

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092018\
 Data File : PR032166.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2018 17:41
 Operator : SM\SJ
 Sample : J4988-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 01:23:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 03:49:43 2018
 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...	4.514	3.646	489.4E6	957.0E6	24.616	22.871
2)	SA Decachlor...	10.252	8.500	576.3E6	453.9E6	19.673	20.184
Target Compounds							
3)	L1 AR-1016-1	5.213	4.313	199759	766511	0.384	0.662 #
6)	L1 AR-1016-4	5.738	4.740	2056497	14669247	2.872	8.195 #
7)	L1 AR-1016-5	6.169	0.000	19883131	0	32.569	N.D. #
8)	L2 AR-1221-1	4.706	3.850	2002598	6936512	7.469	13.055 #
9)	L2 AR-1221-2	4.819	3.939	9212042	11282936	45.049	28.104 #
10)	L2 AR-1221-3	4.893	3.989	2261699	2763715	3.626	2.205 #
11)	L3 AR-1232-1	5.689	4.509	-2214161	10840444	N.D.	18.882 #
12)	L3 AR-1232-2	5.855	4.591	7462020	12284296	30.071	63.813 #
13)	L3 AR-1232-3	6.014	4.928	3227199	61427422	28.576	111.471 #
14)	L3 AR-1232-4	6.330	5.258	3139027	10444385	41.612	14.847 #
15)	L3 AR-1232-5	7.235	5.801	1932422	2003855	29.644	24.207
16)	L4 AR-1242-1	5.242	4.313	760312	766511	3.400	1.424 #
17)	L4 AR-1242-2	5.982	4.881	317618	1573203	0.759	1.402 #
18)	L4 AR-1242-3	6.169	5.001	19883131	68654609	90.643	172.805 #
19)	L4 AR-1242-4	6.243	5.347	375248	5068039	2.221	13.612 #
20)	L4 AR-1242-5	6.300	5.730	1507888	2661582	2.721	3.178
21)	L5 AR-1248-1	5.951	4.928	2256423	61427422	1.802	21.522 #
22)	L5 AR-1248-2	6.524	5.480	6177342	22274152	4.741	3.900
23)	L5 AR-1248-3	6.524	5.519	6177342	20816862	3.483	4.798 #
24)	L5 AR-1248-4	6.590	5.669	6805581	13570758	4.020	3.429
25)	L5 AR-1248-5	6.812	6.002	3331688	17310489	2.980	6.841 #
26)	L6 AR-1254-1	6.751	5.618	1744537	18085381	1.154	5.782 #
27)	L6 AR-1254-2	7.003	5.968	9465892	1194850	9.618	0.770 #
28)	L6 AR-1254-3	7.110	6.232	4064182	11029990	2.281	3.423 #
29)	L6 AR-1254-4	7.390	6.535	975013	7207374	0.694	3.828 #
30)	L6 AR-1254-5	7.661	6.632	2010326	32285718	2.101	14.663 #
31)	L7 AR-1260-1	7.268	6.140	1748649	3851287	1.338	1.163
32)	L7 AR-1260-2	7.524	6.320	214498	28175504	0.130	6.893 #
33)	L7 AR-1260-3	7.807	6.465	4510293	1920371	2.351	0.587 #
34)	L7 AR-1260-4	8.123	6.923	4148396	4977490	3.005	2.482
35)	L7 AR-1260-5	8.429	7.167	4261517	10940061	1.393	2.680 #
36)	L8 AR-1262-1	7.182	6.002	524549	17310489	0.690	10.008 #
37)	L8 AR-1262-2	7.943	6.732	1217230	51521234	1.721	36.236 #
38)	L8 AR-1262-3	8.205	7.070	-73547	15502799	N.D.	15.244 #
39)	L8 AR-1262-4	8.836	7.440	5606380	10435610	3.093	6.168 #
40)	L8 AR-1262-5	9.497	8.005	10136565	16489729	7.485	15.639 #
41)	L9 AR-1268-1	7.882	6.674	2318994	36292915	3.275	25.909 #
42)	L9 AR-1268-2	8.123	7.506	4148396	13053977	4.486	2.178 #
43)	L9 AR-1268-3	8.746	7.707	2808674	22802038	0.659	8.106 #

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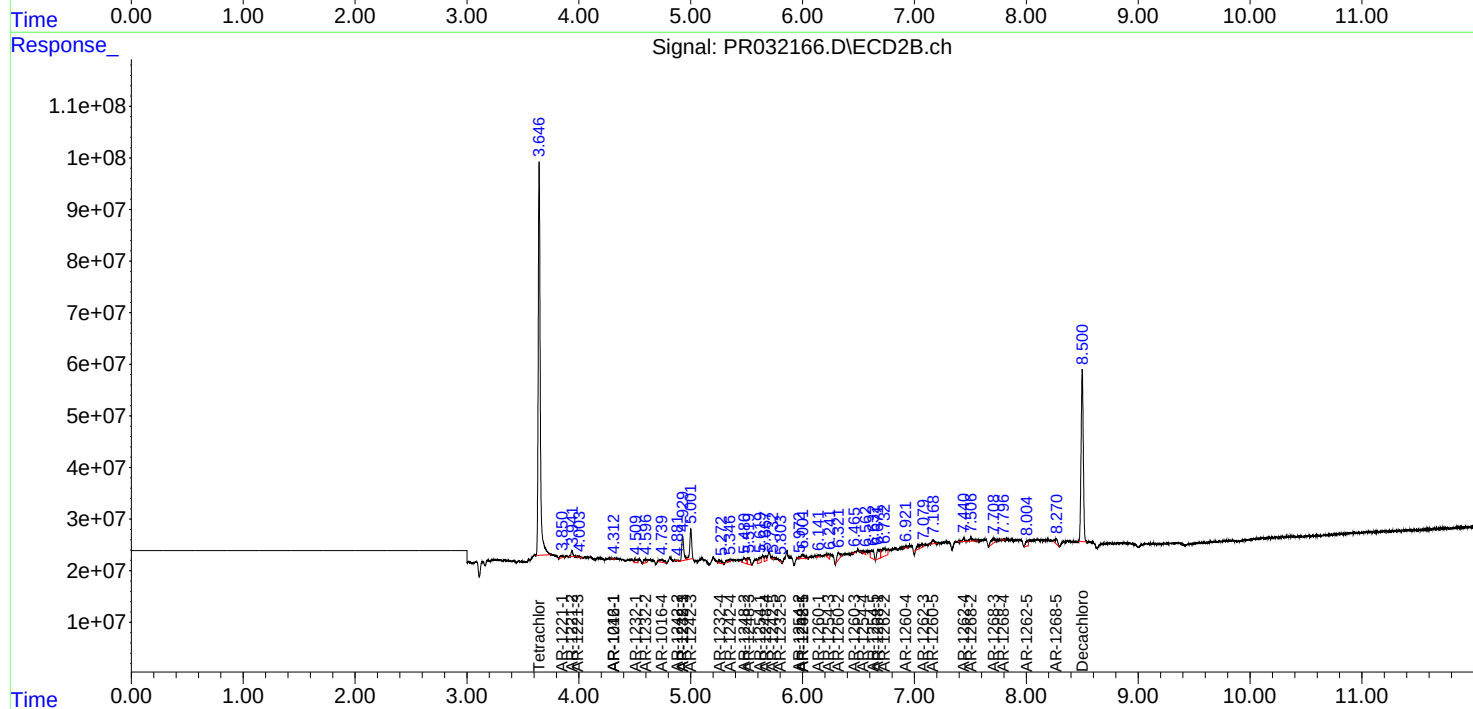
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

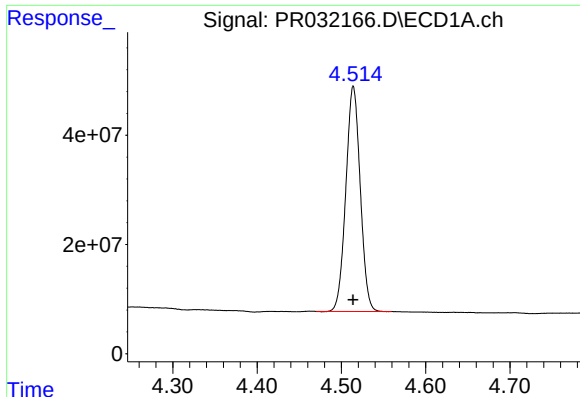
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.071	7.791	8096175	421734	2.359	0.527 #
45) L9	AR-1268-5	9.913	8.267	7684709	16687370	0.755	2.310 #

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

Instrument :
ECD_R
ClientSampleId :

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

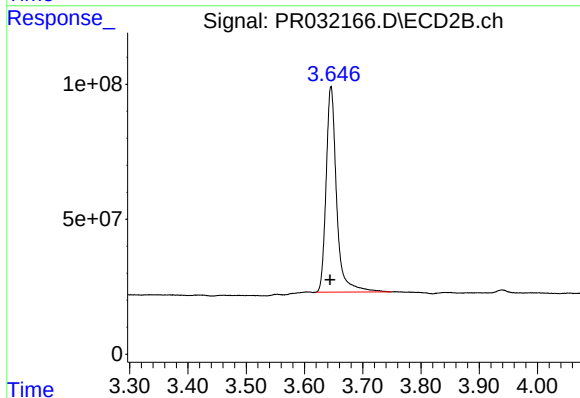




#1 Tetrachloro-m-xylene

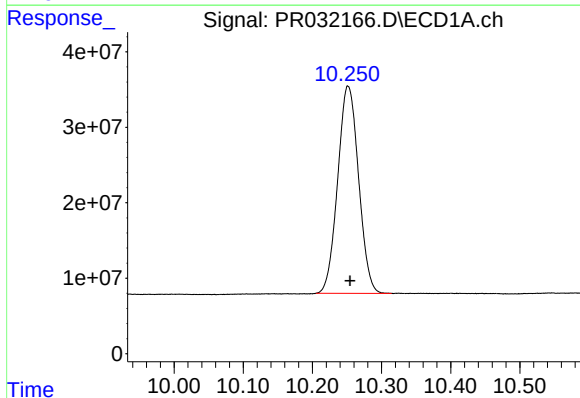
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 489379823
Conc: 24.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



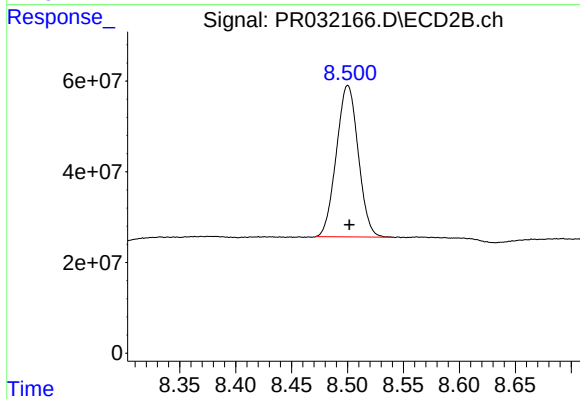
#1 Tetrachloro-m-xylene

R.T.: 3.646 min
Delta R.T.: 0.001 min
Response: 957037469
Conc: 22.87 ng/ml



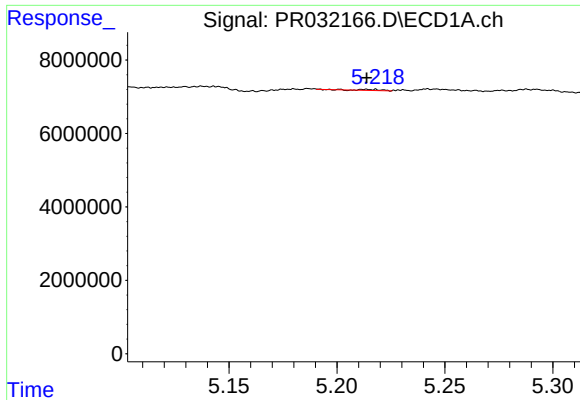
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.003 min
Response: 576258165
Conc: 19.67 ng/ml



#2 Decachlorobiphenyl

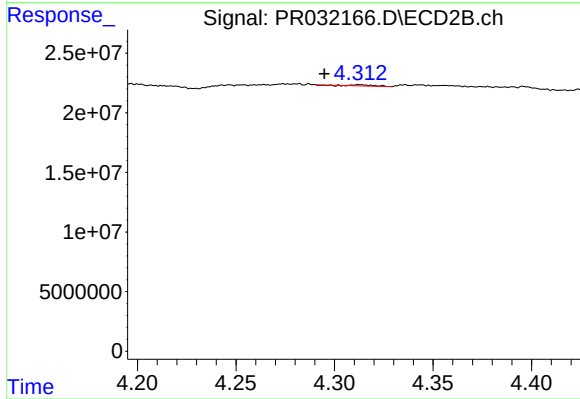
R.T.: 8.500 min
Delta R.T.: -0.002 min
Response: 453882035
Conc: 20.18 ng/ml



#3 AR-1016-1

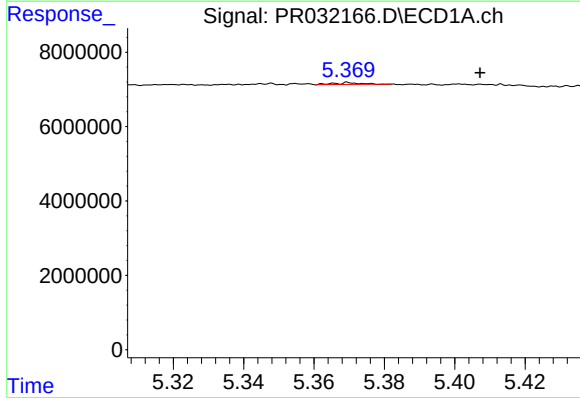
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 199759
Conc: 0.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



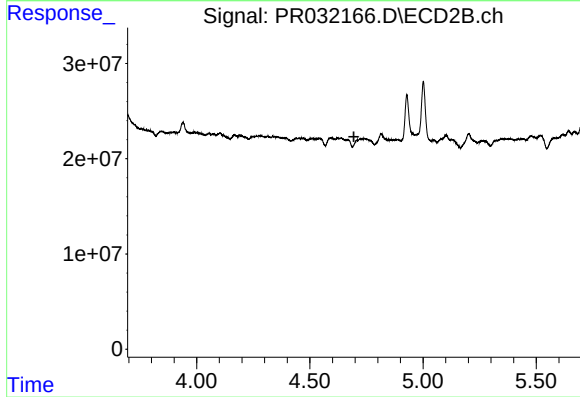
#3 AR-1016-1

R.T.: 4.313 min
Delta R.T.: 0.018 min
Response: 766511
Conc: 0.66 ng/ml



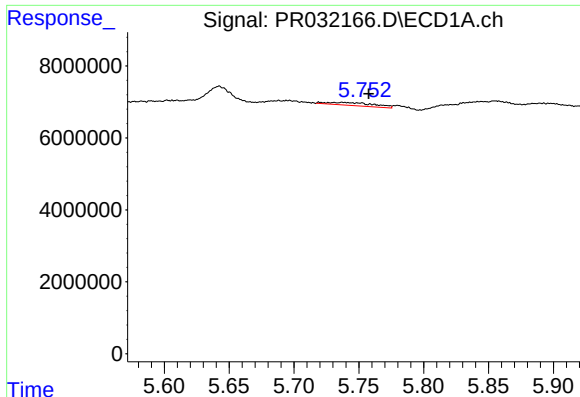
#4 AR-1016-2

R.T.: 5.370 min
Delta R.T.: -0.037 min
Response: 213400
Conc: 0.40 ng/ml



#4 AR-1016-2

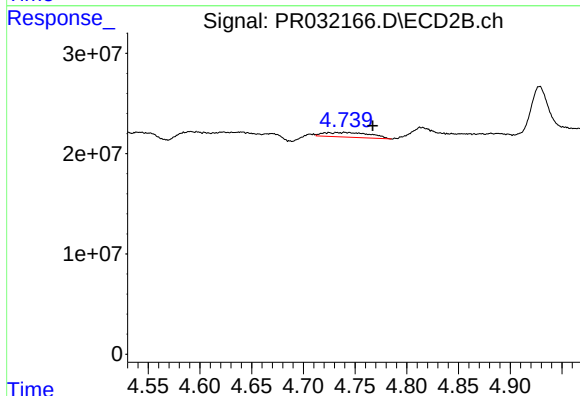
R.T.: 4.707 min
Delta R.T.: 0.012 min
Response: -5170215
Conc: N.D.



#6 AR-1016-4

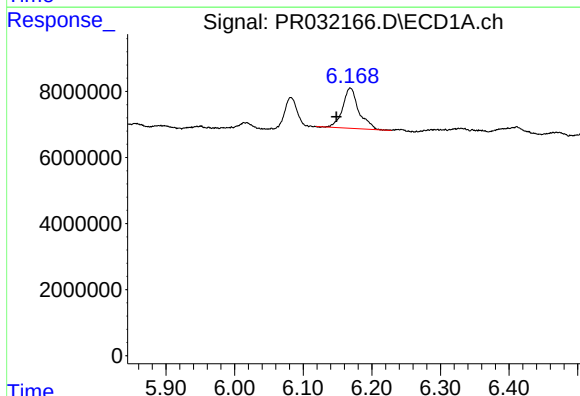
R.T.: 5.738 min
Delta R.T.: -0.020 min
Response: 2056497
Conc: 2.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



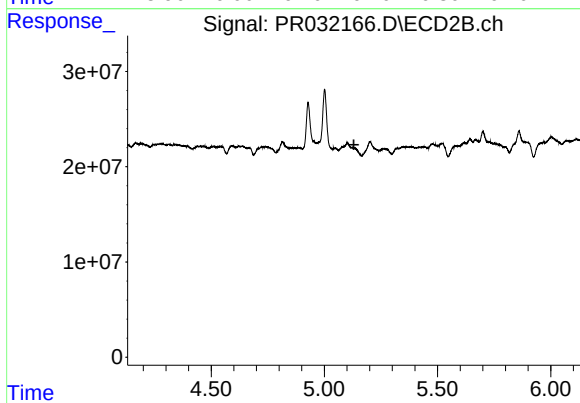
#6 AR-1016-4

R.T.: 4.740 min
Delta R.T.: -0.027 min
Response: 14669247
Conc: 8.20 ng/ml



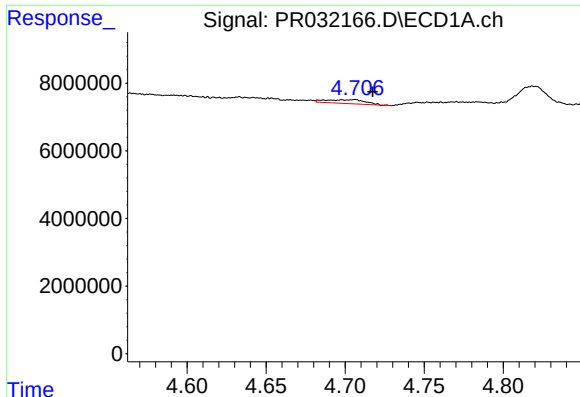
#7 AR-1016-5

R.T.: 6.169 min
Delta R.T.: 0.020 min
Response: 19883131
Conc: 32.57 ng/ml



#7 AR-1016-5

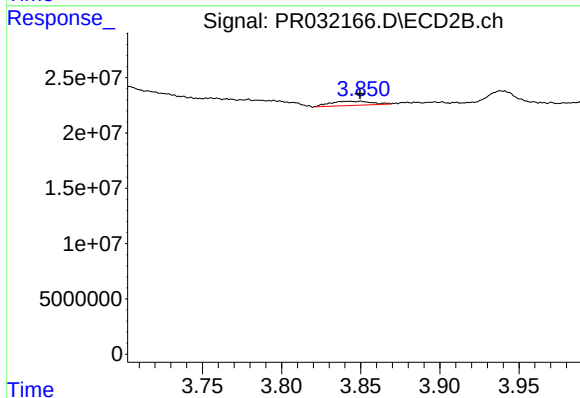
R.T.: 0.000 min
Exp R.T.: 5.130 min
Response: 0
Conc: N.D.



#8 AR-1221-1

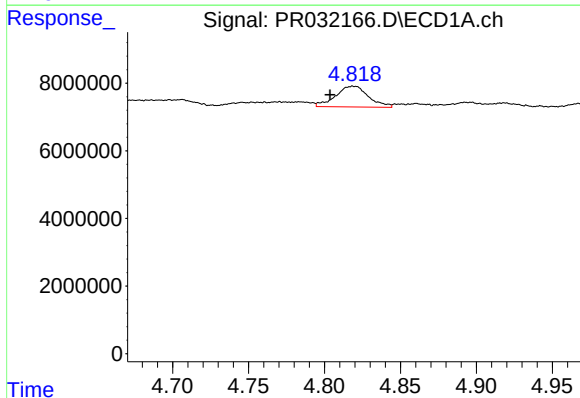
R.T.: 4.706 min
Delta R.T.: -0.012 min
Response: 2002598
Conc: 7.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



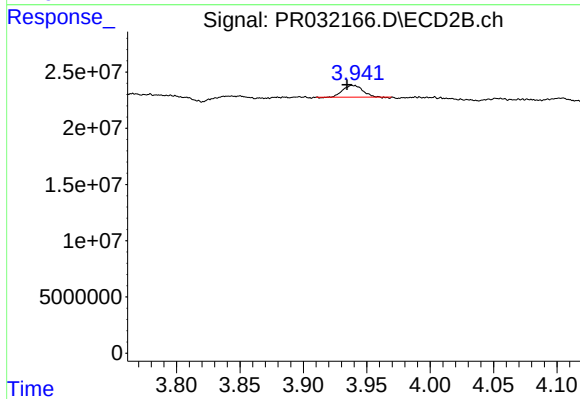
#8 AR-1221-1

R.T.: 3.850 min
Delta R.T.: 0.000 min
Response: 6936512
Conc: 13.05 ng/ml



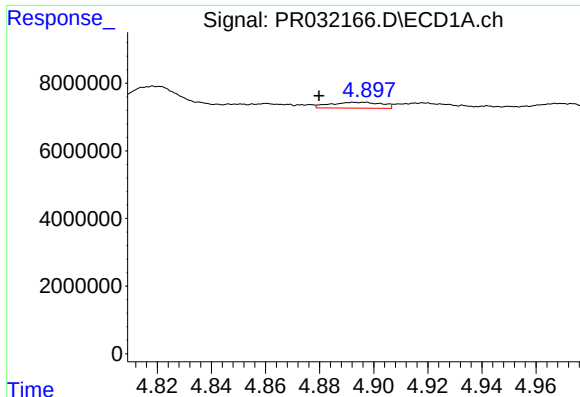
#9 AR-1221-2

R.T.: 4.819 min
Delta R.T.: 0.016 min
Response: 9212042
Conc: 45.05 ng/ml



#9 AR-1221-2

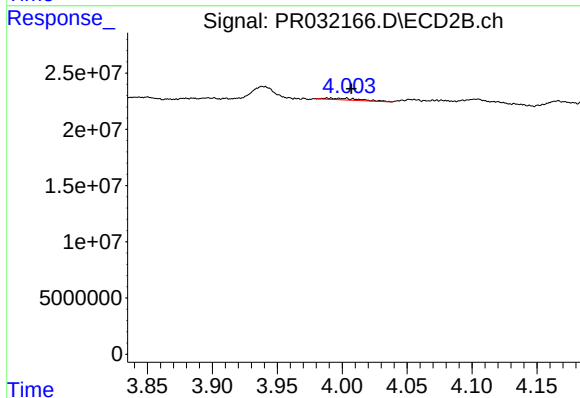
R.T.: 3.939 min
Delta R.T.: 0.005 min
Response: 11282936
Conc: 28.10 ng/ml



#10 AR-1221-3

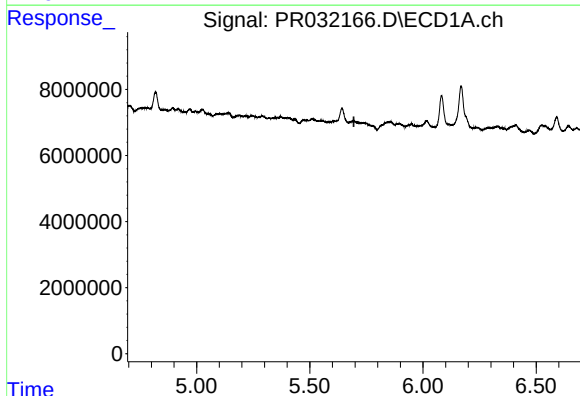
R.T.: 4.893 min
Delta R.T.: 0.013 min
Response: 2261699
Conc: 3.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



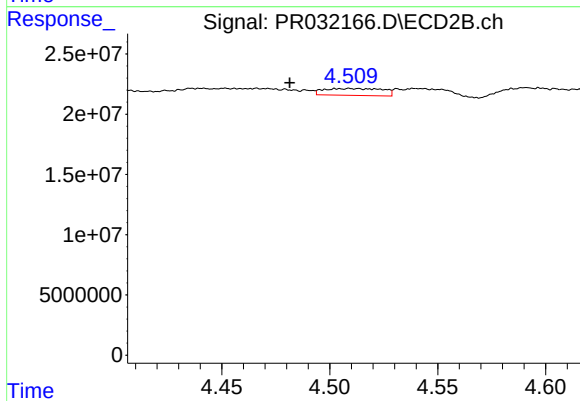
#10 AR-1221-3

R.T.: 3.989 min
Delta R.T.: -0.019 min
Response: 2763715
Conc: 2.21 ng/ml



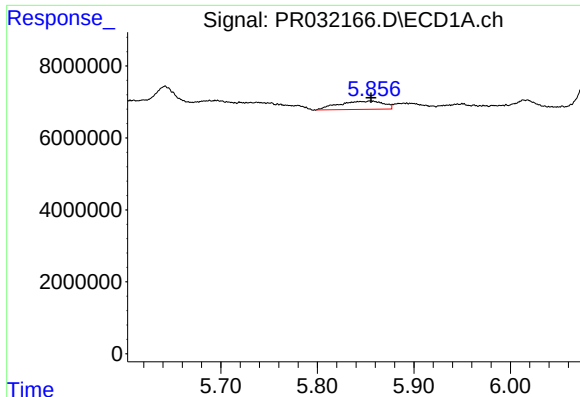
#11 AR-1232-1

R.T.: 5.689 min
Delta R.T.: -0.006 min
Response: -2214161
Conc: N.D.



#11 AR-1232-1

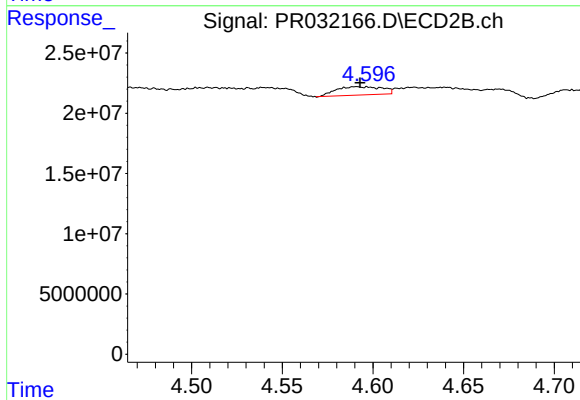
R.T.: 4.509 min
Delta R.T.: 0.028 min
Response: 10840444
Conc: 18.88 ng/ml



#12 AR-1232-2

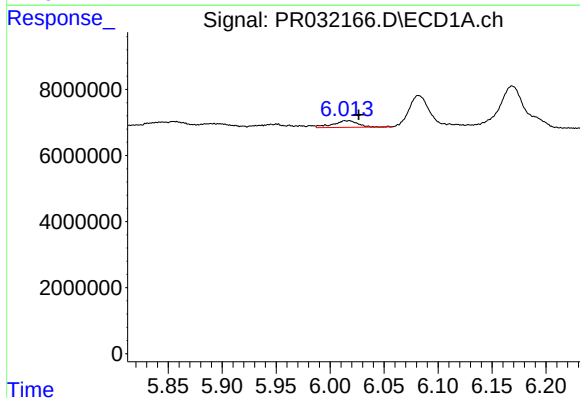
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 7462020
Conc: 30.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



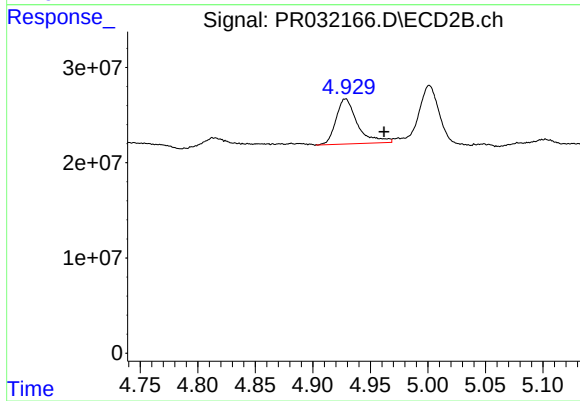
#12 AR-1232-2

R.T.: 4.591 min
Delta R.T.: -0.002 min
Response: 12284296
Conc: 63.81 ng/ml



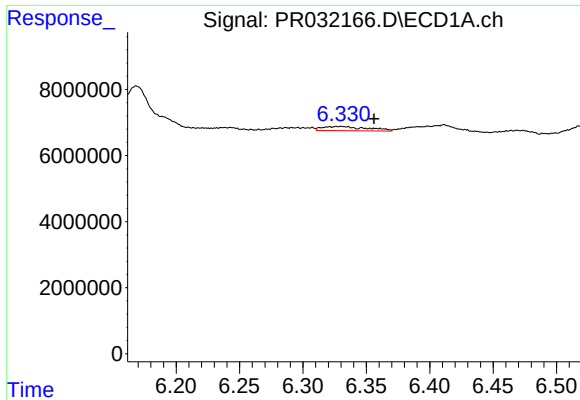
#13 AR-1232-3

R.T.: 6.014 min
Delta R.T.: -0.012 min
Response: 3227199
Conc: 28.58 ng/ml



#13 AR-1232-3

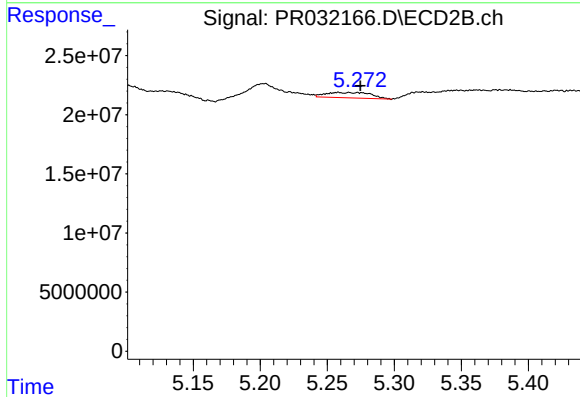
R.T.: 4.928 min
Delta R.T.: -0.034 min
Response: 61427422
Conc: 111.47 ng/ml



#14 AR-1232-4

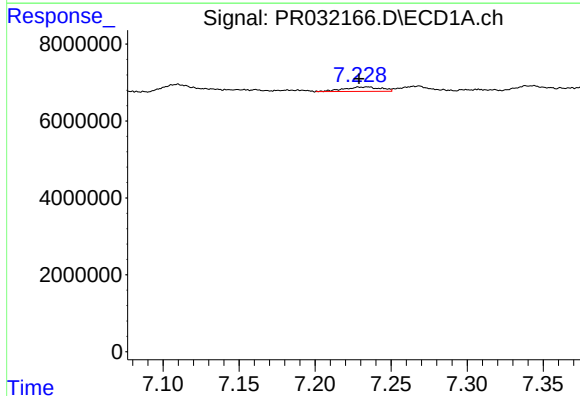
R.T.: 6.330 min
Delta R.T.: -0.026 min
Response: 3139027
Conc: 41.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



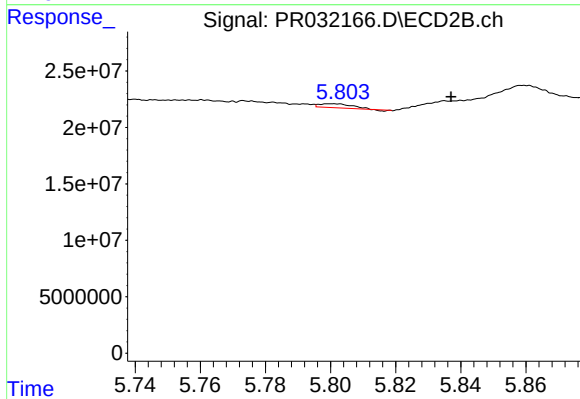
#14 AR-1232-4

R.T.: 5.258 min
Delta R.T.: -0.016 min
Response: 10444385
Conc: 14.85 ng/ml



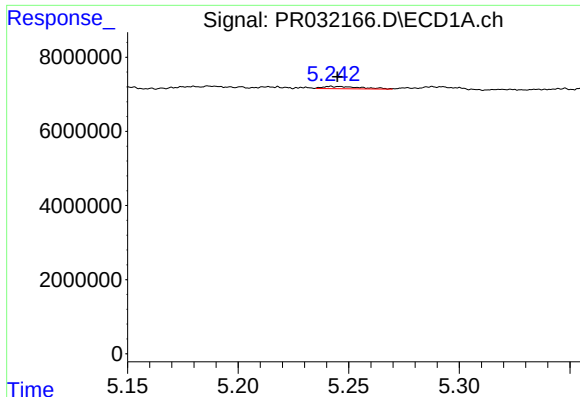
#15 AR-1232-5

R.T.: 7.235 min
Delta R.T.: 0.006 min
Response: 1932422
Conc: 29.64 ng/ml



#15 AR-1232-5

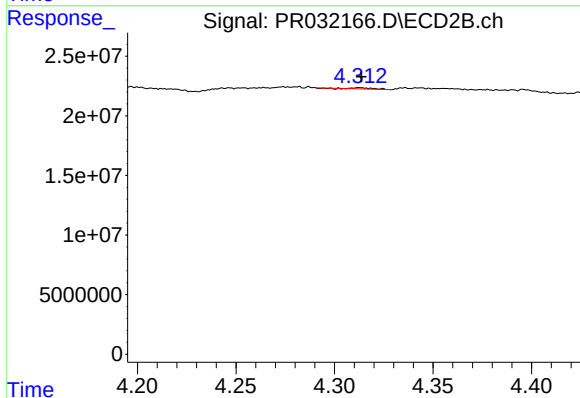
R.T.: 5.801 min
Delta R.T.: -0.036 min
Response: 2003855
Conc: 24.21 ng/ml



#16 AR-1242-1

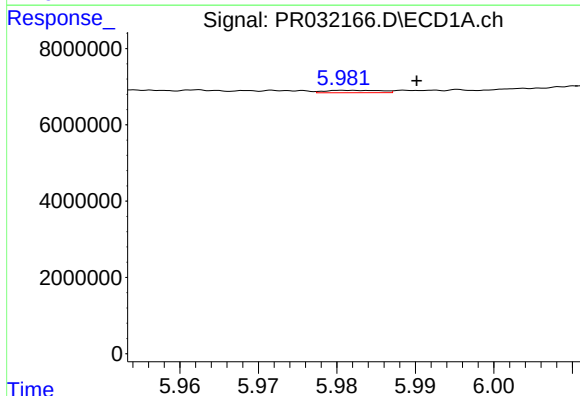
R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 760312
Conc: 3.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



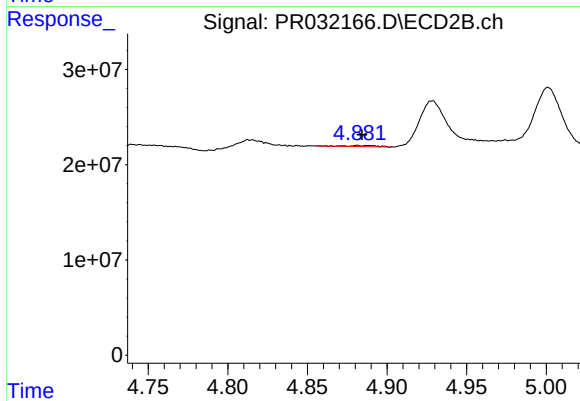
#16 AR-1242-1

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 766511
Conc: 1.42 ng/ml



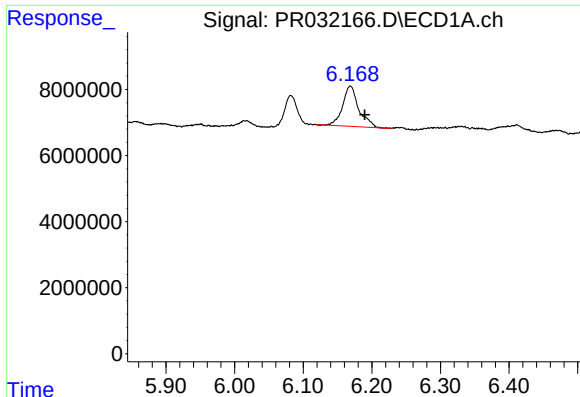
#17 AR-1242-2

R.T.: 5.982 min
Delta R.T.: -0.008 min
Response: 317618
Conc: 0.76 ng/ml



#17 AR-1242-2

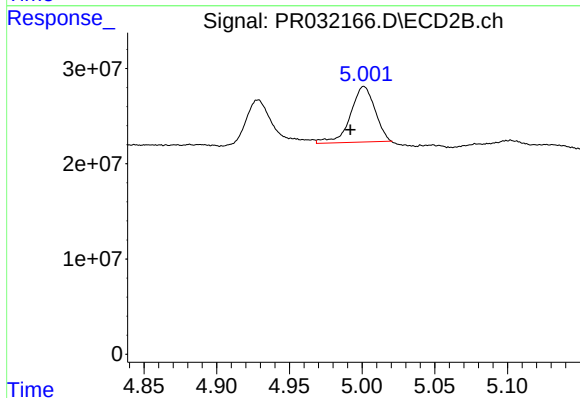
R.T.: 4.881 min
Delta R.T.: -0.003 min
Response: 1573203
Conc: 1.40 ng/ml



#18 AR-1242-3

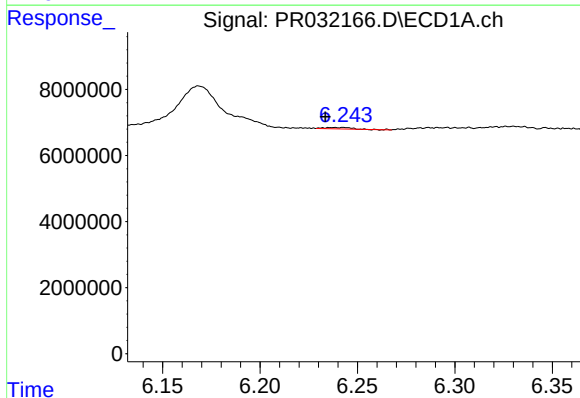
R.T.: 6.169 min
Delta R.T.: -0.021 min
Response: 19883131
Conc: 90.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



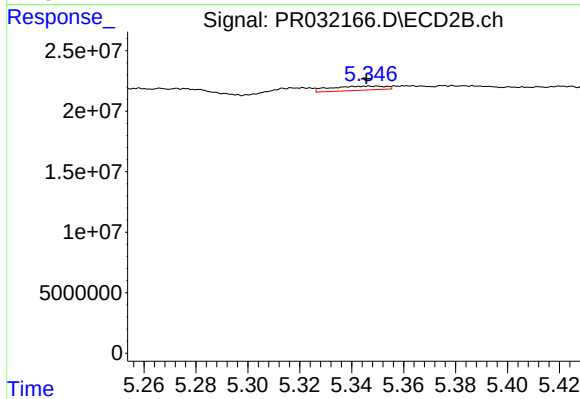
#18 AR-1242-3

R.T.: 5.001 min
Delta R.T.: 0.009 min
Response: 68654609
Conc: 172.81 ng/ml



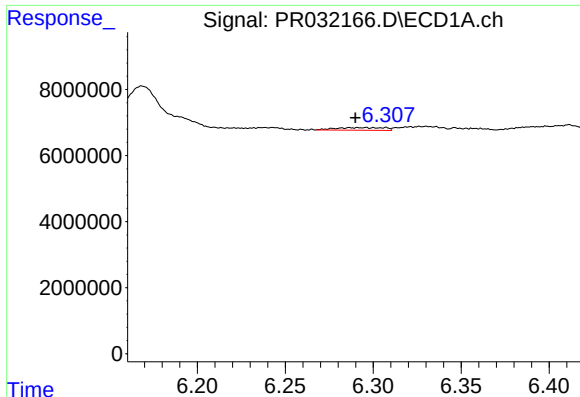
#19 AR-1242-4

R.T.: 6.243 min
Delta R.T.: 0.010 min
Response: 375248
Conc: 2.22 ng/ml



#19 AR-1242-4

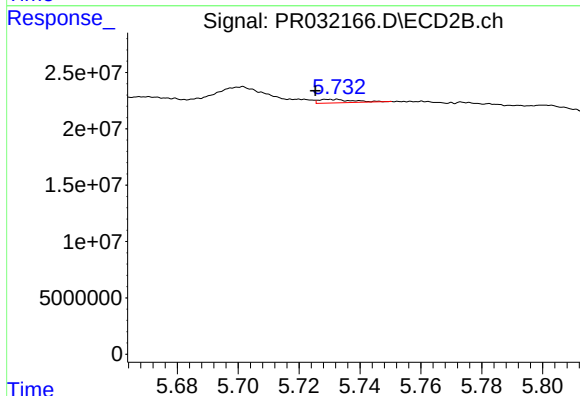
R.T.: 5.347 min
Delta R.T.: 0.002 min
Response: 5068039
Conc: 13.61 ng/ml



#20 AR-1242-5

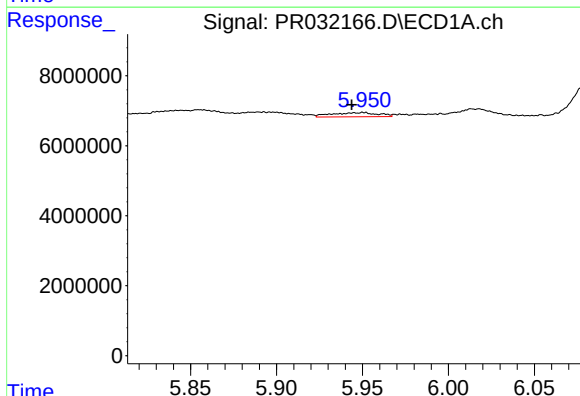
R.T.: 6.300 min
Delta R.T.: 0.010 min
Response: 1507888
Conc: 2.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



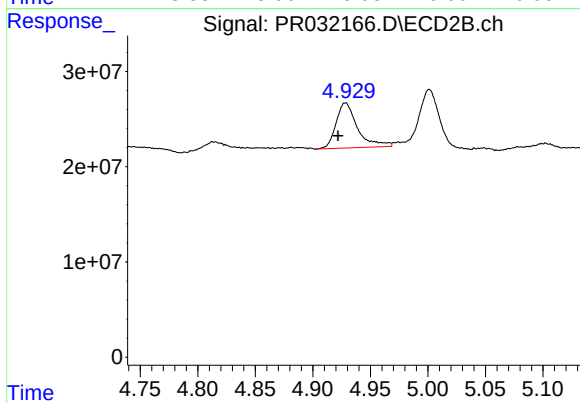
#20 AR-1242-5

R.T.: 5.730 min
Delta R.T.: 0.005 min
Response: 2661582
Conc: 3.18 ng/ml



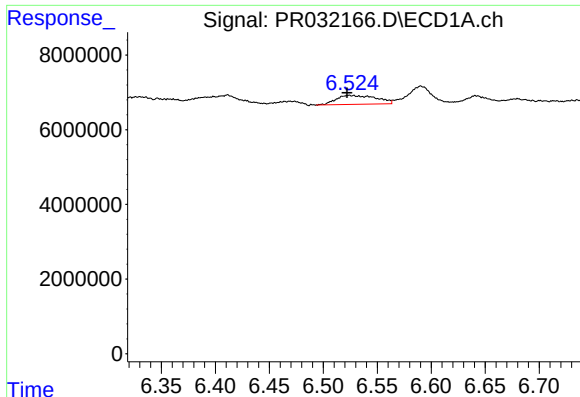
#21 AR-1248-1

R.T.: 5.951 min
Delta R.T.: 0.007 min
Response: 2256423
Conc: 1.80 ng/ml



#21 AR-1248-1

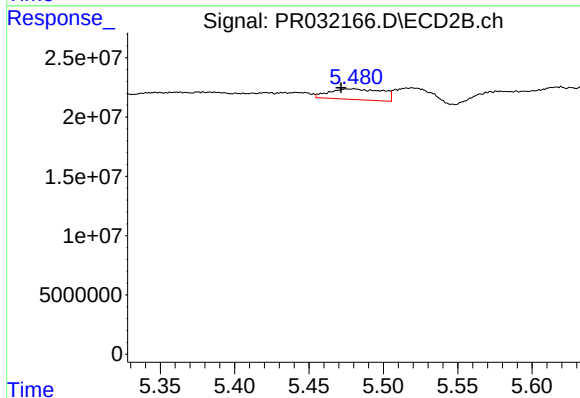
R.T.: 4.928 min
Delta R.T.: 0.007 min
Response: 61427422
Conc: 21.52 ng/ml



#22 AR-1248-2

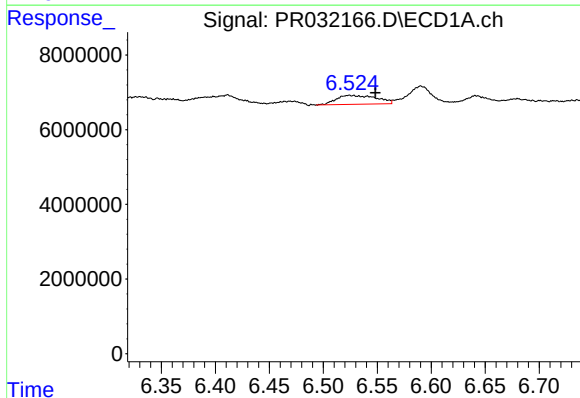
R.T.: 6.524 min
Delta R.T.: 0.002 min
Response: 6177342
Conc: 4.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



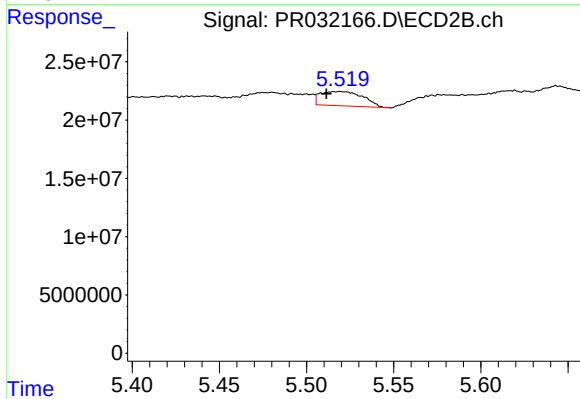
#22 AR-1248-2

R.T.: 5.480 min
Delta R.T.: 0.009 min
Response: 22274152
Conc: 3.90 ng/ml



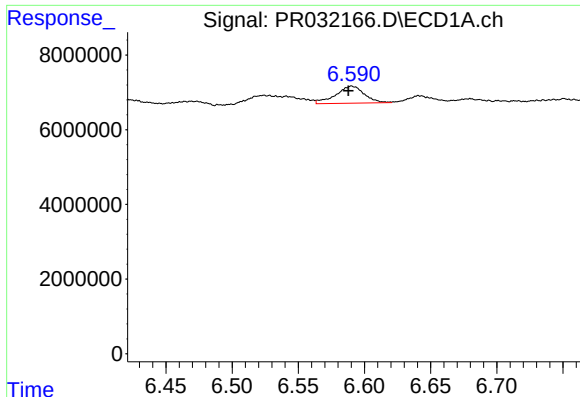
#23 AR-1248-3

R.T.: 6.524 min
Delta R.T.: -0.024 min
Response: 6177342
Conc: 3.48 ng/ml



#23 AR-1248-3

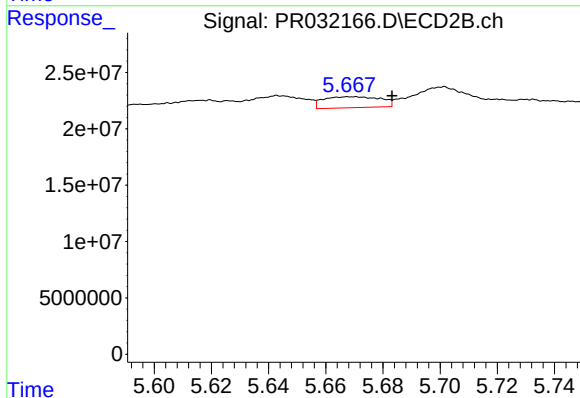
R.T.: 5.519 min
Delta R.T.: 0.008 min
Response: 20816862
Conc: 4.80 ng/ml



#24 AR-1248-4

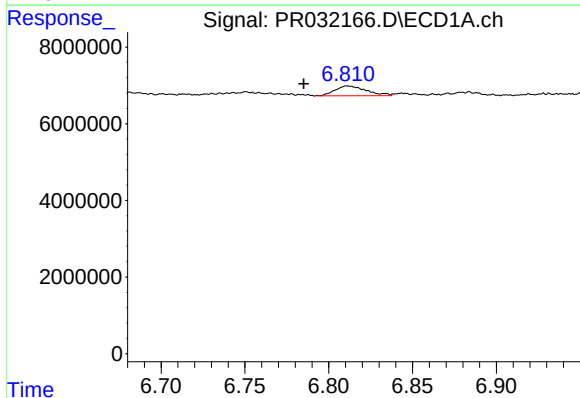
R.T.: 6.590 min
Delta R.T.: 0.003 min
Response: 6805581
Conc: 4.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



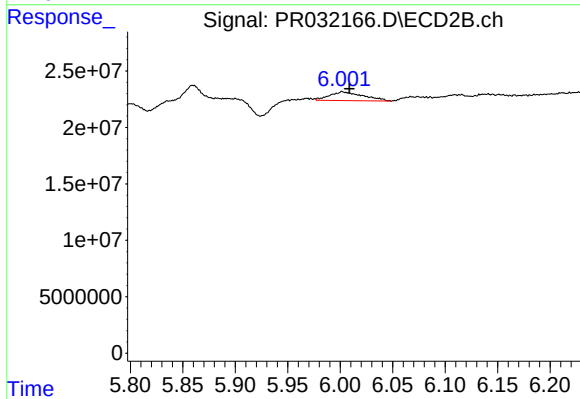
#24 AR-1248-4

R.T.: 5.669 min
Delta R.T.: -0.014 min
Response: 13570758
Conc: 3.43 ng/ml



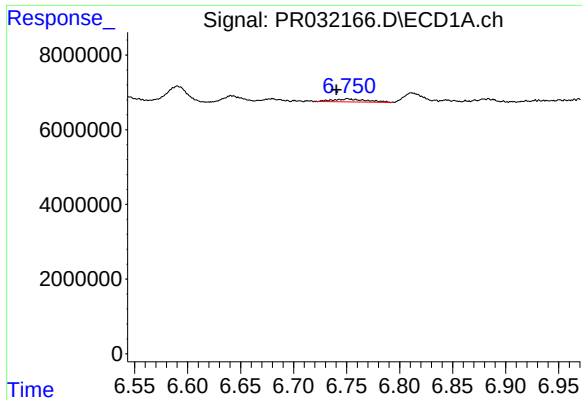
#25 AR-1248-5

R.T.: 6.812 min
Delta R.T.: 0.026 min
Response: 3331688
Conc: 2.98 ng/ml



#25 AR-1248-5

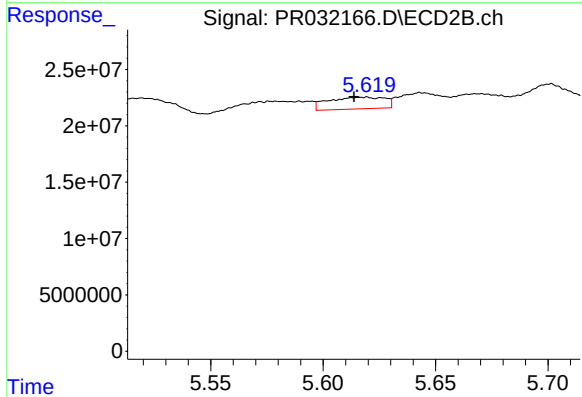
R.T.: 6.002 min
Delta R.T.: -0.007 min
Response: 17310489
Conc: 6.84 ng/ml



#26 AR-1254-1

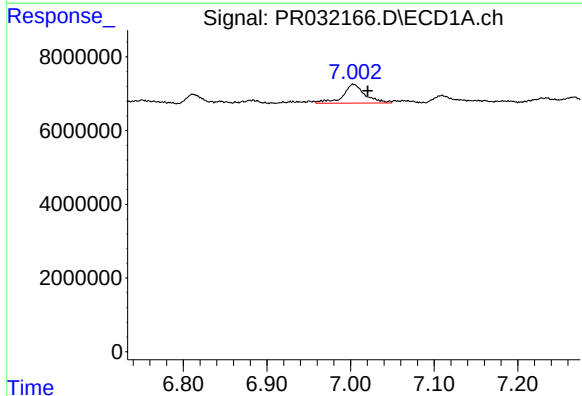
R.T.: 6.751 min
Delta R.T.: 0.011 min
Response: 1744537
Conc: 1.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



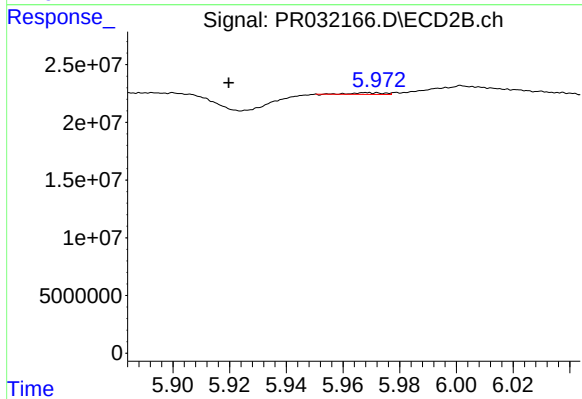
#26 AR-1254-1

R.T.: 5.618 min
Delta R.T.: 0.005 min
Response: 18085381
Conc: 5.78 ng/ml



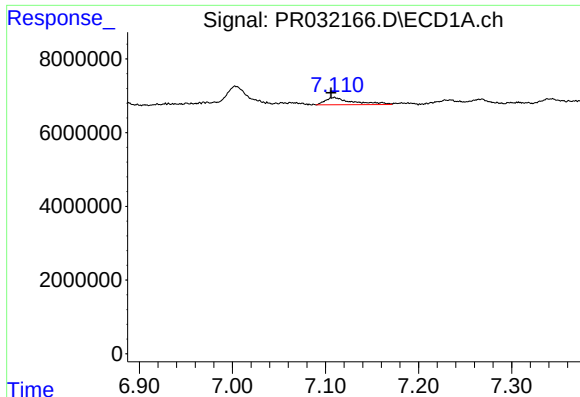
#27 AR-1254-2

R.T.: 7.003 min
Delta R.T.: -0.017 min
Response: 9465892
Conc: 9.62 ng/ml



#27 AR-1254-2

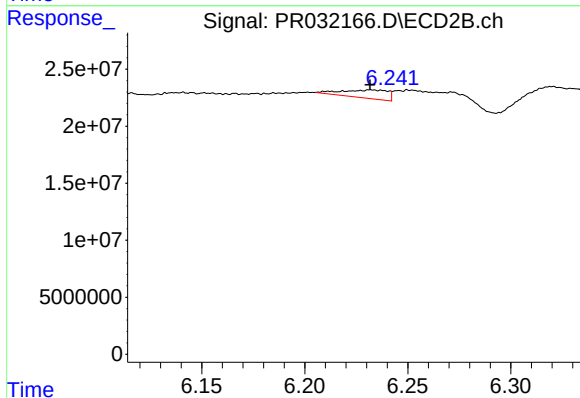
R.T.: 5.968 min
Delta R.T.: 0.049 min
Response: 1194850
Conc: 0.77 ng/ml



#28 AR-1254-3

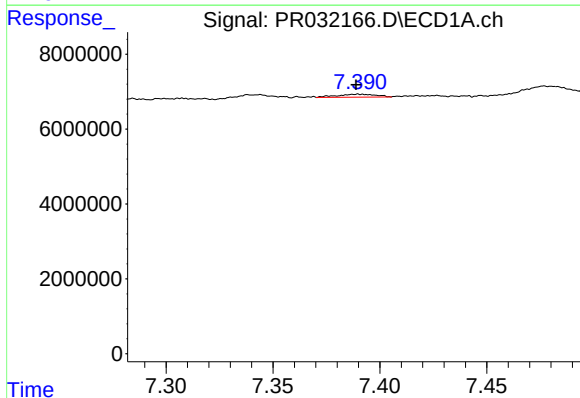
R.T.: 7.110 min
Delta R.T.: 0.004 min
Response: 4064182
Conc: 2.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



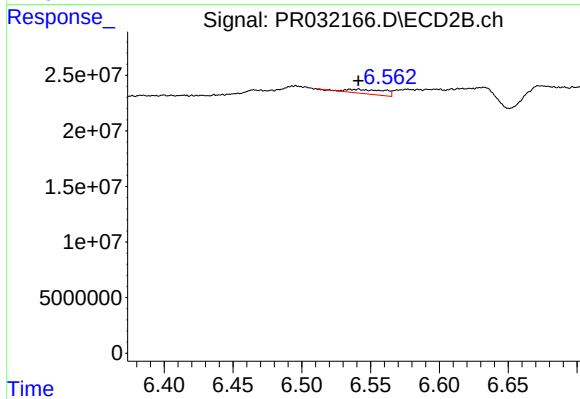
#28 AR-1254-3

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 11029990
Conc: 3.42 ng/ml



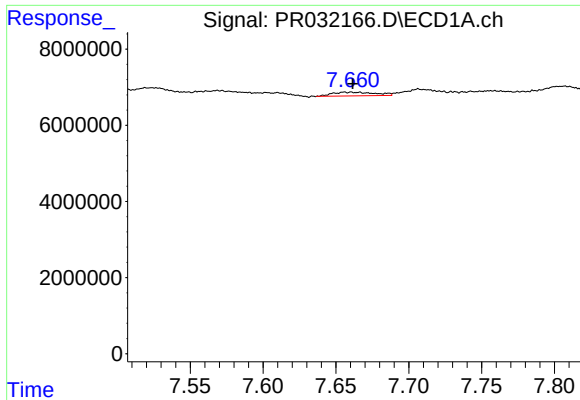
#29 AR-1254-4

R.T.: 7.390 min
Delta R.T.: 0.001 min
Response: 975013
Conc: 0.69 ng/ml



#29 AR-1254-4

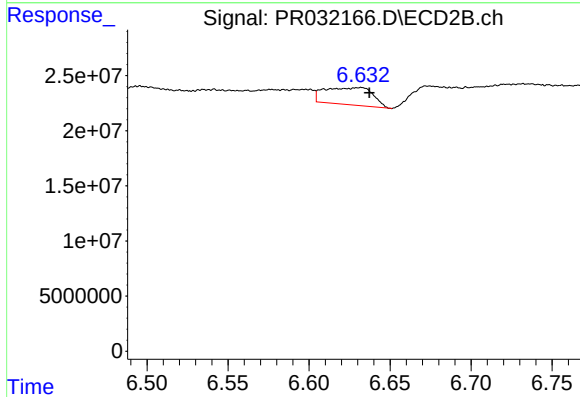
R.T.: 6.535 min
Delta R.T.: -0.006 min
Response: 7207374
Conc: 3.83 ng/ml



#30 AR-1254-5

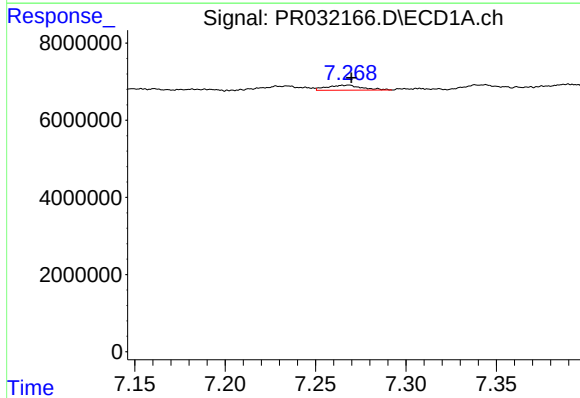
R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 2010326
Conc: 2.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



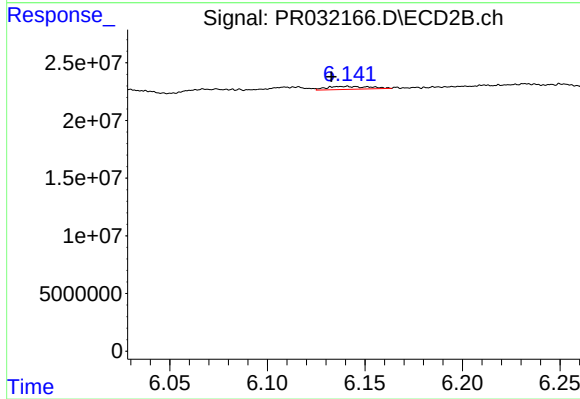
#30 AR-1254-5

R.T.: 6.632 min
Delta R.T.: -0.005 min
Response: 32285718
Conc: 14.66 ng/ml



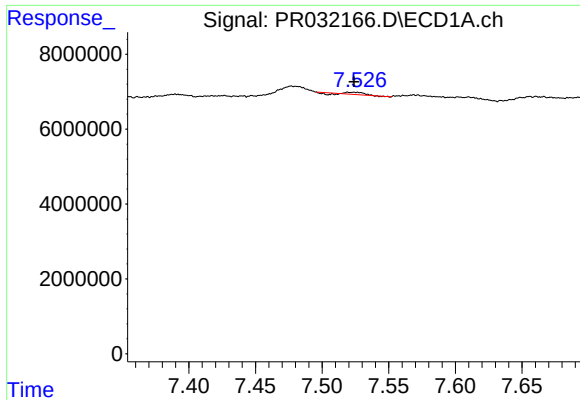
#31 AR-1260-1

R.T.: 7.268 min
Delta R.T.: -0.002 min
Response: 1748649
Conc: 1.34 ng/ml



#31 AR-1260-1

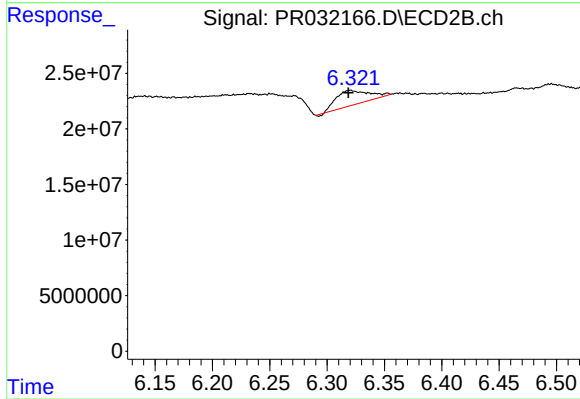
R.T.: 6.140 min
Delta R.T.: 0.008 min
Response: 3851287
Conc: 1.16 ng/ml



#32 AR-1260-2

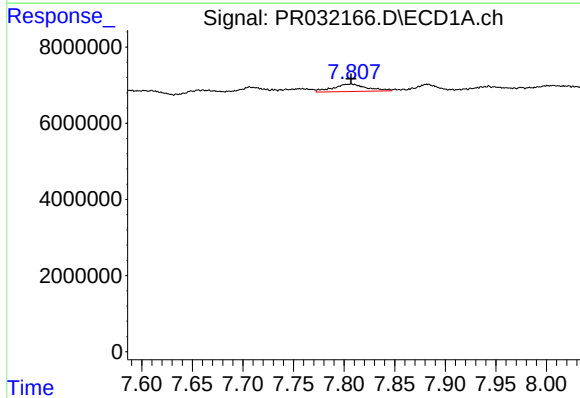
R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 214498
Conc: 0.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



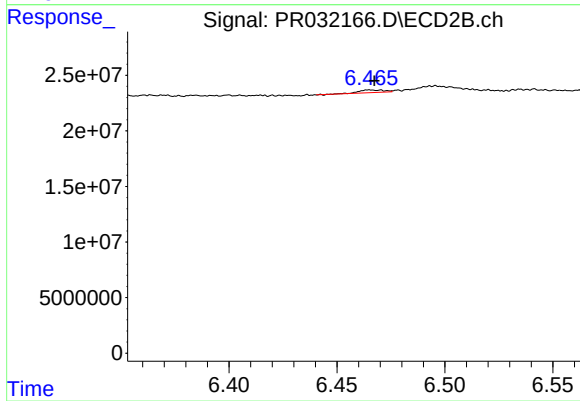
#32 AR-1260-2

R.T.: 6.320 min
Delta R.T.: 0.001 min
Response: 28175504
Conc: 6.89 ng/ml



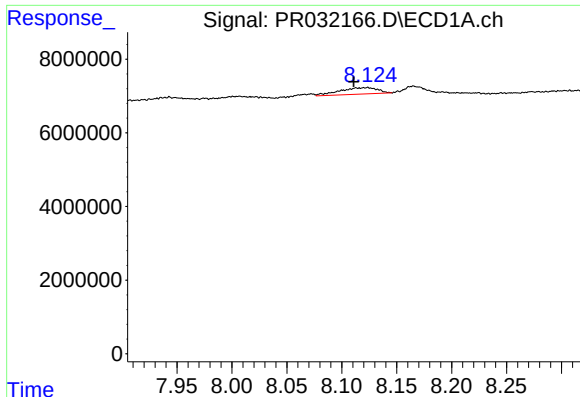
#33 AR-1260-3

R.T.: 7.807 min
Delta R.T.: 0.000 min
Response: 4510293
Conc: 2.35 ng/ml



#33 AR-1260-3

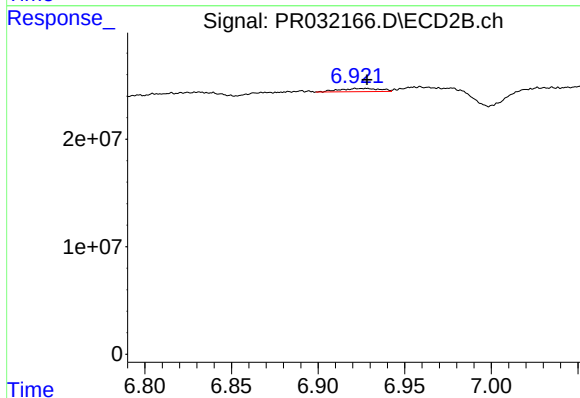
R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 1920371
Conc: 0.59 ng/ml



#34 AR-1260-4

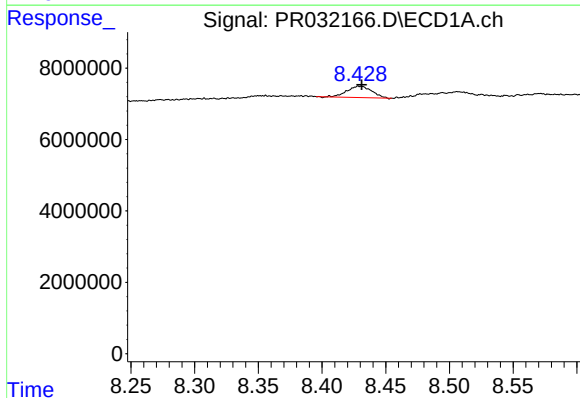
R.T.: 8.123 min
Delta R.T.: 0.012 min
Response: 4148396
Conc: 3.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



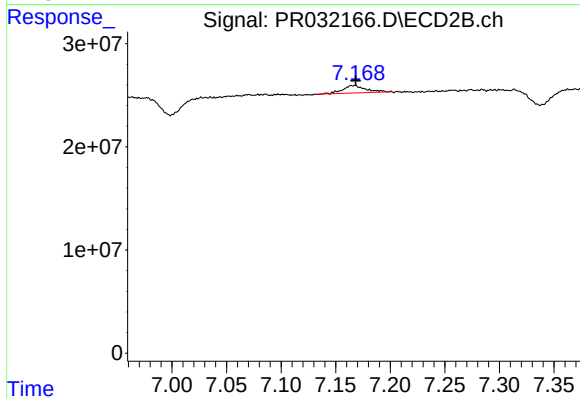
#34 AR-1260-4

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 4977490
Conc: 2.48 ng/ml



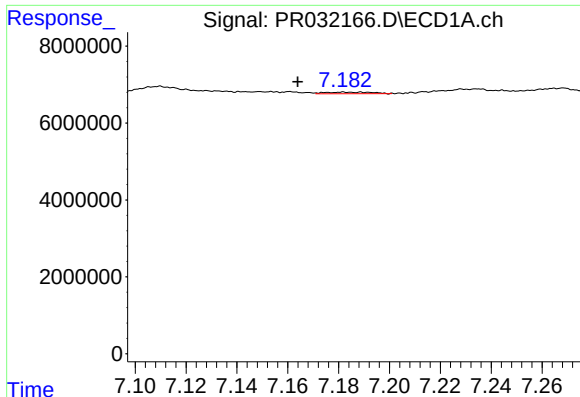
#35 AR-1260-5

R.T.: 8.429 min
Delta R.T.: -0.002 min
Response: 4261517
Conc: 1.39 ng/ml



#35 AR-1260-5

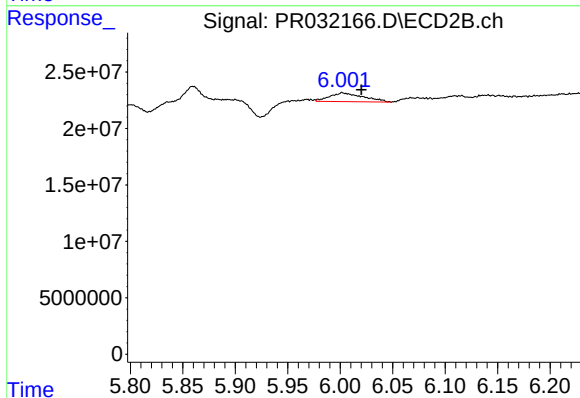
R.T.: 7.167 min
Delta R.T.: -0.002 min
Response: 10940061
Conc: 2.68 ng/ml



#36 AR-1262-1

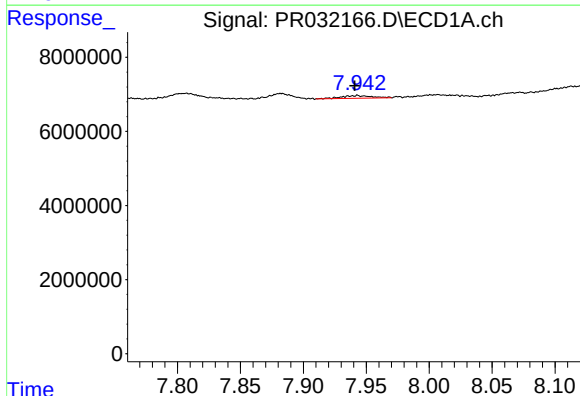
R.T.: 7.182 min
Delta R.T.: 0.018 min
Response: 524549
Conc: 0.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



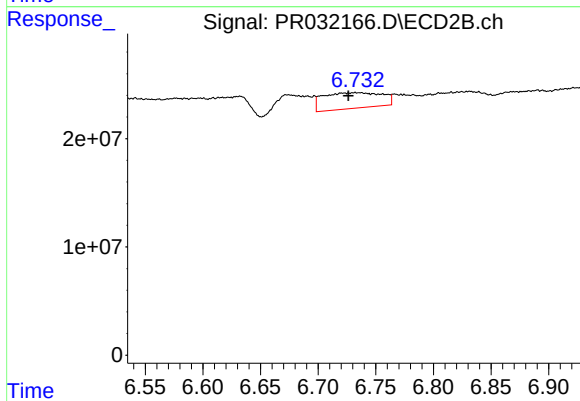
#36 AR-1262-1

R.T.: 6.002 min
Delta R.T.: -0.018 min
Response: 17310489
Conc: 10.01 ng/ml



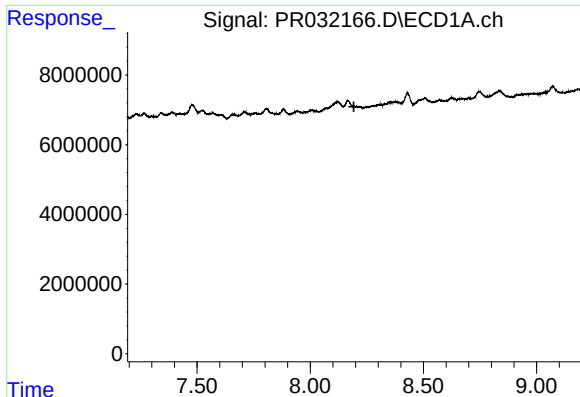
#37 AR-1262-2

R.T.: 7.943 min
Delta R.T.: 0.002 min
Response: 1217230
Conc: 1.72 ng/ml



#37 AR-1262-2

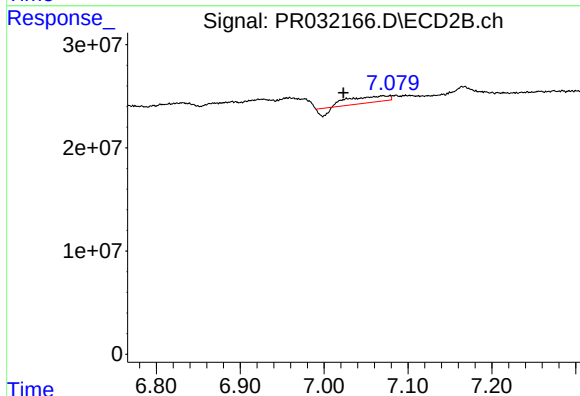
R.T.: 6.732 min
Delta R.T.: 0.006 min
Response: 51521234
Conc: 36.24 ng/ml



#38 AR-1262-3

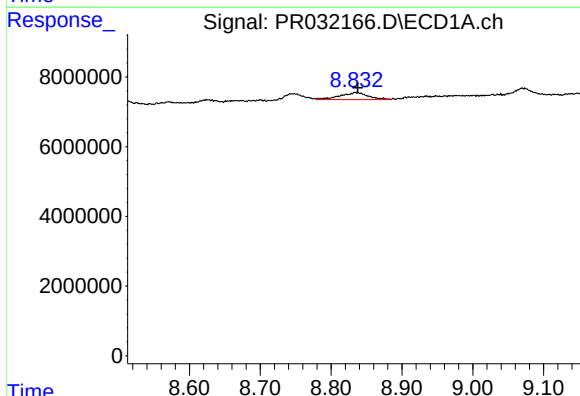
R.T.: 8.205 min
Delta R.T.: 0.013 min
Response: -73547
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



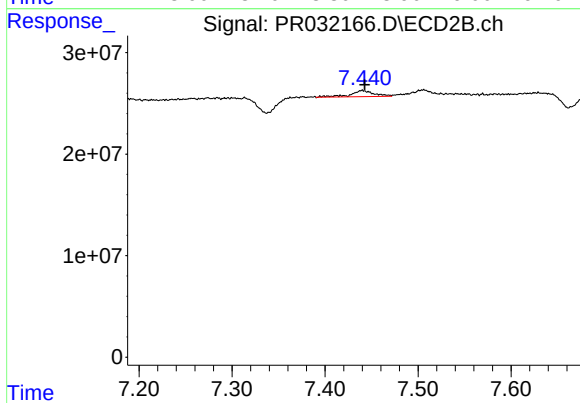
#38 AR-1262-3

R.T.: 7.070 min
Delta R.T.: 0.047 min
Response: 15502799
Conc: 15.24 ng/ml



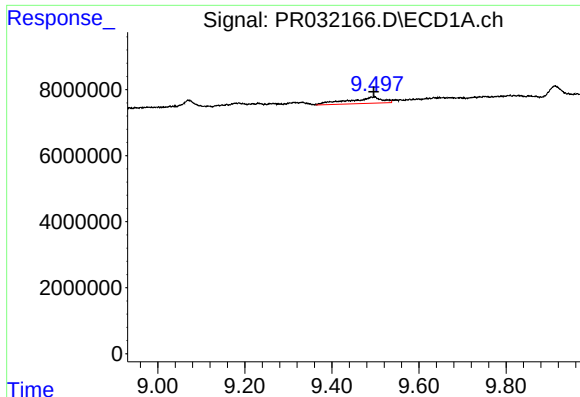
#39 AR-1262-4

R.T.: 8.836 min
Delta R.T.: -0.002 min
Response: 5606380
Conc: 3.09 ng/ml



#39 AR-1262-4

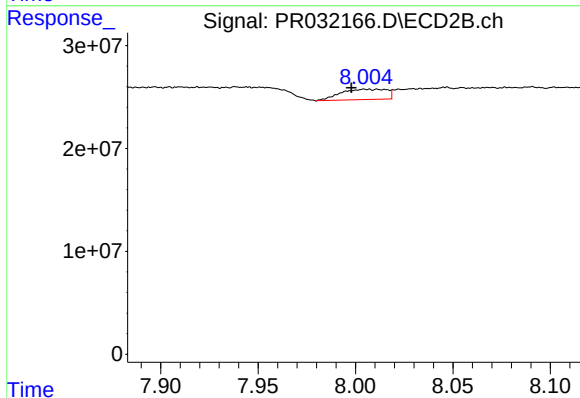
R.T.: 7.440 min
Delta R.T.: -0.002 min
Response: 10435610
Conc: 6.17 ng/ml



#40 AR-1262-5

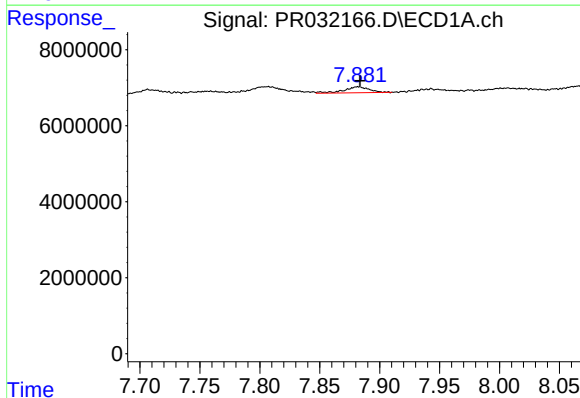
R.T.: 9.497 min
Delta R.T.: 0.000 min
Response: 10136565
Conc: 7.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



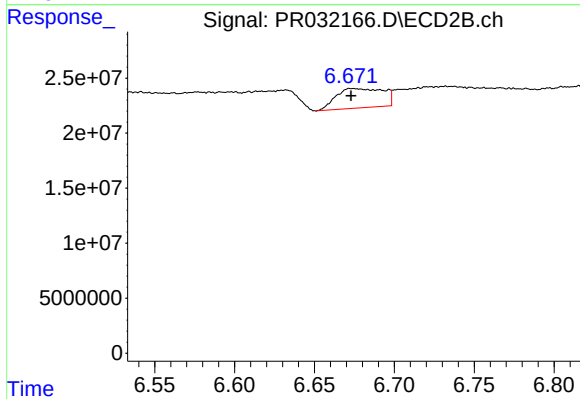
#40 AR-1262-5

R.T.: 8.005 min
Delta R.T.: 0.007 min
Response: 16489729
Conc: 15.64 ng/ml



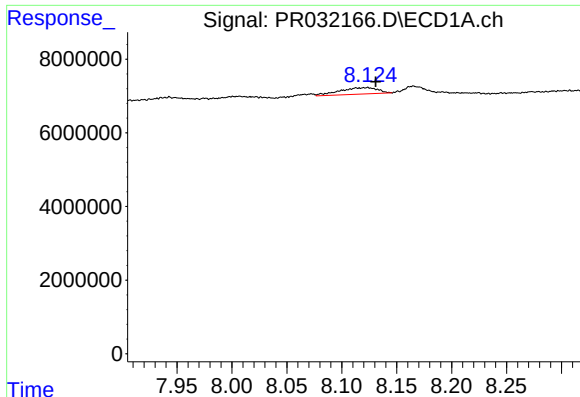
#41 AR-1268-1

R.T.: 7.882 min
Delta R.T.: -0.001 min
Response: 2318994
Conc: 3.27 ng/ml



#41 AR-1268-1

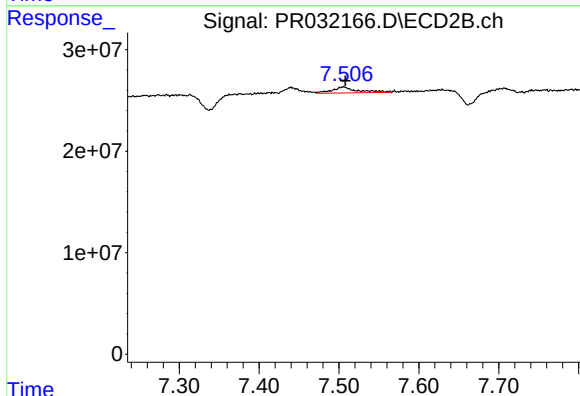
R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 36292915
Conc: 25.91 ng/ml



#42 AR-1268-2

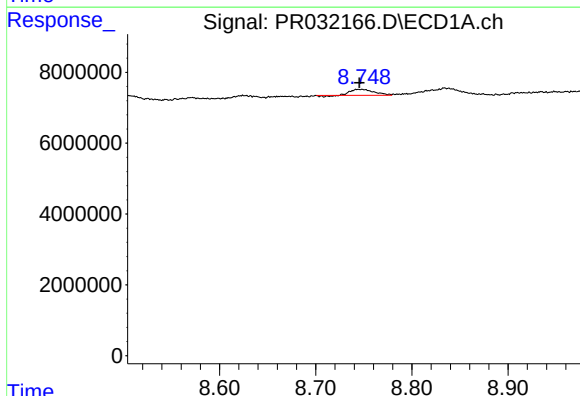
R.T.: 8.123 min
Delta R.T.: -0.008 min
Response: 4148396
Conc: 4.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



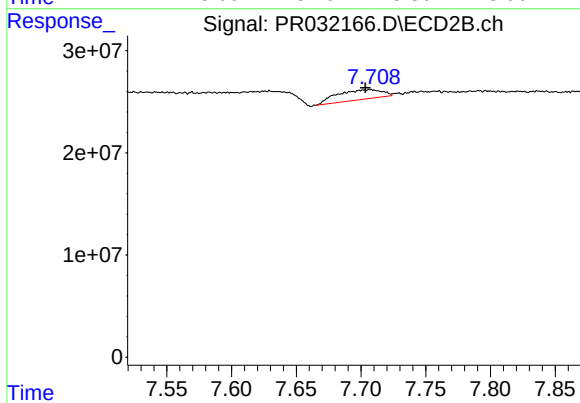
#42 AR-1268-2

R.T.: 7.506 min
Delta R.T.: -0.002 min
Response: 13053977
Conc: 2.18 ng/ml



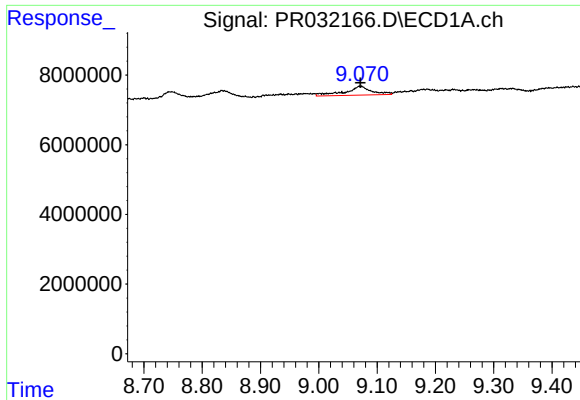
#43 AR-1268-3

R.T.: 8.746 min
Delta R.T.: 0.000 min
Response: 2808674
Conc: 0.66 ng/ml



#43 AR-1268-3

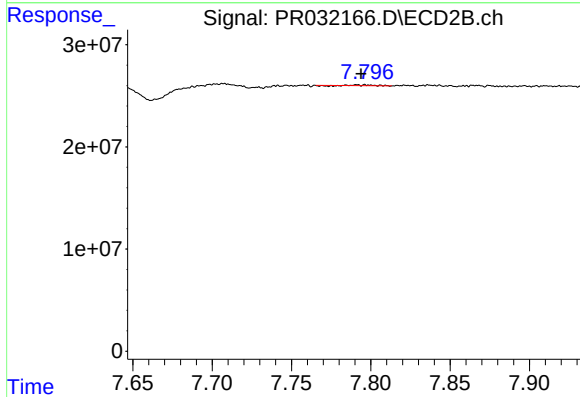
R.T.: 7.707 min
Delta R.T.: 0.004 min
Response: 22802038
Conc: 8.11 ng/ml



#44 AR-1268-4

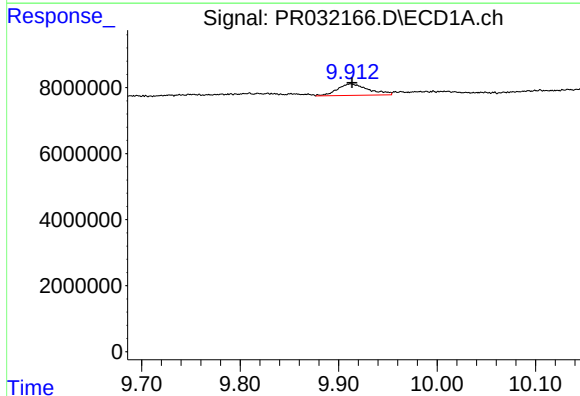
R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 8096175
Conc: 2.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



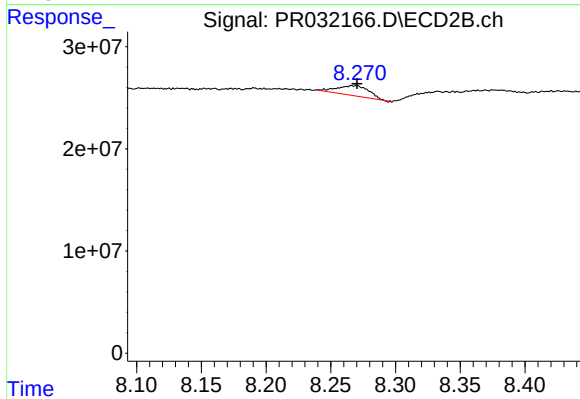
#44 AR-1268-4

R.T.: 7.791 min
Delta R.T.: -0.003 min
Response: 421734
Conc: 0.53 ng/ml



#45 AR-1268-5

R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 7684709
Conc: 0.75 ng/ml



#45 AR-1268-5

R.T.: 8.267 min
Delta R.T.: -0.003 min
Response: 16687370
Conc: 2.31 ng/ml