

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060123\
 Data File : PP058157.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 02:04
 Operator : YP\AJ
 Sample : 03002-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 05:17:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP050823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 08 19:18:05 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...	4.382	3.622	58147122	62203060	26.505	27.422
2)	SA Decachlor...	10.204	8.676	31096003	33799223	27.440	21.532
Target Compounds							
3)	L1 AR-1016-1	0.000	4.722	0	2137862	N.D.	28.689 #
4)	L1 AR-1016-2	0.000	4.722f	0	2137862	N.D.	20.682 #
5)	L1 AR-1016-3	5.634f	4.922	863921	653953	15.279	11.092 #
6)	L1 AR-1016-4	0.000	4.962	0	2257119	N.D.	47.984 #
7)	L1 AR-1016-5	6.045	5.170	205784	2838167	4.412	47.800 #
8)	L2 AR-1221-1	4.582f	3.830	420547	358343	14.533	12.152
9)	L2 AR-1221-2	4.691	3.925	2092578	1998540	96.550	89.722
10)	L2 AR-1221-3	4.772	4.008	579770	845032	9.624	13.263 #
11)	L3 AR-1232-1	4.772	4.008	579770	845032	13.236	18.311 #
12)	L3 AR-1232-2	5.294	4.722f	3093707	2137862	118.630	45.177 #
13)	L3 AR-1232-3	0.000	4.913	0	446408	N.D.	16.401 #
14)	L3 AR-1232-4	0.000	4.990	0	781455	N.D.	32.055 #
15)	L3 AR-1232-5	0.000	5.170	0	2838167	N.D.	102.638 #
16)	L4 AR-1242-1	0.000	4.722	0	2137862	N.D.	36.726 #
17)	L4 AR-1242-2	0.000	4.722f	0	2137862	N.D.	26.784 #
18)	L4 AR-1242-3	5.634f	4.913	863921	446408	19.842	9.519 #
19)	L4 AR-1242-4	0.000	4.990	0	781455	N.D.	16.842 #
20)	L4 AR-1242-5	6.522f	5.536	67972	906999	2.098	16.223 #
21)	L5 AR-1248-1	0.000	4.722	0	2137862	N.D.	41.545 #
22)	L5 AR-1248-2	0.000	4.962	0	2257119	N.D.	31.435 #
23)	L5 AR-1248-3	6.045	4.990	205784	781455	2.963	10.329 #
24)	L5 AR-1248-4	6.465	5.170	517188	2838167	8.092	31.817 #
25)	L5 AR-1248-5	6.522f	0.000	67972	0	1.059	N.D. #
26)	L6 AR-1254-1	6.439	5.536	452330	906999	6.739	8.123
27)	L6 AR-1254-2	6.660	5.679	39097	151173	0.413	1.515 #
28)	L6 AR-1254-3	7.018	6.081	884690	61637	9.712	0.394 #
29)	L6 AR-1254-4	7.311	6.326	164913	30893	2.769	0.335 #
30)	L6 AR-1254-5	7.734	6.734	244351	94147	3.559	0.650 #
31)	L7 AR-1260-1	7.191	6.212	435084	30387	5.515	0.276 #
32)	L7 AR-1260-2	7.455	6.420	19339487	38845	241.387	0.306 #
33)	L7 AR-1260-3	7.817	6.570	40463	505097	0.710	4.119 #
34)	L7 AR-1260-4	8.036	0.000	194355	0	2.925	N.D. #
35)	L7 AR-1260-5	8.377	7.270	91215	114251	0.849	0.619 #
36)	L8 AR-1262-1	7.817	6.840	40463	274257	0.470	4.317 #
37)	L8 AR-1262-2	8.377	0.000	91215	0	0.749	N.D. #
38)	L8 AR-1262-3	8.676	7.554	92082	327965	1.059	3.495 #
39)	L8 AR-1262-4	8.767	7.621	57394	132675	0.856	0.779
40)	L8 AR-1262-5	9.457f	8.108f	89595	514906	2.340	6.996 #
41)	L9 AR-1268-1	8.676	7.554	92082	327965	0.591	1.246 #

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 Operator : YP\AJ
 Sample : 03002-10
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

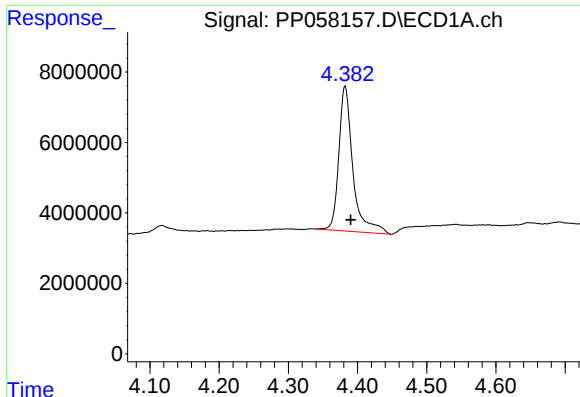
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 02 05:17:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP050823.M
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 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	8.778	7.621	17686	132675	0.136	0.542 #
43) L9	AR-1268-3	9.014	7.839	232941	168263	1.804	0.830 #
44) L9	AR-1268-4	9.457	8.108f	89595	514906	2.116	6.217 #
45) L9	AR-1268-5	9.842f	8.413	211413	194142	0.647	0.375 #

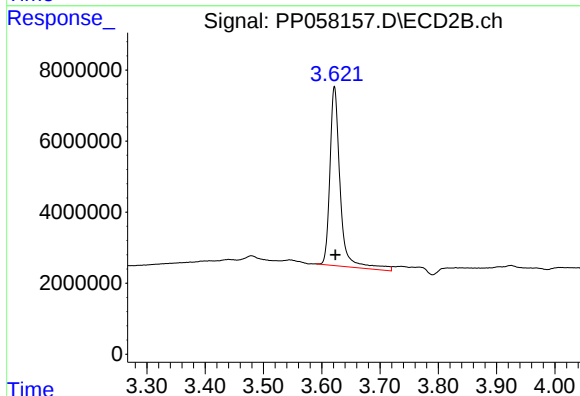
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

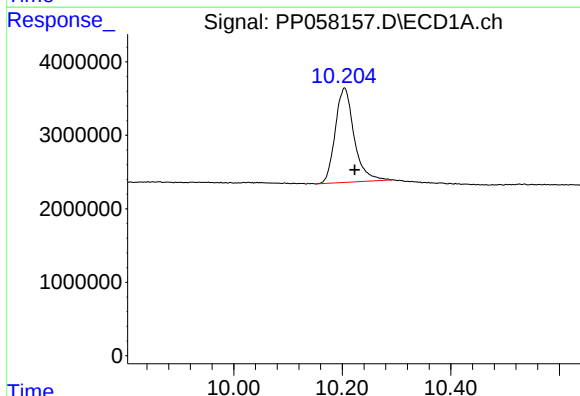
R.T.: 4.382 min
Delta R.T.: -0.008 min
Response: 58147122
Conc: 26.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



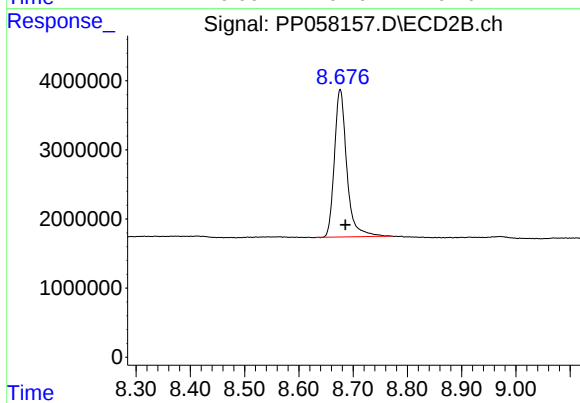
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: -0.002 min
Response: 62203060
Conc: 27.42 ng/ml



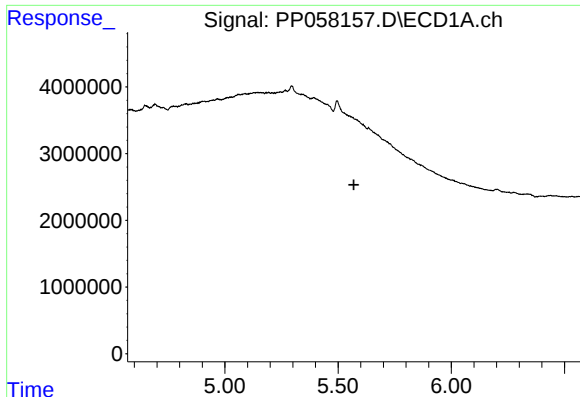
#2 Decachlorobiphenyl

R.T.: 10.204 min
Delta R.T.: -0.019 min
Response: 31096003
Conc: 27.44 ng/ml



#2 Decachlorobiphenyl

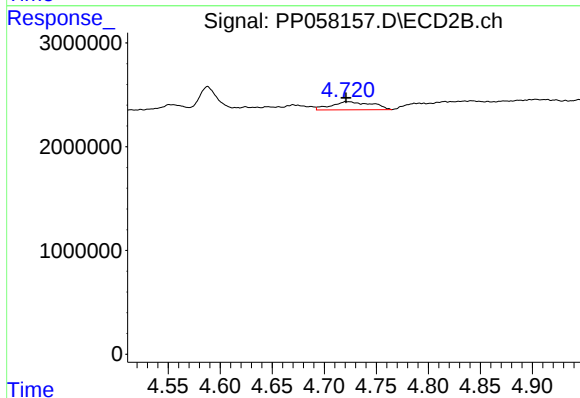
R.T.: 8.676 min
Delta R.T.: -0.010 min
Response: 33799223
Conc: 21.53 ng/ml



#3 AR-1016-1

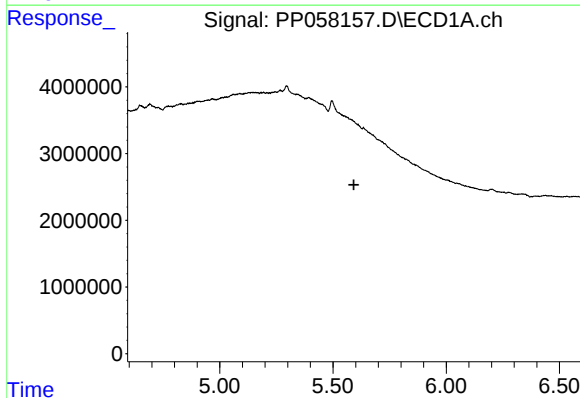
R.T.: 0.000 min
Exp R.T.: 5.570 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



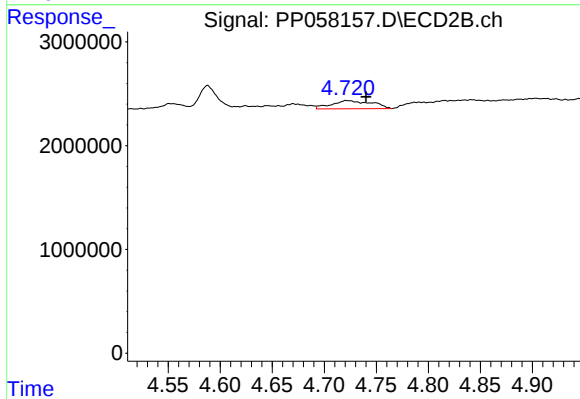
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 2137862
Conc: 28.69 ng/ml



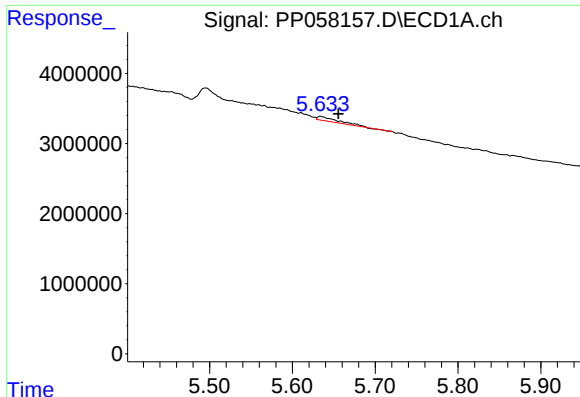
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.593 min
Response: 0
Conc: N.D.



#4 AR-1016-2

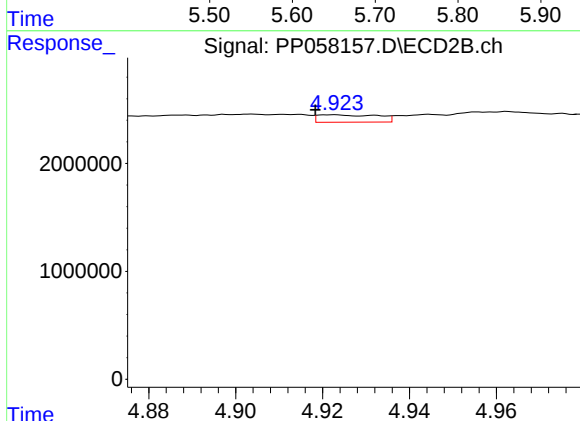
R.T.: 4.722 min
Delta R.T.: -0.019 min
Response: 2137862
Conc: 20.68 ng/ml



#5 AR-1016-3

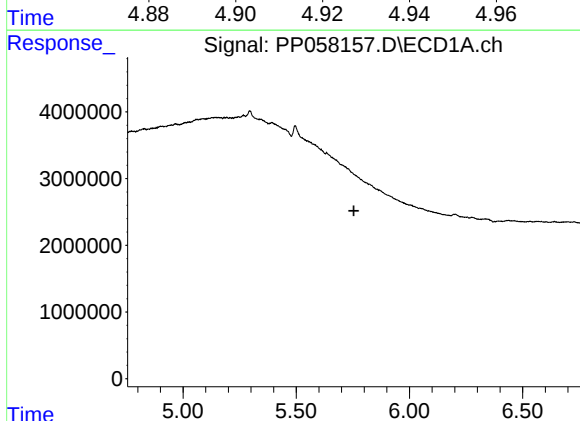
R.T.: 5.634 min
Delta R.T.: -0.022 min
Response: 863921
Conc: 15.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



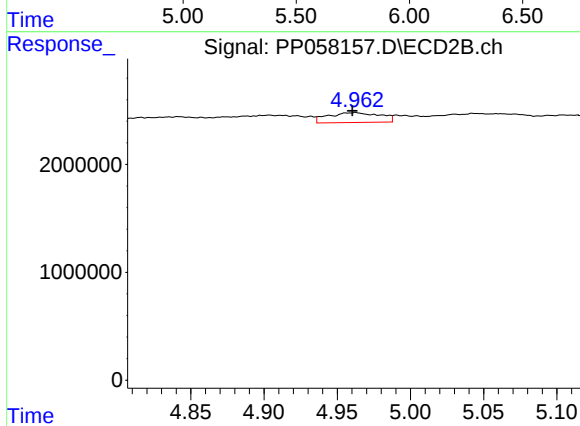
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.004 min
Response: 653953
Conc: 11.09 ng/ml



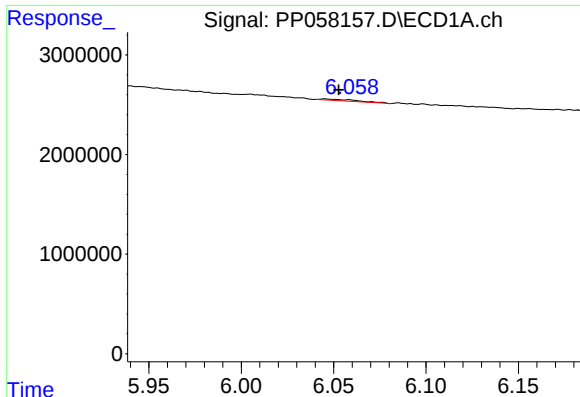
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.755 min
Response: 0
Conc: N.D.



#6 AR-1016-4

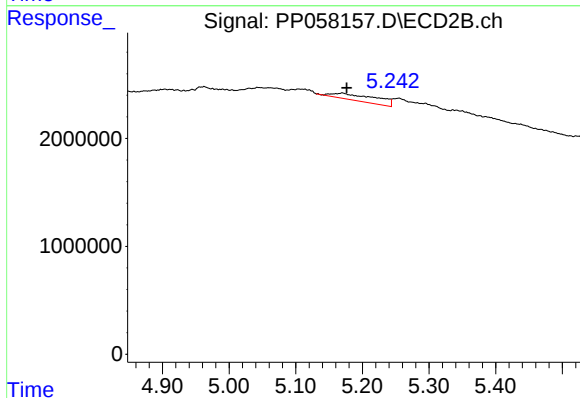
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 2257119
Conc: 47.98 ng/ml



#7 AR-1016-5

R.T.: 6.045 min
Delta R.T.: -0.007 min
Response: 205784
Conc: 4.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



#7 AR-1016-5

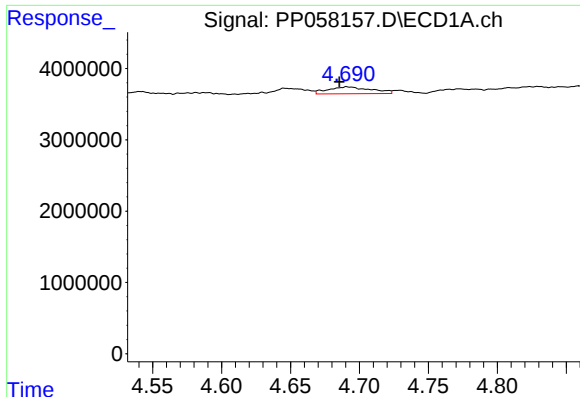
R.T.: 5.170 min
Delta R.T.: -0.007 min
Response: 2838167
Conc: 47.80 ng/ml

#8 AR-1221-1

R.T.: 4.582 min
Delta R.T.: -0.017 min
Response: 420547
Conc: 14.53 ng/ml

#8 AR-1221-1

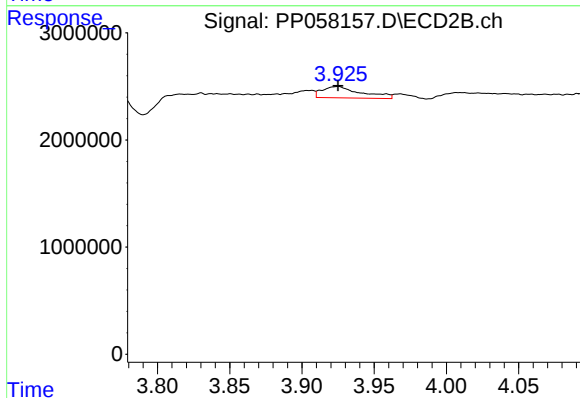
R.T.: 3.830 min
Delta R.T.: -0.009 min
Response: 358343
Conc: 12.15 ng/ml



#9 AR-1221-2

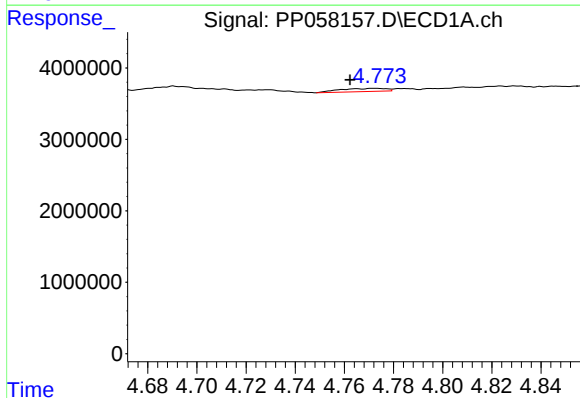
R.T.: 4.691 min
Delta R.T.: 0.006 min
Response: 2092578
Conc: 96.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



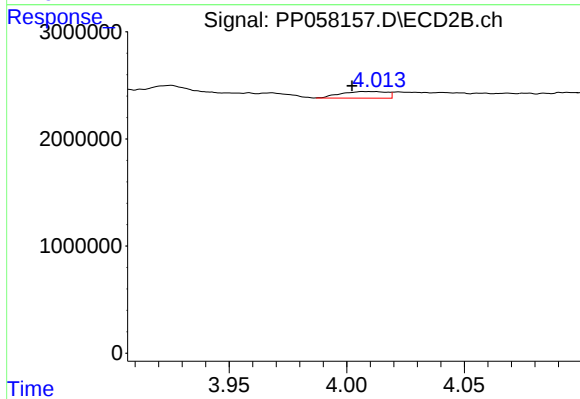
#9 AR-1221-2

R.T.: 3.925 min
Delta R.T.: 0.000 min
Response: 1998540
Conc: 89.72 ng/ml



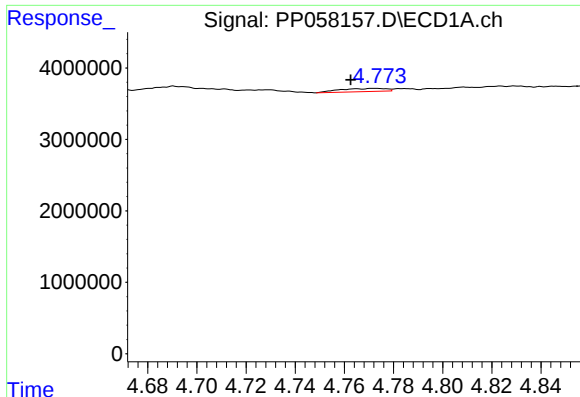
#10 AR-1221-3

R.T.: 4.772 min
Delta R.T.: 0.010 min
Response: 579770
Conc: 9.62 ng/ml



#10 AR-1221-3

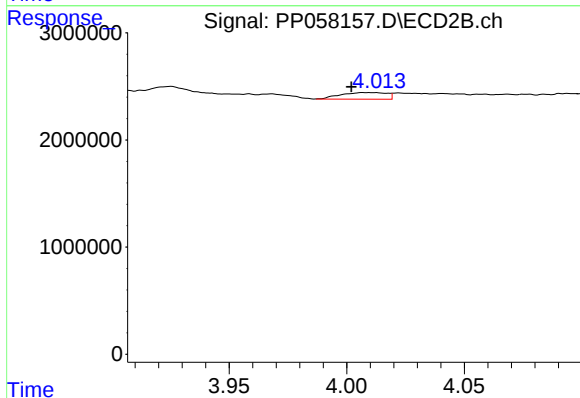
R.T.: 4.008 min
Delta R.T.: 0.006 min
Response: 845032
Conc: 13.26 ng/ml



#11 AR-1232-1

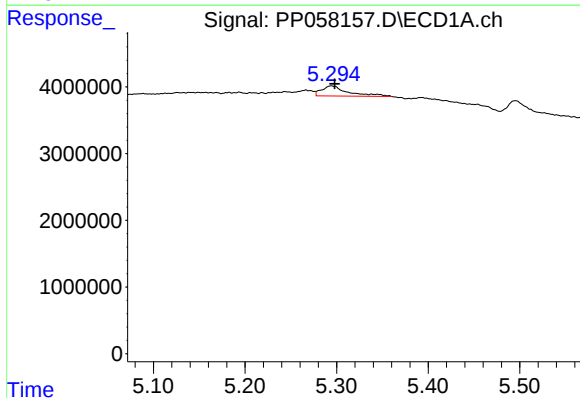
R.T.: 4.772 min
Delta R.T.: 0.010 min
Response: 579770
Conc: 13.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



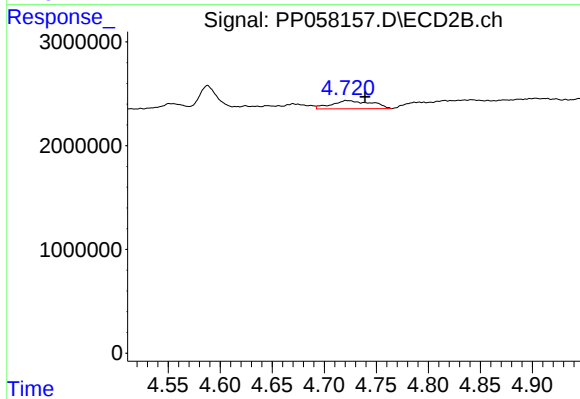
#11 AR-1232-1

R.T.: 4.008 min
Delta R.T.: 0.006 min
Response: 845032
Conc: 18.31 ng/ml



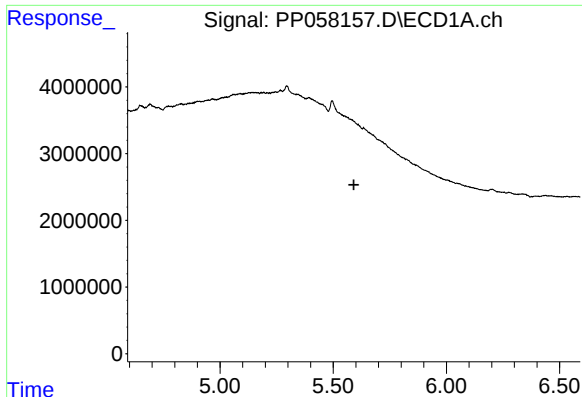
#12 AR-1232-2

R.T.: 5.294 min
Delta R.T.: -0.004 min
Response: 3093707
Conc: 118.63 ng/ml



#12 AR-1232-2

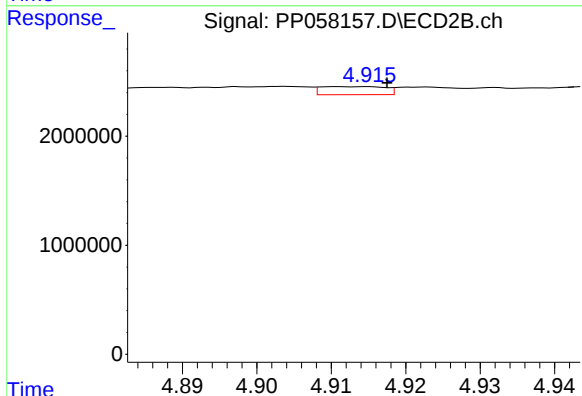
R.T.: 4.722 min
Delta R.T.: -0.017 min
Response: 2137862
Conc: 45.18 ng/ml



#13 AR-1232-3

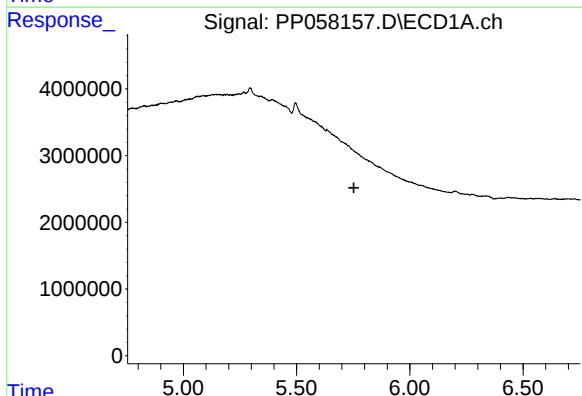
R.T.: 0.000 min
Exp R.T.: 5.591 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



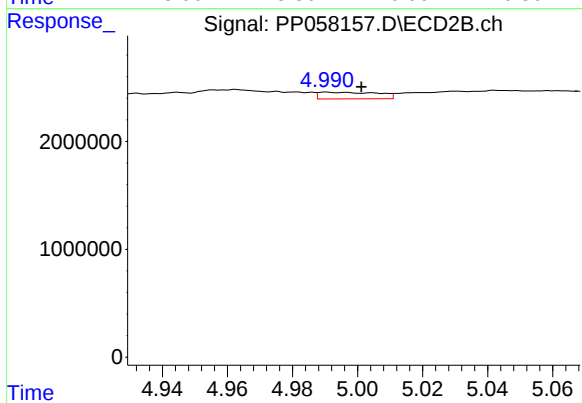
#13 AR-1232-3

R.T.: 4.913 min
Delta R.T.: -0.004 min
Response: 446408
Conc: 16.40 ng/ml



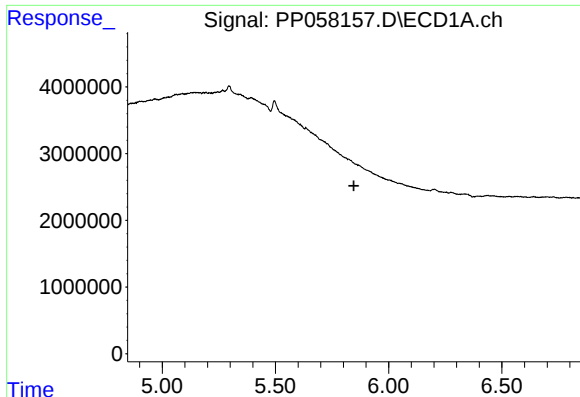
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.753 min
Response: 0
Conc: N.D.



#14 AR-1232-4

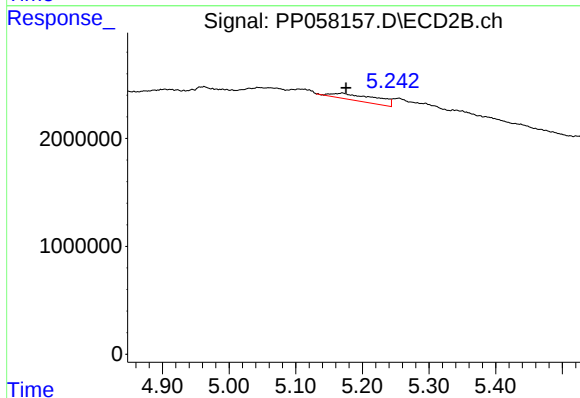
R.T.: 4.990 min
Delta R.T.: -0.011 min
Response: 781455
Conc: 32.06 ng/ml



#15 AR-1232-5

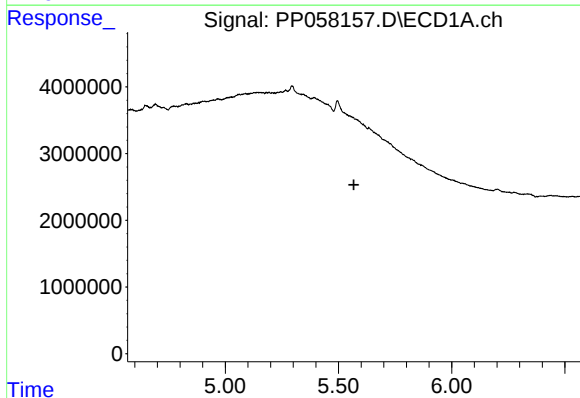
R.T.: 0.000 min
Exp R.T.: 5.846 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



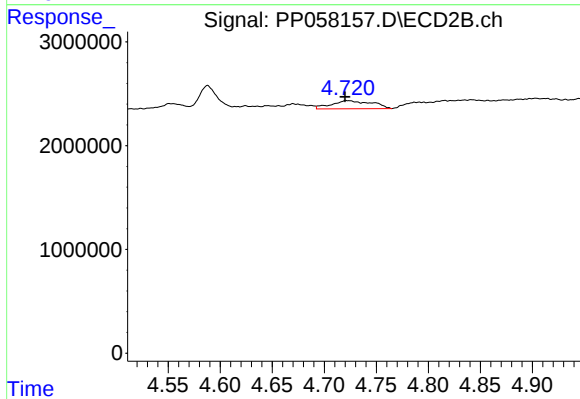
#15 AR-1232-5

R.T.: 5.170 min
Delta R.T.: -0.006 min
Response: 2838167
Conc: 102.64 ng/ml



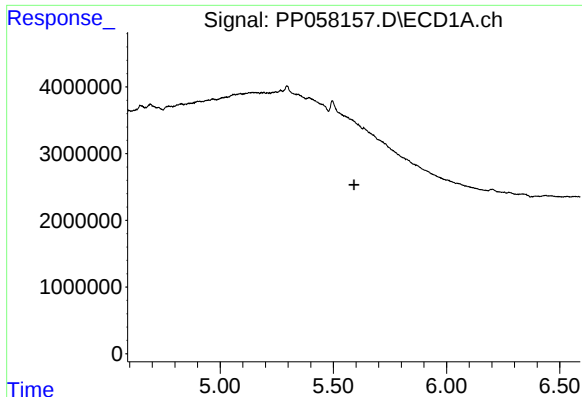
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.568 min
Response: 0
Conc: N.D.



#16 AR-1242-1

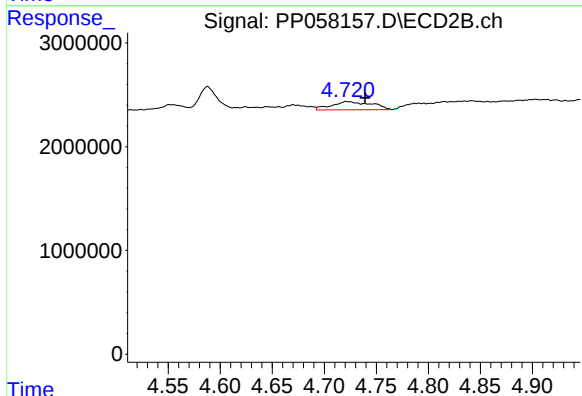
R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 2137862
Conc: 36.73 ng/ml



#17 AR-1242-2

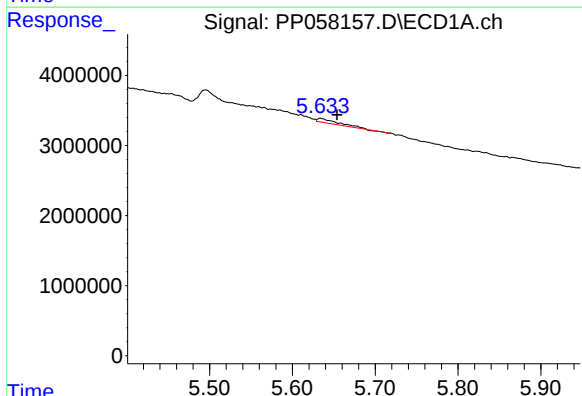
R.T.: 0.000 min
Exp R.T.: 5.591 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



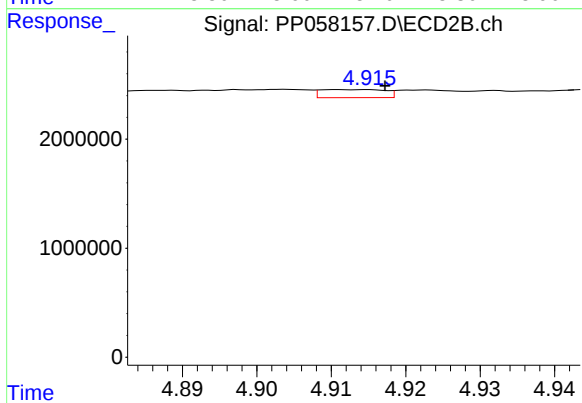
#17 AR-1242-2

R.T.: 4.722 min
Delta R.T.: -0.018 min
Response: 2137862
Conc: 26.78 ng/ml



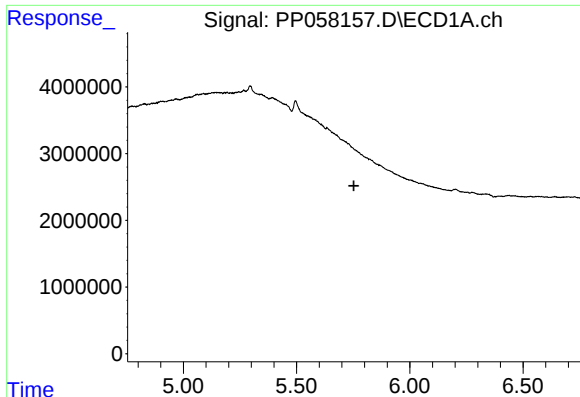
#18 AR-1242-3

R.T.: 5.634 min
Delta R.T.: -0.020 min
Response: 863921
Conc: 19.84 ng/ml



#18 AR-1242-3

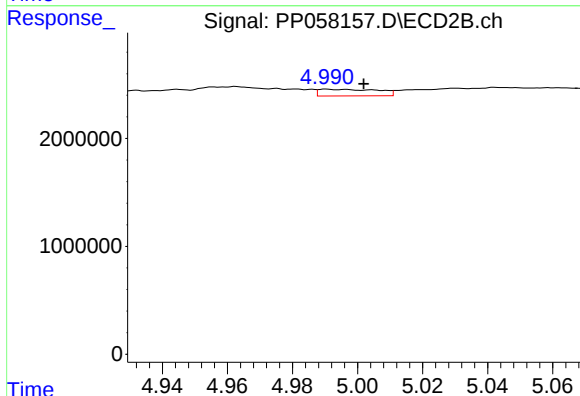
R.T.: 4.913 min
Delta R.T.: -0.004 min
Response: 446408
Conc: 9.52 ng/ml



#19 AR-1242-4

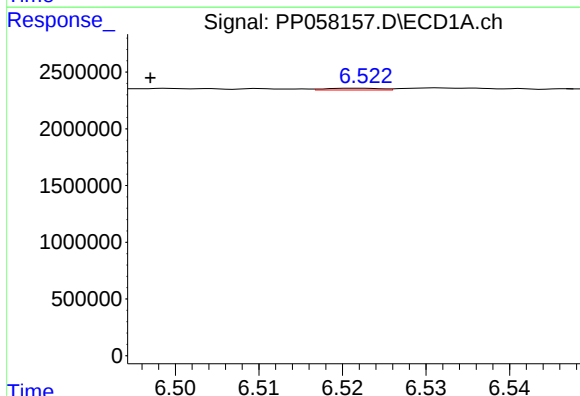
R.T.: 0.000 min
Exp R.T.: 5.753 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



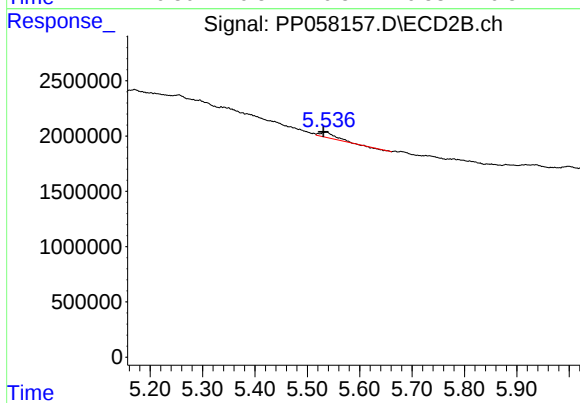
#19 AR-1242-4

R.T.: 4.990 min
Delta R.T.: -0.012 min
Response: 781455
Conc: 16.84 ng/ml



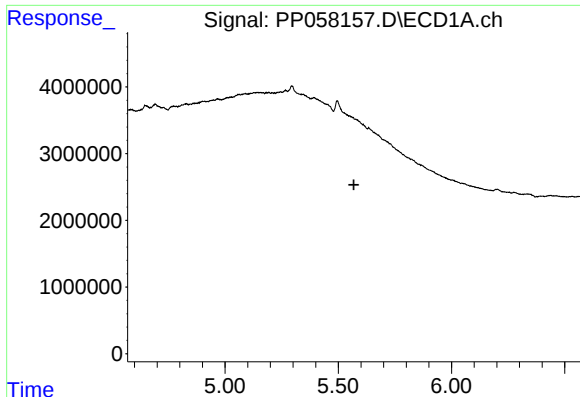
#20 AR-1242-5

R.T.: 6.522 min
Delta R.T.: 0.025 min
Response: 67972
Conc: 2.10 ng/ml



#20 AR-1242-5

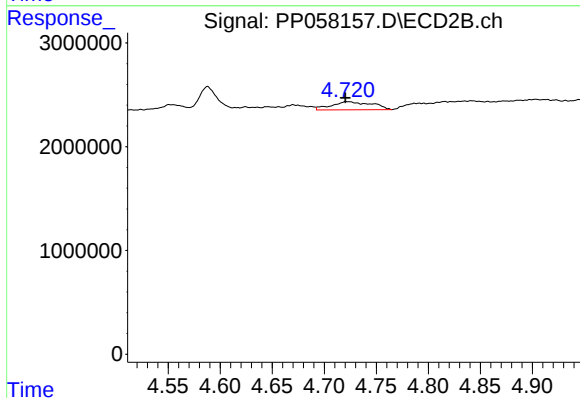
R.T.: 5.536 min
Delta R.T.: 0.006 min
Response: 906999
Conc: 16.22 ng/ml



#21 AR-1248-1

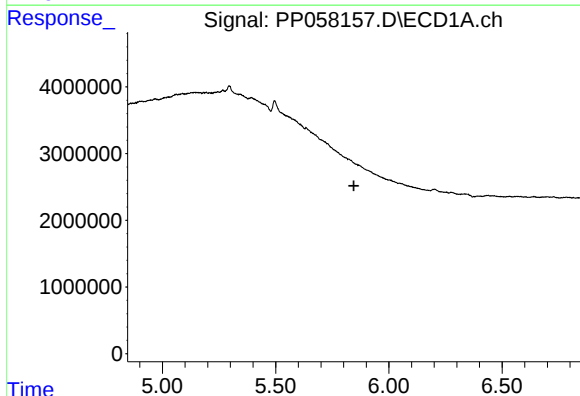
R.T.: 0.000 min
Exp R.T. : 5.569 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



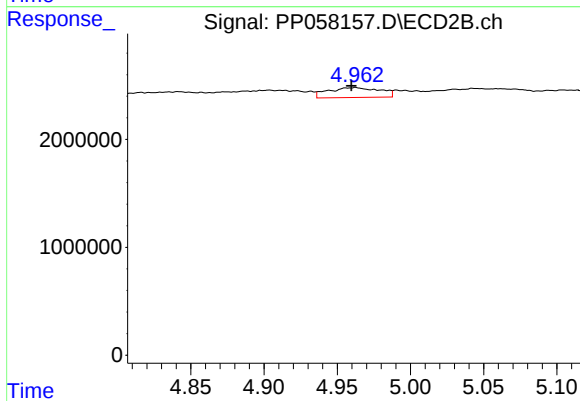
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.001 min
Response: 2137862
Conc: 41.55 ng/ml



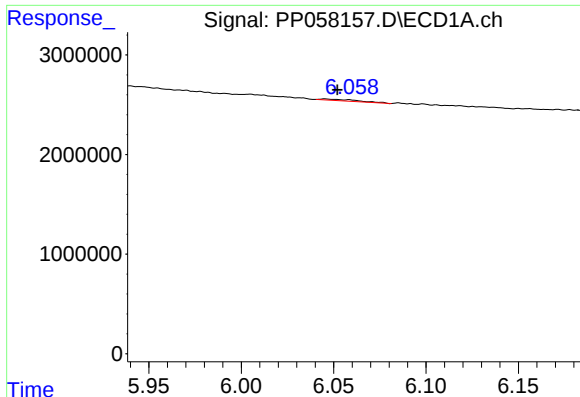
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.846 min
Response: 0
Conc: N.D.



#22 AR-1248-2

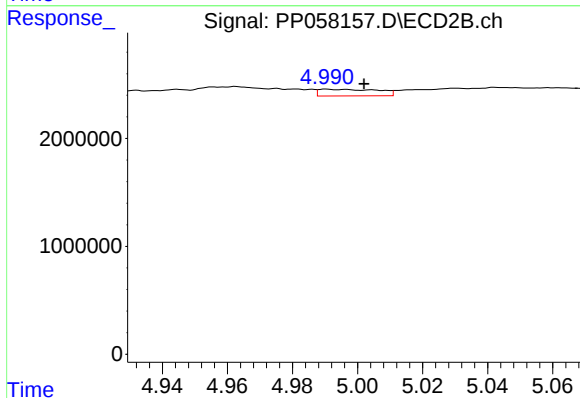
R.T.: 4.962 min
Delta R.T.: 0.003 min
Response: 2257119
Conc: 31.43 ng/ml



#23 AR-1248-3

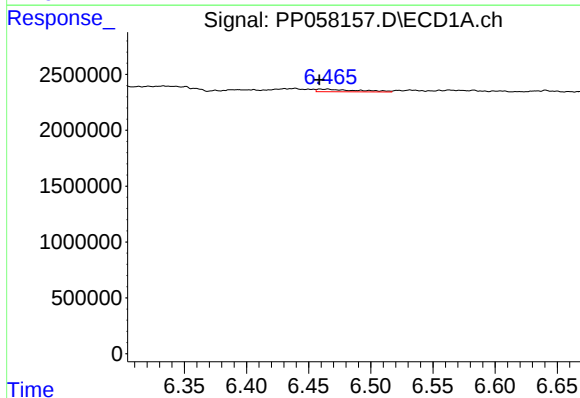
R.T.: 6.045 min
Delta R.T.: -0.007 min
Response: 205784
Conc: 2.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



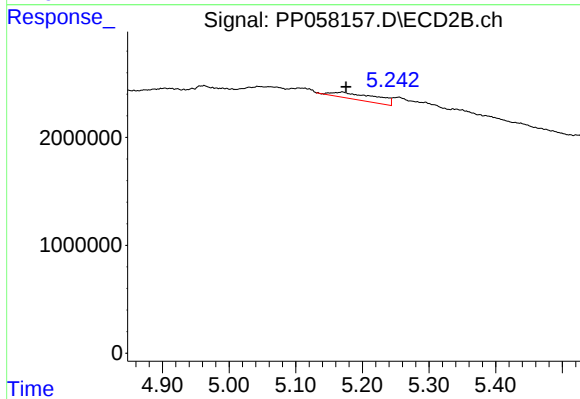
#23 AR-1248-3

R.T.: 4.990 min
Delta R.T.: -0.012 min
Response: 781455
Conc: 10.33 ng/ml



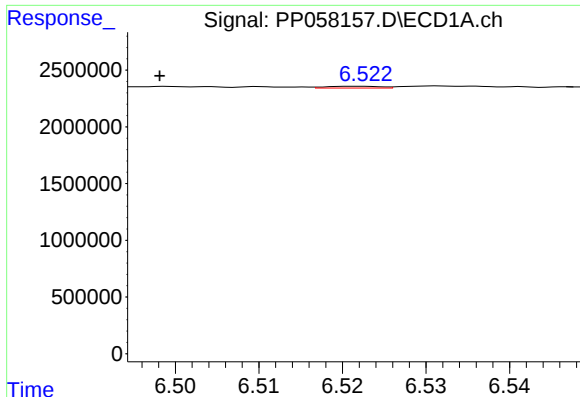
#24 AR-1248-4

R.T.: 6.465 min
Delta R.T.: 0.007 min
Response: 517188
Conc: 8.09 ng/ml



#24 AR-1248-4

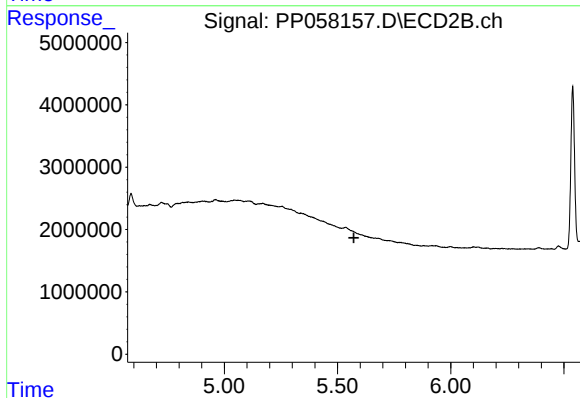
R.T.: 5.170 min
Delta R.T.: -0.006 min
Response: 2838167
Conc: 31.82 ng/ml



#25 AR-1248-5

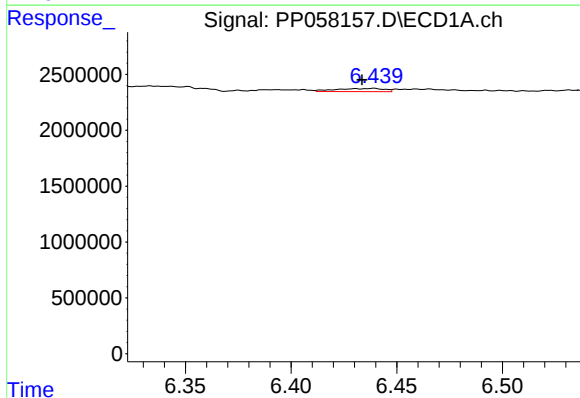
R.T.: 6.522 min
Delta R.T.: 0.024 min
Response: 67972
Conc: 1.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



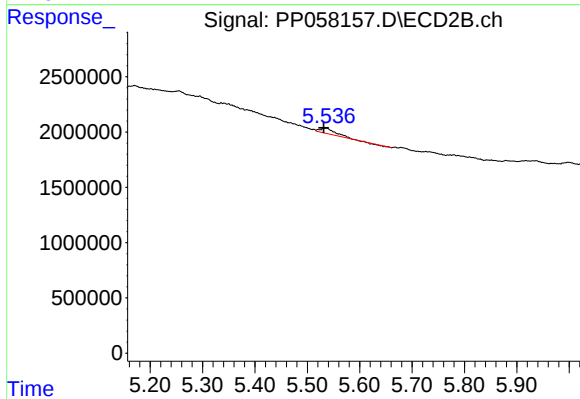
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.572 min
Response: 0
Conc: N.D.



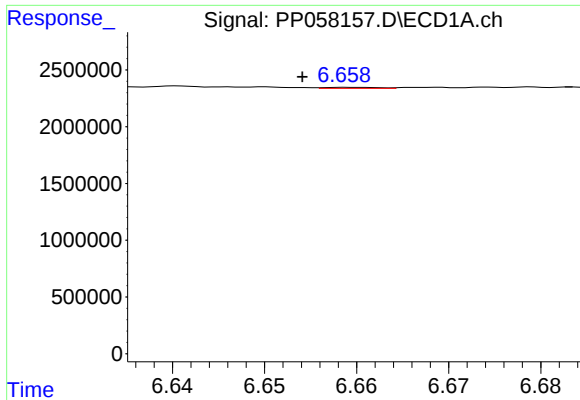
#26 AR-1254-1

R.T.: 6.439 min
Delta R.T.: 0.005 min
Response: 452330
Conc: 6.74 ng/ml



#26 AR-1254-1

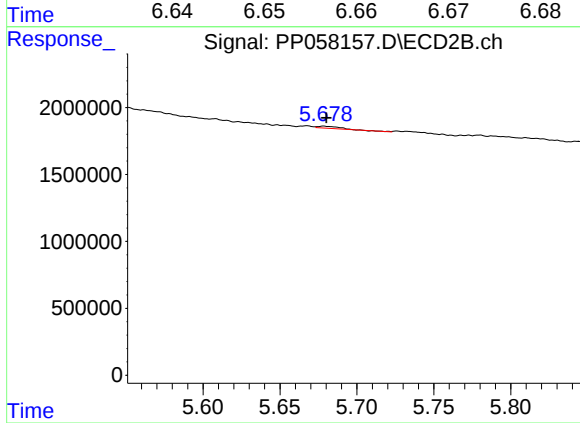
R.T.: 5.536 min
Delta R.T.: 0.005 min
Response: 906999
Conc: 8.12 ng/ml



#27 AR-1254-2

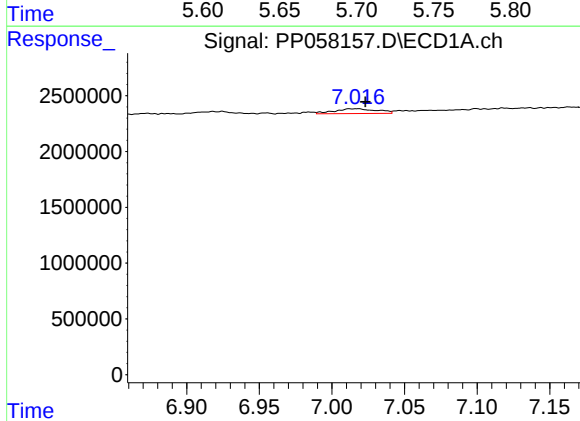
R.T.: 6.660 min
Delta R.T.: 0.006 min
Response: 39097
Conc: 0.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



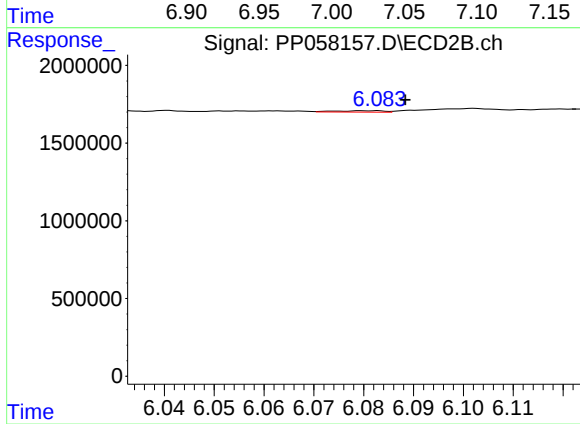
#27 AR-1254-2

R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 151173
Conc: 1.51 ng/ml



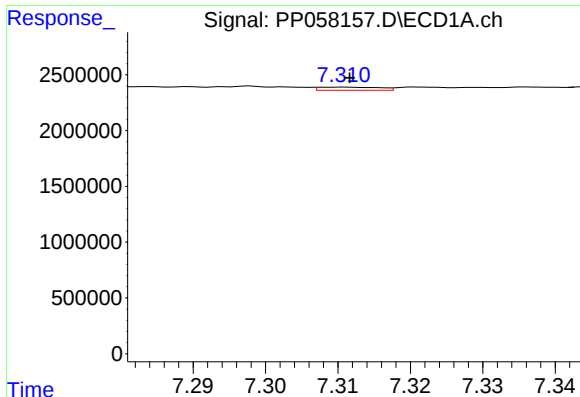
#28 AR-1254-3

R.T.: 7.018 min
Delta R.T.: -0.005 min
Response: 884690
Conc: 9.71 ng/ml



#28 AR-1254-3

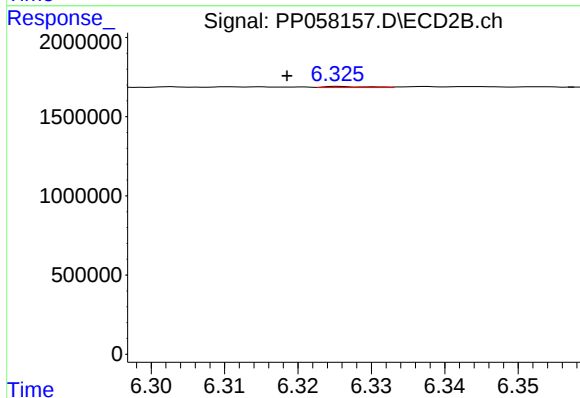
R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 61637
Conc: 0.39 ng/ml



#29 AR-1254-4

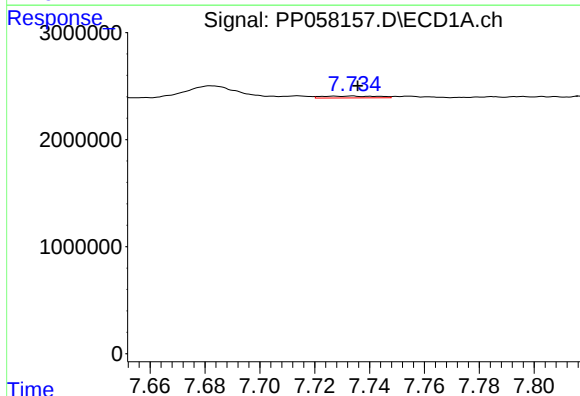
R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 164913
Conc: 2.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



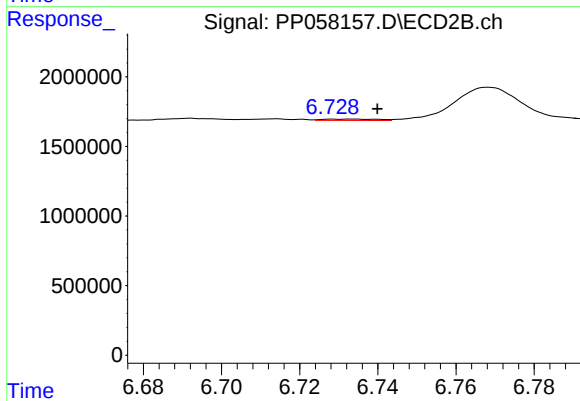
#29 AR-1254-4

R.T.: 6.326 min
Delta R.T.: 0.007 min
Response: 30893
Conc: 0.33 ng/ml



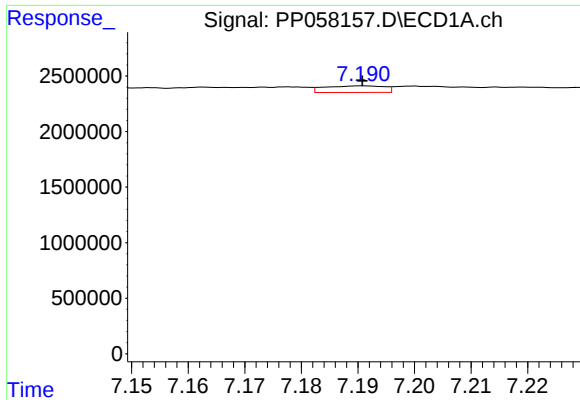
#30 AR-1254-5

R.T.: 7.734 min
Delta R.T.: -0.002 min
Response: 244351
Conc: 3.56 ng/ml



#30 AR-1254-5

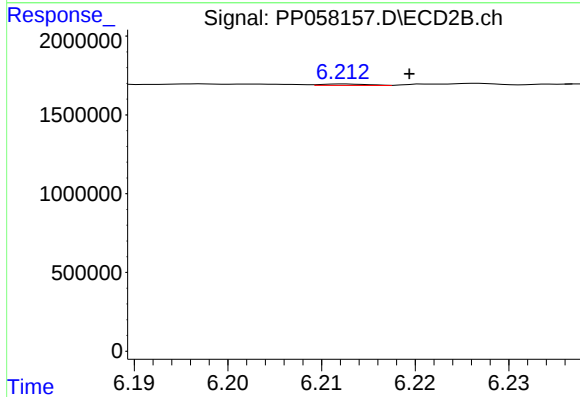
R.T.: 6.734 min
Delta R.T.: -0.006 min
Response: 94147
Conc: 0.65 ng/ml



#31 AR-1260-1

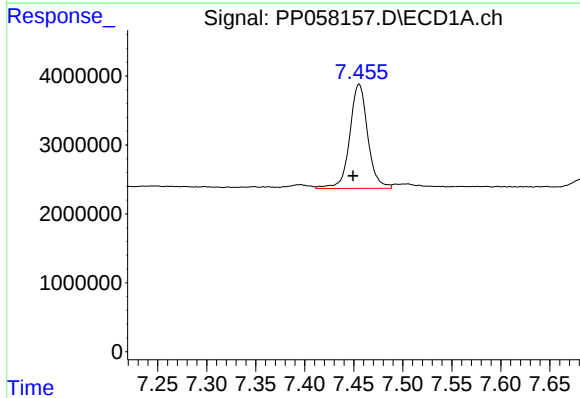
R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 435084
Conc: 5.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



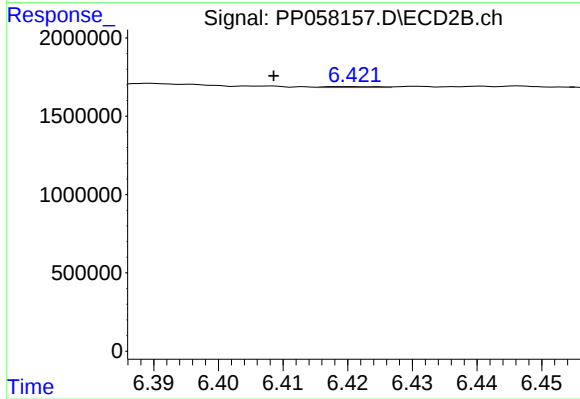
#31 AR-1260-1

R.T.: 6.212 min
Delta R.T.: -0.007 min
Response: 30387
Conc: 0.28 ng/ml



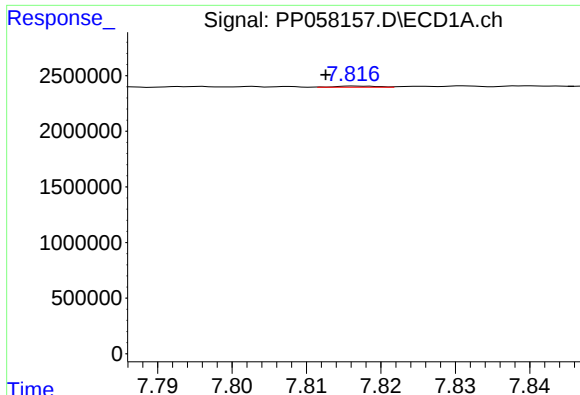
#32 AR-1260-2

R.T.: 7.455 min
Delta R.T.: 0.006 min
Response: 19339487
Conc: 241.39 ng/ml



#32 AR-1260-2

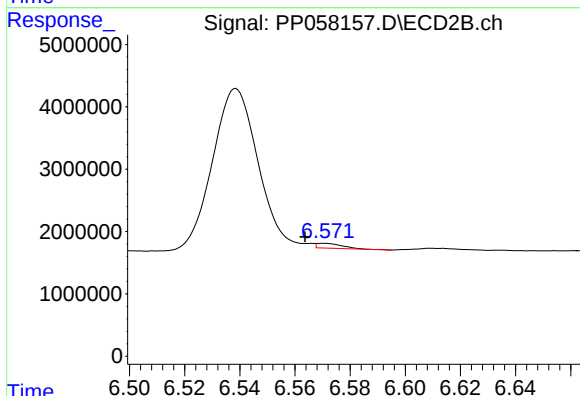
R.T.: 6.420 min
Delta R.T.: 0.011 min
Response: 38845
Conc: 0.31 ng/ml



#33 AR-1260-3

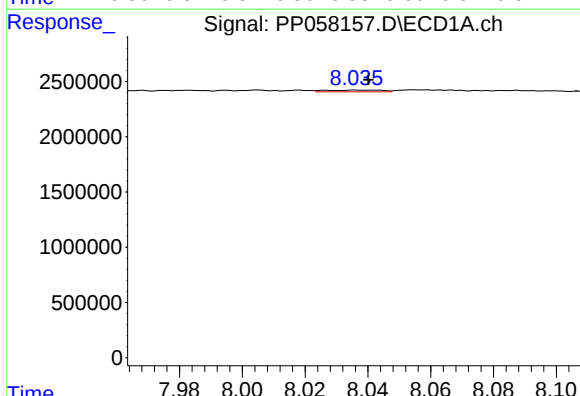
R.T.: 7.817 min
Delta R.T.: 0.004 min
Response: 40463
Conc: 0.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



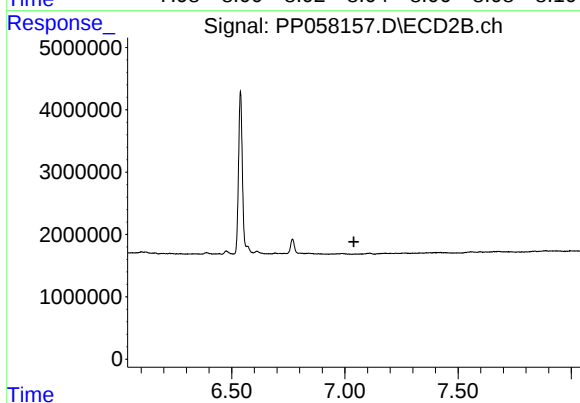
#33 AR-1260-3

R.T.: 6.570 min
Delta R.T.: 0.006 min
Response: 505097
Conc: 4.12 ng/ml



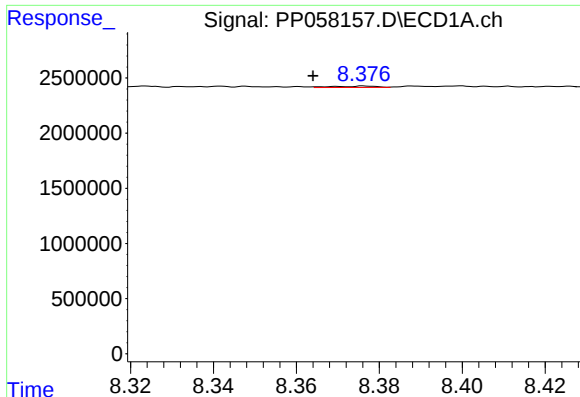
#34 AR-1260-4

R.T.: 8.036 min
Delta R.T.: -0.004 min
Response: 194355
Conc: 2.93 ng/ml



#34 AR-1260-4

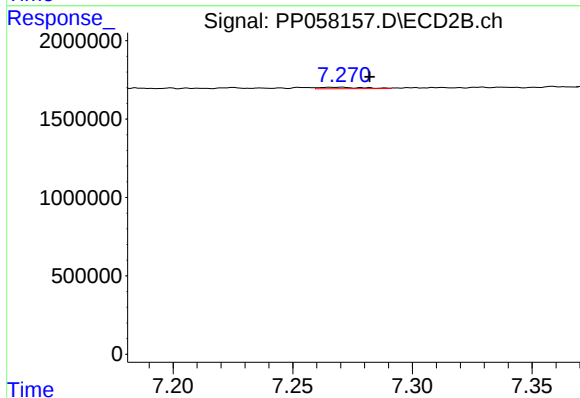
R.T.: 0.000 min
Exp R.T. : 7.040 min
Response: 0
Conc: N.D.



#35 AR-1260-5

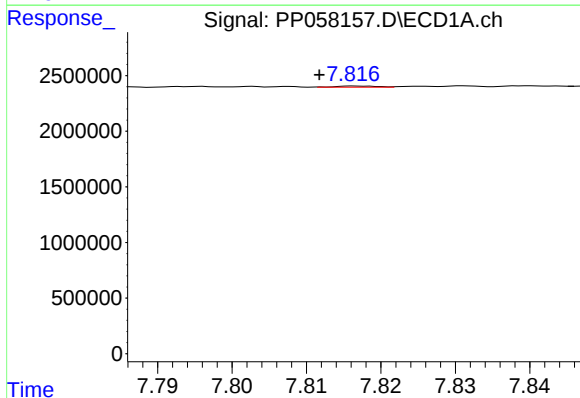
R.T.: 8.377 min
Delta R.T.: 0.013 min
Response: 91215
Conc: 0.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



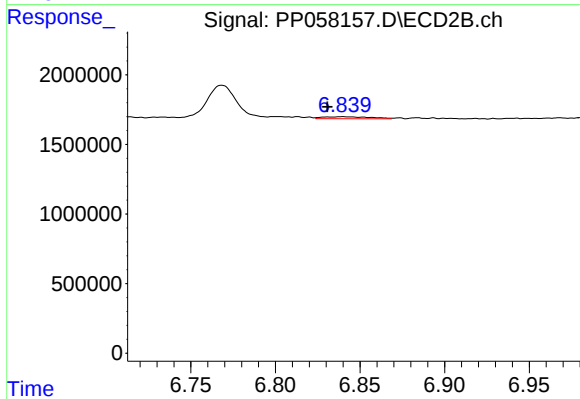
#35 AR-1260-5

R.T.: 7.270 min
Delta R.T.: -0.012 min
Response: 114251
Conc: 0.62 ng/ml



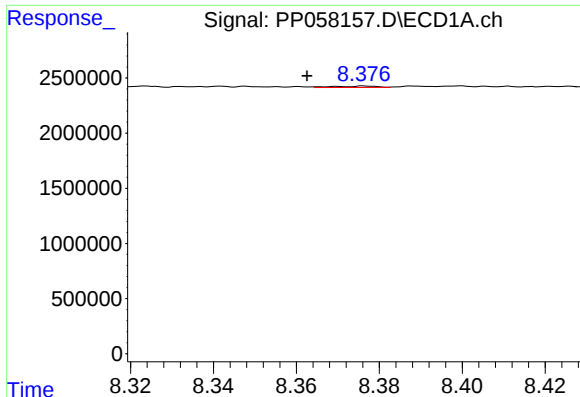
#36 AR-1262-1

R.T.: 7.817 min
Delta R.T.: 0.005 min
Response: 40463
Conc: 0.47 ng/ml



#36 AR-1262-1

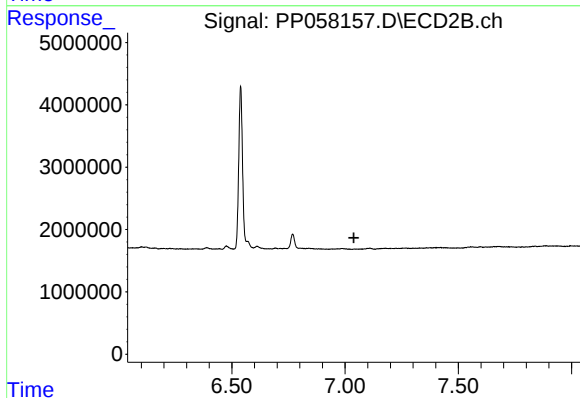
R.T.: 6.840 min
Delta R.T.: 0.009 min
Response: 274257
Conc: 4.32 ng/ml



#37 AR-1262-2

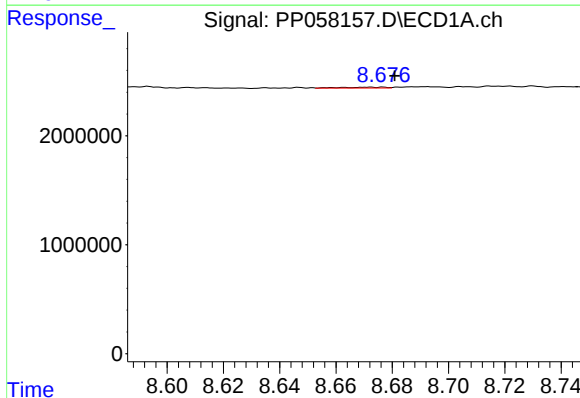
R.T.: 8.377 min
Delta R.T.: 0.014 min
Response: 91215
Conc: 0.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



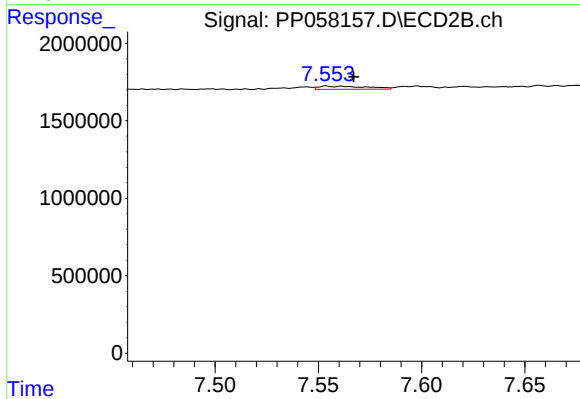
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.039 min
Response: 0
Conc: N.D.



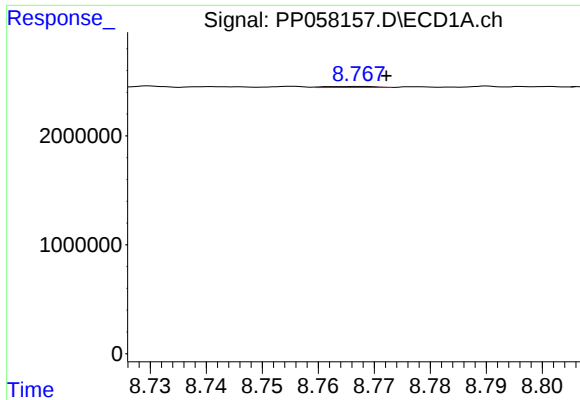
#38 AR-1262-3

R.T.: 8.676 min
Delta R.T.: -0.004 min
Response: 92082
Conc: 1.06 ng/ml



#38 AR-1262-3

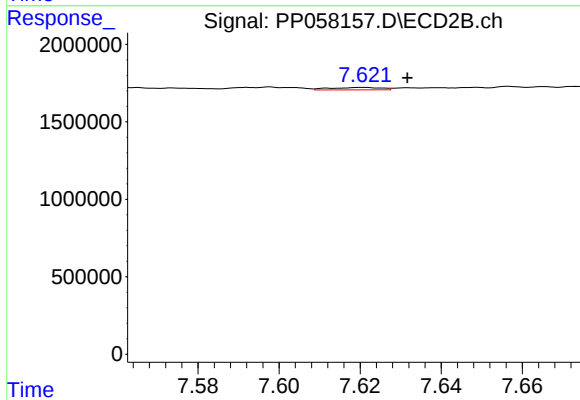
R.T.: 7.554 min
Delta R.T.: -0.013 min
Response: 327965
Conc: 3.50 ng/ml



#39 AR-1262-4

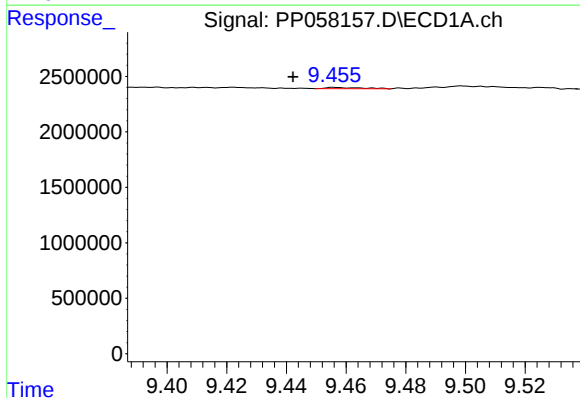
R.T.: 8.767 min
Delta R.T.: -0.005 min
Response: 57394
Conc: 0.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



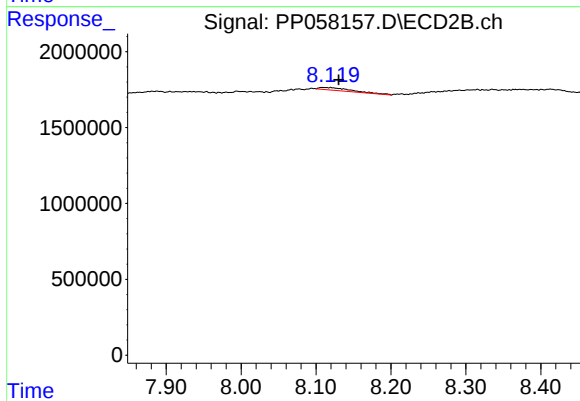
#39 AR-1262-4

R.T.: 7.621 min
Delta R.T.: -0.011 min
Response: 132675
Conc: 0.78 ng/ml



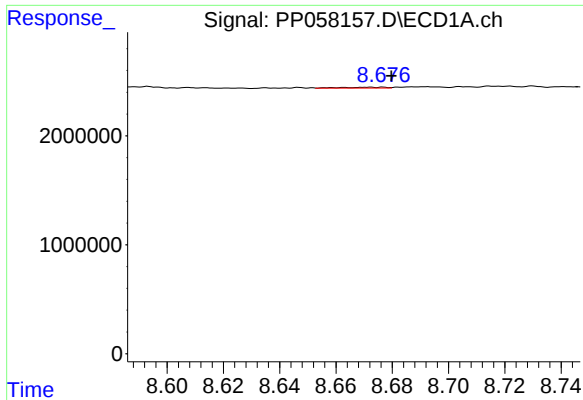
#40 AR-1262-5

R.T.: 9.457 min
Delta R.T.: 0.015 min
Response: 89595
Conc: 2.34 ng/ml



#40 AR-1262-5

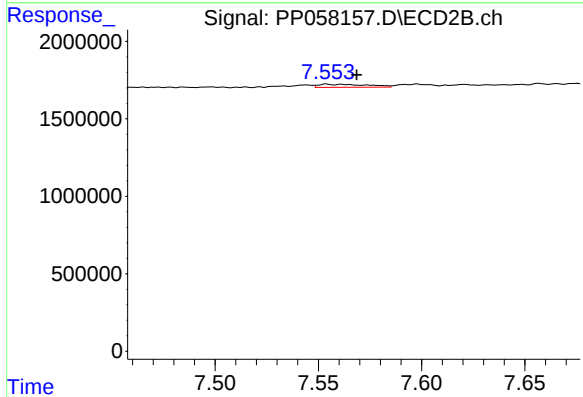
R.T.: 8.108 min
Delta R.T.: -0.022 min
Response: 514906
Conc: 7.00 ng/ml



#41 AR-1268-1

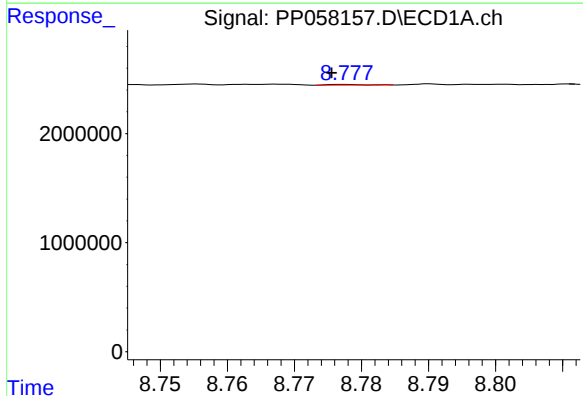
R.T.: 8.676 min
Delta R.T.: -0.003 min
Response: 92082
Conc: 0.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



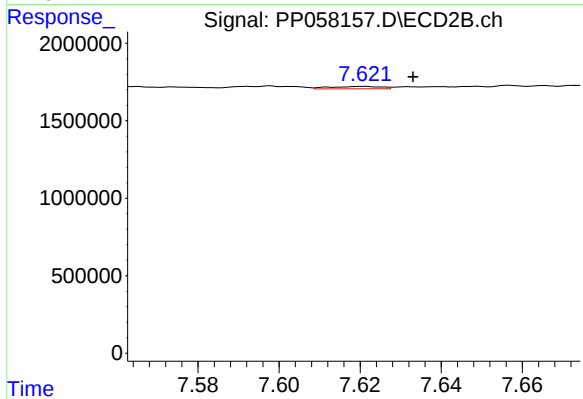
#41 AR-1268-1

R.T.: 7.554 min
Delta R.T.: -0.015 min
Response: 327965
Conc: 1.25 ng/ml



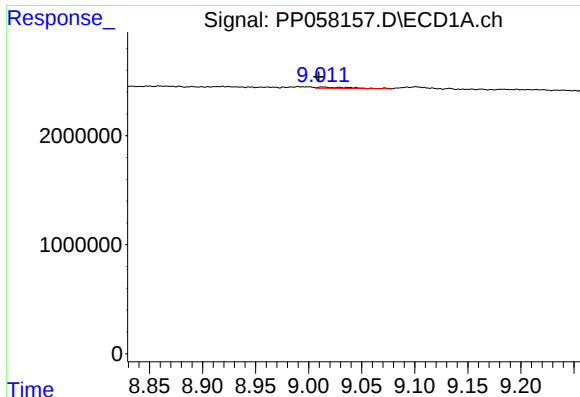
#42 AR-1268-2

R.T.: 8.778 min
Delta R.T.: 0.002 min
Response: 17686
Conc: 0.14 ng/ml



#42 AR-1268-2

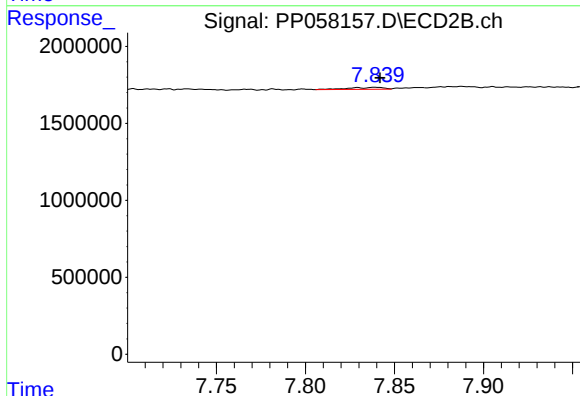
R.T.: 7.621 min
Delta R.T.: -0.012 min
Response: 132675
Conc: 0.54 ng/ml



#43 AR-1268-3

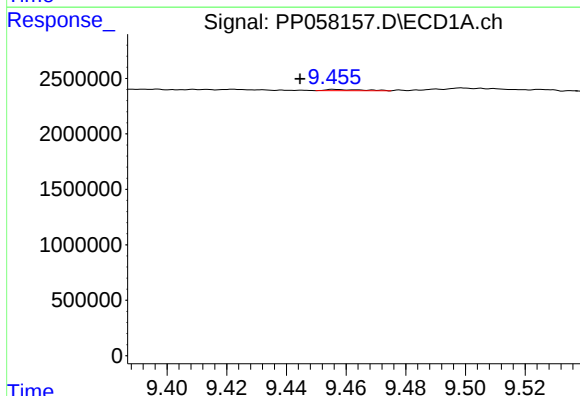
R.T.: 9.014 min
Delta R.T.: 0.004 min
Response: 232941
Conc: 1.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



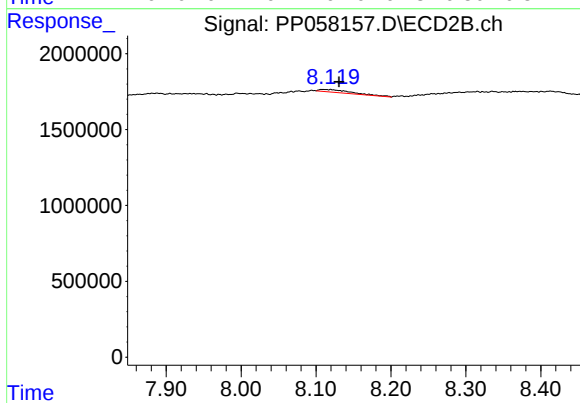
#43 AR-1268-3

R.T.: 7.839 min
Delta R.T.: -0.002 min
Response: 168263
Conc: 0.83 ng/ml



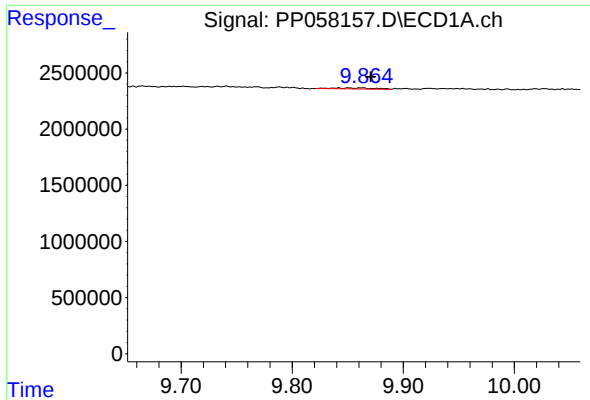
#44 AR-1268-4

R.T.: 9.457 min
Delta R.T.: 0.013 min
Response: 89595
Conc: 2.12 ng/ml



#44 AR-1268-4

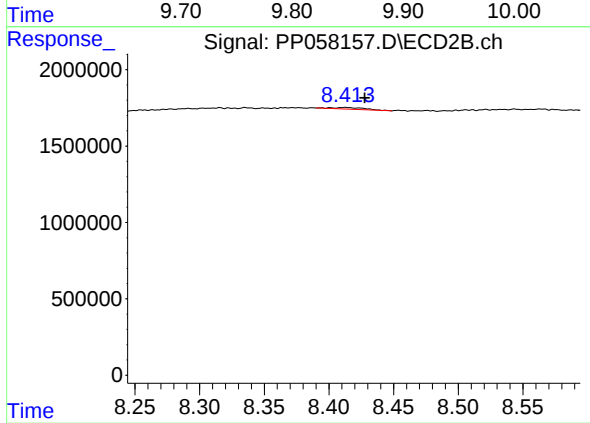
R.T.: 8.108 min
Delta R.T.: -0.023 min
Response: 514906
Conc: 6.22 ng/ml



#45 AR-1268-5

R.T.: 9.842 min
Delta R.T.: -0.029 min
Response: 211413
Conc: 0.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.413 min
Delta R.T.: -0.015 min
Response: 194142
Conc: 0.38 ng/ml