

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081823\
 Data File : PP059429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2023 20:15
 Operator : YP\AJ
 Sample : 04086-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 00:35:58 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...	4.413	3.642	21150369	36083414	17.237	17.809
2)	SA Decachlor...	10.204	8.675	14757695	23304742	19.336	16.566
Target Compounds							
3)	L1 AR-1016-1	5.585	4.746	54137	257129	1.378	4.009 #
4)	L1 AR-1016-2	5.616	4.760	178905	67556	3.156	0.744 #
5)	L1 AR-1016-3	5.685	4.937	18245	125186	0.509	2.605 #
6)	L1 AR-1016-4	0.000	4.980	0	176080	N.D.	4.264 #
7)	L1 AR-1016-5	6.084	5.202	207072	8384	6.842	0.161 #
8)	L2 AR-1221-1	4.620	3.868	844480	26498	53.604	0.976 #
9)	L2 AR-1221-2	4.720	3.943	354053	847469	29.982	42.565 #
10)	L2 AR-1221-3	4.799	4.019	66163	71099	1.879	1.194 #
11)	L3 AR-1232-1	4.799	4.019	66163	71099	2.251	1.498 #
12)	L3 AR-1232-2	5.328	4.760	49563	67556	3.180	1.593 #
13)	L3 AR-1232-3	5.616	4.937	178905	125186	6.775	5.642
14)	L3 AR-1232-4	0.000	5.023	0	50468	N.D.	2.390 #
15)	L3 AR-1232-5	5.870	5.202	114592	8384	10.039	0.366 #
16)	L4 AR-1242-1	5.585	4.746	54137	257129	1.582	4.594 #
17)	L4 AR-1242-2	5.616	4.760	178905	67556	3.646	0.847 #
18)	L4 AR-1242-3	5.685	4.937	18245	125186	0.581	2.937 #
19)	L4 AR-1242-4	0.000	5.023	0	50468	N.D.	1.156 #
20)	L4 AR-1242-5	6.521	5.539	74364	967205	2.879	19.472 #
21)	L5 AR-1248-1	5.585	4.746	54137	257129	2.133	6.250 #
22)	L5 AR-1248-2	5.870	4.980	114592	176080	2.961	2.924
23)	L5 AR-1248-3	6.084	5.023	207072	50468	4.902	0.819 #
24)	L5 AR-1248-4	6.486	5.202	2277245	8384	54.696	0.116 #
25)	L5 AR-1248-5	6.521	5.588	74364	241905	1.823	3.666 #
26)	L6 AR-1254-1	6.439	5.539	1255769	967205	26.882	9.546 #
27)	L6 AR-1254-2	6.671	5.691	878838	229538	12.772	2.600 #
28)	L6 AR-1254-3	7.039	6.093	781510	1267925	11.323	9.172
29)	L6 AR-1254-4	7.327	6.321	100154	256511	2.225	3.191 #
30)	L6 AR-1254-5	7.763	6.742	8763450	17732843	186.508	148.284
31)	L7 AR-1260-1	7.200	6.240	1025360	947151	18.742	9.563 #
32)	L7 AR-1260-2	7.454	6.415	3957000	1390341	66.461	12.016 #
33)	L7 AR-1260-3	7.820	6.567	264113	1120425	6.711	10.073 #
34)	L7 AR-1260-4	8.073f	7.039	37293	926138	0.840	10.683 #
35)	L7 AR-1260-5	8.367	7.284	804782	1631695	10.064	8.852
36)	L8 AR-1262-1	7.820	6.834	264113	553178	4.147	9.615 #
37)	L8 AR-1262-2	8.367	7.039	804782	926138	8.763	7.849
38)	L8 AR-1262-3	8.689	7.569	394964	376945	6.137	4.429 #
39)	L8 AR-1262-4	8.776	7.631	463511	1304616	13.958	8.636 #
40)	L8 AR-1262-5	9.436	8.132	109296	831517	3.663	13.038 #
41)	L9 AR-1268-1	8.689	7.569	394964	376945	3.478	1.546 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081823\
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 Acq On : 18 Aug 2023 20:15
 Operator : YP\AJ
 Sample : 04086-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

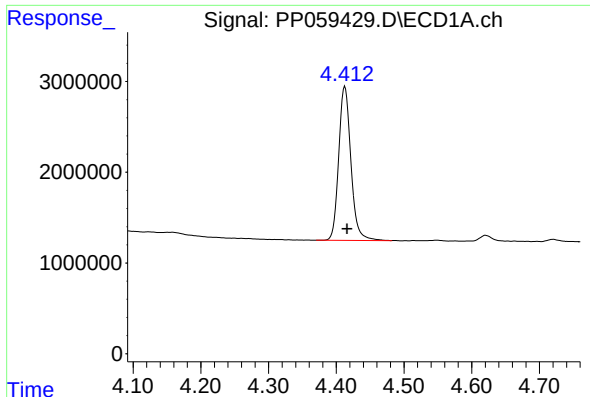
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 00:35:58 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	8.776	7.631	463511	1304616	4.710	5.957 #
43) L9	AR-1268-3	9.009	7.839	24750	84320	0.267	0.431 #
44) L9	AR-1268-4	9.436	8.132	109296	831517	3.426	11.949 #
45) L9	AR-1268-5	9.864	8.416	428324	212636	1.578	0.410 #

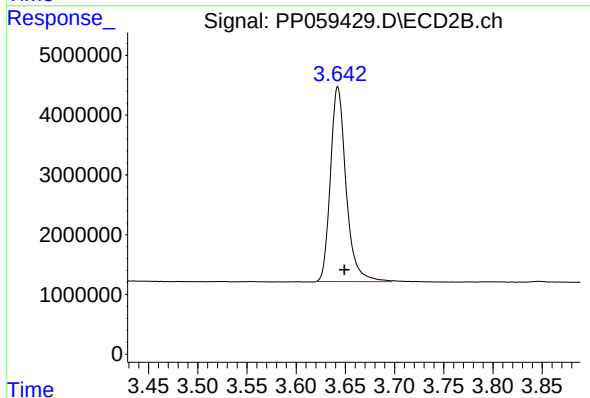
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

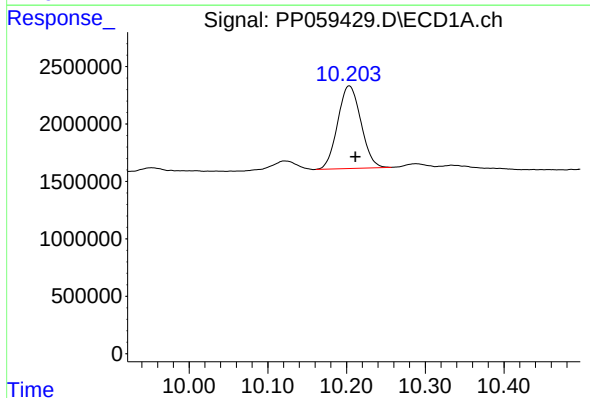
R.T.: 4.413 min
Delta R.T.: -0.003 min
Response: 21150369
Conc: 17.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



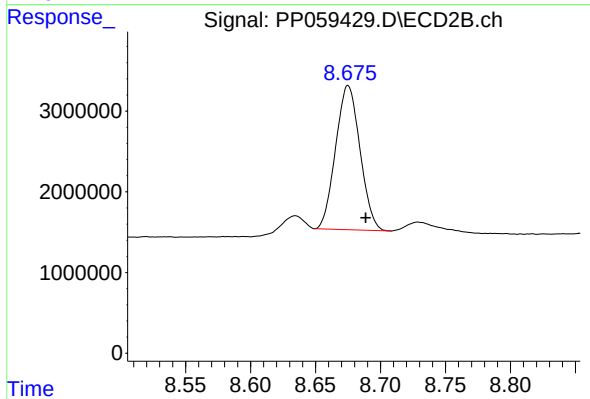
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: -0.007 min
Response: 36083414
Conc: 17.81 ng/ml



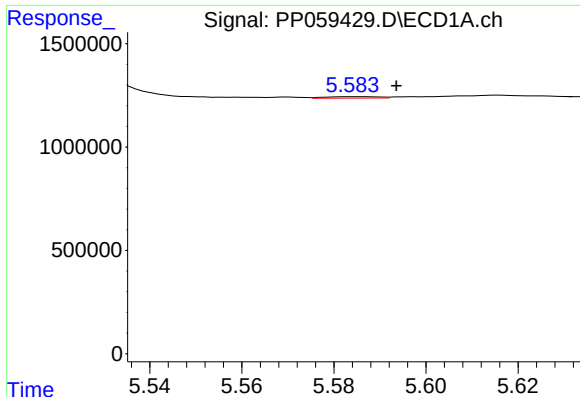
#2 Decachlorobiphenyl

R.T.: 10.204 min
Delta R.T.: -0.008 min
Response: 14757695
Conc: 19.34 ng/ml



#2 Decachlorobiphenyl

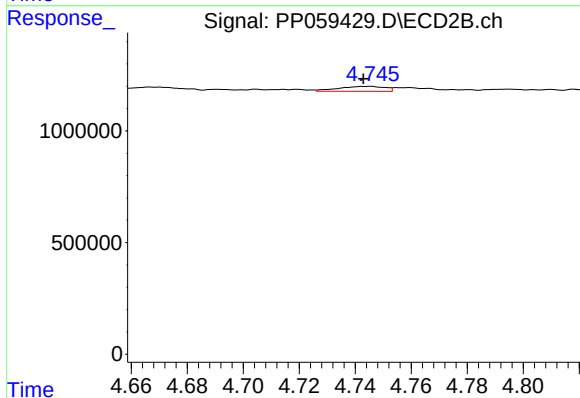
R.T.: 8.675 min
Delta R.T.: -0.014 min
Response: 23304742
Conc: 16.57 ng/ml



#3 AR-1016-1

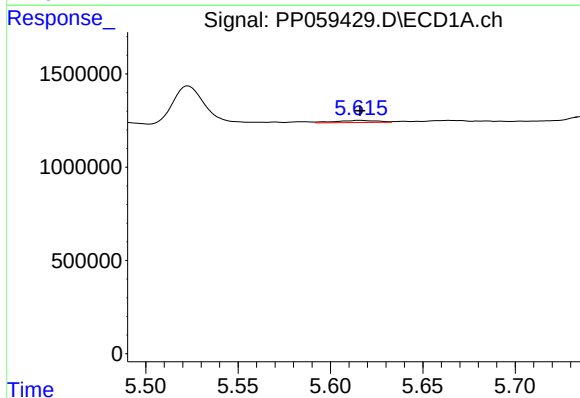
R.T.: 5.585 min
Delta R.T.: -0.009 min
Response: 54137
Conc: 1.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



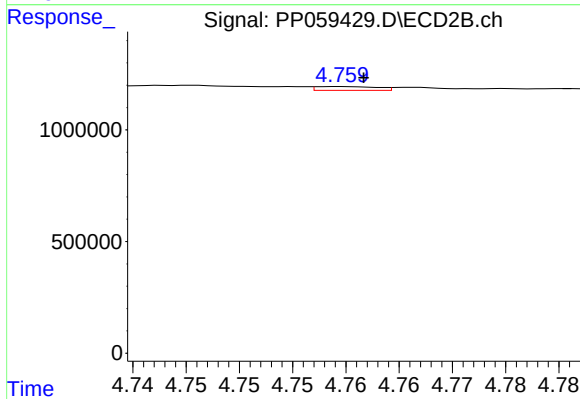
#3 AR-1016-1

R.T.: 4.746 min
Delta R.T.: 0.003 min
Response: 257129
Conc: 4.01 ng/ml



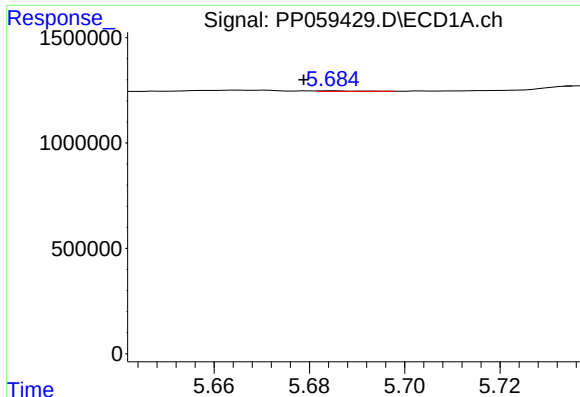
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 178905
Conc: 3.16 ng/ml



#4 AR-1016-2

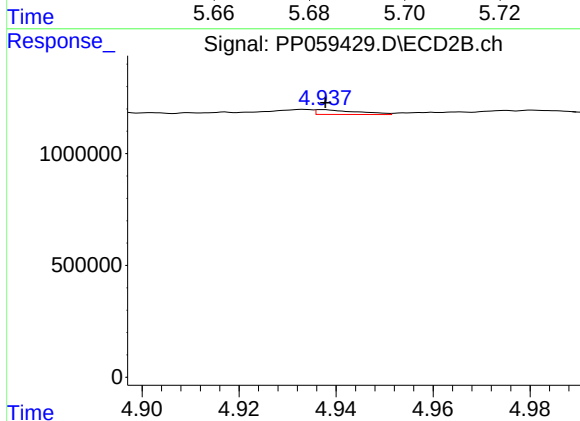
R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 67556
Conc: 0.74 ng/ml



#5 AR-1016-3

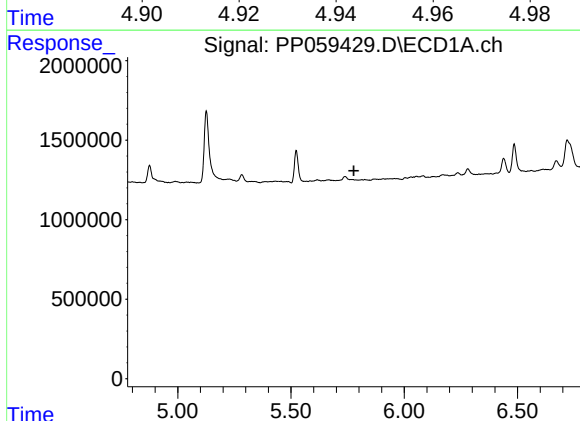
R.T.: 5.685 min
Delta R.T.: 0.006 min
Response: 18245
Conc: 0.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



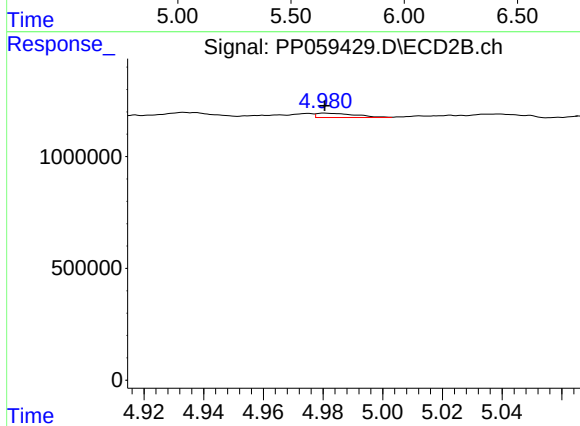
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 125186
Conc: 2.61 ng/ml



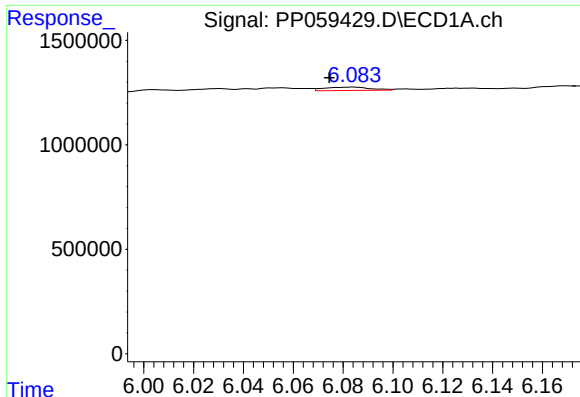
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.778 min
Response: 0
Conc: N.D.



#6 AR-1016-4

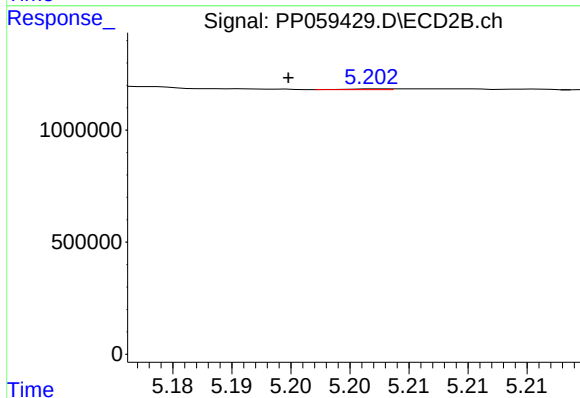
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 176080
Conc: 4.26 ng/ml



#7 AR-1016-5

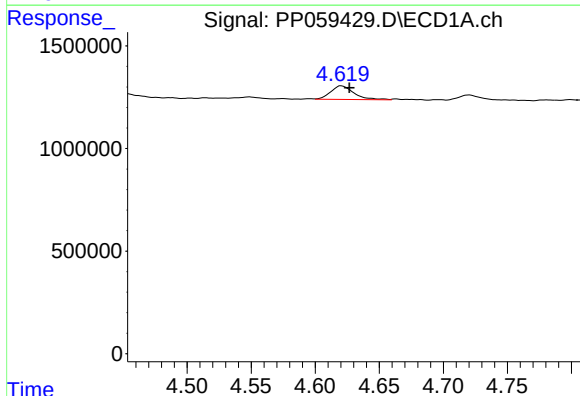
R.T.: 6.084 min
Delta R.T.: 0.010 min
Response: 207072
Conc: 6.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



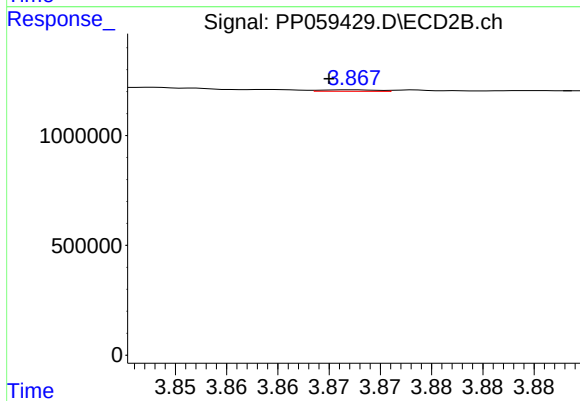
#7 AR-1016-5

R.T.: 5.202 min
Delta R.T.: 0.007 min
Response: 8384
Conc: 0.16 ng/ml



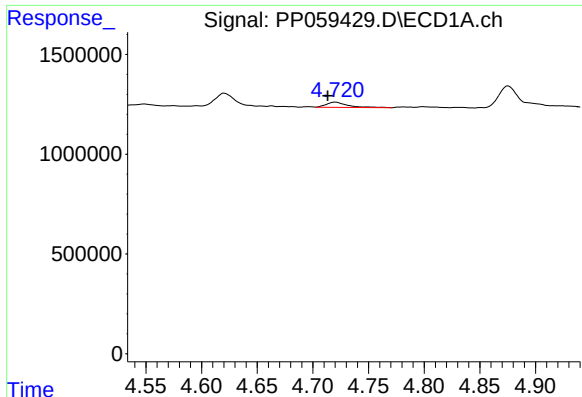
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: -0.006 min
Response: 844480
Conc: 53.60 ng/ml



#8 AR-1221-1

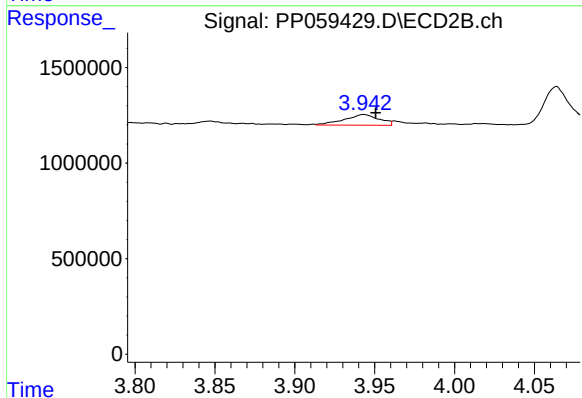
R.T.: 3.868 min
Delta R.T.: 0.003 min
Response: 26498
Conc: 0.98 ng/ml



#9 AR-1221-2

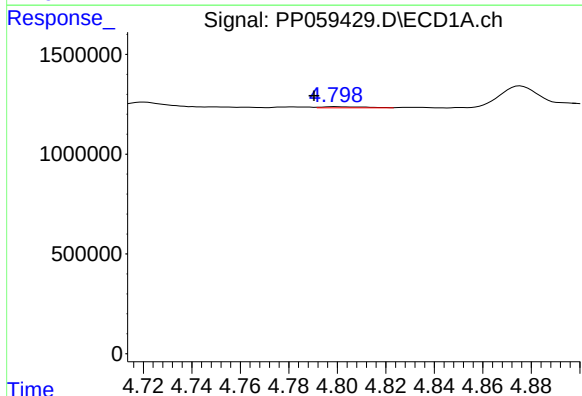
R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 354053
Conc: 29.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



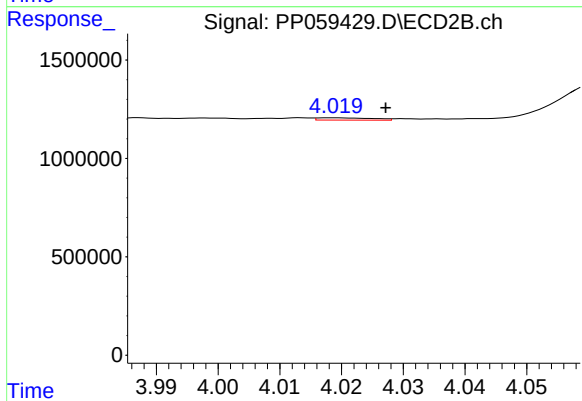
#9 AR-1221-2

R.T.: 3.943 min
Delta R.T.: -0.008 min
Response: 847469
Conc: 42.57 ng/ml



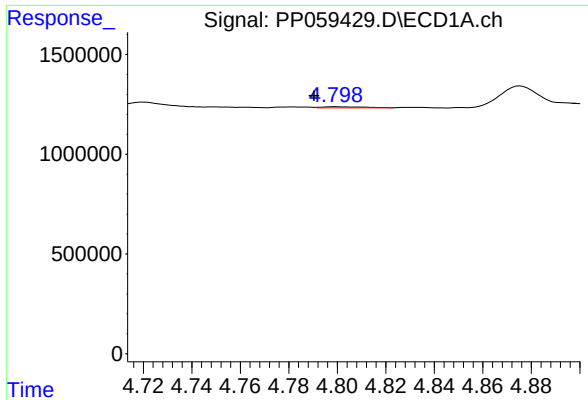
#10 AR-1221-3

R.T.: 4.799 min
Delta R.T.: 0.009 min
Response: 66163
Conc: 1.88 ng/ml



#10 AR-1221-3

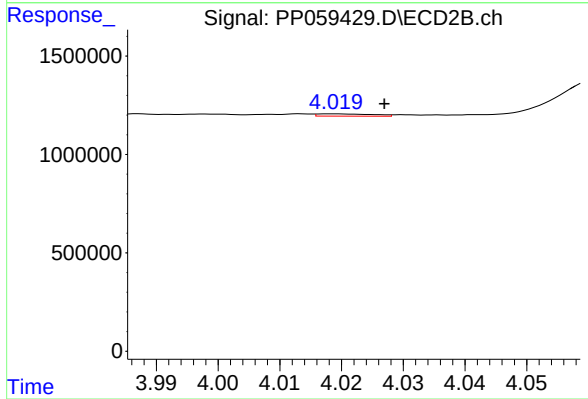
R.T.: 4.019 min
Delta R.T.: -0.008 min
Response: 71099
Conc: 1.19 ng/ml



#11 AR-1232-1

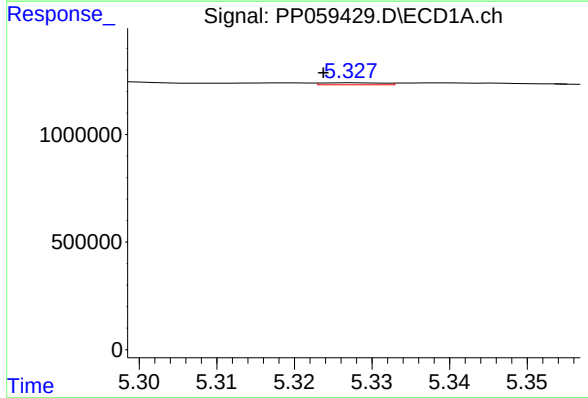
R.T.: 4.799 min
Delta R.T.: 0.009 min
Response: 66163
Conc: 2.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



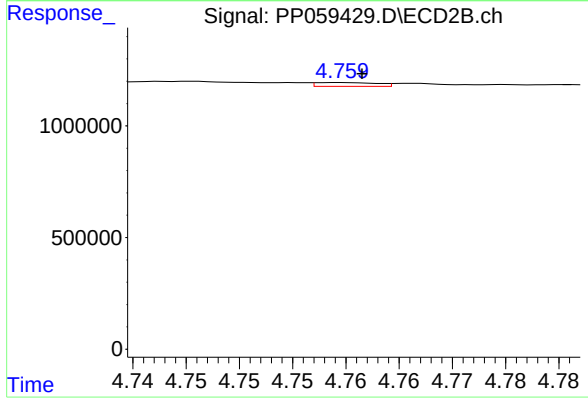
#11 AR-1232-1

R.T.: 4.019 min
Delta R.T.: -0.008 min
Response: 71099
Conc: 1.50 ng/ml



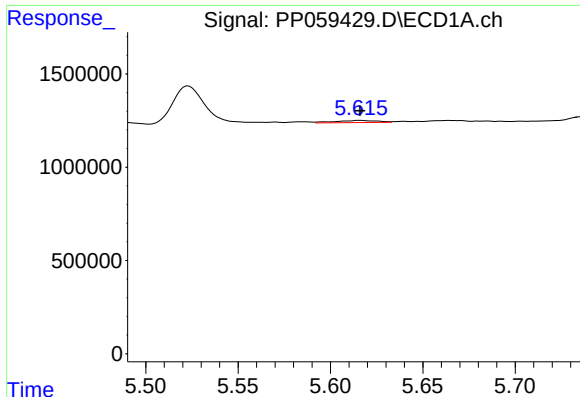
#12 AR-1232-2

R.T.: 5.328 min
Delta R.T.: 0.004 min
Response: 49563
Conc: 3.18 ng/ml



#12 AR-1232-2

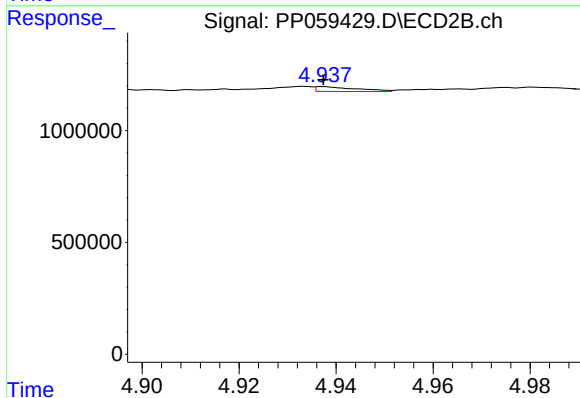
R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 67556
Conc: 1.59 ng/ml



#13 AR-1232-3

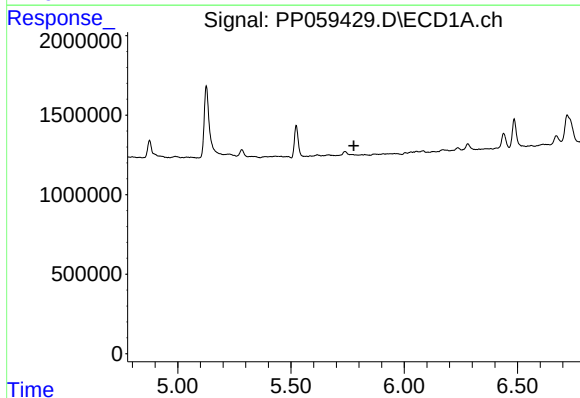
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 178905
Conc: 6.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



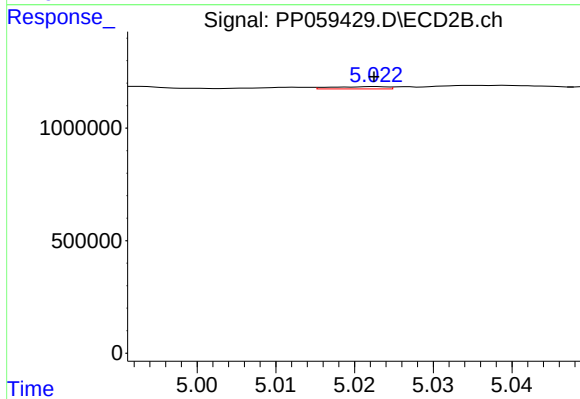
#13 AR-1232-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 125186
Conc: 5.64 ng/ml



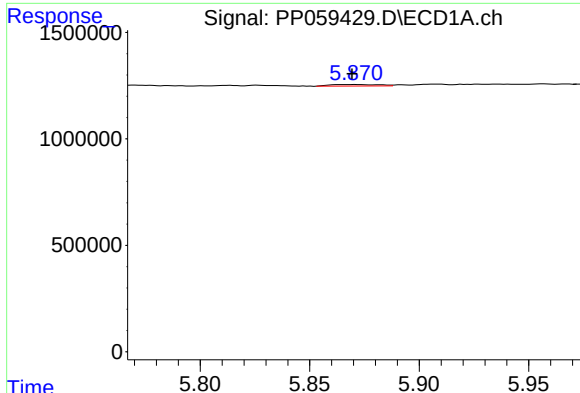
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.778 min
Response: 0
Conc: N.D.



#14 AR-1232-4

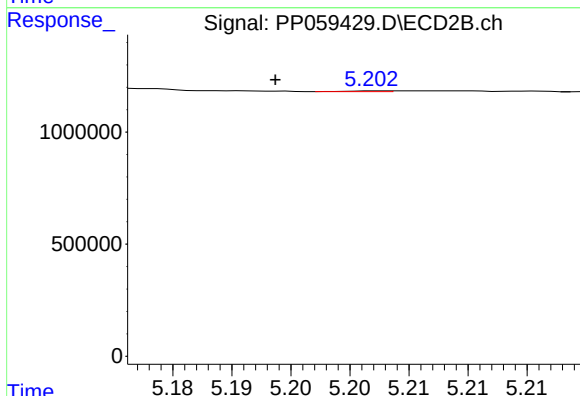
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 50468
Conc: 2.39 ng/ml



#15 AR-1232-5

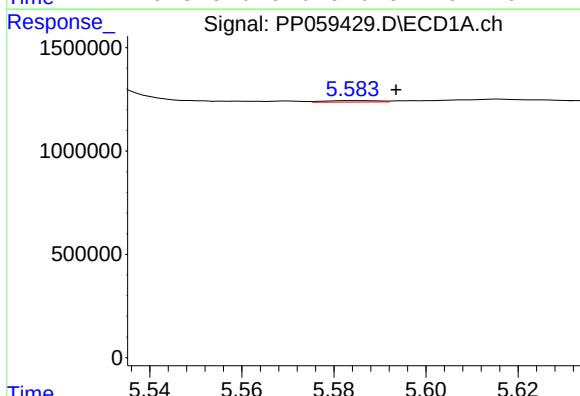
R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 114592
Conc: 10.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



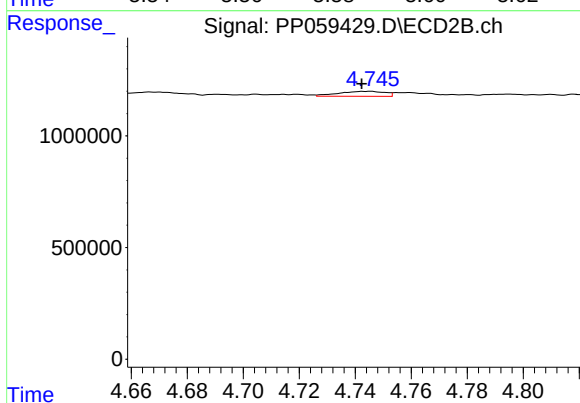
#15 AR-1232-5

R.T.: 5.202 min
Delta R.T.: 0.009 min
Response: 8384
Conc: 0.37 ng/ml



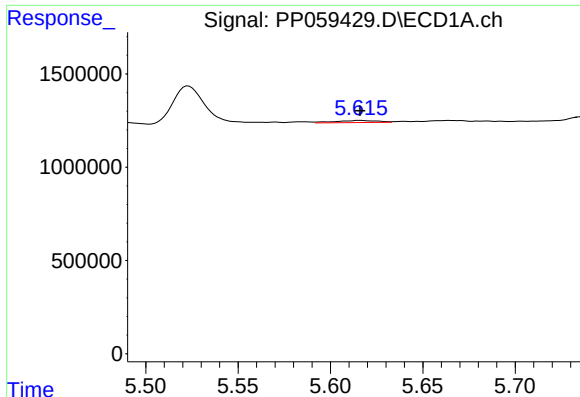
#16 AR-1242-1

R.T.: 5.585 min
Delta R.T.: -0.009 min
Response: 54137
Conc: 1.58 ng/ml



#16 AR-1242-1

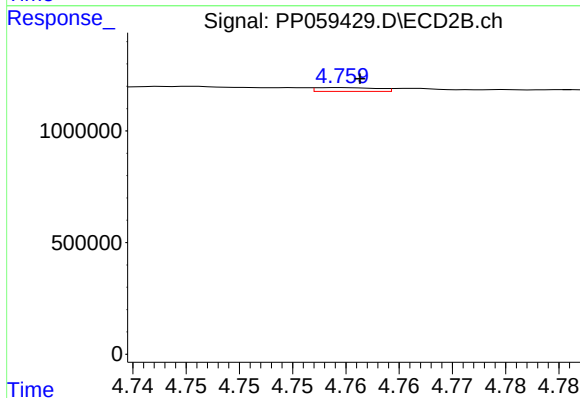
R.T.: 4.746 min
Delta R.T.: 0.003 min
Response: 257129
Conc: 4.59 ng/ml



#17 AR-1242-2

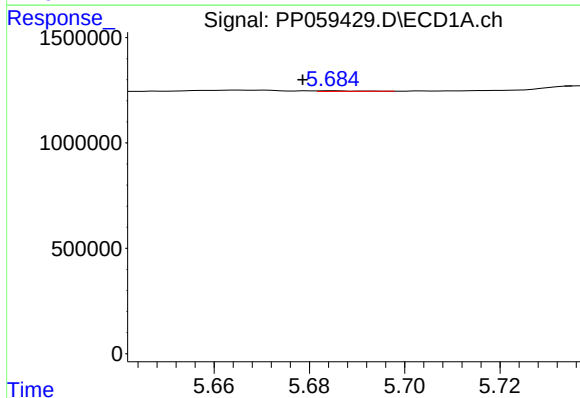
R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 178905
Conc: 3.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



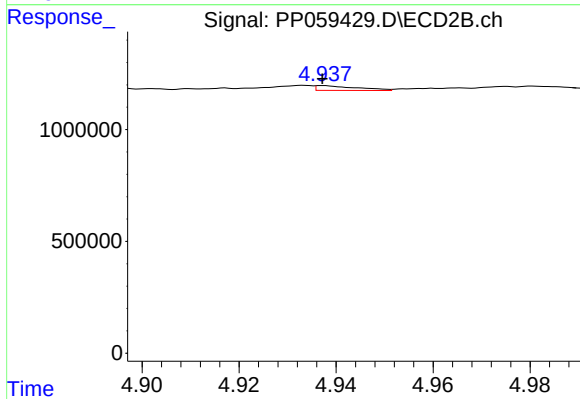
#17 AR-1242-2

R.T.: 4.760 min
Delta R.T.: -0.002 min
Response: 67556
Conc: 0.85 ng/ml



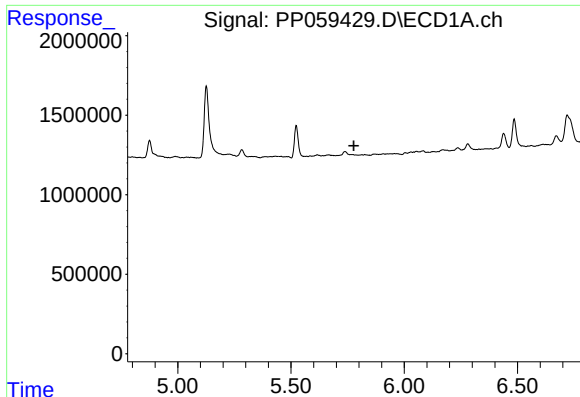
#18 AR-1242-3

R.T.: 5.685 min
Delta R.T.: 0.006 min
Response: 18245
Conc: 0.58 ng/ml



#18 AR-1242-3

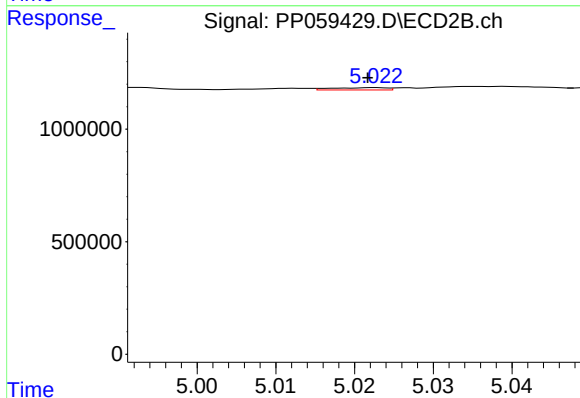
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 125186
Conc: 2.94 ng/ml



#19 AR-1242-4

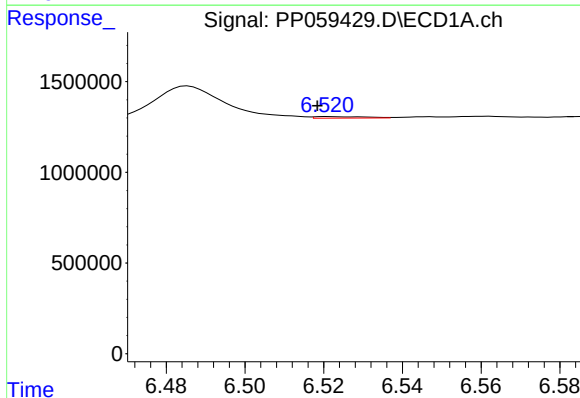
R.T.: 0.000 min
Exp R.T.: 5.777 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



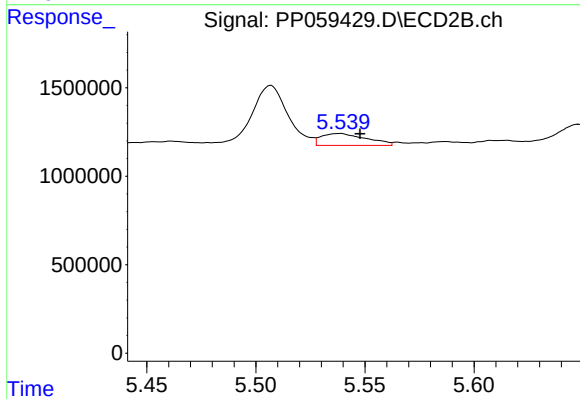
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 50468
Conc: 1.16 ng/ml



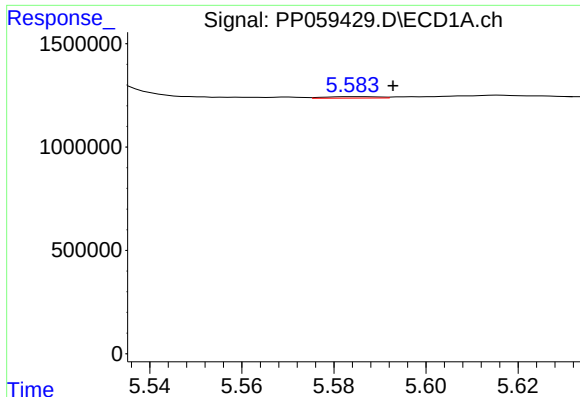
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: 0.003 min
Response: 74364
Conc: 2.88 ng/ml



#20 AR-1242-5

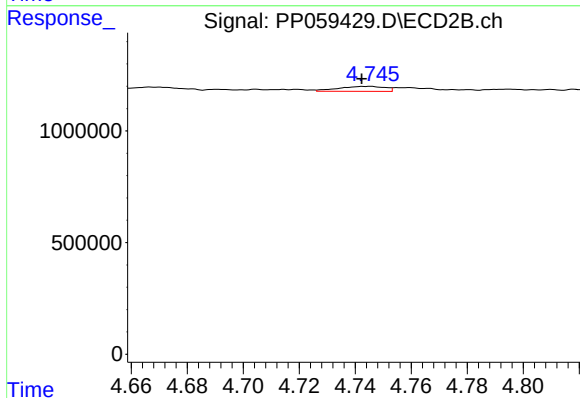
R.T.: 5.539 min
Delta R.T.: -0.009 min
Response: 967205
Conc: 19.47 ng/ml



#21 AR-1248-1

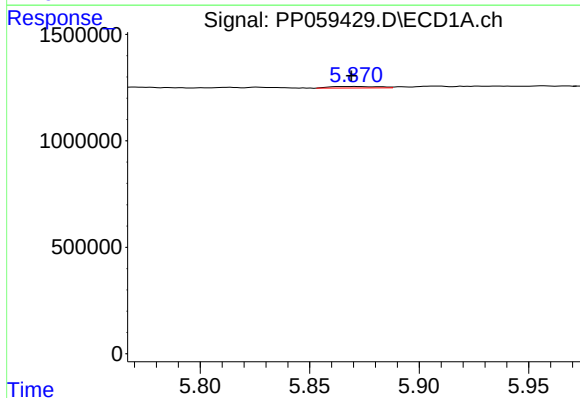
R.T.: 5.585 min
Delta R.T.: -0.008 min
Response: 54137
Conc: 2.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



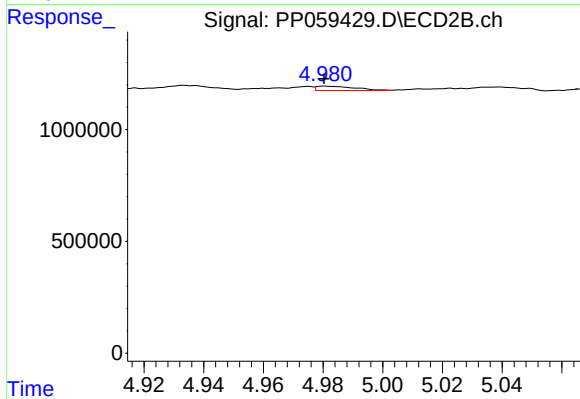
#21 AR-1248-1

R.T.: 4.746 min
Delta R.T.: 0.003 min
Response: 257129
Conc: 6.25 ng/ml



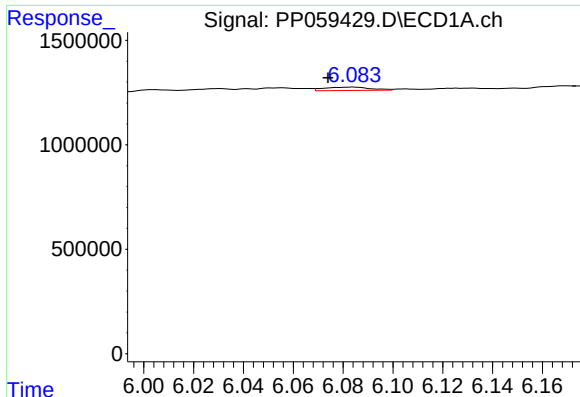
#22 AR-1248-2

R.T.: 5.870 min
Delta R.T.: 0.001 min
Response: 114592
Conc: 2.96 ng/ml



#22 AR-1248-2

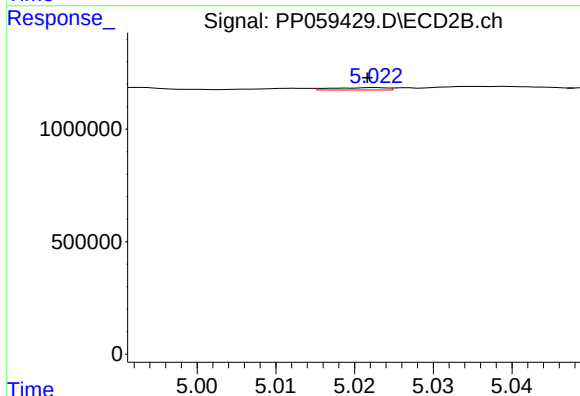
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 176080
Conc: 2.92 ng/ml



#23 AR-1248-3

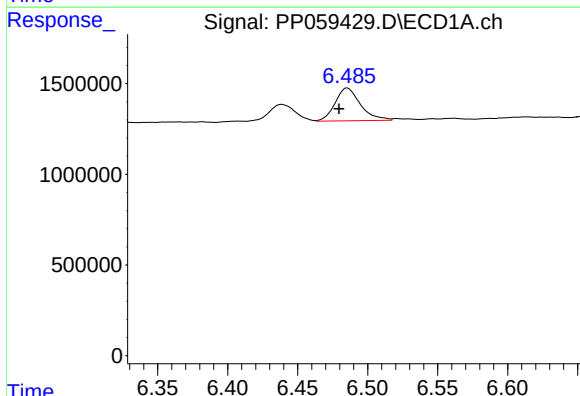
R.T.: 6.084 min
Delta R.T.: 0.010 min
Response: 207072
Conc: 4.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



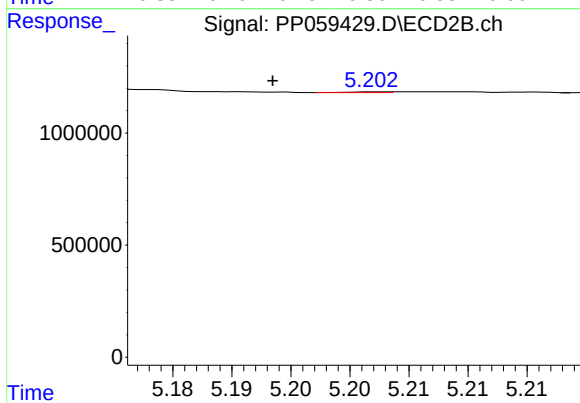
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: 0.001 min
Response: 50468
Conc: 0.82 ng/ml



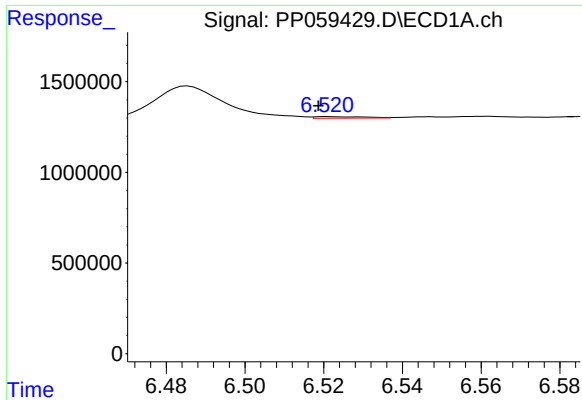
#24 AR-1248-4

R.T.: 6.486 min
Delta R.T.: 0.006 min
Response: 2277245
Conc: 54.70 ng/ml



#24 AR-1248-4

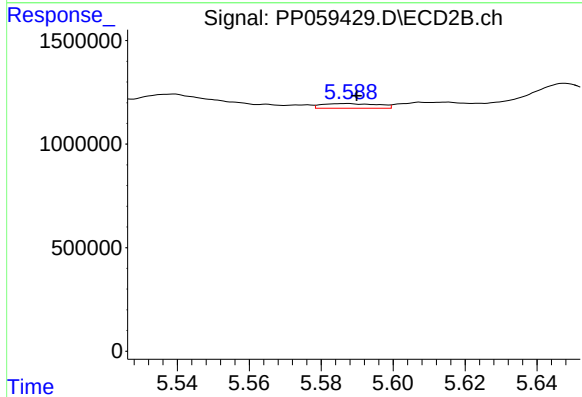
R.T.: 5.202 min
Delta R.T.: 0.009 min
Response: 8384
Conc: 0.12 ng/ml



#25 AR-1248-5

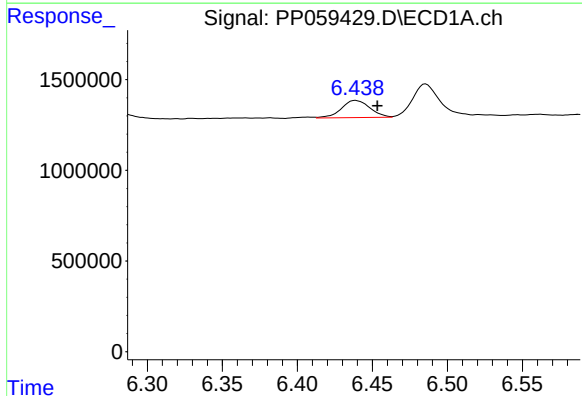
R.T.: 6.521 min
Delta R.T.: 0.003 min
Response: 74364
Conc: 1.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



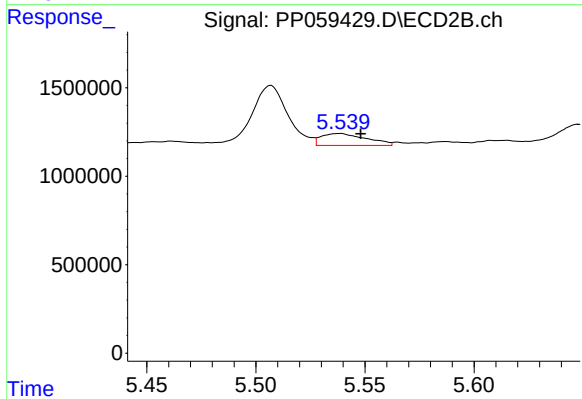
#25 AR-1248-5

R.T.: 5.588 min
Delta R.T.: -0.002 min
Response: 241905
Conc: 3.67 ng/ml



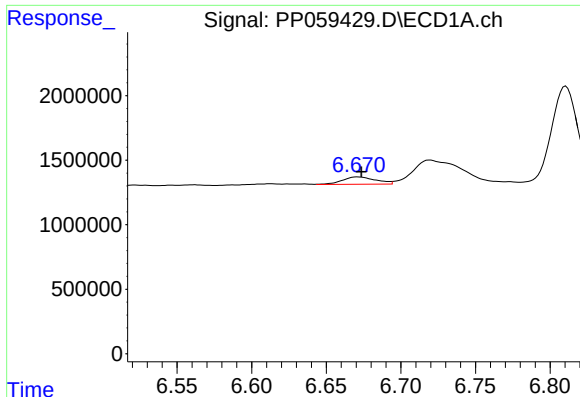
#26 AR-1254-1

R.T.: 6.439 min
Delta R.T.: -0.015 min
Response: 1255769
Conc: 26.88 ng/ml



#26 AR-1254-1

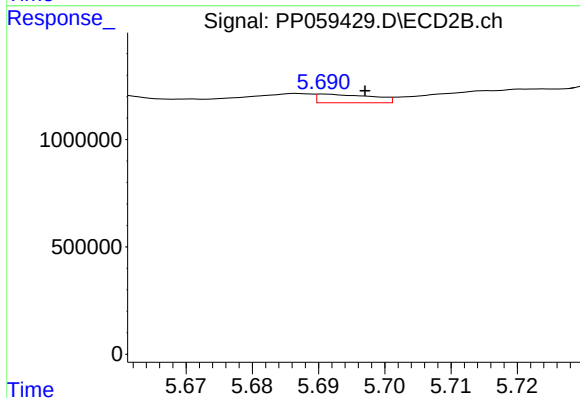
R.T.: 5.539 min
Delta R.T.: -0.009 min
Response: 967205
Conc: 9.55 ng/ml



#27 AR-1254-2

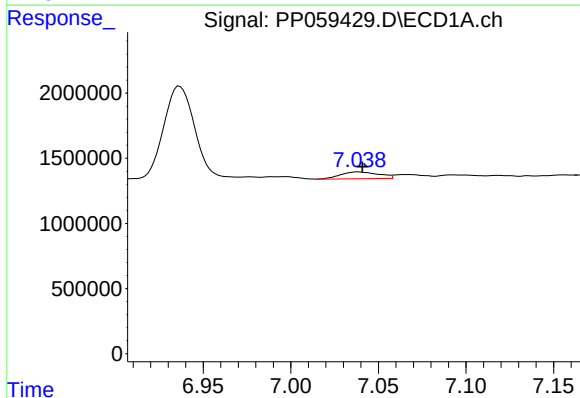
R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 878838
Conc: 12.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



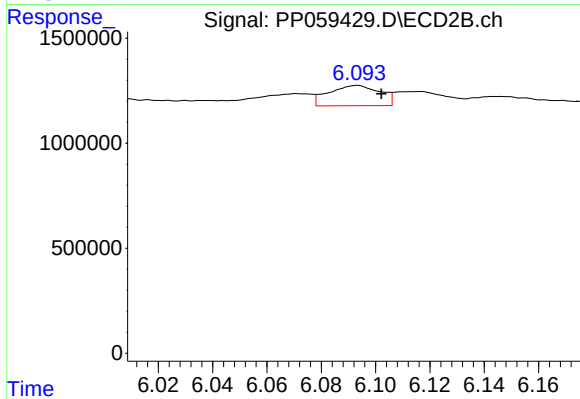
#27 AR-1254-2

R.T.: 5.691 min
Delta R.T.: -0.006 min
Response: 229538
Conc: 2.60 ng/ml



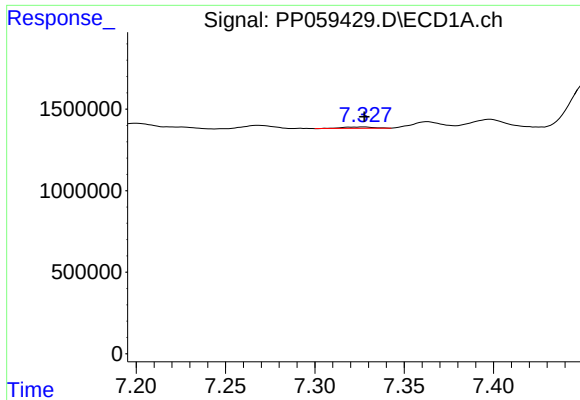
#28 AR-1254-3

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 781510
Conc: 11.32 ng/ml



#28 AR-1254-3

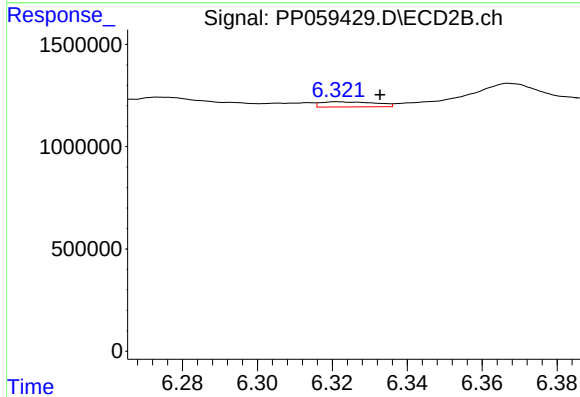
R.T.: 6.093 min
Delta R.T.: -0.009 min
Response: 1267925
Conc: 9.17 ng/ml



#29 AR-1254-4

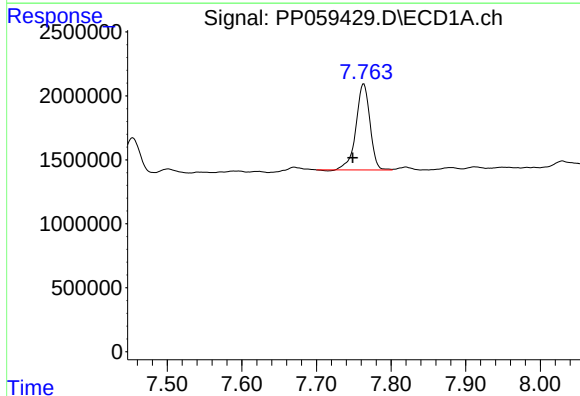
R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 100154
Conc: 2.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



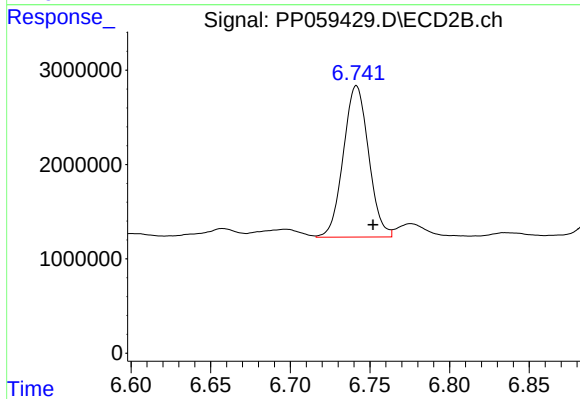
#29 AR-1254-4

R.T.: 6.321 min
Delta R.T.: -0.011 min
Response: 256511
Conc: 3.19 ng/ml



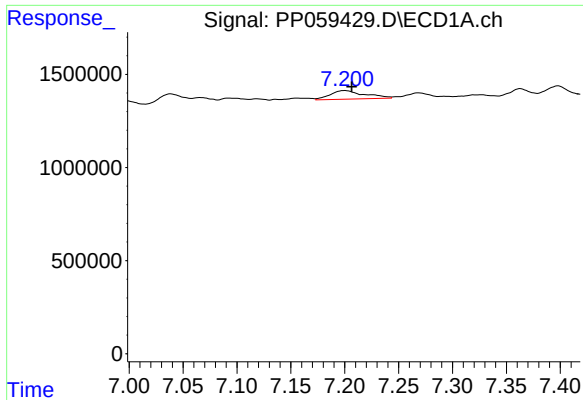
#30 AR-1254-5

R.T.: 7.763 min
Delta R.T.: 0.015 min
Response: 8763450
Conc: 186.51 ng/ml



#30 AR-1254-5

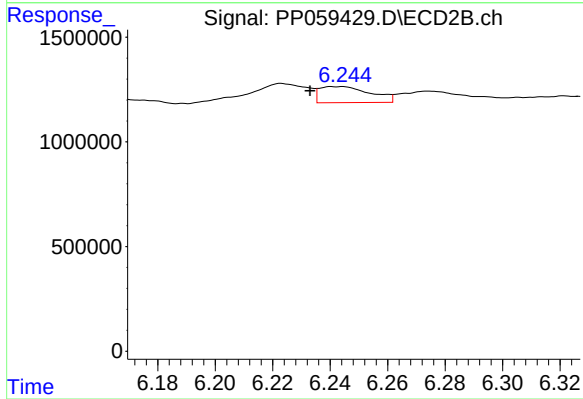
R.T.: 6.742 min
Delta R.T.: -0.010 min
Response: 17732843
Conc: 148.28 ng/ml



#31 AR-1260-1

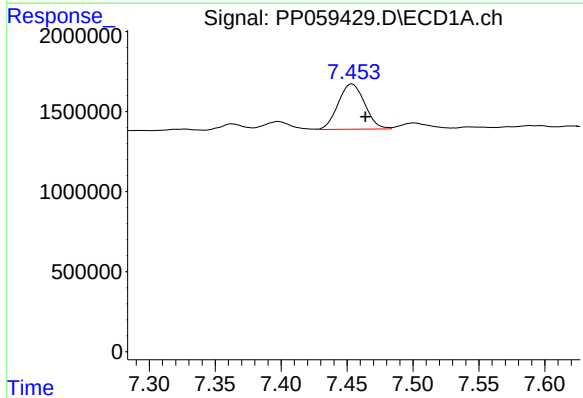
R.T.: 7.200 min
Delta R.T.: -0.006 min
Response: 1025360
Conc: 18.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



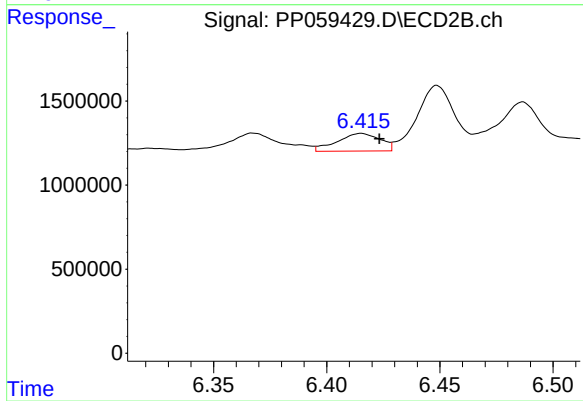
#31 AR-1260-1

R.T.: 6.240 min
Delta R.T.: 0.007 min
Response: 947151
Conc: 9.56 ng/ml



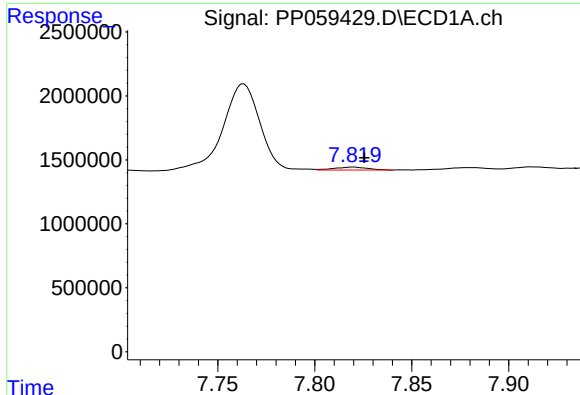
#32 AR-1260-2

R.T.: 7.454 min
Delta R.T.: -0.010 min
Response: 3957000
Conc: 66.46 ng/ml



#32 AR-1260-2

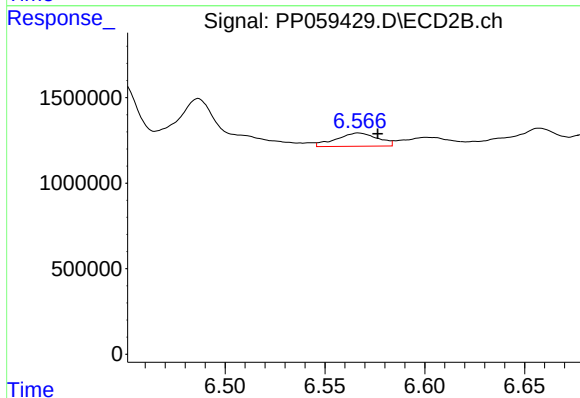
R.T.: 6.415 min
Delta R.T.: -0.008 min
Response: 1390341
Conc: 12.02 ng/ml



#33 AR-1260-3

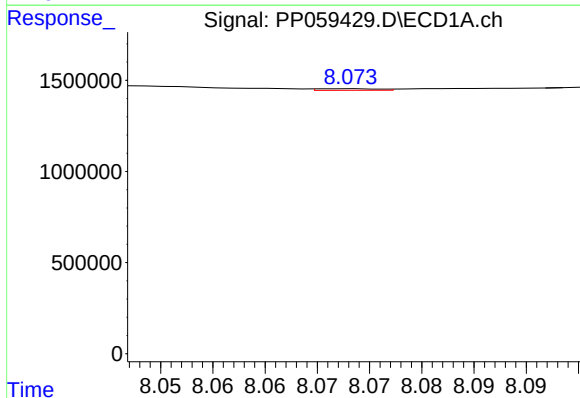
R.T.: 7.820 min
Delta R.T.: -0.006 min
Response: 264113
Conc: 6.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



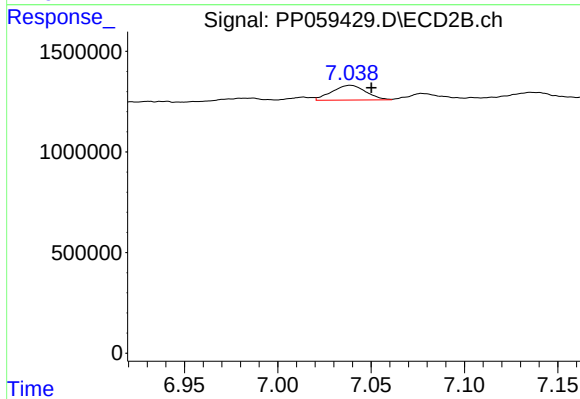
#33 AR-1260-3

R.T.: 6.567 min
Delta R.T.: -0.010 min
Response: 1120425
Conc: 10.07 ng/ml



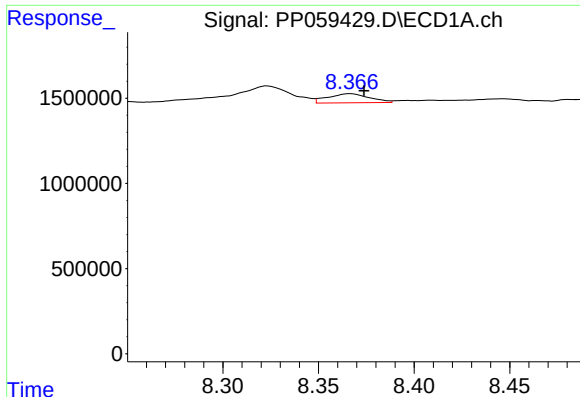
#34 AR-1260-4

R.T.: 8.073 min
Delta R.T.: 0.021 min
Response: 37293
Conc: 0.84 ng/ml



#34 AR-1260-4

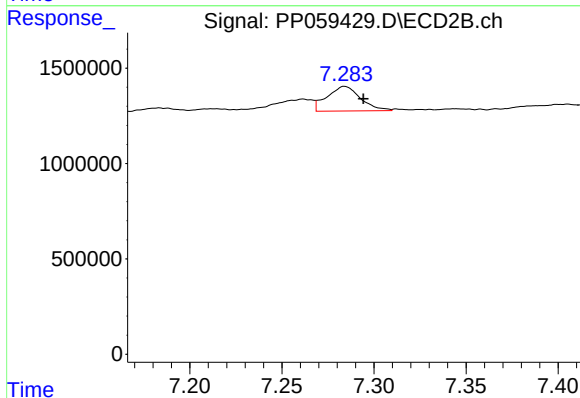
R.T.: 7.039 min
Delta R.T.: -0.011 min
Response: 926138
Conc: 10.68 ng/ml



#35 AR-1260-5

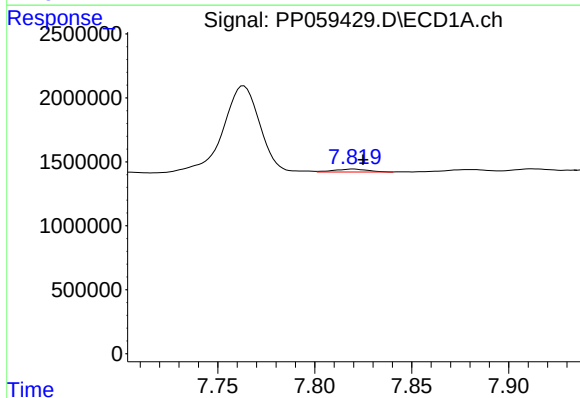
R.T.: 8.367 min
Delta R.T.: -0.007 min
Response: 804782
Conc: 10.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



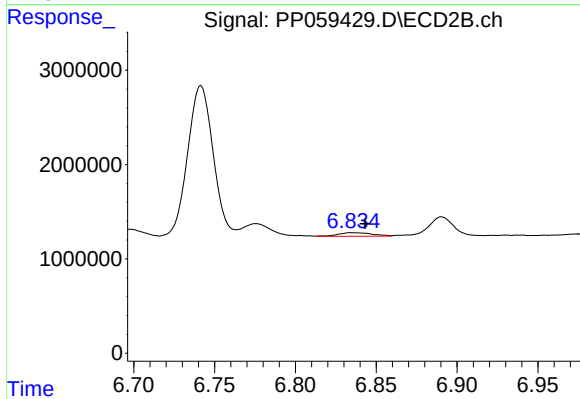
#35 AR-1260-5

R.T.: 7.284 min
Delta R.T.: -0.010 min
Response: 1631695
Conc: 8.85 ng/ml



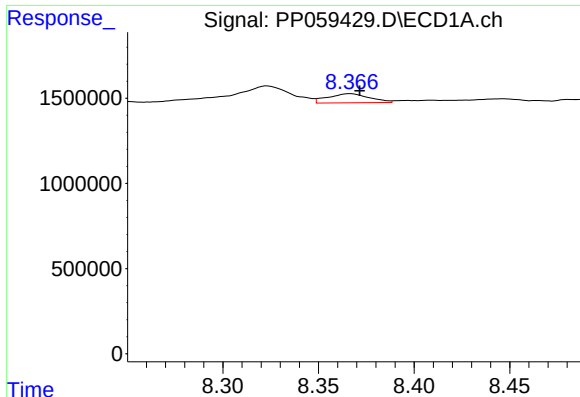
#36 AR-1262-1

R.T.: 7.820 min
Delta R.T.: -0.005 min
Response: 264113
Conc: 4.15 ng/ml



#36 AR-1262-1

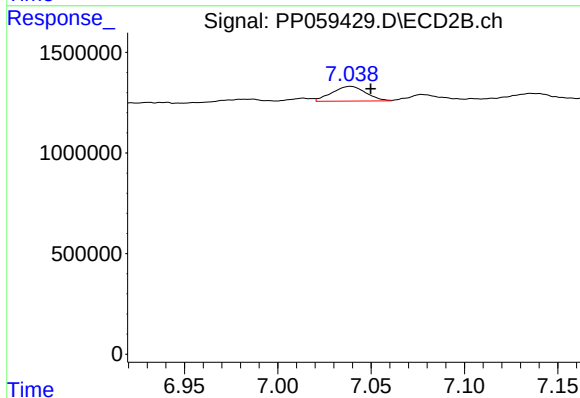
R.T.: 6.834 min
Delta R.T.: -0.009 min
Response: 553178
Conc: 9.61 ng/ml



#37 AR-1262-2

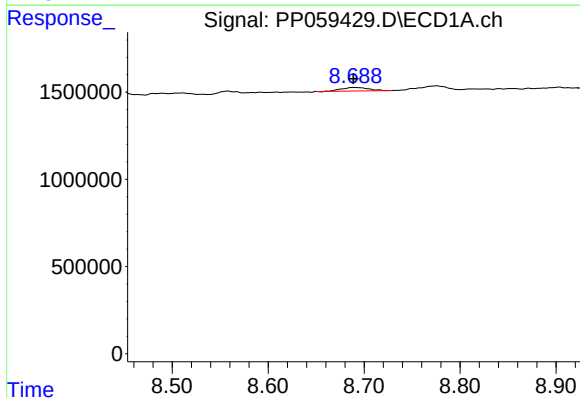
R.T.: 8.367 min
Delta R.T.: -0.005 min
Response: 804782
Conc: 8.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



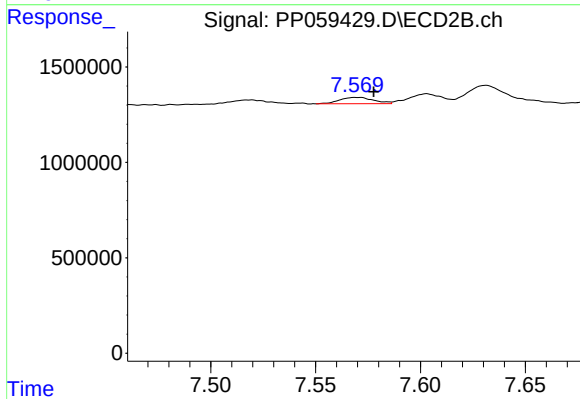
#37 AR-1262-2

R.T.: 7.039 min
Delta R.T.: -0.011 min
Response: 926138
Conc: 7.85 ng/ml



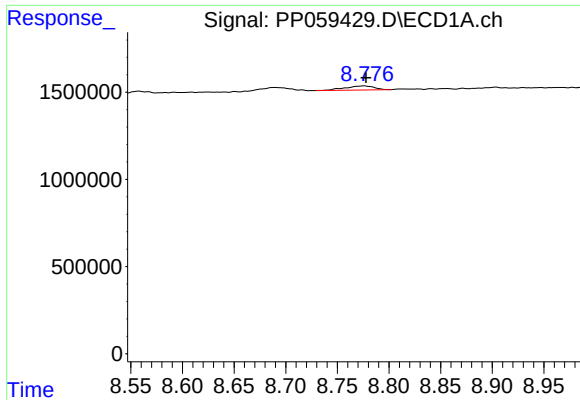
#38 AR-1262-3

R.T.: 8.689 min
Delta R.T.: 0.000 min
Response: 394964
Conc: 6.14 ng/ml



#38 AR-1262-3

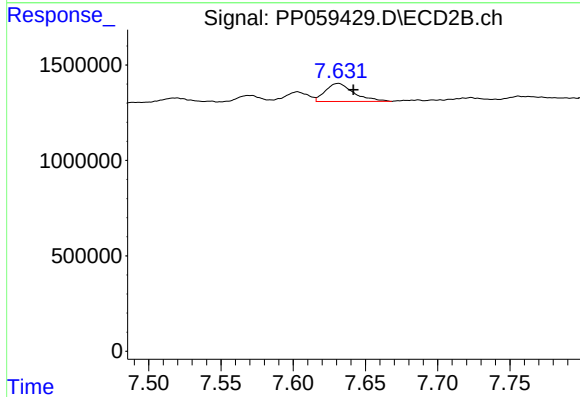
R.T.: 7.569 min
Delta R.T.: -0.009 min
Response: 376945
Conc: 4.43 ng/ml



#39 AR-1262-4

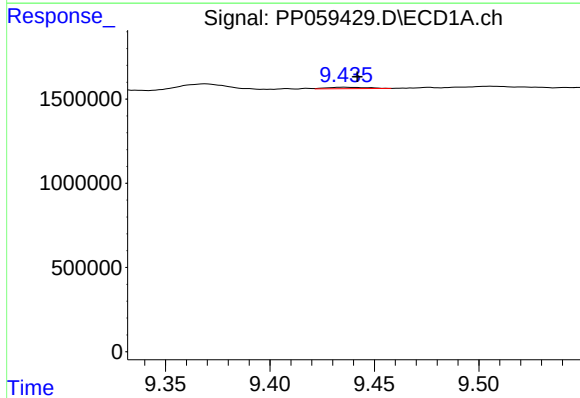
R.T.: 8.776 min
Delta R.T.: -0.001 min
Response: 463511
Conc: 13.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



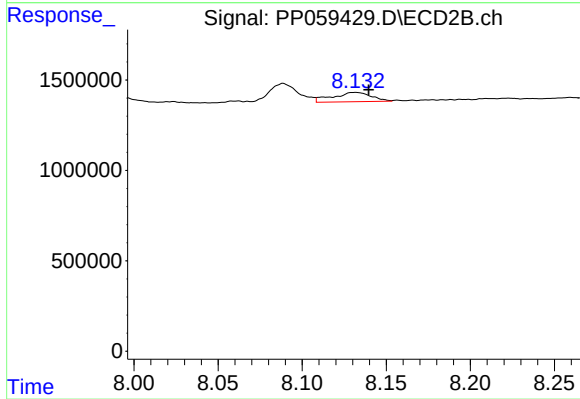
#39 AR-1262-4

R.T.: 7.631 min
Delta R.T.: -0.010 min
Response: 1304616
Conc: 8.64 ng/ml



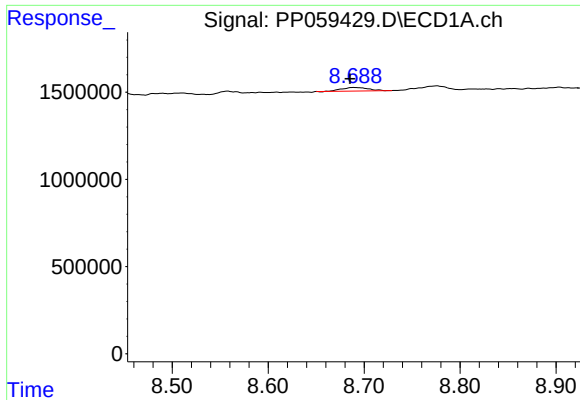
#40 AR-1262-5

R.T.: 9.436 min
Delta R.T.: -0.006 min
Response: 109296
Conc: 3.66 ng/ml



#40 AR-1262-5

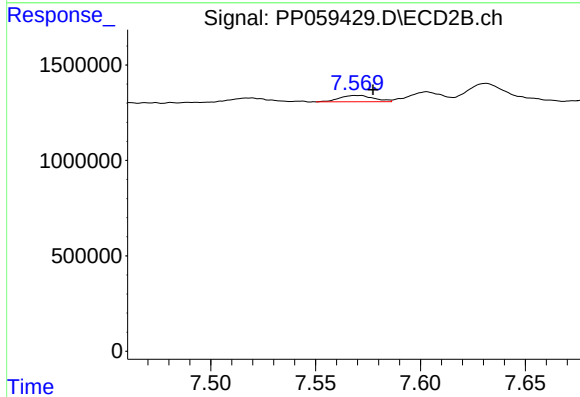
R.T.: 8.132 min
Delta R.T.: -0.007 min
Response: 831517
Conc: 13.04 ng/ml



#41 AR-1268-1

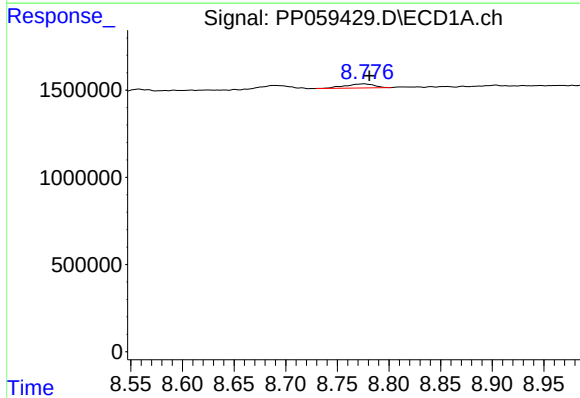
R.T.: 8.689 min
Delta R.T.: 0.004 min
Response: 394964
Conc: 3.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



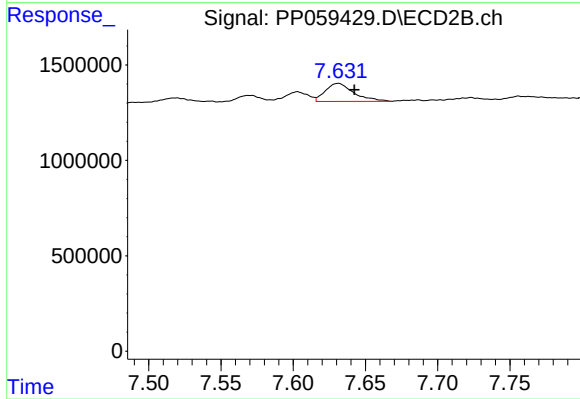
#41 AR-1268-1

R.T.: 7.569 min
Delta R.T.: -0.008 min
Response: 376945
Conc: 1.55 ng/ml



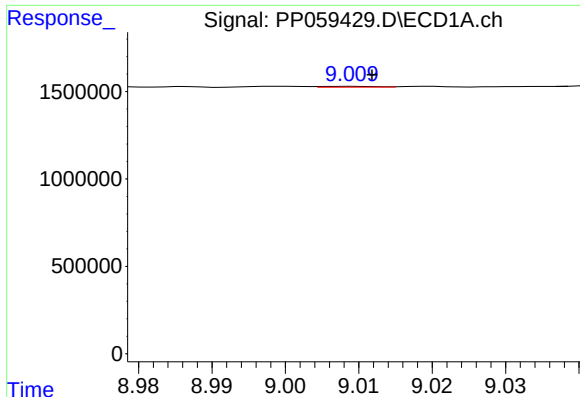
#42 AR-1268-2

R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 463511
Conc: 4.71 ng/ml



#42 AR-1268-2

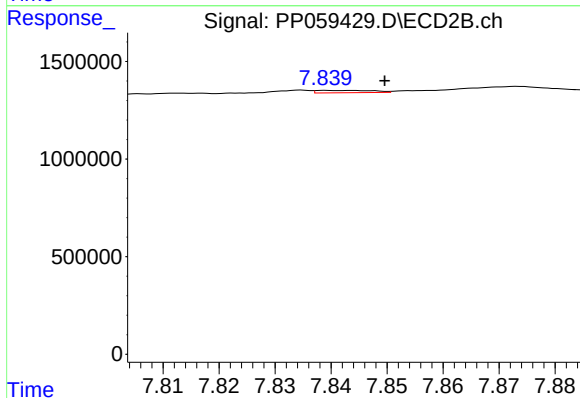
R.T.: 7.631 min
Delta R.T.: -0.011 min
Response: 1304616
Conc: 5.96 ng/ml



#43 AR-1268-3

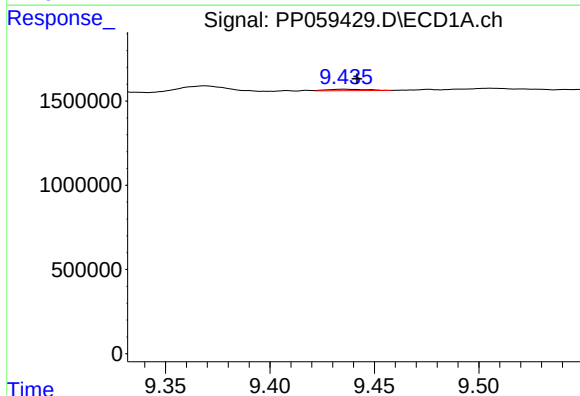
R.T.: 9.009 min
Delta R.T.: -0.002 min
Response: 24750
Conc: 0.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



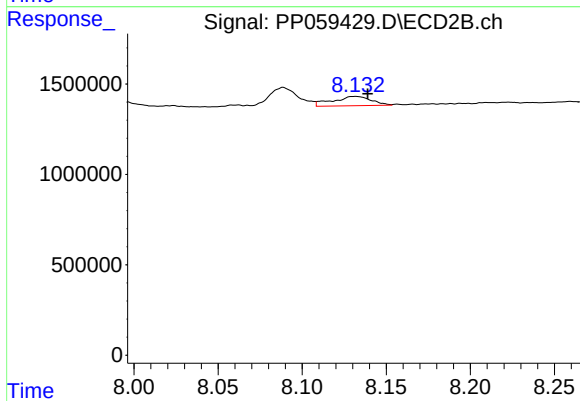
#43 AR-1268-3

R.T.: 7.839 min
Delta R.T.: -0.011 min
Response: 84320
Conc: 0.43 ng/ml



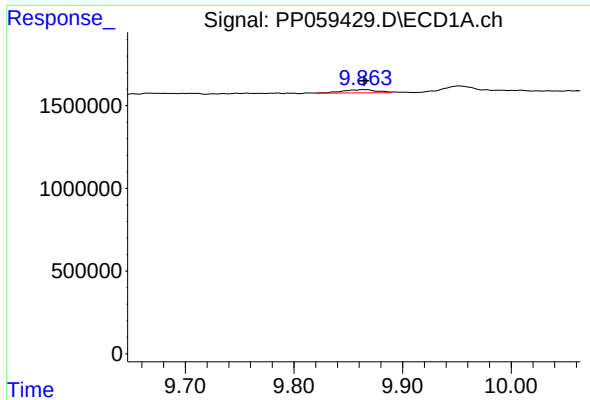
#44 AR-1268-4

R.T.: 9.436 min
Delta R.T.: -0.006 min
Response: 109296
Conc: 3.43 ng/ml



#44 AR-1268-4

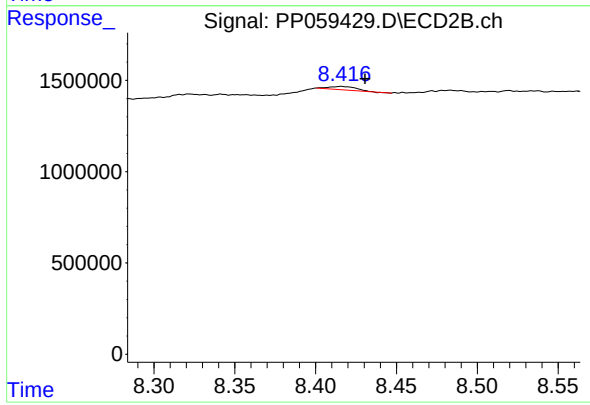
R.T.: 8.132 min
Delta R.T.: -0.007 min
Response: 831517
Conc: 11.95 ng/ml



#45 AR-1268-5

R.T.: 9.864 min
Delta R.T.: 0.000 min
Response: 428324
Conc: 1.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.416 min
Delta R.T.: -0.015 min
Response: 212636
Conc: 0.41 ng/ml