

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092418\
 Data File : PR032261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2018 13:28
 Operator : SM\SJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 02:45:57 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...	4.516	3.644	468.1E6	881.9E6	23.547	21.076
2)	SA Decachlor...	10.252	8.498	571.6E6	456.6E6	19.514	20.306
Target Compounds							
3)	L1 AR-1016-1	5.255	4.296	977044	860725	1.879	0.744 #
4)	L1 AR-1016-2	5.410	4.689	944780	108638	1.791	0.063 #
5)	L1 AR-1016-3	5.665	4.701	1565944	3238252	1.916	1.024 #
6)	L1 AR-1016-4	5.697	4.761	798613	1662598	1.115	0.929
7)	L1 AR-1016-5	6.172	5.084	1136899	2874101	1.862	1.705
8)	L2 AR-1221-1	4.729	3.849	171931	2121309	0.641	3.992 #
9)	L2 AR-1221-2	4.791	3.937	460596	10654445	2.252	26.538 #
10)	L2 AR-1221-3	4.893	4.003	149035	1899575	0.239	1.516 #
11)	L3 AR-1232-1	5.697	4.475	798613	1489376	1.654	2.594 #
12)	L3 AR-1232-2	5.864	4.584	550937	4613197	2.220	23.964 #
13)	L3 AR-1232-3	6.015	4.957	730246	659999	6.466	1.198 #
14)	L3 AR-1232-4	6.338	5.264	1871914	2131617	24.815	3.030 #
15)	L3 AR-1232-5	7.217	5.814	6398805	3312017	98.159	40.010 #
16)	L4 AR-1242-1	5.255	4.320	977044	648959	4.369	1.205 #
17)	L4 AR-1242-2	5.989	4.882	323919	3807641	0.774	3.393 #
18)	L4 AR-1242-3	6.196	4.990	454880	346397	2.074	0.872 #
19)	L4 AR-1242-4	6.196	5.352	454880	556152	2.692	1.494 #
20)	L4 AR-1242-5	6.292	5.728	878720	13515543	1.586	16.137 #
21)	L5 AR-1248-1	5.938	4.934	260909	907367	0.208	0.318 #
22)	L5 AR-1248-2	6.527	5.441	3664050	28331620	2.812	4.960 #
23)	L5 AR-1248-3	6.563	5.510	7176681	31451948	4.047	7.249 #
24)	L5 AR-1248-4	6.563	5.668	7176681	74637655	4.239	18.859 #
25)	L5 AR-1248-5	6.767	6.011	35220	1879468	0.031	0.743 #
26)	L6 AR-1254-1	6.767	5.668	35220	74637655	0.023	23.863 #
27)	L6 AR-1254-2	7.004	0.000	7509590	0	7.631	N.D. #
28)	L6 AR-1254-3	7.111	6.217	3261304	9939593	1.830	3.085 #
29)	L6 AR-1254-4	7.394	6.544	149489	9186462	0.106	4.879 #
30)	L6 AR-1254-5	7.654	6.595	5994386	60543243	6.264	27.496 #
31)	L7 AR-1260-1	7.257	6.134	261461	3643736	0.200	1.100 #
32)	L7 AR-1260-2	7.513	6.323	4474576	37441399	2.703	9.160 #
33)	L7 AR-1260-3	7.825	6.450	1837953	236195	0.958	0.072 #
34)	L7 AR-1260-4	8.097	6.921	501842	4869017	0.364	2.428 #
35)	L7 AR-1260-5	8.433	7.165	1610872	2838851	0.527	0.695 #
36)	L8 AR-1262-1	7.176	6.021	785715	776074	1.034	0.449 #
37)	L8 AR-1262-2	7.936	6.712	100655	51620114	0.142	36.306 #
38)	L8 AR-1262-3	8.199	7.056	184871	14958947	0.304	14.709 #
39)	L8 AR-1262-4	8.837	7.503	1556361	12510260	0.858	7.394 #
40)	L8 AR-1262-5	9.495	8.000	9015800	25790904	6.658	24.460 #
41)	L9 AR-1268-1	7.868	6.712	1954266	51620114	2.760	36.850 #

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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

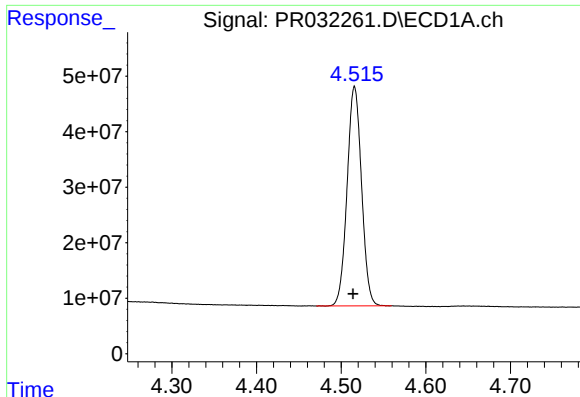
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.134	7.503	76750	12510260	0.083	2.087 #
43) L9	AR-1268-3	8.770	7.702	2484180	22826503	0.583	8.115 #
44) L9	AR-1268-4	9.075	7.811	5926659	581833	1.727	0.727 #
45) L9	AR-1268-5	9.913	8.265	8527341	17594556	0.837	2.435 #

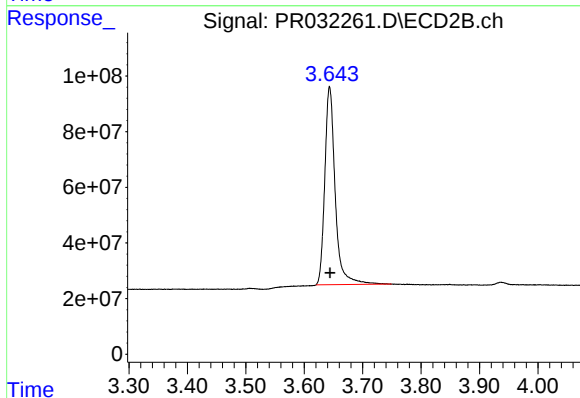
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

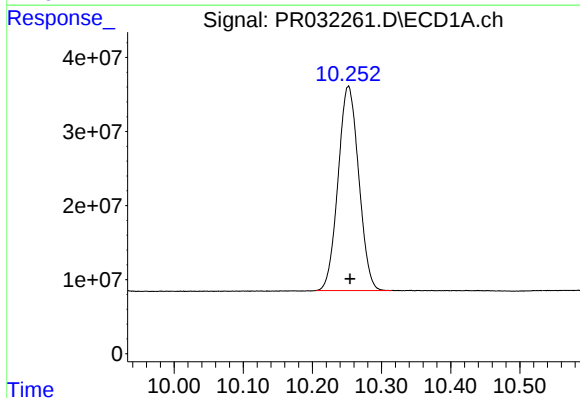
R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 468130013
Conc: 23.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



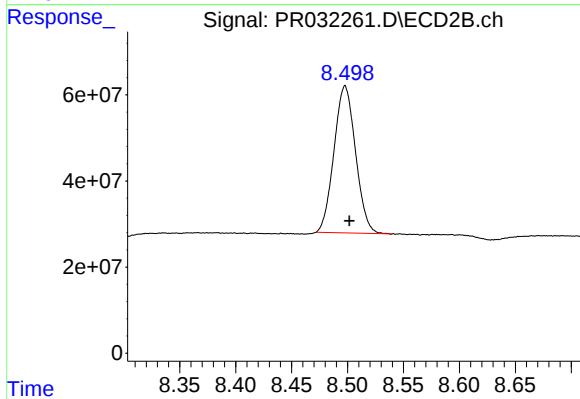
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 881922290
Conc: 21.08 ng/ml



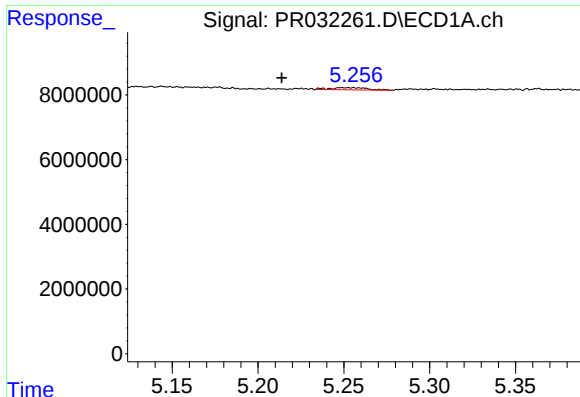
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.003 min
Response: 571628301
Conc: 19.51 ng/ml



#2 Decachlorobiphenyl

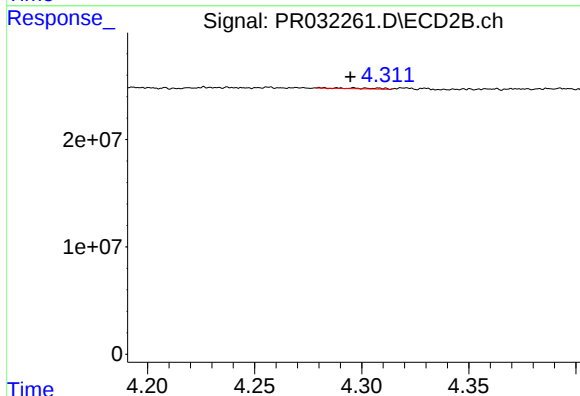
R.T.: 8.498 min
Delta R.T.: -0.004 min
Response: 456618280
Conc: 20.31 ng/ml



#3 AR-1016-1

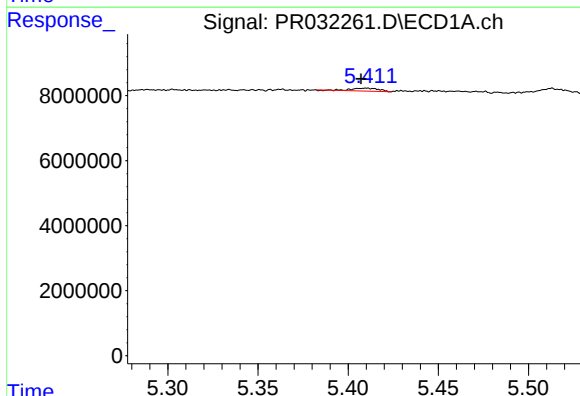
R.T.: 5.255 min
Delta R.T.: 0.041 min
Response: 977044
Conc: 1.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



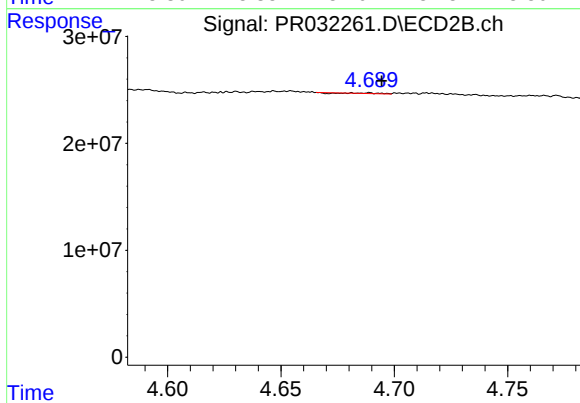
#3 AR-1016-1

R.T.: 4.296 min
Delta R.T.: 0.002 min
Response: 860725
Conc: 0.74 ng/ml



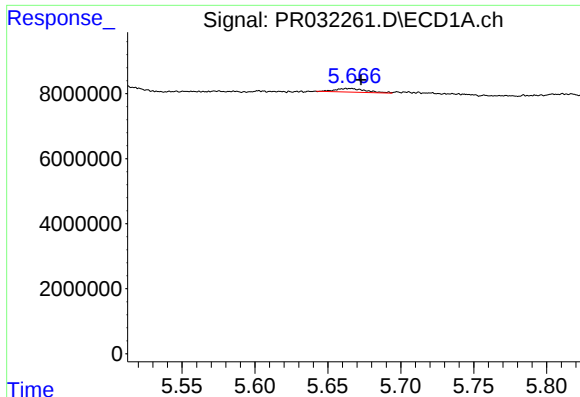
#4 AR-1016-2

R.T.: 5.410 min
Delta R.T.: 0.003 min
Response: 944780
Conc: 1.79 ng/ml



#4 AR-1016-2

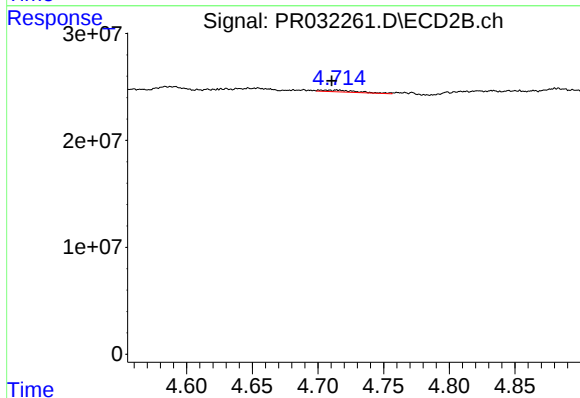
R.T.: 4.689 min
Delta R.T.: -0.006 min
Response: 108638
Conc: 0.06 ng/ml



#5 AR-1016-3

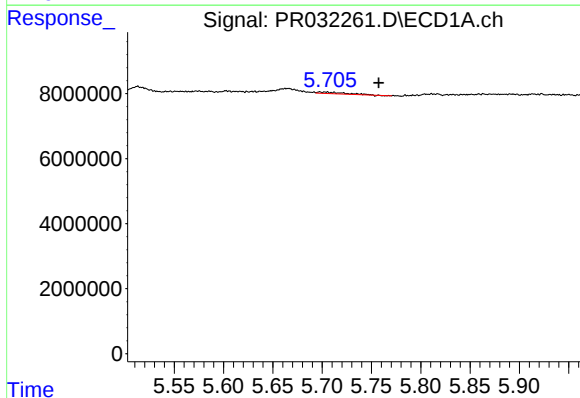
R.T.: 5.665 min
Delta R.T.: -0.008 min
Response: 1565944
Conc: 1.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



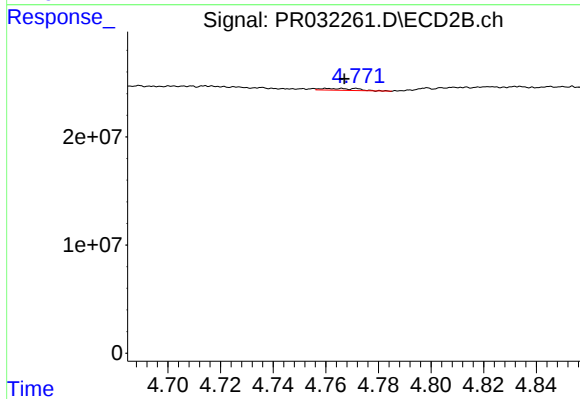
#5 AR-1016-3

R.T.: 4.701 min
Delta R.T.: -0.009 min
Response: 3238252
Conc: 1.02 ng/ml



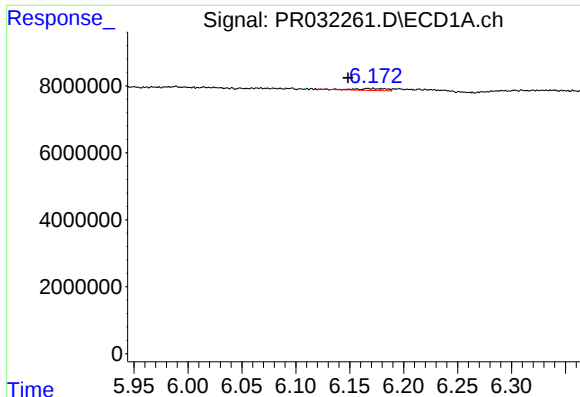
#6 AR-1016-4

R.T.: 5.697 min
Delta R.T.: -0.060 min
Response: 798613
Conc: 1.12 ng/ml



#6 AR-1016-4

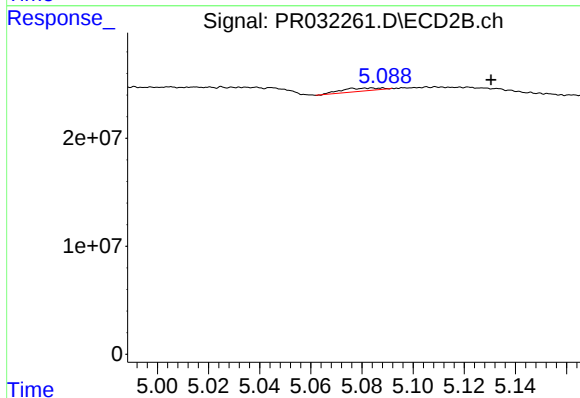
R.T.: 4.761 min
Delta R.T.: -0.006 min
Response: 1662598
Conc: 0.93 ng/ml



#7 AR-1016-5

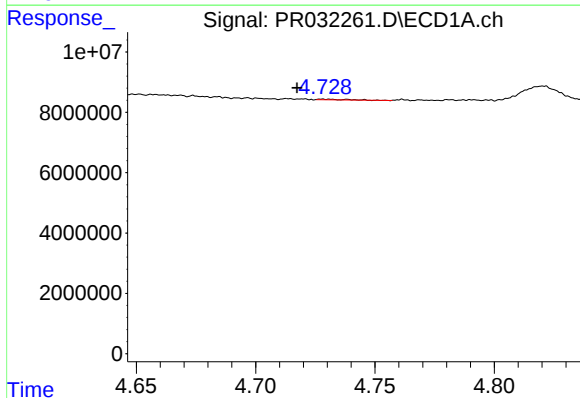
R.T.: 6.172 min
Delta R.T.: 0.023 min
Response: 1136899
Conc: 1.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



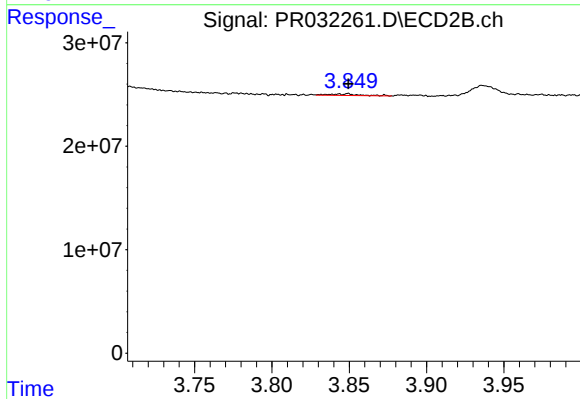
#7 AR-1016-5

R.T.: 5.084 min
Delta R.T.: -0.047 min
Response: 2874101
Conc: 1.70 ng/ml



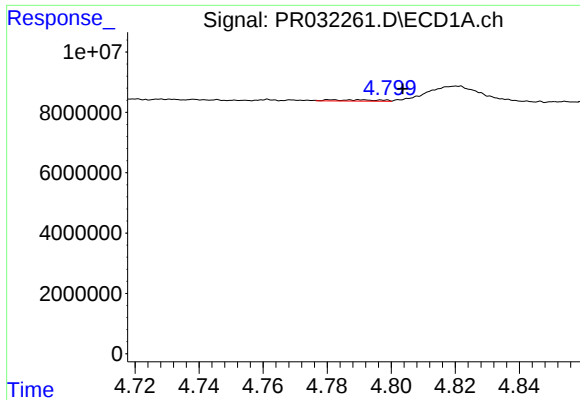
#8 AR-1221-1

R.T.: 4.729 min
Delta R.T.: 0.012 min
Response: 171931
Conc: 0.64 ng/ml



#8 AR-1221-1

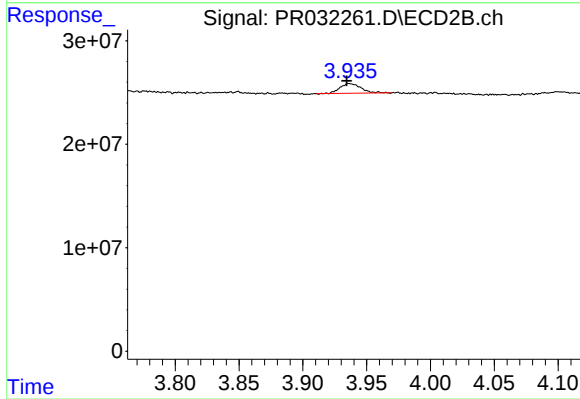
R.T.: 3.849 min
Delta R.T.: 0.000 min
Response: 2121309
Conc: 3.99 ng/ml



#9 AR-1221-2

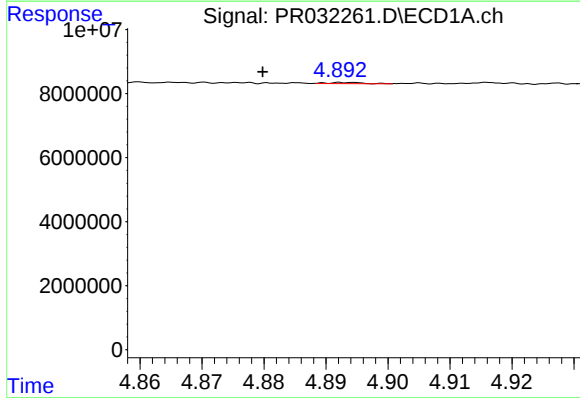
R.T.: 4.791 min
Delta R.T.: -0.013 min
Response: 460596
Conc: 2.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



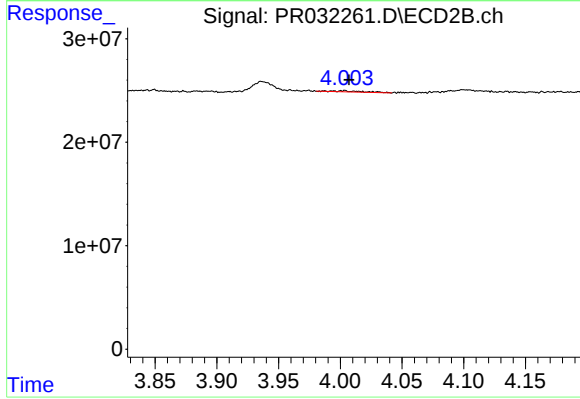
#9 AR-1221-2

R.T.: 3.937 min
Delta R.T.: 0.002 min
Response: 10654445
Conc: 26.54 ng/ml



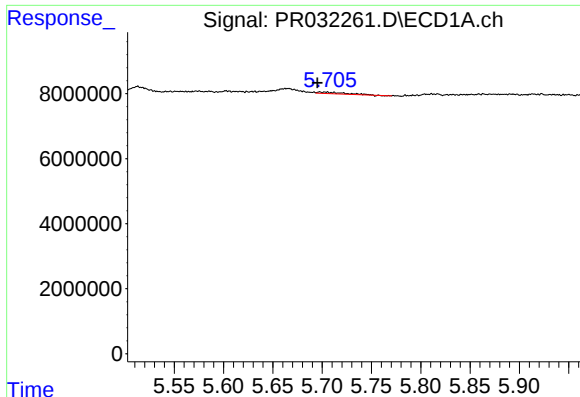
#10 AR-1221-3

R.T.: 4.893 min
Delta R.T.: 0.014 min
Response: 149035
Conc: 0.24 ng/ml



#10 AR-1221-3

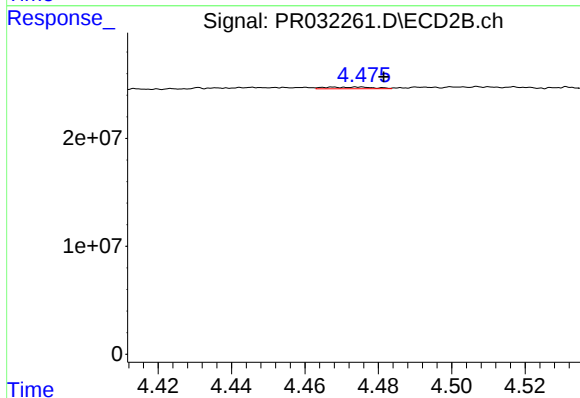
R.T.: 4.003 min
Delta R.T.: -0.004 min
Response: 1899575
Conc: 1.52 ng/ml



#11 AR-1232-1

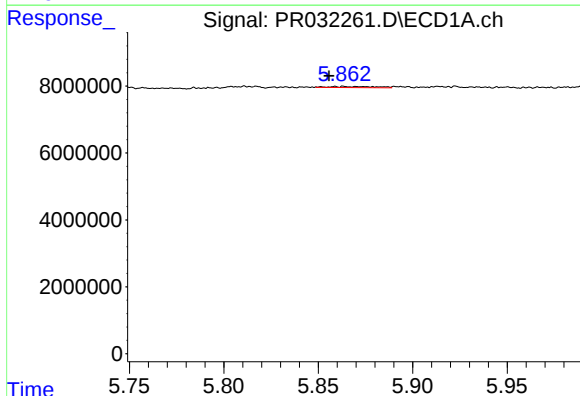
R.T.: 5.697 min
Delta R.T.: 0.002 min
Response: 798613
Conc: 1.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



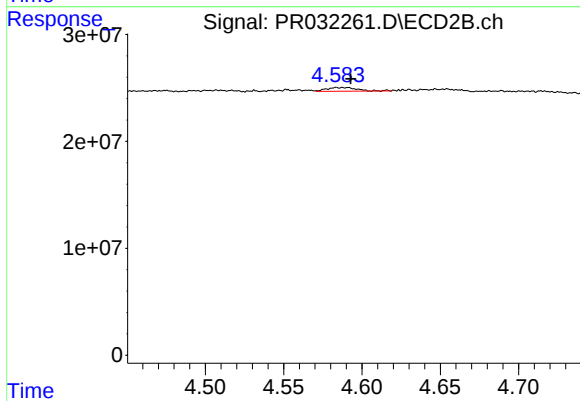
#11 AR-1232-1

R.T.: 4.475 min
Delta R.T.: -0.007 min
Response: 1489376
Conc: 2.59 ng/ml



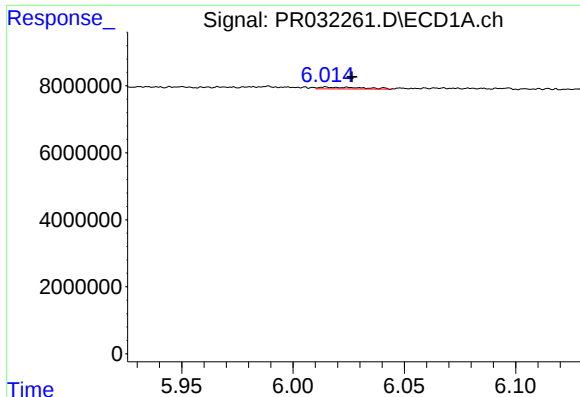
#12 AR-1232-2

R.T.: 5.864 min
Delta R.T.: 0.008 min
Response: 550937
Conc: 2.22 ng/ml



#12 AR-1232-2

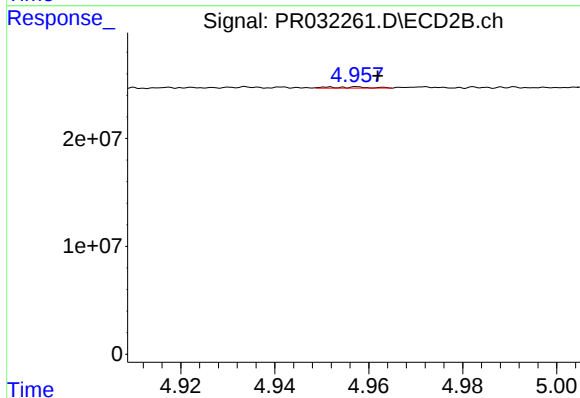
R.T.: 4.584 min
Delta R.T.: -0.009 min
Response: 4613197
Conc: 23.96 ng/ml



#13 AR-1232-3

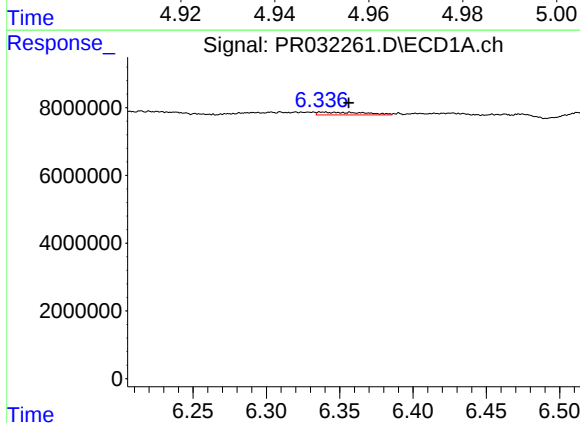
R.T.: 6.015 min
Delta R.T.: -0.012 min
Response: 730246
Conc: 6.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



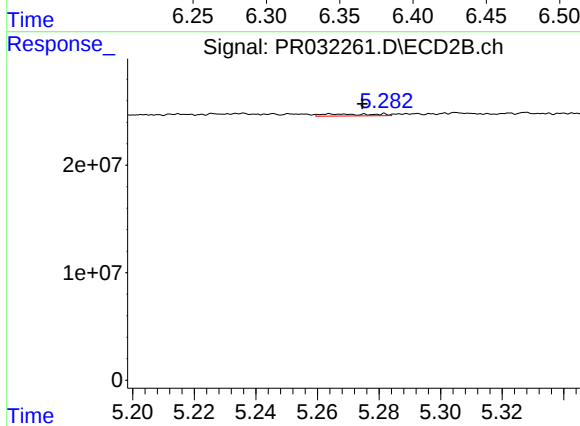
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 659999
Conc: 1.20 ng/ml



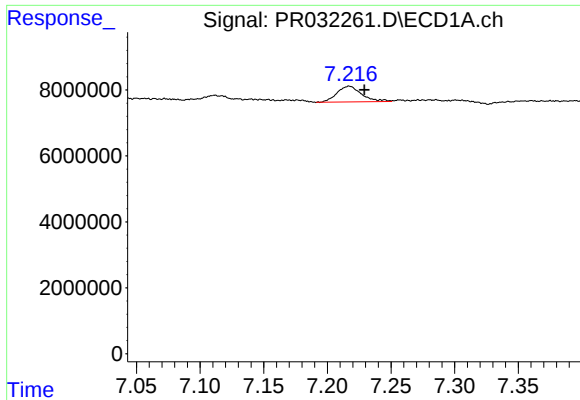
#14 AR-1232-4

R.T.: 6.338 min
Delta R.T.: -0.018 min
Response: 1871914
Conc: 24.81 ng/ml



#14 AR-1232-4

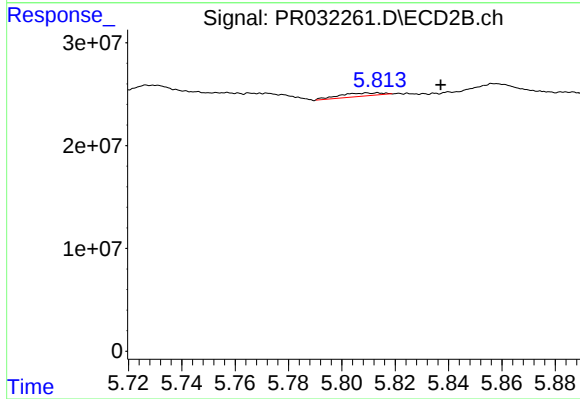
R.T.: 5.264 min
Delta R.T.: -0.010 min
Response: 2131617
Conc: 3.03 ng/ml



#15 AR-1232-5

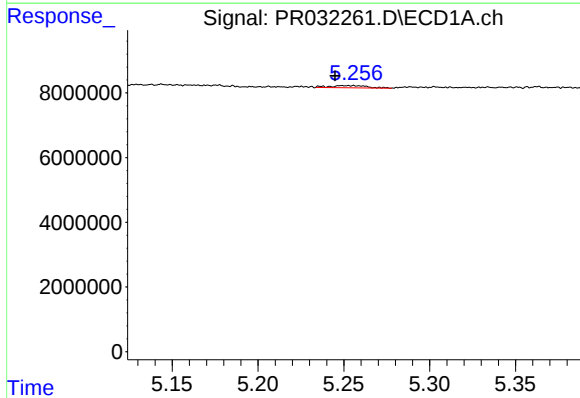
R.T.: 7.217 min
Delta R.T.: -0.012 min
Response: 6398805
Conc: 98.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



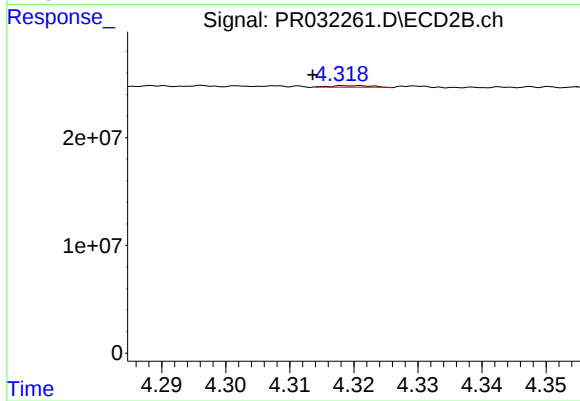
#15 AR-1232-5

R.T.: 5.814 min
Delta R.T.: -0.023 min
Response: 3312017
Conc: 40.01 ng/ml



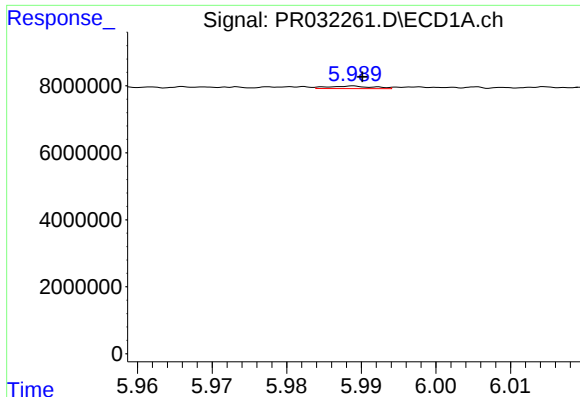
#16 AR-1242-1

R.T.: 5.255 min
Delta R.T.: 0.010 min
Response: 977044
Conc: 4.37 ng/ml



#16 AR-1242-1

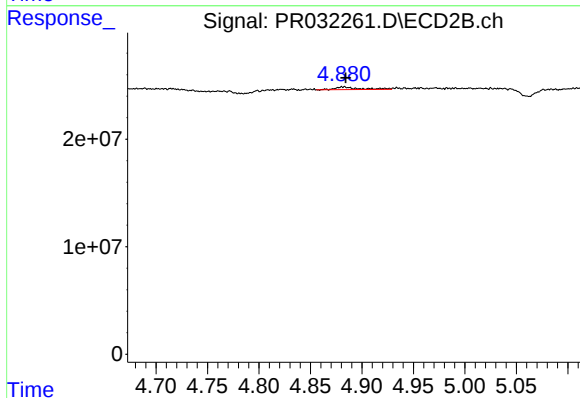
R.T.: 4.320 min
Delta R.T.: 0.006 min
Response: 648959
Conc: 1.21 ng/ml



#17 AR-1242-2

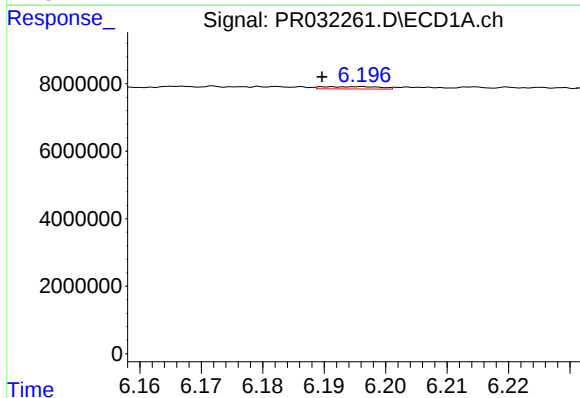
R.T.: 5.989 min
Delta R.T.: -0.002 min
Response: 323919
Conc: 0.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



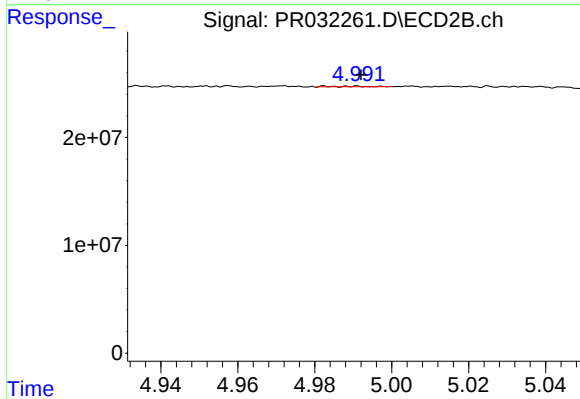
#17 AR-1242-2

R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 3807641
Conc: 3.39 ng/ml



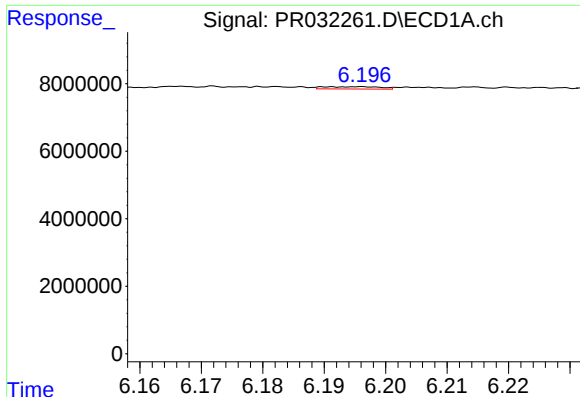
#18 AR-1242-3

R.T.: 6.196 min
Delta R.T.: 0.006 min
Response: 454880
Conc: 2.07 ng/ml



#18 AR-1242-3

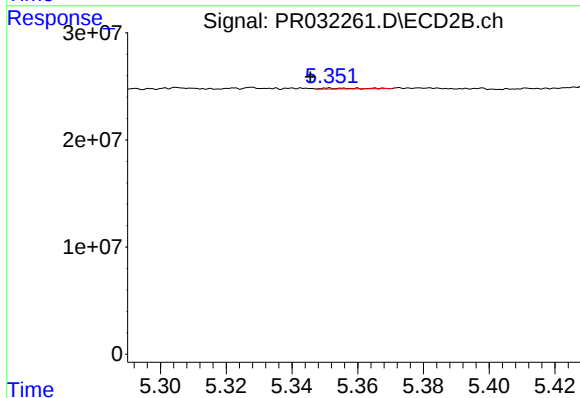
R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 346397
Conc: 0.87 ng/ml



#19 AR-1242-4

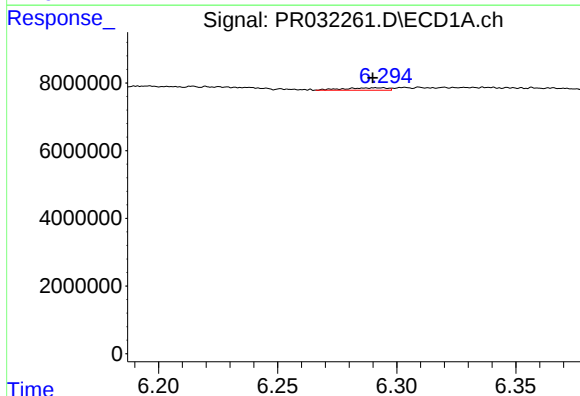
R.T.: 6.196 min
Delta R.T.: -0.038 min
Response: 454880
Conc: 2.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



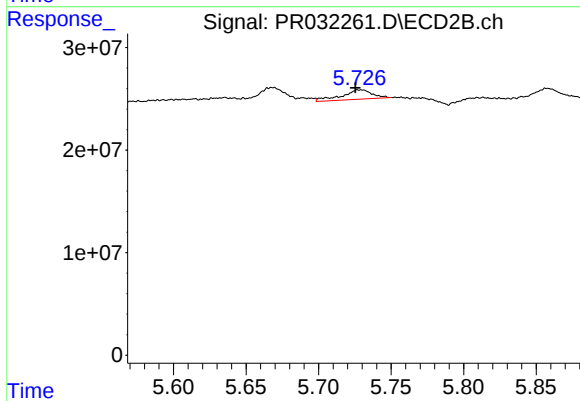
#19 AR-1242-4

R.T.: 5.352 min
Delta R.T.: 0.006 min
Response: 556152
Conc: 1.49 ng/ml



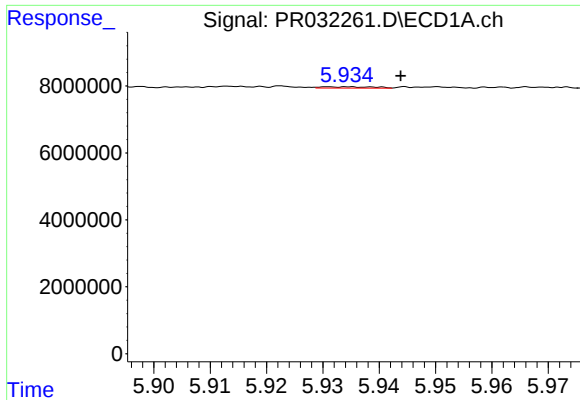
#20 AR-1242-5

R.T.: 6.292 min
Delta R.T.: 0.002 min
Response: 878720
Conc: 1.59 ng/ml



#20 AR-1242-5

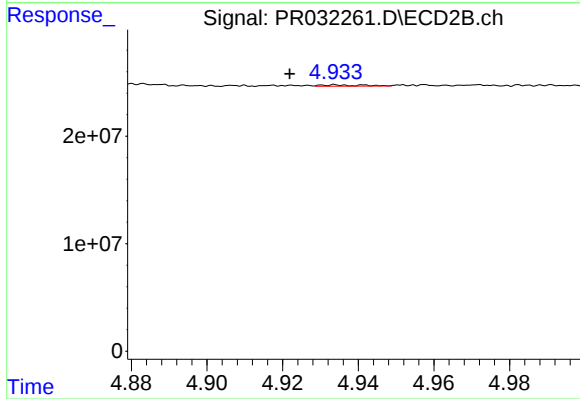
R.T.: 5.728 min
Delta R.T.: 0.003 min
Response: 13515543
Conc: 16.14 ng/ml



#21 AR-1248-1

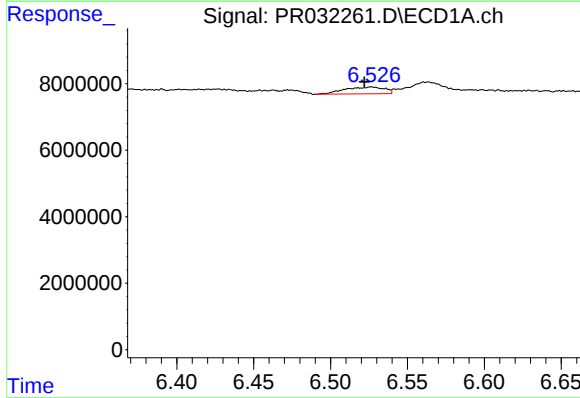
R.T.: 5.938 min
Delta R.T.: -0.006 min
Response: 260909
Conc: 0.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



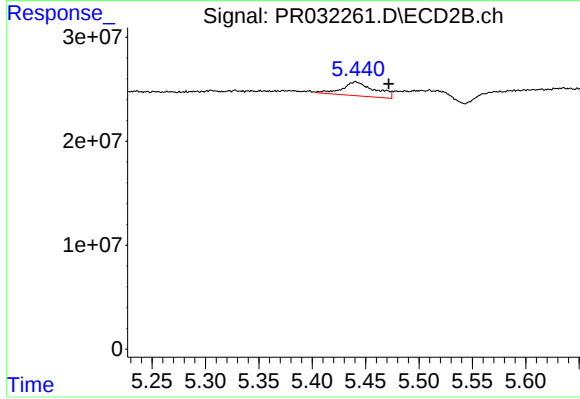
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: 0.012 min
Response: 907367
Conc: 0.32 ng/ml



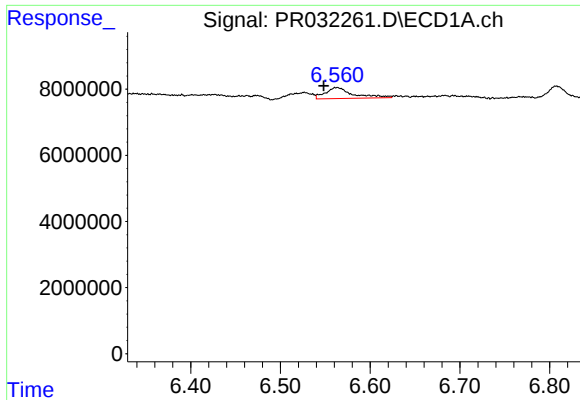
#22 AR-1248-2

R.T.: 6.527 min
Delta R.T.: 0.005 min
Response: 3664050
Conc: 2.81 ng/ml



#22 AR-1248-2

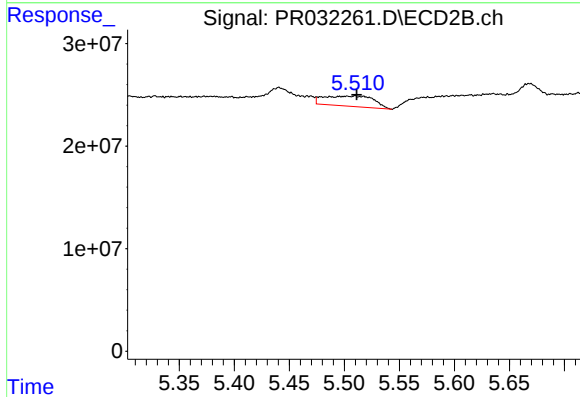
R.T.: 5.441 min
Delta R.T.: -0.031 min
Response: 28331620
Conc: 4.96 ng/ml



#23 AR-1248-3

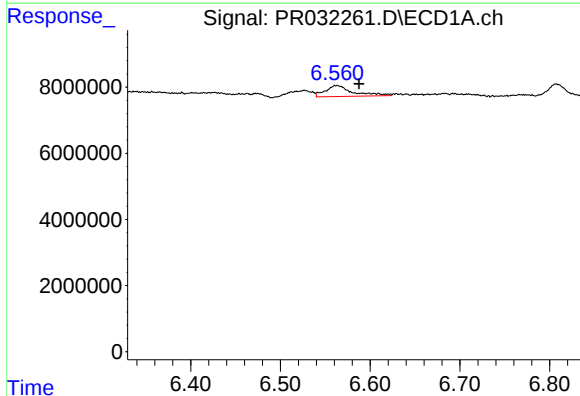
R.T.: 6.563 min
Delta R.T.: 0.015 min
Response: 7176681
Conc: 4.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



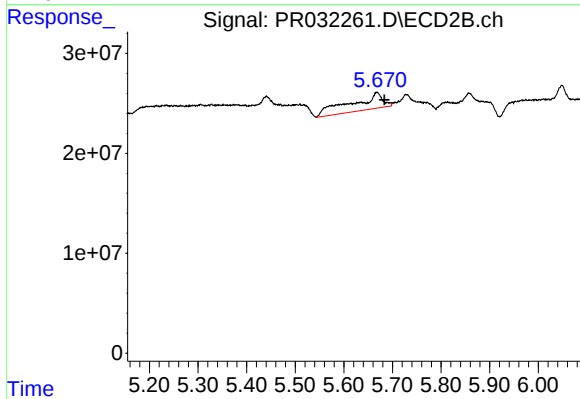
#23 AR-1248-3

R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 31451948
Conc: 7.25 ng/ml



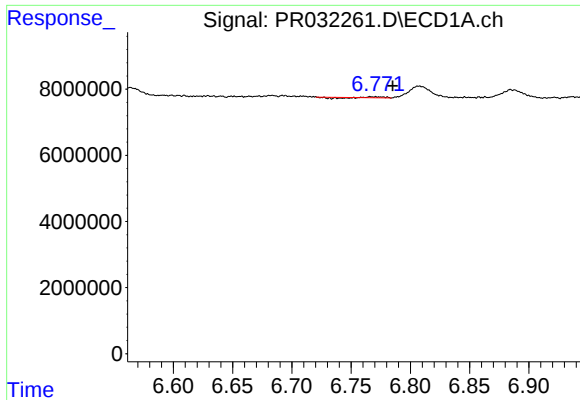
#24 AR-1248-4

R.T.: 6.563 min
Delta R.T.: -0.025 min
Response: 7176681
Conc: 4.24 ng/ml



#24 AR-1248-4

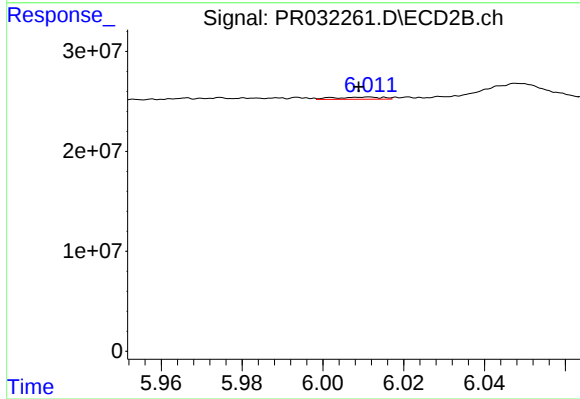
R.T.: 5.668 min
Delta R.T.: -0.015 min
Response: 74637655
Conc: 18.86 ng/ml



#25 AR-1248-5

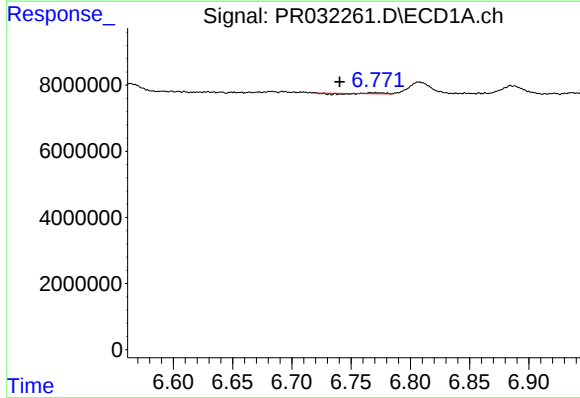
R.T.: 6.767 min
Delta R.T.: -0.018 min
Response: 35220
Conc: 0.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



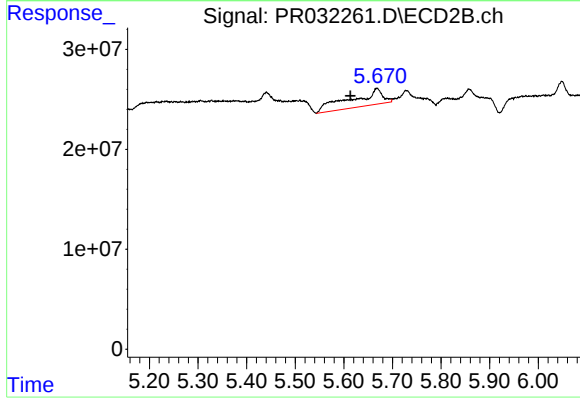
#25 AR-1248-5

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 1879468
Conc: 0.74 ng/ml



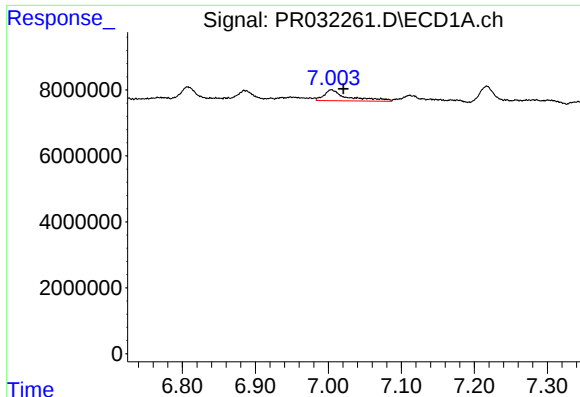
#26 AR-1254-1

R.T.: 6.767 min
Delta R.T.: 0.026 min
Response: 35220
Conc: 0.02 ng/ml



#26 AR-1254-1

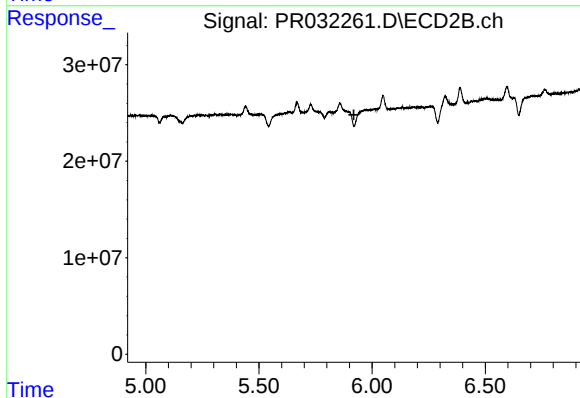
R.T.: 5.668 min
Delta R.T.: 0.054 min
Response: 74637655
Conc: 23.86 ng/ml



#27 AR-1254-2

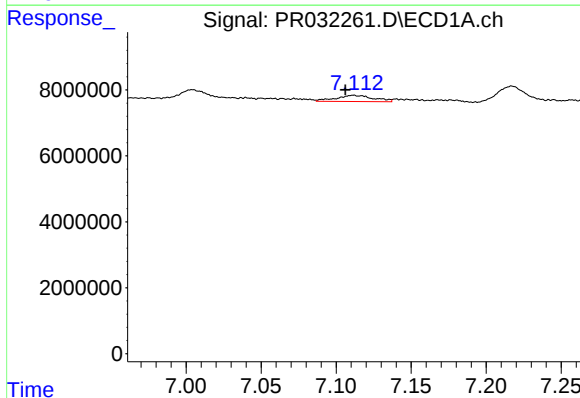
R.T.: 7.004 min
Delta R.T.: -0.017 min
Response: 7509590
Conc: 7.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



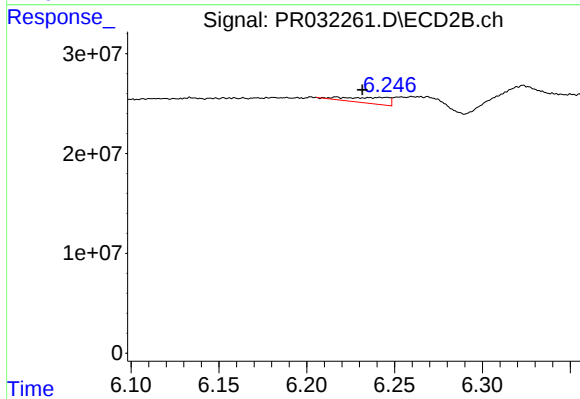
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.920 min
Response: 0
Conc: N.D.



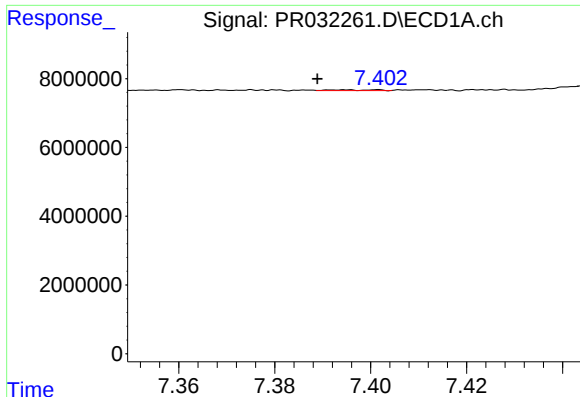
#28 AR-1254-3

R.T.: 7.111 min
Delta R.T.: 0.005 min
Response: 3261304
Conc: 1.83 ng/ml



#28 AR-1254-3

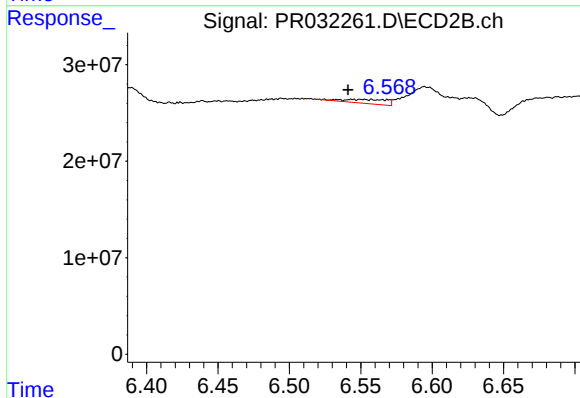
R.T.: 6.217 min
Delta R.T.: -0.015 min
Response: 9939593
Conc: 3.08 ng/ml



#29 AR-1254-4

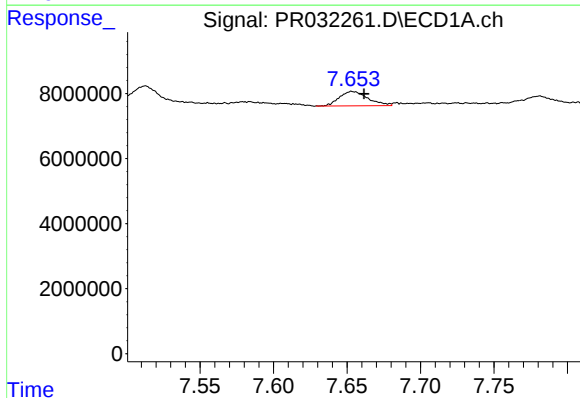
R.T.: 7.394 min
Delta R.T.: 0.005 min
Response: 149489
Conc: 0.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



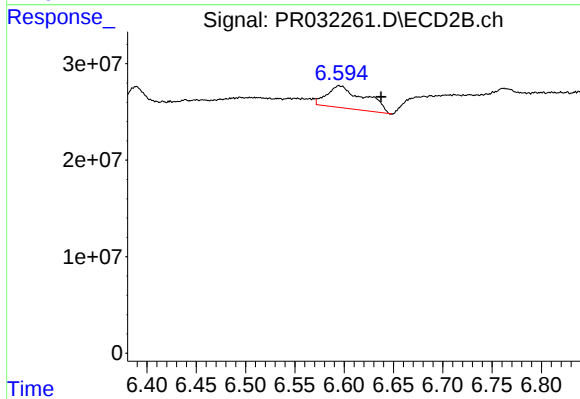
#29 AR-1254-4

R.T.: 6.544 min
Delta R.T.: 0.003 min
Response: 9186462
Conc: 4.88 ng/ml



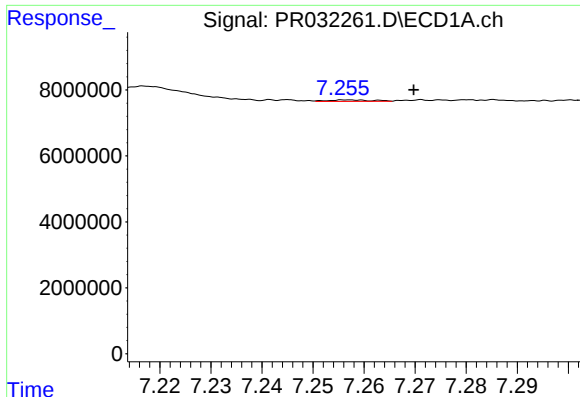
#30 AR-1254-5

R.T.: 7.654 min
Delta R.T.: -0.008 min
Response: 5994386
Conc: 6.26 ng/ml



#30 AR-1254-5

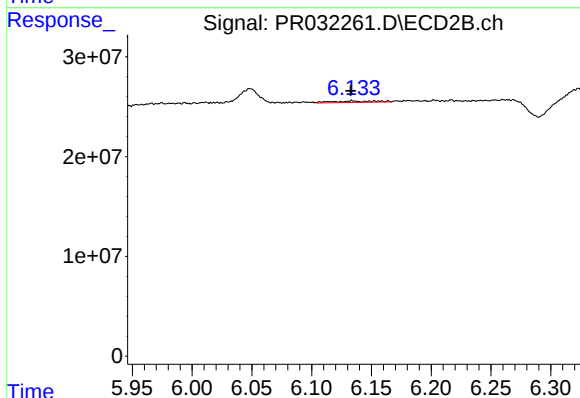
R.T.: 6.595 min
Delta R.T.: -0.042 min
Response: 60543243
Conc: 27.50 ng/ml



#31 AR-1260-1

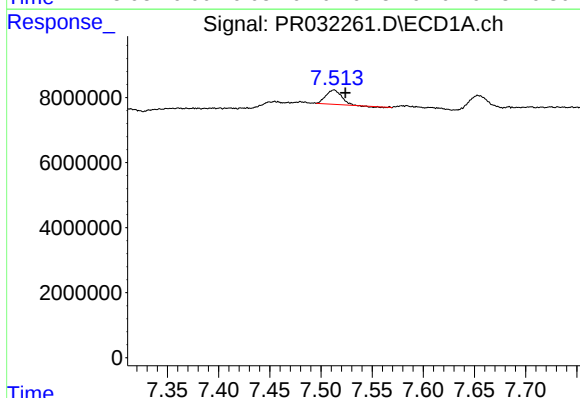
R.T.: 7.257 min
Delta R.T.: -0.013 min
Response: 261461
Conc: 0.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



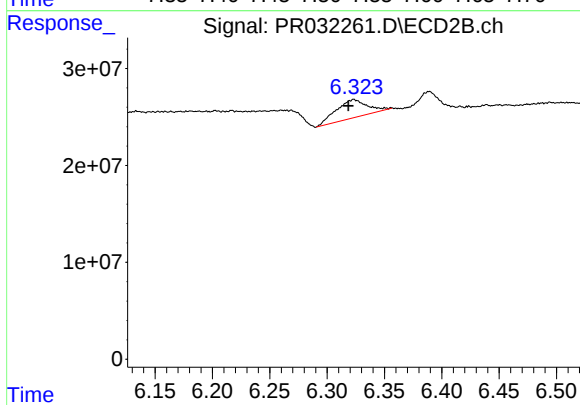
#31 AR-1260-1

R.T.: 6.134 min
Delta R.T.: 0.001 min
Response: 3643736
Conc: 1.10 ng/ml



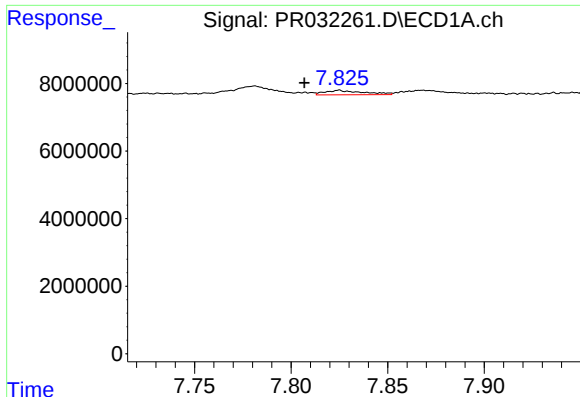
#32 AR-1260-2

R.T.: 7.513 min
Delta R.T.: -0.011 min
Response: 4474576
Conc: 2.70 ng/ml



#32 AR-1260-2

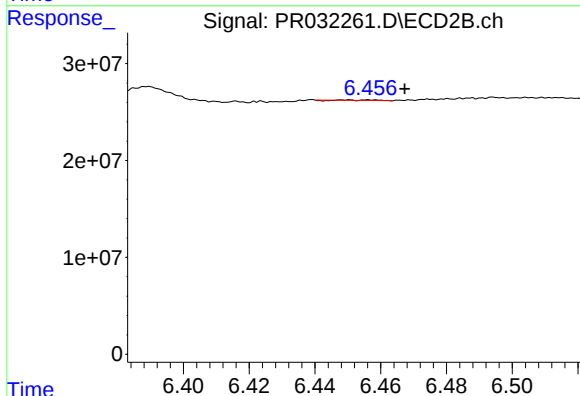
R.T.: 6.323 min
Delta R.T.: 0.005 min
Response: 37441399
Conc: 9.16 ng/ml



#33 AR-1260-3

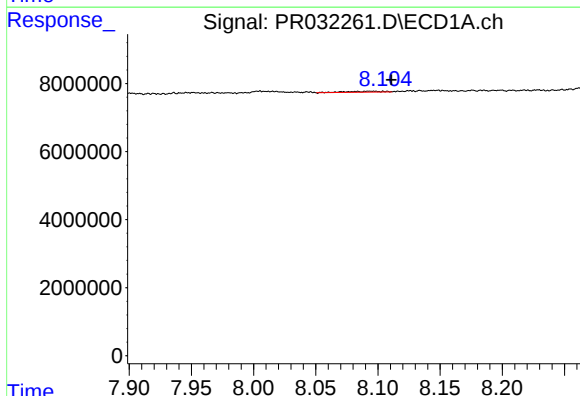
R.T.: 7.825 min
Delta R.T.: 0.018 min
Response: 1837953
Conc: 0.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



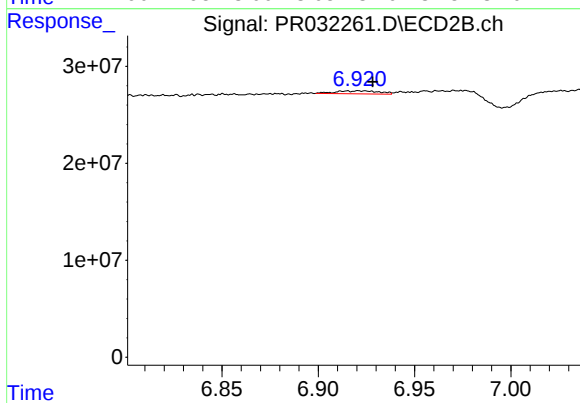
#33 AR-1260-3

R.T.: 6.450 min
Delta R.T.: -0.018 min
Response: 236195
Conc: 0.07 ng/ml



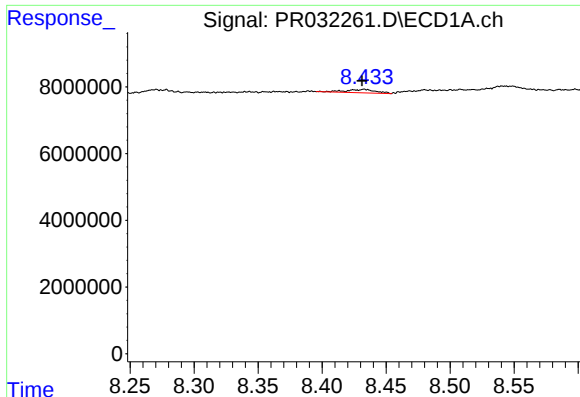
#34 AR-1260-4

R.T.: 8.097 min
Delta R.T.: -0.014 min
Response: 501842
Conc: 0.36 ng/ml



#34 AR-1260-4

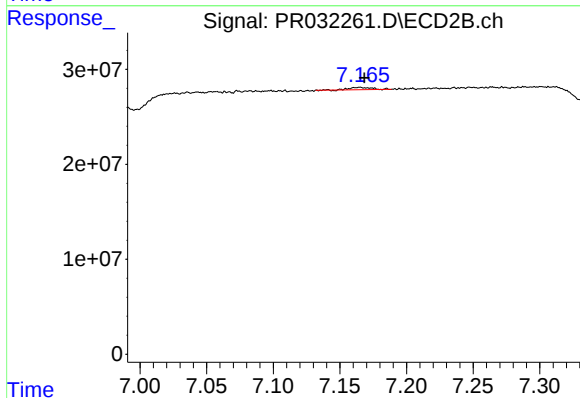
R.T.: 6.921 min
Delta R.T.: -0.007 min
Response: 4869017
Conc: 2.43 ng/ml



#35 AR-1260-5

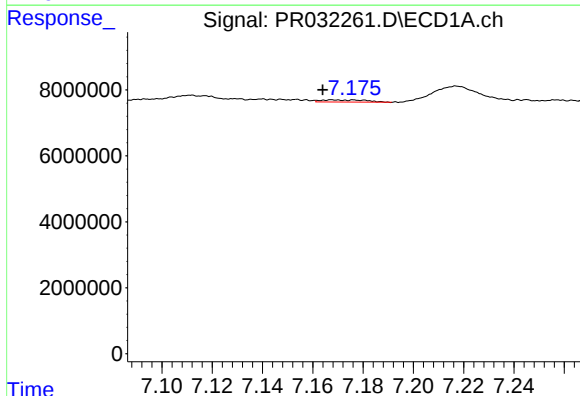
R.T.: 8.433 min
Delta R.T.: 0.002 min
Response: 1610872
Conc: 0.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



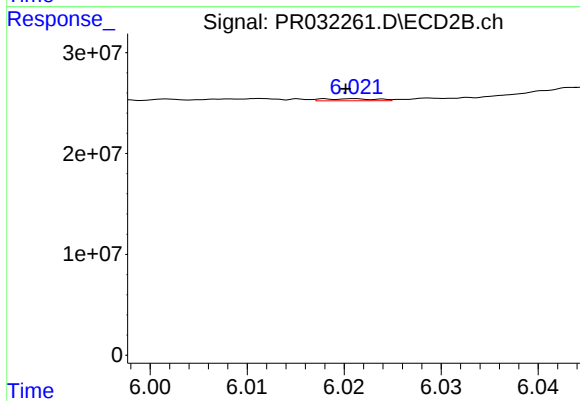
#35 AR-1260-5

R.T.: 7.165 min
Delta R.T.: -0.003 min
Response: 2838851
Conc: 0.70 ng/ml



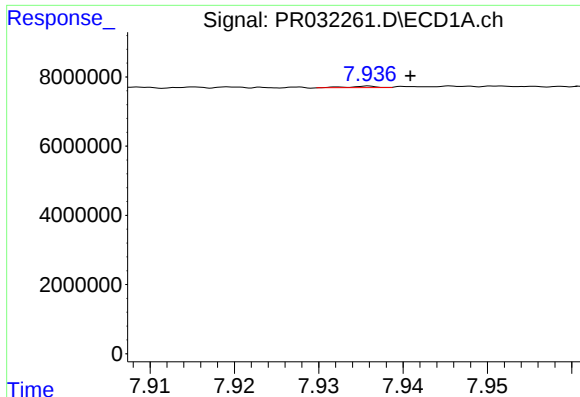
#36 AR-1262-1

R.T.: 7.176 min
Delta R.T.: 0.012 min
Response: 785715
Conc: 1.03 ng/ml



#36 AR-1262-1

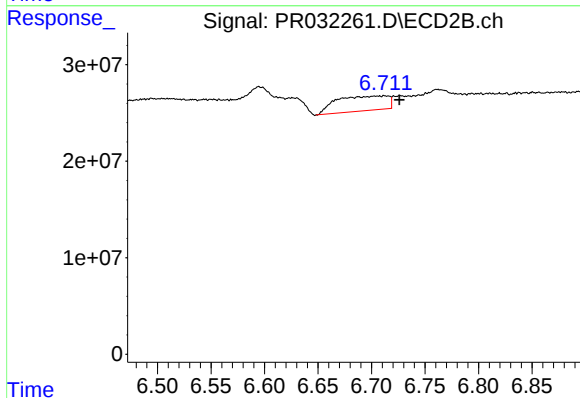
R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 776074
Conc: 0.45 ng/ml



#37 AR-1262-2

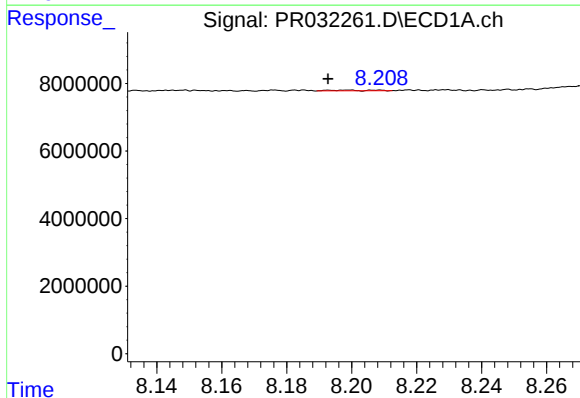
R.T.: 7.936 min
Delta R.T.: -0.005 min
Response: 100655
Conc: 0.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



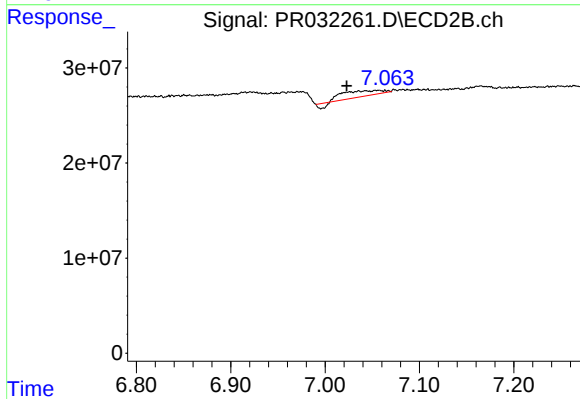
#37 AR-1262-2

R.T.: 6.712 min
Delta R.T.: -0.014 min
Response: 51620114
Conc: 36.31 ng/ml



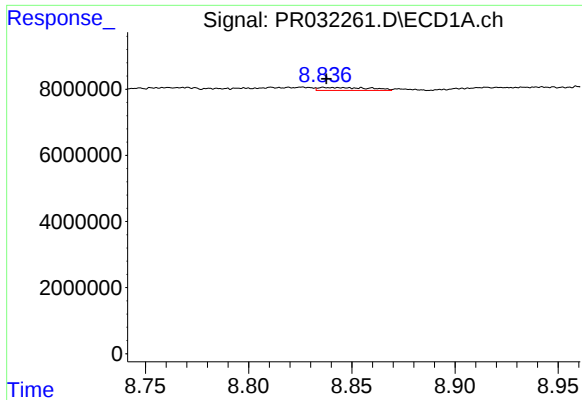
#38 AR-1262-3

R.T.: 8.199 min
Delta R.T.: 0.006 min
Response: 184871
Conc: 0.30 ng/ml



#38 AR-1262-3

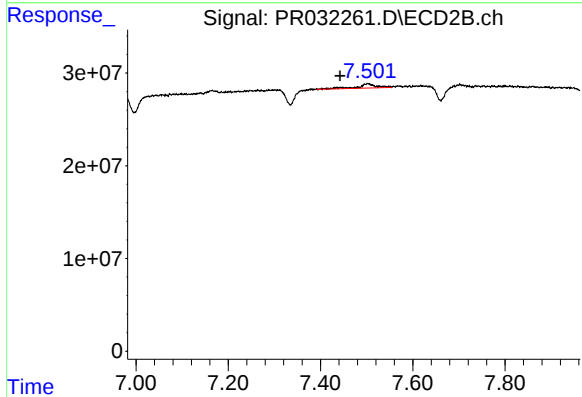
R.T.: 7.056 min
Delta R.T.: 0.033 min
Response: 14958947
Conc: 14.71 ng/ml



#39 AR-1262-4

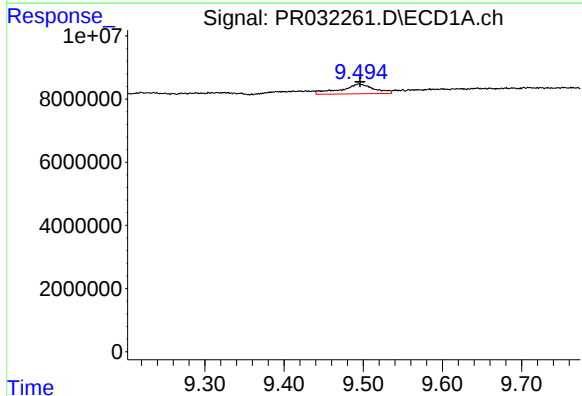
R.T.: 8.837 min
Delta R.T.: 0.000 min
Response: 1556361
Conc: 0.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



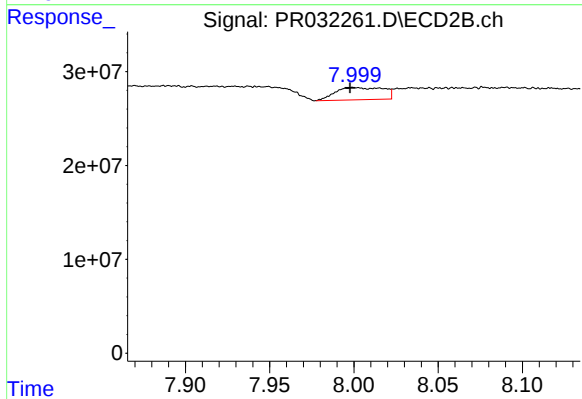
#39 AR-1262-4

R.T.: 7.503 min
Delta R.T.: 0.060 min
Response: 12510260
Conc: 7.39 ng/ml



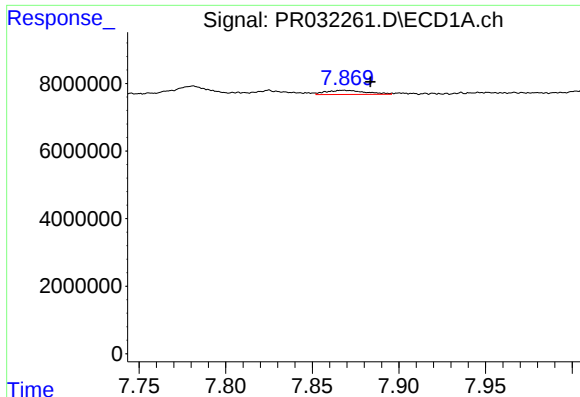
#40 AR-1262-5

R.T.: 9.495 min
Delta R.T.: -0.001 min
Response: 9015800
Conc: 6.66 ng/ml



#40 AR-1262-5

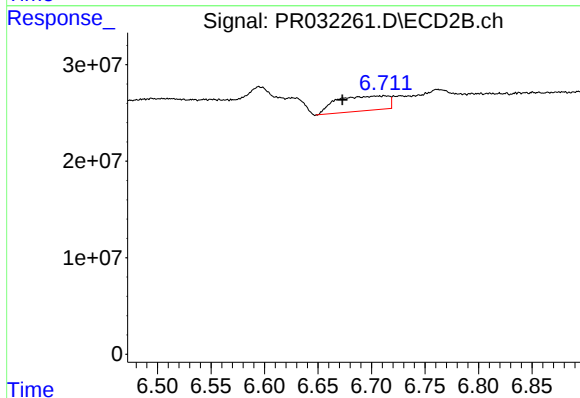
R.T.: 8.000 min
Delta R.T.: 0.003 min
Response: 25790904
Conc: 24.46 ng/ml



#41 AR-1268-1

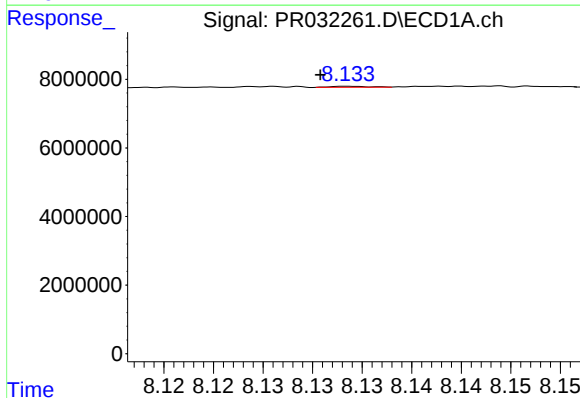
R.T.: 7.868 min
Delta R.T.: -0.016 min
Response: 1954266
Conc: 2.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



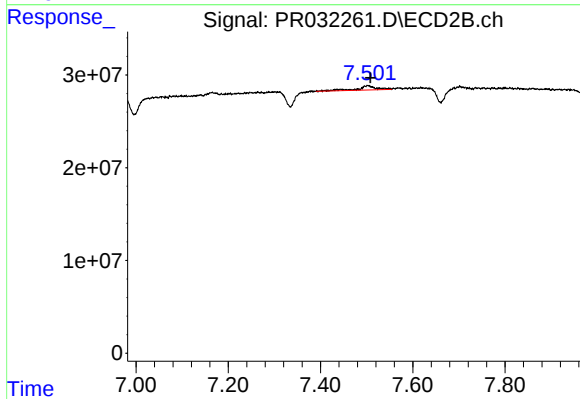
#41 AR-1268-1

R.T.: 6.712 min
Delta R.T.: 0.039 min
Response: 51620114
Conc: 36.85 ng/ml



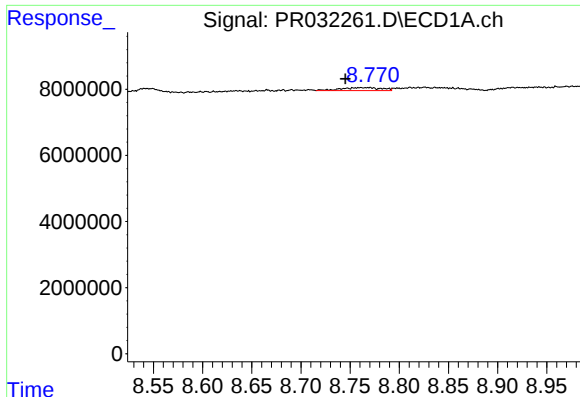
#42 AR-1268-2

R.T.: 8.134 min
Delta R.T.: 0.003 min
Response: 76750
Conc: 0.08 ng/ml



#42 AR-1268-2

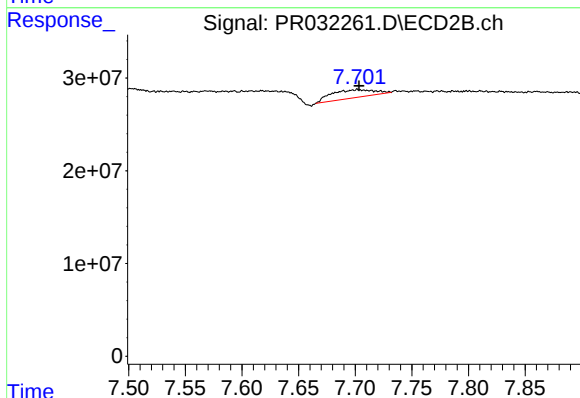
R.T.: 7.503 min
Delta R.T.: -0.006 min
Response: 12510260
Conc: 2.09 ng/ml



#43 AR-1268-3

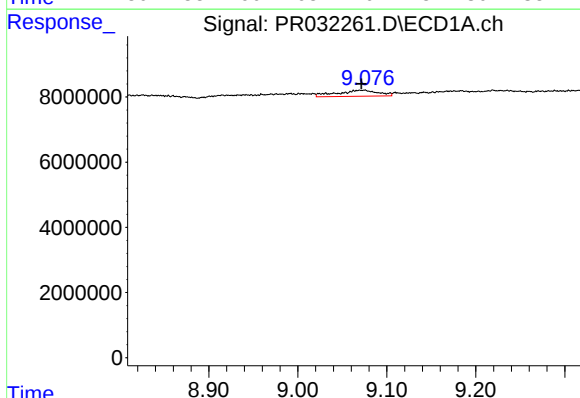
R.T.: 8.770 min
Delta R.T.: 0.024 min
Response: 2484180
Conc: 0.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



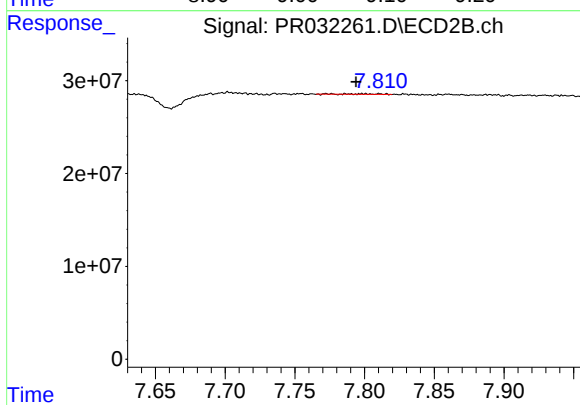
#43 AR-1268-3

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 22826503
Conc: 8.11 ng/ml



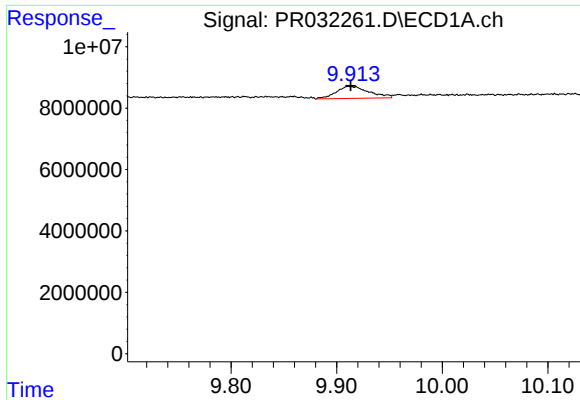
#44 AR-1268-4

R.T.: 9.075 min
Delta R.T.: 0.004 min
Response: 5926659
Conc: 1.73 ng/ml



#44 AR-1268-4

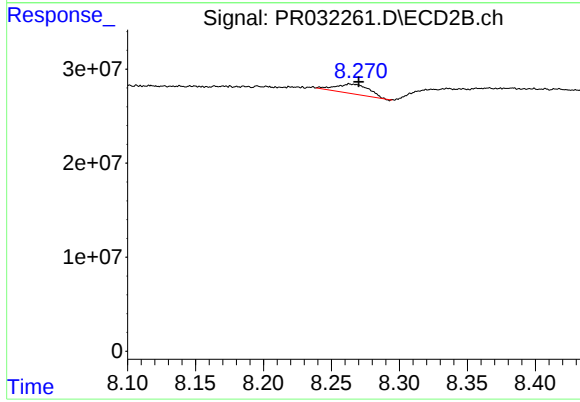
R.T.: 7.811 min
Delta R.T.: 0.017 min
Response: 581833
Conc: 0.73 ng/ml



#45 AR-1268-5

R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 8527341
Conc: 0.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.265 min
Delta R.T.: -0.005 min
Response: 17594556
Conc: 2.44 ng/ml