

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101422\
 Data File : PR057389.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2022 19:59
 Operator : AJ\MA
 Sample : N5140-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 06:33:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101222.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 13 04:58:31 2022
 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...	3.612	2.882	62171578	26319781	17.954	18.682
2)	SA Decachlor...	9.488	8.077	32436585	21641573	12.324	11.737
Target Compounds							
3)	L1 AR-1016-1	4.836	0.000	1149320	0	9.503	N.D. #
4)	L1 AR-1016-2	4.836f	0.000	1149320	0	6.617	N.D. #
5)	L1 AR-1016-3	4.942f	0.000	214146	0	2.105	N.D. #
6)	L1 AR-1016-4	5.016	0.000	227473	0	2.703	N.D. #
7)	L1 AR-1016-5	5.330	4.420f	666296	412080	8.450	11.745 #
8)	L2 AR-1221-1	3.821	3.133f	1273169	636374	34.989	43.430
9)	L2 AR-1221-2	3.922	3.180	712327	589447	26.882	52.044 #
10)	L2 AR-1221-3	4.014	3.237f	606314	964822	7.391	26.962 #
11)	L3 AR-1232-1	4.014	3.237f	606314	964822	10.005	36.207 #
12)	L3 AR-1232-2	4.541	0.000	4785525	0	138.940	N.D. #
13)	L3 AR-1232-3	4.836f	0.000	1149320	0	16.736	N.D. #
14)	L3 AR-1232-4	5.016	0.000	227473	0	7.087	N.D. #
15)	L3 AR-1232-5	5.109	4.420f	460174	412080	20.181	28.614 #
16)	L4 AR-1242-1	4.836	0.000	1149320	0	12.946	N.D. #
17)	L4 AR-1242-2	4.836f	0.000	1149320	0	9.154	N.D. #
18)	L4 AR-1242-3	4.942f	0.000	214146	0	2.799	N.D. #
19)	L4 AR-1242-4	5.016	0.000	227473	0	3.668	N.D. #
20)	L4 AR-1242-5	5.815	4.817	455754	151572	7.172	4.435 #
21)	L5 AR-1248-1	4.836	0.000	1149320	0	16.092	N.D. #
22)	L5 AR-1248-2	5.109	0.000	460174	0	5.257	N.D. #
23)	L5 AR-1248-3	5.330	0.000	666296	0	6.415	N.D. #
24)	L5 AR-1248-4	5.786f	4.420f	302375	412080	2.648	9.112 #
25)	L5 AR-1248-5	5.815	0.000	455754	0	4.181	N.D. #
26)	L6 AR-1254-1	5.734	4.817	1069729	151572	9.130	2.266 #
27)	L6 AR-1254-2	5.964	4.974	513309	180330	2.860	3.004
28)	L6 AR-1254-3	6.360	5.378	1271332	676227	6.979	6.726
30)	L6 AR-1254-5	7.133	6.061	1242014	2251556	8.125	22.394 #
31)	L7 AR-1260-1	6.543	5.522	180402	609286	1.230	9.157 #
32)	L7 AR-1260-2	6.822	5.738	1009553	922576	5.754	10.096 #
33)	L7 AR-1260-3	7.216	5.883	2641569	616714	22.192	7.301 #
34)	L7 AR-1260-4	7.457	6.367f	8080563	1343472	61.869	21.587 #
35)	L7 AR-1260-5	7.797	6.645	15677815	4741740	57.324	26.990 #
36)	L8 AR-1262-1	7.216	6.111	2641569	2112291	14.485	21.846 #
37)	L8 AR-1262-2	7.797	6.367	15677815	1343472	49.387	16.393 #
38)	L8 AR-1262-3	8.099	6.951	6179748	2594777	28.904	32.340
39)	L8 AR-1262-4	8.197	7.015	2512597	1695460	22.247	11.574 #
40)	L8 AR-1262-5	8.805	7.548	646124	544484	5.773	7.491 #
41)	L9 AR-1268-1	8.099	6.951	6179748	2594777	15.425	10.355 #
42)	L9 AR-1268-2	8.197	7.015	2512597	1695460	6.831	7.019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 06:33:38 2022
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 Quant Title : GC EXTRACTABLES
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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
43) L9	AR-1268-3	8.398	7.234	1419563	2180794	4.474	10.359 #
44) L9	AR-1268-4	8.805	7.548	646124	544484	4.868	6.172 #
45) L9	AR-1268-5	9.190	7.841	1649005	745894	1.697	1.095 #

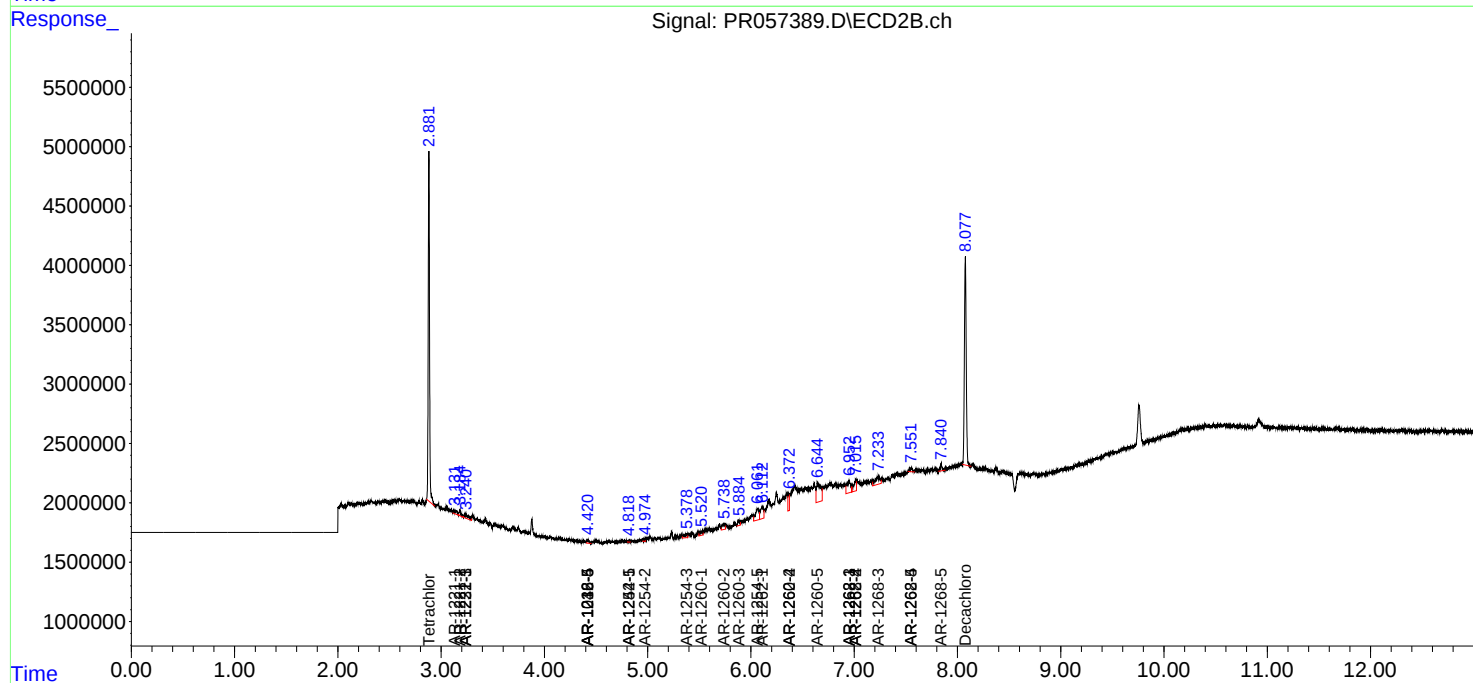
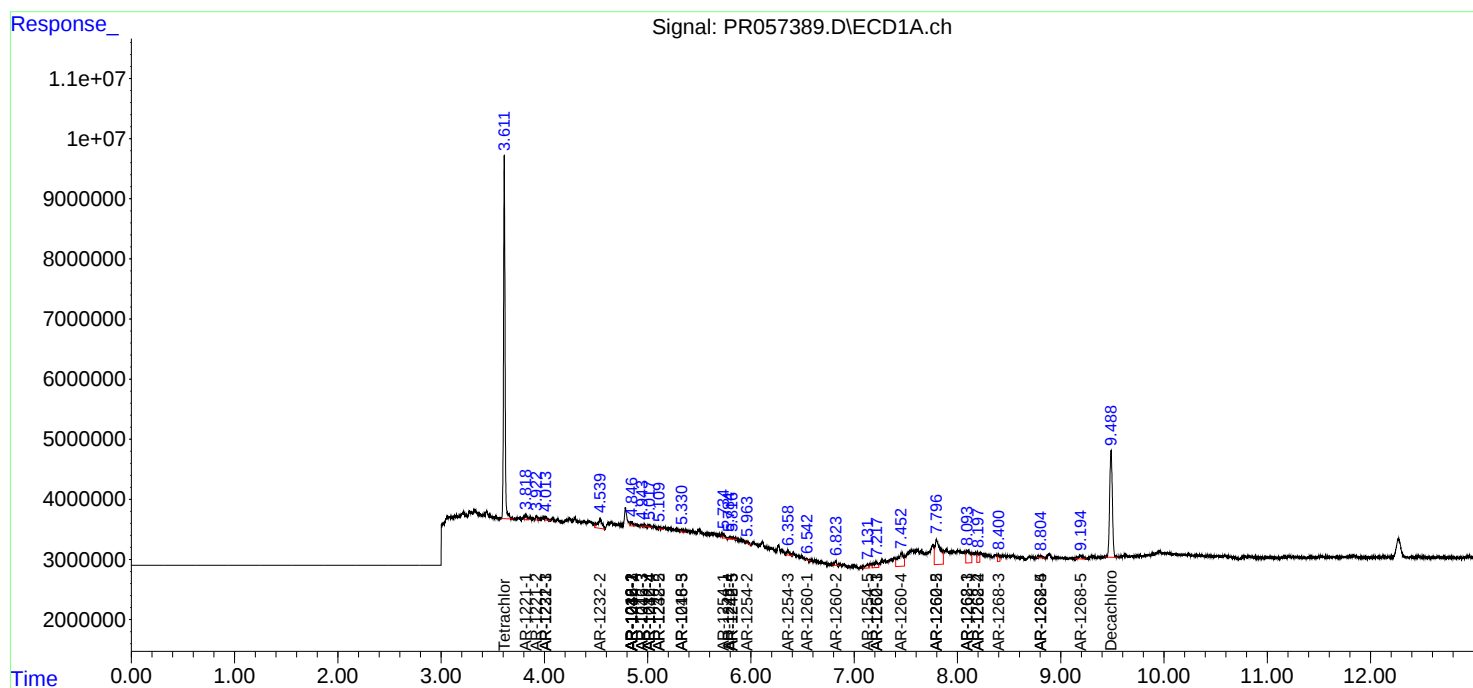
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

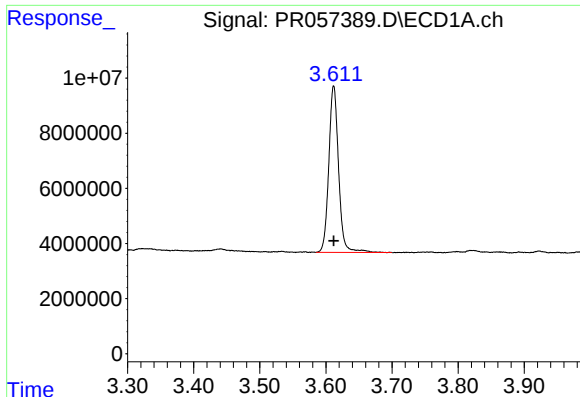
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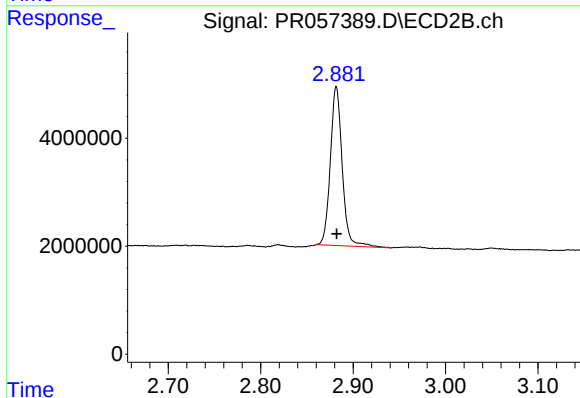




#1 Tetrachloro-m-xylene

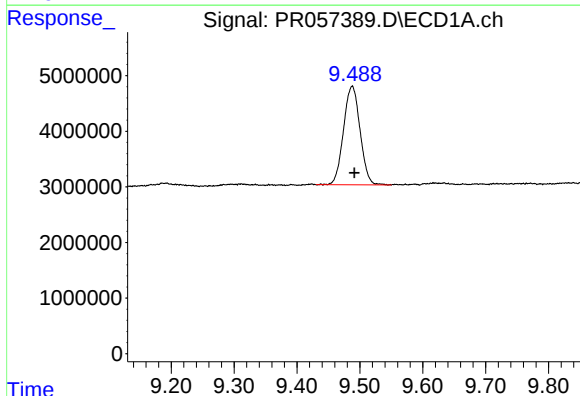
R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 62171578
Conc: 17.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



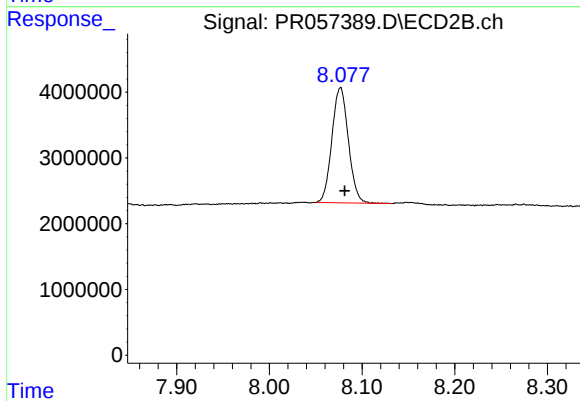
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 26319781
Conc: 18.68 ng/ml



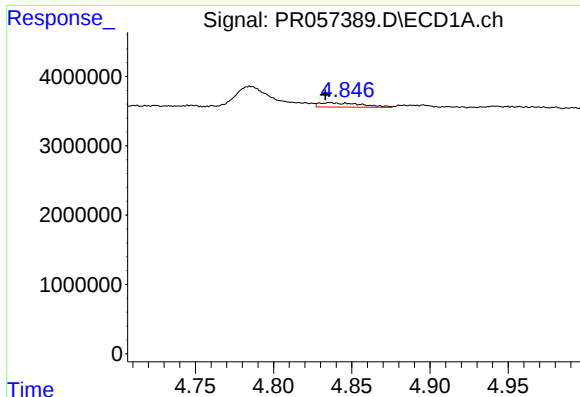
#2 Decachlorobiphenyl

R.T.: 9.488 min
Delta R.T.: -0.004 min
Response: 32436585
Conc: 12.32 ng/ml



#2 Decachlorobiphenyl

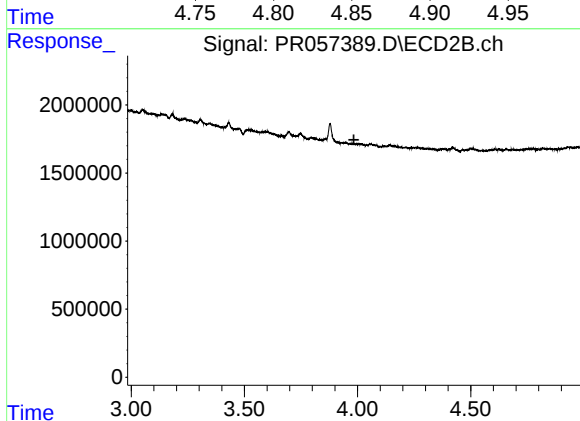
R.T.: 8.077 min
Delta R.T.: -0.004 min
Response: 21641573
Conc: 11.74 ng/ml



#3 AR-1016-1

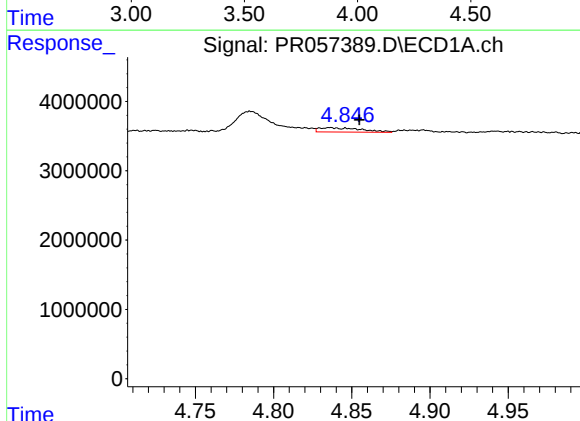
R.T.: 4.836 min
Delta R.T.: 0.003 min
Response: 1149320
Conc: 9.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



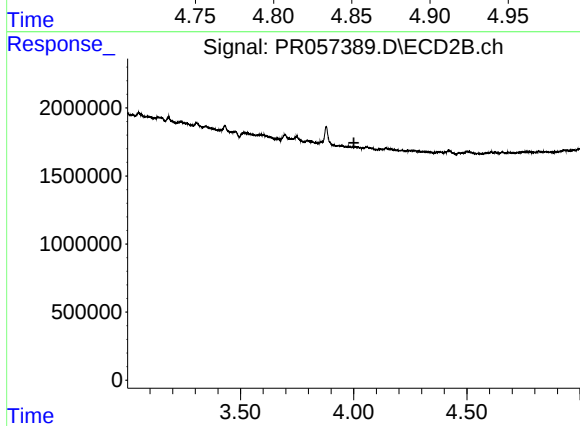
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 3.984 min
Response: 0
Conc: N.D.



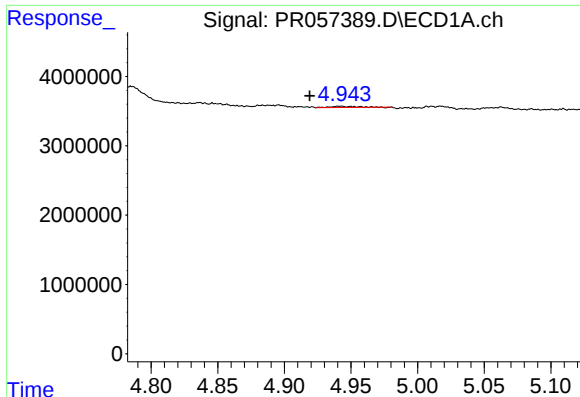
#4 AR-1016-2

R.T.: 4.836 min
Delta R.T.: -0.019 min
Response: 1149320
Conc: 6.62 ng/ml



#4 AR-1016-2

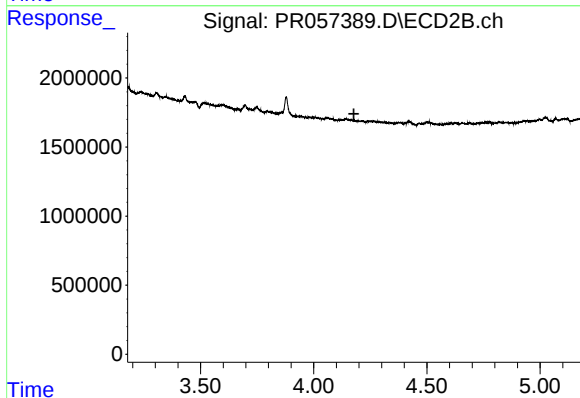
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#5 AR-1016-3

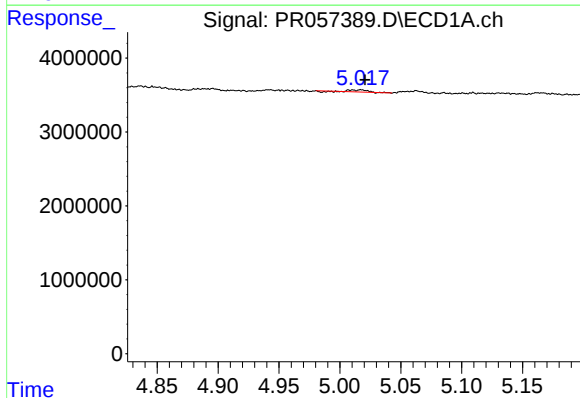
R.T.: 4.942 min
Delta R.T.: 0.023 min
Response: 214146
Conc: 2.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



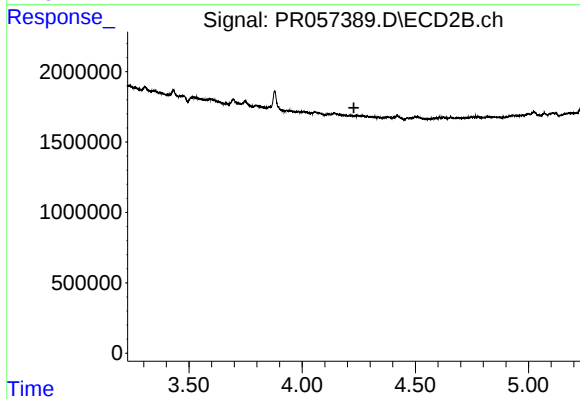
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.177 min
Response: 0
Conc: N.D.



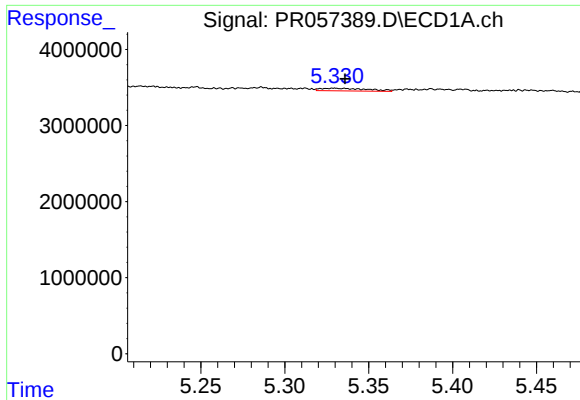
#6 AR-1016-4

R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 227473
Conc: 2.70 ng/ml



#6 AR-1016-4

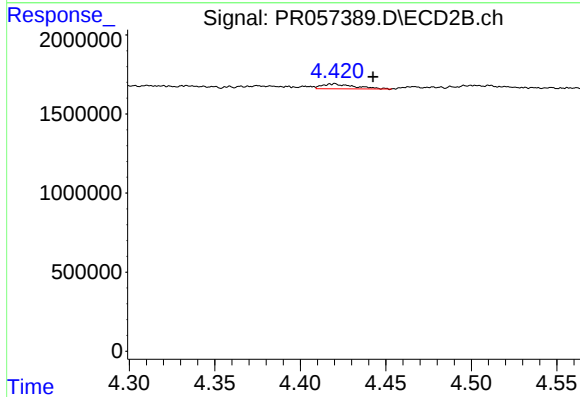
R.T.: 0.000 min
Exp R.T. : 4.229 min
Response: 0
Conc: N.D.



#7 AR-1016-5

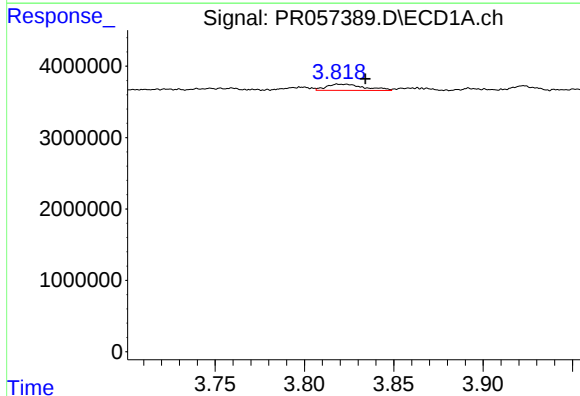
R.T.: 5.330 min
Delta R.T.: -0.006 min
Response: 666296
Conc: 8.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



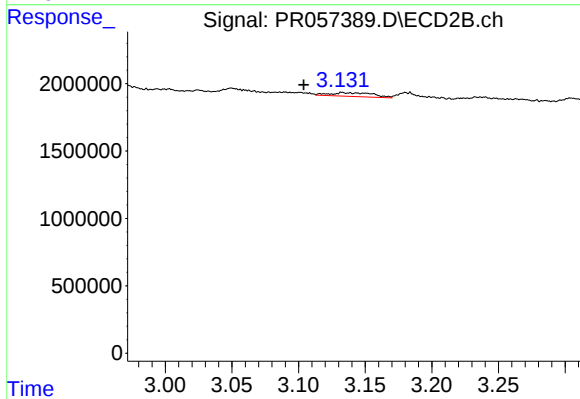
#7 AR-1016-5

R.T.: 4.420 min
Delta R.T.: -0.023 min
Response: 412080
Conc: 11.75 ng/ml



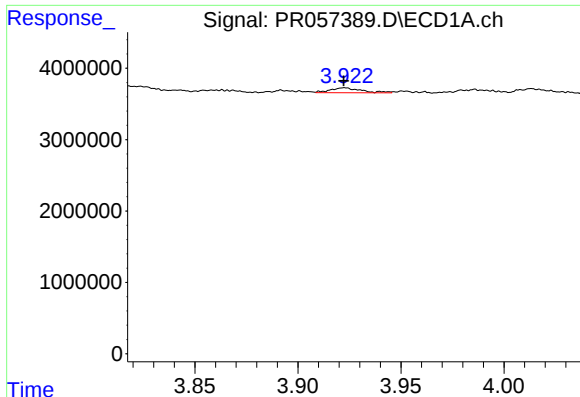
#8 AR-1221-1

R.T.: 3.821 min
Delta R.T.: -0.013 min
Response: 1273169
Conc: 34.99 ng/ml



#8 AR-1221-1

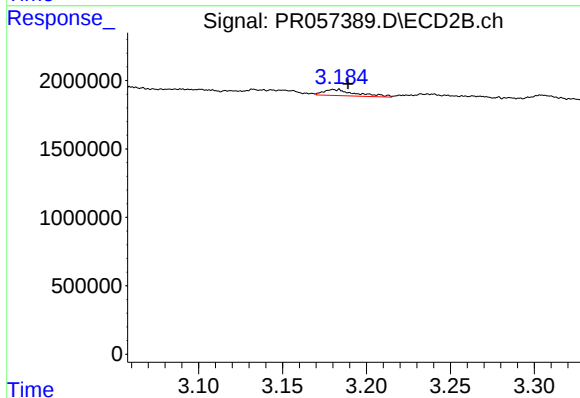
R.T.: 3.133 min
Delta R.T.: 0.029 min
Response: 636374
Conc: 43.43 ng/ml



#9 AR-1221-2

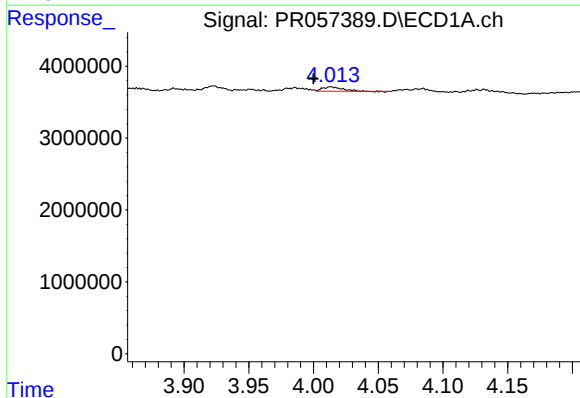
R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 712327
Conc: 26.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



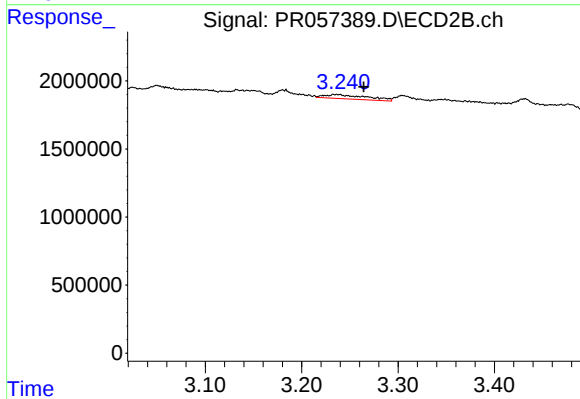
#9 AR-1221-2

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 589447
Conc: 52.04 ng/ml



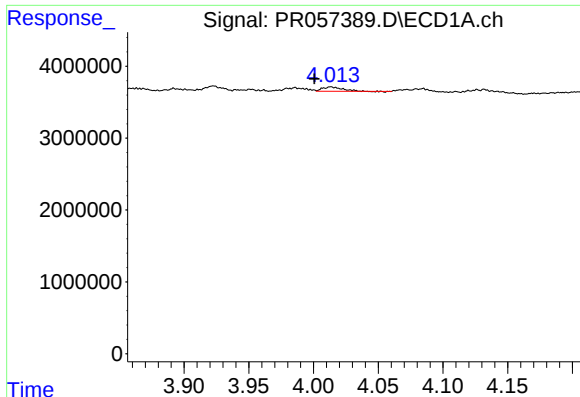
#10 AR-1221-3

R.T.: 4.014 min
Delta R.T.: 0.014 min
Response: 606314
Conc: 7.39 ng/ml



#10 AR-1221-3

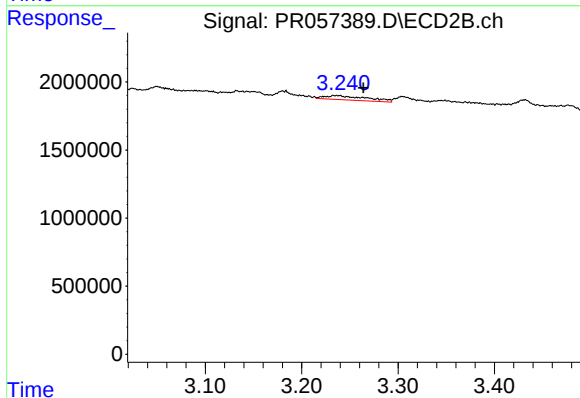
R.T.: 3.237 min
Delta R.T.: -0.028 min
Response: 964822
Conc: 26.96 ng/ml



#11 AR-1232-1

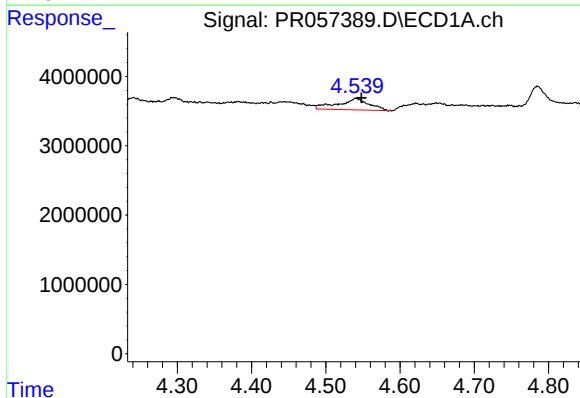
R.T.: 4.014 min
Delta R.T.: 0.013 min
Response: 606314
Conc: 10.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



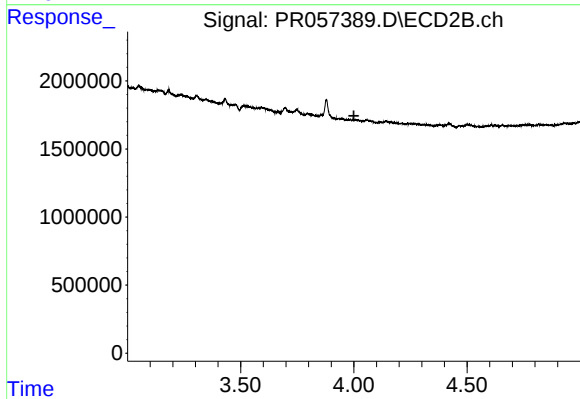
#11 AR-1232-1

R.T.: 3.237 min
Delta R.T.: -0.027 min
Response: 964822
Conc: 36.21 ng/ml



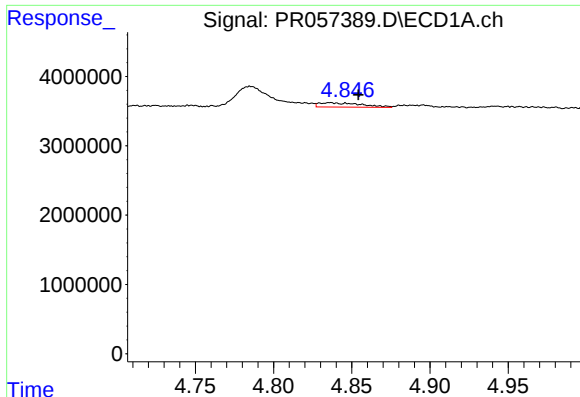
#12 AR-1232-2

R.T.: 4.541 min
Delta R.T.: -0.007 min
Response: 4785525
Conc: 138.94 ng/ml



#12 AR-1232-2

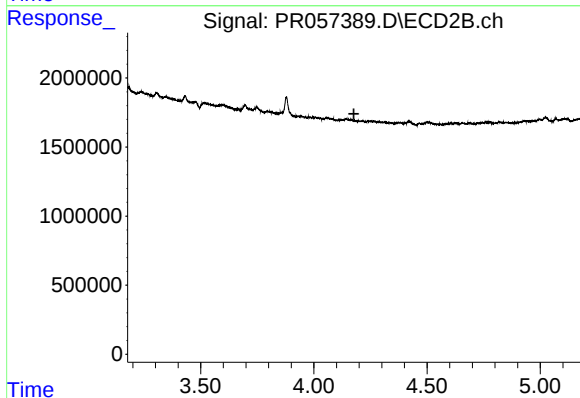
R.T.: 0.000 min
Exp R.T.: 4.000 min
Response: 0
Conc: N.D.



#13 AR-1232-3

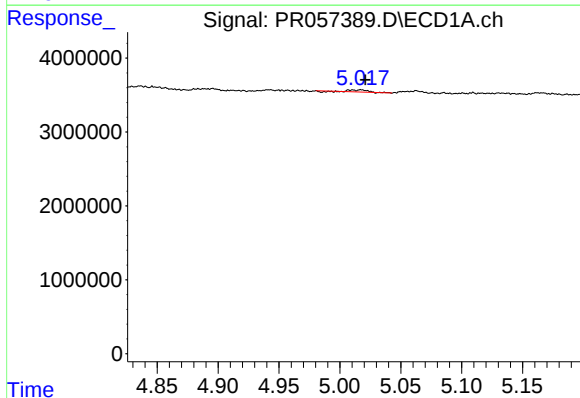
R.T.: 4.836 min
Delta R.T.: -0.018 min
Response: 1149320
Conc: 16.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



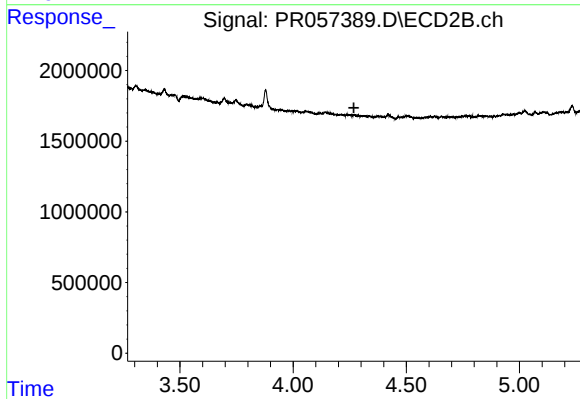
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.177 min
Response: 0
Conc: N.D.



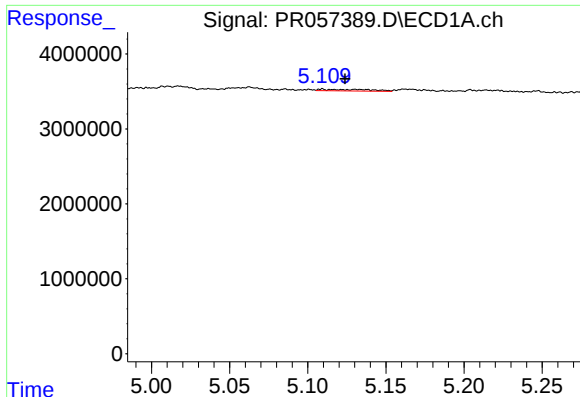
#14 AR-1232-4

R.T.: 5.016 min
Delta R.T.: -0.005 min
Response: 227473
Conc: 7.09 ng/ml



#14 AR-1232-4

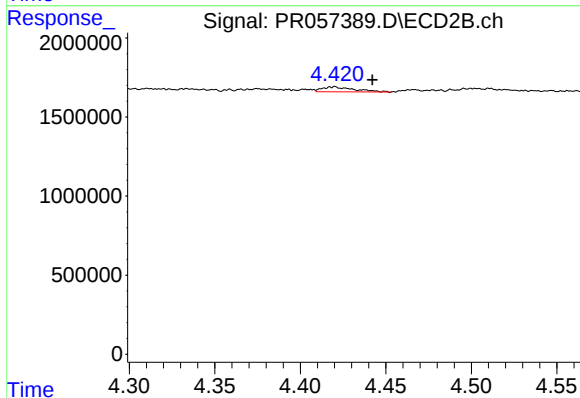
R.T.: 0.000 min
Exp R.T. : 4.268 min
Response: 0
Conc: N.D.



#15 AR-1232-5

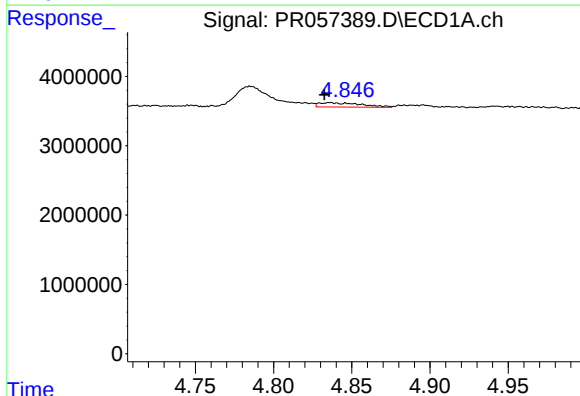
R.T.: 5.109 min
Delta R.T.: -0.014 min
Response: 460174
Conc: 20.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



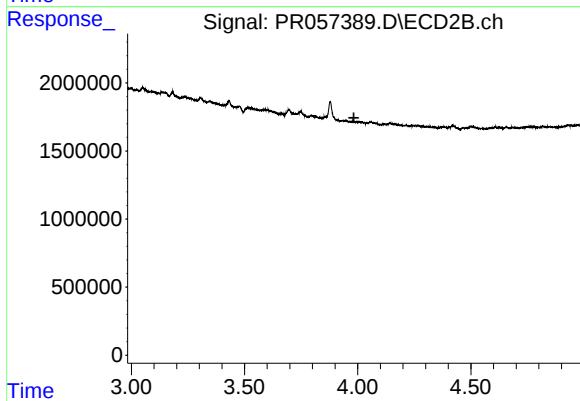
#15 AR-1232-5

R.T.: 4.420 min
Delta R.T.: -0.022 min
Response: 412080
Conc: 28.61 ng/ml



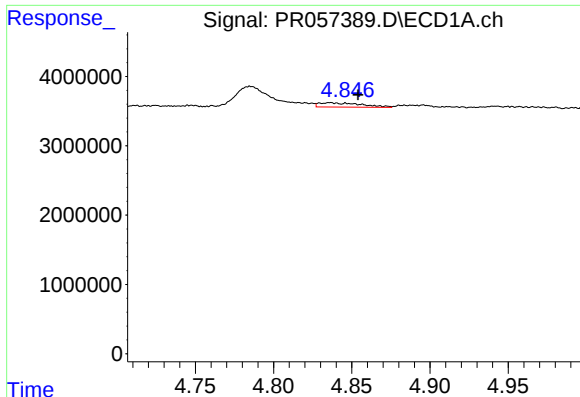
#16 AR-1242-1

R.T.: 4.836 min
Delta R.T.: 0.004 min
Response: 1149320
Conc: 12.95 ng/ml



#16 AR-1242-1

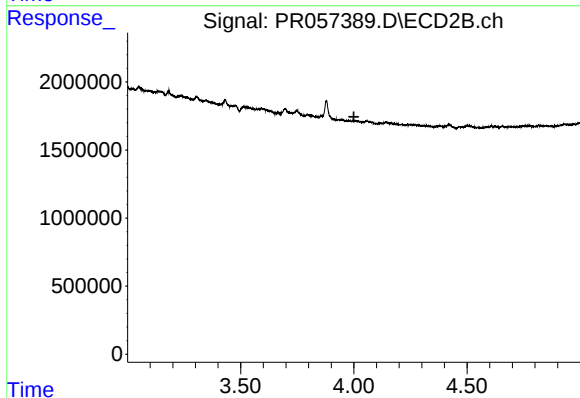
R.T.: 0.000 min
Exp R.T.: 3.983 min
Response: 0
Conc: N.D.



#17 AR-1242-2

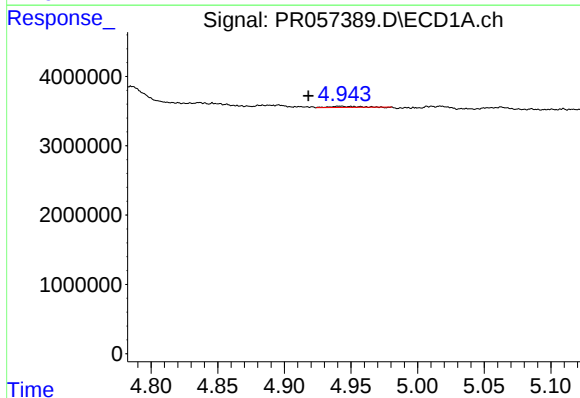
R.T.: 4.836 min
Delta R.T.: -0.018 min
Response: 1149320
Conc: 9.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



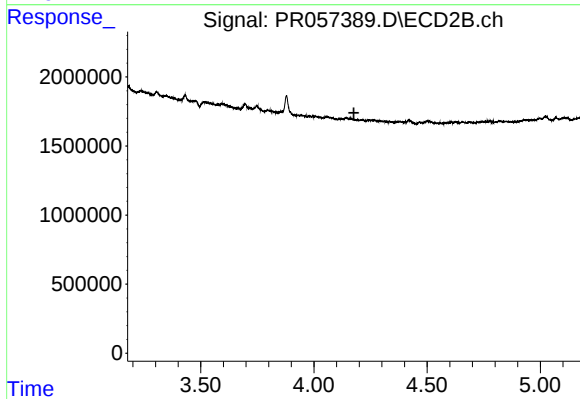
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



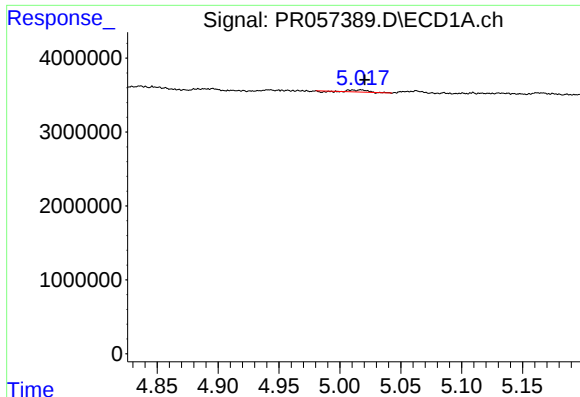
#18 AR-1242-3

R.T.: 4.942 min
Delta R.T.: 0.024 min
Response: 214146
Conc: 2.80 ng/ml



#18 AR-1242-3

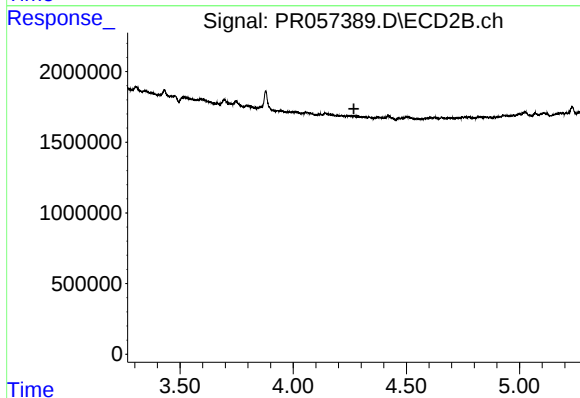
R.T.: 0.000 min
Exp R.T. : 4.177 min
Response: 0
Conc: N.D.



#19 AR-1242-4

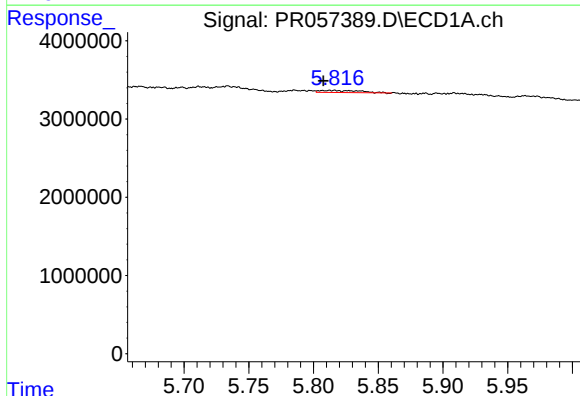
R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 227473
Conc: 3.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



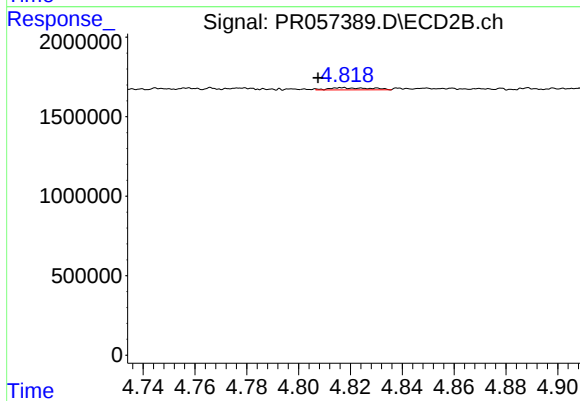
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.268 min
Response: 0
Conc: N.D.



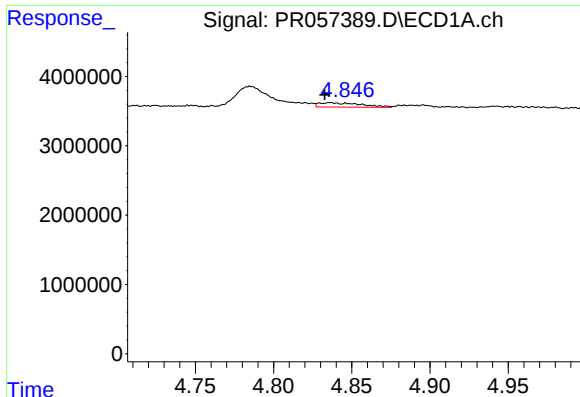
#20 AR-1242-5

R.T.: 5.815 min
Delta R.T.: 0.007 min
Response: 455754
Conc: 7.17 ng/ml



#20 AR-1242-5

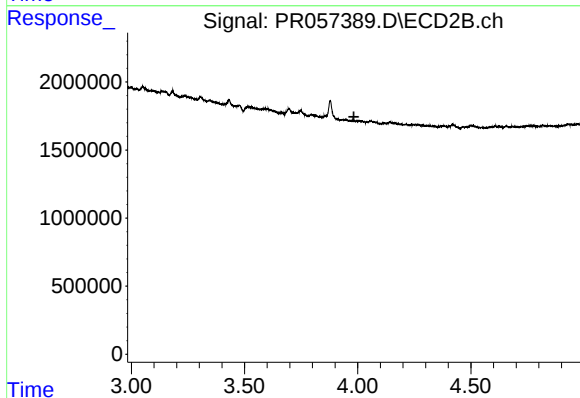
R.T.: 4.817 min
Delta R.T.: 0.009 min
Response: 151572
Conc: 4.43 ng/ml



#21 AR-1248-1

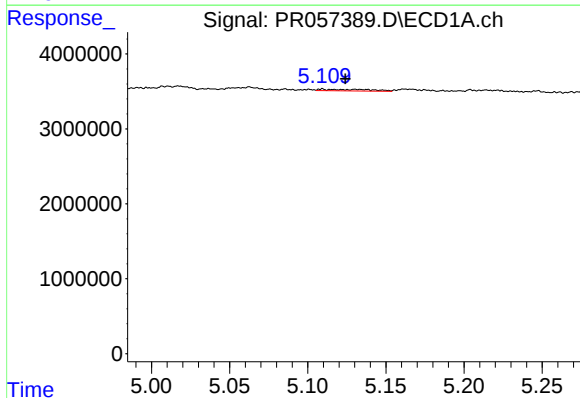
R.T.: 4.836 min
Delta R.T.: 0.003 min
Response: 1149320
Conc: 16.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



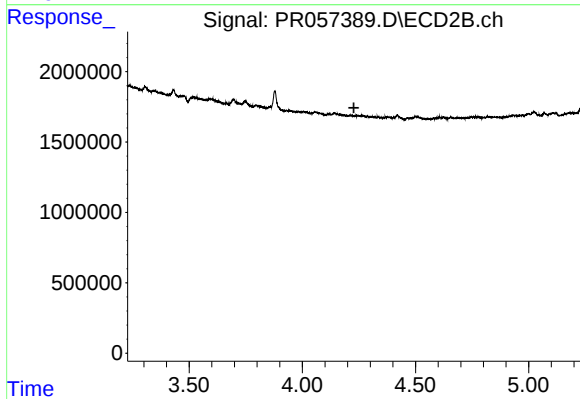
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 3.983 min
Response: 0
Conc: N.D.



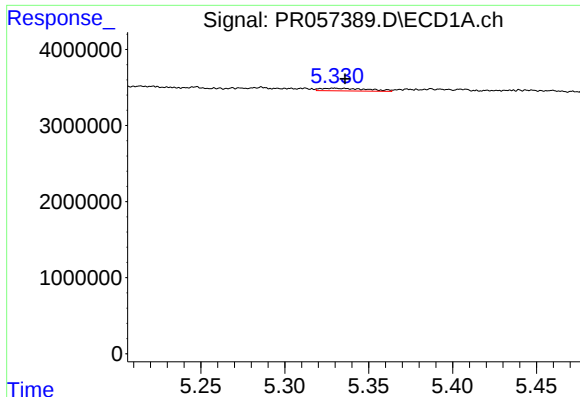
#22 AR-1248-2

R.T.: 5.109 min
Delta R.T.: -0.015 min
Response: 460174
Conc: 5.26 ng/ml



#22 AR-1248-2

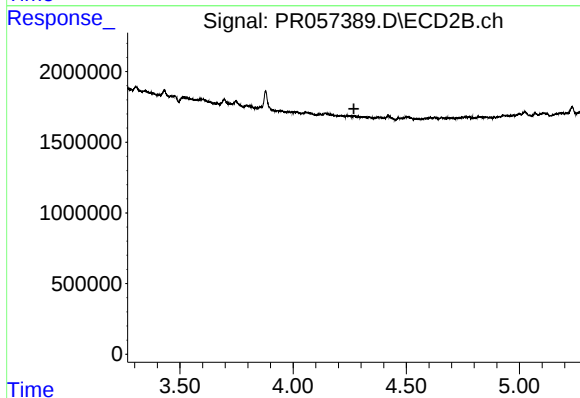
R.T.: 0.000 min
Exp R.T. : 4.228 min
Response: 0
Conc: N.D.



#23 AR-1248-3

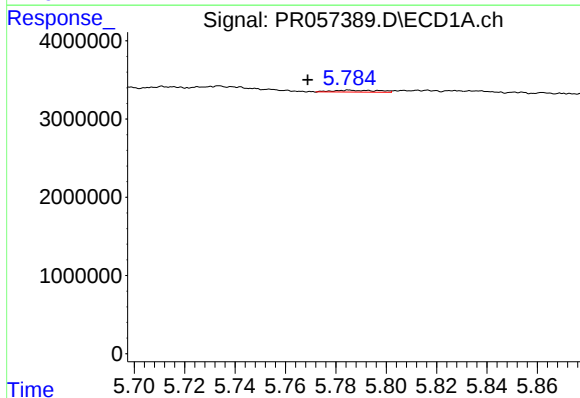
R.T.: 5.330 min
Delta R.T.: -0.006 min
Response: 666296
Conc: 6.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



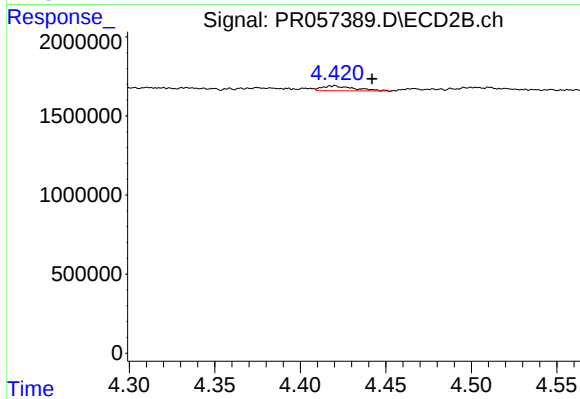
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.269 min
Response: 0
Conc: N.D.



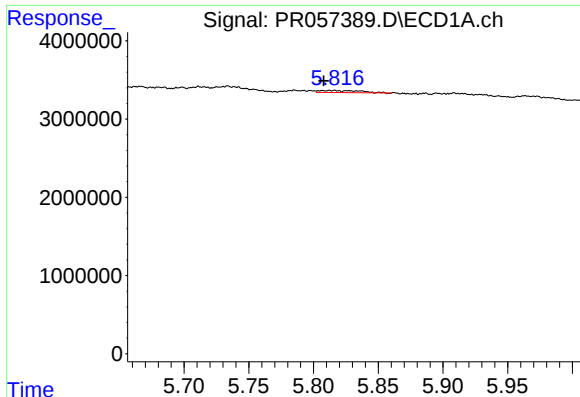
#24 AR-1248-4

R.T.: 5.786 min
Delta R.T.: 0.017 min
Response: 302375
Conc: 2.65 ng/ml



#24 AR-1248-4

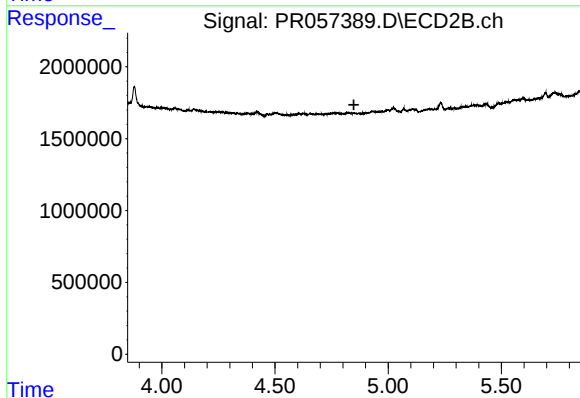
R.T.: 4.420 min
Delta R.T.: -0.022 min
Response: 412080
Conc: 9.11 ng/ml



#25 AR-1248-5

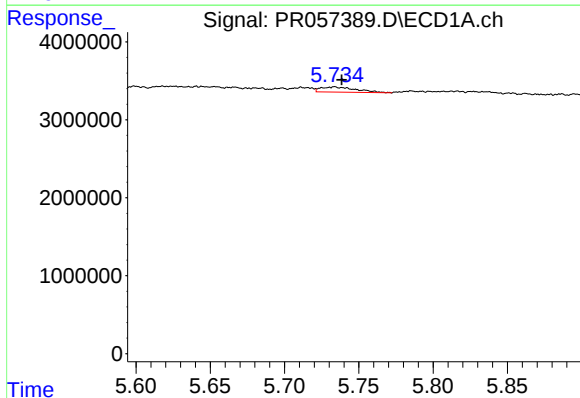
R.T.: 5.815 min
Delta R.T.: 0.007 min
Response: 455754
Conc: 4.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



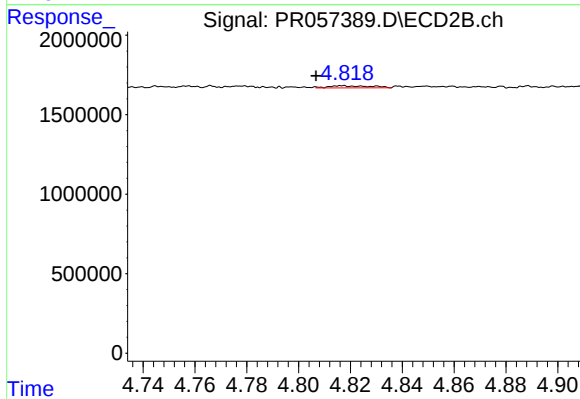
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 4.849 min
Response: 0
Conc: N.D.



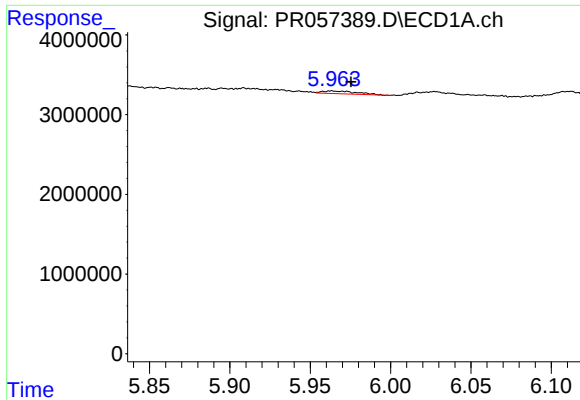
#26 AR-1254-1

R.T.: 5.734 min
Delta R.T.: -0.005 min
Response: 1069729
Conc: 9.13 ng/ml



#26 AR-1254-1

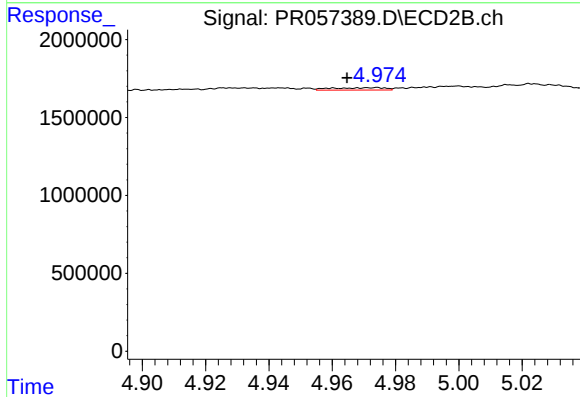
R.T.: 4.817 min
Delta R.T.: 0.010 min
Response: 151572
Conc: 2.27 ng/ml



#27 AR-1254-2

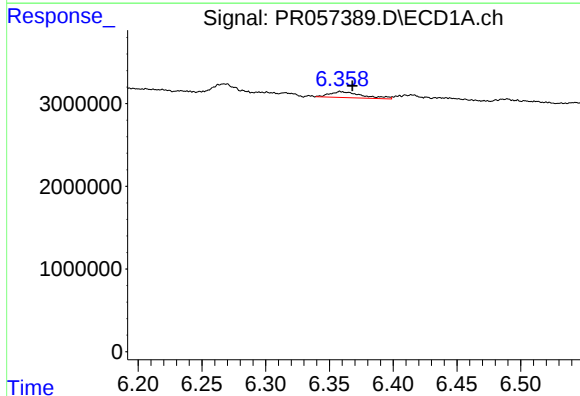
R.T.: 5.964 min
Delta R.T.: -0.012 min
Response: 513309
Conc: 2.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



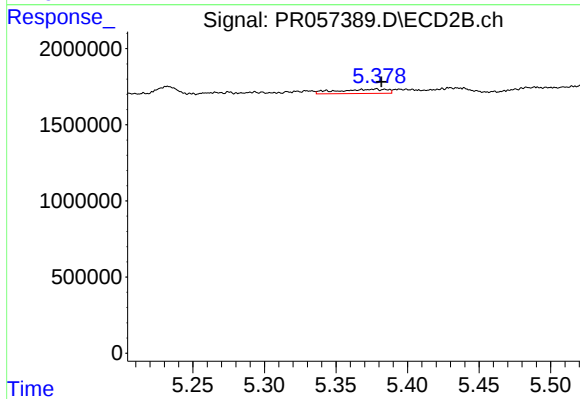
#27 AR-1254-2

R.T.: 4.974 min
Delta R.T.: 0.009 min
Response: 180330
Conc: 3.00 ng/ml



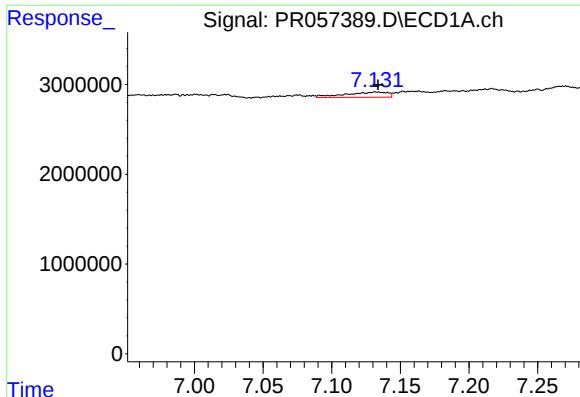
#28 AR-1254-3

R.T.: 6.360 min
Delta R.T.: -0.008 min
Response: 1271332
Conc: 6.98 ng/ml



#28 AR-1254-3

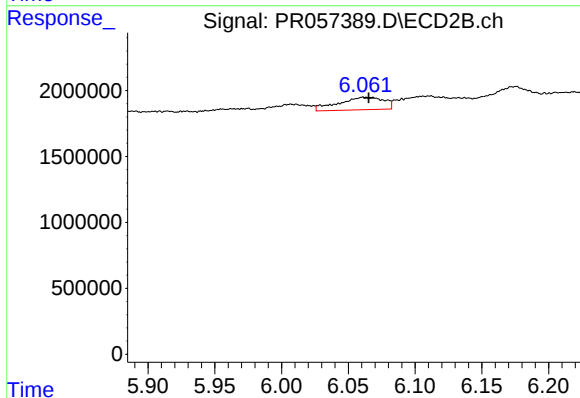
R.T.: 5.378 min
Delta R.T.: -0.004 min
Response: 676227
Conc: 6.73 ng/ml



#30 AR-1254-5

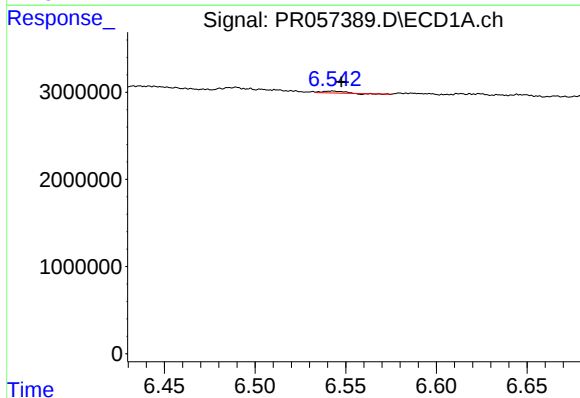
R.T.: 7.133 min
Delta R.T.: -0.001 min
Response: 1242014
Conc: 8.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



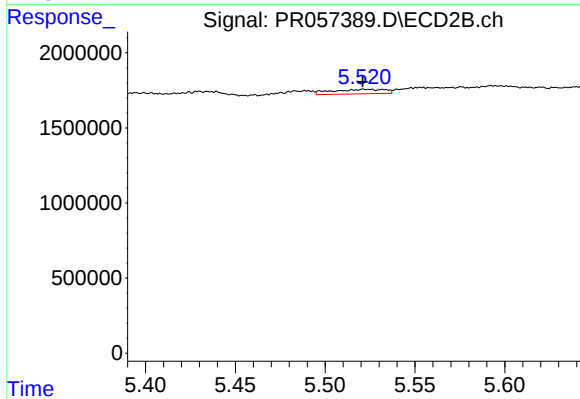
#30 AR-1254-5

R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 2251556
Conc: 22.39 ng/ml



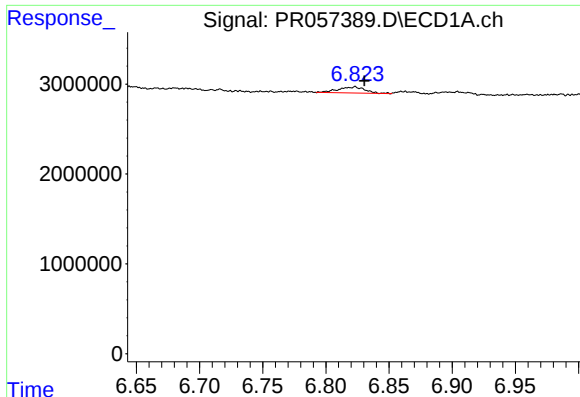
#31 AR-1260-1

R.T.: 6.543 min
Delta R.T.: -0.005 min
Response: 180402
Conc: 1.23 ng/ml



#31 AR-1260-1

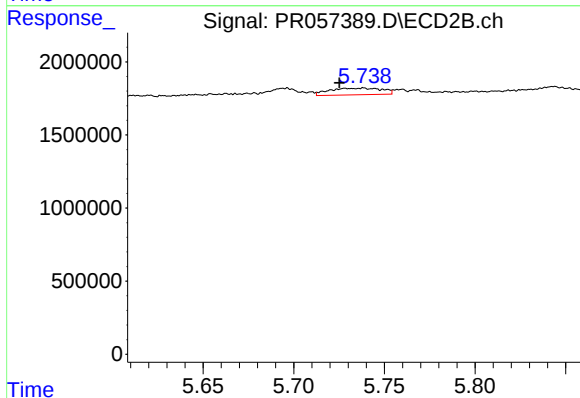
R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 609286
Conc: 9.16 ng/ml



#32 AR-1260-2

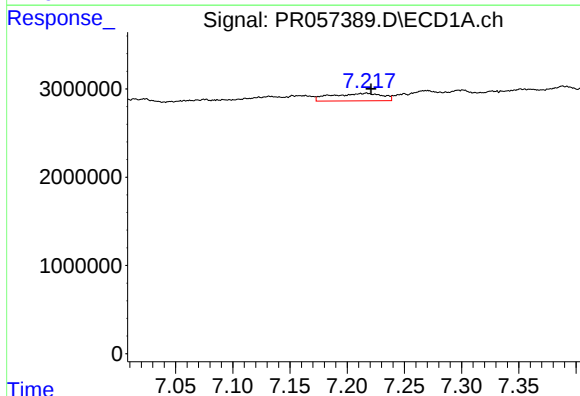
R.T.: 6.822 min
Delta R.T.: -0.008 min
Response: 1009553
Conc: 5.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



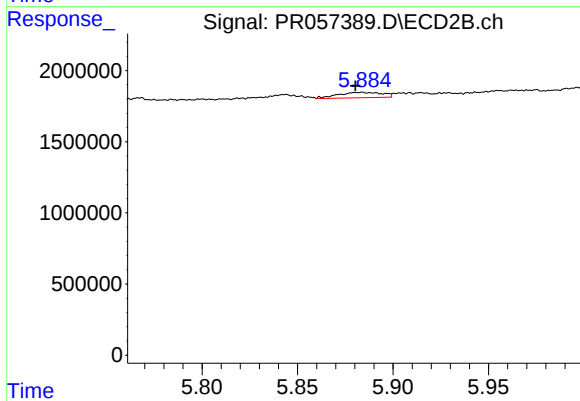
#32 AR-1260-2

R.T.: 5.738 min
Delta R.T.: 0.013 min
Response: 922576
Conc: 10.10 ng/ml



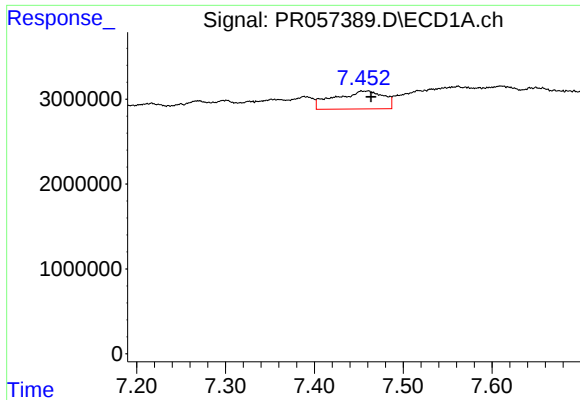
#33 AR-1260-3

R.T.: 7.216 min
Delta R.T.: -0.005 min
Response: 2641569
Conc: 22.19 ng/ml



#33 AR-1260-3

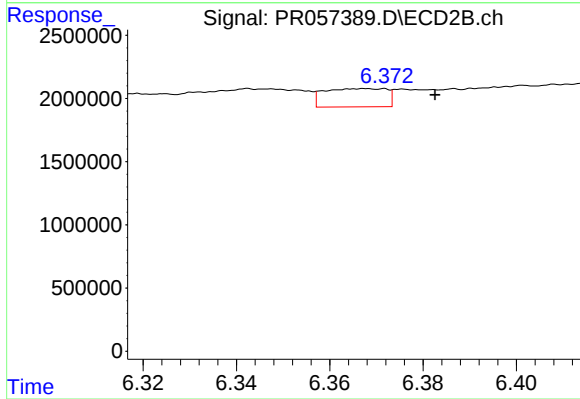
R.T.: 5.883 min
Delta R.T.: 0.003 min
Response: 616714
Conc: 7.30 ng/ml



#34 AR-1260-4

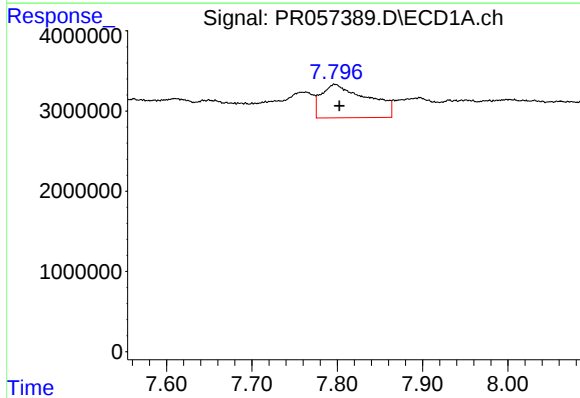
R.T.: 7.457 min
Delta R.T.: -0.006 min
Response: 8080563
Conc: 61.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



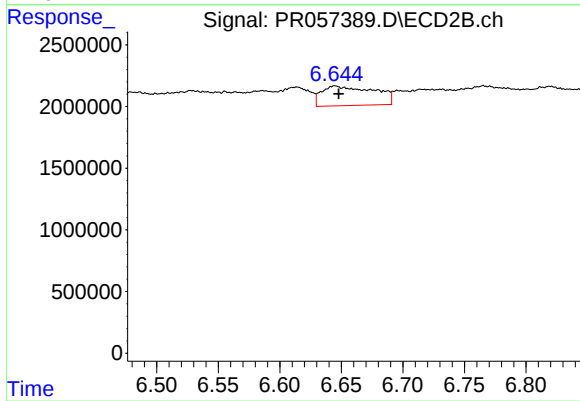
#34 AR-1260-4

R.T.: 6.367 min
Delta R.T.: -0.015 min
Response: 1343472
Conc: 21.59 ng/ml



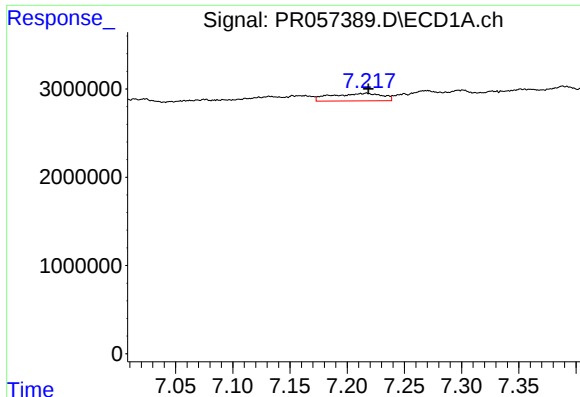
#35 AR-1260-5

R.T.: 7.797 min
Delta R.T.: -0.005 min
Response: 15677815
Conc: 57.32 ng/ml



#35 AR-1260-5

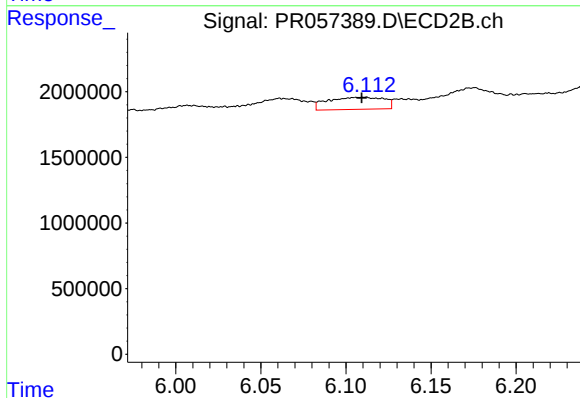
R.T.: 6.645 min
Delta R.T.: -0.003 min
Response: 4741740
Conc: 26.99 ng/ml



#36 AR-1262-1

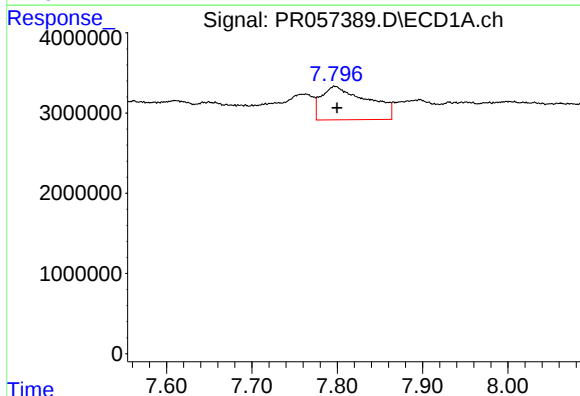
R.T.: 7.216 min
Delta R.T.: -0.002 min
Response: 2641569
Conc: 14.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



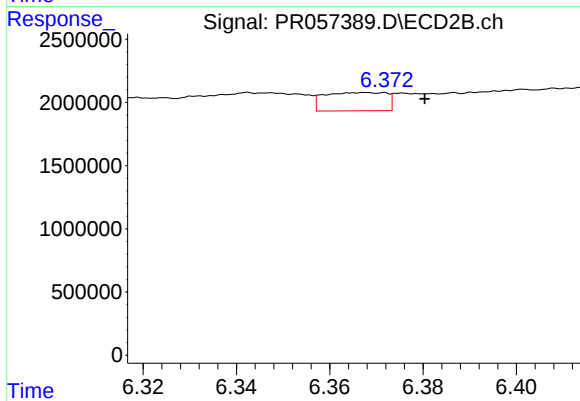
#36 AR-1262-1

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 2112291
Conc: 21.85 ng/ml



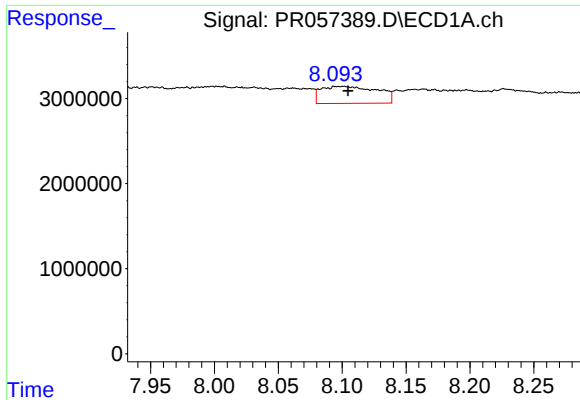
#37 AR-1262-2

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 15677815
Conc: 49.39 ng/ml



#37 AR-1262-2

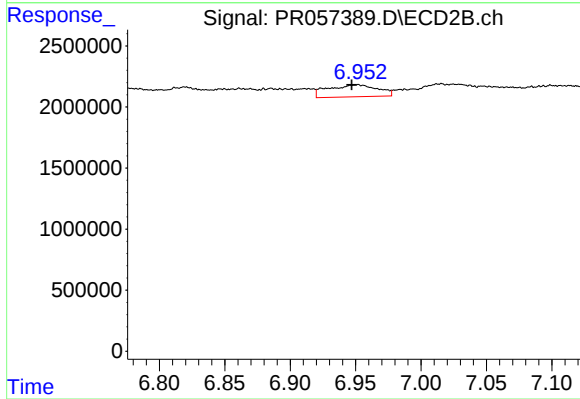
R.T.: 6.367 min
Delta R.T.: -0.013 min
Response: 1343472
Conc: 16.39 ng/ml



#38 AR-1262-3

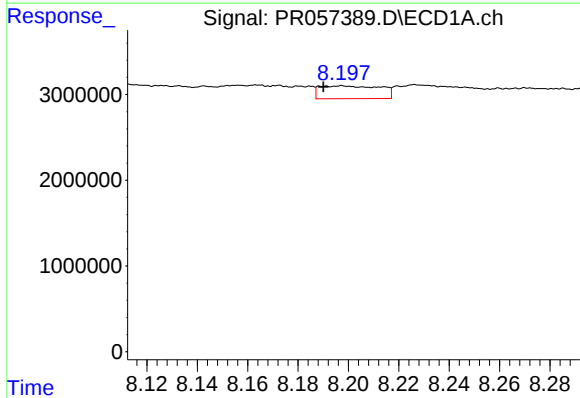
R.T.: 8.099 min
Delta R.T.: -0.006 min
Response: 6179748
Conc: 28.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



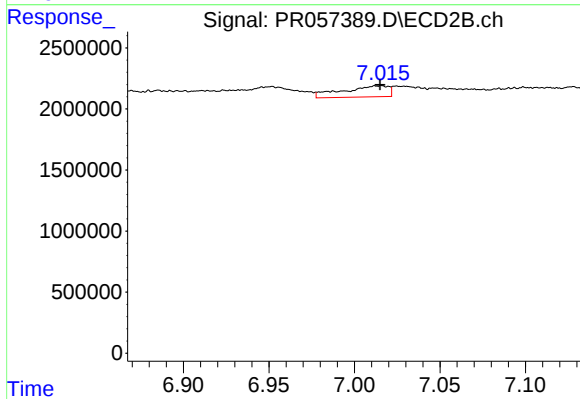
#38 AR-1262-3

R.T.: 6.951 min
Delta R.T.: 0.004 min
Response: 2594777
Conc: 32.34 ng/ml



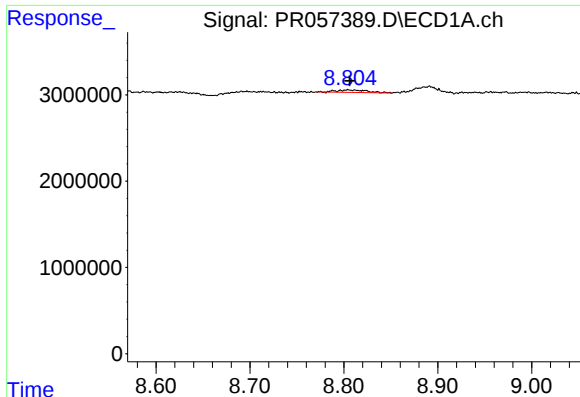
#39 AR-1262-4

R.T.: 8.197 min
Delta R.T.: 0.007 min
Response: 2512597
Conc: 22.25 ng/ml



#39 AR-1262-4

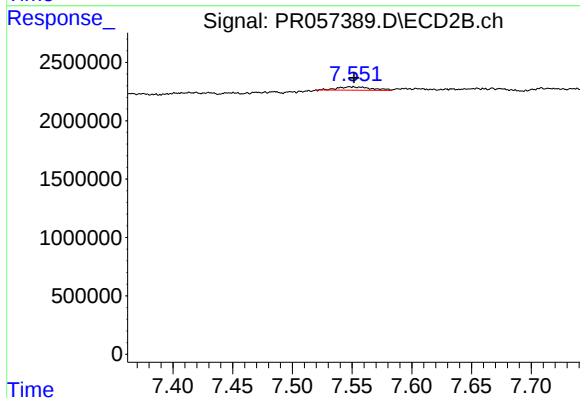
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 1695460
Conc: 11.57 ng/ml



#40 AR-1262-5

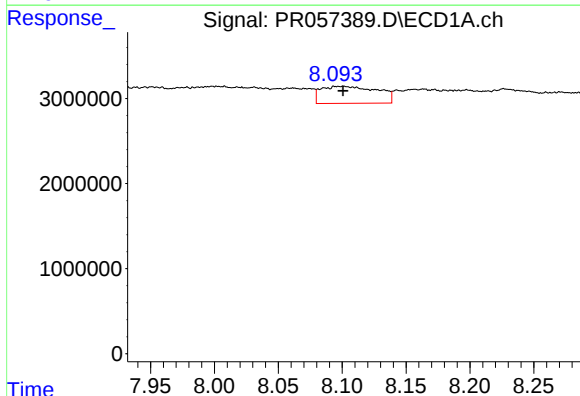
R.T.: 8.805 min
Delta R.T.: -0.001 min
Response: 646124
Conc: 5.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



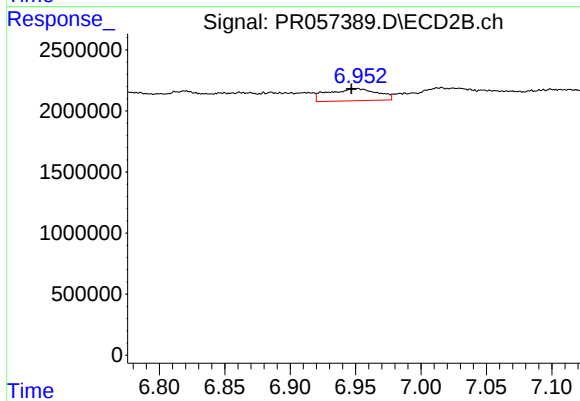
#40 AR-1262-5

R.T.: 7.548 min
Delta R.T.: -0.003 min
Response: 544484
Conc: 7.49 ng/ml



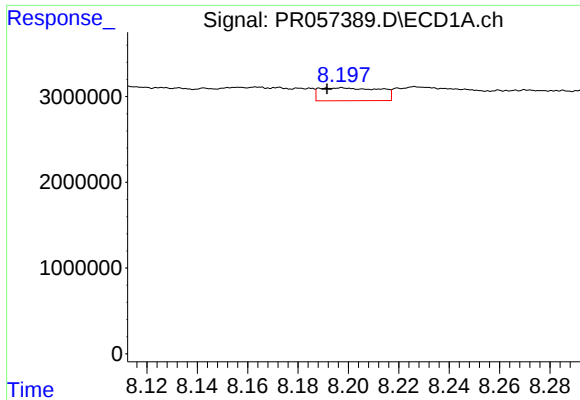
#41 AR-1268-1

R.T.: 8.099 min
Delta R.T.: -0.002 min
Response: 6179748
Conc: 15.42 ng/ml



#41 AR-1268-1

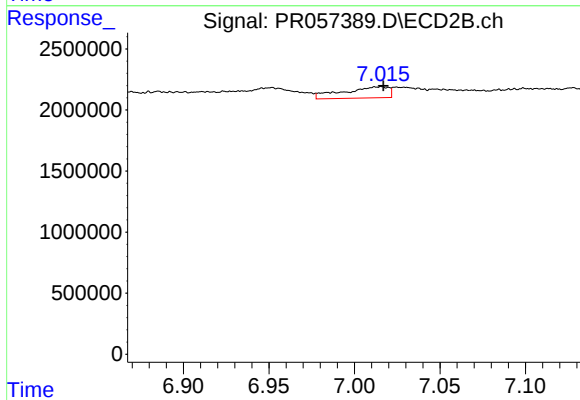
R.T.: 6.951 min
Delta R.T.: 0.005 min
Response: 2594777
Conc: 10.35 ng/ml



#42 AR-1268-2

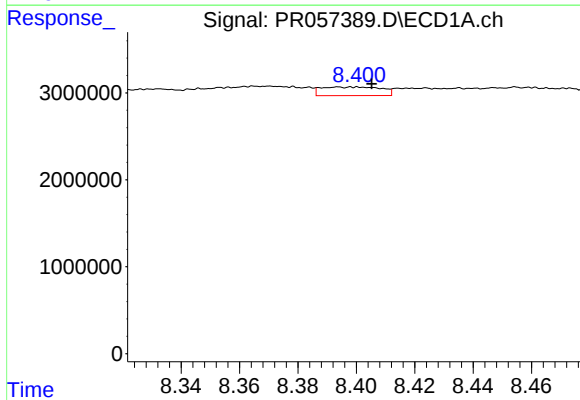
R.T.: 8.197 min
Delta R.T.: 0.005 min
Response: 2512597
Conc: 6.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



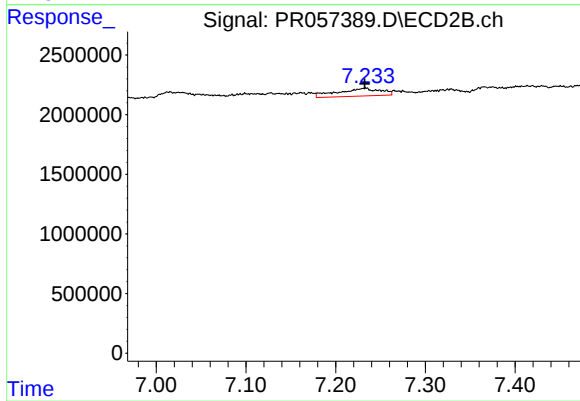
#42 AR-1268-2

R.T.: 7.015 min
Delta R.T.: -0.001 min
Response: 1695460
Conc: 7.02 ng/ml



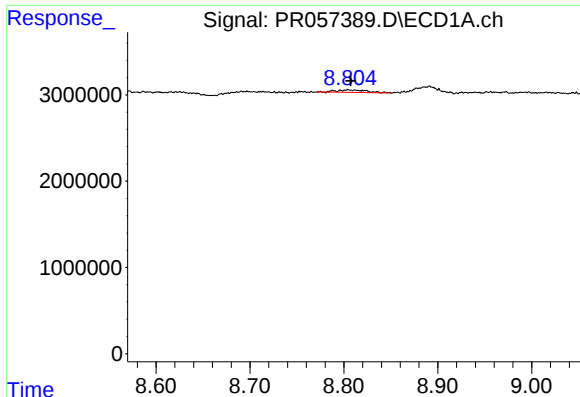
#43 AR-1268-3

R.T.: 8.398 min
Delta R.T.: -0.007 min
Response: 1419563
Conc: 4.47 ng/ml



#43 AR-1268-3

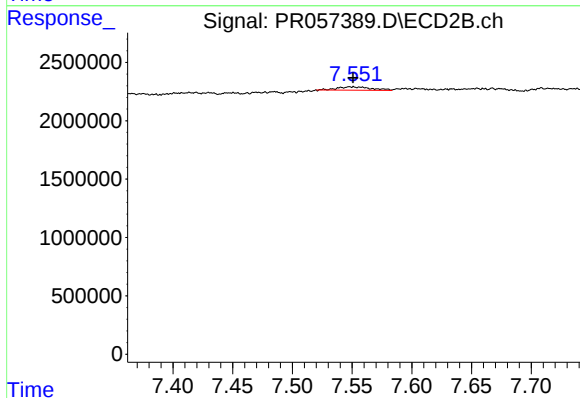
R.T.: 7.234 min
Delta R.T.: 0.001 min
Response: 2180794
Conc: 10.36 ng/ml



#44 AR-1268-4

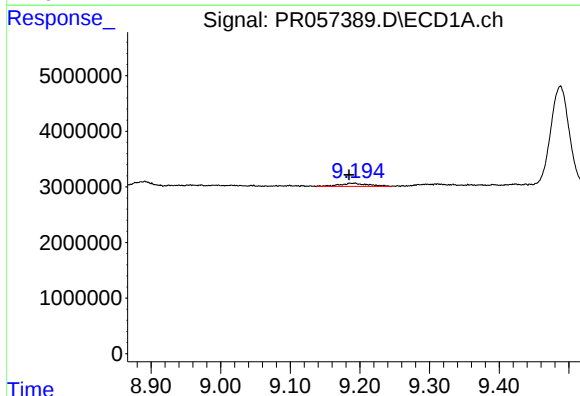
R.T.: 8.805 min
Delta R.T.: -0.002 min
Response: 646124
Conc: 4.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



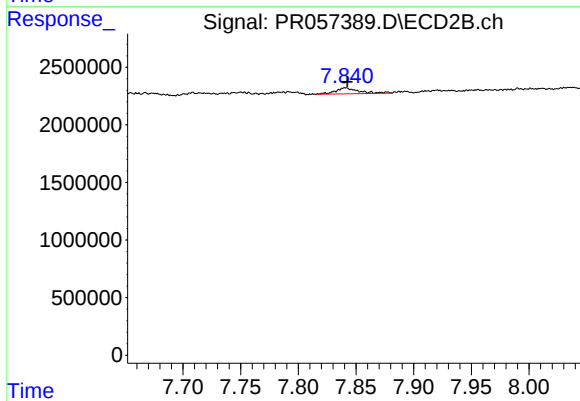
#44 AR-1268-4

R.T.: 7.548 min
Delta R.T.: -0.002 min
Response: 544484
Conc: 6.17 ng/ml



#45 AR-1268-5

R.T.: 9.190 min
Delta R.T.: 0.005 min
Response: 1649005
Conc: 1.70 ng/ml



#45 AR-1268-5

R.T.: 7.841 min
Delta R.T.: -0.001 min
Response: 745894
Conc: 1.09 ng/ml