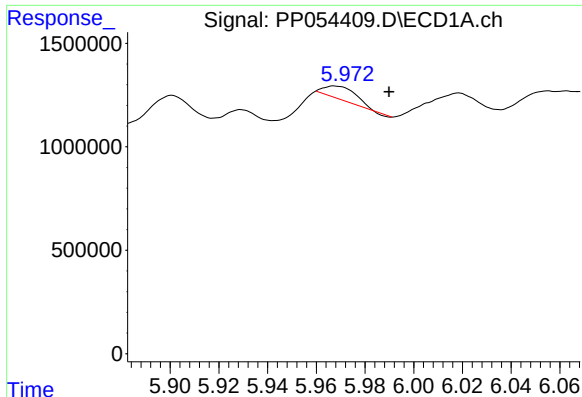
#6 AR-1016-4

R.T.: 5.687 min
Delta R.T.: -0.006 min
Response: 1308975
Conc: 25.14 ng/ml



#6 AR-1016-4

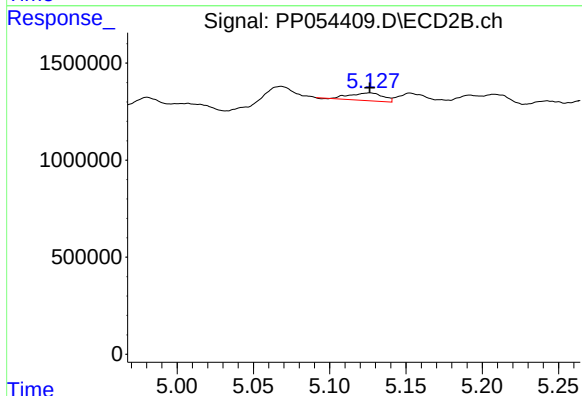
R.T.: 0.000 min
Exp R.T.: 4.912 min
Response: 0
Conc: N.D.



#7 AR-1016-5

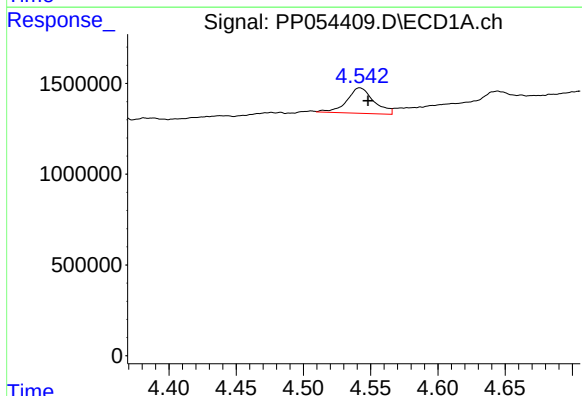
R.T.: 5.968 min
Delta R.T.: -0.022 min
Response: 564261
Conc: 12.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



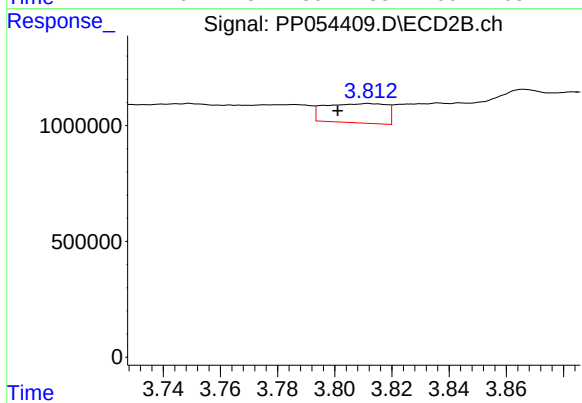
#7 AR-1016-5

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 605765
Conc: 13.78 ng/ml



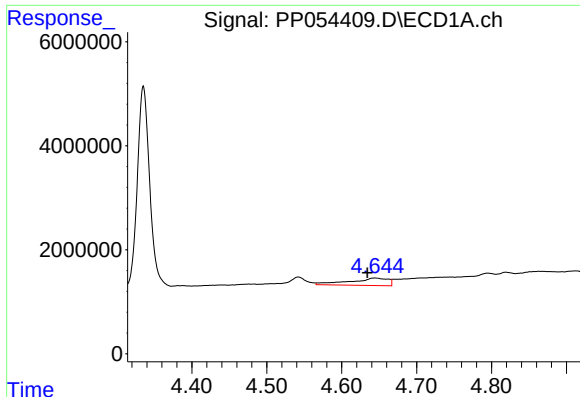
#8 AR-1221-1

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 1973251
Conc: 82.07 ng/ml



#8 AR-1221-1

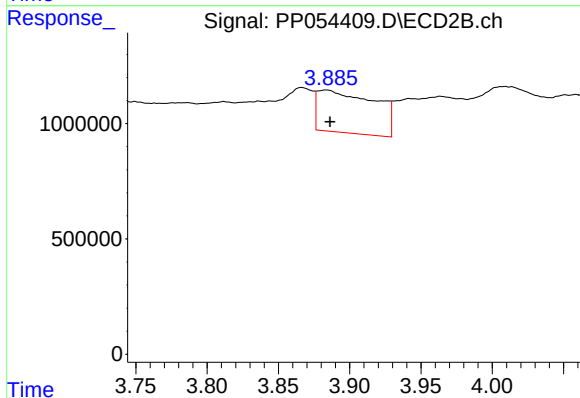
R.T.: 3.812 min
Delta R.T.: 0.011 min
Response: 1239714
Conc: 64.88 ng/ml



#9 AR-1221-2

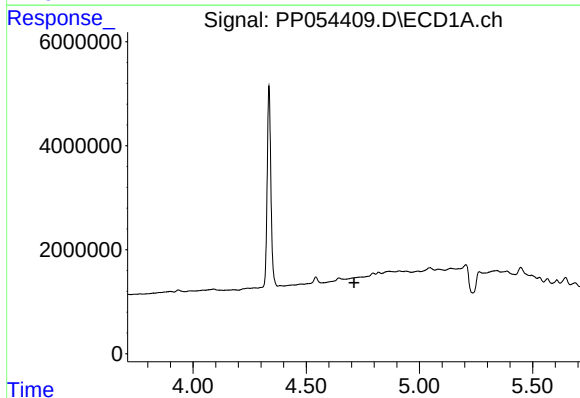
R.T.: 4.644 min
Delta R.T.: 0.010 min
Response: 5092782
Conc: 287.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



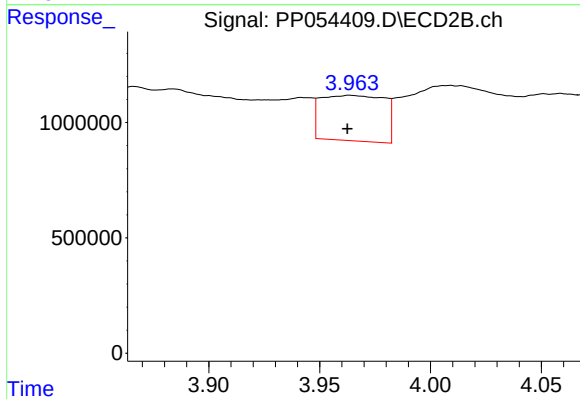
#9 AR-1221-2

R.T.: 3.884 min
Delta R.T.: -0.003 min
Response: 5113231
Conc: 346.78 ng/ml



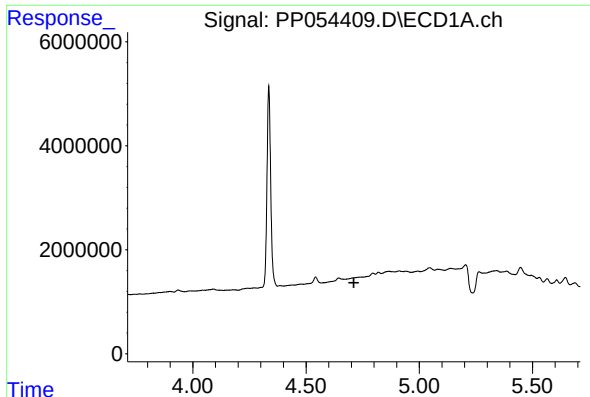
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.711 min
Response: 0
Conc: N.D.



#10 AR-1221-3

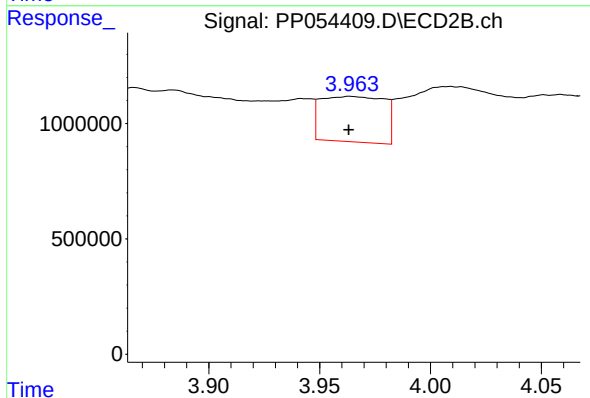
R.T.: 3.964 min
Delta R.T.: 0.001 min
Response: 3907359
Conc: 87.97 ng/ml



#11 AR-1232-1

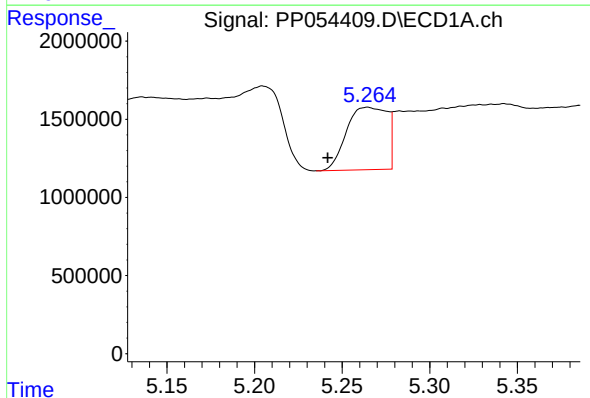
R.T.: 0.000 min
Exp R.T.: 4.711 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



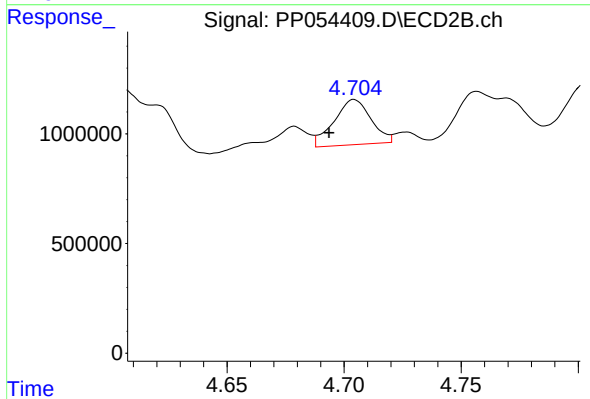
#11 AR-1232-1

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 3907359
Conc: 104.98 ng/ml



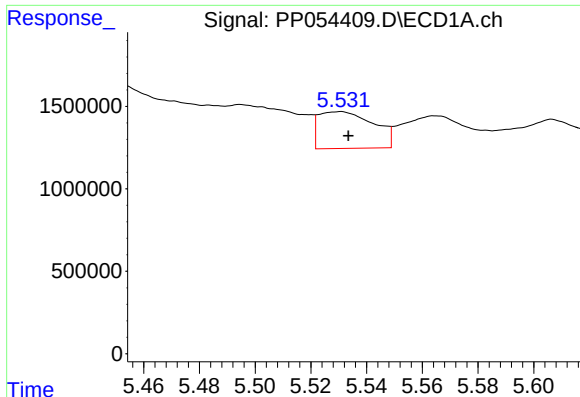
#12 AR-1232-2

R.T.: 5.265 min
Delta R.T.: 0.023 min
Response: 6428992
Conc: 246.38 ng/ml



#12 AR-1232-2

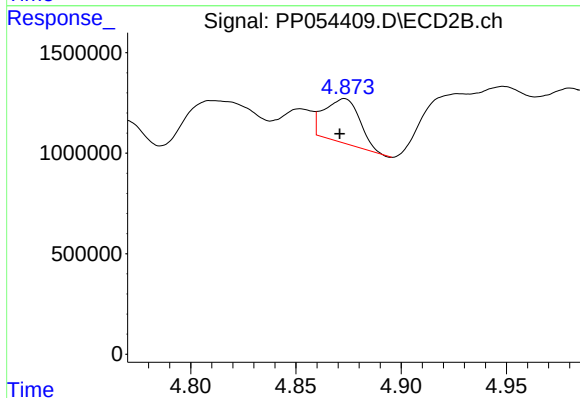
R.T.: 4.704 min
Delta R.T.: 0.011 min
Response: 2265777
Conc: 42.28 ng/ml



#13 AR-1232-3

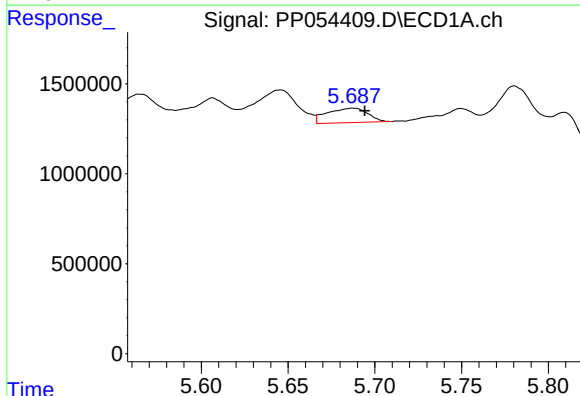
R.T.: 5.531 min
Delta R.T.: -0.003 min
Response: 3055809
Conc: 66.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



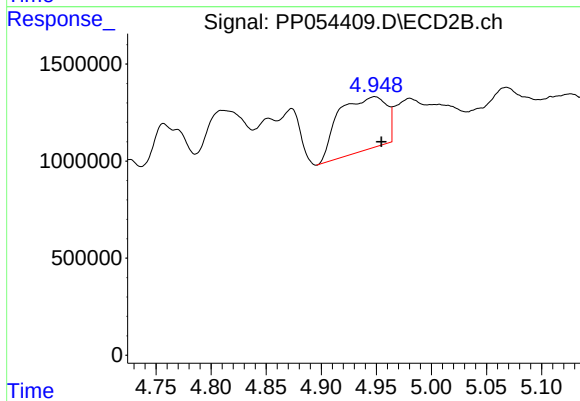
#13 AR-1232-3

R.T.: 4.873 min
Delta R.T.: 0.002 min
Response: 2556391
Conc: 153.98 ng/ml



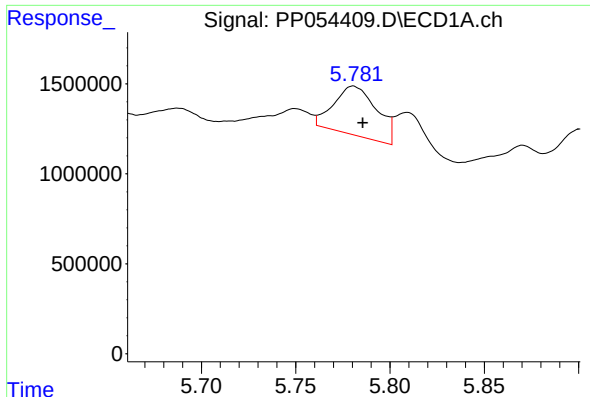
#14 AR-1232-4

R.T.: 5.687 min
Delta R.T.: -0.007 min
Response: 1308975
Conc: 58.46 ng/ml



#14 AR-1232-4

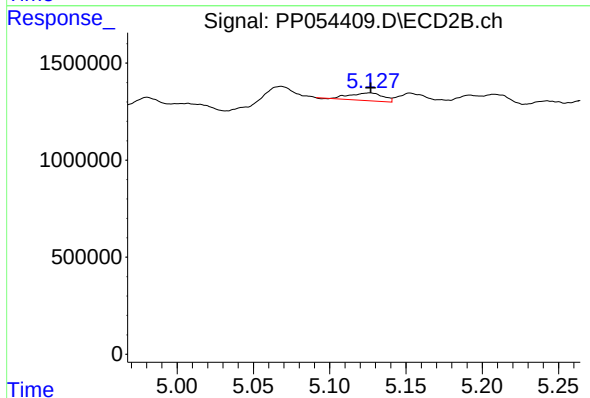
R.T.: 4.949 min
Delta R.T.: -0.006 min
Response: 8291073
Conc: 494.24 ng/ml



#15 AR-1232-5

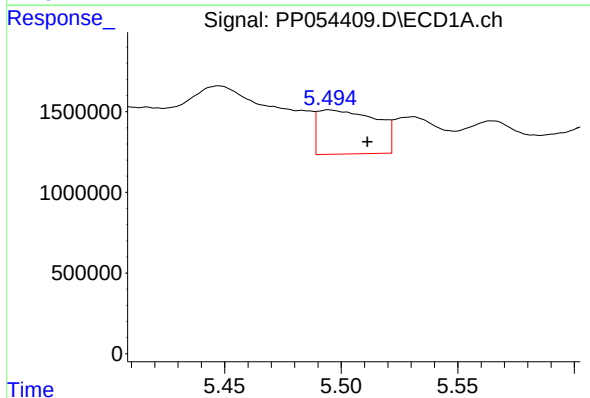
R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 4351421
Conc: 244.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



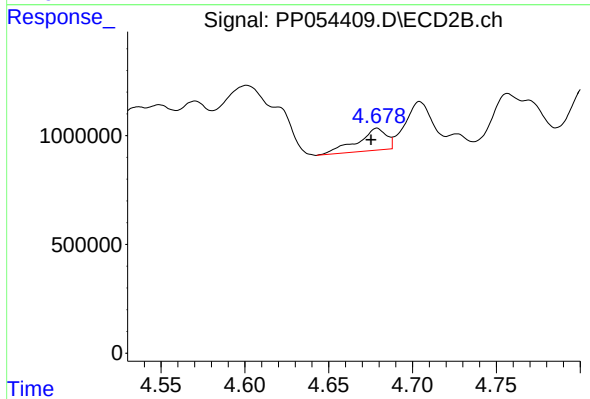
#15 AR-1232-5

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 605765
Conc: 33.55 ng/ml



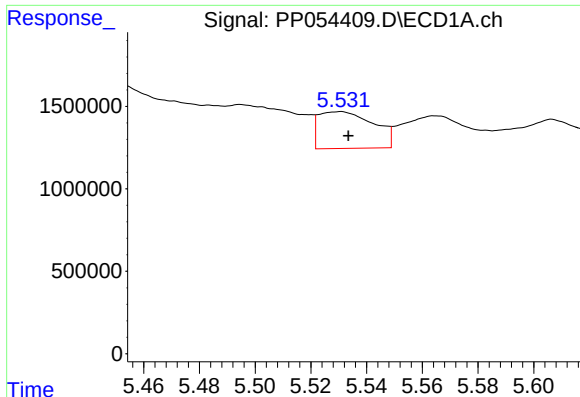
#16 AR-1242-1

R.T.: 5.495 min
Delta R.T.: -0.016 min
Response: 4786665
Conc: 80.61 ng/ml



#16 AR-1242-1

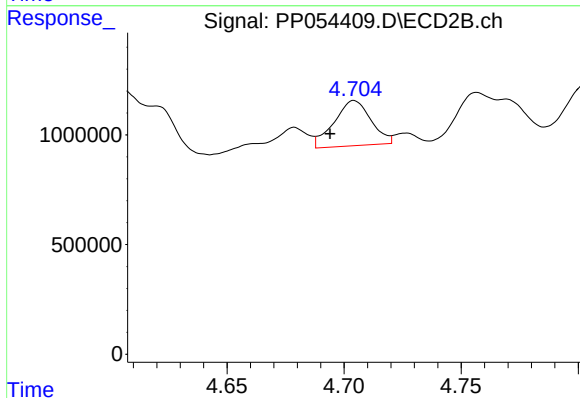
R.T.: 4.679 min
Delta R.T.: 0.003 min
Response: 1223207
Conc: 28.97 ng/ml



#17 AR-1242-2

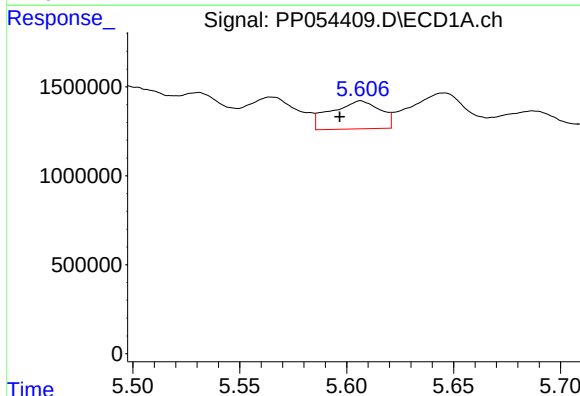
R.T.: 5.531 min
Delta R.T.: -0.003 min
Response: 3055809
Conc: 35.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



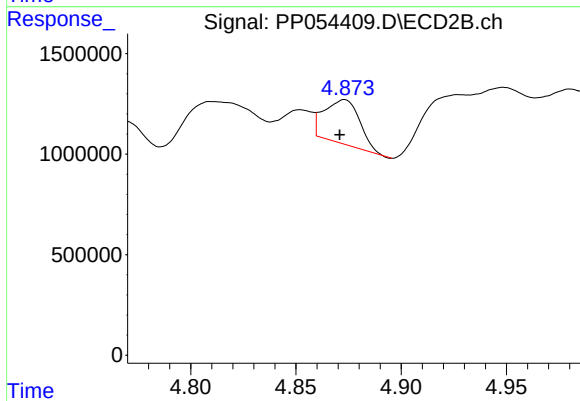
#17 AR-1242-2

R.T.: 4.704 min
Delta R.T.: 0.010 min
Response: 2265777
Conc: 38.92 ng/ml



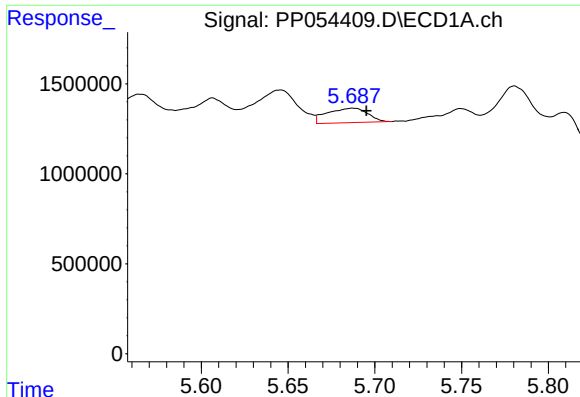
#18 AR-1242-3

R.T.: 5.607 min
Delta R.T.: 0.010 min
Response: 2523074
Conc: 46.18 ng/ml



#18 AR-1242-3

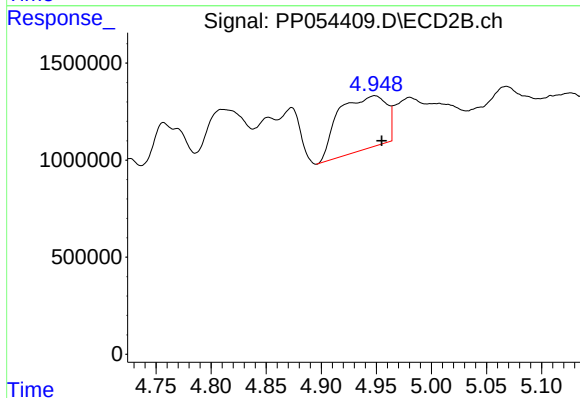
R.T.: 4.873 min
Delta R.T.: 0.002 min
Response: 2556391
Conc: 79.93 ng/ml



#19 AR-1242-4

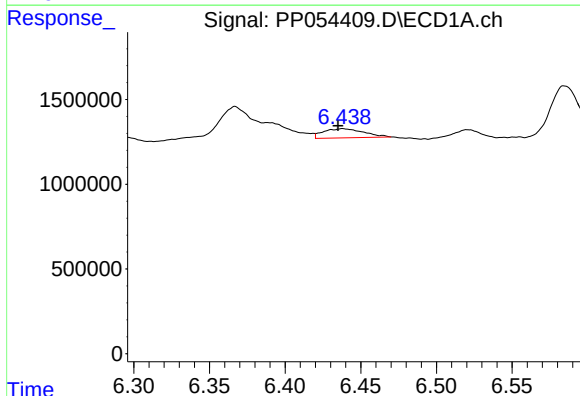
R.T.: 5.687 min
Delta R.T.: -0.008 min
Response: 1308975
Conc: 31.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



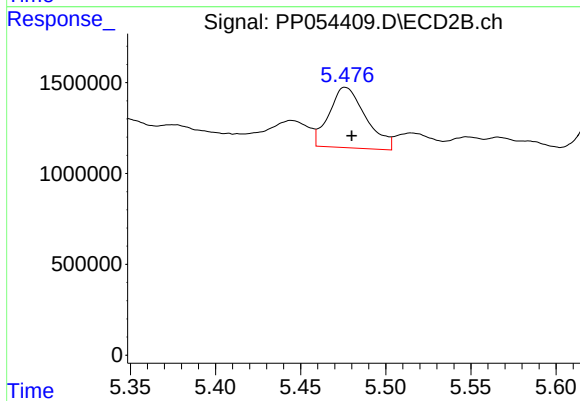
#19 AR-1242-4

R.T.: 4.949 min
Delta R.T.: -0.006 min
Response: 8291073
Conc: 237.67 ng/ml



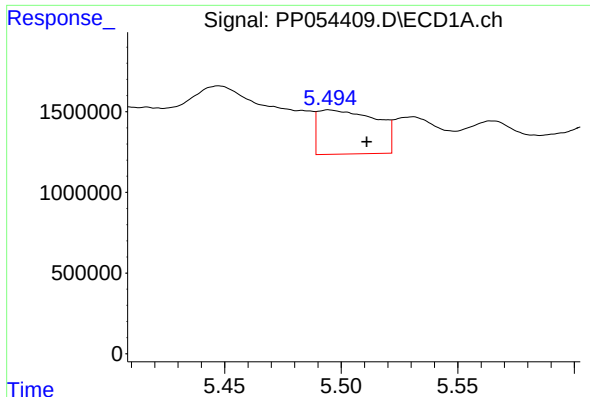
#20 AR-1242-5

R.T.: 6.438 min
Delta R.T.: 0.003 min
Response: 998611
Conc: 30.42 ng/ml



#20 AR-1242-5

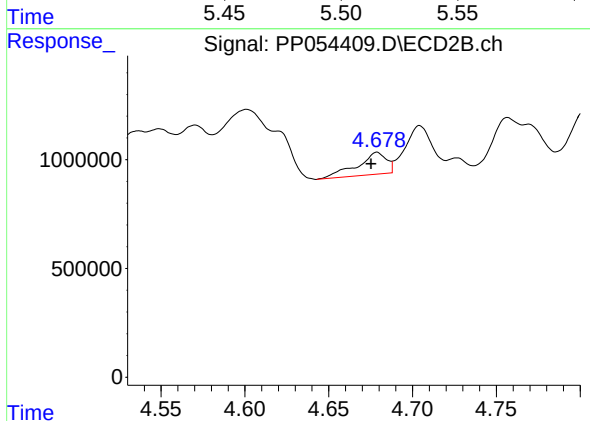
R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 4995897
Conc: 132.78 ng/ml



#21 AR-1248-1

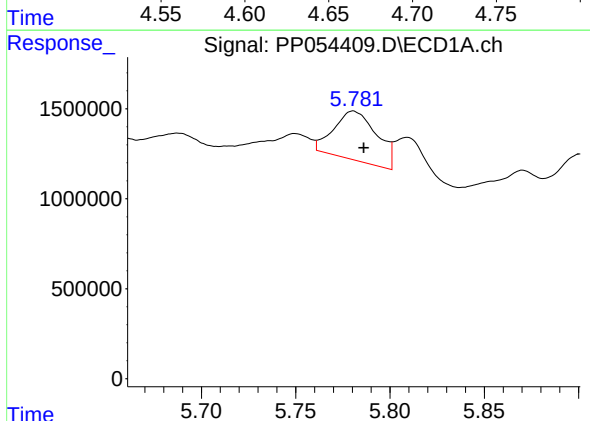
R.T.: 5.495 min
Delta R.T.: -0.016 min
Response: 4786665
Conc: 106.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



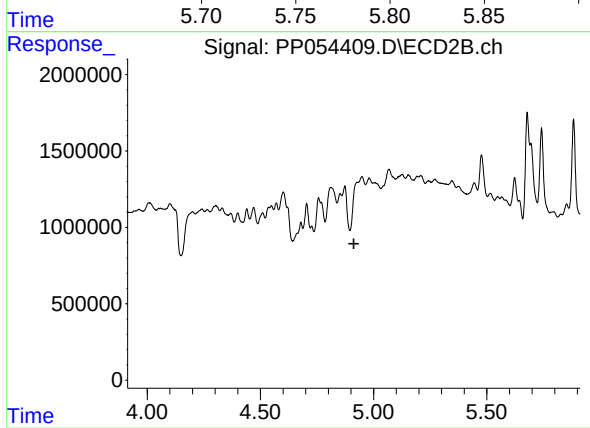
#21 AR-1248-1

R.T.: 4.679 min
Delta R.T.: 0.004 min
Response: 1223207
Conc: 37.60 ng/ml



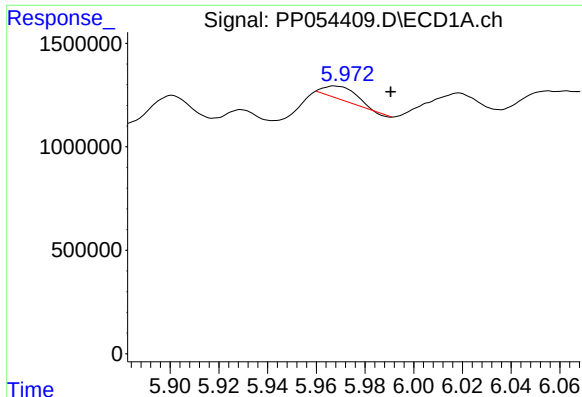
#22 AR-1248-2

R.T.: 5.780 min
Delta R.T.: -0.006 min
Response: 4351421
Conc: 68.49 ng/ml



#22 AR-1248-2

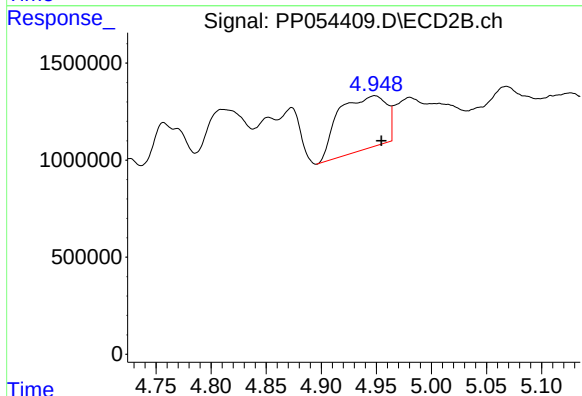
R.T.: 0.000 min
Exp R.T.: 4.913 min
Response: 0
Conc: N.D.



#23 AR-1248-3

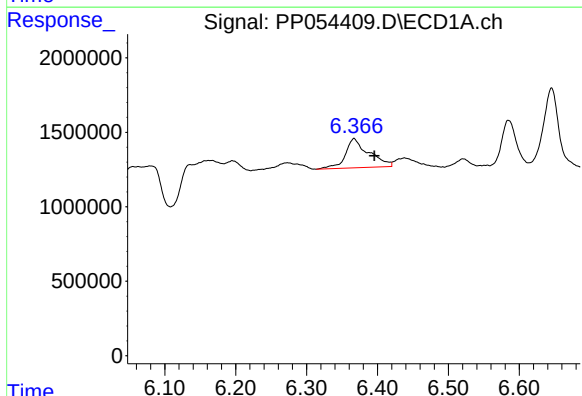
R.T.: 5.968 min
Delta R.T.: -0.023 min
Response: 564261
Conc: 9.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



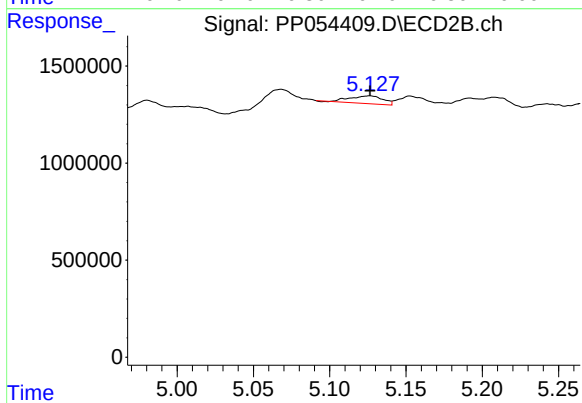
#23 AR-1248-3

R.T.: 4.949 min
Delta R.T.: -0.006 min
Response: 8291073
Conc: 160.66 ng/ml



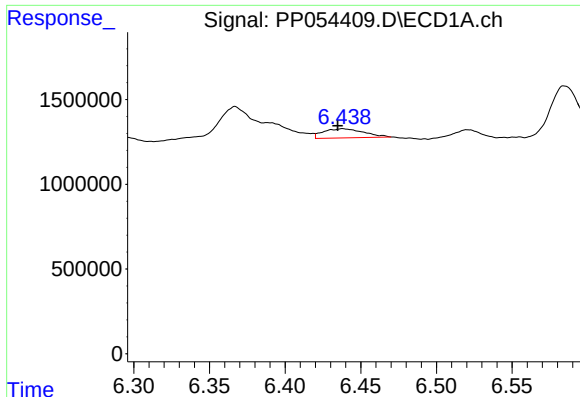
#24 AR-1248-4

R.T.: 6.367 min
Delta R.T.: -0.029 min
Response: 4509995
Conc: 77.86 ng/ml



#24 AR-1248-4

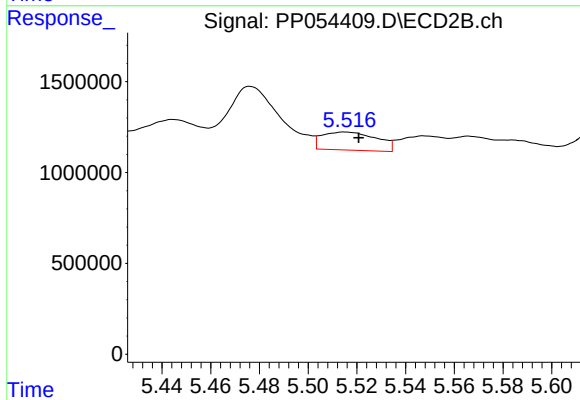
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 605765
Conc: 10.26 ng/ml



#25 AR-1248-5

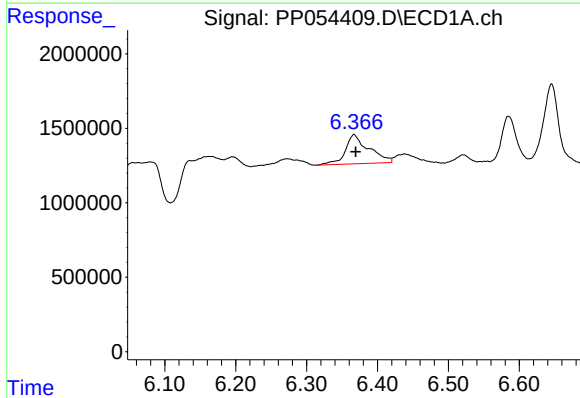
R.T.: 6.438 min
Delta R.T.: 0.003 min
Response: 998611
Conc: 18.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



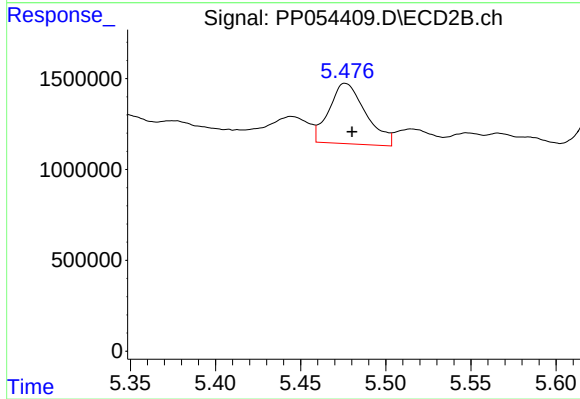
#25 AR-1248-5

R.T.: 5.515 min
Delta R.T.: -0.006 min
Response: 1550327
Conc: 31.26 ng/ml



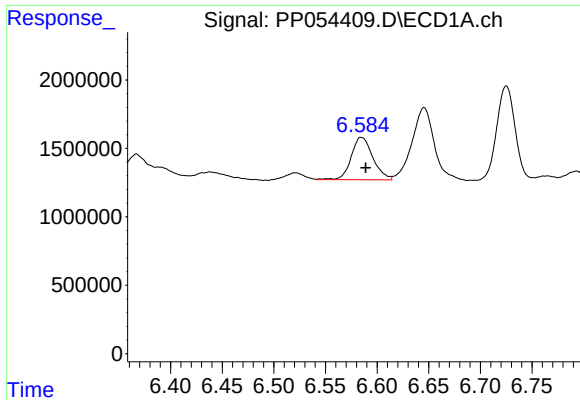
#26 AR-1254-1

R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 4509995
Conc: 72.58 ng/ml



#26 AR-1254-1

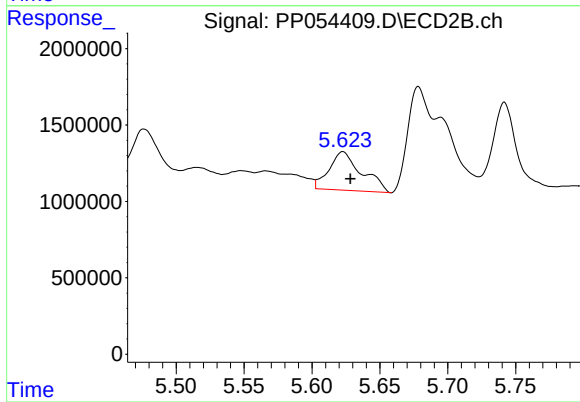
R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 4995897
Conc: 58.26 ng/ml



#27 AR-1254-2

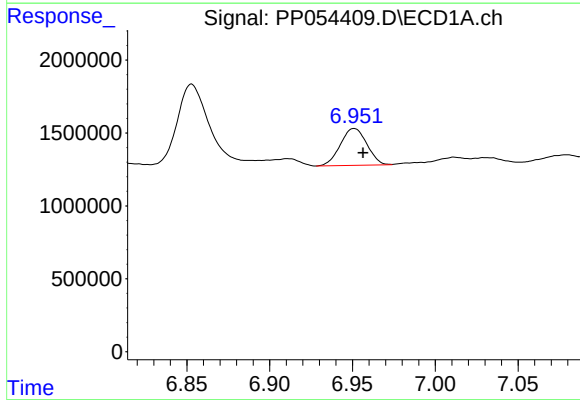
R.T.: 6.585 min
Delta R.T.: -0.004 min
Response: 4544216
Conc: 48.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



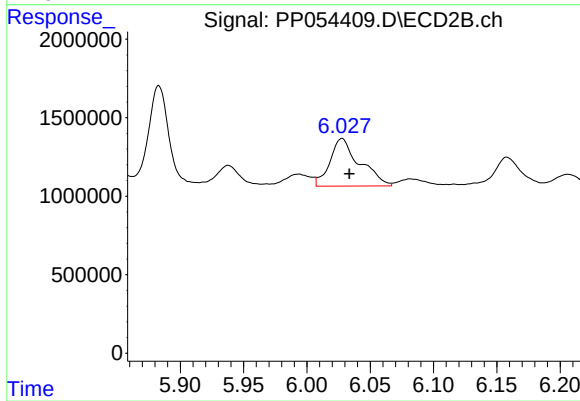
#27 AR-1254-2

R.T.: 5.623 min
Delta R.T.: -0.005 min
Response: 4215121
Conc: 56.74 ng/ml



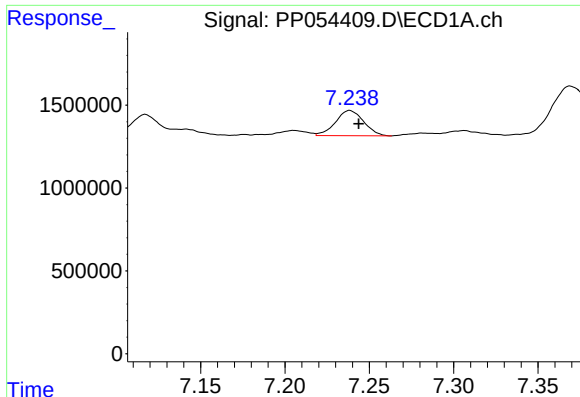
#28 AR-1254-3

R.T.: 6.951 min
Delta R.T.: -0.005 min
Response: 2819231
Conc: 29.70 ng/ml



#28 AR-1254-3

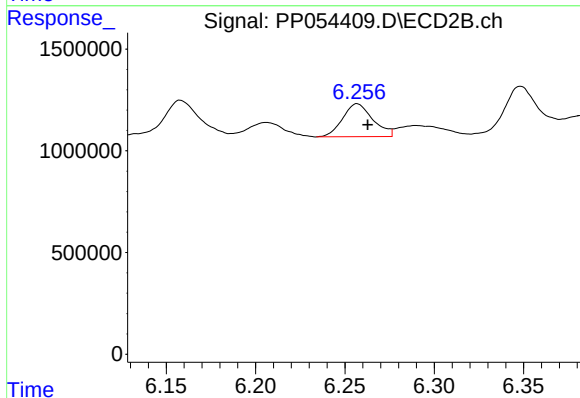
R.T.: 6.028 min
Delta R.T.: -0.006 min
Response: 4957480
Conc: 42.71 ng/ml



#29 AR-1254-4

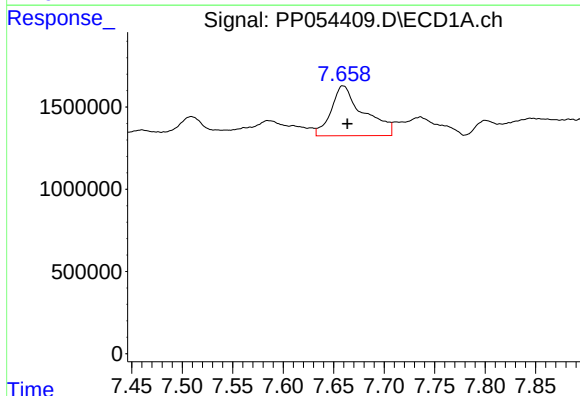
R.T.: 7.238 min
Delta R.T.: -0.005 min
Response: 1765658
Conc: 26.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



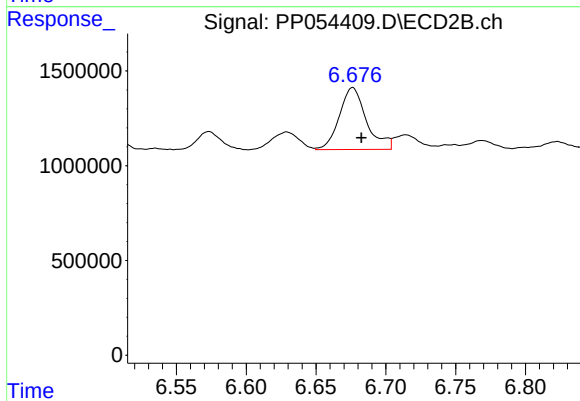
#29 AR-1254-4

R.T.: 6.257 min
Delta R.T.: -0.006 min
Response: 1906028
Conc: 30.28 ng/ml



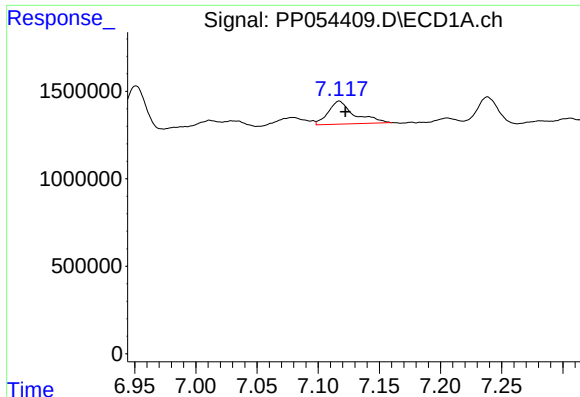
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.004 min
Response: 6751276
Conc: 88.81 ng/ml



#30 AR-1254-5

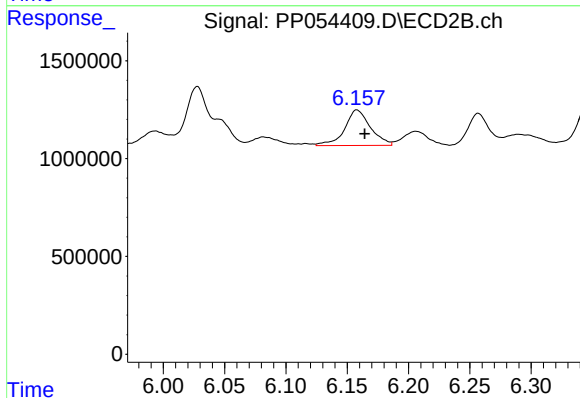
R.T.: 6.676 min
Delta R.T.: -0.006 min
Response: 4421825
Conc: 46.24 ng/ml



#31 AR-1260-1

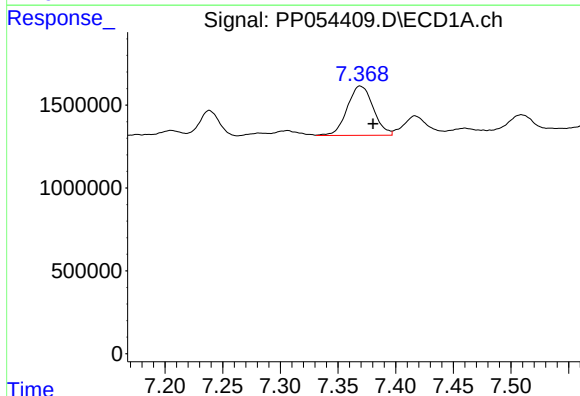
R.T.: 7.117 min
Delta R.T.: -0.005 min
Response: 1966050
Conc: 25.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



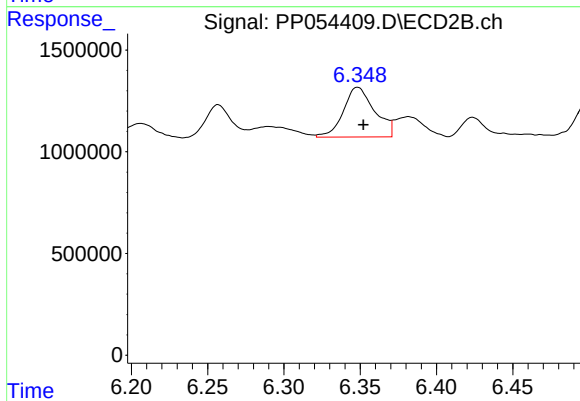
#31 AR-1260-1

R.T.: 6.158 min
Delta R.T.: -0.006 min
Response: 2657346
Conc: 31.37 ng/ml



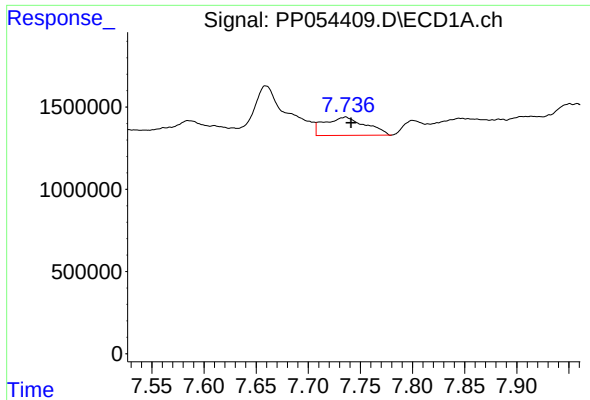
#32 AR-1260-2

R.T.: 7.369 min
Delta R.T.: -0.011 min
Response: 4666937
Conc: 52.10 ng/ml



#32 AR-1260-2

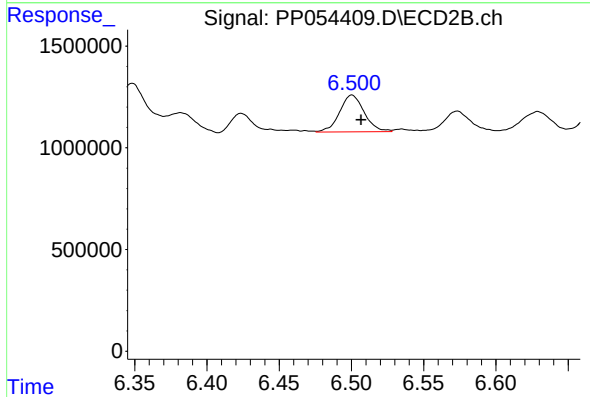
R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 3507720
Conc: 36.68 ng/ml



#33 AR-1260-3

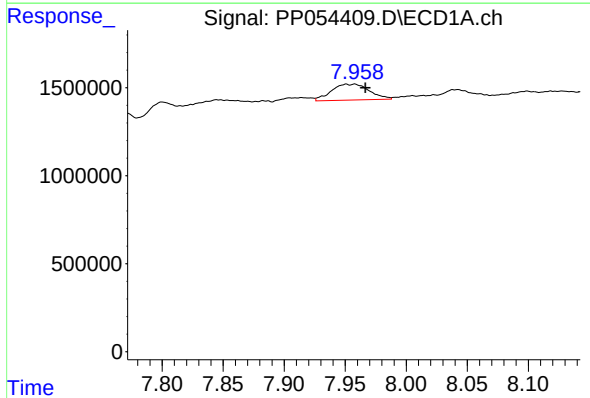
R.T.: 7.736 min
Delta R.T.: -0.005 min
Response: 3058191
Conc: 44.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



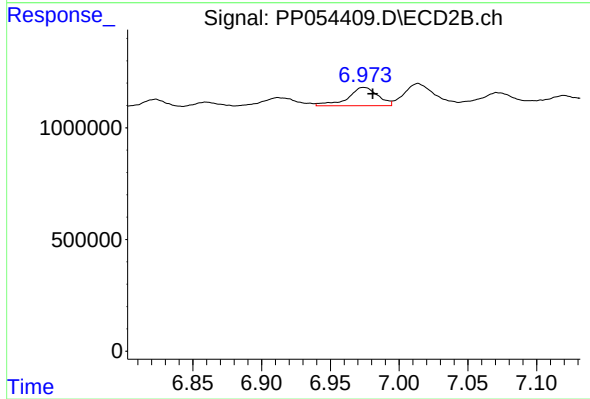
#33 AR-1260-3

R.T.: 6.500 min
Delta R.T.: -0.006 min
Response: 2158054
Conc: 23.61 ng/ml



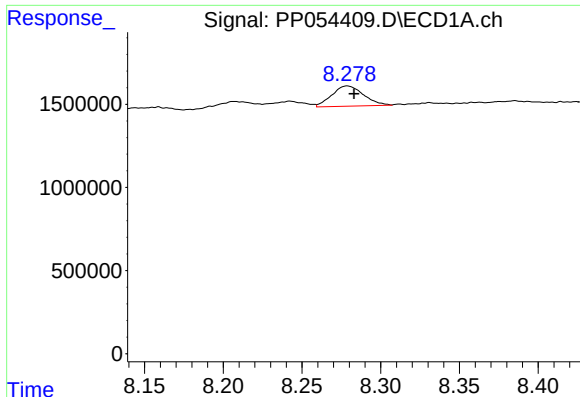
#34 AR-1260-4

R.T.: 7.958 min
Delta R.T.: -0.009 min
Response: 1952019
Conc: 24.50 ng/ml



#34 AR-1260-4

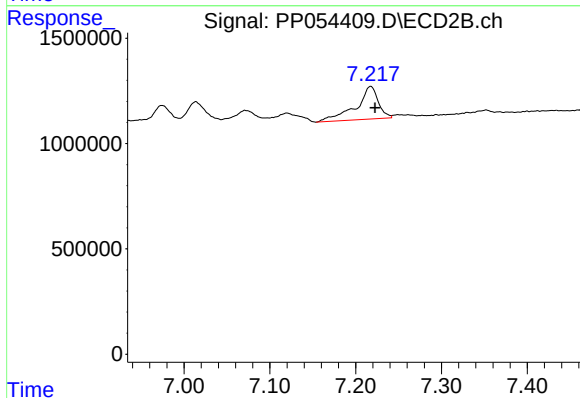
R.T.: 6.974 min
Delta R.T.: -0.007 min
Response: 1254137
Conc: 16.54 ng/ml



#35 AR-1260-5

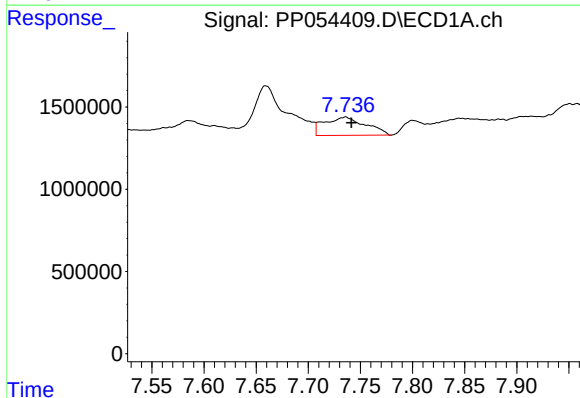
R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 1709014
Conc: 11.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



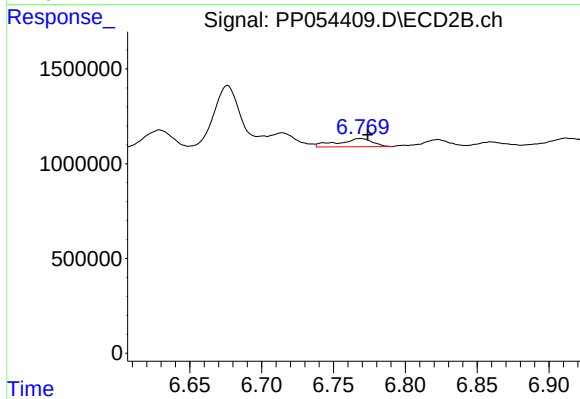
#35 AR-1260-5

R.T.: 7.218 min
Delta R.T.: -0.005 min
Response: 2802514
Conc: 17.69 ng/ml



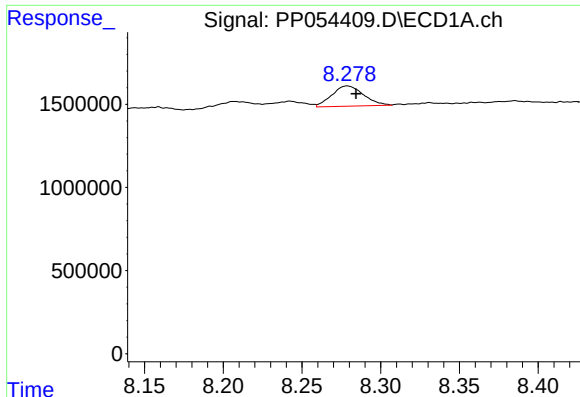
#36 AR-1262-1

R.T.: 7.736 min
Delta R.T.: -0.005 min
Response: 3058191
Conc: 36.35 ng/ml



#36 AR-1262-1

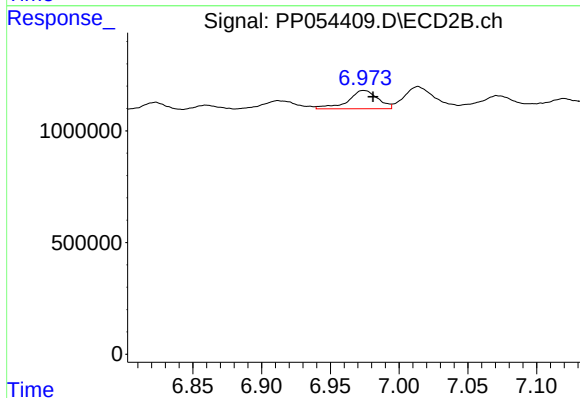
R.T.: 6.769 min
Delta R.T.: -0.005 min
Response: 732856
Conc: 17.95 ng/ml



#37 AR-1262-2

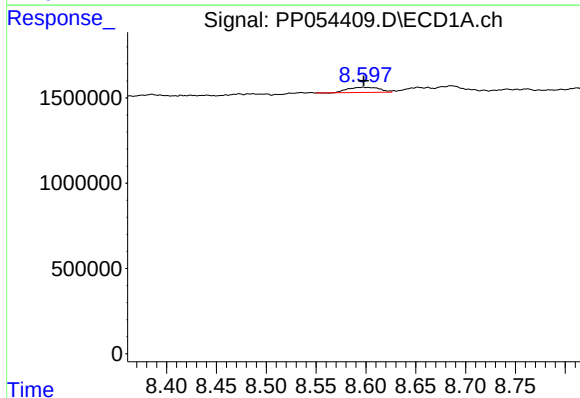
R.T.: 8.279 min
Delta R.T.: -0.005 min
Response: 1709014
Conc: 12.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



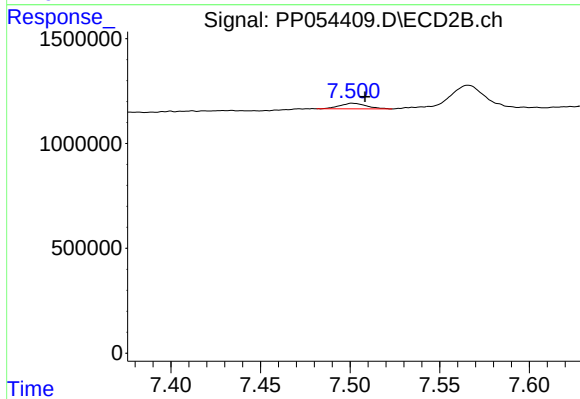
#37 AR-1262-2

R.T.: 6.974 min
Delta R.T.: -0.007 min
Response: 1254137
Conc: 14.49 ng/ml



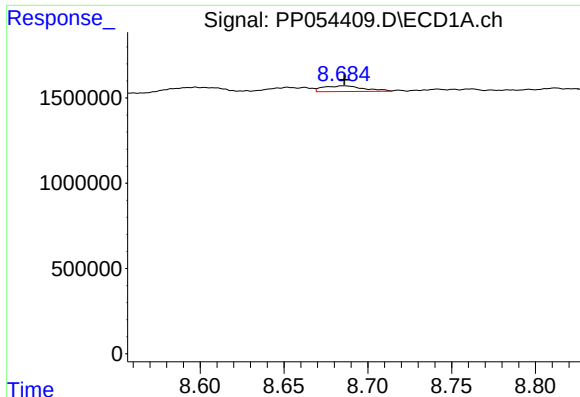
#38 AR-1262-3

R.T.: 8.597 min
Delta R.T.: 0.000 min
Response: 673139
Conc: 6.50 ng/ml



#38 AR-1262-3

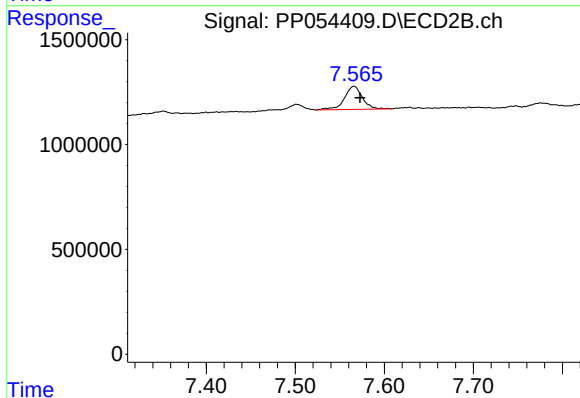
R.T.: 7.502 min
Delta R.T.: -0.007 min
Response: 273645
Conc: 4.10 ng/ml



#39 AR-1262-4

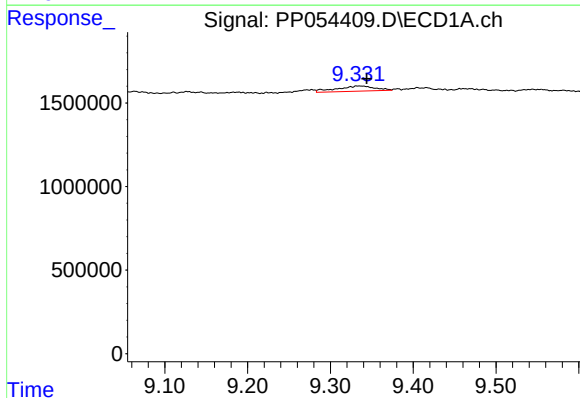
R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 569991
Conc: 11.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



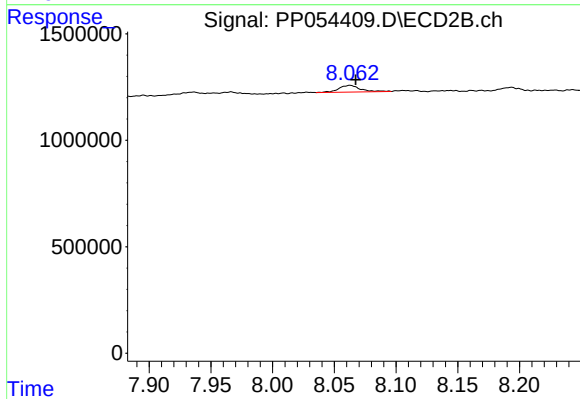
#39 AR-1262-4

R.T.: 7.566 min
Delta R.T.: -0.007 min
Response: 1552268
Conc: 13.26 ng/ml



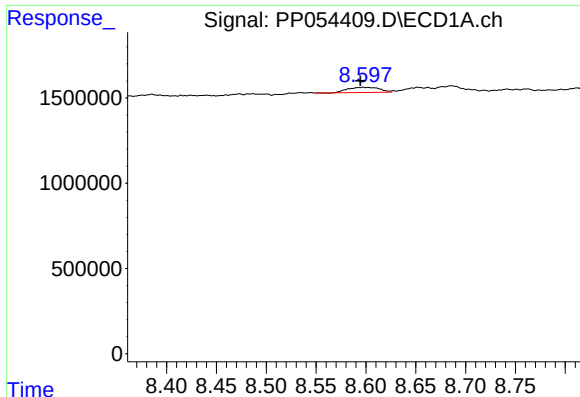
#40 AR-1262-5

R.T.: 9.335 min
Delta R.T.: -0.009 min
Response: 1012195
Conc: 18.02 ng/ml



#40 AR-1262-5

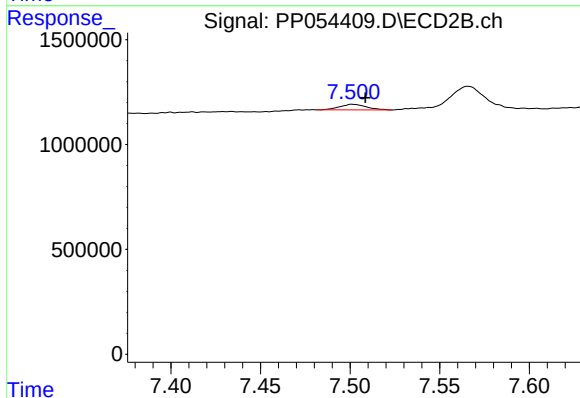
R.T.: 8.063 min
Delta R.T.: -0.005 min
Response: 377168
Conc: 6.85 ng/ml



#41 AR-1268-1

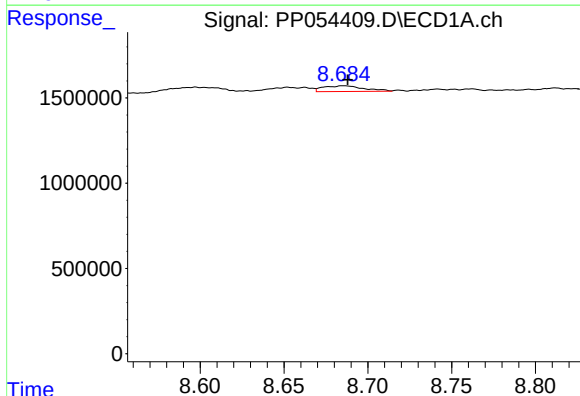
R.T.: 8.597 min
Delta R.T.: 0.003 min
Response: 673139
Conc: 3.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



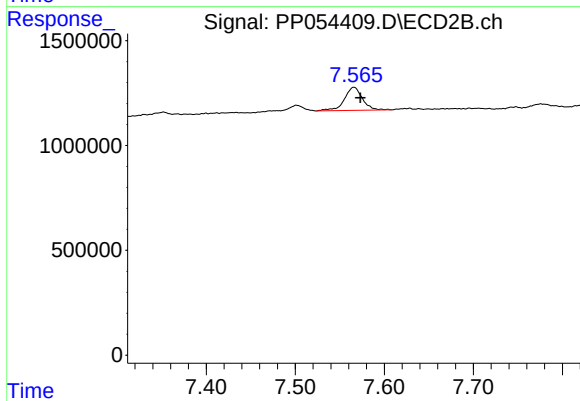
#41 AR-1268-1

R.T.: 7.502 min
Delta R.T.: -0.007 min
Response: 273645
Conc: 1.35 ng/ml



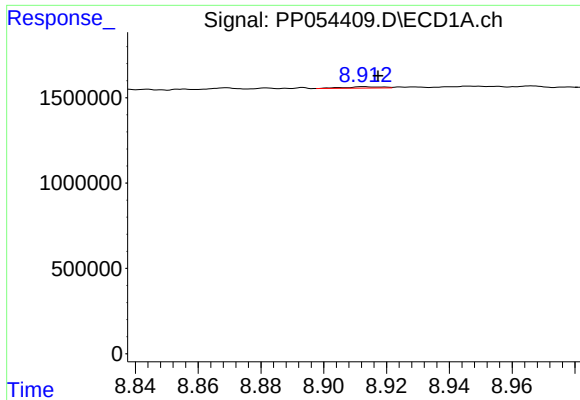
#42 AR-1268-2

R.T.: 8.686 min
Delta R.T.: -0.002 min
Response: 569991
Conc: 3.23 ng/ml



#42 AR-1268-2

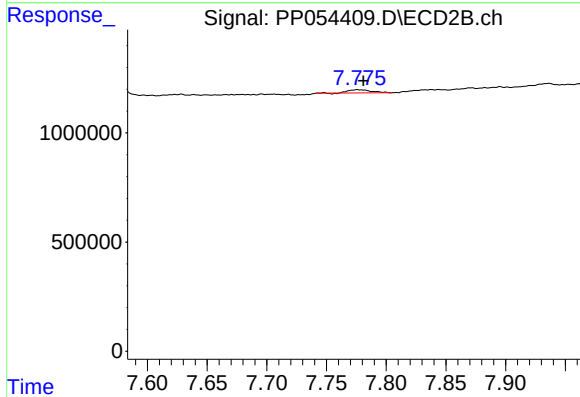
R.T.: 7.566 min
Delta R.T.: -0.007 min
Response: 1552268
Conc: 8.43 ng/ml



#43 AR-1268-3

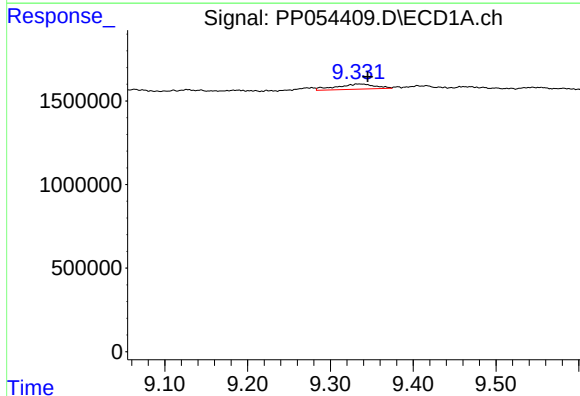
R.T.: 8.913 min
Delta R.T.: -0.004 min
Response: 67001
Conc: 0.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



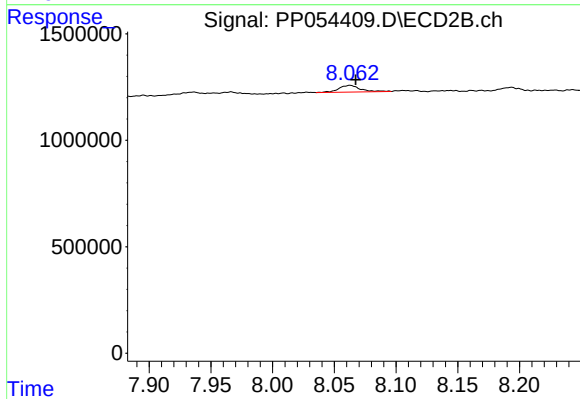
#43 AR-1268-3

R.T.: 7.776 min
Delta R.T.: -0.005 min
Response: 196508
Conc: 1.15 ng/ml



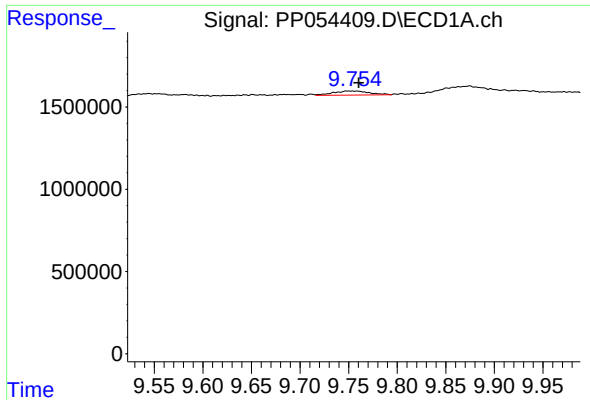
#44 AR-1268-4

R.T.: 9.335 min
Delta R.T.: -0.010 min
Response: 1012195
Conc: 14.79 ng/ml



#44 AR-1268-4

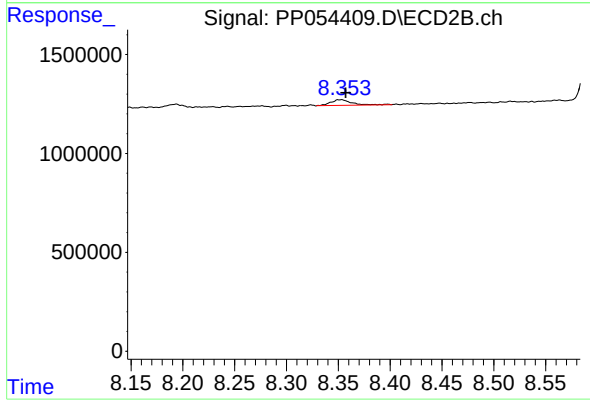
R.T.: 8.063 min
Delta R.T.: -0.005 min
Response: 377168
Conc: 5.97 ng/ml



#45 AR-1268-5

R.T.: 9.759 min
Delta R.T.: -0.002 min
Response: 625172
Conc: 1.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.353 min
Delta R.T.: -0.005 min
Response: 401974
Conc: 0.82 ng/ml