

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP042023\
 Data File : PP057099.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 02:00
 Operator : YP\AJ
 Sample : 02414-04 10X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 05:10:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 16:59:40 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...	4.403	3.631	3378534	2989752	1.527	1.770
2)	SA Decachlor...	10.219	8.687	3781956	2922073	2.357	1.633 #
Target Compounds							
3)	L1 AR-1016-1	5.607f	4.750f	793711	568545	12.652	10.009
4)	L1 AR-1016-2	5.607	4.750	793711	568545	8.698	7.095
5)	L1 AR-1016-3	5.649f	0.000	260519	0	4.517	N.D. #
6)	L1 AR-1016-4	5.757	4.971	160112	867258	3.523	22.349 #
7)	L1 AR-1016-5	6.057	5.188	515347	1307362	10.696	26.075 #
8)	L2 AR-1221-1	4.607	0.000	270377	0	10.128	N.D. #
9)	L2 AR-1221-2	4.716f	3.914f	351946	402287	18.084	25.016 #
10)	L2 AR-1221-3	4.782	4.026f	479807	520602	8.182	10.591 #
11)	L3 AR-1232-1	4.782	4.026f	479807	520602	9.897	12.961 #
12)	L3 AR-1232-2	5.318	4.750	160451	568545	6.460	15.717 #
13)	L3 AR-1232-3	5.607	0.000	793711	0	19.082	N.D. #
14)	L3 AR-1232-4	5.757	5.022	160112	2019014	7.751	101.896 #
15)	L3 AR-1232-5	5.862	5.188	703140	1307362	37.192	58.911 #
16)	L4 AR-1242-1	5.607f	4.750f	793711	568545	15.507	12.150
17)	L4 AR-1242-2	5.607	4.750	793711	568545	10.597	8.753
18)	L4 AR-1242-3	5.649	0.000	260519	0	5.531	N.D. #
19)	L4 AR-1242-4	5.757	5.022	160112	2019014	4.292	50.778 #
20)	L4 AR-1242-5	6.506	0.000	775899	0	23.035	N.D. #
21)	L5 AR-1248-1	5.607f	4.750f	793711	568545	20.645	16.119
22)	L5 AR-1248-2	5.862	4.971	703140	867258	11.158	15.623 #
23)	L5 AR-1248-3	6.057	5.022	515347	2019014	7.720	34.872 #
24)	L5 AR-1248-4	6.455	5.188	1750444	1307362	29.573	19.256 #
25)	L5 AR-1248-5	6.506	5.575	775899	2862580	13.365	49.262 #
26)	L6 AR-1254-1	6.455f	0.000	1750444	0	23.178	N.D. #
27)	L6 AR-1254-2	6.631f	5.673	1125461	1157688	10.377	12.956
28)	L6 AR-1254-3	7.025	6.081	1609786	564448	15.551	4.029 #
29)	L6 AR-1254-4	7.330f	6.319	199680	466051	3.214	6.186 #
30)	L6 AR-1254-5	7.733	6.743	85377	879329	1.185	7.143 #
31)	L7 AR-1260-1	7.191	6.219	403408	620308	4.632	6.121 #
32)	L7 AR-1260-2	7.429f	6.396	256532	333083	2.793	2.866
33)	L7 AR-1260-3	7.820	6.562	146766	331361	2.022	2.995 #
34)	L7 AR-1260-4	8.034	7.042	141240	94382	1.681	1.030 #
35)	L7 AR-1260-5	8.361	7.279	552808	48846	3.852	0.271 #
36)	L8 AR-1262-1	7.820	6.817f	146766	417475	1.454	7.314 #
37)	L8 AR-1262-2	8.361	7.042	552808	94382	3.780	0.812 #
38)	L8 AR-1262-3	8.693	7.558	56115	372344	0.523	4.109 #
39)	L8 AR-1262-4	8.770	7.636	118800	157053	1.421	0.999 #
40)	L8 AR-1262-5	9.444	0.000	155213	0	3.239	N.D. #
41)	L9 AR-1268-1	8.693	7.558	56115	372344	0.266	1.340 #

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 Sample : 02414-04 10X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_P
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 05:10:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP042023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 16:59:40 2023
 Response via : Initial Calibration
 Integrator: ChemStation

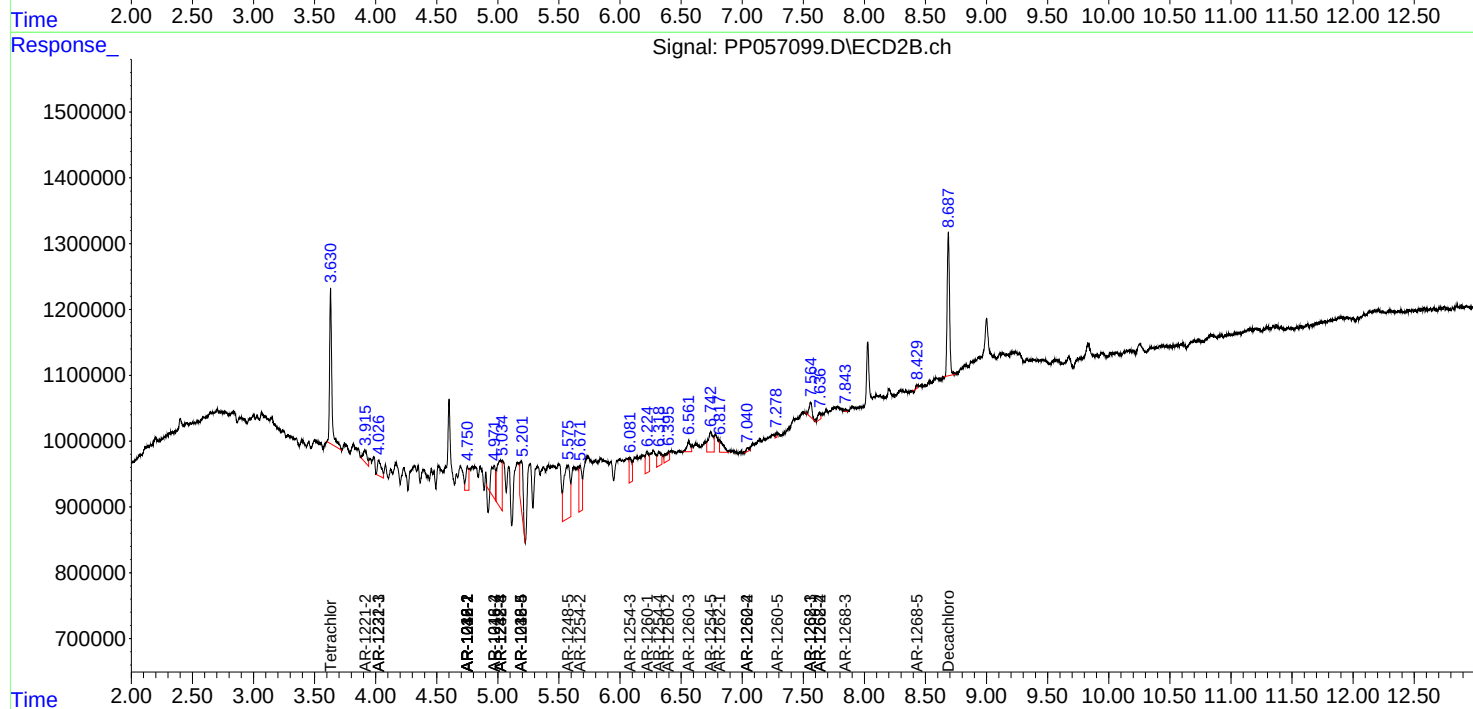
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

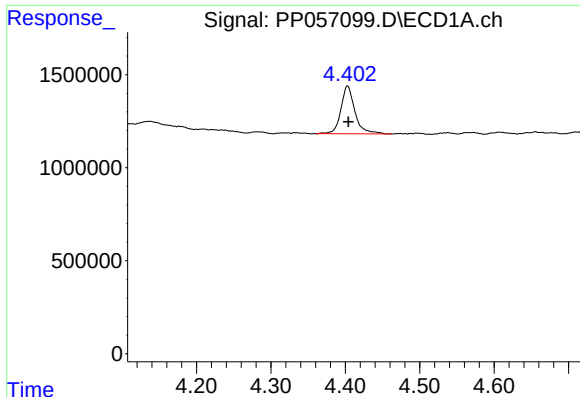
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.770	7.636	118800	157053	0.663	0.630
43) L9	AR-1268-3	8.995f	7.843	25711	29110	0.146	0.132
44) L9	AR-1268-4	9.444	0.000	155213	0	2.737	N.D. #
45) L9	AR-1268-5	0.000	8.428	0	14431	N.D.	0.024 #

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

Instrument :
ECD_P
ClientSampleId :

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

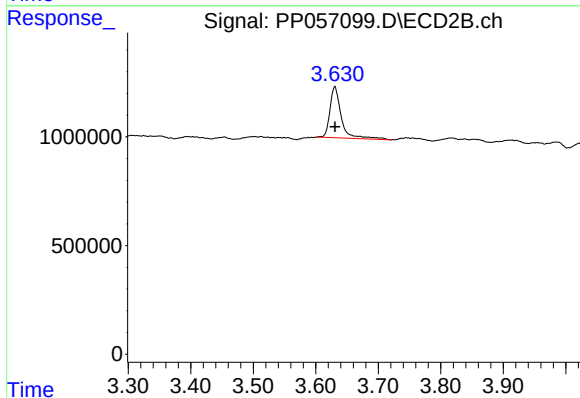




#1 Tetrachloro-m-xylene

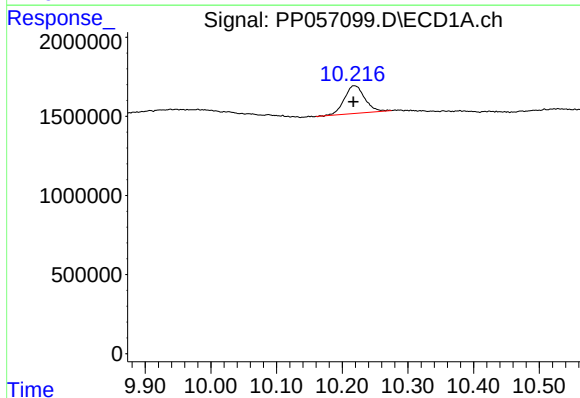
R.T.: 4.403 min
Delta R.T.: -0.001 min
Response: 3378534
Conc: 1.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



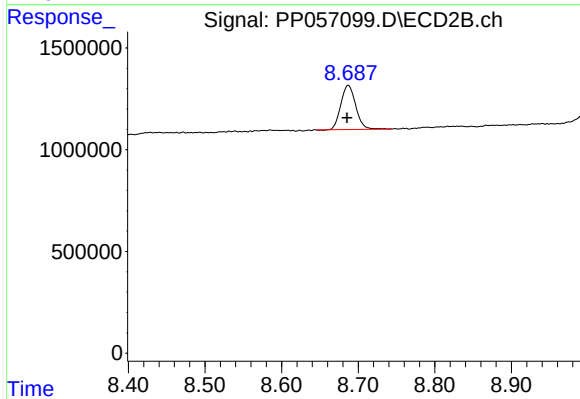
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 2989752
Conc: 1.77 ng/ml



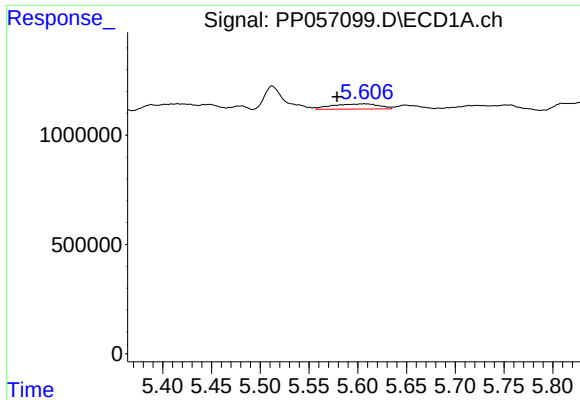
#2 Decachlorobiphenyl

R.T.: 10.219 min
Delta R.T.: 0.001 min
Response: 3781956
Conc: 2.36 ng/ml



#2 Decachlorobiphenyl

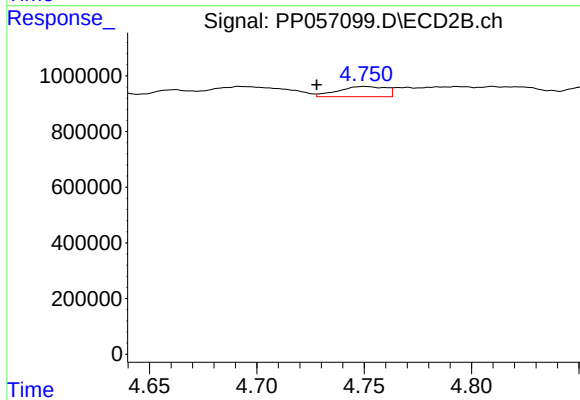
R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 2922073
Conc: 1.63 ng/ml



#3 AR-1016-1

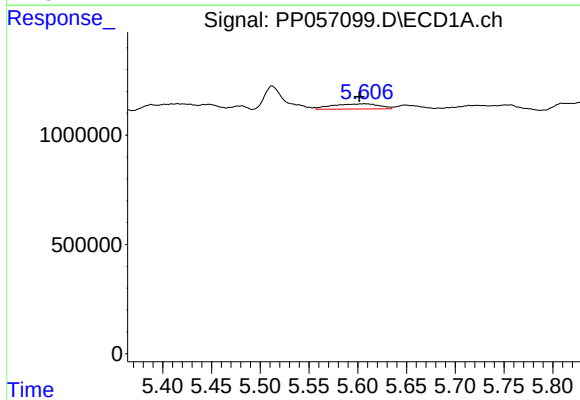
R.T.: 5.607 min
Delta R.T.: 0.029 min
Response: 793711
Conc: 12.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



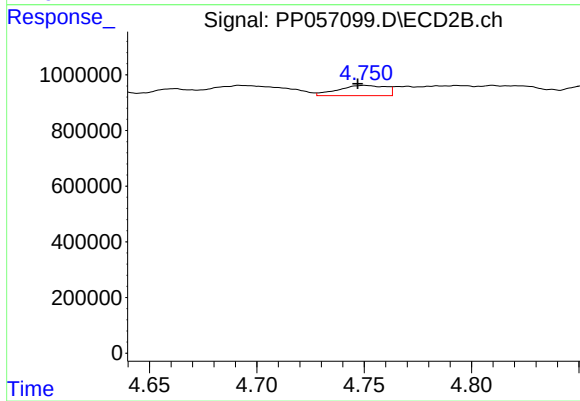
#3 AR-1016-1

R.T.: 4.750 min
Delta R.T.: 0.022 min
Response: 568545
Conc: 10.01 ng/ml



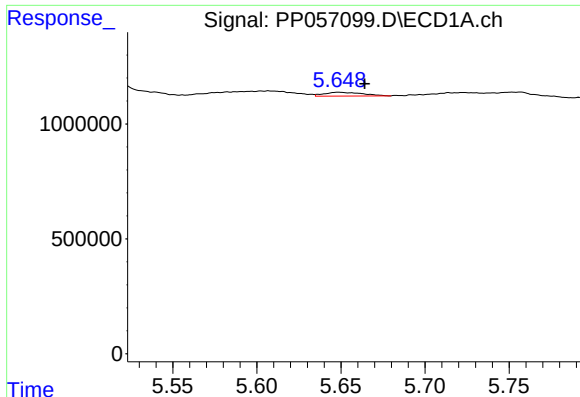
#4 AR-1016-2

R.T.: 5.607 min
Delta R.T.: 0.006 min
Response: 793711
Conc: 8.70 ng/ml



#4 AR-1016-2

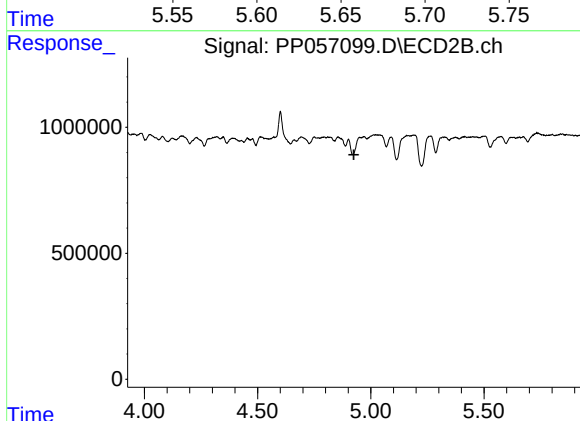
R.T.: 4.750 min
Delta R.T.: 0.003 min
Response: 568545
Conc: 7.10 ng/ml



#5 AR-1016-3

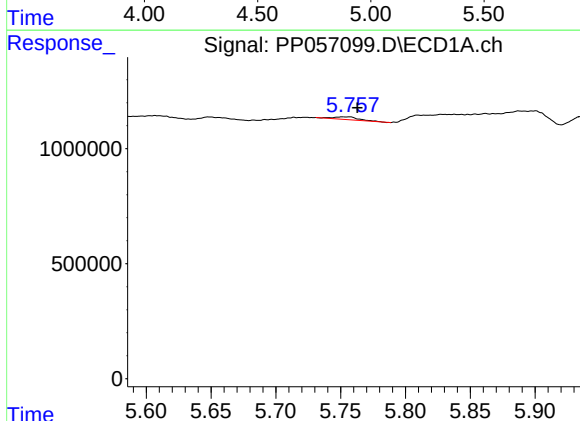
R.T.: 5.649 min
Delta R.T.: -0.015 min
Response: 260519
Conc: 4.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



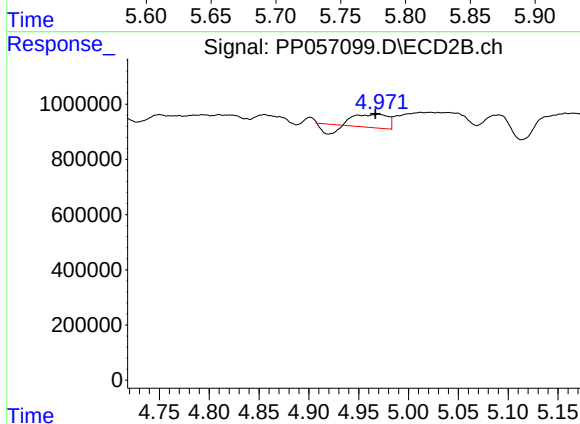
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.925 min
Response: 0
Conc: N.D.



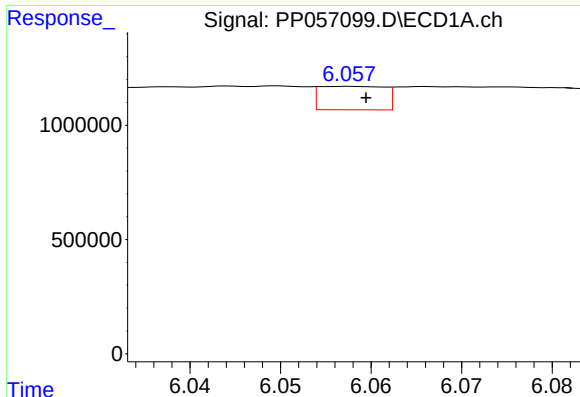
#6 AR-1016-4

R.T.: 5.757 min
Delta R.T.: -0.006 min
Response: 160112
Conc: 3.52 ng/ml



#6 AR-1016-4

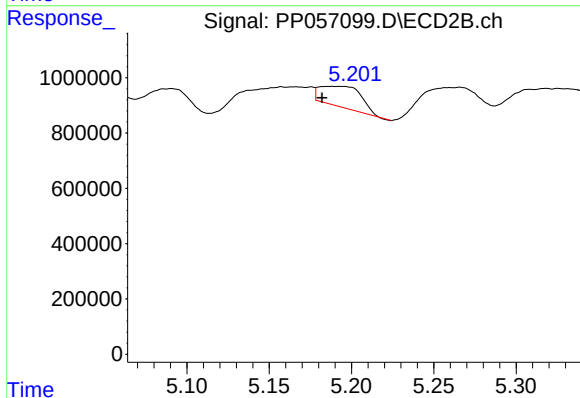
R.T.: 4.971 min
Delta R.T.: 0.004 min
Response: 867258
Conc: 22.35 ng/ml



#7 AR-1016-5

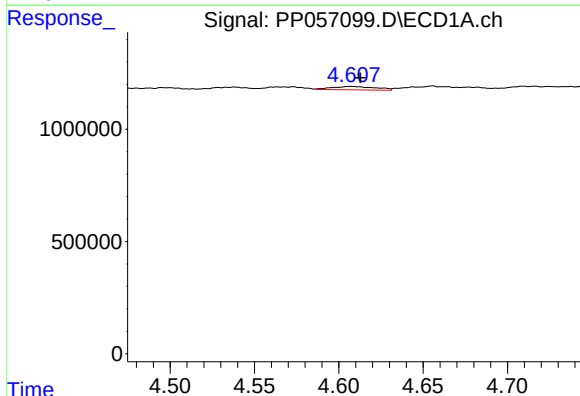
R.T.: 6.057 min
Delta R.T.: -0.002 min
Response: 515347
Conc: 10.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



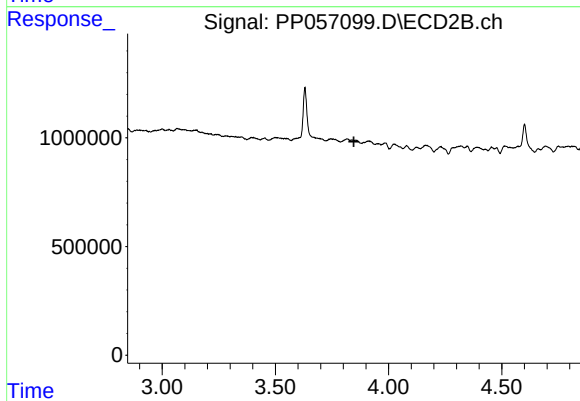
#7 AR-1016-5

R.T.: 5.188 min
Delta R.T.: 0.006 min
Response: 1307362
Conc: 26.07 ng/ml



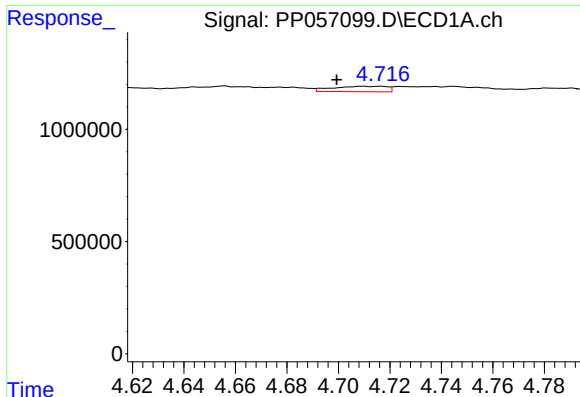
#8 AR-1221-1

R.T.: 4.607 min
Delta R.T.: -0.006 min
Response: 270377
Conc: 10.13 ng/ml



#8 AR-1221-1

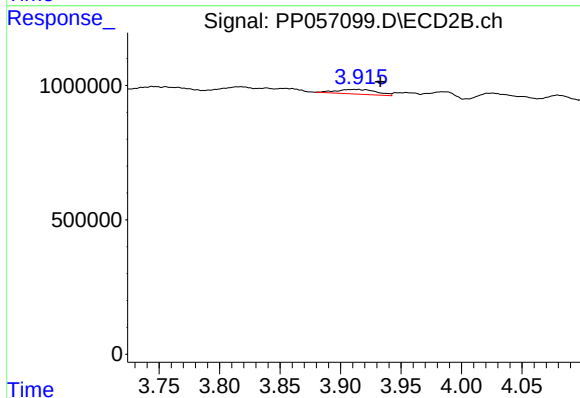
R.T.: 0.000 min
Exp R.T.: 3.847 min
Response: 0
Conc: N.D.



#9 AR-1221-2

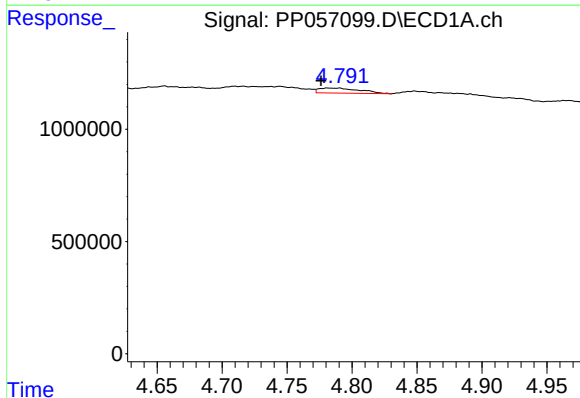
R.T.: 4.716 min
Delta R.T.: 0.017 min
Response: 351946
Conc: 18.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



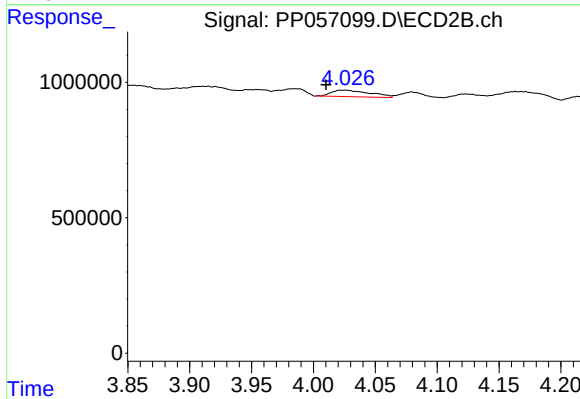
#9 AR-1221-2

R.T.: 3.914 min
Delta R.T.: -0.019 min
Response: 402287
Conc: 25.02 ng/ml



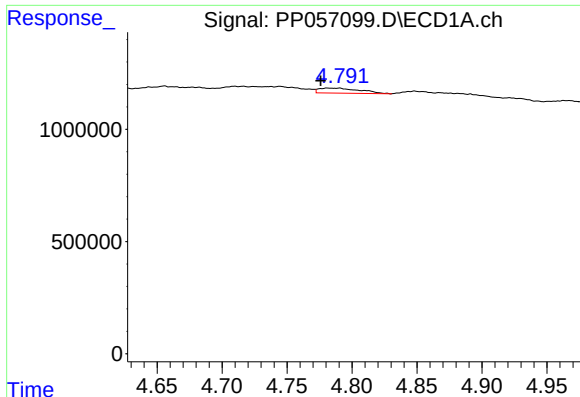
#10 AR-1221-3

R.T.: 4.782 min
Delta R.T.: 0.006 min
Response: 479807
Conc: 8.18 ng/ml



#10 AR-1221-3

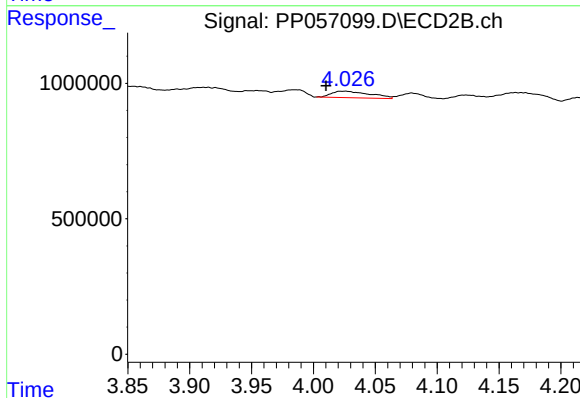
R.T.: 4.026 min
Delta R.T.: 0.015 min
Response: 520602
Conc: 10.59 ng/ml



#11 AR-1232-1

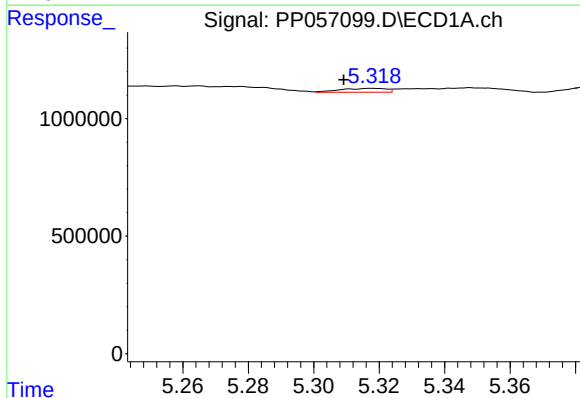
R.T.: 4.782 min
Delta R.T.: 0.006 min
Response: 479807
Conc: 9.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



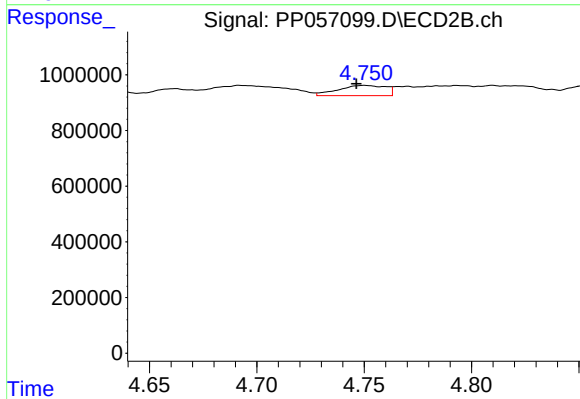
#11 AR-1232-1

R.T.: 4.026 min
Delta R.T.: 0.015 min
Response: 520602
Conc: 12.96 ng/ml



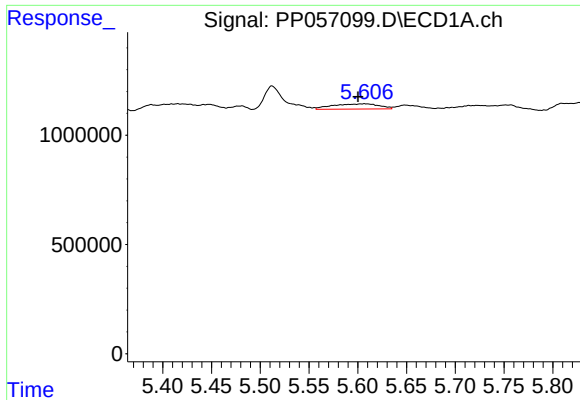
#12 AR-1232-2

R.T.: 5.318 min
Delta R.T.: 0.009 min
Response: 160451
Conc: 6.46 ng/ml



#12 AR-1232-2

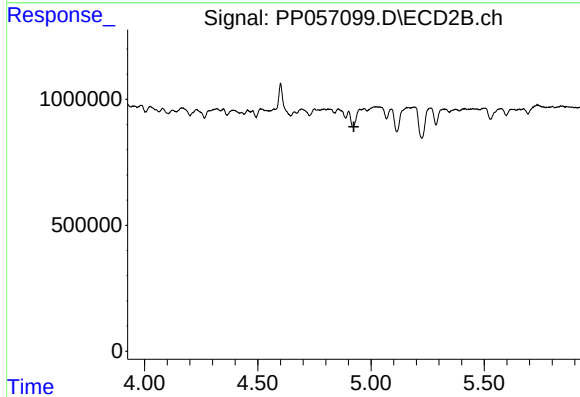
R.T.: 4.750 min
Delta R.T.: 0.004 min
Response: 568545
Conc: 15.72 ng/ml



#13 AR-1232-3

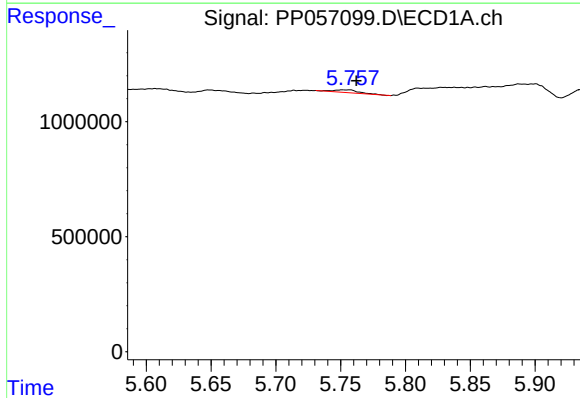
R.T.: 5.607 min
Delta R.T.: 0.007 min
Response: 793711
Conc: 19.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



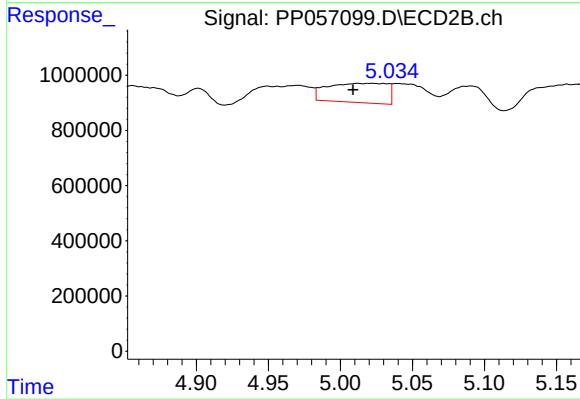
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.925 min
Response: 0
Conc: N.D.



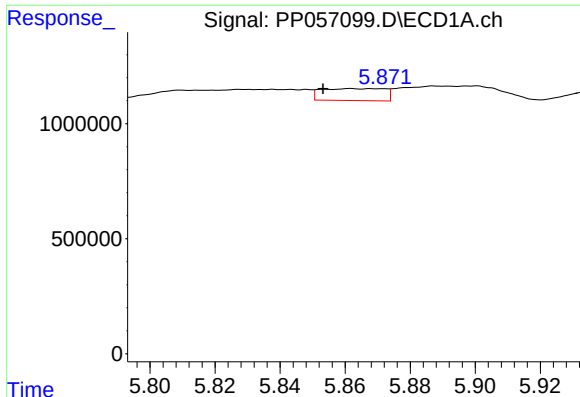
#14 AR-1232-4

R.T.: 5.757 min
Delta R.T.: -0.005 min
Response: 160112
Conc: 7.75 ng/ml



#14 AR-1232-4

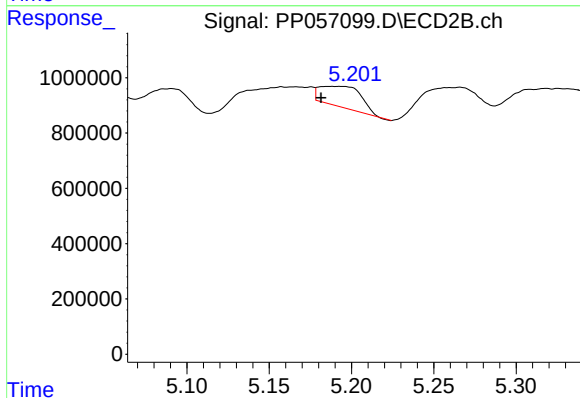
R.T.: 5.022 min
Delta R.T.: 0.013 min
Response: 2019014
Conc: 101.90 ng/ml



#15 AR-1232-5

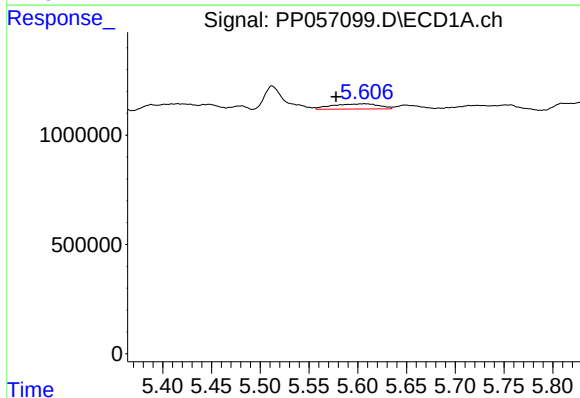
R.T.: 5.862 min
Delta R.T.: 0.009 min
Response: 703140
Conc: 37.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



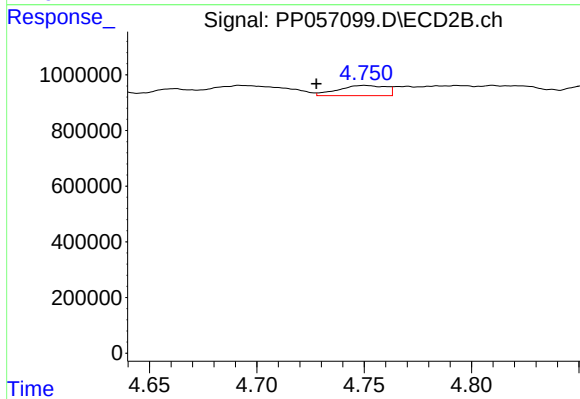
#15 AR-1232-5

R.T.: 5.188 min
Delta R.T.: 0.007 min
Response: 1307362
Conc: 58.91 ng/ml



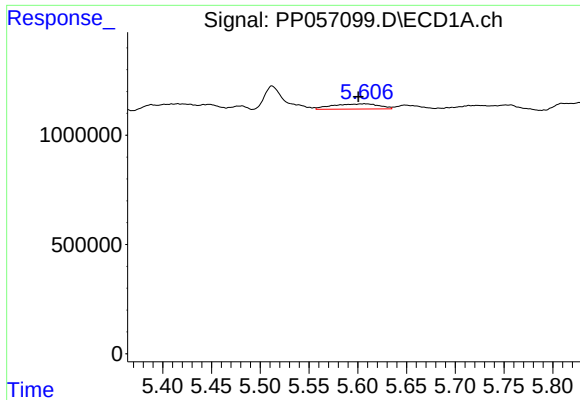
#16 AR-1242-1

R.T.: 5.607 min
Delta R.T.: 0.029 min
Response: 793711
Conc: 15.51 ng/ml



#16 AR-1242-1

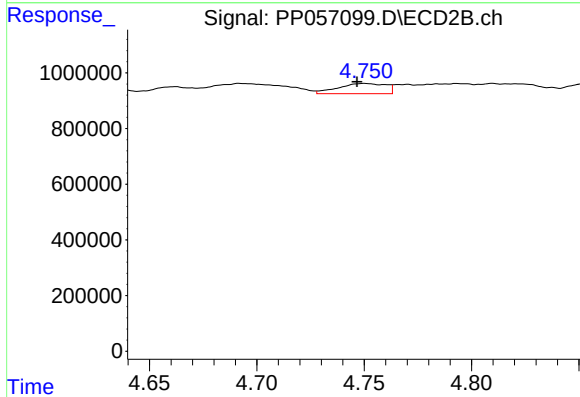
R.T.: 4.750 min
Delta R.T.: 0.022 min
Response: 568545
Conc: 12.15 ng/ml



#17 AR-1242-2

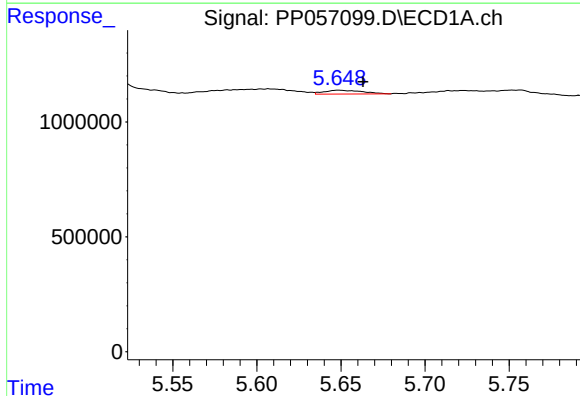
R.T.: 5.607 min
Delta R.T.: 0.007 min
Response: 793711
Conc: 10.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



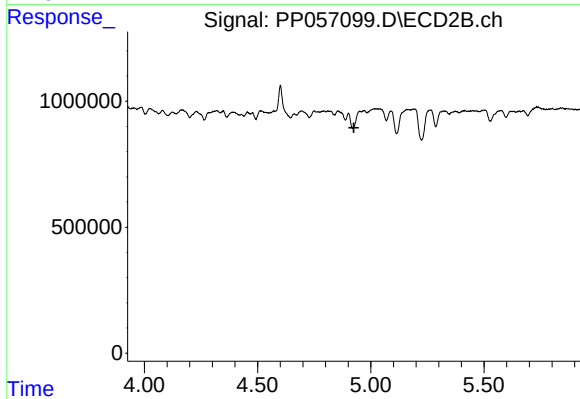
#17 AR-1242-2

R.T.: 4.750 min
Delta R.T.: 0.004 min
Response: 568545
Conc: 8.75 ng/ml



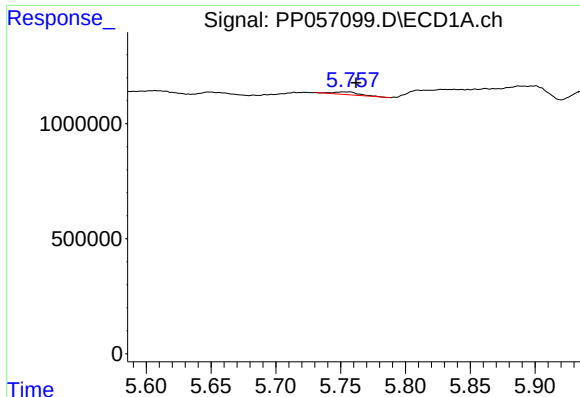
#18 AR-1242-3

R.T.: 5.649 min
Delta R.T.: -0.014 min
Response: 260519
Conc: 5.53 ng/ml



#18 AR-1242-3

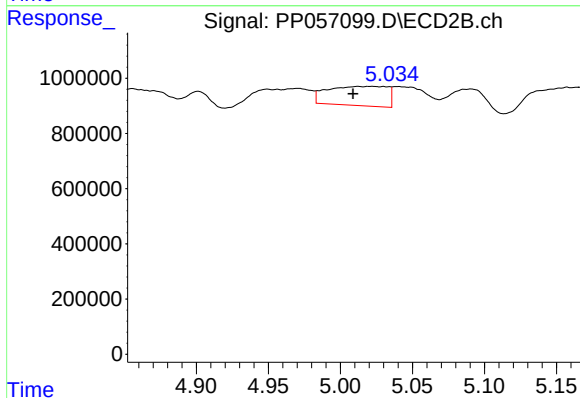
R.T.: 0.000 min
Exp R.T.: 4.925 min
Response: 0
Conc: N.D.



#19 AR-1242-4

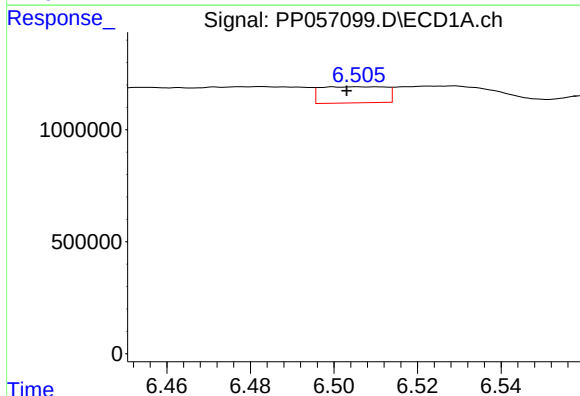
R.T.: 5.757 min
Delta R.T.: -0.005 min
Response: 160112
Conc: 4.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



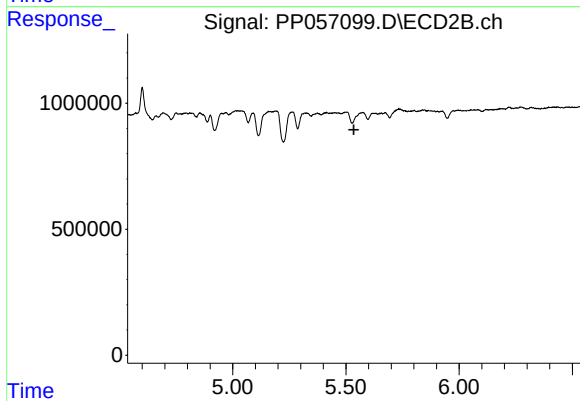
#19 AR-1242-4

R.T.: 5.022 min
Delta R.T.: 0.013 min
Response: 2019014
Conc: 50.78 ng/ml



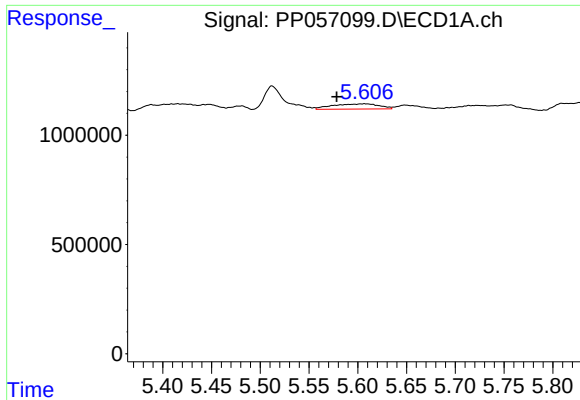
#20 AR-1242-5

R.T.: 6.506 min
Delta R.T.: 0.003 min
Response: 775899
Conc: 23.04 ng/ml



#20 AR-1242-5

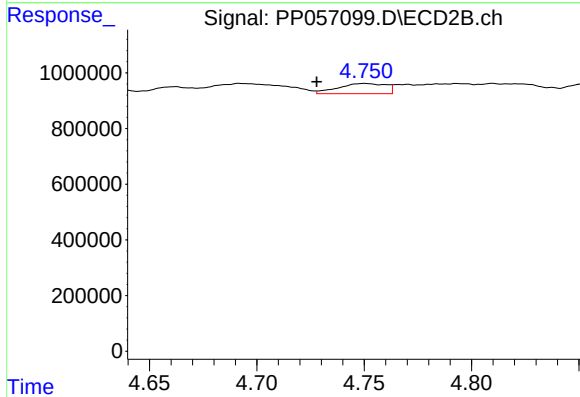
R.T.: 0.000 min
Exp R.T.: 5.535 min
Response: 0
Conc: N.D.



#21 AR-1248-1

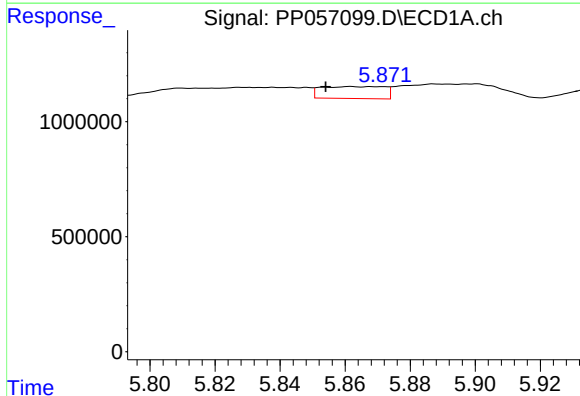
R.T.: 5.607 min
Delta R.T.: 0.029 min
Response: 793711
Conc: 20.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



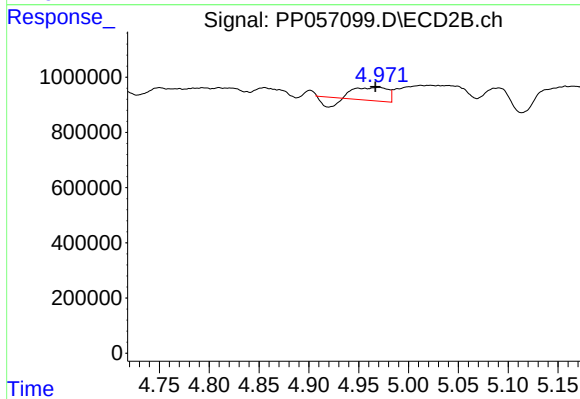
#21 AR-1248-1

R.T.: 4.750 min
Delta R.T.: 0.022 min
Response: 568545
Conc: 16.12 ng/ml



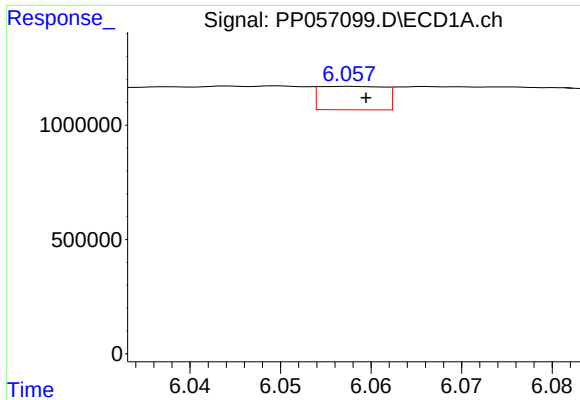
#22 AR-1248-2

R.T.: 5.862 min
Delta R.T.: 0.008 min
Response: 703140
Conc: 11.16 ng/ml



#22 AR-1248-2

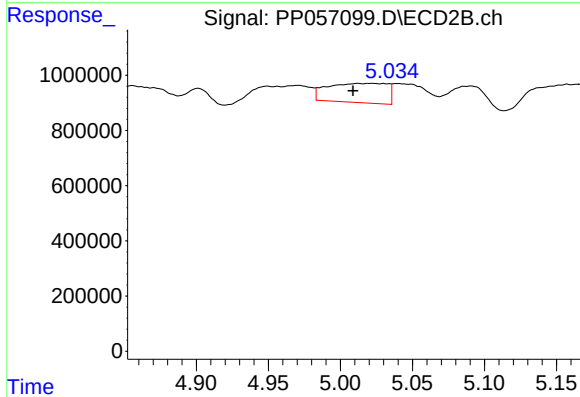
R.T.: 4.971 min
Delta R.T.: 0.004 min
Response: 867258
Conc: 15.62 ng/ml



#23 AR-1248-3

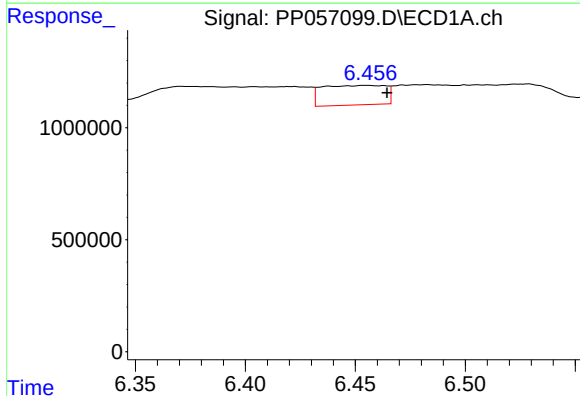
R.T.: 6.057 min
Delta R.T.: -0.002 min
Response: 515347
Conc: 7.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



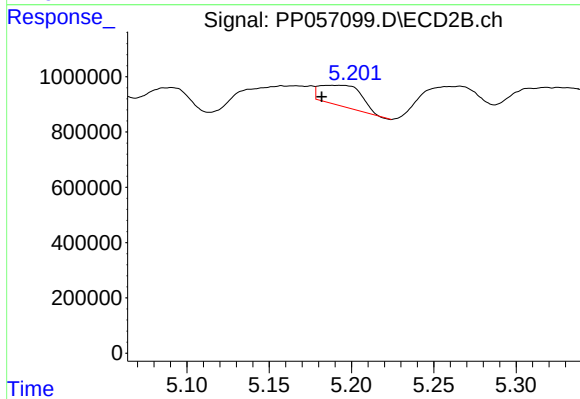
#23 AR-1248-3

R.T.: 5.022 min
Delta R.T.: 0.013 min
Response: 2019014
Conc: 34.87 ng/ml



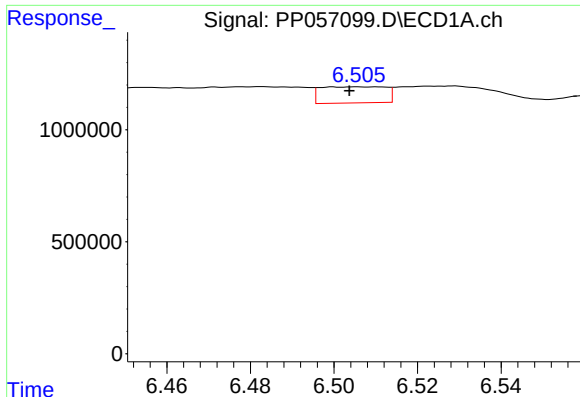
#24 AR-1248-4

R.T.: 6.455 min
Delta R.T.: -0.009 min
Response: 1750444
Conc: 29.57 ng/ml



#24 AR-1248-4

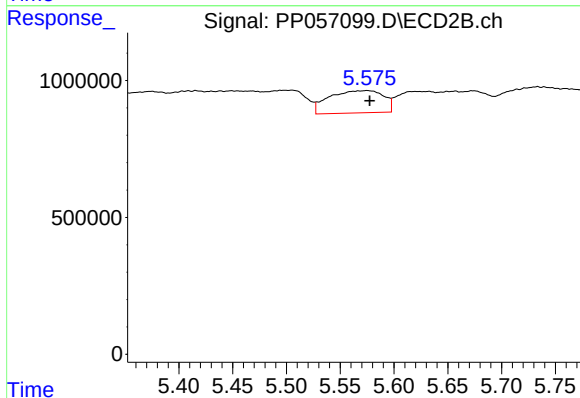
R.T.: 5.188 min
Delta R.T.: 0.006 min
Response: 1307362
Conc: 19.26 ng/ml



#25 AR-1248-5

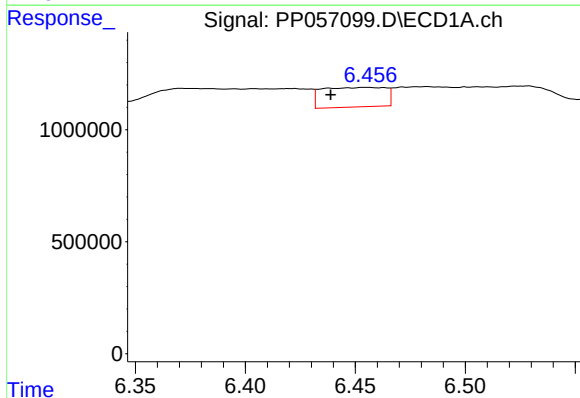
R.T.: 6.506 min
Delta R.T.: 0.002 min
Response: 775899
Conc: 13.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



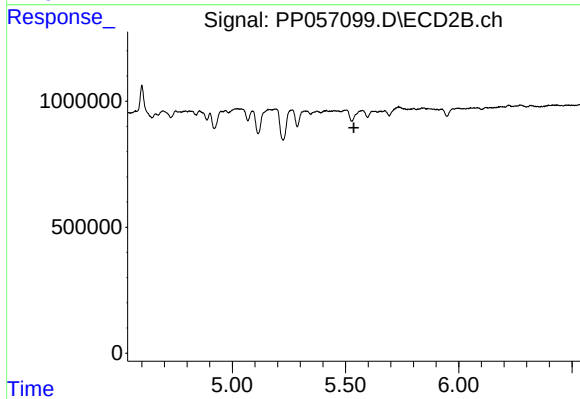
#25 AR-1248-5

R.T.: 5.575 min
Delta R.T.: -0.003 min
Response: 2862580
Conc: 49.26 ng/ml



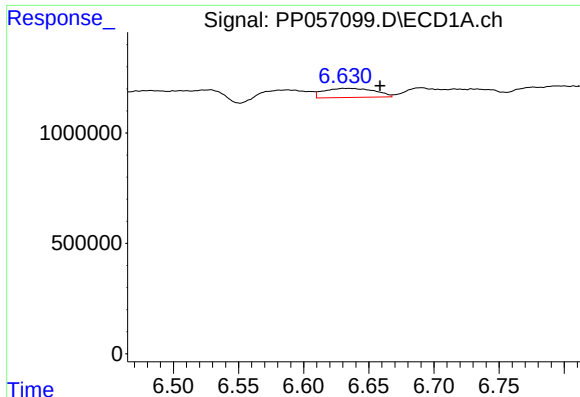
#26 AR-1254-1

R.T.: 6.455 min
Delta R.T.: 0.016 min
Response: 1750444
Conc: 23.18 ng/ml



#26 AR-1254-1

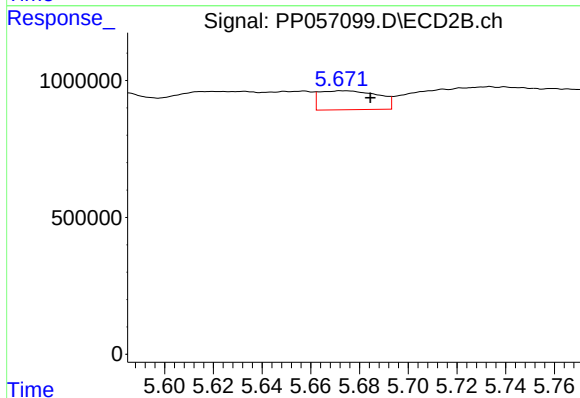
R.T.: 0.000 min
Exp R.T.: 5.537 min
Response: 0
Conc: N.D.



#27 AR-1254-2

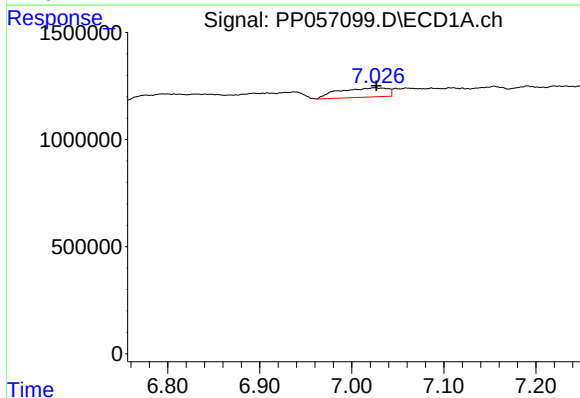
R.T.: 6.631 min
Delta R.T.: -0.028 min
Response: 1125461
Conc: 10.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



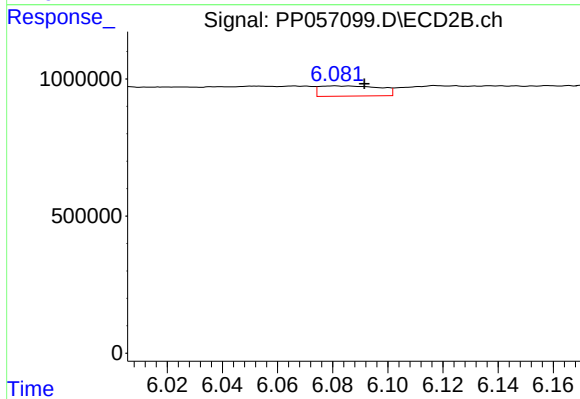
#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: -0.011 min
Response: 1157688
Conc: 12.96 ng/ml



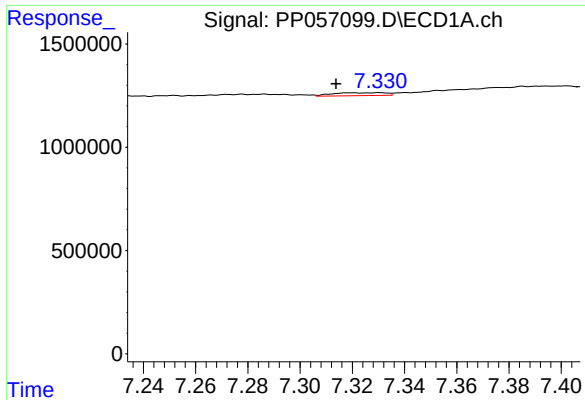
#28 AR-1254-3

R.T.: 7.025 min
Delta R.T.: -0.002 min
Response: 1609786
Conc: 15.55 ng/ml



#28 AR-1254-3

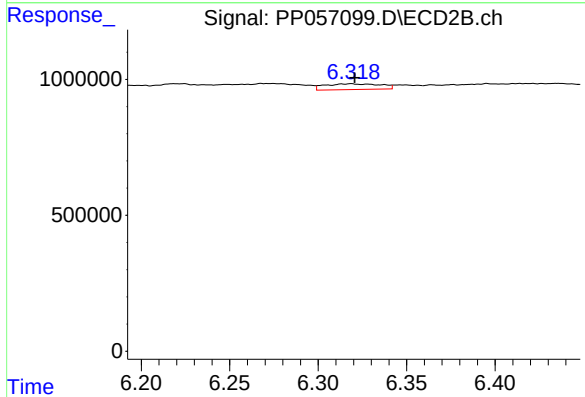
R.T.: 6.081 min
Delta R.T.: -0.011 min
Response: 564448
Conc: 4.03 ng/ml



#29 AR-1254-4

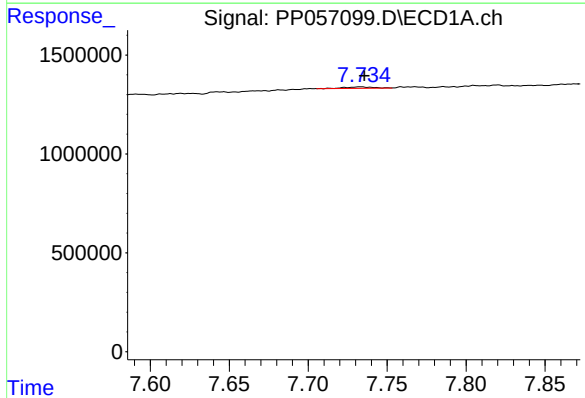
R.T.: 7.330 min
Delta R.T.: 0.016 min
Response: 199680
Conc: 3.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



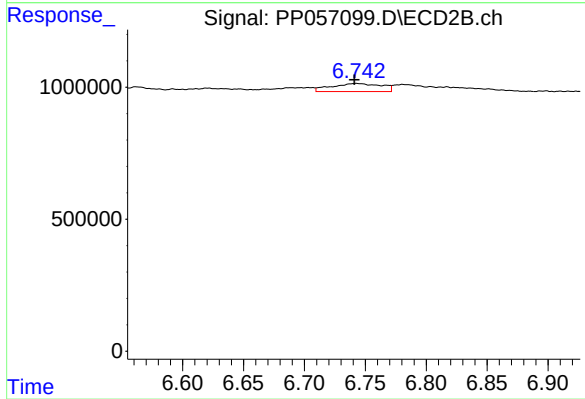
#29 AR-1254-4

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 466051
Conc: 6.19 ng/ml



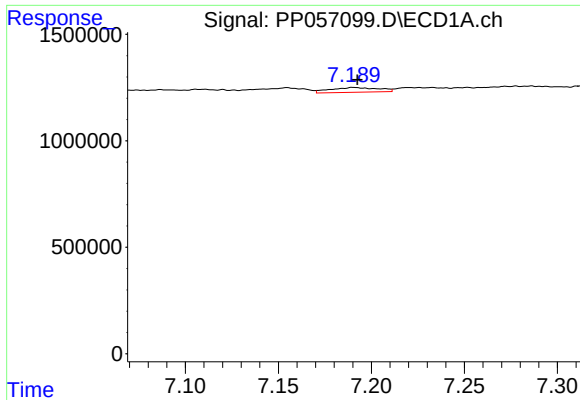
#30 AR-1254-5

R.T.: 7.733 min
Delta R.T.: -0.002 min
Response: 85377
Conc: 1.19 ng/ml



#30 AR-1254-5

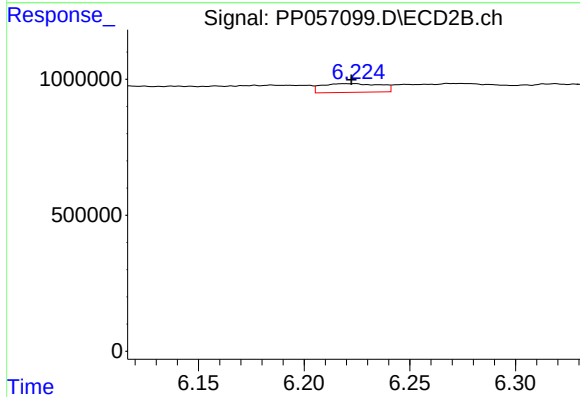
R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 879329
Conc: 7.14 ng/ml



#31 AR-1260-1

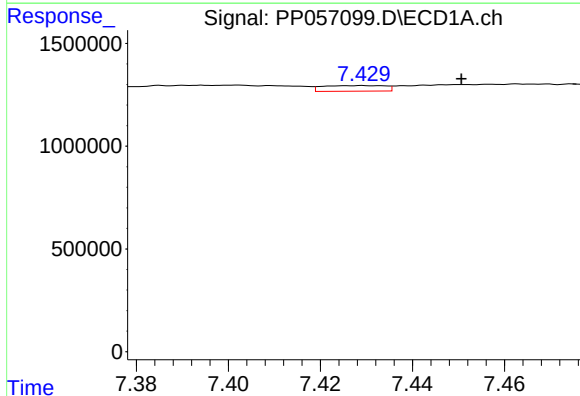
R.T.: 7.191 min
Delta R.T.: -0.002 min
Response: 403408
Conc: 4.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



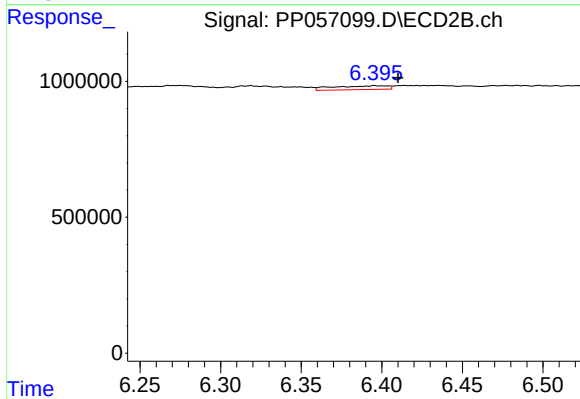
#31 AR-1260-1

R.T.: 6.219 min
Delta R.T.: -0.003 min
Response: 620308
Conc: 6.12 ng/ml



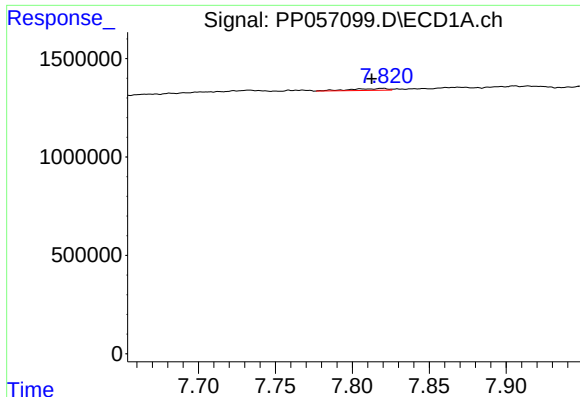
#32 AR-1260-2

R.T.: 7.429 min
Delta R.T.: -0.022 min
Response: 256532
Conc: 2.79 ng/ml



#32 AR-1260-2

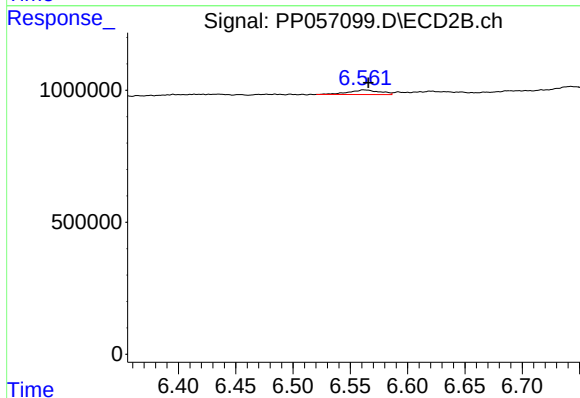
R.T.: 6.396 min
Delta R.T.: -0.015 min
Response: 333083
Conc: 2.87 ng/ml



#33 AR-1260-3

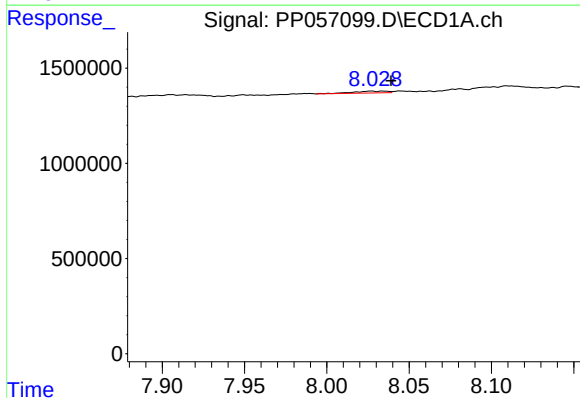
R.T.: 7.820 min
Delta R.T.: 0.007 min
Response: 146766
Conc: 2.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



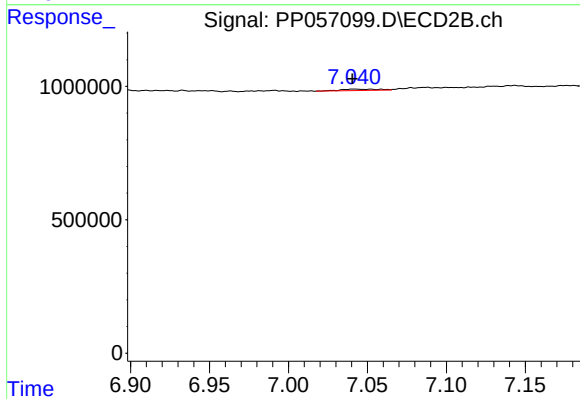
#33 AR-1260-3

R.T.: 6.562 min
Delta R.T.: -0.004 min
Response: 331361
Conc: 3.00 ng/ml



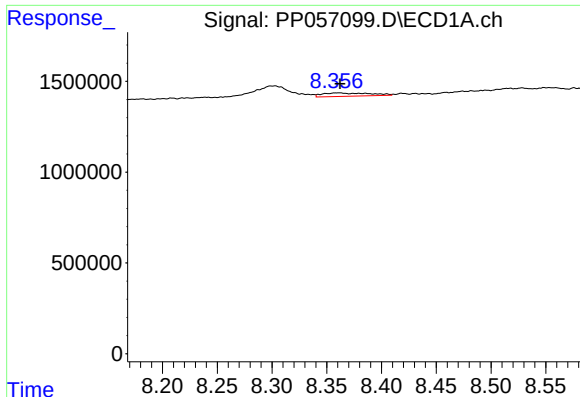
#34 AR-1260-4

R.T.: 8.034 min
Delta R.T.: -0.005 min
Response: 141240
Conc: 1.68 ng/ml



#34 AR-1260-4

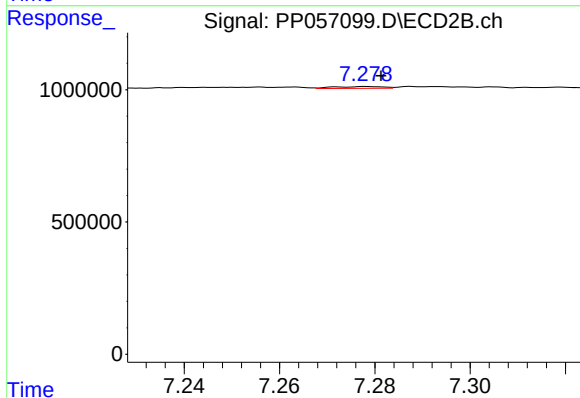
R.T.: 7.042 min
Delta R.T.: 0.001 min
Response: 94382
Conc: 1.03 ng/ml



#35 AR-1260-5

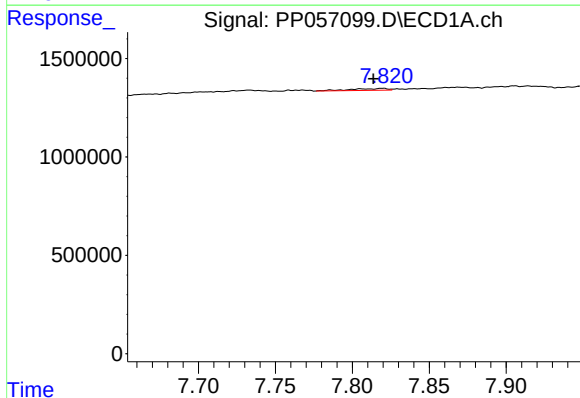
R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 552808
Conc: 3.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



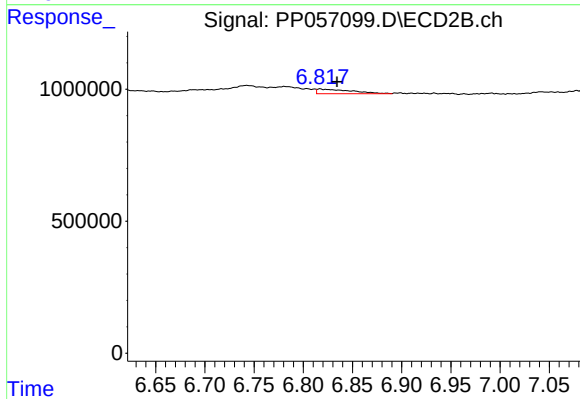
#35 AR-1260-5

R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 48846
Conc: 0.27 ng/ml



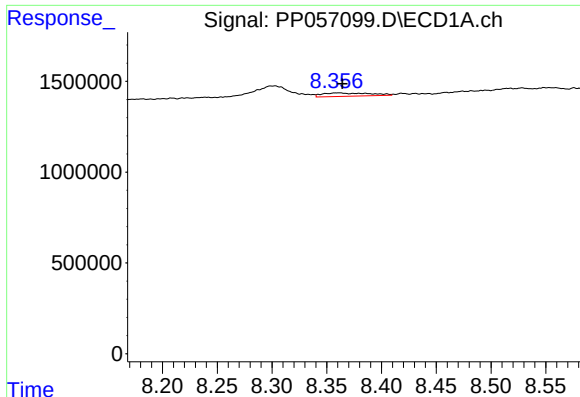
#36 AR-1262-1

R.T.: 7.820 min
Delta R.T.: 0.006 min
Response: 146766
Conc: 1.45 ng/ml



#36 AR-1262-1

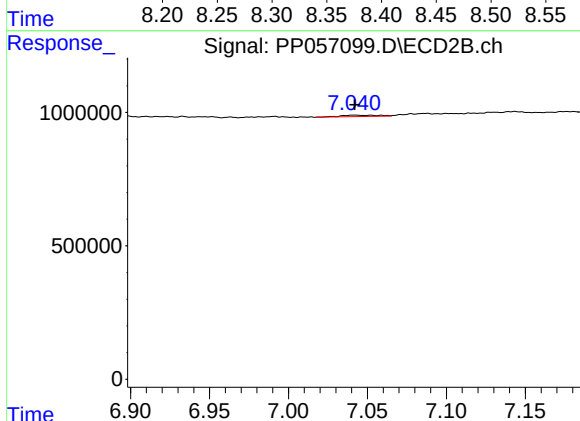
R.T.: 6.817 min
Delta R.T.: -0.017 min
Response: 417475
Conc: 7.31 ng/ml



#37 AR-1262-2

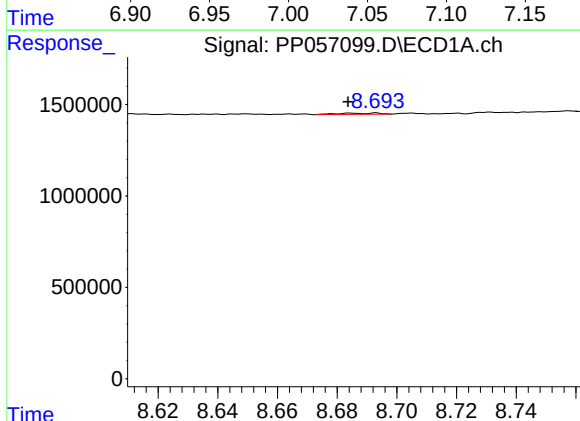
R.T.: 8.361 min
Delta R.T.: -0.003 min
Response: 552808
Conc: 3.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



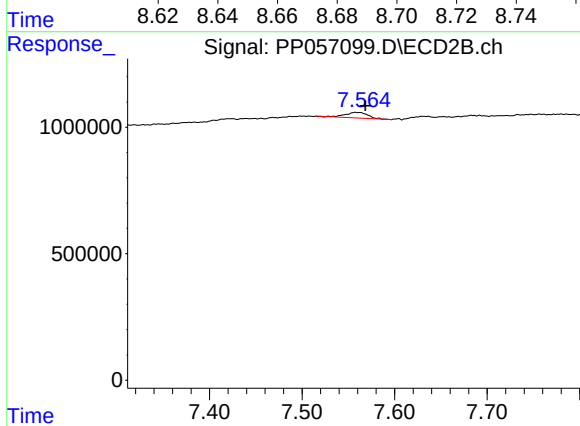
#37 AR-1262-2

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 94382
Conc: 0.81 ng/ml



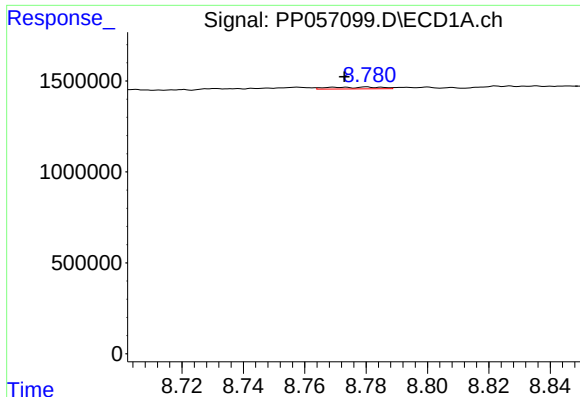
#38 AR-1262-3

R.T.: 8.693 min
Delta R.T.: 0.009 min
Response: 56115
Conc: 0.52 ng/ml



#38 AR-1262-3

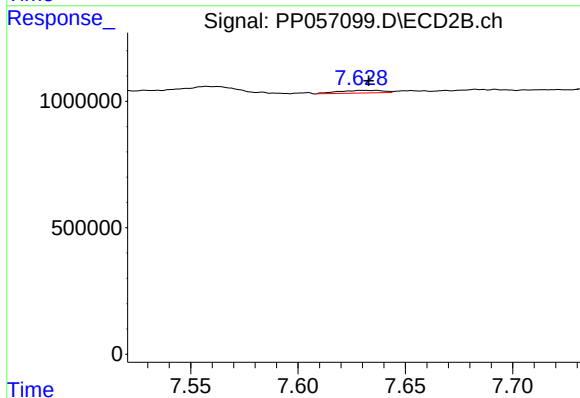
R.T.: 7.558 min
Delta R.T.: -0.011 min
Response: 372344
Conc: 4.11 ng/ml



#39 AR-1262-4

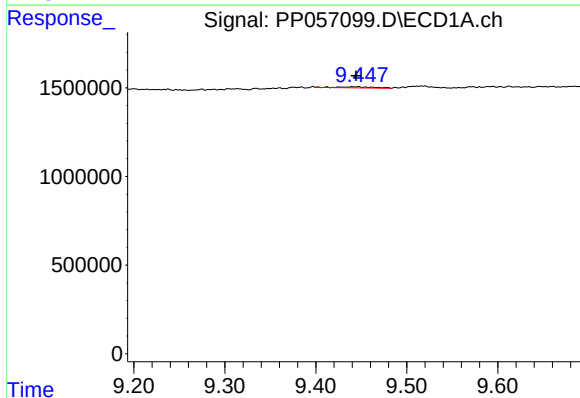
R.T.: 8.770 min
Delta R.T.: -0.003 min
Response: 118800
Conc: 1.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



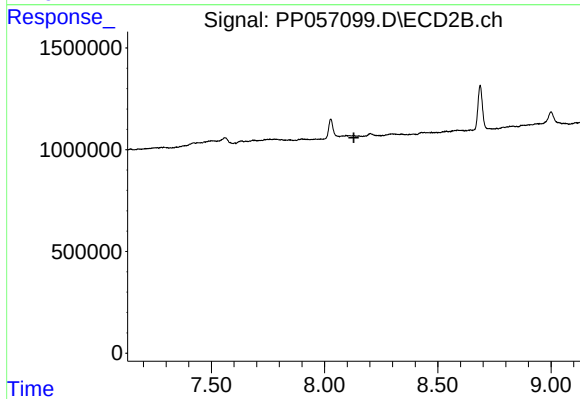
#39 AR-1262-4

R.T.: 7.636 min
Delta R.T.: 0.003 min
Response: 157053
Conc: 1.00 ng/ml



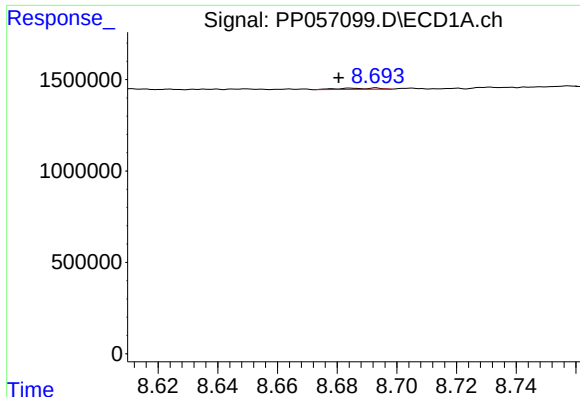
#40 AR-1262-5

R.T.: 9.444 min
Delta R.T.: 0.000 min
Response: 155213
Conc: 3.24 ng/ml



#40 AR-1262-5

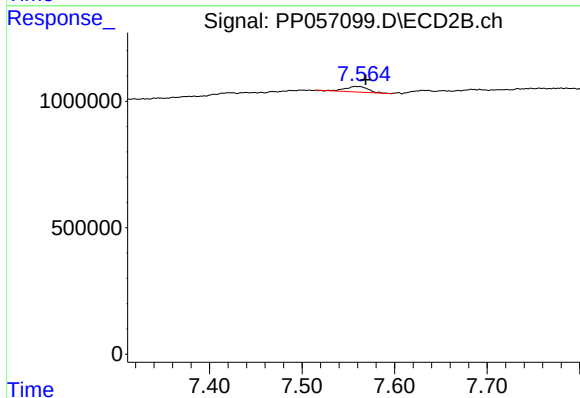
R.T.: 0.000 min
Exp R.T.: 8.129 min
Response: 0
Conc: N.D.



#41 AR-1268-1

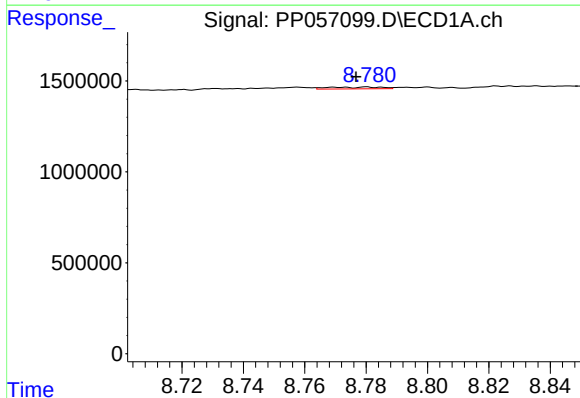
R.T.: 8.693 min
Delta R.T.: 0.013 min
Response: 56115
Conc: 0.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



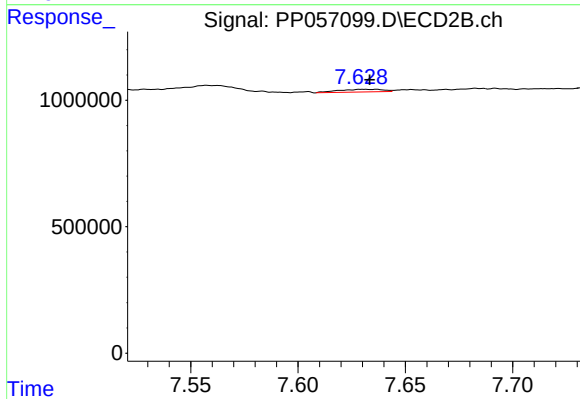
#41 AR-1268-1

R.T.: 7.558 min
Delta R.T.: -0.011 min
Response: 372344
Conc: 1.34 ng/ml



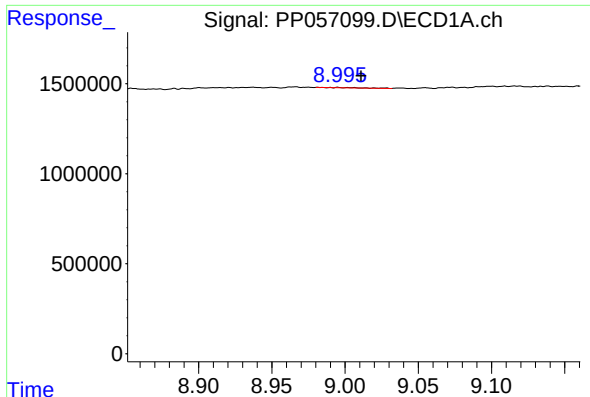
#42 AR-1268-2

R.T.: 8.770 min
Delta R.T.: -0.007 min
Response: 118800
Conc: 0.66 ng/ml



#42 AR-1268-2

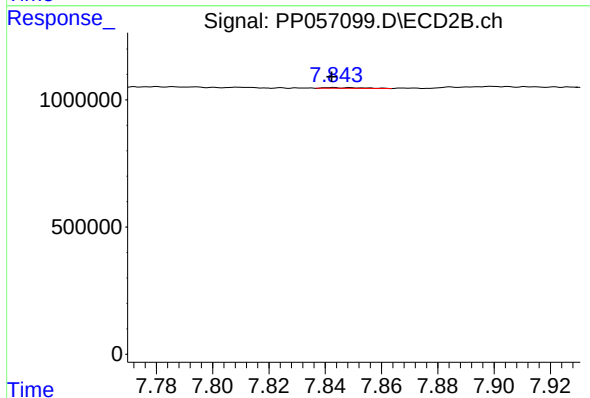
R.T.: 7.636 min
Delta R.T.: 0.003 min
Response: 157053
Conc: 0.63 ng/ml



#43 AR-1268-3

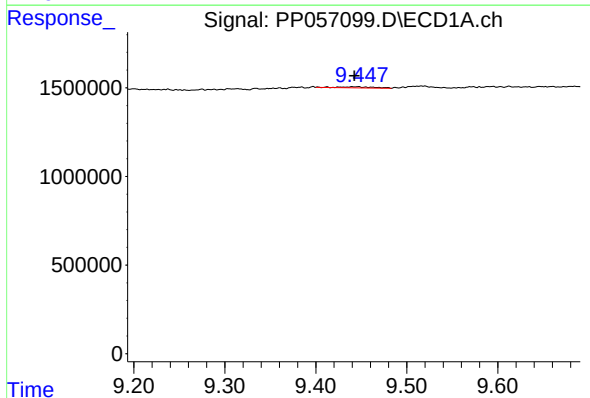
R.T.: 8.995 min
Delta R.T.: -0.016 min
Response: 25711
Conc: 0.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



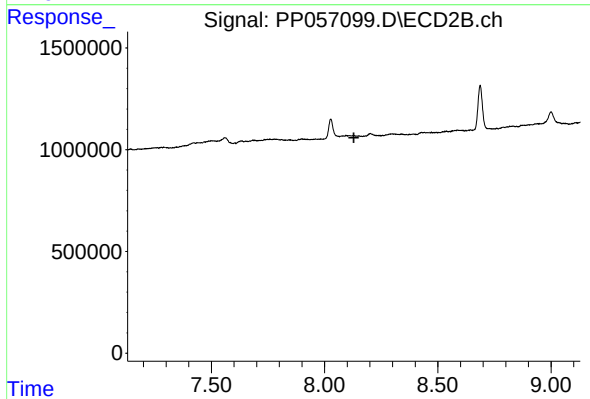
#43 AR-1268-3

R.T.: 7.843 min
Delta R.T.: 0.000 min
Response: 29110
Conc: 0.13 ng/ml



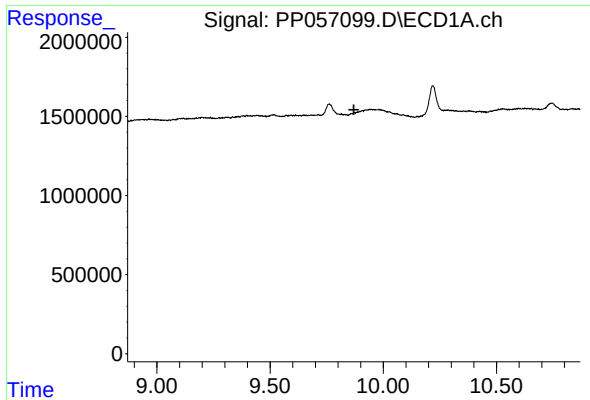
#44 AR-1268-4

R.T.: 9.444 min
Delta R.T.: 0.001 min
Response: 155213
Conc: 2.74 ng/ml



#44 AR-1268-4

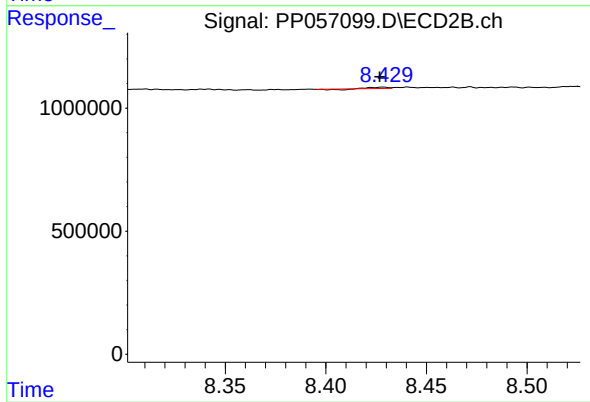
R.T.: 0.000 min
Exp R.T. : 8.129 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.428 min
Delta R.T.: 0.002 min
Response: 14431
Conc: 0.02 ng/ml