

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
 Data File : PP055929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 14:22
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:38:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.323	3.567	33428908	25708144	20.747	17.606
2)	SA Decachlor...	10.066	8.568	40499788	24705082	19.853	21.776
Target Compounds							
3)	L1 AR-1016-1	5.494	4.648	975477	640854	16.347	14.232
4)	L1 AR-1016-2	5.517	4.666	1052931	693348	12.035	10.676
5)	L1 AR-1016-3	5.576	4.843	761360	456251	13.706	13.128
6)	L1 AR-1016-4	5.675	4.886	567128	1095411	12.727	36.647 #
7)	L1 AR-1016-5	5.973	5.097	1744831	1387525	36.136	35.097
8)	L2 AR-1221-1	4.532	3.774	15172	63827	0.729	3.553 #
9)	L2 AR-1221-2	4.629	3.865	497788	398784	31.294	30.364
10)	L2 AR-1221-3	4.698	3.940	66939	72714	1.380	1.742 #
11)	L3 AR-1232-1	4.698	3.940	66939	72714	1.690	2.112
12)	L3 AR-1232-2	5.223	4.666	452440	693348	21.782	23.623
13)	L3 AR-1232-3	5.517	4.843	1052931	456251	26.722	30.022
14)	L3 AR-1232-4	5.675	4.926	567128	1143708	28.950	75.444 #
15)	L3 AR-1232-5	5.768	5.097	1631467	1387525	102.009	84.649
16)	L4 AR-1242-1	5.494	4.648	975477	640854	20.202	17.418
17)	L4 AR-1242-2	5.517	4.666	1052931	693348	14.818	13.164
18)	L4 AR-1242-3	5.576	4.843	761360	456251	17.065	16.116
19)	L4 AR-1242-4	5.675	4.926	567128	1143708	15.697	37.070 #
20)	L4 AR-1242-5	6.415	5.450	2165922	1609729	51.706	48.327
21)	L5 AR-1248-1	5.494	4.648	975477	640854	26.811	22.947
22)	L5 AR-1248-2	5.768	4.886	1631467	1095411	28.355	25.750
23)	L5 AR-1248-3	5.973	4.926	1744831	1143708	26.853	25.700
24)	L5 AR-1248-4	6.377	5.097	2148253	1387525	29.609	27.099
25)	L5 AR-1248-5	6.415	5.490	2165922	1196660	30.559	27.150
26)	L6 AR-1254-1	6.351	5.450	1800576	1609729	24.490	21.880
27)	L6 AR-1254-2	6.573	5.599	1889007	568558	16.369	9.037 #
28)	L6 AR-1254-3	6.941	6.003	1197324	708862	9.729	7.228 #
29)	L6 AR-1254-4	7.227	6.232	1207793	448738	13.150	8.152 #
30)	L6 AR-1254-5	7.646	6.652	395954	142852	3.767	1.758 #
31)	L7 AR-1260-1	7.103	6.149	150654	353439	1.455	4.848 #
32)	L7 AR-1260-2	7.363	6.315	424211	410107	3.373	5.026 #
33)	L7 AR-1260-3	7.718	6.477	48597	130593	0.553	1.545 #
34)	L7 AR-1260-4	7.957	6.947	1159579	18168	10.789	0.284 #
35)	L7 AR-1260-5	8.267	0.000	198208	0	0.960	N.D. #
36)	L8 AR-1262-1	7.718	0.000	48597	0	0.412	N.D. #
37)	L8 AR-1262-2	8.267	6.947	198208	18168	0.903	0.245 #
38)	L8 AR-1262-3	8.581	7.479	40310	22324	0.264	0.402 #
39)	L8 AR-1262-4	8.669	7.555	175350	70996	2.329	0.699 #
40)	L8 AR-1262-5	9.318	0.000	71695	0	0.870	N.D. #
41)	L9 AR-1268-1	8.571	7.479	20560	22324	0.072	0.133 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
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 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:38:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 2023
 Response via : Initial Calibration
 Integrator: ChemStation

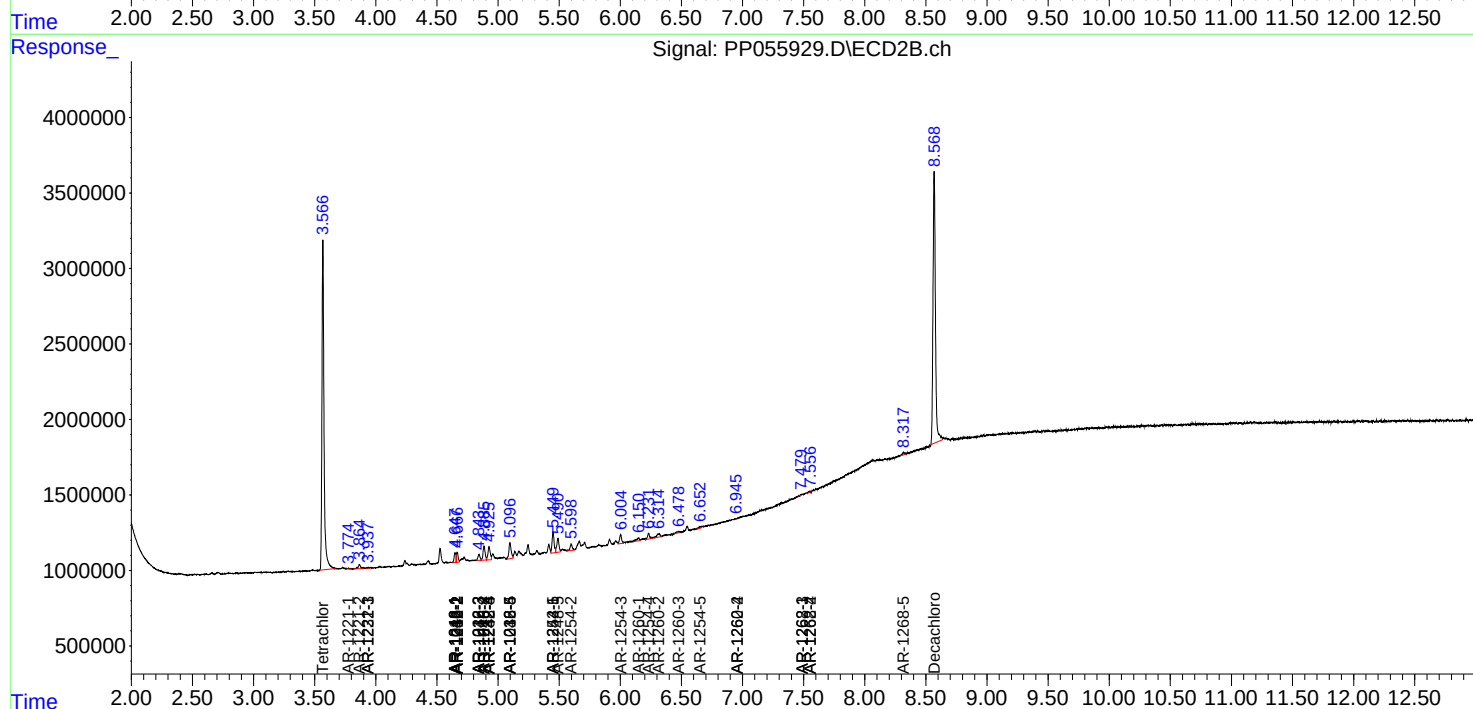
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

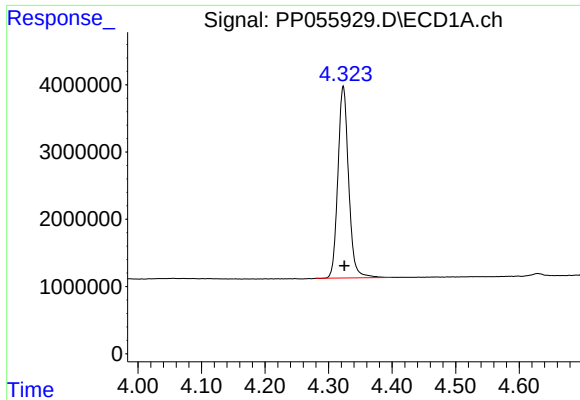
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.669	7.555	175350	70996	0.658	0.464 #
43) L9	AR-1268-3	8.895	0.000	33569	0	0.143	N.D. #
44) L9	AR-1268-4	9.318	0.000	71695	0	0.726	N.D. #
45) L9	AR-1268-5	9.732	8.319	115699	220514	0.154	0.547 #

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

Instrument :
ECD_P
ClientSampleId :

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

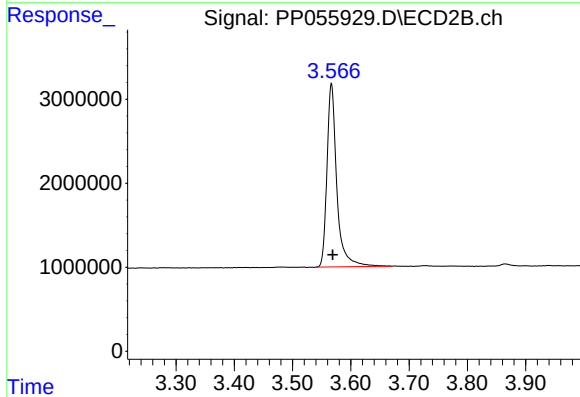




#1 Tetrachloro-m-xylene

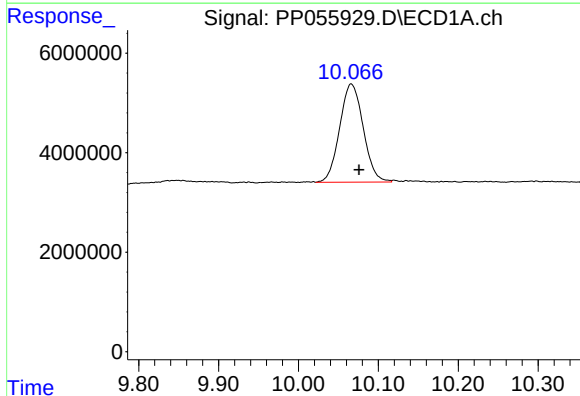
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 33428908
Conc: 20.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



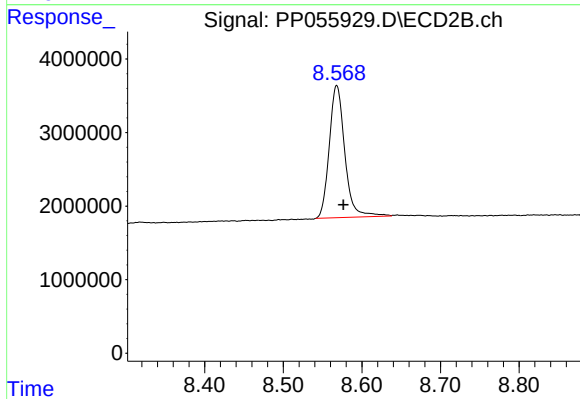
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: -0.002 min
Response: 25708144
Conc: 17.61 ng/ml



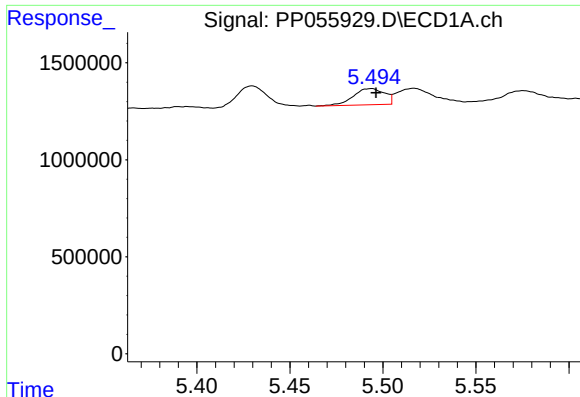
#2 Decachlorobiphenyl

R.T.: 10.066 min
Delta R.T.: -0.010 min
Response: 40499788
Conc: 19.85 ng/ml



#2 Decachlorobiphenyl

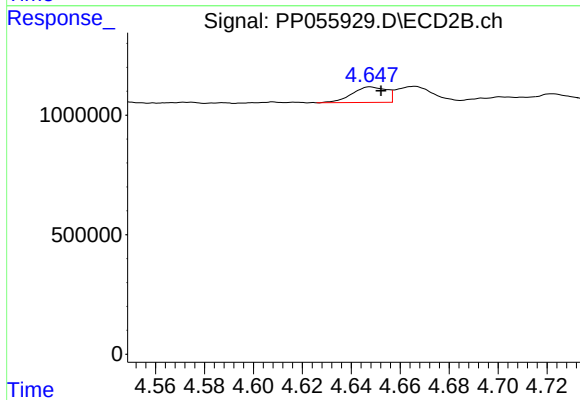
R.T.: 8.568 min
Delta R.T.: -0.009 min
Response: 24705082
Conc: 21.78 ng/ml



#3 AR-1016-1

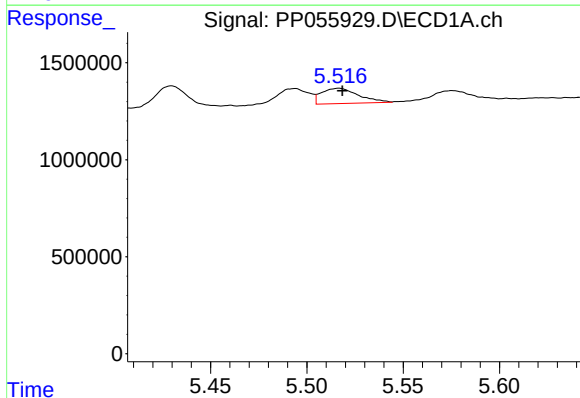
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 975477
Conc: 16.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



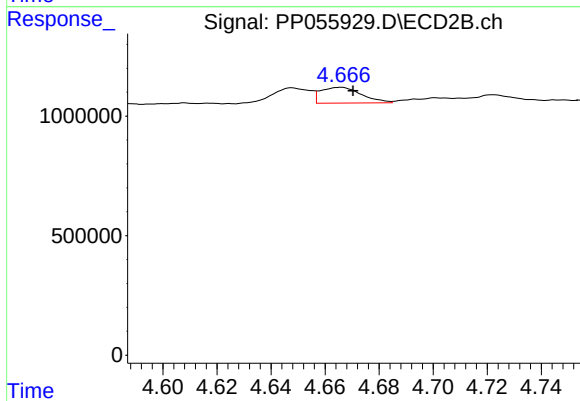
#3 AR-1016-1

R.T.: 4.648 min
Delta R.T.: -0.004 min
Response: 640854
Conc: 14.23 ng/ml



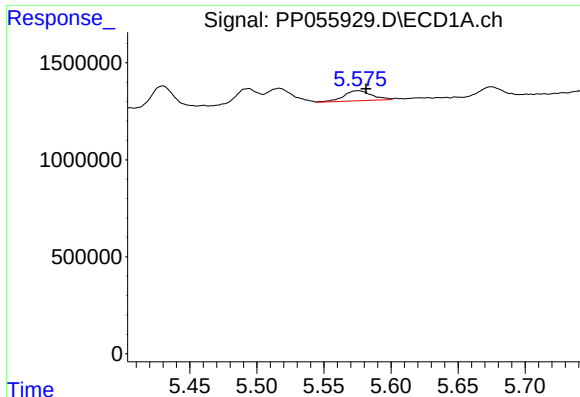
#4 AR-1016-2

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 1052931
Conc: 12.03 ng/ml



#4 AR-1016-2

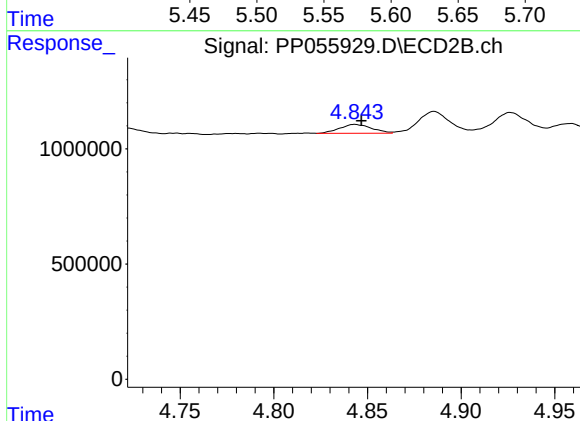
R.T.: 4.666 min
Delta R.T.: -0.005 min
Response: 693348
Conc: 10.68 ng/ml



#5 AR-1016-3

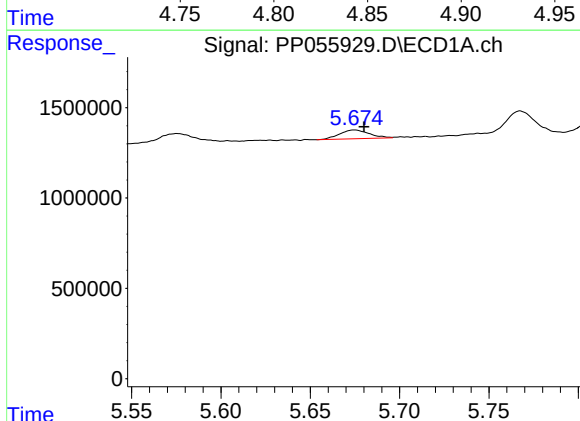
R.T.: 5.576 min
Delta R.T.: -0.006 min
Response: 761360
Conc: 13.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



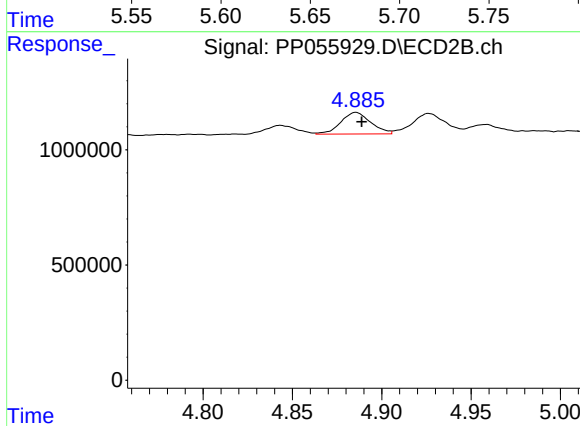
#5 AR-1016-3

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 456251
Conc: 13.13 ng/ml



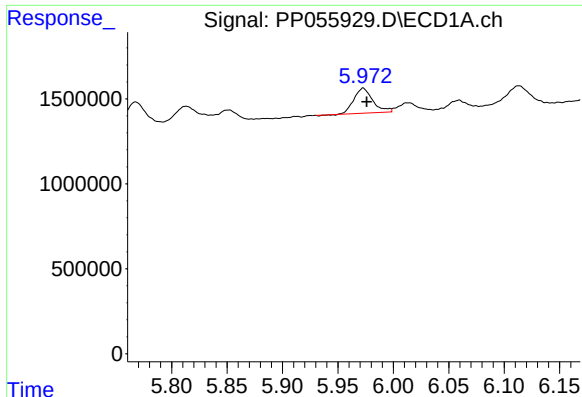
#6 AR-1016-4

R.T.: 5.675 min
Delta R.T.: -0.005 min
Response: 567128
Conc: 12.73 ng/ml



#6 AR-1016-4

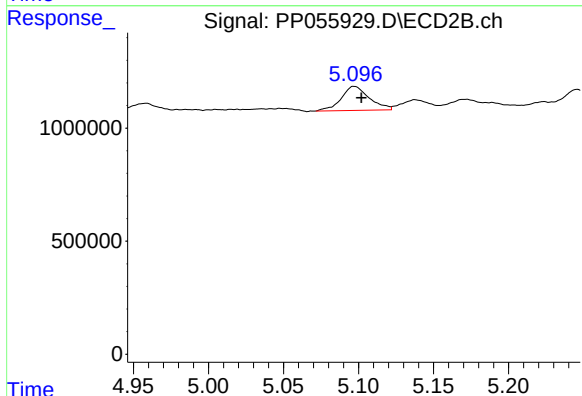
R.T.: 4.886 min
Delta R.T.: -0.003 min
Response: 1095411
Conc: 36.65 ng/ml



#7 AR-1016-5

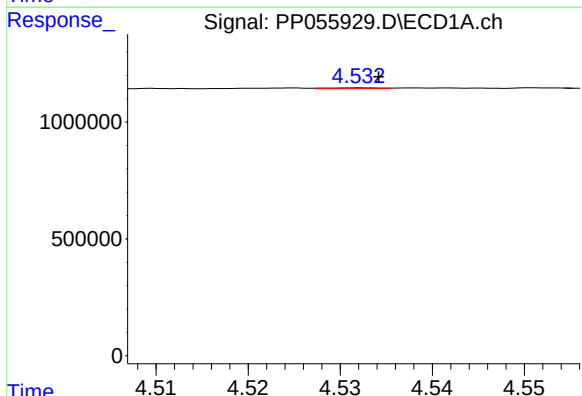
R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 1744831
Conc: 36.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



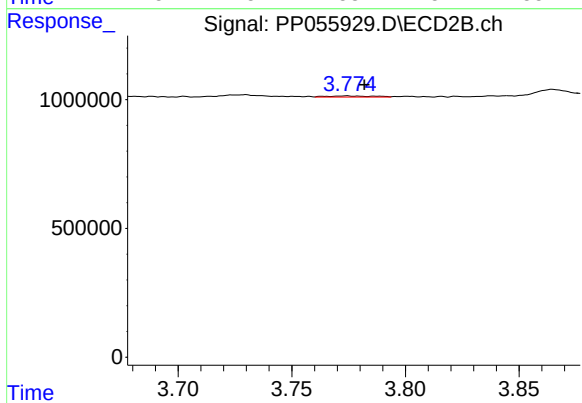
#7 AR-1016-5

R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 1387525
Conc: 35.10 ng/ml



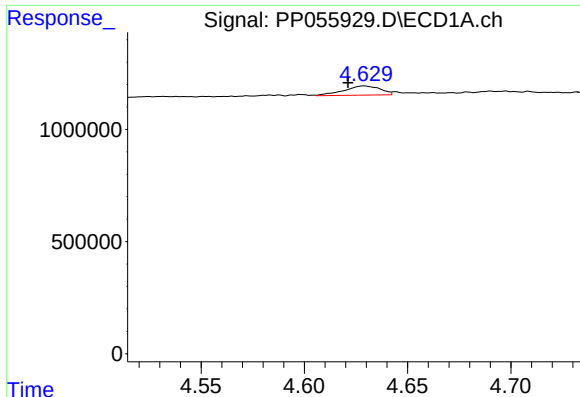
#8 AR-1221-1

R.T.: 4.532 min
Delta R.T.: -0.002 min
Response: 15172
Conc: 0.73 ng/ml



#8 AR-1221-1

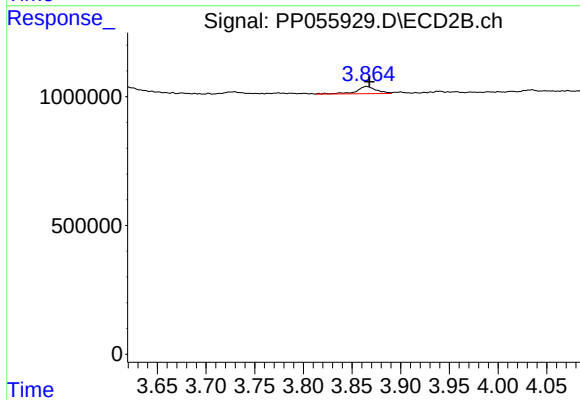
R.T.: 3.774 min
Delta R.T.: -0.008 min
Response: 63827
Conc: 3.55 ng/ml



#9 AR-1221-2

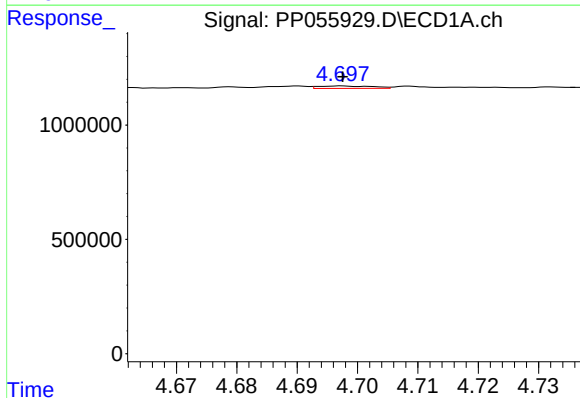
R.T.: 4.629 min
Delta R.T.: 0.008 min
Response: 497788
Conc: 31.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



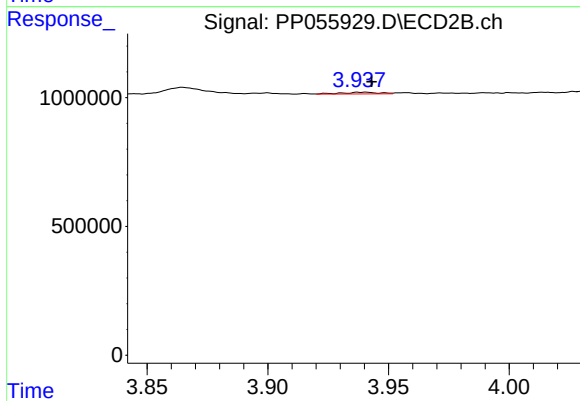
#9 AR-1221-2

R.T.: 3.865 min
Delta R.T.: -0.003 min
Response: 398784
Conc: 30.36 ng/ml



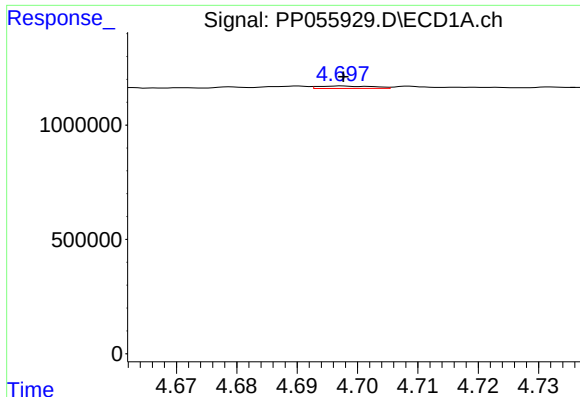
#10 AR-1221-3

R.T.: 4.698 min
Delta R.T.: 0.000 min
Response: 66939
Conc: 1.38 ng/ml



#10 AR-1221-3

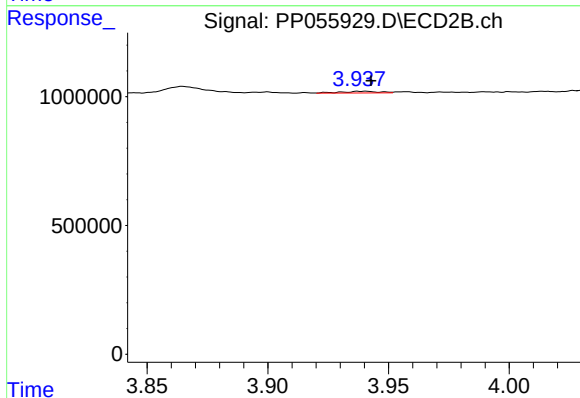
R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 72714
Conc: 1.74 ng/ml



#11 AR-1232-1

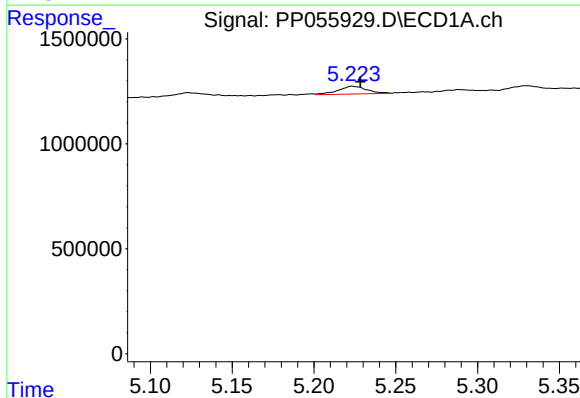
R.T.: 4.698 min
Delta R.T.: 0.000 min
Response: 66939
Conc: 1.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



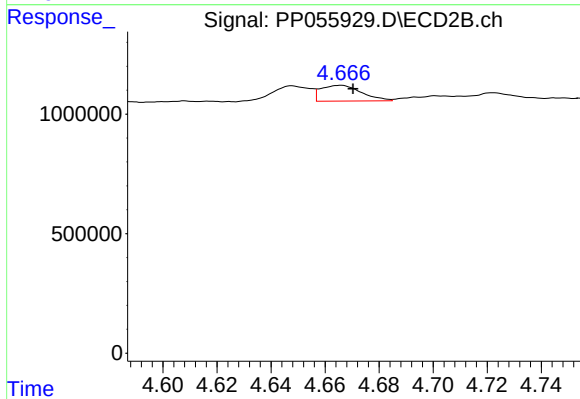
#11 AR-1232-1

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 72714
Conc: 2.11 ng/ml



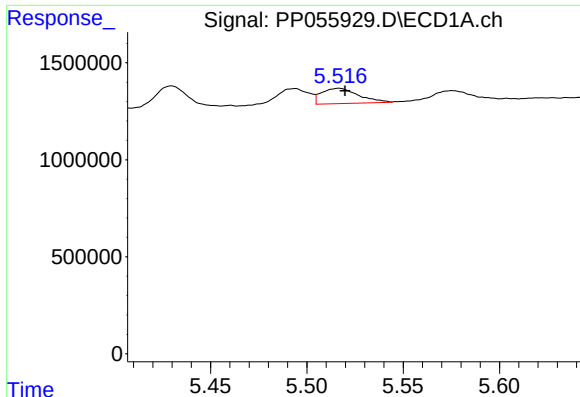
#12 AR-1232-2

R.T.: 5.223 min
Delta R.T.: -0.005 min
Response: 452440
Conc: 21.78 ng/ml



#12 AR-1232-2

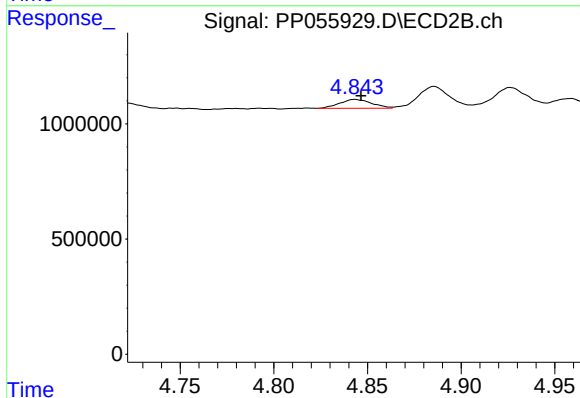
R.T.: 4.666 min
Delta R.T.: -0.005 min
Response: 693348
Conc: 23.62 ng/ml



#13 AR-1232-3

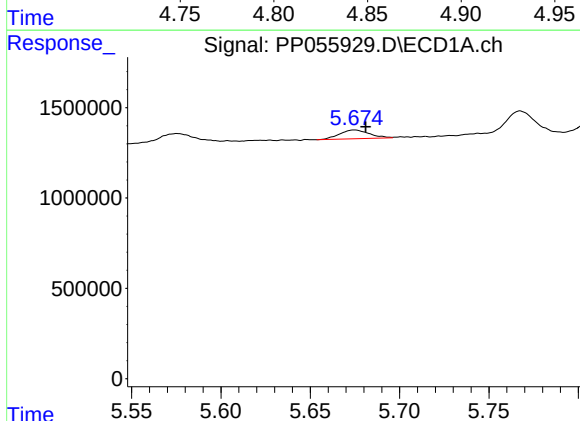
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 1052931
Conc: 26.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



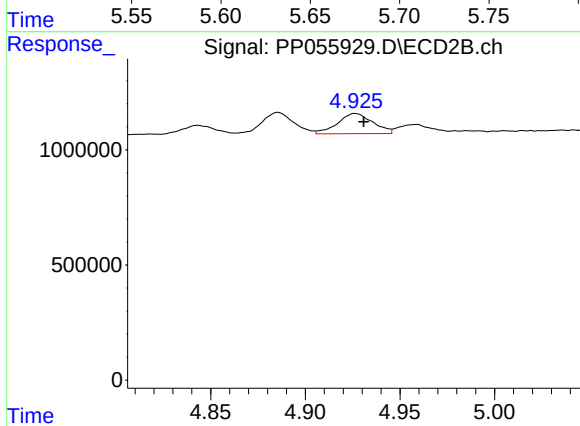
#13 AR-1232-3

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 456251
Conc: 30.02 ng/ml



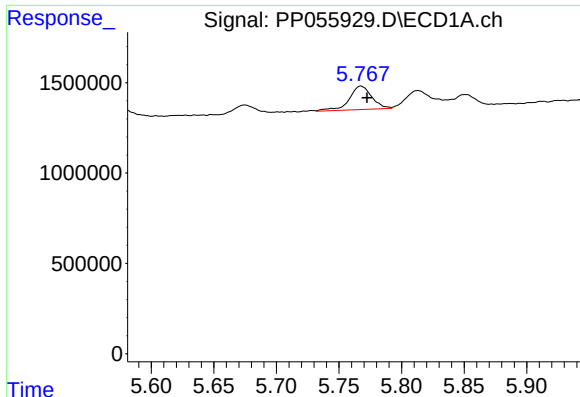
#14 AR-1232-4

R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 567128
Conc: 28.95 ng/ml



#14 AR-1232-4

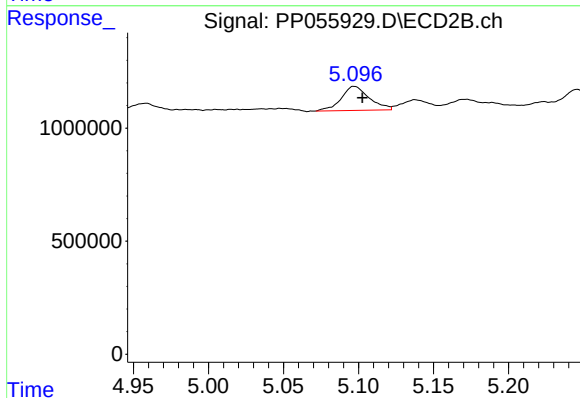
R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 1143708
Conc: 75.44 ng/ml



#15 AR-1232-5

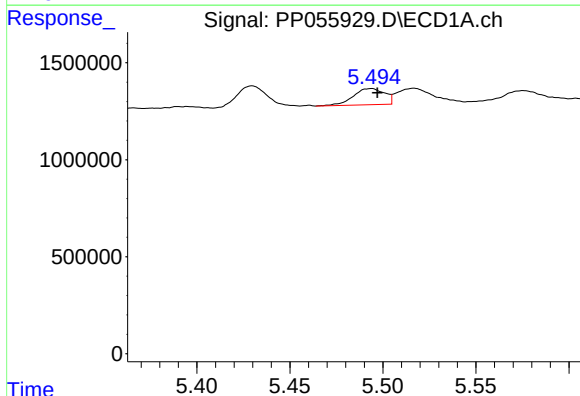
R.T.: 5.768 min
Delta R.T.: -0.005 min
Response: 1631467
Conc: 102.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



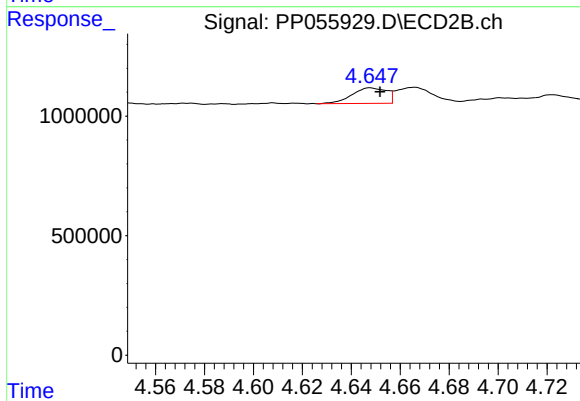
#15 AR-1232-5

R.T.: 5.097 min
Delta R.T.: -0.005 min
Response: 1387525
Conc: 84.65 ng/ml



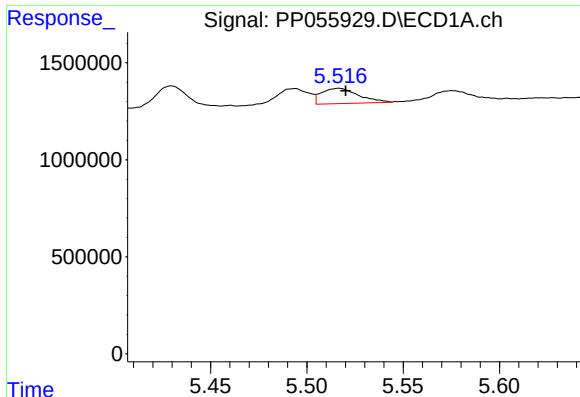
#16 AR-1242-1

R.T.: 5.494 min
Delta R.T.: -0.003 min
Response: 975477
Conc: 20.20 ng/ml



#16 AR-1242-1

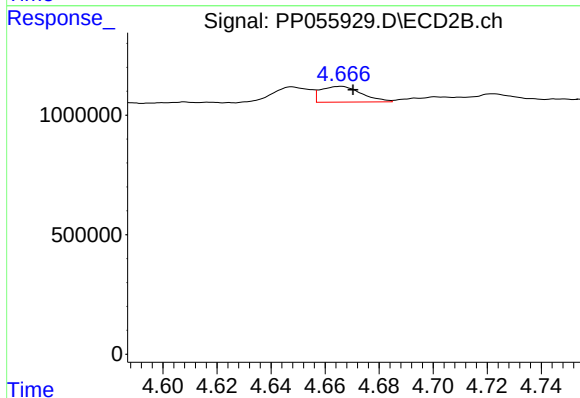
R.T.: 4.648 min
Delta R.T.: -0.004 min
Response: 640854
Conc: 17.42 ng/ml



#17 AR-1242-2

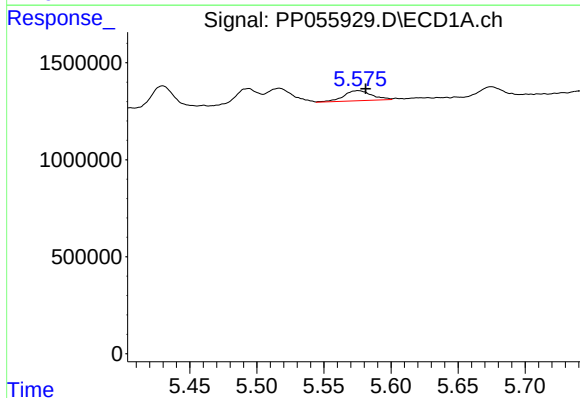
R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 1052931
Conc: 14.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



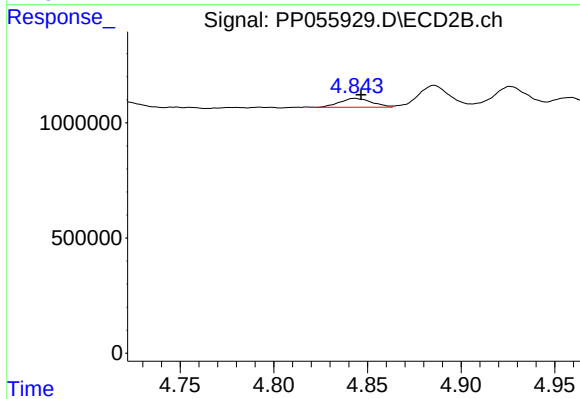
#17 AR-1242-2

R.T.: 4.666 min
Delta R.T.: -0.005 min
Response: 693348
Conc: 13.16 ng/ml



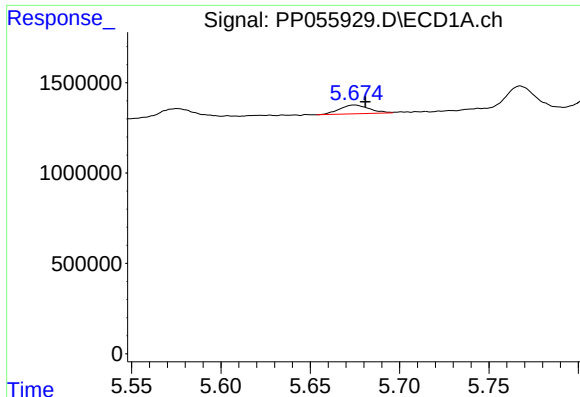
#18 AR-1242-3

R.T.: 5.576 min
Delta R.T.: -0.006 min
Response: 761360
Conc: 17.07 ng/ml



#18 AR-1242-3

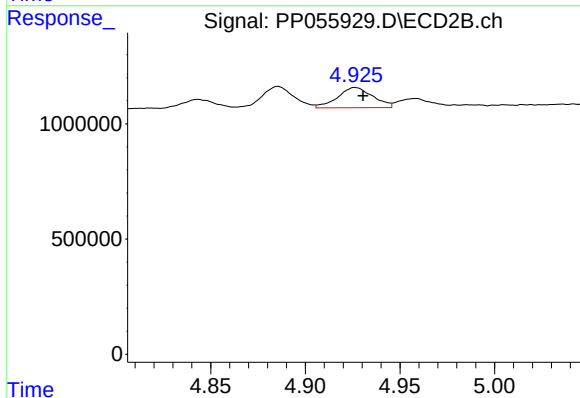
R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 456251
Conc: 16.12 ng/ml



#19 AR-1242-4

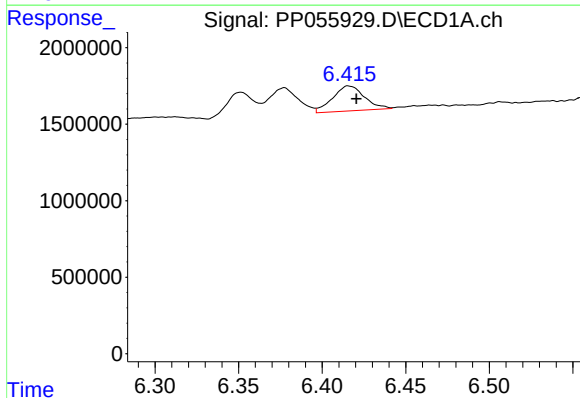
R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 567128
Conc: 15.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



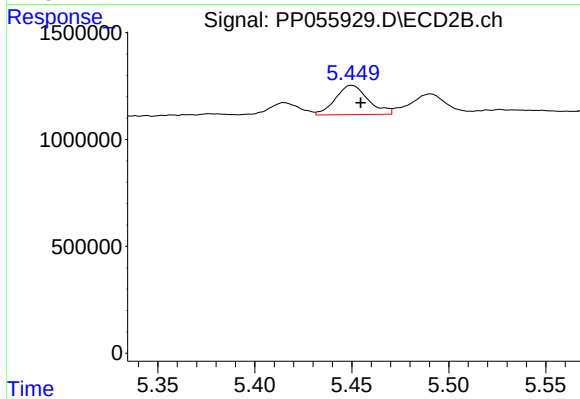
#19 AR-1242-4

R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 1143708
Conc: 37.07 ng/ml



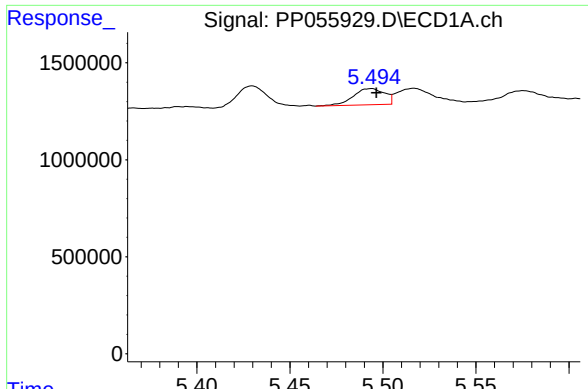
#20 AR-1242-5

R.T.: 6.415 min
Delta R.T.: -0.005 min
Response: 2165922
Conc: 51.71 ng/ml



#20 AR-1242-5

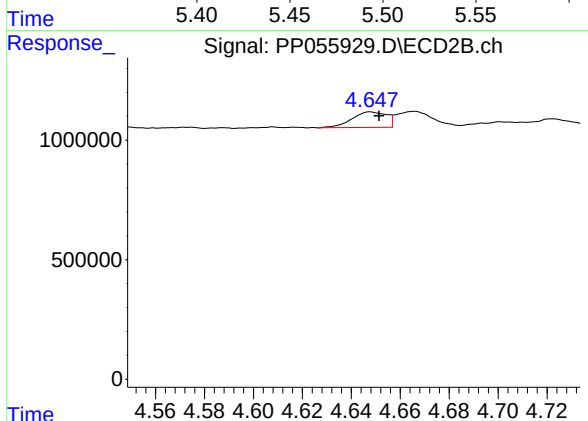
R.T.: 5.450 min
Delta R.T.: -0.005 min
Response: 1609729
Conc: 48.33 ng/ml



#21 AR-1248-1

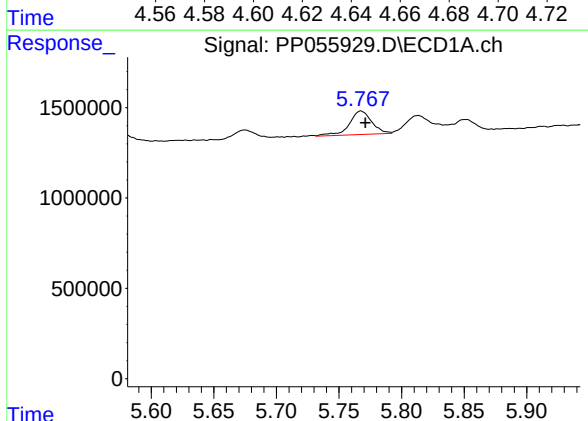
R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 975477
Conc: 26.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



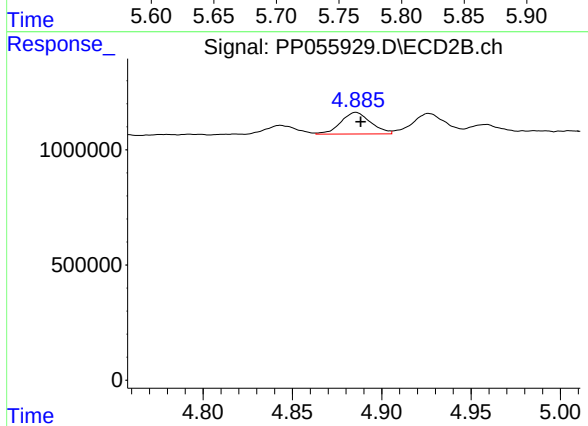
#21 AR-1248-1

R.T.: 4.648 min
Delta R.T.: -0.003 min
Response: 640854
Conc: 22.95 ng/ml



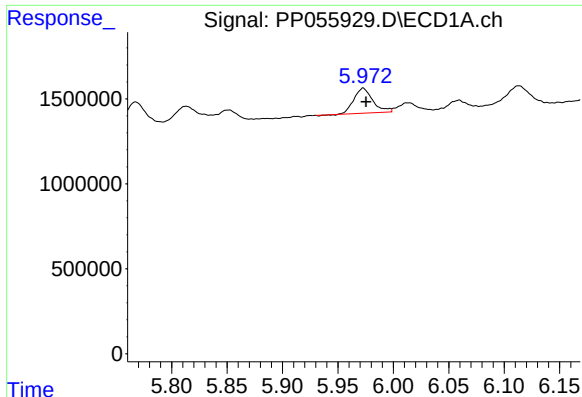
#22 AR-1248-2

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 1631467
Conc: 28.35 ng/ml



#22 AR-1248-2

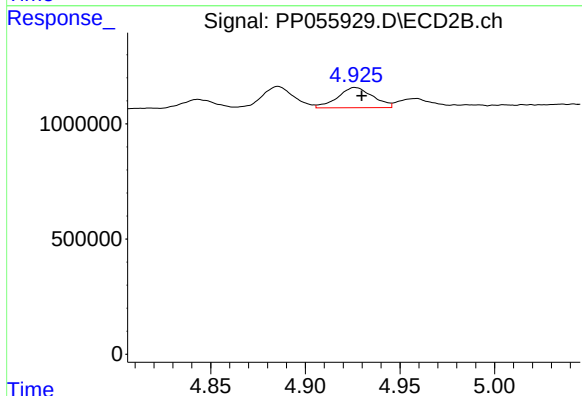
R.T.: 4.886 min
Delta R.T.: -0.003 min
Response: 1095411
Conc: 25.75 ng/ml



#23 AR-1248-3

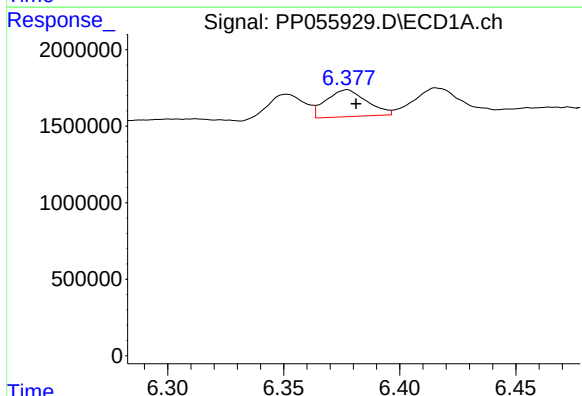
R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 1744831
Conc: 26.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



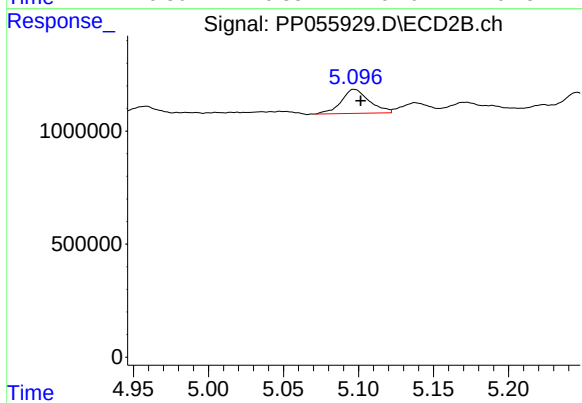
#23 AR-1248-3

R.T.: 4.926 min
Delta R.T.: -0.003 min
Response: 1143708
Conc: 25.70 ng/ml



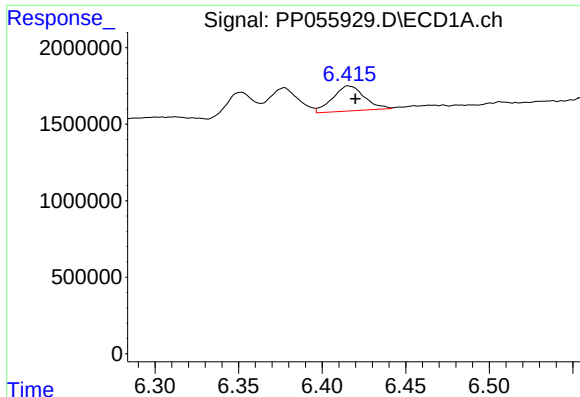
#24 AR-1248-4

R.T.: 6.377 min
Delta R.T.: -0.004 min
Response: 2148253
Conc: 29.61 ng/ml



#24 AR-1248-4

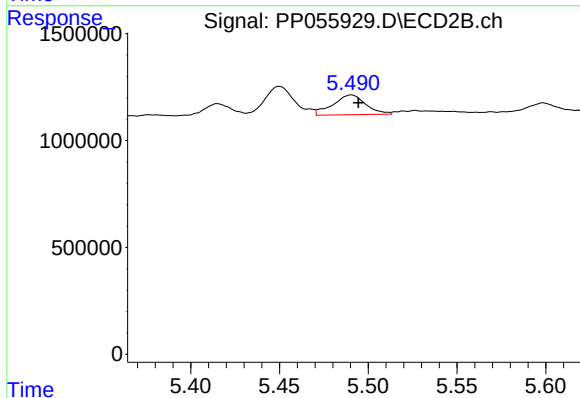
R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 1387525
Conc: 27.10 ng/ml



#25 AR-1248-5

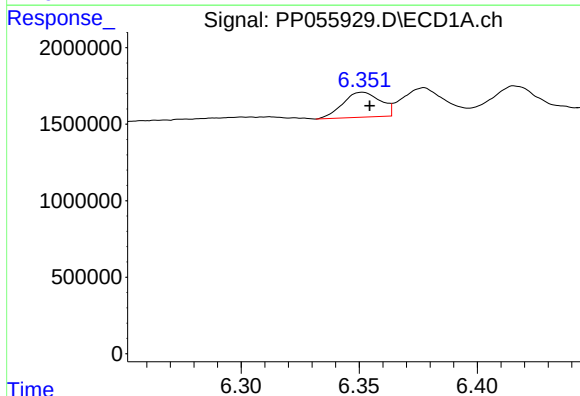
R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 2165922
Conc: 30.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



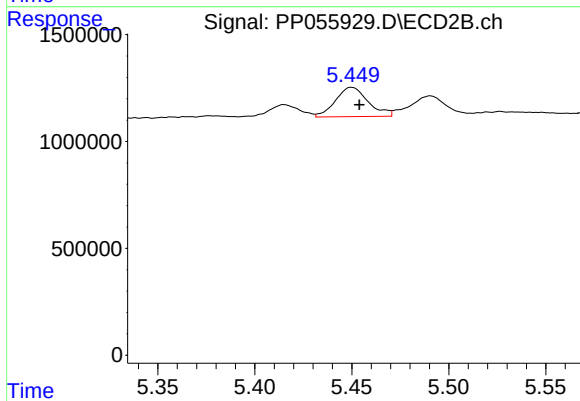
#25 AR-1248-5

R.T.: 5.490 min
Delta R.T.: -0.004 min
Response: 1196660
Conc: 27.15 ng/ml



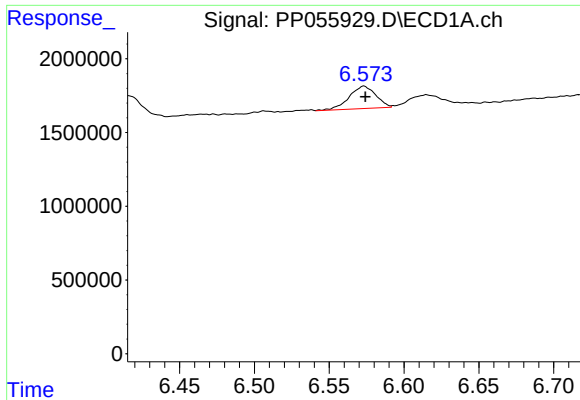
#26 AR-1254-1

R.T.: 6.351 min
Delta R.T.: -0.003 min
Response: 1800576
Conc: 24.49 ng/ml



#26 AR-1254-1

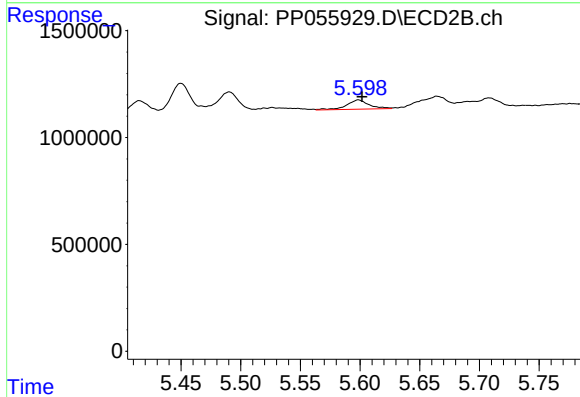
R.T.: 5.450 min
Delta R.T.: -0.004 min
Response: 1609729
Conc: 21.88 ng/ml



#27 AR-1254-2

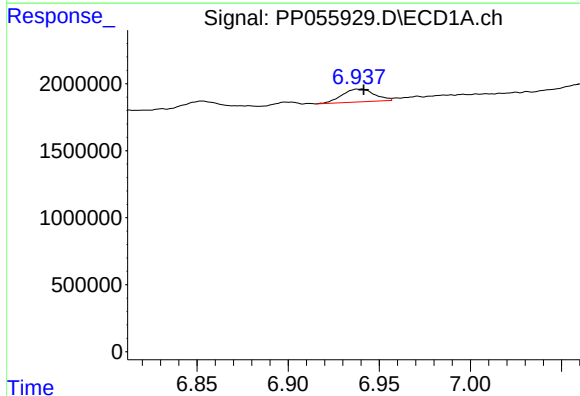
R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 1889007
Conc: 16.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



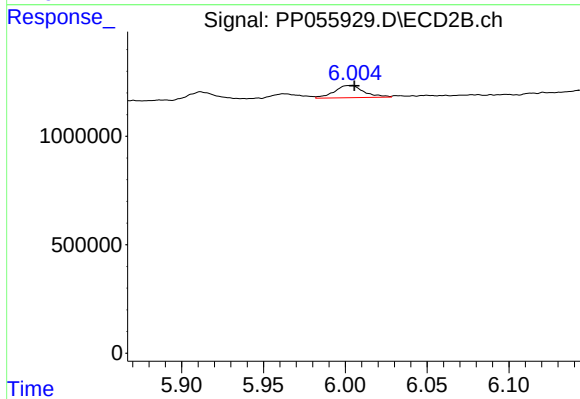
#27 AR-1254-2

R.T.: 5.599 min
Delta R.T.: -0.003 min
Response: 568558
Conc: 9.04 ng/ml



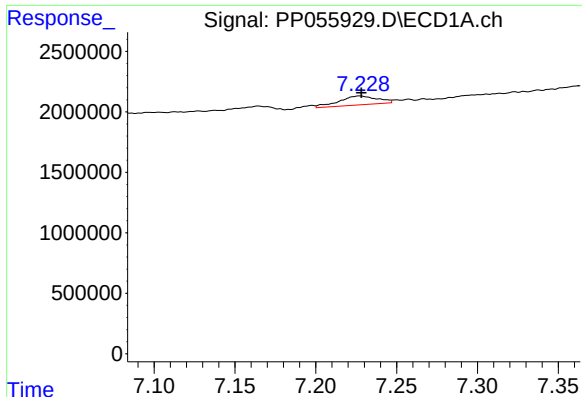
#28 AR-1254-3

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 1197324
Conc: 9.73 ng/ml



#28 AR-1254-3

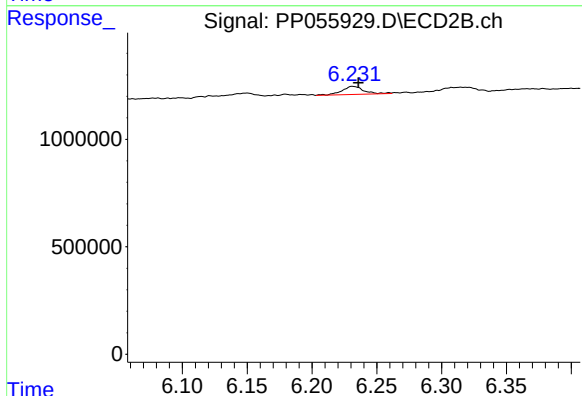
R.T.: 6.003 min
Delta R.T.: -0.003 min
Response: 708862
Conc: 7.23 ng/ml



#29 AR-1254-4

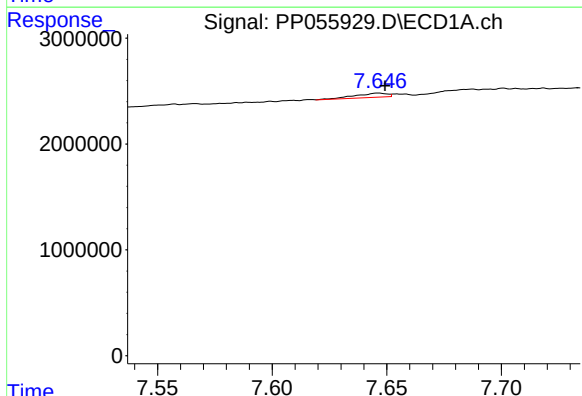
R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 1207793
Conc: 13.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



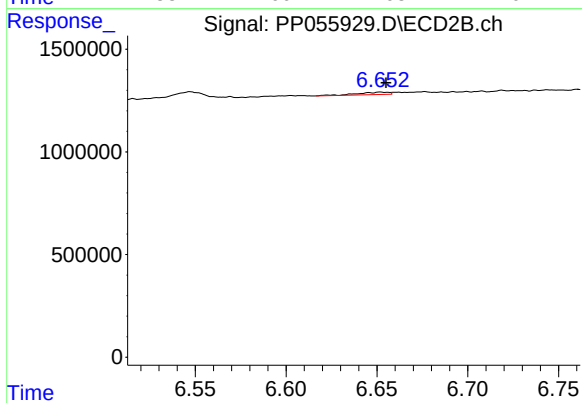
#29 AR-1254-4

R.T.: 6.232 min
Delta R.T.: -0.004 min
Response: 448738
Conc: 8.15 ng/ml



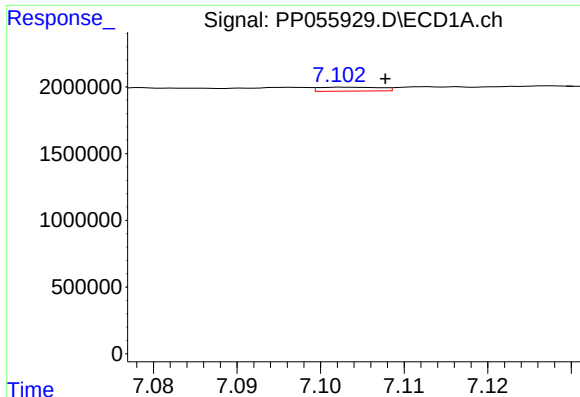
#30 AR-1254-5

R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 395954
Conc: 3.77 ng/ml



#30 AR-1254-5

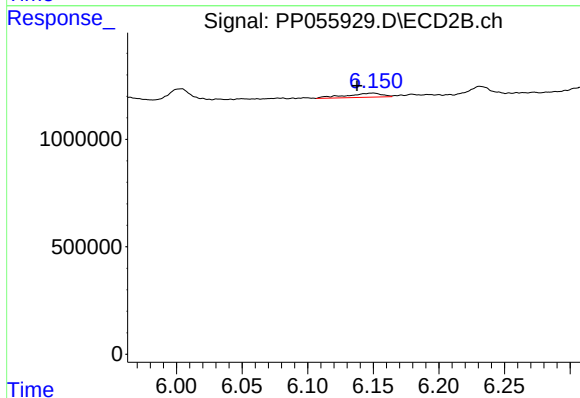
R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 142852
Conc: 1.76 ng/ml



#31 AR-1260-1

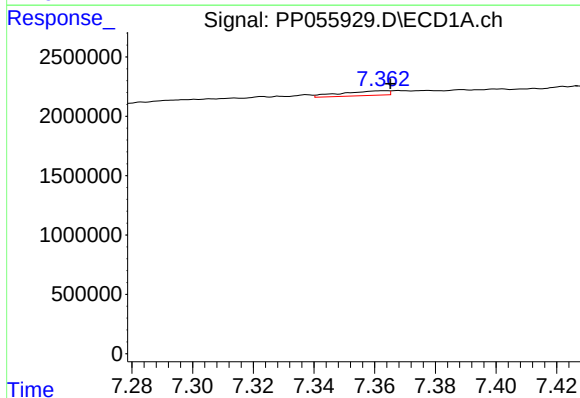
R.T.: 7.103 min
Delta R.T.: -0.005 min
Response: 150654
Conc: 1.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



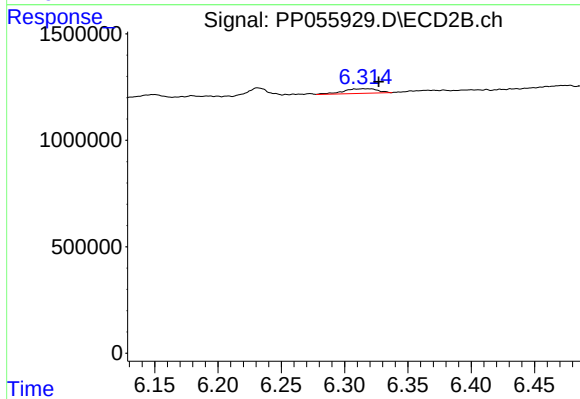
#31 AR-1260-1

R.T.: 6.149 min
Delta R.T.: 0.012 min
Response: 353439
Conc: 4.85 ng/ml



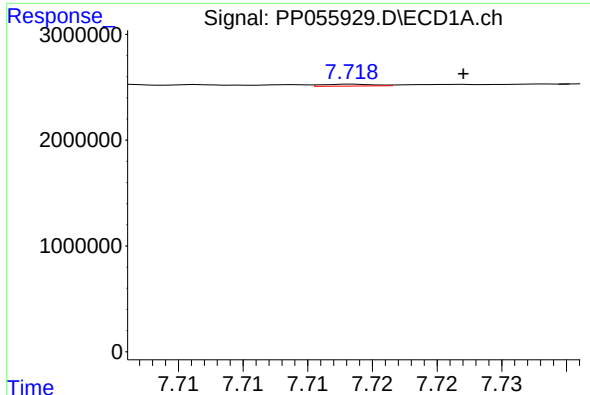
#32 AR-1260-2

R.T.: 7.363 min
Delta R.T.: -0.002 min
Response: 424211
Conc: 3.37 ng/ml



#32 AR-1260-2

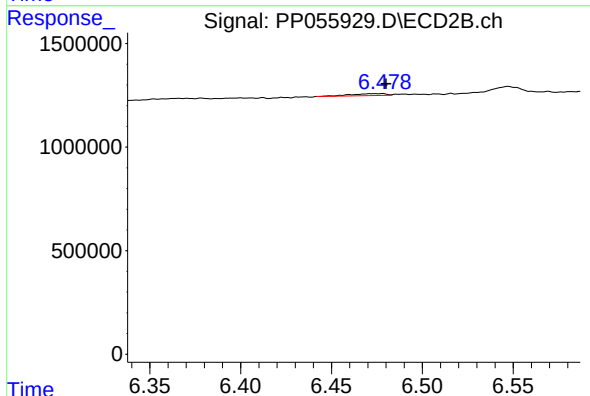
R.T.: 6.315 min
Delta R.T.: -0.012 min
Response: 410107
Conc: 5.03 ng/ml



#33 AR-1260-3

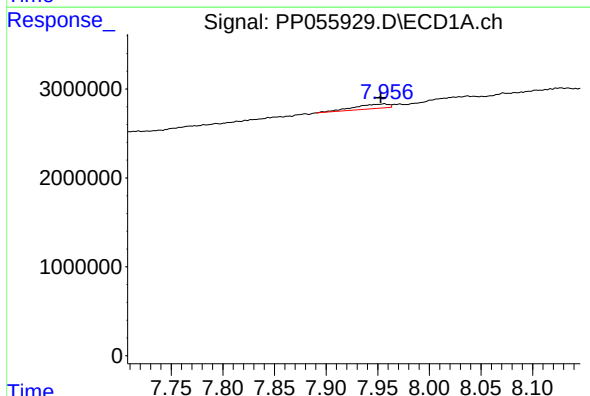
R.T.: 7.718 min
Delta R.T.: -0.009 min
Response: 48597
Conc: 0.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



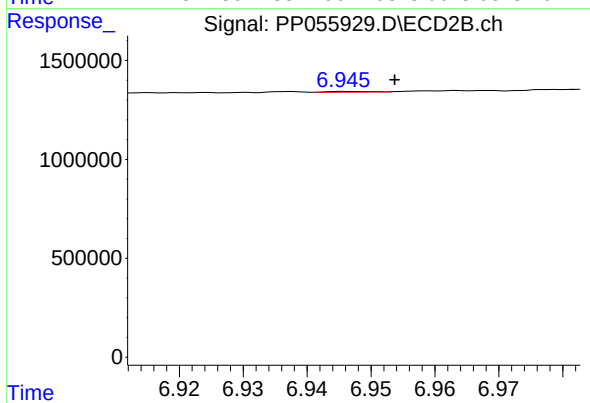
#33 AR-1260-3

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 130593
Conc: 1.55 ng/ml



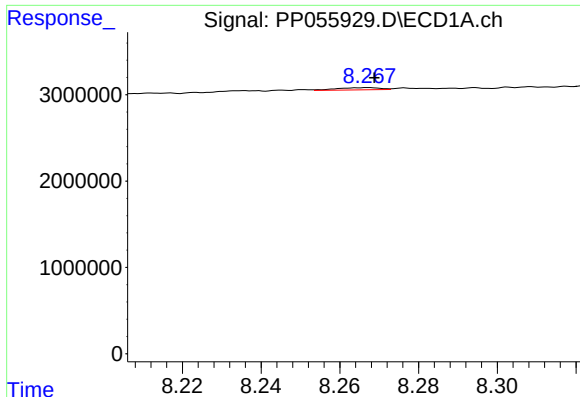
#34 AR-1260-4

R.T.: 7.957 min
Delta R.T.: 0.004 min
Response: 1159579
Conc: 10.79 ng/ml



#34 AR-1260-4

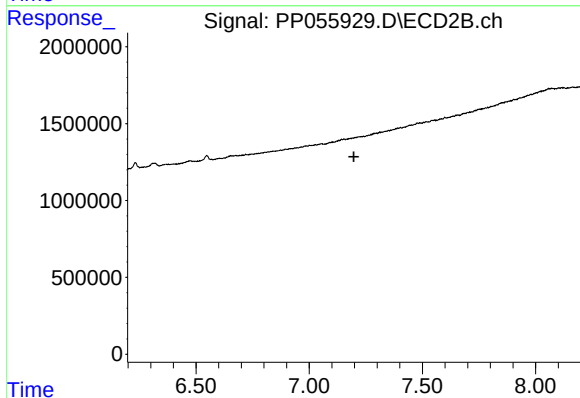
R.T.: 6.947 min
Delta R.T.: -0.007 min
Response: 18168
Conc: 0.28 ng/ml



#35 AR-1260-5

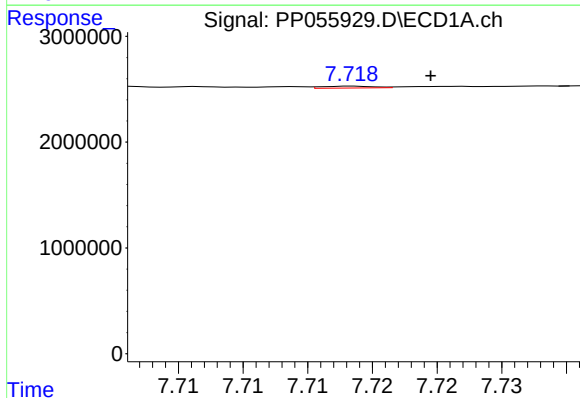
R.T.: 8.267 min
Delta R.T.: -0.002 min
Response: 198208
Conc: 0.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



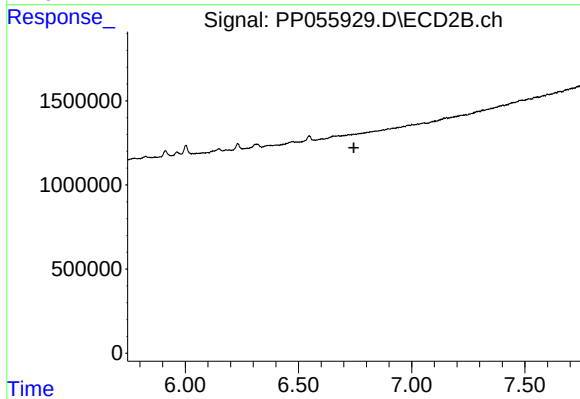
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.197 min
Response: 0
Conc: N.D.



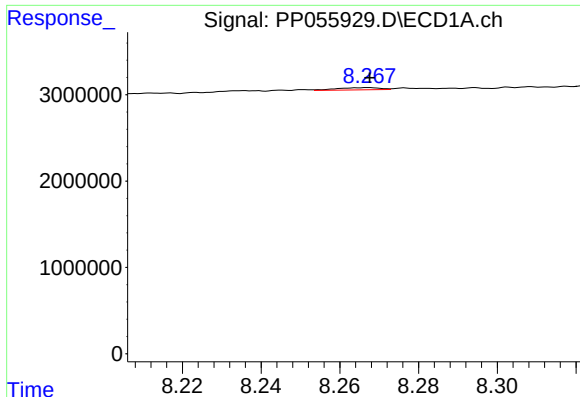
#36 AR-1262-1

R.T.: 7.718 min
Delta R.T.: -0.006 min
Response: 48597
Conc: 0.41 ng/ml



#36 AR-1262-1

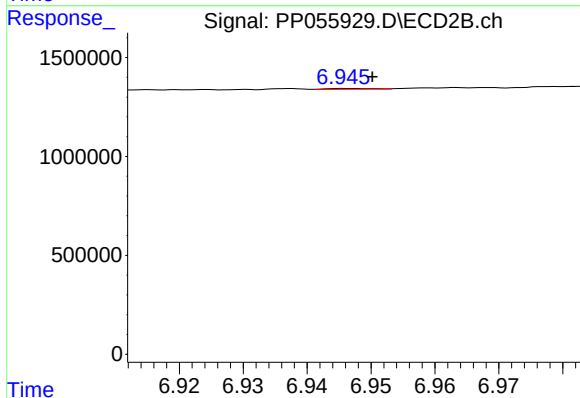
R.T.: 0.000 min
Exp R.T. : 6.745 min
Response: 0
Conc: N.D.



#37 AR-1262-2

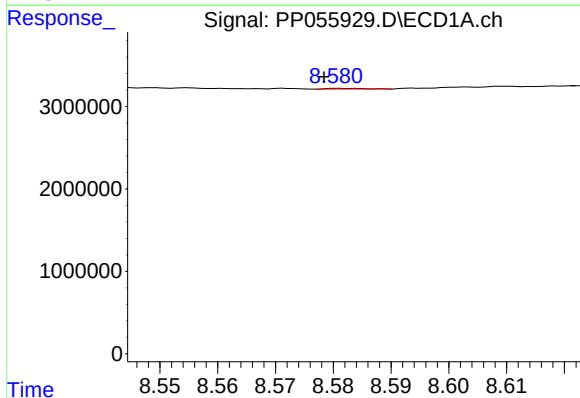
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 198208
Conc: 0.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



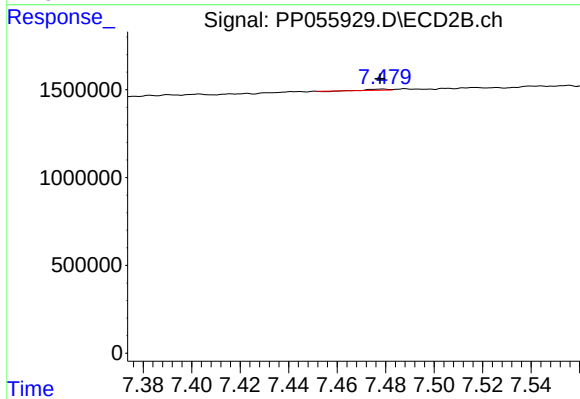
#37 AR-1262-2

R.T.: 6.947 min
Delta R.T.: -0.003 min
Response: 18168
Conc: 0.24 ng/ml



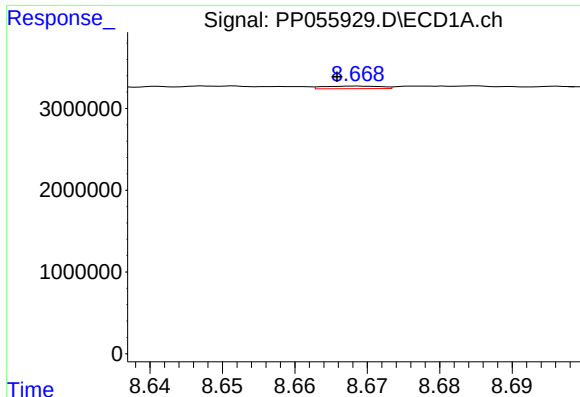
#38 AR-1262-3

R.T.: 8.581 min
Delta R.T.: 0.002 min
Response: 40310
Conc: 0.26 ng/ml



#38 AR-1262-3

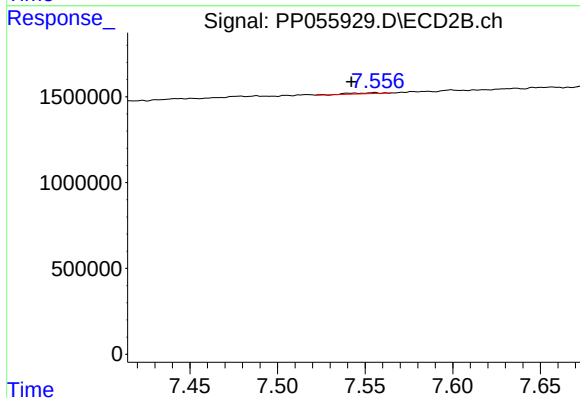
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 22324
Conc: 0.40 ng/ml



#39 AR-1262-4

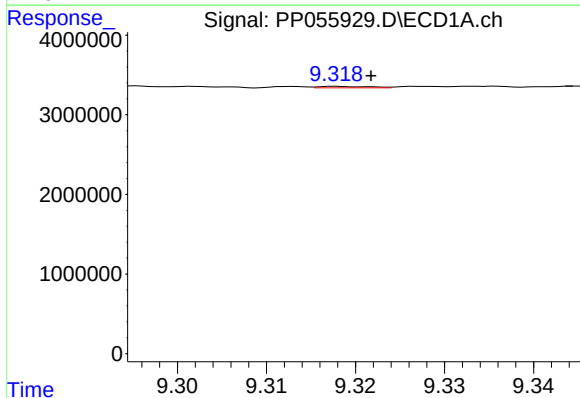
R.T.: 8.669 min
Delta R.T.: 0.003 min
Response: 175350
Conc: 2.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



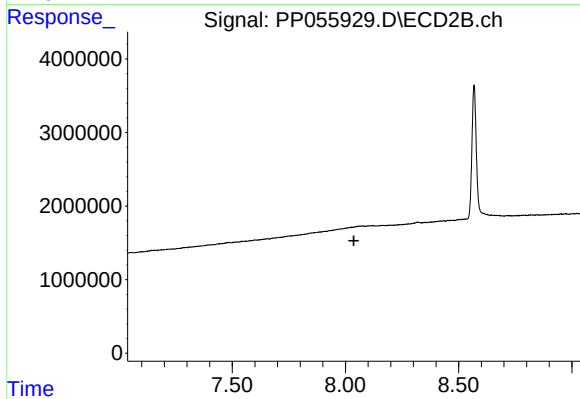
#39 AR-1262-4

R.T.: 7.555 min
Delta R.T.: 0.013 min
Response: 70996
Conc: 0.70 ng/ml



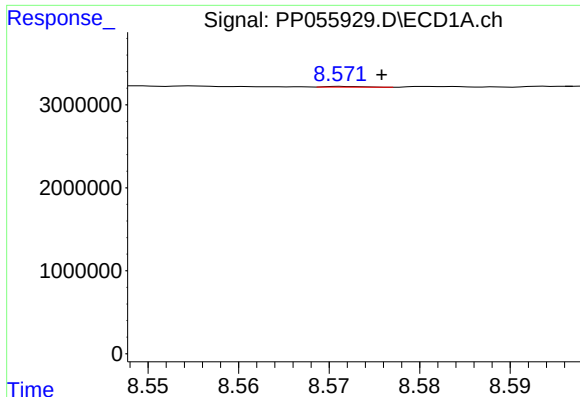
#40 AR-1262-5

R.T.: 9.318 min
Delta R.T.: -0.004 min
Response: 71695
Conc: 0.87 ng/ml



#40 AR-1262-5

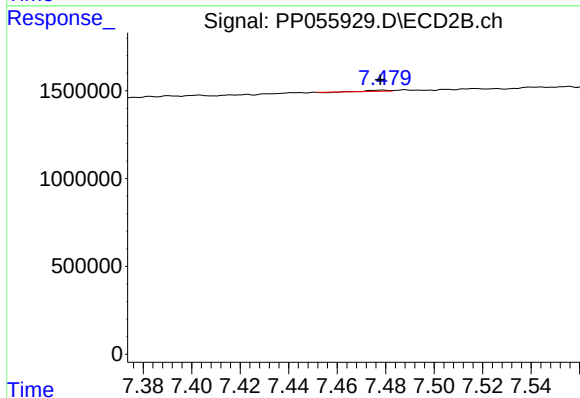
R.T.: 0.000 min
Exp R.T. : 8.038 min
Response: 0
Conc: N.D.



#41 AR-1268-1

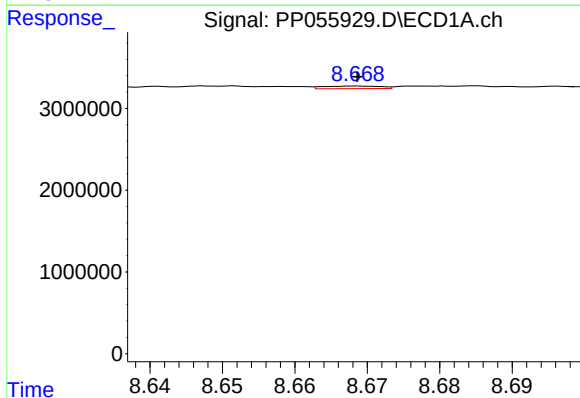
R.T.: 8.571 min
Delta R.T.: -0.004 min
Response: 20560
Conc: 0.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



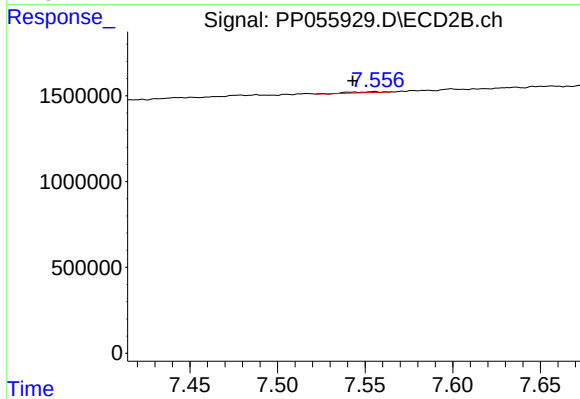
#41 AR-1268-1

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 22324
Conc: 0.13 ng/ml



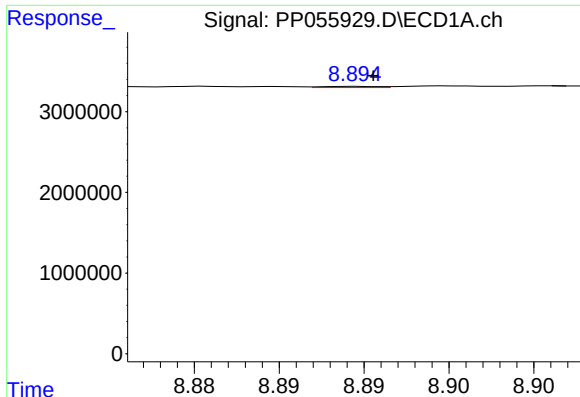
#42 AR-1268-2

R.T.: 8.669 min
Delta R.T.: 0.000 min
Response: 175350
Conc: 0.66 ng/ml



#42 AR-1268-2

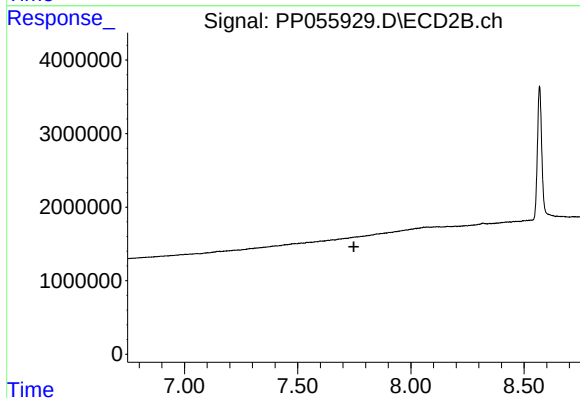
R.T.: 7.555 min
Delta R.T.: 0.012 min
Response: 70996
Conc: 0.46 ng/ml



#43 AR-1268-3

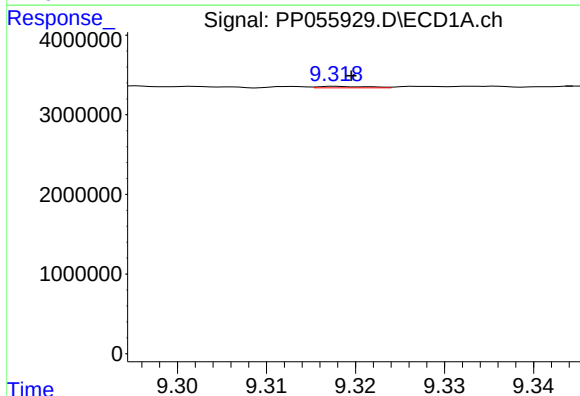
R.T.: 8.895 min
Delta R.T.: 0.000 min
Response: 33569
Conc: 0.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



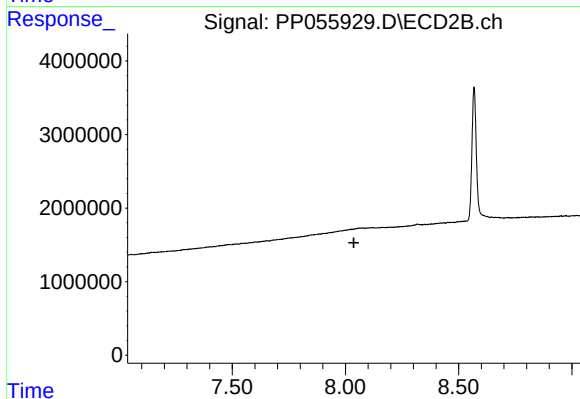
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.748 min
Response: 0
Conc: N.D.



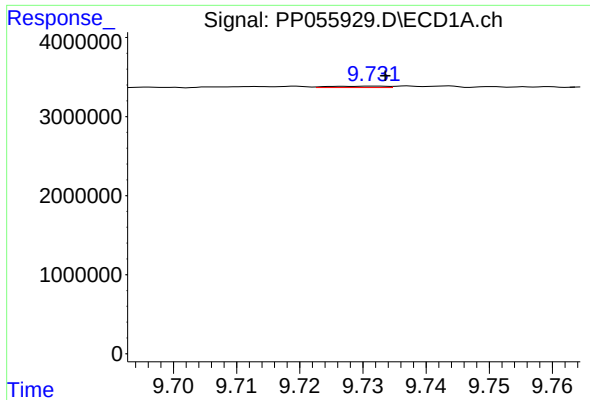
#44 AR-1268-4

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 71695
Conc: 0.73 ng/ml



#44 AR-1268-4

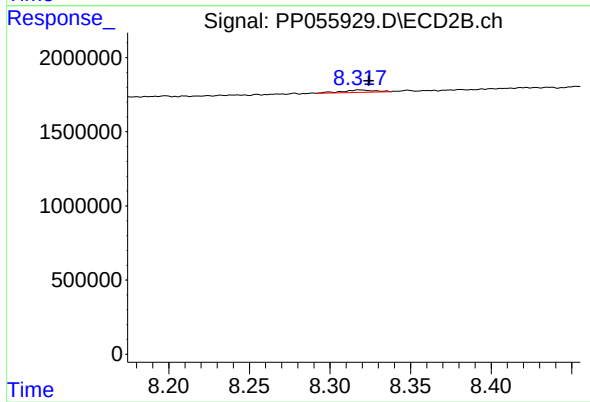
R.T.: 0.000 min
Exp R.T. : 8.037 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.732 min
Delta R.T.: -0.002 min
Response: 115699
Conc: 0.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.319 min
Delta R.T.: -0.006 min
Response: 220514
Conc: 0.55 ng/ml