

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
 Data File : PR051414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 14:07
 Operator : AJ\MA
 Sample : M2940-03
 Misc : AR1221 MLD 25 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:31:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 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...	4.627	3.808	168.3E6	155.5E6	20.587	20.906
2)	SA Decachlor...	10.504	8.832	183.2E6	138.7E6	19.068	17.343
Target Compounds							
3)	L1 AR-1016-1	5.813	4.913f	913002	2726395	2.516	9.266 #
4)	L1 AR-1016-2	5.832	4.913	1047852	2726395	2.020	6.457 #
5)	L1 AR-1016-3	5.893	5.086	750169	401981	2.472	1.806 #
6)	L1 AR-1016-4	5.997	5.134	275807	1453218	1.073	8.580 #
7)	L1 AR-1016-5	6.295	5.343	149996	118977	0.605	0.538
8)	L2 AR-1221-1	4.841	4.022	1860713	2374156	21.126	32.341 #
9)	L2 AR-1221-2	4.934	4.107	4488281	3182148	66.732	53.955
10)	L2 AR-1221-3	5.008	4.182	6372282	5097047	29.643	26.788
11)	L3 AR-1232-1	5.008	4.182	6372282	5097047	35.294	31.566
12)	L3 AR-1232-2	5.543	4.913	702267	2726395	7.224	16.264 #
13)	L3 AR-1232-3	5.832	5.086	1047852	401981	5.013	4.613
14)	L3 AR-1232-4	5.997	5.168	275807	143964	2.671	1.957 #
15)	L3 AR-1232-5	6.075	5.343	54399	118977	0.724	1.462 #
16)	L4 AR-1242-1	5.813	4.913f	913002	2726395	3.567	13.155 #
17)	L4 AR-1242-2	5.832	4.913	1047852	2726395	2.772	8.991 #
18)	L4 AR-1242-3	5.893	5.086	750169	401981	3.410	2.519 #
19)	L4 AR-1242-4	5.997	5.168	275807	143964	1.479	0.974 #
20)	L4 AR-1242-5	6.734	5.697	1172403	184678	5.356	0.921 #
21)	L5 AR-1248-1	5.813	4.913f	913002	2726395	4.330	15.981 #
22)	L5 AR-1248-2	6.075	5.134	54399	1453218	0.186	6.345 #
23)	L5 AR-1248-3	6.295	5.168	149996	143964	0.449	0.605 #
24)	L5 AR-1248-4	6.699	5.343	569216	118977	1.369	0.415 #
25)	L5 AR-1248-5	6.734	5.716f	1172403	522365	2.939	1.704 #
26)	L6 AR-1254-1	6.670	5.697	1465478	184678	4.135	0.450 #
27)	L6 AR-1254-2	6.904f	0.000	2332644	0	4.150	N.D. #
28)	L6 AR-1254-3	7.278f	0.000	3289977	0	5.496	N.D. #
29)	L6 AR-1254-4	7.536	0.000	2918634	0	5.937	N.D. #
30)	L6 AR-1254-5	7.977	0.000	1475004	0	3.113	N.D. #
31)	L7 AR-1260-1	7.421	0.000	3376585	0	7.077	N.D. #
32)	L7 AR-1260-2	7.686	6.538f	2769618	342674	4.385	0.678 #
33)	L7 AR-1260-3	8.032	6.690f	1404504	77190	2.809	0.158 #
34)	L7 AR-1260-4	8.264	0.000	1577910	0	3.081	N.D. #
35)	L7 AR-1260-5	8.599	0.000	717367	0	0.622	N.D. #
36)	L8 AR-1262-1	8.032	0.000	1404504	0	2.139	N.D. #
37)	L8 AR-1262-2	8.599	0.000	717367	0	0.597	N.D. #
38)	L8 AR-1262-3	0.000	7.711	0	147775	N.D.	0.402 #
39)	L8 AR-1262-4	9.055f	0.000	171744	0	0.295	N.D. #
41)	L9 AR-1268-1	0.000	7.711	0	147775	N.D.	0.137 #
42)	L9 AR-1268-2	9.055f	0.000	171744	0	0.135	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:31:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 Response via : Initial Calibration
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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	9.263	7.979	1082720	610310	0.970	0.742
45) L9	AR-1268-5	10.152	8.570	2724246	1466557	0.745	0.528 #

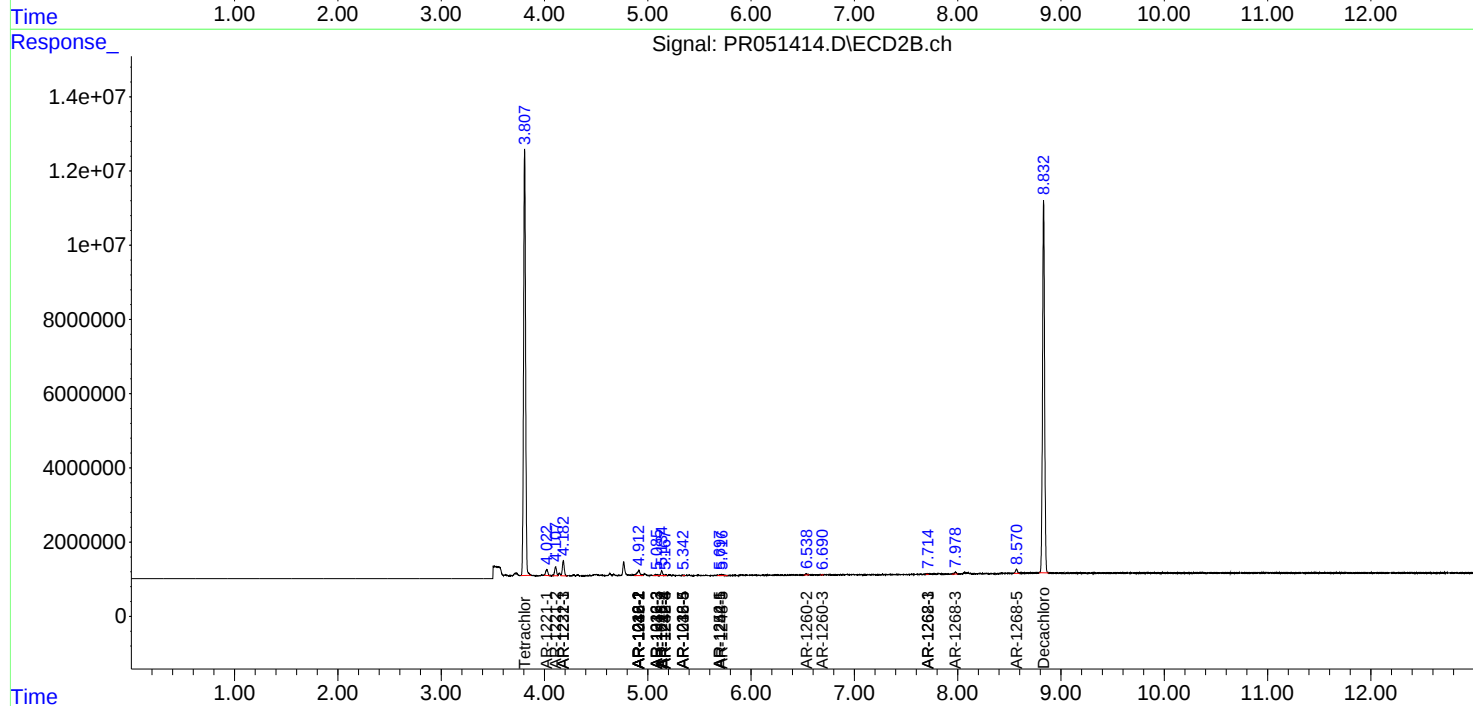
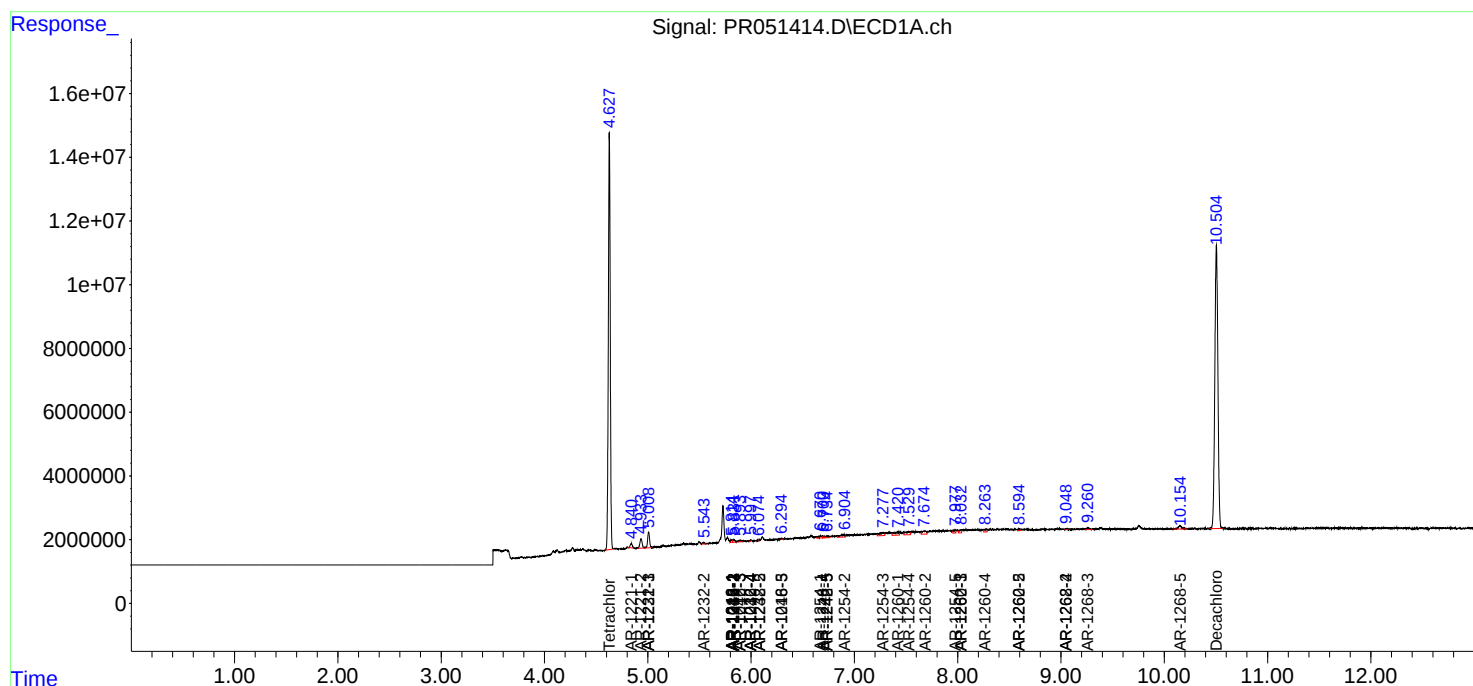
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

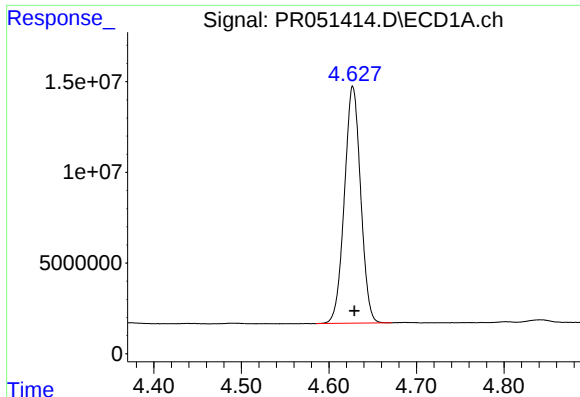
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

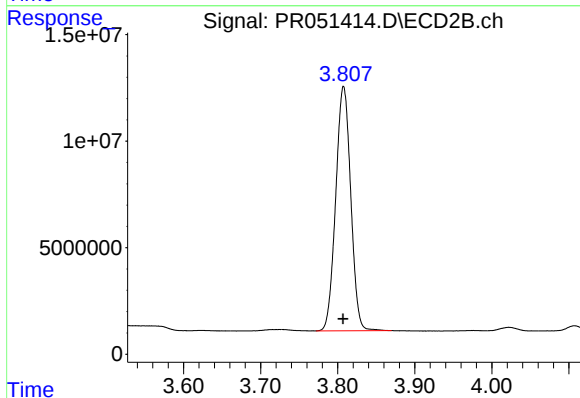




#1 Tetrachloro-m-xylene

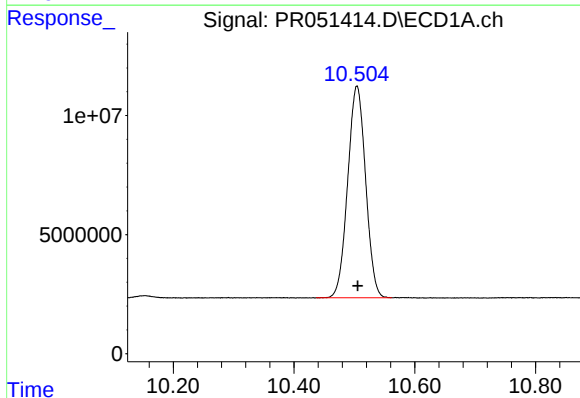
R.T.: 4.627 min
Delta R.T.: -0.002 min
Response: 168256103
Conc: 20.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



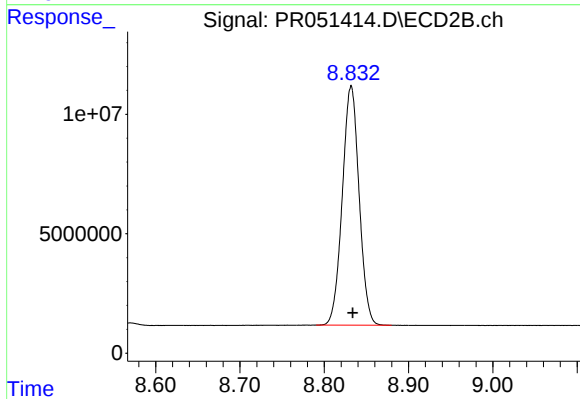
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 155453235
Conc: 20.91 ng/ml



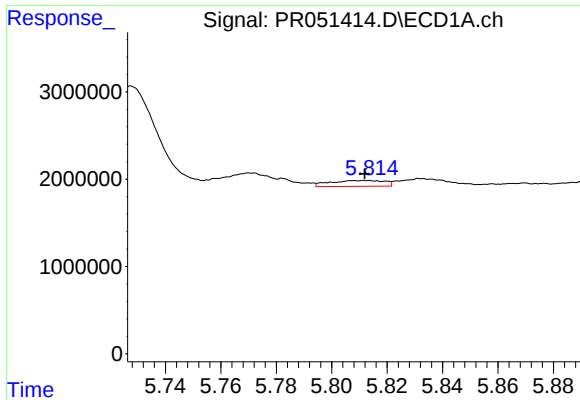
#2 Decachlorobiphenyl

R.T.: 10.504 min
Delta R.T.: -0.002 min
Response: 183154628
Conc: 19.07 ng/ml



#2 Decachlorobiphenyl

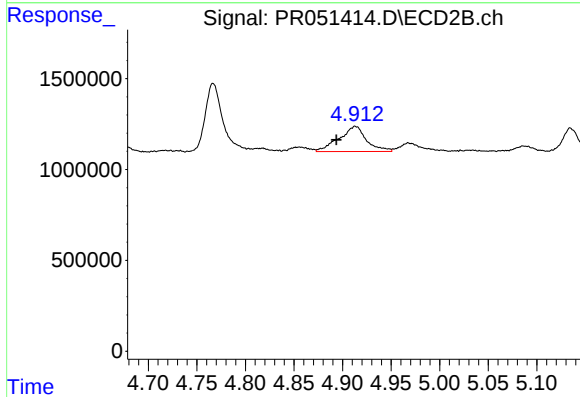
R.T.: 8.832 min
Delta R.T.: -0.002 min
Response: 138664537
Conc: 17.34 ng/ml



#3 AR-1016-1

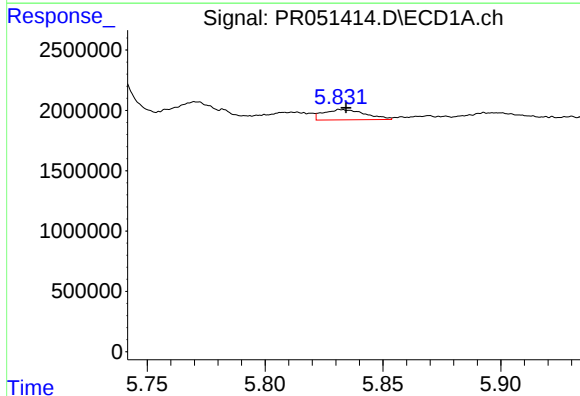
R.T.: 5.813 min
Delta R.T.: 0.002 min
Response: 913002
Conc: 2.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



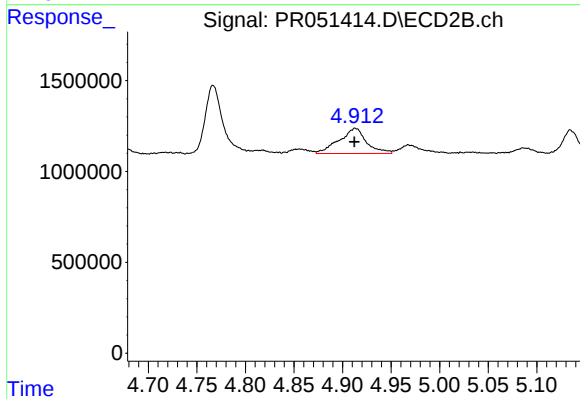
#3 AR-1016-1

R.T.: 4.913 min
Delta R.T.: 0.019 min
Response: 2726395
Conc: 9.27 ng/ml



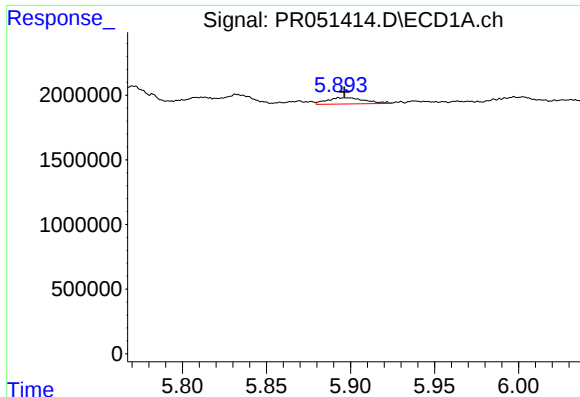
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: -0.002 min
Response: 1047852
Conc: 2.02 ng/ml



#4 AR-1016-2

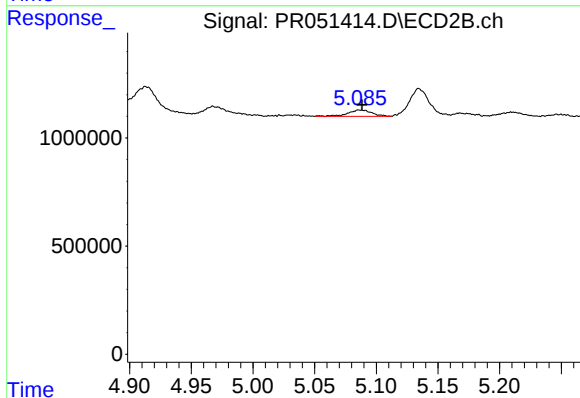
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 2726395
Conc: 6.46 ng/ml



#5 AR-1016-3

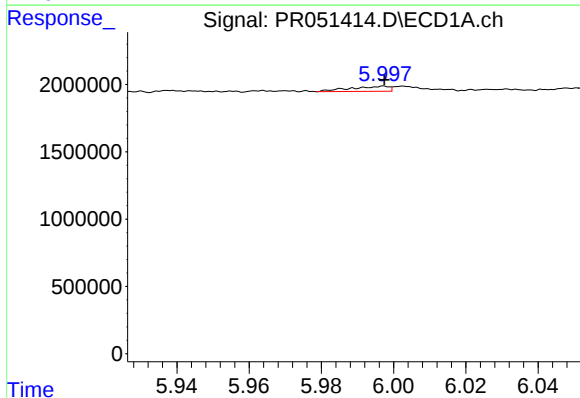
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 750169
Conc: 2.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



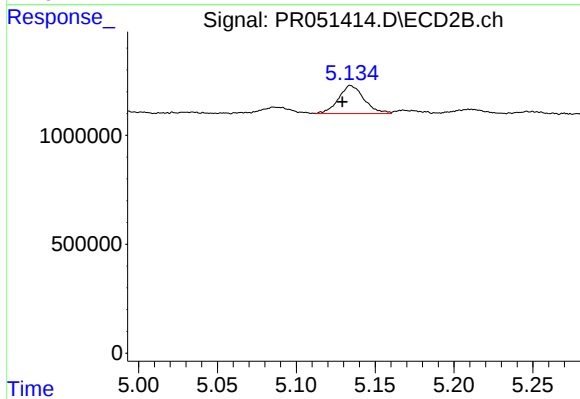
#5 AR-1016-3

R.T.: 5.086 min
Delta R.T.: -0.003 min
Response: 401981
Conc: 1.81 ng/ml



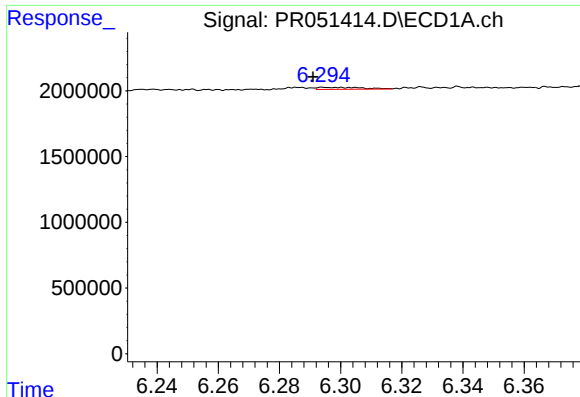
#6 AR-1016-4

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 275807
Conc: 1.07 ng/ml



#6 AR-1016-4

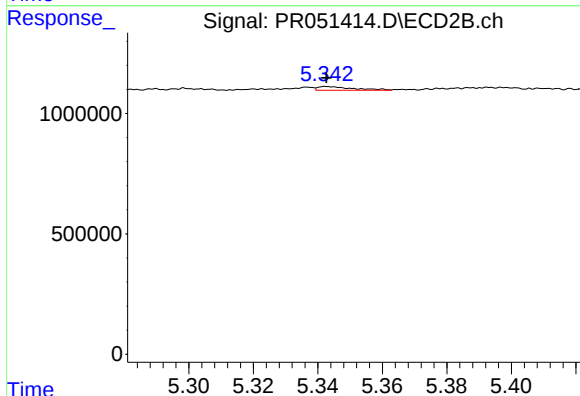
R.T.: 5.134 min
Delta R.T.: 0.005 min
Response: 1453218
Conc: 8.58 ng/ml



#7 AR-1016-5

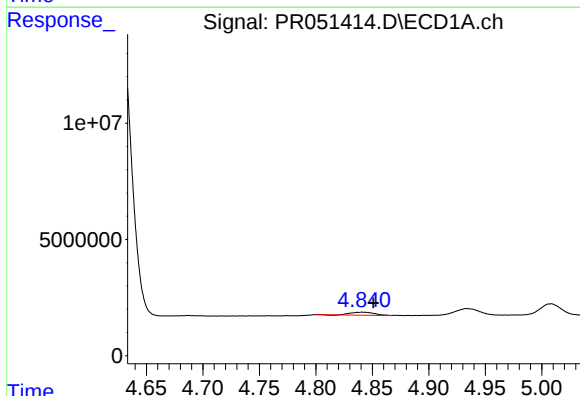
R.T.: 6.295 min
Delta R.T.: 0.004 min
Response: 149996
Conc: 0.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



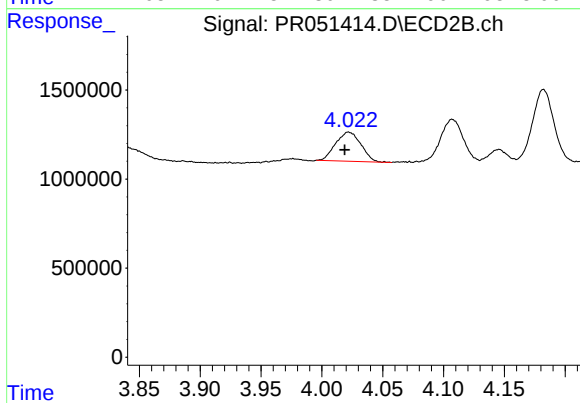
#7 AR-1016-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 118977
Conc: 0.54 ng/ml



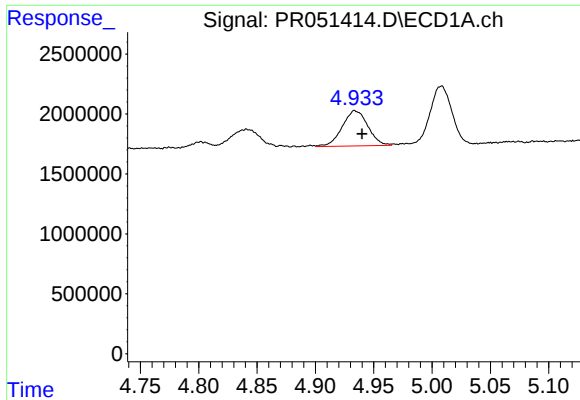
#8 AR-1221-1

R.T.: 4.841 min
Delta R.T.: -0.010 min
Response: 1860713
Conc: 21.13 ng/ml



#8 AR-1221-1

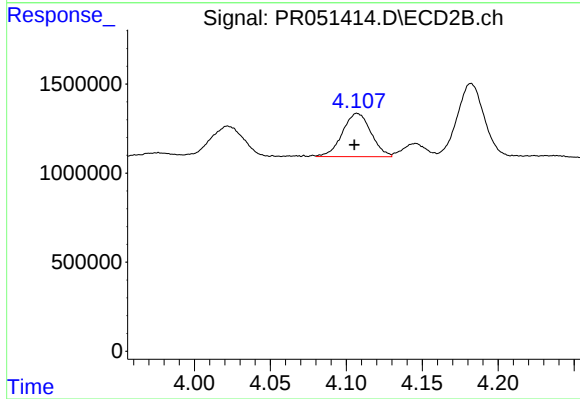
R.T.: 4.022 min
Delta R.T.: 0.003 min
Response: 2374156
Conc: 32.34 ng/ml



#9 AR-1221-2

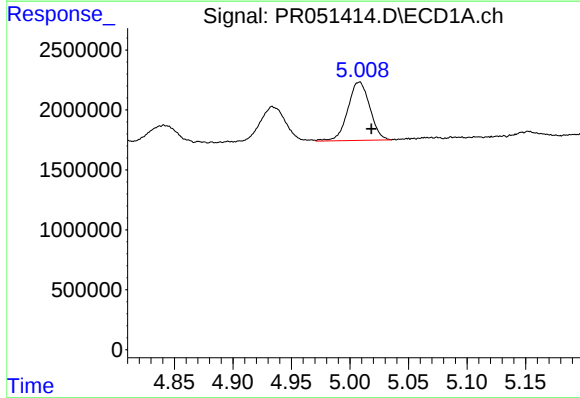
R.T.: 4.934 min
Delta R.T.: -0.006 min
Response: 4488281
Conc: 66.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



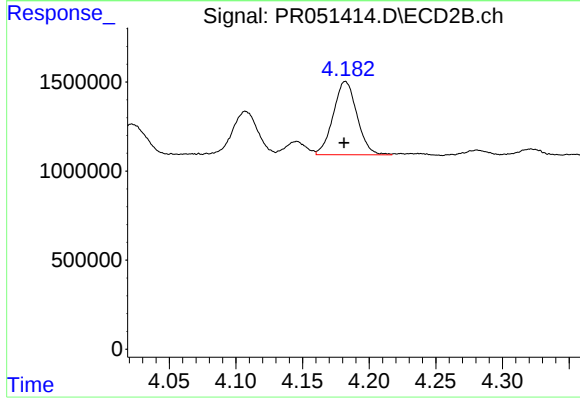
#9 AR-1221-2

R.T.: 4.107 min
Delta R.T.: 0.002 min
Response: 3182148
Conc: 53.95 ng/ml



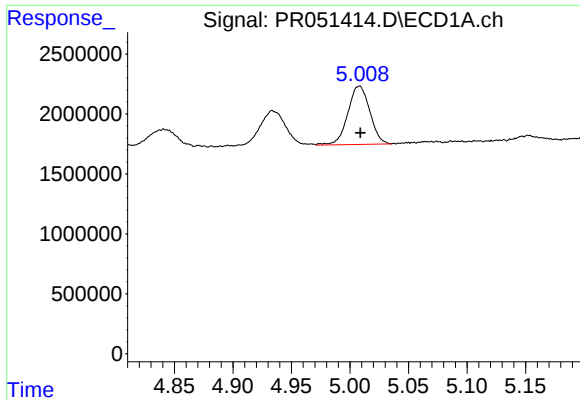
#10 AR-1221-3

R.T.: 5.008 min
Delta R.T.: -0.010 min
Response: 6372282
Conc: 29.64 ng/ml



#10 AR-1221-3

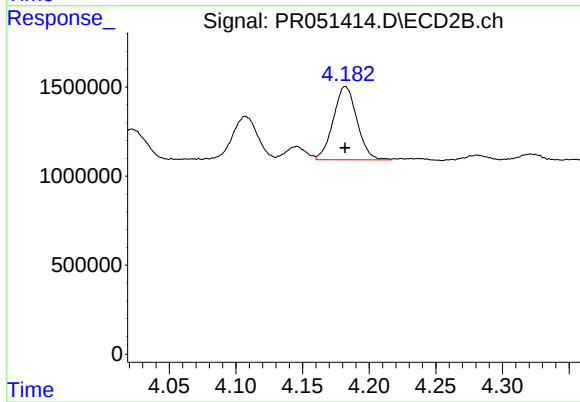
R.T.: 4.182 min
Delta R.T.: 0.001 min
Response: 5097047
Conc: 26.79 ng/ml



#11 AR-1232-1

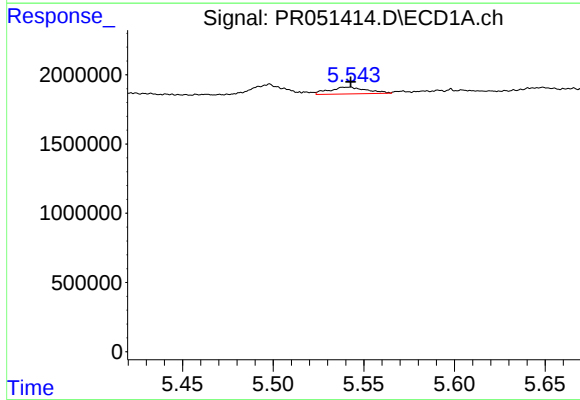
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 6372282
Conc: 35.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



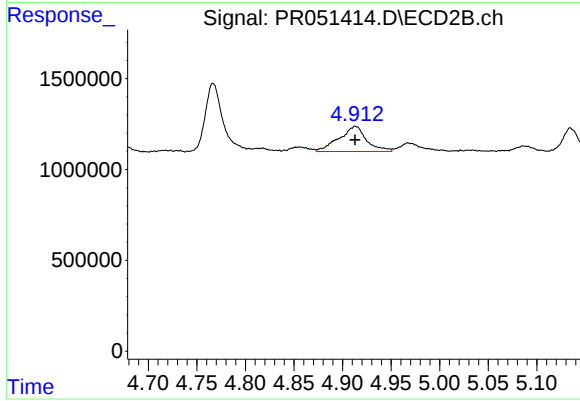
#11 AR-1232-1

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 5097047
Conc: 31.57 ng/ml



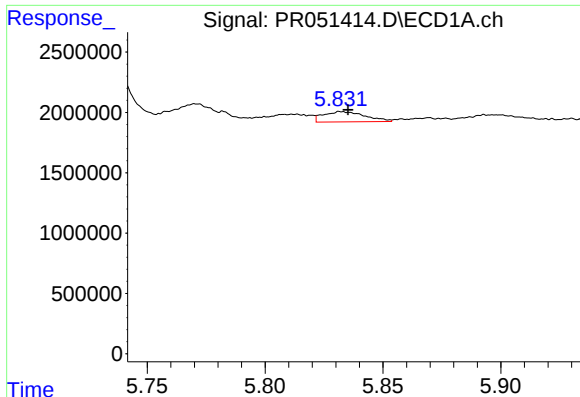
#12 AR-1232-2

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 702267
Conc: 7.22 ng/ml



#12 AR-1232-2

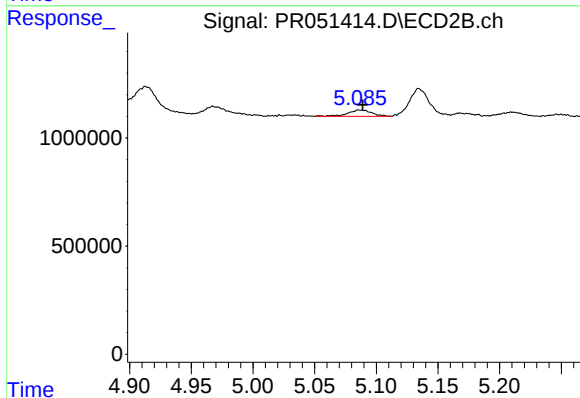
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 2726395
Conc: 16.26 ng/ml



#13 AR-1232-3

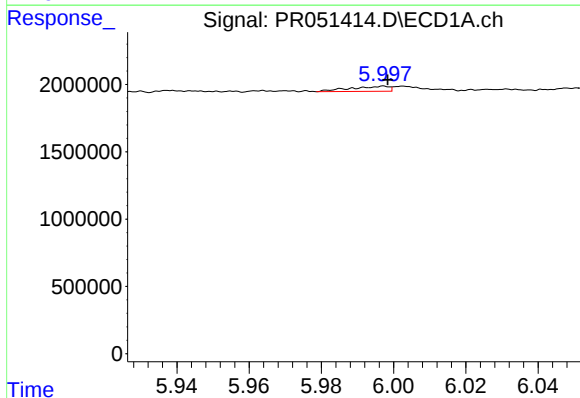
R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 1047852
Conc: 5.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



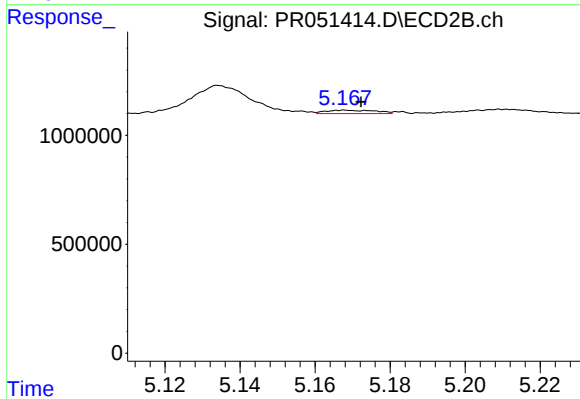
#13 AR-1232-3

R.T.: 5.086 min
Delta R.T.: -0.004 min
Response: 401981
Conc: 4.61 ng/ml



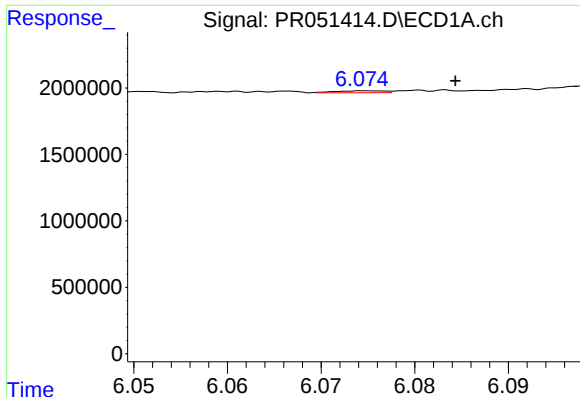
#14 AR-1232-4

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 275807
Conc: 2.67 ng/ml



#14 AR-1232-4

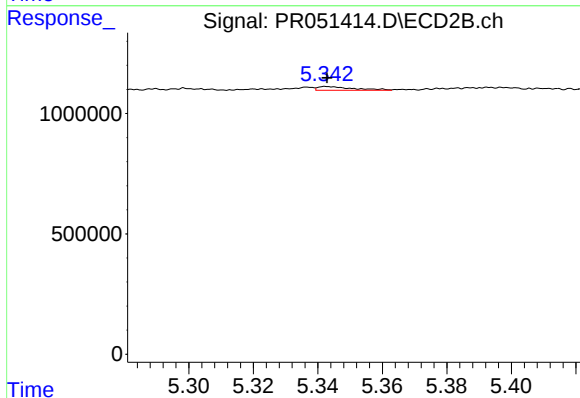
R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 143964
Conc: 1.96 ng/ml



#15 AR-1232-5

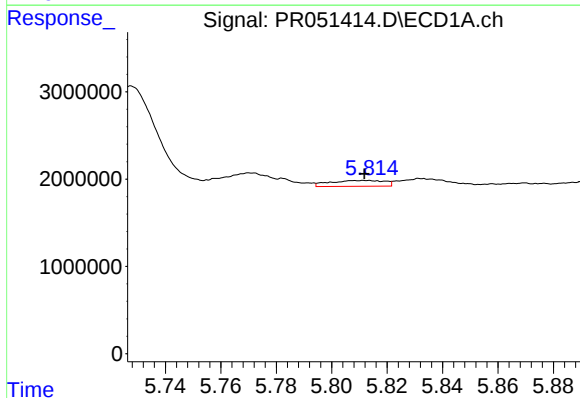
R.T.: 6.075 min
Delta R.T.: -0.009 min
Response: 54399
Conc: 0.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



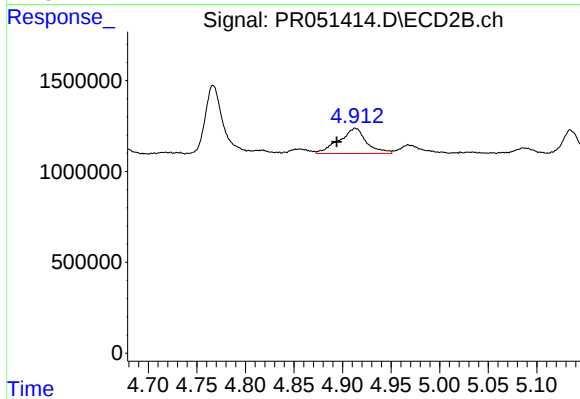
#15 AR-1232-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 118977
Conc: 1.46 ng/ml



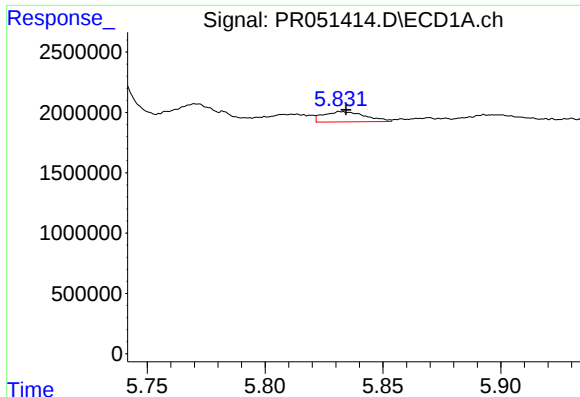
#16 AR-1242-1

R.T.: 5.813 min
Delta R.T.: 0.002 min
Response: 913002
Conc: 3.57 ng/ml



#16 AR-1242-1

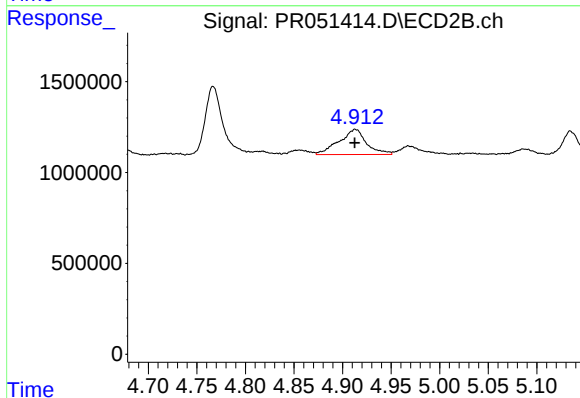
R.T.: 4.913 min
Delta R.T.: 0.019 min
Response: 2726395
Conc: 13.16 ng/ml



#17 AR-1242-2

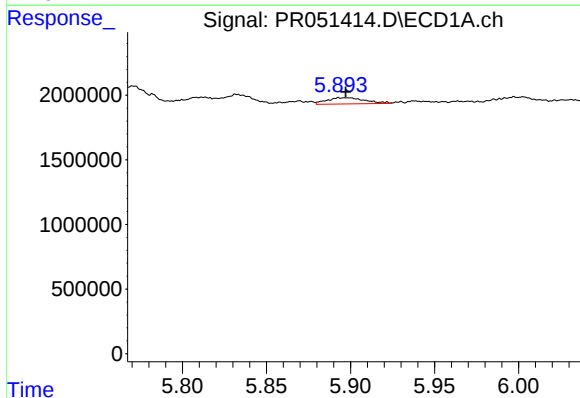
R.T.: 5.832 min
Delta R.T.: -0.002 min
Response: 1047852
Conc: 2.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



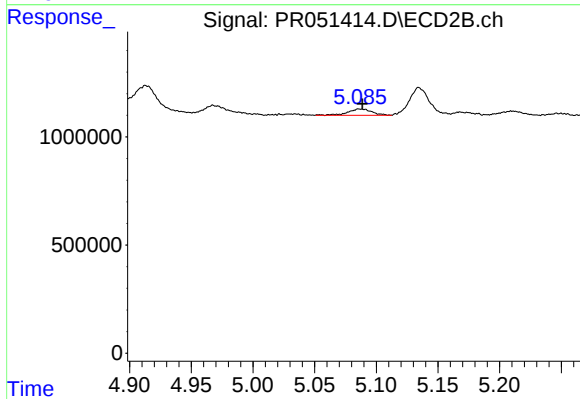
#17 AR-1242-2

R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 2726395
Conc: 8.99 ng/ml



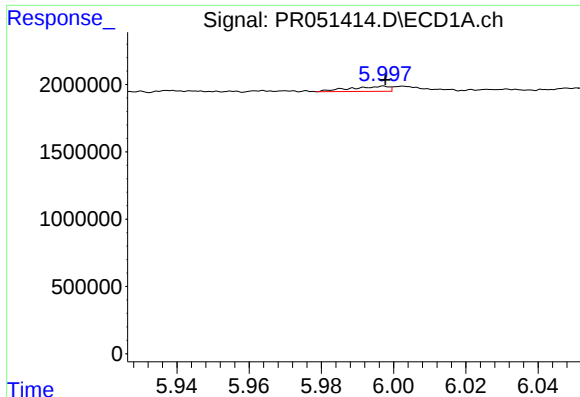
#18 AR-1242-3

R.T.: 5.893 min
Delta R.T.: -0.004 min
Response: 750169
Conc: 3.41 ng/ml



#18 AR-1242-3

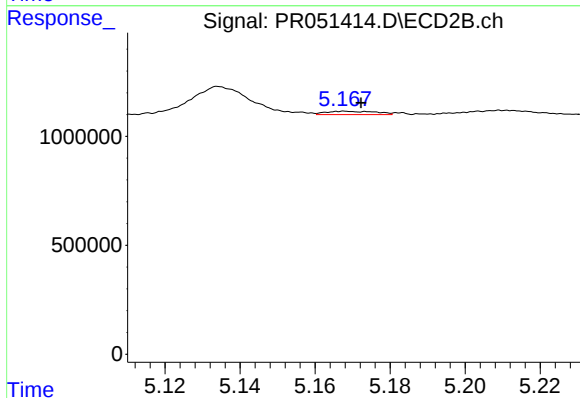
R.T.: 5.086 min
Delta R.T.: -0.003 min
Response: 401981
Conc: 2.52 ng/ml



#19 AR-1242-4

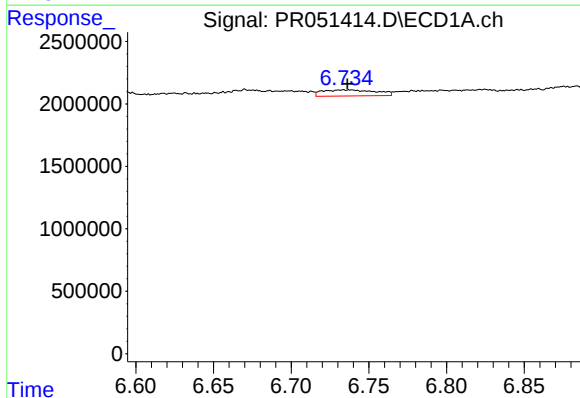
R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 275807
Conc: 1.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



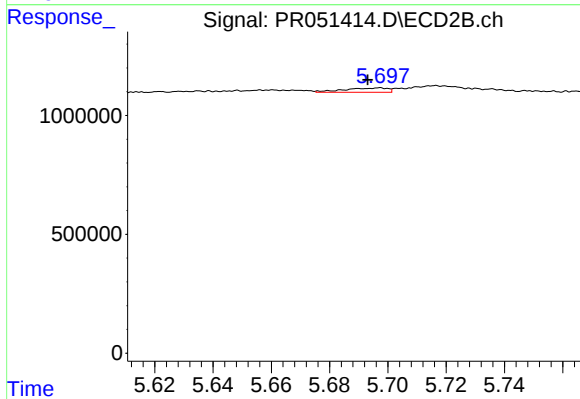
#19 AR-1242-4

R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 143964
Conc: 0.97 ng/ml



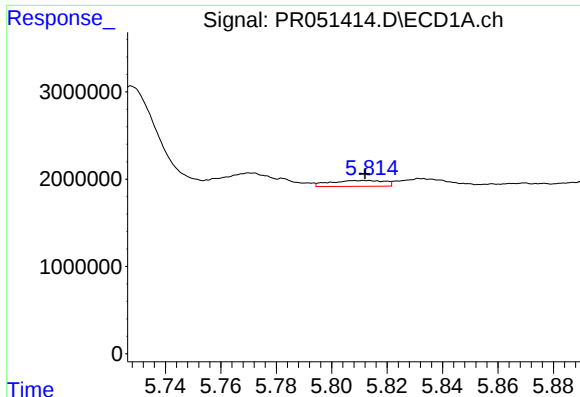
#20 AR-1242-5

R.T.: 6.734 min
Delta R.T.: -0.002 min
Response: 1172403
Conc: 5.36 ng/ml



#20 AR-1242-5

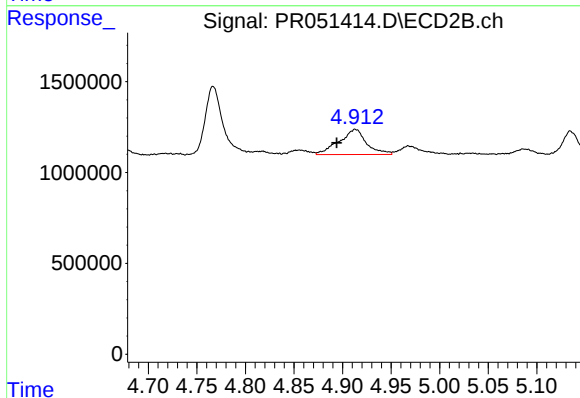
R.T.: 5.697 min
Delta R.T.: 0.004 min
Response: 184678
Conc: 0.92 ng/ml



#21 AR-1248-1

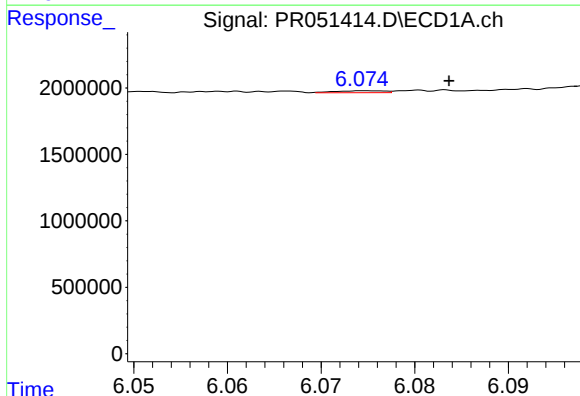
R.T.: 5.813 min
Delta R.T.: 0.001 min
Response: 913002
Conc: 4.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



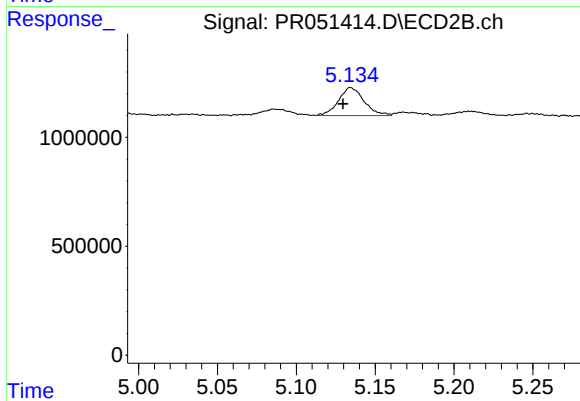
#21 AR-1248-1

R.T.: 4.913 min
Delta R.T.: 0.019 min
Response: 2726395
Conc: 15.98 ng/ml



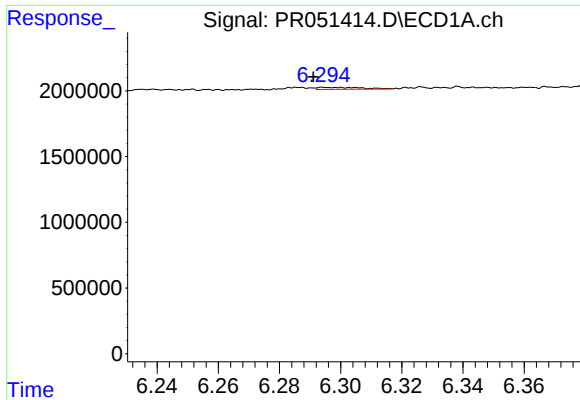
#22 AR-1248-2

R.T.: 6.075 min
Delta R.T.: -0.009 min
Response: 54399
Conc: 0.19 ng/ml



#22 AR-1248-2

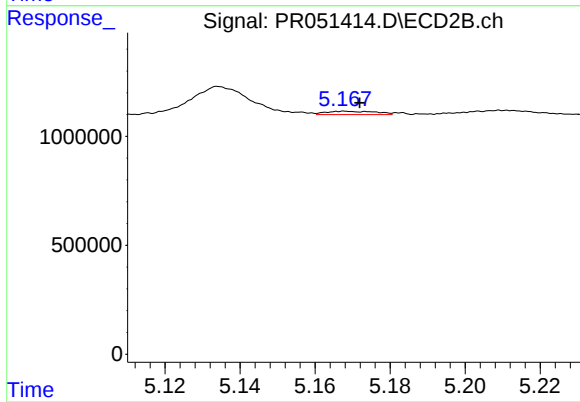
R.T.: 5.134 min
Delta R.T.: 0.005 min
Response: 1453218
Conc: 6.34 ng/ml



#23 AR-1248-3

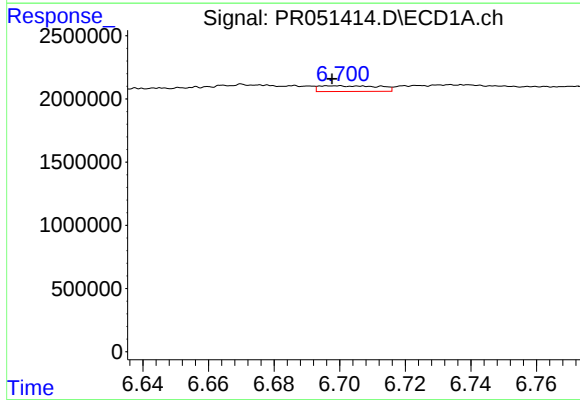
R.T.: 6.295 min
Delta R.T.: 0.004 min
Response: 149996
Conc: 0.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



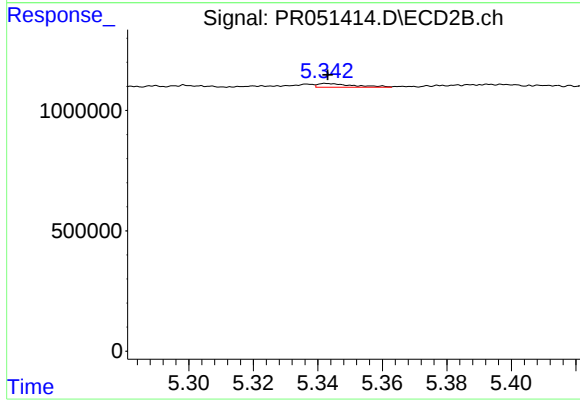
#23 AR-1248-3

R.T.: 5.168 min
Delta R.T.: -0.004 min
Response: 143964
Conc: 0.60 ng/ml



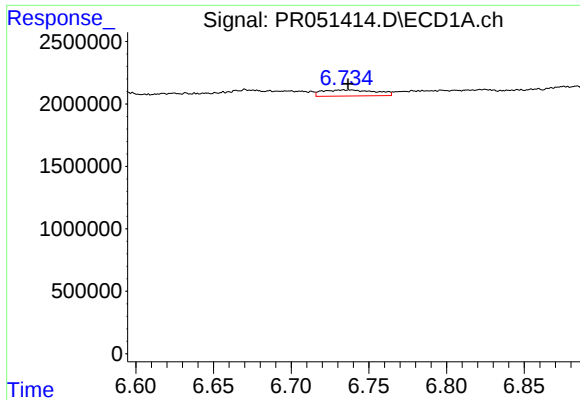
#24 AR-1248-4

R.T.: 6.699 min
Delta R.T.: 0.001 min
Response: 569216
Conc: 1.37 ng/ml



#24 AR-1248-4

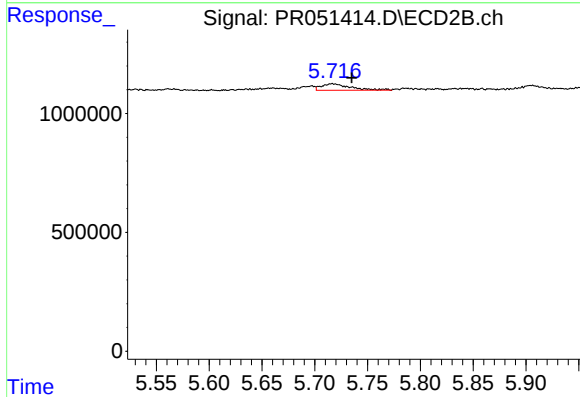
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 118977
Conc: 0.41 ng/ml



#25 AR-1248-5

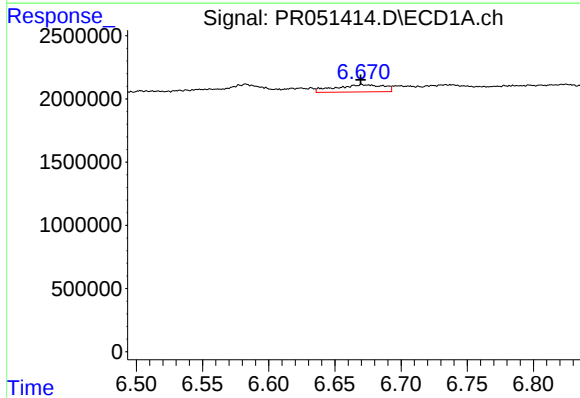
R.T.: 6.734 min
Delta R.T.: -0.003 min
Response: 1172403
Conc: 2.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



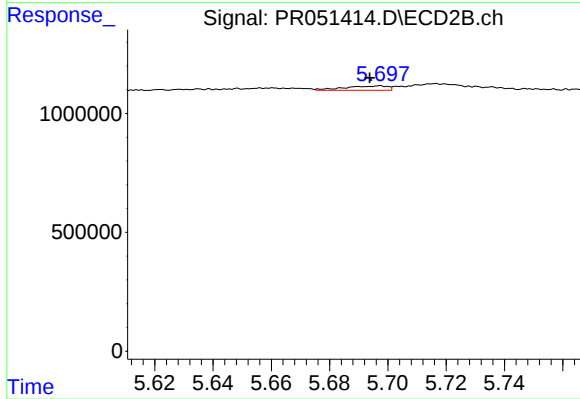
#25 AR-1248-5

R.T.: 5.716 min
Delta R.T.: -0.018 min
Response: 522365
Conc: 1.70 ng/ml



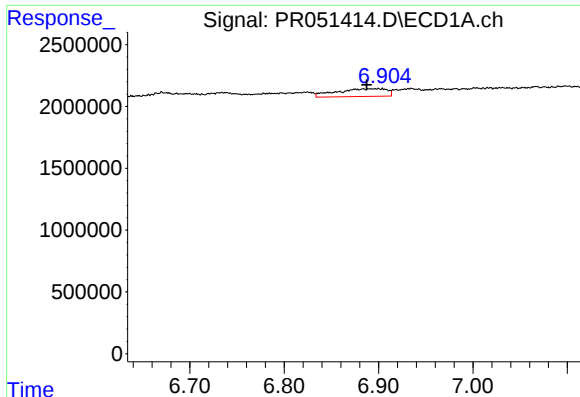
#26 AR-1254-1

R.T.: 6.670 min
Delta R.T.: 0.001 min
Response: 1465478
Conc: 4.13 ng/ml



#26 AR-1254-1

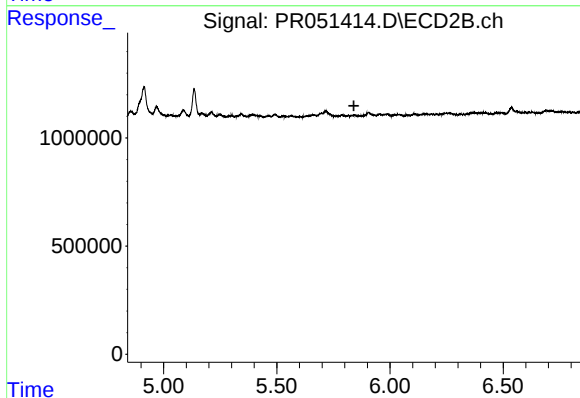
R.T.: 5.697 min
Delta R.T.: 0.004 min
Response: 184678
Conc: 0.45 ng/ml



#27 AR-1254-2

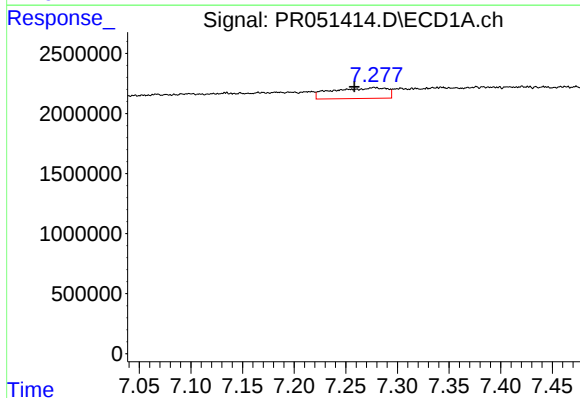
R.T.: 6.904 min
Delta R.T.: 0.017 min
Response: 2332644
Conc: 4.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



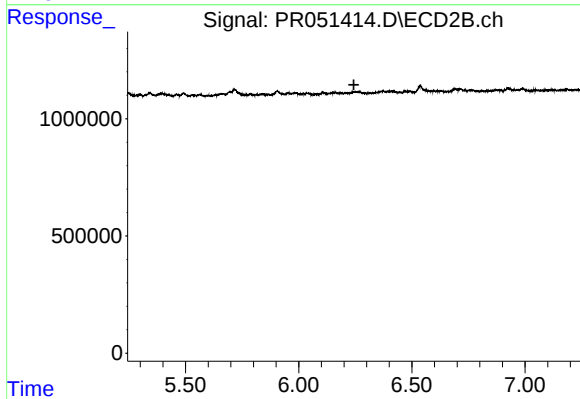
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.840 min
Response: 0
Conc: N.D.



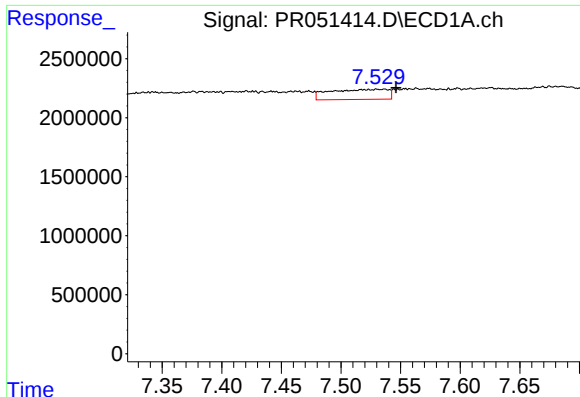
#28 AR-1254-3

R.T.: 7.278 min
Delta R.T.: 0.019 min
Response: 3289977
Conc: 5.50 ng/ml



#28 AR-1254-3

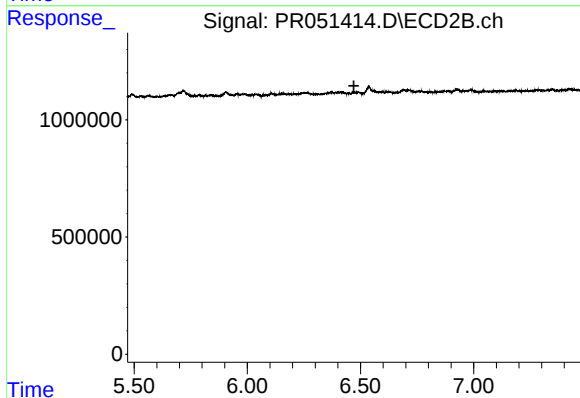
R.T.: 0.000 min
Exp R.T. : 6.244 min
Response: 0
Conc: N.D.



#29 AR-1254-4

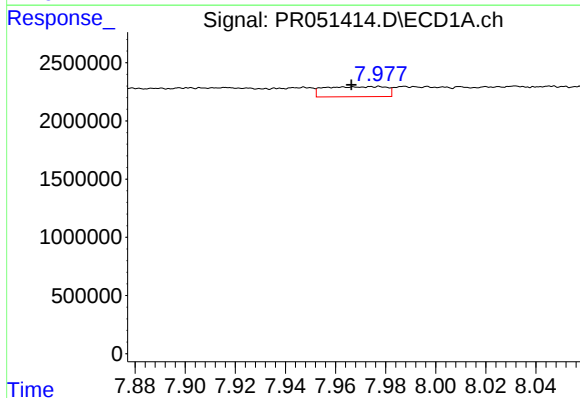
R.T.: 7.536 min
Delta R.T.: -0.010 min
Response: 2918634
Conc: 5.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



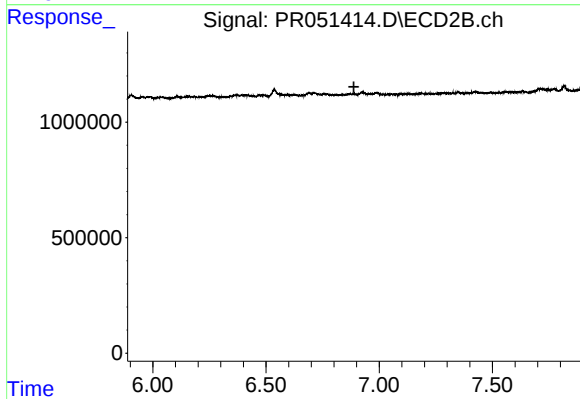
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.471 min
Response: 0
Conc: N.D.



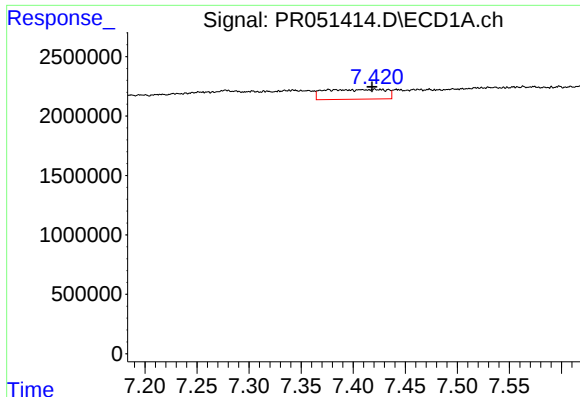
#30 AR-1254-5

R.T.: 7.977 min
Delta R.T.: 0.011 min
Response: 1475004
Conc: 3.11 ng/ml



#30 AR-1254-5

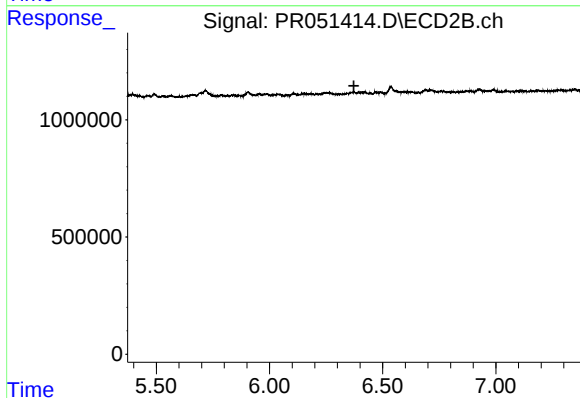
R.T.: 0.000 min
Exp R.T. : 6.888 min
Response: 0
Conc: N.D.



#31 AR-1260-1

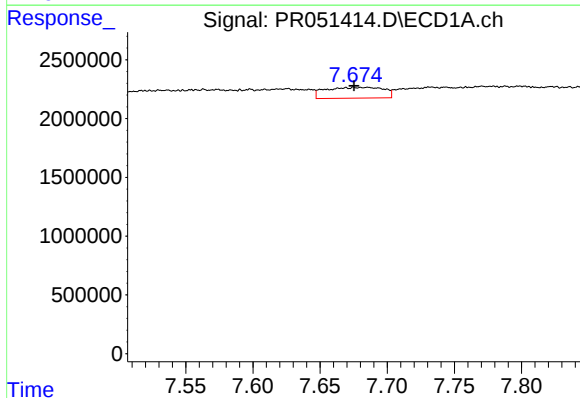
R.T.: 7.421 min
Delta R.T.: 0.003 min
Response: 3376585
Conc: 7.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



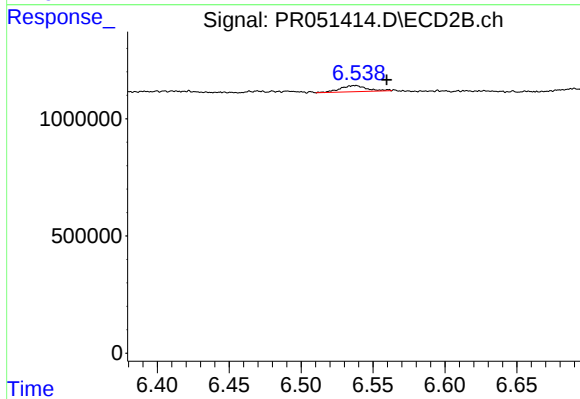
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.373 min
Response: 0
Conc: N.D.



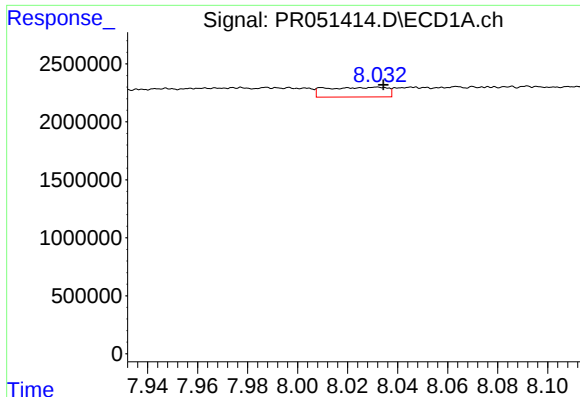
#32 AR-1260-2

R.T.: 7.686 min
Delta R.T.: 0.010 min
Response: 2769618
Conc: 4.39 ng/ml



#32 AR-1260-2

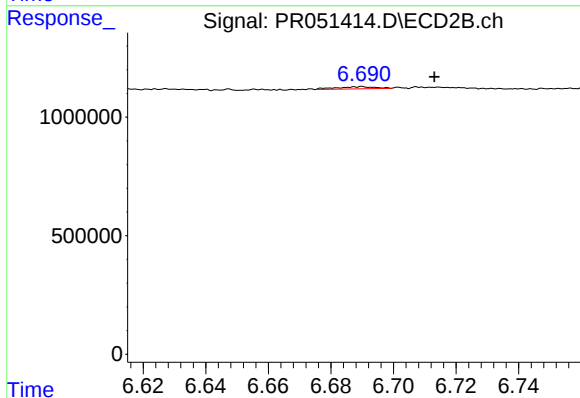
R.T.: 6.538 min
Delta R.T.: -0.021 min
Response: 342674
Conc: 0.68 ng/ml



#33 AR-1260-3

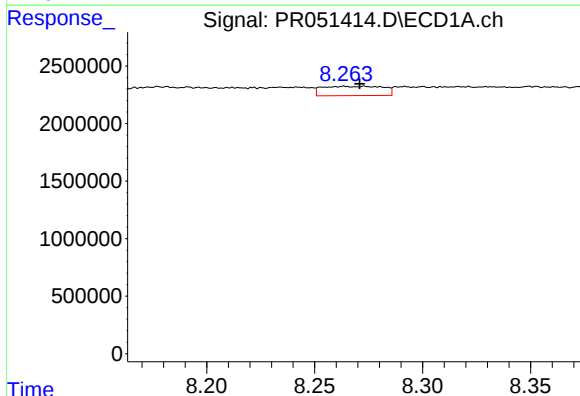
R.T.: 8.032 min
Delta R.T.: -0.003 min
Response: 1404504
Conc: 2.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



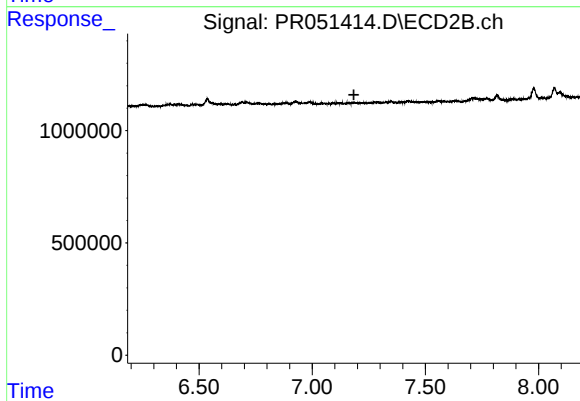
#33 AR-1260-3

R.T.: 6.690 min
Delta R.T.: -0.023 min
Response: 77190
Conc: 0.16 ng/ml



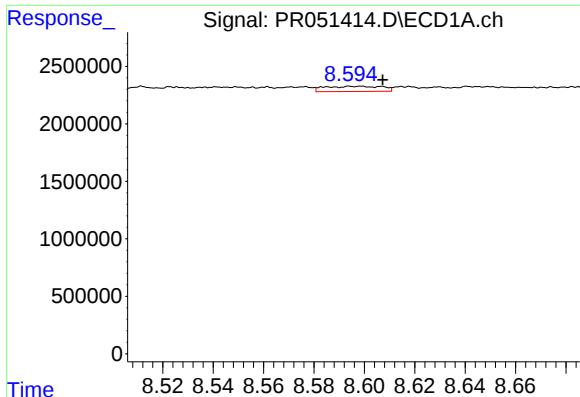
#34 AR-1260-4

R.T.: 8.264 min
Delta R.T.: -0.007 min
Response: 1577910
Conc: 3.08 ng/ml



#34 AR-1260-4

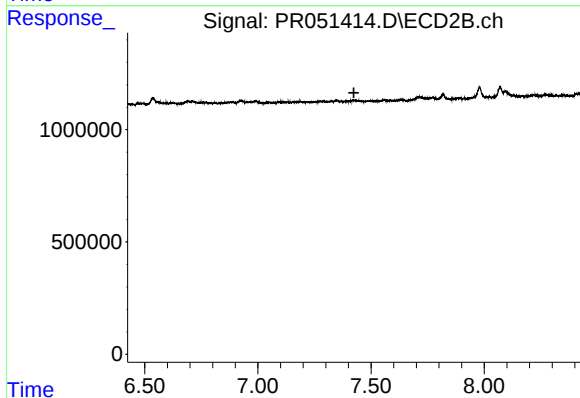
R.T.: 0.000 min
Exp R.T.: 7.184 min
Response: 0
Conc: N.D.



#35 AR-1260-5

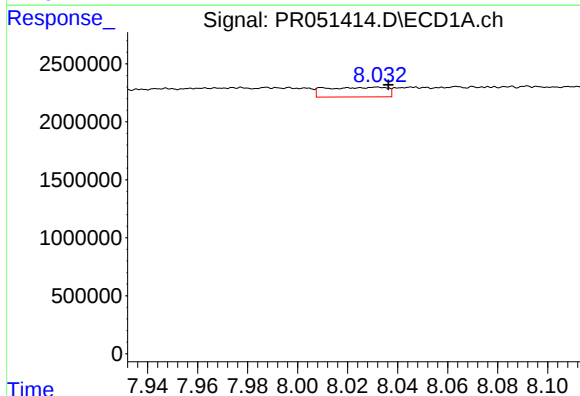
R.T.: 8.599 min
Delta R.T.: -0.009 min
Response: 717367
Conc: 0.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



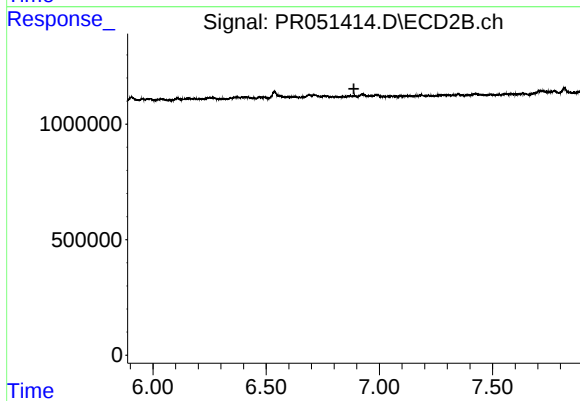
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.424 min
Response: 0
Conc: N.D.



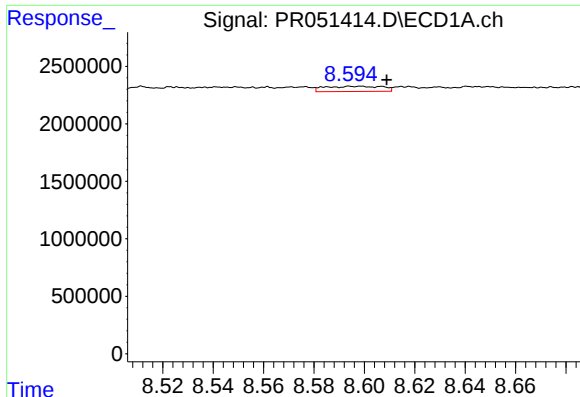
#36 AR-1262-1

R.T.: 8.032 min
Delta R.T.: -0.005 min
Response: 1404504
Conc: 2.14 ng/ml



#36 AR-1262-1

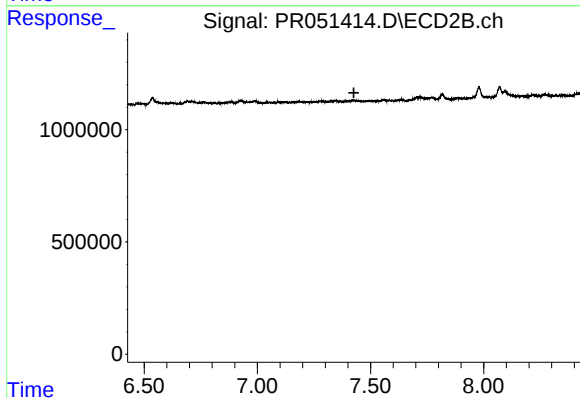
R.T.: 0.000 min
Exp R.T. : 6.888 min
Response: 0
Conc: N.D.



#37 AR-1262-2

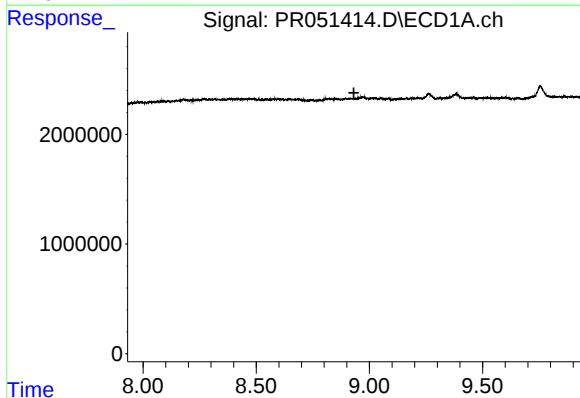
R.T.: 8.599 min
Delta R.T.: -0.010 min
Response: 717367
Conc: 0.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



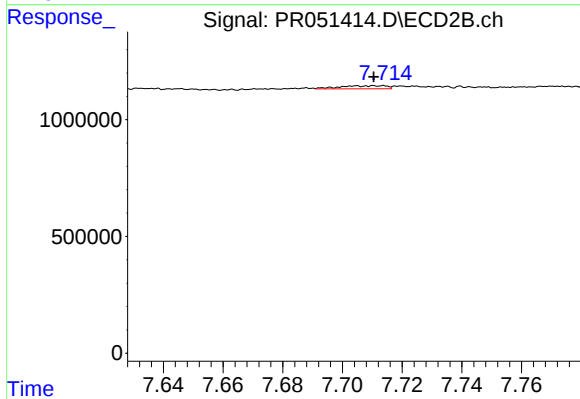
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.426 min
Response: 0
Conc: N.D.



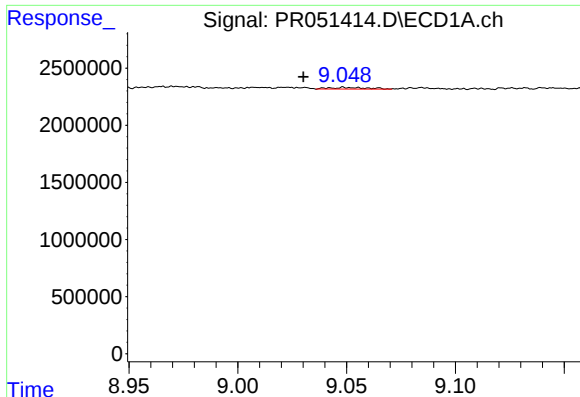
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.931 min
Response: 0
Conc: N.D.



#38 AR-1262-3

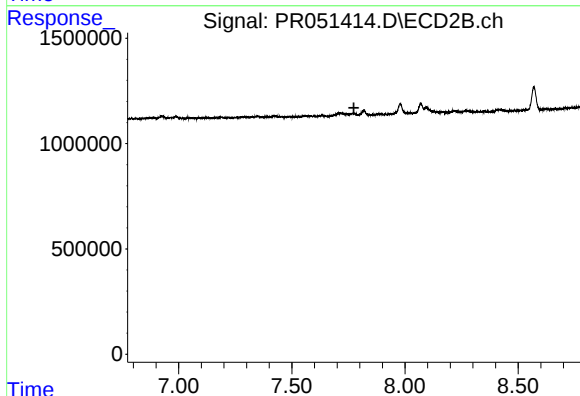
R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 147775
Conc: 0.40 ng/ml



#39 AR-1262-4

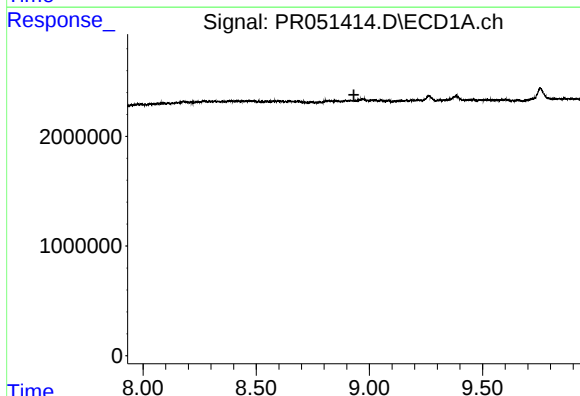
R.T.: 9.055 min
Delta R.T.: 0.025 min
Response: 171744
Conc: 0.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



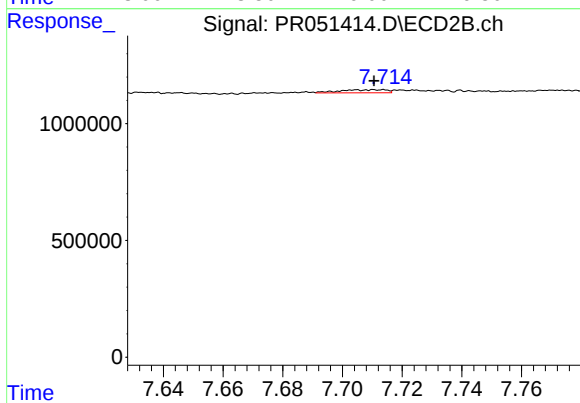
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.774 min
Response: 0
Conc: N.D.



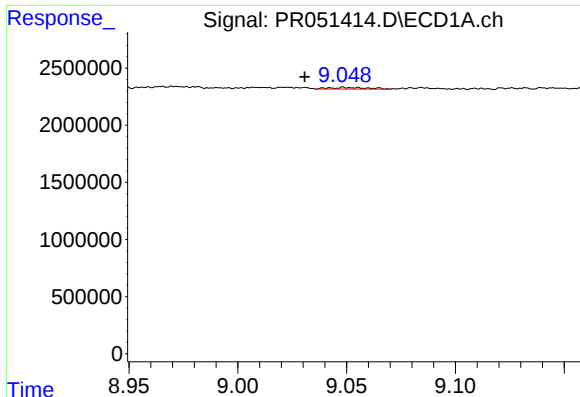
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.932 min
Response: 0
Conc: N.D.



#41 AR-1268-1

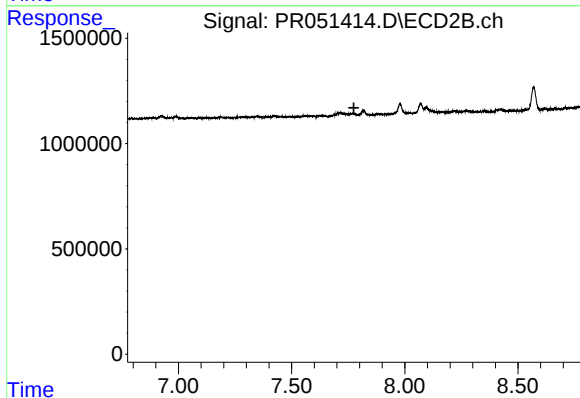
R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 147775
Conc: 0.14 ng/ml



#42 AR-1268-2

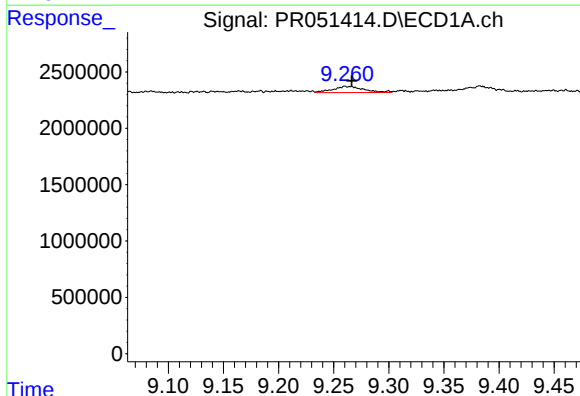
R.T.: 9.055 min
Delta R.T.: 0.024 min
Response: 171744
Conc: 0.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



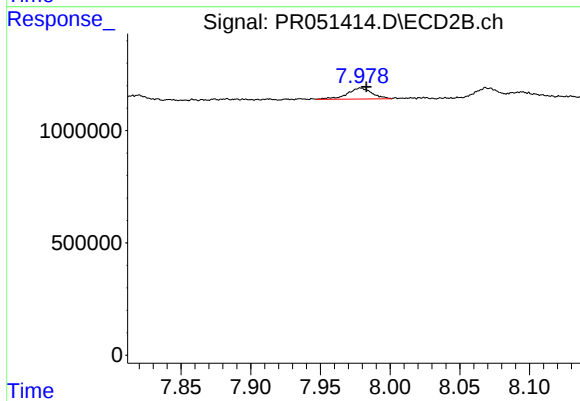
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.775 min
Response: 0
Conc: N.D.



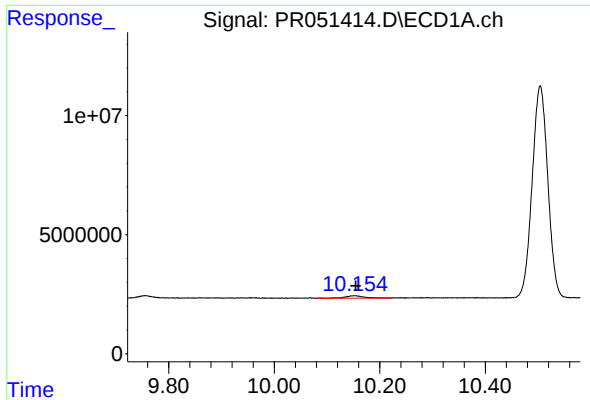
#43 AR-1268-3

R.T.: 9.263 min
Delta R.T.: -0.004 min
Response: 1082720
Conc: 0.97 ng/ml



#43 AR-1268-3

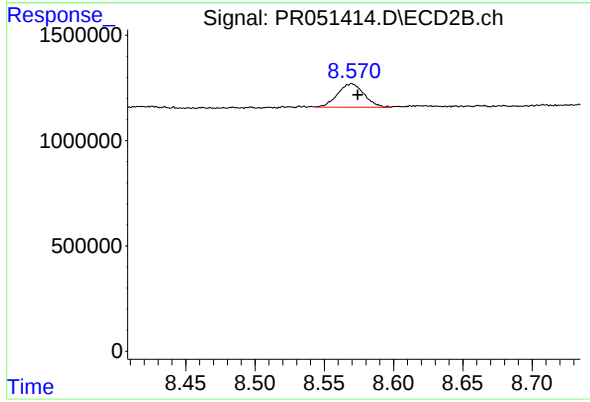
R.T.: 7.979 min
Delta R.T.: -0.004 min
Response: 610310
Conc: 0.74 ng/ml



#45 AR-1268-5

R.T.: 10.152 min
Delta R.T.: -0.002 min
Response: 2724246
Conc: 0.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.570 min
Delta R.T.: -0.004 min
Response: 1466557
Conc: 0.53 ng/ml