

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100923\
 Data File : PP060764.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 17:00
 Operator : YP\AJ
 Sample : 04699-01
 Misc : AR1232 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: Oct 09 18:49:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.532	3.684	41457730	28974296	18.512	19.465
2)	SA Decachlor...	10.464	8.748	35084289	28303542	19.872	17.351
Target Compounds							
3)	L1 AR-1016-1	5.720	4.781	690422	535555	9.380	9.216
4)	L1 AR-1016-2	5.743	4.801	881496	709874	8.417	8.818
5)	L1 AR-1016-3	5.806	4.977	559292	397253	8.558	8.889
6)	L1 AR-1016-4	5.906	5.023	562292	127575	10.340	3.545 #
7)	L1 AR-1016-5	6.205	5.235	329359	311678	5.921	6.414
8)	L2 AR-1221-1	0.000	3.899	0	303011	N.D.	14.505 #
9)	L2 AR-1221-2	4.843	3.988	1067642	859355	49.971	57.633
10)	L2 AR-1221-3	4.909	4.063	1367856	819133	22.524	18.647
11)	L3 AR-1232-1	4.909f	4.063	1367856	819133	27.173	22.510
12)	L3 AR-1232-2	5.448f	4.801	413789	709874	15.111	19.465 #
13)	L3 AR-1232-3	5.743f	4.977	881496	397253	18.991	19.848
14)	L3 AR-1232-4	5.906f	5.062	562292	367104	22.876	19.669
15)	L3 AR-1232-5	5.997f	5.235	271980	311678	13.125	14.985
16)	L4 AR-1242-1	5.720	4.781	690422	535555	10.804	10.578
17)	L4 AR-1242-2	5.743	4.801	881496	709874	9.735	10.222
18)	L4 AR-1242-3	5.806	4.977	559292	397253	9.934	10.315
19)	L4 AR-1242-4	5.906	5.062	562292	367104	12.039	9.321
20)	L4 AR-1242-5	6.652	5.590	552814	228371	10.991	4.669 #
21)	L5 AR-1248-1	5.720	4.781	690422	535555	14.840	14.675
22)	L5 AR-1248-2	5.997	5.023	271980	127575	3.923	2.441 #
23)	L5 AR-1248-3	6.205	5.062	329359	367104	4.337	6.612 #
24)	L5 AR-1248-4	6.613	5.235	507262	311678	6.133	4.735
25)	L5 AR-1248-5	6.652	5.630	552814	353315	6.869	5.493
26)	L6 AR-1254-1	6.580	5.590	515586	228371	6.042	2.309 #
27)	L6 AR-1254-2	6.812	5.741	234775	32912	1.840	0.383 #
28)	L6 AR-1254-3	7.179	6.149	692100	121279	5.207	0.846 #
29)	L6 AR-1254-4	7.475	6.370	284232	133913	2.890	1.536 #
30)	L6 AR-1254-5	7.884	6.799	105941	21022	0.978	0.166 #
31)	L7 AR-1260-1	7.343	6.287	139307	88364	1.329	0.880 #
32)	L7 AR-1260-2	0.000	6.476	0	34556	N.D.	0.290 #
33)	L7 AR-1260-3	7.985f	6.634	264035	2060894	2.849	18.000 #
34)	L7 AR-1260-4	0.000	7.099	0	30179	N.D.	0.317 #
35)	L7 AR-1260-5	0.000	7.339	0	97789	N.D.	0.451 #
36)	L8 AR-1262-1	7.985f	6.896	264035	28580	2.117	0.534 #
37)	L8 AR-1262-2	0.000	7.099	0	30179	N.D.	0.256 #
38)	L8 AR-1262-3	0.000	7.629	0	29621	N.D.	0.321 #
39)	L8 AR-1262-4	0.000	7.688	0	22611	N.D.	0.134 #
40)	L8 AR-1262-5	0.000	8.189	0	12624	N.D.	0.163 #
41)	L9 AR-1268-1	0.000	7.629	0	29621	N.D.	0.109 #

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 Misc : AR1232 LOD 25 PPB
 ALS Vial : 21 Sample Multiplier: 1

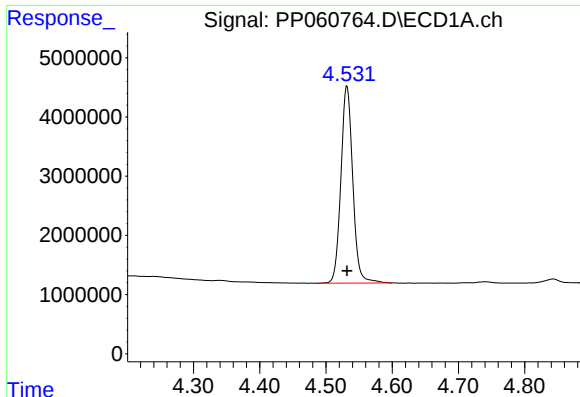
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 18:49:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.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	0.000	7.688	0	22611	N.D.	0.093 #
43) L9	AR-1268-3	0.000	7.891	0	498158	N.D.	2.329 #
44) L9	AR-1268-4	0.000	8.189	0	12624	N.D.	0.144 #
45) L9	AR-1268-5	0.000	8.488	0	36203	N.D.	0.058 #

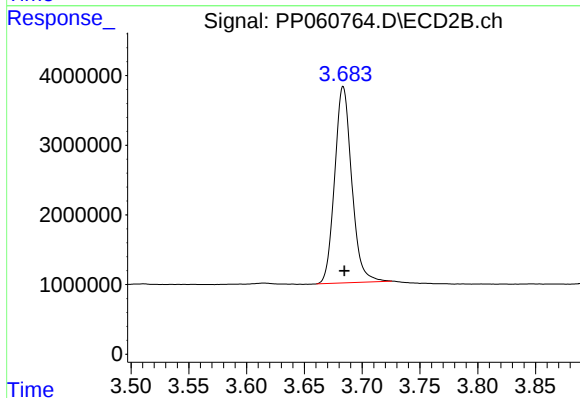
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

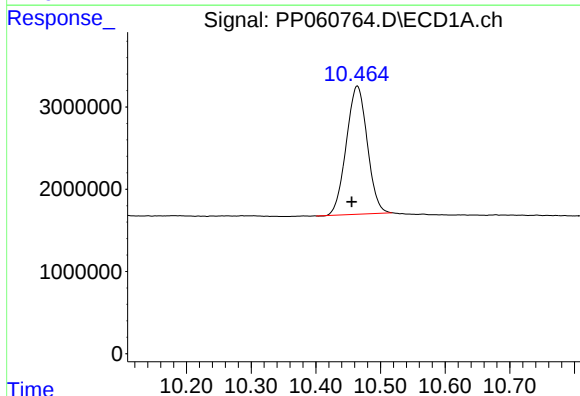
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 41457730
Conc: 18.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



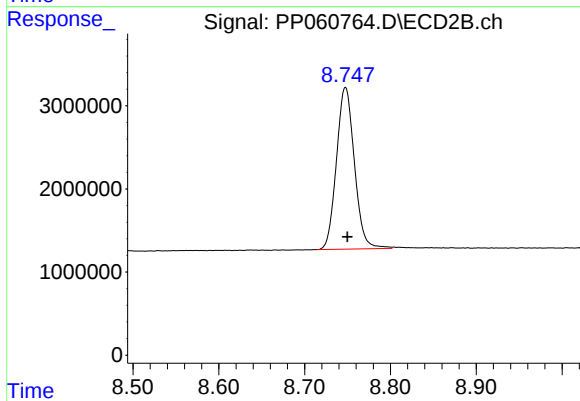
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.001 min
Response: 28974296
Conc: 19.47 ng/ml



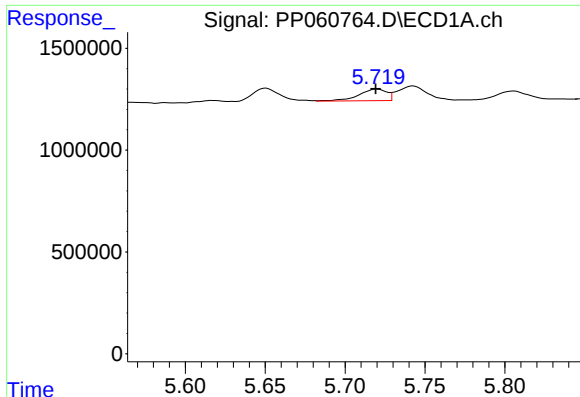
#2 Decachlorobiphenyl

R.T.: 10.464 min
Delta R.T.: 0.009 min
Response: 35084289
Conc: 19.87 ng/ml



#2 Decachlorobiphenyl

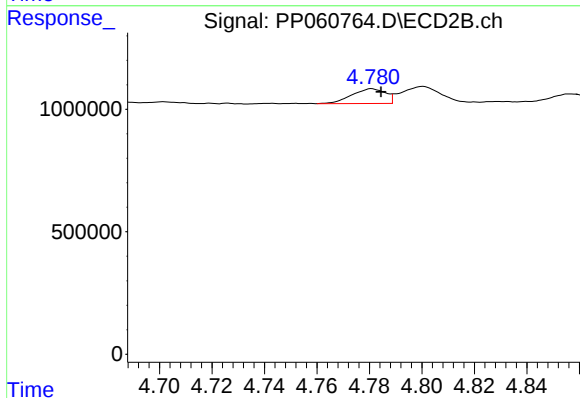
R.T.: 8.748 min
Delta R.T.: -0.002 min
Response: 28303542
Conc: 17.35 ng/ml



#3 AR-1016-1

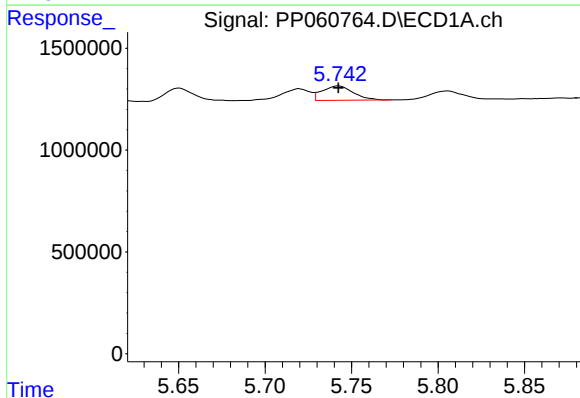
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 690422
Conc: 9.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



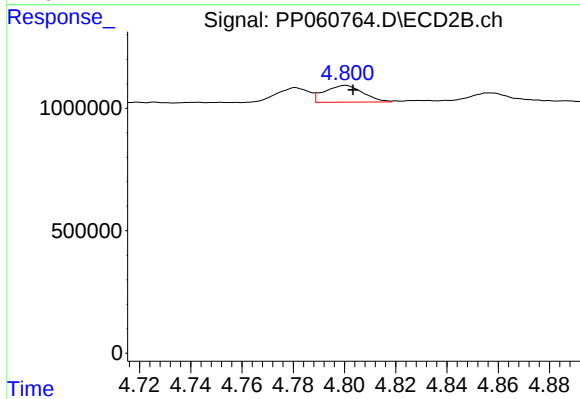
#3 AR-1016-1

R.T.: 4.781 min
Delta R.T.: -0.004 min
Response: 535555
Conc: 9.22 ng/ml



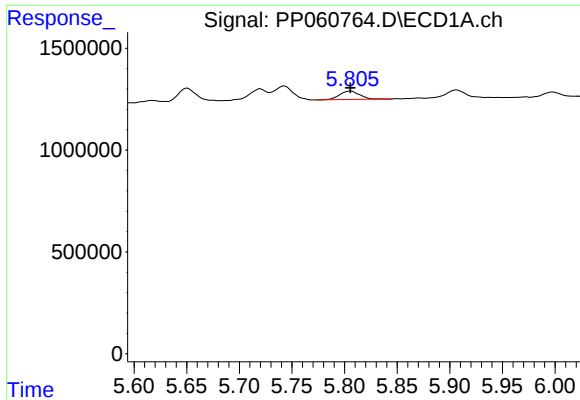
#4 AR-1016-2

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 881496
Conc: 8.42 ng/ml



#4 AR-1016-2

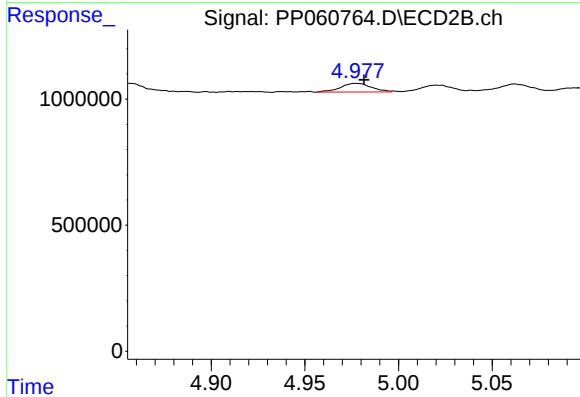
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 709874
Conc: 8.82 ng/ml



#5 AR-1016-3

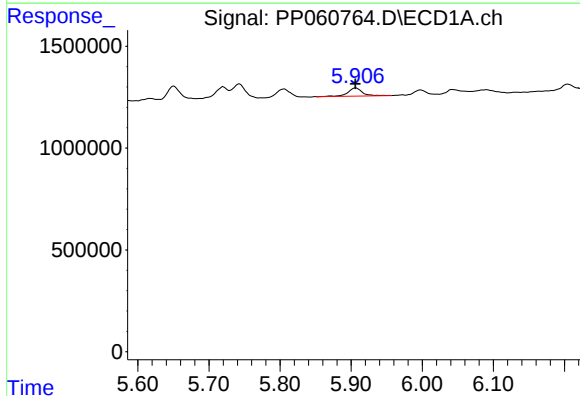
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 559292
Conc: 8.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



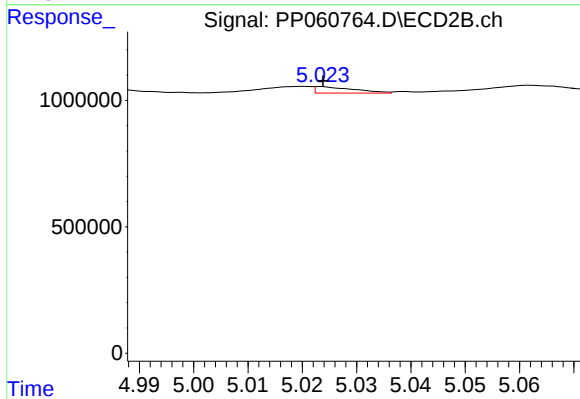
#5 AR-1016-3

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 397253
Conc: 8.89 ng/ml



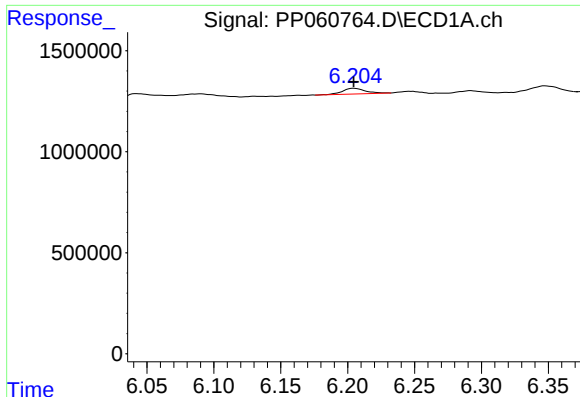
#6 AR-1016-4

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 562292
Conc: 10.34 ng/ml



#6 AR-1016-4

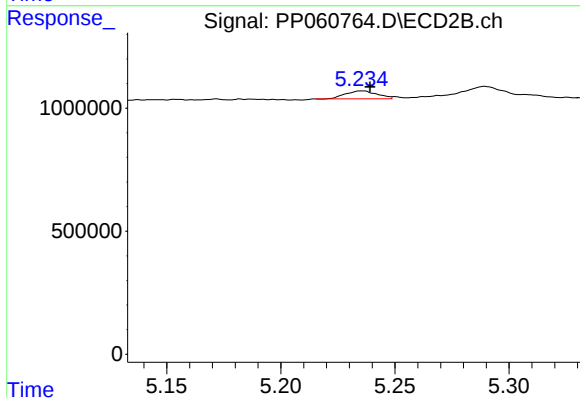
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 127575
Conc: 3.55 ng/ml



#7 AR-1016-5

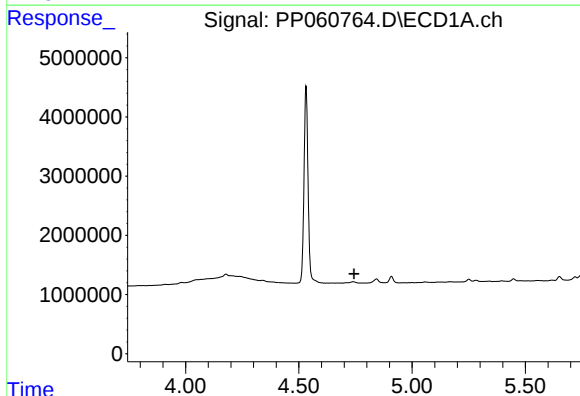
R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 329359
Conc: 5.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



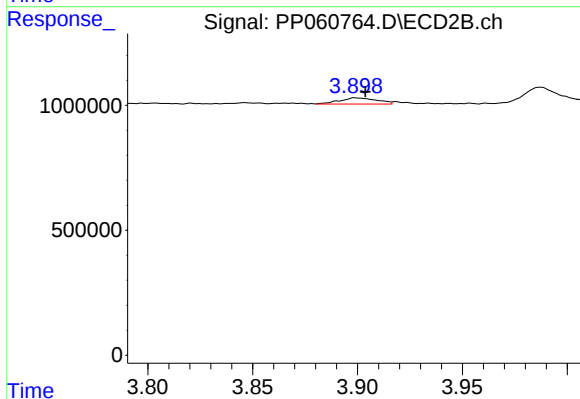
#7 AR-1016-5

R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 311678
Conc: 6.41 ng/ml



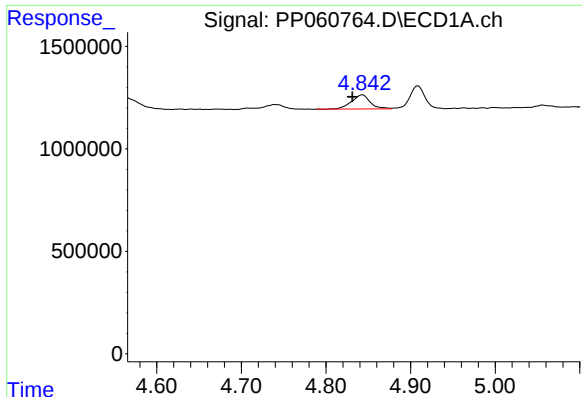
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

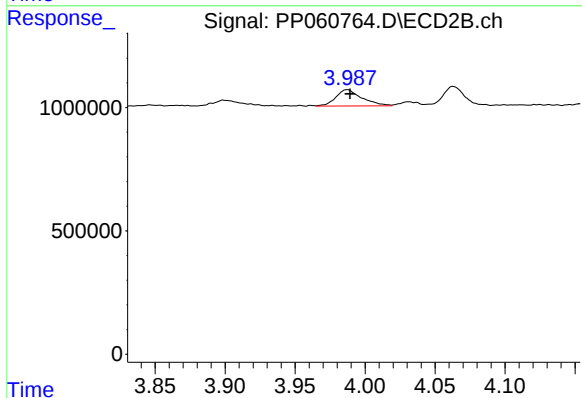
R.T.: 3.899 min
Delta R.T.: -0.005 min
Response: 303011
Conc: 14.50 ng/ml



#9 AR-1221-2

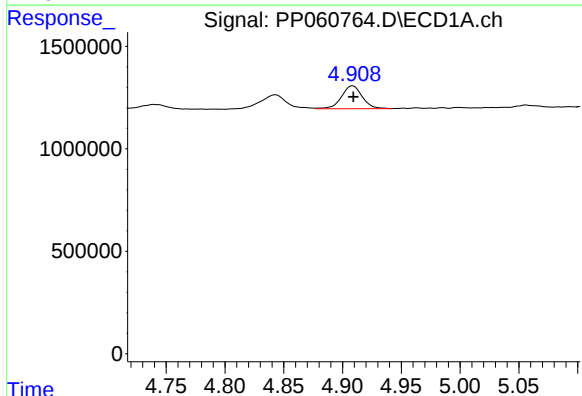
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 1067642
Conc: 49.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



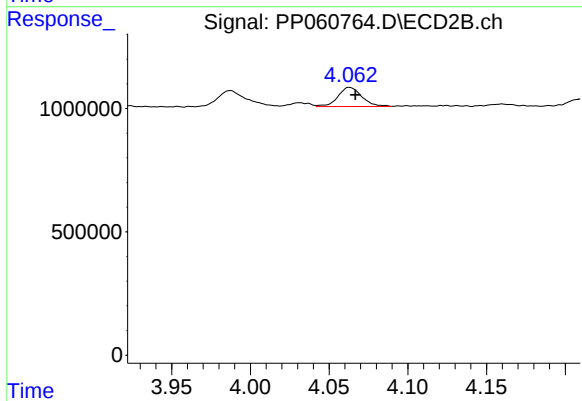
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: -0.002 min
Response: 859355
Conc: 57.63 ng/ml



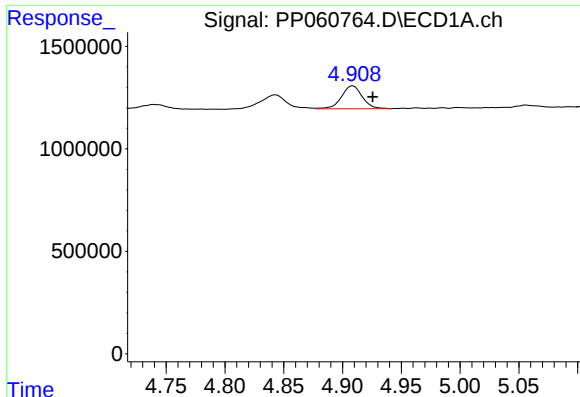
#10 AR-1221-3

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 1367856
Conc: 22.52 ng/ml



#10 AR-1221-3

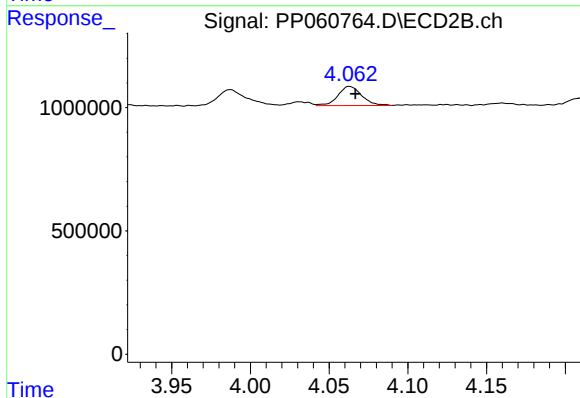
R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 819133
Conc: 18.65 ng/ml



#11 AR-1232-1

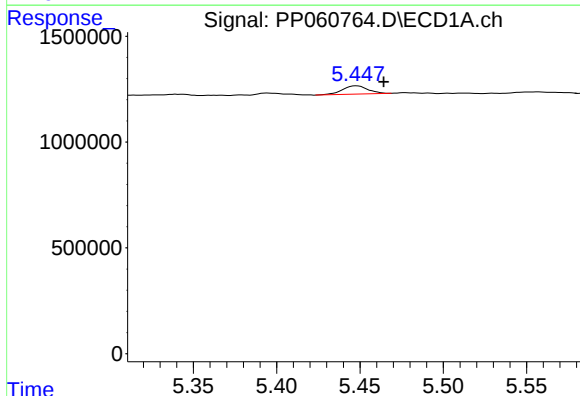
R.T.: 4.909 min
Delta R.T.: -0.017 min
Response: 1367856
Conc: 27.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



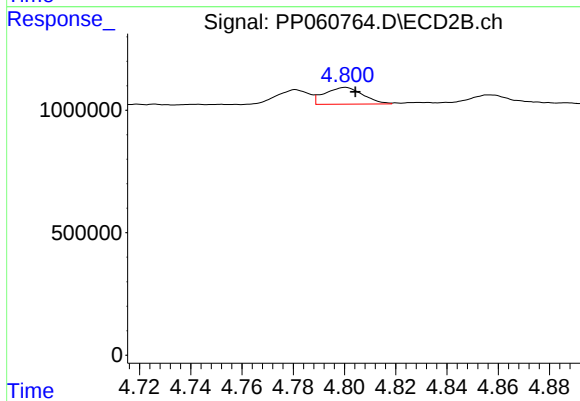
#11 AR-1232-1

R.T.: 4.063 min
Delta R.T.: -0.004 min
Response: 819133
Conc: 22.51 ng/ml



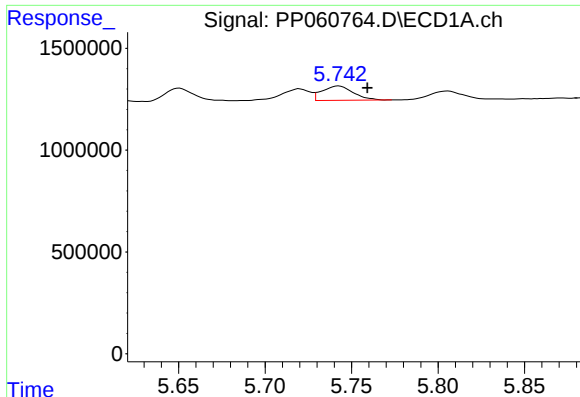
#12 AR-1232-2

R.T.: 5.448 min
Delta R.T.: -0.016 min
Response: 413789
Conc: 15.11 ng/ml



#12 AR-1232-2

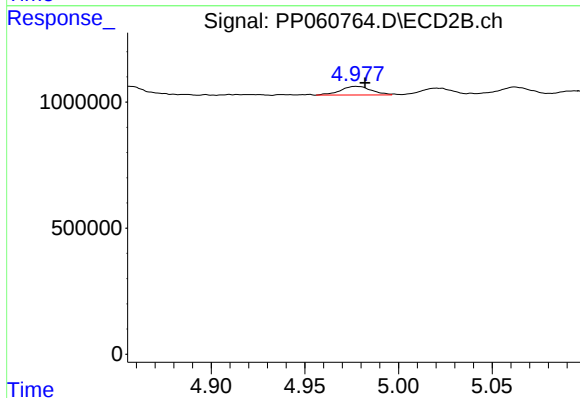
R.T.: 4.801 min
Delta R.T.: -0.004 min
Response: 709874
Conc: 19.47 ng/ml



#13 AR-1232-3

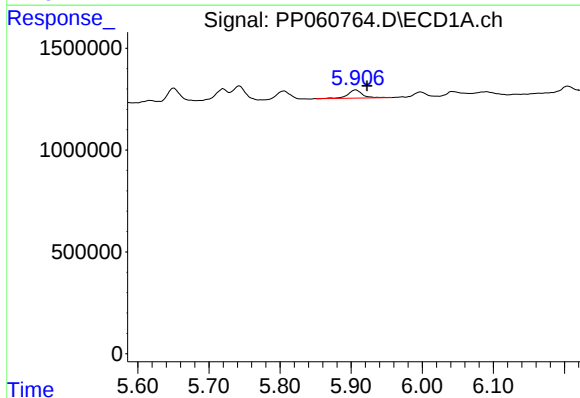
R.T.: 5.743 min
Delta R.T.: -0.017 min
Response: 881496
Conc: 18.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



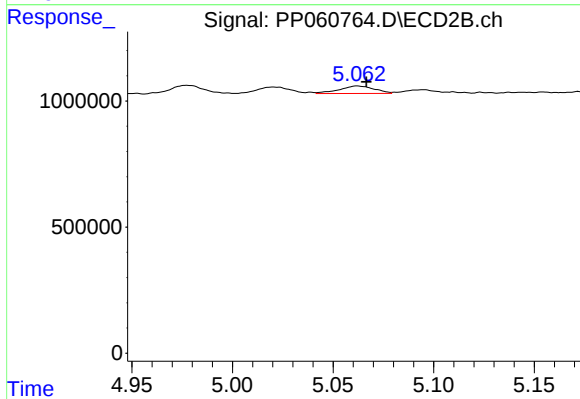
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 397253
Conc: 19.85 ng/ml



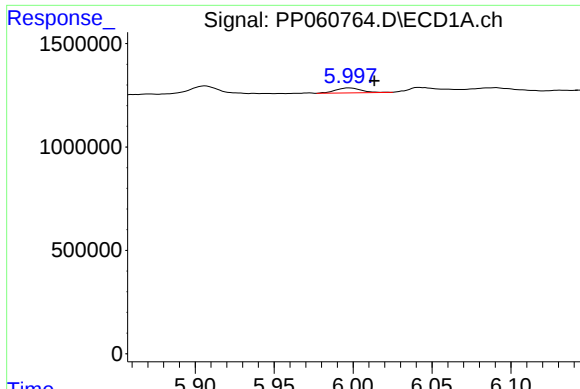
#14 AR-1232-4

R.T.: 5.906 min
Delta R.T.: -0.016 min
Response: 562292
Conc: 22.88 ng/ml



#14 AR-1232-4

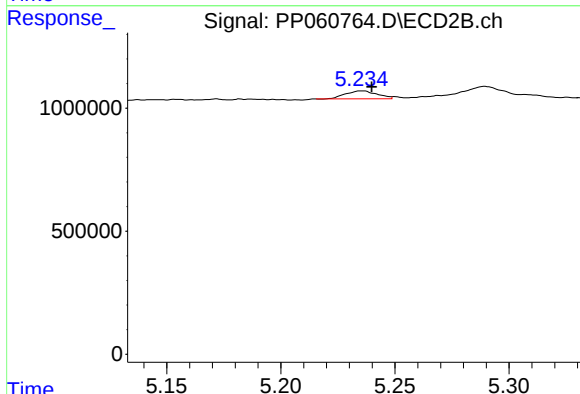
R.T.: 5.062 min
Delta R.T.: -0.005 min
Response: 367104
Conc: 19.67 ng/ml



#15 AR-1232-5

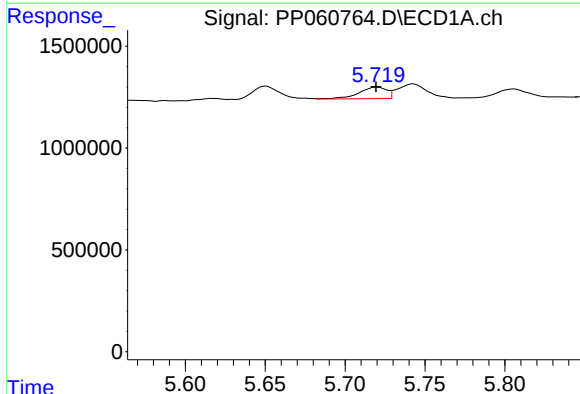
R.T.: 5.997 min
Delta R.T.: -0.016 min
Response: 271980
Conc: 13.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



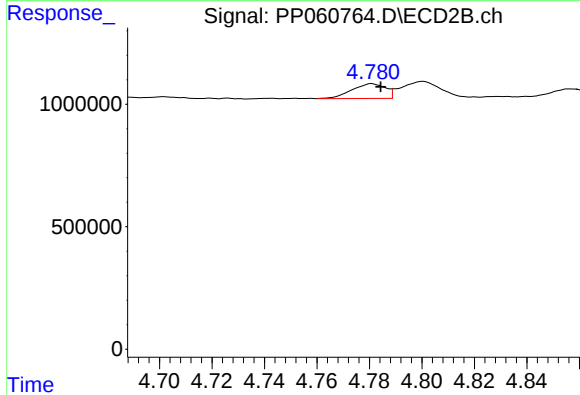
#15 AR-1232-5

R.T.: 5.235 min
Delta R.T.: -0.005 min
Response: 311678
Conc: 14.98 ng/ml



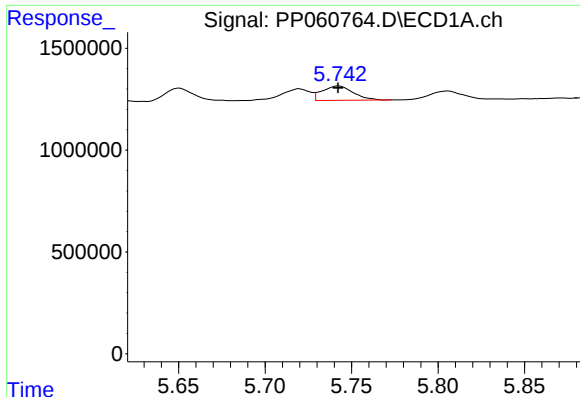
#16 AR-1242-1

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 690422
Conc: 10.80 ng/ml



#16 AR-1242-1

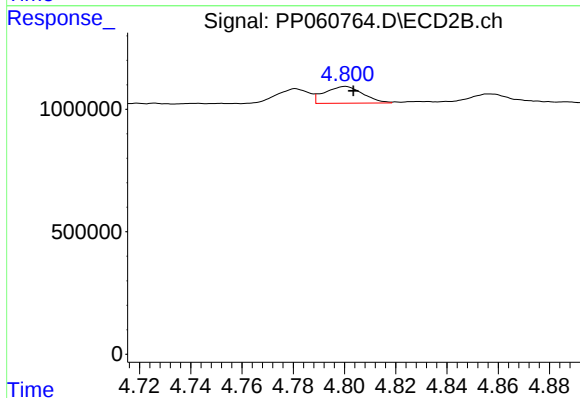
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 535555
Conc: 10.58 ng/ml



#17 AR-1242-2

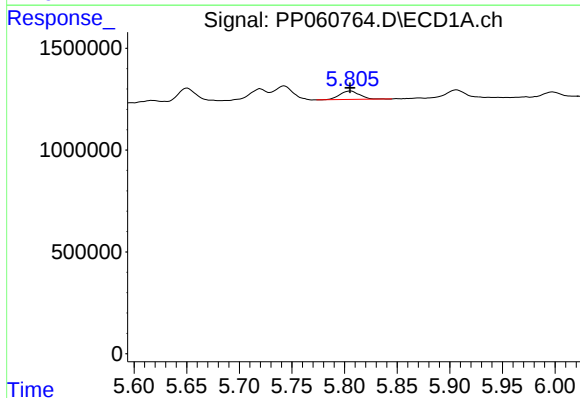
R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 881496
Conc: 9.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



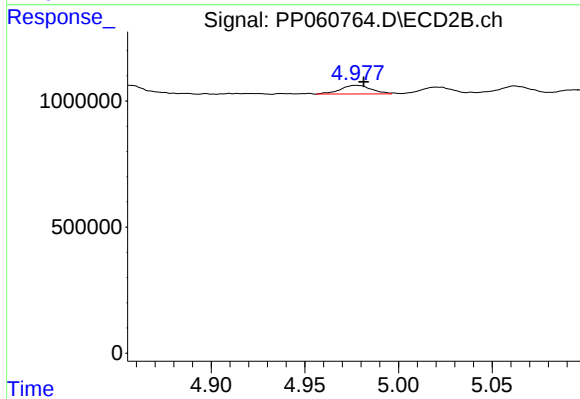
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 709874
Conc: 10.22 ng/ml



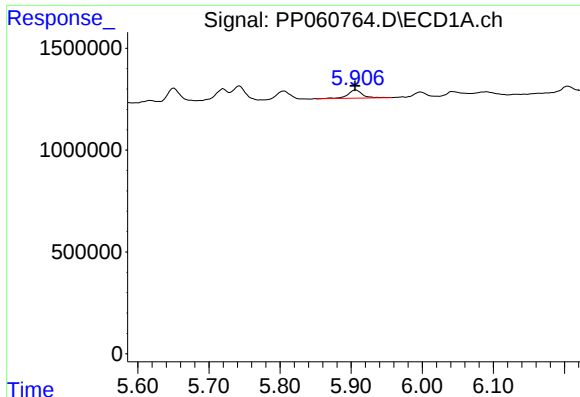
#18 AR-1242-3

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 559292
Conc: 9.93 ng/ml



#18 AR-1242-3

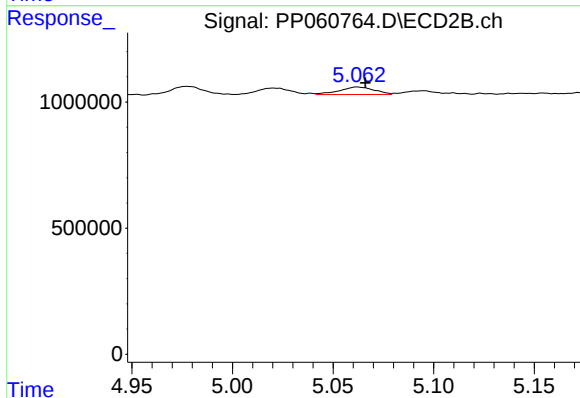
R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 397253
Conc: 10.32 ng/ml



#19 AR-1242-4

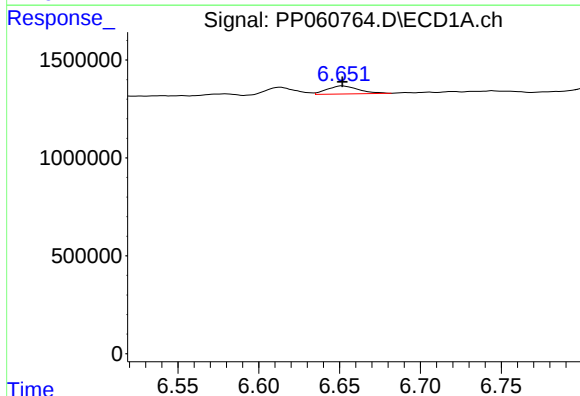
R.T.: 5.906 min
Delta R.T.: 0.001 min
Response: 562292
Conc: 12.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



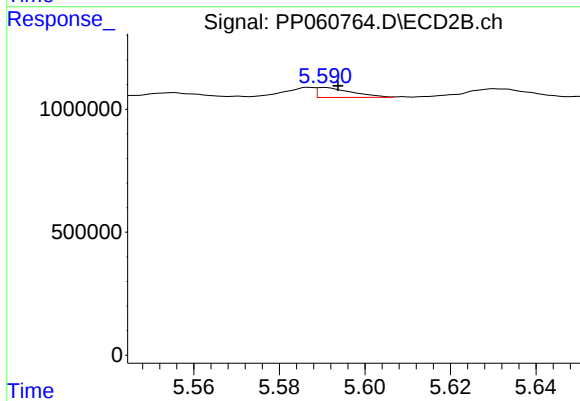
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 367104
Conc: 9.32 ng/ml



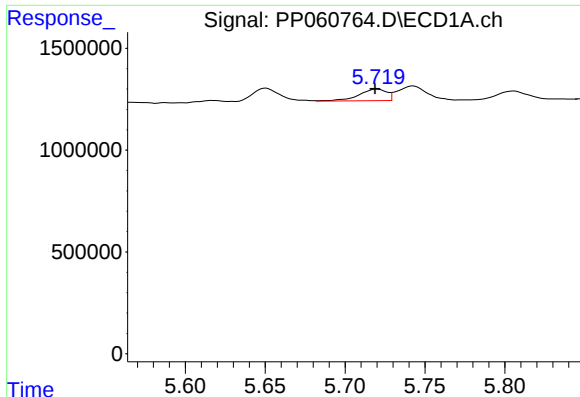
#20 AR-1242-5

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 552814
Conc: 10.99 ng/ml



#20 AR-1242-5

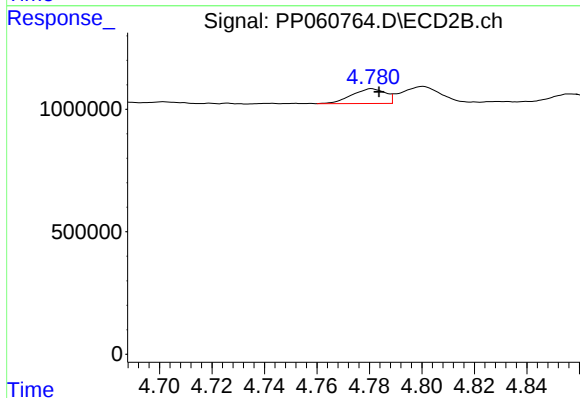
R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 228371
Conc: 4.67 ng/ml



#21 AR-1248-1

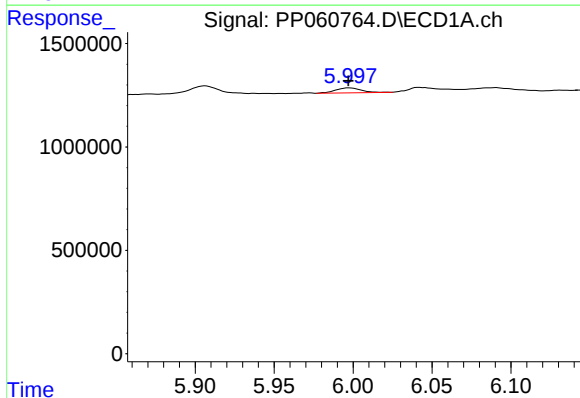
R.T.: 5.720 min
Delta R.T.: 0.001 min
Response: 690422
Conc: 14.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



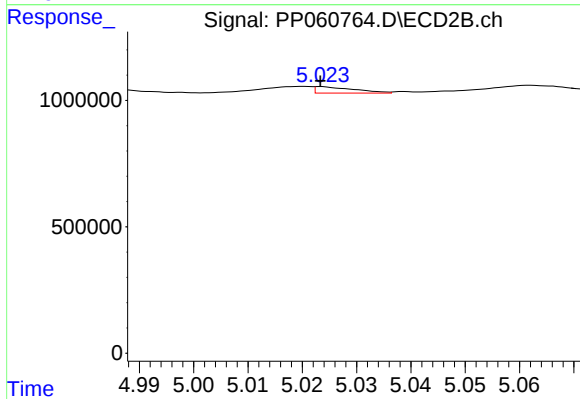
#21 AR-1248-1

R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 535555
Conc: 14.68 ng/ml



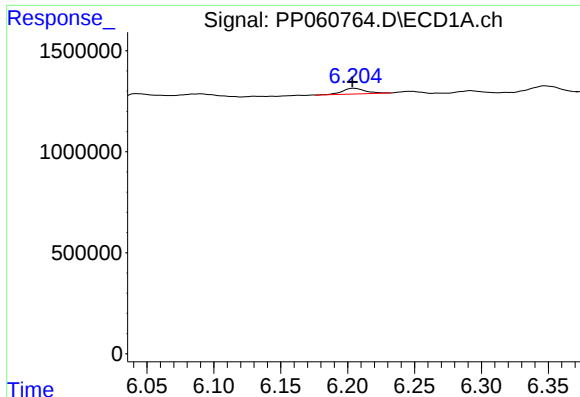
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 271980
Conc: 3.92 ng/ml



#22 AR-1248-2

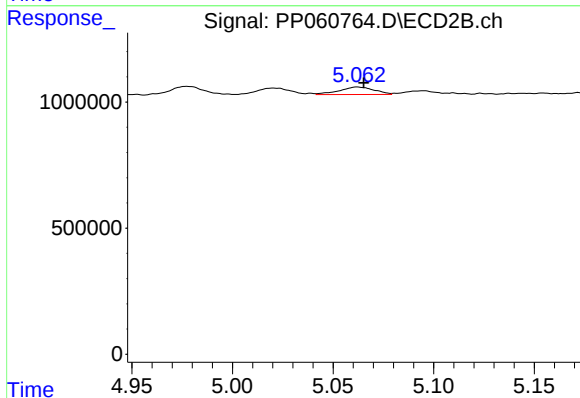
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 127575
Conc: 2.44 ng/ml



#23 AR-1248-3

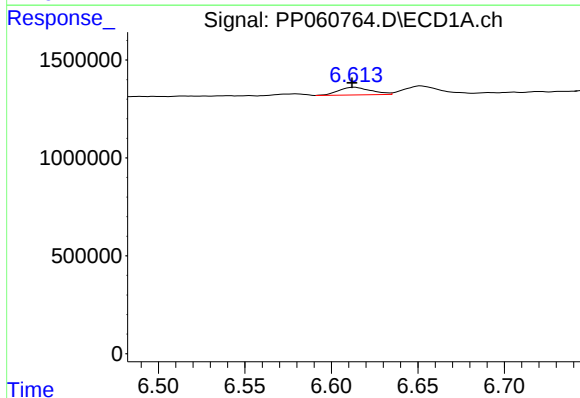
R.T.: 6.205 min
Delta R.T.: 0.001 min
Response: 329359
Conc: 4.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



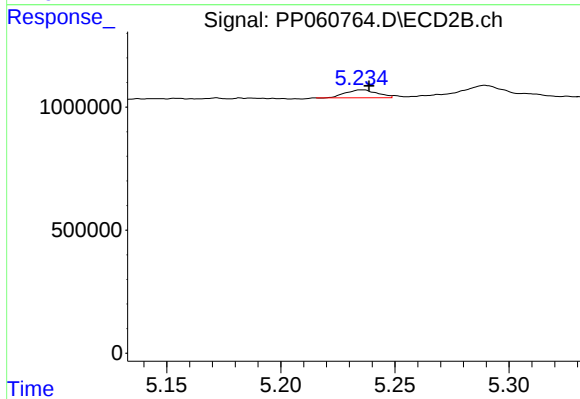
#23 AR-1248-3

R.T.: 5.062 min
Delta R.T.: -0.003 min
Response: 367104
Conc: 6.61 ng/ml



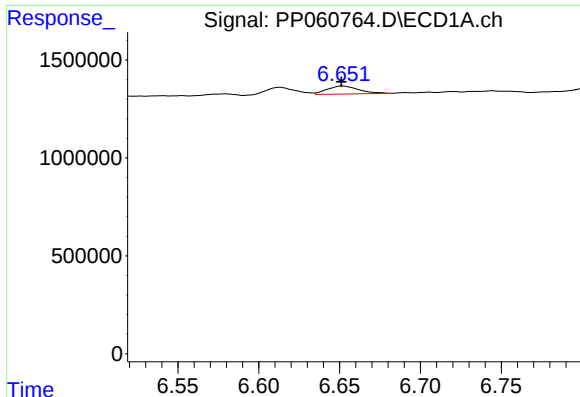
#24 AR-1248-4

R.T.: 6.613 min
Delta R.T.: 0.001 min
Response: 507262
Conc: 6.13 ng/ml



#24 AR-1248-4

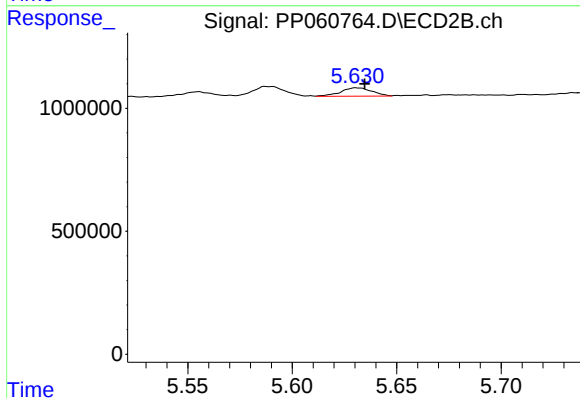
R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 311678
Conc: 4.73 ng/ml



#25 AR-1248-5

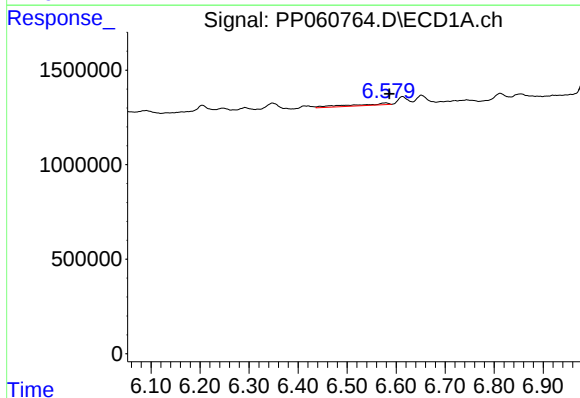
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 552814
Conc: 6.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



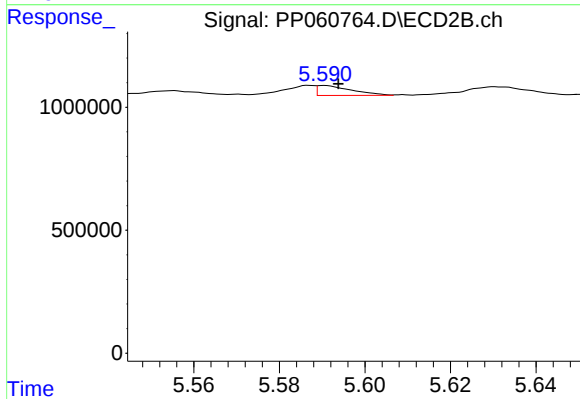
#25 AR-1248-5

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 353315
Conc: 5.49 ng/ml



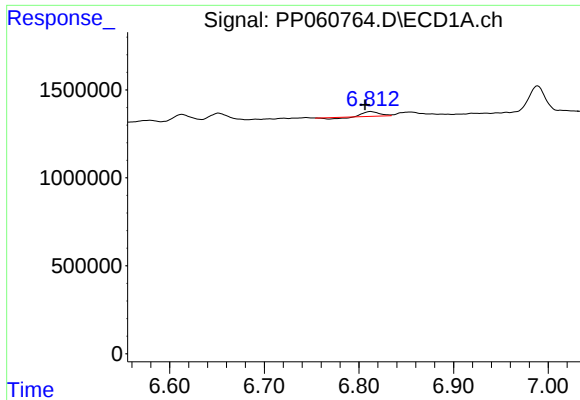
#26 AR-1254-1

R.T.: 6.580 min
Delta R.T.: -0.006 min
Response: 515586
Conc: 6.04 ng/ml



#26 AR-1254-1

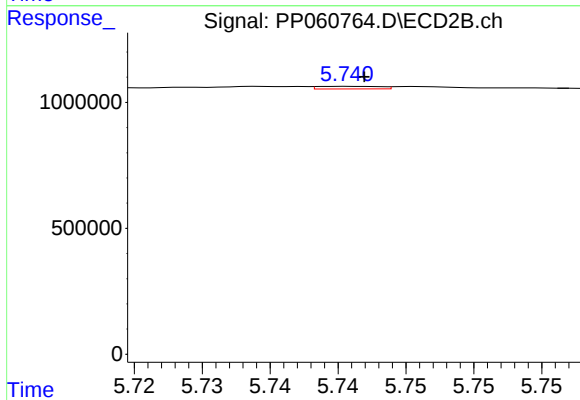
R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 228371
Conc: 2.31 ng/ml



#27 AR-1254-2

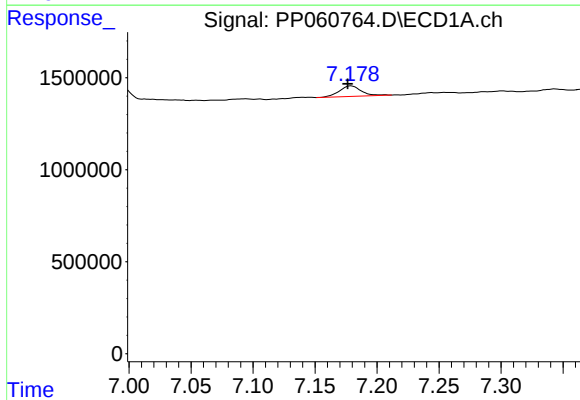
R.T.: 6.812 min
Delta R.T.: 0.006 min
Response: 234775
Conc: 1.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



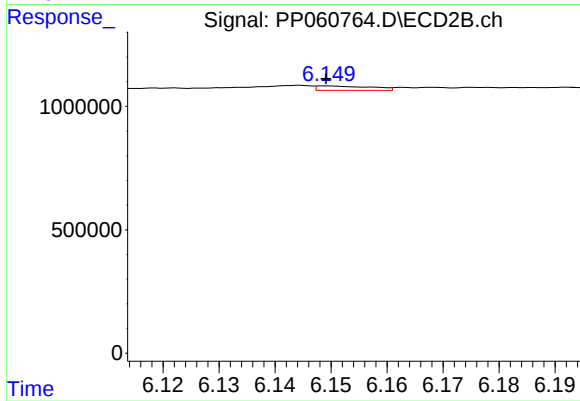
#27 AR-1254-2

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 32912
Conc: 0.38 ng/ml



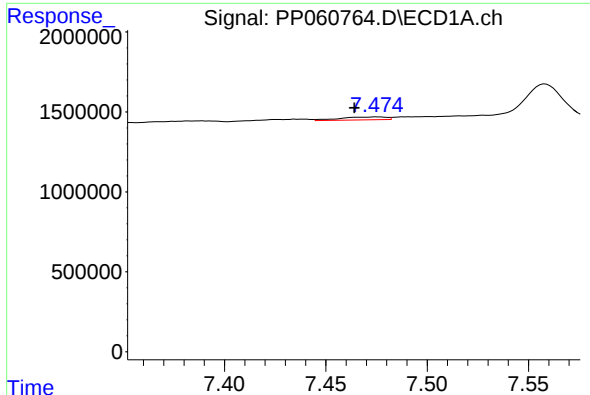
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: 0.003 min
Response: 692100
Conc: 5.21 ng/ml



#28 AR-1254-3

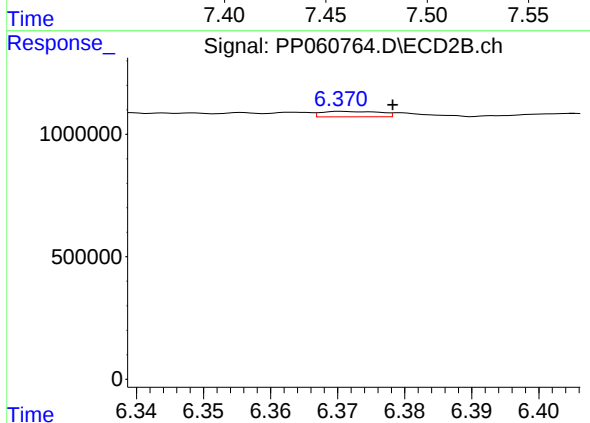
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 121279
Conc: 0.85 ng/ml



#29 AR-1254-4

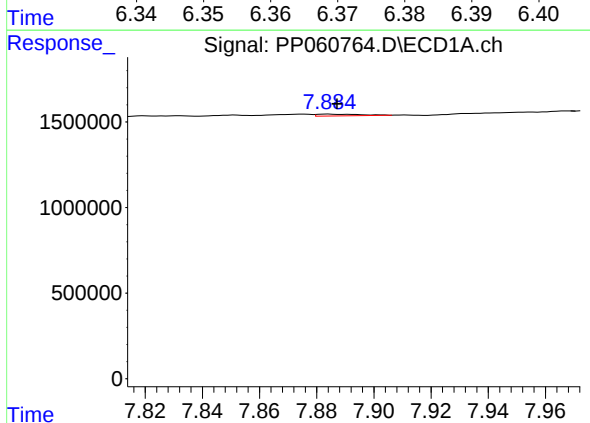
R.T.: 7.475 min
Delta R.T.: 0.011 min
Response: 284232
Conc: 2.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



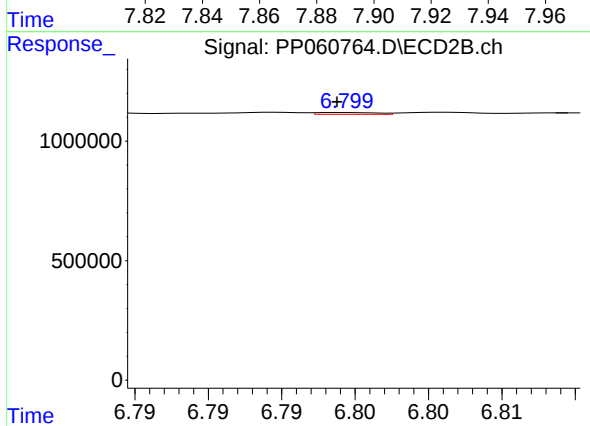
#29 AR-1254-4

R.T.: 6.370 min
Delta R.T.: -0.008 min
Response: 133913
Conc: 1.54 ng/ml



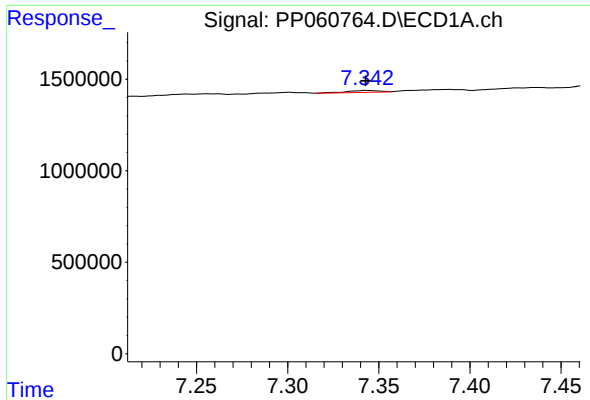
#30 AR-1254-5

R.T.: 7.884 min
Delta R.T.: -0.003 min
Response: 105941
Conc: 0.98 ng/ml



#30 AR-1254-5

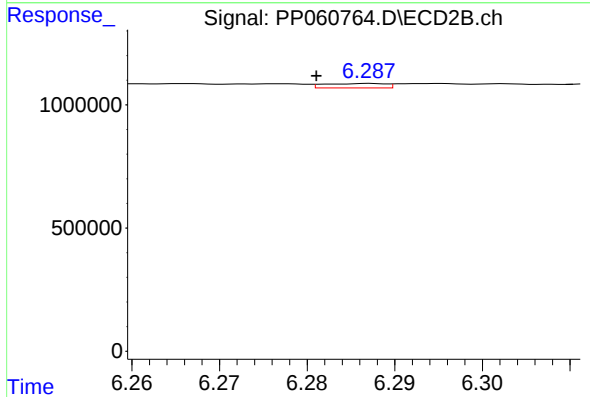
R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 21022
Conc: 0.17 ng/ml



#31 AR-1260-1

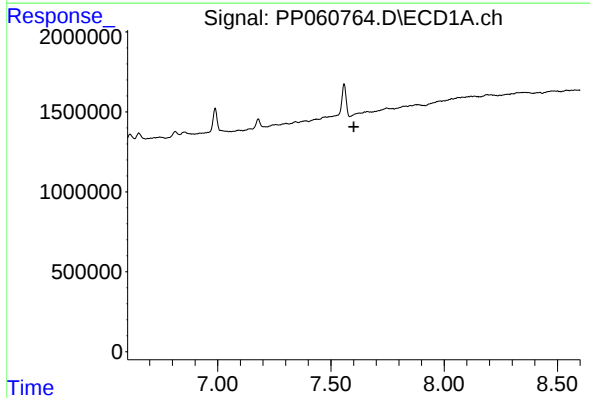
R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 139307
Conc: 1.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



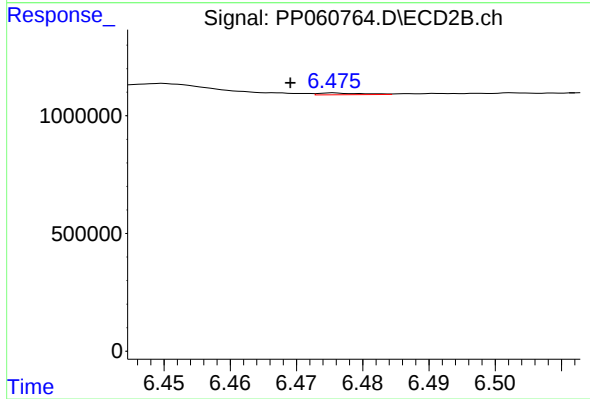
#31 AR-1260-1

R.T.: 6.287 min
Delta R.T.: 0.006 min
Response: 88364
Conc: 0.88 ng/ml



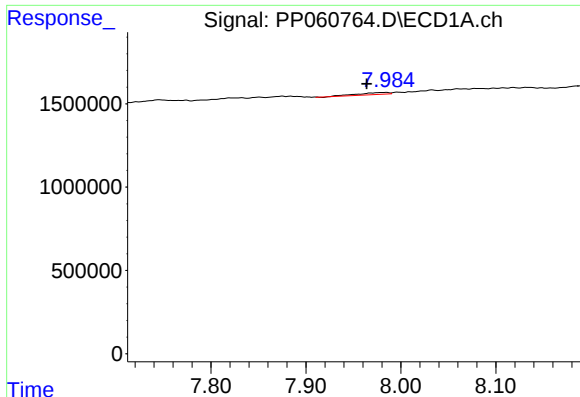
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.601 min
Response: 0
Conc: N.D.



#32 AR-1260-2

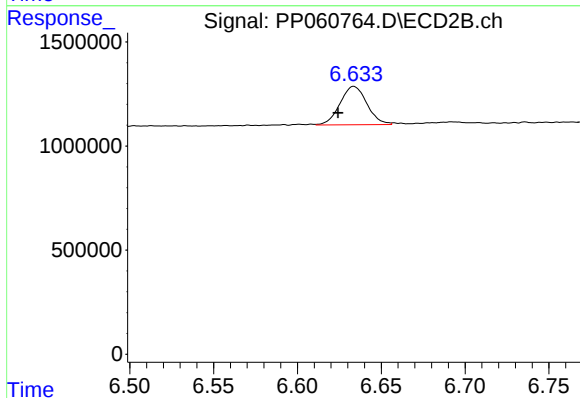
R.T.: 6.476 min
Delta R.T.: 0.007 min
Response: 34556
Conc: 0.29 ng/ml



#33 AR-1260-3

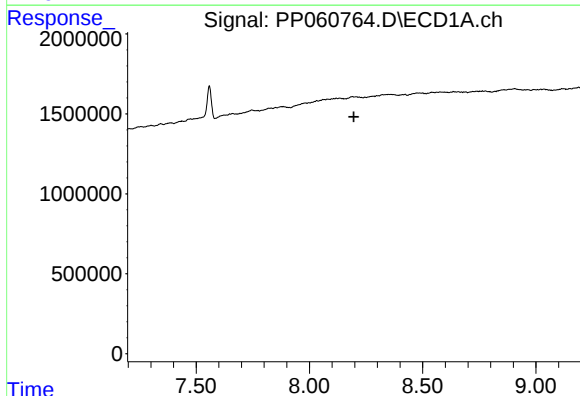
R.T.: 7.985 min
Delta R.T.: 0.021 min
Response: 264035
Conc: 2.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



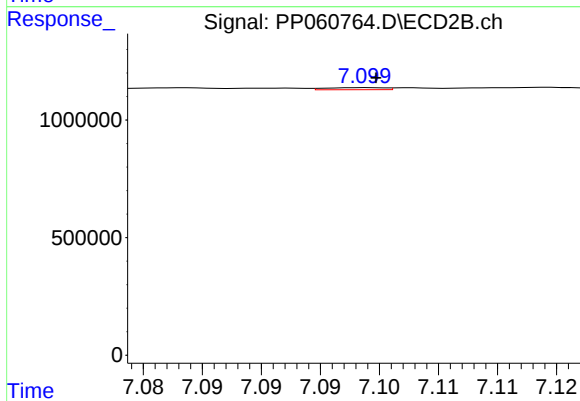
#33 AR-1260-3

R.T.: 6.634 min
Delta R.T.: 0.009 min
Response: 2060894
Conc: 18.00 ng/ml



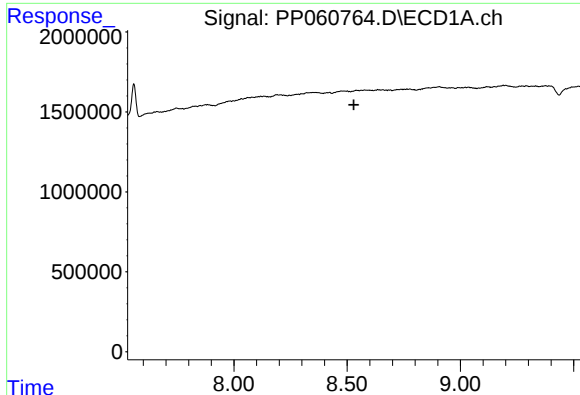
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.196 min
Response: 0
Conc: N.D.



#34 AR-1260-4

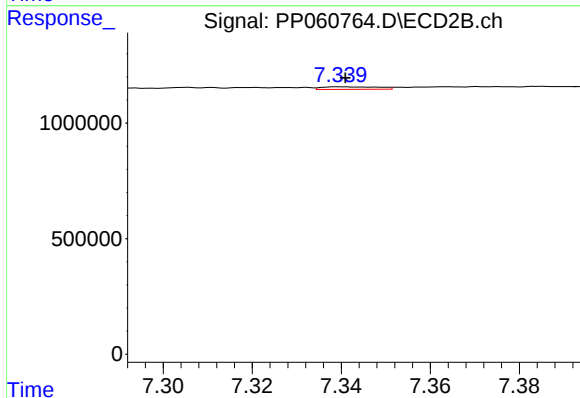
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 30179
Conc: 0.32 ng/ml



#35 AR-1260-5

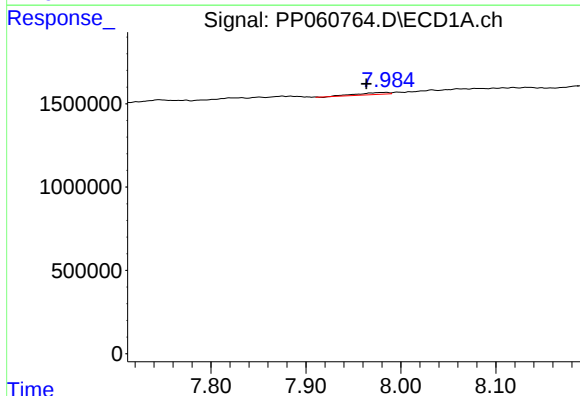
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



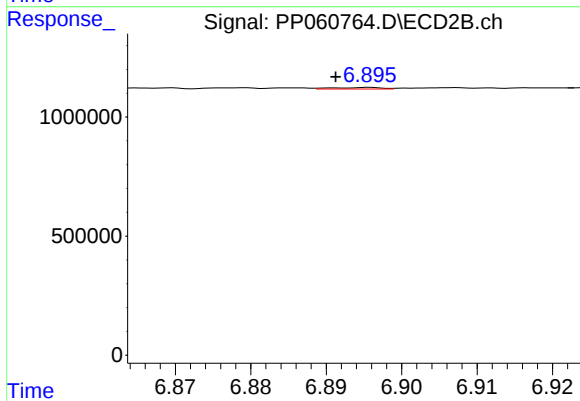
#35 AR-1260-5

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 97789
Conc: 0.45 ng/ml



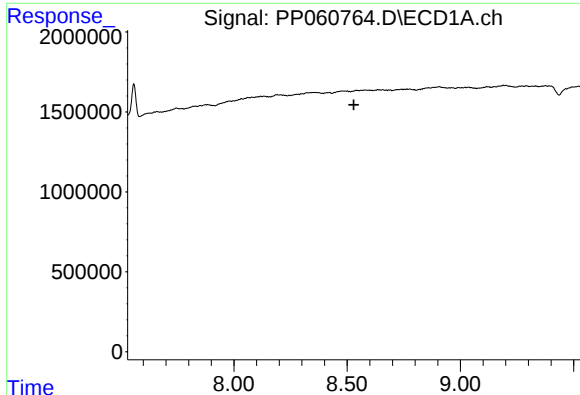
#36 AR-1262-1

R.T.: 7.985 min
Delta R.T.: 0.021 min
Response: 264035
Conc: 2.12 ng/ml



#36 AR-1262-1

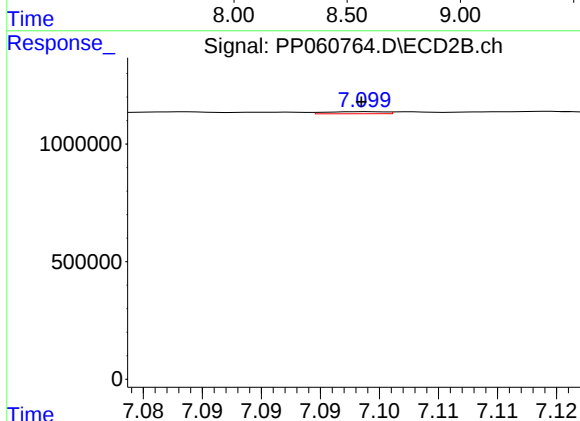
R.T.: 6.896 min
Delta R.T.: 0.005 min
Response: 28580
Conc: 0.53 ng/ml



#37 AR-1262-2

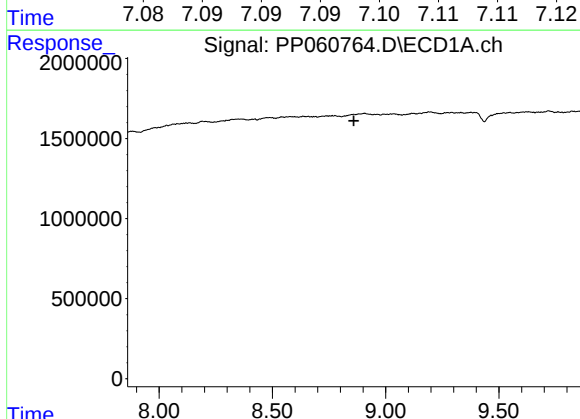
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



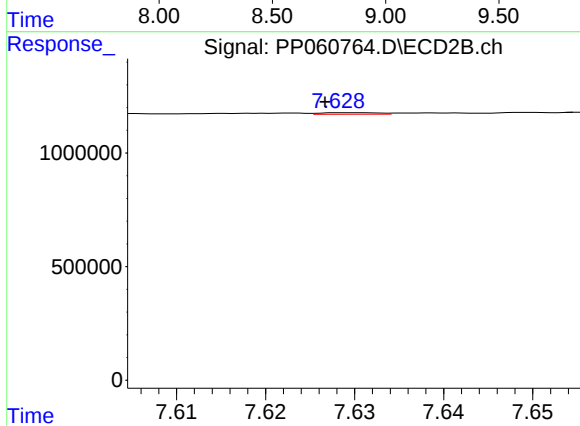
#37 AR-1262-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 30179
Conc: 0.26 ng/ml



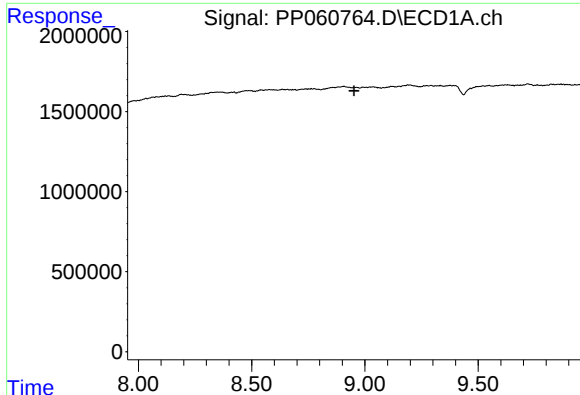
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.



#38 AR-1262-3

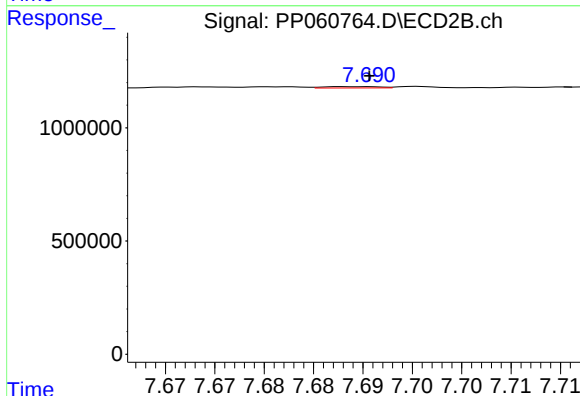
R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 29621
Conc: 0.32 ng/ml



#39 AR-1262-4

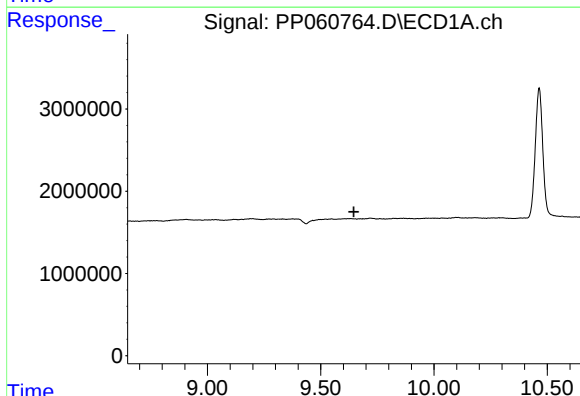
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



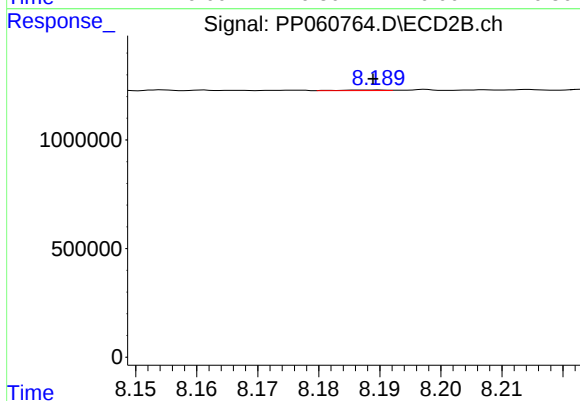
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 22611
Conc: 0.13 ng/ml



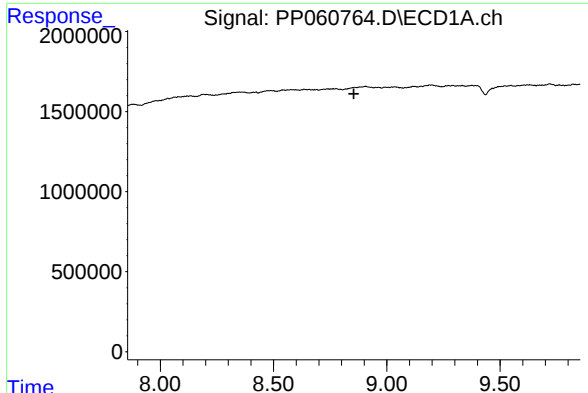
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

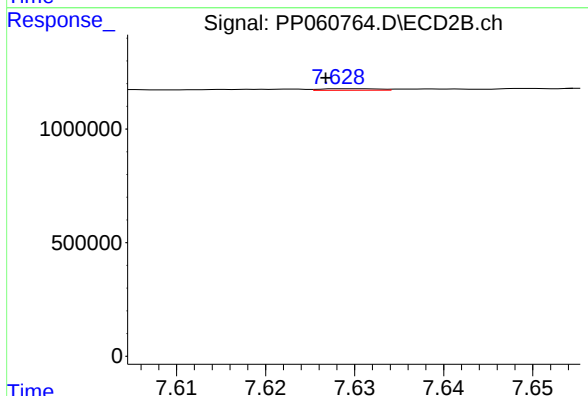
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 12624
Conc: 0.16 ng/ml



#41 AR-1268-1

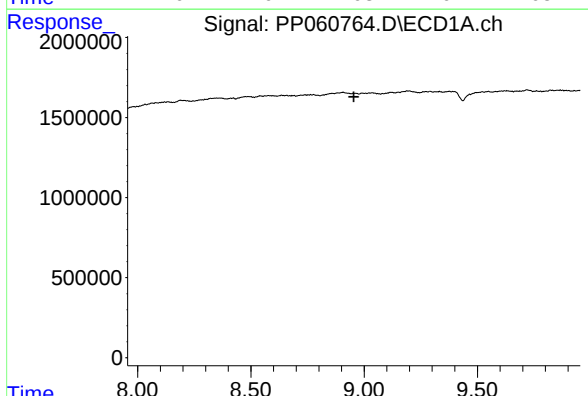
R.T.: 0.000 min
Exp R.T.: 8.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



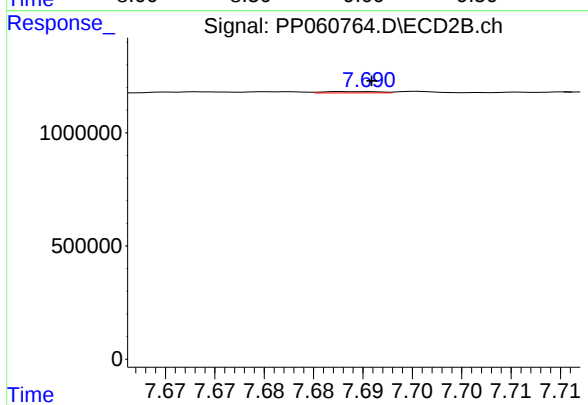
#41 AR-1268-1

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 29621
Conc: 0.11 ng/ml



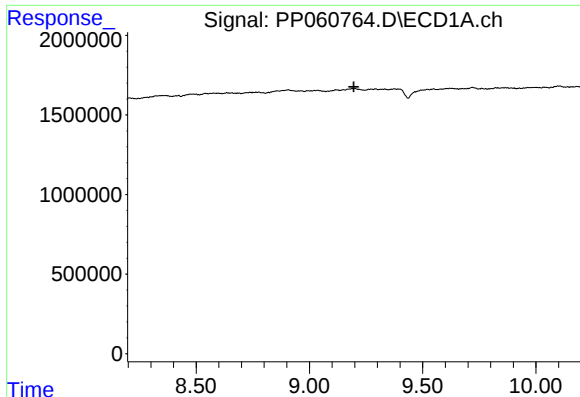
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.954 min
Response: 0
Conc: N.D.



#42 AR-1268-2

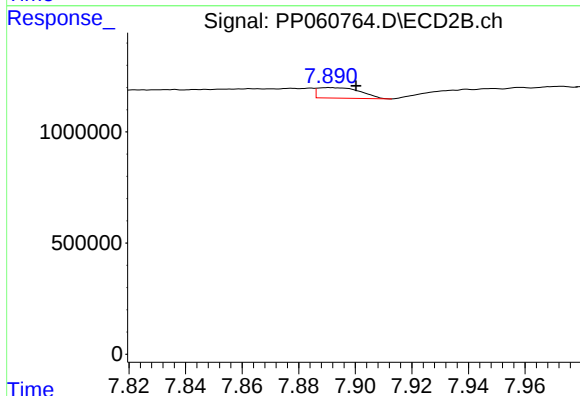
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 22611
Conc: 0.09 ng/ml



#43 AR-1268-3

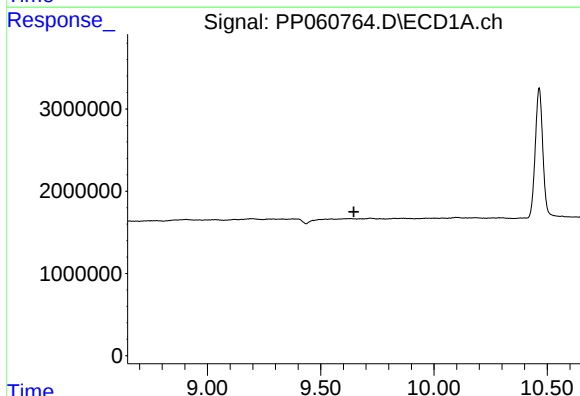
R.T.: 0.000 min
Exp R.T.: 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



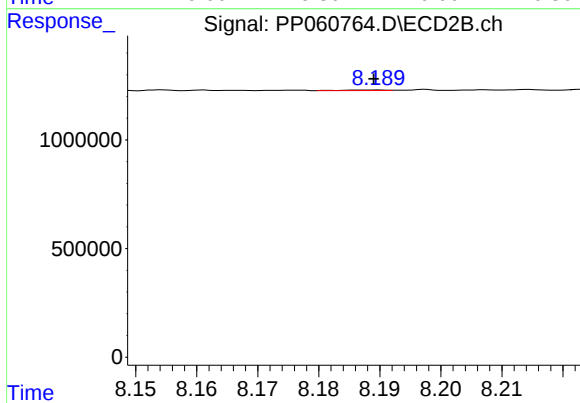
#43 AR-1268-3

R.T.: 7.891 min
Delta R.T.: -0.009 min
Response: 498158
Conc: 2.33 ng/ml



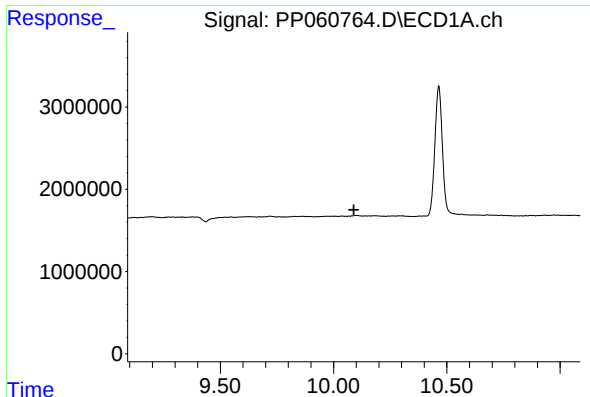
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#44 AR-1268-4

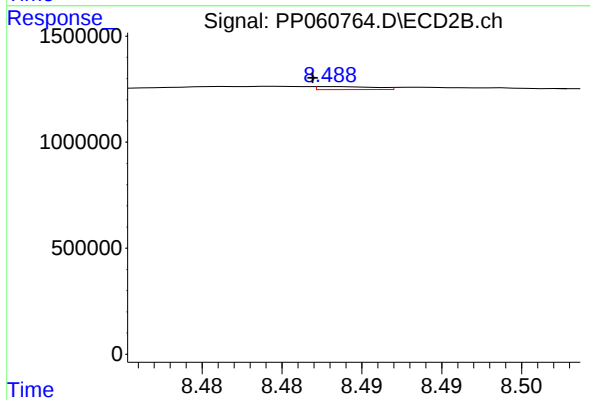
R.T.: 8.189 min
Delta R.T.: 0.000 min
Response: 12624
Conc: 0.14 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.090 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.488 min
Delta R.T.: 0.001 min
Response: 36203
Conc: 0.06 ng/ml