

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080823\
 Data File : PP059246.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 07:35
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 07:53:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.414	3.646	27503174	45761397	22.414	22.585
2)	SA Decachlor...	10.206	8.682	19954697	35160101	26.145	24.993
Target Compounds							
3)	L1 AR-1016-1	5.599	4.750	26867	874369	0.684	13.633 #
4)	L1 AR-1016-2	5.616	4.767	25101	104135	0.443	1.146 #
5)	L1 AR-1016-3	5.662f	4.933	155549	168703	4.336	3.511
6)	L1 AR-1016-4	5.781	4.989	-9283	317009	N.D.	7.677 #
7)	L1 AR-1016-5	6.083	5.193	31733	419974	1.049	8.071 #
8)	L2 AR-1221-1	4.637	3.875	34000	71900	2.158	2.649
9)	L2 AR-1221-2	4.723	3.949	541924	623870	45.891	31.335 #
10)	L2 AR-1221-3	4.806f	4.028	31986	35734	0.908	0.600 #
11)	L3 AR-1232-1	4.806f	4.028	31986	35734	1.088	0.753 #
12)	L3 AR-1232-2	5.322	4.767	30264	104135	1.942	2.455 #
13)	L3 AR-1232-3	5.616	4.933	25101	168703	0.951	7.603 #
14)	L3 AR-1232-4	5.781	5.023	-9283	139726	N.D.	6.618 #
15)	L3 AR-1232-5	5.864	5.193	79084	419974	6.928	18.321 #
16)	L4 AR-1242-1	5.599	4.750	26867	874369	0.785	15.624 #
17)	L4 AR-1242-2	5.616	4.767	25101	104135	0.512	1.306 #
18)	L4 AR-1242-3	5.662f	4.933	155549	168703	4.951	3.958
19)	L4 AR-1242-4	5.781	5.023	-9283	139726	N.D.	3.200 #
20)	L4 AR-1242-5	6.507	5.545	116771	98178	4.520	1.976 #
21)	L5 AR-1248-1	5.599	4.750	26867	874369	1.059	21.255 #
22)	L5 AR-1248-2	5.864	4.989	79084	317009	2.043	5.264 #
23)	L5 AR-1248-3	6.065	5.023	50531	139726	1.196	2.268 #
24)	L5 AR-1248-4	6.478	5.193	84415	419974	2.028	5.833 #
25)	L5 AR-1248-5	6.507	5.595	116771	107175	2.863	1.624 #
26)	L6 AR-1254-1	6.451	5.551	534263	104883	11.437	1.035 #
27)	L6 AR-1254-2	6.673	5.699	76371	193409	1.110	2.191 #
28)	L6 AR-1254-3	7.039	6.102	280274	113356	4.061	0.820 #
29)	L6 AR-1254-4	7.325	6.334	57148	95656	1.270	1.190
30)	L6 AR-1254-5	7.744	6.749	120806	120638	2.571	1.009 #
31)	L7 AR-1260-1	7.194	6.233	113908	87222	2.082	0.881 #
32)	L7 AR-1260-2	7.472	6.424	65952	61501	1.108	0.532 #
33)	L7 AR-1260-3	7.821	6.577	42316	114735	1.075	1.031
34)	L7 AR-1260-4	8.059	7.050	48671	6275	1.096	0.072 #
35)	L7 AR-1260-5	8.372	7.293	23222	43050	0.290	0.234
36)	L8 AR-1262-1	7.821	6.839	42316	14892	0.664	0.259 #
37)	L8 AR-1262-2	8.372	7.050	23222	6275	0.253	0.053 #
38)	L8 AR-1262-3	8.690	7.578	33050	14227	0.514	0.167 #
39)	L8 AR-1262-4	8.783	7.639	26639	23851	0.802	0.158 #
40)	L8 AR-1262-5	9.436	8.137	26477	121205	0.887	1.900 #
41)	L9 AR-1268-1	8.690	7.578	33050	14227	0.291	0.058 #

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 Acq On : 09 Aug 2023 07:35
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

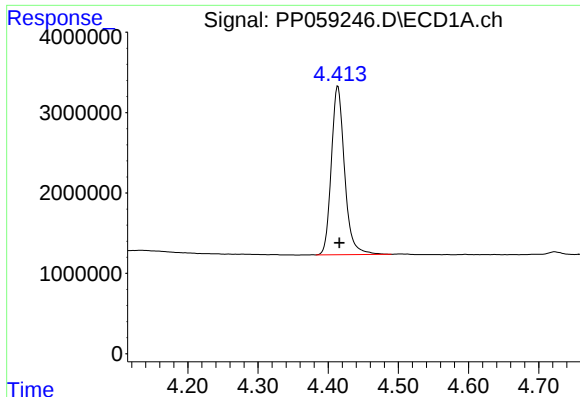
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 07:53:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.783	7.645	26639	53563	0.271	0.245
43) L9	AR-1268-3	9.004	7.851	93716	23564	1.011	0.121 #
44) L9	AR-1268-4	9.436	8.137	26477	121205	0.830	1.742 #
45) L9	AR-1268-5	9.859	8.428	137073	141907	0.505	0.274 #

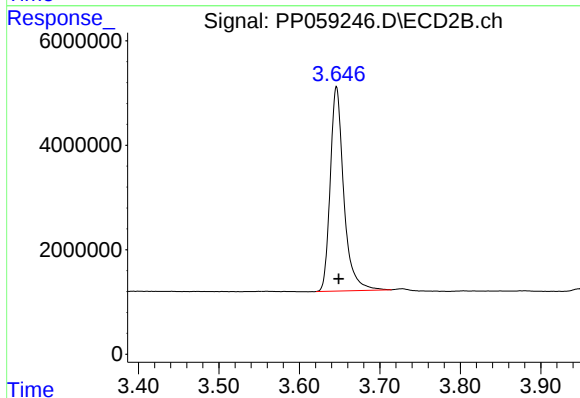
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

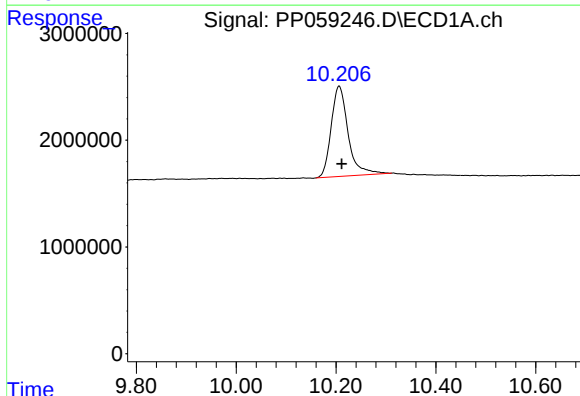
R.T.: 4.414 min
Delta R.T.: -0.002 min
Response: 27503174
Conc: 22.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



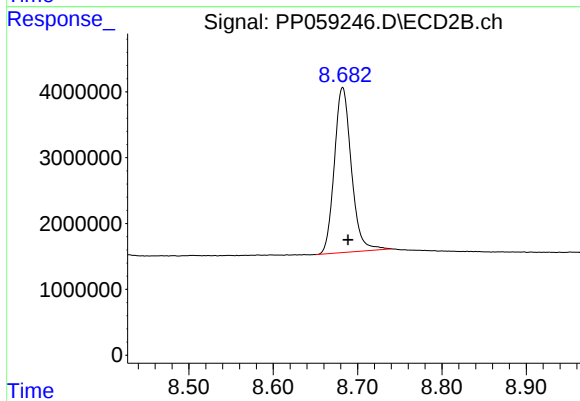
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: -0.003 min
Response: 45761397
Conc: 22.59 ng/ml



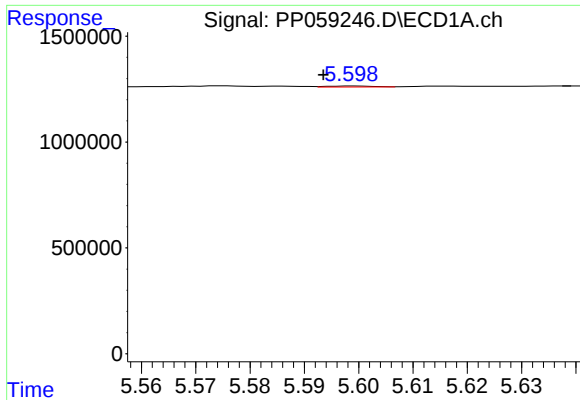
#2 Decachlorobiphenyl

R.T.: 10.206 min
Delta R.T.: -0.005 min
Response: 19954697
Conc: 26.14 ng/ml



#2 Decachlorobiphenyl

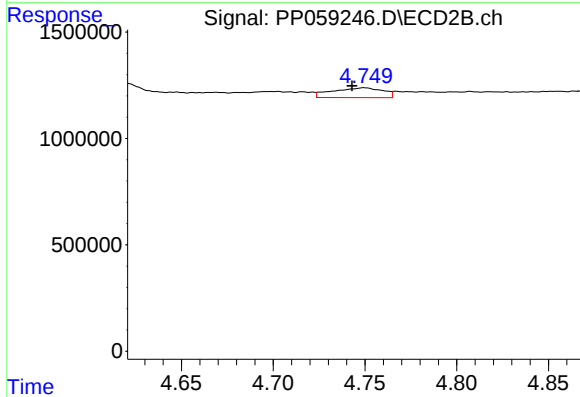
R.T.: 8.682 min
Delta R.T.: -0.006 min
Response: 35160101
Conc: 24.99 ng/ml



#3 AR-1016-1

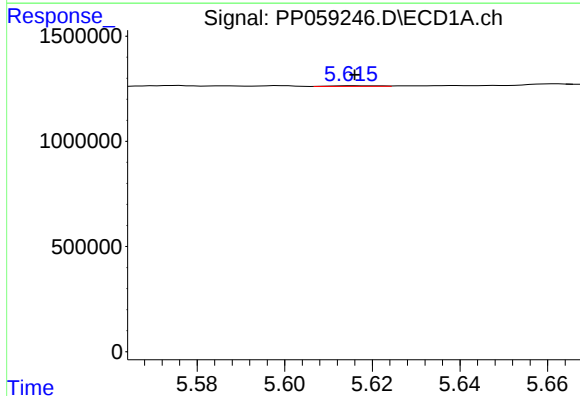
R.T.: 5.599 min
Delta R.T.: 0.006 min
Response: 26867
Conc: 0.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



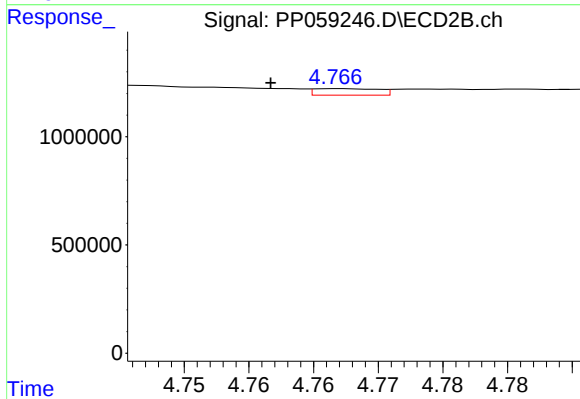
#3 AR-1016-1

R.T.: 4.750 min
Delta R.T.: 0.007 min
Response: 874369
Conc: 13.63 ng/ml



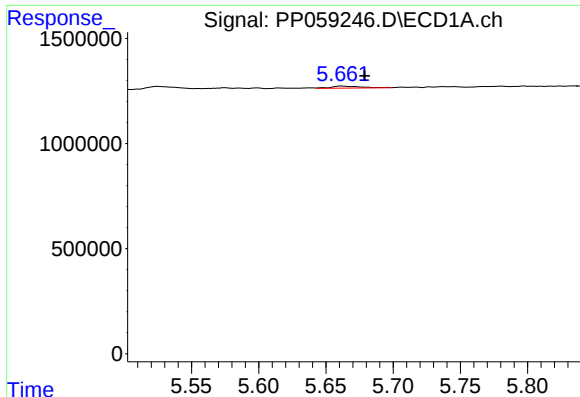
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 25101
Conc: 0.44 ng/ml



#4 AR-1016-2

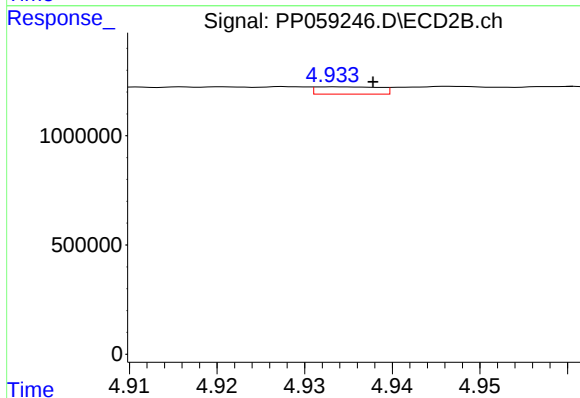
R.T.: 4.767 min
Delta R.T.: 0.005 min
Response: 104135
Conc: 1.15 ng/ml



#5 AR-1016-3

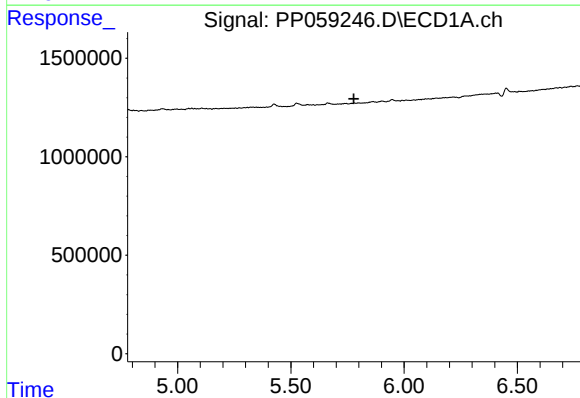
R.T.: 5.662 min
Delta R.T.: -0.017 min
Response: 155549
Conc: 4.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



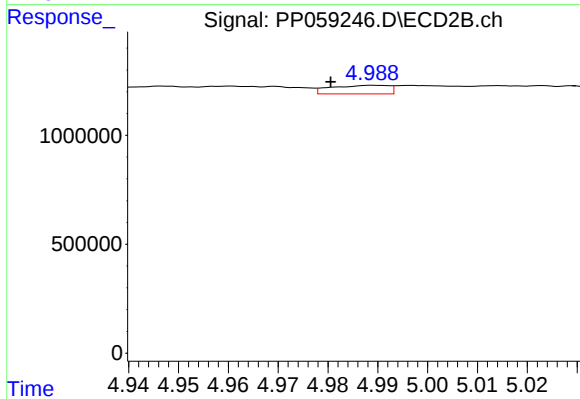
#5 AR-1016-3

R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 168703
Conc: 3.51 ng/ml



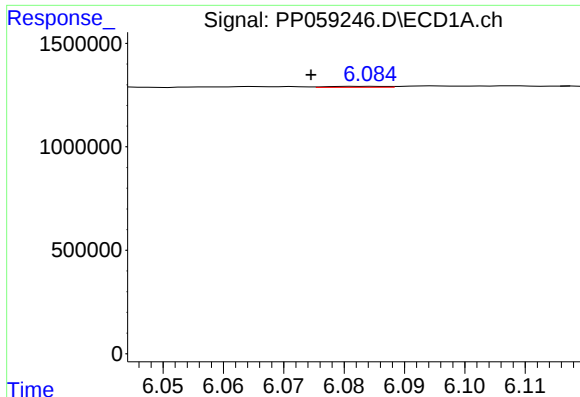
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: 0.003 min
Response: -9283
Conc: N.D.



#6 AR-1016-4

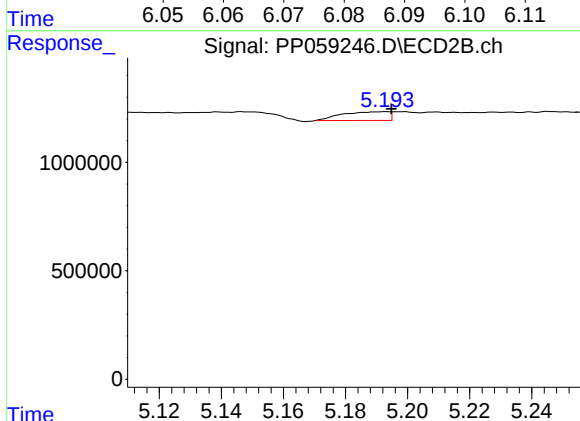
R.T.: 4.989 min
Delta R.T.: 0.008 min
Response: 317009
Conc: 7.68 ng/ml



#7 AR-1016-5

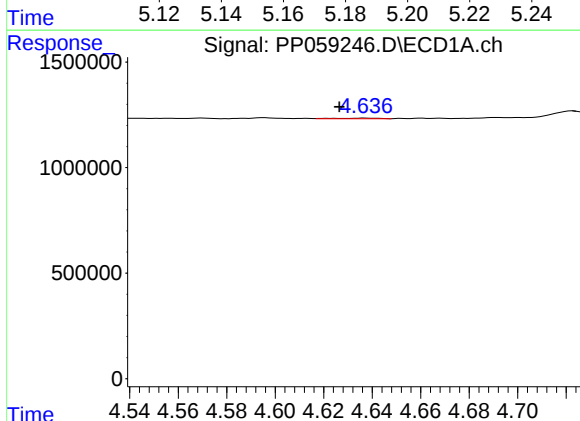
R.T.: 6.083 min
Delta R.T.: 0.009 min
Response: 31733
Conc: 1.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



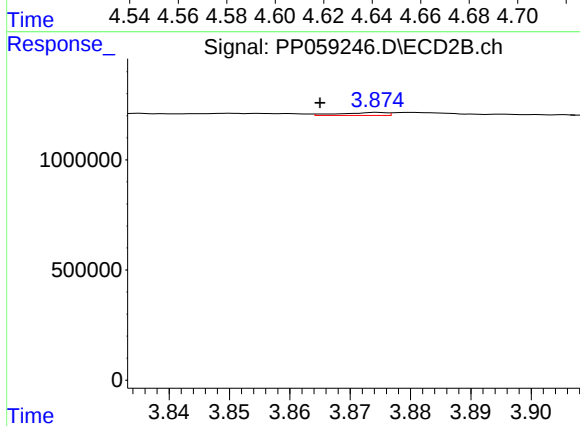
#7 AR-1016-5

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 419974
Conc: 8.07 ng/ml



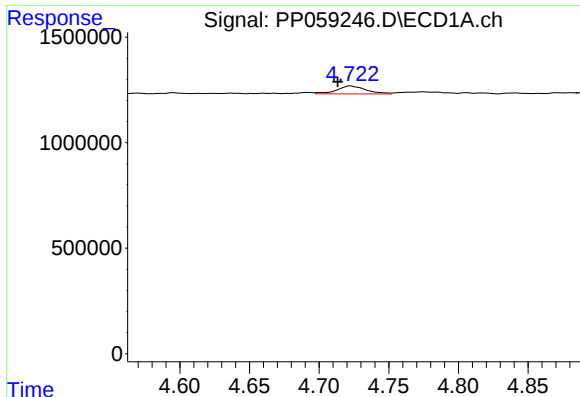
#8 AR-1221-1

R.T.: 4.637 min
Delta R.T.: 0.011 min
Response: 34000
Conc: 2.16 ng/ml



#8 AR-1221-1

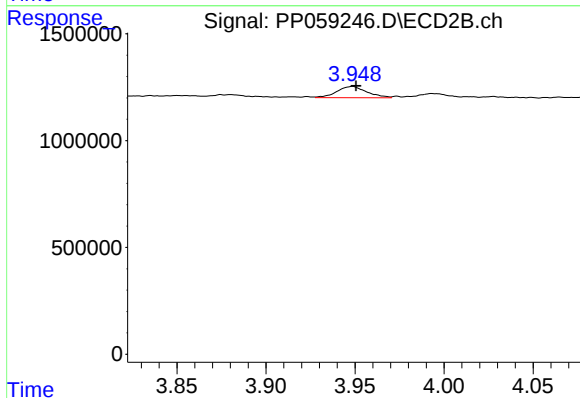
R.T.: 3.875 min
Delta R.T.: 0.010 min
Response: 71900
Conc: 2.65 ng/ml



#9 AR-1221-2

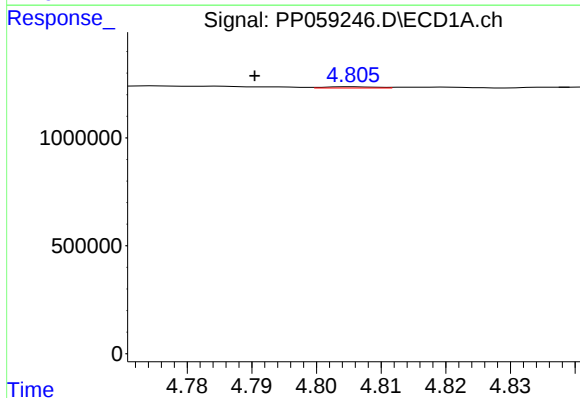
R.T.: 4.723 min
Delta R.T.: 0.009 min
Response: 541924
Conc: 45.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



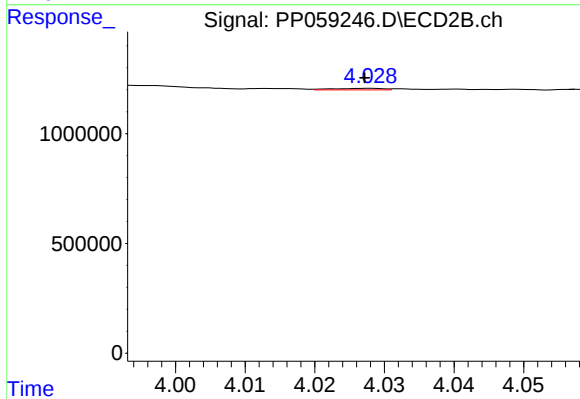
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: -0.002 min
Response: 623870
Conc: 31.33 ng/ml



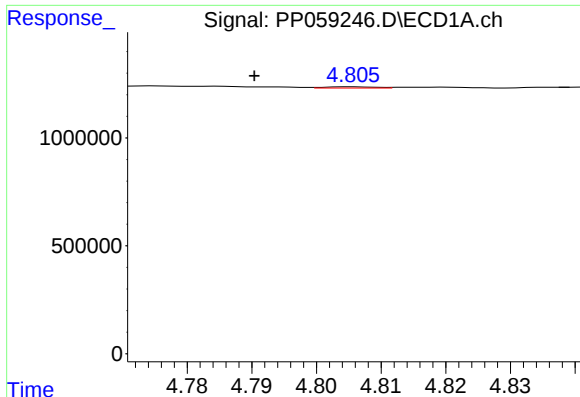
#10 AR-1221-3

R.T.: 4.806 min
Delta R.T.: 0.015 min
Response: 31986
Conc: 0.91 ng/ml



#10 AR-1221-3

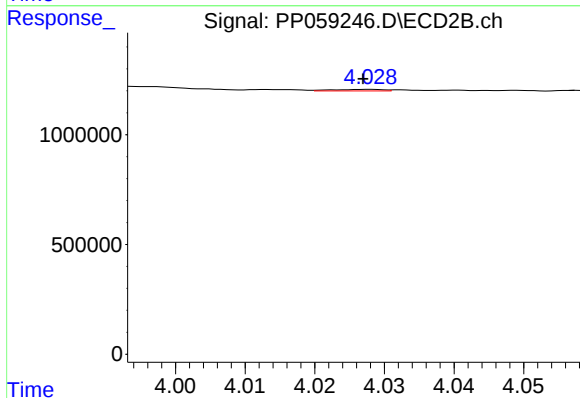
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 35734
Conc: 0.60 ng/ml



#11 AR-1232-1

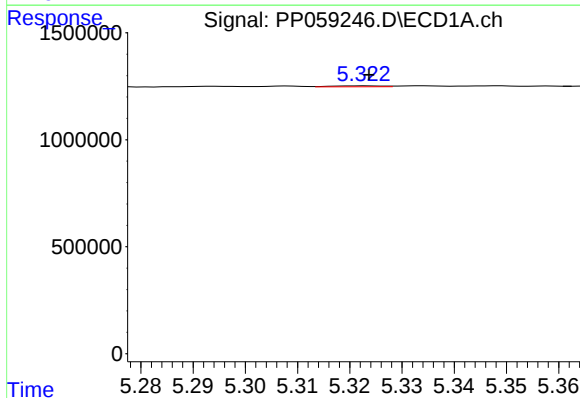
R.T.: 4.806 min
Delta R.T.: 0.015 min
Response: 31986
Conc: 1.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



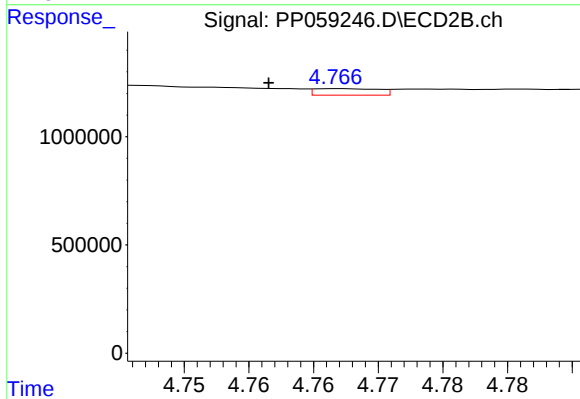
#11 AR-1232-1

R.T.: 4.028 min
Delta R.T.: 0.001 min
Response: 35734
Conc: 0.75 ng/ml



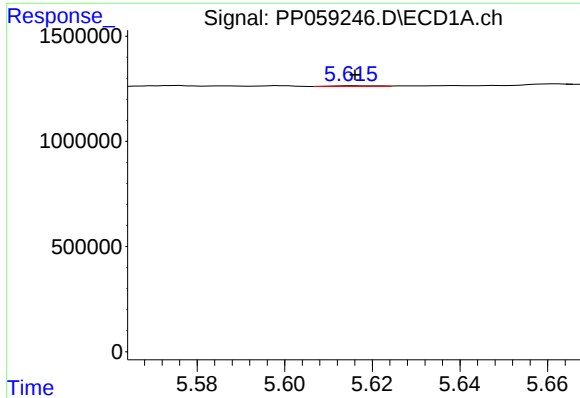
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.001 min
Response: 30264
Conc: 1.94 ng/ml



#12 AR-1232-2

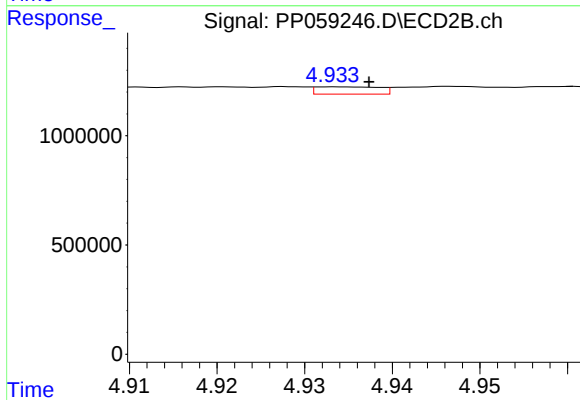
R.T.: 4.767 min
Delta R.T.: 0.005 min
Response: 104135
Conc: 2.45 ng/ml



#13 AR-1232-3

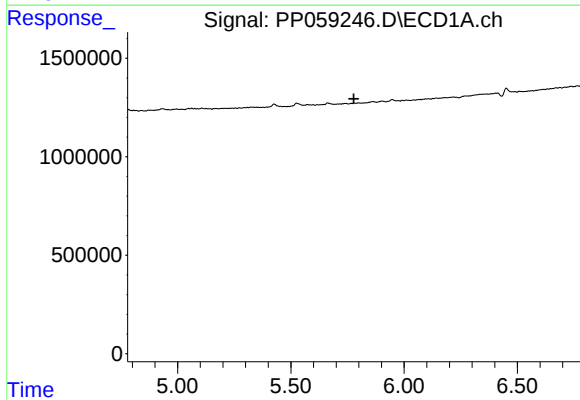
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 25101
Conc: 0.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



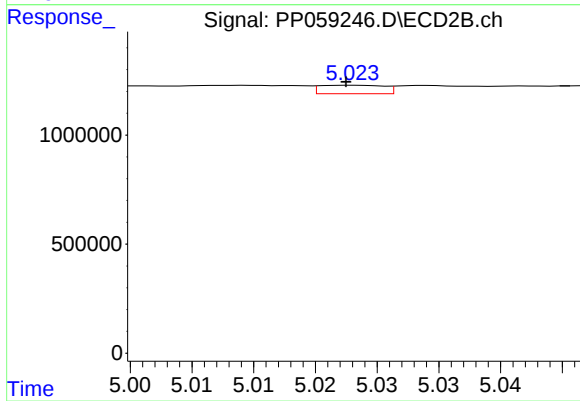
#13 AR-1232-3

R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 168703
Conc: 7.60 ng/ml



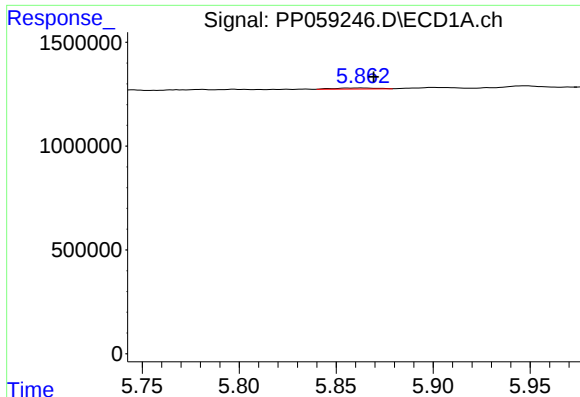
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: 0.003 min
Response: -9283
Conc: N.D.



#14 AR-1232-4

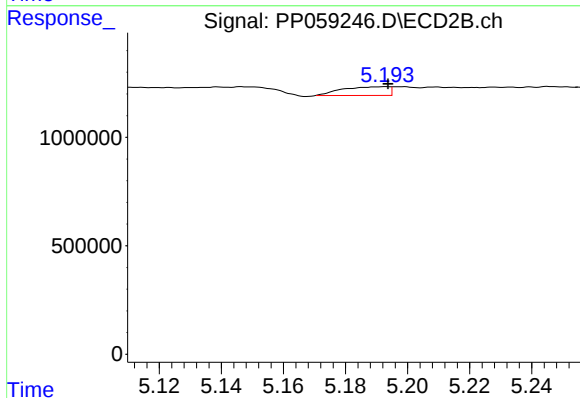
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 139726
Conc: 6.62 ng/ml



#15 AR-1232-5

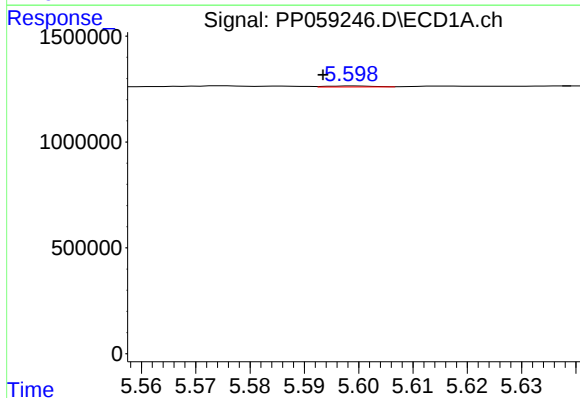
R.T.: 5.864 min
Delta R.T.: -0.006 min
Response: 79084
Conc: 6.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



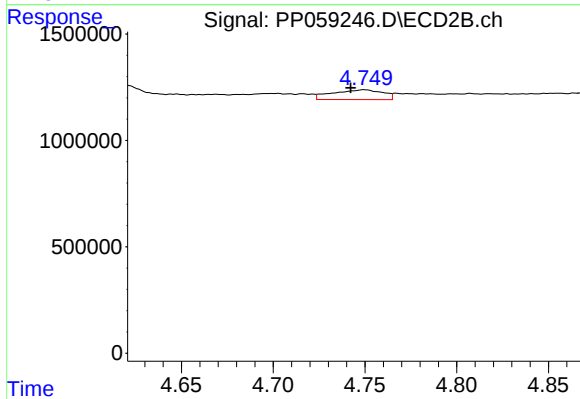
#15 AR-1232-5

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 419974
Conc: 18.32 ng/ml



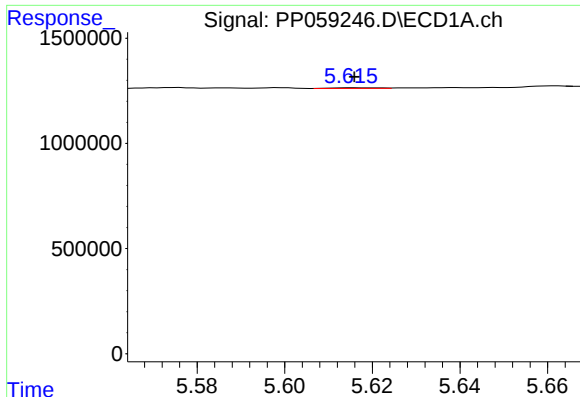
#16 AR-1242-1

R.T.: 5.599 min
Delta R.T.: 0.006 min
Response: 26867
Conc: 0.78 ng/ml



#16 AR-1242-1

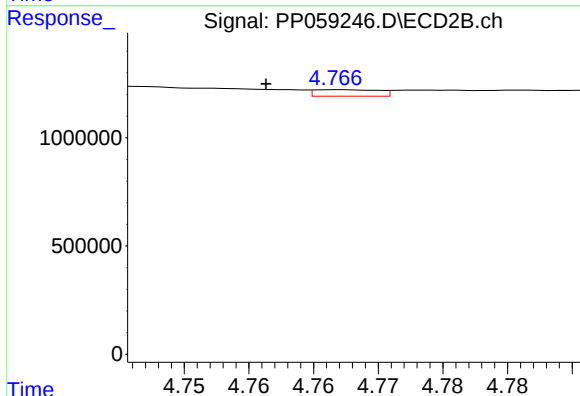
R.T.: 4.750 min
Delta R.T.: 0.007 min
Response: 874369
Conc: 15.62 ng/ml



#17 AR-1242-2

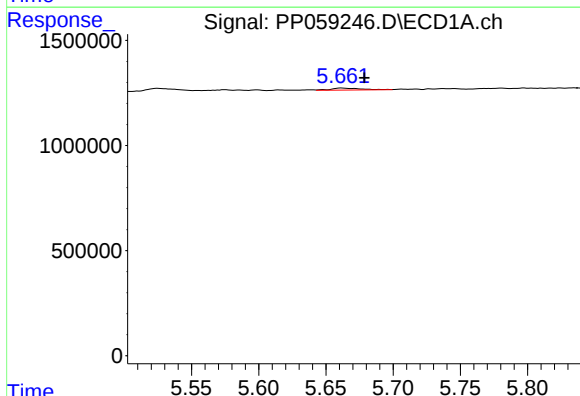
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 25101
Conc: 0.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



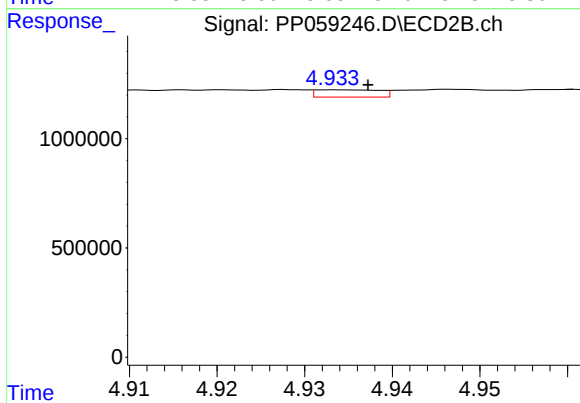
#17 AR-1242-2

R.T.: 4.767 min
Delta R.T.: 0.006 min
Response: 104135
Conc: 1.31 ng/ml



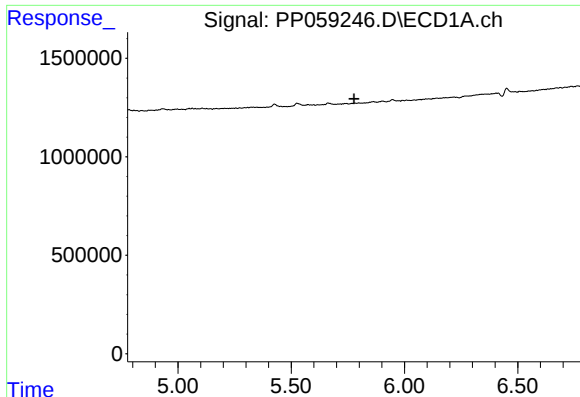
#18 AR-1242-3

R.T.: 5.662 min
Delta R.T.: -0.017 min
Response: 155549
Conc: 4.95 ng/ml



#18 AR-1242-3

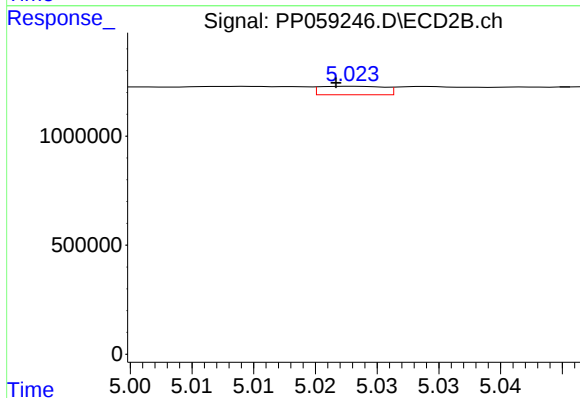
R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 168703
Conc: 3.96 ng/ml



#19 AR-1242-4

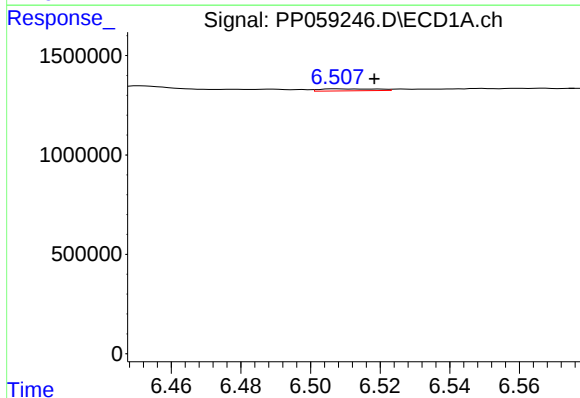
R.T.: 5.781 min
Delta R.T.: 0.004 min
Response: -9283
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



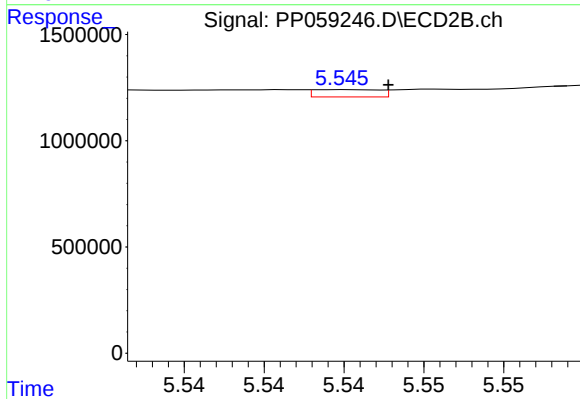
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 139726
Conc: 3.20 ng/ml



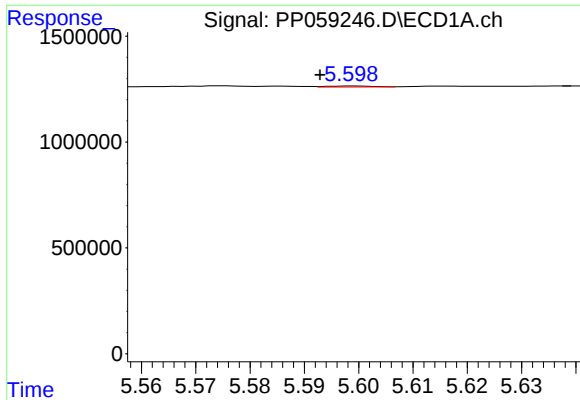
#20 AR-1242-5

R.T.: 6.507 min
Delta R.T.: -0.011 min
Response: 116771
Conc: 4.52 ng/ml



#20 AR-1242-5

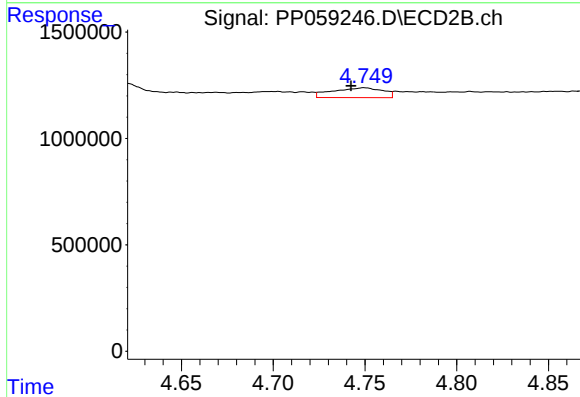
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 98178
Conc: 1.98 ng/ml



#21 AR-1248-1

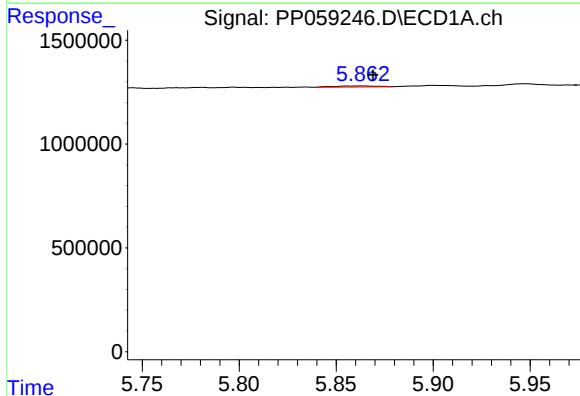
R.T.: 5.599 min
Delta R.T.: 0.006 min
Response: 26867
Conc: 1.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



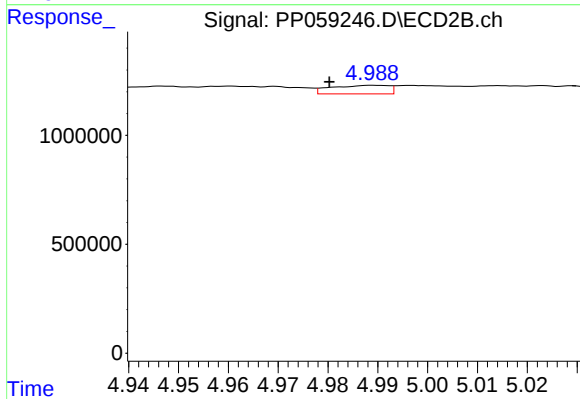
#21 AR-1248-1

R.T.: 4.750 min
Delta R.T.: 0.007 min
Response: 874369
Conc: 21.25 ng/ml



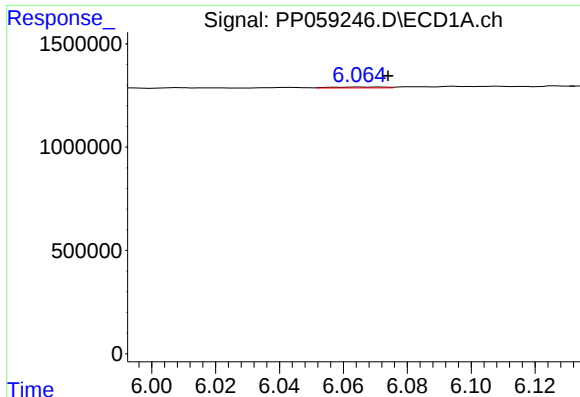
#22 AR-1248-2

R.T.: 5.864 min
Delta R.T.: -0.005 min
Response: 79084
Conc: 2.04 ng/ml



#22 AR-1248-2

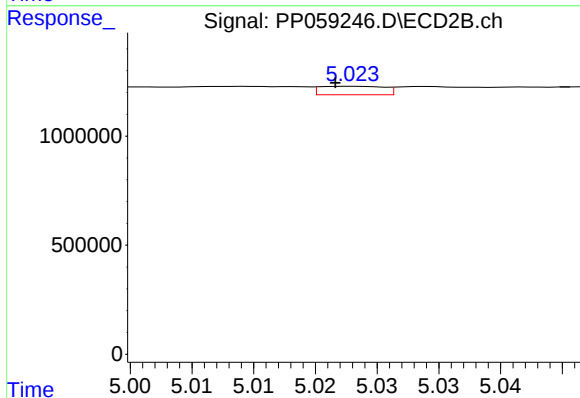
R.T.: 4.989 min
Delta R.T.: 0.009 min
Response: 317009
Conc: 5.26 ng/ml



#23 AR-1248-3

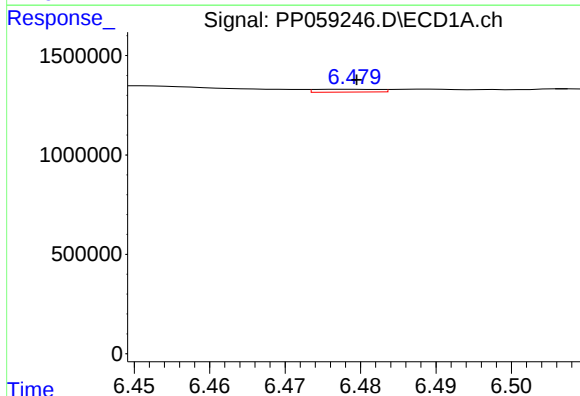
R.T.: 6.065 min
Delta R.T.: -0.009 min
Response: 50531
Conc: 1.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



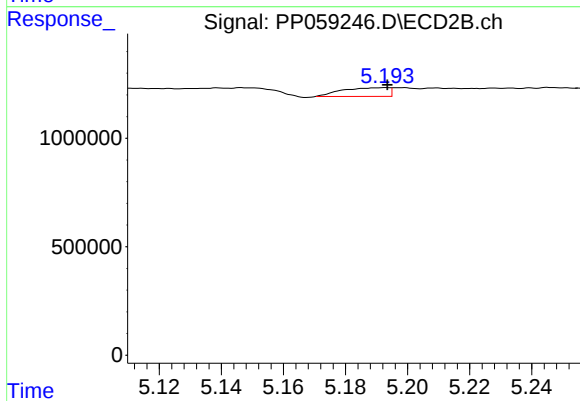
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 139726
Conc: 2.27 ng/ml



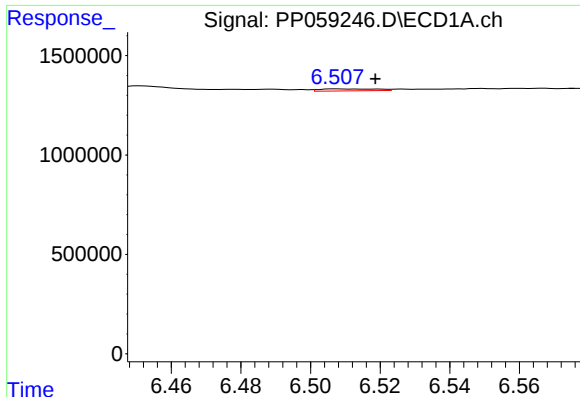
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 84415
Conc: 2.03 ng/ml



#24 AR-1248-4

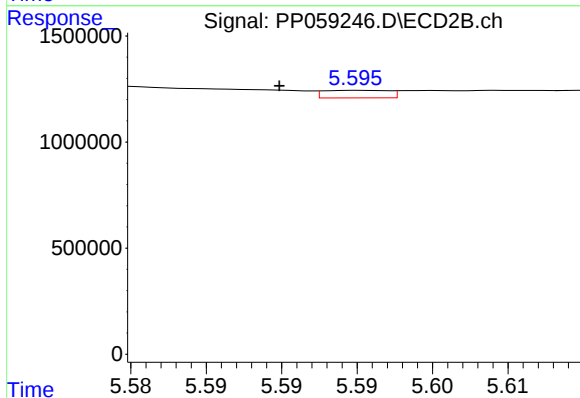
R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 419974
Conc: 5.83 ng/ml



#25 AR-1248-5

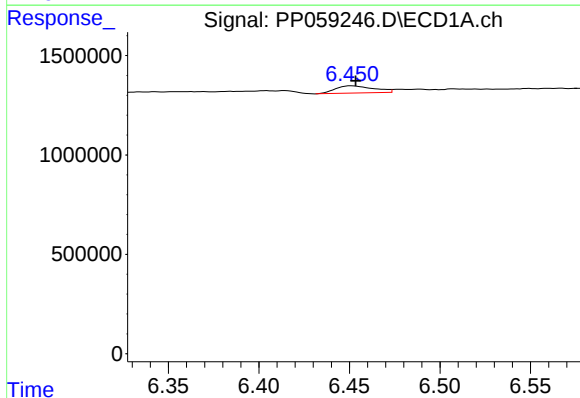
R.T.: 6.507 min
Delta R.T.: -0.011 min
Response: 116771
Conc: 2.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



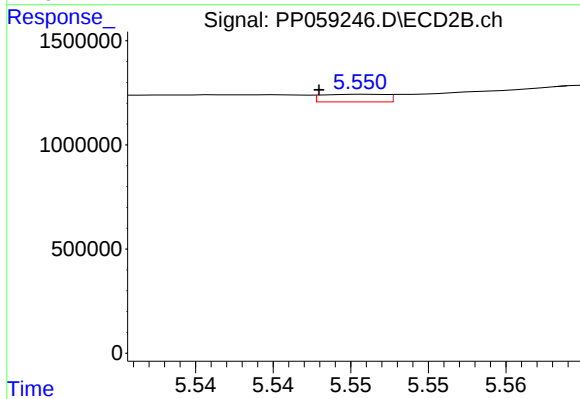
#25 AR-1248-5

R.T.: 5.595 min
Delta R.T.: 0.005 min
Response: 107175
Conc: 1.62 ng/ml



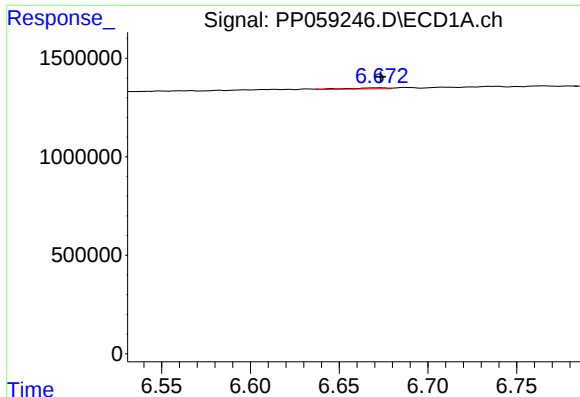
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 534263
Conc: 11.44 ng/ml



#26 AR-1254-1

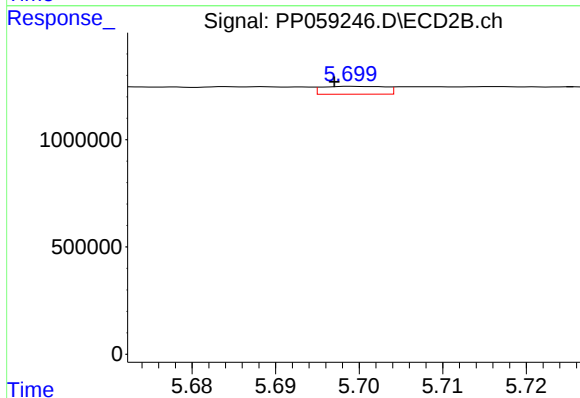
R.T.: 5.551 min
Delta R.T.: 0.003 min
Response: 104883
Conc: 1.04 ng/ml



#27 AR-1254-2

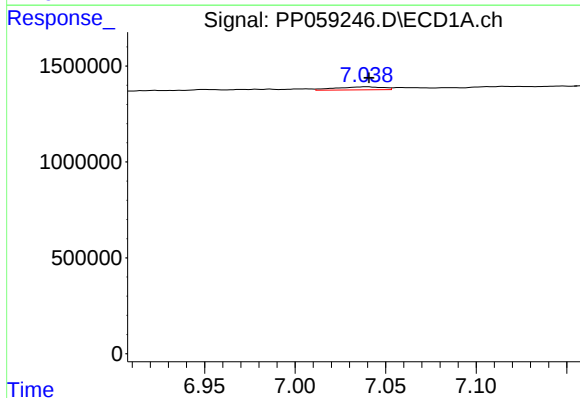
R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 76371
Conc: 1.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



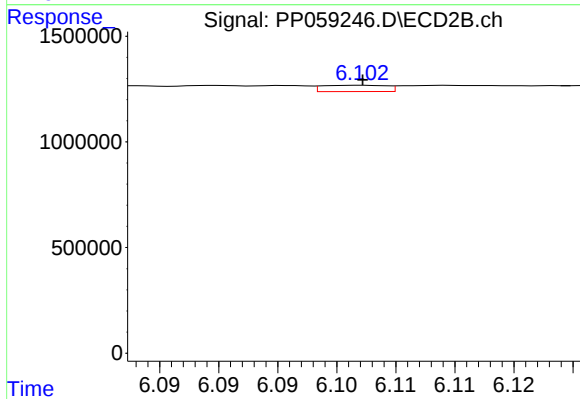
#27 AR-1254-2

R.T.: 5.699 min
Delta R.T.: 0.002 min
Response: 193409
Conc: 2.19 ng/ml



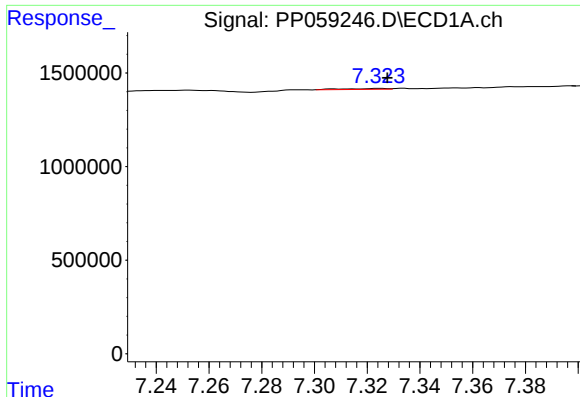
#28 AR-1254-3

R.T.: 7.039 min
Delta R.T.: -0.001 min
Response: 280274
Conc: 4.06 ng/ml



#28 AR-1254-3

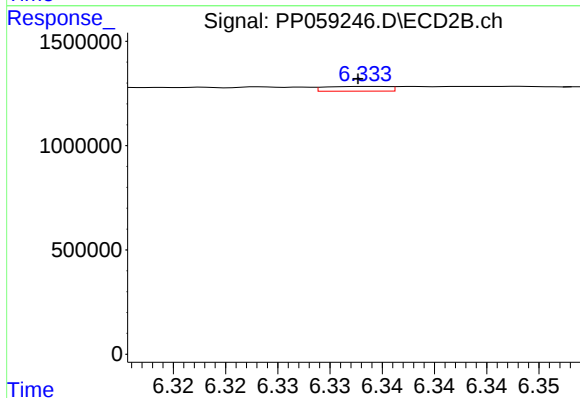
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 113356
Conc: 0.82 ng/ml



#29 AR-1254-4

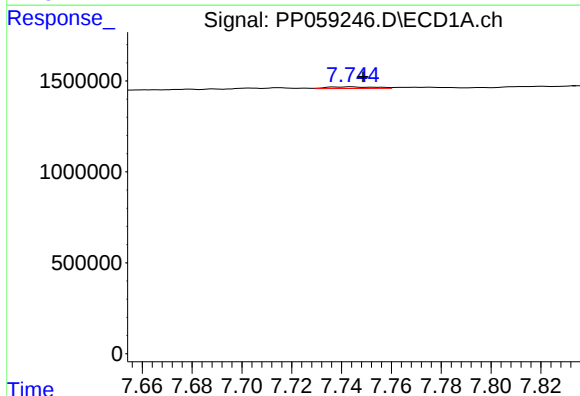
R.T.: 7.325 min
Delta R.T.: -0.003 min
Response: 57148
Conc: 1.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



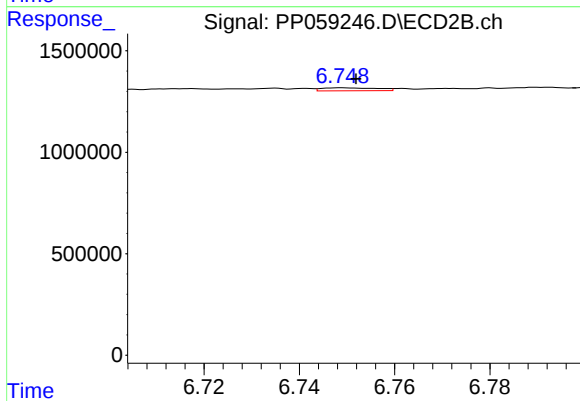
#29 AR-1254-4

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 95656
Conc: 1.19 ng/ml



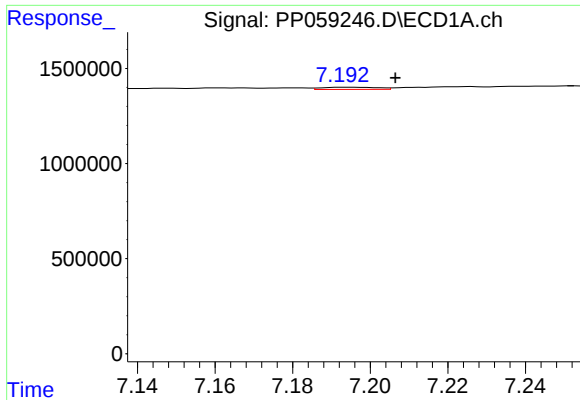
#30 AR-1254-5

R.T.: 7.744 min
Delta R.T.: -0.005 min
Response: 120806
Conc: 2.57 ng/ml



#30 AR-1254-5

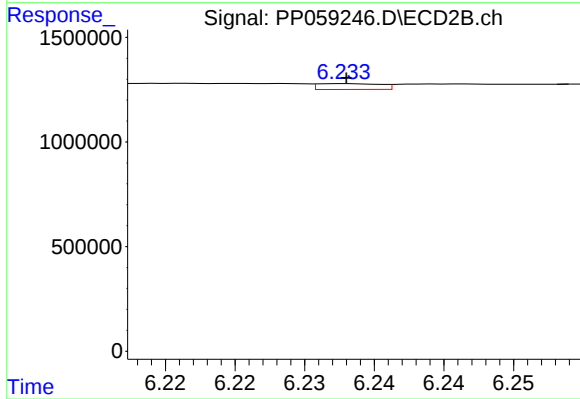
R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 120638
Conc: 1.01 ng/ml



#31 AR-1260-1

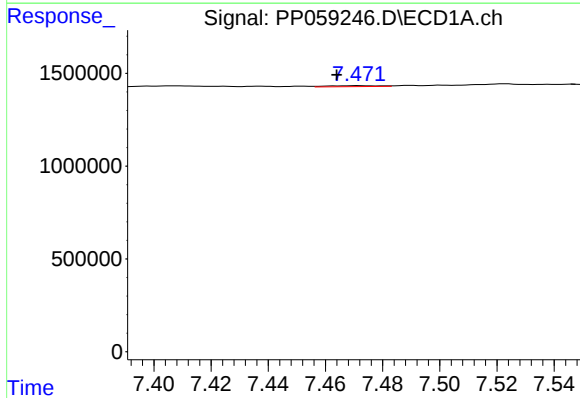
R.T.: 7.194 min
Delta R.T.: -0.013 min
Response: 113908
Conc: 2.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



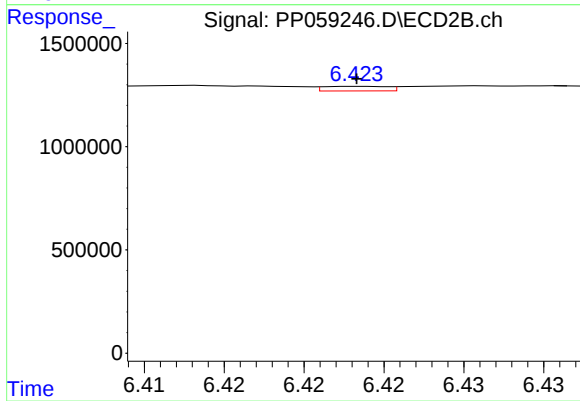
#31 AR-1260-1

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 87222
Conc: 0.88 ng/ml



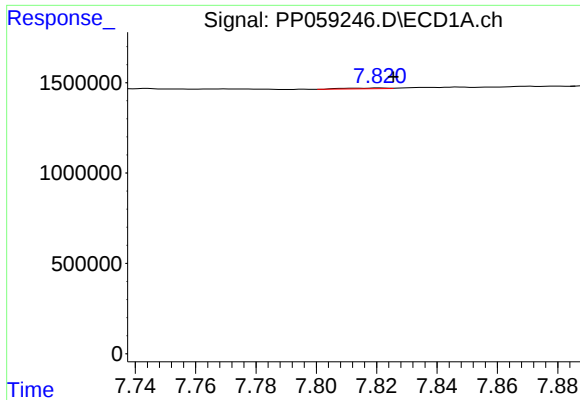
#32 AR-1260-2

R.T.: 7.472 min
Delta R.T.: 0.008 min
Response: 65952
Conc: 1.11 ng/ml



#32 AR-1260-2

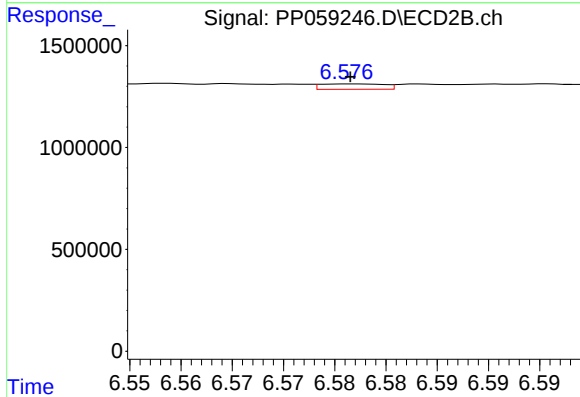
R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 61501
Conc: 0.53 ng/ml



#33 AR-1260-3

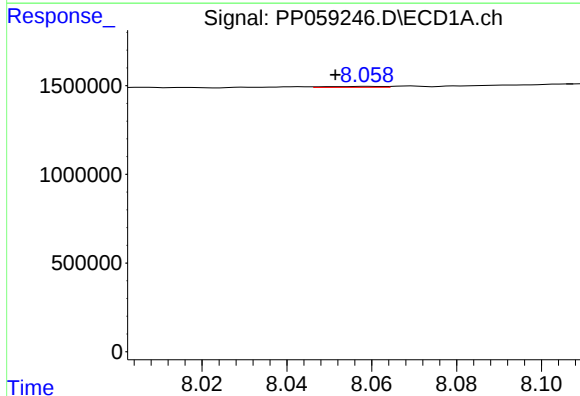
R.T.: 7.821 min
Delta R.T.: -0.005 min
Response: 42316
Conc: 1.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



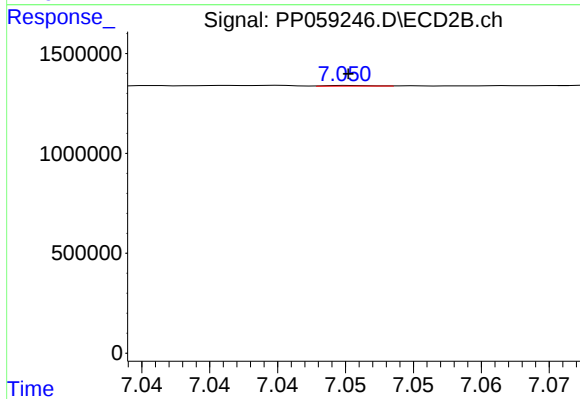
#33 AR-1260-3

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 114735
Conc: 1.03 ng/ml



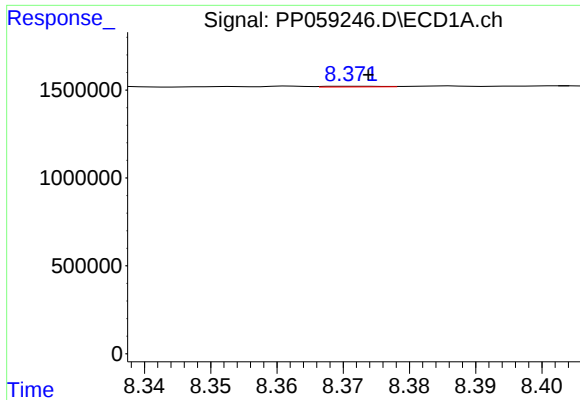
#34 AR-1260-4

R.T.: 8.059 min
Delta R.T.: 0.008 min
Response: 48671
Conc: 1.10 ng/ml



#34 AR-1260-4

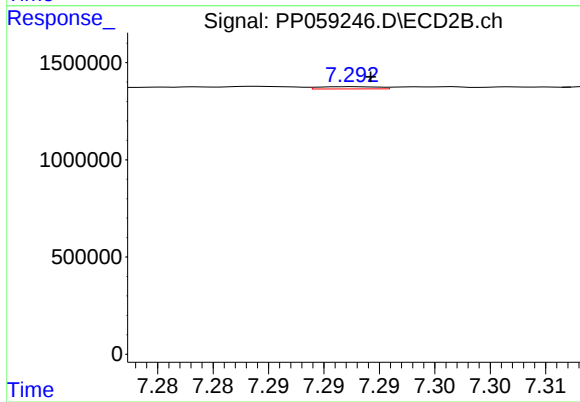
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 6275
Conc: 0.07 ng/ml



#35 AR-1260-5

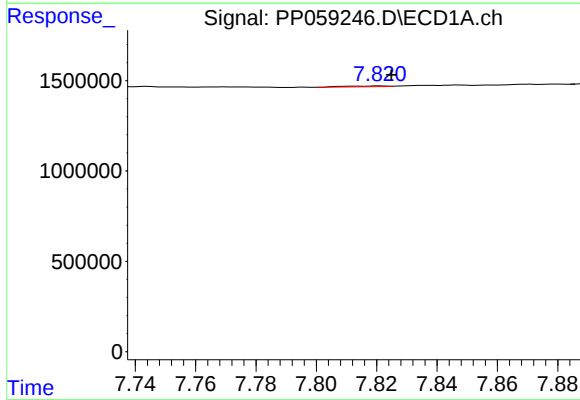
R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 23222
Conc: 0.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



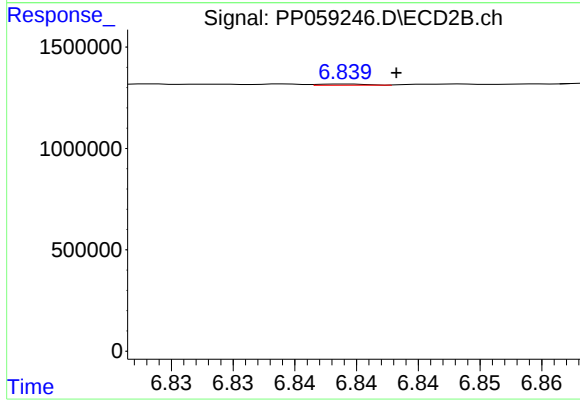
#35 AR-1260-5

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 43050
Conc: 0.23 ng/ml



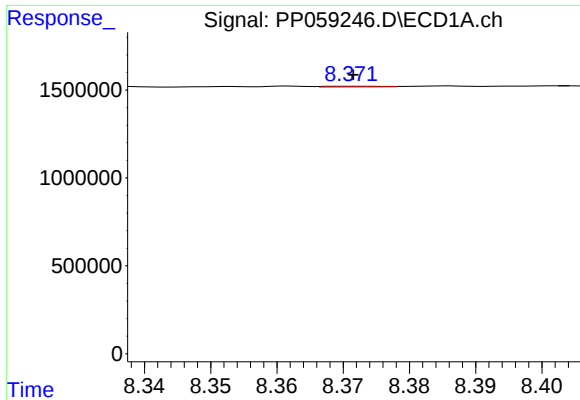
#36 AR-1262-1

R.T.: 7.821 min
Delta R.T.: -0.004 min
Response: 42316
Conc: 0.66 ng/ml



#36 AR-1262-1

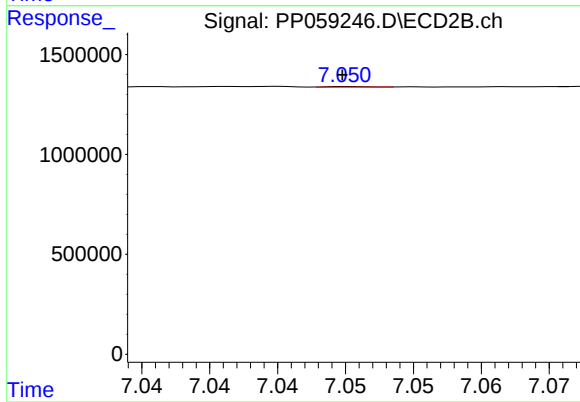
R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 14892
Conc: 0.26 ng/ml



#37 AR-1262-2

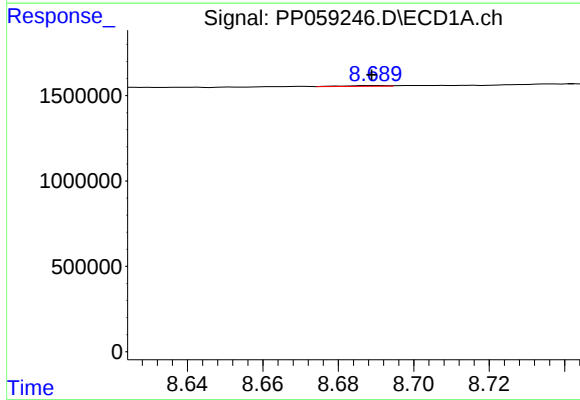
R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 23222
Conc: 0.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



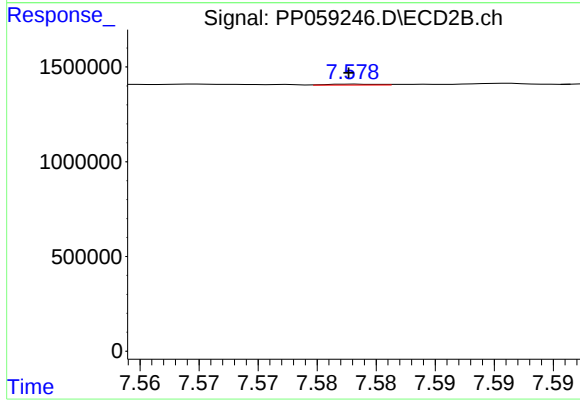
#37 AR-1262-2

R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 6275
Conc: 0.05 ng/ml



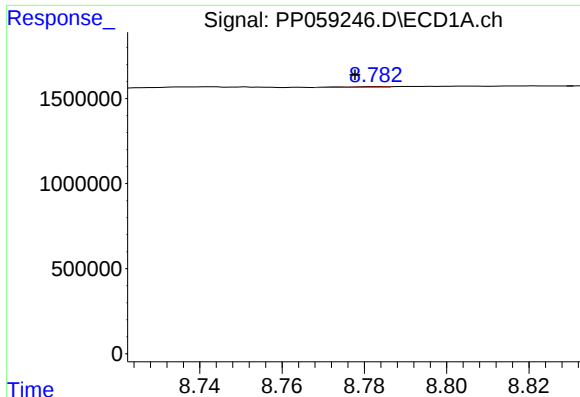
#38 AR-1262-3

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 33050
Conc: 0.51 ng/ml



#38 AR-1262-3

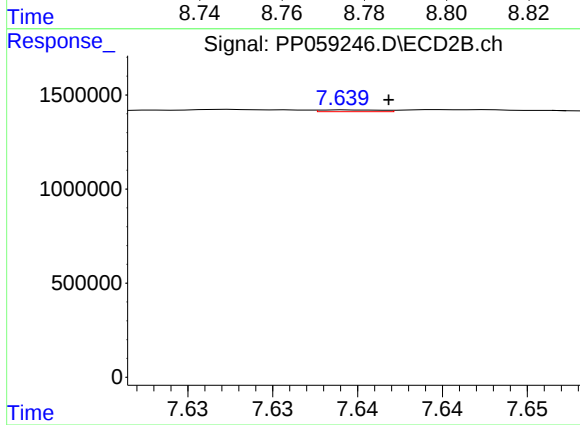
R.T.: 7.578 min
Delta R.T.: 0.000 min
Response: 14227
Conc: 0.17 ng/ml



#39 AR-1262-4

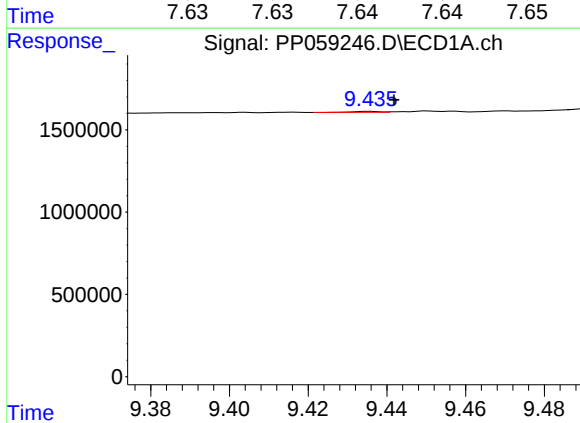
R.T.: 8.783 min
Delta R.T.: 0.005 min
Response: 26639
Conc: 0.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



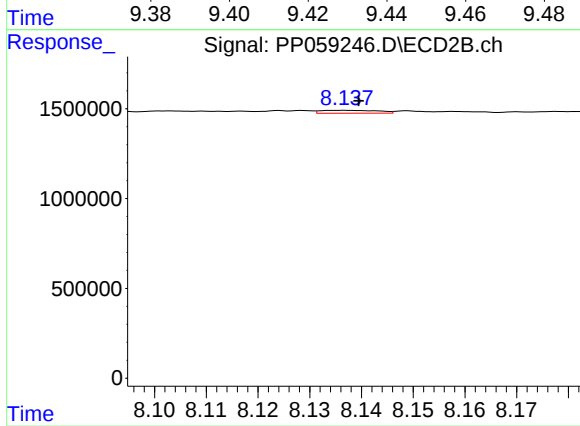
#39 AR-1262-4

R.T.: 7.639 min
Delta R.T.: -0.002 min
Response: 23851
Conc: 0.16 ng/ml



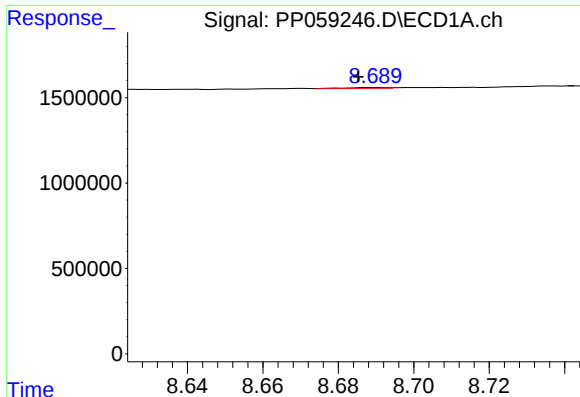
#40 AR-1262-5

R.T.: 9.436 min
Delta R.T.: -0.006 min
Response: 26477
Conc: 0.89 ng/ml



#40 AR-1262-5

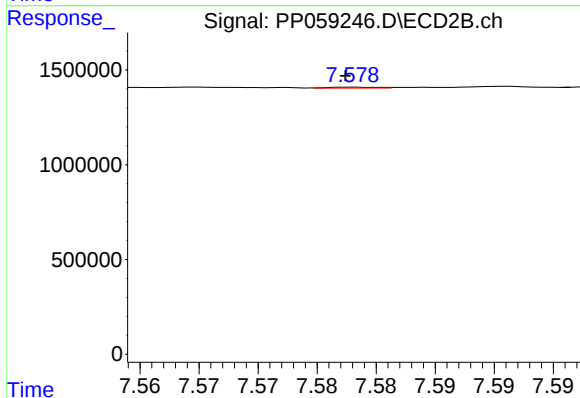
R.T.: 8.137 min
Delta R.T.: -0.002 min
Response: 121205
Conc: 1.90 ng/ml



#41 AR-1268-1

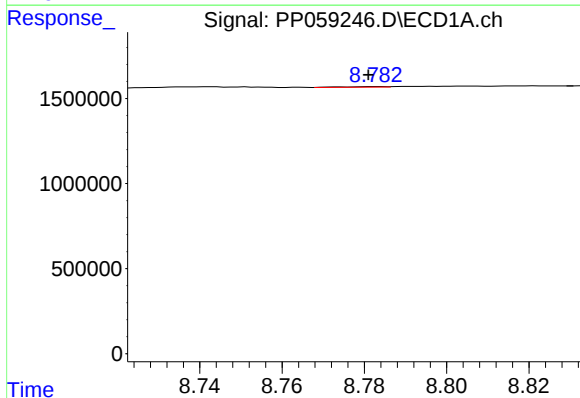
R.T.: 8.690 min
Delta R.T.: 0.004 min
Response: 33050
Conc: 0.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



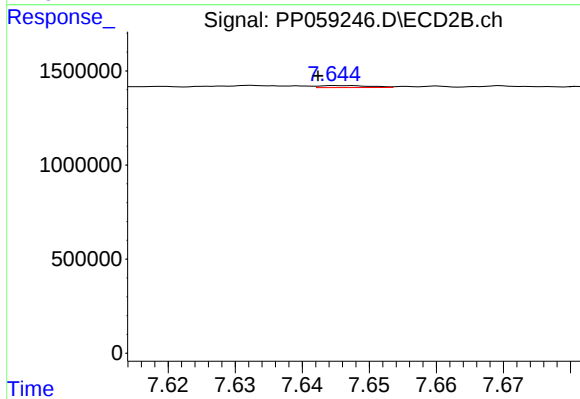
#41 AR-1268-1

R.T.: 7.578 min
Delta R.T.: 0.000 min
Response: 14227
Conc: 0.06 ng/ml



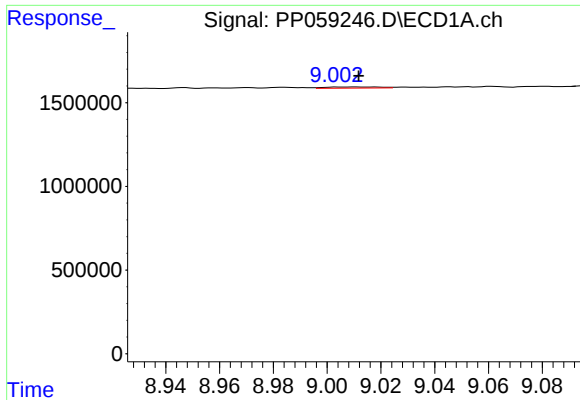
#42 AR-1268-2

R.T.: 8.783 min
Delta R.T.: 0.002 min
Response: 26639
Conc: 0.27 ng/ml



#42 AR-1268-2

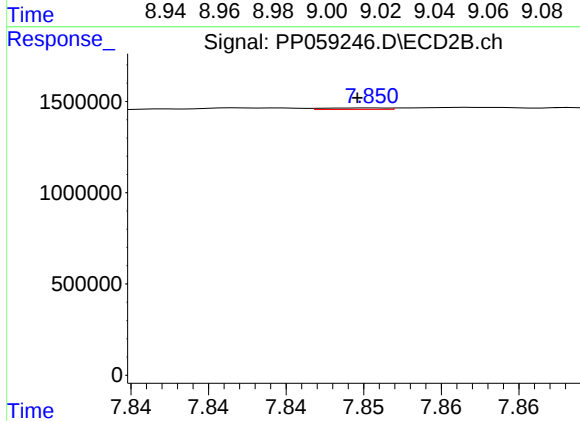
R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 53563
Conc: 0.24 ng/ml



#43 AR-1268-3

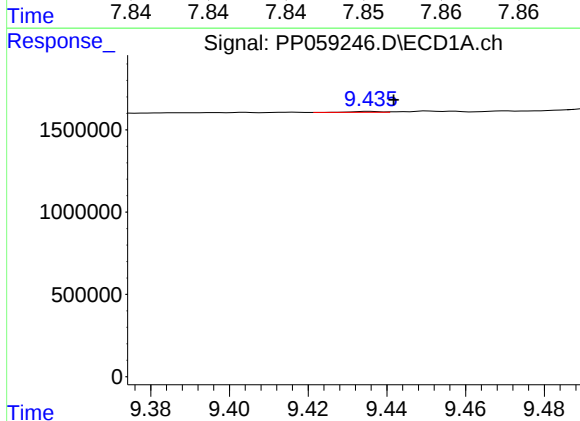
R.T.: 9.004 min
Delta R.T.: -0.008 min
Response: 93716
Conc: 1.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



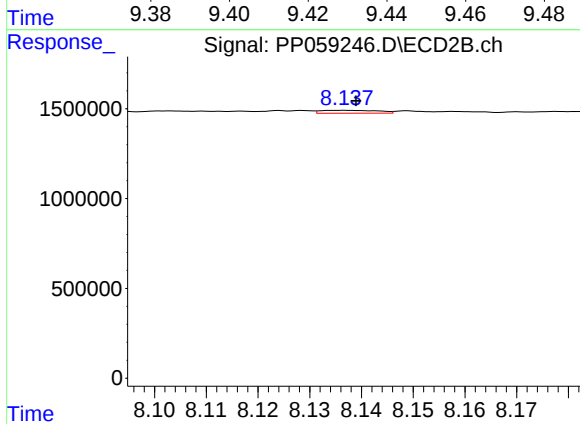
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: 0.001 min
Response: 23564
Conc: 0.12 ng/ml



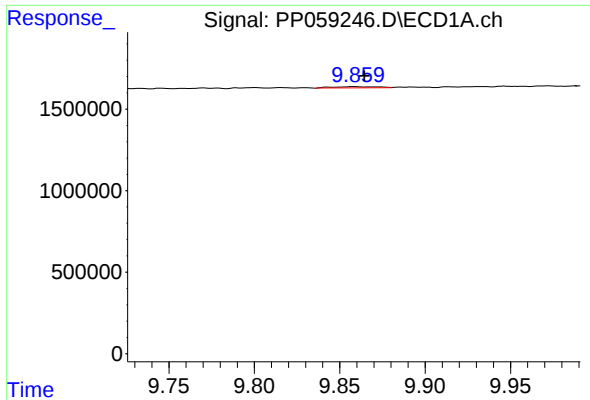
#44 AR-1268-4

R.T.: 9.436 min
Delta R.T.: -0.006 min
Response: 26477
Conc: 0.83 ng/ml



#44 AR-1268-4

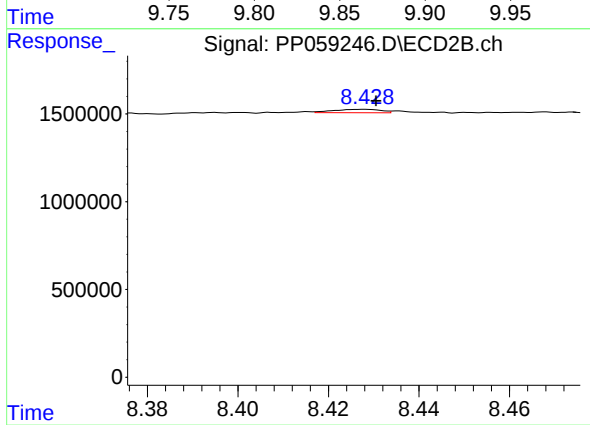
R.T.: 8.137 min
Delta R.T.: -0.002 min
Response: 121205
Conc: 1.74 ng/ml



#45 AR-1268-5

R.T.: 9.859 min
Delta R.T.: -0.006 min
Response: 137073
Conc: 0.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: -0.002 min
Response: 141907
Conc: 0.27 ng/ml