

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122920\
 Data File : PR049152.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Dec 2020 12:28
 Operator : DD\AJ
 Sample : L5222-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 03:57:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 29 01:37:35 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...	4.670	3.855	51696265	84469834	21.184	25.238
2)	SA Decachlor...	10.557	8.899	59054782	189.2E6	24.048	22.112
Target Compounds							
3)	L1 AR-1016-1	5.861f	4.948	2797067	5807326	28.868	76.312 #
4)	L1 AR-1016-2	5.861	4.948	2797067	5807326	20.367	38.212 #
5)	L1 AR-1016-3	5.948f	0.000	1971505	0	23.810	N.D. #
6)	L1 AR-1016-4	6.016	5.170	8583954	34382301	124.739	870.718 #
7)	L1 AR-1016-5	6.324	5.371f	541389	1326608	8.098	20.578 #
8)	L2 AR-1221-1	4.872	4.063	6298358	1363090	206.371	40.715 #
9)	L2 AR-1221-2	4.976	4.155	3696837	5788443	163.691	191.352
10)	L2 AR-1221-3	5.038	4.213	5912933	14232593	86.426	153.710 #
11)	L3 AR-1232-1	5.038	4.213	5912933	14232593	101.999	182.582 #
12)	L3 AR-1232-2	5.552f	4.948	789270	5807326	25.963	84.687 #
13)	L3 AR-1232-3	5.861	0.000	2797067	0	46.134	N.D. #
14)	L3 AR-1232-4	6.016	5.239f	8583954	3047819	280.519	147.001 #
15)	L3 AR-1232-5	6.111	5.371f	754339	1326608	31.616	53.862 #
16)	L4 AR-1242-1	5.861	4.948	2797067	5807326	39.025	100.209 #
17)	L4 AR-1242-2	5.861	4.948	2797067	5807326	27.102	50.356 #
18)	L4 AR-1242-3	5.948f	0.000	1971505	0	31.307	N.D. #
19)	L4 AR-1242-4	6.016f	5.239f	8583954	3047819	165.394	74.300 #
20)	L4 AR-1242-5	6.775	5.740	3463928	952491	59.259	14.422 #
21)	L5 AR-1248-1	5.861f	4.948	2797067	5807326	48.821	125.644 #
22)	L5 AR-1248-2	6.111	5.170	754339	34382301	9.571	666.634 #
23)	L5 AR-1248-3	6.324	5.239f	541389	3047819	6.329	49.449 #
24)	L5 AR-1248-4	6.734	5.371f	495285	1326608	4.805	16.576 #
25)	L5 AR-1248-5	6.775	5.776	3463928	560122	35.379	4.891 #
26)	L6 AR-1254-1	6.701	5.740	885870	952491	8.272	7.197
27)	L6 AR-1254-2	6.921	5.883	1023223	645758	6.264	4.896
28)	L6 AR-1254-3	7.290	6.290	1040869	1772584	6.262	6.761
29)	L6 AR-1254-4	7.576	6.518	1174469	2438966	9.035	6.854
30)	L6 AR-1254-5	7.996	6.935	1530789	4641564	11.658	10.769
31)	L7 AR-1260-1	0.000	6.418	0	1119004	N.D.	8.171 #
32)	L7 AR-1260-2	7.707	6.608	1285172	2483621	8.809	5.509 #
33)	L7 AR-1260-3	0.000	6.763	0	2952376	N.D.	10.103 #
34)	L7 AR-1260-4	8.296	7.237	617636	1434255	5.157	4.440
35)	L7 AR-1260-5	8.642	7.475	642168	1478322	2.629	1.107 #
36)	L8 AR-1262-1	0.000	6.935	0	4641564	N.D.	20.237 #
37)	L8 AR-1262-2	8.642	7.475	642168	1478322	2.377	1.006 #
38)	L8 AR-1262-3	0.000	7.760	0	2249501	N.D.	3.947 #
39)	L8 AR-1262-4	0.000	7.824	0	1794679	N.D.	1.913 #
40)	L8 AR-1262-5	0.000	8.332	0	1046512	N.D.	2.455 #
41)	L9 AR-1268-1	0.000	7.760	0	2249501	N.D.	1.337 #

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 Operator : DD\AJ
 Sample : L5222-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

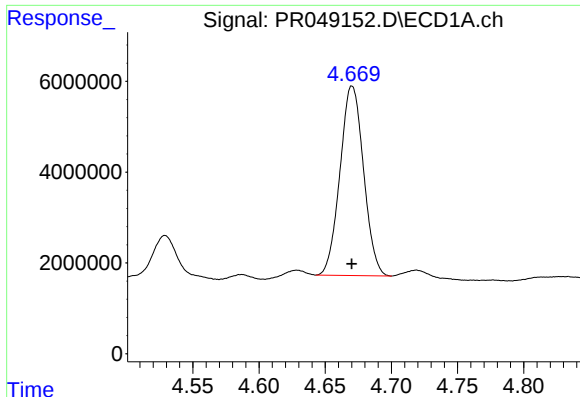
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 30 03:57:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122820.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
42) L9	AR-1268-2	0.000	7.824	0	1794679	N.D.	1.278 #
43) L9	AR-1268-3	0.000	8.035	0	2375121	N.D.	1.907 #
44) L9	AR-1268-4	0.000	8.332	0	1046512	N.D.	2.201 #
45) L9	AR-1268-5	10.202	8.635	667892	3377550	0.777	0.935

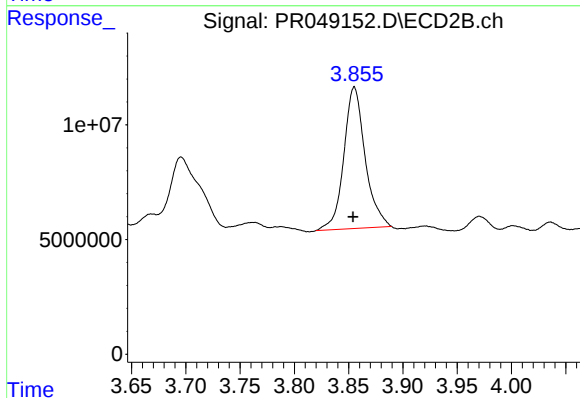
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

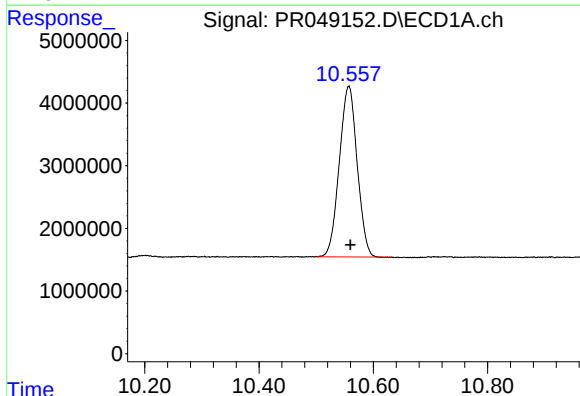
R.T.: 4.670 min
Delta R.T.: 0.000 min
Response: 51696265
Conc: 21.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



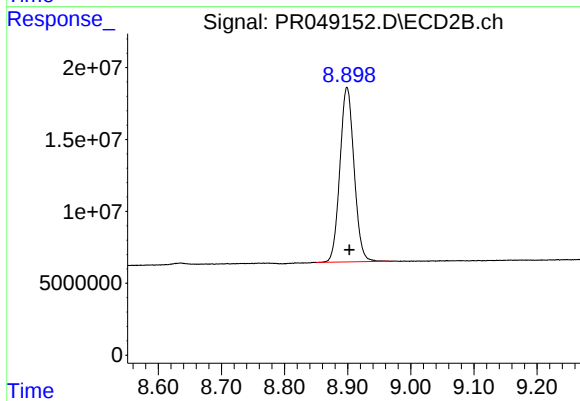
#1 Tetrachloro-m-xylene

R.T.: 3.855 min
Delta R.T.: 0.001 min
Response: 84469834
Conc: 25.24 ng/ml



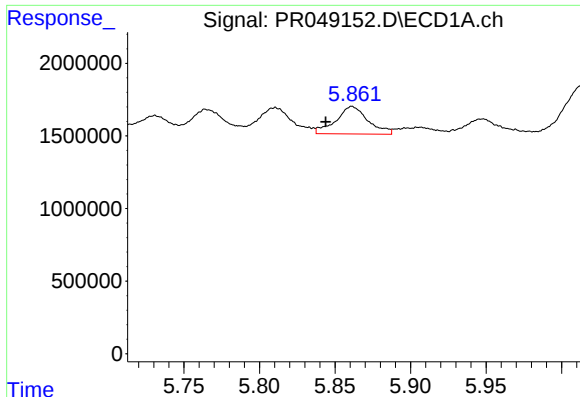
#2 Decachlorobiphenyl

R.T.: 10.557 min
Delta R.T.: -0.003 min
Response: 59054782
Conc: 24.05 ng/ml



#2 Decachlorobiphenyl

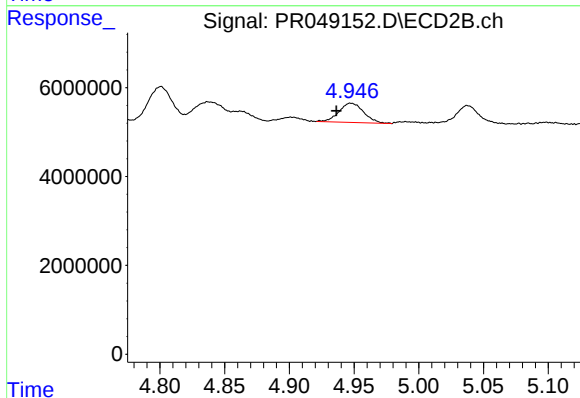
R.T.: 8.899 min
Delta R.T.: -0.004 min
Response: 189168805
Conc: 22.11 ng/ml



#3 AR-1016-1

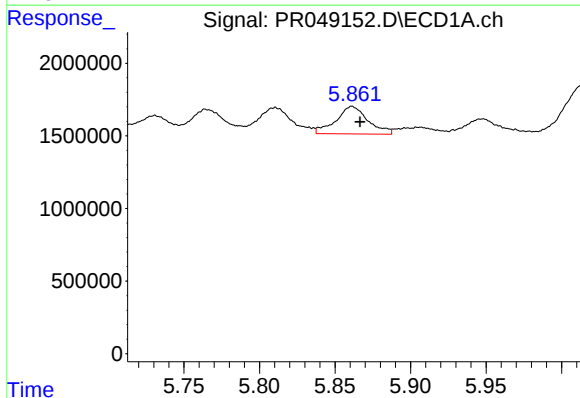
R.T.: 5.861 min
Delta R.T.: 0.017 min
Response: 2797067
Conc: 28.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



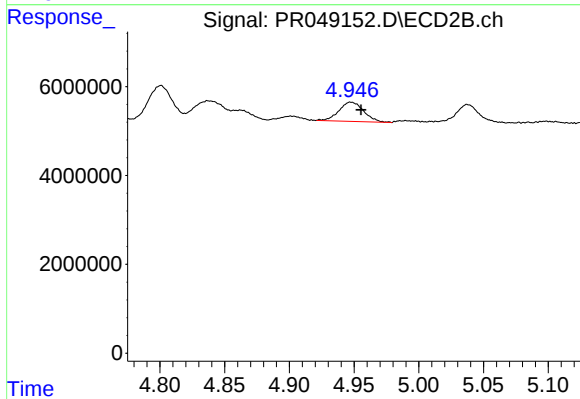
#3 AR-1016-1

R.T.: 4.948 min
Delta R.T.: 0.011 min
Response: 5807326
Conc: 76.31 ng/ml



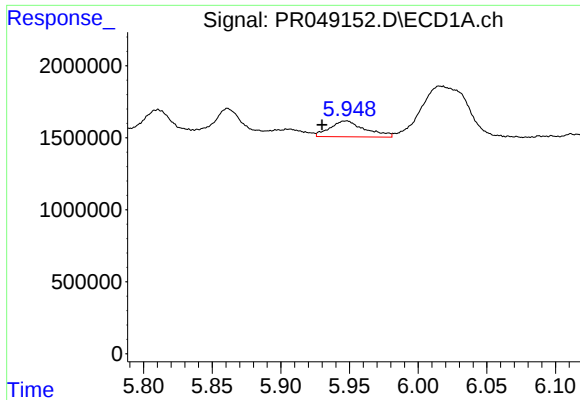
#4 AR-1016-2

R.T.: 5.861 min
Delta R.T.: -0.005 min
Response: 2797067
Conc: 20.37 ng/ml



#4 AR-1016-2

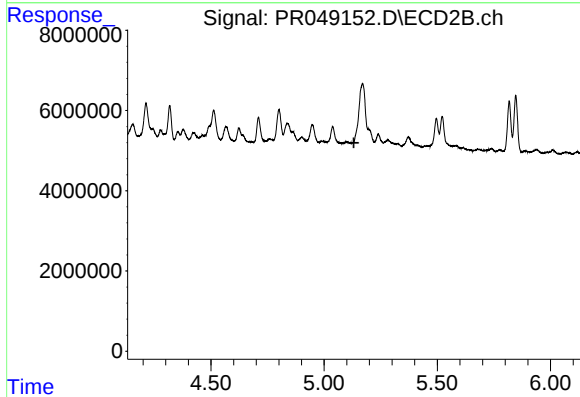
R.T.: 4.948 min
Delta R.T.: -0.008 min
Response: 5807326
Conc: 38.21 ng/ml



#5 AR-1016-3

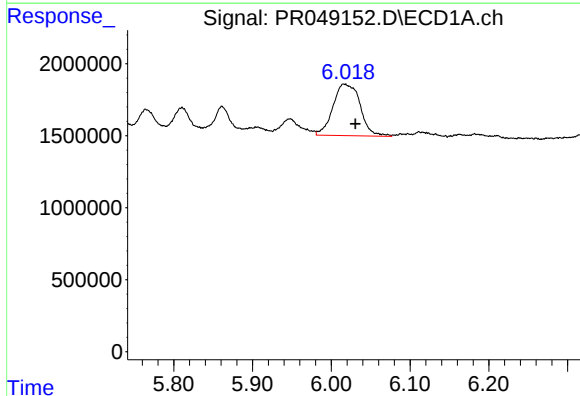
R.T.: 5.948 min
Delta R.T.: 0.018 min
Response: 1971505
Conc: 23.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



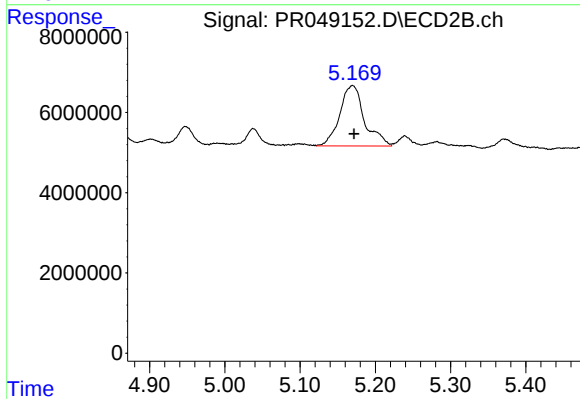
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.131 min
Response: 0
Conc: N.D.



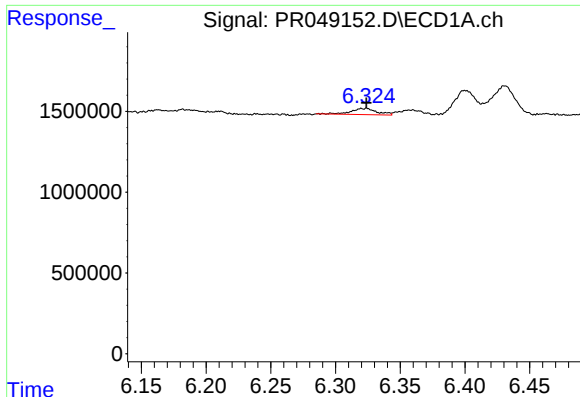
#6 AR-1016-4

R.T.: 6.016 min
Delta R.T.: -0.014 min
Response: 8583954
Conc: 124.74 ng/ml



#6 AR-1016-4

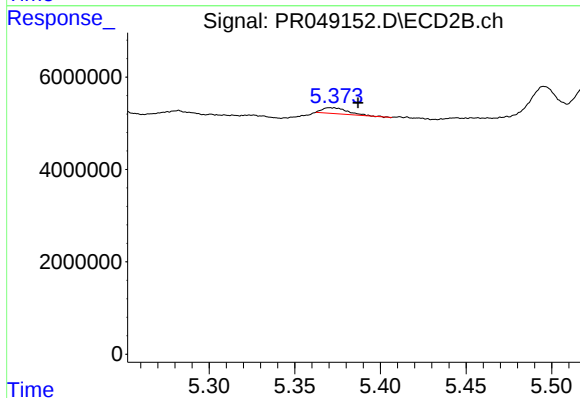
R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 34382301
Conc: 870.72 ng/ml



#7 AR-1016-5

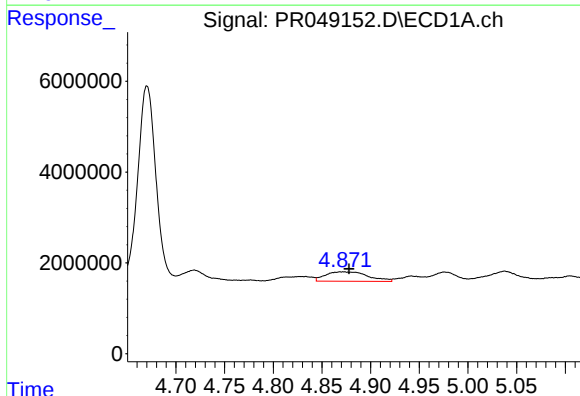
R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 541389
Conc: 8.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



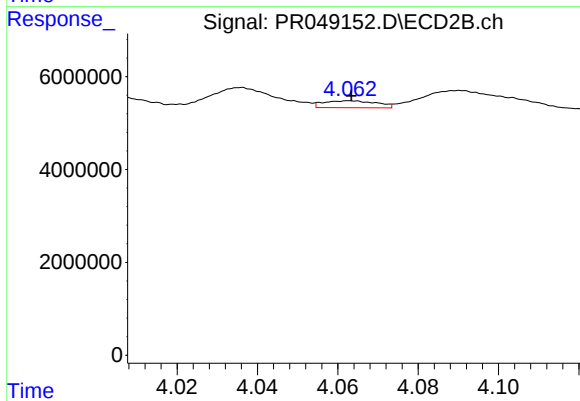
#7 AR-1016-5

R.T.: 5.371 min
Delta R.T.: -0.016 min
Response: 1326608
Conc: 20.58 ng/ml



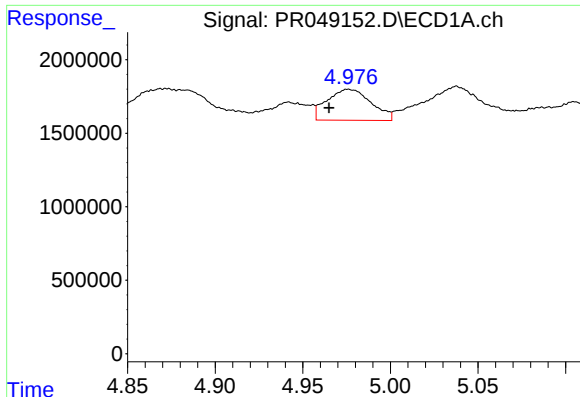
#8 AR-1221-1

R.T.: 4.872 min
Delta R.T.: -0.006 min
Response: 6298358
Conc: 206.37 ng/ml



#8 AR-1221-1

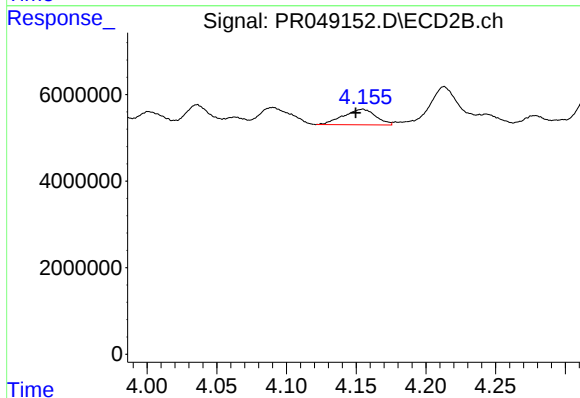
R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 1363090
Conc: 40.71 ng/ml



#9 AR-1221-2

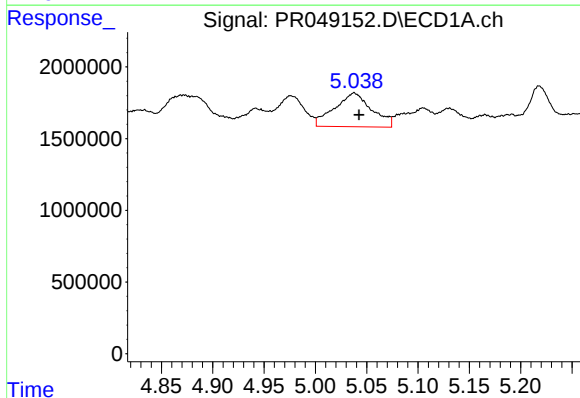
R.T.: 4.976 min
Delta R.T.: 0.011 min
Response: 3696837
Conc: 163.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



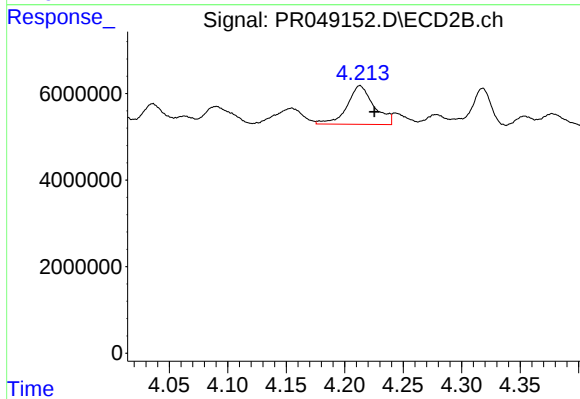
#9 AR-1221-2

R.T.: 4.155 min
Delta R.T.: 0.005 min
Response: 5788443
Conc: 191.35 ng/ml



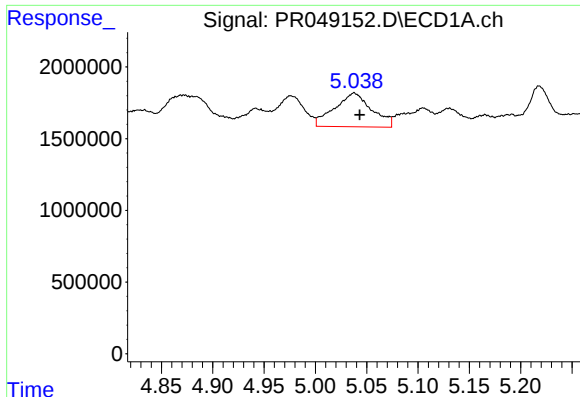
#10 AR-1221-3

R.T.: 5.038 min
Delta R.T.: -0.005 min
Response: 5912933
Conc: 86.43 ng/ml



#10 AR-1221-3

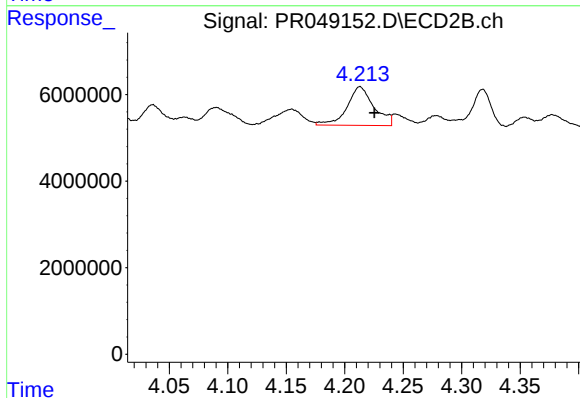
R.T.: 4.213 min
Delta R.T.: -0.012 min
Response: 14232593
Conc: 153.71 ng/ml



#11 AR-1232-1

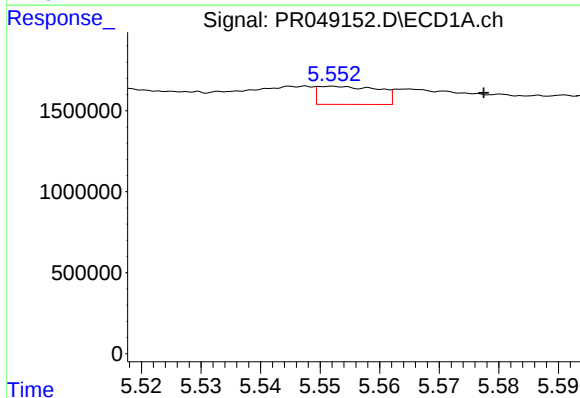
R.T.: 5.038 min
Delta R.T.: -0.006 min
Response: 5912933
Conc: 102.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



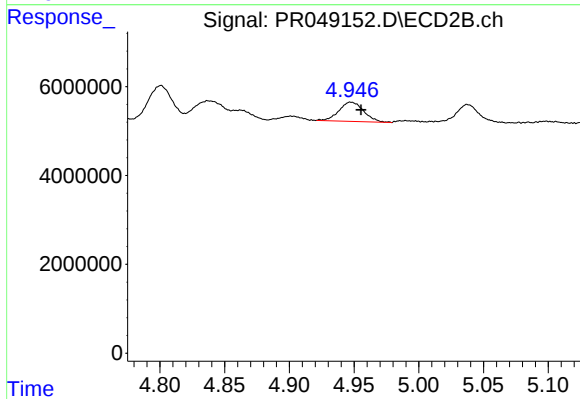
#11 AR-1232-1

R.T.: 4.213 min
Delta R.T.: -0.012 min
Response: 14232593
Conc: 182.58 ng/ml



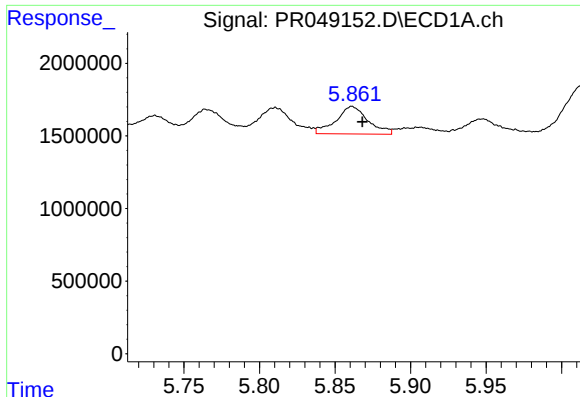
#12 AR-1232-2

R.T.: 5.552 min
Delta R.T.: -0.025 min
Response: 789270
Conc: 25.96 ng/ml



#12 AR-1232-2

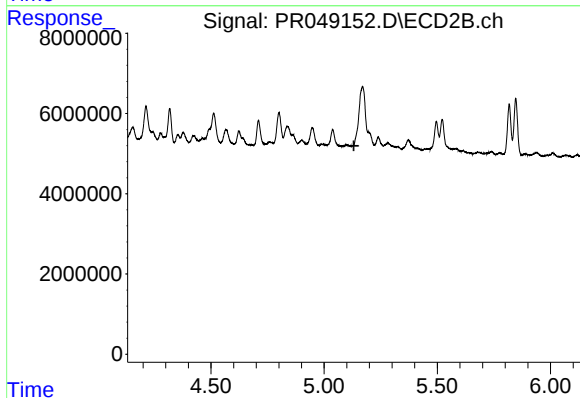
R.T.: 4.948 min
Delta R.T.: -0.008 min
Response: 5807326
Conc: 84.69 ng/ml



#13 AR-1232-3

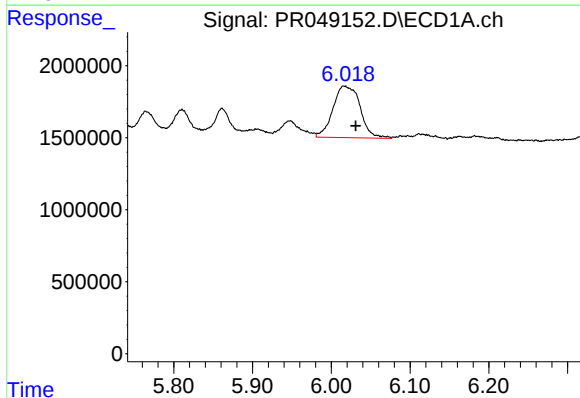
R.T.: 5.861 min
Delta R.T.: -0.007 min
Response: 2797067
Conc: 46.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



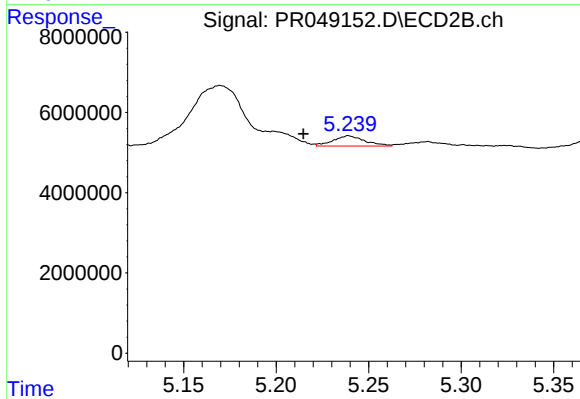
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.131 min
Response: 0
Conc: N.D.



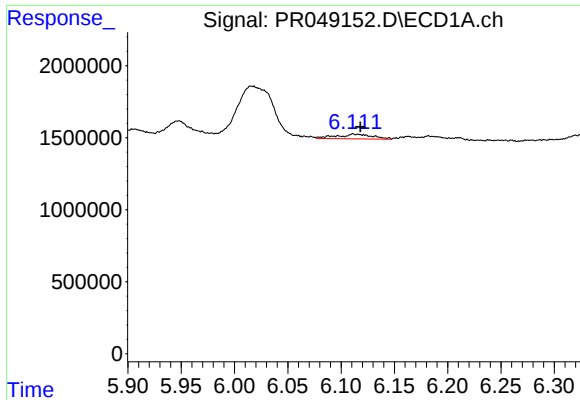
#14 AR-1232-4

R.T.: 6.016 min
Delta R.T.: -0.015 min
Response: 8583954
Conc: 280.52 ng/ml



#14 AR-1232-4

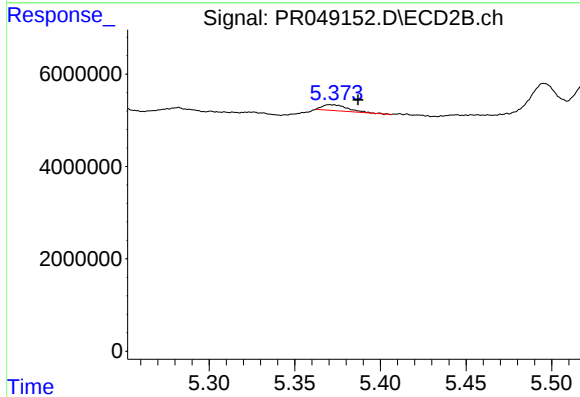
R.T.: 5.239 min
Delta R.T.: 0.024 min
Response: 3047819
Conc: 147.00 ng/ml



#15 AR-1232-5

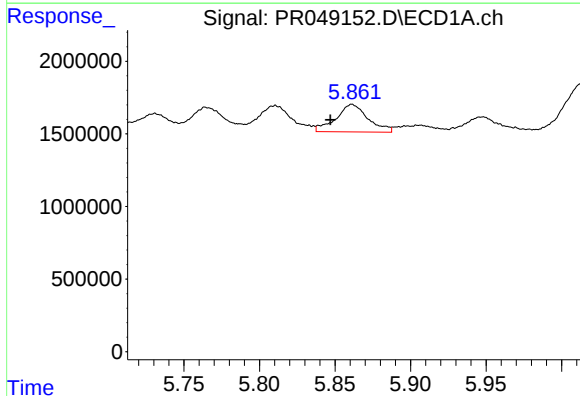
R.T.: 6.111 min
Delta R.T.: -0.007 min
Response: 754339
Conc: 31.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



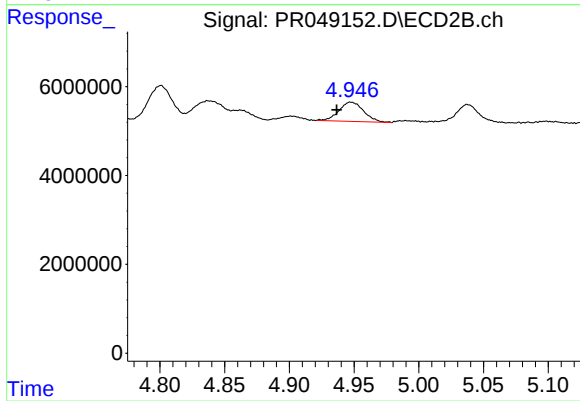
#15 AR-1232-5

R.T.: 5.371 min
Delta R.T.: -0.016 min
Response: 1326608
Conc: 53.86 ng/ml



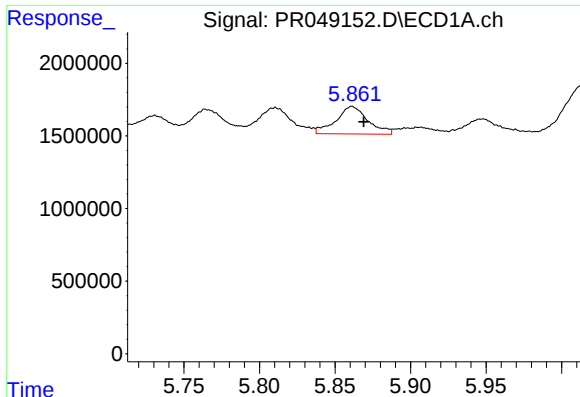
#16 AR-1242-1

R.T.: 5.861 min
Delta R.T.: 0.014 min
Response: 2797067
Conc: 39.03 ng/ml



#16 AR-1242-1

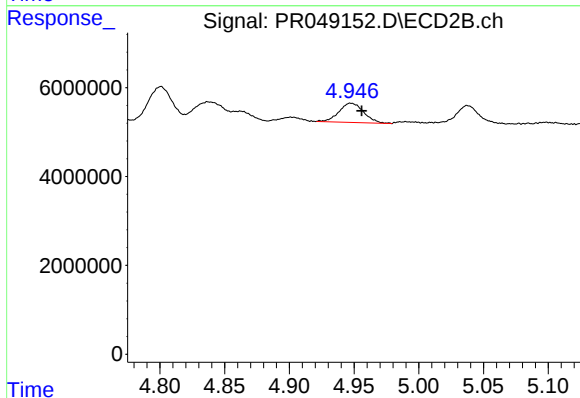
R.T.: 4.948 min
Delta R.T.: 0.011 min
Response: 5807326
Conc: 100.21 ng/ml



#17 AR-1242-2

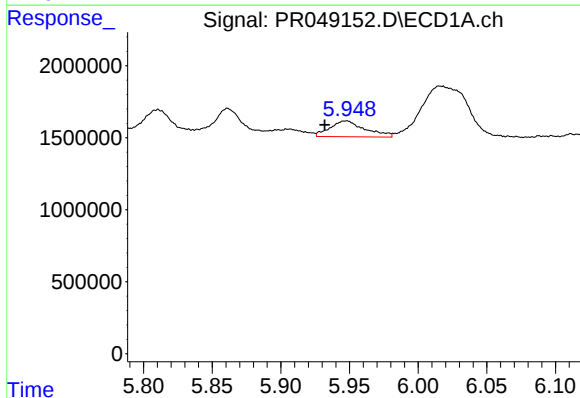
R.T.: 5.861 min
Delta R.T.: -0.008 min
Response: 2797067
Conc: 27.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



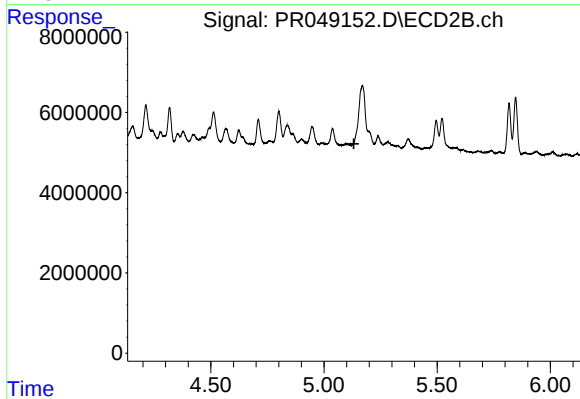
#17 AR-1242-2

R.T.: 4.948 min
Delta R.T.: -0.008 min
Response: 5807326
Conc: 50.36 ng/ml



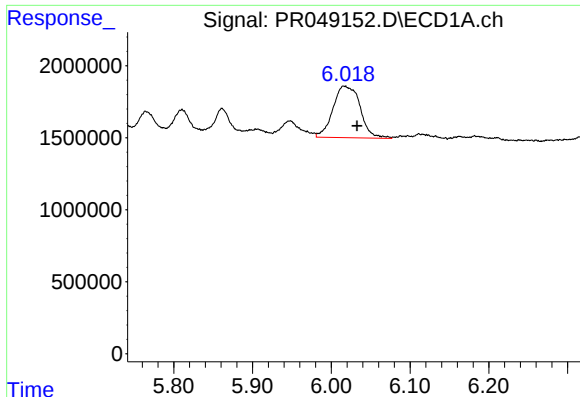
#18 AR-1242-3

R.T.: 5.948 min
Delta R.T.: 0.016 min
Response: 1971505
Conc: 31.31 ng/ml



#18 AR-1242-3

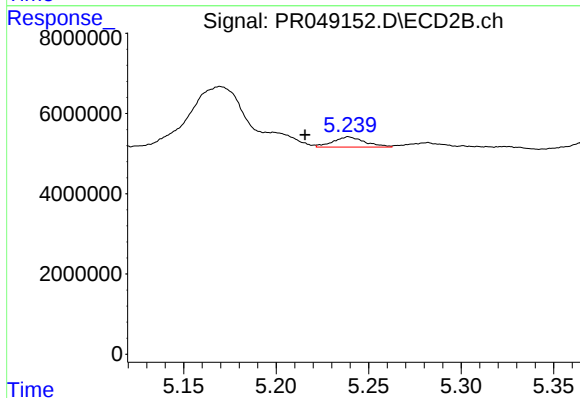
R.T.: 0.000 min
Exp R.T.: 5.132 min
Response: 0
Conc: N.D.



#19 AR-1242-4

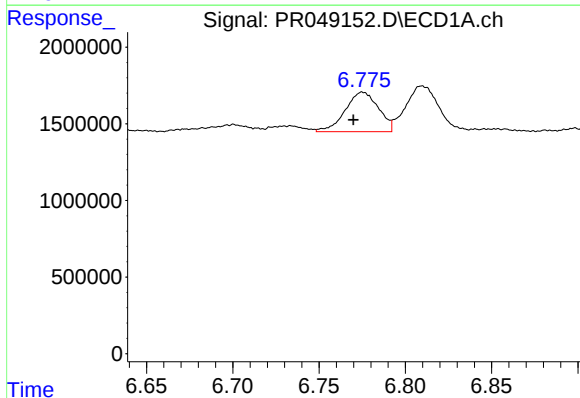
R.T.: 6.016 min
Delta R.T.: -0.016 min
Response: 8583954
Conc: 165.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



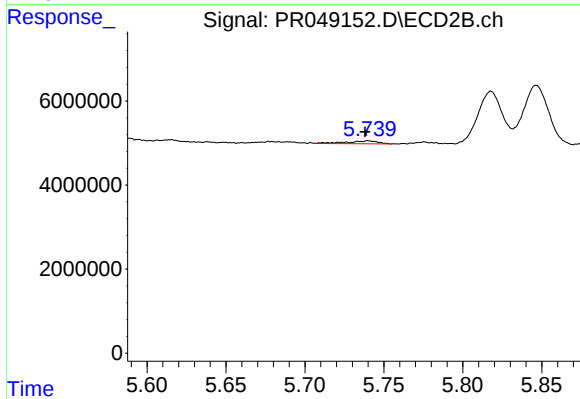
#19 AR-1242-4

R.T.: 5.239 min
Delta R.T.: 0.024 min
Response: 3047819
Conc: 74.30 ng/ml



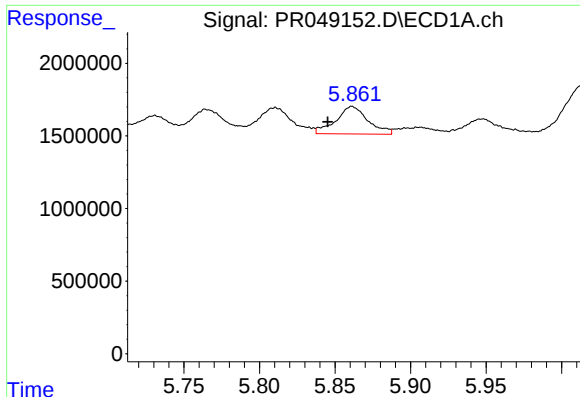
#20 AR-1242-5

R.T.: 6.775 min
Delta R.T.: 0.005 min
Response: 3463928
Conc: 59.26 ng/ml



#20 AR-1242-5

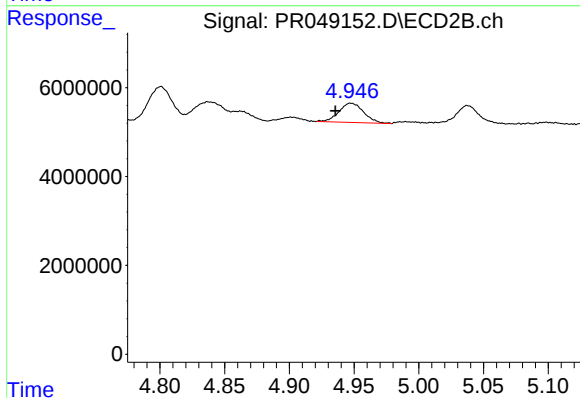
R.T.: 5.740 min
Delta R.T.: 0.002 min
Response: 952491
Conc: 14.42 ng/ml



#21 AR-1248-1

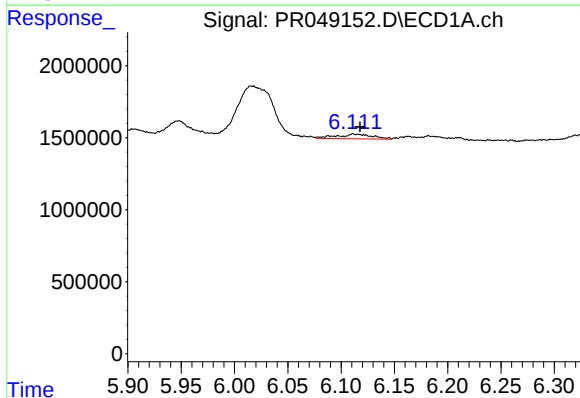
R.T.: 5.861 min
Delta R.T.: 0.016 min
Response: 2797067
Conc: 48.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



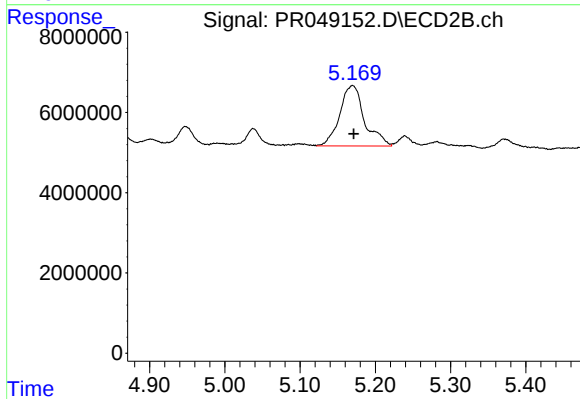
#21 AR-1248-1

R.T.: 4.948 min
Delta R.T.: 0.012 min
Response: 5807326
Conc: 125.64 ng/ml



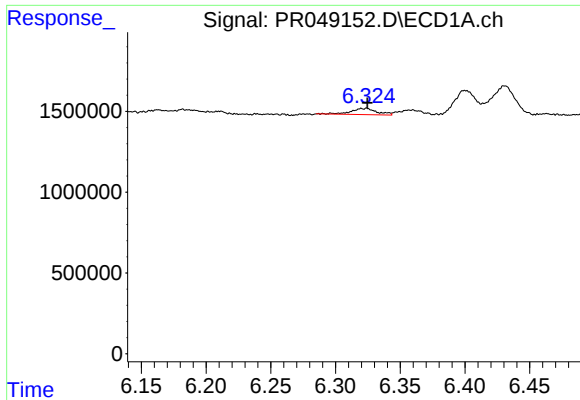
#22 AR-1248-2

R.T.: 6.111 min
Delta R.T.: -0.006 min
Response: 754339
Conc: 9.57 ng/ml



#22 AR-1248-2

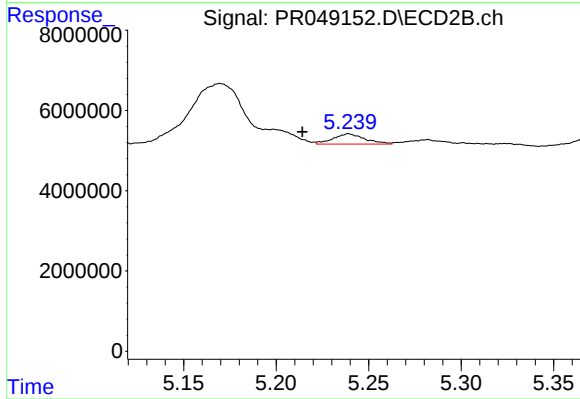
R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 34382301
Conc: 666.63 ng/ml



#23 AR-1248-3

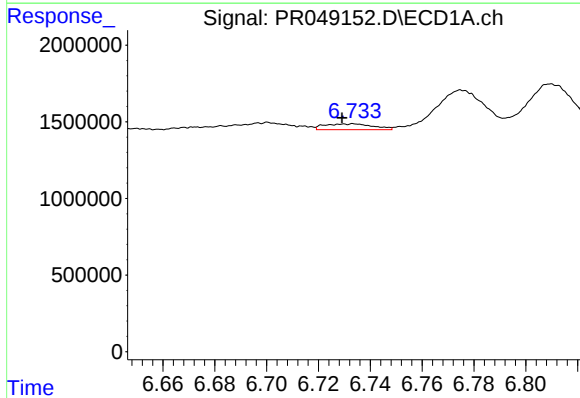
R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 541389
Conc: 6.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



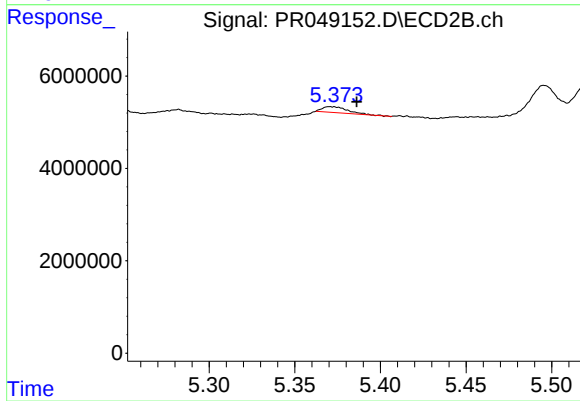
#23 AR-1248-3

R.T.: 5.239 min
Delta R.T.: 0.025 min
Response: 3047819
Conc: 49.45 ng/ml



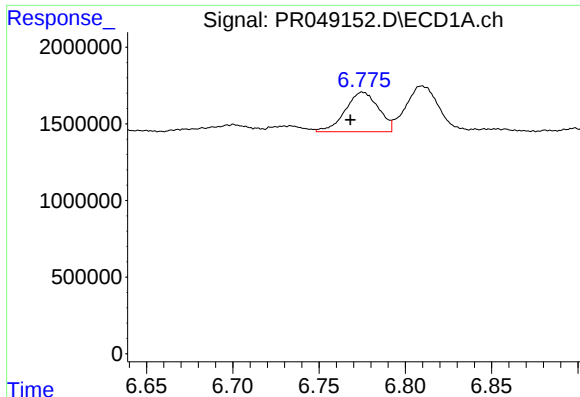
#24 AR-1248-4

R.T.: 6.734 min
Delta R.T.: 0.005 min
Response: 495285
Conc: 4.80 ng/ml



#24 AR-1248-4

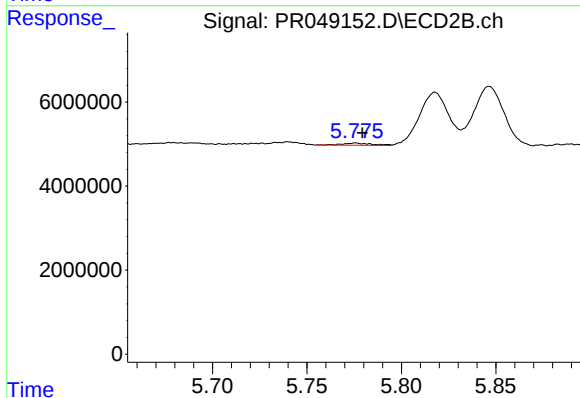
R.T.: 5.371 min
Delta R.T.: -0.015 min
Response: 1326608
Conc: 16.58 ng/ml



#25 AR-1248-5

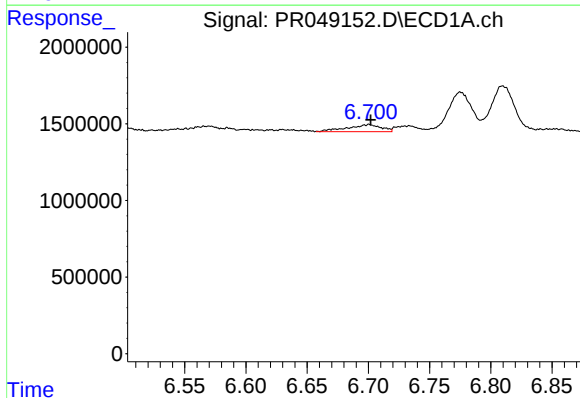
R.T.: 6.775 min
Delta R.T.: 0.007 min
Response: 3463928
Conc: 35.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



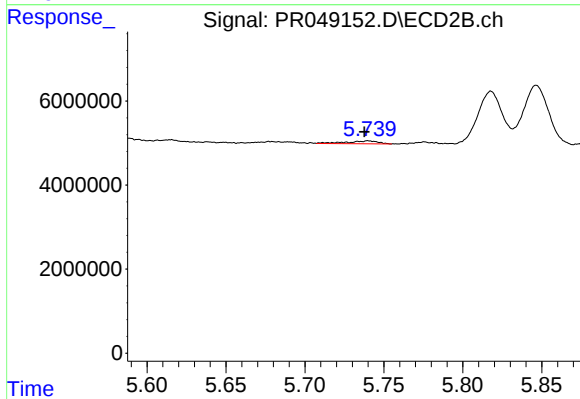
#25 AR-1248-5

R.T.: 5.776 min
Delta R.T.: -0.004 min
Response: 560122
Conc: 4.89 ng/ml



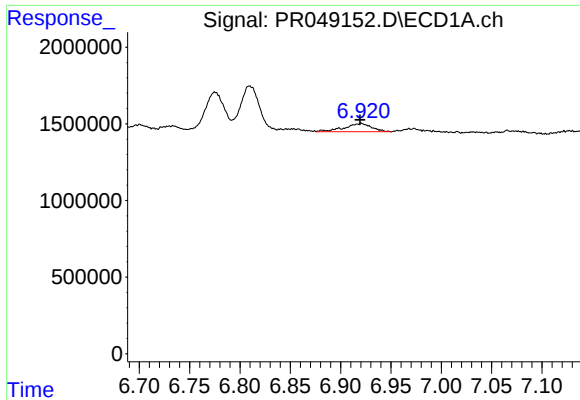
#26 AR-1254-1

R.T.: 6.701 min
Delta R.T.: -0.001 min
Response: 885870
Conc: 8.27 ng/ml



#26 AR-1254-1

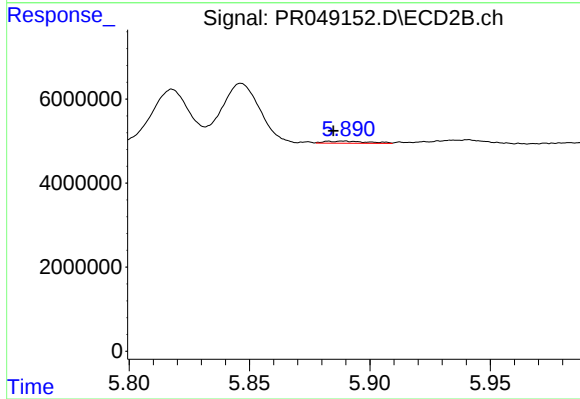
R.T.: 5.740 min
Delta R.T.: 0.002 min
Response: 952491
Conc: 7.20 ng/ml



#27 AR-1254-2

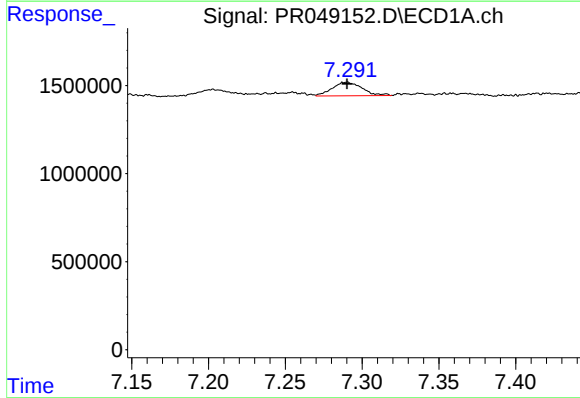
R.T.: 6.921 min
Delta R.T.: 0.002 min
Response: 1023223
Conc: 6.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



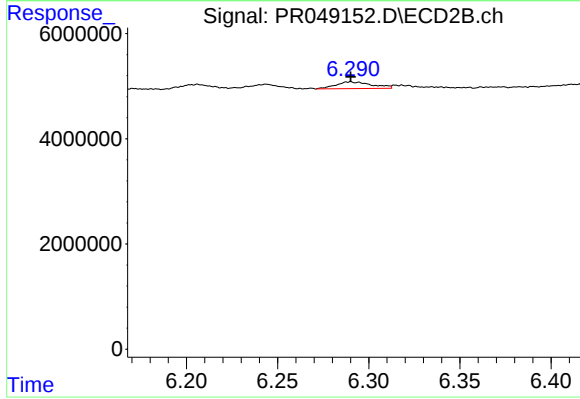
#27 AR-1254-2

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 645758
Conc: 4.90 ng/ml



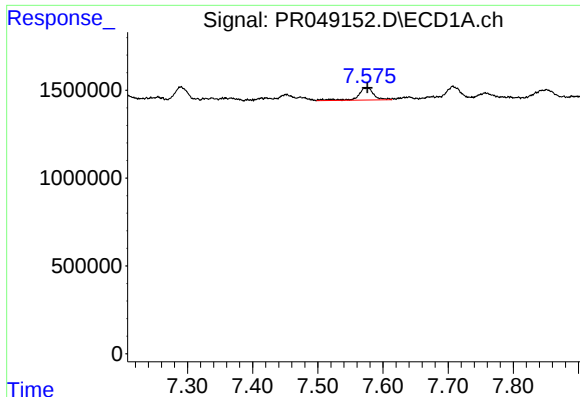
#28 AR-1254-3

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 1040869
Conc: 6.26 ng/ml



#28 AR-1254-3

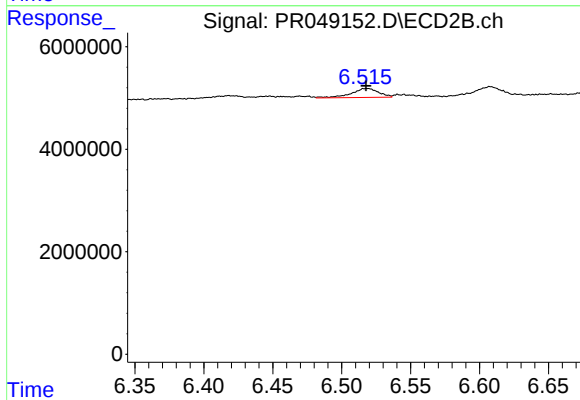
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 1772584
Conc: 6.76 ng/ml



#29 AR-1254-4

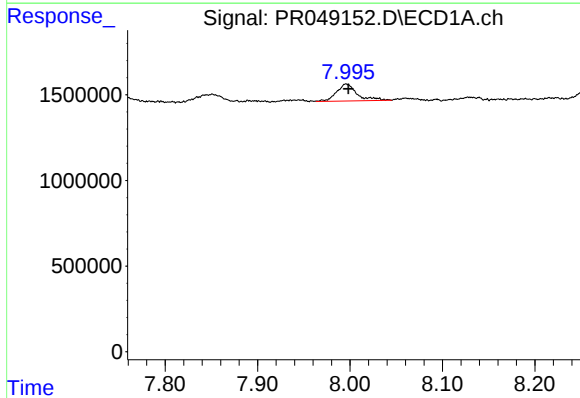
R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 1174469
Conc: 9.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



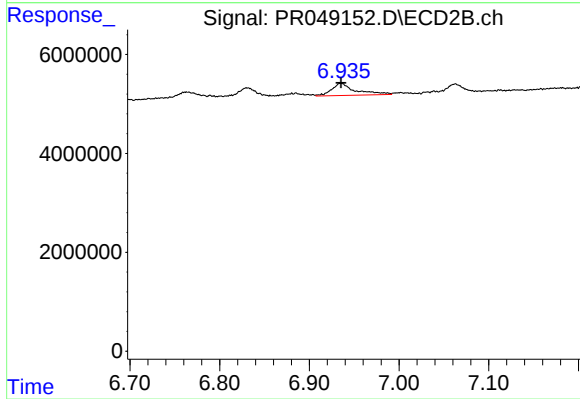
#29 AR-1254-4

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 2438966
Conc: 6.85 ng/ml



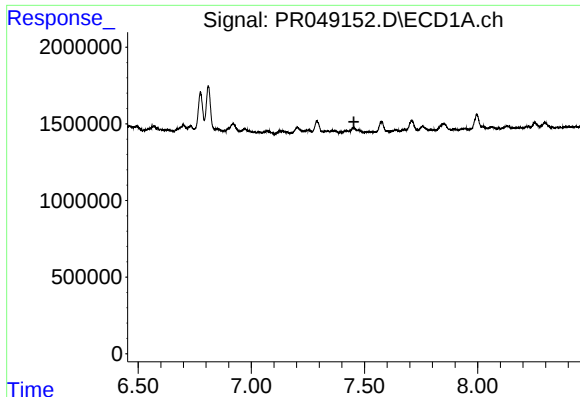
#30 AR-1254-5

R.T.: 7.996 min
Delta R.T.: -0.002 min
Response: 1530789
Conc: 11.66 ng/ml



#30 AR-1254-5

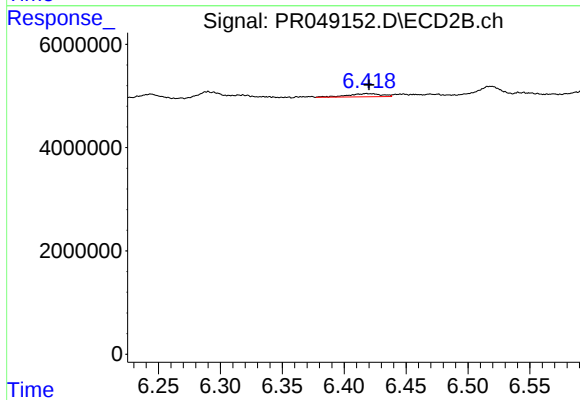
R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 4641564
Conc: 10.77 ng/ml



#31 AR-1260-1

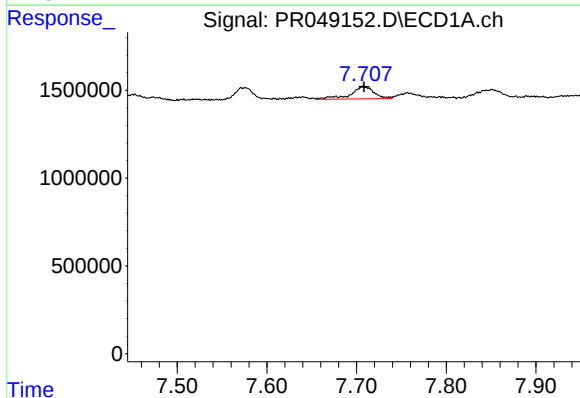
R.T.: 0.000 min
Exp R.T.: 7.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



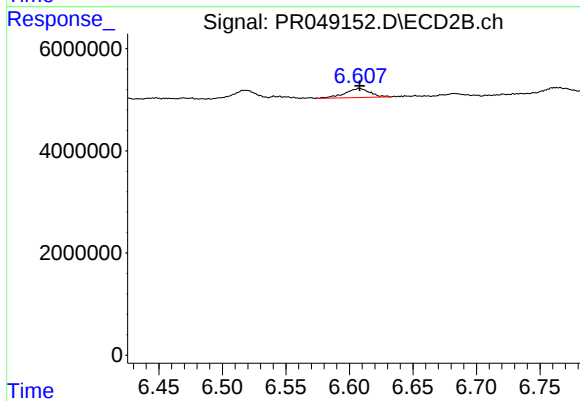
#31 AR-1260-1

R.T.: 6.418 min
Delta R.T.: -0.002 min
Response: 1119004
Conc: 8.17 ng/ml



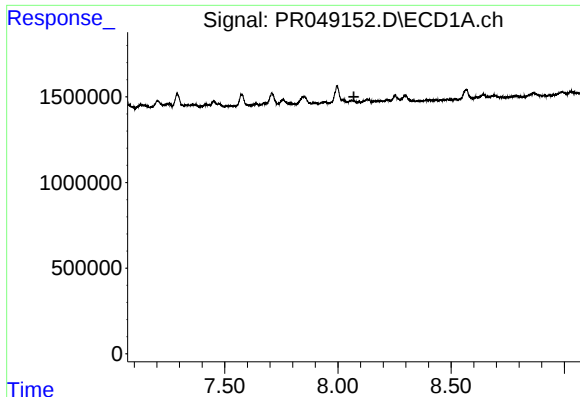
#32 AR-1260-2

R.T.: 7.707 min
Delta R.T.: -0.001 min
Response: 1285172
Conc: 8.81 ng/ml



#32 AR-1260-2

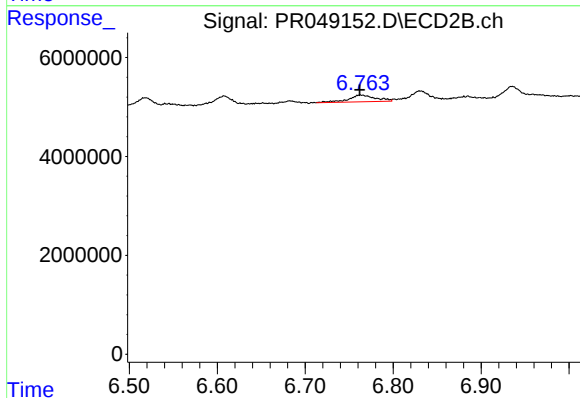
R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 2483621
Conc: 5.51 ng/ml



#33 AR-1260-3

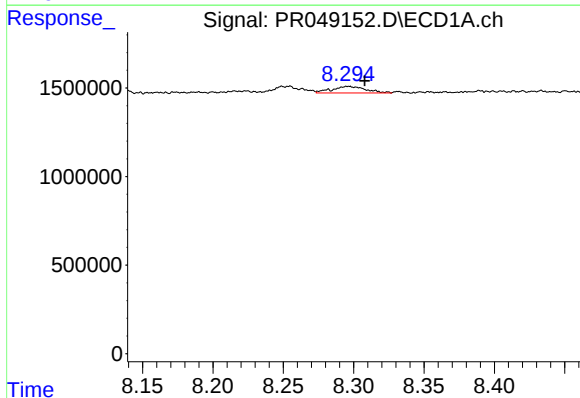
R.T.: 0.000 min
Exp R.T.: 8.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



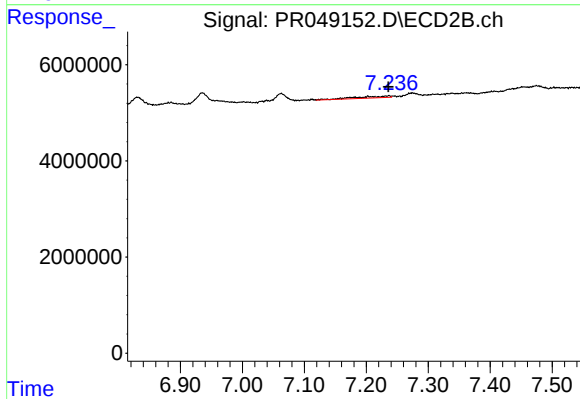
#33 AR-1260-3

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 2952376
Conc: 10.10 ng/ml



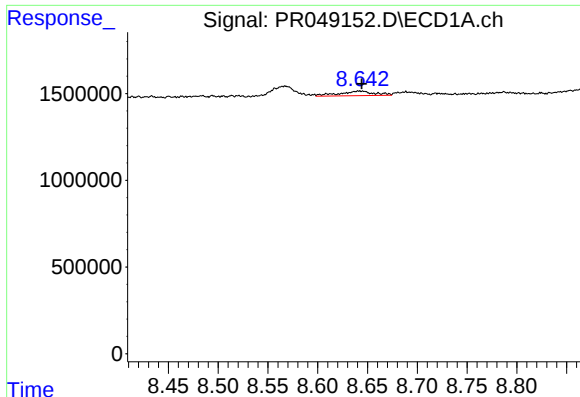
#34 AR-1260-4

R.T.: 8.296 min
Delta R.T.: -0.012 min
Response: 617636
Conc: 5.16 ng/ml



#34 AR-1260-4

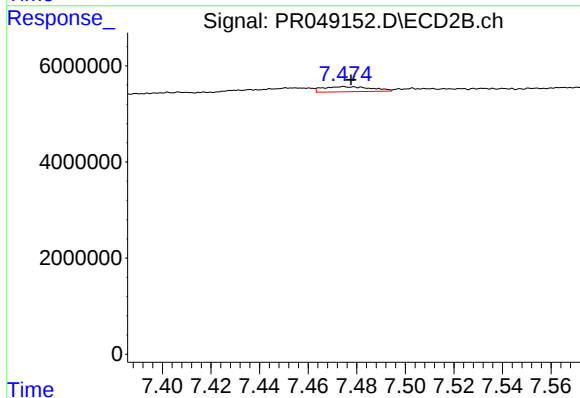
R.T.: 7.237 min
Delta R.T.: 0.001 min
Response: 1434255
Conc: 4.44 ng/ml



#35 AR-1260-5

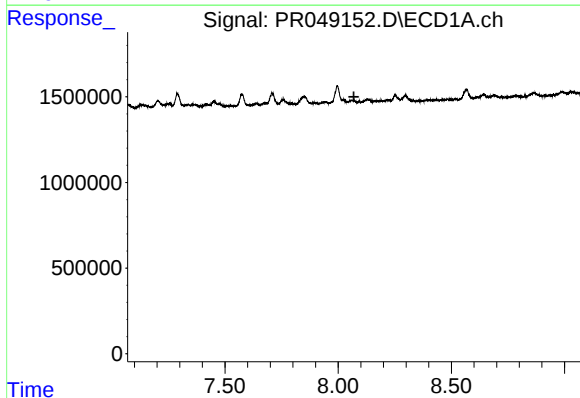
R.T.: 8.642 min
Delta R.T.: -0.002 min
Response: 642168
Conc: 2.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



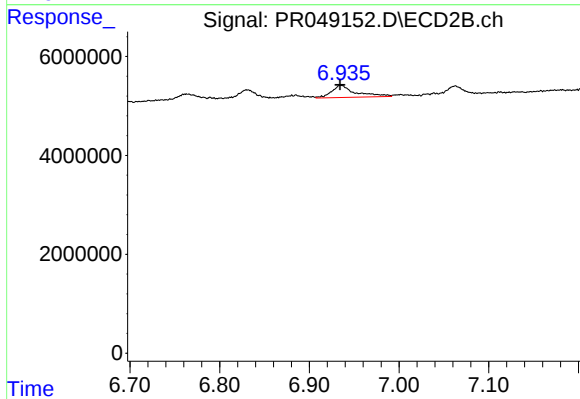
#35 AR-1260-5

R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 1478322
Conc: 1.11 ng/ml



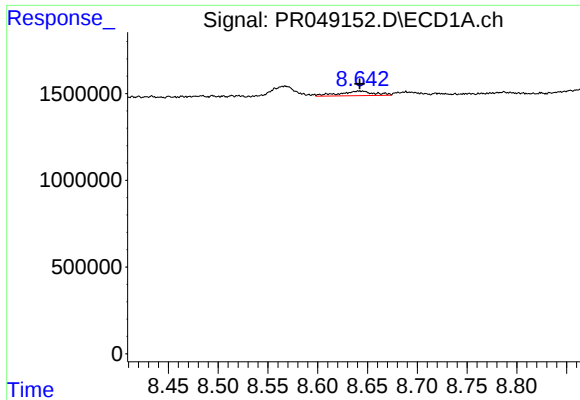
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.069 min
Response: 0
Conc: N.D.



#36 AR-1262-1

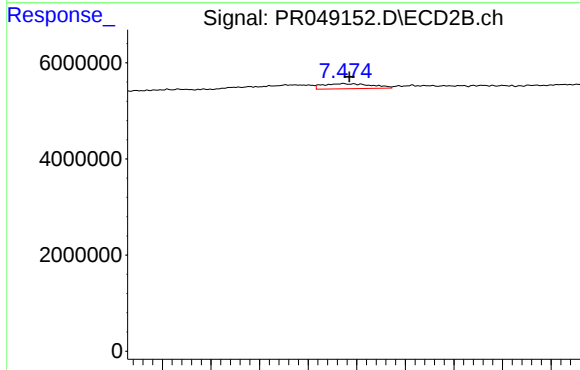
R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 4641564
Conc: 20.24 ng/ml



#37 AR-1262-2

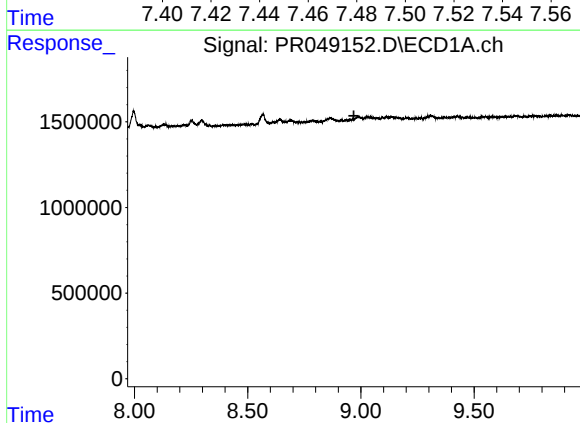
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 642168
Conc: 2.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



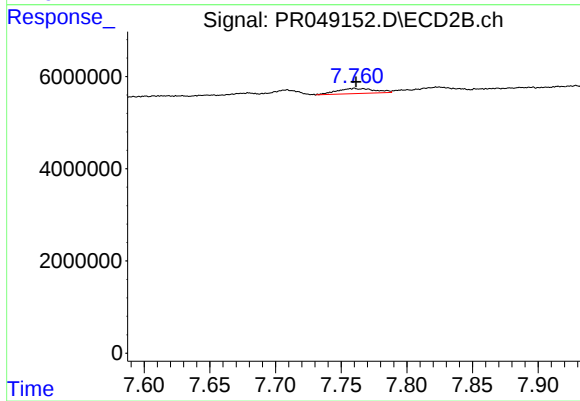
#37 AR-1262-2

R.T.: 7.475 min
Delta R.T.: -0.003 min
Response: 1478322
Conc: 1.01 ng/ml



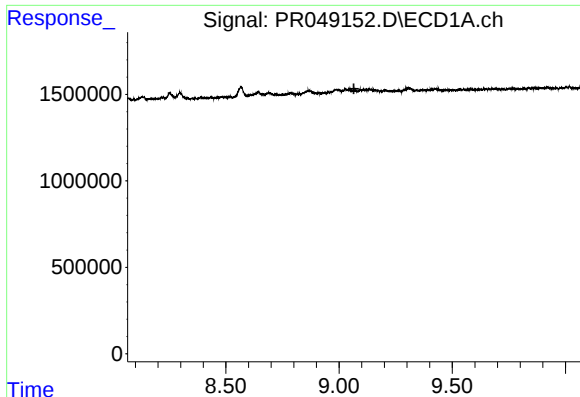
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.969 min
Response: 0
Conc: N.D.



#38 AR-1262-3

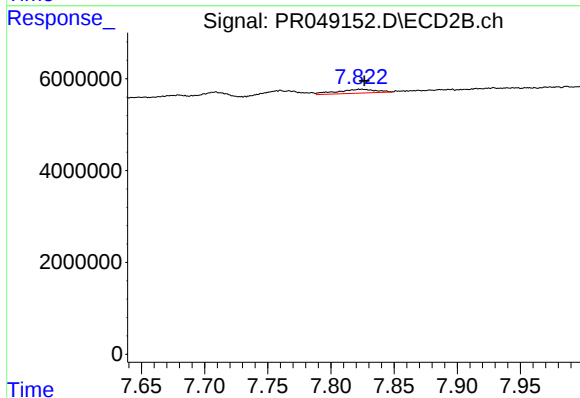
R.T.: 7.760 min
Delta R.T.: -0.001 min
Response: 2249501
Conc: 3.95 ng/ml



#39 AR-1262-4

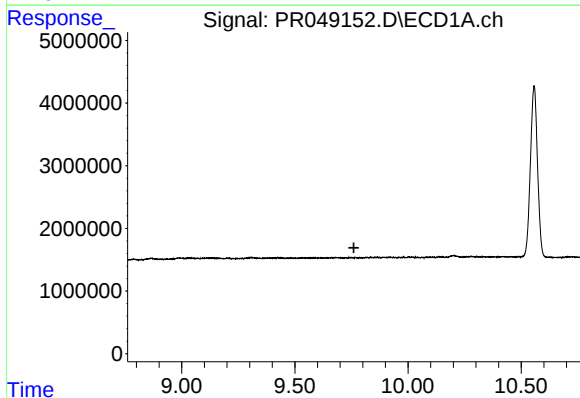
R.T.: 0.000 min
Exp R.T. : 9.065 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



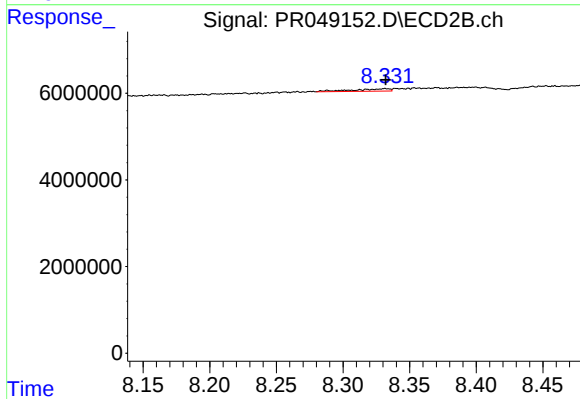
#39 AR-1262-4

R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 1794679
Conc: 1.91 ng/ml



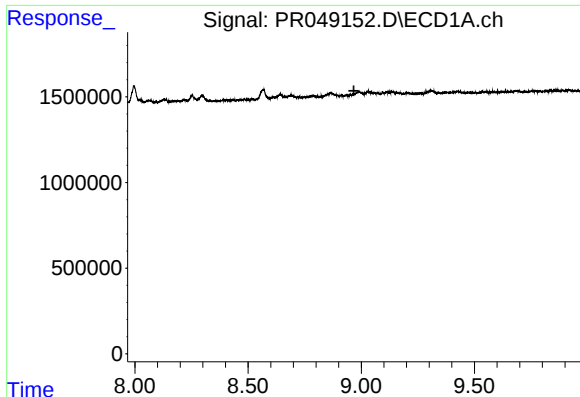
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.761 min
Response: 0
Conc: N.D.



#40 AR-1262-5

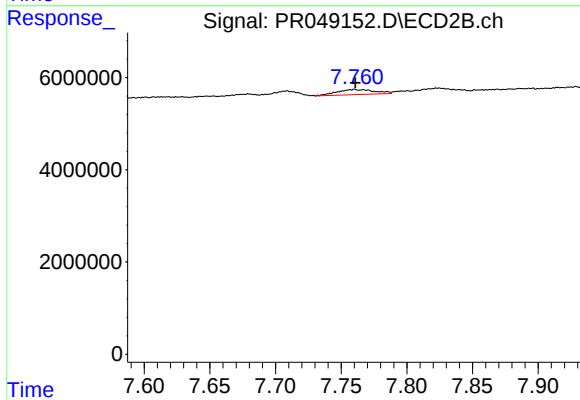
R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 1046512
Conc: 2.45 ng/ml



#41 AR-1268-1

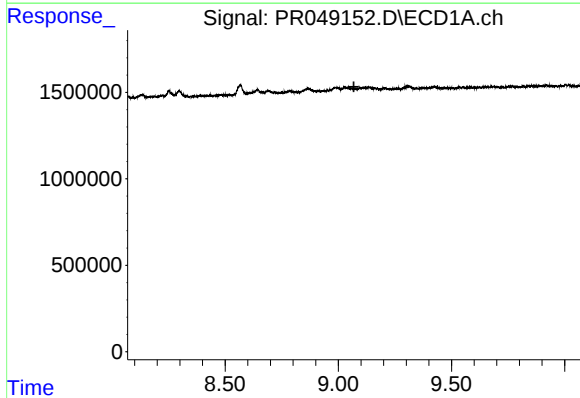
R.T.: 0.000 min
Exp R.T.: 8.968 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



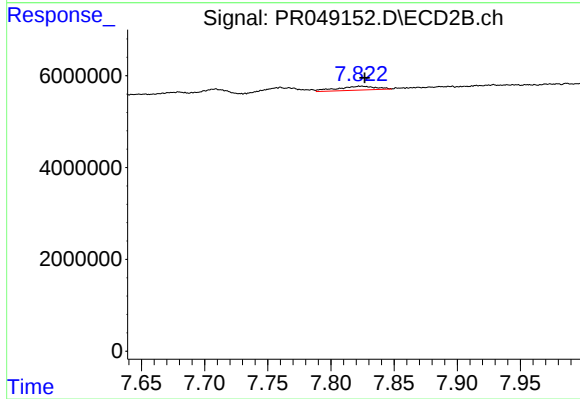
#41 AR-1268-1

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 2249501
Conc: 1.34 ng/ml



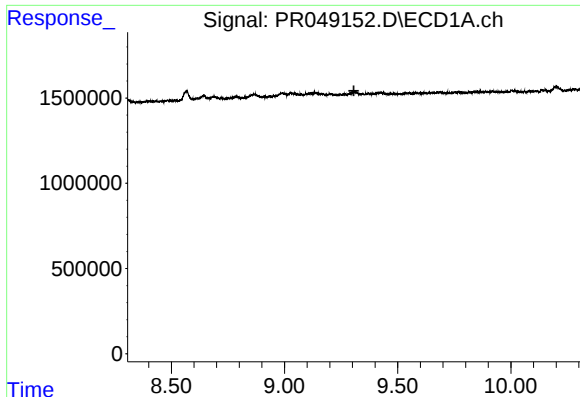
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.069 min
Response: 0
Conc: N.D.



#42 AR-1268-2

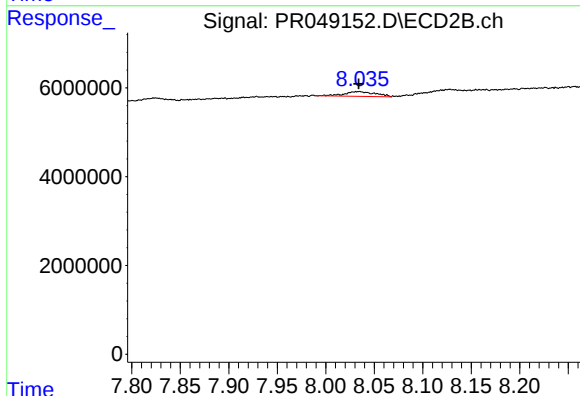
R.T.: 7.824 min
Delta R.T.: -0.002 min
Response: 1794679
Conc: 1.28 ng/ml



#43 AR-1268-3

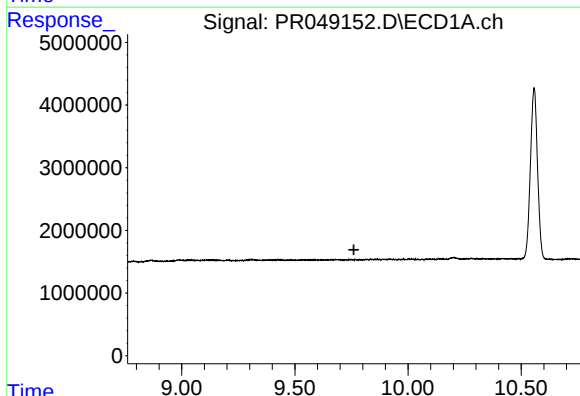
R.T.: 0.000 min
Exp R.T.: 9.306 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



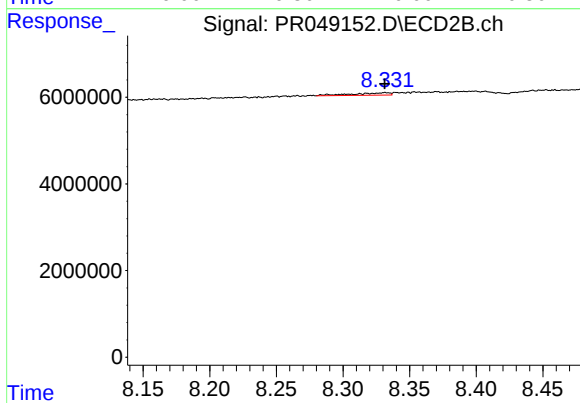
#43 AR-1268-3

R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 2375121
Conc: 1.91 ng/ml



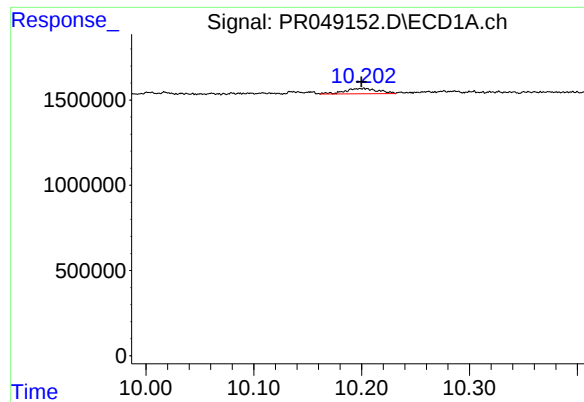
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.761 min
Response: 0
Conc: N.D.



#44 AR-1268-4

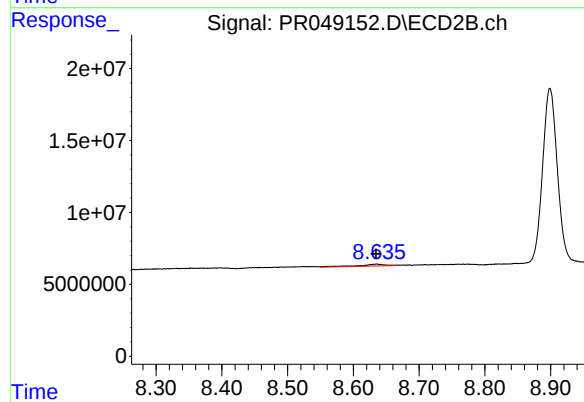
R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 1046512
Conc: 2.20 ng/ml



#45 AR-1268-5

R.T.: 10.202 min
Delta R.T.: 0.003 min
Response: 667892
Conc: 0.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.635 min
Delta R.T.: 0.000 min
Response: 3377550
Conc: 0.94 ng/ml