

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101322\
 Data File : PR057322.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2022 22:07
 Operator : AJ\MA
 Sample : N5087-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 31857

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 03:13:14 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	57720077	31025613	16.668	22.022 #
2)	SA Decachlor...	9.491	8.079	46952374	32550934	17.839	17.653
Target Compounds							
3)	L1 AR-1016-1	4.832	3.983	37329594	17823315	308.655	401.710 #
4)	L1 AR-1016-2	4.853	3.999	49655846	18454520	285.883	260.810
5)	L1 AR-1016-3	4.918	4.176	38988820	18840810	383.250	488.132 #
6)	L1 AR-1016-4	5.020	4.226	35738770	9424623	424.736	358.206
7)	L1 AR-1016-5	5.335	4.442	21780199	10309364	276.230	293.847
8)	L2 AR-1221-1	3.826	3.110	28396091	1179876	780.365	80.522 #
9)	L2 AR-1221-2	3.894f	3.181	7917643	1258037	298.800	111.076 #
10)	L2 AR-1221-3	3.997	3.263	15268621	1845746	186.127	51.580 #
11)	L3 AR-1232-1	3.997	3.263	15268621	1845746	251.956	69.266 #
12)	L3 AR-1232-2	4.547	3.999	22162713	18454520	643.461	654.799
13)	L3 AR-1232-3	4.853	4.176	49655846	18840810	723.056	1180.633 #
14)	L3 AR-1232-4	5.020	4.269	35738770	10792900	1113.435	909.653
15)	L3 AR-1232-5	5.124	4.442	15602180	10309364	684.225	715.867
16)	L4 AR-1242-1	4.832	3.983	37329594	17823315	420.482	521.684
17)	L4 AR-1242-2	4.853	3.999	49655846	18454520	395.506	351.028
18)	L4 AR-1242-3	4.918	4.176	38988820	18840810	509.577	636.625
19)	L4 AR-1242-4	5.020	4.269	35738770	10792900	576.286	442.460
20)	L4 AR-1242-5	5.810	4.807	3855190	4417166	60.665	129.232 #
21)	L5 AR-1248-1	4.832	3.983	37329594	17823315	522.650	649.120
22)	L5 AR-1248-2	5.124	4.226	15602180	9424623	178.222	269.036 #
23)	L5 AR-1248-3	5.335	4.269	21780199	10792900	209.700	301.575 #
24)	L5 AR-1248-4	0.000	4.442	0	10309364	N.D.	227.960 #
25)	L5 AR-1248-5	5.810	4.839	3855190	7389749	35.367	153.908 #
26)	L6 AR-1254-1	5.738	4.807	14023072	4417166	119.691	66.046 #
27)	L6 AR-1254-2	5.974	4.963	4141560	2895479	23.072	48.237 #
28)	L6 AR-1254-3	6.366	5.382	4606995	4343994	25.291	43.209 #
29)	L6 AR-1254-4	6.679	5.626	2356871	3800303	16.241	56.158 #
30)	L6 AR-1254-5	7.144	6.069	6605170	4570251	43.207	45.457
31)	L7 AR-1260-1	6.547	5.522	1332322	5430990	9.082	81.624 #
32)	L7 AR-1260-2	6.831	5.719	4099072	3704417	23.362	40.537 #
33)	L7 AR-1260-3	7.243f	5.886	4071414	10609707	34.204	125.599 #
34)	L7 AR-1260-4	7.453	0.000	13412247	0	102.691	N.D. #
35)	L7 AR-1260-5	7.832f	6.648	7250290	145905	26.510	0.831 #
36)	L8 AR-1262-1	7.243f	0.000	4071414	0	22.326	N.D. #
37)	L8 AR-1262-2	0.000	6.351f	0	1116297	N.D.	13.621 #
38)	L8 AR-1262-3	0.000	6.951	0	117120	N.D.	1.460 #
39)	L8 AR-1262-4	8.185	7.016	5887165	1179234	52.125	8.050 #
41)	L9 AR-1268-1	0.000	6.951	0	117120	N.D.	0.467 #
42)	L9 AR-1268-2	8.185	7.016	5887165	1179234	16.006	4.882 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101222.M
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 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	8.401	7.229	1496730	557488	4.718	2.648 #
45) L9	AR-1268-5	9.186	7.845	581727	360066	0.599	0.529

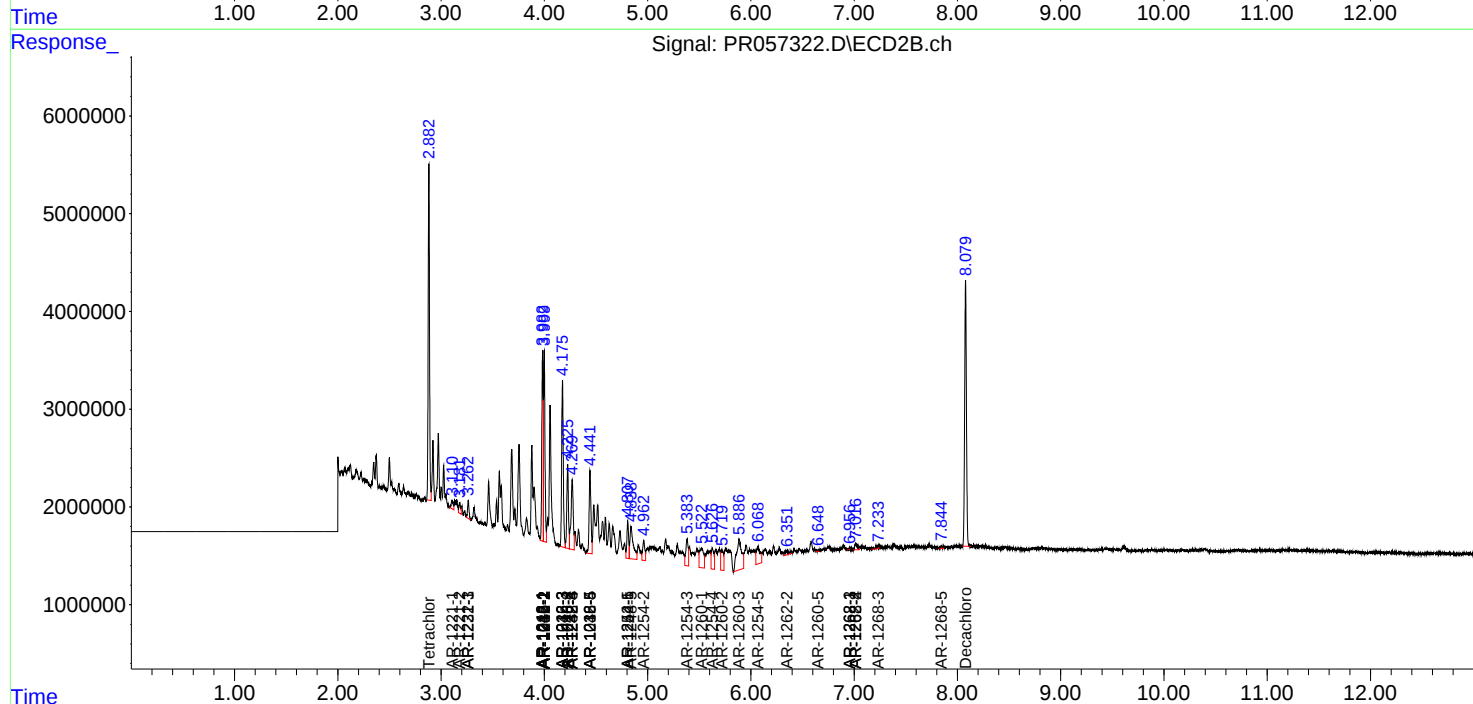
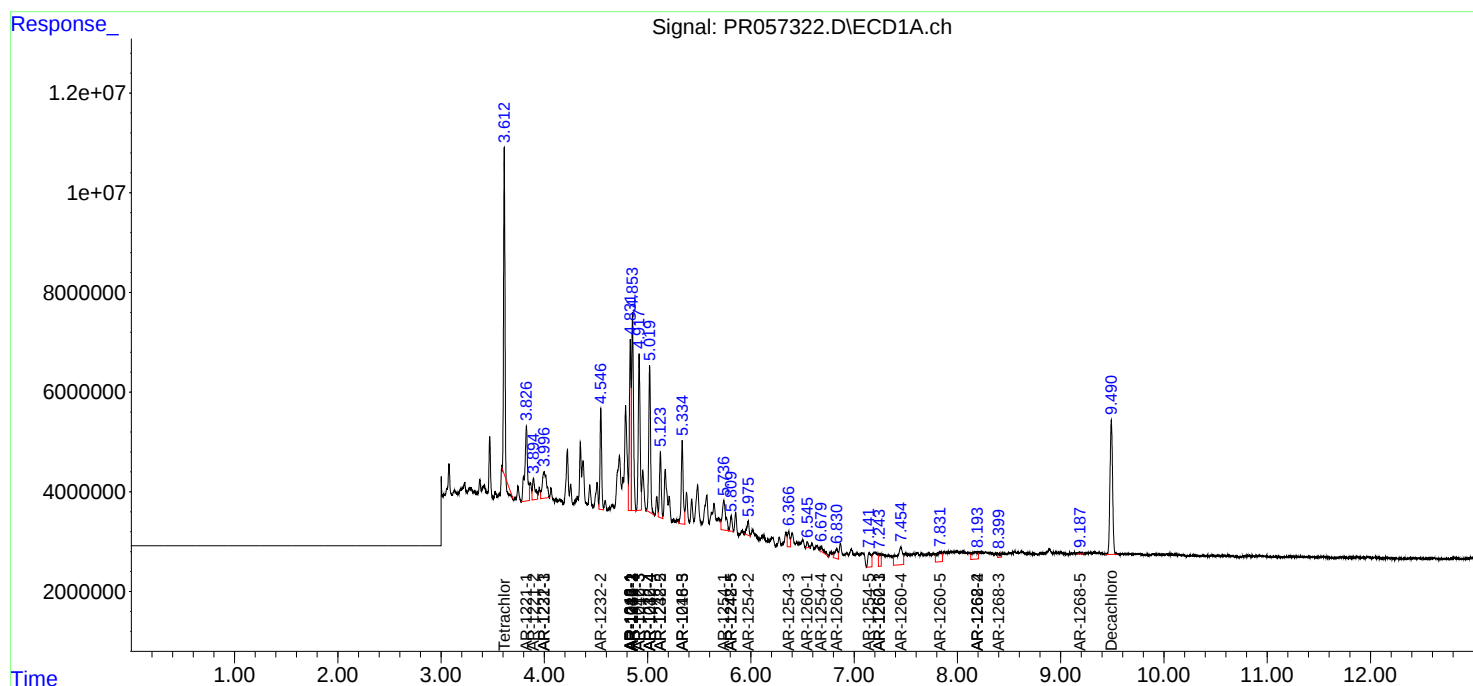
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

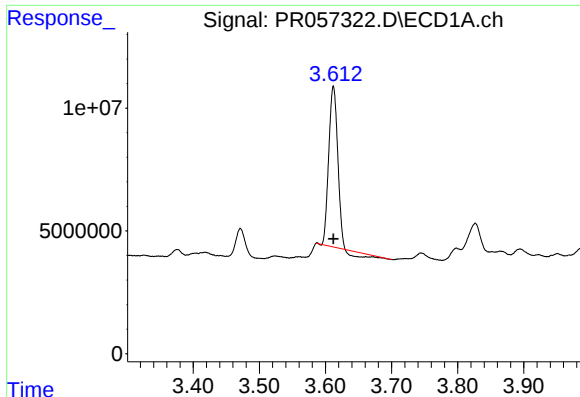
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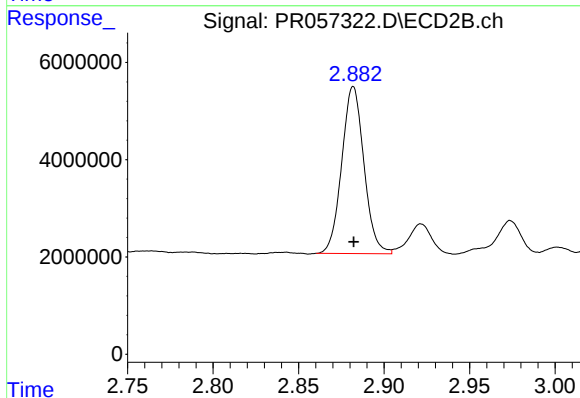




#1 Tetrachloro-m-xylene

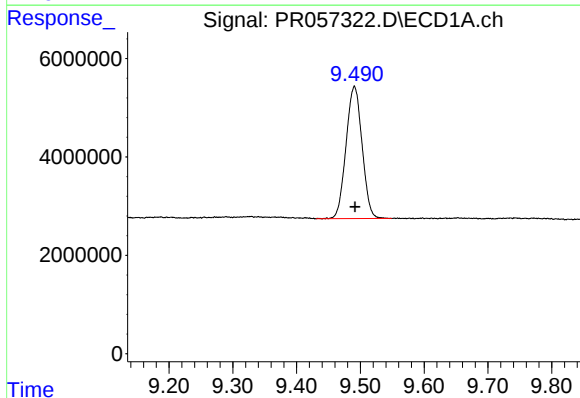
R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 57720077
Conc: 16.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



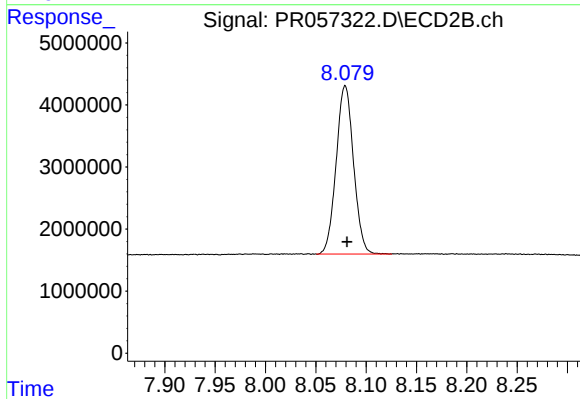
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 31025613
Conc: 22.02 ng/ml



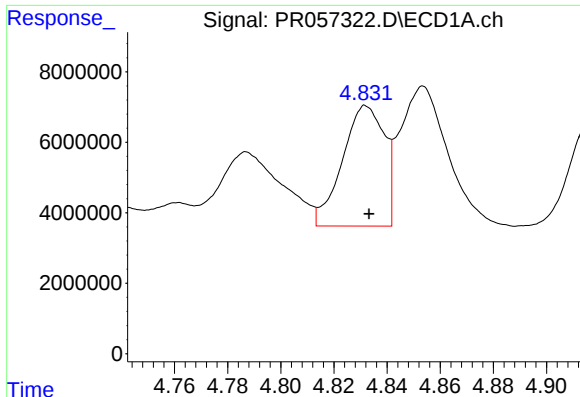
#2 Decachlorobiphenyl

R.T.: 9.491 min
Delta R.T.: -0.001 min
Response: 46952374
Conc: 17.84 ng/ml



#2 Decachlorobiphenyl

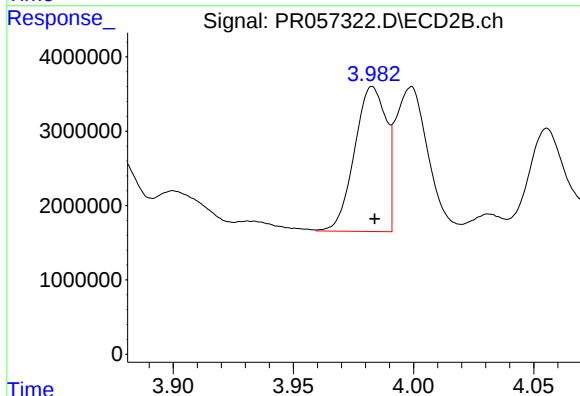
R.T.: 8.079 min
Delta R.T.: -0.002 min
Response: 32550934
Conc: 17.65 ng/ml



#3 AR-1016-1

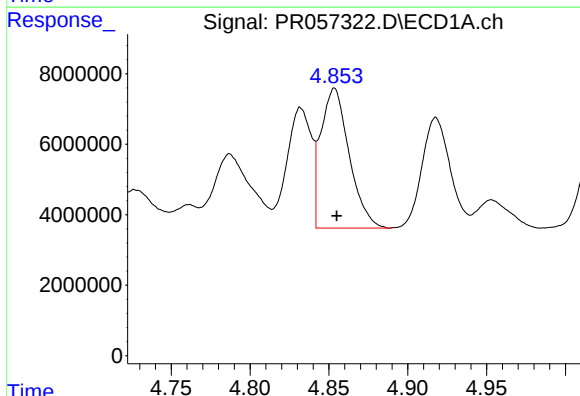
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 37329594
Conc: 308.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



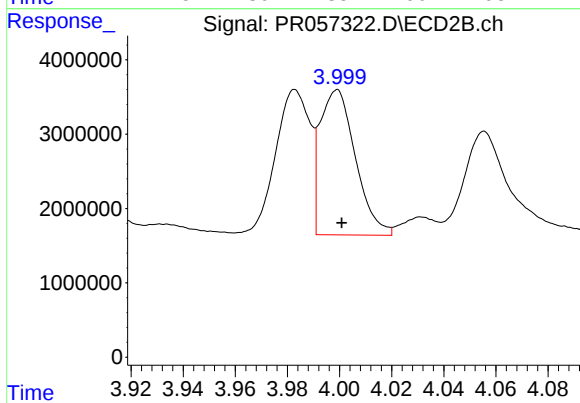
#3 AR-1016-1

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 17823315
Conc: 401.71 ng/ml



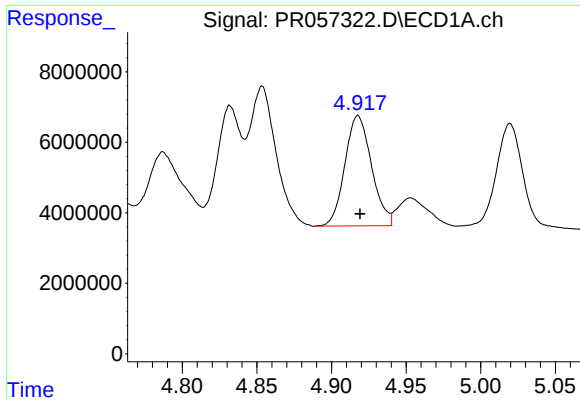
#4 AR-1016-2

R.T.: 4.853 min
Delta R.T.: -0.001 min
Response: 49655846
Conc: 285.88 ng/ml



#4 AR-1016-2

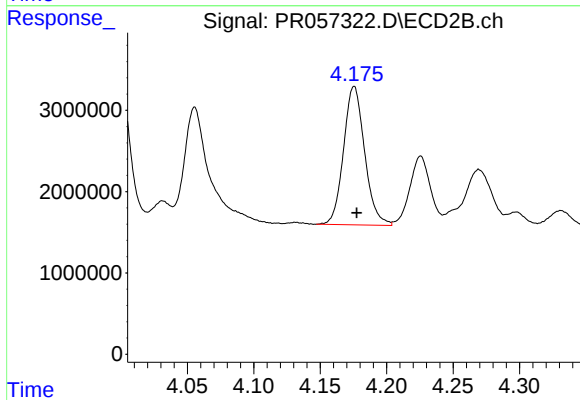
R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 18454520
Conc: 260.81 ng/ml



#5 AR-1016-3

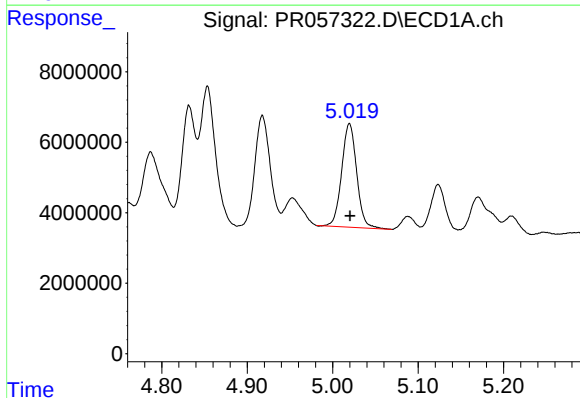
R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 38988820
Conc: 383.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



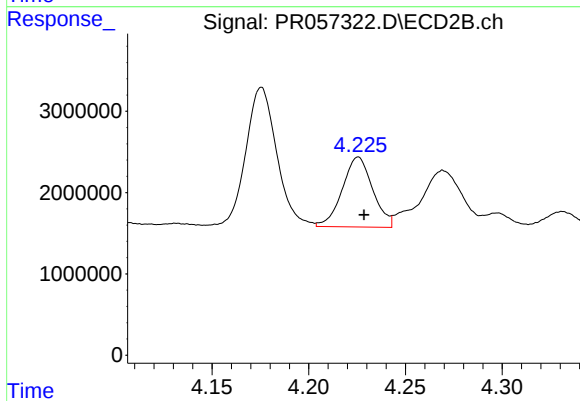
#5 AR-1016-3

R.T.: 4.176 min
Delta R.T.: -0.002 min
Response: 18840810
Conc: 488.13 ng/ml



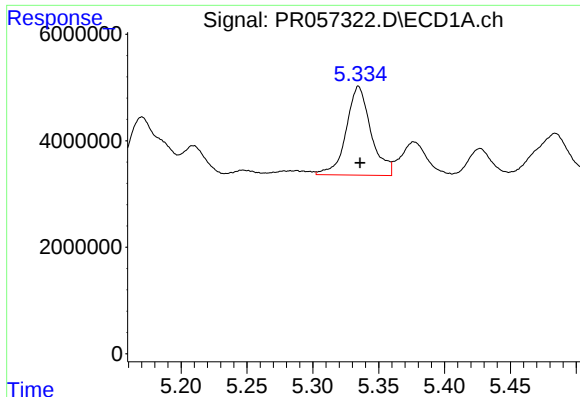
#6 AR-1016-4

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 35738770
Conc: 424.74 ng/ml



#6 AR-1016-4

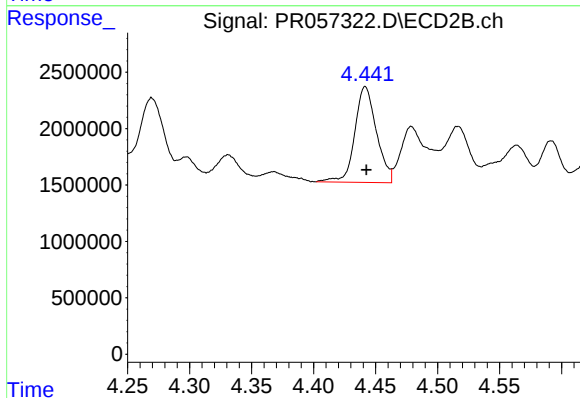
R.T.: 4.226 min
Delta R.T.: -0.003 min
Response: 9424623
Conc: 358.21 ng/ml



#7 AR-1016-5

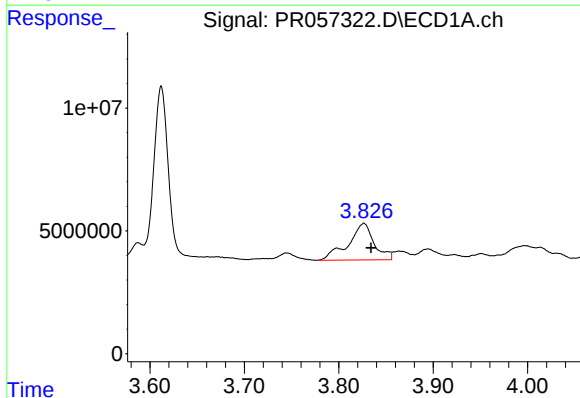
R.T.: 5.335 min
Delta R.T.: -0.001 min
Response: 21780199
Conc: 276.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



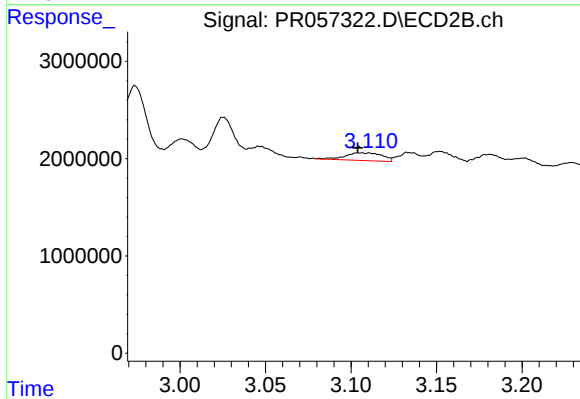
#7 AR-1016-5

R.T.: 4.442 min
Delta R.T.: 0.000 min
Response: 10309364
Conc: 293.85 ng/ml



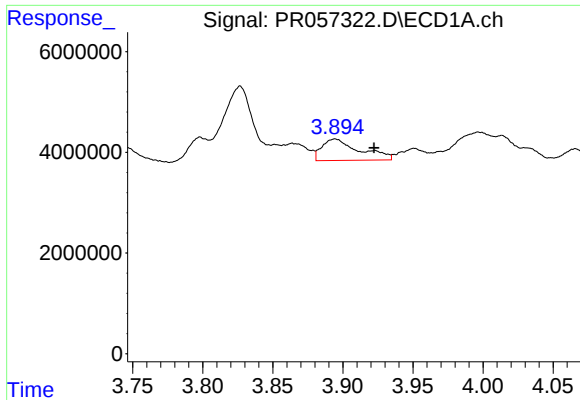
#8 AR-1221-1

R.T.: 3.826 min
Delta R.T.: -0.008 min
Response: 28396091
Conc: 780.37 ng/ml



#8 AR-1221-1

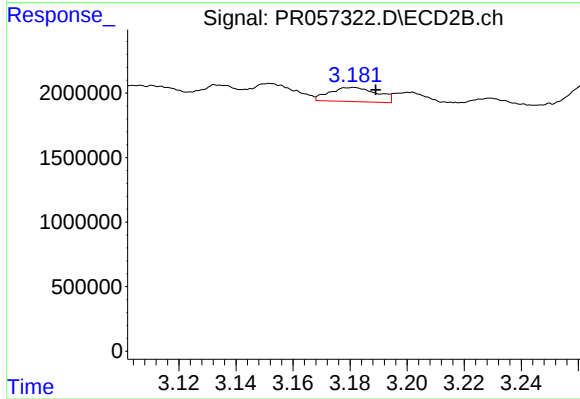
R.T.: 3.110 min
Delta R.T.: 0.006 min
Response: 1179876
Conc: 80.52 ng/ml



#9 AR-1221-2

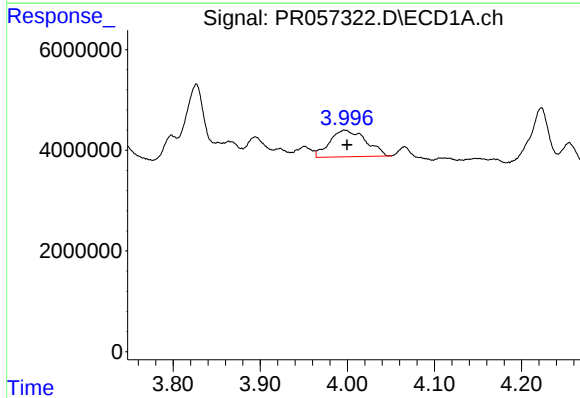
R.T.: 3.894 min
Delta R.T.: -0.028 min
Response: 7917643
Conc: 298.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



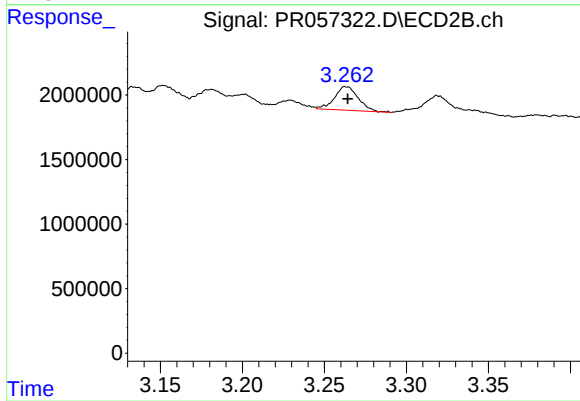
#9 AR-1221-2

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 1258037
Conc: 111.08 ng/ml



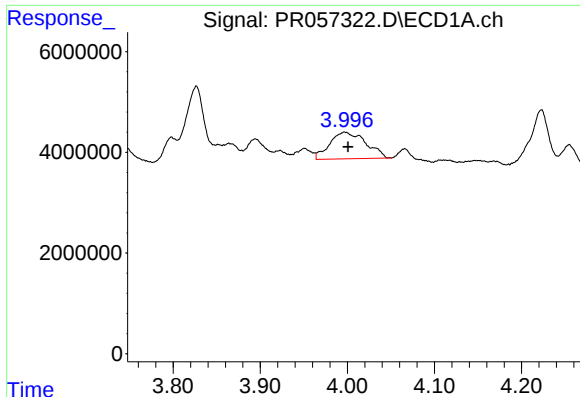
#10 AR-1221-3

R.T.: 3.997 min
Delta R.T.: -0.003 min
Response: 15268621
Conc: 186.13 ng/ml



#10 AR-1221-3

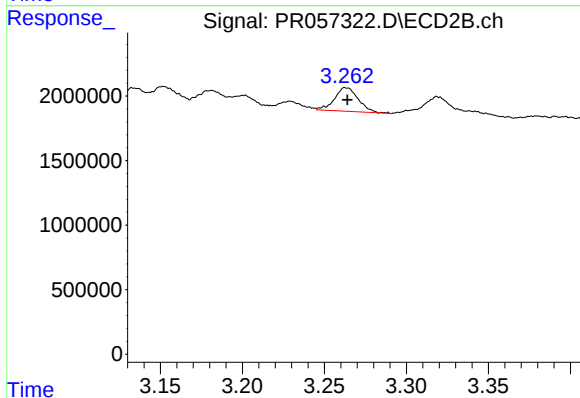
R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 1845746
Conc: 51.58 ng/ml



#11 AR-1232-1

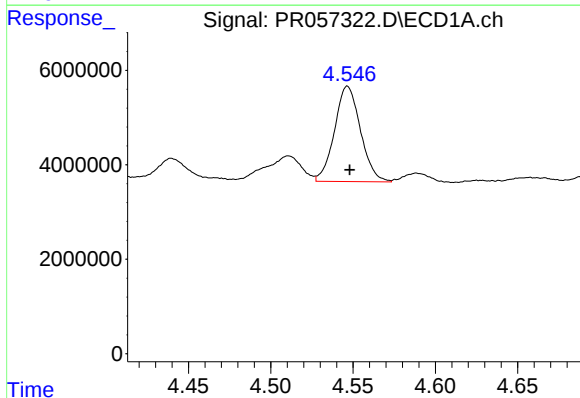
R.T.: 3.997 min
Delta R.T.: -0.004 min
Response: 15268621
Conc: 251.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
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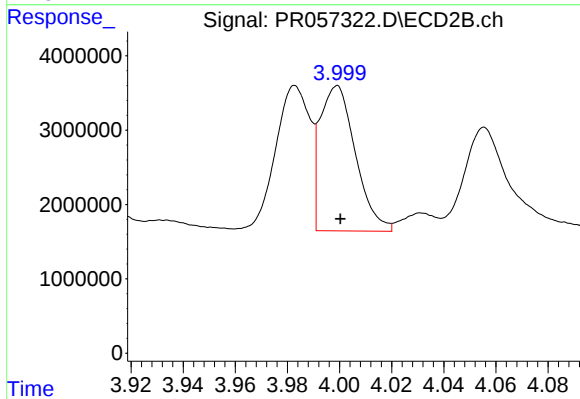
#11 AR-1232-1

R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 1845746
Conc: 69.27 ng/ml



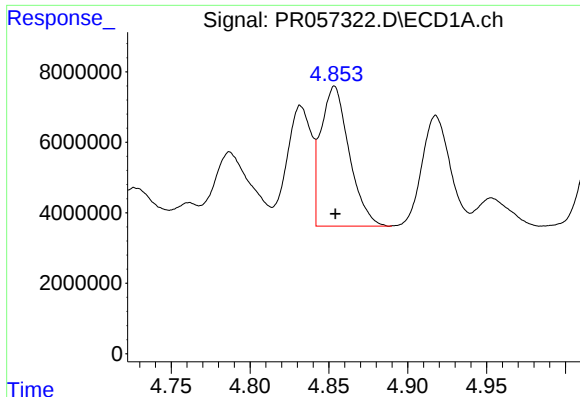
#12 AR-1232-2

R.T.: 4.547 min
Delta R.T.: -0.001 min
Response: 22162713
Conc: 643.46 ng/ml



#12 AR-1232-2

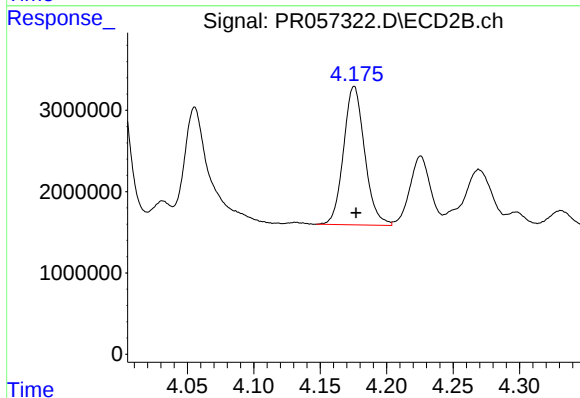
R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 18454520
Conc: 654.80 ng/ml



#13 AR-1232-3

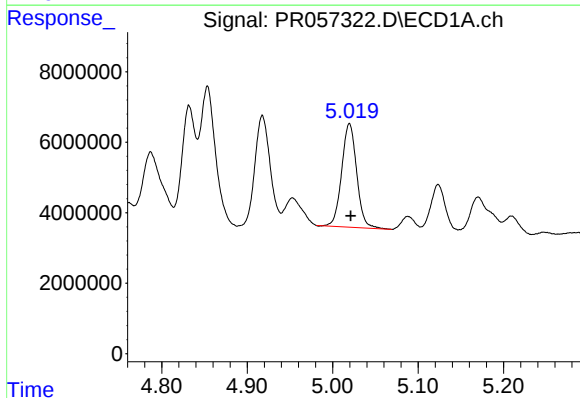
R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 49655846
Conc: 723.06 ng/ml

Instrument :
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ClientSampleId :
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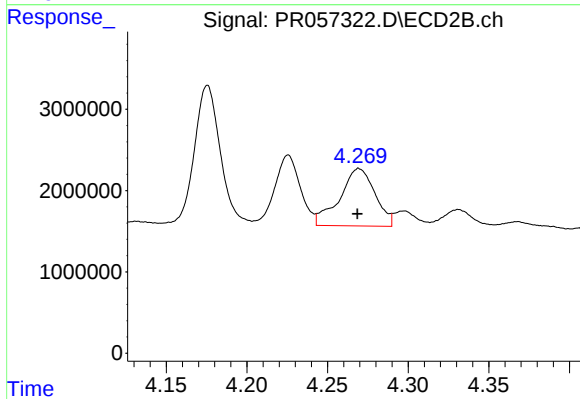
#13 AR-1232-3

R.T.: 4.176 min
Delta R.T.: -0.001 min
Response: 18840810
Conc: 1180.63 ng/ml



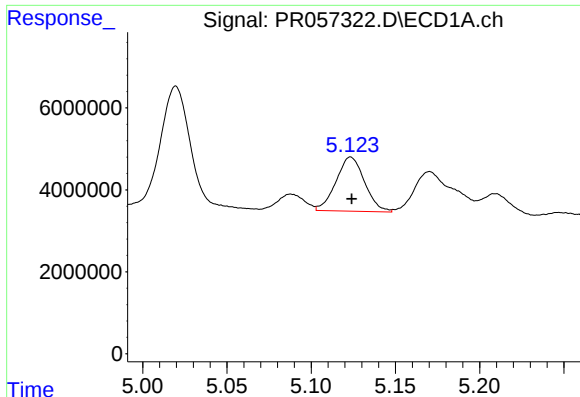
#14 AR-1232-4

R.T.: 5.020 min
Delta R.T.: -0.001 min
Response: 35738770
Conc: 1113.44 ng/ml



#14 AR-1232-4

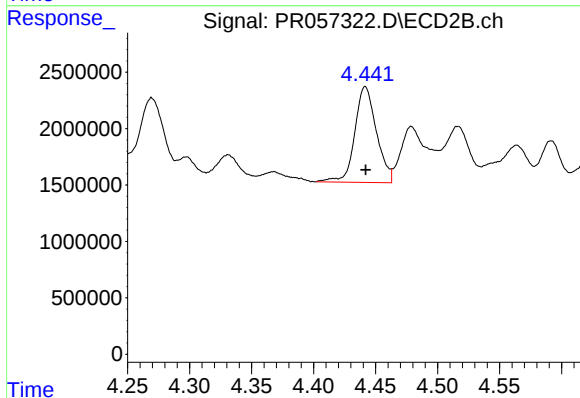
R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 10792900
Conc: 909.65 ng/ml



#15 AR-1232-5

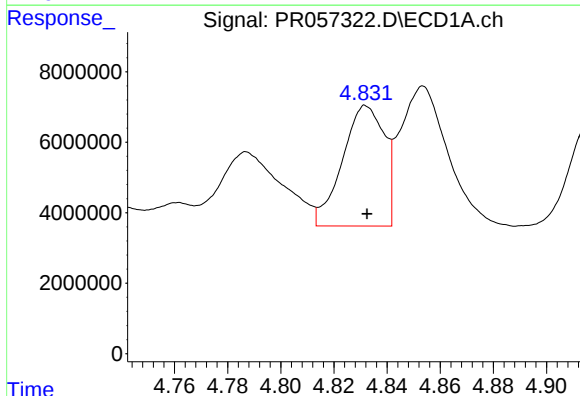
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 15602180
Conc: 684.23 ng/ml

Instrument :
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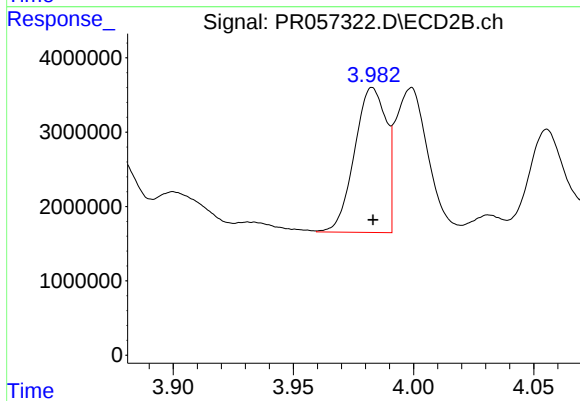
#15 AR-1232-5

R.T.: 4.442 min
Delta R.T.: 0.000 min
Response: 10309364
Conc: 715.87 ng/ml



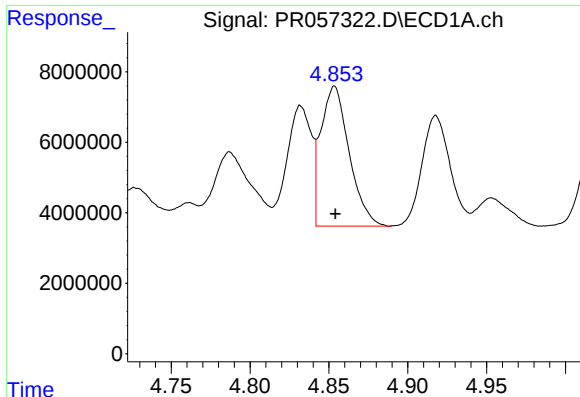
#16 AR-1242-1

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 37329594
Conc: 420.48 ng/ml



#16 AR-1242-1

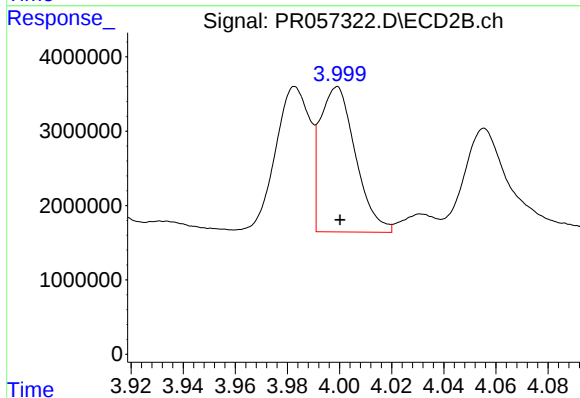
R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 17823315
Conc: 521.68 ng/ml



#17 AR-1242-2

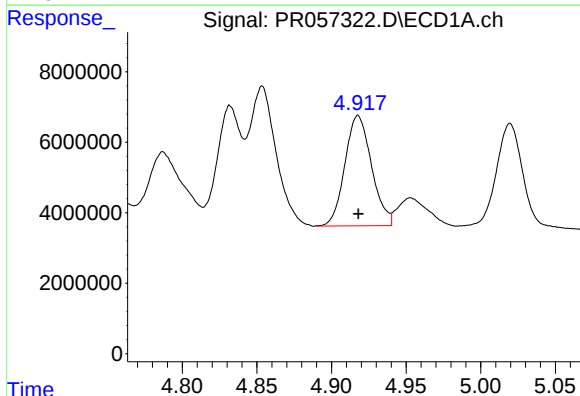
R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 49655846
Conc: 395.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



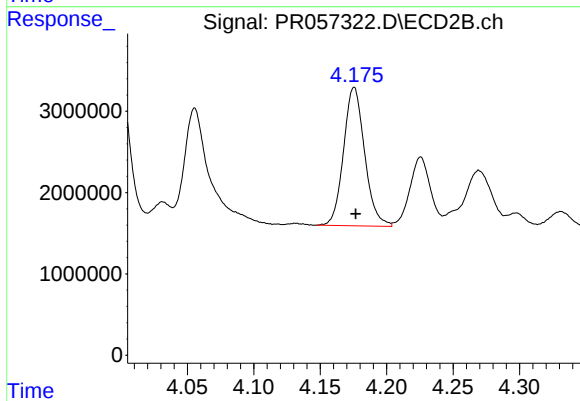
#17 AR-1242-2

R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 18454520
Conc: 351.03 ng/ml



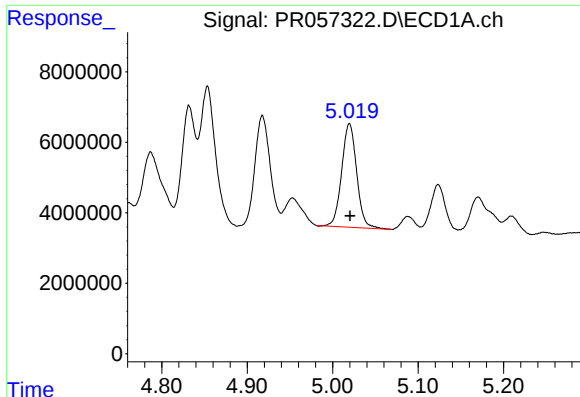
#18 AR-1242-3

R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 38988820
Conc: 509.58 ng/ml



#18 AR-1242-3

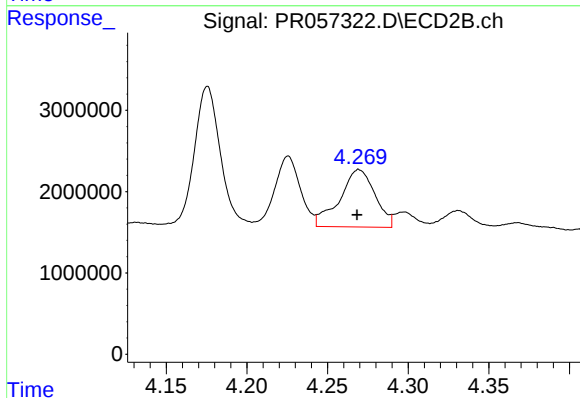
R.T.: 4.176 min
Delta R.T.: -0.001 min
Response: 18840810
Conc: 636.63 ng/ml



#19 AR-1242-4

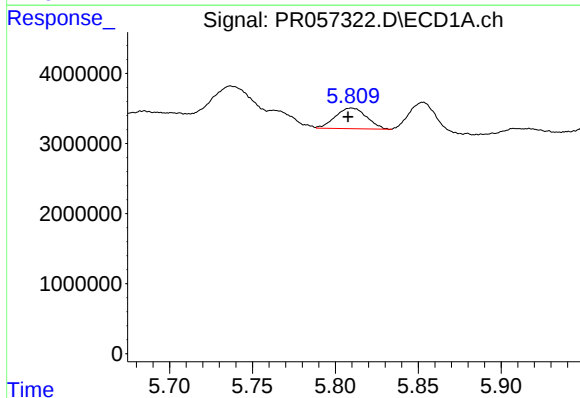
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 35738770
Conc: 576.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



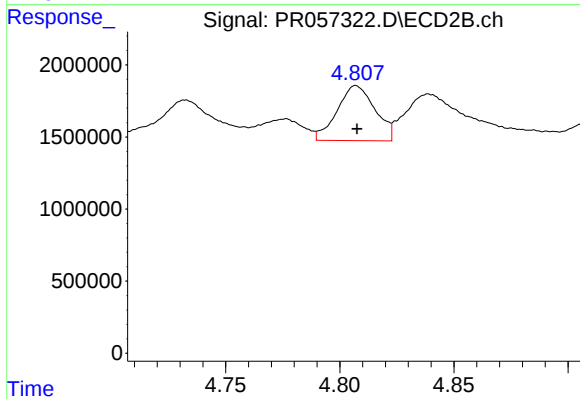
#19 AR-1242-4

R.T.: 4.269 min
Delta R.T.: 0.001 min
Response: 10792900
Conc: 442.46 ng/ml



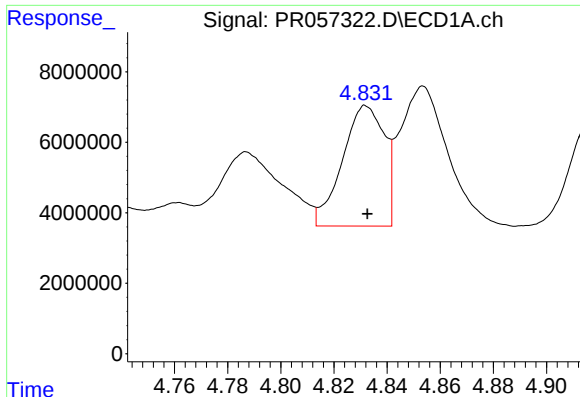
#20 AR-1242-5

R.T.: 5.810 min
Delta R.T.: 0.002 min
Response: 3855190
Conc: 60.67 ng/ml



#20 AR-1242-5

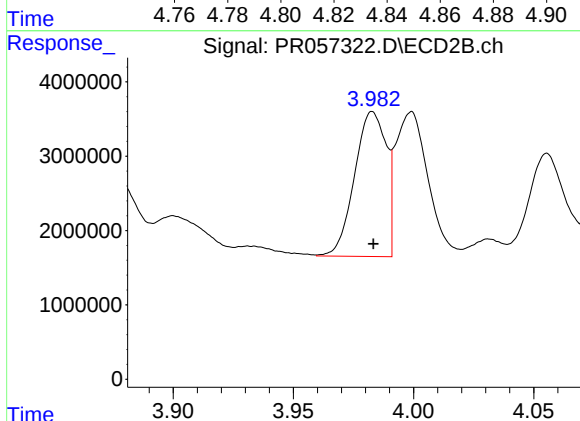
R.T.: 4.807 min
Delta R.T.: 0.000 min
Response: 4417166
Conc: 129.23 ng/ml



#21 AR-1248-1

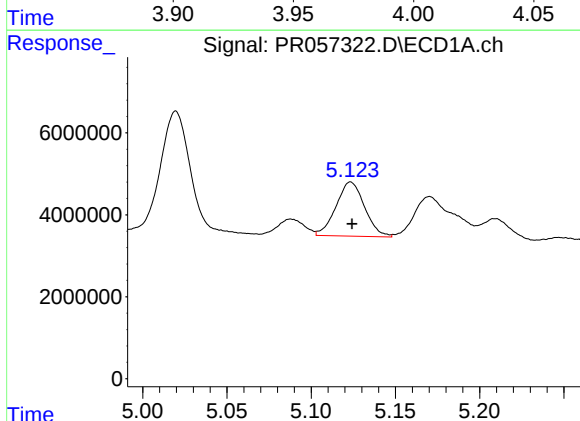
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 37329594
Conc: 522.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



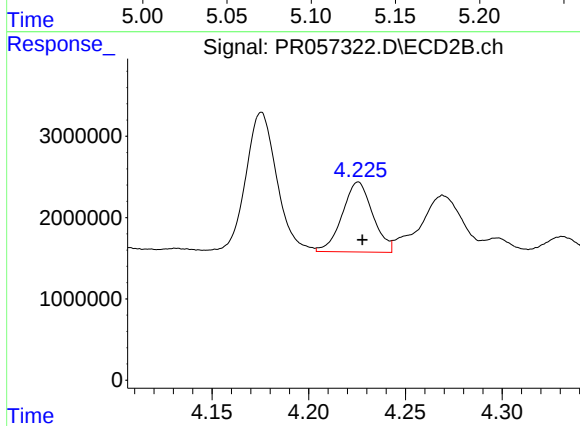
#21 AR-1248-1

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 17823315
Conc: 649.12 ng/ml



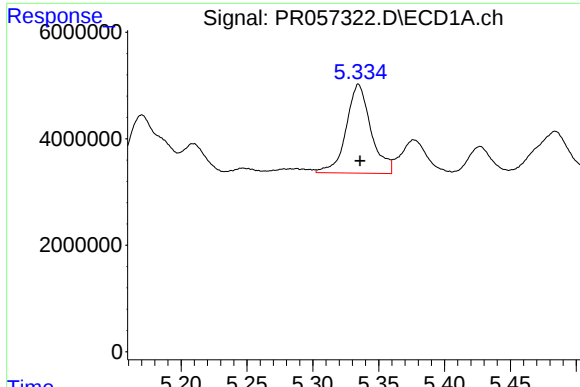
#22 AR-1248-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 15602180
Conc: 178.22 ng/ml



#22 AR-1248-2

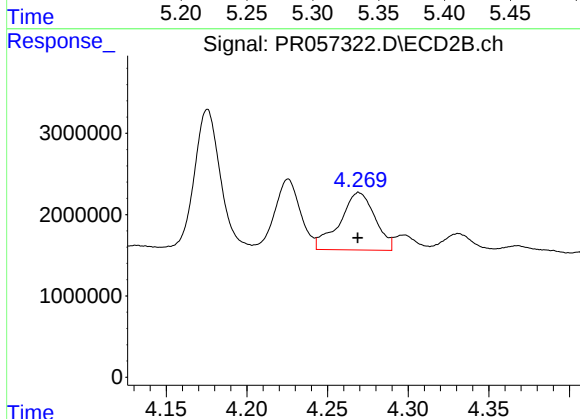
R.T.: 4.226 min
Delta R.T.: -0.002 min
Response: 9424623
Conc: 269.04 ng/ml



#23 AR-1248-3

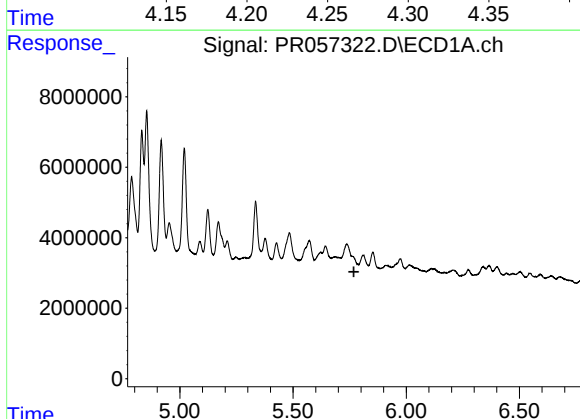
R.T.: 5.335 min
Delta R.T.: -0.001 min
Response: 21780199
Conc: 209.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



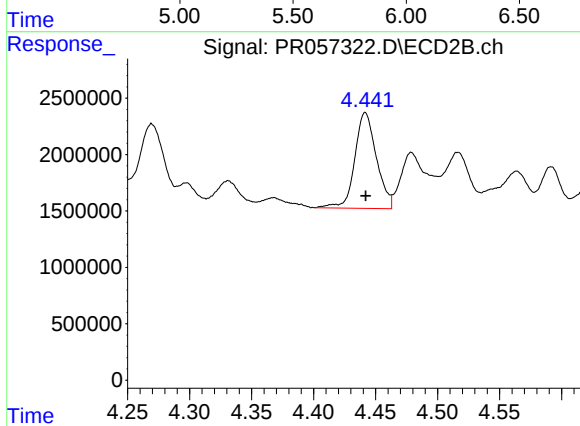
#23 AR-1248-3

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 10792900
Conc: 301.57 ng/ml



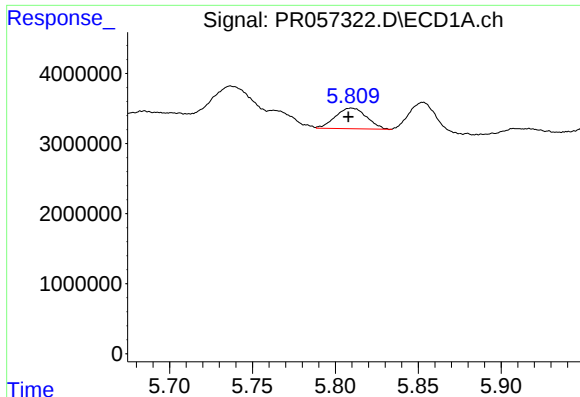
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.769 min
Response: 0
Conc: N.D.



#24 AR-1248-4

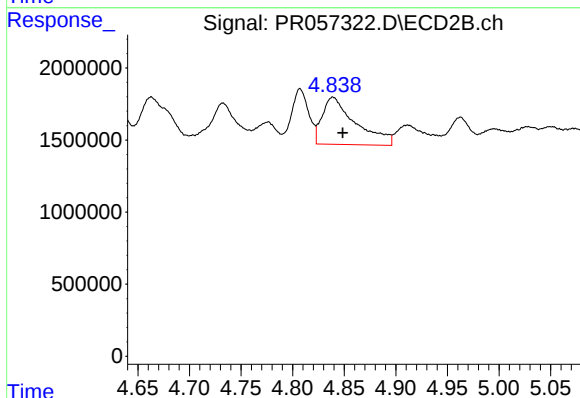
R.T.: 4.442 min
Delta R.T.: 0.000 min
Response: 10309364
Conc: 227.96 ng/ml



#25 AR-1248-5

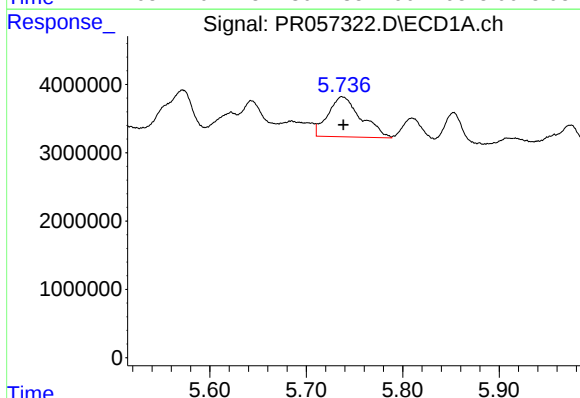
R.T.: 5.810 min
Delta R.T.: 0.002 min
Response: 3855190
Conc: 35.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



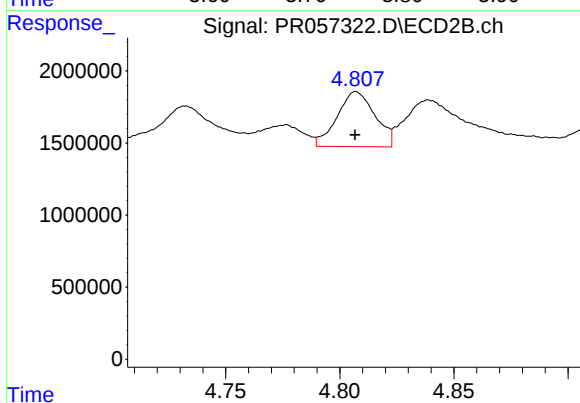
#25 AR-1248-5

R.T.: 4.839 min
Delta R.T.: -0.010 min
Response: 7389749
Conc: 153.91 ng/ml



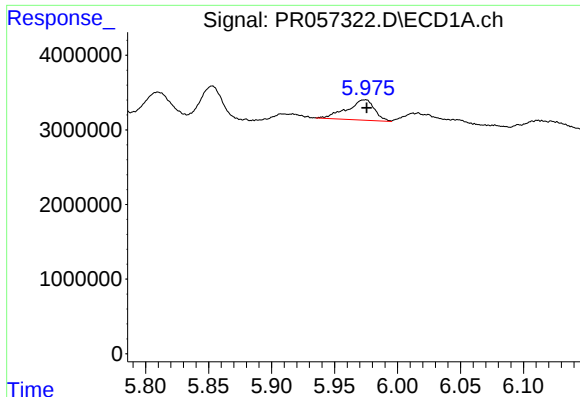
#26 AR-1254-1

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 14023072
Conc: 119.69 ng/ml



#26 AR-1254-1

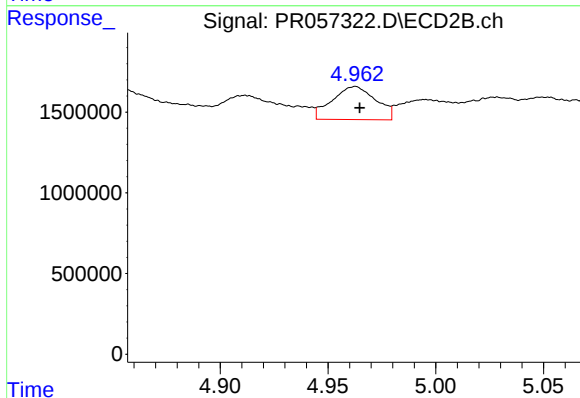
R.T.: 4.807 min
Delta R.T.: 0.000 min
Response: 4417166
Conc: 66.05 ng/ml



#27 AR-1254-2

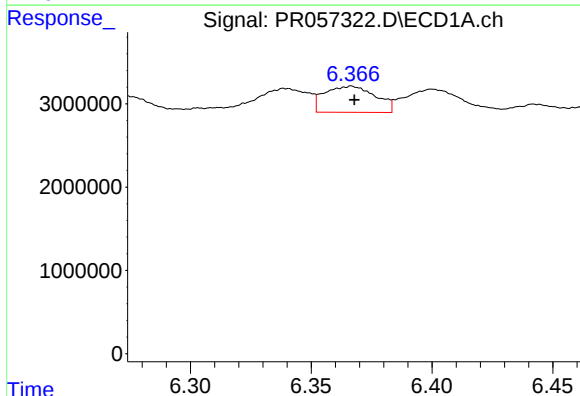
R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 4141560
Conc: 23.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



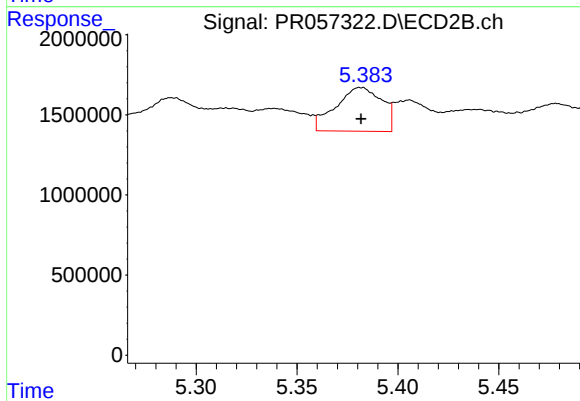
#27 AR-1254-2

R.T.: 4.963 min
Delta R.T.: -0.002 min
Response: 2895479
Conc: 48.24 ng/ml



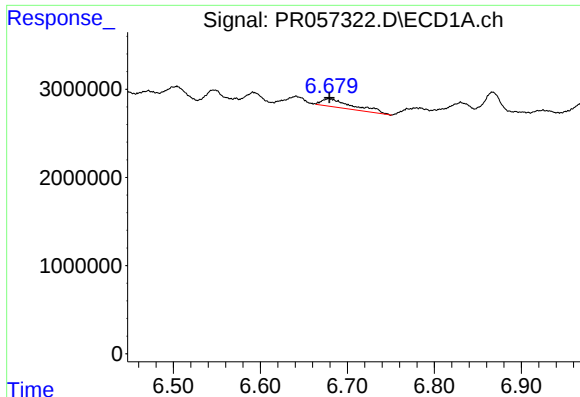
#28 AR-1254-3

R.T.: 6.366 min
Delta R.T.: -0.002 min
Response: 4606995
Conc: 25.29 ng/ml



#28 AR-1254-3

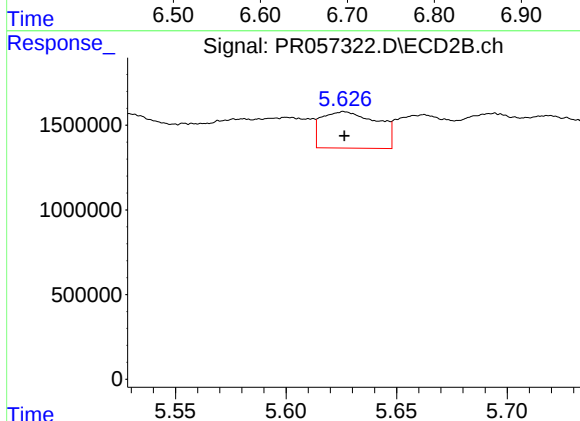
R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 4343994
Conc: 43.21 ng/ml



#29 AR-1254-4

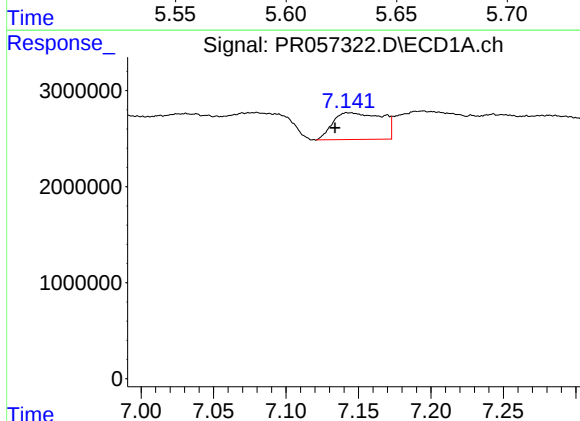
R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 2356871
Conc: 16.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



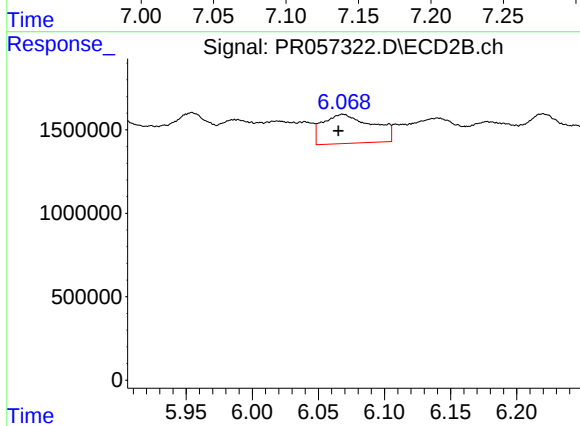
#29 AR-1254-4

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 3800303
Conc: 56.16 ng/ml



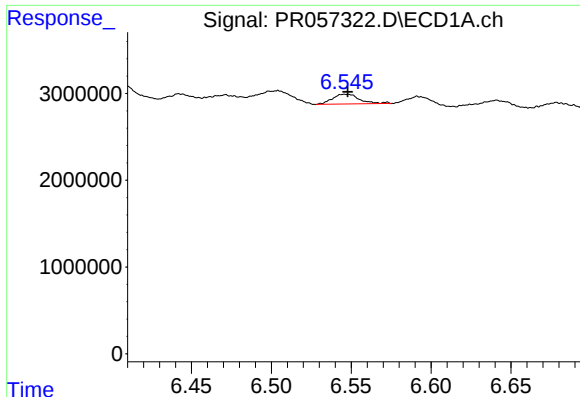
#30 AR-1254-5

R.T.: 7.144 min
Delta R.T.: 0.010 min
Response: 6605170
Conc: 43.21 ng/ml



#30 AR-1254-5

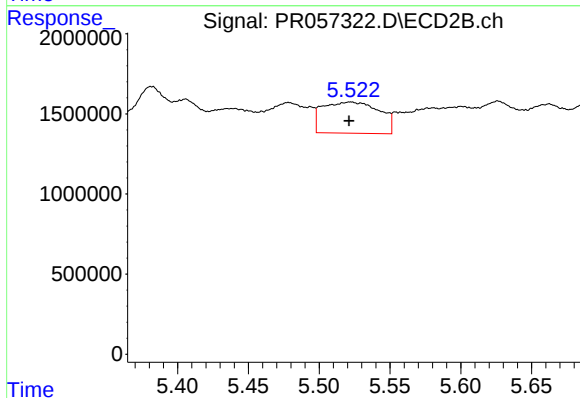
R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 4570251
Conc: 45.46 ng/ml



#31 AR-1260-1

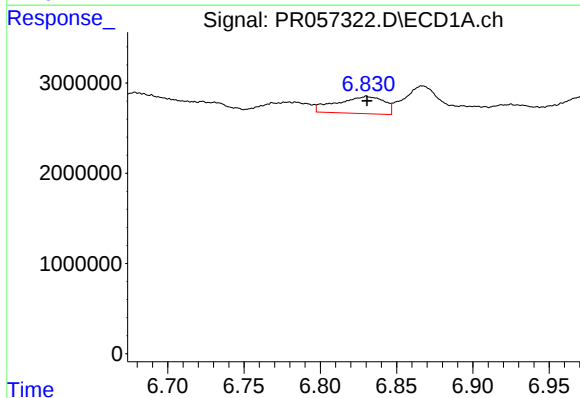
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 1332322
Conc: 9.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



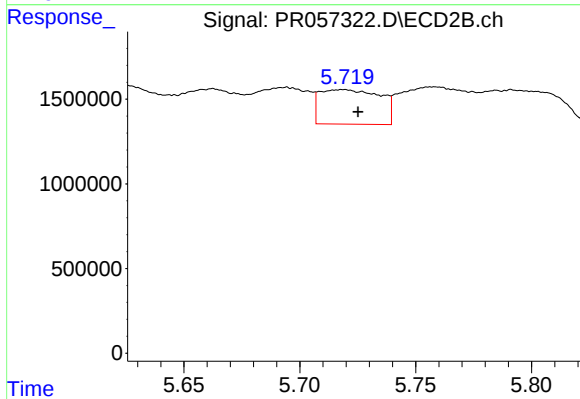
#31 AR-1260-1

R.T.: 5.522 min
Delta R.T.: 0.001 min
Response: 5430990
Conc: 81.62 ng/ml



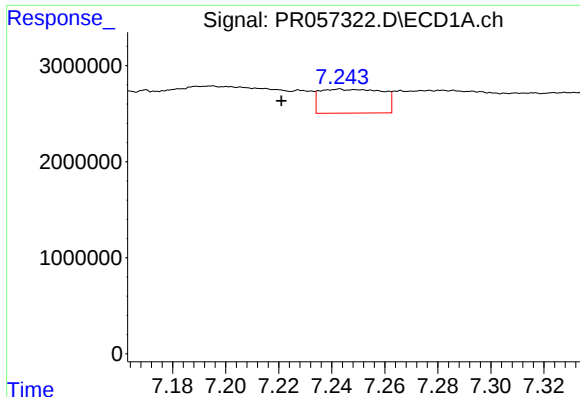
#32 AR-1260-2

R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 4099072
Conc: 23.36 ng/ml



#32 AR-1260-2

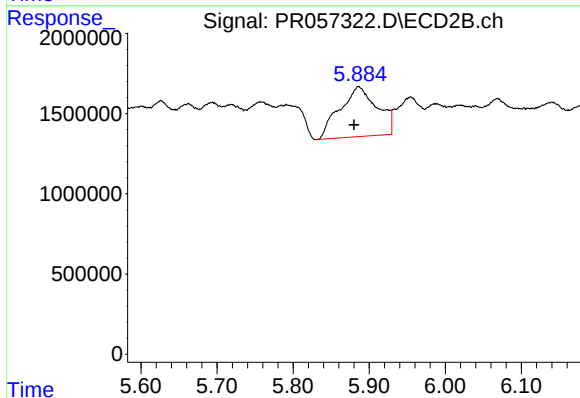
R.T.: 5.719 min
Delta R.T.: -0.006 min
Response: 3704417
Conc: 40.54 ng/ml



#33 AR-1260-3

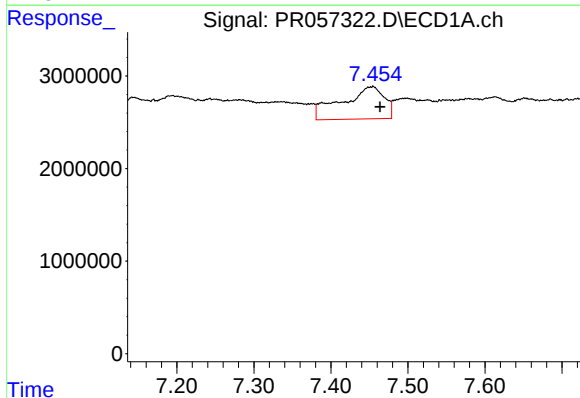
R.T.: 7.243 min
Delta R.T.: 0.022 min
Response: 4071414
Conc: 34.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



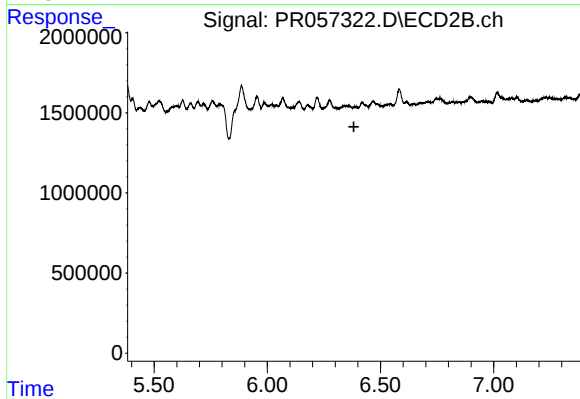
#33 AR-1260-3

R.T.: 5.886 min
Delta R.T.: 0.006 min
Response: 10609707
Conc: 125.60 ng/ml



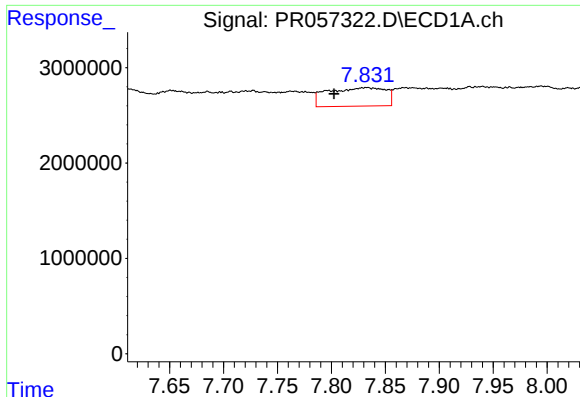
#34 AR-1260-4

R.T.: 7.453 min
Delta R.T.: -0.011 min
Response: 13412247
Conc: 102.69 ng/ml



#34 AR-1260-4

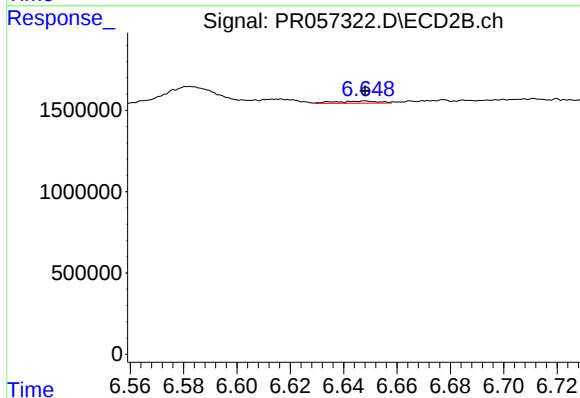
R.T.: 0.000 min
Exp R.T.: 6.383 min
Response: 0
Conc: N.D.



#35 AR-1260-5

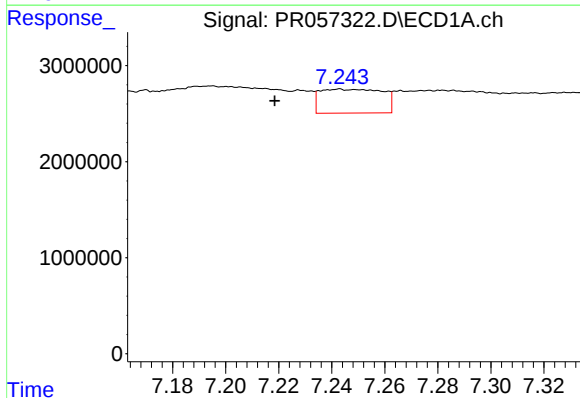
R.T.: 7.832 min
Delta R.T.: 0.030 min
Response: 7250290
Conc: 26.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



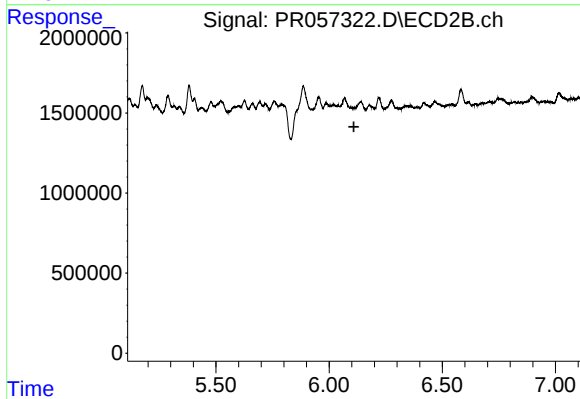
#35 AR-1260-5

R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 145905
Conc: 0.83 ng/ml



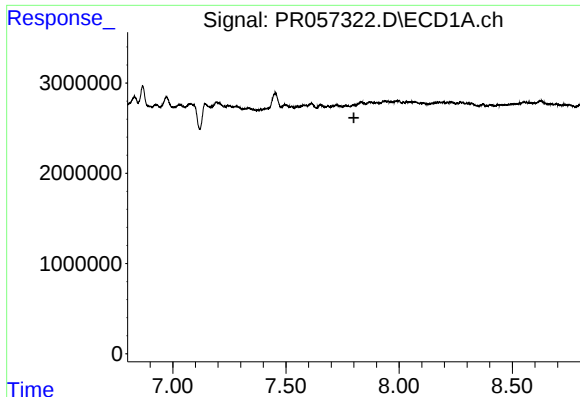
#36 AR-1262-1

R.T.: 7.243 min
Delta R.T.: 0.025 min
Response: 4071414
Conc: 22.33 ng/ml



#36 AR-1262-1

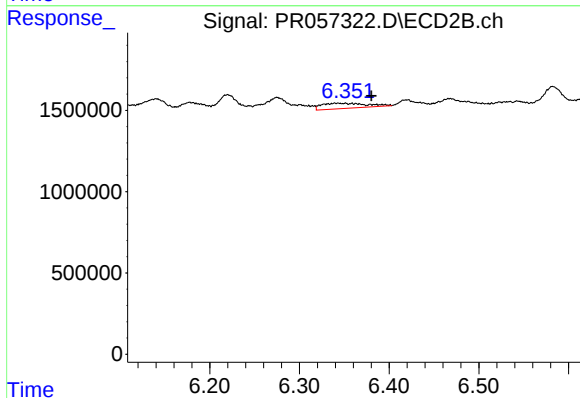
R.T.: 0.000 min
Exp R.T.: 6.109 min
Response: 0
Conc: N.D.



#37 AR-1262-2

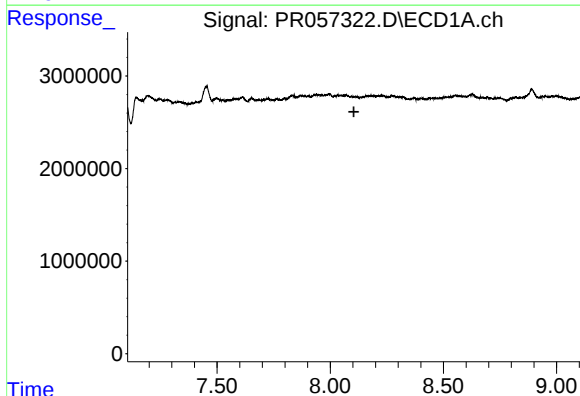
R.T.: 0.000 min
Exp R.T.: 7.800 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
31857



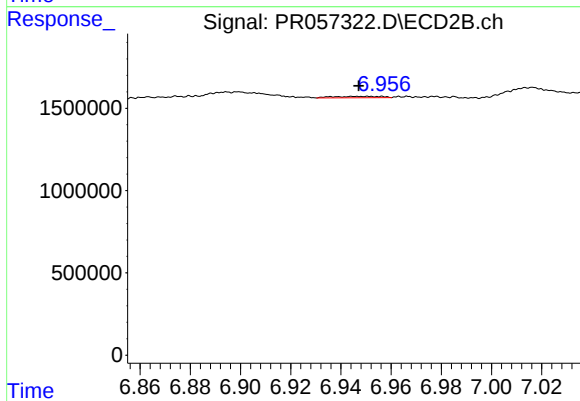
#37 AR-1262-2

R.T.: 6.351 min
Delta R.T.: -0.029 min
Response: 1116297
Conc: 13.62 ng/ml



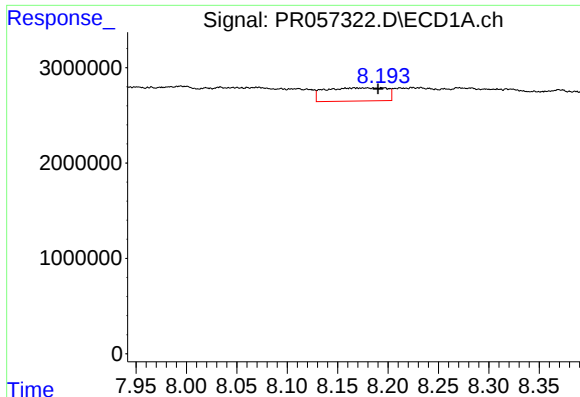
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.105 min
Response: 0
Conc: N.D.



#38 AR-1262-3

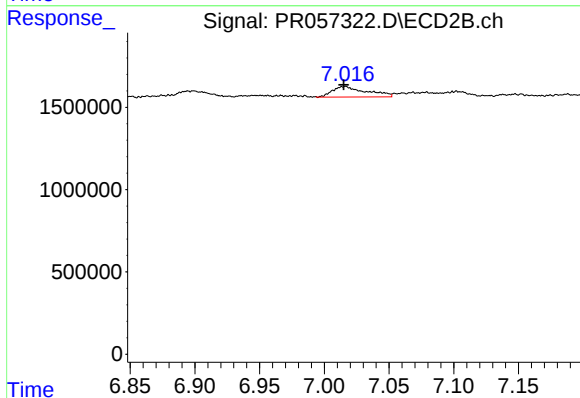
R.T.: 6.951 min
Delta R.T.: 0.003 min
Response: 117120
Conc: 1.46 ng/ml



#39 AR-1262-4

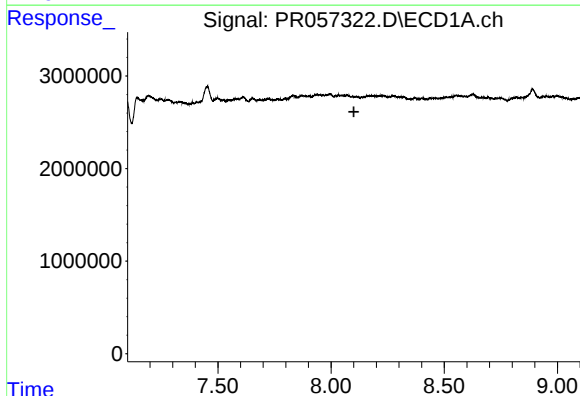
R.T.: 8.185 min
Delta R.T.: -0.005 min
Response: 5887165
Conc: 52.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



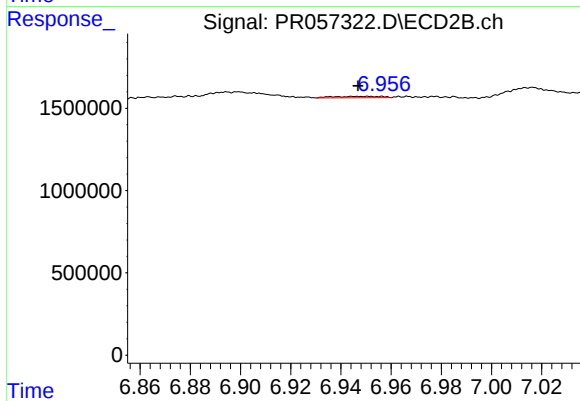
#39 AR-1262-4

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 1179234
Conc: 8.05 ng/ml



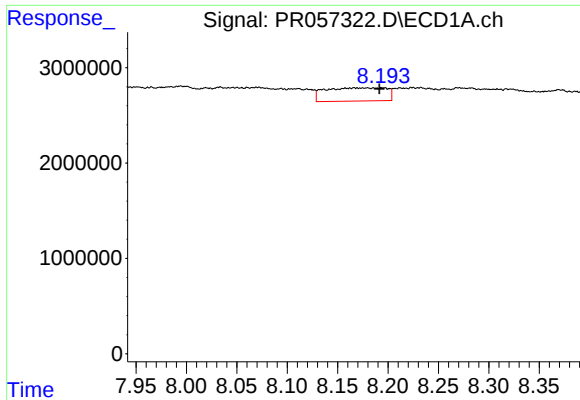
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.101 min
Response: 0
Conc: N.D.



#41 AR-1268-1

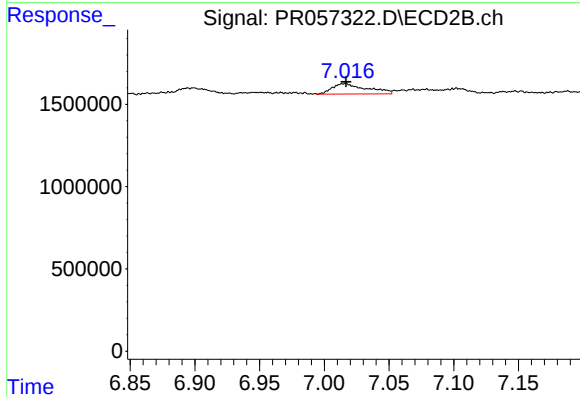
R.T.: 6.951 min
Delta R.T.: 0.004 min
Response: 117120
Conc: 0.47 ng/ml



#42 AR-1268-2

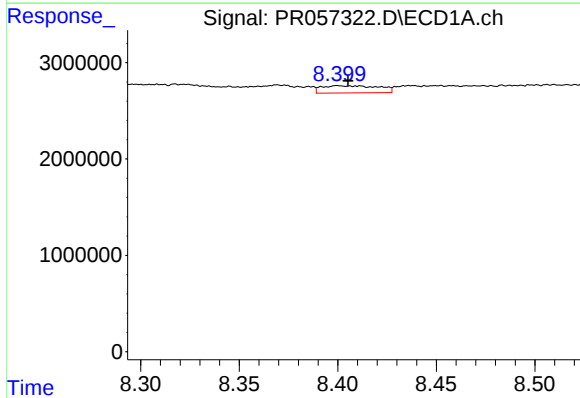
R.T.: 8.185 min
Delta R.T.: -0.006 min
Response: 5887165
Conc: 16.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



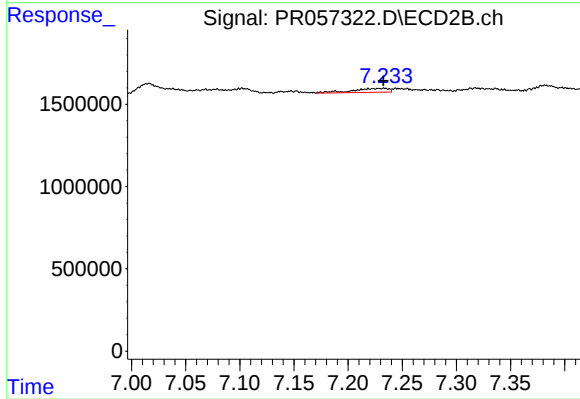
#42 AR-1268-2

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 1179234
Conc: 4.88 ng/ml



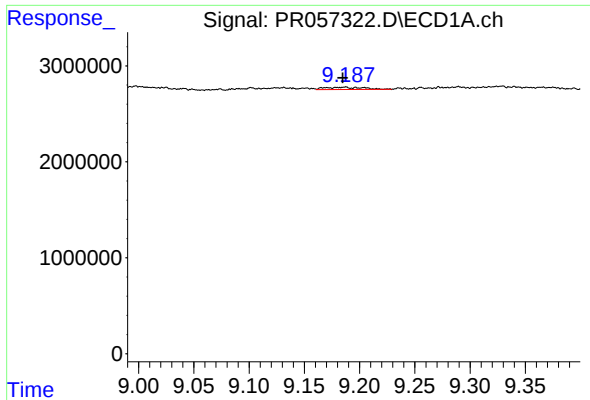
#43 AR-1268-3

R.T.: 8.401 min
Delta R.T.: -0.004 min
Response: 1496730
Conc: 4.72 ng/ml



#43 AR-1268-3

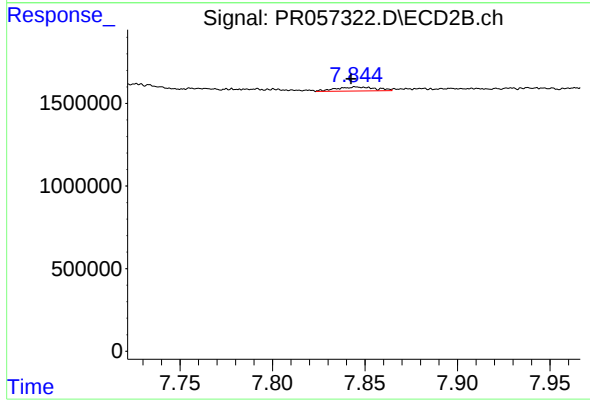
R.T.: 7.229 min
Delta R.T.: -0.004 min
Response: 557488
Conc: 2.65 ng/ml



#45 AR-1268-5

R.T.: 9.186 min
Delta R.T.: 0.000 min
Response: 581727
Conc: 0.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
31857



#45 AR-1268-5

R.T.: 7.845 min
Delta R.T.: 0.003 min
Response: 360066
Conc: 0.53 ng/ml