

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
 Data File : PP055919.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 11:38
 Operator : YP\AJ
 Sample : 01627-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:31:02 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...	4.324	3.568	34615463	26547270	21.484	18.181
2)	SA Decachlor...	10.072	8.571	41133251	25759891	20.164	22.706
Target Compounds							
3)	L1 AR-1016-1	5.498	4.660	17162	147717	0.288	3.280 #
4)	L1 AR-1016-2	5.517	4.660	33708	147717	0.385	2.275 #
5)	L1 AR-1016-3	5.574	4.842	292844	47011	5.272	1.353 #
6)	L1 AR-1016-4	5.684	4.886	43490	899846	0.976	30.105 #
7)	L1 AR-1016-5	5.975	5.099	866885	544618	17.954	13.776
8)	L2 AR-1221-1	4.531	0.000	261101	0	12.544	N.D. #
9)	L2 AR-1221-2	4.629	3.866	551105	591550	34.646	45.042 #
10)	L2 AR-1221-3	4.699	3.938	62567	12134	1.290	0.291 #
11)	L3 AR-1232-1	4.699	3.938	62567	12134	1.580	0.352 #
12)	L3 AR-1232-2	5.231	4.660	26733	147717	1.287	5.033 #
13)	L3 AR-1232-3	5.517	4.842	33708	47011	0.855	3.093 #
14)	L3 AR-1232-4	5.684	4.926	43490	287239	2.220	18.948 #
15)	L3 AR-1232-5	5.768	5.099	1399493	544618	87.505	33.226 #
16)	L4 AR-1242-1	5.498	4.660	17162	147717	0.355	4.015 #
17)	L4 AR-1242-2	5.517	4.660	33708	147717	0.474	2.804 #
18)	L4 AR-1242-3	5.574	4.842	292844	47011	6.564	1.661 #
19)	L4 AR-1242-4	5.684	4.926	43490	287239	1.204	9.310 #
20)	L4 AR-1242-5	6.421	5.451	850265	1932962	20.298	58.031 #
21)	L5 AR-1248-1	5.498	4.660	17162	147717	0.472	5.289 #
22)	L5 AR-1248-2	5.768	4.886	1399493	899846	24.323	21.153
23)	L5 AR-1248-3	5.975	4.926	866885	287239	13.341	6.455 #
24)	L5 AR-1248-4	6.380	5.099	1181924	544618	16.290	10.637 #
25)	L5 AR-1248-5	6.421	5.493	850265	239465	11.996	5.433 #
26)	L6 AR-1254-1	6.353	5.451	2256700	1932962	30.694	26.273
27)	L6 AR-1254-2	6.572	5.599	3505390	1641643	30.375	26.092
28)	L6 AR-1254-3	6.940	6.003	3529819	2472840	28.682	25.213
29)	L6 AR-1254-4	7.227	6.232	2457812	1379687	26.759	25.064
30)	L6 AR-1254-5	7.648	6.652	2953978	2237738	28.106	27.542
31)	L7 AR-1260-1	7.105	6.135	1520077	1195834	14.680	16.403
32)	L7 AR-1260-2	7.363	6.322	2237160	963650	17.787	11.810 #
33)	L7 AR-1260-3	7.718	6.475	64872	1103954	0.739	13.064 #
34)	L7 AR-1260-4	7.964	6.946	338195	124758	3.147	1.949 #
35)	L7 AR-1260-5	8.271	7.193	452645	347960	2.193	2.571
36)	L8 AR-1262-1	7.718	6.724f	64872	287782	0.550	8.164 #
37)	L8 AR-1262-2	8.271	6.946	452645	124758	2.062	1.680
38)	L8 AR-1262-3	8.582	7.469	69351	-1567	0.454	N.D. #
39)	L8 AR-1262-4	8.670	7.545	99577	336037	1.323	3.310 #
40)	L8 AR-1262-5	9.328	8.021f	29778	19154	0.361	0.421
41)	L9 AR-1268-1	8.571	7.469	44492	-1567	0.156	N.D. #

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 Operator : YP\AJ
 Sample : 01627-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 13 Sample Multiplier: 1

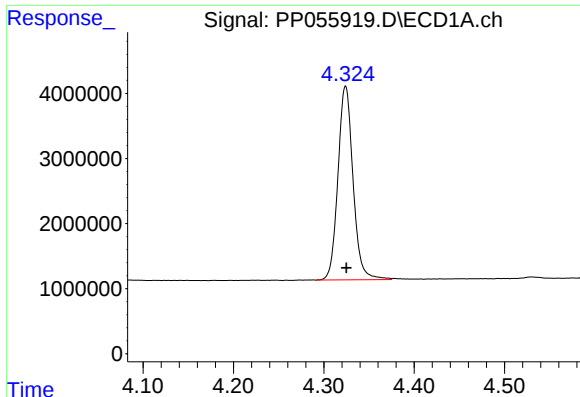
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:31:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.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	8.670	7.545	99577	336037	0.373	2.197 #
43) L9	AR-1268-3	8.897	0.000	73559	0	0.313	N.D. #
44) L9	AR-1268-4	9.328	8.021f	29778	19154	0.302	0.348
45) L9	AR-1268-5	9.734	8.342f	197282	231739	0.262	0.575 #

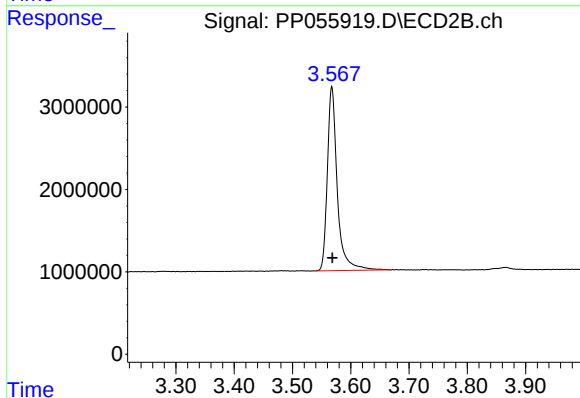
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

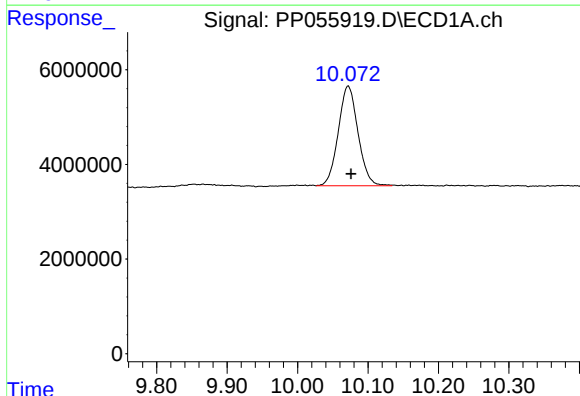
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 34615463
Conc: 21.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



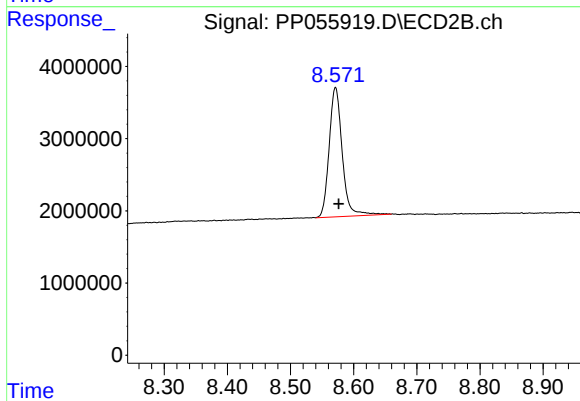
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: -0.001 min
Response: 26547270
Conc: 18.18 ng/ml



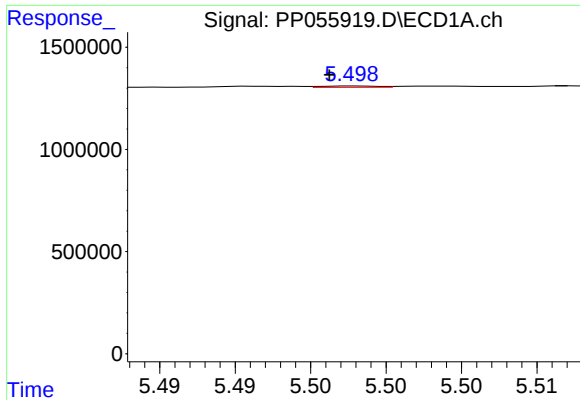
#2 Decachlorobiphenyl

R.T.: 10.072 min
Delta R.T.: -0.004 min
Response: 41133251
Conc: 20.16 ng/ml



#2 Decachlorobiphenyl

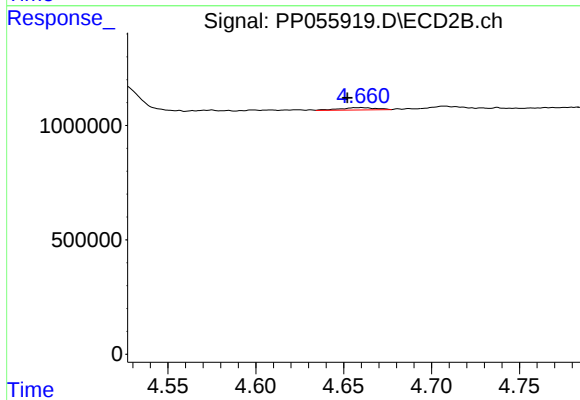
R.T.: 8.571 min
Delta R.T.: -0.005 min
Response: 25759891
Conc: 22.71 ng/ml



#3 AR-1016-1

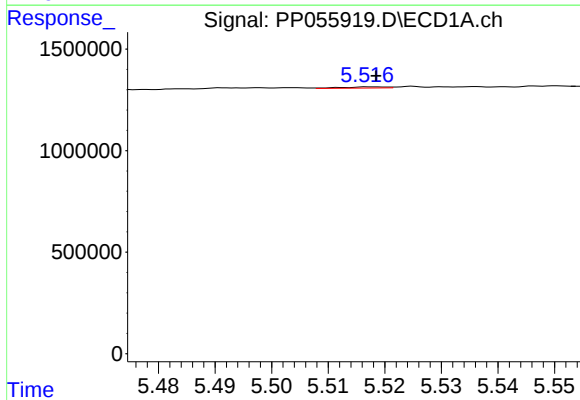
R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 17162
Conc: 0.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



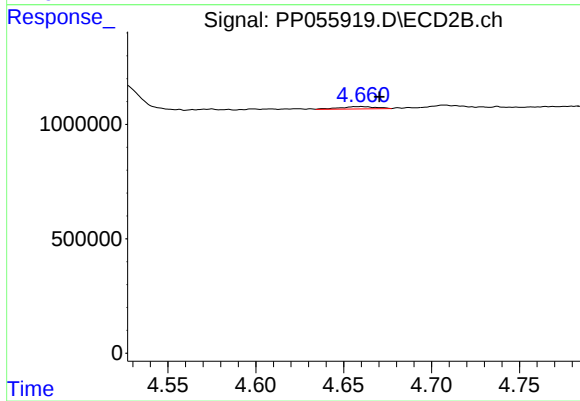
#3 AR-1016-1

R.T.: 4.660 min
Delta R.T.: 0.008 min
Response: 147717
Conc: 3.28 ng/ml



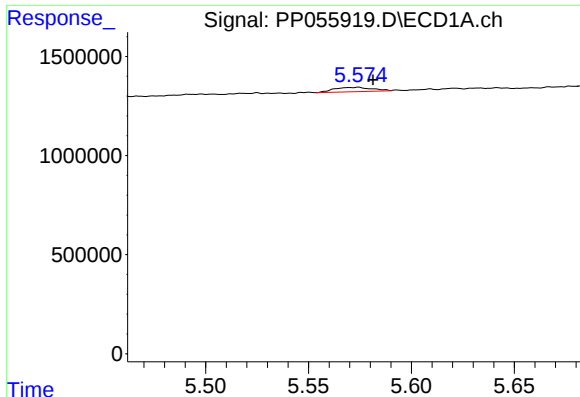
#4 AR-1016-2

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 33708
Conc: 0.39 ng/ml



#4 AR-1016-2

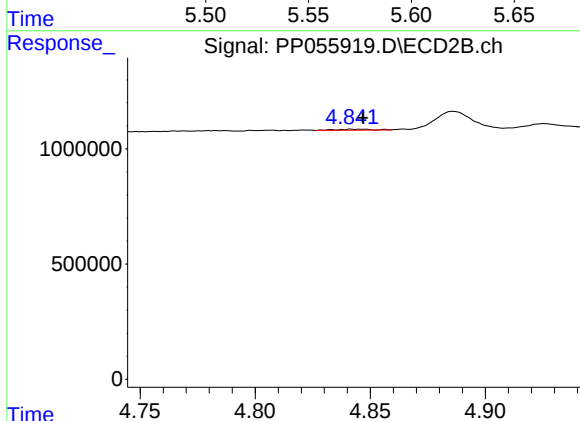
R.T.: 4.660 min
Delta R.T.: -0.010 min
Response: 147717
Conc: 2.27 ng/ml



#5 AR-1016-3

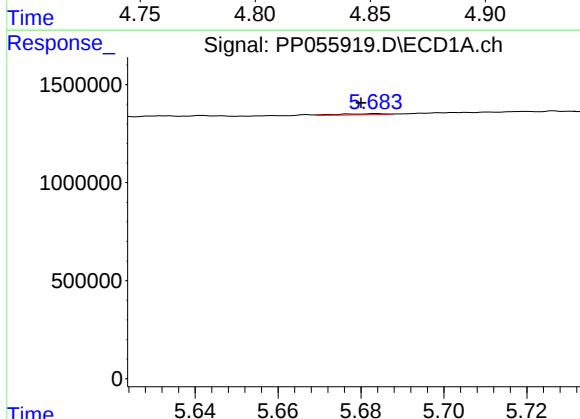
R.T.: 5.574 min
Delta R.T.: -0.007 min
Response: 292844
Conc: 5.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



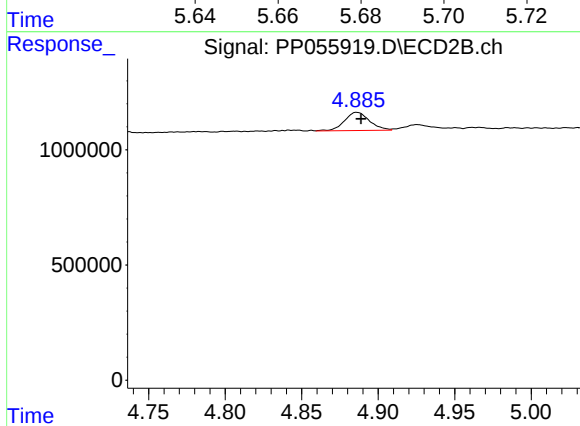
#5 AR-1016-3

R.T.: 4.842 min
Delta R.T.: -0.004 min
Response: 47011
Conc: 1.35 ng/ml



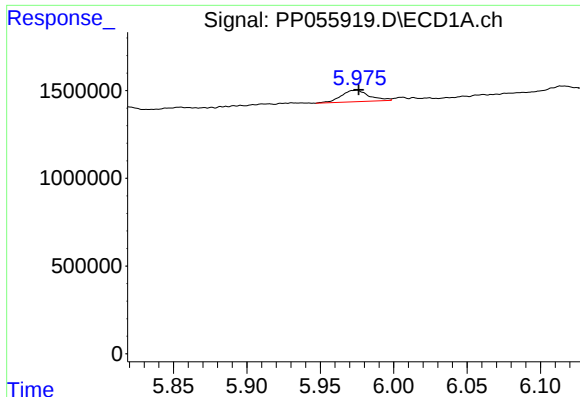
#6 AR-1016-4

R.T.: 5.684 min
Delta R.T.: 0.004 min
Response: 43490
Conc: 0.98 ng/ml



#6 AR-1016-4

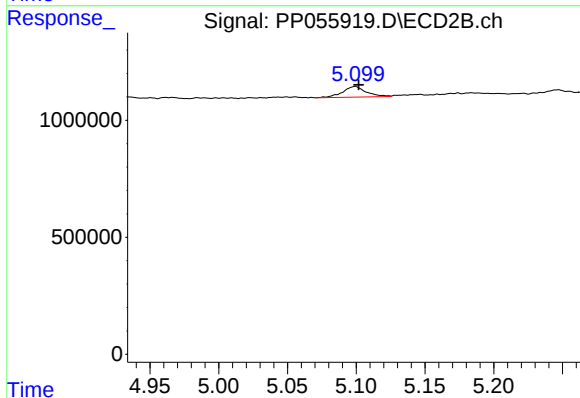
R.T.: 4.886 min
Delta R.T.: -0.003 min
Response: 899846
Conc: 30.10 ng/ml



#7 AR-1016-5

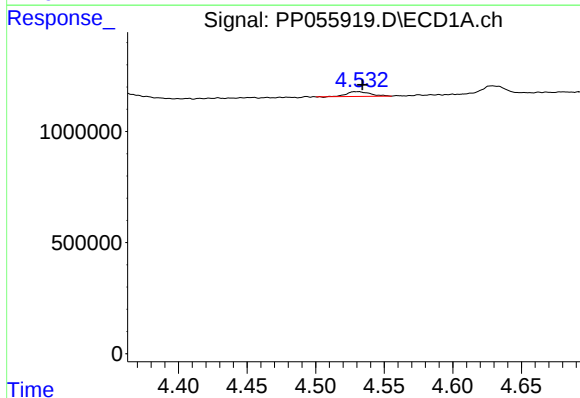
R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 866885
Conc: 17.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



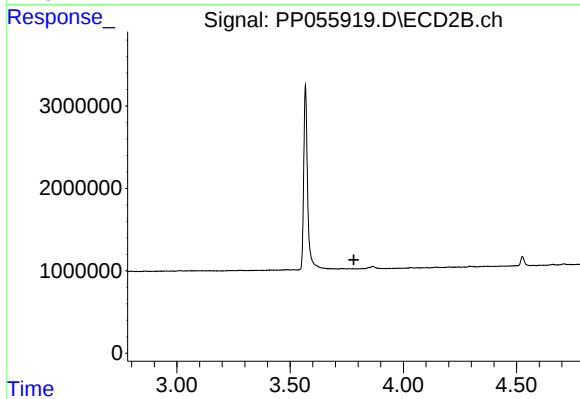
#7 AR-1016-5

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 544618
Conc: 13.78 ng/ml



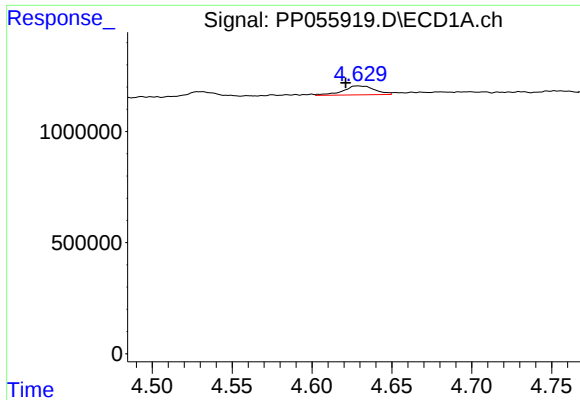
#8 AR-1221-1

R.T.: 4.531 min
Delta R.T.: -0.003 min
Response: 261101
Conc: 12.54 ng/ml



#8 AR-1221-1

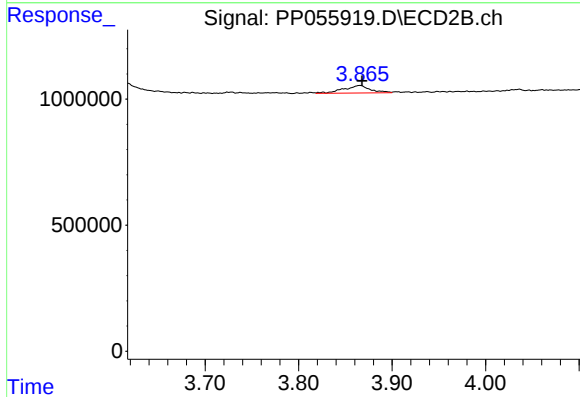
R.T.: 0.000 min
Exp R.T. : 3.782 min
Response: 0
Conc: N.D.



#9 AR-1221-2

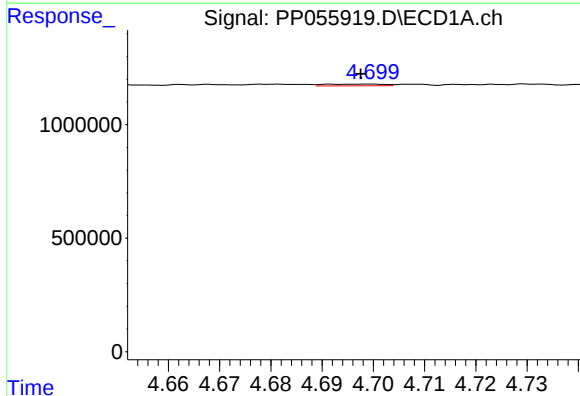
R.T.: 4.629 min
Delta R.T.: 0.008 min
Response: 551105
Conc: 34.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



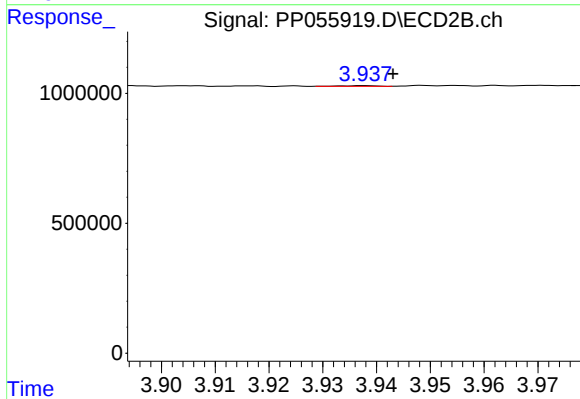
#9 AR-1221-2

R.T.: 3.866 min
Delta R.T.: -0.002 min
Response: 591550
Conc: 45.04 ng/ml



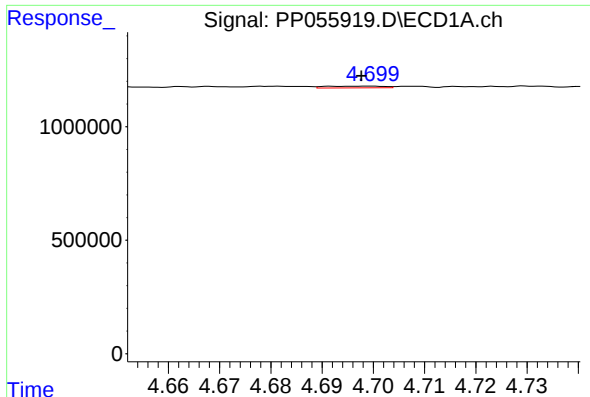
#10 AR-1221-3

R.T.: 4.699 min
Delta R.T.: 0.002 min
Response: 62567
Conc: 1.29 ng/ml



#10 AR-1221-3

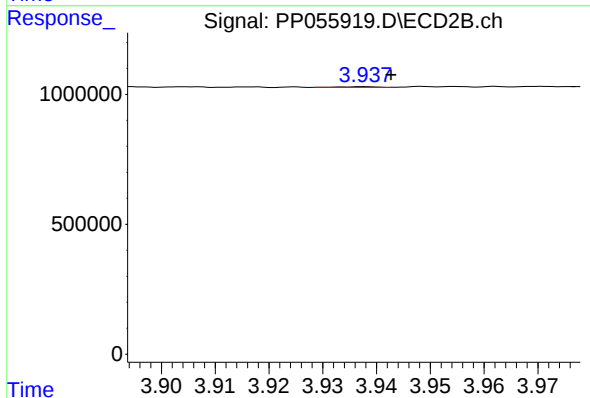
R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 12134
Conc: 0.29 ng/ml



#11 AR-1232-1

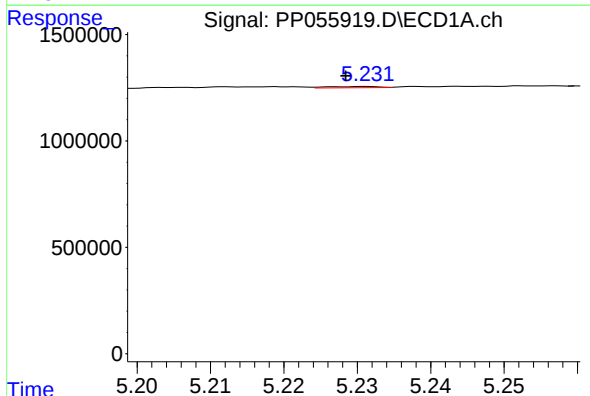
R.T.: 4.699 min
Delta R.T.: 0.002 min
Response: 62567
Conc: 1.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



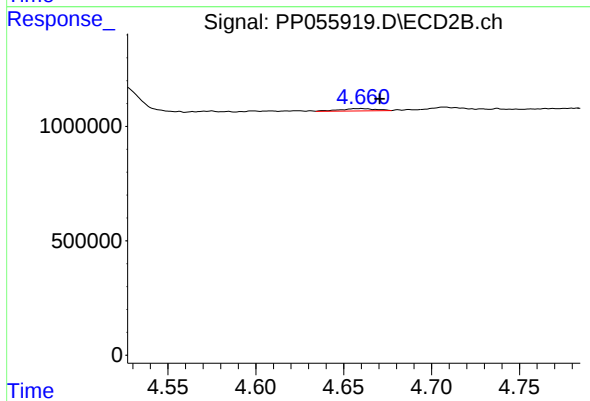
#11 AR-1232-1

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 12134
Conc: 0.35 ng/ml



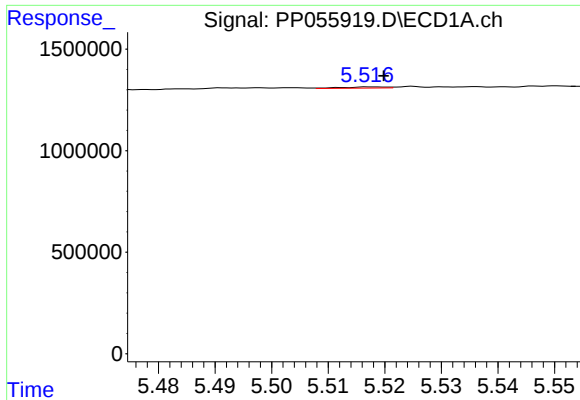
#12 AR-1232-2

R.T.: 5.231 min
Delta R.T.: 0.003 min
Response: 26733
Conc: 1.29 ng/ml



#12 AR-1232-2

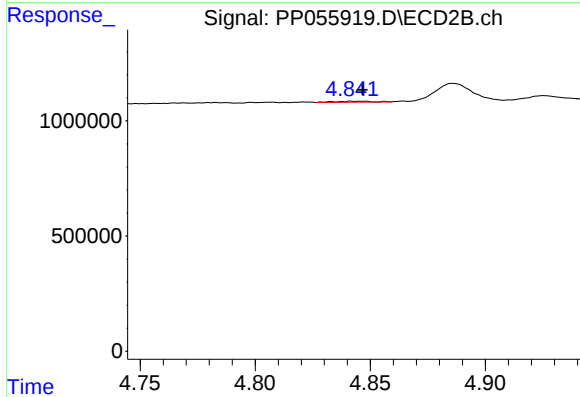
R.T.: 4.660 min
Delta R.T.: -0.011 min
Response: 147717
Conc: 5.03 ng/ml



#13 AR-1232-3

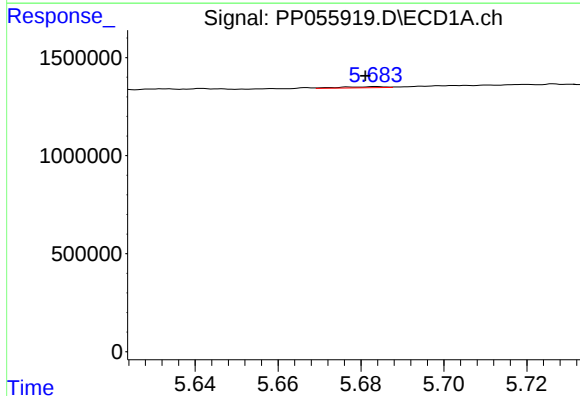
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 33708
Conc: 0.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



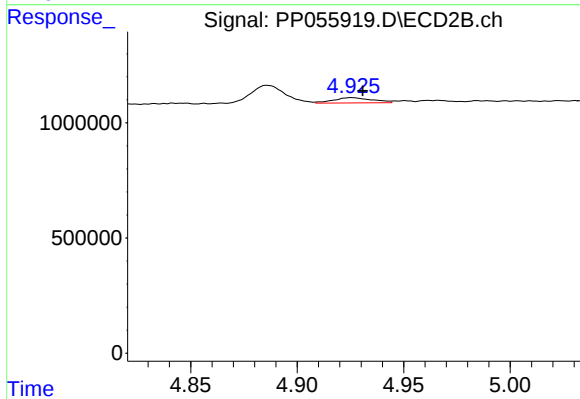
#13 AR-1232-3

R.T.: 4.842 min
Delta R.T.: -0.004 min
Response: 47011
Conc: 3.09 ng/ml



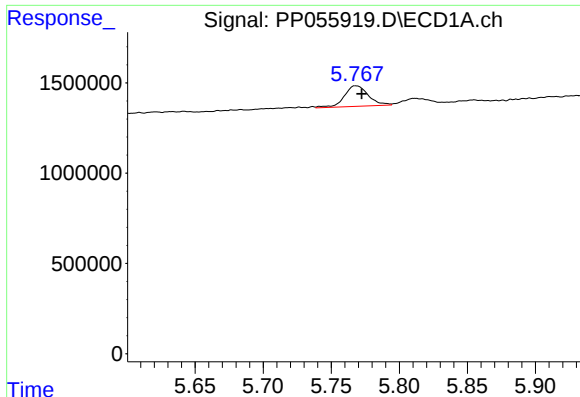
#14 AR-1232-4

R.T.: 5.684 min
Delta R.T.: 0.003 min
Response: 43490
Conc: 2.22 ng/ml



#14 AR-1232-4

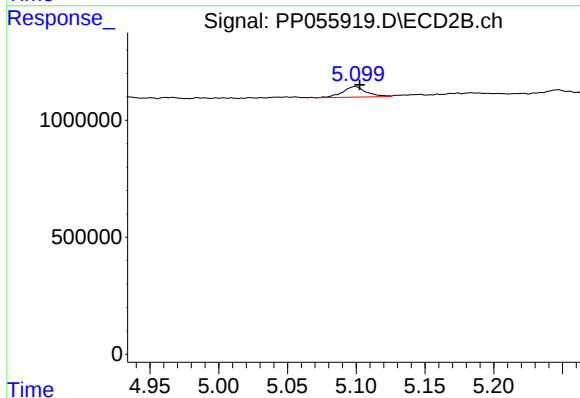
R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 287239
Conc: 18.95 ng/ml



#15 AR-1232-5

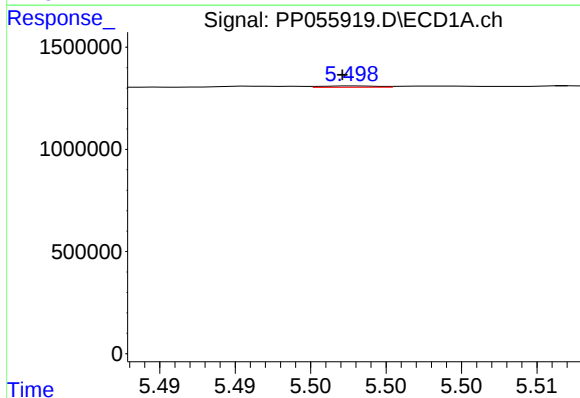
R.T.: 5.768 min
Delta R.T.: -0.005 min
Response: 1399493
Conc: 87.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



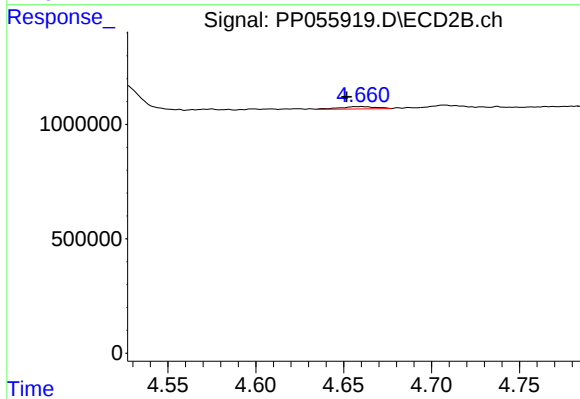
#15 AR-1232-5

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 544618
Conc: 33.23 ng/ml



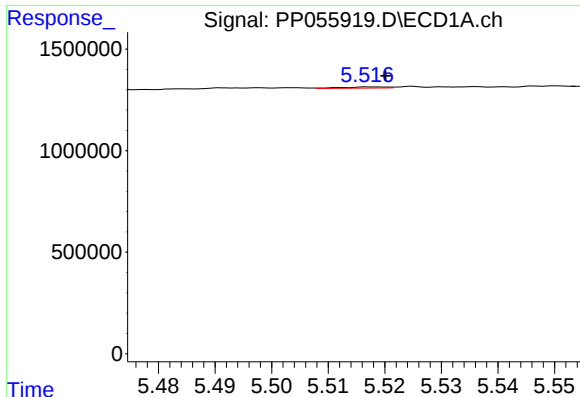
#16 AR-1242-1

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 17162
Conc: 0.36 ng/ml



#16 AR-1242-1

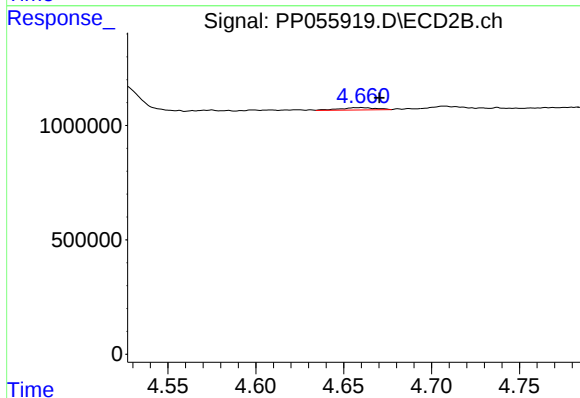
R.T.: 4.660 min
Delta R.T.: 0.008 min
Response: 147717
Conc: 4.01 ng/ml



#17 AR-1242-2

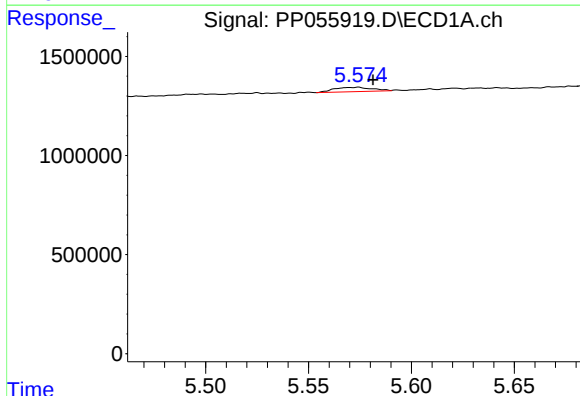
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 33708
Conc: 0.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



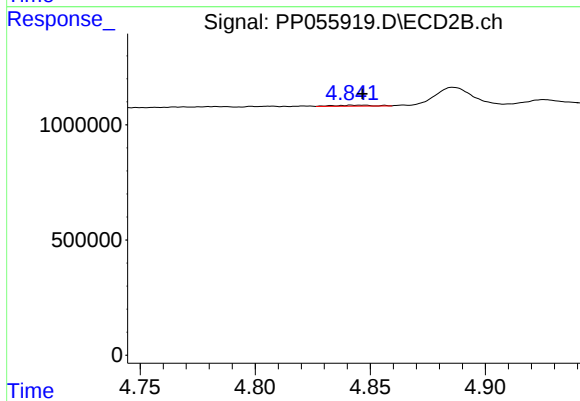
#17 AR-1242-2

R.T.: 4.660 min
Delta R.T.: -0.010 min
Response: 147717
Conc: 2.80 ng/ml



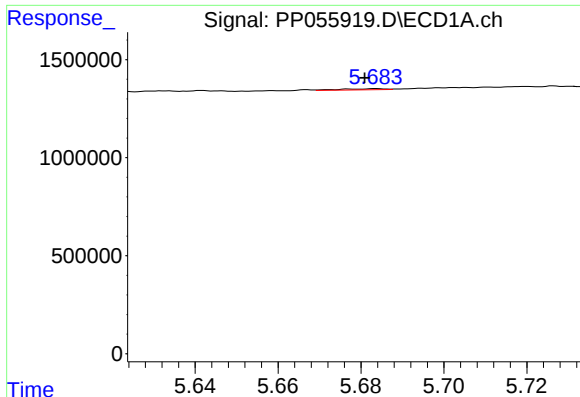
#18 AR-1242-3

R.T.: 5.574 min
Delta R.T.: -0.007 min
Response: 292844
Conc: 6.56 ng/ml



#18 AR-1242-3

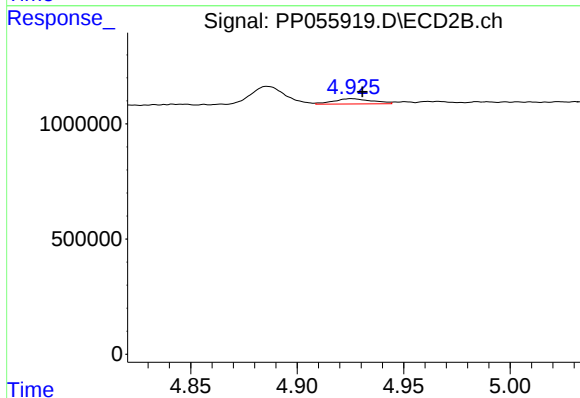
R.T.: 4.842 min
Delta R.T.: -0.004 min
Response: 47011
Conc: 1.66 ng/ml



#19 AR-1242-4

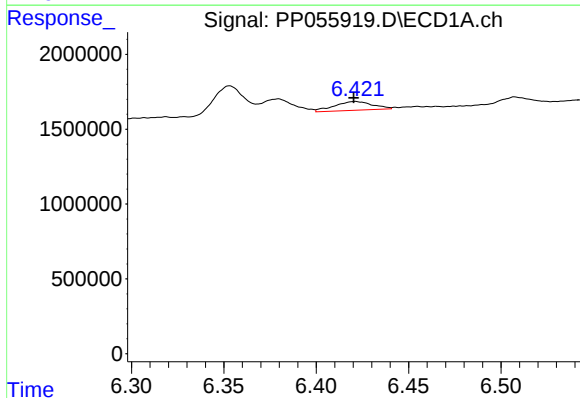
R.T.: 5.684 min
Delta R.T.: 0.003 min
Response: 43490
Conc: 1.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



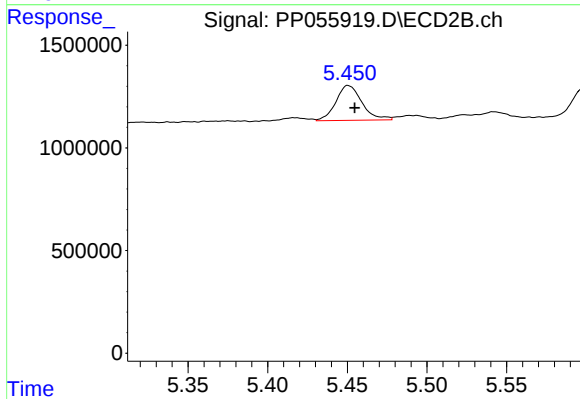
#19 AR-1242-4

R.T.: 4.926 min
Delta R.T.: -0.005 min
Response: 287239
Conc: 9.31 ng/ml



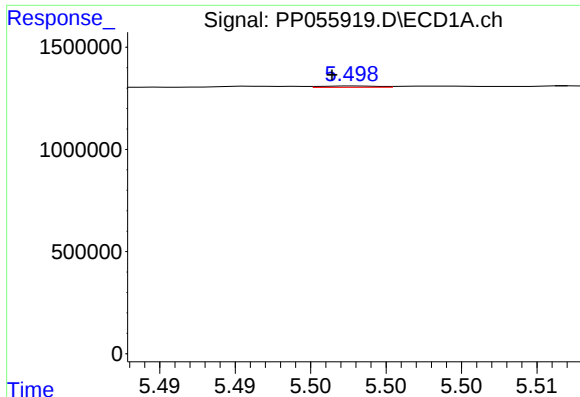
#20 AR-1242-5

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 850265
Conc: 20.30 ng/ml



#20 AR-1242-5

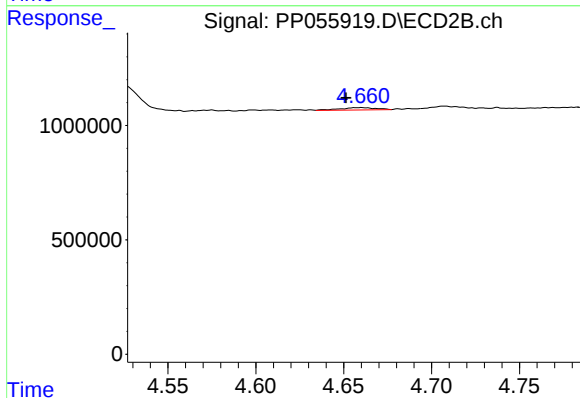
R.T.: 5.451 min
Delta R.T.: -0.004 min
Response: 1932962
Conc: 58.03 ng/ml



#21 AR-1248-1

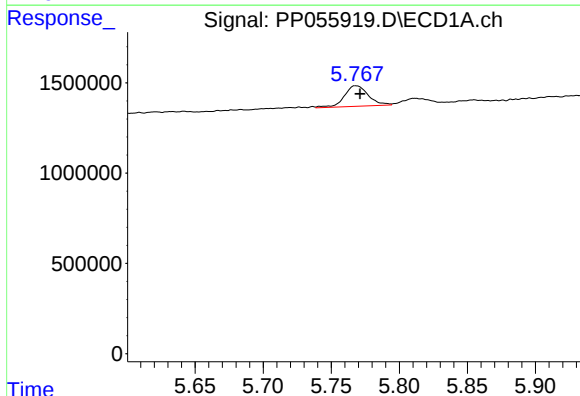
R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 17162
Conc: 0.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



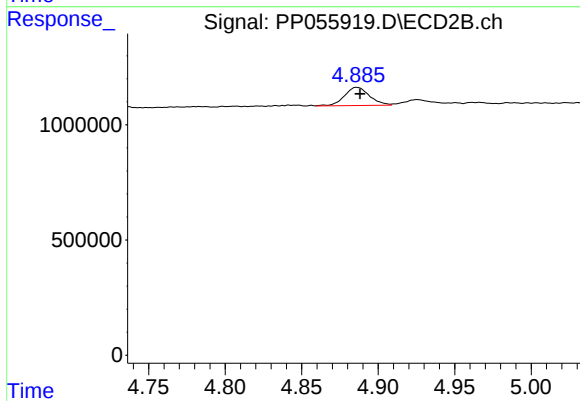
#21 AR-1248-1

R.T.: 4.660 min
Delta R.T.: 0.009 min
Response: 147717
Conc: 5.29 ng/ml



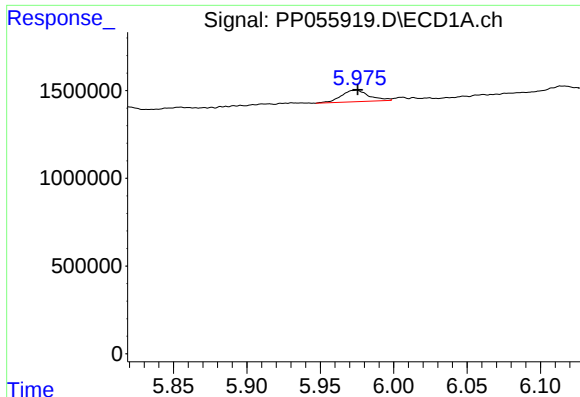
#22 AR-1248-2

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 1399493
Conc: 24.32 ng/ml



#22 AR-1248-2

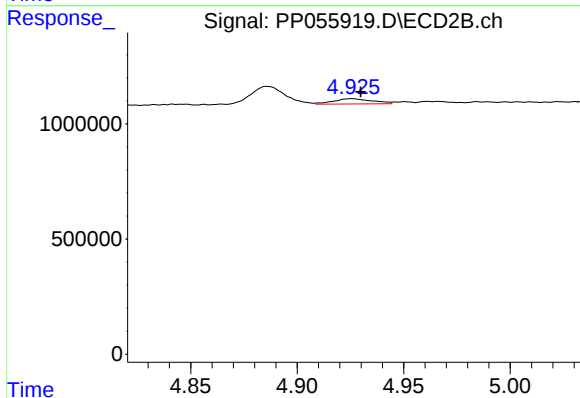
R.T.: 4.886 min
Delta R.T.: -0.002 min
Response: 899846
Conc: 21.15 ng/ml



#23 AR-1248-3

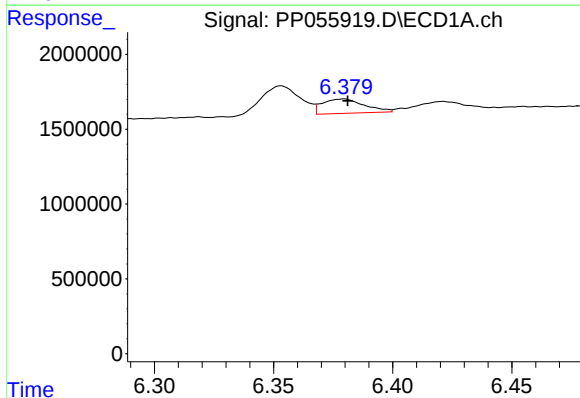
R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 866885
Conc: 13.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



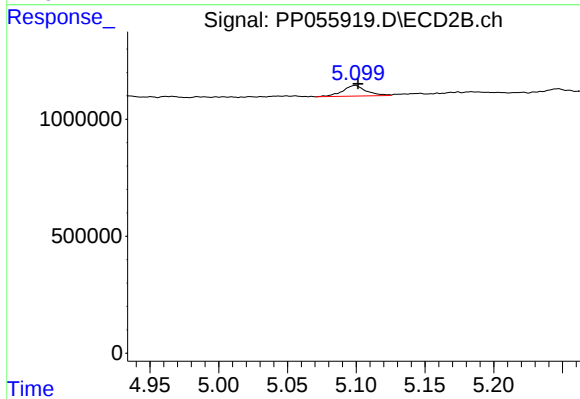
#23 AR-1248-3

R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 287239
Conc: 6.45 ng/ml



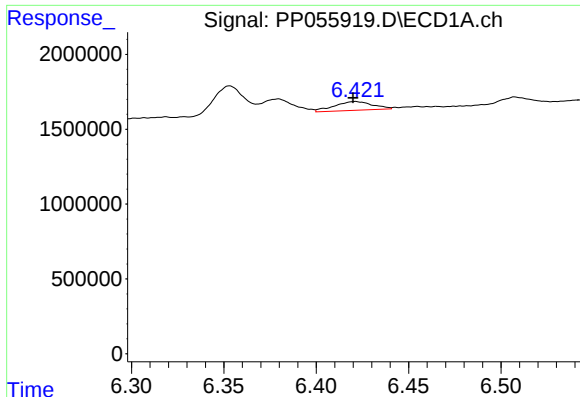
#24 AR-1248-4

R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 1181924
Conc: 16.29 ng/ml



#24 AR-1248-4

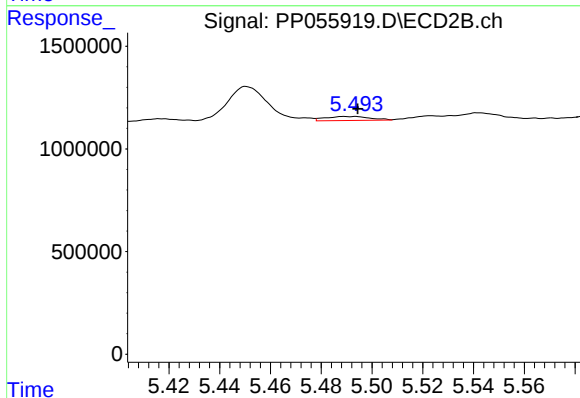
R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 544618
Conc: 10.64 ng/ml



#25 AR-1248-5

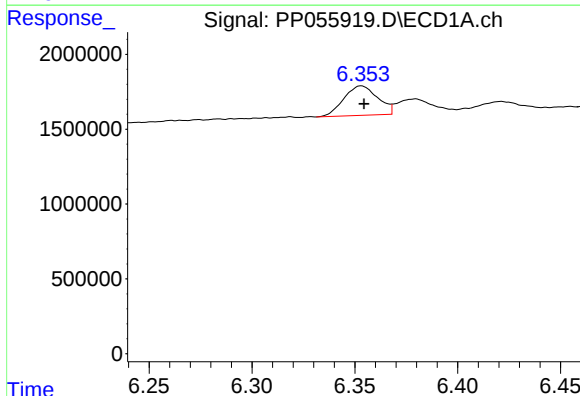
R.T.: 6.421 min
Delta R.T.: 0.001 min
Response: 850265
Conc: 12.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



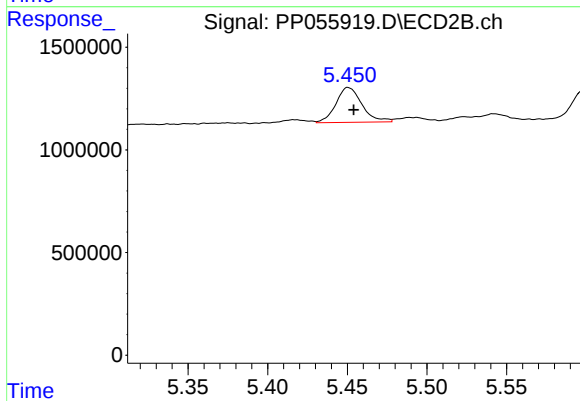
#25 AR-1248-5

R.T.: 5.493 min
Delta R.T.: -0.001 min
Response: 239465
Conc: 5.43 ng/ml



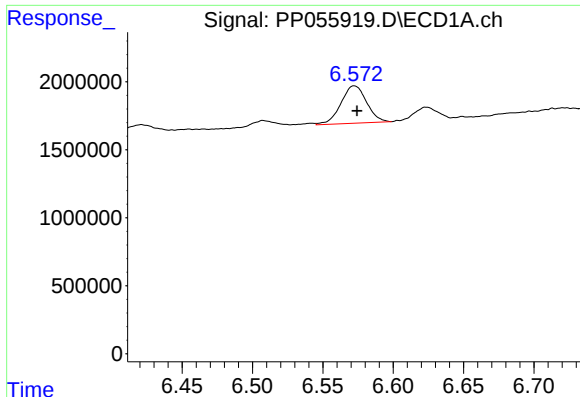
#26 AR-1254-1

R.T.: 6.353 min
Delta R.T.: -0.001 min
Response: 2256700
Conc: 30.69 ng/ml



#26 AR-1254-1

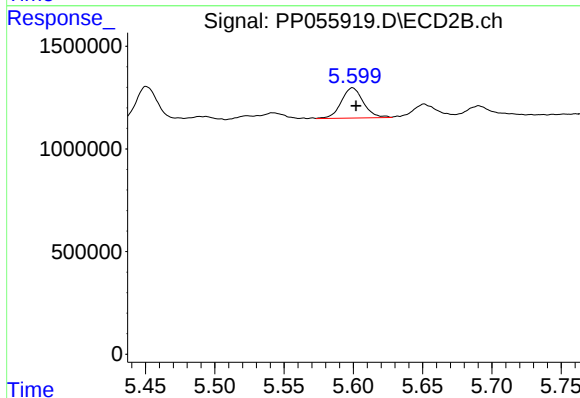
R.T.: 5.451 min
Delta R.T.: -0.003 min
Response: 1932962
Conc: 26.27 ng/ml



#27 AR-1254-2

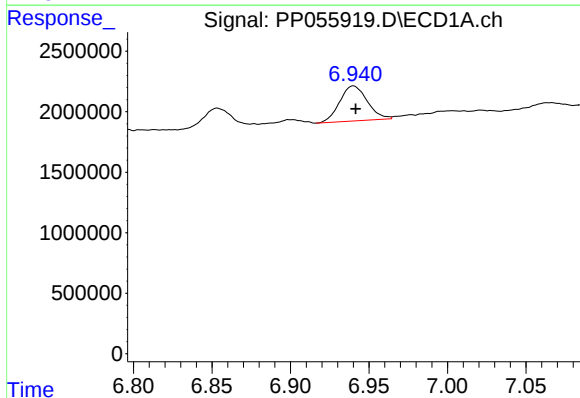
R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 3505390
Conc: 30.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



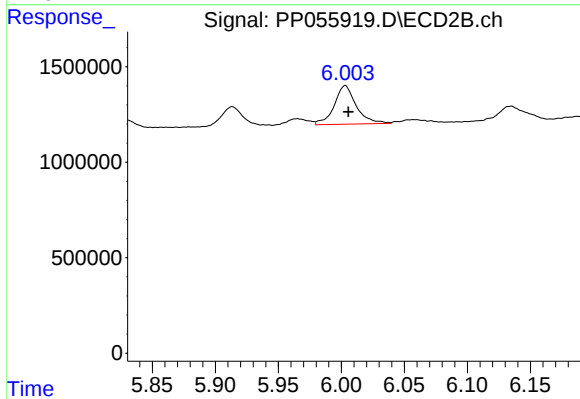
#27 AR-1254-2

R.T.: 5.599 min
Delta R.T.: -0.002 min
Response: 1641643
Conc: 26.09 ng/ml



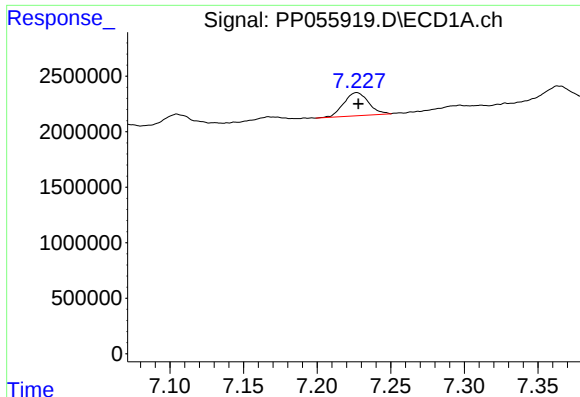
#28 AR-1254-3

R.T.: 6.940 min
Delta R.T.: -0.001 min
Response: 3529819
Conc: 28.68 ng/ml



#28 AR-1254-3

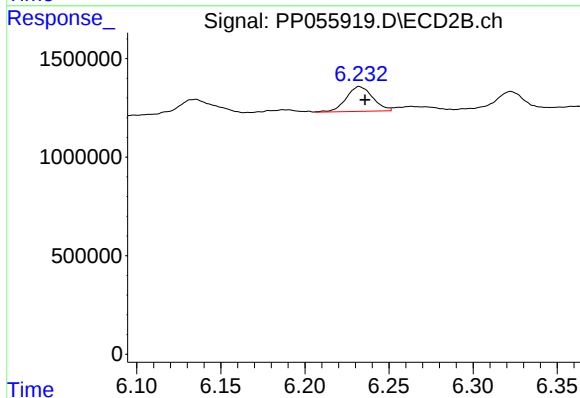
R.T.: 6.003 min
Delta R.T.: -0.003 min
Response: 2472840
Conc: 25.21 ng/ml



#29 AR-1254-4

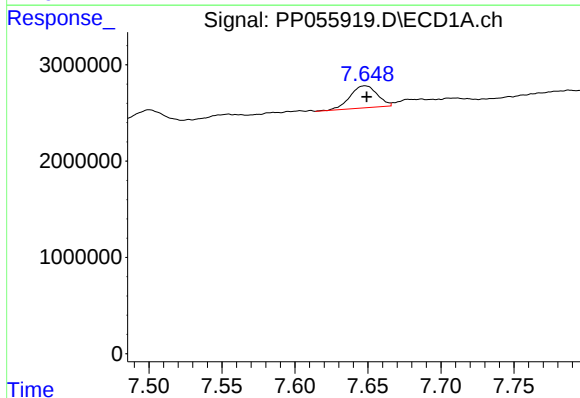
R.T.: 7.227 min
Delta R.T.: -0.001 min
Response: 2457812
Conc: 26.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



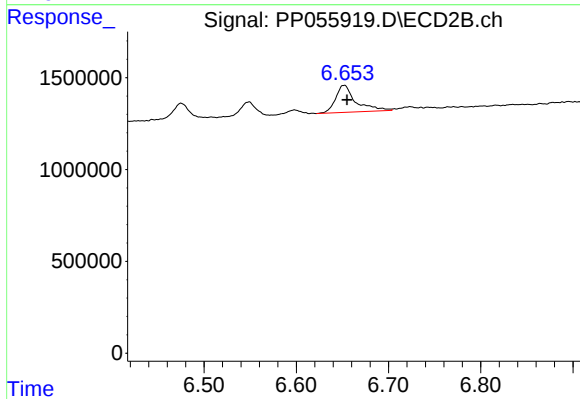
#29 AR-1254-4

R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 1379687
Conc: 25.06 ng/ml



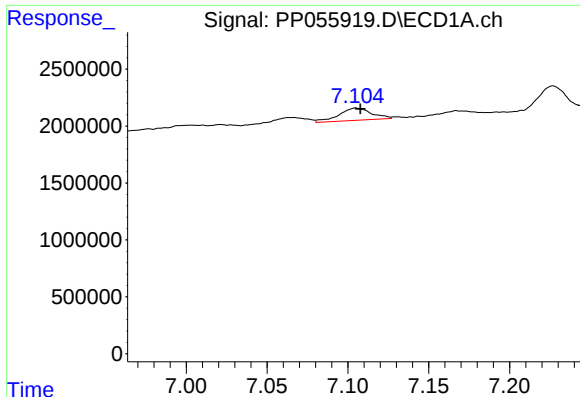
#30 AR-1254-5

R.T.: 7.648 min
Delta R.T.: -0.001 min
Response: 2953978
Conc: 28.11 ng/ml



#30 AR-1254-5

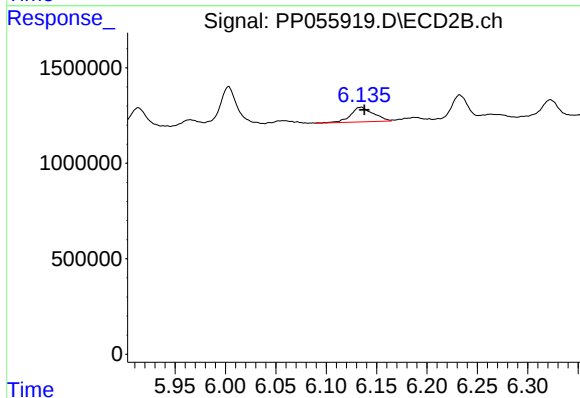
R.T.: 6.652 min
Delta R.T.: -0.003 min
Response: 2237738
Conc: 27.54 ng/ml



#31 AR-1260-1

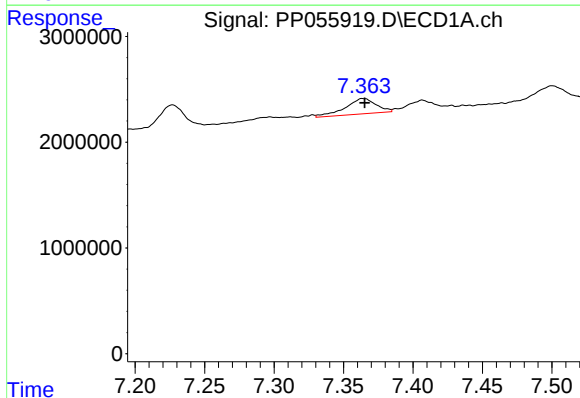
R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 1520077
Conc: 14.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



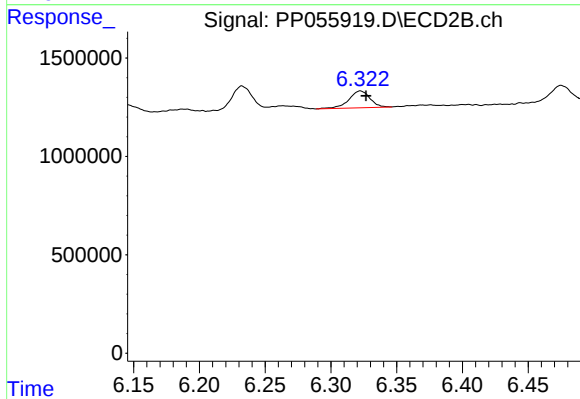
#31 AR-1260-1

R.T.: 6.135 min
Delta R.T.: -0.003 min
Response: 1195834
Conc: 16.40 ng/ml



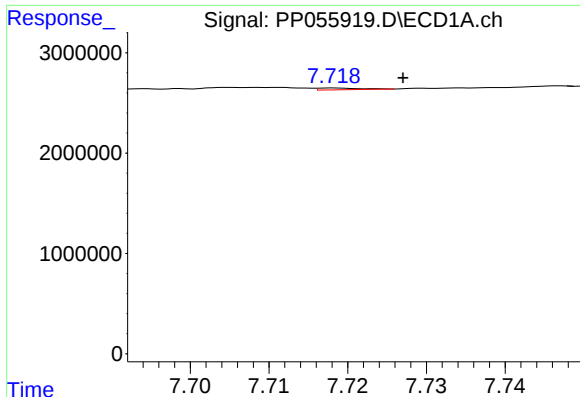
#32 AR-1260-2

R.T.: 7.363 min
Delta R.T.: -0.002 min
Response: 2237160
Conc: 17.79 ng/ml



#32 AR-1260-2

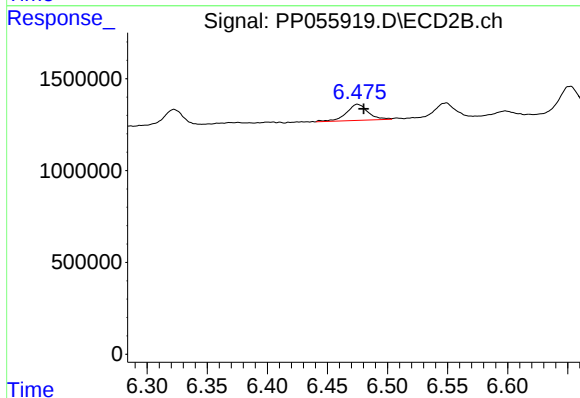
R.T.: 6.322 min
Delta R.T.: -0.004 min
Response: 963650
Conc: 11.81 ng/ml



#33 AR-1260-3

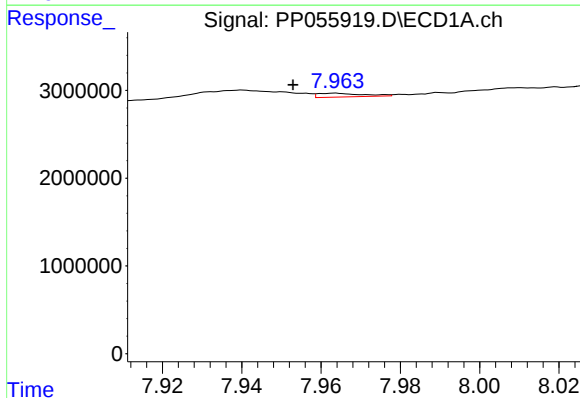
R.T.: 7.718 min
Delta R.T.: -0.009 min
Response: 64872
Conc: 0.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



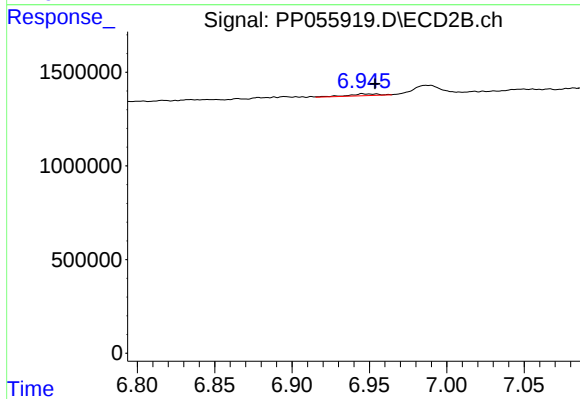
#33 AR-1260-3

R.T.: 6.475 min
Delta R.T.: -0.005 min
Response: 1103954
Conc: 13.06 ng/ml



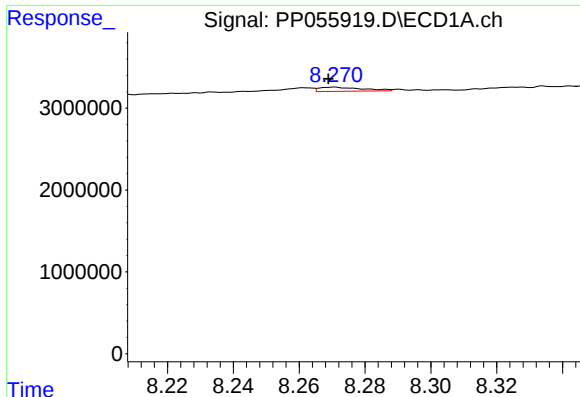
#34 AR-1260-4

R.T.: 7.964 min
Delta R.T.: 0.011 min
Response: 338195
Conc: 3.15 ng/ml



#34 AR-1260-4

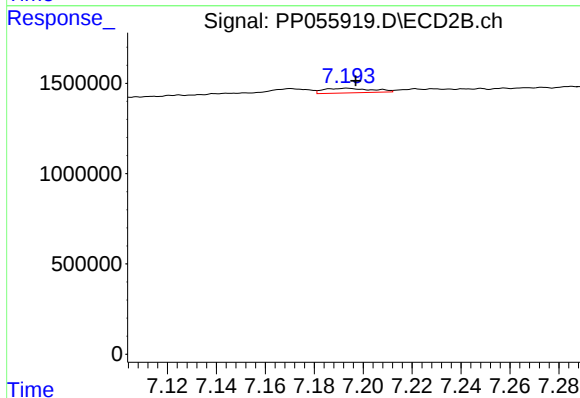
R.T.: 6.946 min
Delta R.T.: -0.008 min
Response: 124758
Conc: 1.95 ng/ml



#35 AR-1260-5

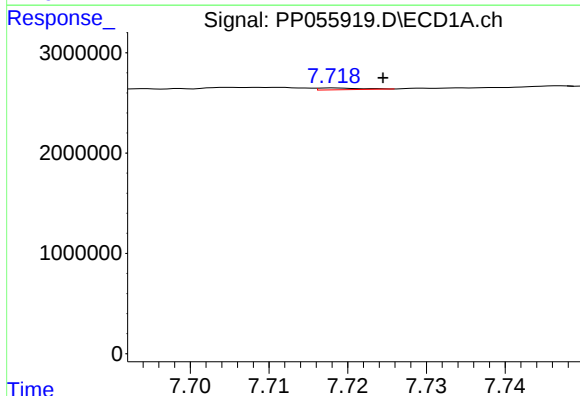
R.T.: 8.271 min
Delta R.T.: 0.002 min
Response: 452645
Conc: 2.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



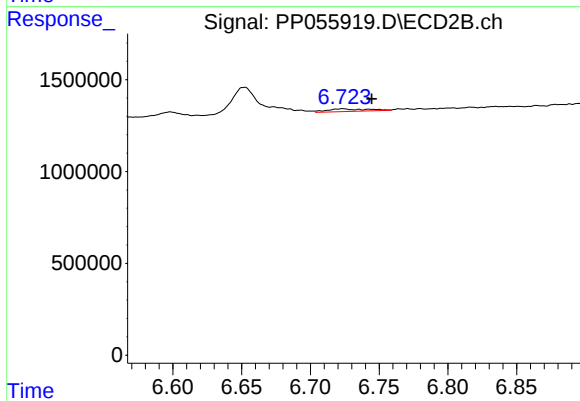
#35 AR-1260-5

R.T.: 7.193 min
Delta R.T.: -0.003 min
Response: 347960
Conc: 2.57 ng/ml



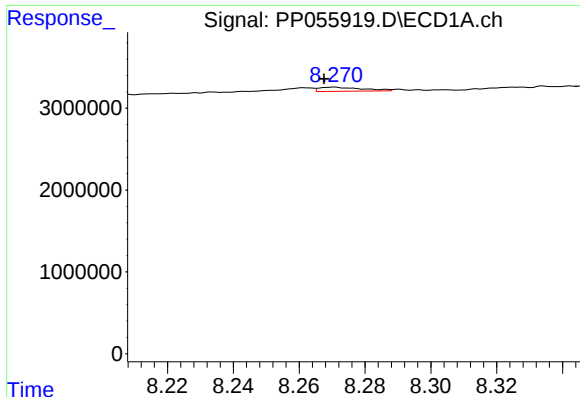
#36 AR-1262-1

R.T.: 7.718 min
Delta R.T.: -0.006 min
Response: 64872
Conc: 0.55 ng/ml



#36 AR-1262-1

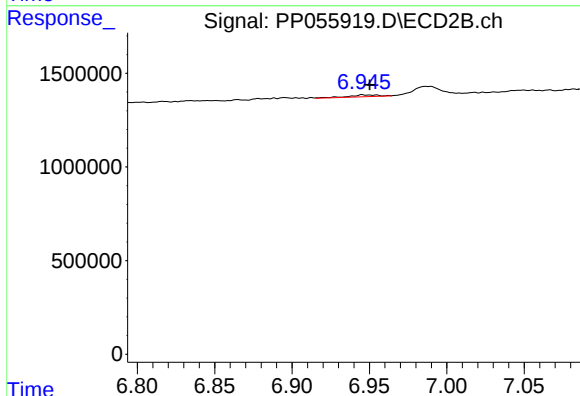
R.T.: 6.724 min
Delta R.T.: -0.021 min
Response: 287782
Conc: 8.16 ng/ml



#37 AR-1262-2

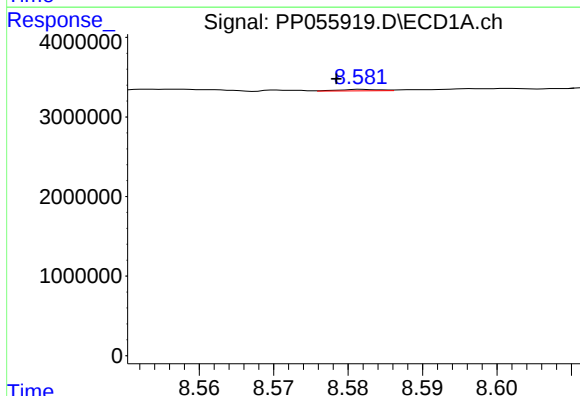
R.T.: 8.271 min
Delta R.T.: 0.003 min
Response: 452645
Conc: 2.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



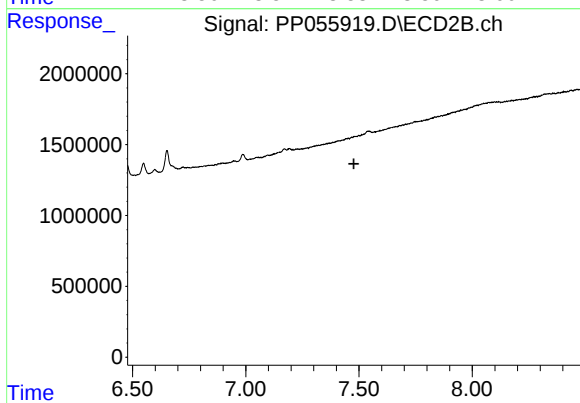
#37 AR-1262-2

R.T.: 6.946 min
Delta R.T.: -0.005 min
Response: 124758
Conc: 1.68 ng/ml



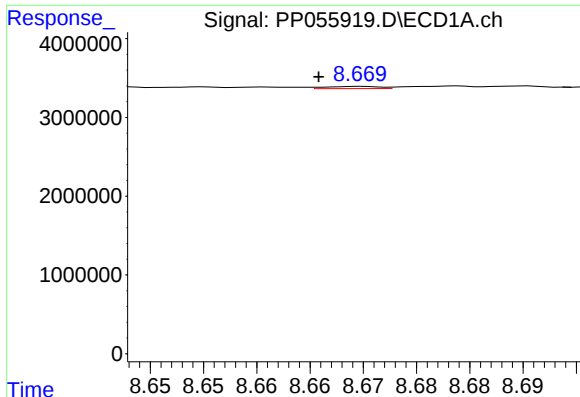
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.004 min
Response: 69351
Conc: 0.45 ng/ml



#38 AR-1262-3

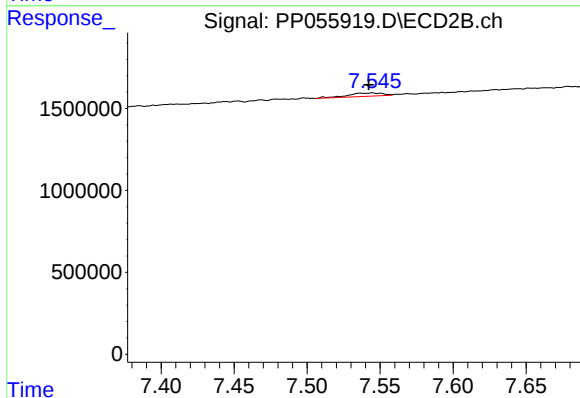
R.T.: 7.469 min
Delta R.T.: -0.009 min
Response: -1567
Conc: N.D.



#39 AR-1262-4

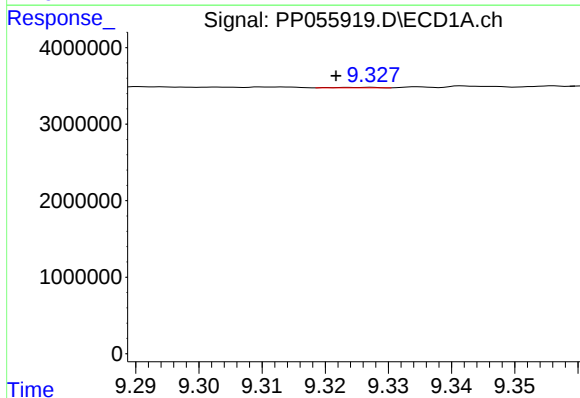
R.T.: 8.670 min
Delta R.T.: 0.004 min
Response: 99577
Conc: 1.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



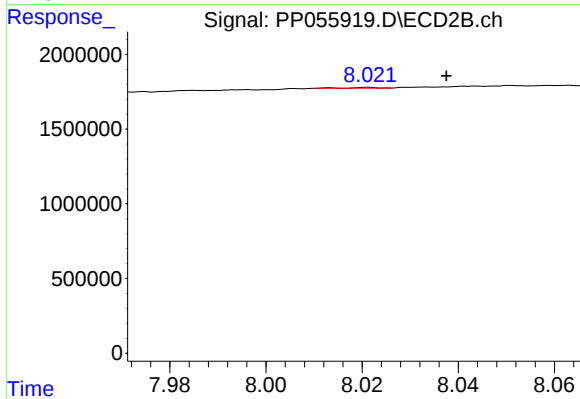
#39 AR-1262-4

R.T.: 7.545 min
Delta R.T.: 0.003 min
Response: 336037
Conc: 3.31 ng/ml



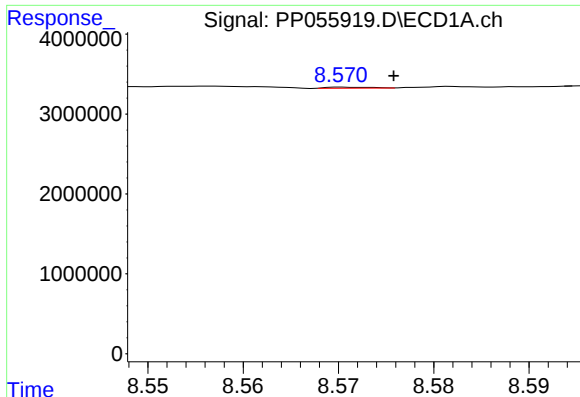
#40 AR-1262-5

R.T.: 9.328 min
Delta R.T.: 0.006 min
Response: 29778
Conc: 0.36 ng/ml



#40 AR-1262-5

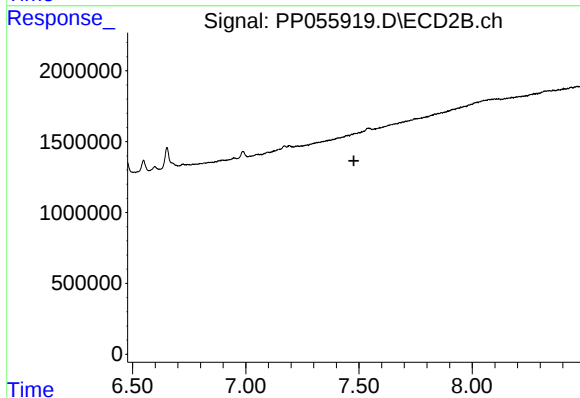
R.T.: 8.021 min
Delta R.T.: -0.016 min
Response: 19154
Conc: 0.42 ng/ml



#41 AR-1268-1

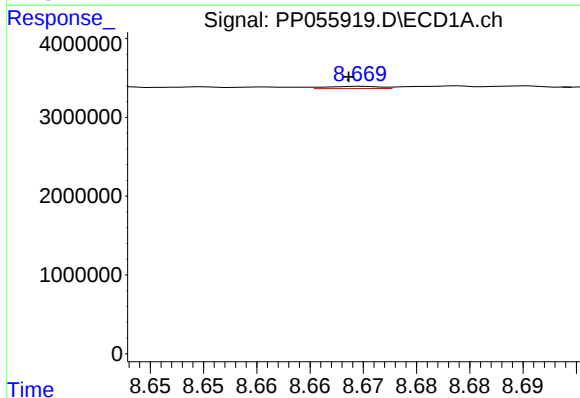
R.T.: 8.571 min
Delta R.T.: -0.005 min
Response: 44492
Conc: 0.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



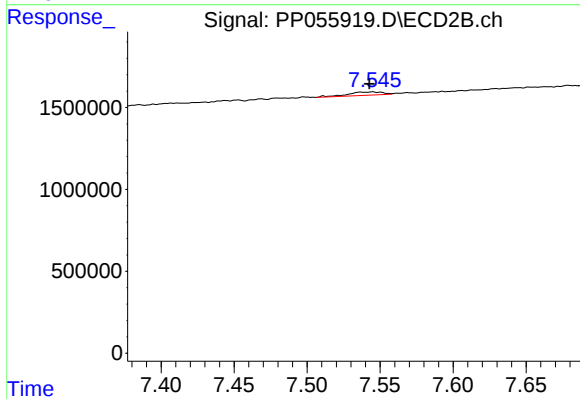
#41 AR-1268-1

R.T.: 7.469 min
Delta R.T.: -0.009 min
Response: -1567
Conc: N.D.



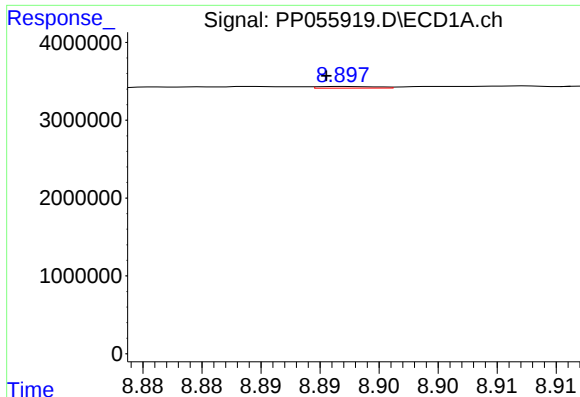
#42 AR-1268-2

R.T.: 8.670 min
Delta R.T.: 0.001 min
Response: 99577
Conc: 0.37 ng/ml



#42 AR-1268-2

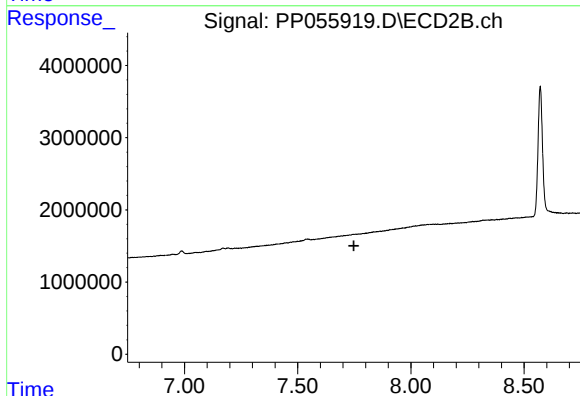
R.T.: 7.545 min
Delta R.T.: 0.002 min
Response: 336037
Conc: 2.20 ng/ml



#43 AR-1268-3

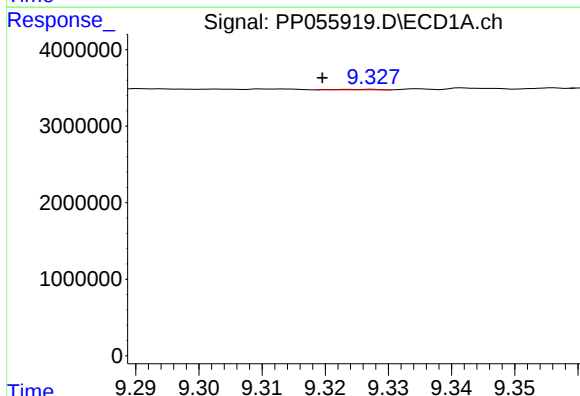
R.T.: 8.897 min
Delta R.T.: 0.002 min
Response: 73559
Conc: 0.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



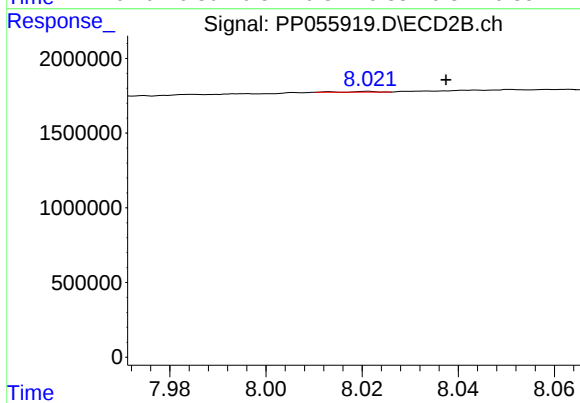
#43 AR-1268-3

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



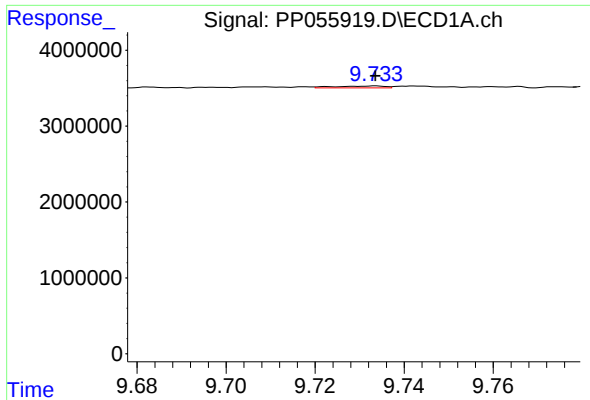
#44 AR-1268-4

R.T.: 9.328 min
Delta R.T.: 0.008 min
Response: 29778
Conc: 0.30 ng/ml



#44 AR-1268-4

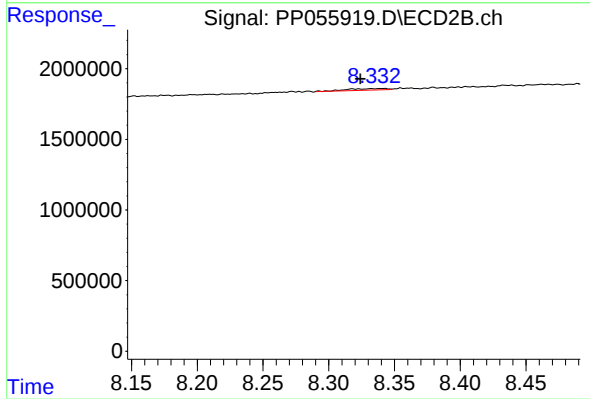
R.T.: 8.021 min
Delta R.T.: -0.016 min
Response: 19154
Conc: 0.35 ng/ml



#45 AR-1268-5

R.T.: 9.734 min
Delta R.T.: 0.000 min
Response: 197282
Conc: 0.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.342 min
Delta R.T.: 0.018 min
Response: 231739
Conc: 0.57 ng/ml