

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081823\
 Data File : PP059424.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2023 18:54
 Operator : YP\AJ
 Sample : 04086-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 00:33:01 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...	4.413	3.643	20024729	34372936	16.320	16.965
2)	SA Decachlor...	10.203	8.676	12134397	19668537	15.899	13.981
Target Compounds							
3)	L1 AR-1016-1	5.598	4.743	41758	104580	1.063	1.631 #
4)	L1 AR-1016-2	5.613	4.761	107492	72169	1.896	0.794 #
5)	L1 AR-1016-3	5.668	4.936	129745	452011	3.617	9.408 #
6)	L1 AR-1016-4	5.804f	4.983	17438	80082	0.602	1.939 #
7)	L1 AR-1016-5	6.070	5.199	18499	9266	0.611	0.178 #
8)	L2 AR-1221-1	4.622	3.868	675403	578941	42.872	21.327 #
9)	L2 AR-1221-2	4.720	3.954	290769	387367	24.623	19.456
10)	L2 AR-1221-3	0.000	4.029	0	203433	N.D.	3.417 #
11)	L3 AR-1232-1	0.000	4.029	0	203433	N.D.	4.287 #
12)	L3 AR-1232-2	5.336	4.761	142886	72169	9.167	1.701 #
13)	L3 AR-1232-3	5.613	4.936	107492	452011	4.071	20.372 #
14)	L3 AR-1232-4	5.804f	5.023	17438	56786	1.318	2.689 #
15)	L3 AR-1232-5	5.875	5.199	40830	9266	3.577	0.404 #
16)	L4 AR-1242-1	5.598	4.743	41758	104580	1.220	1.869 #
17)	L4 AR-1242-2	5.613	4.761	107492	72169	2.191	0.905 #
18)	L4 AR-1242-3	5.668	4.936	129745	452011	4.130	10.606 #
19)	L4 AR-1242-4	5.804f	5.023	17438	56786	0.680	1.300 #
20)	L4 AR-1242-5	6.515	5.545	49056	130976	1.899	2.637 #
21)	L5 AR-1248-1	5.598	4.743	41758	104580	1.645	2.542 #
22)	L5 AR-1248-2	5.875	4.983	40830	80082	1.055	1.330 #
23)	L5 AR-1248-3	6.070	5.023	18499	56786	0.438	0.922 #
24)	L5 AR-1248-4	6.486	5.199	507994	9266	12.201	0.129 #
25)	L5 AR-1248-5	6.515	5.587	49056	48598	1.203	0.736 #
26)	L6 AR-1254-1	6.444	5.545	398554	130976	8.532	1.293 #
27)	L6 AR-1254-2	6.669	5.696	229038	47303	3.329	0.536 #
28)	L6 AR-1254-3	7.042	6.095	464283	104446	6.727	0.756 #
29)	L6 AR-1254-4	7.324	6.322	11383	24262	0.253	0.302
30)	L6 AR-1254-5	7.739	6.742	143950	1069242	3.064	8.941 #
31)	L7 AR-1260-1	7.202	6.235	222523	59406	4.067	0.600 #
32)	L7 AR-1260-2	7.451	6.415	874319	456152	14.685	3.942 #
33)	L7 AR-1260-3	7.830	6.579	31706	150691	0.806	1.355 #
34)	L7 AR-1260-4	8.053	7.060	97629	17324	2.198	0.200 #
35)	L7 AR-1260-5	8.370	7.286	165535	257830	2.070	1.399 #
36)	L8 AR-1262-1	7.820	6.845	71189	21177	1.118	0.368 #
37)	L8 AR-1262-2	8.370	7.060	165535	17324	1.803	0.147 #
38)	L8 AR-1262-3	8.692	7.577	66431	19526	1.032	0.229 #
39)	L8 AR-1262-4	8.773	7.647	207774	20239	6.257	0.134 #
40)	L8 AR-1262-5	9.446	8.133	9766	87419	0.327	1.371 #
41)	L9 AR-1268-1	8.692	7.577	66431	19526	0.585	0.080 #

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 Acq On : 18 Aug 2023 18:54
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 Sample : 04086-10
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 ALS Vial : 16 Sample Multiplier: 1

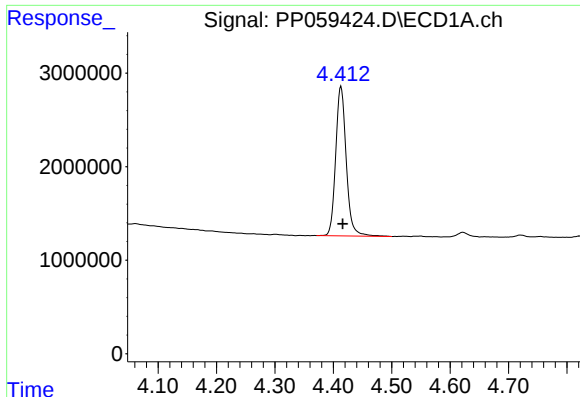
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 00:33:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.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	8.773	7.647	207774	20239	2.111	0.092 #
43) L9	AR-1268-3	9.013	7.853	73155	5936	0.789	0.030 #
44) L9	AR-1268-4	9.446	8.133	9766	87419	0.306	1.256 #
45) L9	AR-1268-5	9.861	8.425	109570	79361	0.404	0.153 #

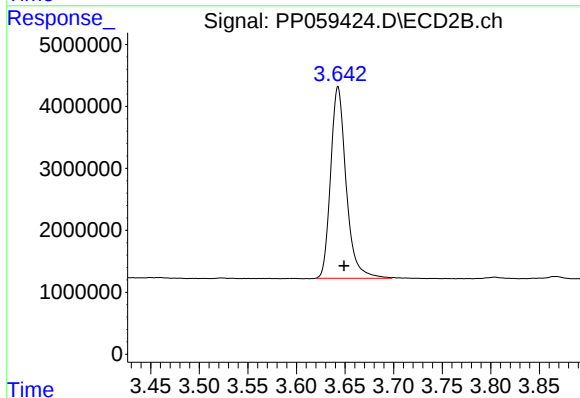
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

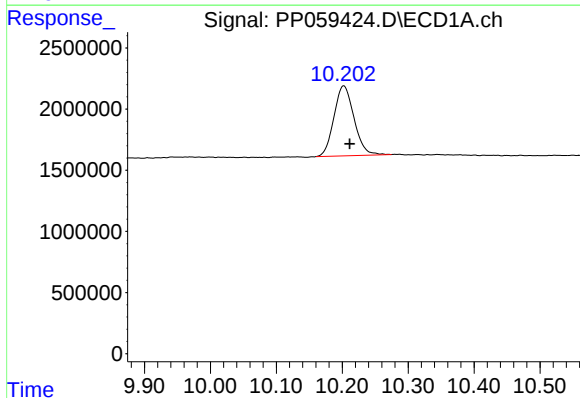
R.T.: 4.413 min
Delta R.T.: -0.003 min
Response: 20024729
Conc: 16.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



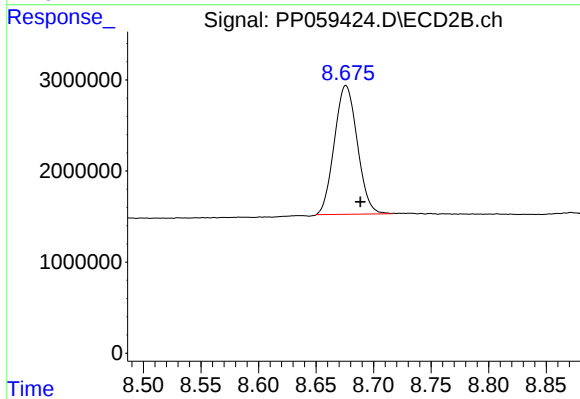
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.006 min
Response: 34372936
Conc: 16.96 ng/ml



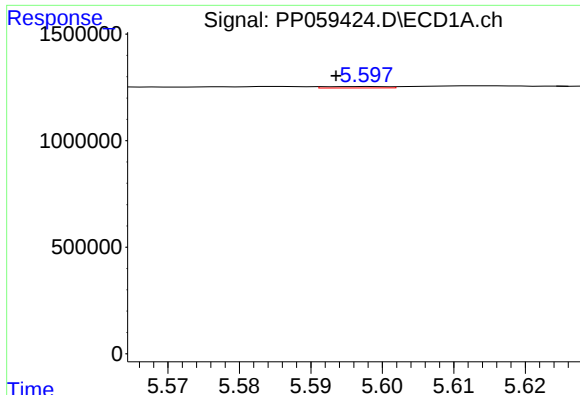
#2 Decachlorobiphenyl

R.T.: 10.203 min
Delta R.T.: -0.009 min
Response: 12134397
Conc: 15.90 ng/ml



#2 Decachlorobiphenyl

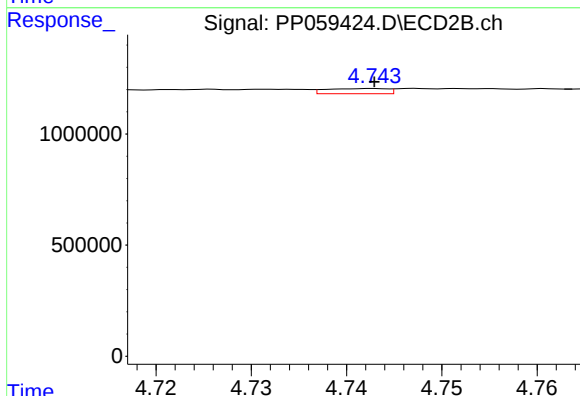
R.T.: 8.676 min
Delta R.T.: -0.013 min
Response: 19668537
Conc: 13.98 ng/ml



#3 AR-1016-1

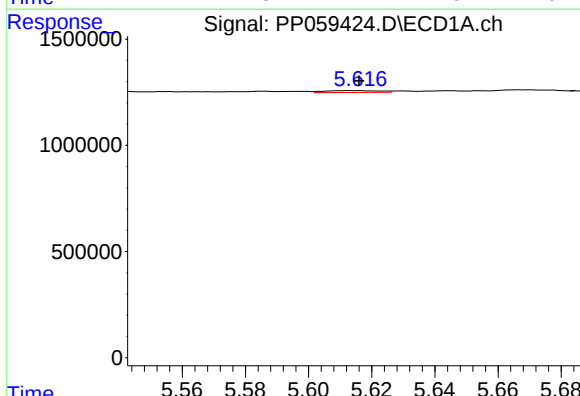
R.T.: 5.598 min
Delta R.T.: 0.004 min
Response: 41758
Conc: 1.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



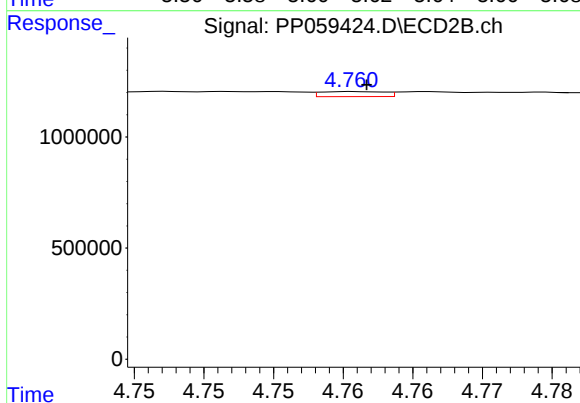
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 104580
Conc: 1.63 ng/ml



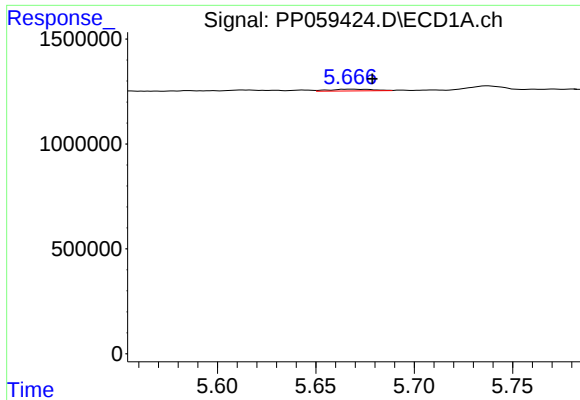
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 107492
Conc: 1.90 ng/ml



#4 AR-1016-2

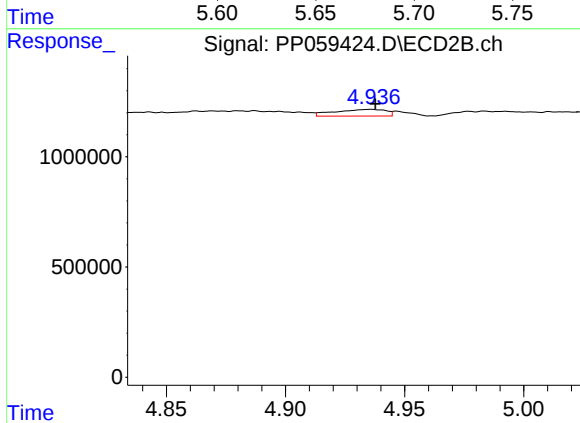
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 72169
Conc: 0.79 ng/ml



#5 AR-1016-3

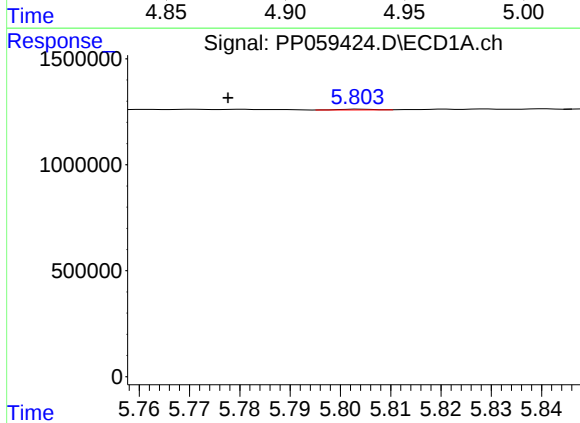
R.T.: 5.668 min
Delta R.T.: -0.011 min
Response: 129745
Conc: 3.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



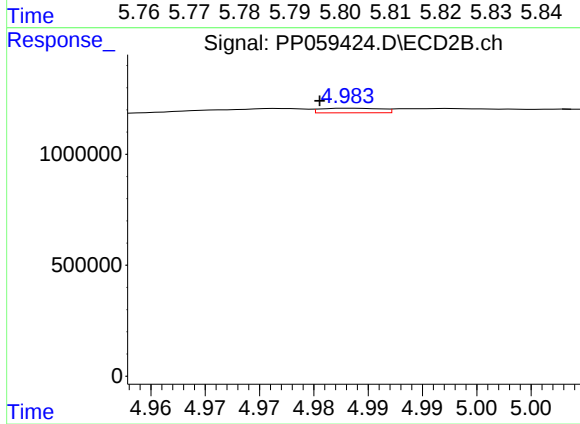
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 452011
Conc: 9.41 ng/ml



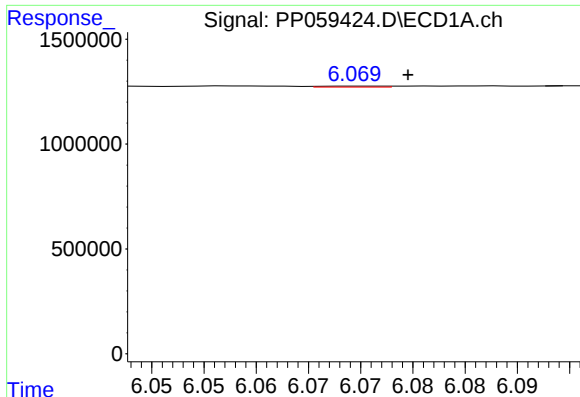
#6 AR-1016-4

R.T.: 5.804 min
Delta R.T.: 0.026 min
Response: 17438
Conc: 0.60 ng/ml



#6 AR-1016-4

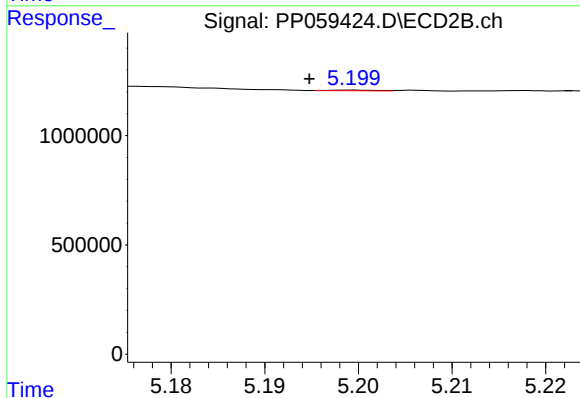
R.T.: 4.983 min
Delta R.T.: 0.003 min
Response: 80082
Conc: 1.94 ng/ml



#7 AR-1016-5

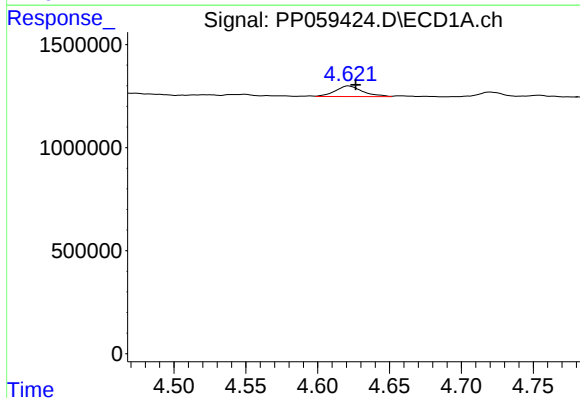
R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 18499
Conc: 0.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



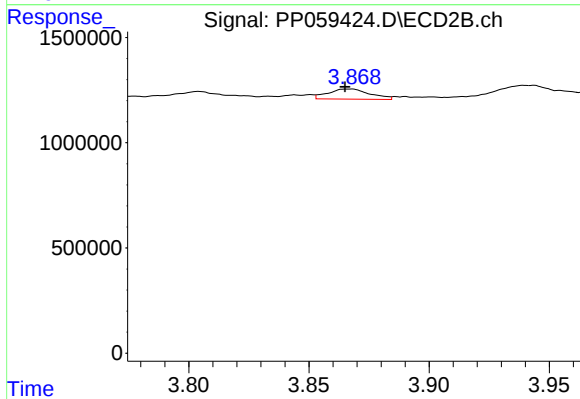
#7 AR-1016-5

R.T.: 5.199 min
Delta R.T.: 0.005 min
Response: 9266
Conc: 0.18 ng/ml



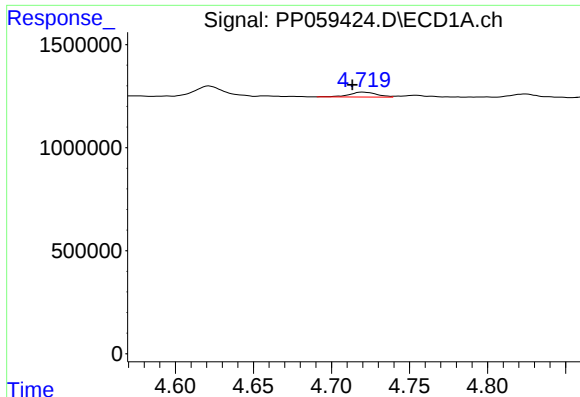
#8 AR-1221-1

R.T.: 4.622 min
Delta R.T.: -0.005 min
Response: 675403
Conc: 42.87 ng/ml



#8 AR-1221-1

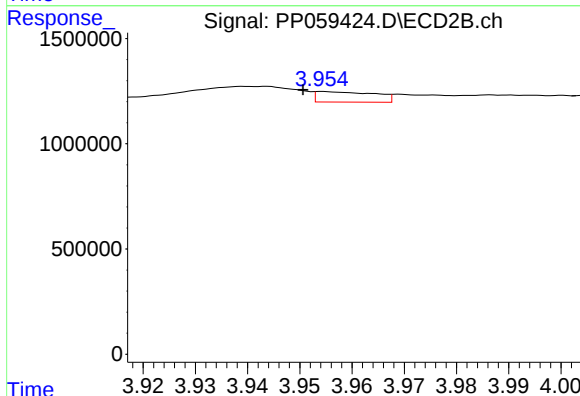
R.T.: 3.868 min
Delta R.T.: 0.003 min
Response: 578941
Conc: 21.33 ng/ml



#9 AR-1221-2

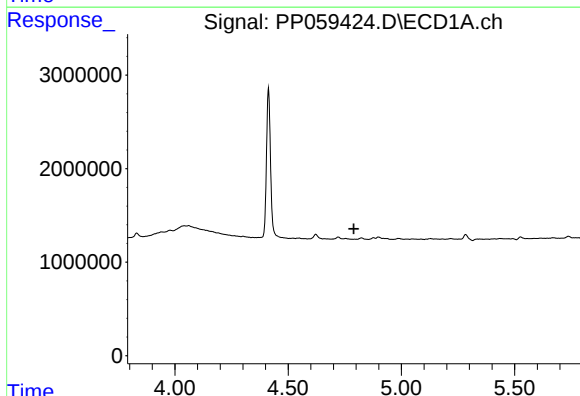
R.T.: 4.720 min
Delta R.T.: 0.006 min
Response: 290769
Conc: 24.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



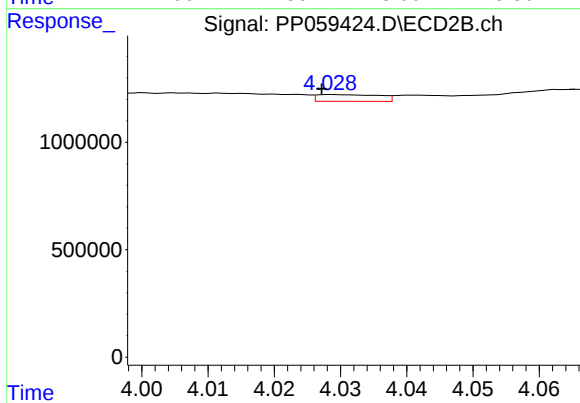
#9 AR-1221-2

R.T.: 3.954 min
Delta R.T.: 0.004 min
Response: 387367
Conc: 19.46 ng/ml



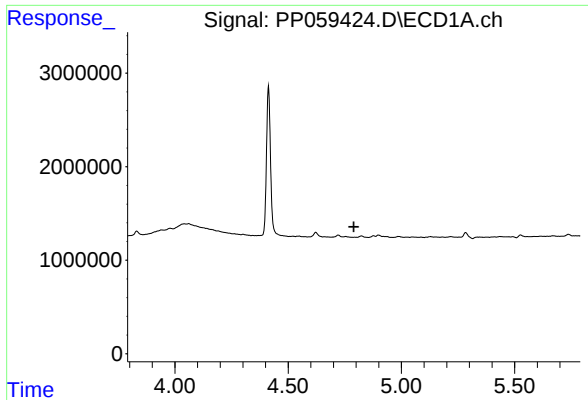
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.790 min
Response: 0
Conc: N.D.



#10 AR-1221-3

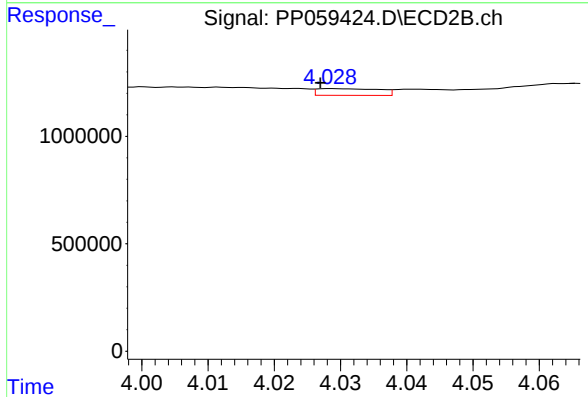
R.T.: 4.029 min
Delta R.T.: 0.001 min
Response: 203433
Conc: 3.42 ng/ml



#11 AR-1232-1

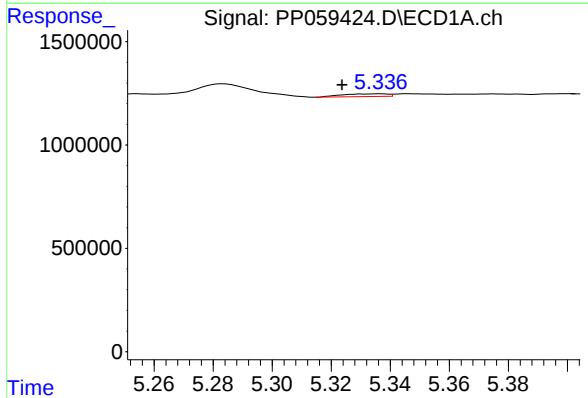
R.T.: 0.000 min
Exp R.T.: 4.790 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



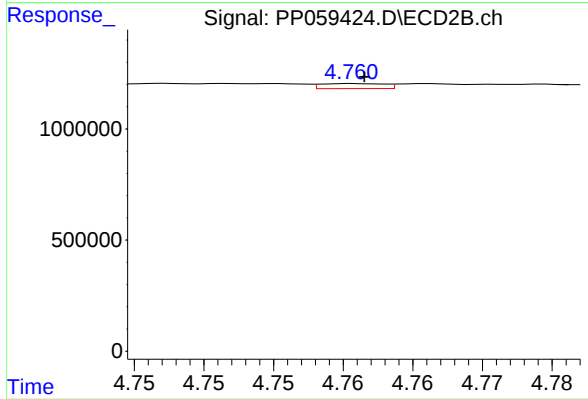
#11 AR-1232-1

R.T.: 4.029 min
Delta R.T.: 0.002 min
Response: 203433
Conc: 4.29 ng/ml



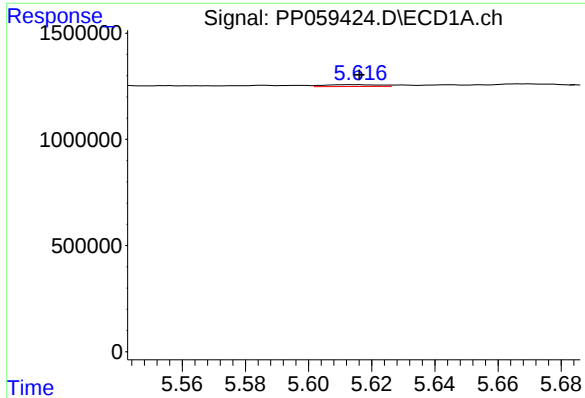
#12 AR-1232-2

R.T.: 5.336 min
Delta R.T.: 0.013 min
Response: 142886
Conc: 9.17 ng/ml



#12 AR-1232-2

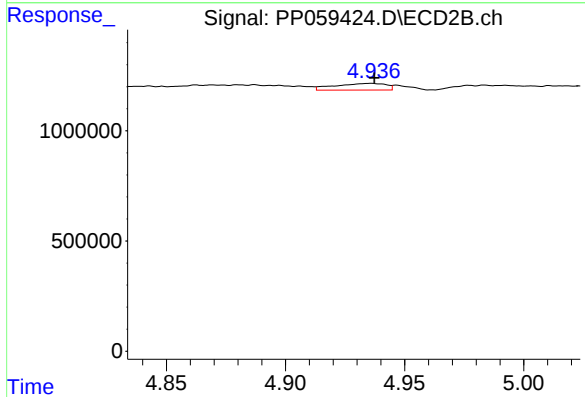
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 72169
Conc: 1.70 ng/ml



#13 AR-1232-3

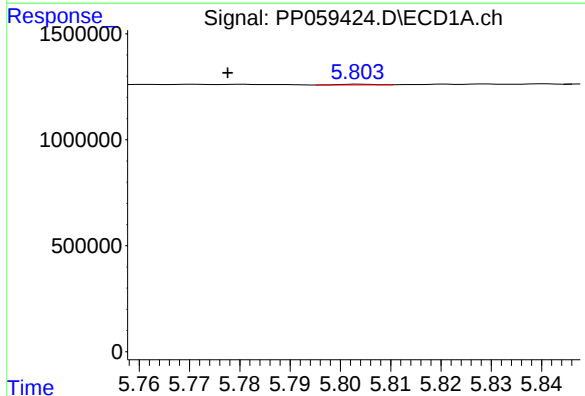
R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 107492
Conc: 4.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



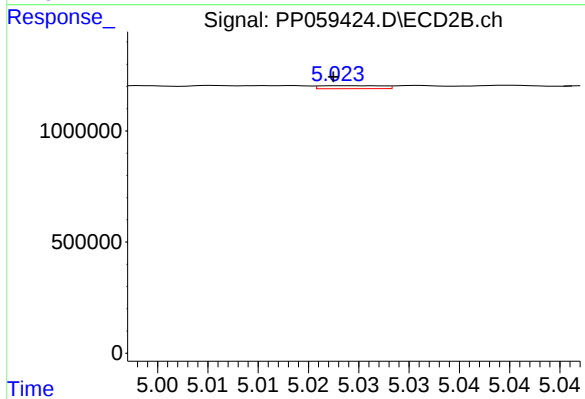
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: -0.001 min
Response: 452011
Conc: 20.37 ng/ml



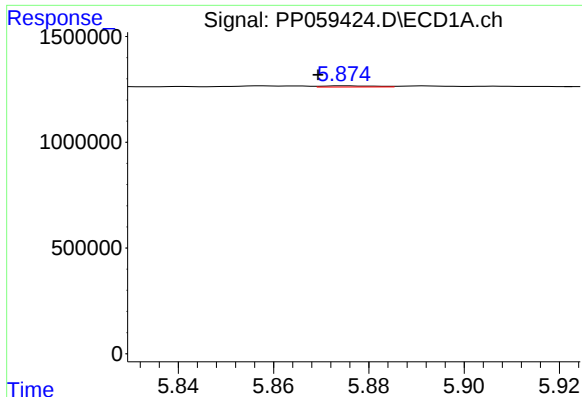
#14 AR-1232-4

R.T.: 5.804 min
Delta R.T.: 0.026 min
Response: 17438
Conc: 1.32 ng/ml



#14 AR-1232-4

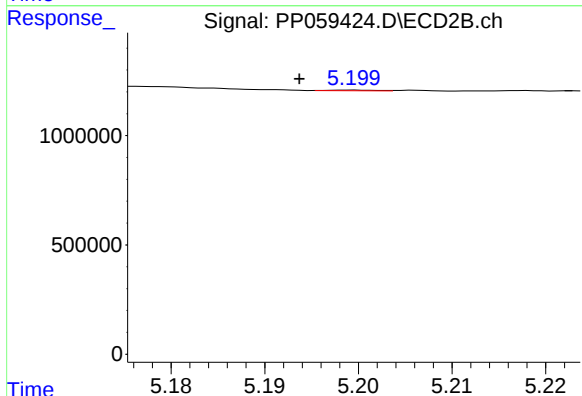
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 56786
Conc: 2.69 ng/ml



#15 AR-1232-5

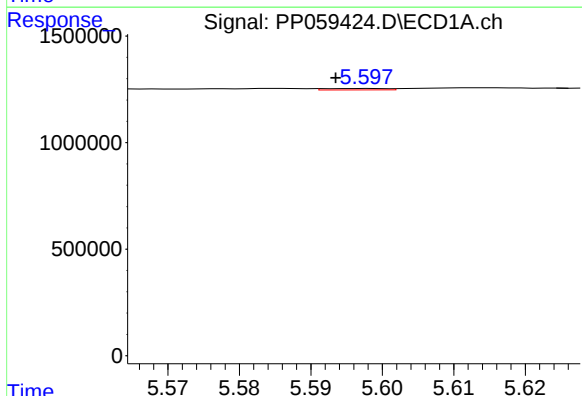
R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 40830
Conc: 3.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



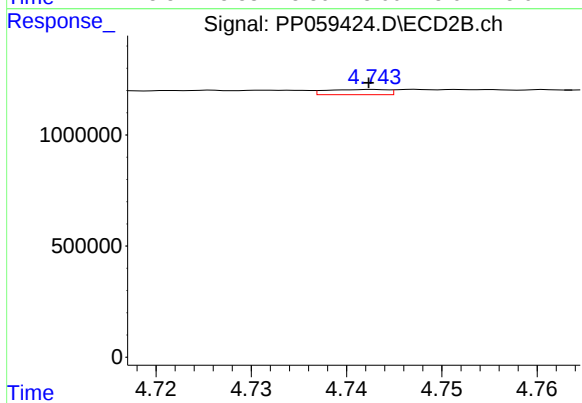
#15 AR-1232-5

R.T.: 5.199 min
Delta R.T.: 0.006 min
Response: 9266
Conc: 0.40 ng/ml



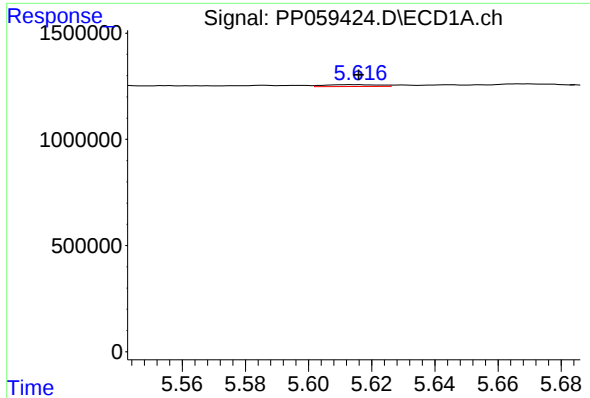
#16 AR-1242-1

R.T.: 5.598 min
Delta R.T.: 0.004 min
Response: 41758
Conc: 1.22 ng/ml



#16 AR-1242-1

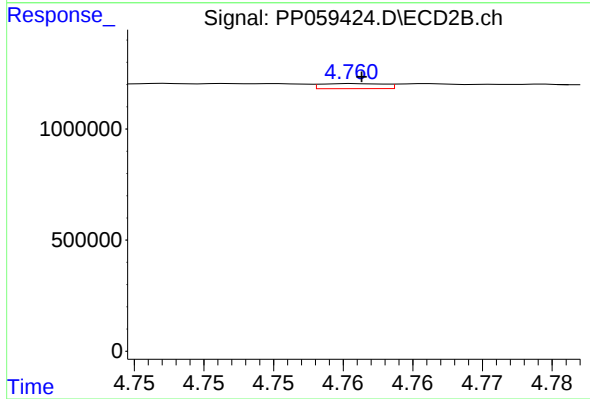
R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 104580
Conc: 1.87 ng/ml



#17 AR-1242-2

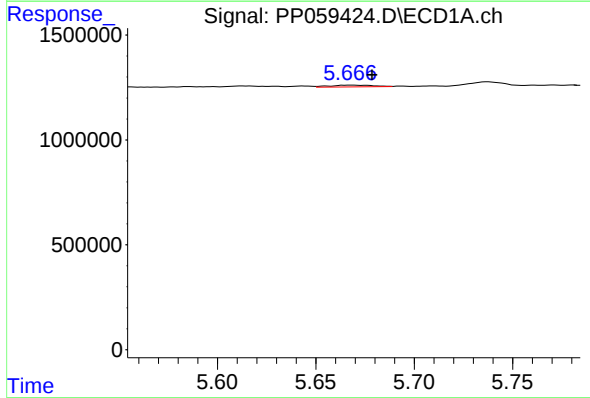
R.T.: 5.613 min
Delta R.T.: -0.002 min
Response: 107492
Conc: 2.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



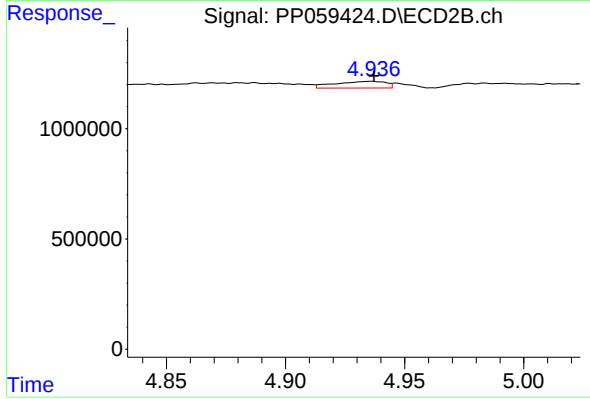
#17 AR-1242-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 72169
Conc: 0.91 ng/ml



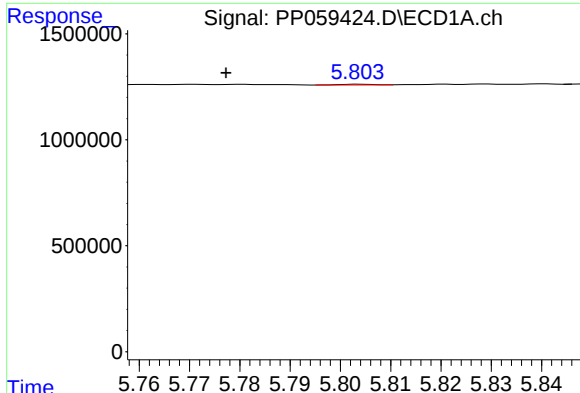
#18 AR-1242-3

R.T.: 5.668 min
Delta R.T.: -0.011 min
Response: 129745
Conc: 4.13 ng/ml



#18 AR-1242-3

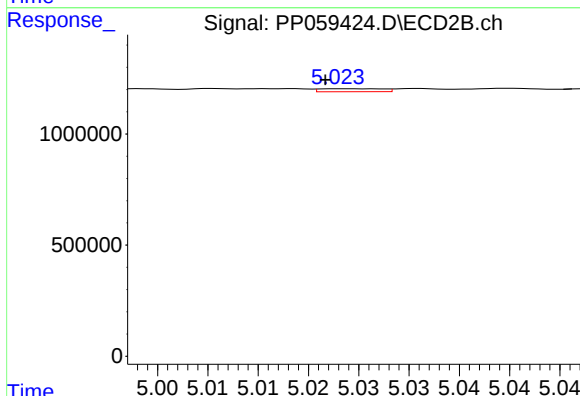
R.T.: 4.936 min
Delta R.T.: -0.001 min
Response: 452011
Conc: 10.61 ng/ml



#19 AR-1242-4

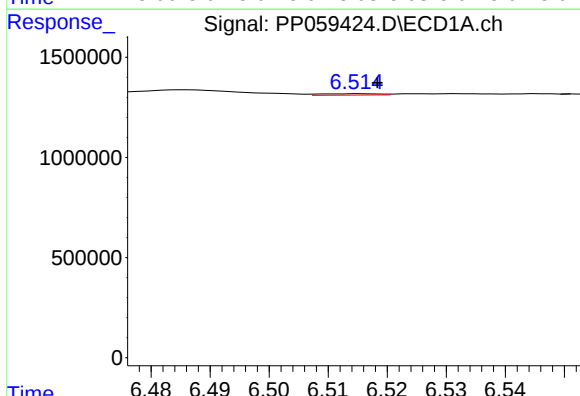
R.T.: 5.804 min
Delta R.T.: 0.026 min
Response: 17438
Conc: 0.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



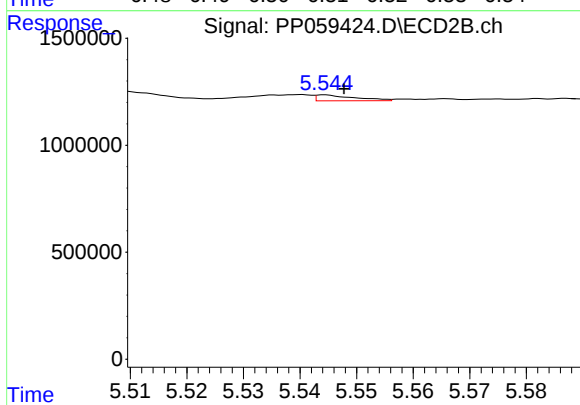
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 56786
Conc: 1.30 ng/ml



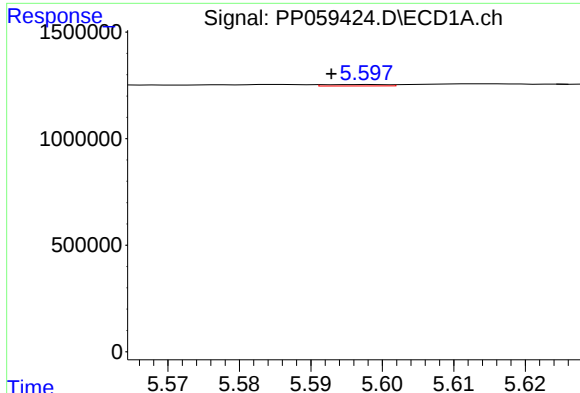
#20 AR-1242-5

R.T.: 6.515 min
Delta R.T.: -0.003 min
Response: 49056
Conc: 1.90 ng/ml



#20 AR-1242-5

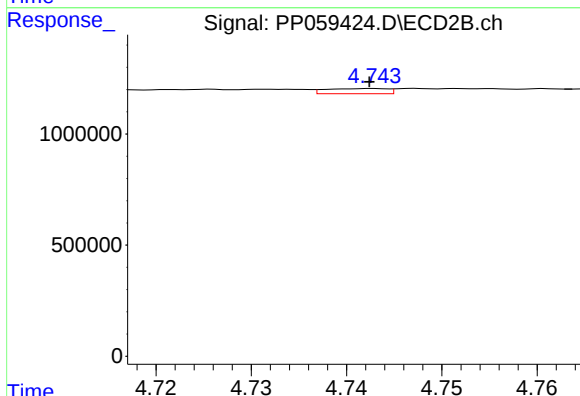
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 130976
Conc: 2.64 ng/ml



#21 AR-1248-1

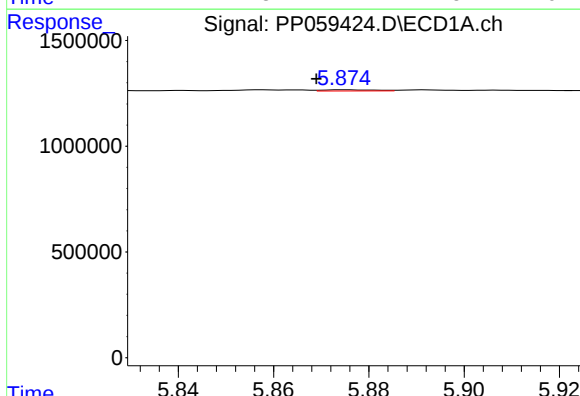
R.T.: 5.598 min
Delta R.T.: 0.005 min
Response: 41758
Conc: 1.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



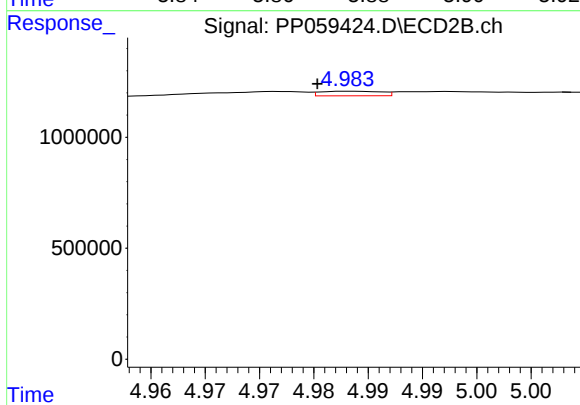
#21 AR-1248-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 104580
Conc: 2.54 ng/ml



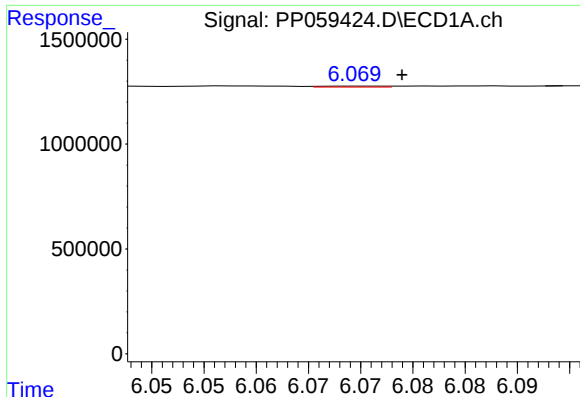
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.006 min
Response: 40830
Conc: 1.05 ng/ml



#22 AR-1248-2

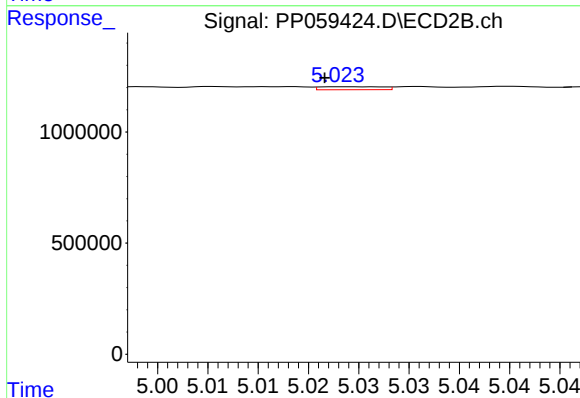
R.T.: 4.983 min
Delta R.T.: 0.003 min
Response: 80082
Conc: 1.33 ng/ml



#23 AR-1248-3

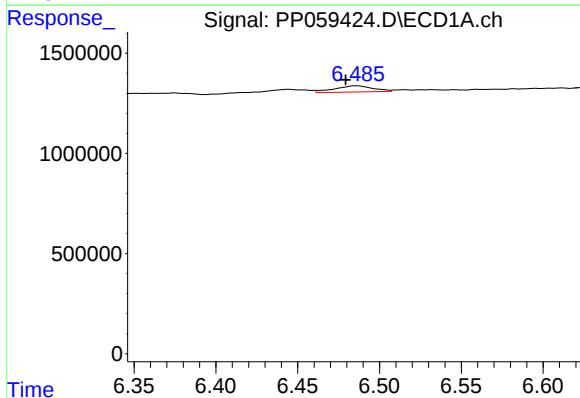
R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 18499
Conc: 0.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



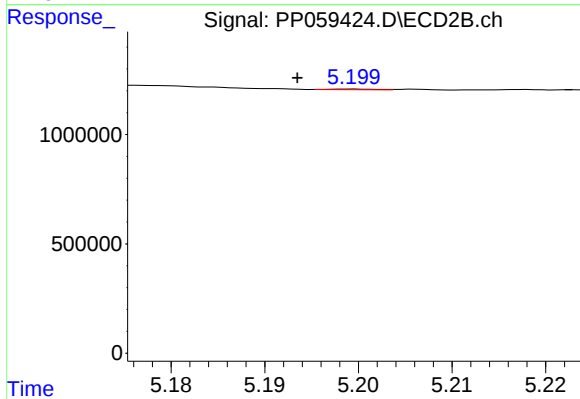
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 56786
Conc: 0.92 ng/ml



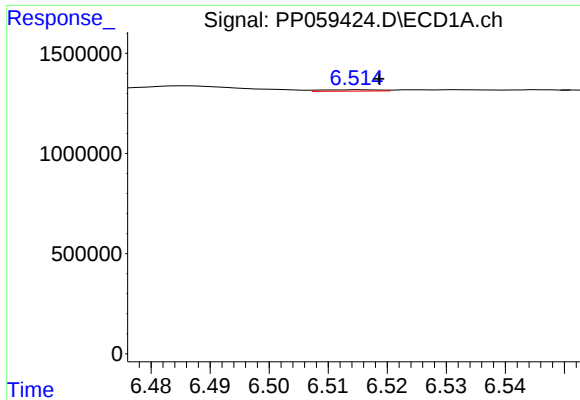
#24 AR-1248-4

R.T.: 6.486 min
Delta R.T.: 0.006 min
Response: 507994
Conc: 12.20 ng/ml



#24 AR-1248-4

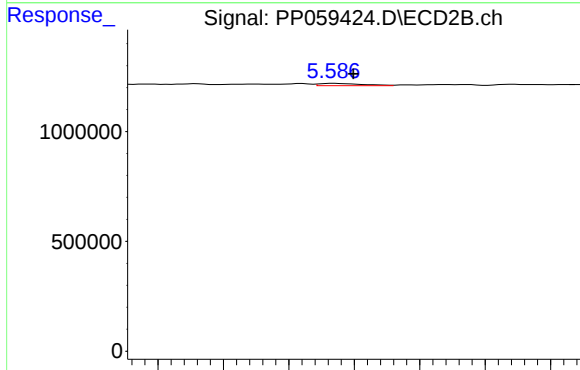
R.T.: 5.199 min
Delta R.T.: 0.006 min
Response: 9266
Conc: 0.13 ng/ml



#25 AR-1248-5

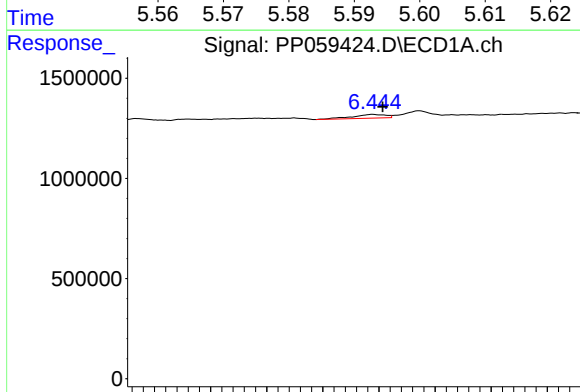
R.T.: 6.515 min
Delta R.T.: -0.003 min
Response: 49056
Conc: 1.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



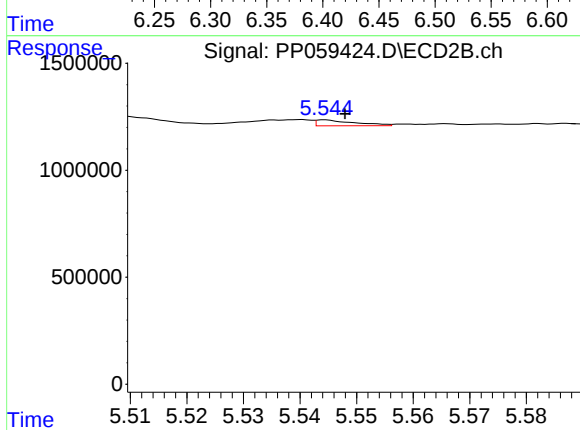
#25 AR-1248-5

R.T.: 5.587 min
Delta R.T.: -0.003 min
Response: 48598
Conc: 0.74 ng/ml



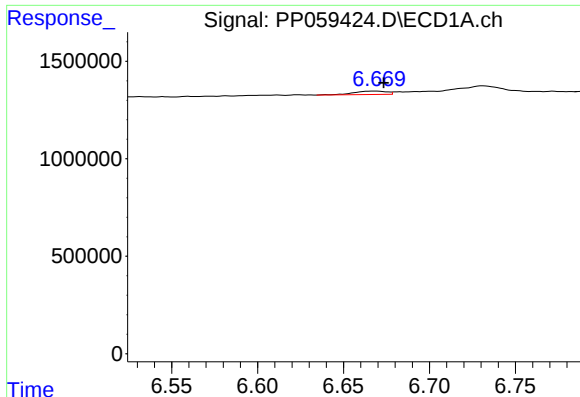
#26 AR-1254-1

R.T.: 6.444 min
Delta R.T.: -0.009 min
Response: 398554
Conc: 8.53 ng/ml



#26 AR-1254-1

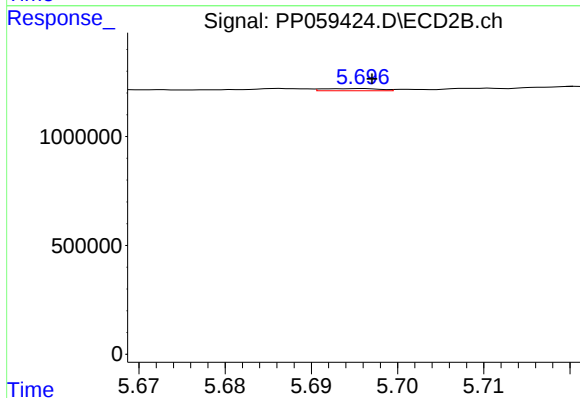
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 130976
Conc: 1.29 ng/ml



#27 AR-1254-2

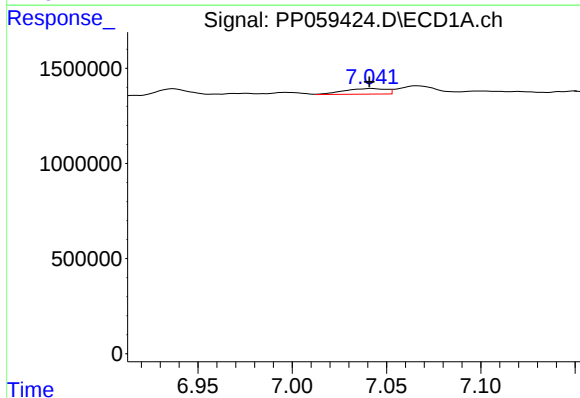
R.T.: 6.669 min
Delta R.T.: -0.004 min
Response: 229038
Conc: 3.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



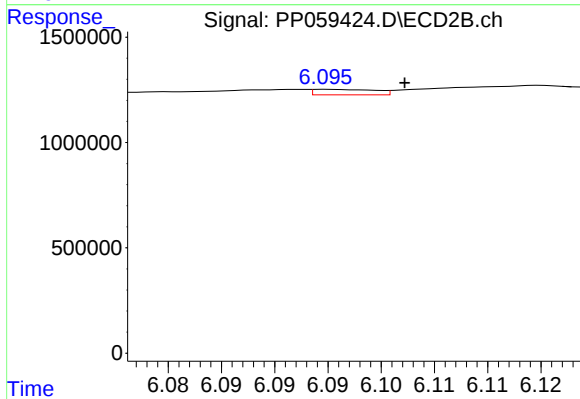
#27 AR-1254-2

R.T.: 5.696 min
Delta R.T.: -0.001 min
Response: 47303
Conc: 0.54 ng/ml



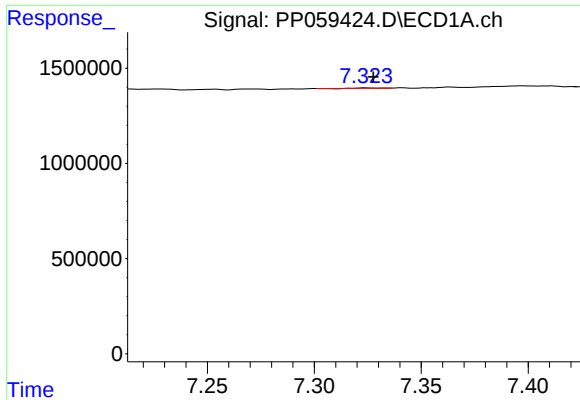
#28 AR-1254-3

R.T.: 7.042 min
Delta R.T.: 0.001 min
Response: 464283
Conc: 6.73 ng/ml



#28 AR-1254-3

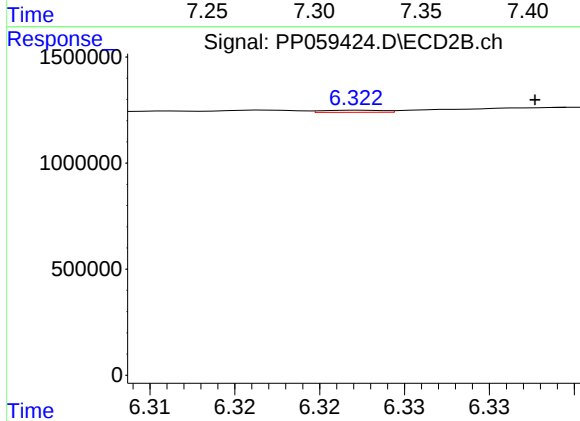
R.T.: 6.095 min
Delta R.T.: -0.007 min
Response: 104446
Conc: 0.76 ng/ml



#29 AR-1254-4

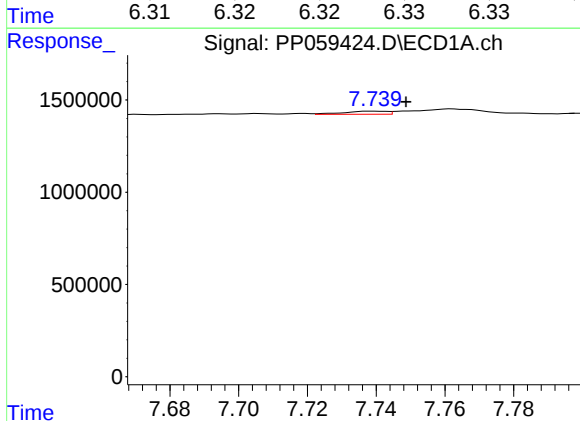
R.T.: 7.324 min
Delta R.T.: -0.004 min
Response: 11383
Conc: 0.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



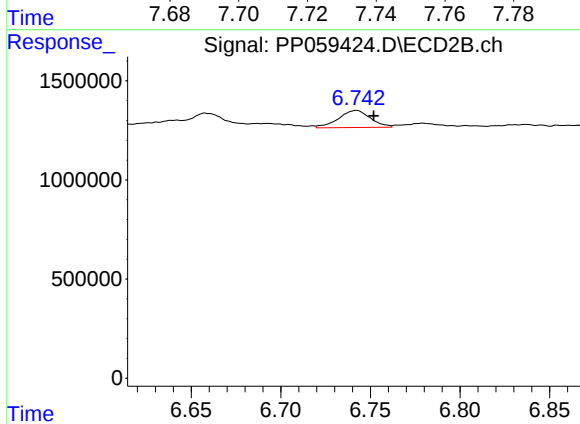
#29 AR-1254-4

R.T.: 6.322 min
Delta R.T.: -0.010 min
Response: 24262
Conc: 0.30 ng/ml



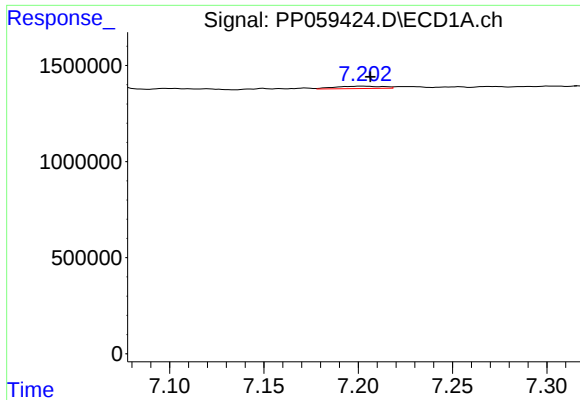
#30 AR-1254-5

R.T.: 7.739 min
Delta R.T.: -0.009 min
Response: 143950
Conc: 3.06 ng/ml



#30 AR-1254-5

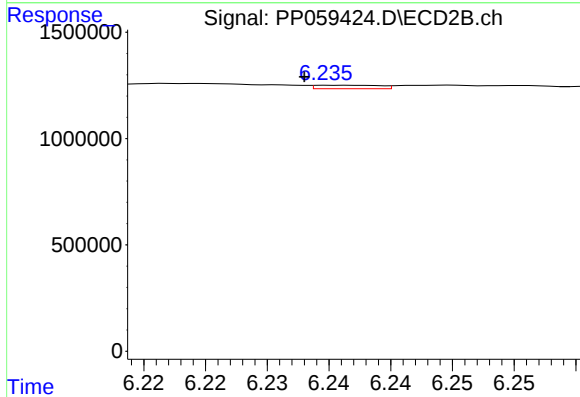
R.T.: 6.742 min
Delta R.T.: -0.010 min
Response: 1069242
Conc: 8.94 ng/ml



#31 AR-1260-1

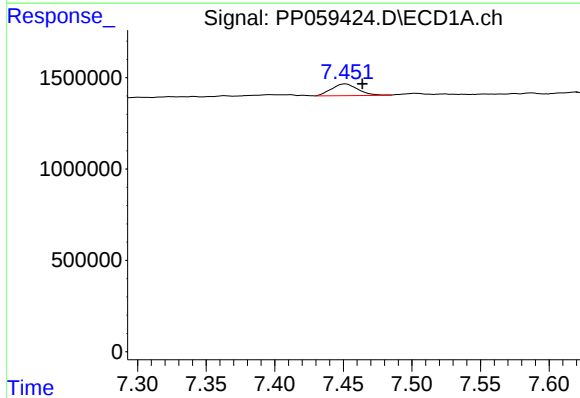
R.T.: 7.202 min
Delta R.T.: -0.004 min
Response: 222523
Conc: 4.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



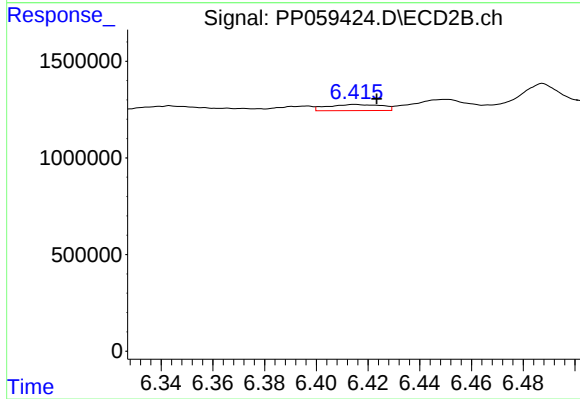
#31 AR-1260-1

R.T.: 6.235 min
Delta R.T.: 0.002 min
Response: 59406
Conc: 0.60 ng/ml



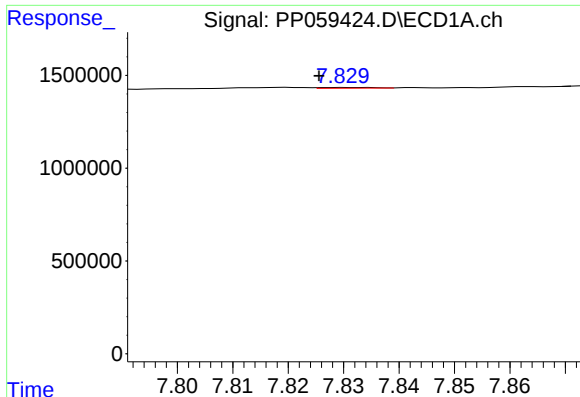
#32 AR-1260-2

R.T.: 7.451 min
Delta R.T.: -0.013 min
Response: 874319
Conc: 14.68 ng/ml



#32 AR-1260-2

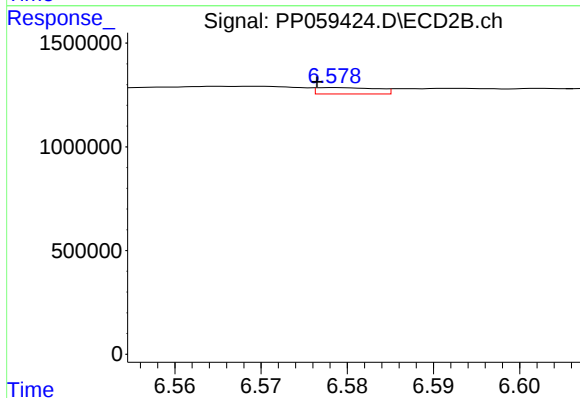
R.T.: 6.415 min
Delta R.T.: -0.008 min
Response: 456152
Conc: 3.94 ng/ml



#33 AR-1260-3

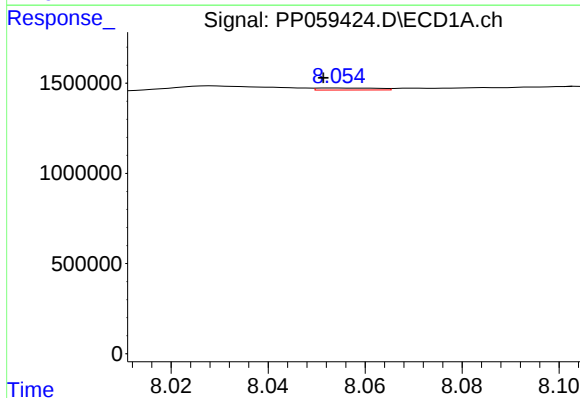
R.T.: 7.830 min
Delta R.T.: 0.005 min
Response: 31706
Conc: 0.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



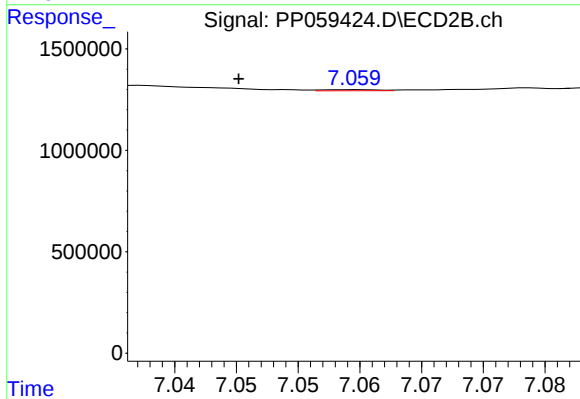
#33 AR-1260-3

R.T.: 6.579 min
Delta R.T.: 0.002 min
Response: 150691
Conc: 1.35 ng/ml



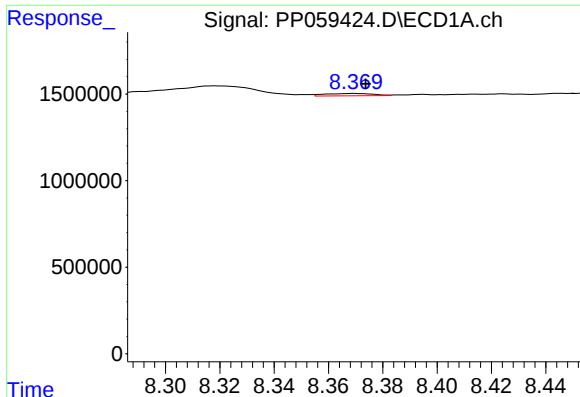
#34 AR-1260-4

R.T.: 8.053 min
Delta R.T.: 0.002 min
Response: 97629
Conc: 2.20 ng/ml



#34 AR-1260-4

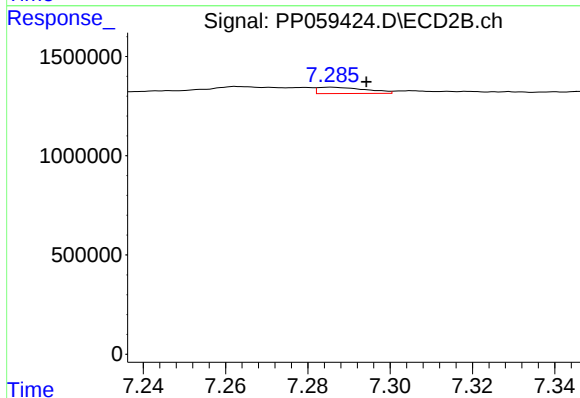
R.T.: 7.060 min
Delta R.T.: 0.009 min
Response: 17324
Conc: 0.20 ng/ml



#35 AR-1260-5

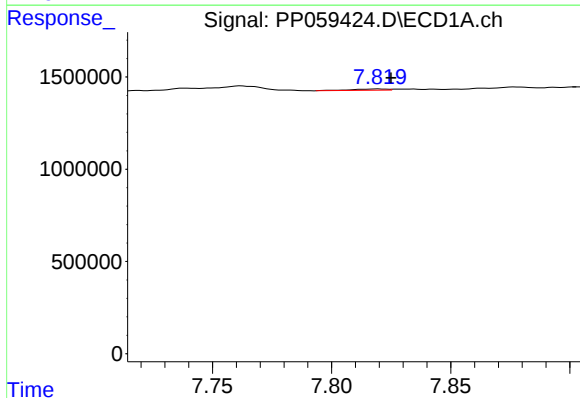
R.T.: 8.370 min
Delta R.T.: -0.004 min
Response: 165535
Conc: 2.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



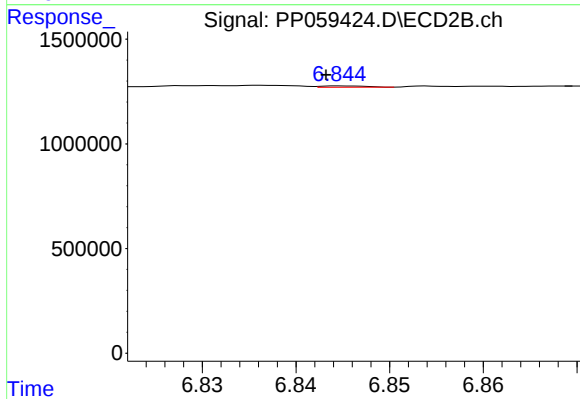
#35 AR-1260-5

R.T.: 7.286 min
Delta R.T.: -0.008 min
Response: 257830
Conc: 1.40 ng/ml



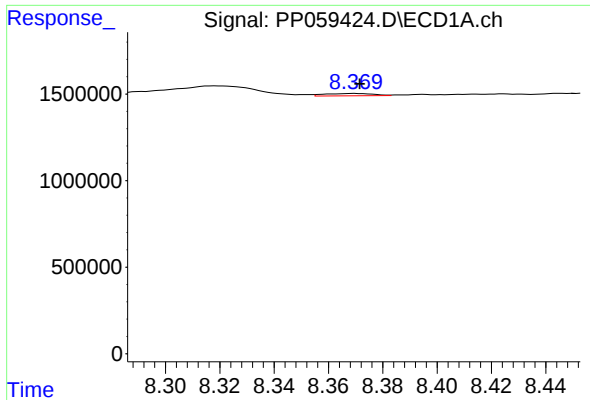
#36 AR-1262-1

R.T.: 7.820 min
Delta R.T.: -0.005 min
Response: 71189
Conc: 1.12 ng/ml



#36 AR-1262-1

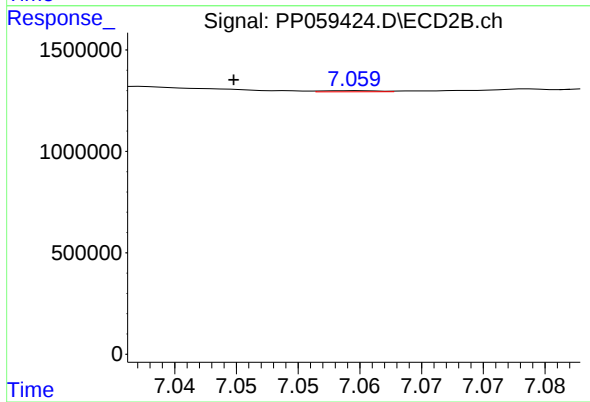
R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 21177
Conc: 0.37 ng/ml



#37 AR-1262-2

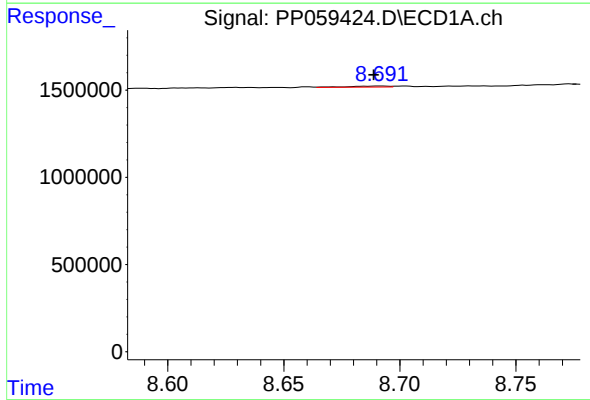
R.T.: 8.370 min
Delta R.T.: -0.002 min
Response: 165535
Conc: 1.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



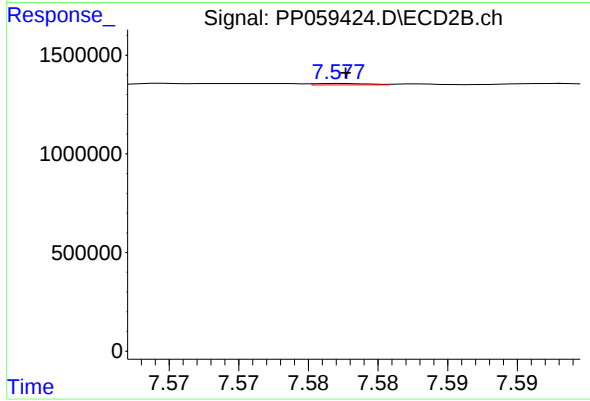
#37 AR-1262-2

R.T.: 7.060 min
Delta R.T.: 0.010 min
Response: 17324
Conc: 0.15 ng/ml



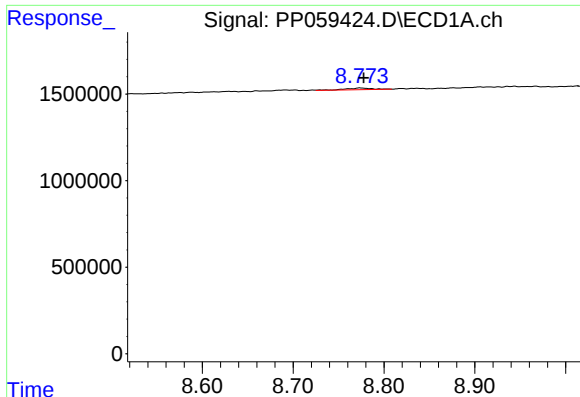
#38 AR-1262-3

R.T.: 8.692 min
Delta R.T.: 0.003 min
Response: 66431
Conc: 1.03 ng/ml



#38 AR-1262-3

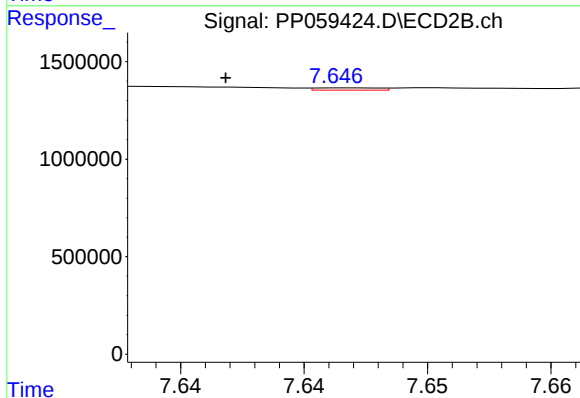
R.T.: 7.577 min
Delta R.T.: 0.000 min
Response: 19526
Conc: 0.23 ng/ml



#39 AR-1262-4

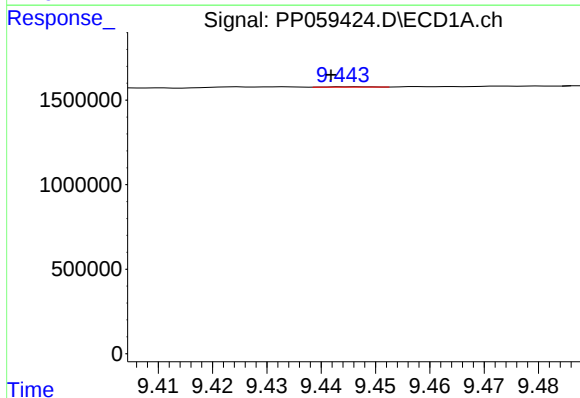
R.T.: 8.773 min
Delta R.T.: -0.004 min
Response: 207774
Conc: 6.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



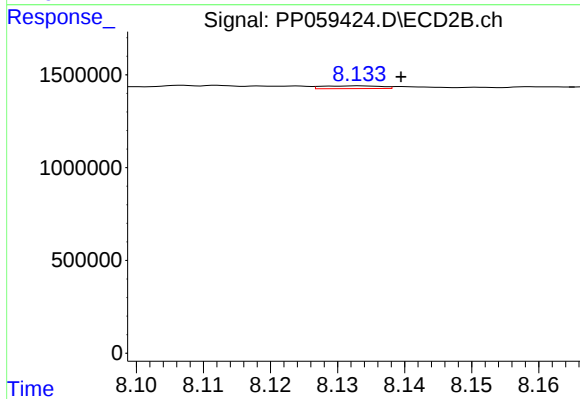
#39 AR-1262-4

R.T.: 7.647 min
Delta R.T.: 0.005 min
Response: 20239
Conc: 0.13 ng/ml



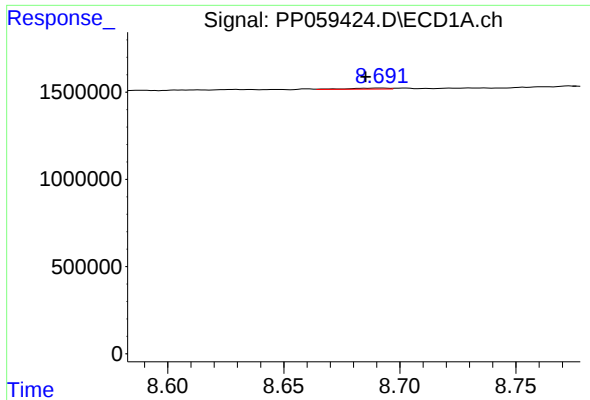
#40 AR-1262-5

R.T.: 9.446 min
Delta R.T.: 0.004 min
Response: 9766
Conc: 0.33 ng/ml



#40 AR-1262-5

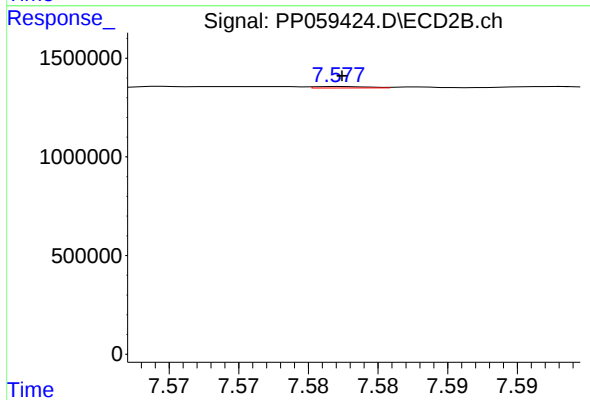
R.T.: 8.133 min
Delta R.T.: -0.006 min
Response: 87419
Conc: 1.37 ng/ml



#41 AR-1268-1

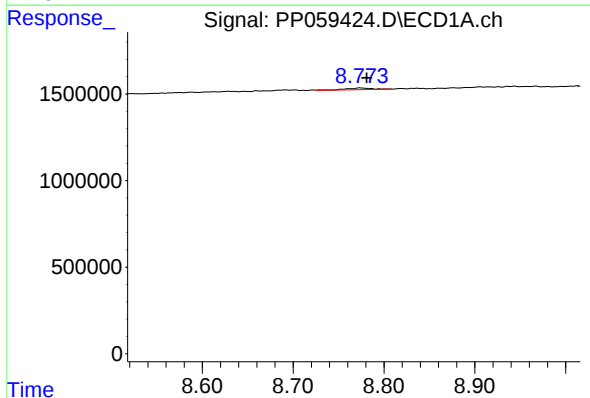
R.T.: 8.692 min
Delta R.T.: 0.006 min
Response: 66431
Conc: 0.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



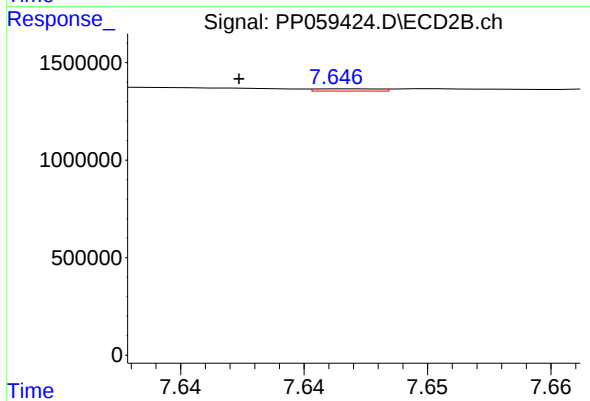
#41 AR-1268-1

R.T.: 7.577 min
Delta R.T.: 0.000 min
Response: 19526
Conc: 0.08 ng/ml



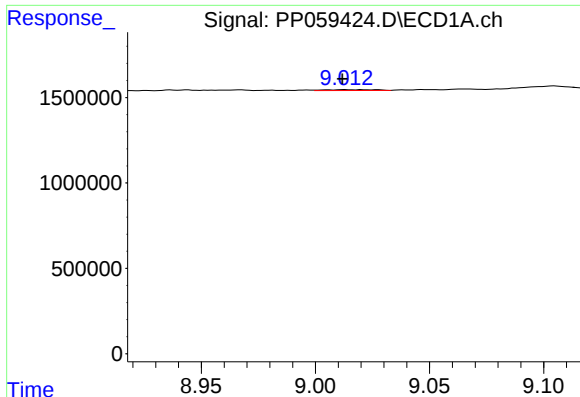
#42 AR-1268-2

R.T.: 8.773 min
Delta R.T.: -0.008 min
Response: 207774
Conc: 2.11 ng/ml



#42 AR-1268-2

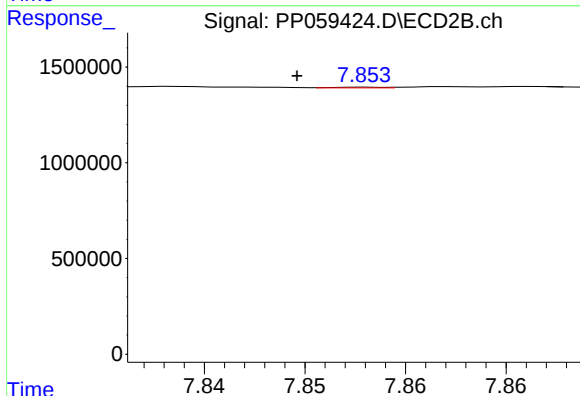
R.T.: 7.647 min
Delta R.T.: 0.004 min
Response: 20239
Conc: 0.09 ng/ml



#43 AR-1268-3

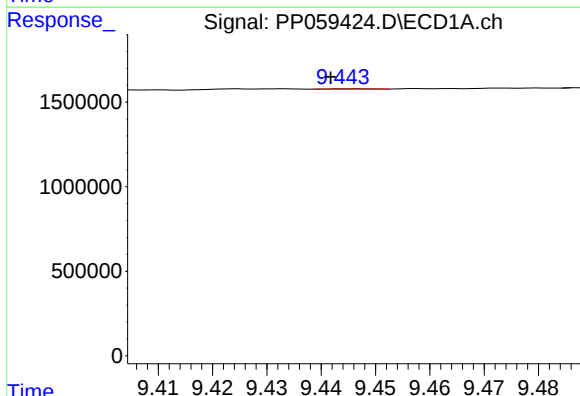
R.T.: 9.013 min
Delta R.T.: 0.001 min
Response: 73155
Conc: 0.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



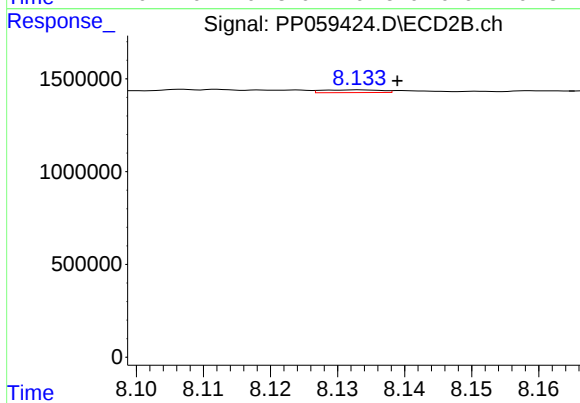
#43 AR-1268-3

R.T.: 7.853 min
Delta R.T.: 0.004 min
Response: 5936
Conc: 0.03 ng/ml



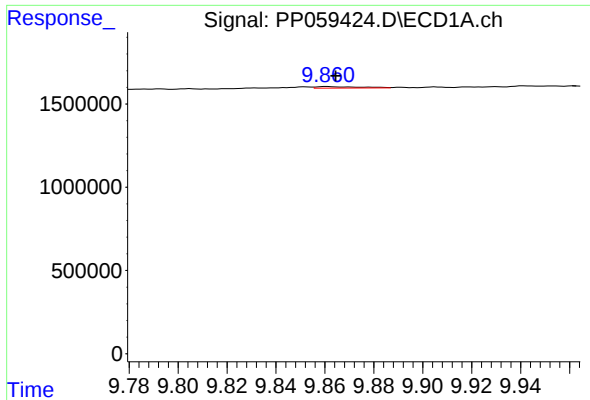
#44 AR-1268-4

R.T.: 9.446 min
Delta R.T.: 0.004 min
Response: 9766
Conc: 0.31 ng/ml



#44 AR-1268-4

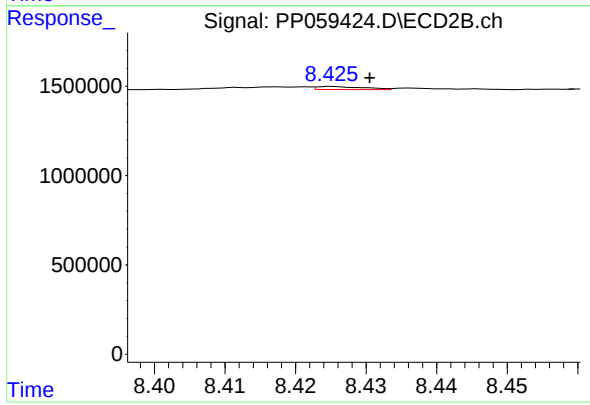
R.T.: 8.133 min
Delta R.T.: -0.006 min
Response: 87419
Conc: 1.26 ng/ml



#45 AR-1268-5

R.T.: 9.861 min
Delta R.T.: -0.003 min
Response: 109570
Conc: 0.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.425 min
Delta R.T.: -0.005 min
Response: 79361
Conc: 0.15 ng/ml