

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020623\
 Data File : PP055388.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 23:49
 Operator : YP\AJ
 Sample : 01437-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 01:37:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.328	3.575	26302395	20700220	15.127	13.789
2)	SA Decachlor...	10.080	8.582	18647722	14643744	10.769	10.843
Target Compounds							
3)	L1 AR-1016-1	5.489	4.655	2022273	1320056	30.089	26.671
4)	L1 AR-1016-2	5.518	4.679	2679330	214285	27.959	3.096 #
5)	L1 AR-1016-3	5.576	4.849	1190247	1050458	19.898	28.241 #
6)	L1 AR-1016-4	0.000	4.903	0	1557761	N.D.	49.575 #
7)	L1 AR-1016-5	5.978	5.122	631748	341609	12.467	8.355 #
8)	L2 AR-1221-1	4.533	3.798	2685948	69734	114.223	3.517 #
9)	L2 AR-1221-2	4.639	3.856f	1333098	3815118	75.032	257.389 #
10)	L2 AR-1221-3	4.705	3.949	1025596	670902	19.060	14.871
11)	L3 AR-1232-1	4.705	3.949	1025596	670902	23.108	18.202
12)	L3 AR-1232-2	5.225	4.679	10092403	214285	446.274	6.708 #
13)	L3 AR-1232-3	5.518	4.849	2679330	1050458	61.009	63.011
14)	L3 AR-1232-4	0.000	4.928f	0	1061257	N.D.	65.810 #
15)	L3 AR-1232-5	0.000	5.122	0	341609	N.D.	19.342 #
16)	L4 AR-1242-1	5.489	4.655	2022273	1320056	36.119	32.226
17)	L4 AR-1242-2	5.518	4.679	2679330	214285	33.563	3.753 #
18)	L4 AR-1242-3	5.576	4.849	1190247	1050458	23.967	34.031 #
19)	L4 AR-1242-4	0.000	4.928f	0	1061257	N.D.	32.667 #
20)	L4 AR-1242-5	6.449f	5.463	233959	997079	5.262	26.680 #
21)	L5 AR-1248-1	5.489	4.655	2022273	1320056	48.491	42.578
22)	L5 AR-1248-2	0.000	4.903	0	1557761	N.D.	34.066 #
23)	L5 AR-1248-3	5.978	4.928	631748	1061257	9.135	22.261 #
24)	L5 AR-1248-4	6.397	5.122	5386895	341609	71.035	6.186 #
25)	L5 AR-1248-5	6.449f	0.000	233959	0	3.170	N.D. #
26)	L6 AR-1254-1	0.000	5.463	0	997079	N.D.	12.346 #
27)	L6 AR-1254-2	6.578	5.631f	277009	288439	2.289	4.031 #
28)	L6 AR-1254-3	6.954	6.032	585575	722215	4.781	6.483 #
29)	L6 AR-1254-4	7.211f	6.242	609487	1116384	6.917	18.150 #
30)	L6 AR-1254-5	7.645	6.658	430865	2554116	4.259	26.941 #
31)	L7 AR-1260-1	7.144f	6.139	541166	1189219	5.677	15.336 #
32)	L7 AR-1260-2	7.390f	6.332	87512	330757	0.778	3.679 #
34)	L7 AR-1260-4	7.938f	6.968	117384	263651	1.209	3.682 #
35)	L7 AR-1260-5	8.276	7.214	1275520	577059	7.172	3.754 #
36)	L8 AR-1262-1	0.000	6.771	0	1507378	N.D.	35.087 #
37)	L8 AR-1262-2	8.276	6.968	1275520	263651	6.333	2.846 #
38)	L8 AR-1262-3	8.574	7.499	64183	94683	0.462	1.300 #
39)	L8 AR-1262-4	8.681	7.550	901855	710312	11.730	5.431 #
40)	L8 AR-1262-5	9.331	0.000	47056	0	0.658	N.D. #
41)	L9 AR-1268-1	8.574	7.499	64183	94683	0.263	0.438 #
42)	L9 AR-1268-2	8.681	7.550	901855	710312	3.971	3.640

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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

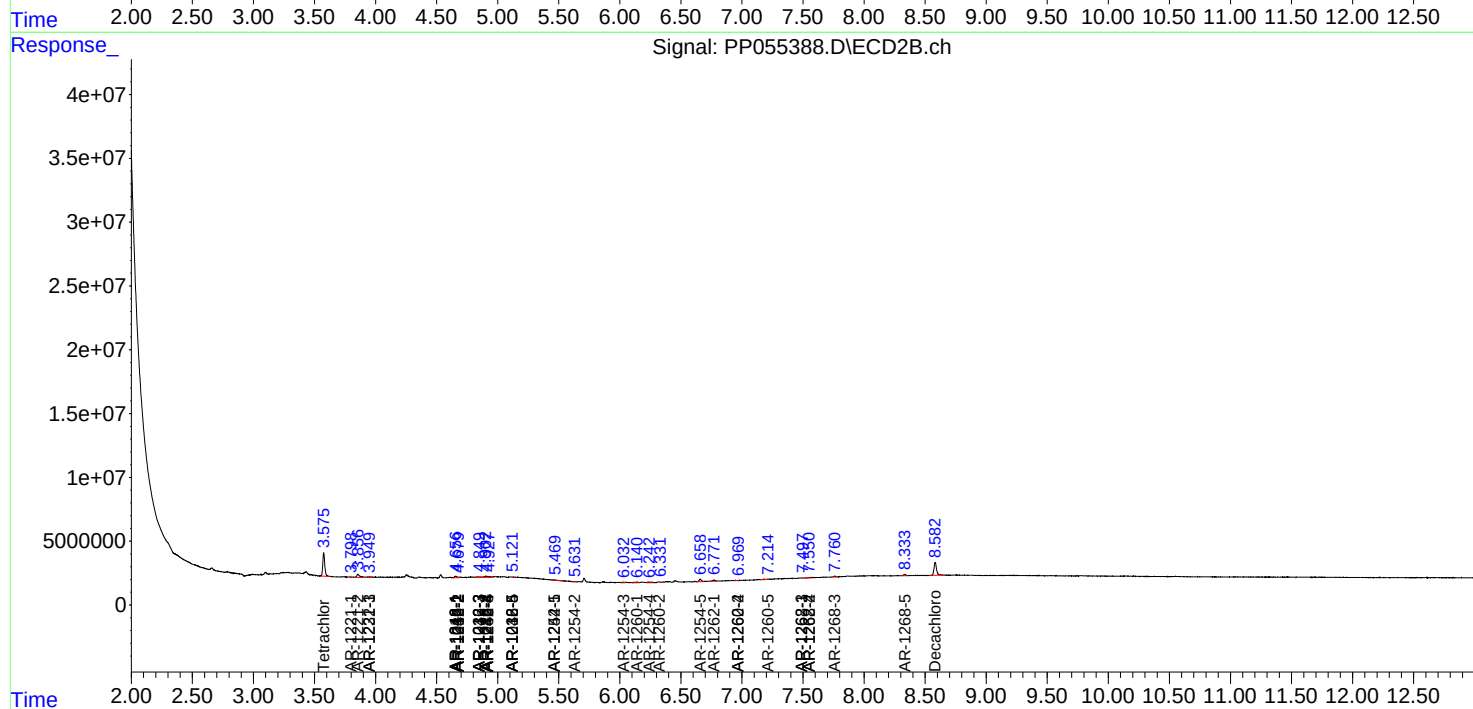
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

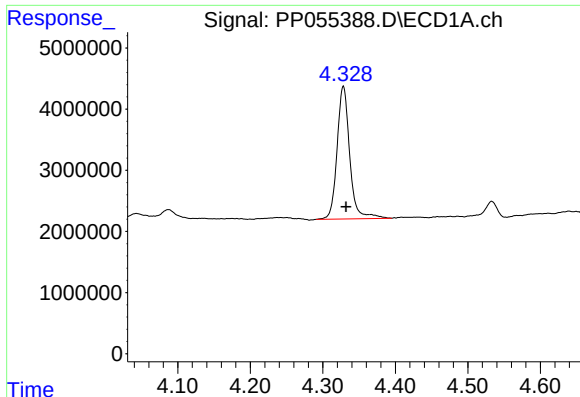
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.902	7.759	665547	459125	3.331	2.673
44) L9	AR-1268-4	9.331	0.000	47056	0	0.599	N.D. #
45) L9	AR-1268-5	9.739	8.333	1417104	1054384	2.228	2.002

(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

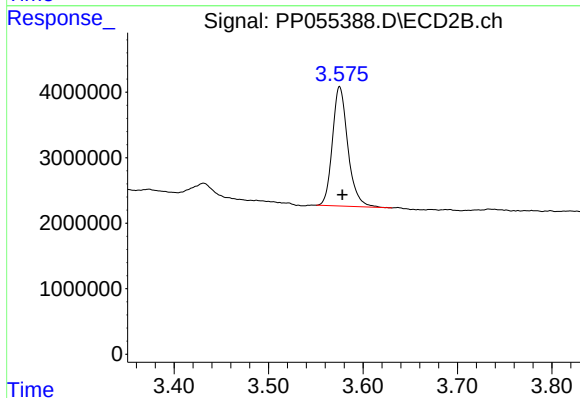




#1 Tetrachloro-m-xylene

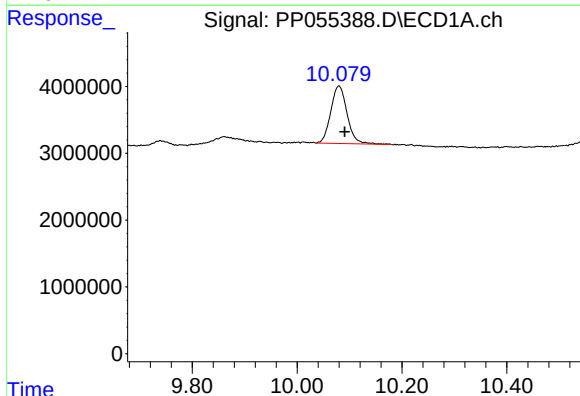
R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 26302395
Conc: 15.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



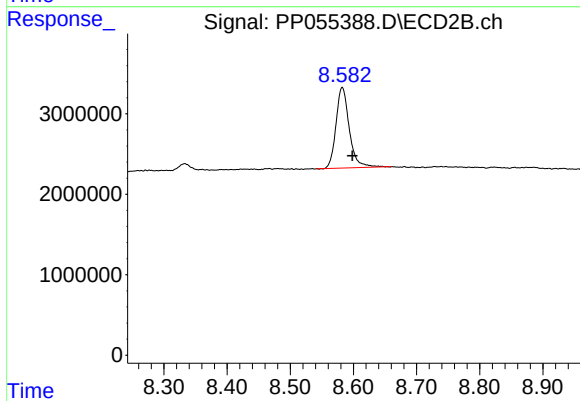
#1 Tetrachloro-m-xylene

R.T.: 3.575 min
Delta R.T.: -0.003 min
Response: 20700220
Conc: 13.79 ng/ml



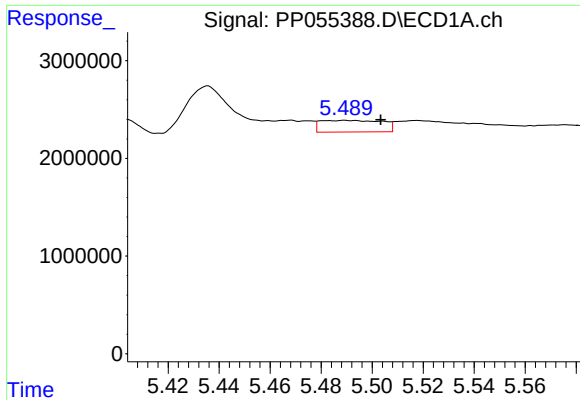
#2 Decachlorobiphenyl

R.T.: 10.080 min
Delta R.T.: -0.011 min
Response: 18647722
Conc: 10.77 ng/ml



#2 Decachlorobiphenyl

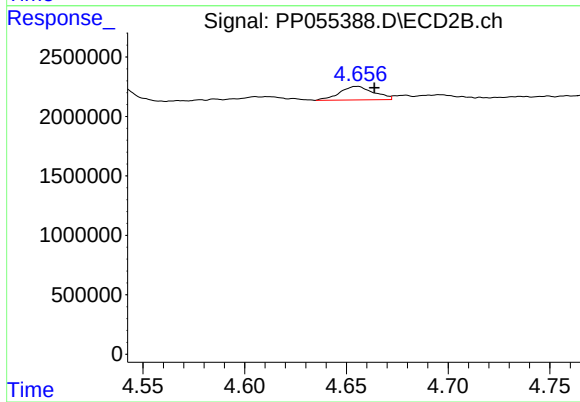
R.T.: 8.582 min
Delta R.T.: -0.016 min
Response: 14643744
Conc: 10.84 ng/ml



#3 AR-1016-1

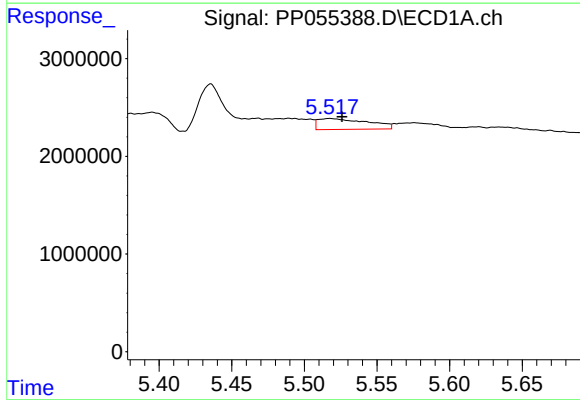
R.T.: 5.489 min
Delta R.T.: -0.014 min
Response: 2022273
Conc: 30.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



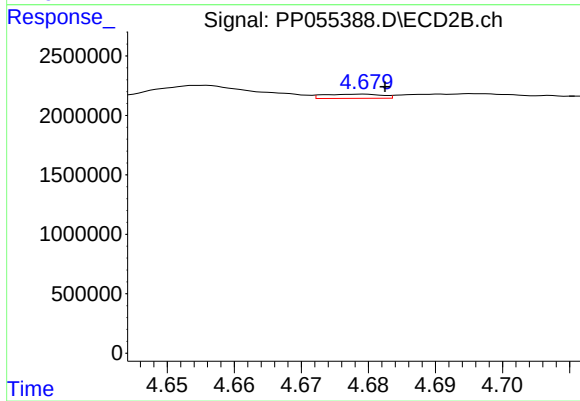
#3 AR-1016-1

R.T.: 4.655 min
Delta R.T.: -0.009 min
Response: 1320056
Conc: 26.67 ng/ml



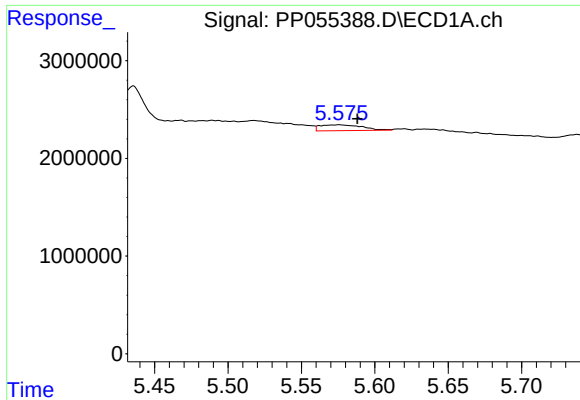
#4 AR-1016-2

R.T.: 5.518 min
Delta R.T.: -0.008 min
Response: 2679330
Conc: 27.96 ng/ml



#4 AR-1016-2

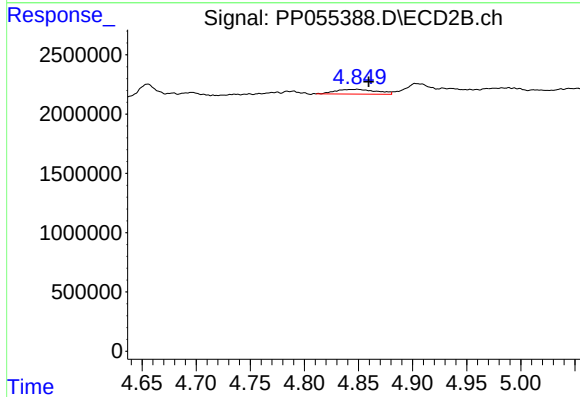
R.T.: 4.679 min
Delta R.T.: -0.004 min
Response: 214285
Conc: 3.10 ng/ml



#5 AR-1016-3

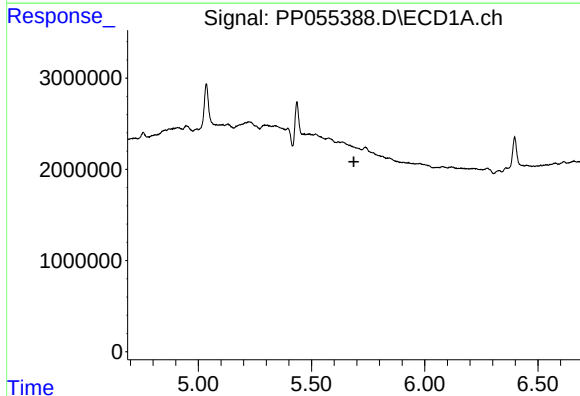
R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 1190247
Conc: 19.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



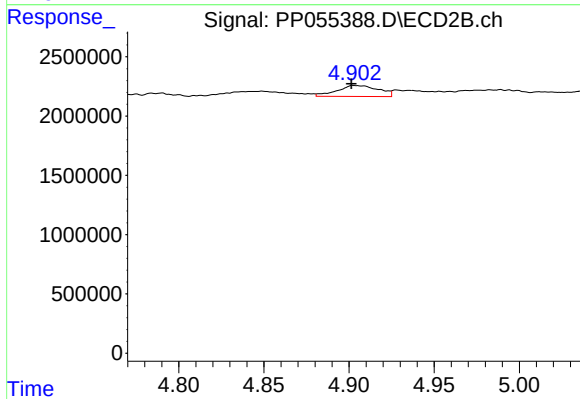
#5 AR-1016-3

R.T.: 4.849 min
Delta R.T.: -0.010 min
Response: 1050458
Conc: 28.24 ng/ml



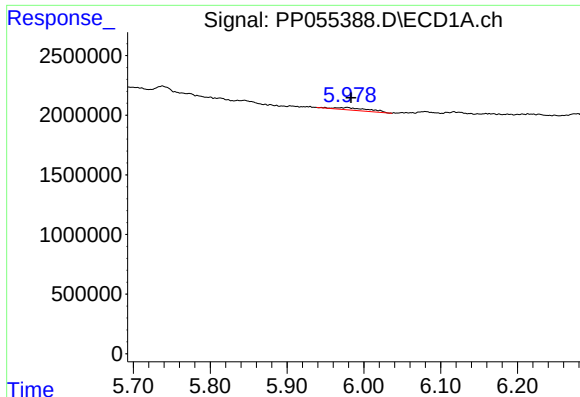
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.687 min
Response: 0
Conc: N.D.



#6 AR-1016-4

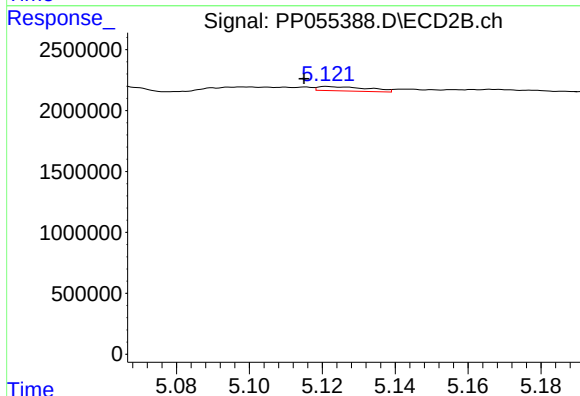
R.T.: 4.903 min
Delta R.T.: 0.002 min
Response: 1557761
Conc: 49.58 ng/ml



#7 AR-1016-5

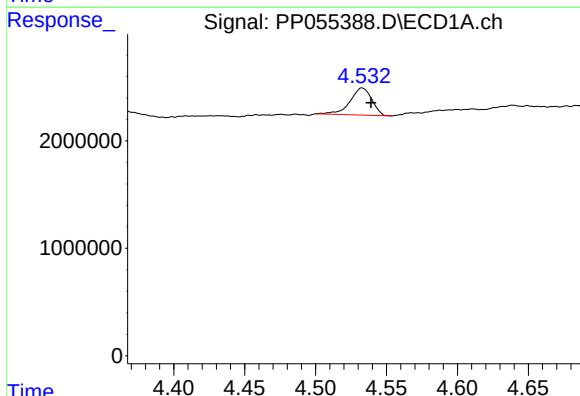
R.T.: 5.978 min
Delta R.T.: -0.005 min
Response: 631748
Conc: 12.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



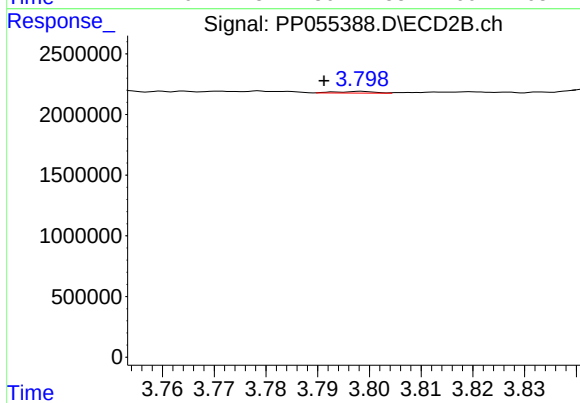
#7 AR-1016-5

R.T.: 5.122 min
Delta R.T.: 0.007 min
Response: 341609
Conc: 8.36 ng/ml



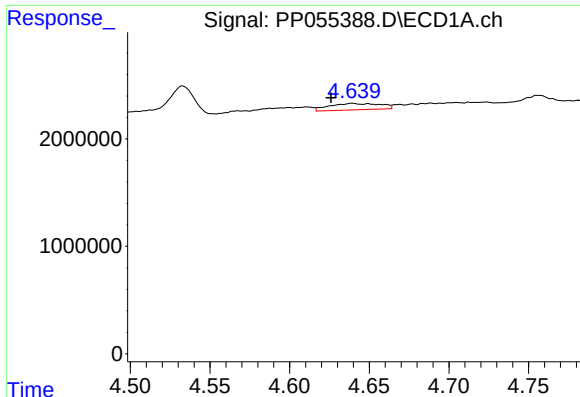
#8 AR-1221-1

R.T.: 4.533 min
Delta R.T.: -0.006 min
Response: 2685948
Conc: 114.22 ng/ml



#8 AR-1221-1

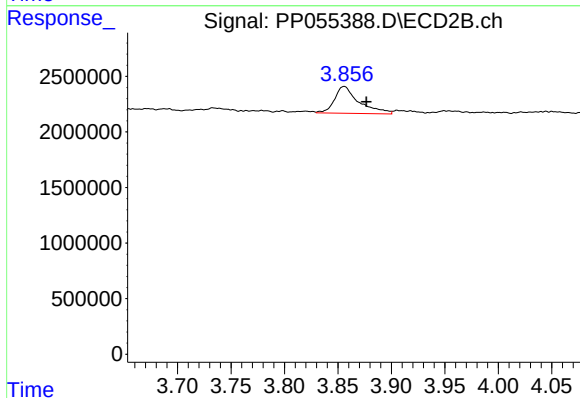
R.T.: 3.798 min
Delta R.T.: 0.007 min
Response: 69734
Conc: 3.52 ng/ml



#9 AR-1221-2

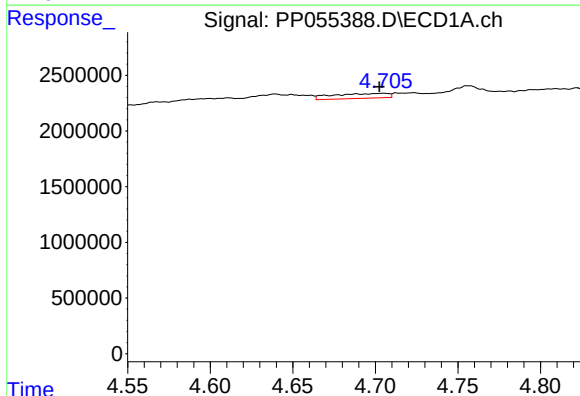
R.T.: 4.639 min
Delta R.T.: 0.013 min
Response: 1333098
Conc: 75.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



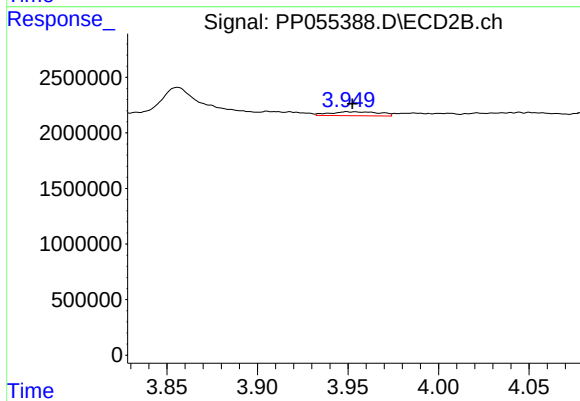
#9 AR-1221-2

R.T.: 3.856 min
Delta R.T.: -0.021 min
Response: 3815118
Conc: 257.39 ng/ml



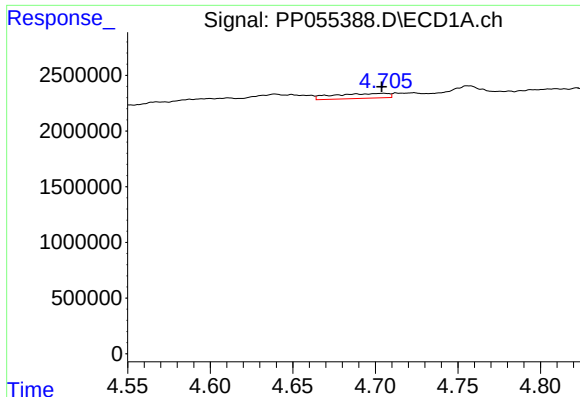
#10 AR-1221-3

R.T.: 4.705 min
Delta R.T.: 0.002 min
Response: 1025596
Conc: 19.06 ng/ml



#10 AR-1221-3

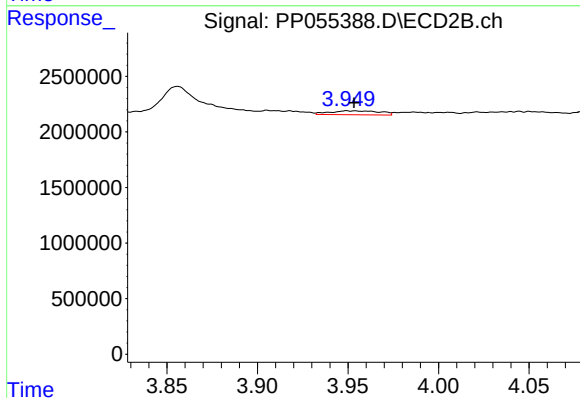
R.T.: 3.949 min
Delta R.T.: -0.003 min
Response: 670902
Conc: 14.87 ng/ml



#11 AR-1232-1

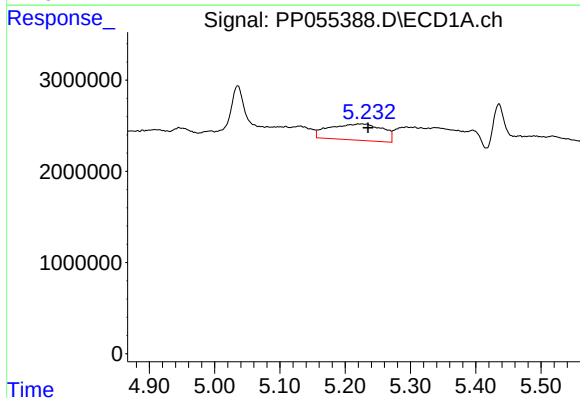
R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 1025596
Conc: 23.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



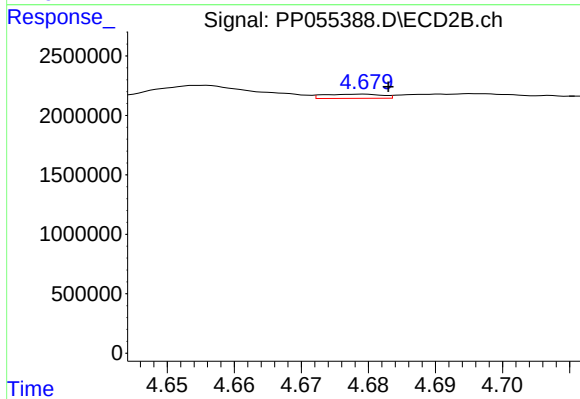
#11 AR-1232-1

R.T.: 3.949 min
Delta R.T.: -0.004 min
Response: 670902
Conc: 18.20 ng/ml



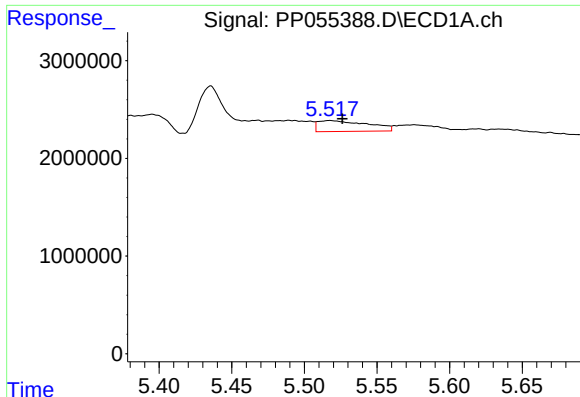
#12 AR-1232-2

R.T.: 5.225 min
Delta R.T.: -0.010 min
Response: 10092403
Conc: 446.27 ng/ml



#12 AR-1232-2

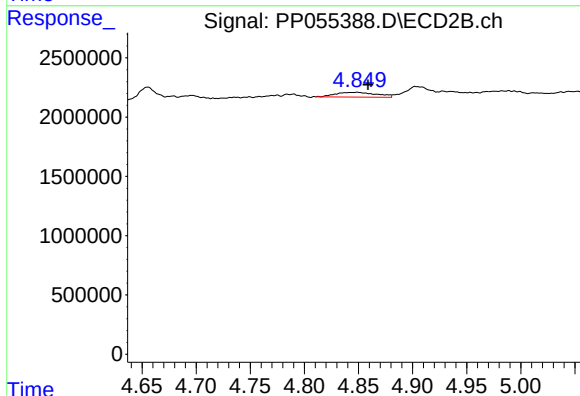
R.T.: 4.679 min
Delta R.T.: -0.004 min
Response: 214285
Conc: 6.71 ng/ml



#13 AR-1232-3

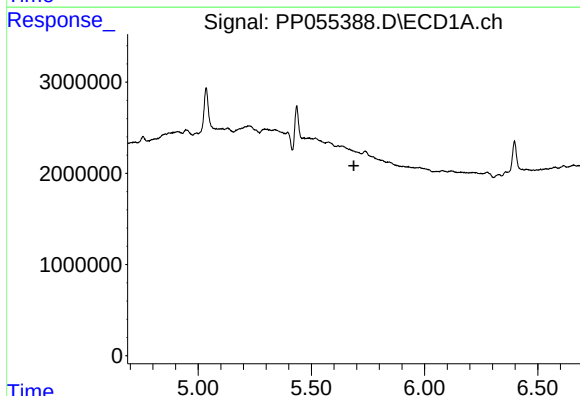
R.T.: 5.518 min
Delta R.T.: -0.009 min
Response: 2679330
Conc: 61.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



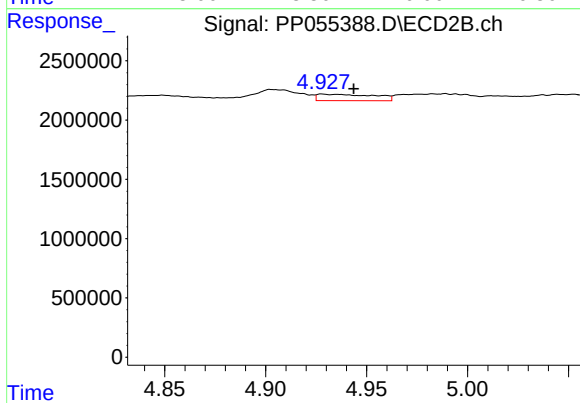
#13 AR-1232-3

R.T.: 4.849 min
Delta R.T.: -0.010 min
Response: 1050458
Conc: 63.01 ng/ml



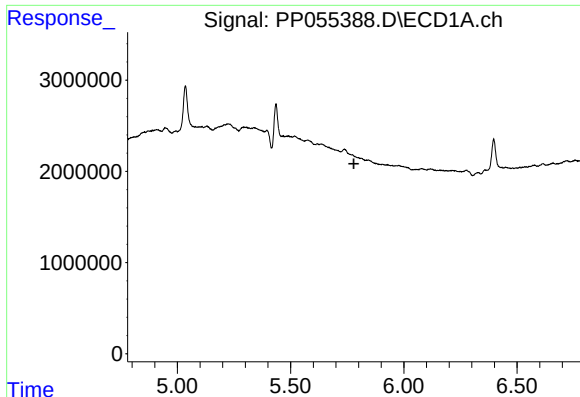
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.687 min
Response: 0
Conc: N.D.



#14 AR-1232-4

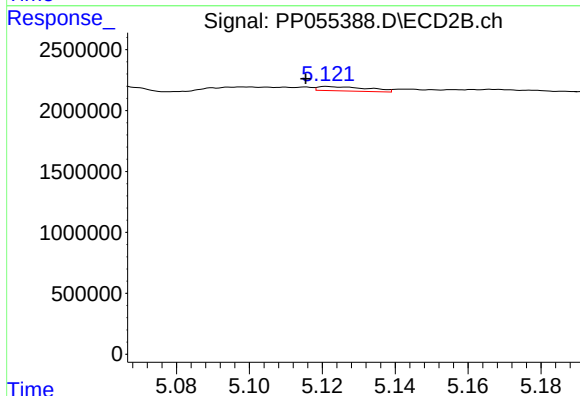
R.T.: 4.928 min
Delta R.T.: -0.015 min
Response: 1061257
Conc: 65.81 ng/ml



#15 AR-1232-5

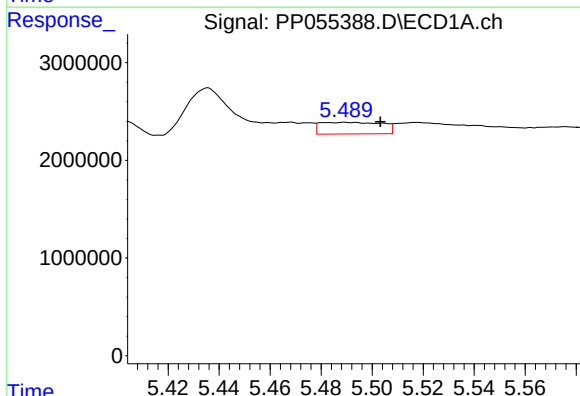
R.T.: 0.000 min
Exp R.T.: 5.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



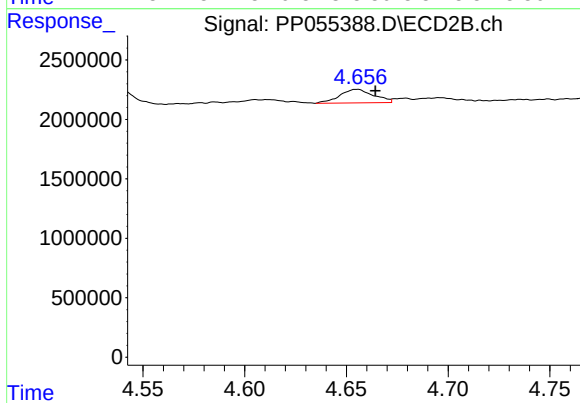
#15 AR-1232-5

R.T.: 5.122 min
Delta R.T.: 0.006 min
Response: 341609
Conc: 19.34 ng/ml



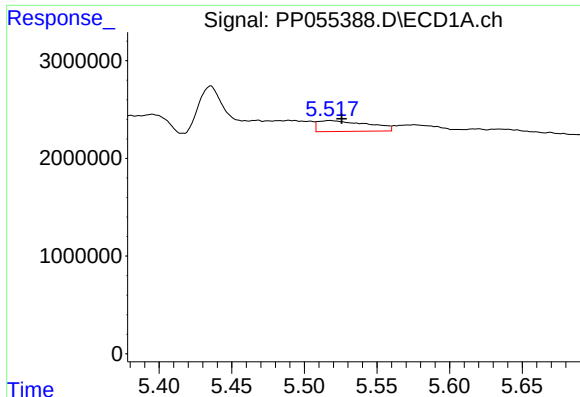
#16 AR-1242-1

R.T.: 5.489 min
Delta R.T.: -0.014 min
Response: 2022273
Conc: 36.12 ng/ml



#16 AR-1242-1

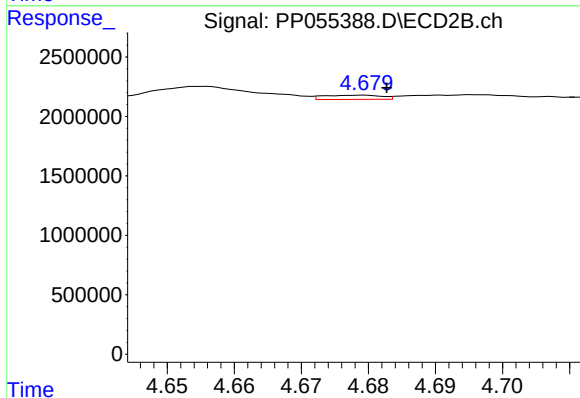
R.T.: 4.655 min
Delta R.T.: -0.009 min
Response: 1320056
Conc: 32.23 ng/ml



#17 AR-1242-2

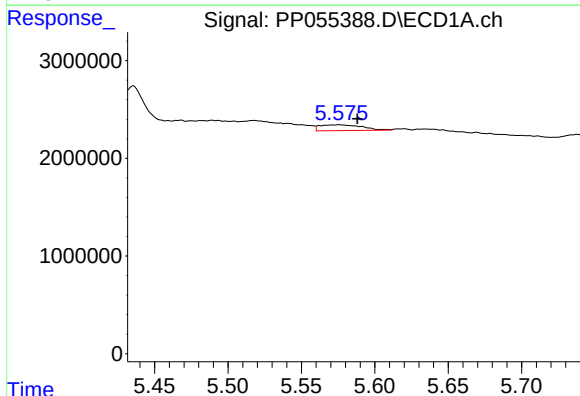
R.T.: 5.518 min
Delta R.T.: -0.008 min
Response: 2679330
Conc: 33.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



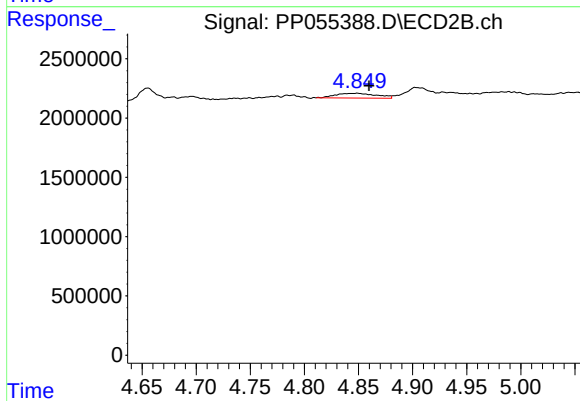
#17 AR-1242-2

R.T.: 4.679 min
Delta R.T.: -0.004 min
Response: 214285
Conc: 3.75 ng/ml



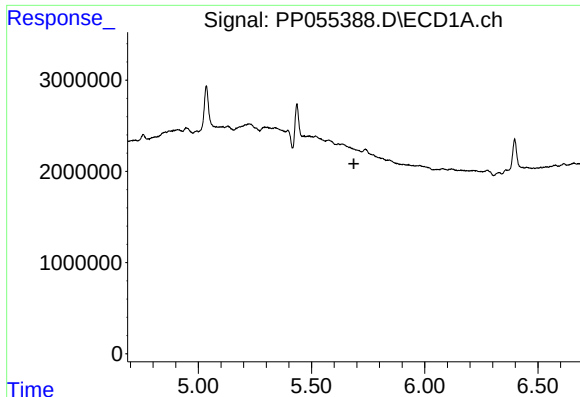
#18 AR-1242-3

R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 1190247
Conc: 23.97 ng/ml



#18 AR-1242-3

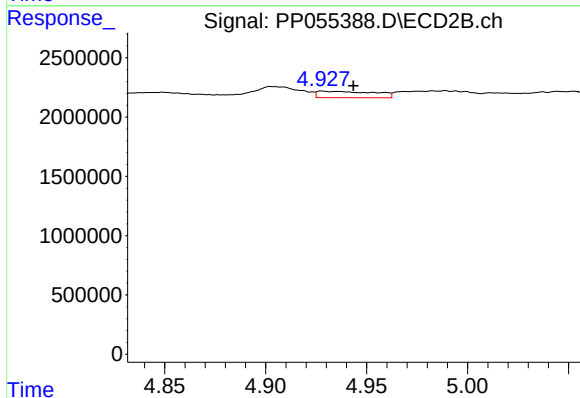
R.T.: 4.849 min
Delta R.T.: -0.011 min
Response: 1050458
Conc: 34.03 ng/ml



#19 AR-1242-4

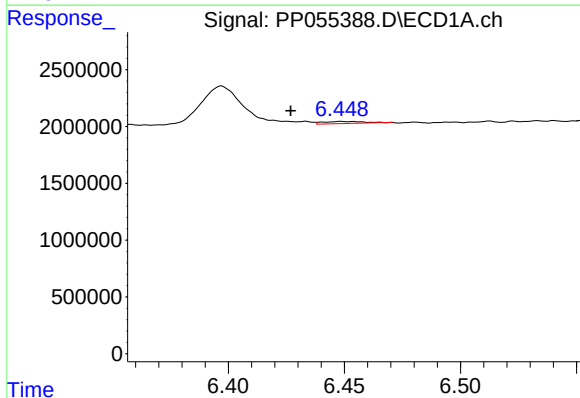
R.T.: 0.000 min
Exp R.T.: 5.687 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



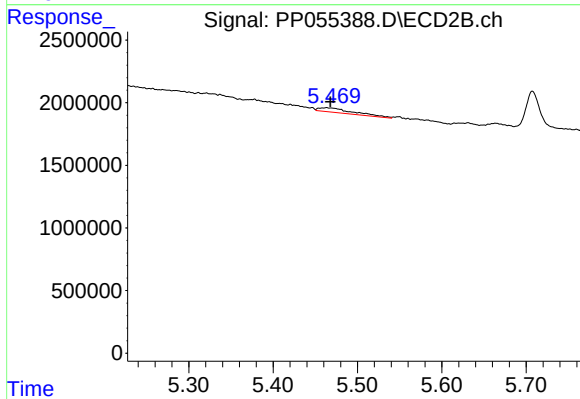
#19 AR-1242-4

R.T.: 4.928 min
Delta R.T.: -0.015 min
Response: 1061257
Conc: 32.67 ng/ml



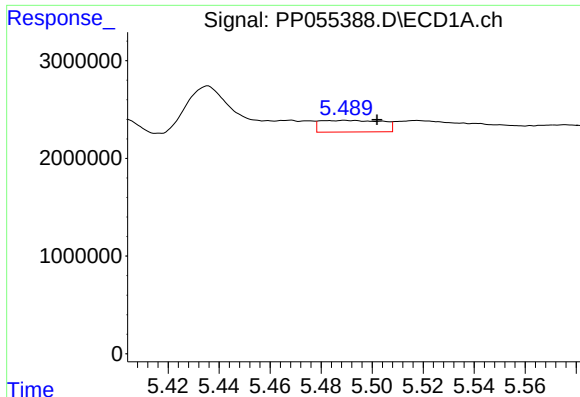
#20 AR-1242-5

R.T.: 6.449 min
Delta R.T.: 0.022 min
Response: 233959
Conc: 5.26 ng/ml



#20 AR-1242-5

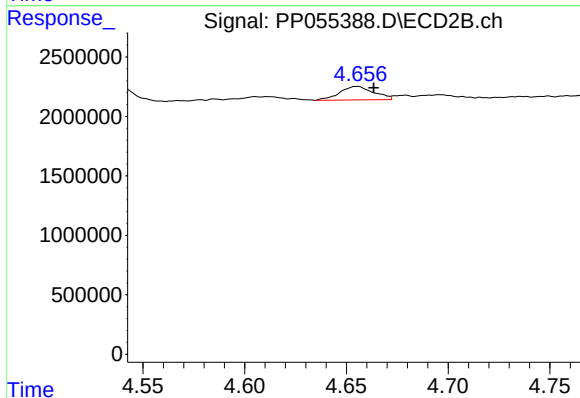
R.T.: 5.463 min
Delta R.T.: -0.004 min
Response: 997079
Conc: 26.68 ng/ml



#21 AR-1248-1

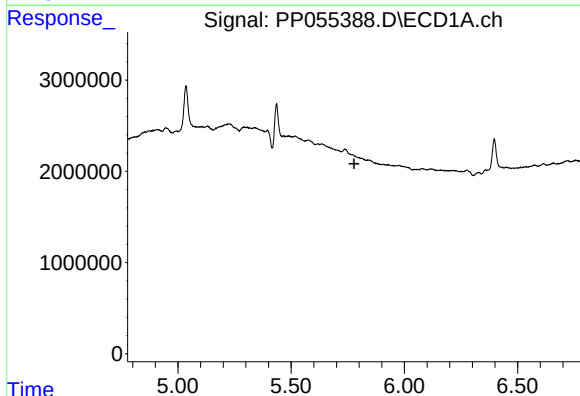
R.T.: 5.489 min
Delta R.T.: -0.013 min
Response: 2022273
Conc: 48.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



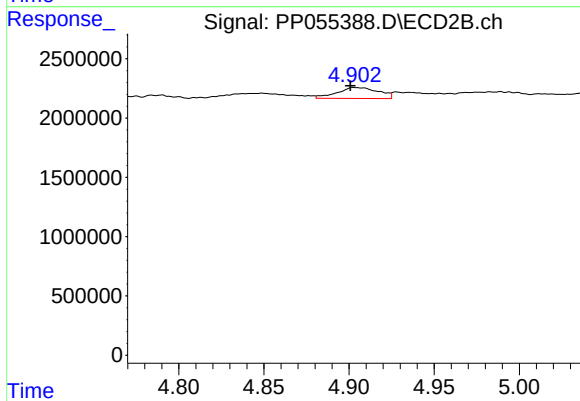
#21 AR-1248-1

R.T.: 4.655 min
Delta R.T.: -0.008 min
Response: 1320056
Conc: 42.58 ng/ml



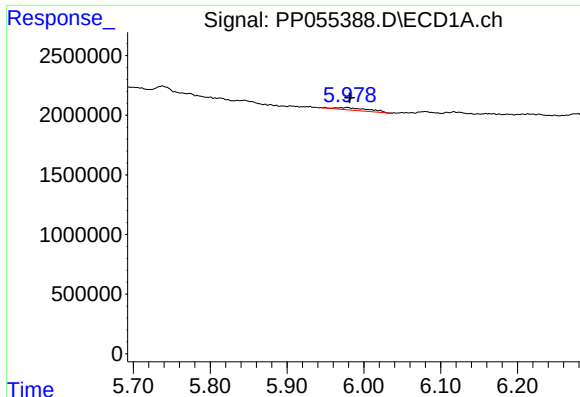
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.777 min
Response: 0
Conc: N.D.



#22 AR-1248-2

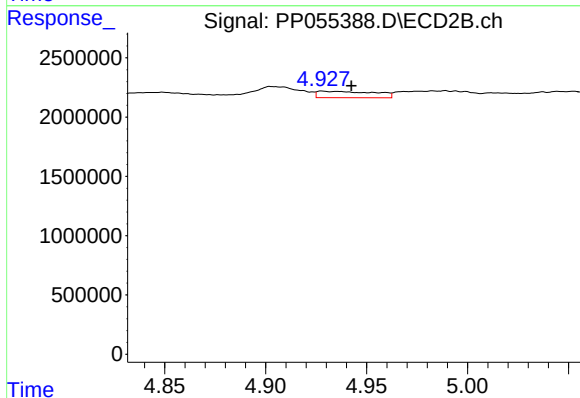
R.T.: 4.903 min
Delta R.T.: 0.002 min
Response: 1557761
Conc: 34.07 ng/ml



#23 AR-1248-3

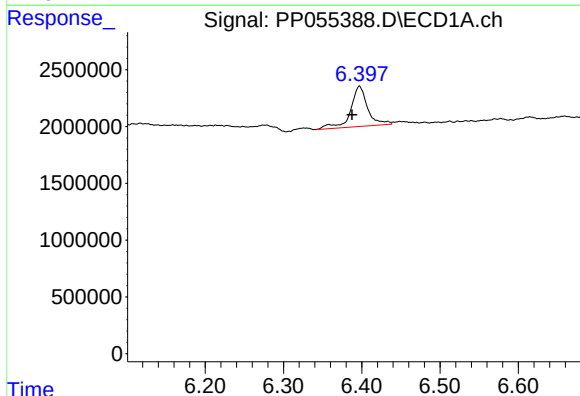
R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 631748
Conc: 9.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



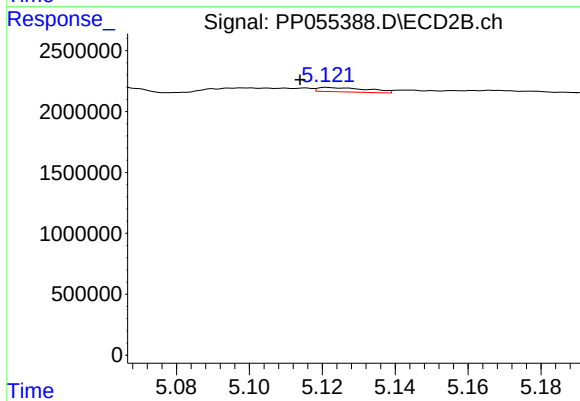
#23 AR-1248-3

R.T.: 4.928 min
Delta R.T.: -0.014 min
Response: 1061257
Conc: 22.26 ng/ml



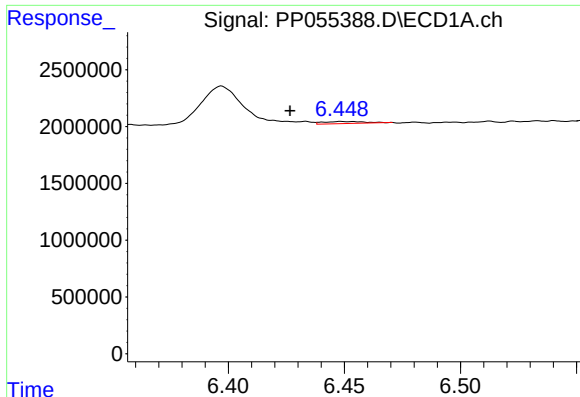
#24 AR-1248-4

R.T.: 6.397 min
Delta R.T.: 0.009 min
Response: 5386895
Conc: 71.04 ng/ml



#24 AR-1248-4

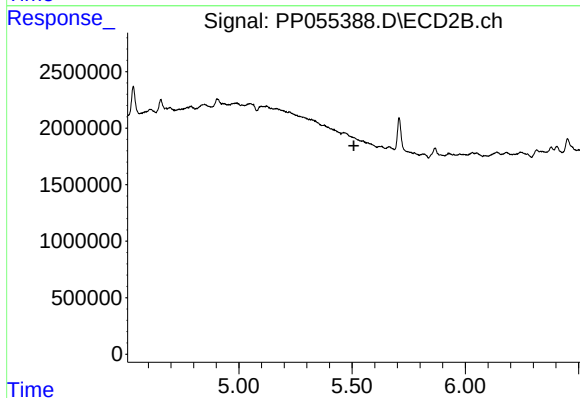
R.T.: 5.122 min
Delta R.T.: 0.008 min
Response: 341609
Conc: 6.19 ng/ml



#25 AR-1248-5

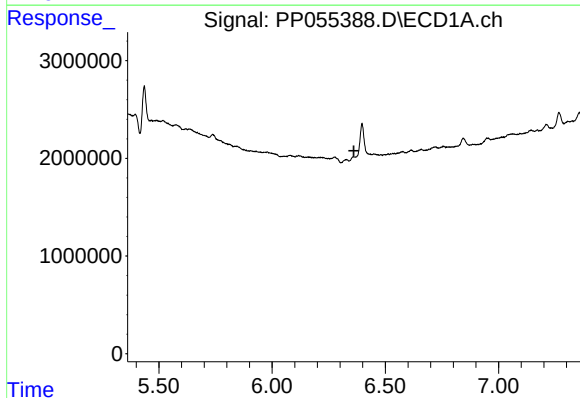
R.T.: 6.449 min
Delta R.T.: 0.022 min
Response: 233959
Conc: 3.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



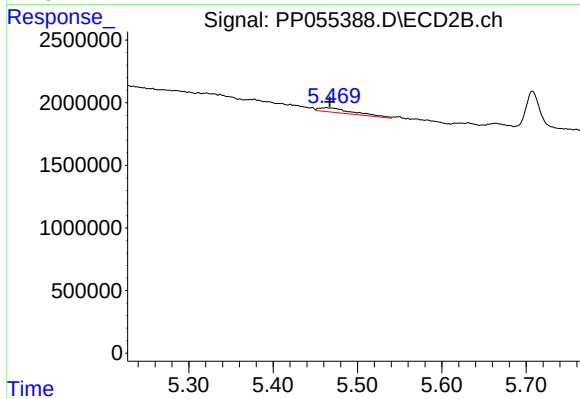
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.508 min
Response: 0
Conc: N.D.



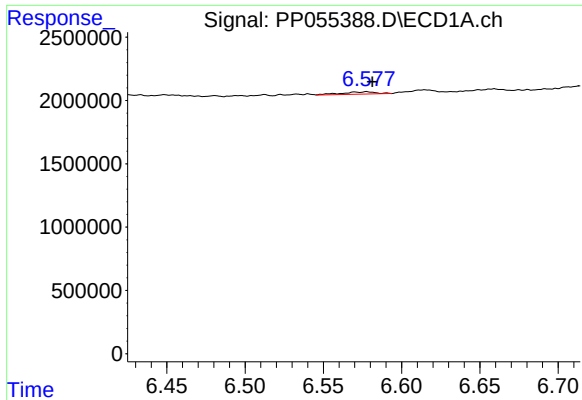
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.361 min
Response: 0
Conc: N.D.



#26 AR-1254-1

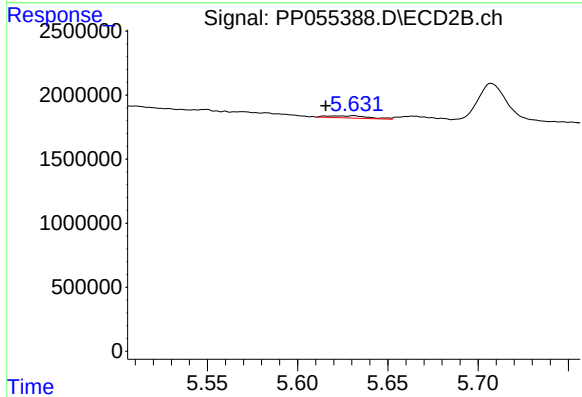
R.T.: 5.463 min
Delta R.T.: -0.004 min
Response: 997079
Conc: 12.35 ng/ml



#27 AR-1254-2

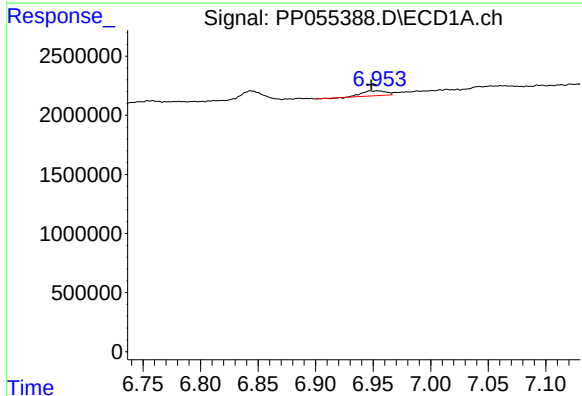
R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 277009
Conc: 2.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



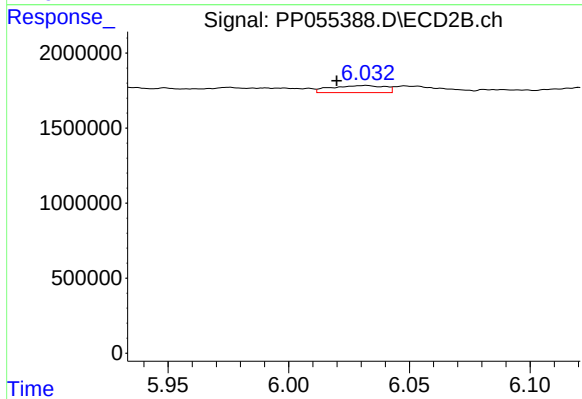
#27 AR-1254-2

R.T.: 5.631 min
Delta R.T.: 0.015 min
Response: 288439
Conc: 4.03 ng/ml



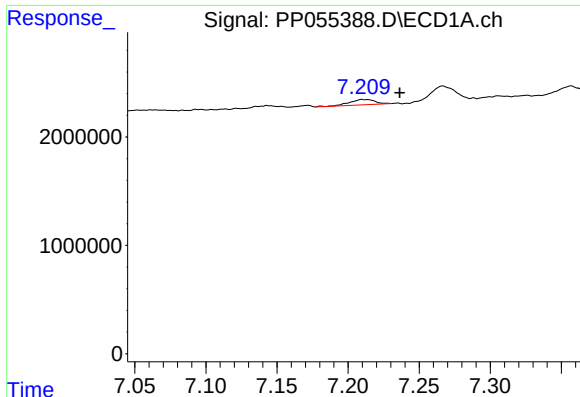
#28 AR-1254-3

R.T.: 6.954 min
Delta R.T.: 0.005 min
Response: 585575
Conc: 4.78 ng/ml



#28 AR-1254-3

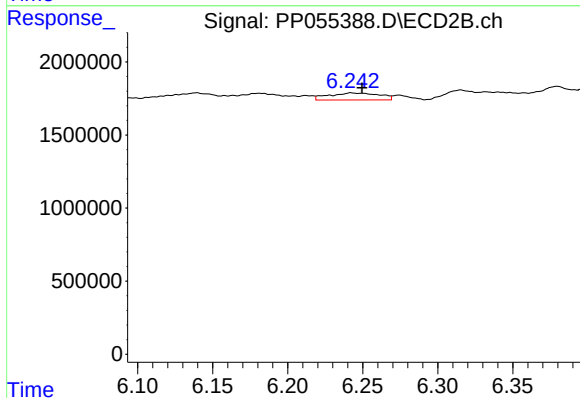
R.T.: 6.032 min
Delta R.T.: 0.012 min
Response: 722215
Conc: 6.48 ng/ml



#29 AR-1254-4

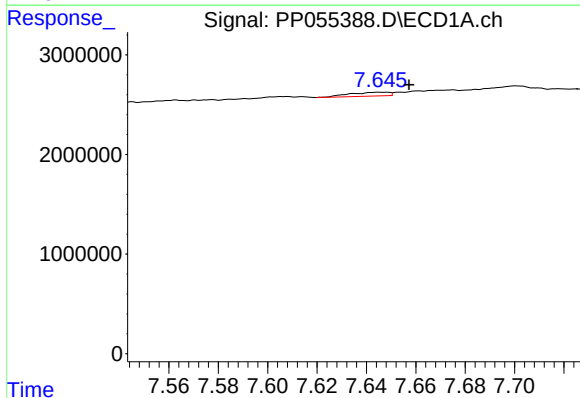
R.T.: 7.211 min
Delta R.T.: -0.026 min
Response: 609487
Conc: 6.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



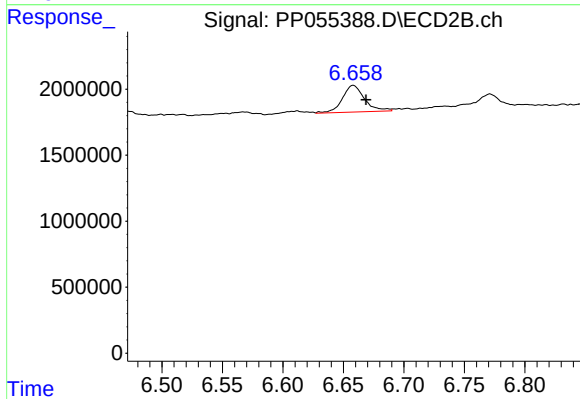
#29 AR-1254-4

R.T.: 6.242 min
Delta R.T.: -0.007 min
Response: 1116384
Conc: 18.15 ng/ml



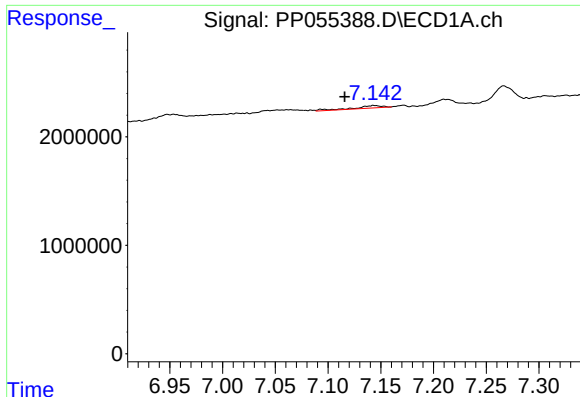
#30 AR-1254-5

R.T.: 7.645 min
Delta R.T.: -0.012 min
Response: 430865
Conc: 4.26 ng/ml



#30 AR-1254-5

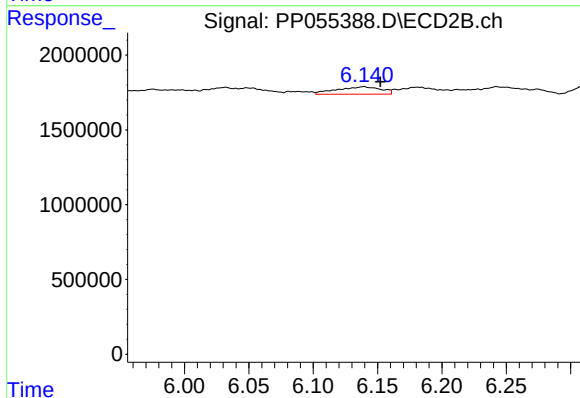
R.T.: 6.658 min
Delta R.T.: -0.011 min
Response: 2554116
Conc: 26.94 ng/ml



#31 AR-1260-1

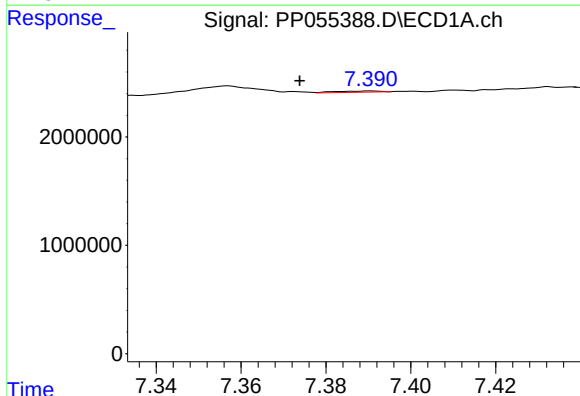
R.T.: 7.144 min
Delta R.T.: 0.028 min
Response: 541166
Conc: 5.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



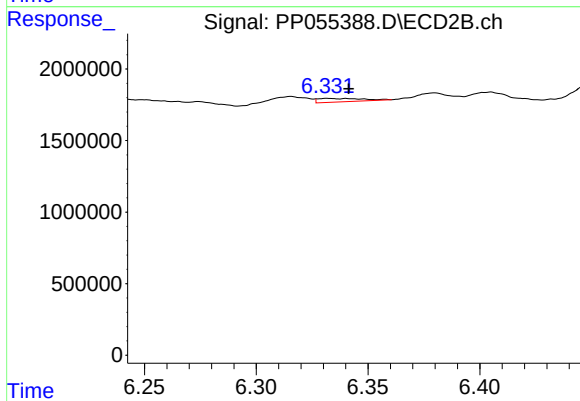
#31 AR-1260-1

R.T.: 6.139 min
Delta R.T.: -0.013 min
Response: 1189219
Conc: 15.34 ng/ml



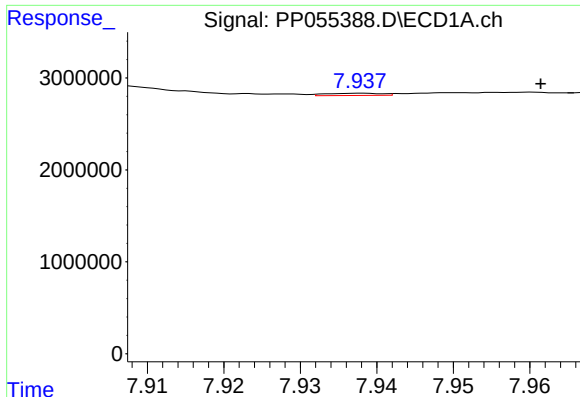
#32 AR-1260-2

R.T.: 7.390 min
Delta R.T.: 0.017 min
Response: 87512
Conc: 0.78 ng/ml



#32 AR-1260-2

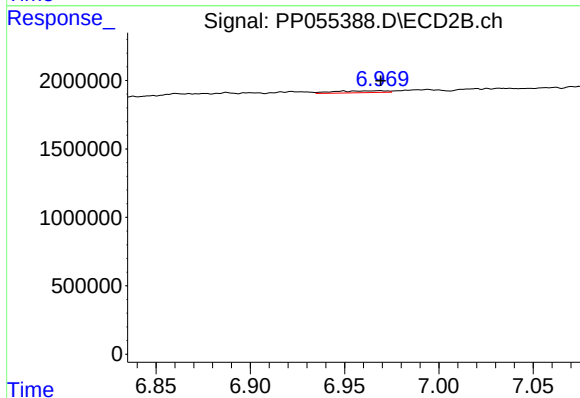
R.T.: 6.332 min
Delta R.T.: -0.009 min
Response: 330757
Conc: 3.68 ng/ml



#34 AR-1260-4

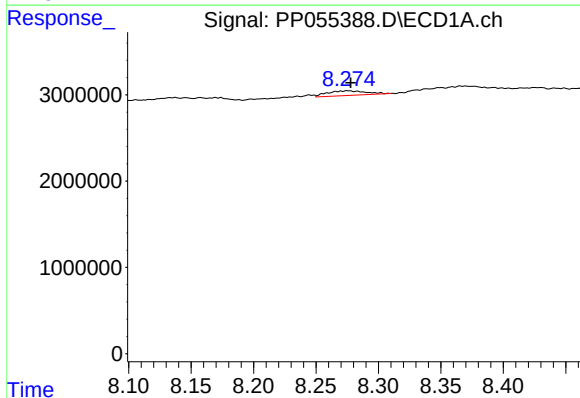
R.T.: 7.938 min
Delta R.T.: -0.024 min
Response: 117384
Conc: 1.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



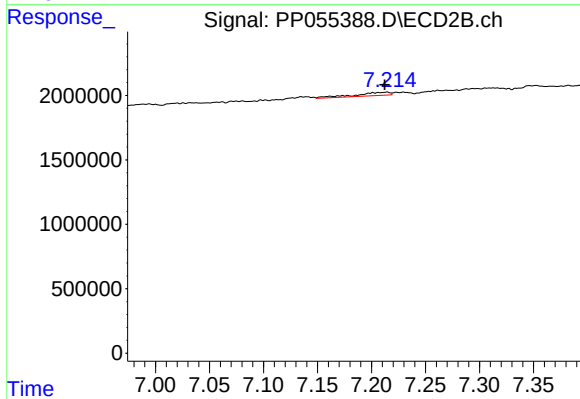
#34 AR-1260-4

R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 263651
Conc: 3.68 ng/ml



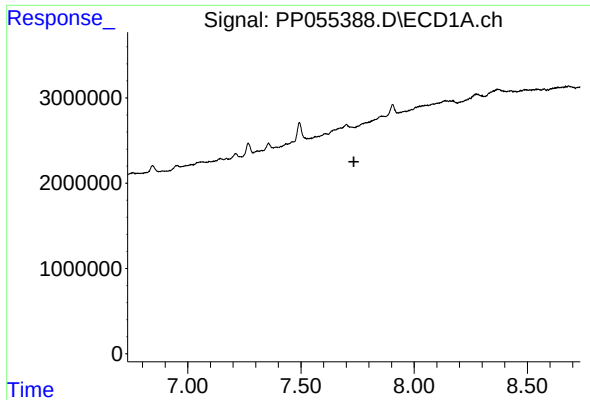
#35 AR-1260-5

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 1275520
Conc: 7.17 ng/ml



#35 AR-1260-5

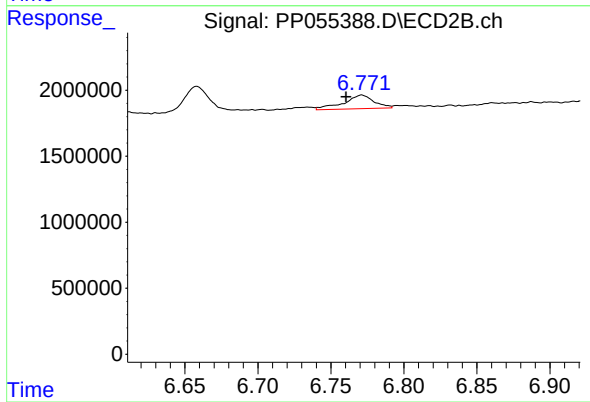
R.T.: 7.214 min
Delta R.T.: 0.002 min
Response: 577059
Conc: 3.75 ng/ml



#36 AR-1262-1

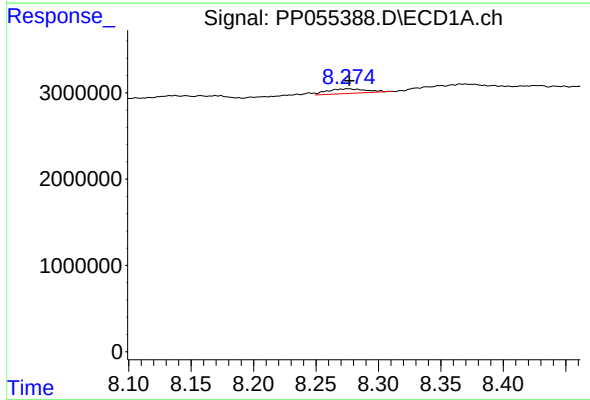
R.T.: 0.000 min
Exp R.T.: 7.734 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



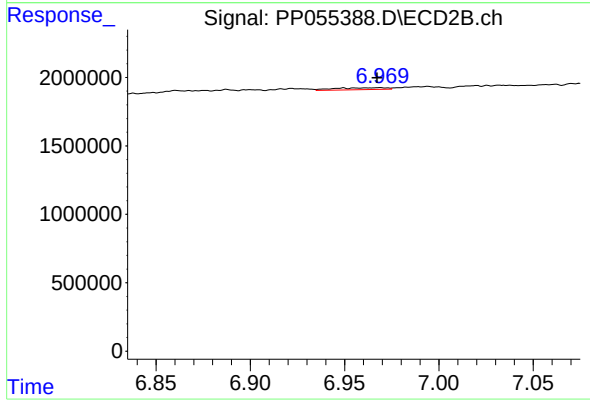
#36 AR-1262-1

R.T.: 6.771 min
Delta R.T.: 0.011 min
Response: 1507378
Conc: 35.09 ng/ml



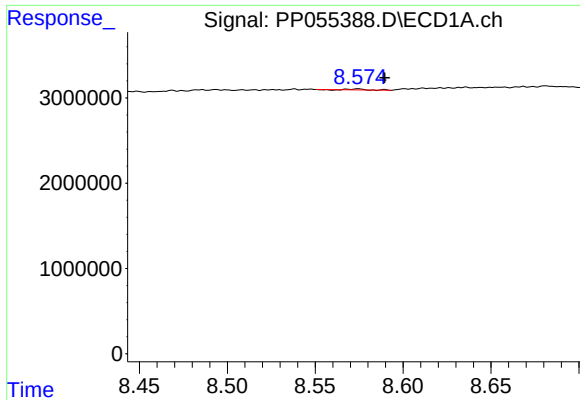
#37 AR-1262-2

R.T.: 8.276 min
Delta R.T.: -0.001 min
Response: 1275520
Conc: 6.33 ng/ml



#37 AR-1262-2

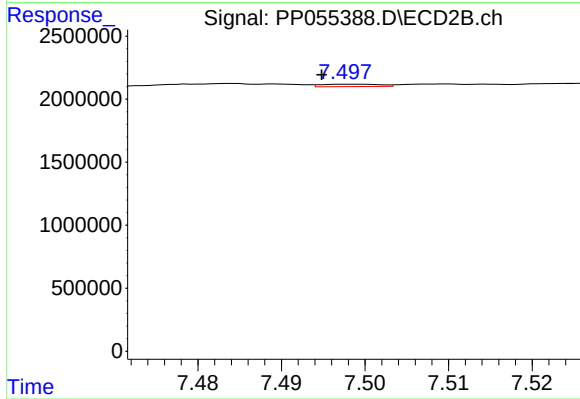
R.T.: 6.968 min
Delta R.T.: 0.001 min
Response: 263651
Conc: 2.85 ng/ml



#38 AR-1262-3

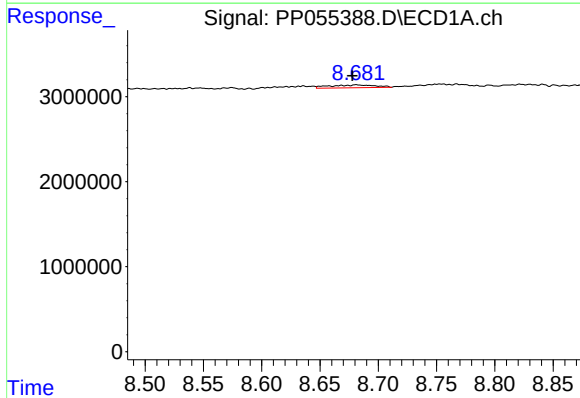
R.T.: 8.574 min
Delta R.T.: -0.015 min
Response: 64183
Conc: 0.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



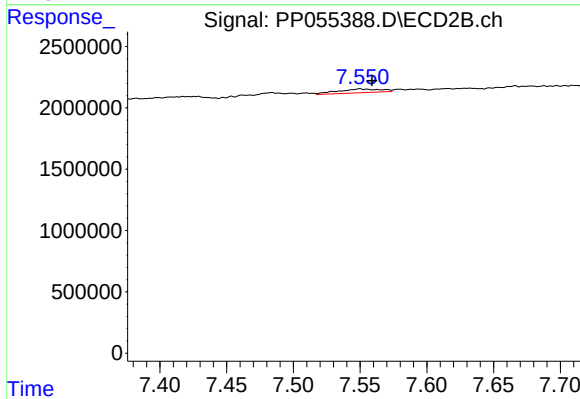
#38 AR-1262-3

R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 94683
Conc: 1.30 ng/ml



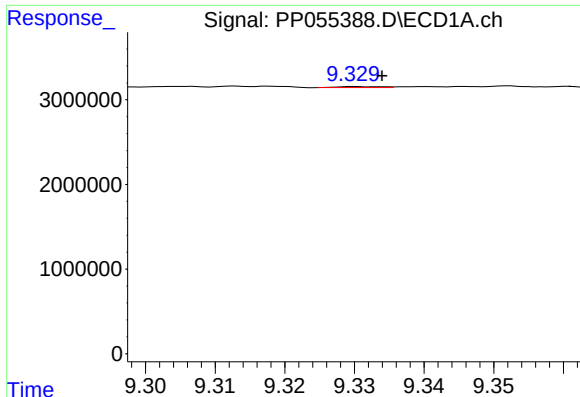
#39 AR-1262-4

R.T.: 8.681 min
Delta R.T.: 0.003 min
Response: 901855
Conc: 11.73 ng/ml



#39 AR-1262-4

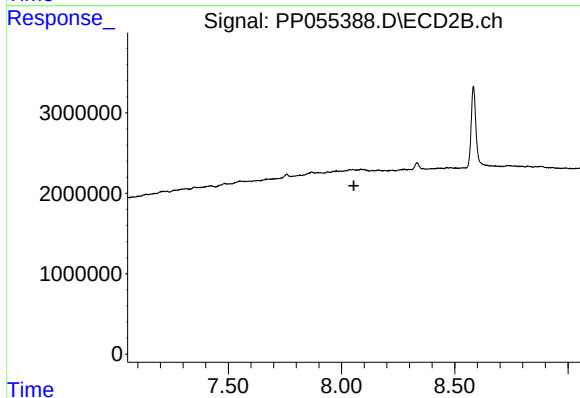
R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 710312
Conc: 5.43 ng/ml



#40 AR-1262-5

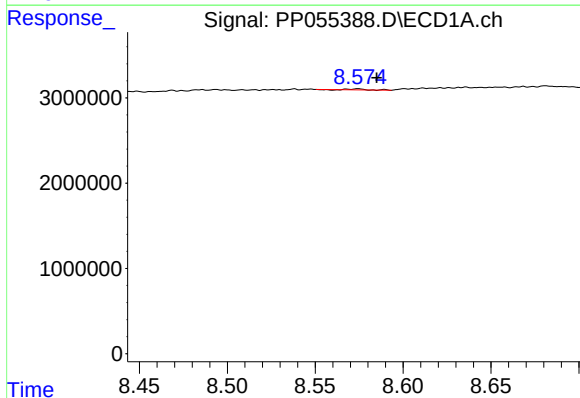
R.T.: 9.331 min
Delta R.T.: -0.003 min
Response: 47056
Conc: 0.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



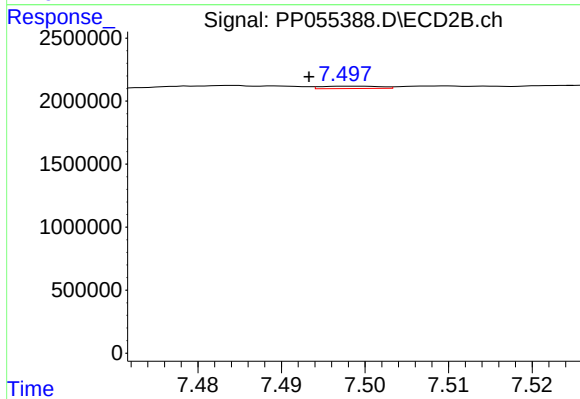
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.054 min
Response: 0
Conc: N.D.



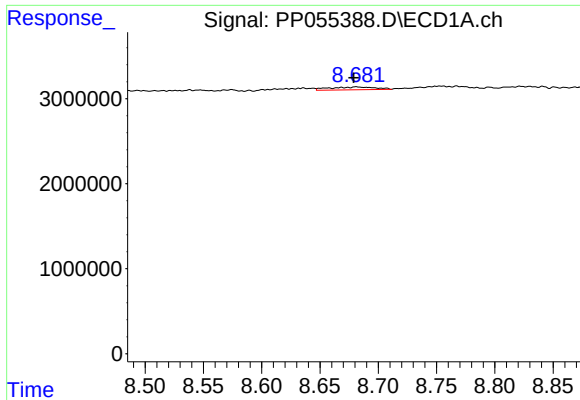
#41 AR-1268-1

R.T.: 8.574 min
Delta R.T.: -0.010 min
Response: 64183
Conc: 0.26 ng/ml



#41 AR-1268-1

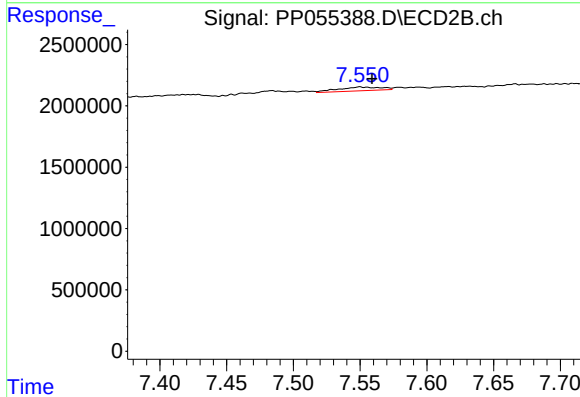
R.T.: 7.499 min
Delta R.T.: 0.005 min
Response: 94683
Conc: 0.44 ng/ml



#42 AR-1268-2

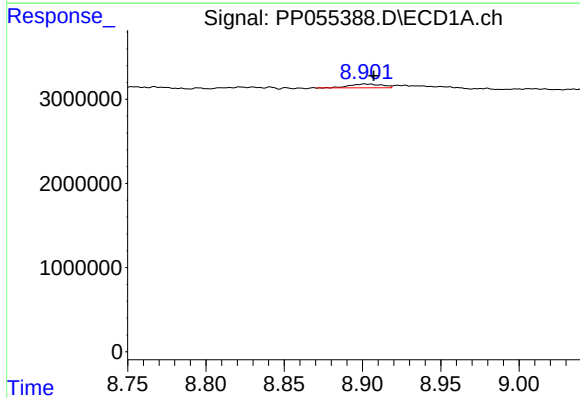
R.T.: 8.681 min
Delta R.T.: 0.002 min
Response: 901855
Conc: 3.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



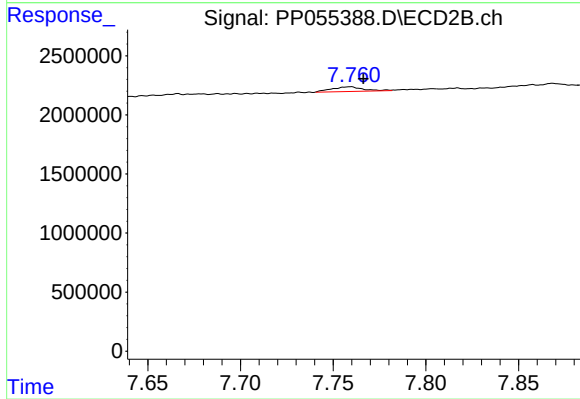
#42 AR-1268-2

R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 710312
Conc: 3.64 ng/ml



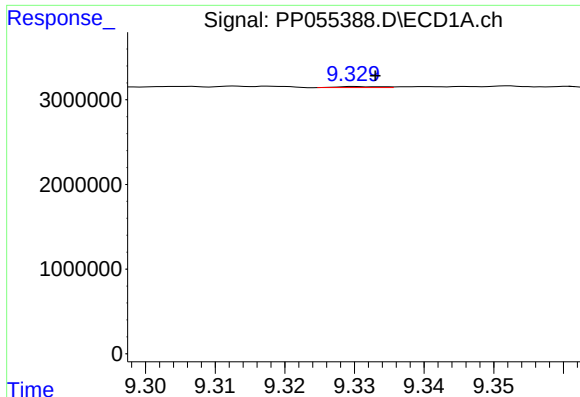
#43 AR-1268-3

R.T.: 8.902 min
Delta R.T.: -0.006 min
Response: 665547
Conc: 3.33 ng/ml



#43 AR-1268-3

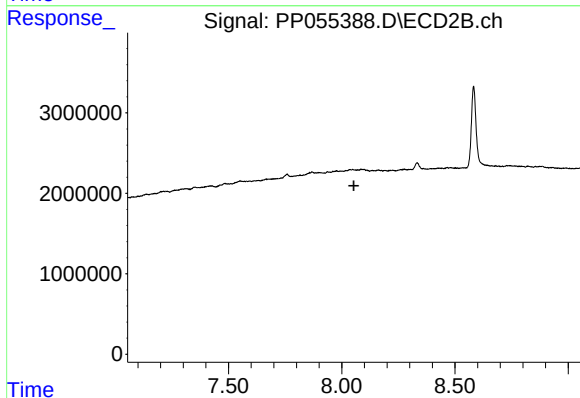
R.T.: 7.759 min
Delta R.T.: -0.007 min
Response: 459125
Conc: 2.67 ng/ml



#44 AR-1268-4

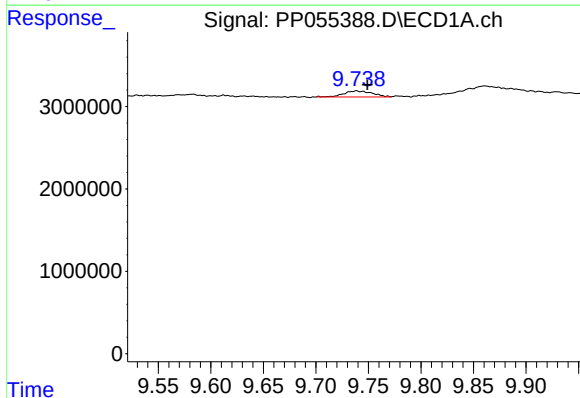
R.T.: 9.331 min
Delta R.T.: -0.002 min
Response: 47056
Conc: 0.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



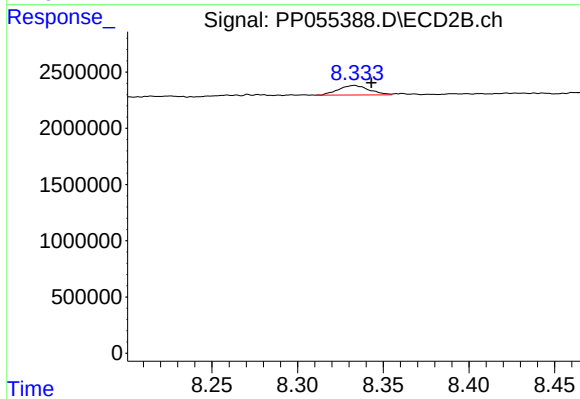
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.054 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.739 min
Delta R.T.: -0.010 min
Response: 1417104
Conc: 2.23 ng/ml



#45 AR-1268-5

R.T.: 8.333 min
Delta R.T.: -0.010 min
Response: 1054384
Conc: 2.00 ng/ml