

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081922\
 Data File : PR056020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2022 22:31
 Operator : AJ\MA
 Sample : N4259-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 04:22:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 12:39:02 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...	3.629	2.902	66496377	28343954	15.584	14.117
2)	SA Decachlor...	9.521	8.114	23359768	21320189	13.138	11.720
Target Compounds							
3)	L1 AR-1016-1	4.848	0.000	991823	0	8.565	N.D. #
4)	L1 AR-1016-2	4.875	0.000	2379295	0	14.498	N.D. #
5)	L1 AR-1016-3	4.951	4.193f	2689815	379238	27.198	7.437 #
6)	L1 AR-1016-4	5.040	4.255	272323	4773708	3.438	125.650 #
7)	L1 AR-1016-5	5.344f	4.473	1369057	15257371	18.935	309.296 #
8)	L2 AR-1221-1	3.854	3.121	15067834	836074	304.894	36.636 #
9)	L2 AR-1221-2	3.933	3.227	7795227	1063625	215.166	62.034 #
10)	L2 AR-1221-3	4.022	3.264f	3310108	574936	31.434	10.981 #
11)	L3 AR-1232-1	4.022	3.264f	3310108	574936	38.165	13.326 #
12)	L3 AR-1232-2	4.584	0.000	8311953	0	193.663	N.D. #
13)	L3 AR-1232-3	4.875	4.193f	2379295	379238	32.512	17.561 #
14)	L3 AR-1232-4	5.040	4.299	272323	2693281	7.890	146.690 #
15)	L3 AR-1232-5	5.146	4.473	2988321	15257371	119.775	737.867 #
16)	L4 AR-1242-1	4.848	0.000	991823	0	10.545	N.D. #
17)	L4 AR-1242-2	4.875	0.000	2379295	0	17.563	N.D. #
18)	L4 AR-1242-3	4.951	4.193f	2689815	379238	33.762	9.343 #
19)	L4 AR-1242-4	5.040	4.299	272323	2693281	4.324	71.545 #
20)	L4 AR-1242-5	5.831	4.844	122.9E6	97234660	2134.152	1964.221
21)	L5 AR-1248-1	4.848	0.000	991823	0	13.644	N.D. #
22)	L5 AR-1248-2	5.146	4.255	2988321	4773708	33.609	86.251 #
23)	L5 AR-1248-3	5.344f	4.299	1369057	2693281	13.758	47.892 #
24)	L5 AR-1248-4	5.801	4.473	63232750	15257371	647.028	224.835 #
25)	L5 AR-1248-5	5.831	4.898f	122.9E6	42884839	1258.901	601.312 #
26)	L6 AR-1254-1	0.000	4.844	0	97234660	N.D.	889.888 #
27)	L6 AR-1254-2	6.014	4.987	90141967	32769874	613.205	338.423 #
28)	L6 AR-1254-3	6.378	5.417	29781366	597133	203.275	3.920 #
29)	L6 AR-1254-4	0.000	5.676	0	637172	N.D.	6.466 #
30)	L6 AR-1254-5	7.180f	6.119	1589571	1435093	14.660	10.592 #
31)	L7 AR-1260-1	0.000	5.541f	0	881117	N.D.	8.745 #
32)	L7 AR-1260-2	6.842	5.768	2025057	758452	16.366	6.203 #
33)	L7 AR-1260-3	0.000	5.903	0	704936	N.D.	6.233 #
34)	L7 AR-1260-4	7.505f	0.000	2279505	0	22.203	N.D. #
35)	L7 AR-1260-5	7.823	6.688	2956347	475818	15.208	2.119 #
36)	L8 AR-1262-1	0.000	6.172f	0	310781	N.D.	2.311 #
37)	L8 AR-1262-2	7.823	0.000	2956347	0	13.852	N.D. #
38)	L8 AR-1262-3	8.123	6.987	1125753	419674	7.635	4.360 #
39)	L8 AR-1262-4	8.224	0.000	696055	0	11.076	N.D. #
41)	L9 AR-1268-1	8.123	6.987	1125753	419674	4.515	1.492 #
42)	L9 AR-1268-2	8.224	0.000	696055	0	3.049	N.D. #

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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	8.408f	0.000	646432	0	3.357	N.D. #
45) L9	AR-1268-5	9.235	7.878	579052	487999	0.947	0.716

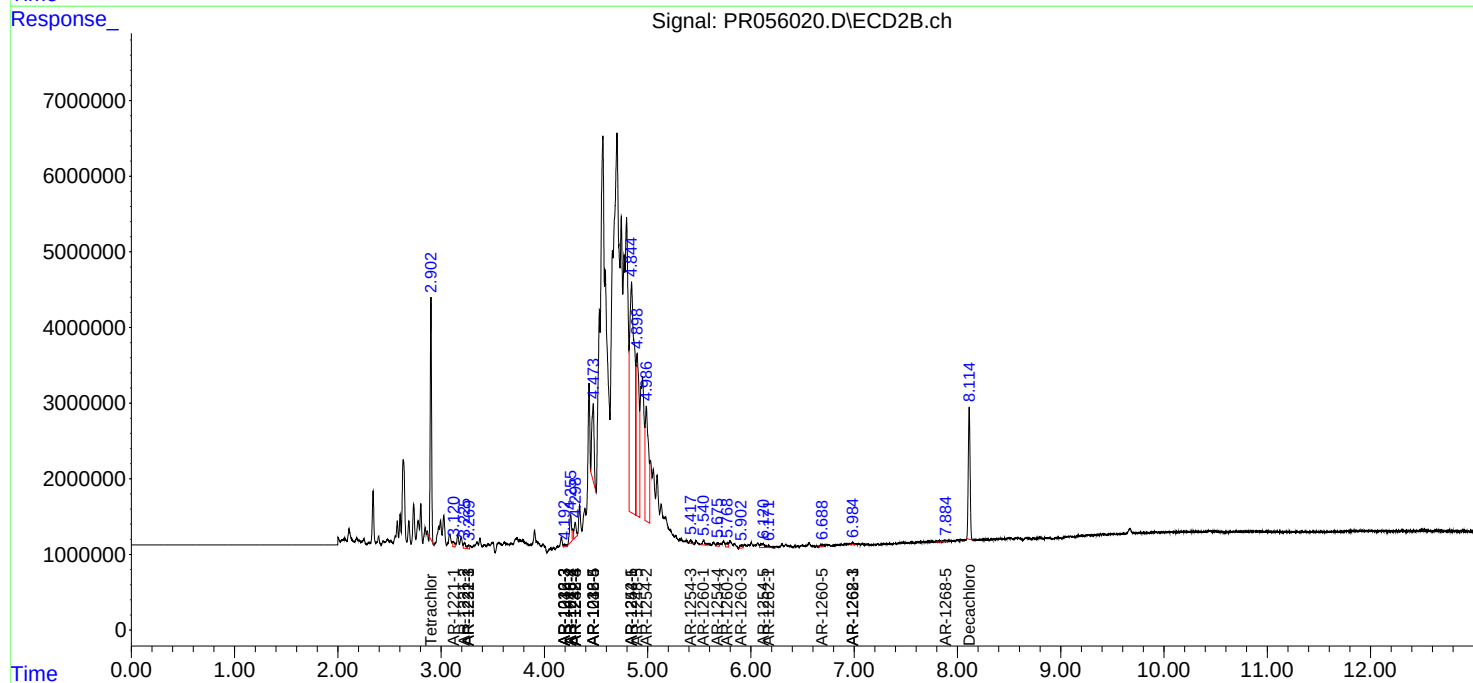
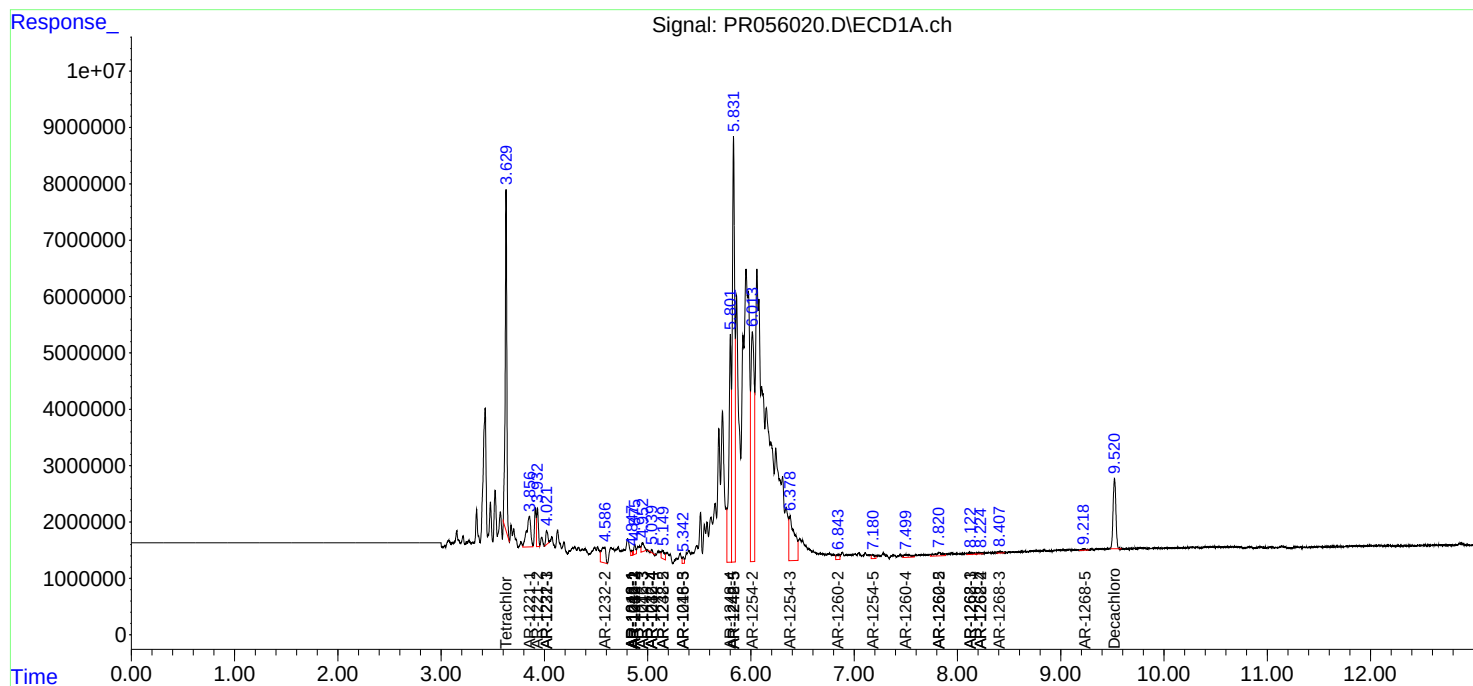
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

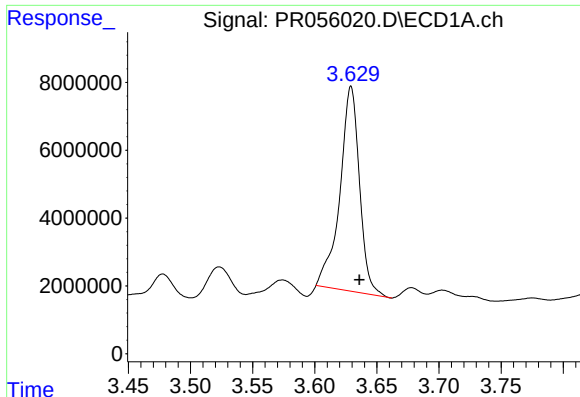
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

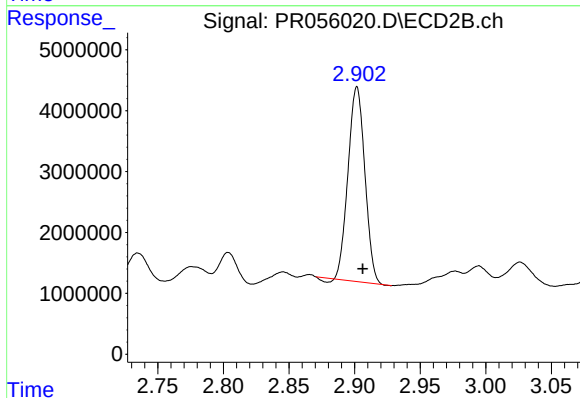




#1 Tetrachloro-m-xylene

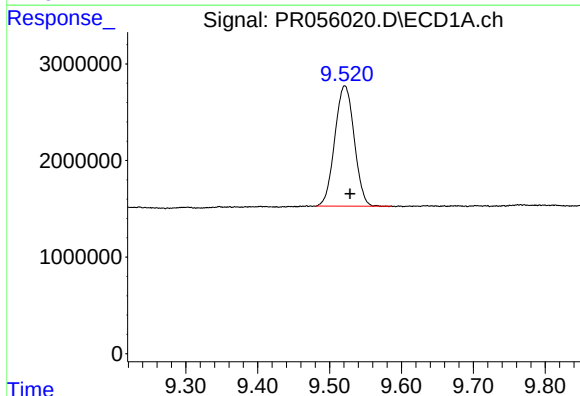
R.T.: 3.629 min
Delta R.T.: -0.007 min
Response: 66496377
Conc: 15.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



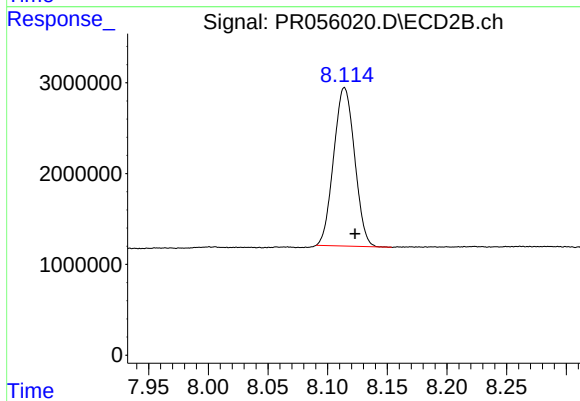
#1 Tetrachloro-m-xylene

R.T.: 2.902 min
Delta R.T.: -0.004 min
Response: 28343954
Conc: 14.12 ng/ml



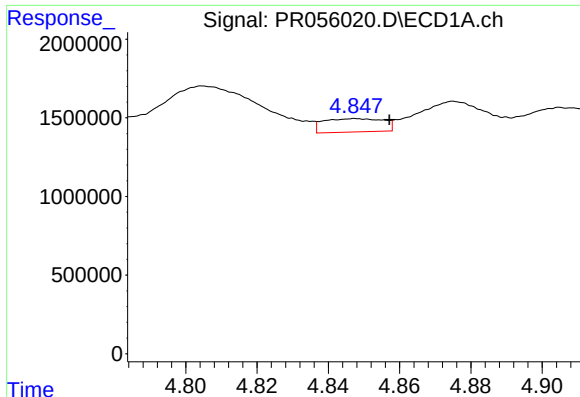
#2 Decachlorobiphenyl

R.T.: 9.521 min
Delta R.T.: -0.007 min
Response: 23359768
Conc: 13.14 ng/ml



#2 Decachlorobiphenyl

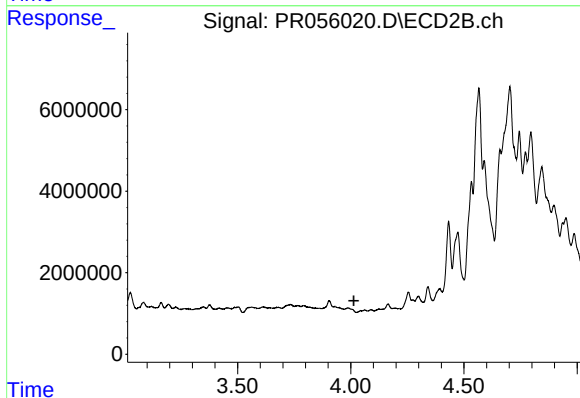
R.T.: 8.114 min
Delta R.T.: -0.009 min
Response: 21320189
Conc: 11.72 ng/ml



#3 AR-1016-1

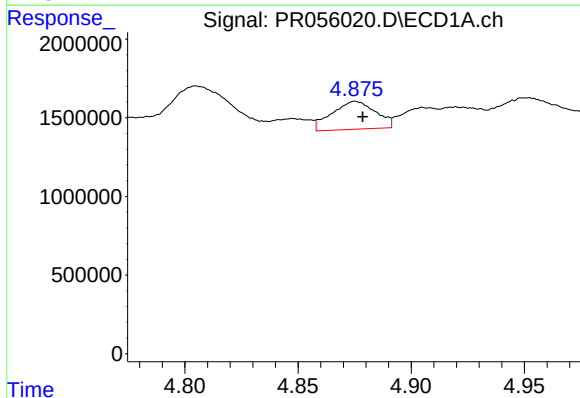
R.T.: 4.848 min
Delta R.T.: -0.009 min
Response: 991823
Conc: 8.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



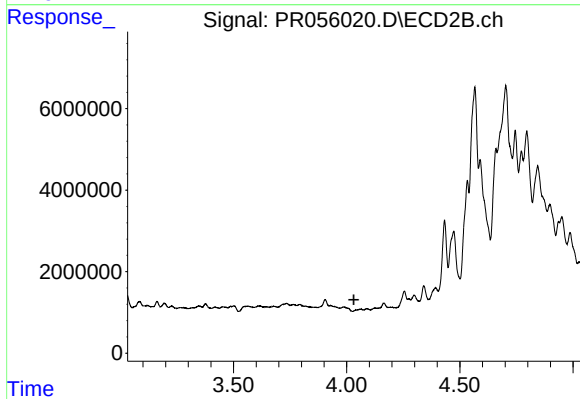
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.014 min
Response: 0
Conc: N.D.



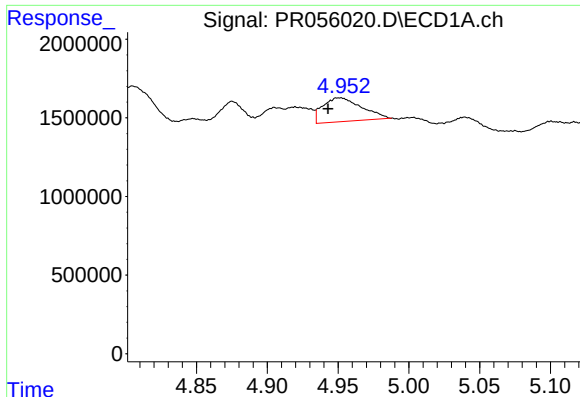
#4 AR-1016-2

R.T.: 4.875 min
Delta R.T.: -0.003 min
Response: 2379295
Conc: 14.50 ng/ml



#4 AR-1016-2

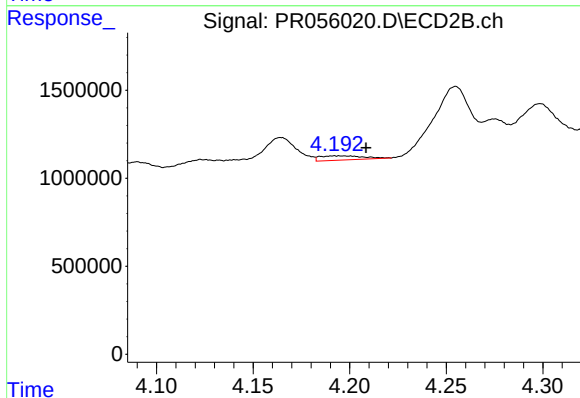
R.T.: 0.000 min
Exp R.T. : 4.032 min
Response: 0
Conc: N.D.



#5 AR-1016-3

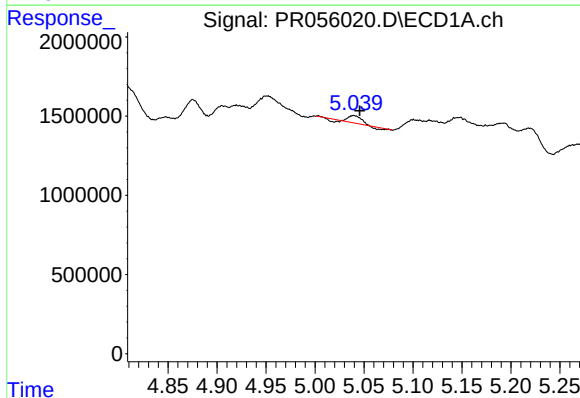
R.T.: 4.951 min
Delta R.T.: 0.008 min
Response: 2689815
Conc: 27.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



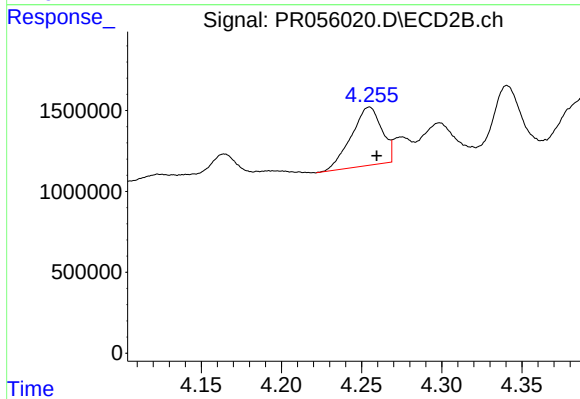
#5 AR-1016-3

R.T.: 4.193 min
Delta R.T.: -0.016 min
Response: 379238
Conc: 7.44 ng/ml



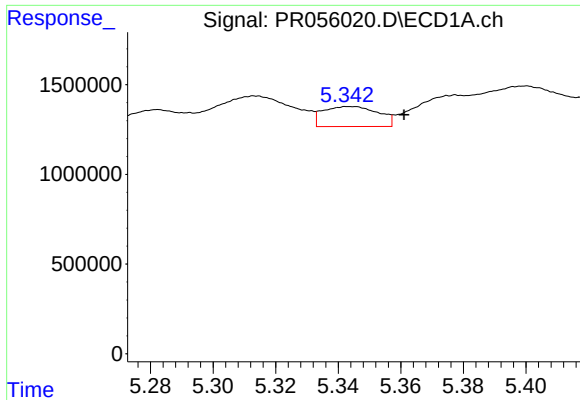
#6 AR-1016-4

R.T.: 5.040 min
Delta R.T.: -0.006 min
Response: 272323
Conc: 3.44 ng/ml



#6 AR-1016-4

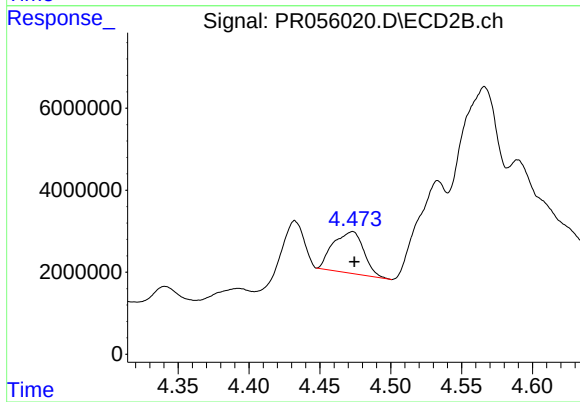
R.T.: 4.255 min
Delta R.T.: -0.005 min
Response: 4773708
Conc: 125.65 ng/ml



#7 AR-1016-5

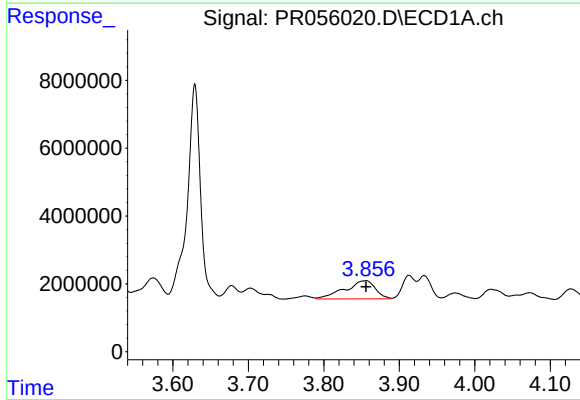
R.T.: 5.344 min
Delta R.T.: -0.017 min
Response: 1369057
Conc: 18.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



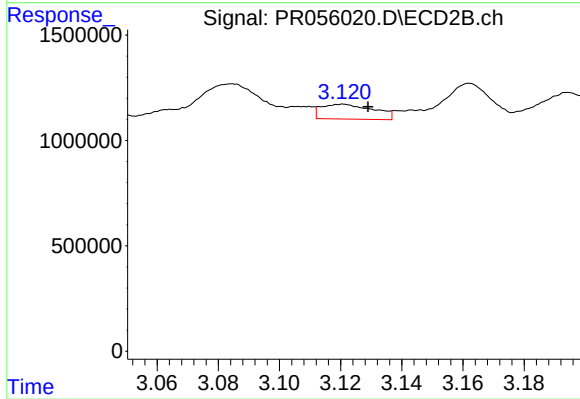
#7 AR-1016-5

R.T.: 4.473 min
Delta R.T.: -0.001 min
Response: 15257371
Conc: 309.30 ng/ml



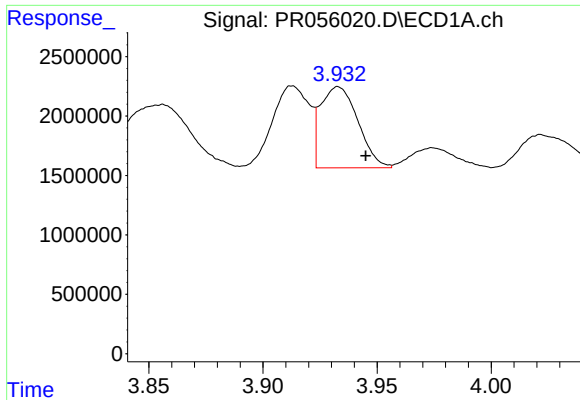
#8 AR-1221-1

R.T.: 3.854 min
Delta R.T.: -0.002 min
Response: 15067834
Conc: 304.89 ng/ml



#8 AR-1221-1

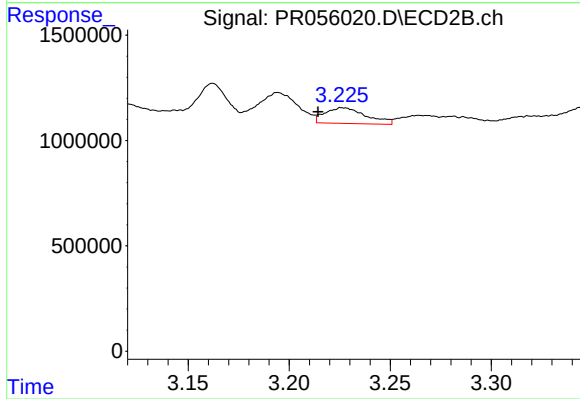
R.T.: 3.121 min
Delta R.T.: -0.008 min
Response: 836074
Conc: 36.64 ng/ml



#9 AR-1221-2

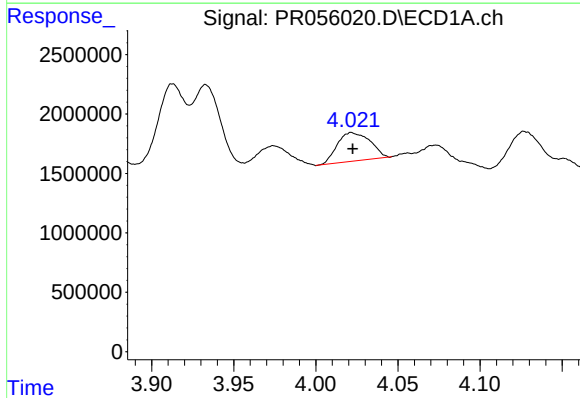
R.T.: 3.933 min
Delta R.T.: -0.012 min
Response: 7795227
Conc: 215.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



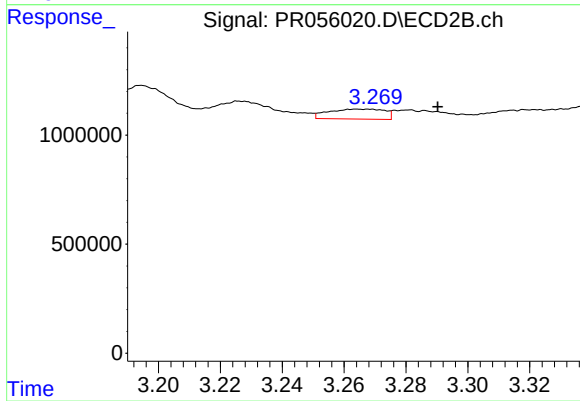
#9 AR-1221-2

R.T.: 3.227 min
Delta R.T.: 0.012 min
Response: 1063625
Conc: 62.03 ng/ml



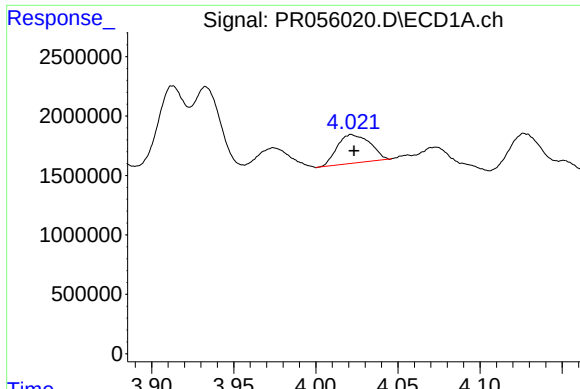
#10 AR-1221-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 3310108
Conc: 31.43 ng/ml



#10 AR-1221-3

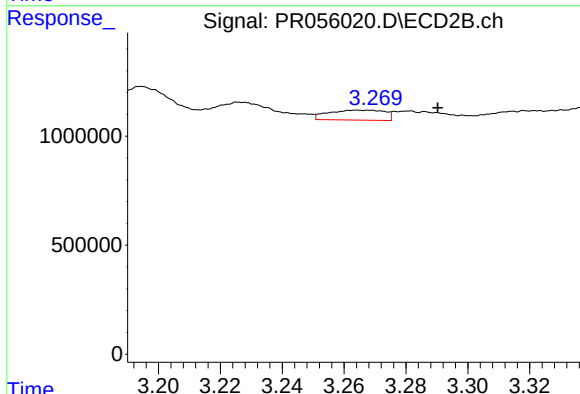
R.T.: 3.264 min
Delta R.T.: -0.026 min
Response: 574936
Conc: 10.98 ng/ml



#11 AR-1232-1

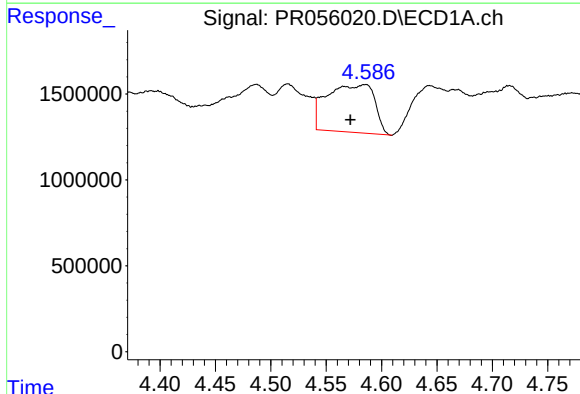
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 3310108
Conc: 38.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



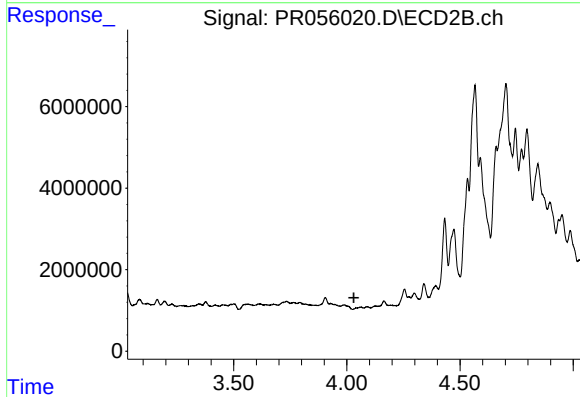
#11 AR-1232-1

R.T.: 3.264 min
Delta R.T.: -0.026 min
Response: 574936
Conc: 13.33 ng/ml



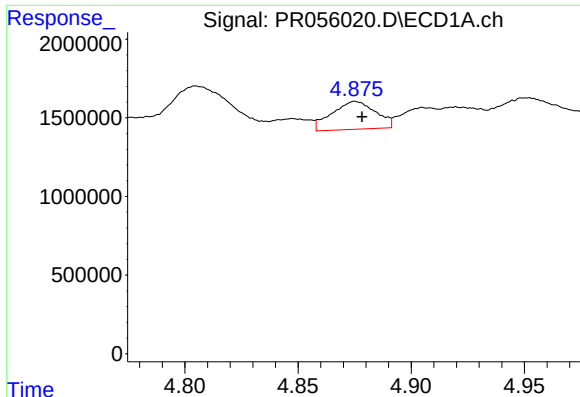
#12 AR-1232-2

R.T.: 4.584 min
Delta R.T.: 0.012 min
Response: 8311953
Conc: 193.66 ng/ml



#12 AR-1232-2

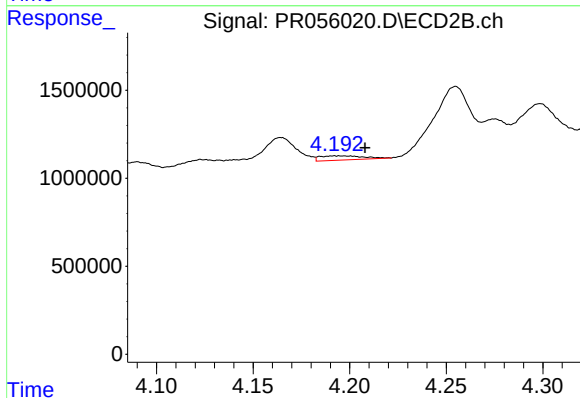
R.T.: 0.000 min
Exp R.T. : 4.031 min
Response: 0
Conc: N.D.



#13 AR-1232-3

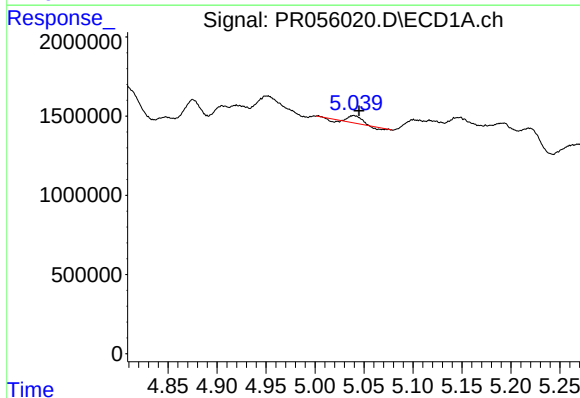
R.T.: 4.875 min
Delta R.T.: -0.003 min
Response: 2379295
Conc: 32.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



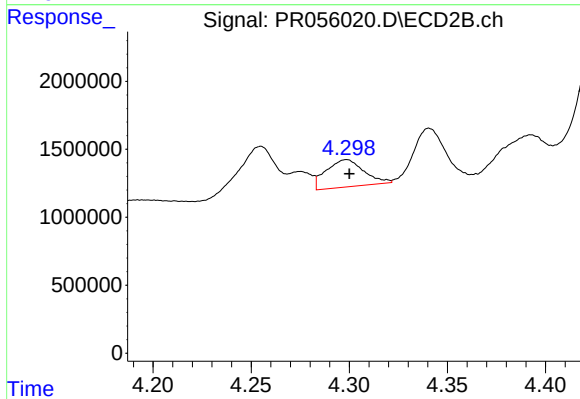
#13 AR-1232-3

R.T.: 4.193 min
Delta R.T.: -0.015 min
Response: 379238
Conc: 17.56 ng/ml



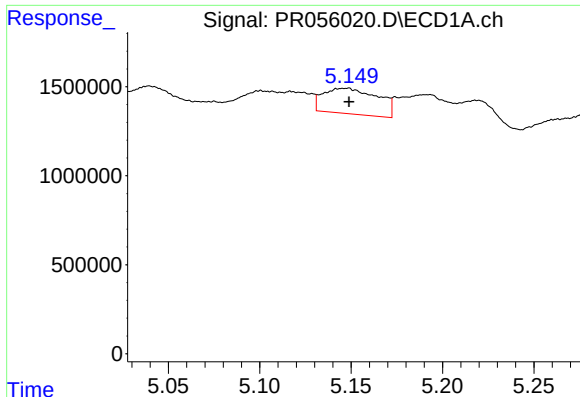
#14 AR-1232-4

R.T.: 5.040 min
Delta R.T.: -0.005 min
Response: 272323
Conc: 7.89 ng/ml



#14 AR-1232-4

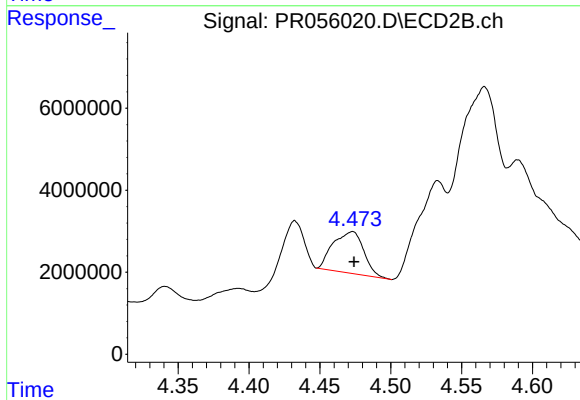
R.T.: 4.299 min
Delta R.T.: -0.001 min
Response: 2693281
Conc: 146.69 ng/ml



#15 AR-1232-5

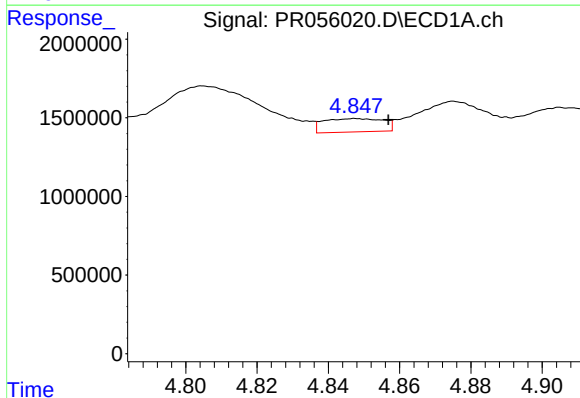
R.T.: 5.146 min
Delta R.T.: -0.002 min
Response: 2988321
Conc: 119.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



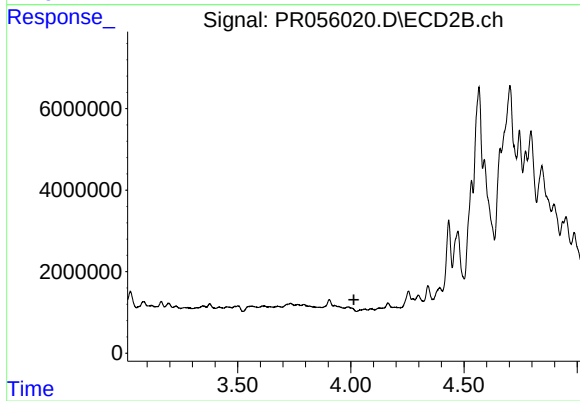
#15 AR-1232-5

R.T.: 4.473 min
Delta R.T.: -0.001 min
Response: 15257371
Conc: 737.87 ng/ml



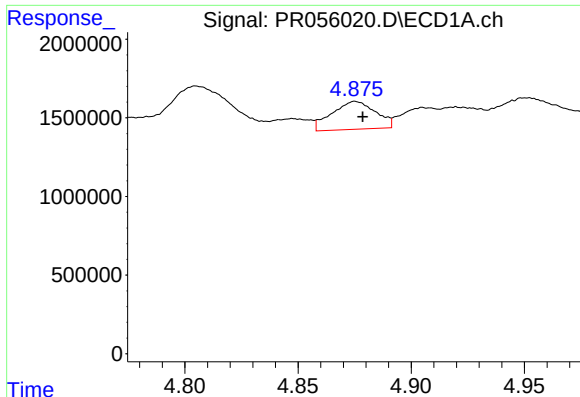
#16 AR-1242-1

R.T.: 4.848 min
Delta R.T.: -0.009 min
Response: 991823
Conc: 10.55 ng/ml



#16 AR-1242-1

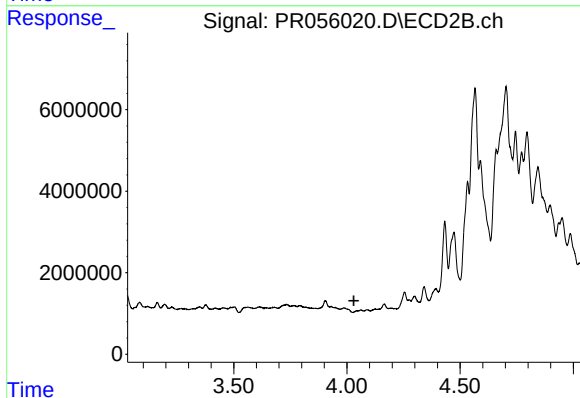
R.T.: 0.000 min
Exp R.T. : 4.013 min
Response: 0
Conc: N.D.



#17 AR-1242-2

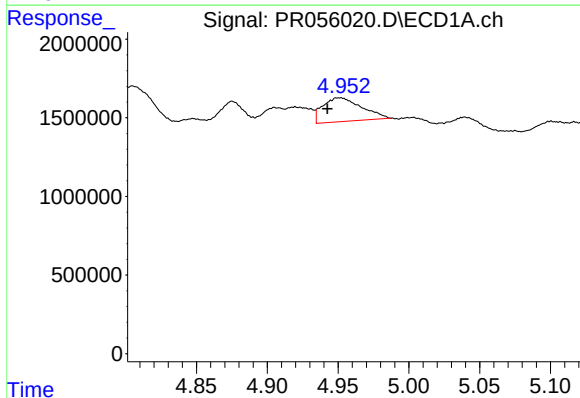
R.T.: 4.875 min
Delta R.T.: -0.003 min
Response: 2379295
Conc: 17.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



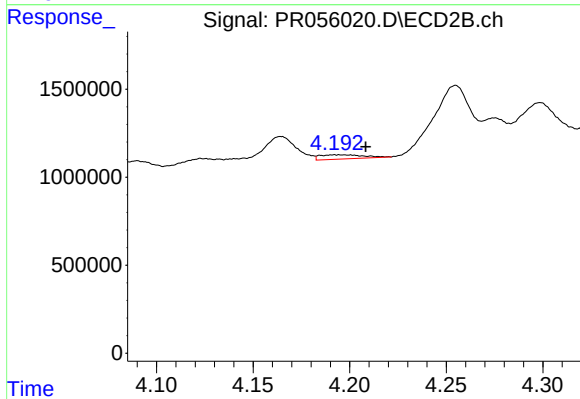
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.031 min
Response: 0
Conc: N.D.



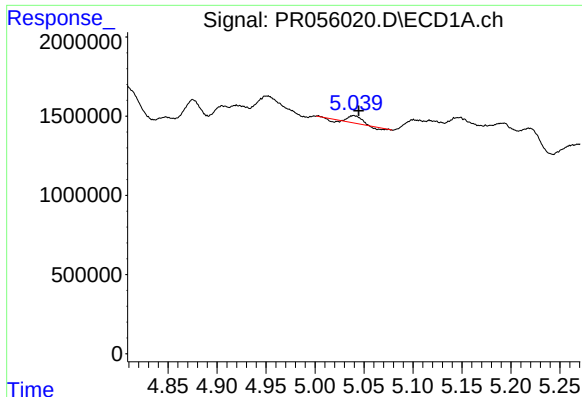
#18 AR-1242-3

R.T.: 4.951 min
Delta R.T.: 0.009 min
Response: 2689815
Conc: 33.76 ng/ml



#18 AR-1242-3

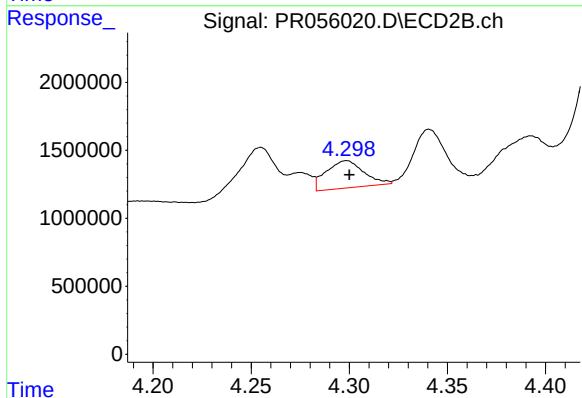
R.T.: 4.193 min
Delta R.T.: -0.016 min
Response: 379238
Conc: 9.34 ng/ml



#19 AR-1242-4

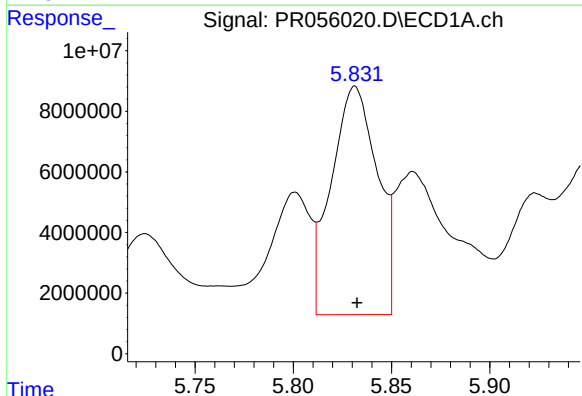
R.T.: 5.040 min
Delta R.T.: -0.005 min
Response: 272323
Conc: 4.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



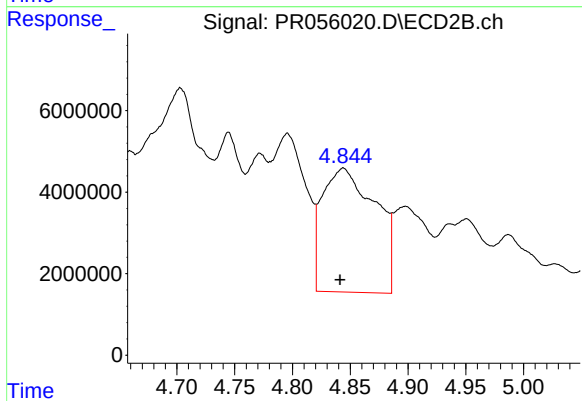
#19 AR-1242-4

R.T.: 4.299 min
Delta R.T.: -0.001 min
Response: 2693281
Conc: 71.55 ng/ml



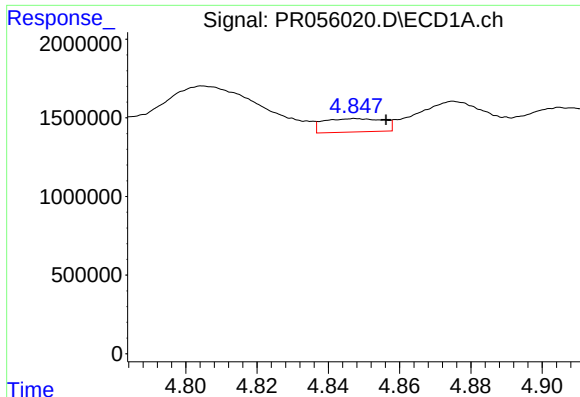
#20 AR-1242-5

R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 122906166
Conc: 2134.15 ng/ml



#20 AR-1242-5

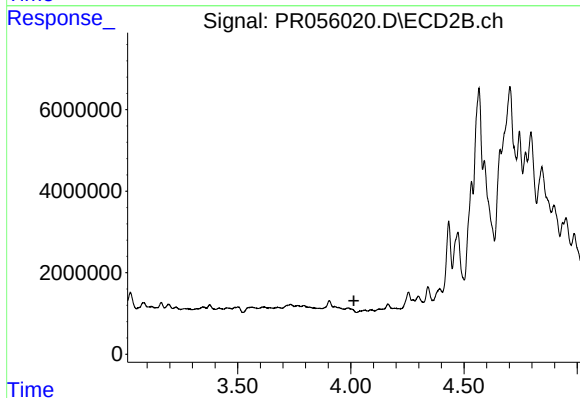
R.T.: 4.844 min
Delta R.T.: 0.003 min
Response: 97234660
Conc: 1964.22 ng/ml



#21 AR-1248-1

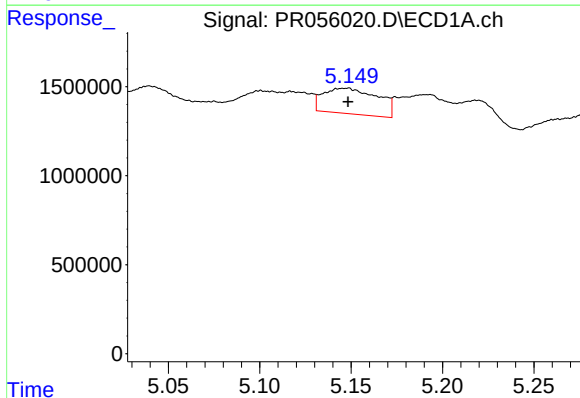
R.T.: 4.848 min
Delta R.T.: -0.008 min
Response: 991823
Conc: 13.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



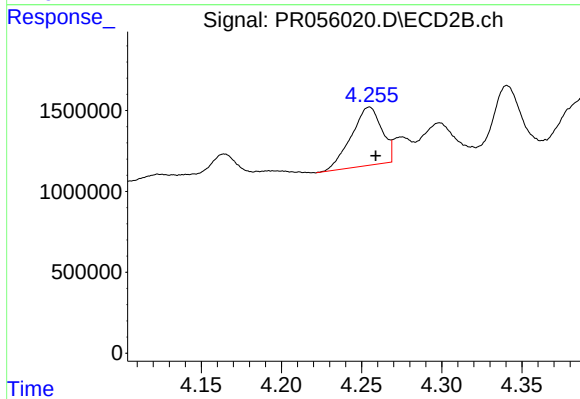
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.013 min
Response: 0
Conc: N.D.



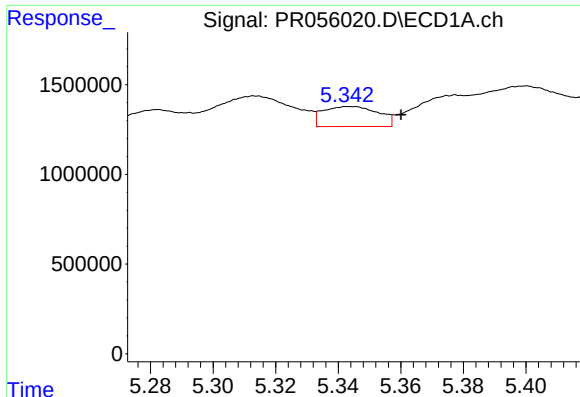
#22 AR-1248-2

R.T.: 5.146 min
Delta R.T.: -0.002 min
Response: 2988321
Conc: 33.61 ng/ml



#22 AR-1248-2

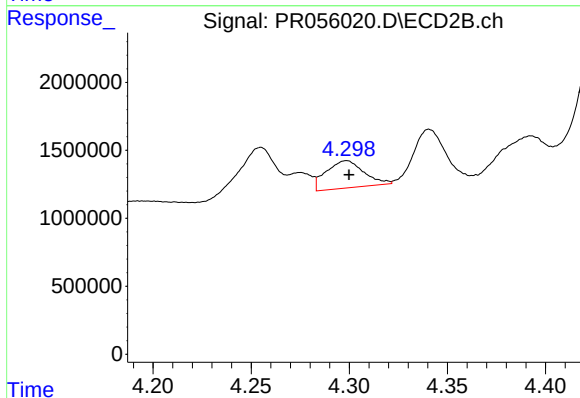
R.T.: 4.255 min
Delta R.T.: -0.004 min
Response: 4773708
Conc: 86.25 ng/ml



#23 AR-1248-3

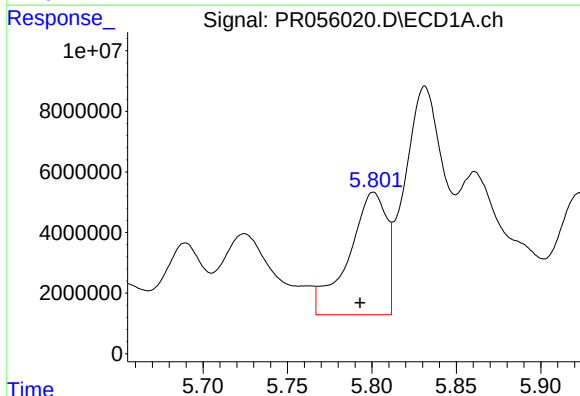
R.T.: 5.344 min
Delta R.T.: -0.016 min
Response: 1369057
Conc: 13.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



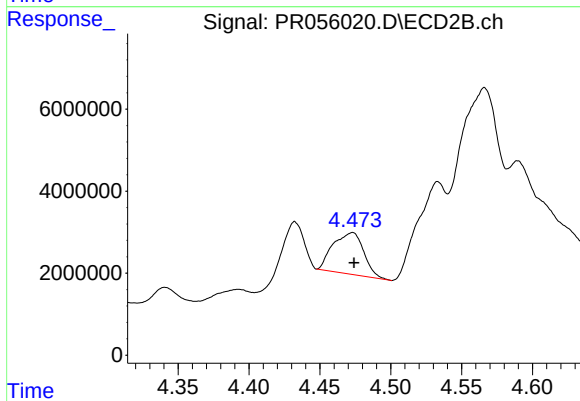
#23 AR-1248-3

R.T.: 4.299 min
Delta R.T.: -0.001 min
Response: 2693281
Conc: 47.89 ng/ml



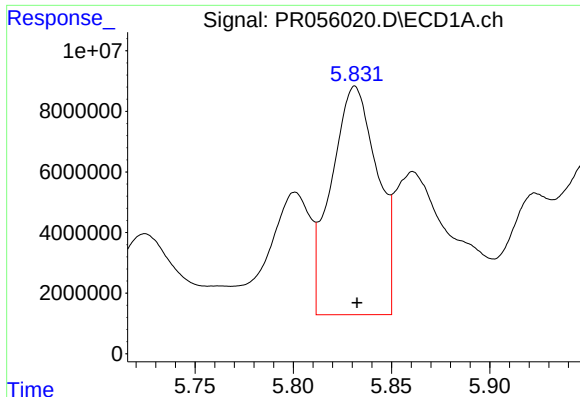
#24 AR-1248-4

R.T.: 5.801 min
Delta R.T.: 0.008 min
Response: 63232750
Conc: 647.03 ng/ml



#24 AR-1248-4

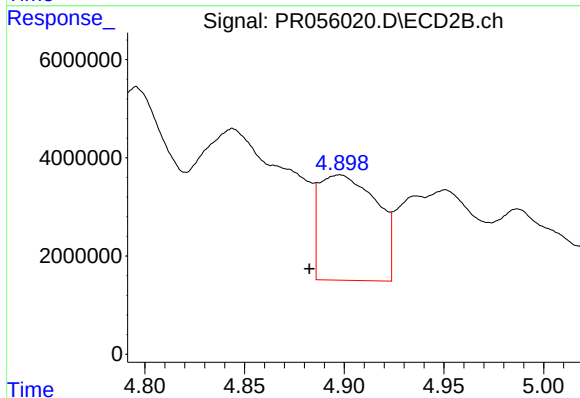
R.T.: 4.473 min
Delta R.T.: -0.001 min
Response: 15257371
Conc: 224.83 ng/ml



#25 AR-1248-5

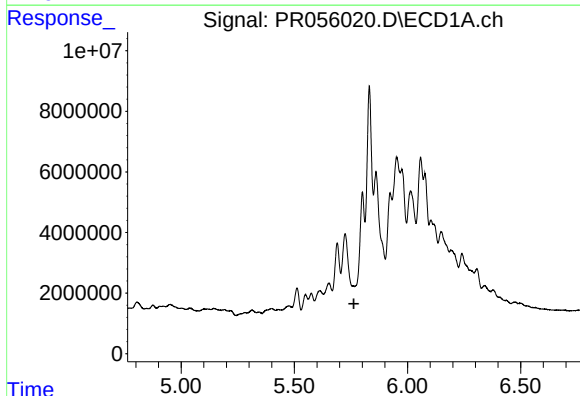
R.T.: 5.831 min
Delta R.T.: -0.001 min
Response: 122906166
Conc: 1258.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



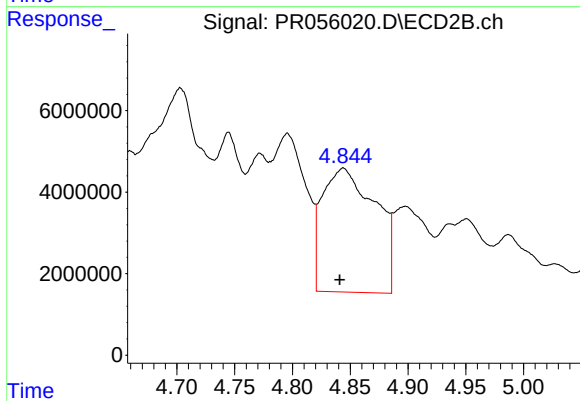
#25 AR-1248-5

R.T.: 4.898 min
Delta R.T.: 0.015 min
Response: 42884839
Conc: 601.31 ng/ml



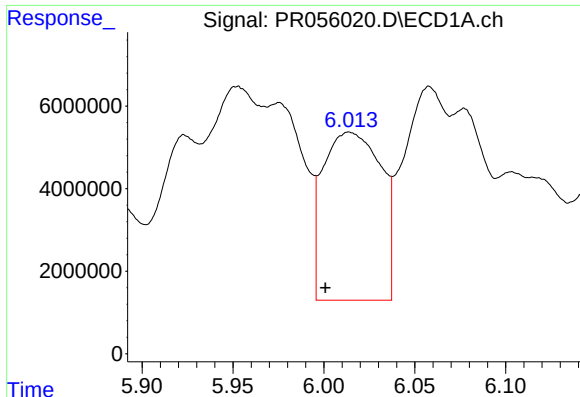
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.763 min
Response: 0
Conc: N.D.



#26 AR-1254-1

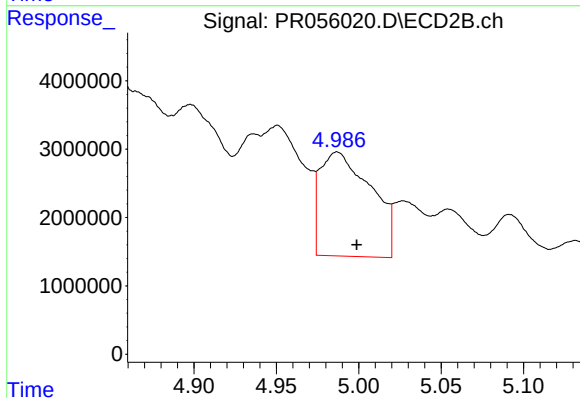
R.T.: 4.844 min
Delta R.T.: 0.003 min
Response: 97234660
Conc: 889.89 ng/ml



#27 AR-1254-2

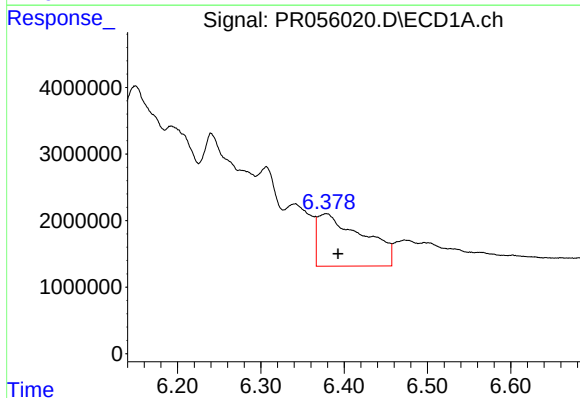
R.T.: 6.014 min
Delta R.T.: 0.013 min
Response: 90141967
Conc: 613.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



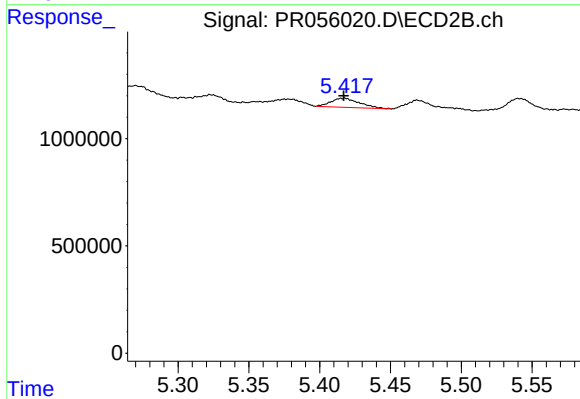
#27 AR-1254-2

R.T.: 4.987 min
Delta R.T.: -0.012 min
Response: 32769874
Conc: 338.42 ng/ml



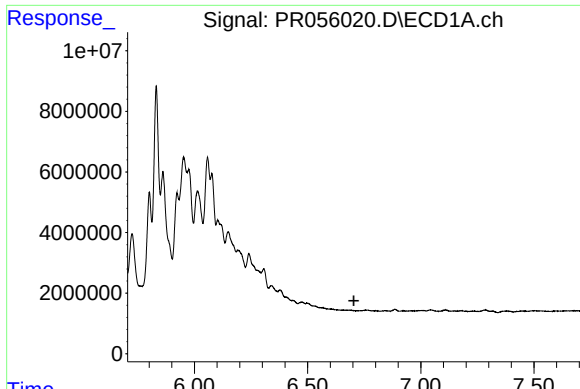
#28 AR-1254-3

R.T.: 6.378 min
Delta R.T.: -0.015 min
Response: 29781366
Conc: 203.27 ng/ml



#28 AR-1254-3

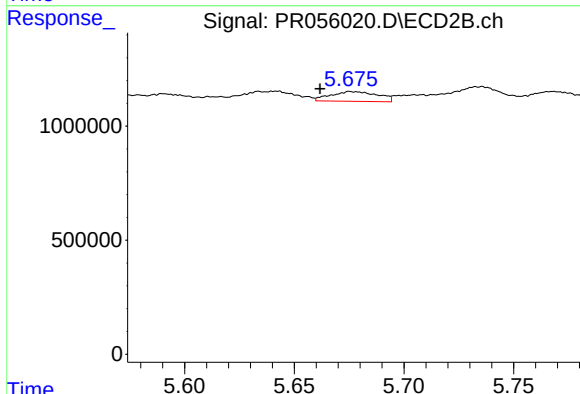
R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 597133
Conc: 3.92 ng/ml



#29 AR-1254-4

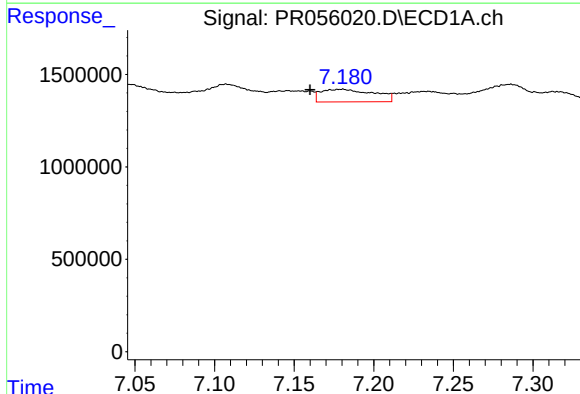
R.T.: 0.000 min
Exp R.T.: 6.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



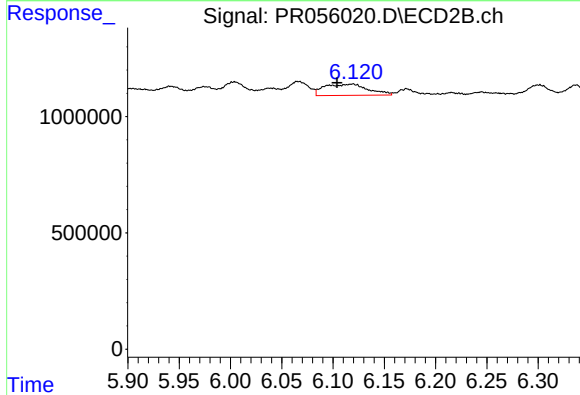
#29 AR-1254-4

R.T.: 5.676 min
Delta R.T.: 0.014 min
Response: 637172
Conc: 6.47 ng/ml



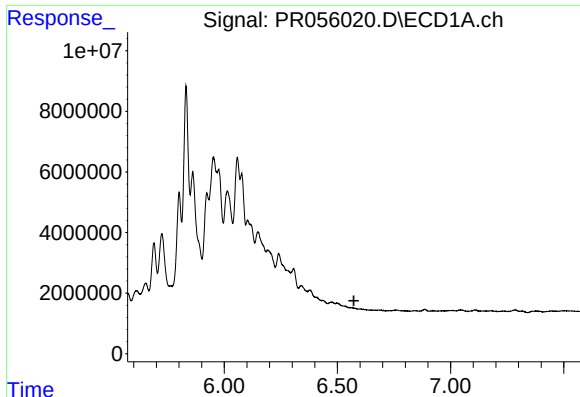
#30 AR-1254-5

R.T.: 7.180 min
Delta R.T.: 0.020 min
Response: 1589571
Conc: 14.66 ng/ml



#30 AR-1254-5

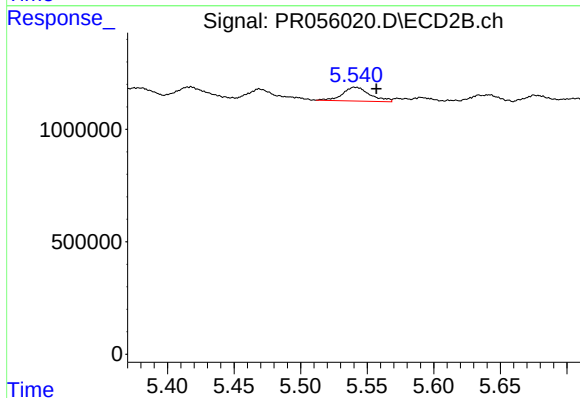
R.T.: 6.119 min
Delta R.T.: 0.015 min
Response: 1435093
Conc: 10.59 ng/ml



#31 AR-1260-1

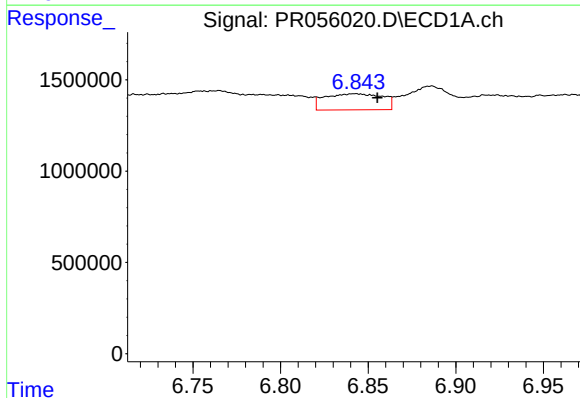
R.T.: 0.000 min
Exp R.T.: 6.573 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



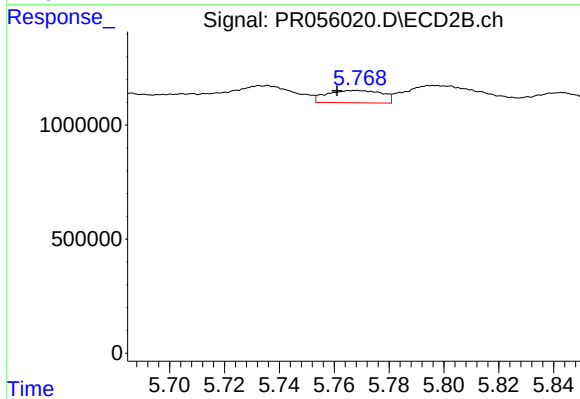
#31 AR-1260-1

R.T.: 5.541 min
Delta R.T.: -0.016 min
Response: 881117
Conc: 8.74 ng/ml



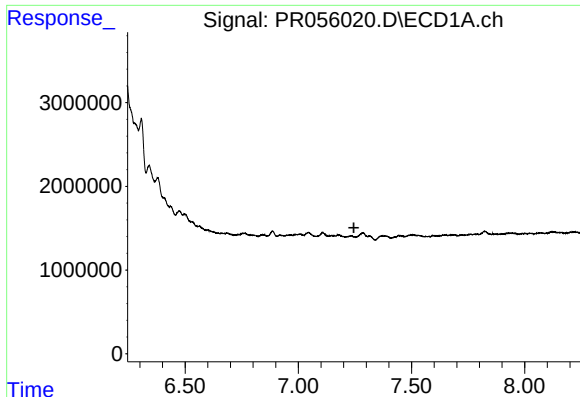
#32 AR-1260-2

R.T.: 6.842 min
Delta R.T.: -0.013 min
Response: 2025057
Conc: 16.37 ng/ml



#32 AR-1260-2

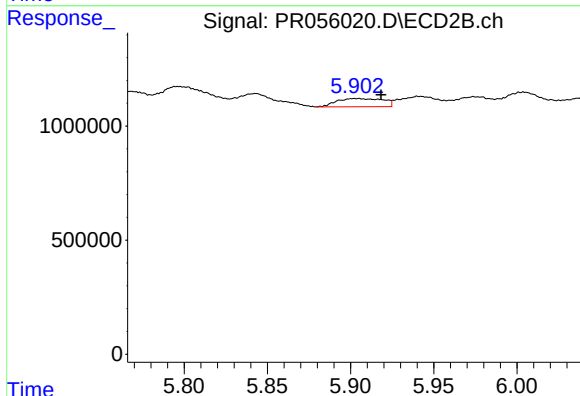
R.T.: 5.768 min
Delta R.T.: 0.007 min
Response: 758452
Conc: 6.20 ng/ml



#33 AR-1260-3

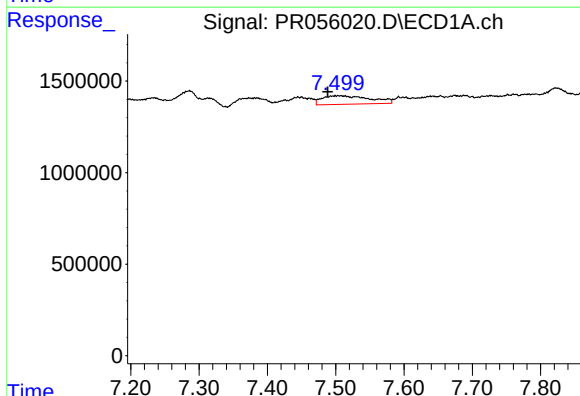
R.T.: 0.000 min
Exp R.T.: 7.246 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



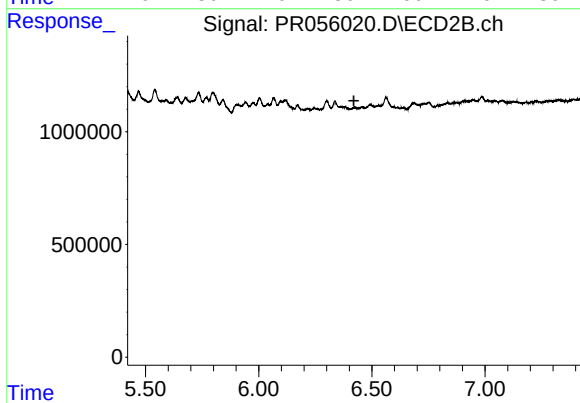
#33 AR-1260-3

R.T.: 5.903 min
Delta R.T.: -0.015 min
Response: 704936
Conc: 6.23 ng/ml



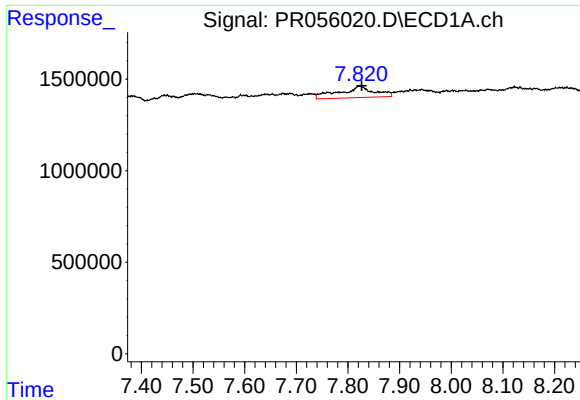
#34 AR-1260-4

R.T.: 7.505 min
Delta R.T.: 0.017 min
Response: 2279505
Conc: 22.20 ng/ml



#34 AR-1260-4

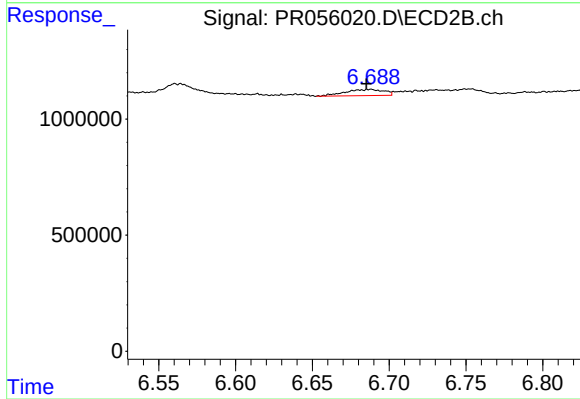
R.T.: 0.000 min
Exp R.T.: 6.421 min
Response: 0
Conc: N.D.



#35 AR-1260-5

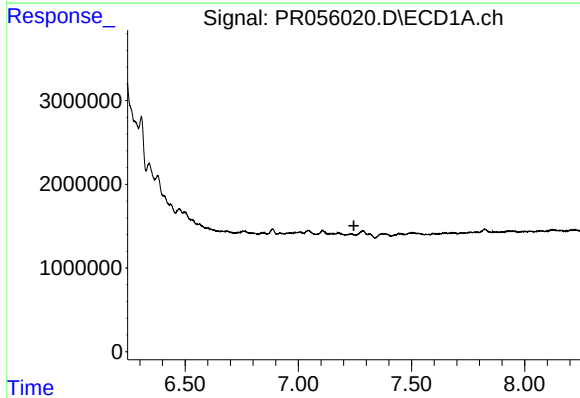
R.T.: 7.823 min
Delta R.T.: -0.004 min
Response: 2956347
Conc: 15.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



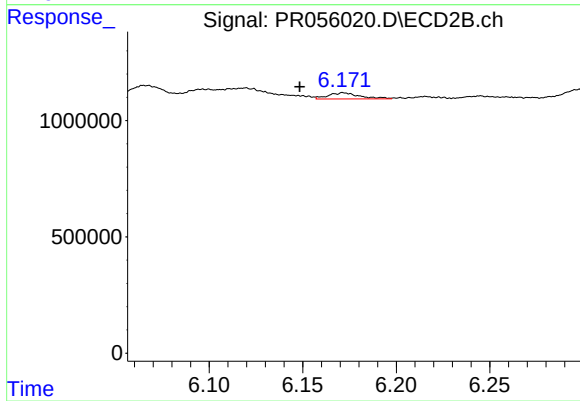
#35 AR-1260-5

R.T.: 6.688 min
Delta R.T.: 0.003 min
Response: 475818
Conc: 2.12 ng/ml



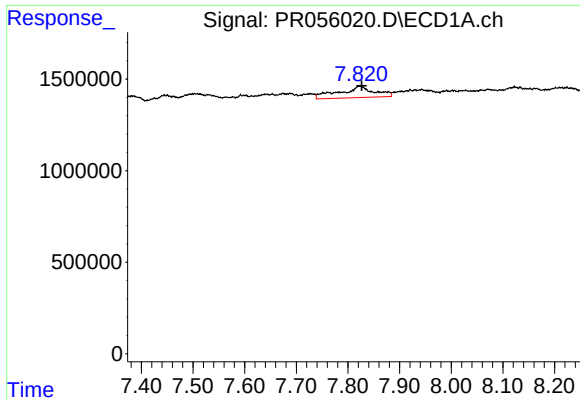
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.245 min
Response: 0
Conc: N.D.



#36 AR-1262-1

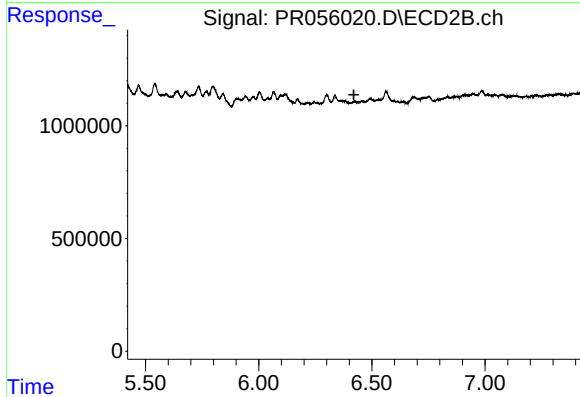
R.T.: 6.172 min
Delta R.T.: 0.023 min
Response: 310781
Conc: 2.31 ng/ml



#37 AR-1262-2

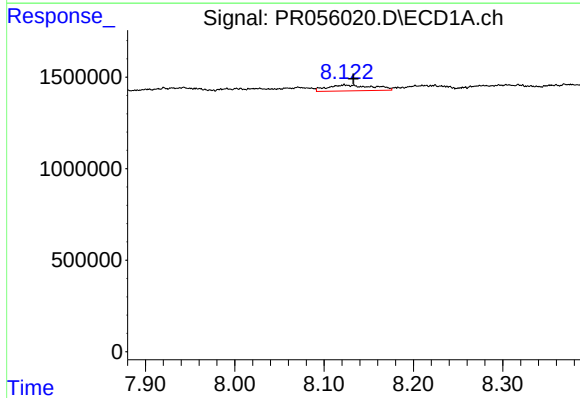
R.T.: 7.823 min
Delta R.T.: -0.004 min
Response: 2956347
Conc: 13.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



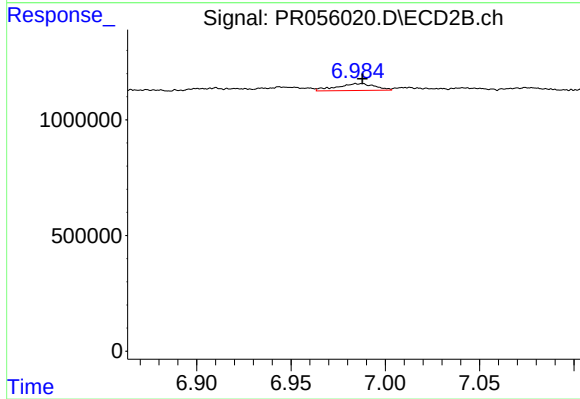
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.420 min
Response: 0
Conc: N.D.



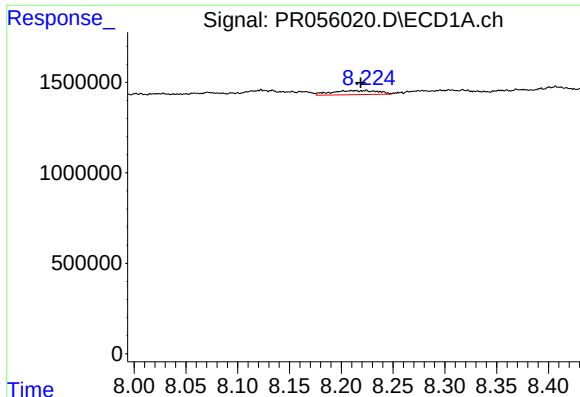
#38 AR-1262-3

R.T.: 8.123 min
Delta R.T.: -0.010 min
Response: 1125753
Conc: 7.64 ng/ml



#38 AR-1262-3

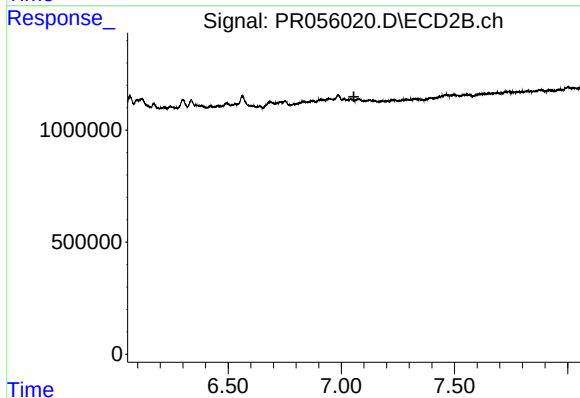
R.T.: 6.987 min
Delta R.T.: -0.001 min
Response: 419674
Conc: 4.36 ng/ml



#39 AR-1262-4

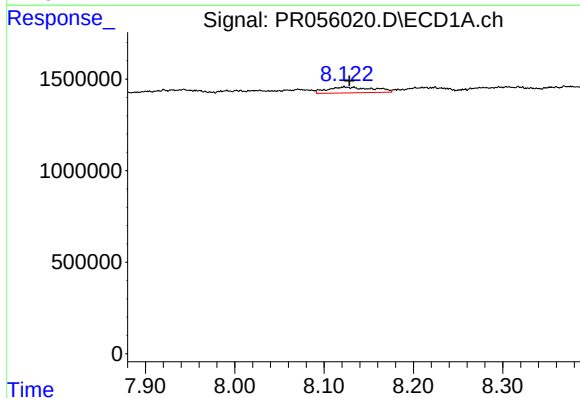
R.T.: 8.224 min
Delta R.T.: 0.005 min
Response: 696055
Conc: 11.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



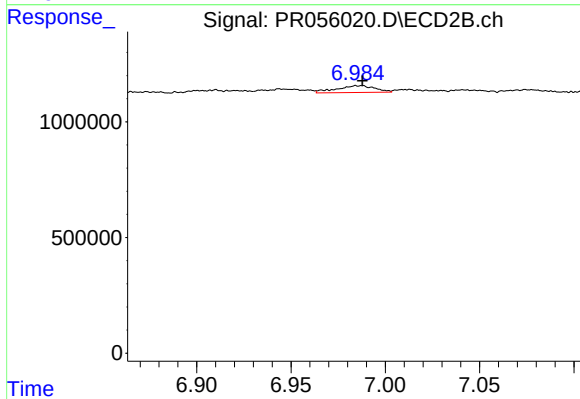
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.056 min
Response: 0
Conc: N.D.



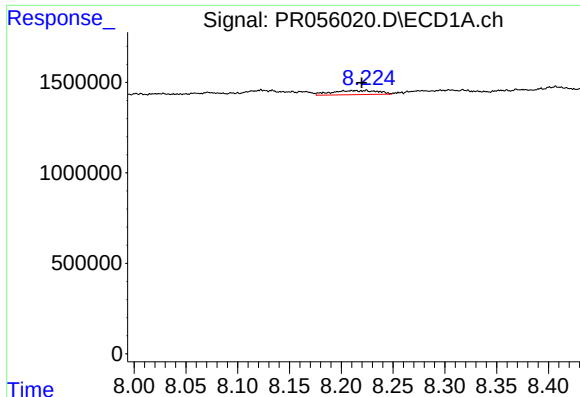
#41 AR-1268-1

R.T.: 8.123 min
Delta R.T.: -0.005 min
Response: 1125753
Conc: 4.51 ng/ml



#41 AR-1268-1

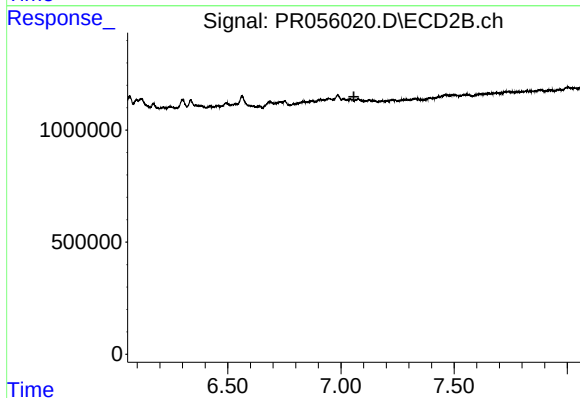
R.T.: 6.987 min
Delta R.T.: -0.001 min
Response: 419674
Conc: 1.49 ng/ml



#42 AR-1268-2

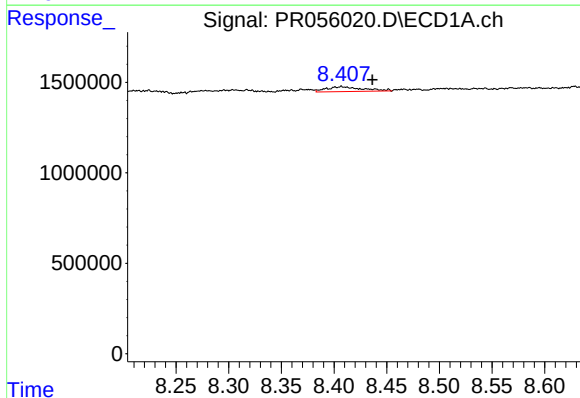
R.T.: 8.224 min
Delta R.T.: 0.004 min
Response: 696055
Conc: 3.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



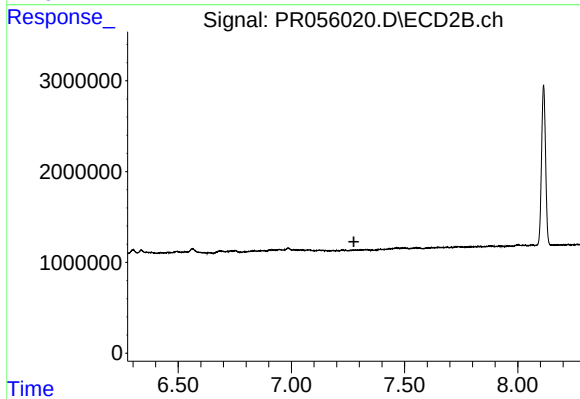
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.057 min
Response: 0
Conc: N.D.



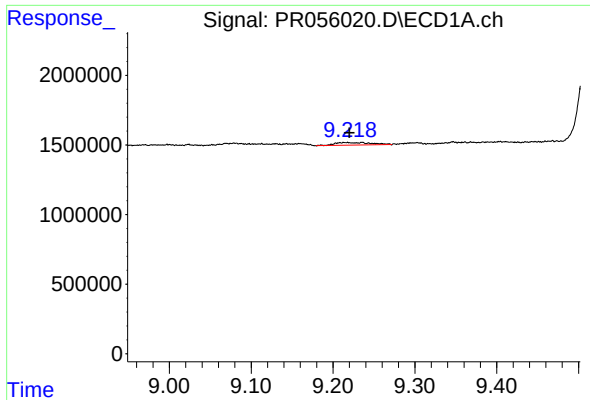
#43 AR-1268-3

R.T.: 8.408 min
Delta R.T.: -0.029 min
Response: 646432
Conc: 3.36 ng/ml



#43 AR-1268-3

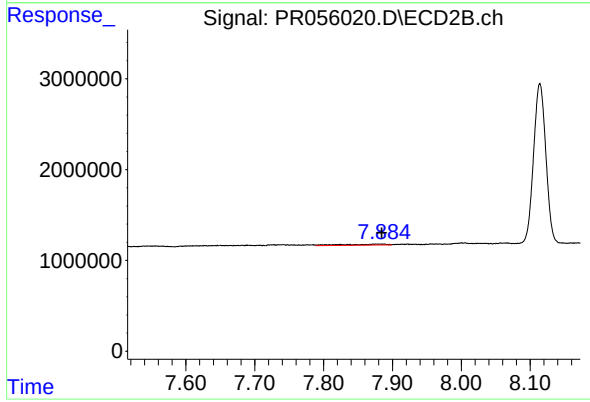
R.T.: 0.000 min
Exp R.T. : 7.276 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.235 min
Delta R.T.: 0.014 min
Response: 579052
Conc: 0.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.878 min
Delta R.T.: -0.007 min
Response: 487999
Conc: 0.72 ng/ml