

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
 Data File : PP055947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 19:18
 Operator : YP\AJ
 Sample : 01627-07
 Misc : AR1232 LOD 40 PPB
 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 25 00:43:27 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...	4.322	3.566	35842949	27358119	22.246	18.736
2)	SA Decachlor...	10.064	8.565	43709253	25677792	21.427	22.634
Target Compounds							
3)	L1 AR-1016-1	5.491	4.647	1151680	774874	19.300	17.208
4)	L1 AR-1016-2	5.514	4.664	1631280	1070302	18.646	16.480
5)	L1 AR-1016-3	5.575	4.840	1323371	532575	23.823	15.325 #
6)	L1 AR-1016-4	5.675	4.884	750453	497795	16.841	16.654
7)	L1 AR-1016-5	5.971	5.096	883302	714883	18.294	18.083
8)	L2 AR-1221-1	4.532	3.777	526963	448062	25.317	24.944
9)	L2 AR-1221-2	4.624	3.864	917318	680913	57.669	51.846
10)	L2 AR-1221-3	4.693	3.939	1884734	1378274	38.850	33.022
11)	L3 AR-1232-1	4.693	3.939	1884734	1378274	47.582	40.036
12)	L3 AR-1232-2	5.222	4.664	867266	1070302	41.753	36.467
13)	L3 AR-1232-3	5.514	4.840	1631280	532575	41.399	35.044
14)	L3 AR-1232-4	5.675	4.925	750453	652131	38.309	43.018
15)	L3 AR-1232-5	5.766	5.096	733402	714883	45.857	43.613
16)	L4 AR-1242-1	5.491	4.647	1151680	774874	23.851	21.060
17)	L4 AR-1242-2	5.514	4.664	1631280	1070302	22.957	20.320
18)	L4 AR-1242-3	5.575	4.840	1323371	532575	29.663	18.812 #
19)	L4 AR-1242-4	5.675	4.925	750453	652131	20.771	21.137
20)	L4 AR-1242-5	6.414	5.448	1201124	644671	28.674	19.354 #
21)	L5 AR-1248-1	5.491	4.647	1151680	774874	31.654	27.745
22)	L5 AR-1248-2	5.766	4.884	733402	497795	12.746	11.702
23)	L5 AR-1248-3	5.971	4.925	883302	652131	13.594	14.654
24)	L5 AR-1248-4	6.376	5.096	1046483	714883	14.424	13.962
25)	L5 AR-1248-5	6.414	5.489	1201124	672842	16.946	15.265
26)	L6 AR-1254-1	6.350	5.448	786615	644671	10.699	8.762
27)	L6 AR-1254-2	6.571	5.597	825512	234140	7.153	3.721 #
28)	L6 AR-1254-3	6.939	6.001	550710	321522	4.475	3.278 #
29)	L6 AR-1254-4	7.222	6.230	56160	195389	0.611	3.550 #
30)	L6 AR-1254-5	7.648	6.662	157392	164959	1.497	2.030 #
31)	L7 AR-1260-1	7.105	6.143	88648	254409	0.856	3.490 #
32)	L7 AR-1260-2	7.372	6.318	388389	73477	3.088	0.900 #
33)	L7 AR-1260-3	7.721	6.482	90341	65034	1.029	0.770 #
34)	L7 AR-1260-4	7.958	6.935f	434228	72972	4.040	1.140 #
35)	L7 AR-1260-5	8.268	0.000	150697	0	0.730	N.D. #
36)	L8 AR-1262-1	7.721	6.742	90341	39199	0.766	1.112 #
37)	L8 AR-1262-2	8.268	6.935	150697	72972	0.687	0.983 #
38)	L8 AR-1262-3	8.582	0.000	46642	0	0.305	N.D. #
39)	L8 AR-1262-4	8.672	7.548	265763	257660	3.530	2.538 #
40)	L8 AR-1262-5	9.318	8.044	137778	114731	1.671	2.523 #
41)	L9 AR-1268-1	8.582	0.000	46642	0	0.163	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
 Data File : PP055947.D
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Integration File signal 1: autoint1.e
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 Quant Time: Feb 25 00:43:27 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

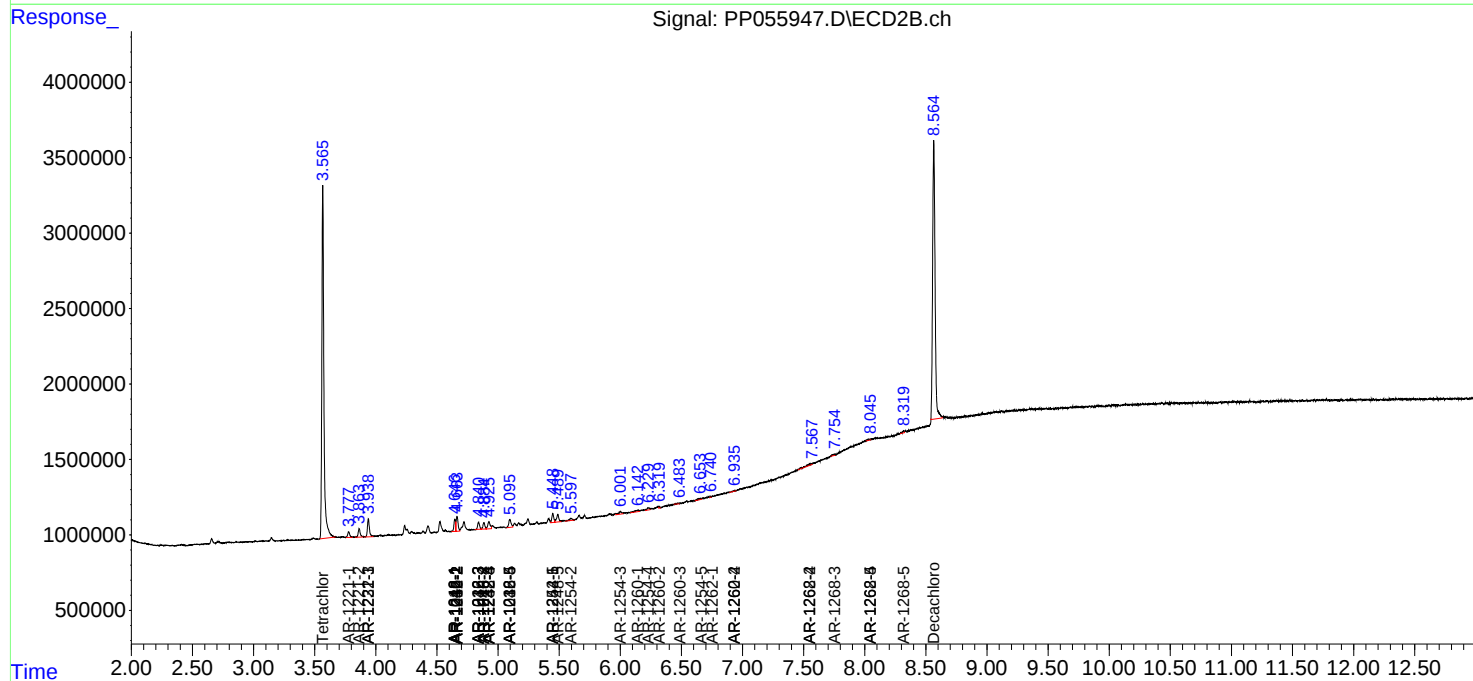
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

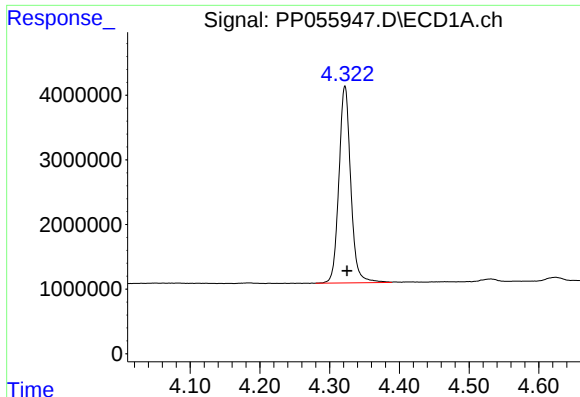
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.672	7.548	265763	257660	0.997	1.684 #
43) L9	AR-1268-3	8.891	7.747	134642	128707	0.572	0.938 #
44) L9	AR-1268-4	9.318	8.044	137778	114731	1.396	2.085 #
45) L9	AR-1268-5	9.730	8.319	200210	143348	0.266	0.355 #

(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

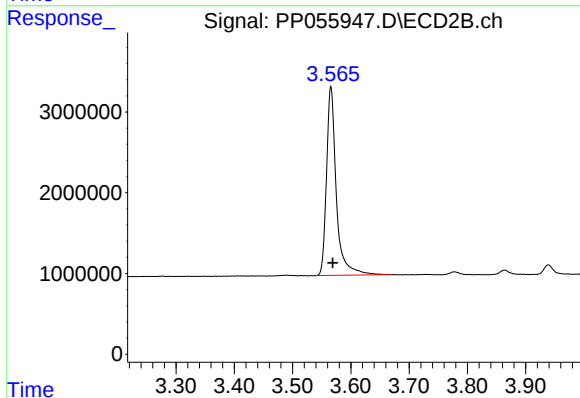




#1 Tetrachloro-m-xylene

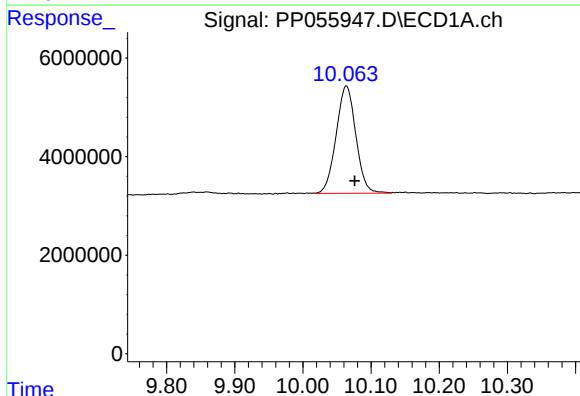
R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 35842949
Conc: 22.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



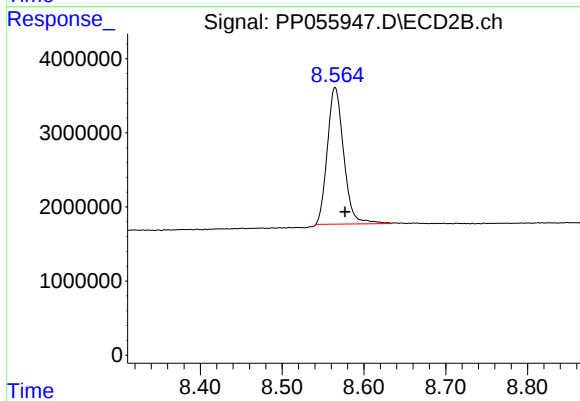
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: -0.003 min
Response: 27358119
Conc: 18.74 ng/ml



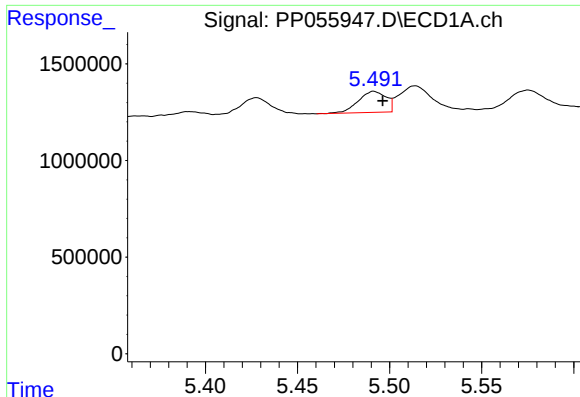
#2 Decachlorobiphenyl

R.T.: 10.064 min
Delta R.T.: -0.012 min
Response: 43709253
Conc: 21.43 ng/ml



#2 Decachlorobiphenyl

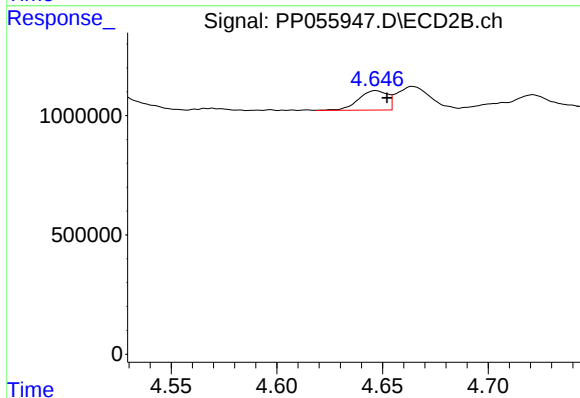
R.T.: 8.565 min
Delta R.T.: -0.012 min
Response: 25677792
Conc: 22.63 ng/ml



#3 AR-1016-1

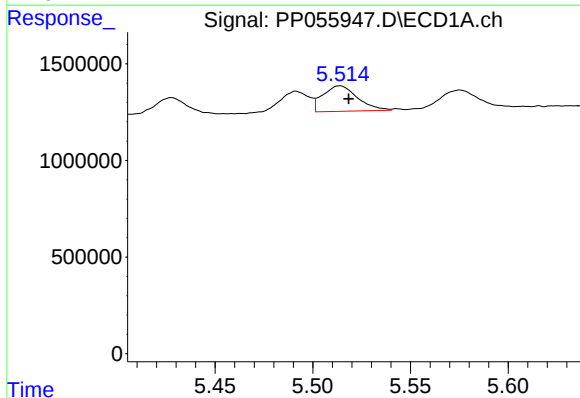
R.T.: 5.491 min
Delta R.T.: -0.005 min
Response: 1151680
Conc: 19.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



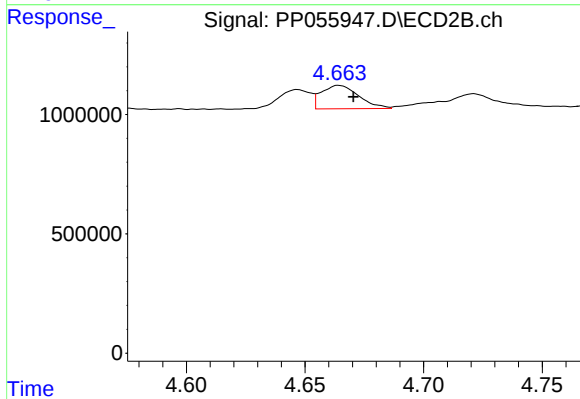
#3 AR-1016-1

R.T.: 4.647 min
Delta R.T.: -0.005 min
Response: 774874
Conc: 17.21 ng/ml



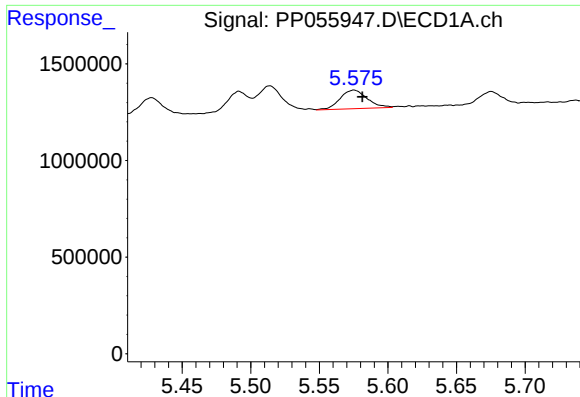
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 1631280
Conc: 18.65 ng/ml



#4 AR-1016-2

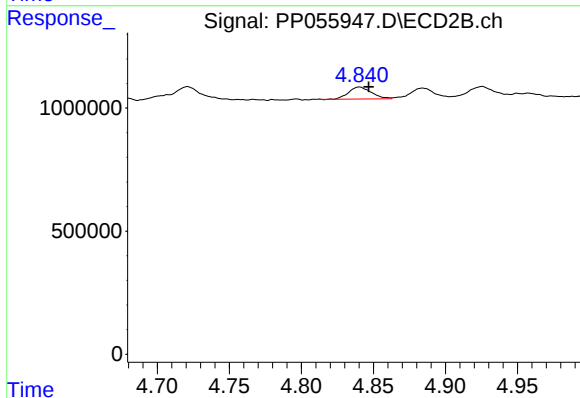
R.T.: 4.664 min
Delta R.T.: -0.006 min
Response: 1070302
Conc: 16.48 ng/ml



#5 AR-1016-3

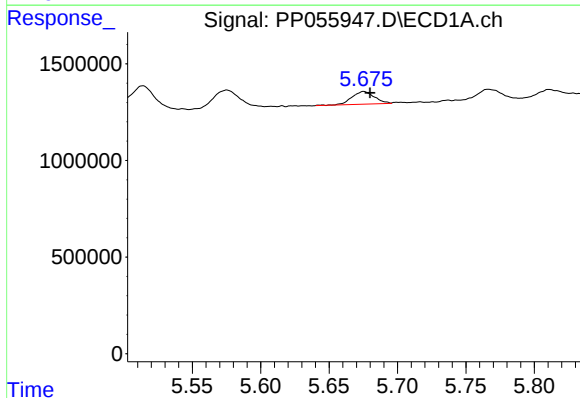
R.T.: 5.575 min
Delta R.T.: -0.006 min
Response: 1323371
Conc: 23.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



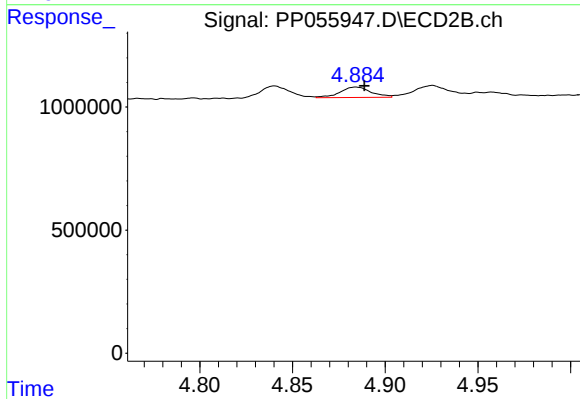
#5 AR-1016-3

R.T.: 4.840 min
Delta R.T.: -0.006 min
Response: 532575
Conc: 15.32 ng/ml



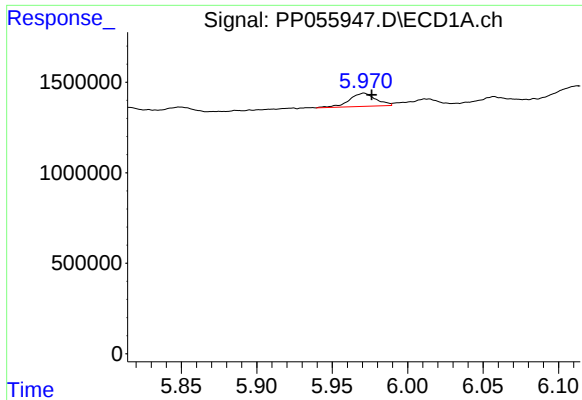
#6 AR-1016-4

R.T.: 5.675 min
Delta R.T.: -0.005 min
Response: 750453
Conc: 16.84 ng/ml



#6 AR-1016-4

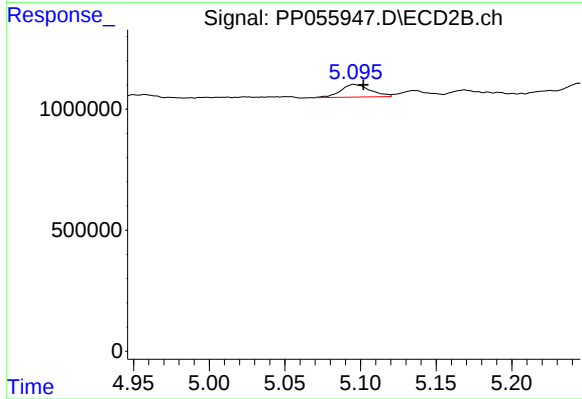
R.T.: 4.884 min
Delta R.T.: -0.004 min
Response: 497795
Conc: 16.65 ng/ml



#7 AR-1016-5

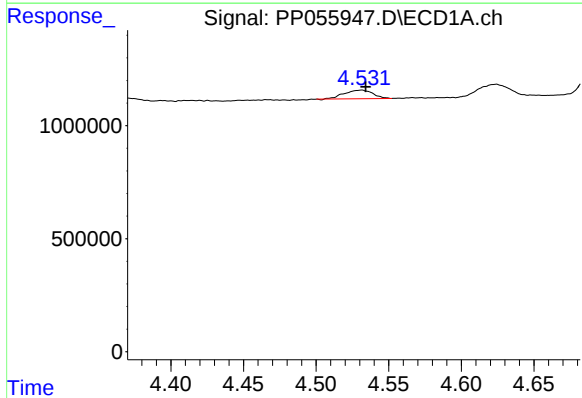
R.T.: 5.971 min
Delta R.T.: -0.005 min
Response: 883302
Conc: 18.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



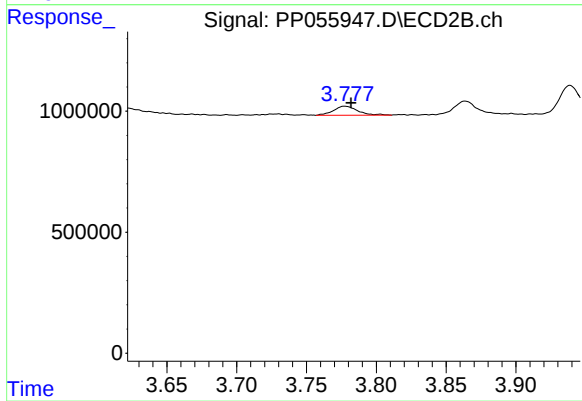
#7 AR-1016-5

R.T.: 5.096 min
Delta R.T.: -0.006 min
Response: 714883
Conc: 18.08 ng/ml



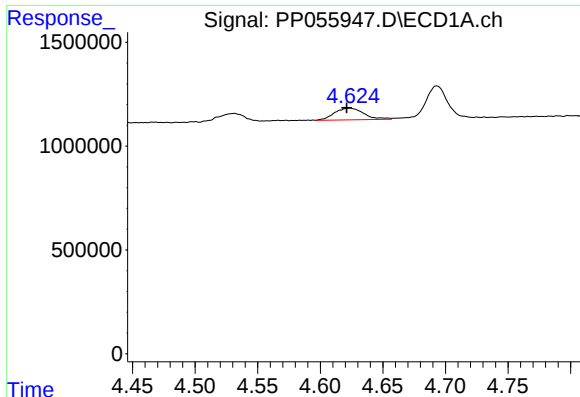
#8 AR-1221-1

R.T.: 4.532 min
Delta R.T.: -0.003 min
Response: 526963
Conc: 25.32 ng/ml



#8 AR-1221-1

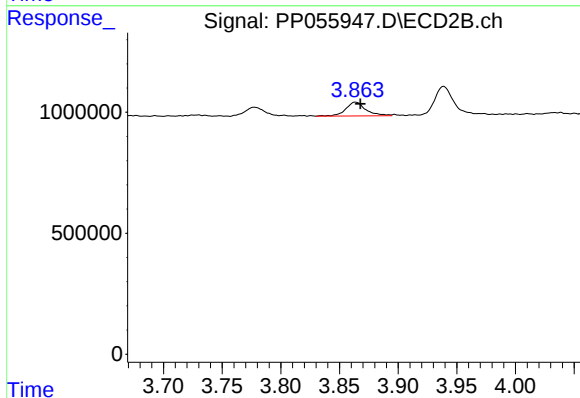
R.T.: 3.777 min
Delta R.T.: -0.004 min
Response: 448062
Conc: 24.94 ng/ml



#9 AR-1221-2

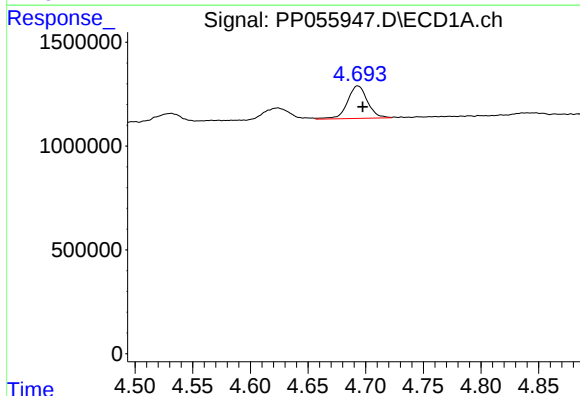
R.T.: 4.624 min
Delta R.T.: 0.003 min
Response: 917318
Conc: 57.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



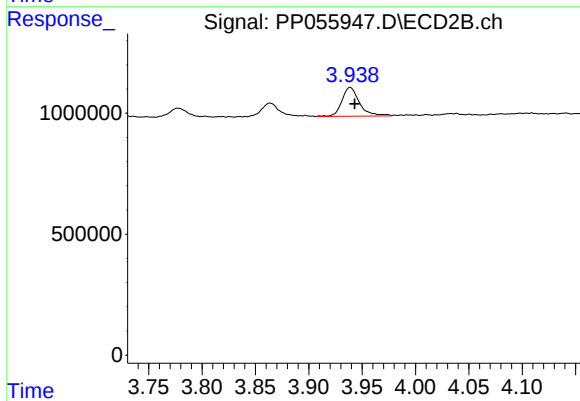
#9 AR-1221-2

R.T.: 3.864 min
Delta R.T.: -0.004 min
Response: 680913
Conc: 51.85 ng/ml



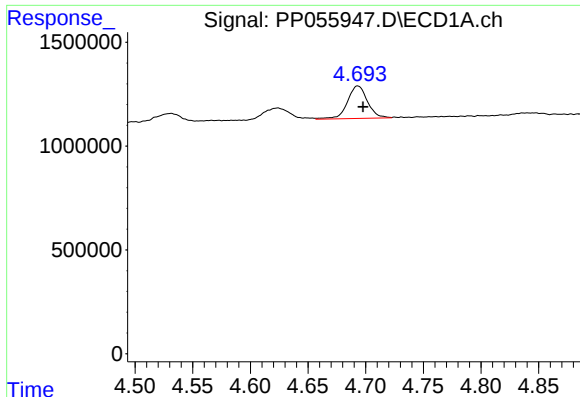
#10 AR-1221-3

R.T.: 4.693 min
Delta R.T.: -0.004 min
Response: 1884734
Conc: 38.85 ng/ml



#10 AR-1221-3

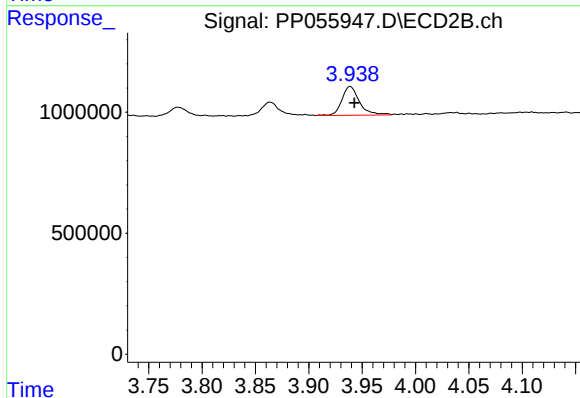
R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 1378274
Conc: 33.02 ng/ml



#11 AR-1232-1

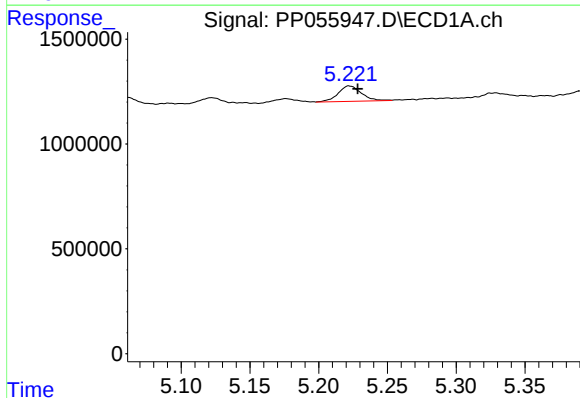
R.T.: 4.693 min
Delta R.T.: -0.005 min
Response: 1884734
Conc: 47.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



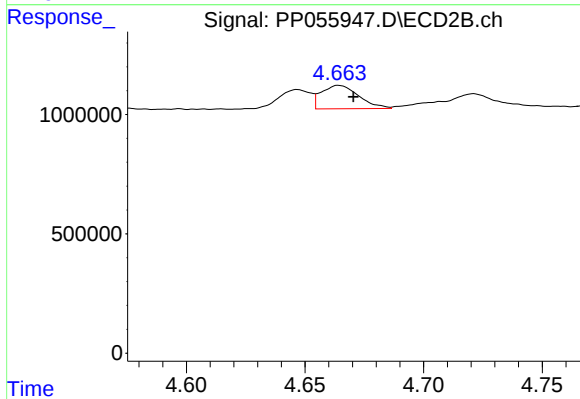
#11 AR-1232-1

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 1378274
Conc: 40.04 ng/ml



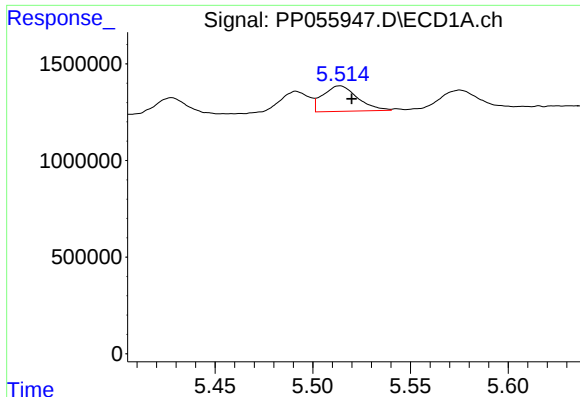
#12 AR-1232-2

R.T.: 5.222 min
Delta R.T.: -0.006 min
Response: 867266
Conc: 41.75 ng/ml



#12 AR-1232-2

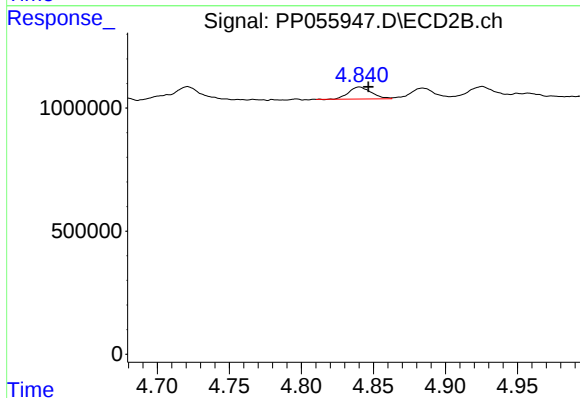
R.T.: 4.664 min
Delta R.T.: -0.006 min
Response: 1070302
Conc: 36.47 ng/ml



#13 AR-1232-3

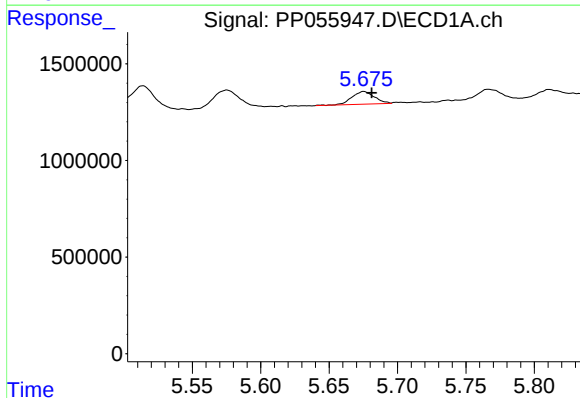
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 1631280
Conc: 41.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



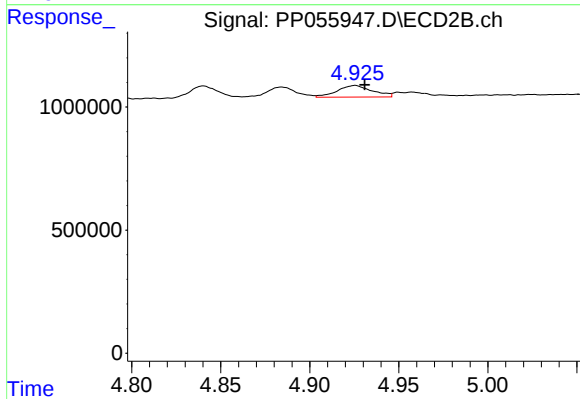
#13 AR-1232-3

R.T.: 4.840 min
Delta R.T.: -0.006 min
Response: 532575
Conc: 35.04 ng/ml



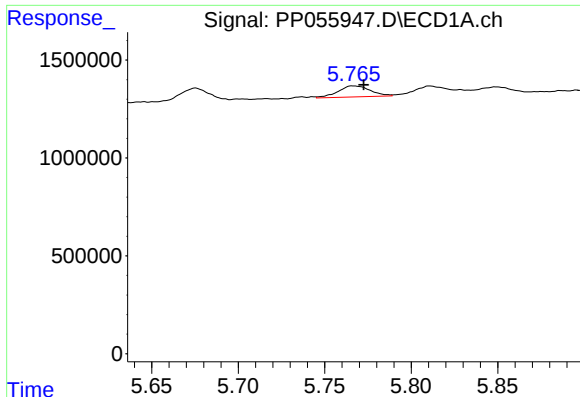
#14 AR-1232-4

R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 750453
Conc: 38.31 ng/ml



#14 AR-1232-4

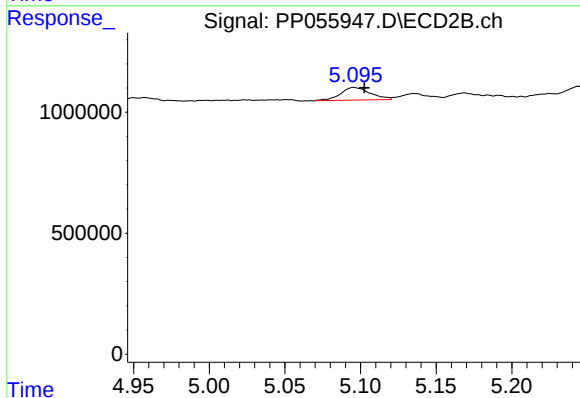
R.T.: 4.925 min
Delta R.T.: -0.005 min
Response: 652131
Conc: 43.02 ng/ml



#15 AR-1232-5

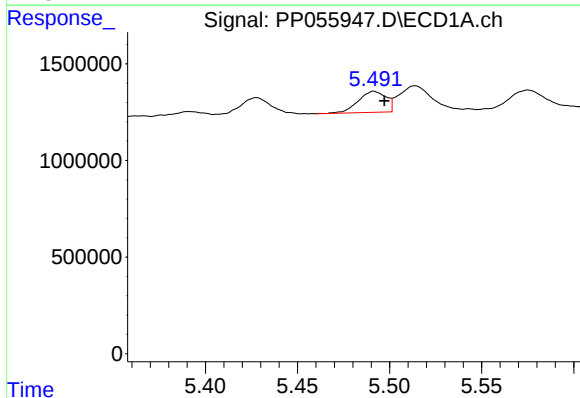
R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 733402
Conc: 45.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



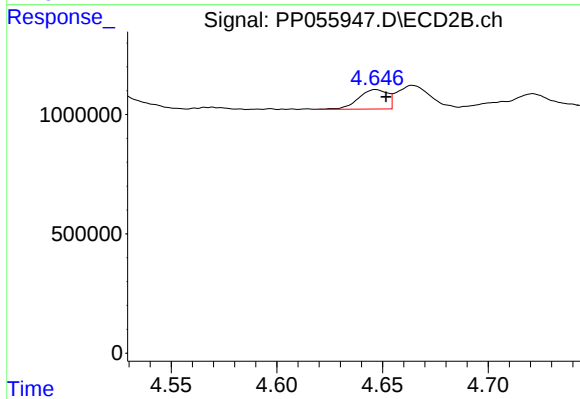
#15 AR-1232-5

R.T.: 5.096 min
Delta R.T.: -0.007 min
Response: 714883
Conc: 43.61 ng/ml



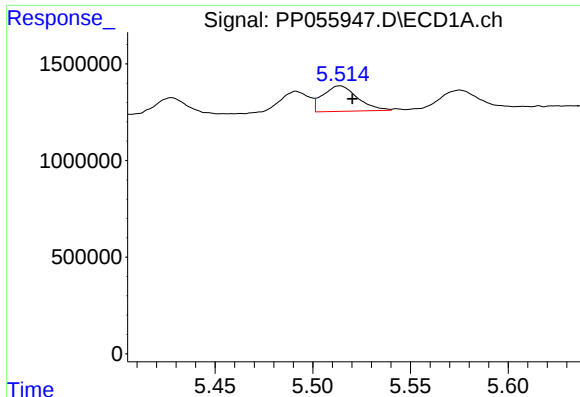
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: -0.006 min
Response: 1151680
Conc: 23.85 ng/ml



#16 AR-1242-1

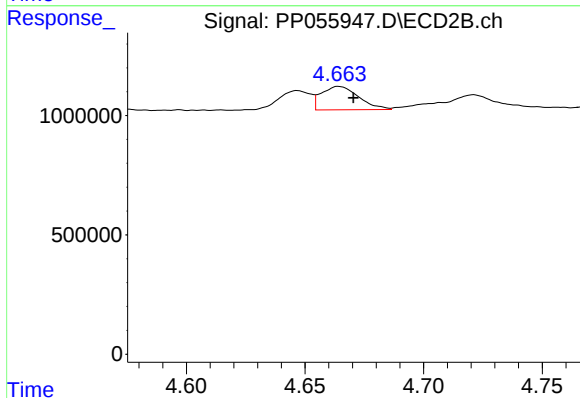
R.T.: 4.647 min
Delta R.T.: -0.005 min
Response: 774874
Conc: 21.06 ng/ml



#17 AR-1242-2

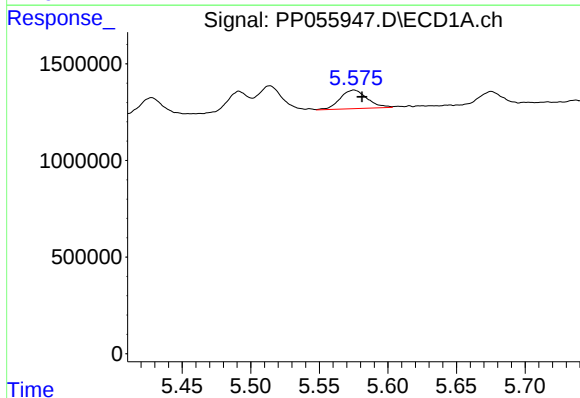
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 1631280
Conc: 22.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



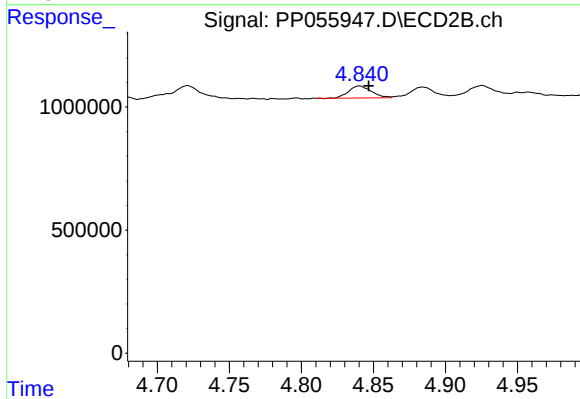
#17 AR-1242-2

R.T.: 4.664 min
Delta R.T.: -0.006 min
Response: 1070302
Conc: 20.32 ng/ml



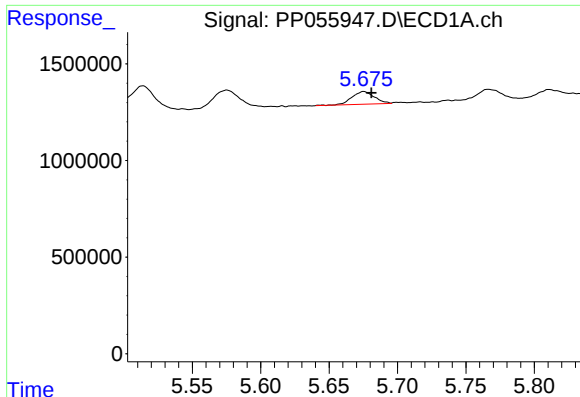
#18 AR-1242-3

R.T.: 5.575 min
Delta R.T.: -0.006 min
Response: 1323371
Conc: 29.66 ng/ml



#18 AR-1242-3

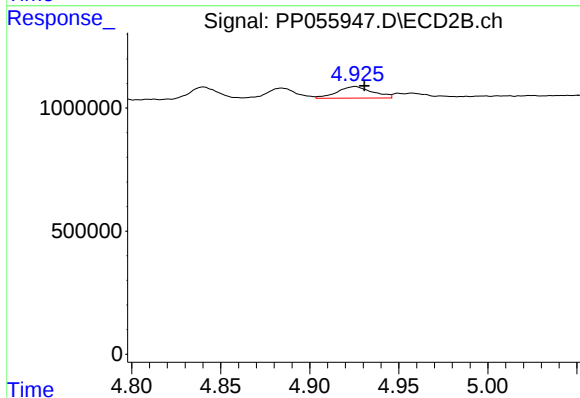
R.T.: 4.840 min
Delta R.T.: -0.006 min
Response: 532575
Conc: 18.81 ng/ml



#19 AR-1242-4

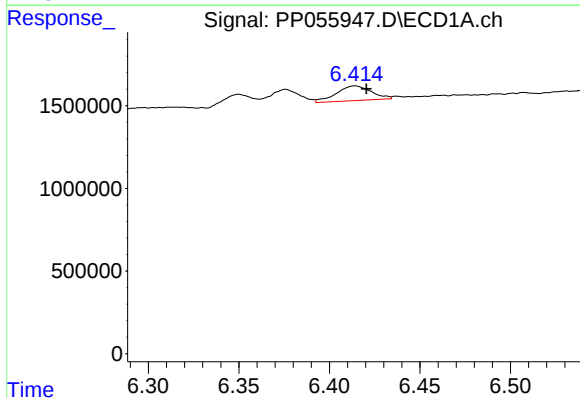
R.T.: 5.675 min
Delta R.T.: -0.005 min
Response: 750453
Conc: 20.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



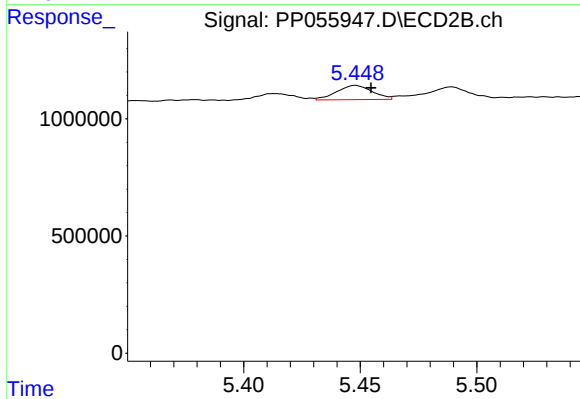
#19 AR-1242-4

R.T.: 4.925 min
Delta R.T.: -0.005 min
Response: 652131
Conc: 21.14 ng/ml



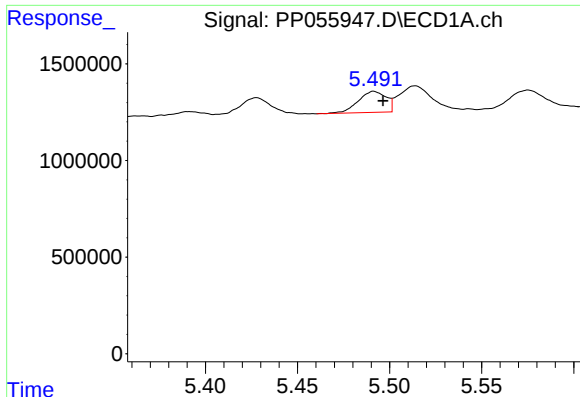
#20 AR-1242-5

R.T.: 6.414 min
Delta R.T.: -0.006 min
Response: 1201124
Conc: 28.67 ng/ml



#20 AR-1242-5

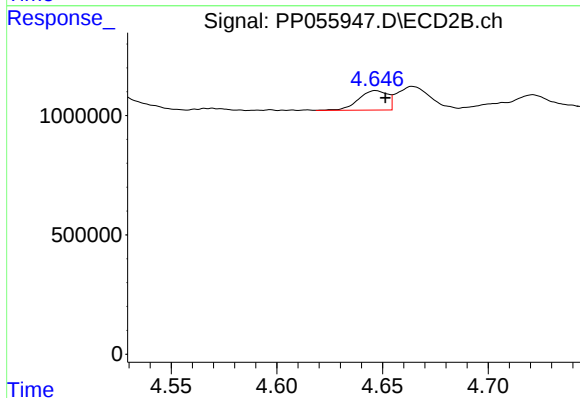
R.T.: 5.448 min
Delta R.T.: -0.007 min
Response: 644671
Conc: 19.35 ng/ml



#21 AR-1248-1

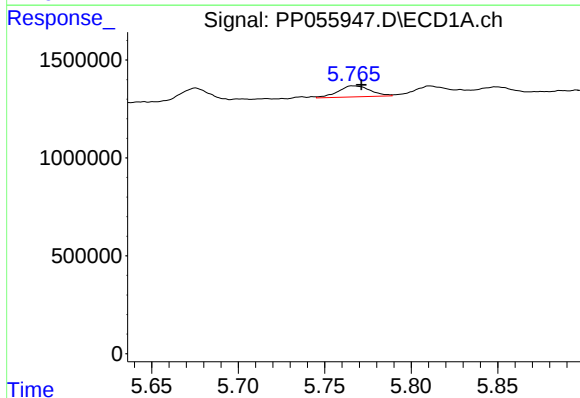
R.T.: 5.491 min
Delta R.T.: -0.005 min
Response: 1151680
Conc: 31.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



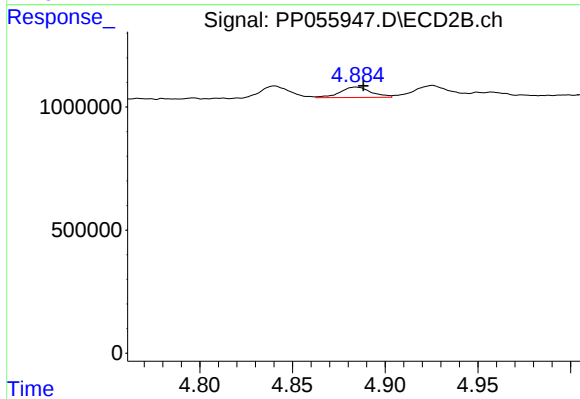
#21 AR-1248-1

R.T.: 4.647 min
Delta R.T.: -0.004 min
Response: 774874
Conc: 27.75 ng/ml



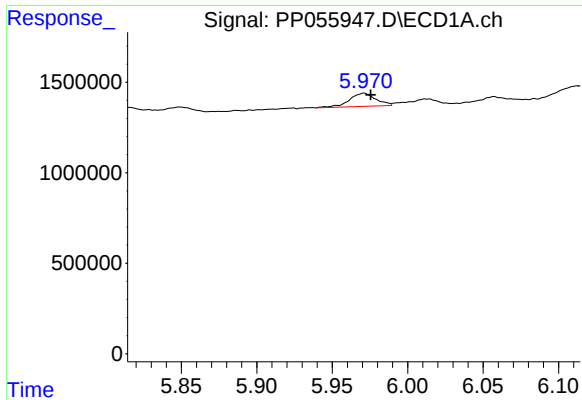
#22 AR-1248-2

R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 733402
Conc: 12.75 ng/ml



#22 AR-1248-2

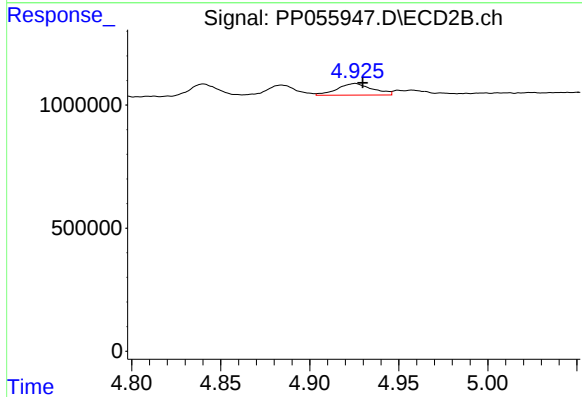
R.T.: 4.884 min
Delta R.T.: -0.004 min
Response: 497795
Conc: 11.70 ng/ml



#23 AR-1248-3

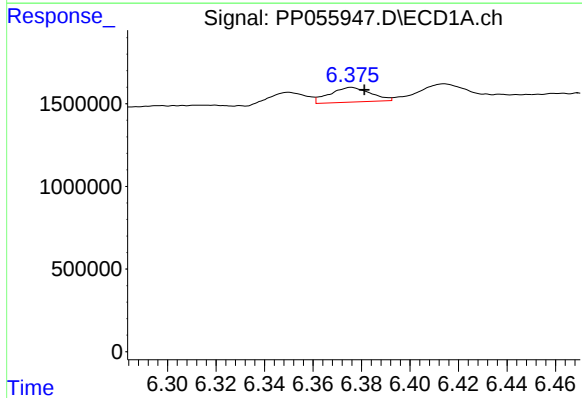
R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 883302
Conc: 13.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



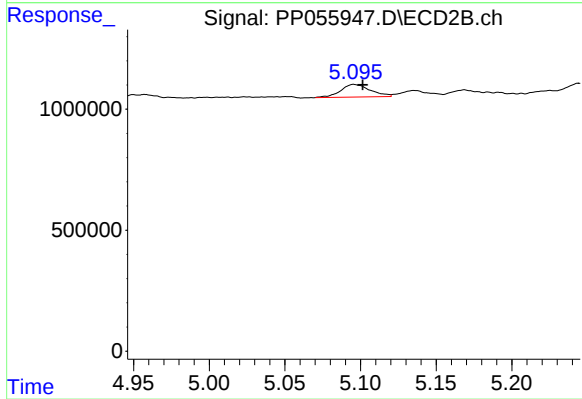
#23 AR-1248-3

R.T.: 4.925 min
Delta R.T.: -0.004 min
Response: 652131
Conc: 14.65 ng/ml



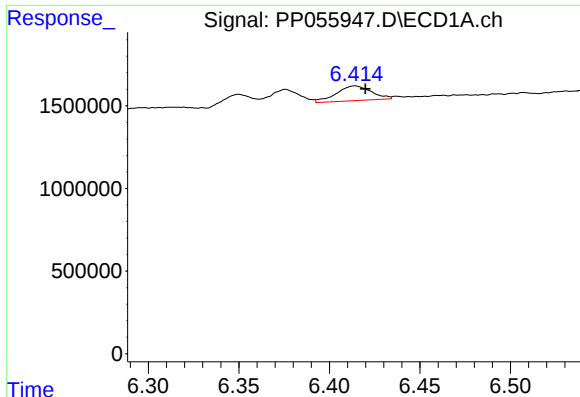
#24 AR-1248-4

R.T.: 6.376 min
Delta R.T.: -0.005 min
Response: 1046483
Conc: 14.42 ng/ml



#24 AR-1248-4

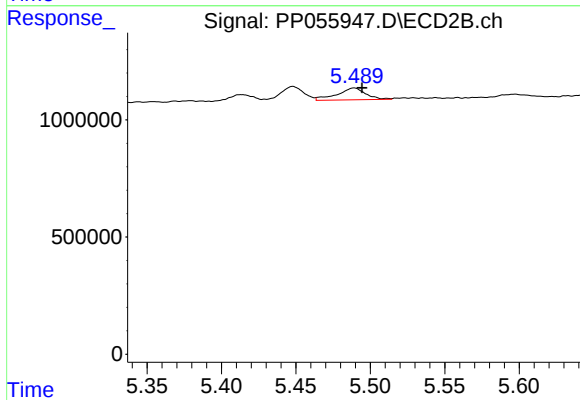
R.T.: 5.096 min
Delta R.T.: -0.006 min
Response: 714883
Conc: 13.96 ng/ml



#25 AR-1248-5

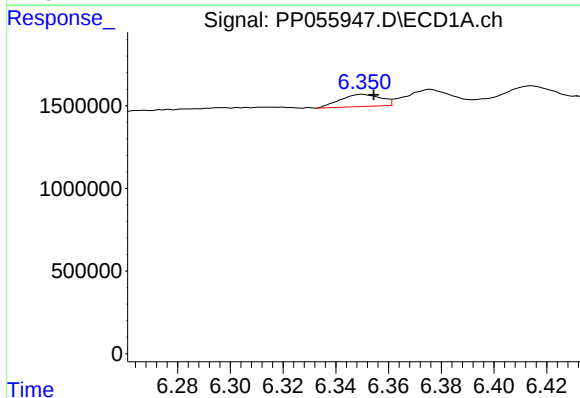
R.T.: 6.414 min
Delta R.T.: -0.006 min
Response: 1201124
Conc: 16.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



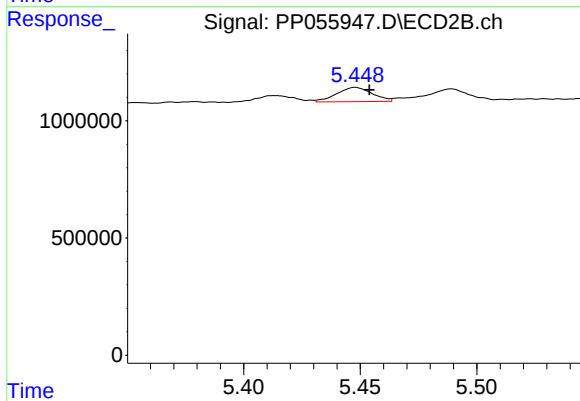
#25 AR-1248-5

R.T.: 5.489 min
Delta R.T.: -0.005 min
Response: 672842
Conc: 15.27 ng/ml



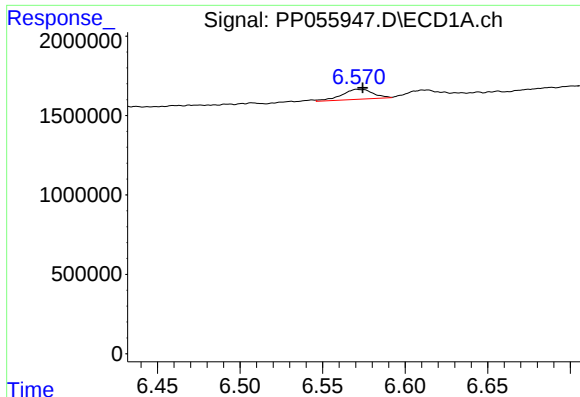
#26 AR-1254-1

R.T.: 6.350 min
Delta R.T.: -0.004 min
Response: 786615
Conc: 10.70 ng/ml



#26 AR-1254-1

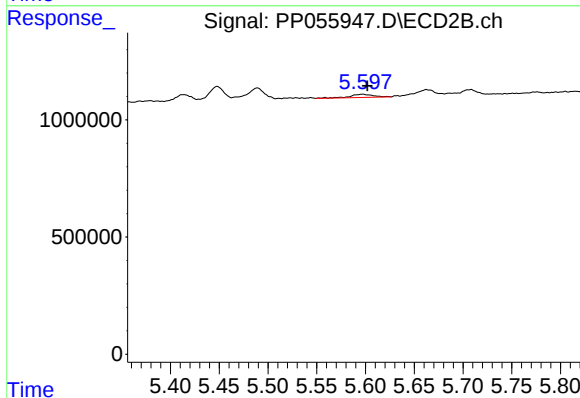
R.T.: 5.448 min
Delta R.T.: -0.006 min
Response: 644671
Conc: 8.76 ng/ml



#27 AR-1254-2

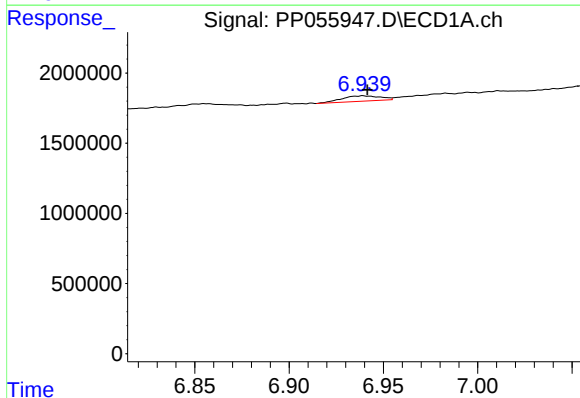
R.T.: 6.571 min
Delta R.T.: -0.004 min
Response: 825512
Conc: 7.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



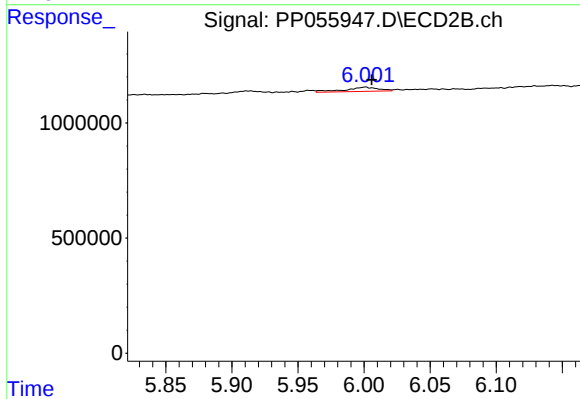
#27 AR-1254-2

R.T.: 5.597 min
Delta R.T.: -0.005 min
Response: 234140
Conc: 3.72 ng/ml



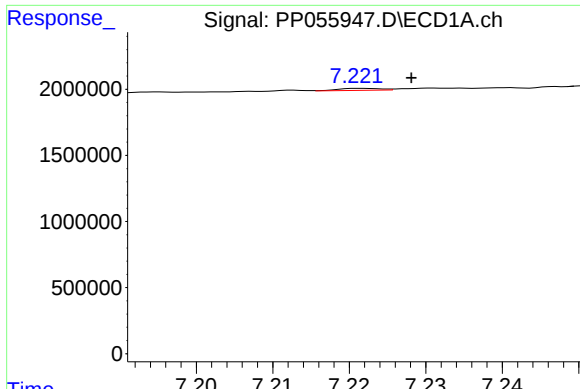
#28 AR-1254-3

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 550710
Conc: 4.47 ng/ml



#28 AR-1254-3

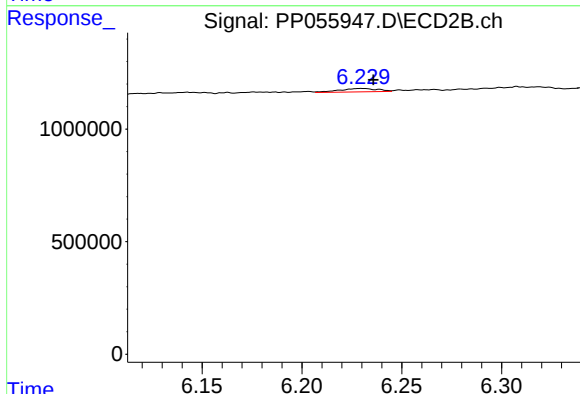
R.T.: 6.001 min
Delta R.T.: -0.005 min
Response: 321522
Conc: 3.28 ng/ml



#29 AR-1254-4

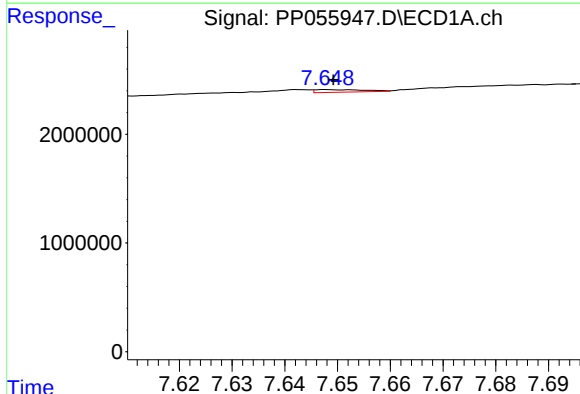
R.T.: 7.222 min
Delta R.T.: -0.007 min
Response: 56160
Conc: 0.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



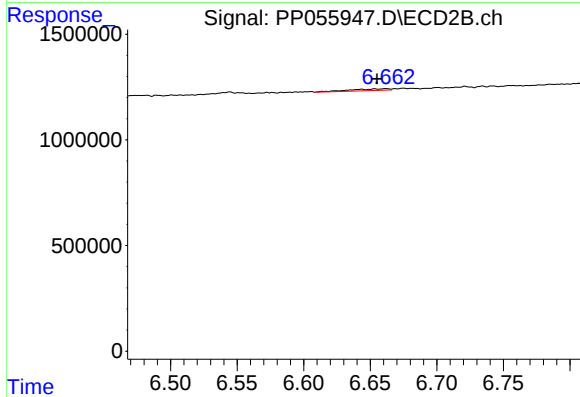
#29 AR-1254-4

R.T.: 6.230 min
Delta R.T.: -0.006 min
Response: 195389
Conc: 3.55 ng/ml



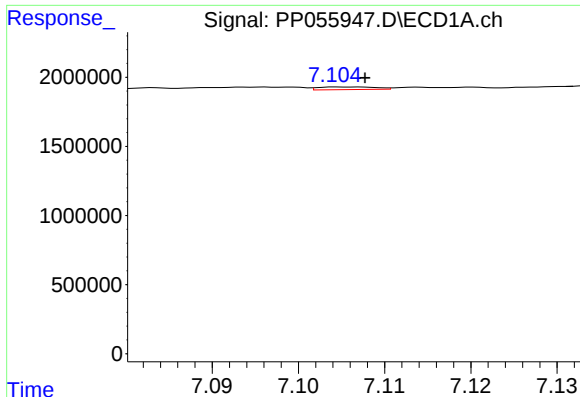
#30 AR-1254-5

R.T.: 7.648 min
Delta R.T.: -0.001 min
Response: 157392
Conc: 1.50 ng/ml



#30 AR-1254-5

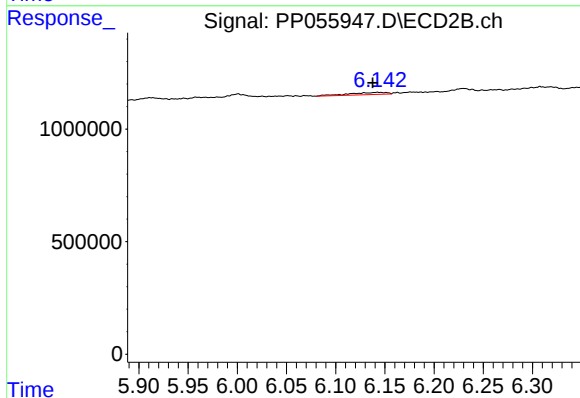
R.T.: 6.662 min
Delta R.T.: 0.007 min
Response: 164959
Conc: 2.03 ng/ml



#31 AR-1260-1

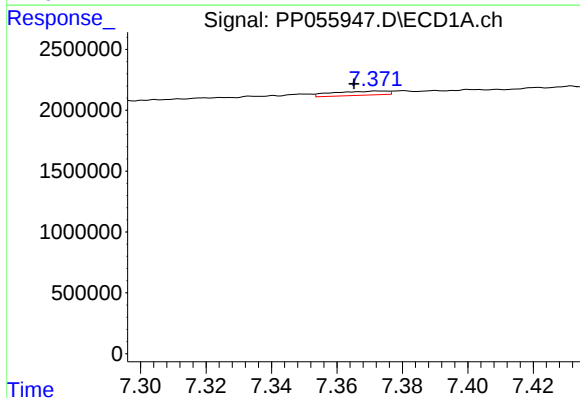
R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 88648
Conc: 0.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



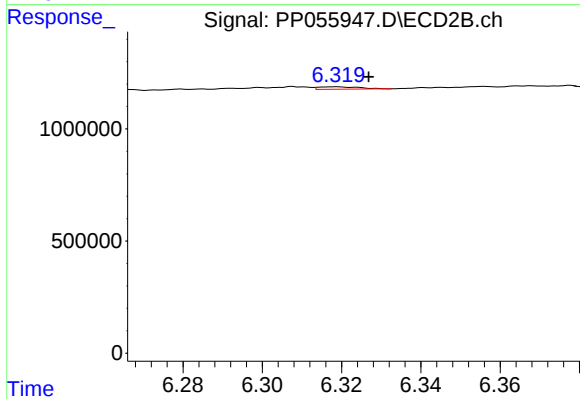
#31 AR-1260-1

R.T.: 6.143 min
Delta R.T.: 0.005 min
Response: 254409
Conc: 3.49 ng/ml



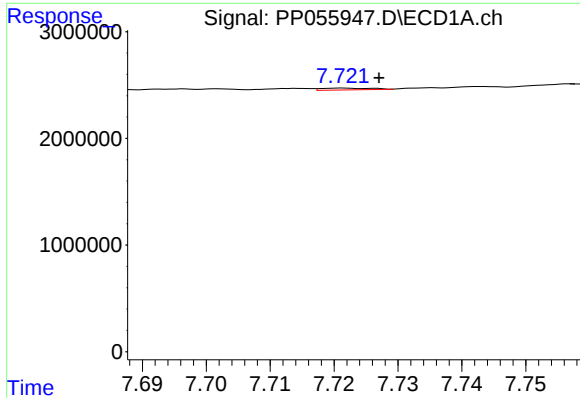
#32 AR-1260-2

R.T.: 7.372 min
Delta R.T.: 0.007 min
Response: 388389
Conc: 3.09 ng/ml



#32 AR-1260-2

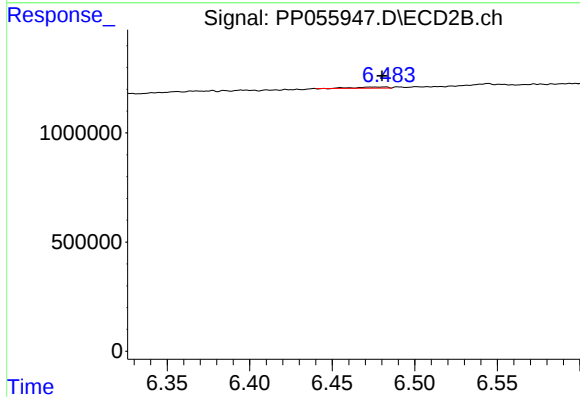
R.T.: 6.318 min
Delta R.T.: -0.008 min
Response: 73477
Conc: 0.90 ng/ml



#33 AR-1260-3

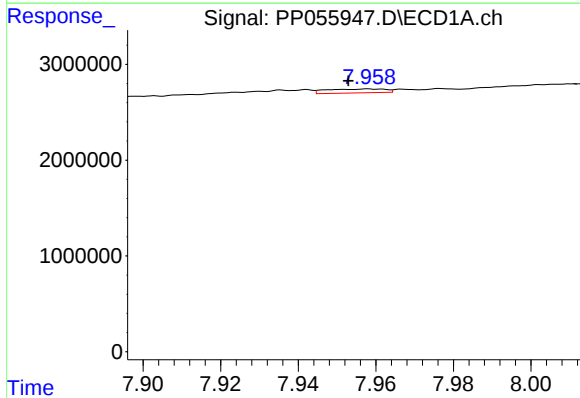
R.T.: 7.721 min
Delta R.T.: -0.006 min
Response: 90341
Conc: 1.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



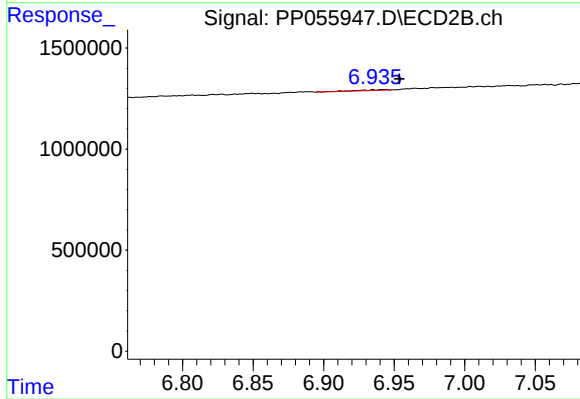
#33 AR-1260-3

R.T.: 6.482 min
Delta R.T.: 0.002 min
Response: 65034
Conc: 0.77 ng/ml



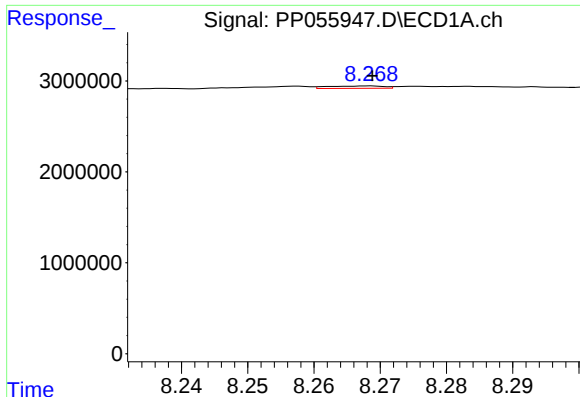
#34 AR-1260-4

R.T.: 7.958 min
Delta R.T.: 0.005 min
Response: 434228
Conc: 4.04 ng/ml



#34 AR-1260-4

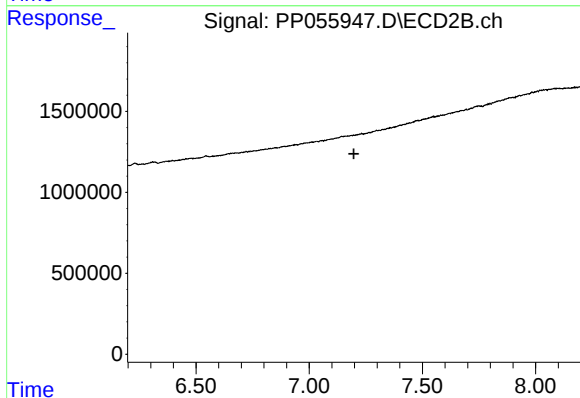
R.T.: 6.935 min
Delta R.T.: -0.018 min
Response: 72972
Conc: 1.14 ng/ml



#35 AR-1260-5

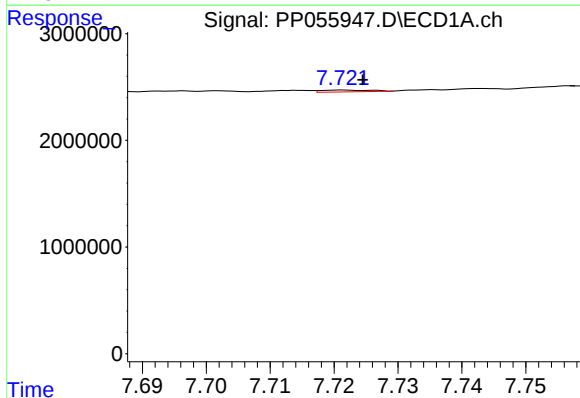
R.T.: 8.268 min
Delta R.T.: 0.000 min
Response: 150697
Conc: 0.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



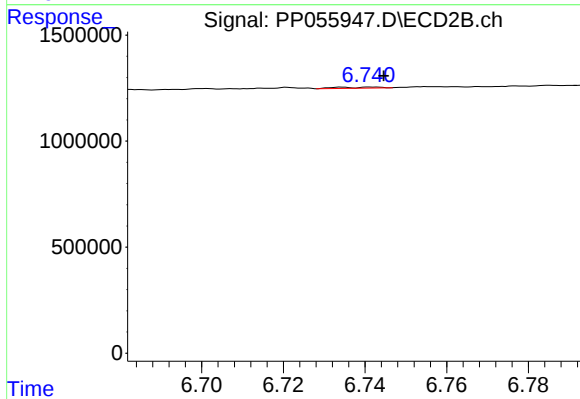
#35 AR-1260-5

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



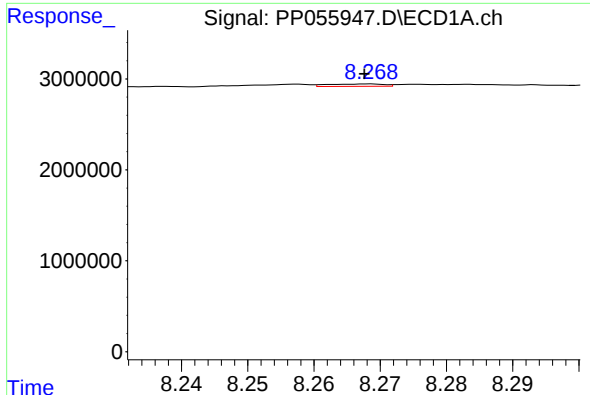
#36 AR-1262-1

R.T.: 7.721 min
Delta R.T.: -0.003 min
Response: 90341
Conc: 0.77 ng/ml



#36 AR-1262-1

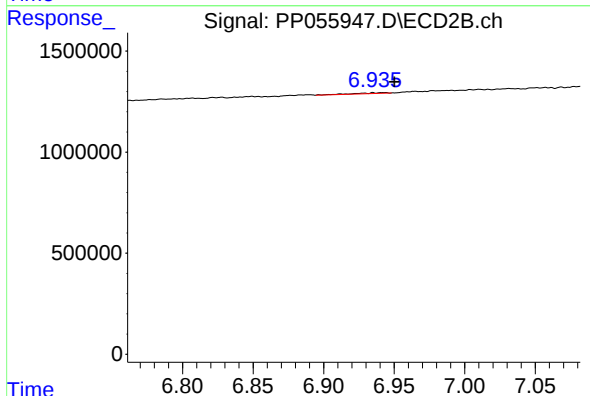
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 39199
Conc: 1.11 ng/ml



#37 AR-1262-2

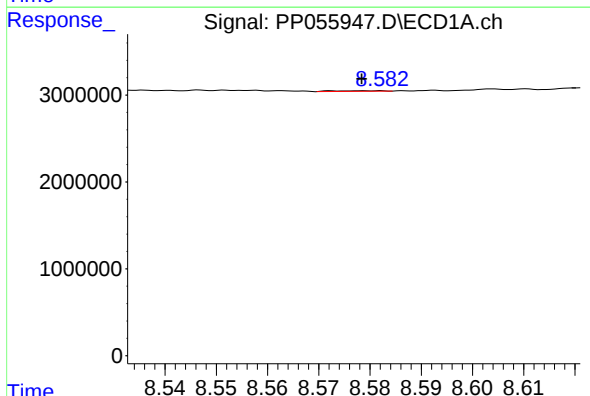
R.T.: 8.268 min
Delta R.T.: 0.000 min
Response: 150697
Conc: 0.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



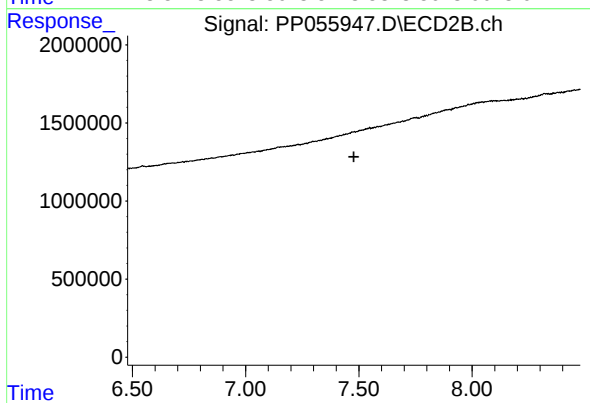
#37 AR-1262-2

R.T.: 6.935 min
Delta R.T.: -0.015 min
Response: 72972
Conc: 0.98 ng/ml



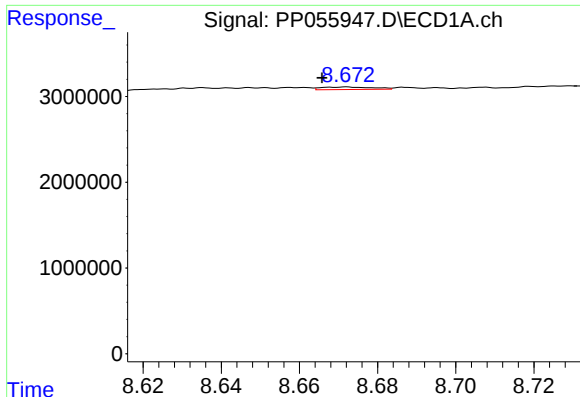
#38 AR-1262-3

R.T.: 8.582 min
Delta R.T.: 0.004 min
Response: 46642
Conc: 0.31 ng/ml



#38 AR-1262-3

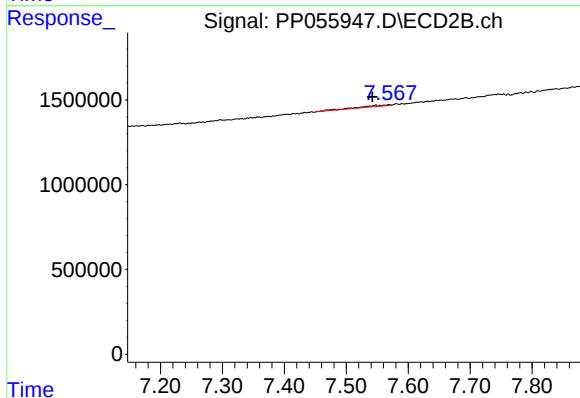
R.T.: 0.000 min
Exp R.T. : 7.478 min
Response: 0
Conc: N.D.



#39 AR-1262-4

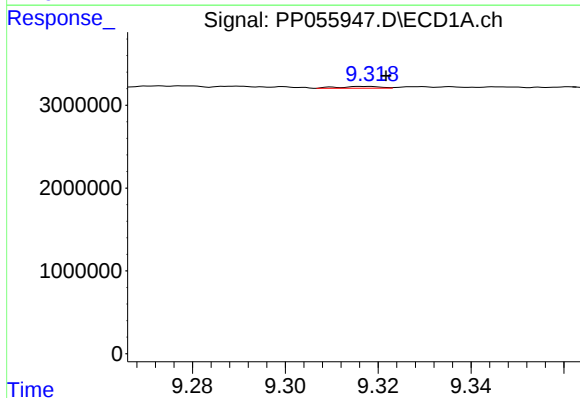
R.T.: 8.672 min
Delta R.T.: 0.006 min
Response: 265763
Conc: 3.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



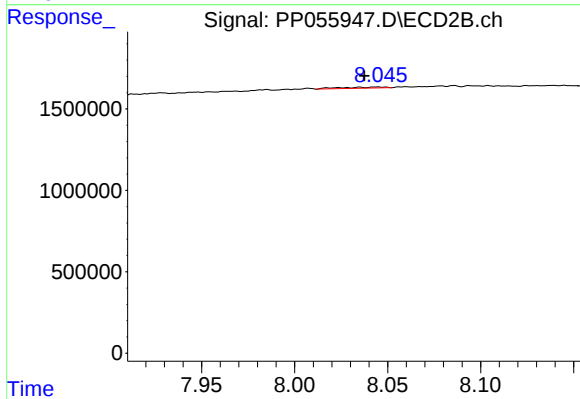
#39 AR-1262-4

R.T.: 7.548 min
Delta R.T.: 0.006 min
Response: 257660
Conc: 2.54 ng/ml



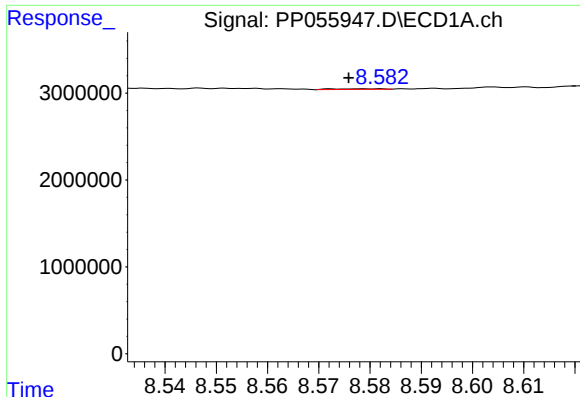
#40 AR-1262-5

R.T.: 9.318 min
Delta R.T.: -0.004 min
Response: 137778
Conc: 1.67 ng/ml



#40 AR-1262-5

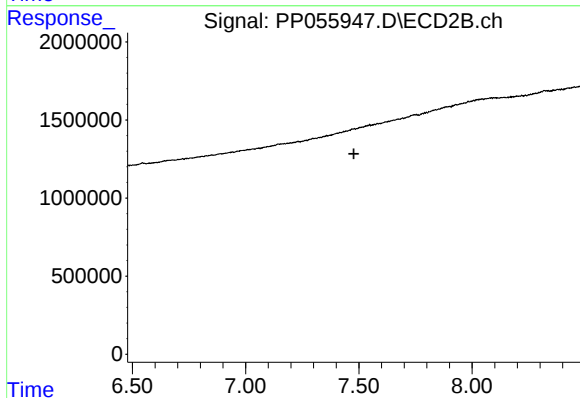
R.T.: 8.044 min
Delta R.T.: 0.007 min
Response: 114731
Conc: 2.52 ng/ml



#41 AR-1268-1

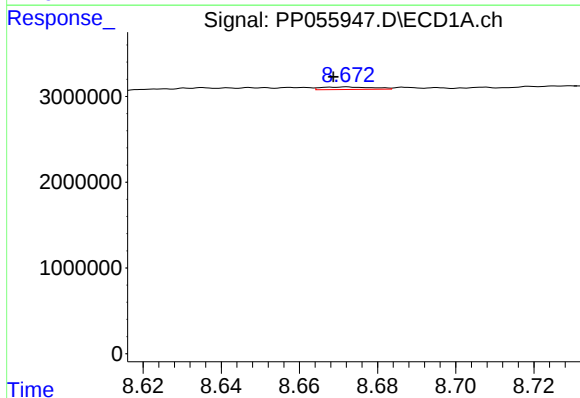
R.T.: 8.582 min
Delta R.T.: 0.006 min
Response: 46642
Conc: 0.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



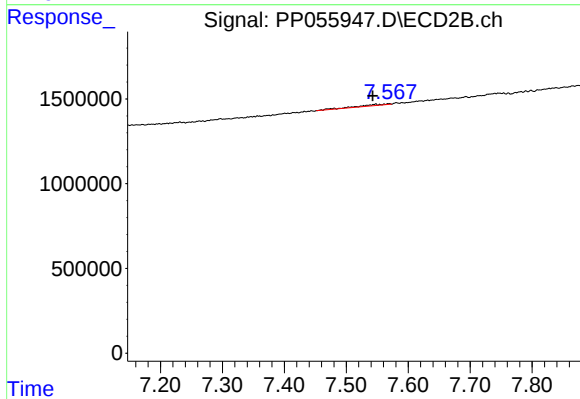
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.478 min
Response: 0
Conc: N.D.



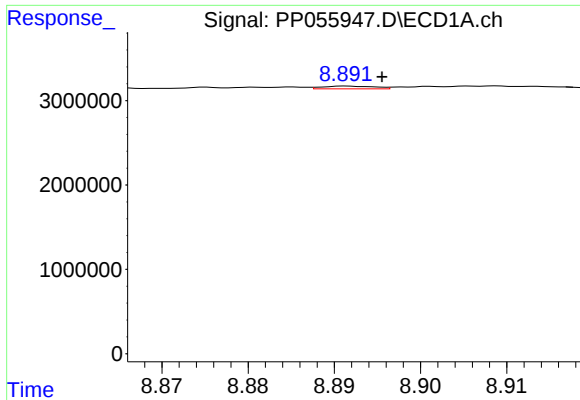
#42 AR-1268-2

R.T.: 8.672 min
Delta R.T.: 0.004 min
Response: 265763
Conc: 1.00 ng/ml



#42 AR-1268-2

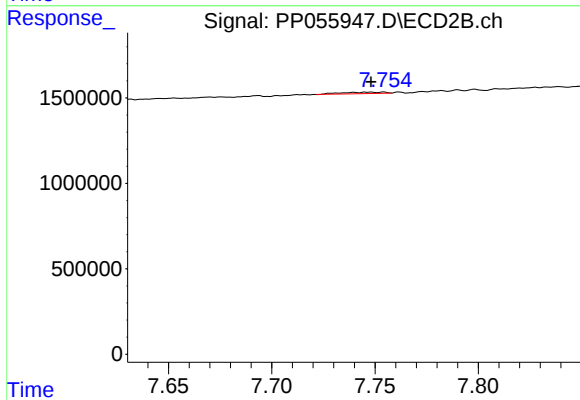
R.T.: 7.548 min
Delta R.T.: 0.005 min
Response: 257660
Conc: 1.68 ng/ml



#43 AR-1268-3

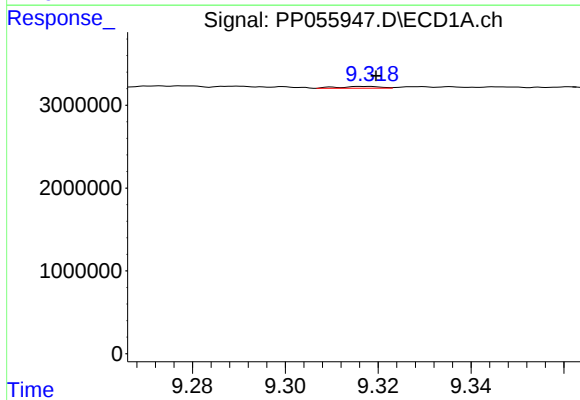
R.T.: 8.891 min
Delta R.T.: -0.004 min
Response: 134642
Conc: 0.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



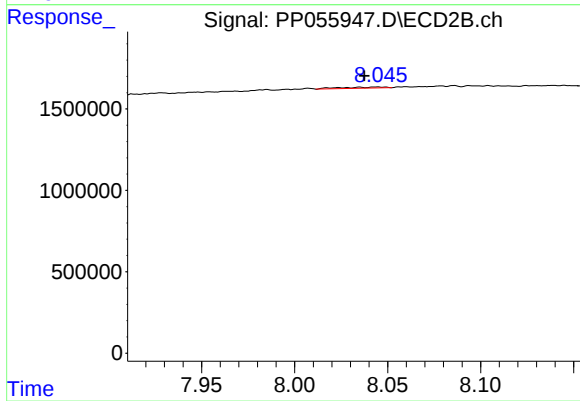
#43 AR-1268-3

R.T.: 7.747 min
Delta R.T.: -0.001 min
Response: 128707
Conc: 0.94 ng/ml



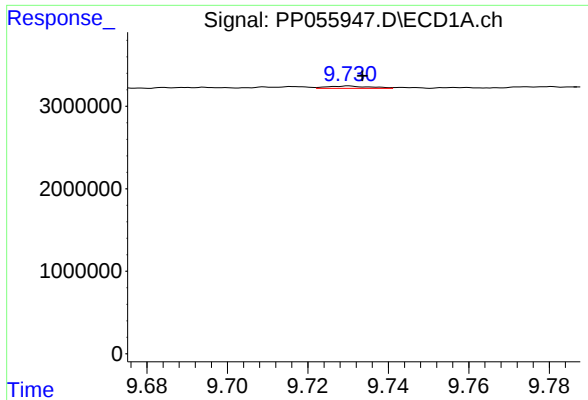
#44 AR-1268-4

R.T.: 9.318 min
Delta R.T.: -0.001 min
Response: 137778
Conc: 1.40 ng/ml



#44 AR-1268-4

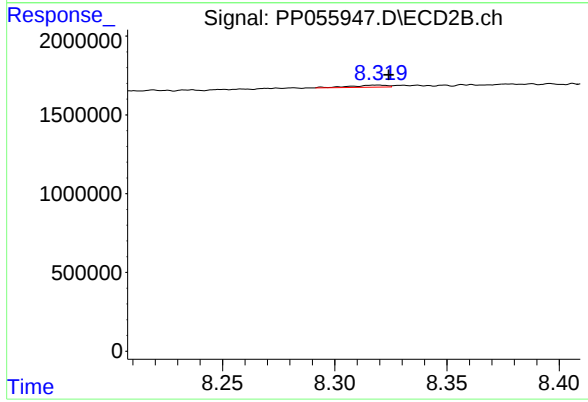
R.T.: 8.044 min
Delta R.T.: 0.007 min
Response: 114731
Conc: 2.09 ng/ml



#45 AR-1268-5

R.T.: 9.730 min
Delta R.T.: -0.003 min
Response: 200210
Conc: 0.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.319 min
Delta R.T.: -0.005 min
Response: 143348
Conc: 0.36 ng/ml