

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091118\
 Data File : PR031964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2018 10:16
 Operator : SM\SJ
 Sample : J4829-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 10:28:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 07 03:46:12 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...	4.524	3.656	643.2E6	1206.6E6	32.809	32.726
2)	SA Decachlor...	10.268	8.514	774.1E6	628.9E6	24.067	24.020
Target Compounds							
3)	L1 AR-1016-1	5.163	0.000	1646053	0	3.061	N.D. #
4)	L1 AR-1016-2	5.478	4.702	2654735	7770901	4.694	4.557
5)	L1 AR-1016-3	5.744	4.721	3451566	5893046	3.910	2.032 #
6)	L1 AR-1016-4	5.744	4.777	3451566	1142060	4.407	0.615 #
7)	L1 AR-1016-5	6.094	5.140	2123525	2943776	3.170	1.705 #
8)	L2 AR-1221-1	0.000	3.853	0	5371302	N.D.	13.162 #
9)	L2 AR-1221-2	4.826	3.949	7713100	15597021	43.418	49.976
10)	L2 AR-1221-3	4.826	3.949	7713100	15597021	13.900	15.111
11)	L3 AR-1232-1	5.744	4.453	3451566	12217991	6.578	21.898 #
12)	L3 AR-1232-2	0.000	4.597	0	4626121	N.D.	24.505 #
13)	L3 AR-1232-3	6.033	4.970	3273741	6361688	41.684	10.955 #
14)	L3 AR-1232-4	6.302	5.328	1040202	2011083	12.666	2.756 #
15)	L3 AR-1232-5	7.278	5.871	19495168	28295020	358.367	255.241 #
17)	L4 AR-1242-2	5.983	4.888	4251743	1121086	8.664	0.922 #
18)	L4 AR-1242-3	0.000	4.970	0	6361688	N.D.	14.724 #
19)	L4 AR-1242-4	6.302	5.356	1040202	3013544	5.801	7.300 #
20)	L4 AR-1242-5	6.302	5.742	1040202	22903807	1.650	24.463 #
21)	L5 AR-1248-1	5.951	4.934	1845860	11972564	2.297	6.823 #
22)	L5 AR-1248-2	6.530	5.483	39786578	17576514	46.994	4.797 #
23)	L5 AR-1248-3	6.530	5.519	39786578	3724578	34.861	1.424 #
24)	L5 AR-1248-4	6.595	5.687	3812838	55098458	3.539	20.632 #
25)	L5 AR-1248-5	6.816	6.021	15834071	27514229	21.862	16.316 #
26)	L6 AR-1254-1	6.751	5.625	10085904	13453185	5.193	3.538 #
27)	L6 AR-1254-2	7.014	5.933	11018095	4311447	9.038	1.460 #
28)	L6 AR-1254-3	7.117	6.244	24003176	17672056	10.955	3.950 #
29)	L6 AR-1254-4	7.397	6.551	20366431	9005738	11.689	4.239 #
30)	L6 AR-1254-5	7.664	6.649	8192685	37394231	6.306	9.822 #
31)	L7 AR-1260-1	7.278	6.145	19495168	19147971	12.507	5.190 #
32)	L7 AR-1260-2	7.532	6.331	18536827	34015131	9.309	7.591
33)	L7 AR-1260-3	7.816	6.478	19192349	12661619	8.242	3.595 #
34)	L7 AR-1260-4	8.114	6.938	12464542	13750472	7.475	6.688
35)	L7 AR-1260-5	8.441	7.178	15144680	45999205	4.037	10.537 #
36)	L8 AR-1262-1	7.117	6.021	24003176	27514229	28.357	13.752 #
37)	L8 AR-1262-2	7.953	6.737	5892239	10219250	6.919	6.794
38)	L8 AR-1262-3	8.198	6.982	3654695	6963578	4.853	5.704
39)	L8 AR-1262-4	8.850	7.454	10791444	13086281	5.077	7.814 #
40)	L8 AR-1262-5	9.508	8.004	10677781	10298791	6.990	8.136
41)	L9 AR-1268-1	7.892	6.682	9501922	14042421	10.416	8.604
42)	L9 AR-1268-2	8.114	7.507	12464542	22555340	9.916	5.615 #

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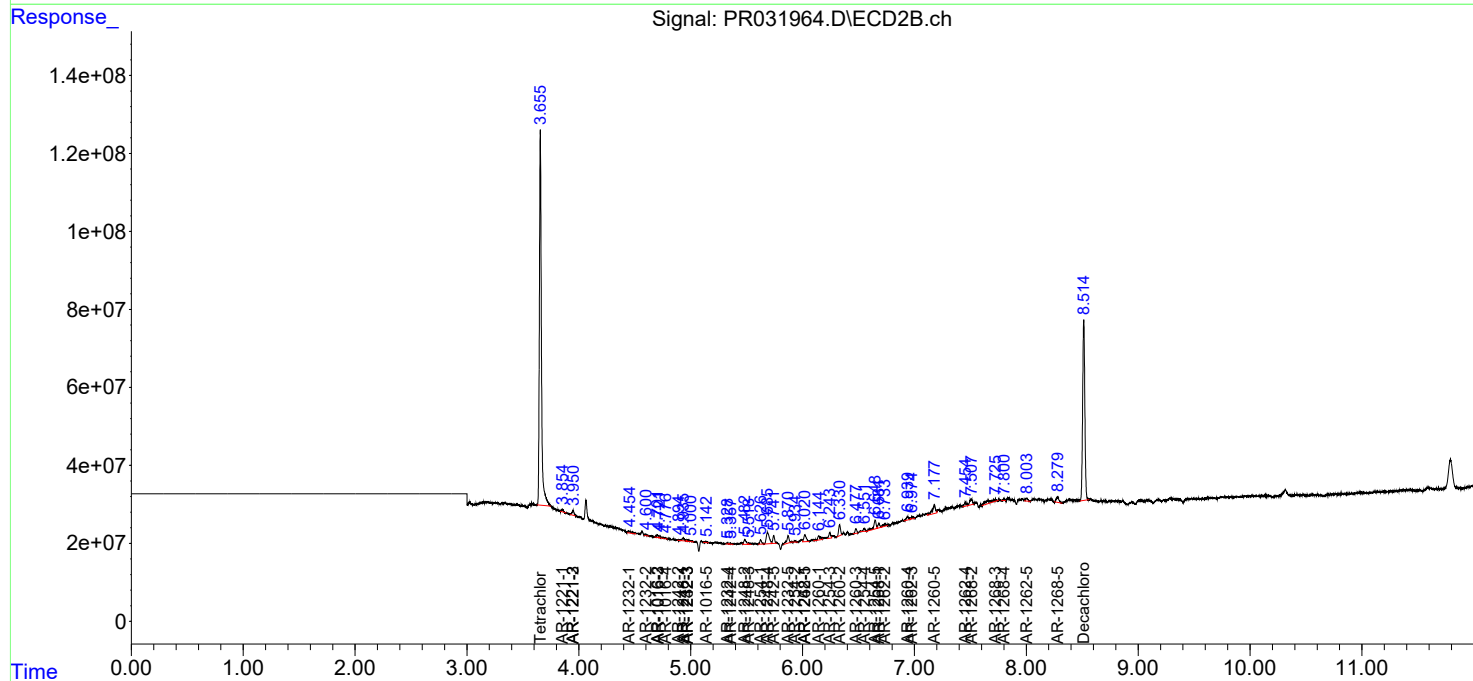
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

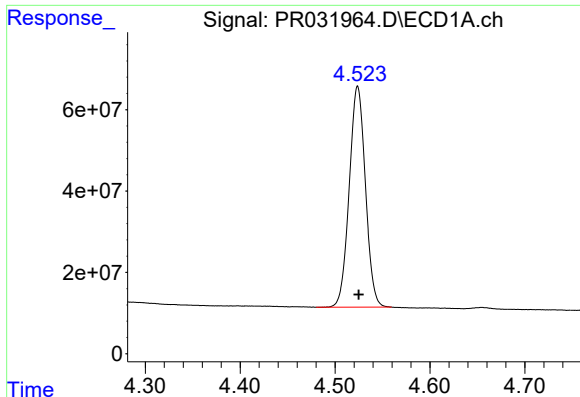
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.760	7.723	9051849	36477160	1.631	10.586 #
44) L9	AR-1268-4	9.083	7.802	3634024	3372755	0.823	3.403 #
45) L9	AR-1268-5	9.927	8.279	15411333	23458231	1.266	2.459 #

(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

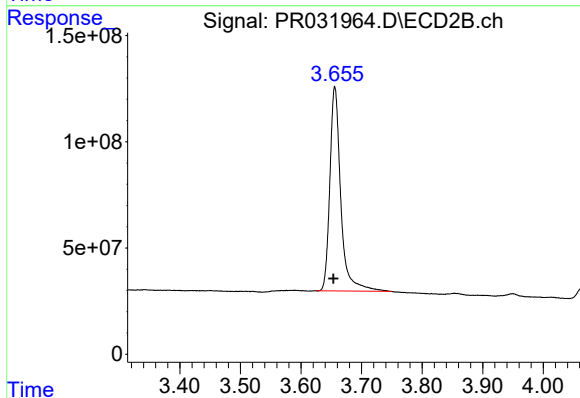




#1 Tetrachloro-m-xylene

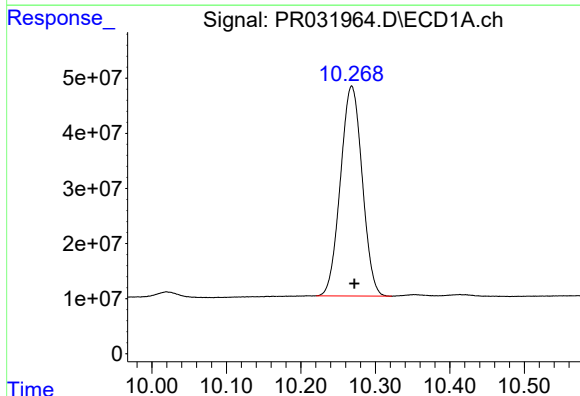
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 643217680
Conc: 32.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



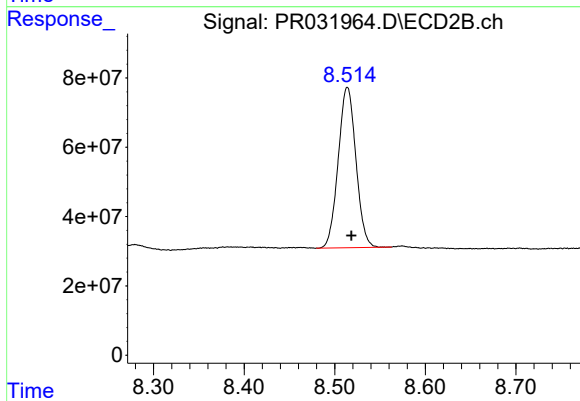
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.003 min
Response: 1206579924
Conc: 32.73 ng/ml



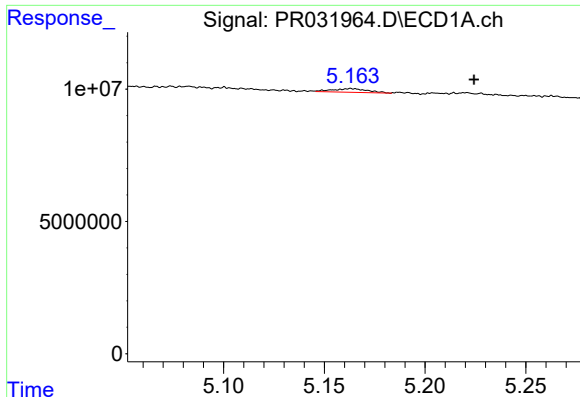
#2 Decachlorobiphenyl

R.T.: 10.268 min
Delta R.T.: -0.004 min
Response: 774110366
Conc: 24.07 ng/ml



#2 Decachlorobiphenyl

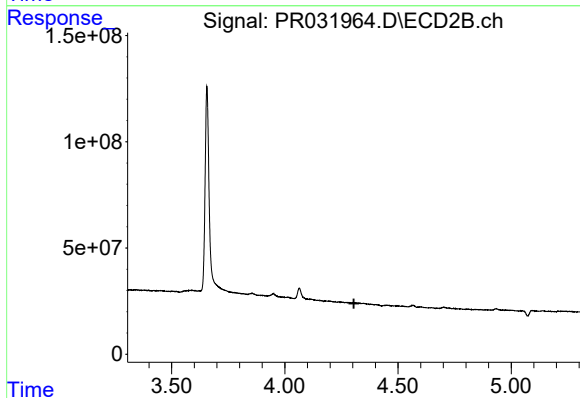
R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 628857147
Conc: 24.02 ng/ml



#3 AR-1016-1

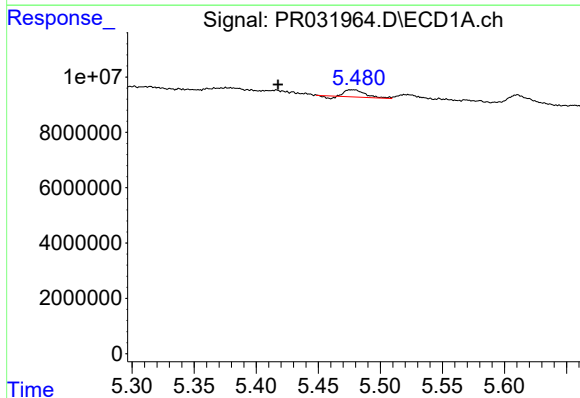
R.T.: 5.163 min
Delta R.T.: -0.061 min
Response: 1646053
Conc: 3.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



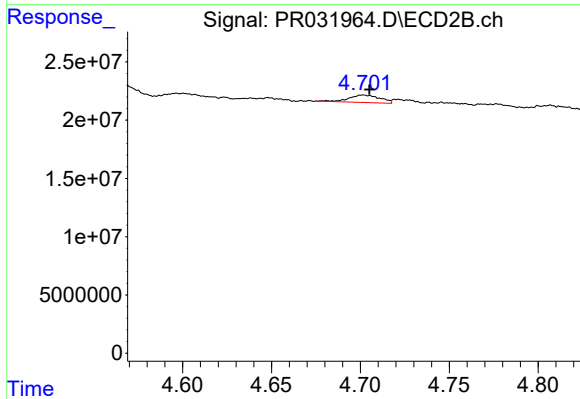
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.305 min
Response: 0
Conc: N.D.



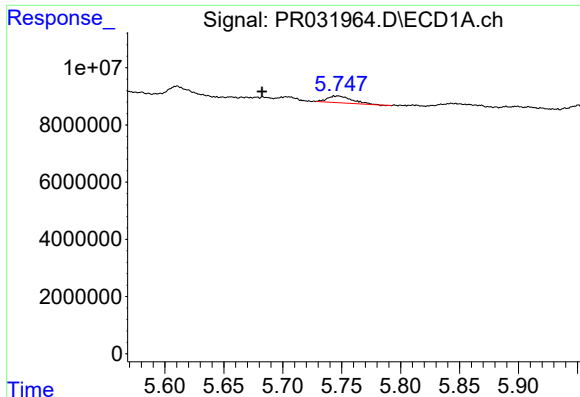
#4 AR-1016-2

R.T.: 5.478 min
Delta R.T.: 0.060 min
Response: 2654735
Conc: 4.69 ng/ml



#4 AR-1016-2

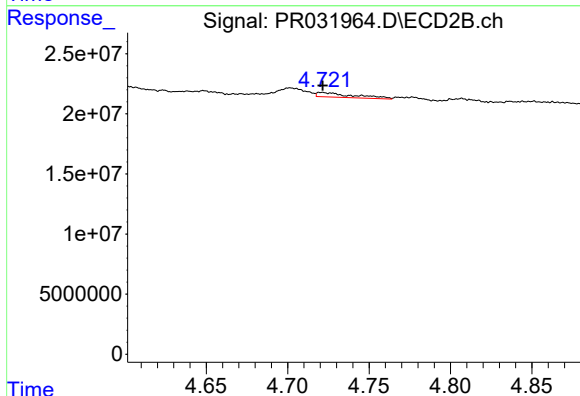
R.T.: 4.702 min
Delta R.T.: -0.004 min
Response: 7770901
Conc: 4.56 ng/ml



#5 AR-1016-3

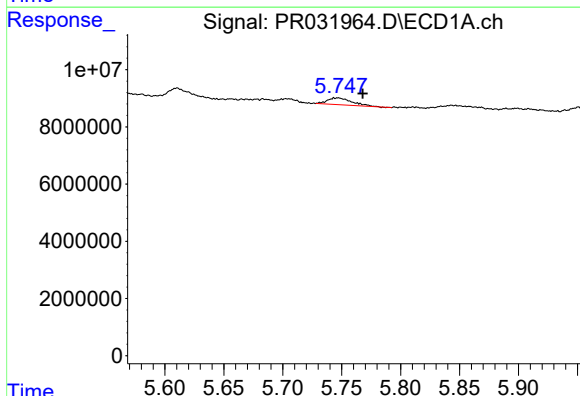
R.T.: 5.744 min
Delta R.T.: 0.061 min
Response: 3451566
Conc: 3.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



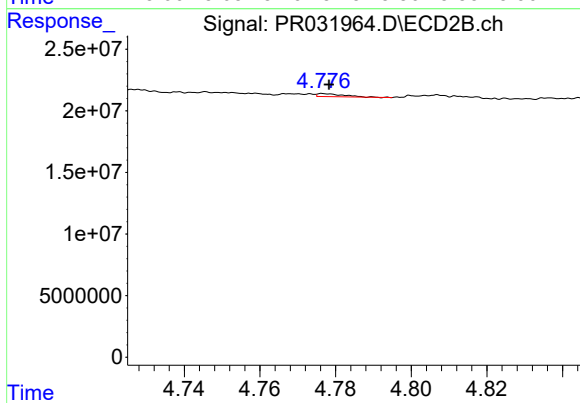
#5 AR-1016-3

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 5893046
Conc: 2.03 ng/ml



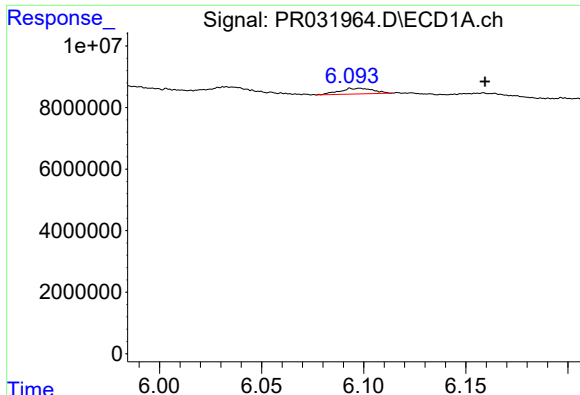
#6 AR-1016-4

R.T.: 5.744 min
Delta R.T.: -0.024 min
Response: 3451566
Conc: 4.41 ng/ml



#6 AR-1016-4

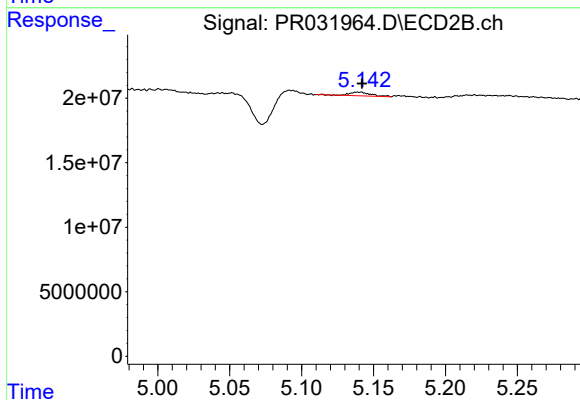
R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 1142060
Conc: 0.61 ng/ml



#7 AR-1016-5

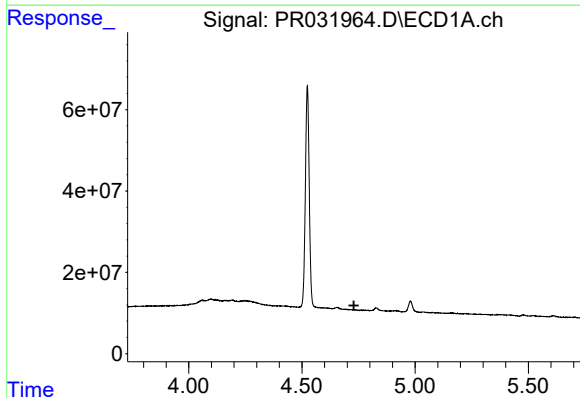
R.T.: 6.094 min
Delta R.T.: -0.066 min
Response: 2123525
Conc: 3.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



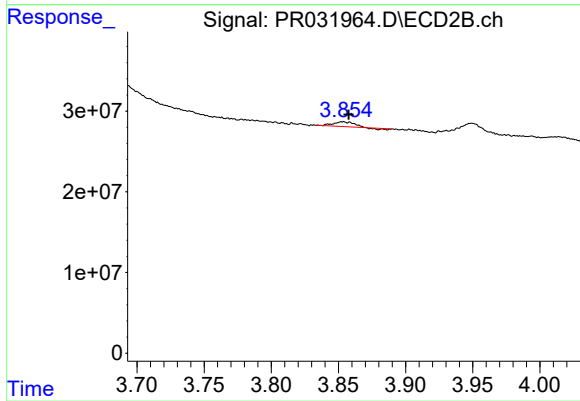
#7 AR-1016-5

R.T.: 5.140 min
Delta R.T.: -0.002 min
Response: 2943776
Conc: 1.71 ng/ml



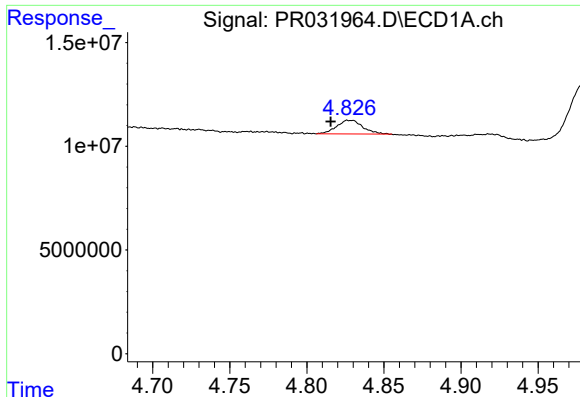
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.730 min
Response: 0
Conc: N.D.



#8 AR-1221-1

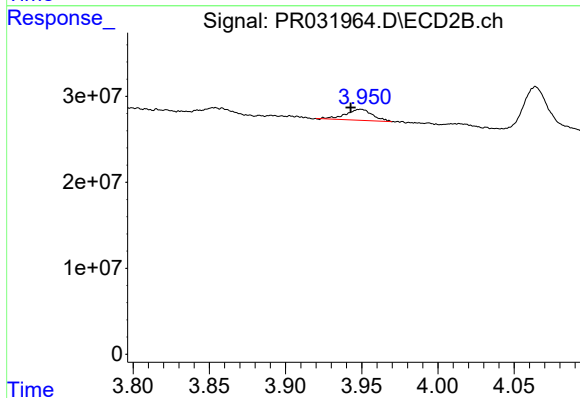
R.T.: 3.853 min
Delta R.T.: -0.004 min
Response: 5371302
Conc: 13.16 ng/ml



#9 AR-1221-2

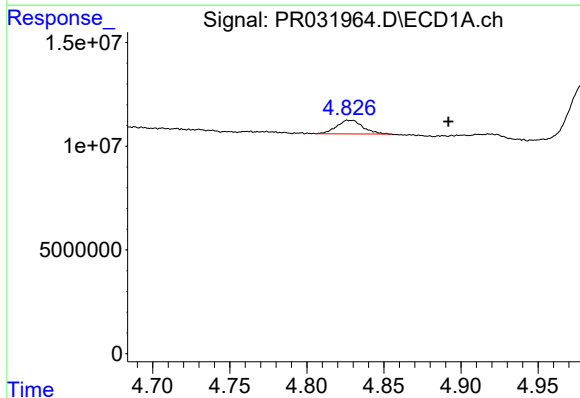
R.T.: 4.826 min
Delta R.T.: 0.011 min
Response: 7713100
Conc: 43.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



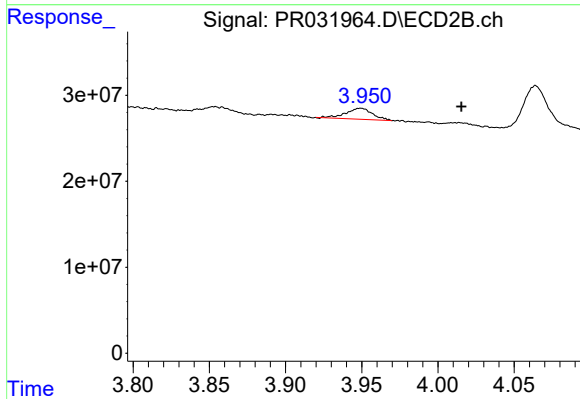
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: 0.007 min
Response: 15597021
Conc: 49.98 ng/ml



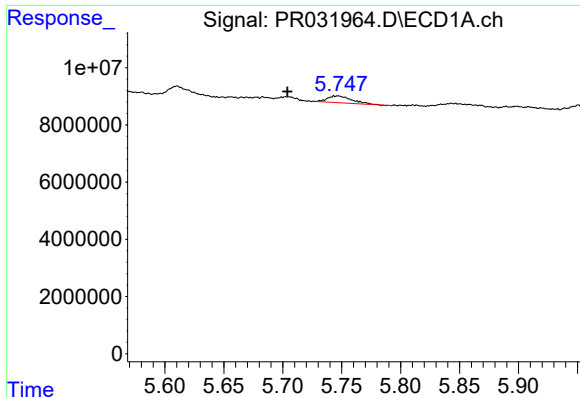
#10 AR-1221-3

R.T.: 4.826 min
Delta R.T.: -0.065 min
Response: 7713100
Conc: 13.90 ng/ml



#10 AR-1221-3

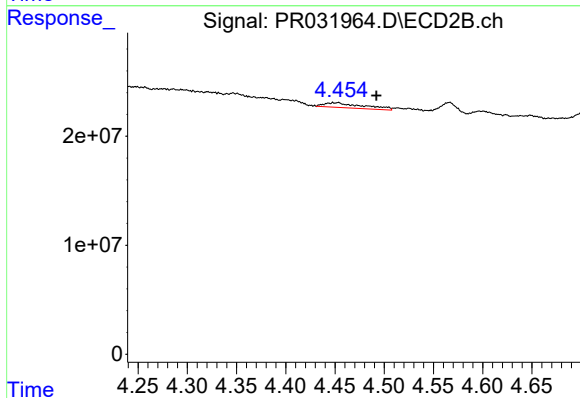
R.T.: 3.949 min
Delta R.T.: -0.066 min
Response: 15597021
Conc: 15.11 ng/ml



#11 AR-1232-1

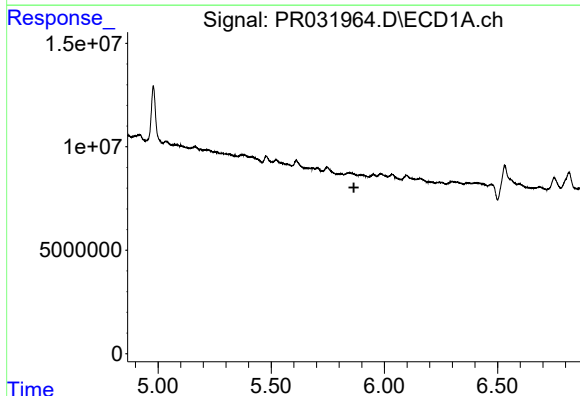
R.T.: 5.744 min
Delta R.T.: 0.040 min
Response: 3451566
Conc: 6.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



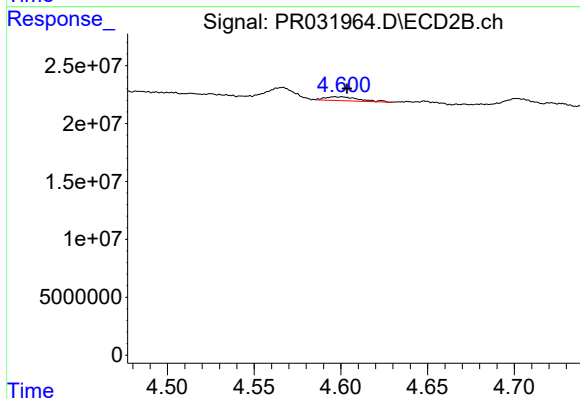
#11 AR-1232-1

R.T.: 4.453 min
Delta R.T.: -0.039 min
Response: 12217991
Conc: 21.90 ng/ml



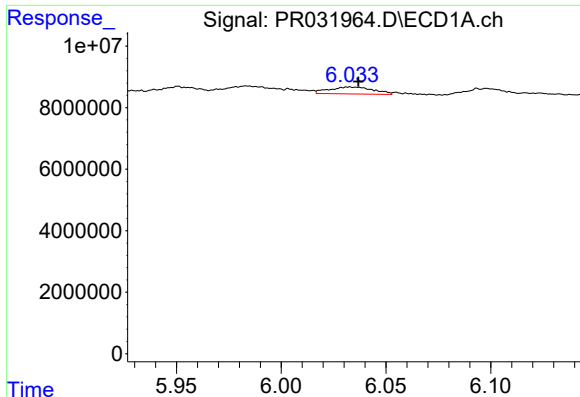
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.865 min
Response: 0
Conc: N.D.



#12 AR-1232-2

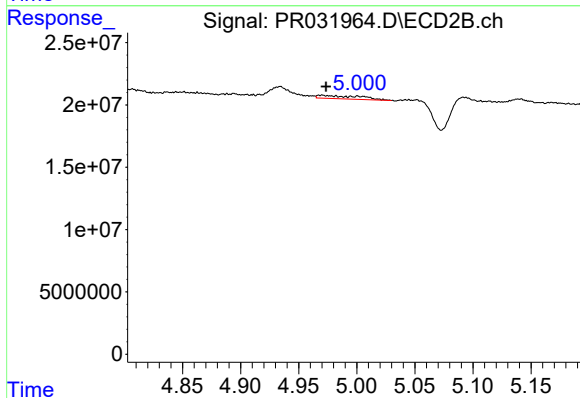
R.T.: 4.597 min
Delta R.T.: -0.007 min
Response: 4626121
Conc: 24.51 ng/ml



#13 AR-1232-3

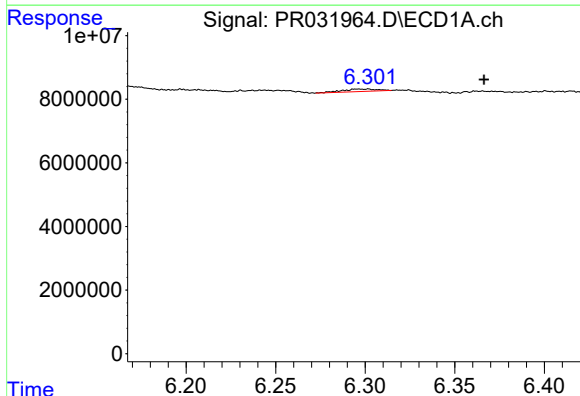
R.T.: 6.033 min
Delta R.T.: -0.004 min
Response: 3273741
Conc: 41.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



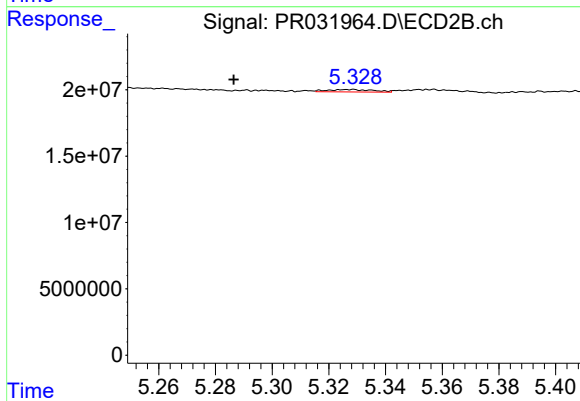
#13 AR-1232-3

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 6361688
Conc: 10.95 ng/ml



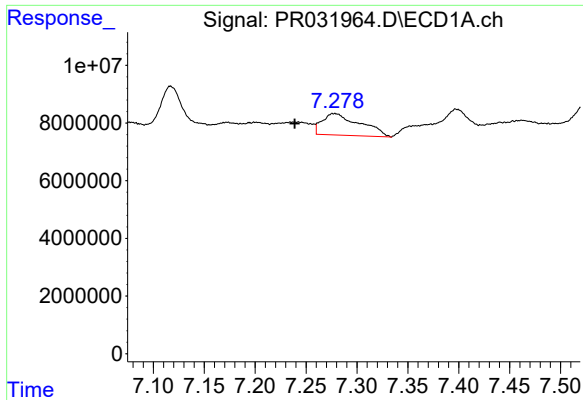
#14 AR-1232-4

R.T.: 6.302 min
Delta R.T.: -0.064 min
Response: 1040202
Conc: 12.67 ng/ml



#14 AR-1232-4

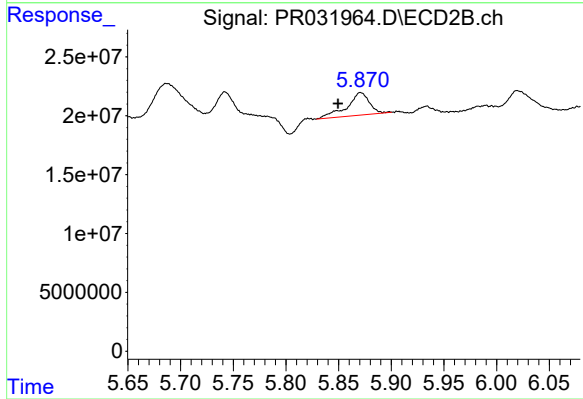
R.T.: 5.328 min
Delta R.T.: 0.042 min
Response: 2011083
Conc: 2.76 ng/ml



#15 AR-1232-5

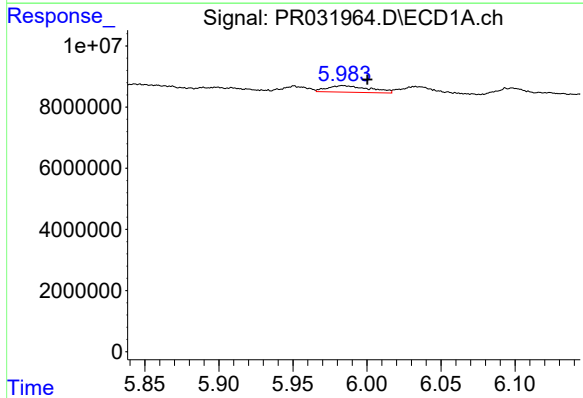
R.T.: 7.278 min
Delta R.T.: 0.040 min
Response: 19495168
Conc: 358.37 ng/ml

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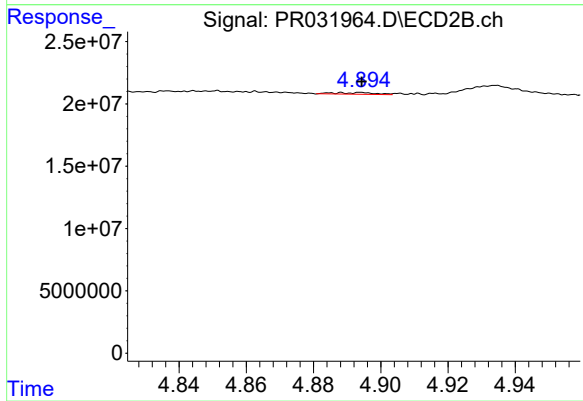
#15 AR-1232-5

R.T.: 5.871 min
Delta R.T.: 0.022 min
Response: 28295020
Conc: 255.24 ng/ml



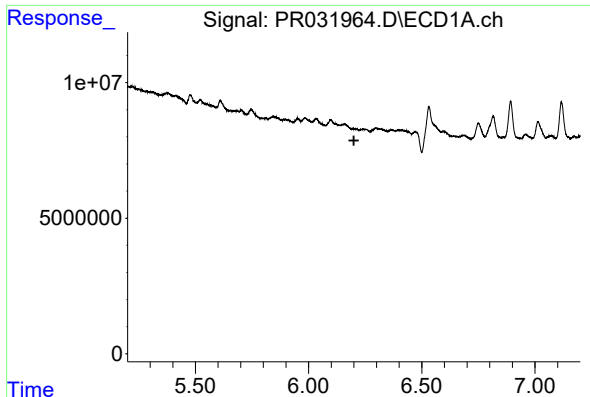
#17 AR-1242-2

R.T.: 5.983 min
Delta R.T.: -0.017 min
Response: 4251743
Conc: 8.66 ng/ml



#17 AR-1242-2

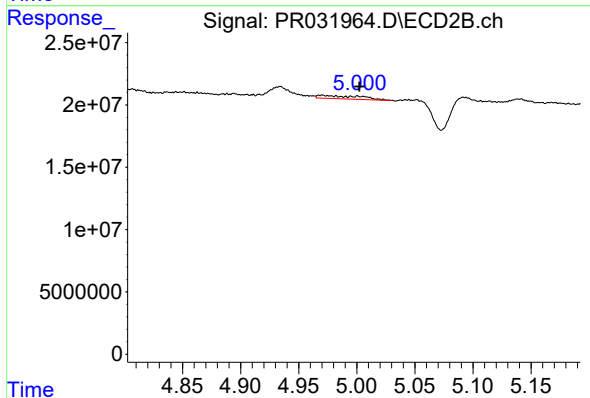
R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 1121086
Conc: 0.92 ng/ml



#18 AR-1242-3

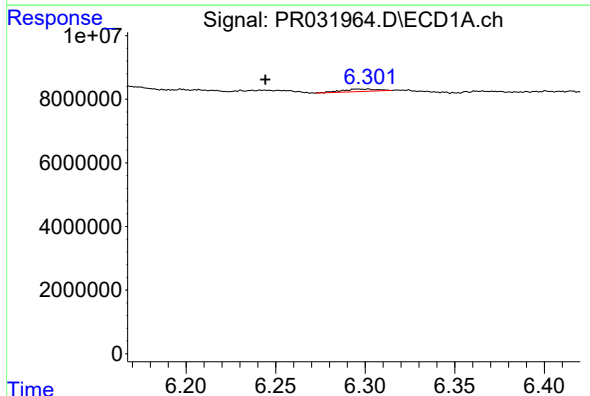
R.T.: 0.000 min
Exp R.T.: 6.200 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



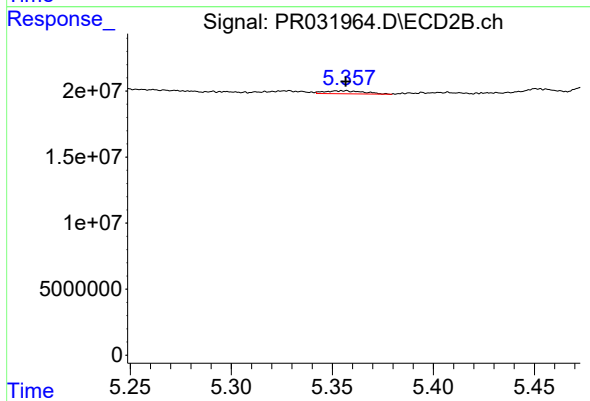
#18 AR-1242-3

R.T.: 4.970 min
Delta R.T.: -0.032 min
Response: 6361688
Conc: 14.72 ng/ml



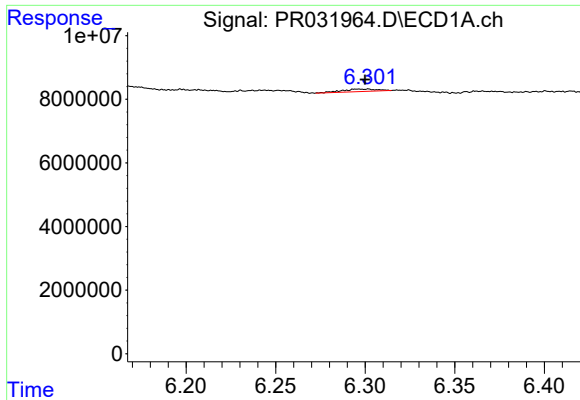
#19 AR-1242-4

R.T.: 6.302 min
Delta R.T.: 0.058 min
Response: 1040202
Conc: 5.80 ng/ml



#19 AR-1242-4

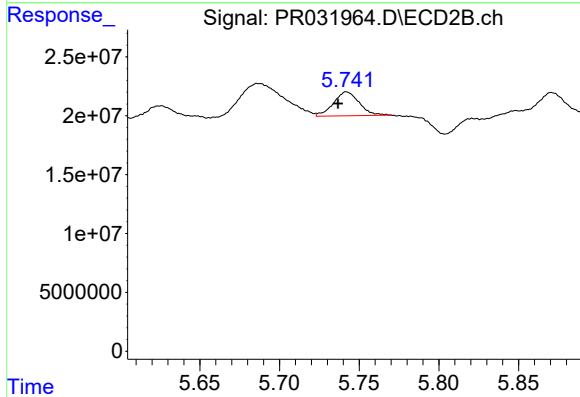
R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 3013544
Conc: 7.30 ng/ml



#20 AR-1242-5

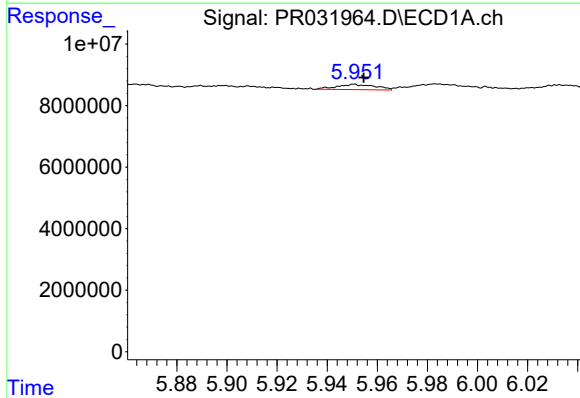
R.T.: 6.302 min
Delta R.T.: 0.002 min
Response: 1040202
Conc: 1.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



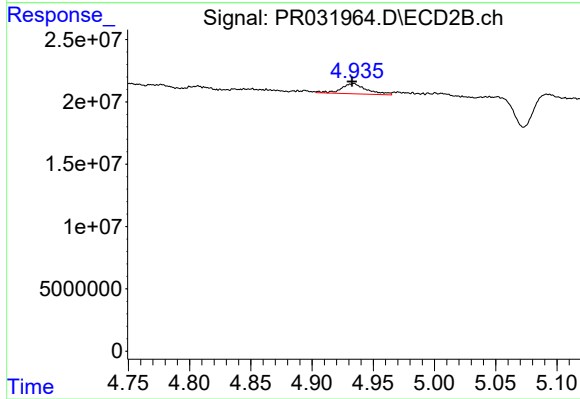
#20 AR-1242-5

R.T.: 5.742 min
Delta R.T.: 0.005 min
Response: 22903807
Conc: 24.46 ng/ml



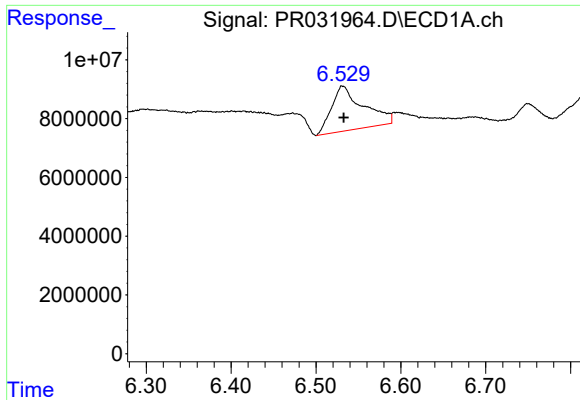
#21 AR-1248-1

R.T.: 5.951 min
Delta R.T.: -0.004 min
Response: 1845860
Conc: 2.30 ng/ml



#21 AR-1248-1

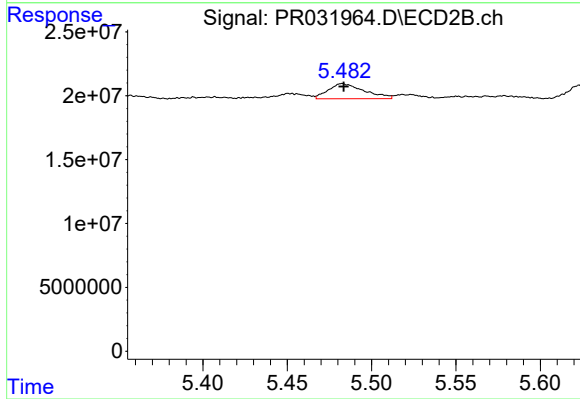
R.T.: 4.934 min
Delta R.T.: 0.001 min
Response: 11972564
Conc: 6.82 ng/ml



#22 AR-1248-2

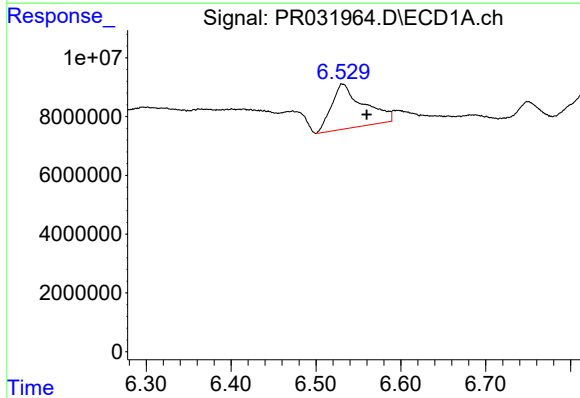
R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 39786578
Conc: 46.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



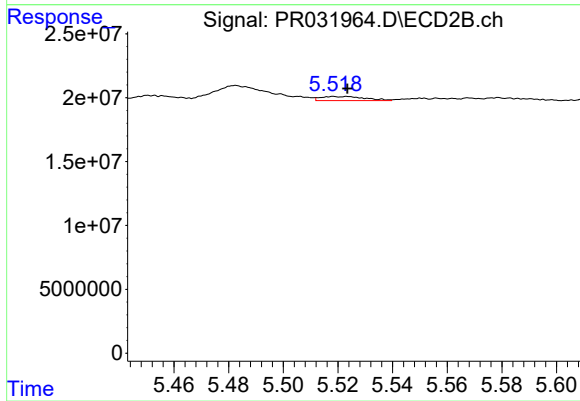
#22 AR-1248-2

R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 17576514
Conc: 4.80 ng/ml



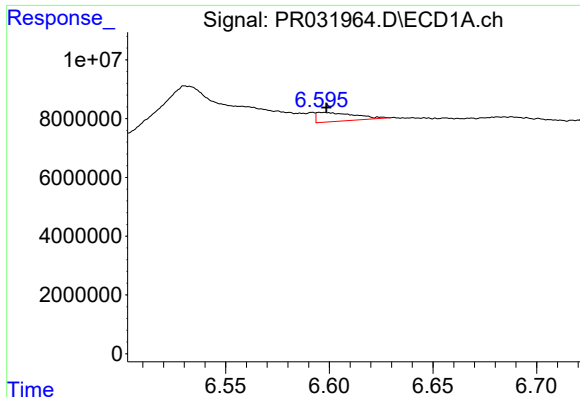
#23 AR-1248-3

R.T.: 6.530 min
Delta R.T.: -0.029 min
Response: 39786578
Conc: 34.86 ng/ml



#23 AR-1248-3

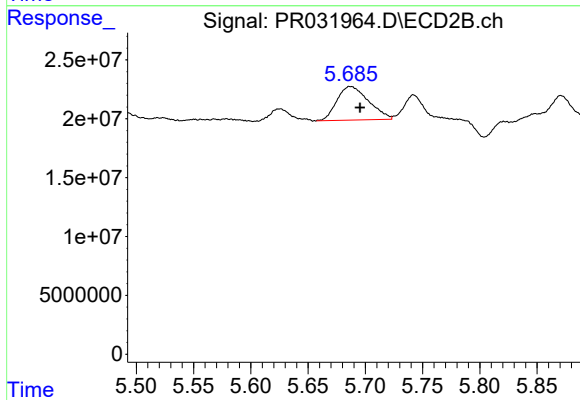
R.T.: 5.519 min
Delta R.T.: -0.005 min
Response: 3724578
Conc: 1.42 ng/ml



#24 AR-1248-4

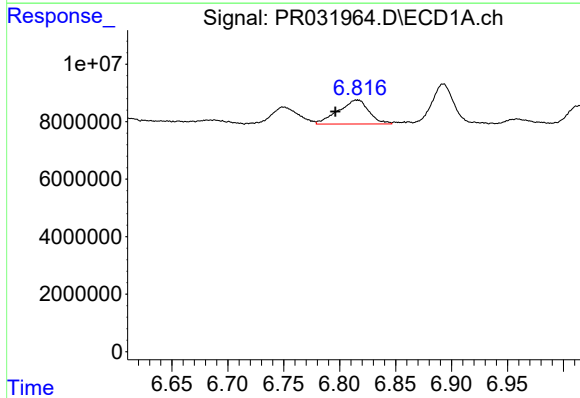
R.T.: 6.595 min
Delta R.T.: -0.003 min
Response: 3812838
Conc: 3.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



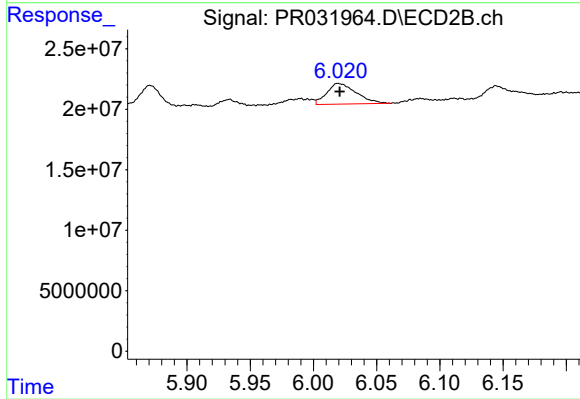
#24 AR-1248-4

R.T.: 5.687 min
Delta R.T.: -0.008 min
Response: 55098458
Conc: 20.63 ng/ml



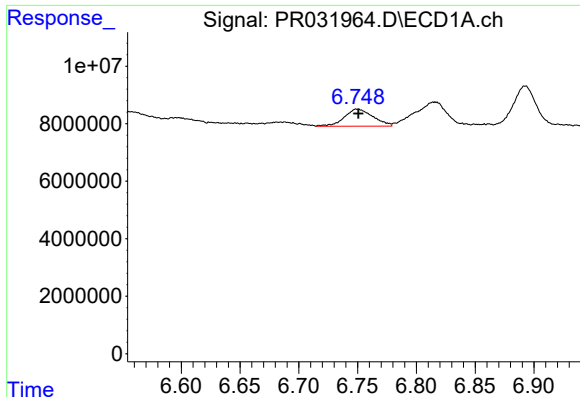
#25 AR-1248-5

R.T.: 6.816 min
Delta R.T.: 0.020 min
Response: 15834071
Conc: 21.86 ng/ml



#25 AR-1248-5

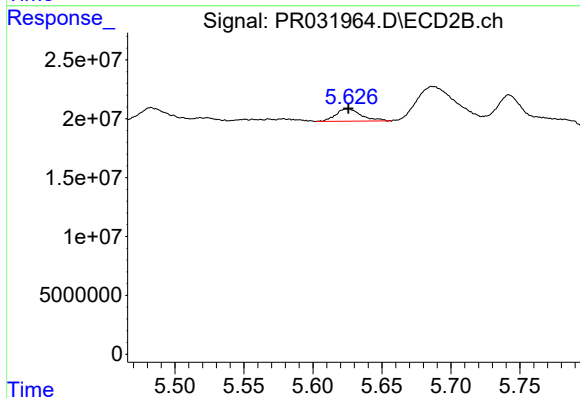
R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 27514229
Conc: 16.32 ng/ml



#26 AR-1254-1

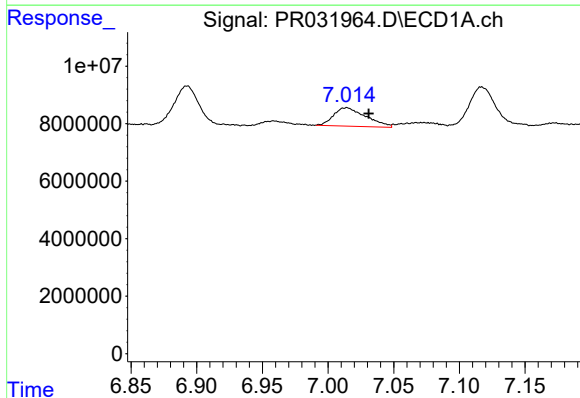
R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 10085904
Conc: 5.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



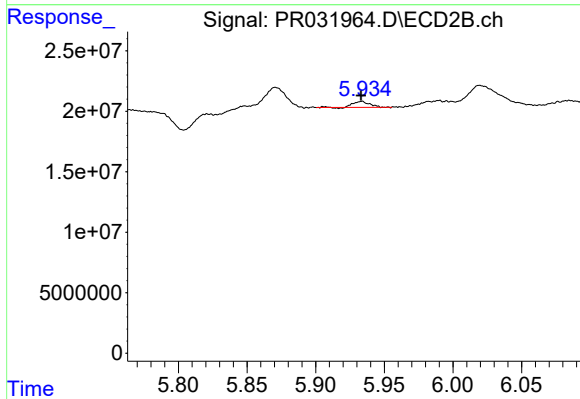
#26 AR-1254-1

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 13453185
Conc: 3.54 ng/ml



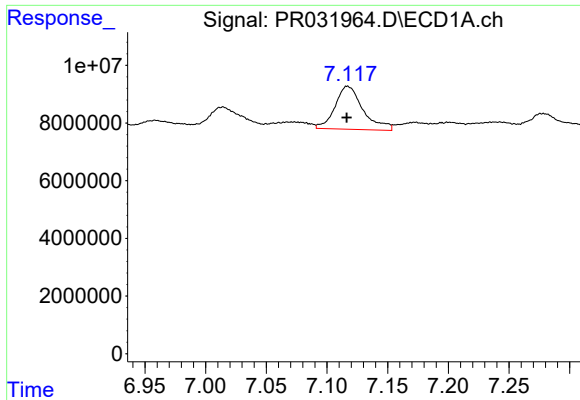
#27 AR-1254-2

R.T.: 7.014 min
Delta R.T.: -0.017 min
Response: 11018095
Conc: 9.04 ng/ml



#27 AR-1254-2

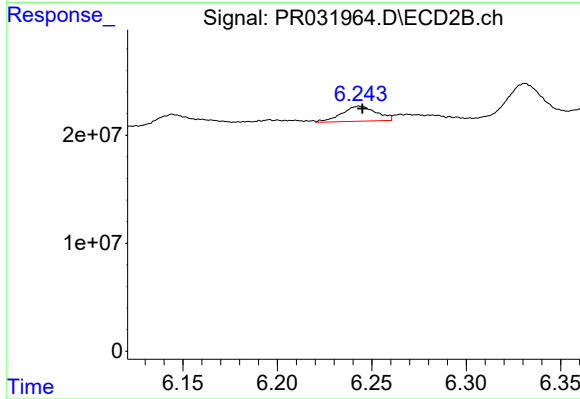
R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 4311447
Conc: 1.46 ng/ml



#28 AR-1254-3

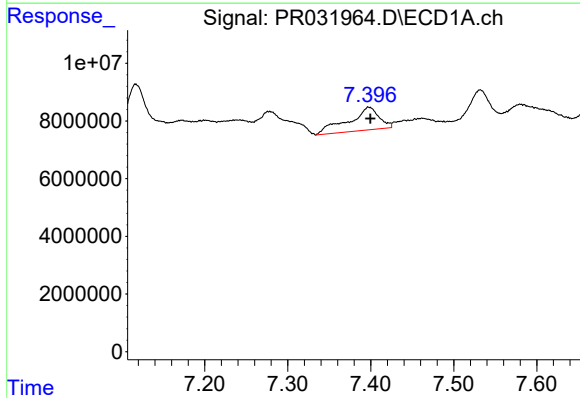
R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 24003176
Conc: 10.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



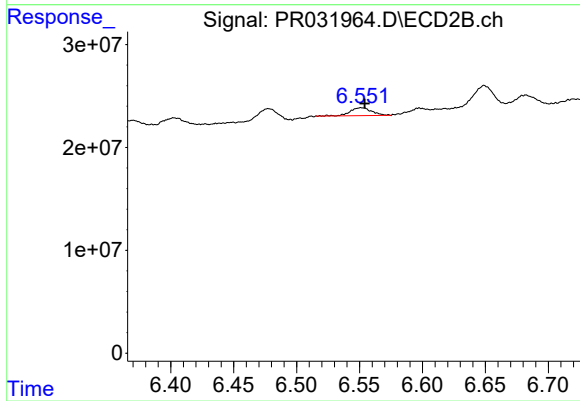
#28 AR-1254-3

R.T.: 6.244 min
Delta R.T.: -0.001 min
Response: 17672056
Conc: 3.95 ng/ml



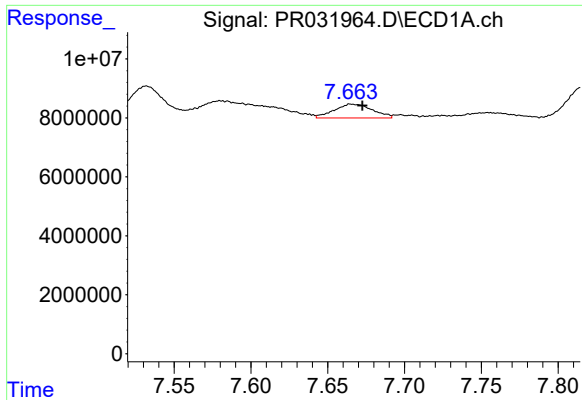
#29 AR-1254-4

R.T.: 7.397 min
Delta R.T.: -0.003 min
Response: 20366431
Conc: 11.69 ng/ml



#29 AR-1254-4

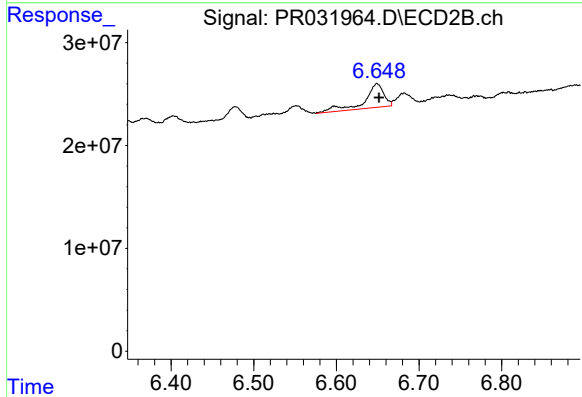
R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 9005738
Conc: 4.24 ng/ml



#30 AR-1254-5

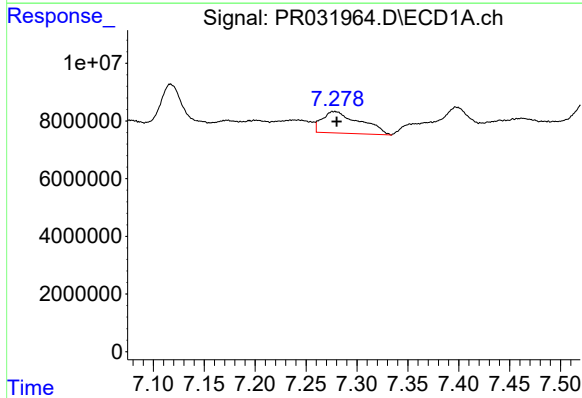
R.T.: 7.664 min
Delta R.T.: -0.008 min
Response: 8192685
Conc: 6.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



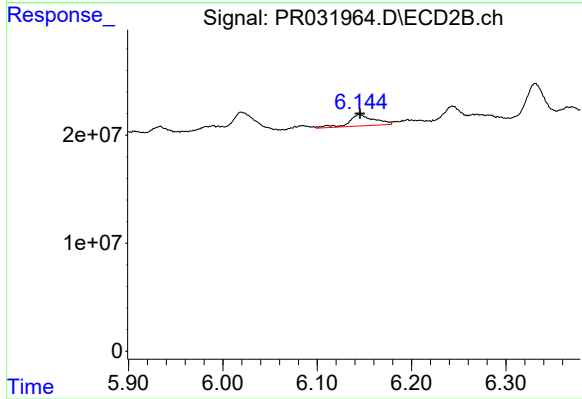
#30 AR-1254-5

R.T.: 6.649 min
Delta R.T.: -0.003 min
Response: 37394231
Conc: 9.82 ng/ml



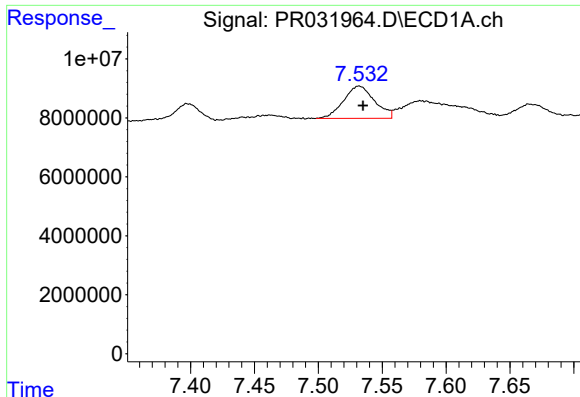
#31 AR-1260-1

R.T.: 7.278 min
Delta R.T.: -0.002 min
Response: 19495168
Conc: 12.51 ng/ml



#31 AR-1260-1

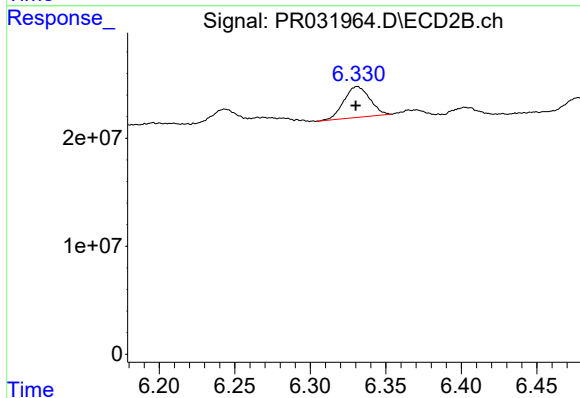
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 19147971
Conc: 5.19 ng/ml



#32 AR-1260-2

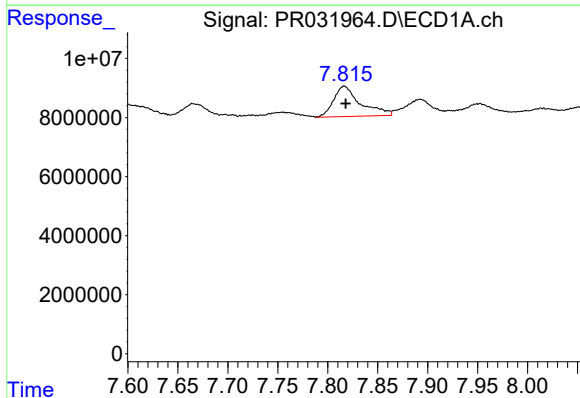
R.T.: 7.532 min
Delta R.T.: -0.003 min
Response: 18536827
Conc: 9.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



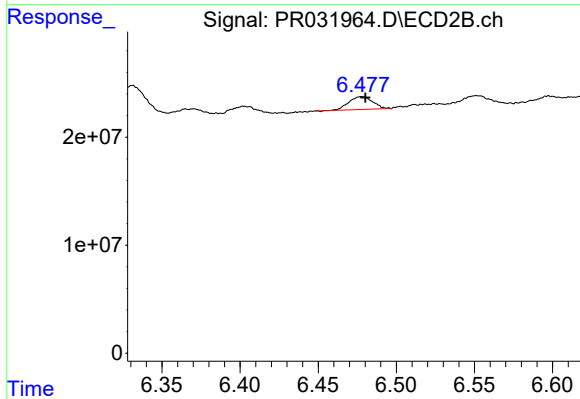
#32 AR-1260-2

R.T.: 6.331 min
Delta R.T.: 0.001 min
Response: 34015131
Conc: 7.59 ng/ml



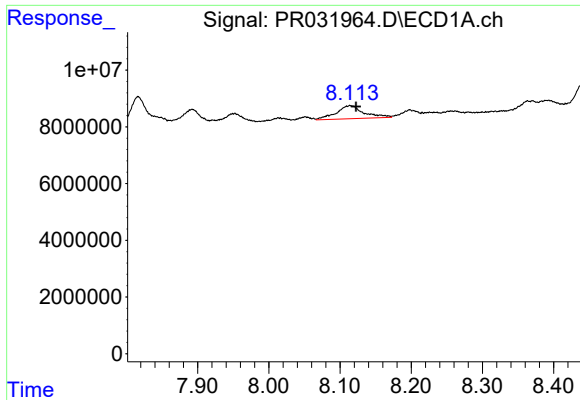
#33 AR-1260-3

R.T.: 7.816 min
Delta R.T.: -0.001 min
Response: 19192349
Conc: 8.24 ng/ml



#33 AR-1260-3

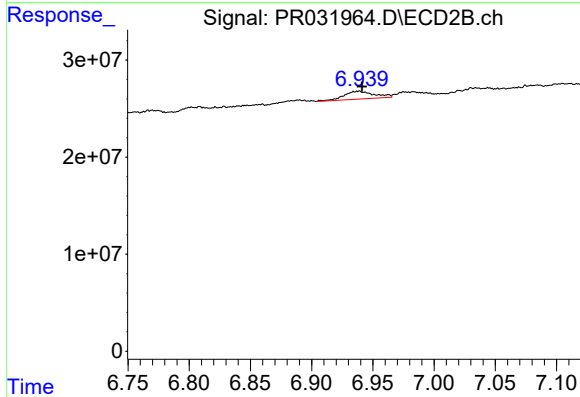
R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 12661619
Conc: 3.60 ng/ml



#34 AR-1260-4

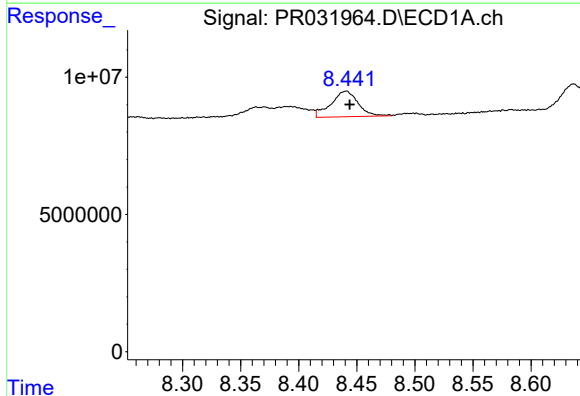
R.T.: 8.114 min
Delta R.T.: -0.009 min
Response: 12464542
Conc: 7.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



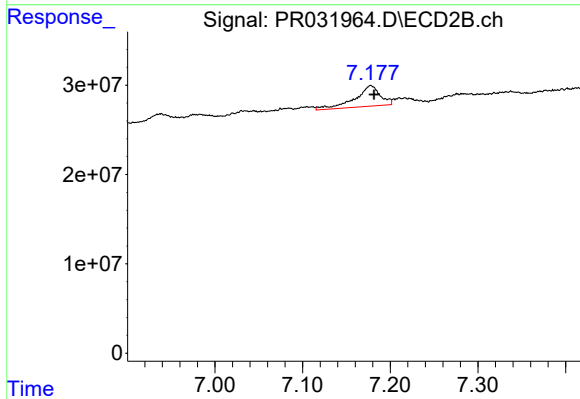
#34 AR-1260-4

R.T.: 6.938 min
Delta R.T.: -0.003 min
Response: 13750472
Conc: 6.69 ng/ml



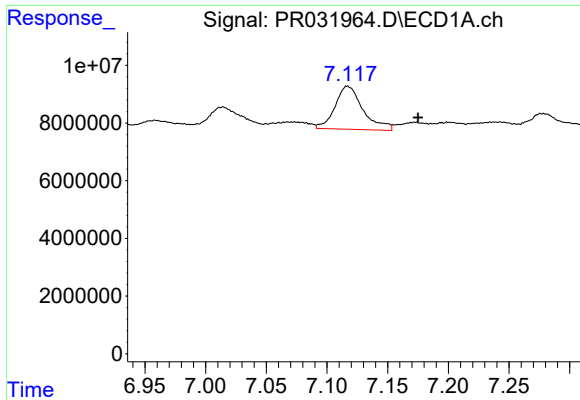
#35 AR-1260-5

R.T.: 8.441 min
Delta R.T.: -0.003 min
Response: 15144680
Conc: 4.04 ng/ml



#35 AR-1260-5

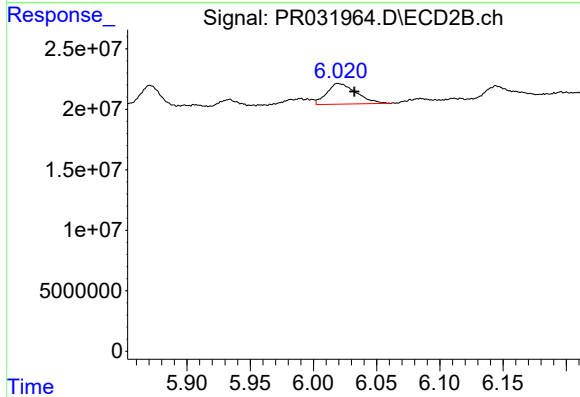
R.T.: 7.178 min
Delta R.T.: -0.004 min
Response: 45999205
Conc: 10.54 ng/ml



#36 AR-1262-1

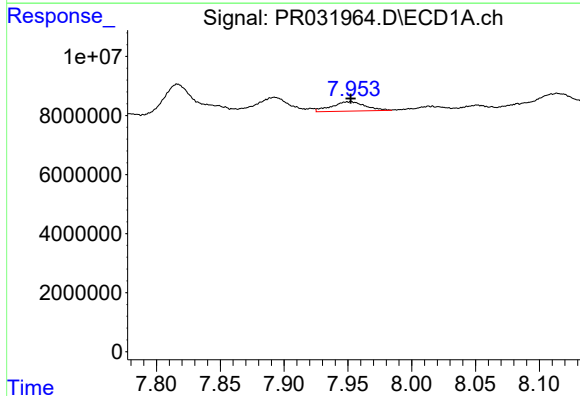
R.T.: 7.117 min
Delta R.T.: -0.058 min
Response: 24003176
Conc: 28.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



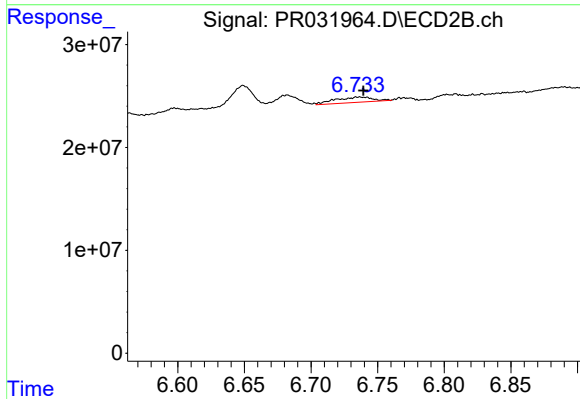
#36 AR-1262-1

R.T.: 6.021 min
Delta R.T.: -0.012 min
Response: 27514229
Conc: 13.75 ng/ml



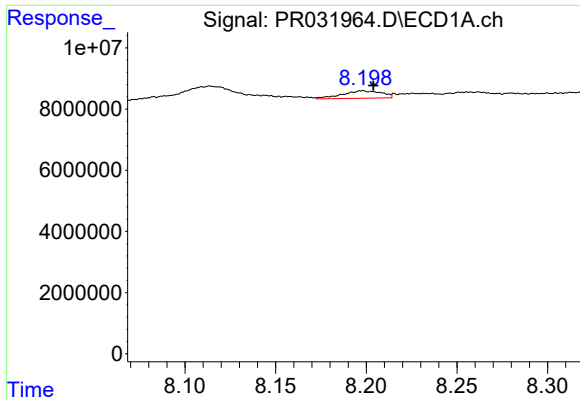
#37 AR-1262-2

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 5892239
Conc: 6.92 ng/ml



#37 AR-1262-2

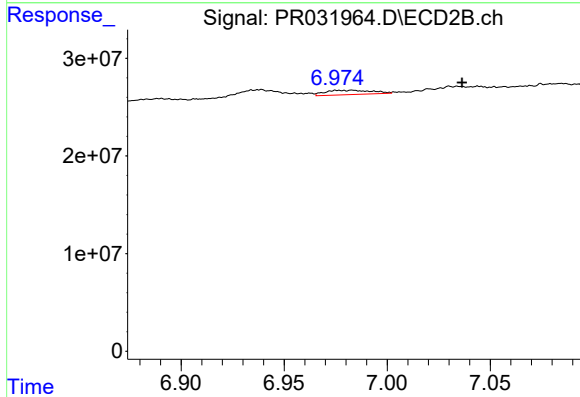
R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 10219250
Conc: 6.79 ng/ml



#38 AR-1262-3

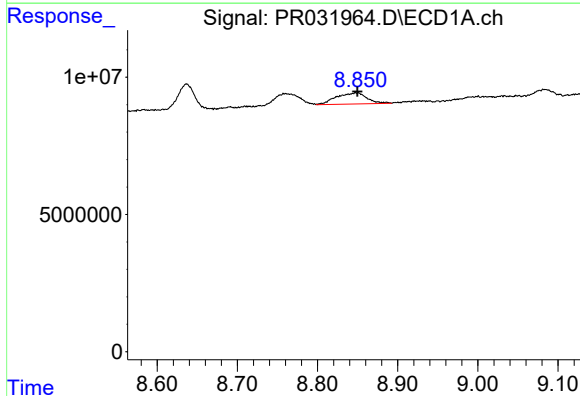
R.T.: 8.198 min
Delta R.T.: -0.006 min
Response: 3654695
Conc: 4.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



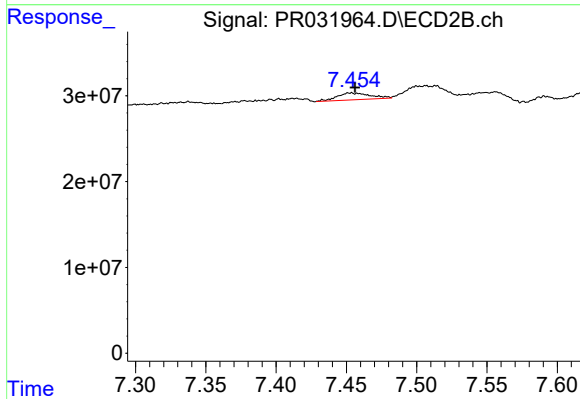
#38 AR-1262-3

R.T.: 6.982 min
Delta R.T.: -0.055 min
Response: 6963578
Conc: 5.70 ng/ml



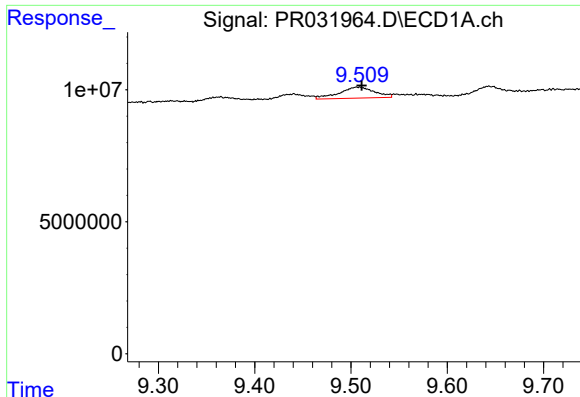
#39 AR-1262-4

R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 10791444
Conc: 5.08 ng/ml



#39 AR-1262-4

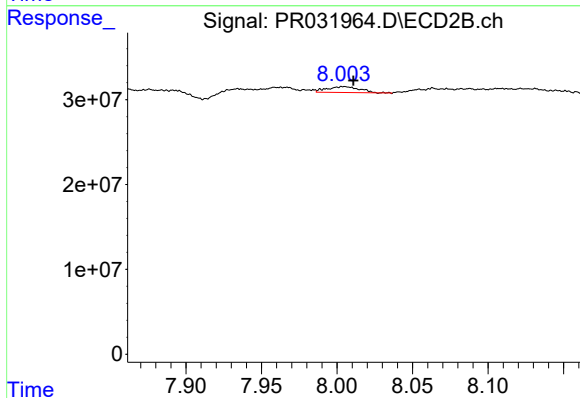
R.T.: 7.454 min
Delta R.T.: -0.002 min
Response: 13086281
Conc: 7.81 ng/ml



#40 AR-1262-5

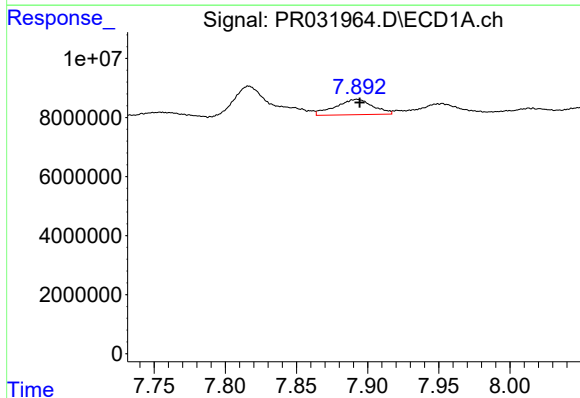
R.T.: 9.508 min
Delta R.T.: -0.003 min
Response: 10677781
Conc: 6.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



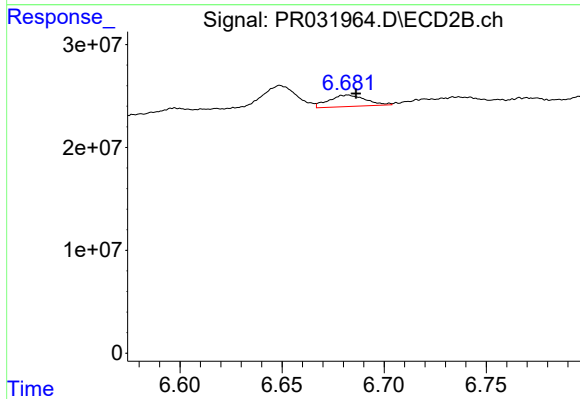
#40 AR-1262-5

R.T.: 8.004 min
Delta R.T.: -0.007 min
Response: 10298791
Conc: 8.14 ng/ml



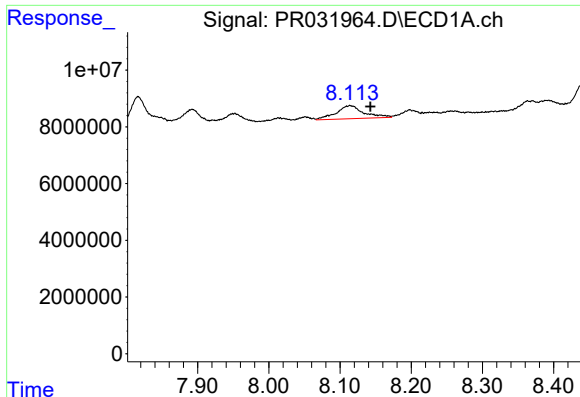
#41 AR-1268-1

R.T.: 7.892 min
Delta R.T.: -0.002 min
Response: 9501922
Conc: 10.42 ng/ml



#41 AR-1268-1

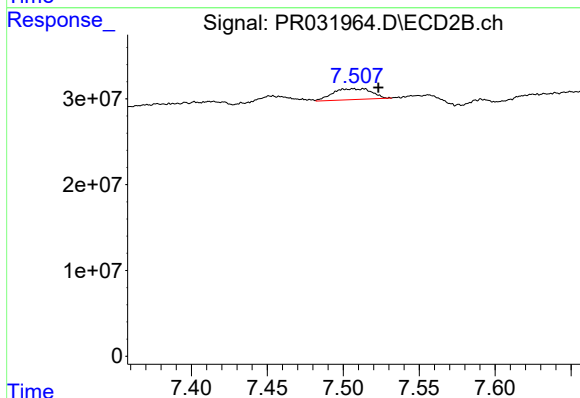
R.T.: 6.682 min
Delta R.T.: -0.004 min
Response: 14042421
Conc: 8.60 ng/ml



#42 AR-1268-2

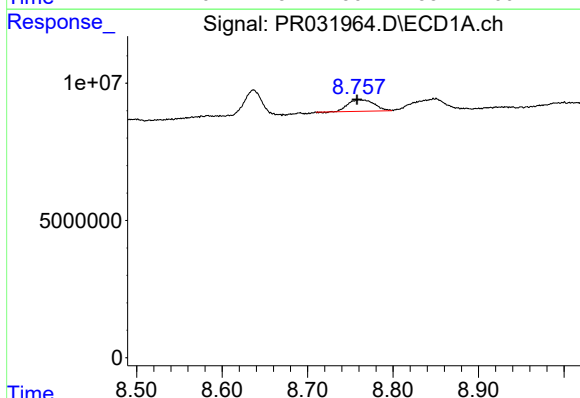
R.T.: 8.114 min
Delta R.T.: -0.029 min
Response: 12464542
Conc: 9.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



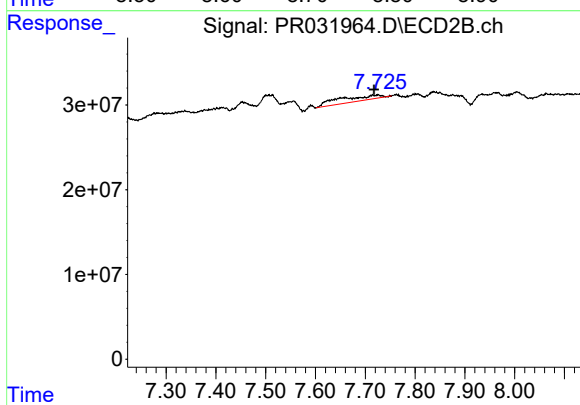
#42 AR-1268-2

R.T.: 7.507 min
Delta R.T.: -0.016 min
Response: 22555340
Conc: 5.61 ng/ml



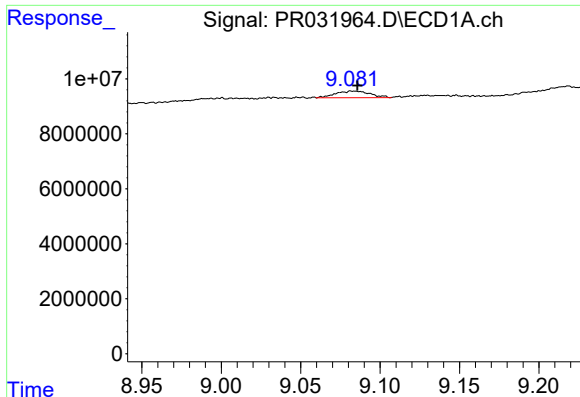
#43 AR-1268-3

R.T.: 8.760 min
Delta R.T.: 0.002 min
Response: 9051849
Conc: 1.63 ng/ml



#43 AR-1268-3

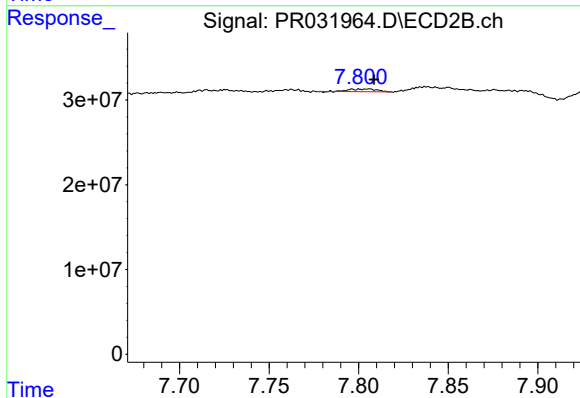
R.T.: 7.723 min
Delta R.T.: 0.005 min
Response: 36477160
Conc: 10.59 ng/ml



#44 AR-1268-4

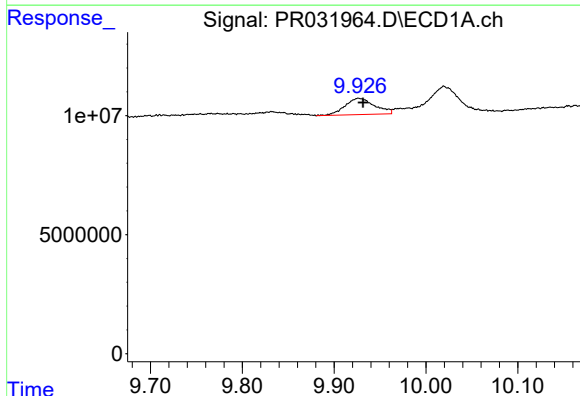
R.T.: 9.083 min
Delta R.T.: -0.003 min
Response: 3634024
Conc: 0.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



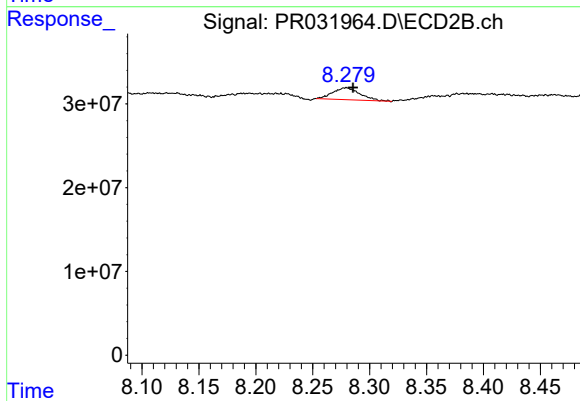
#44 AR-1268-4

R.T.: 7.802 min
Delta R.T.: -0.006 min
Response: 3372755
Conc: 3.40 ng/ml



#45 AR-1268-5

R.T.: 9.927 min
Delta R.T.: -0.005 min
Response: 15411333
Conc: 1.27 ng/ml



#45 AR-1268-5

R.T.: 8.279 min
Delta R.T.: -0.007 min
Response: 23458231
Conc: 2.46 ng/ml