

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071520\
 Data File : PR046239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2020 02:39
 Operator : AJ\MA
 Sample : L3216-08
 Misc : AR1268 LOQ 50 PPB
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 04:38:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 16 04:01:55 2020
 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...	4.765	3.988	41646612	303.6E6	22.640	24.667
2)	SA Decachlor...	10.765	9.110	53110909	456.8E6	26.869	29.499
Target Compounds							
3)	L1 AR-1016-1	5.951	5.088	177700	1112975	2.535	2.245
4)	L1 AR-1016-2	5.985	5.088f	94517	1112975	0.956	1.620 #
5)	L1 AR-1016-3	6.027	0.000	81961	0	1.378	N.D. #
6)	L1 AR-1016-4	6.146	5.329	200512	1337879	4.021	4.977
8)	L2 AR-1221-1	5.004f	4.194	50796	1612109	2.569	11.262 #
9)	L2 AR-1221-2	5.081	4.294	589517	3632280	40.157	38.159
10)	L2 AR-1221-3	5.126f	0.000	20275	0	0.432	N.D. #
11)	L3 AR-1232-1	5.126f	0.000	20275	0	0.530	N.D. #
12)	L3 AR-1232-2	5.671f	5.088f	162019	1112975	8.374	3.970 #
13)	L3 AR-1232-3	5.985	0.000	94517	0	2.371	N.D. #
14)	L3 AR-1232-4	6.146	0.000	200512	0	10.063	N.D. #
15)	L3 AR-1232-5	6.246f	0.000	213973	0	14.189	N.D. #
16)	L4 AR-1242-1	5.951	5.088	177700	1112975	3.287	2.926
17)	L4 AR-1242-2	5.985	5.088f	94517	1112975	1.247	2.125 #
18)	L4 AR-1242-3	6.027	0.000	81961	0	1.792	N.D. #
19)	L4 AR-1242-4	6.146	0.000	200512	0	5.247	N.D. #
20)	L4 AR-1242-5	6.887	0.000	211152	0	4.772	N.D. #
21)	L5 AR-1248-1	5.951	5.088	177700	1112975	4.411	3.860
22)	L5 AR-1248-2	6.246f	5.329	213973	1337879	3.922	3.791
24)	L5 AR-1248-4	6.823f	0.000	642606	0	8.722	N.D. #
25)	L5 AR-1248-5	6.887	0.000	211152	0	3.006	N.D. #
26)	L6 AR-1254-1	6.823	0.000	642606	0	8.323	N.D. #
27)	L6 AR-1254-2	7.041	0.000	384874	0	3.148	N.D. #
28)	L6 AR-1254-3	7.432f	0.000	478612	0	3.569	N.D. #
29)	L6 AR-1254-4	7.678f	0.000	524306	0	5.106	N.D. #
30)	L6 AR-1254-5	8.092f	0.000	226034	0	2.033	N.D. #
31)	L7 AR-1260-1	7.597f	0.000	86518	0	0.930	N.D. #
32)	L7 AR-1260-2	7.822	0.000	210276	0	1.831	N.D. #
33)	L7 AR-1260-3	8.185	6.936	2886801	922658	32.140	1.121 #
34)	L7 AR-1260-4	8.446	7.400	3709021	32221869	35.630	45.092 #
35)	L7 AR-1260-5	8.776	7.640	1789624	15138239	8.301	8.176
36)	L8 AR-1262-1	8.185	0.000	2886801	0	23.705	N.D. #
37)	L8 AR-1262-2	8.776	7.640	1789624	15138239	7.904	7.788
38)	L8 AR-1262-3	9.110	7.926	15362833	134.3E6	157.328	177.736
39)	L8 AR-1262-4	9.215	7.991	13635097	126.3E6	119.568	89.017 #
40)	L8 AR-1262-5	9.941	8.508	5136554	46071958	62.758	67.905
41)	L9 AR-1268-1	9.110	7.926	15362833	134.3E6	51.321	53.526
42)	L9 AR-1268-2	9.215	7.991	13635097	126.3E6	49.065	52.616
43)	L9 AR-1268-3	9.461	8.205	11742721	108.2E6	51.157	53.858

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Integration File signal 1: autoint1.e
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 Quant Time: Jul 16 04:38:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.941	8.508	5136554	46071958	49.631	52.870
45) L9	AR-1268-5	10.394	8.828	37084537	328.5E6	47.442	51.884

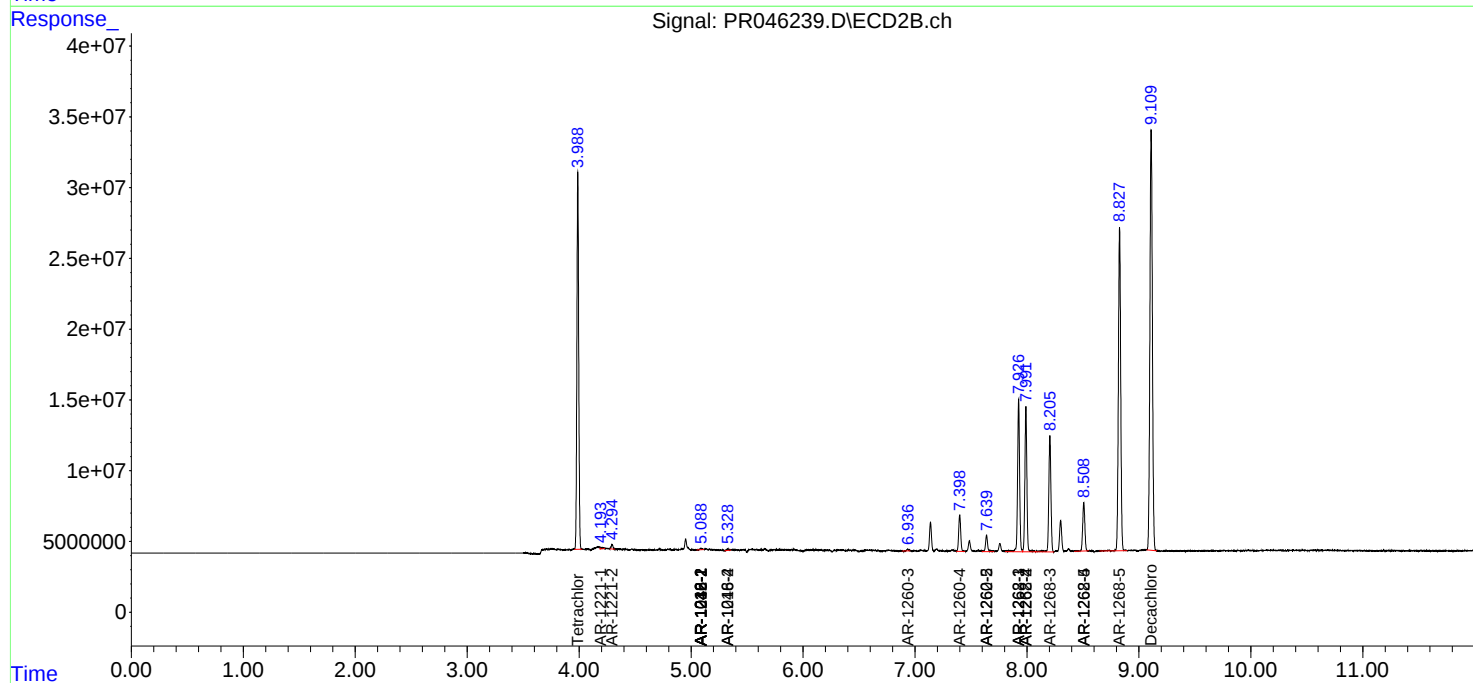
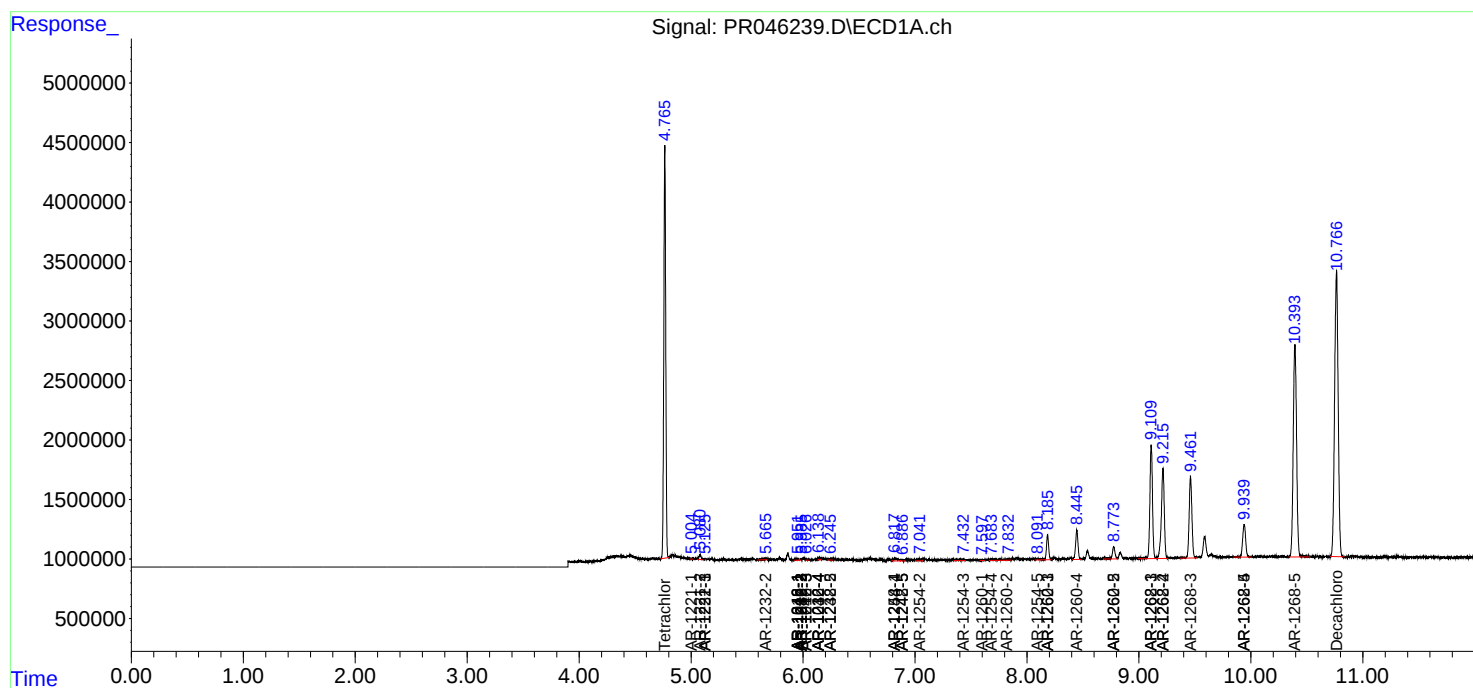
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

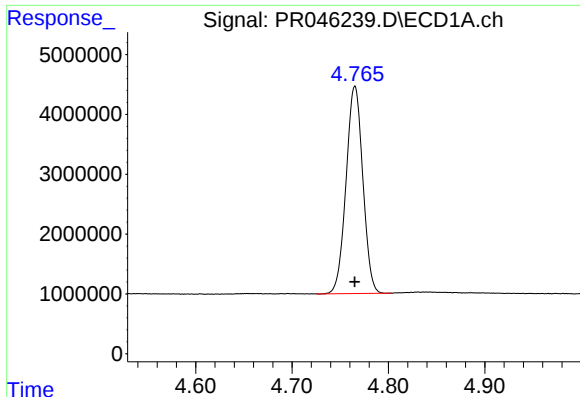
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071520\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

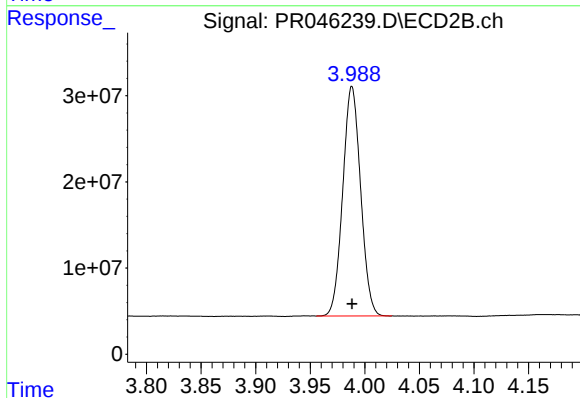




#1 Tetrachloro-m-xylene

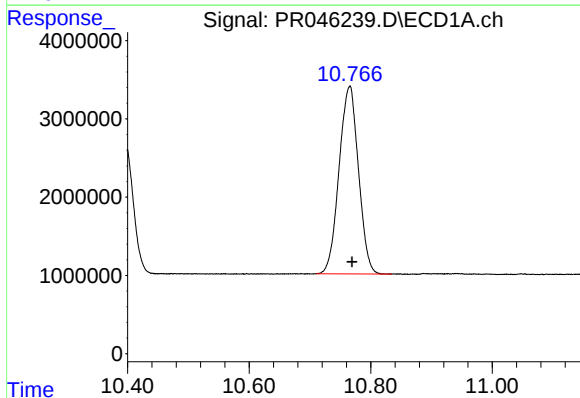
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 41646612
Conc: 22.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



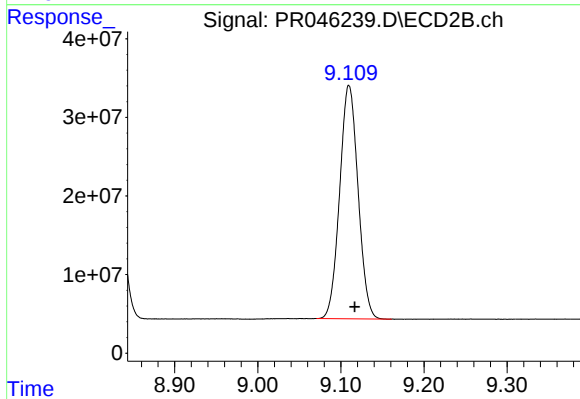
#1 Tetrachloro-m-xylene

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 303557720
Conc: 24.67 ng/ml



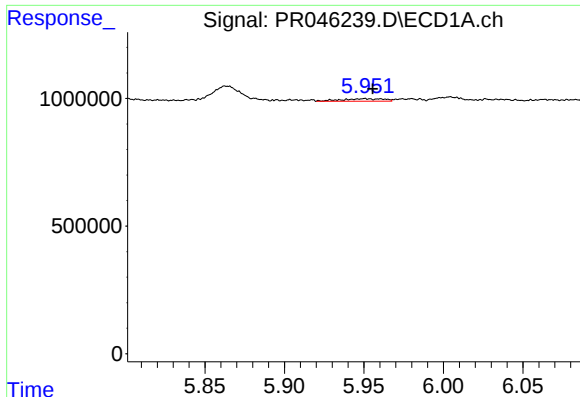
#2 Decachlorobiphenyl

R.T.: 10.765 min
Delta R.T.: -0.004 min
Response: 53110909
Conc: 26.87 ng/ml



#2 Decachlorobiphenyl

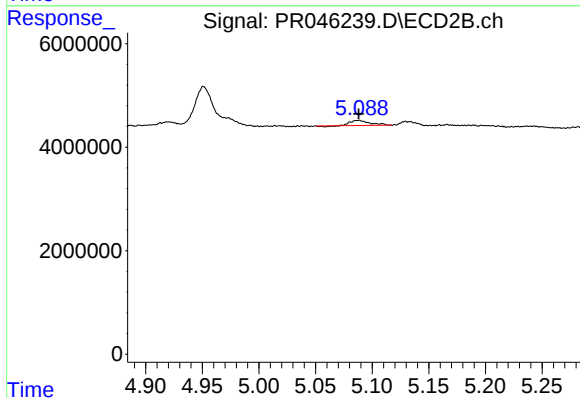
R.T.: 9.110 min
Delta R.T.: -0.007 min
Response: 456750305
Conc: 29.50 ng/ml



#3 AR-1016-1

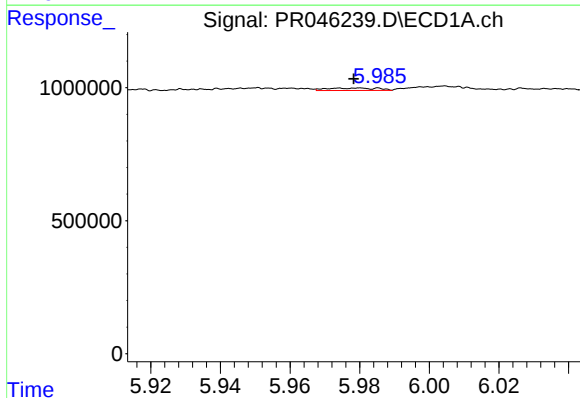
R.T.: 5.951 min
Delta R.T.: -0.005 min
Response: 177700
Conc: 2.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



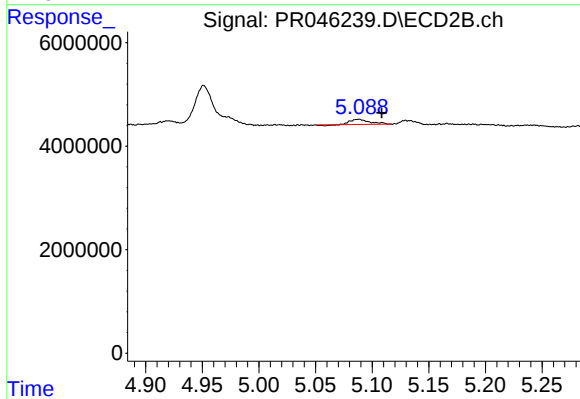
#3 AR-1016-1

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 1112975
Conc: 2.25 ng/ml



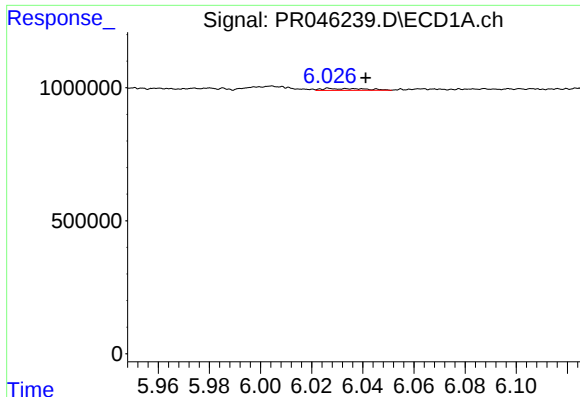
#4 AR-1016-2

R.T.: 5.985 min
Delta R.T.: 0.007 min
Response: 94517
Conc: 0.96 ng/ml



#4 AR-1016-2

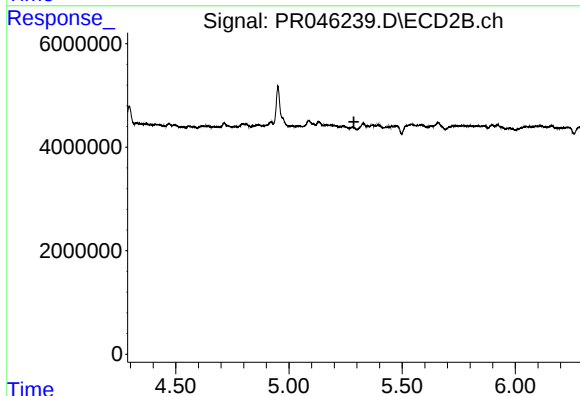
R.T.: 5.088 min
Delta R.T.: -0.021 min
Response: 1112975
Conc: 1.62 ng/ml



#5 AR-1016-3

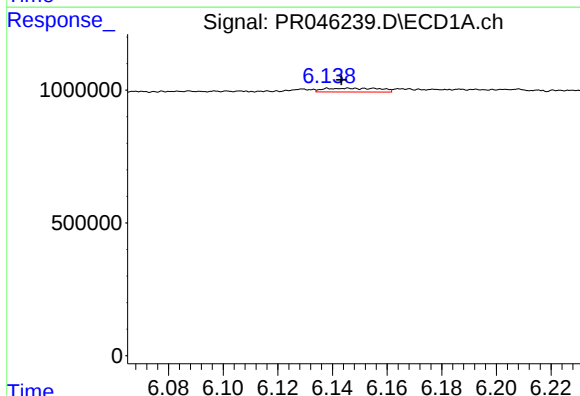
R.T.: 6.027 min
Delta R.T.: -0.014 min
Response: 81961
Conc: 1.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



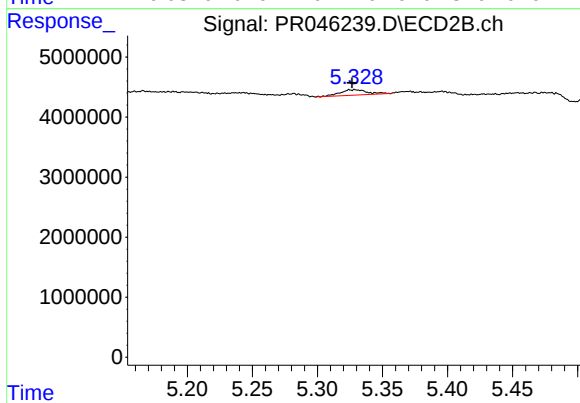
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



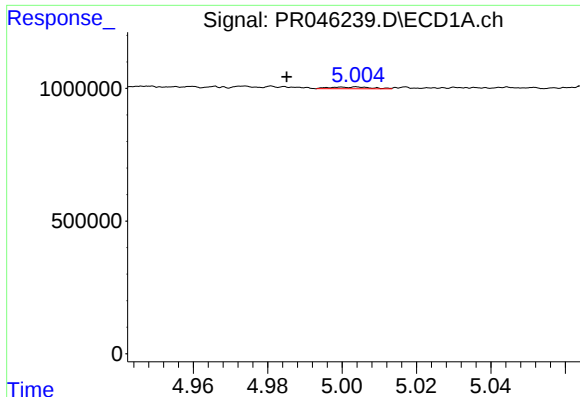
#6 AR-1016-4

R.T.: 6.146 min
Delta R.T.: 0.003 min
Response: 200512
Conc: 4.02 ng/ml



#6 AR-1016-4

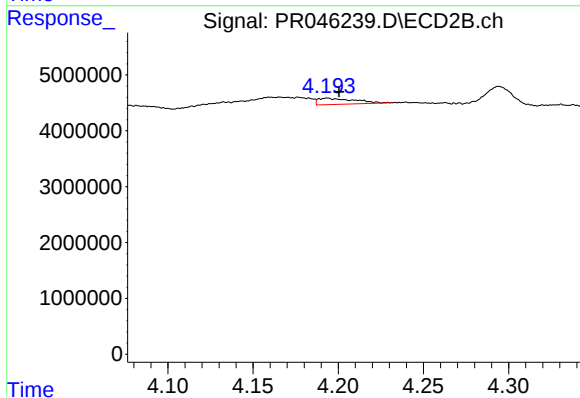
R.T.: 5.329 min
Delta R.T.: 0.002 min
Response: 1337879
Conc: 4.98 ng/ml



#8 AR-1221-1

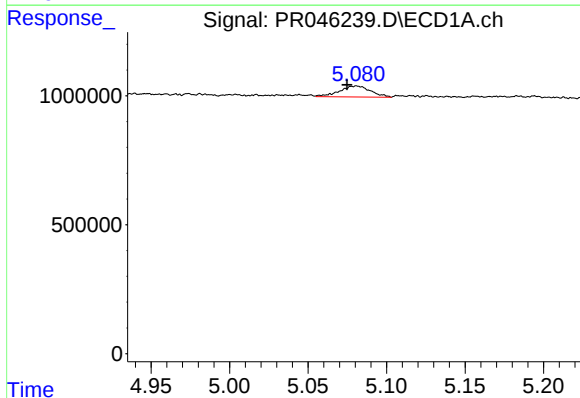
R.T.: 5.004 min
Delta R.T.: 0.019 min
Response: 50796
Conc: 2.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



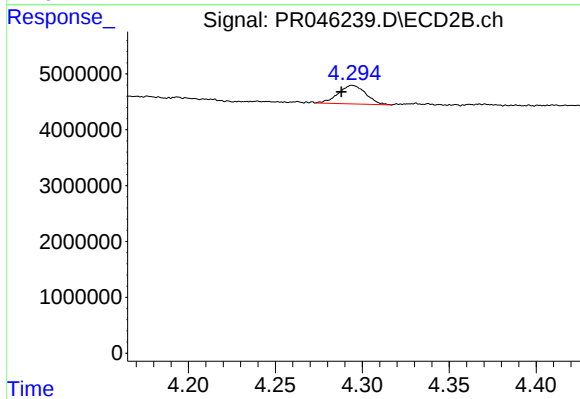
#8 AR-1221-1

R.T.: 4.194 min
Delta R.T.: -0.007 min
Response: 1612109
Conc: 11.26 ng/ml



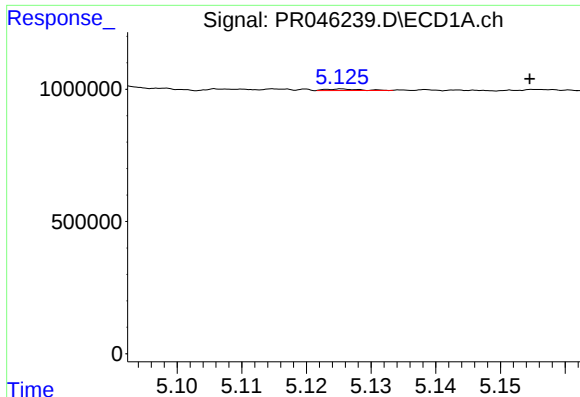
#9 AR-1221-2

R.T.: 5.081 min
Delta R.T.: 0.006 min
Response: 589517
Conc: 40.16 ng/ml



#9 AR-1221-2

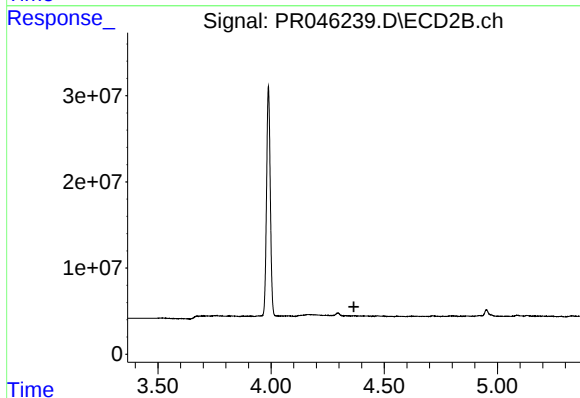
R.T.: 4.294 min
Delta R.T.: 0.006 min
Response: 3632280
Conc: 38.16 ng/ml



#10 AR-1221-3

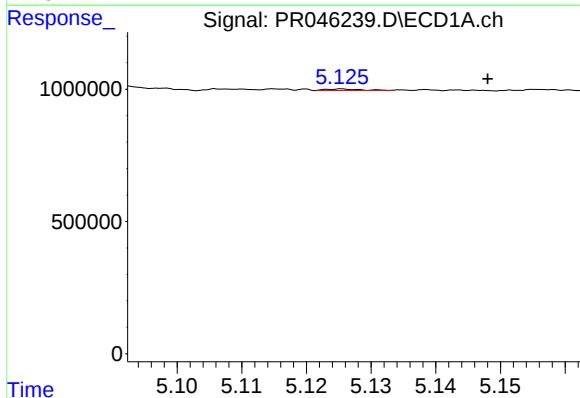
R.T.: 5.126 min
Delta R.T.: -0.029 min
Response: 20275
Conc: 0.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



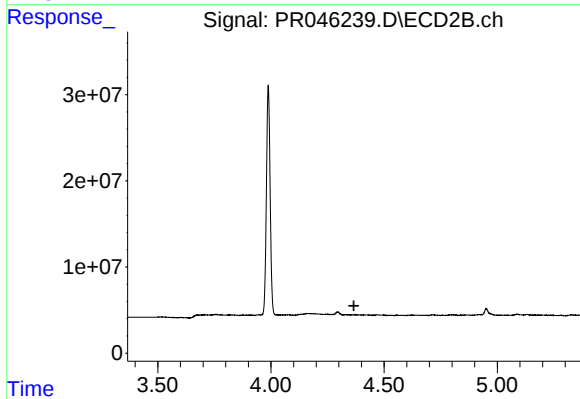
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.366 min
Response: 0
Conc: N.D.



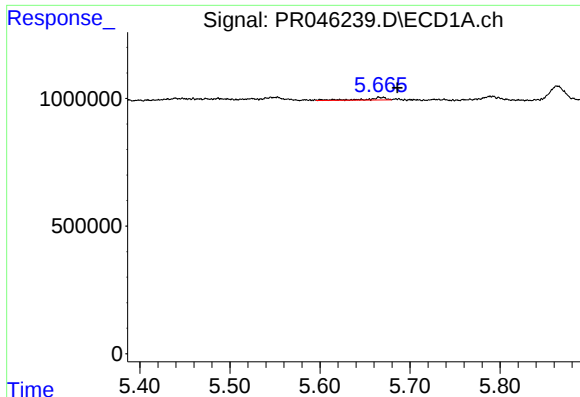
#11 AR-1232-1

R.T.: 5.126 min
Delta R.T.: -0.022 min
Response: 20275
Conc: 0.53 ng/ml



#11 AR-1232-1

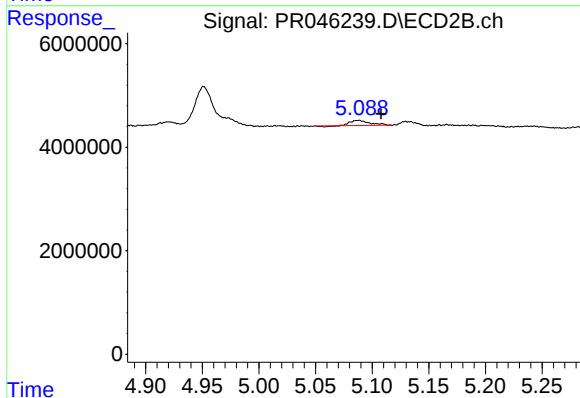
R.T.: 0.000 min
Exp R.T. : 4.366 min
Response: 0
Conc: N.D.



#12 AR-1232-2

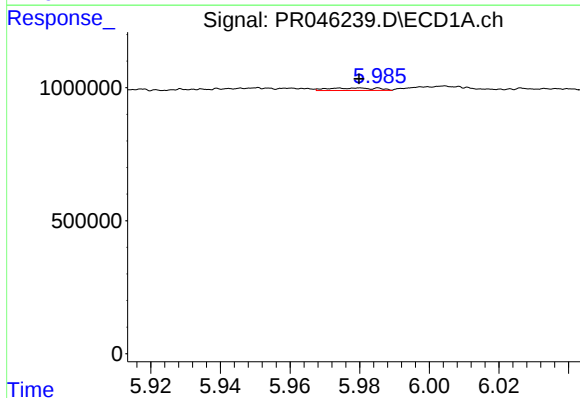
R.T.: 5.671 min
Delta R.T.: -0.016 min
Response: 162019
Conc: 8.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



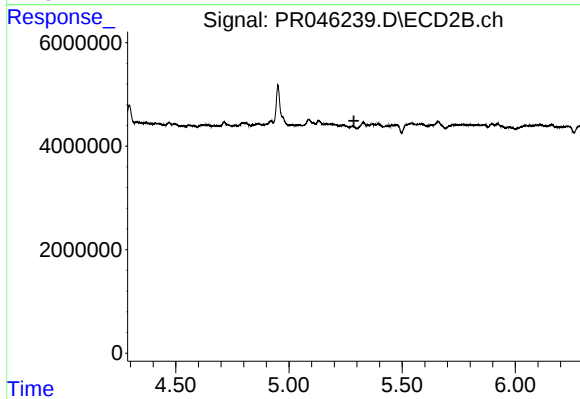
#12 AR-1232-2

R.T.: 5.088 min
Delta R.T.: -0.020 min
Response: 1112975
Conc: 3.97 ng/ml



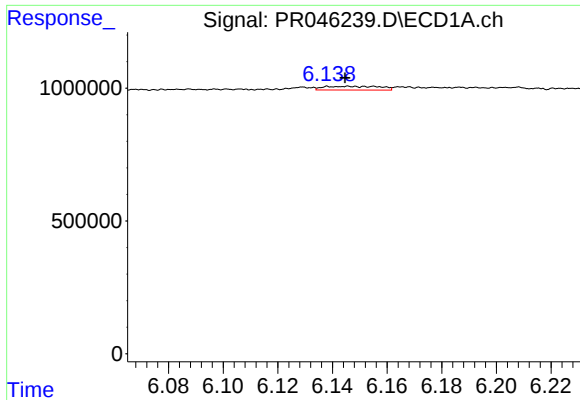
#13 AR-1232-3

R.T.: 5.985 min
Delta R.T.: 0.005 min
Response: 94517
Conc: 2.37 ng/ml



#13 AR-1232-3

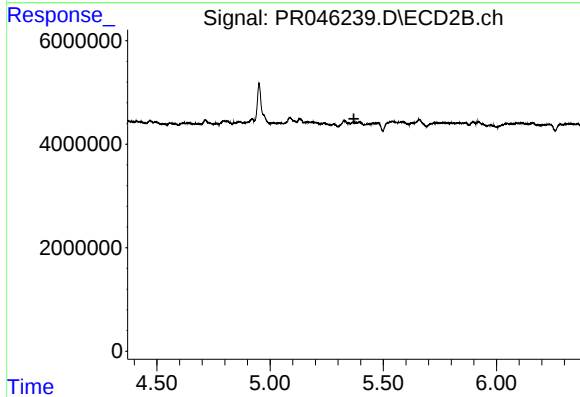
R.T.: 0.000 min
Exp R.T.: 5.287 min
Response: 0
Conc: N.D.



#14 AR-1232-4

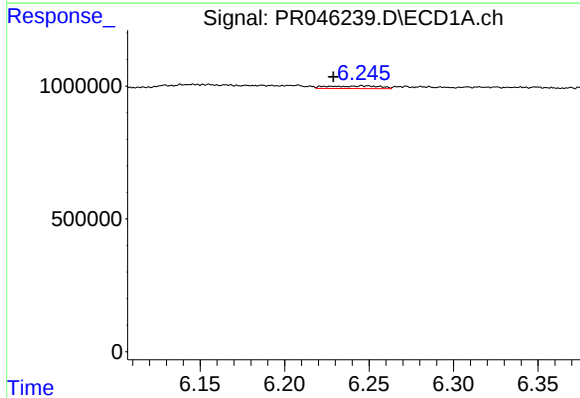
R.T.: 6.146 min
Delta R.T.: 0.001 min
Response: 200512
Conc: 10.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



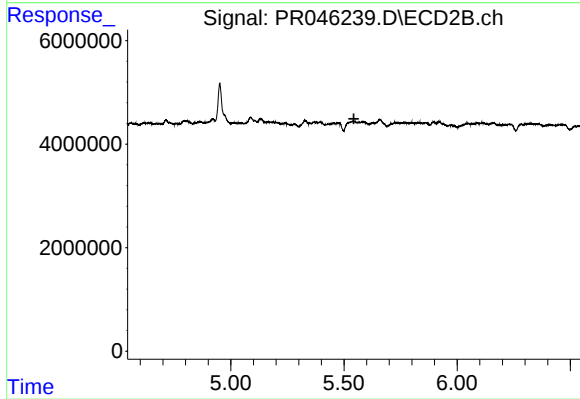
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



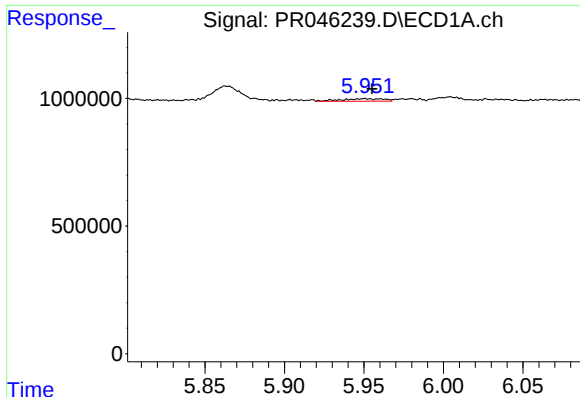
#15 AR-1232-5

R.T.: 6.246 min
Delta R.T.: 0.017 min
Response: 213973
Conc: 14.19 ng/ml



#15 AR-1232-5

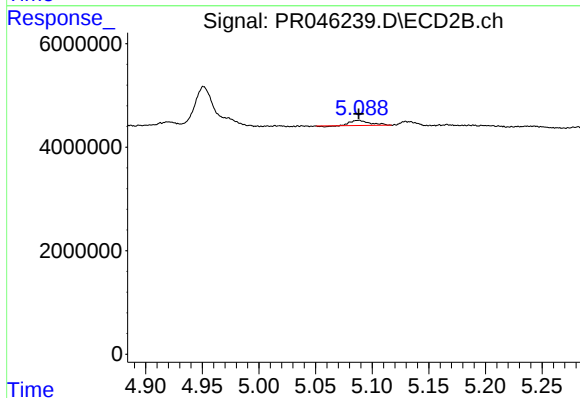
R.T.: 0.000 min
Exp R.T. : 5.544 min
Response: 0
Conc: N.D.



#16 AR-1242-1

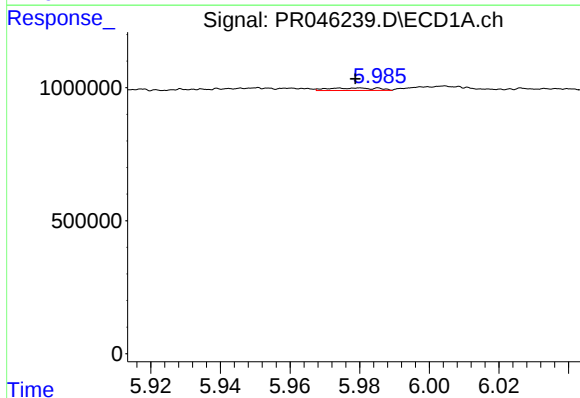
R.T.: 5.951 min
Delta R.T.: -0.005 min
Response: 177700
Conc: 3.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



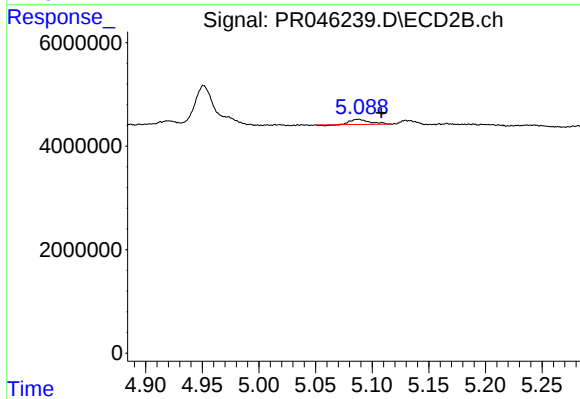
#16 AR-1242-1

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 1112975
Conc: 2.93 ng/ml



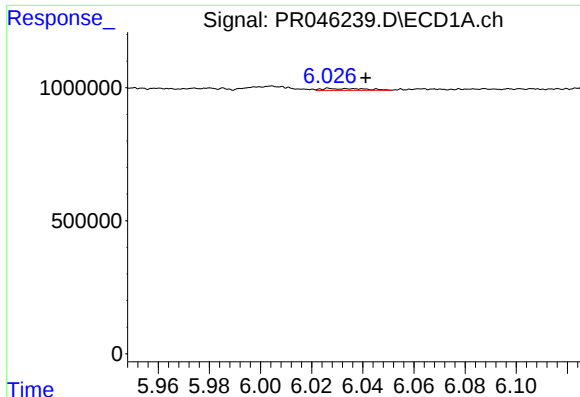
#17 AR-1242-2

R.T.: 5.985 min
Delta R.T.: 0.006 min
Response: 94517
Conc: 1.25 ng/ml



#17 AR-1242-2

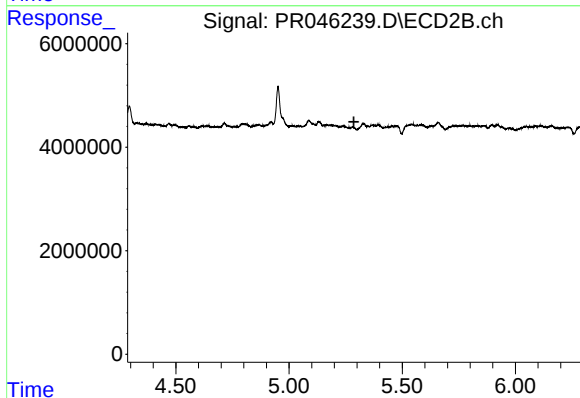
R.T.: 5.088 min
Delta R.T.: -0.020 min
Response: 1112975
Conc: 2.13 ng/ml



#18 AR-1242-3

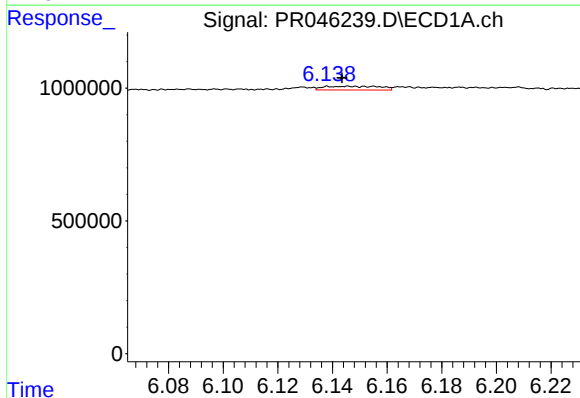
R.T.: 6.027 min
Delta R.T.: -0.014 min
Response: 81961
Conc: 1.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



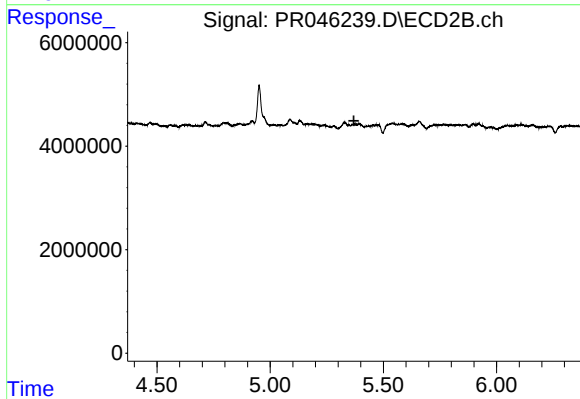
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.287 min
Response: 0
Conc: N.D.



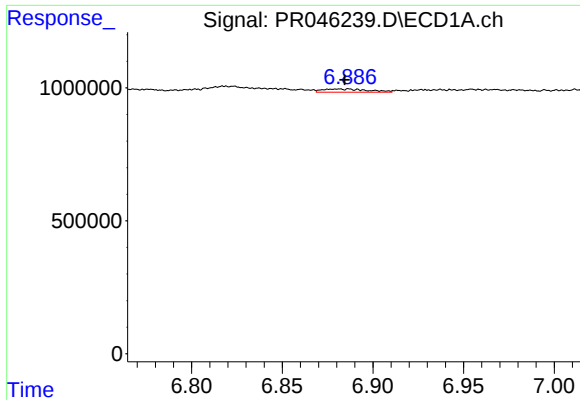
#19 AR-1242-4

R.T.: 6.146 min
Delta R.T.: 0.002 min
Response: 200512
Conc: 5.25 ng/ml



#19 AR-1242-4

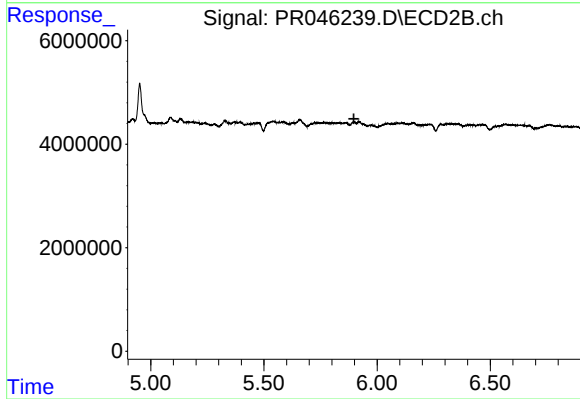
R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



#20 AR-1242-5

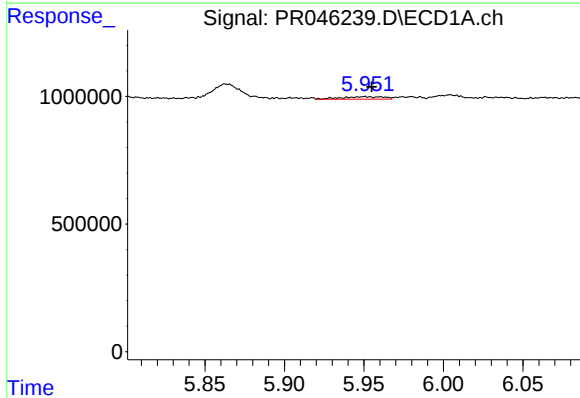
R.T.: 6.887 min
Delta R.T.: 0.002 min
Response: 211152
Conc: 4.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



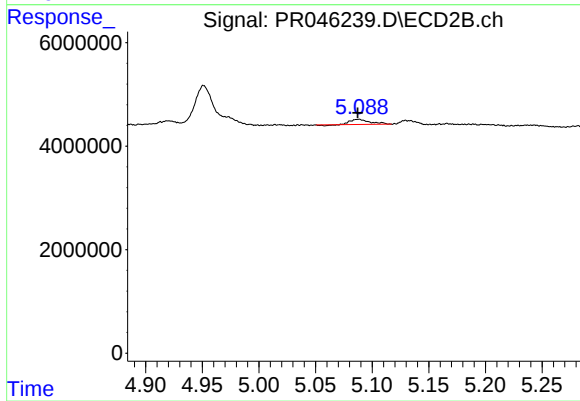
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.898 min
Response: 0
Conc: N.D.



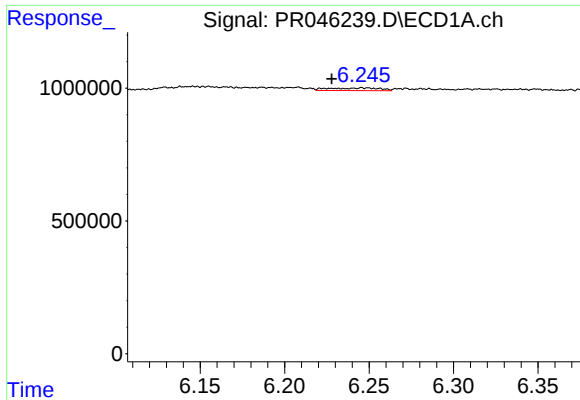
#21 AR-1248-1

R.T.: 5.951 min
Delta R.T.: -0.004 min
Response: 177700
Conc: 4.41 ng/ml



#21 AR-1248-1

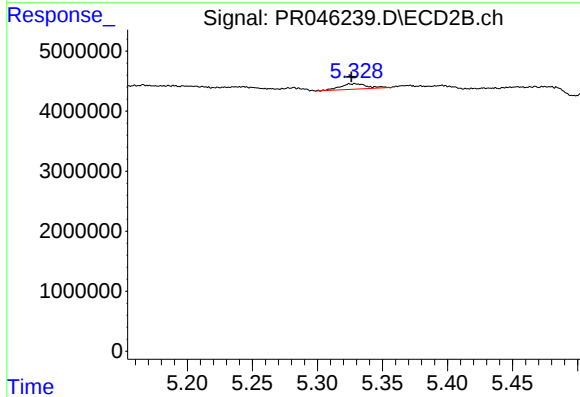
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 1112975
Conc: 3.86 ng/ml



#22 AR-1248-2

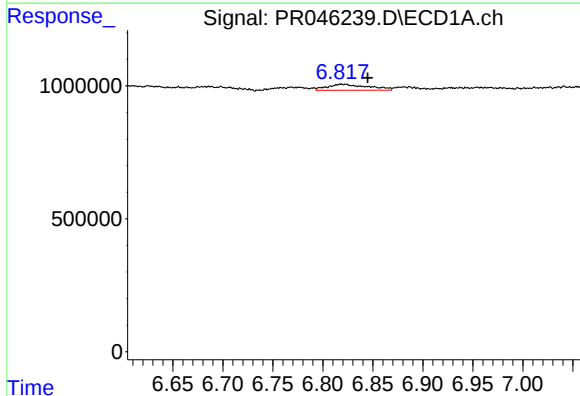
R.T.: 6.246 min
Delta R.T.: 0.018 min
Response: 213973
Conc: 3.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



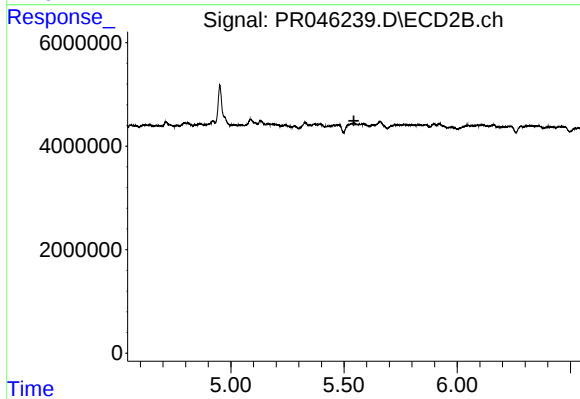
#22 AR-1248-2

R.T.: 5.329 min
Delta R.T.: 0.003 min
Response: 1337879
Conc: 3.79 ng/ml



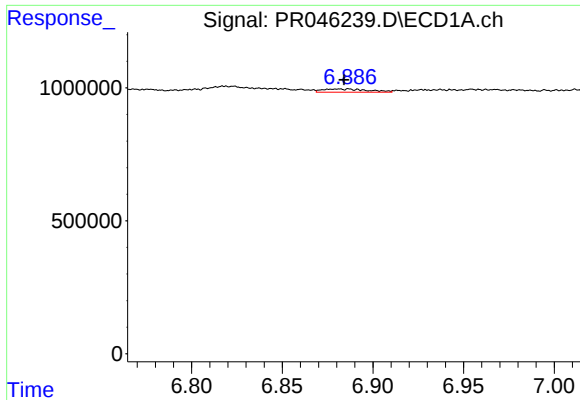
#24 AR-1248-4

R.T.: 6.823 min
Delta R.T.: -0.022 min
Response: 642606
Conc: 8.72 ng/ml



#24 AR-1248-4

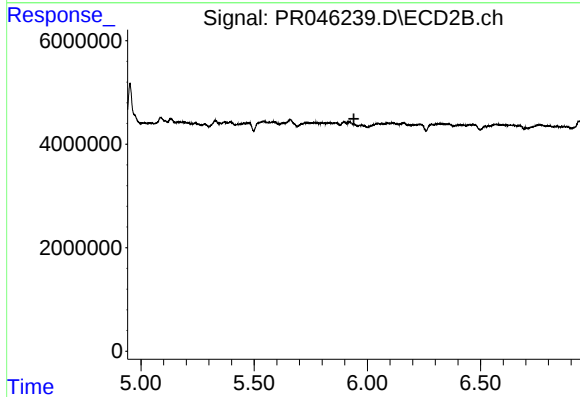
R.T.: 0.000 min
Exp R.T.: 5.544 min
Response: 0
Conc: N.D.



#25 AR-1248-5

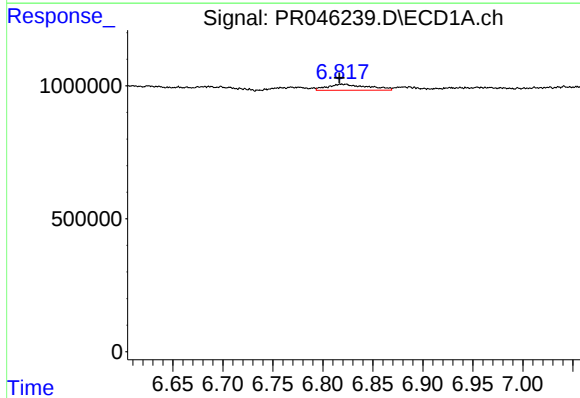
R.T.: 6.887 min
Delta R.T.: 0.003 min
Response: 211152
Conc: 3.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



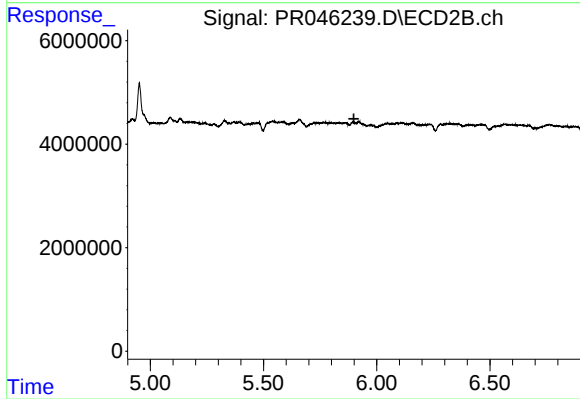
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



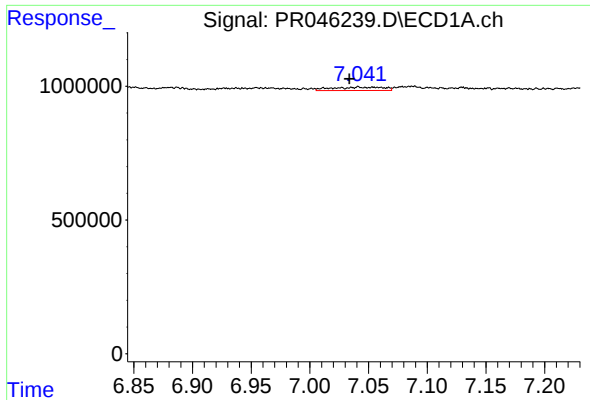
#26 AR-1254-1

R.T.: 6.823 min
Delta R.T.: 0.006 min
Response: 642606
Conc: 8.32 ng/ml



#26 AR-1254-1

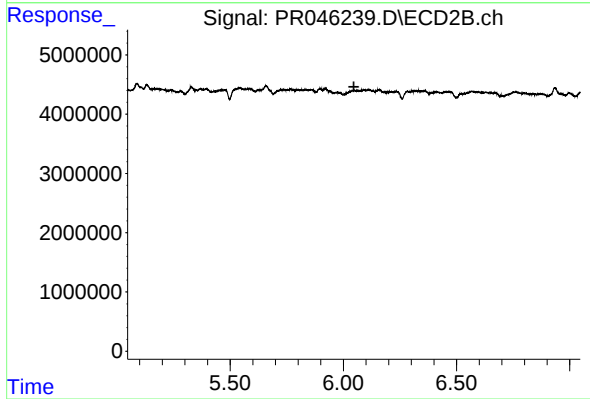
R.T.: 0.000 min
Exp R.T. : 5.899 min
Response: 0
Conc: N.D.



#27 AR-1254-2

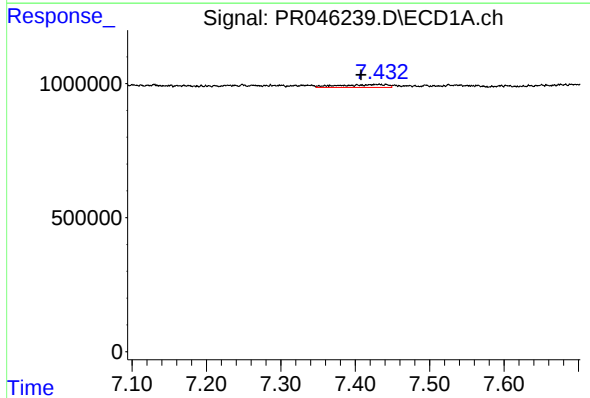
R.T.: 7.041 min
Delta R.T.: 0.008 min
Response: 384874
Conc: 3.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



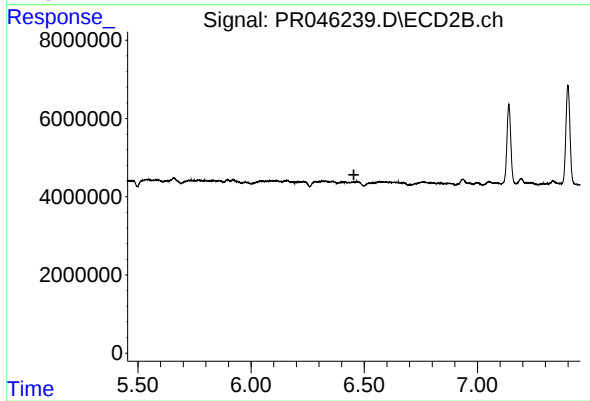
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.047 min
Response: 0
Conc: N.D.



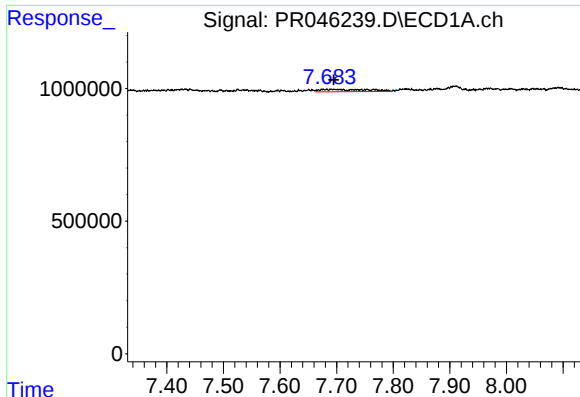
#28 AR-1254-3

R.T.: 7.432 min
Delta R.T.: 0.025 min
Response: 478612
Conc: 3.57 ng/ml



#28 AR-1254-3

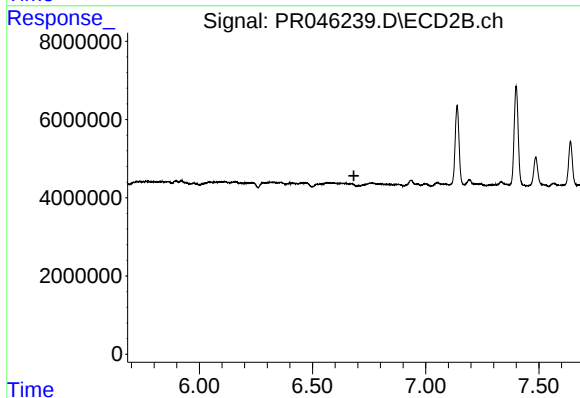
R.T.: 0.000 min
Exp R.T. : 6.454 min
Response: 0
Conc: N.D.



#29 AR-1254-4

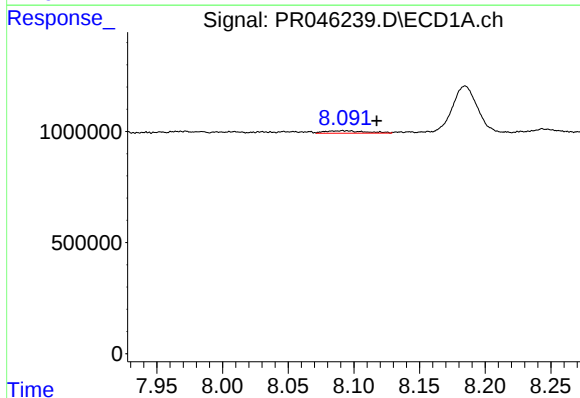
R.T.: 7.678 min
Delta R.T.: -0.017 min
Response: 524306
Conc: 5.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



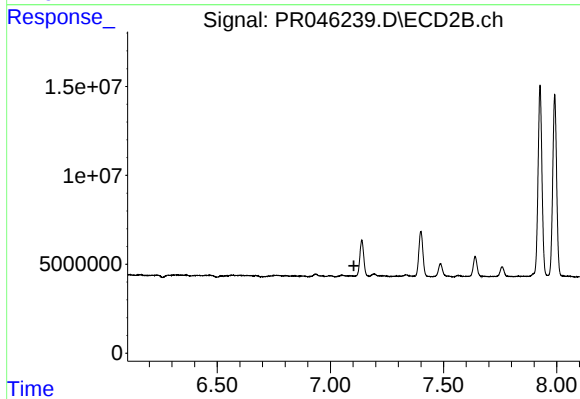
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.683 min
Response: 0
Conc: N.D.



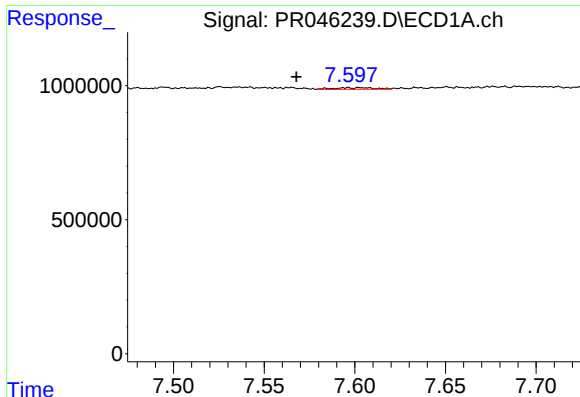
#30 AR-1254-5

R.T.: 8.092 min
Delta R.T.: -0.025 min
Response: 226034
Conc: 2.03 ng/ml



#30 AR-1254-5

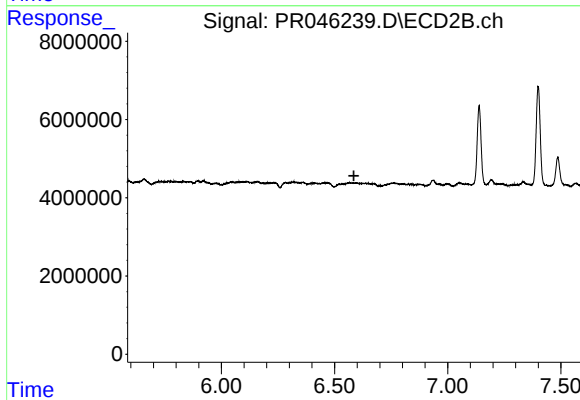
R.T.: 0.000 min
Exp R.T. : 7.104 min
Response: 0
Conc: N.D.



#31 AR-1260-1

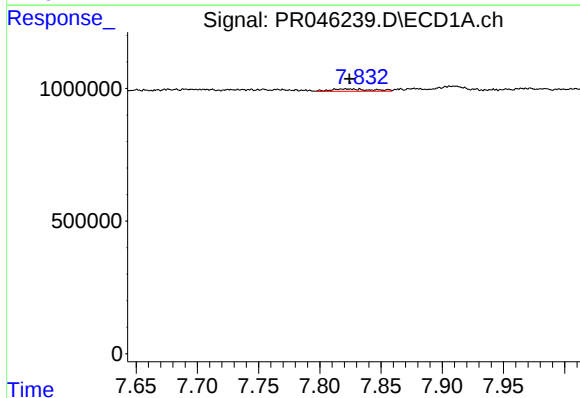
R.T.: 7.597 min
Delta R.T.: 0.030 min
Response: 86518
Conc: 0.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



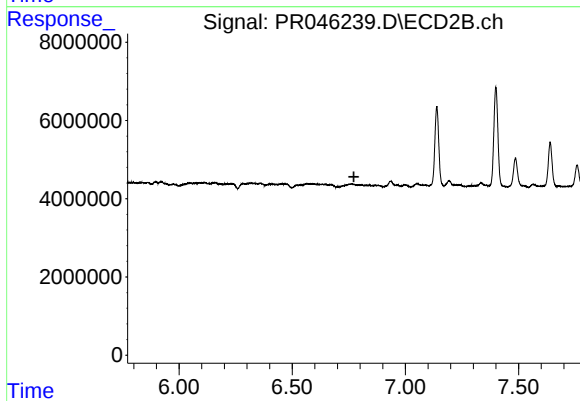
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.585 min
Response: 0
Conc: N.D.



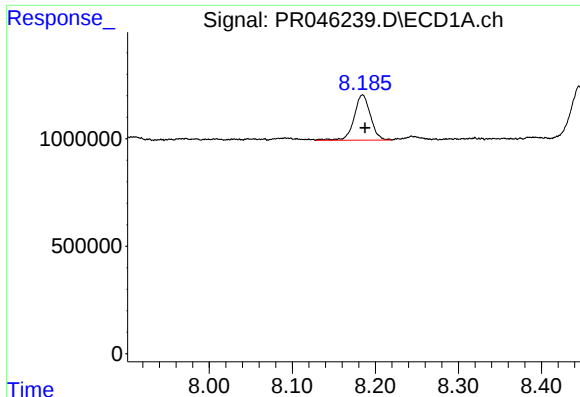
#32 AR-1260-2

R.T.: 7.822 min
Delta R.T.: -0.003 min
Response: 210276
Conc: 1.83 ng/ml



#32 AR-1260-2

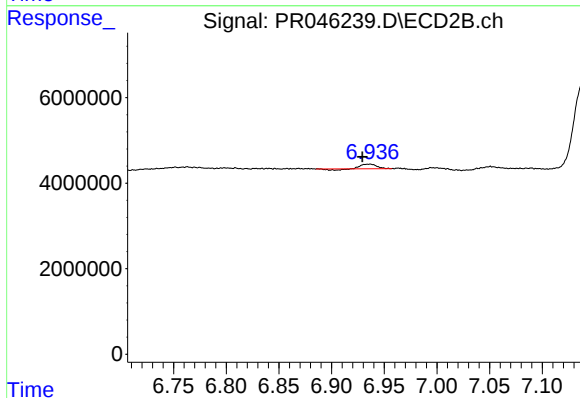
R.T.: 0.000 min
Exp R.T. : 6.773 min
Response: 0
Conc: N.D.



#33 AR-1260-3

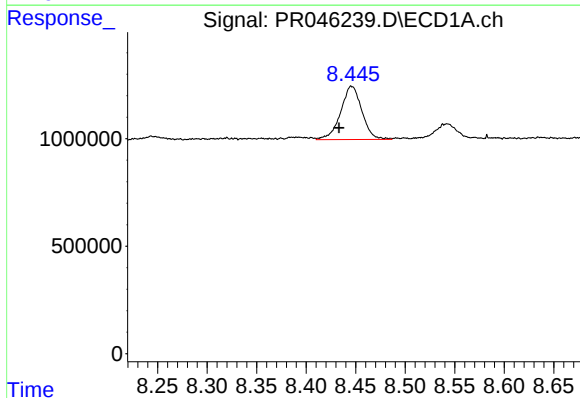
R.T.: 8.185 min
Delta R.T.: -0.003 min
Response: 2886801
Conc: 32.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



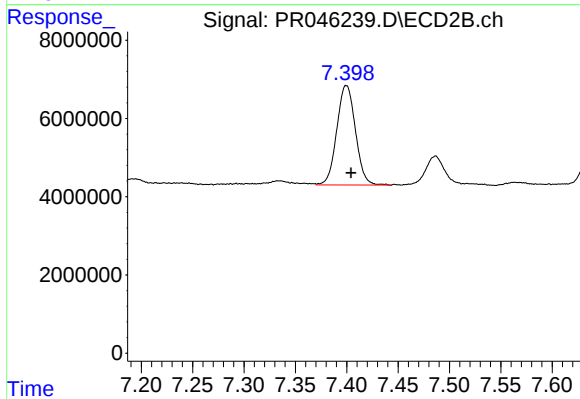
#33 AR-1260-3

R.T.: 6.936 min
Delta R.T.: 0.007 min
Response: 922658
Conc: 1.12 ng/ml



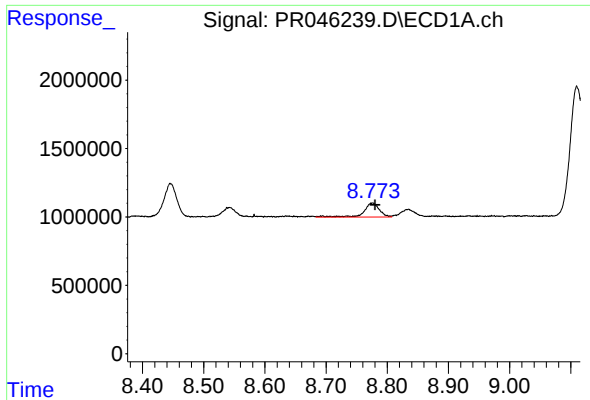
#34 AR-1260-4

R.T.: 8.446 min
Delta R.T.: 0.013 min
Response: 3709021
Conc: 35.63 ng/ml



#34 AR-1260-4

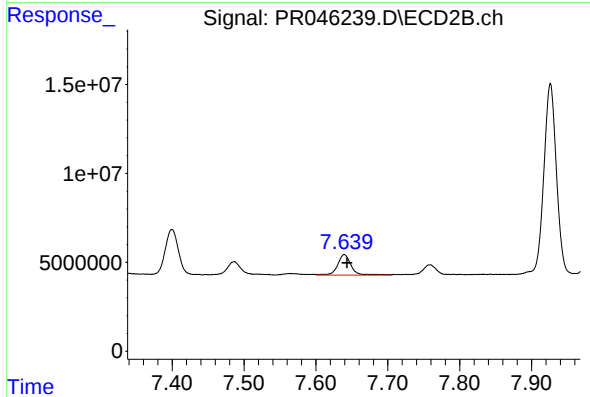
R.T.: 7.400 min
Delta R.T.: -0.005 min
Response: 32221869
Conc: 45.09 ng/ml



#35 AR-1260-5

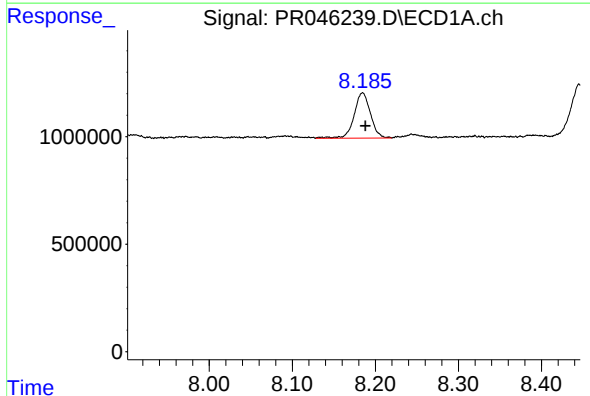
R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 1789624
Conc: 8.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



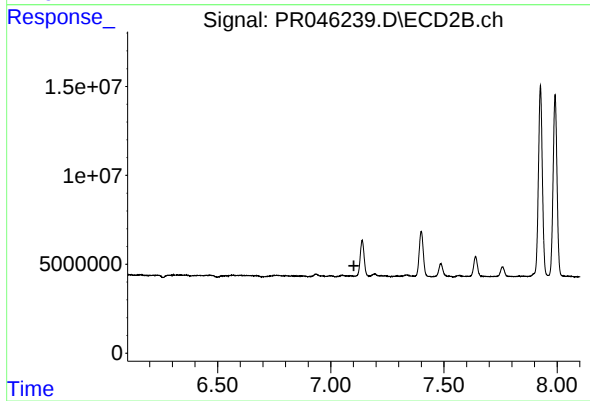
#35 AR-1260-5

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 15138239
Conc: 8.18 ng/ml



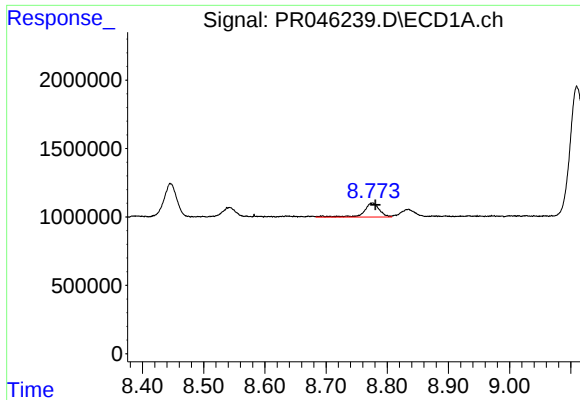
#36 AR-1262-1

R.T.: 8.185 min
Delta R.T.: -0.004 min
Response: 2886801
Conc: 23.70 ng/ml



#36 AR-1262-1

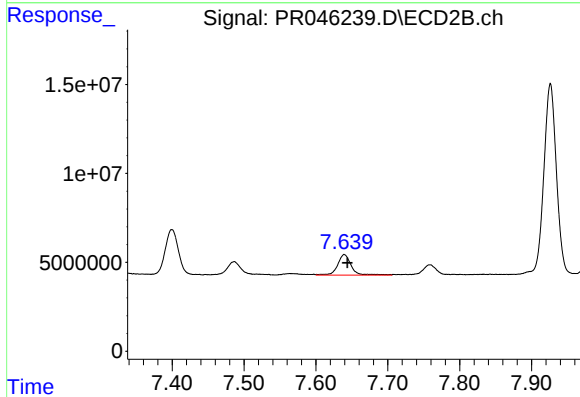
R.T.: 0.000 min
Exp R.T. : 7.102 min
Response: 0
Conc: N.D.



#37 AR-1262-2

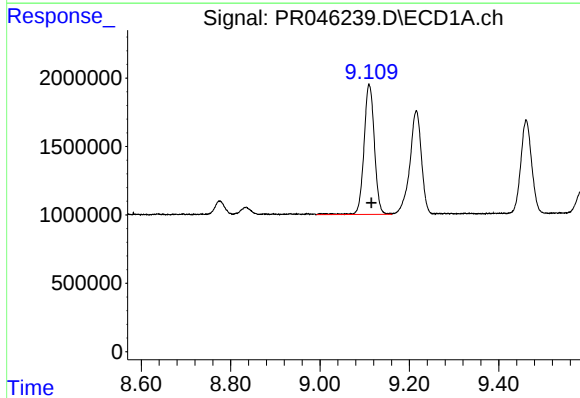
R.T.: 8.776 min
Delta R.T.: -0.005 min
Response: 1789624
Conc: 7.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



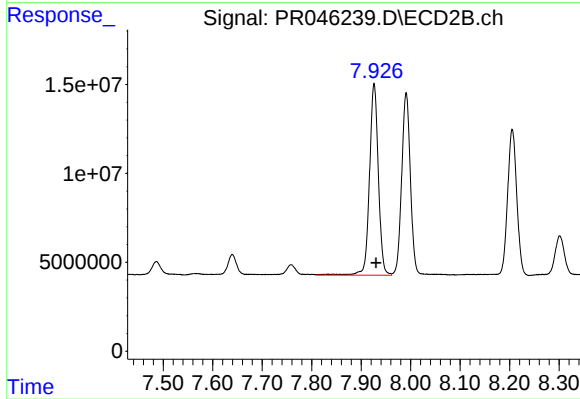
#37 AR-1262-2

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 15138239
Conc: 7.79 ng/ml



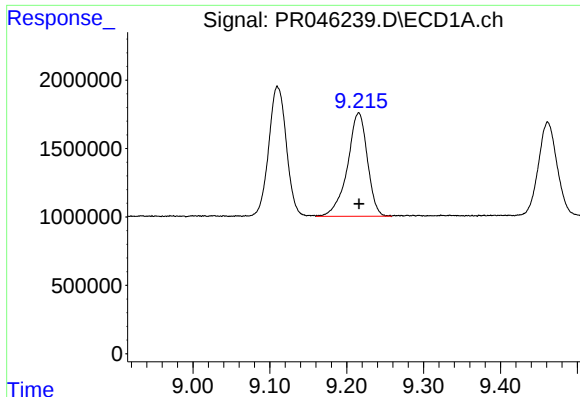
#38 AR-1262-3

R.T.: 9.110 min
Delta R.T.: -0.005 min
Response: 15362833
Conc: 157.33 ng/ml



#38 AR-1262-3

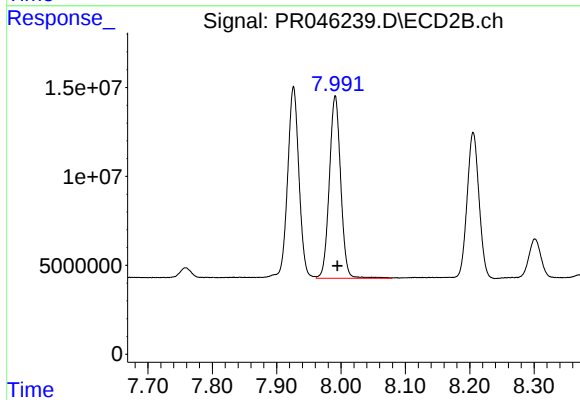
R.T.: 7.926 min
Delta R.T.: -0.004 min
Response: 134330166
Conc: 177.74 ng/ml



#39 AR-1262-4

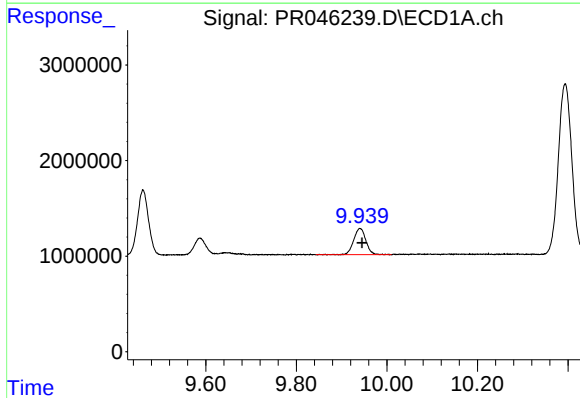
R.T.: 9.215 min
Delta R.T.: 0.000 min
Response: 13635097
Conc: 119.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



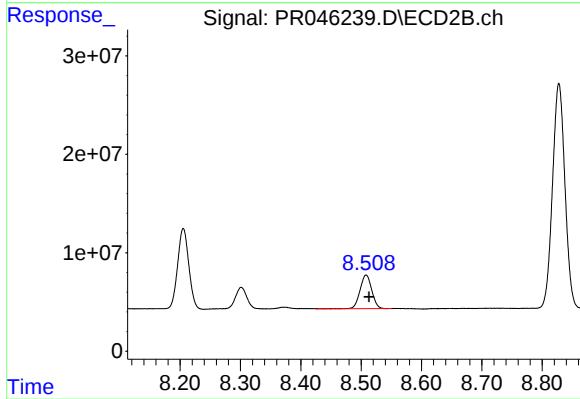
#39 AR-1262-4

R.T.: 7.991 min
Delta R.T.: -0.004 min
Response: 126255924
Conc: 89.02 ng/ml



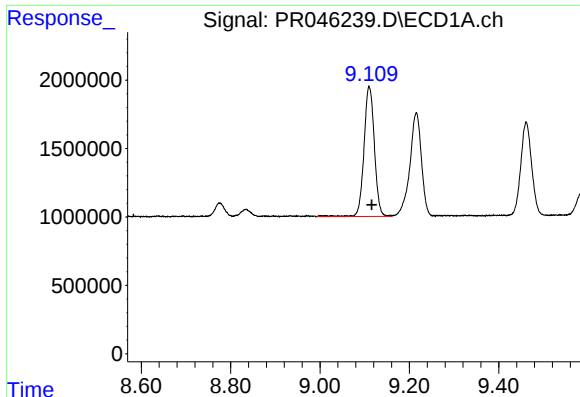
#40 AR-1262-5

R.T.: 9.941 min
Delta R.T.: -0.005 min
Response: 5136554
Conc: 62.76 ng/ml



#40 AR-1262-5

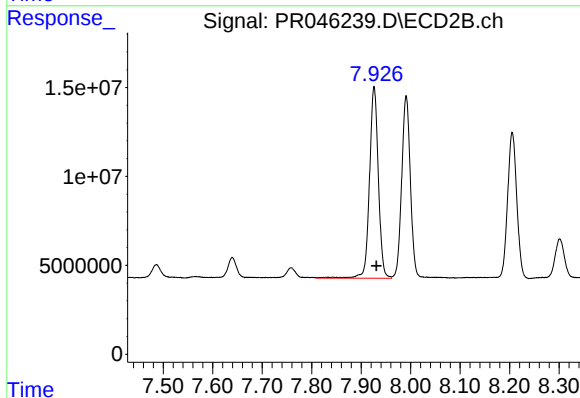
R.T.: 8.508 min
Delta R.T.: -0.005 min
Response: 46071958
Conc: 67.90 ng/ml



#41 AR-1268-1

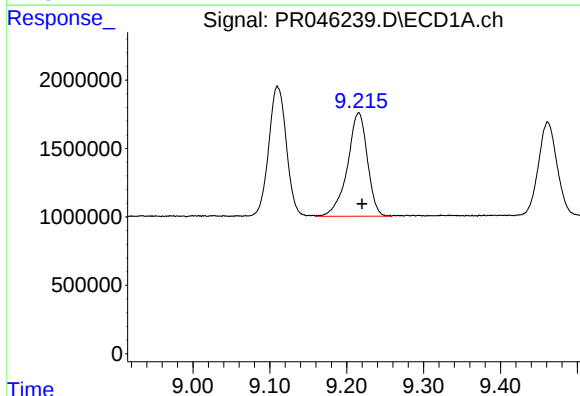
R.T.: 9.110 min
Delta R.T.: -0.005 min
Response: 15362833
Conc: 51.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



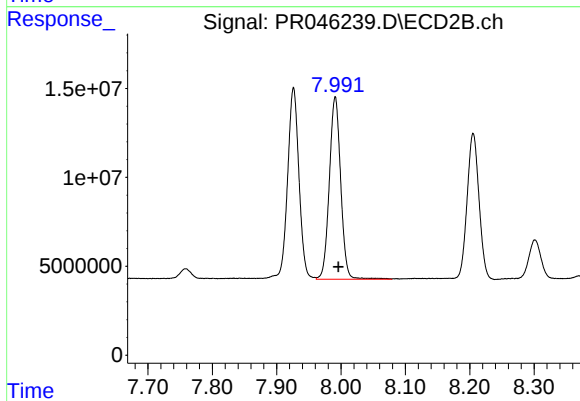
#41 AR-1268-1

R.T.: 7.926 min
Delta R.T.: -0.004 min
Response: 134330166
Conc: 53.53 ng/ml



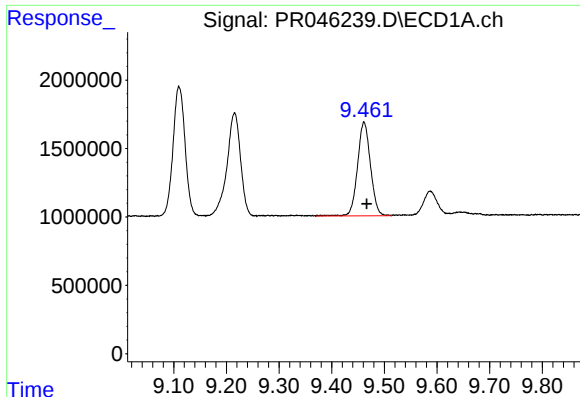
#42 AR-1268-2

R.T.: 9.215 min
Delta R.T.: -0.005 min
Response: 13635097
Conc: 49.07 ng/ml



#42 AR-1268-2

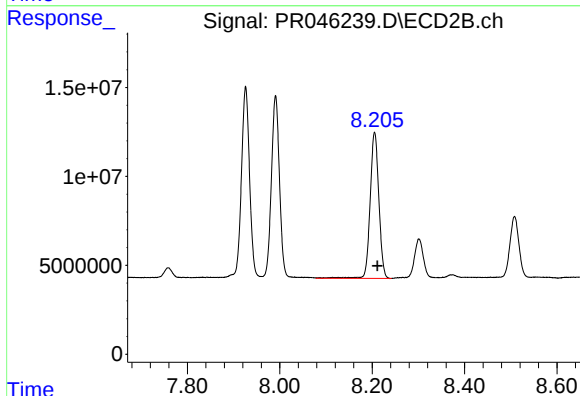
R.T.: 7.991 min
Delta R.T.: -0.005 min
Response: 126255924
Conc: 52.62 ng/ml



#43 AR-1268-3

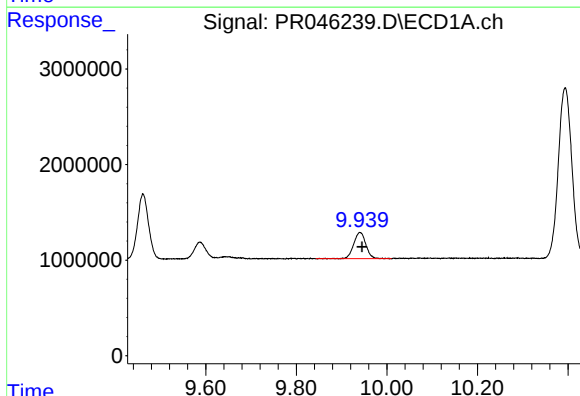
R.T.: 9.461 min
Delta R.T.: -0.005 min
Response: 11742721
Conc: 51.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



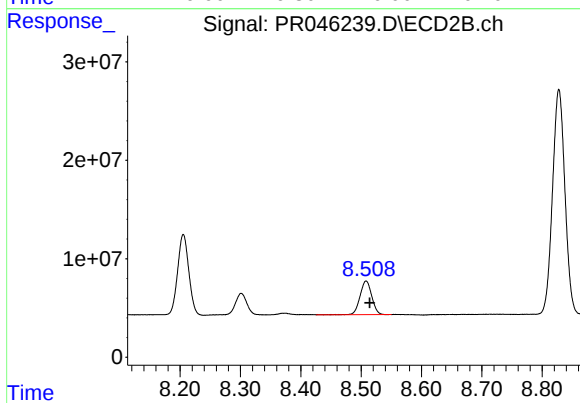
#43 AR-1268-3

R.T.: 8.205 min
Delta R.T.: -0.006 min
Response: 108154046
Conc: 53.86 ng/ml



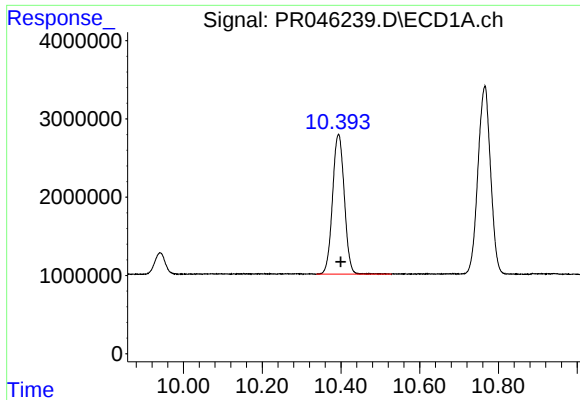
#44 AR-1268-4

R.T.: 9.941 min
Delta R.T.: -0.005 min
Response: 5136554
Conc: 49.63 ng/ml



#44 AR-1268-4

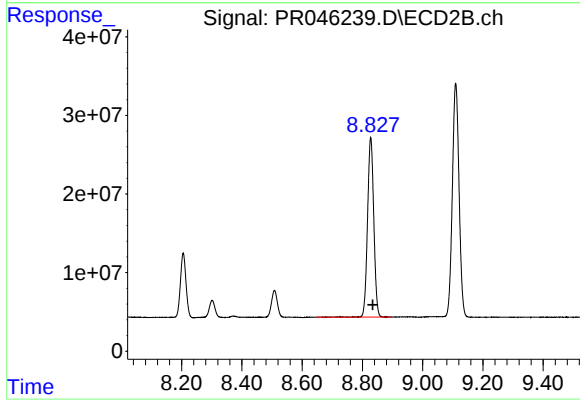
R.T.: 8.508 min
Delta R.T.: -0.006 min
Response: 46071958
Conc: 52.87 ng/ml



#45 AR-1268-5

R.T.: 10.394 min
Delta R.T.: -0.005 min
Response: 37084537
Conc: 47.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.828 min
Delta R.T.: -0.006 min
Response: 328495927
Conc: 51.88 ng/ml