

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092418\
 Data File : PR032248.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2018 10:19
 Operator : SM\SJ
 Sample : J5051-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 02:38:14 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	3.645	337.6E6	593.5E6	16.980	14.183
2)	SA Decachlor...	10.250	8.498	405.8E6	312.2E6	13.854	13.883
Target Compounds							
3)	L1 AR-1016-1	5.219	4.294	7982056	19233223	15.352	16.623
4)	L1 AR-1016-2	5.412	4.699	-2093613	49818226	N.D.	28.970 #
5)	L1 AR-1016-3	5.653	4.699	1886726	49818226	2.309	15.758 #
6)	L1 AR-1016-4	5.739	4.741	11848135	45107946	16.549	25.200 #
7)	L1 AR-1016-5	6.168	5.142	30582666	21097236	50.095	12.513 #
8)	L2 AR-1221-1	4.715	3.811	15920835	121.0E6	59.377	227.749 #
9)	L2 AR-1221-2	4.794	3.944	45529057	-11806685	222.648	N.D. #
10)	L2 AR-1221-3	4.891	4.006	62210152	2037884	99.734	1.626 #
11)	L3 AR-1232-1	5.698	4.507	4059374	57138386	8.405	99.522 #
12)	L3 AR-1232-2	5.858	4.609	8837136	73774027	35.613	383.236 #
13)	L3 AR-1232-3	6.020	4.939	5484586	114.0E6	48.565	206.806 #
14)	L3 AR-1232-4	6.335	5.292	31130927	108.4E6	412.681	154.029 #
15)	L3 AR-1232-5	7.236	0.000	21978045	0	337.149	N.D. #
16)	L4 AR-1242-1	5.248	4.311	11889429	11870621	53.160	22.051 #
17)	L4 AR-1242-2	5.973	4.886	50993338	34832470	121.925	31.044 #
18)	L4 AR-1242-3	6.168	4.996	30582666	53648282	139.420	135.034
19)	L4 AR-1242-4	6.261	5.343	340031	12098719	2.013	32.496 #
20)	L4 AR-1242-5	6.287	5.737	3255424	22952859	5.875	27.405 #
21)	L5 AR-1248-1	5.939	4.939	14214277	114.0E6	11.350	39.929 #
22)	L5 AR-1248-2	6.554	5.471	18850637	40134899	14.468	7.027 #
23)	L5 AR-1248-3	6.554	5.497	18850637	68985537	10.629	15.901 #
24)	L5 AR-1248-4	6.594	5.660	6546692	47080794	3.867	11.896 #
25)	L5 AR-1248-5	6.798	6.004	8987326	-10302981	8.038	N.D. #
26)	L6 AR-1254-1	6.767	5.605	22575828	32197492	14.938	10.294 #
27)	L6 AR-1254-2	7.003	5.911	5345725	1195915	5.432	0.770 #
28)	L6 AR-1254-3	7.109	6.217	6793739	13979234	3.813	4.338
29)	L6 AR-1254-4	7.402	6.546	14577518	371406	10.382	0.197 #
30)	L6 AR-1254-5	7.681	6.632	5126482	22848092	5.357	10.376 #
31)	L7 AR-1260-1	7.282	6.121	2656611	18490484	2.033	5.582 #
32)	L7 AR-1260-2	7.534	6.319	12984360	45473068	7.843	11.125 #
34)	L7 AR-1260-4	8.077	6.928	8707949	15538989	6.308	7.749
35)	L7 AR-1260-5	8.436	7.168	34536062	3317656	11.290	0.813 #
36)	L8 AR-1262-1	7.176	6.004	6921338	-10302981	9.110	N.D. #
37)	L8 AR-1262-2	7.941	6.704	4783194	146.9E6	6.761	103.321 #
38)	L8 AR-1262-3	8.191	7.021	-385766	9832886	N.D.	9.669 #
39)	L8 AR-1262-4	8.842	7.423	24303171	8217637	13.406	4.857 #
40)	L8 AR-1262-5	9.498	8.041	1963813	113.5E6	1.450	107.614 #
41)	L9 AR-1268-1	7.893	6.704	6535208	146.9E6	9.228	104.872 #
42)	L9 AR-1268-2	8.159	7.479	3468218	30775396	3.751	5.135 #

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 ALS Vial : 9 Sample Multiplier: 1

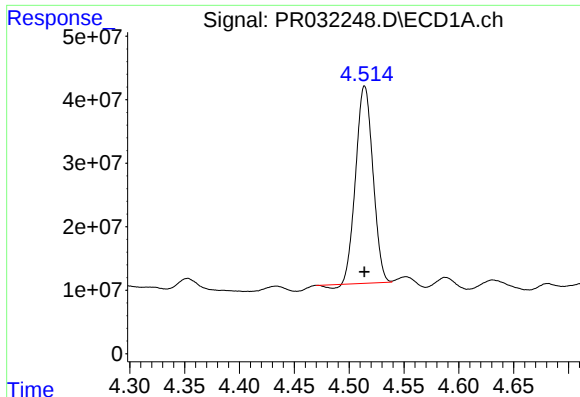
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 02:38:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
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 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	8.739	7.702	3607809	40320887	0.846	14.334 #
44) L9	AR-1268-4	9.072	7.806	11731001	-2360095	3.419	N.D. #
45) L9	AR-1268-5	9.915	8.266	10563108	27821037	1.037	3.851 #

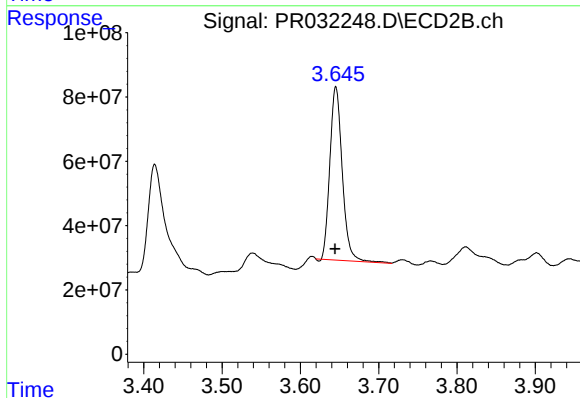
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

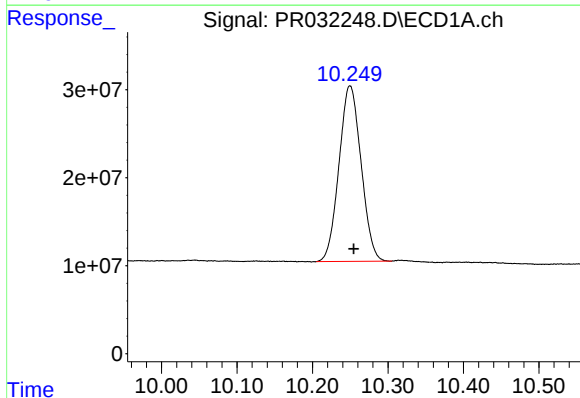
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 337573202
Conc: 16.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



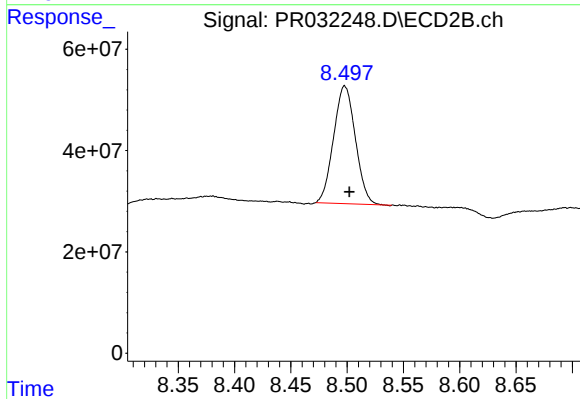
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.001 min
Response: 593487932
Conc: 14.18 ng/ml



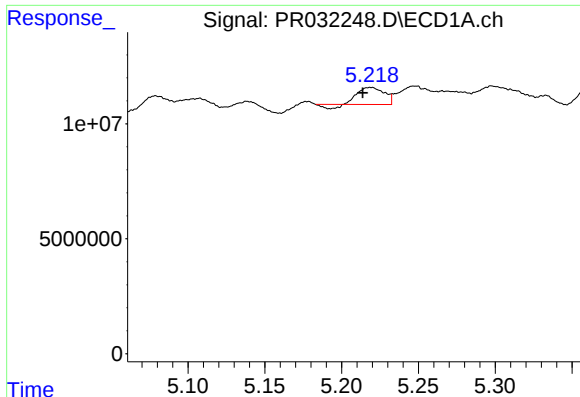
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.005 min
Response: 405804451
Conc: 13.85 ng/ml



#2 Decachlorobiphenyl

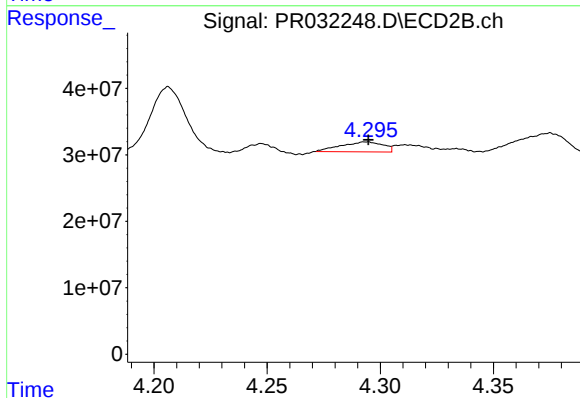
R.T.: 8.498 min
Delta R.T.: -0.004 min
Response: 312175185
Conc: 13.88 ng/ml



#3 AR-1016-1

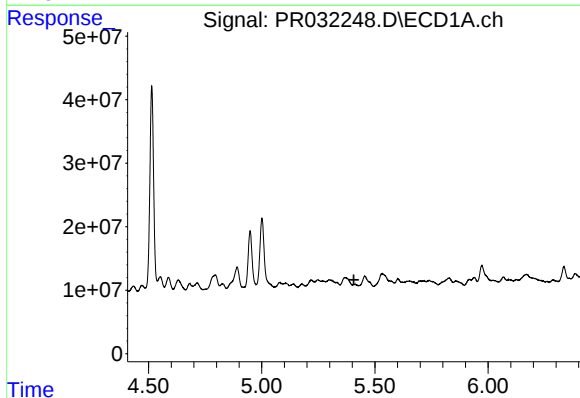
R.T.: 5.219 min
Delta R.T.: 0.005 min
Response: 7982056
Conc: 15.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



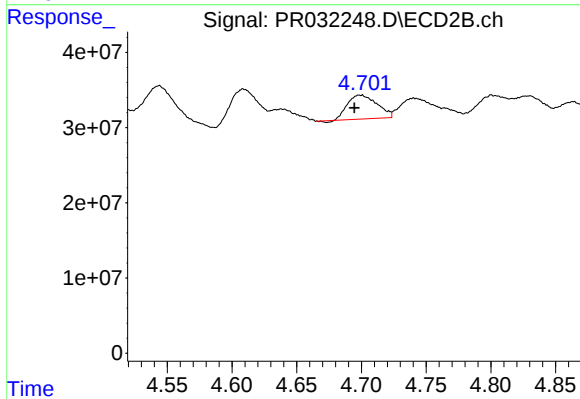
#3 AR-1016-1

R.T.: 4.294 min
Delta R.T.: 0.000 min
Response: 19233223
Conc: 16.62 ng/ml



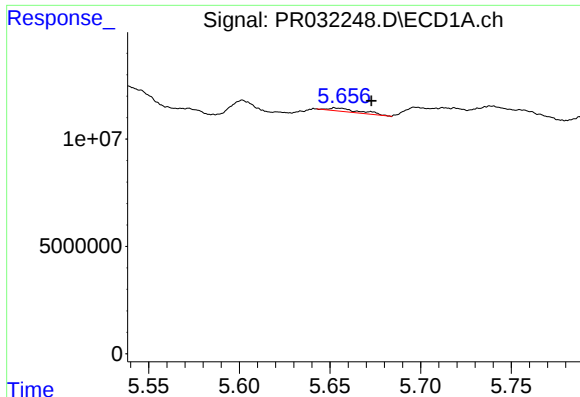
#4 AR-1016-2

R.T.: 5.412 min
Delta R.T.: 0.005 min
Response: -2093613
Conc: N.D.



#4 AR-1016-2

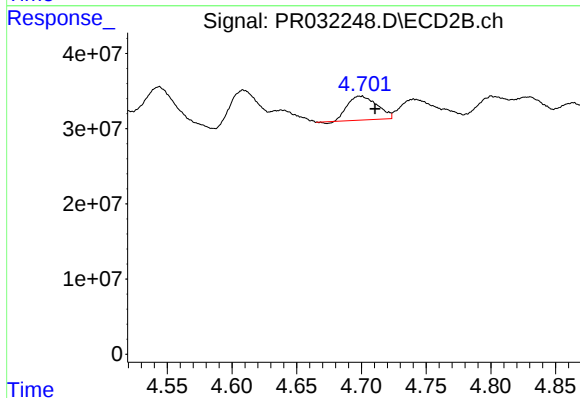
R.T.: 4.699 min
Delta R.T.: 0.005 min
Response: 49818226
Conc: 28.97 ng/ml



#5 AR-1016-3

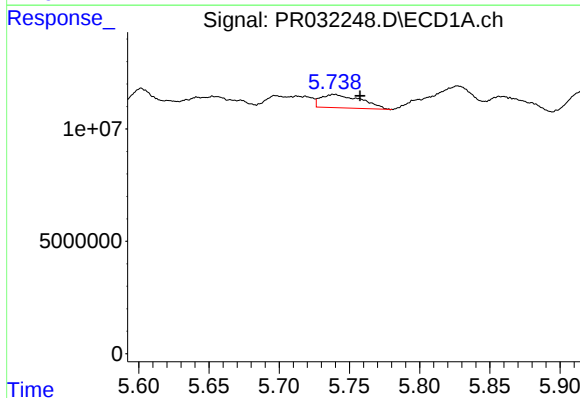
R.T.: 5.653 min
Delta R.T.: -0.020 min
Response: 1886726
Conc: 2.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



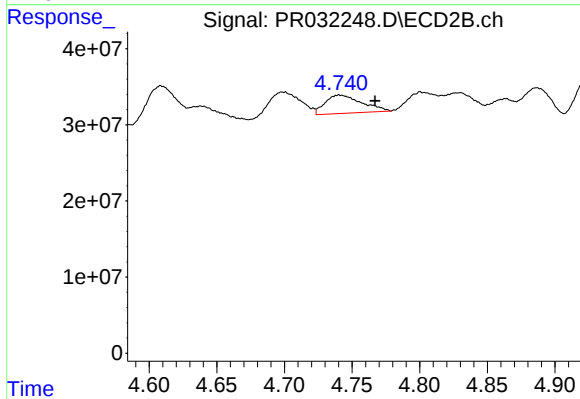
#5 AR-1016-3

R.T.: 4.699 min
Delta R.T.: -0.011 min
Response: 49818226
Conc: 15.76 ng/ml



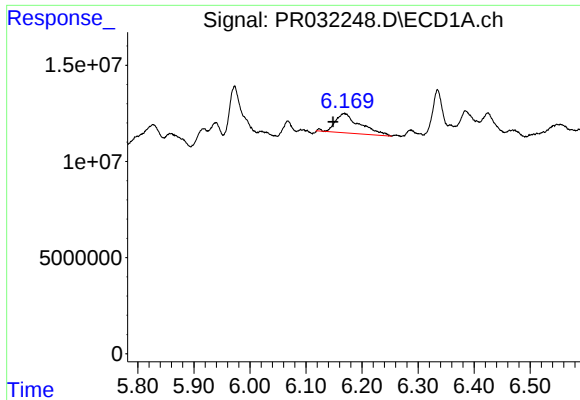
#6 AR-1016-4

R.T.: 5.739 min
Delta R.T.: -0.018 min
Response: 11848135
Conc: 16.55 ng/ml



#6 AR-1016-4

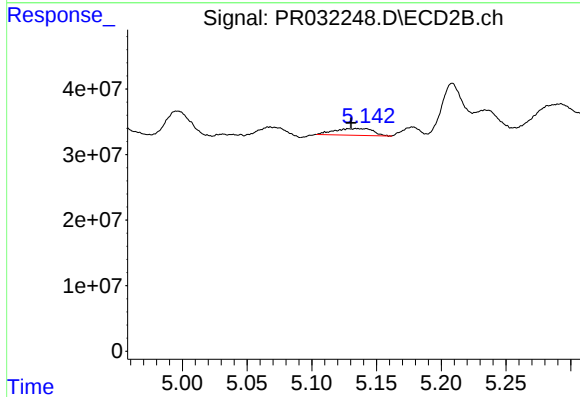
R.T.: 4.741 min
Delta R.T.: -0.026 min
Response: 45107946
Conc: 25.20 ng/ml



#7 AR-1016-5

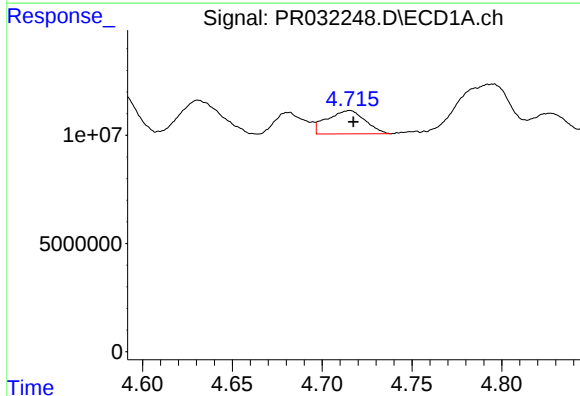
R.T.: 6.168 min
Delta R.T.: 0.020 min
Response: 30582666
Conc: 50.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



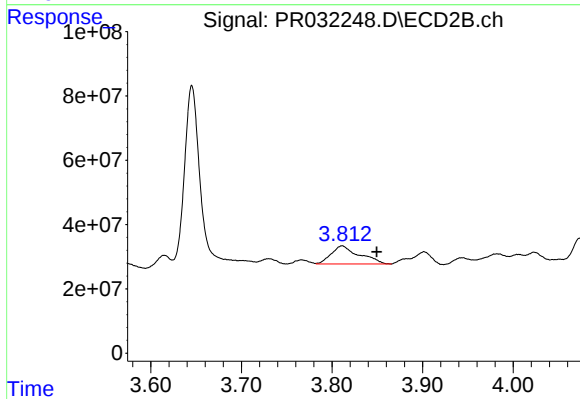
#7 AR-1016-5

R.T.: 5.142 min
Delta R.T.: 0.011 min
Response: 21097236
Conc: 12.51 ng/ml



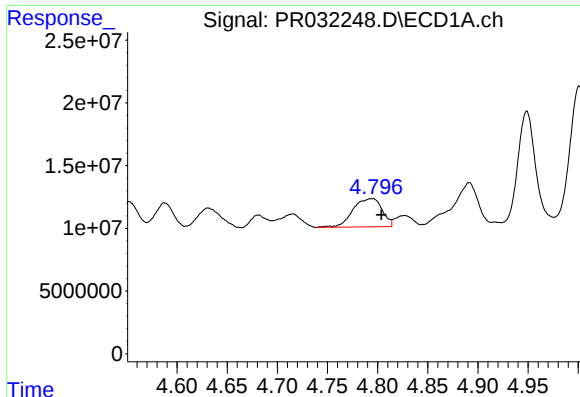
#8 AR-1221-1

R.T.: 4.715 min
Delta R.T.: -0.002 min
Response: 15920835
Conc: 59.38 ng/ml



#8 AR-1221-1

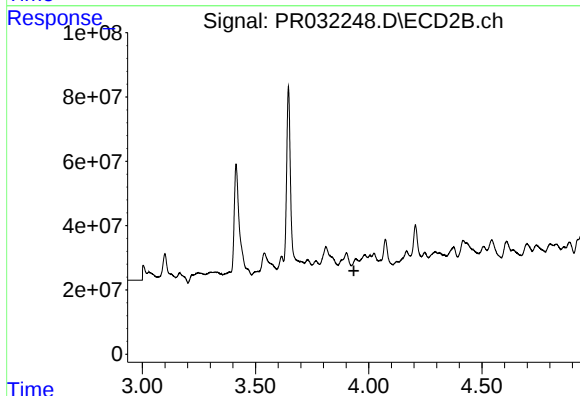
R.T.: 3.811 min
Delta R.T.: -0.038 min
Response: 121012078
Conc: 227.75 ng/ml



#9 AR-1221-2

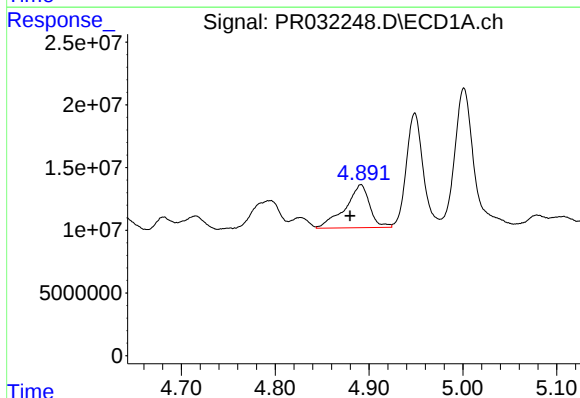
R.T.: 4.794 min
Delta R.T.: -0.009 min
Response: 45529057
Conc: 222.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



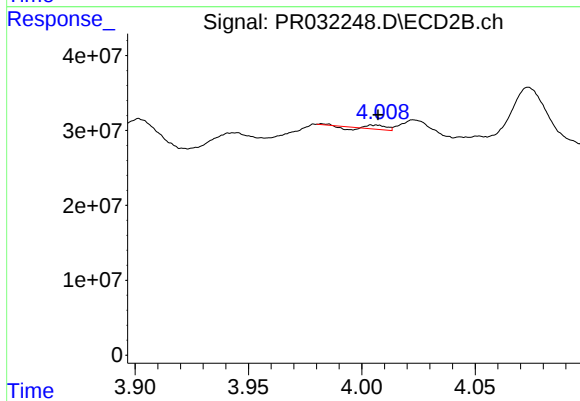
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: 0.009 min
Response: -11806685
Conc: N.D.



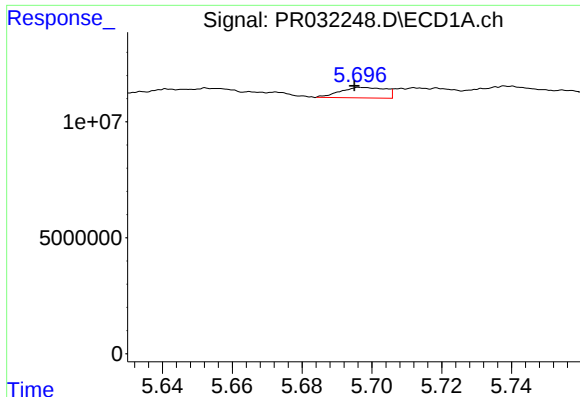
#10 AR-1221-3

R.T.: 4.891 min
Delta R.T.: 0.012 min
Response: 62210152
Conc: 99.73 ng/ml



#10 AR-1221-3

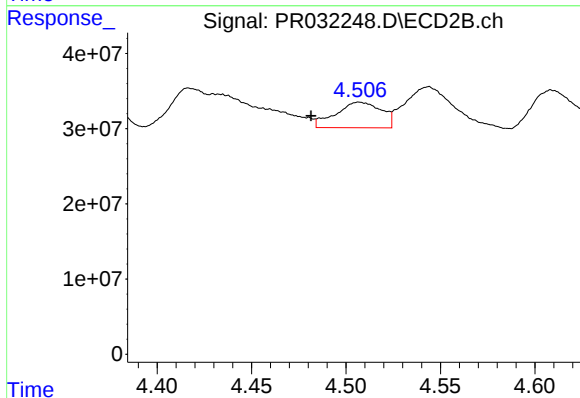
R.T.: 4.006 min
Delta R.T.: -0.001 min
Response: 2037884
Conc: 1.63 ng/ml



#11 AR-1232-1

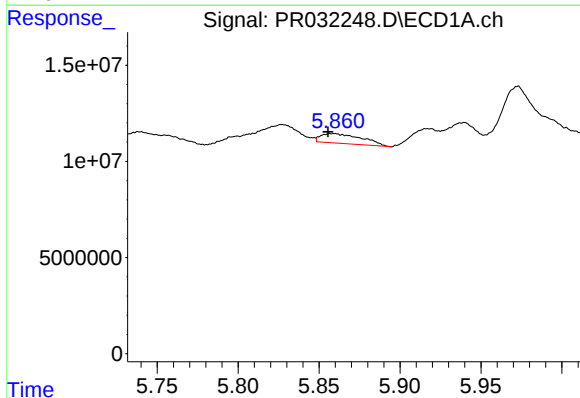
R.T.: 5.698 min
Delta R.T.: 0.003 min
Response: 4059374
Conc: 8.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



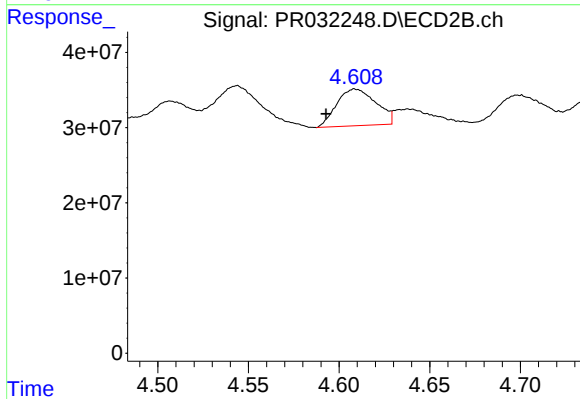
#11 AR-1232-1

R.T.: 4.507 min
Delta R.T.: 0.025 min
Response: 57138386
Conc: 99.52 ng/ml



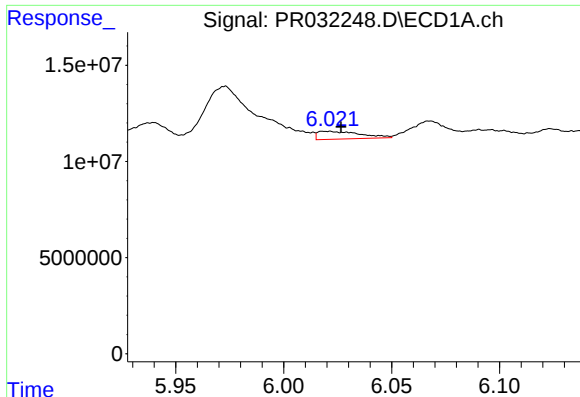
#12 AR-1232-2

R.T.: 5.858 min
Delta R.T.: 0.003 min
Response: 8837136
Conc: 35.61 ng/ml



#12 AR-1232-2

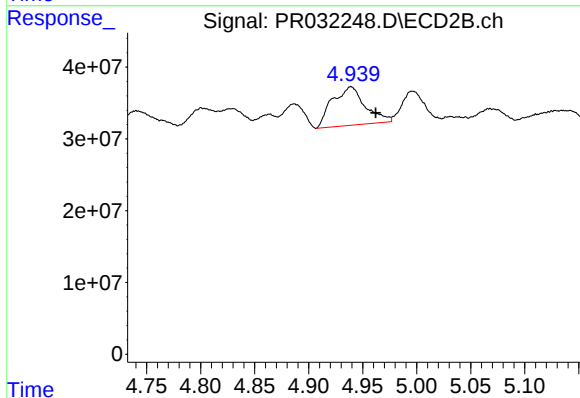
R.T.: 4.609 min
Delta R.T.: 0.016 min
Response: 73774027
Conc: 383.24 ng/ml



#13 AR-1232-3

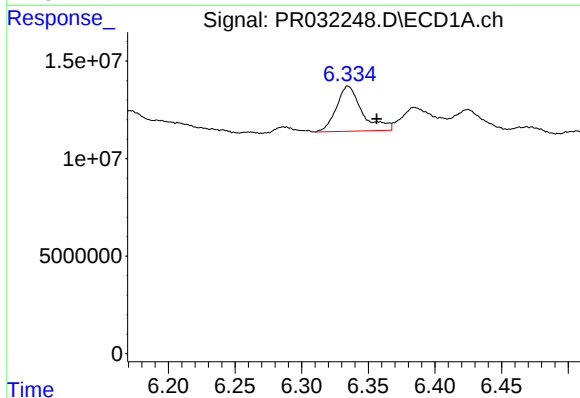
R.T.: 6.020 min
Delta R.T.: -0.007 min
Response: 5484586
Conc: 48.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



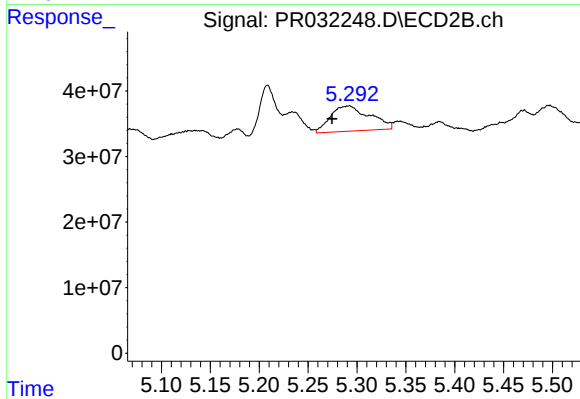
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: -0.023 min
Response: 113963036
Conc: 206.81 ng/ml



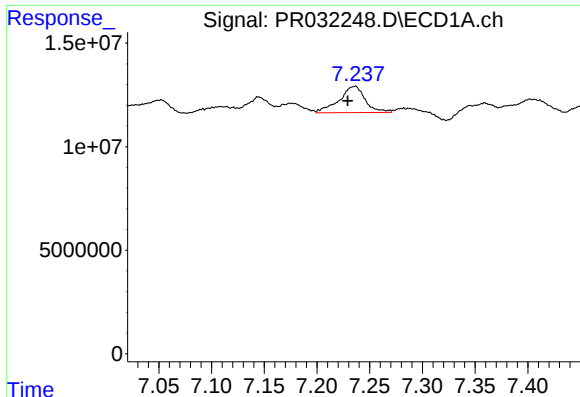
#14 AR-1232-4

R.T.: 6.335 min
Delta R.T.: -0.021 min
Response: 31130927
Conc: 412.68 ng/ml



#14 AR-1232-4

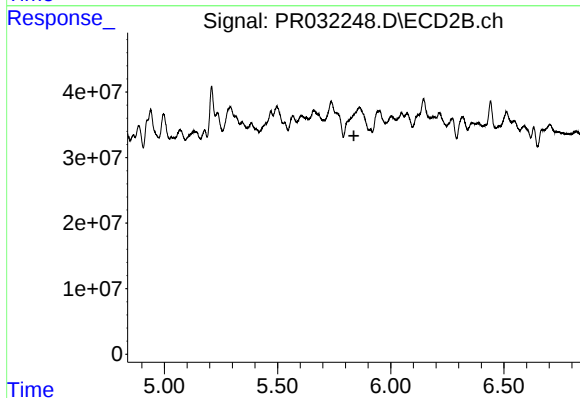
R.T.: 5.292 min
Delta R.T.: 0.017 min
Response: 108354792
Conc: 154.03 ng/ml



#15 AR-1232-5

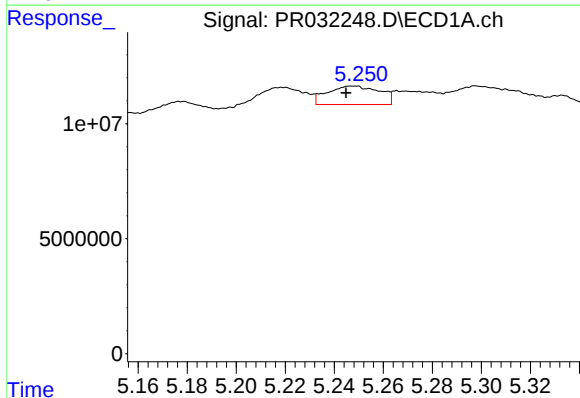
R.T.: 7.236 min
Delta R.T.: 0.007 min
Response: 21978045
Conc: 337.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



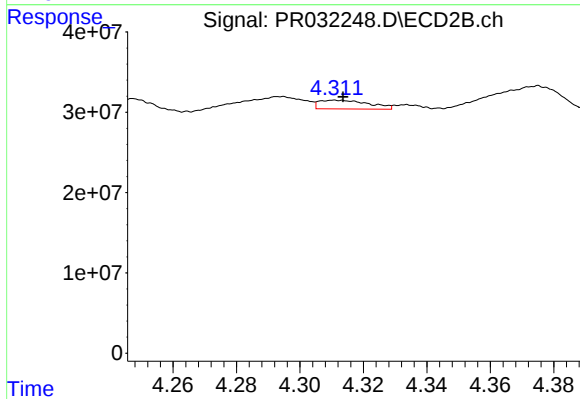
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.837 min
Response: 0
Conc: N.D.



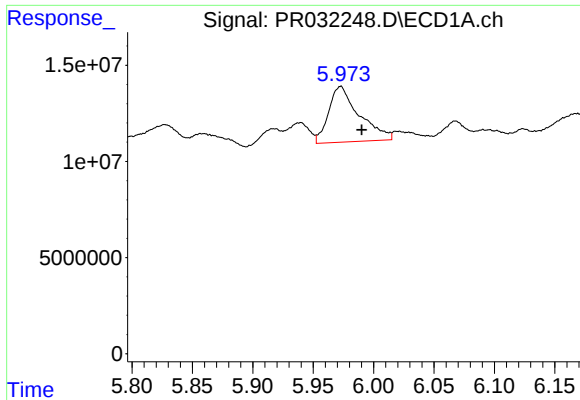
#16 AR-1242-1

R.T.: 5.248 min
Delta R.T.: 0.003 min
Response: 11889429
Conc: 53.16 ng/ml



#16 AR-1242-1

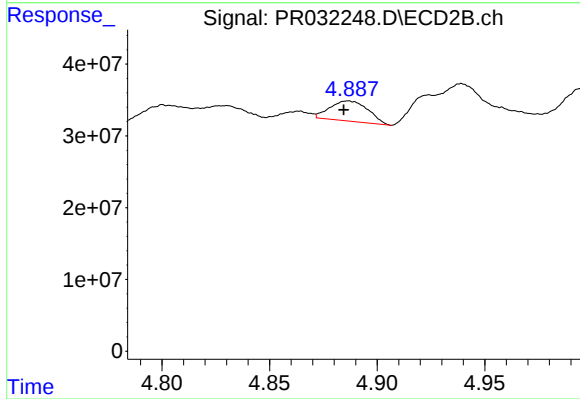
R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 11870621
Conc: 22.05 ng/ml



#17 AR-1242-2

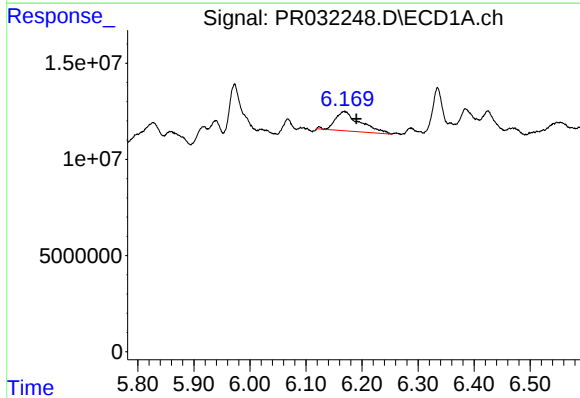
R.T.: 5.973 min
Delta R.T.: -0.017 min
Response: 50993338
Conc: 121.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



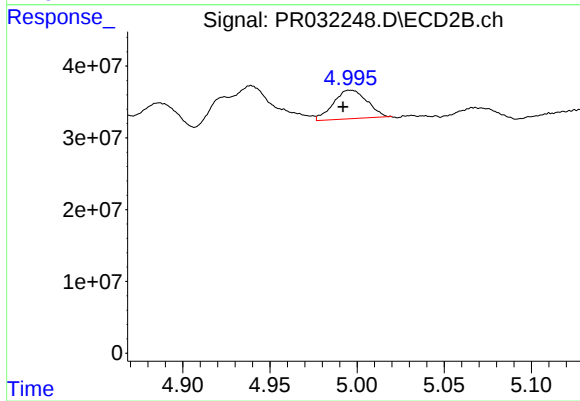
#17 AR-1242-2

R.T.: 4.886 min
Delta R.T.: 0.002 min
Response: 34832470
Conc: 31.04 ng/ml



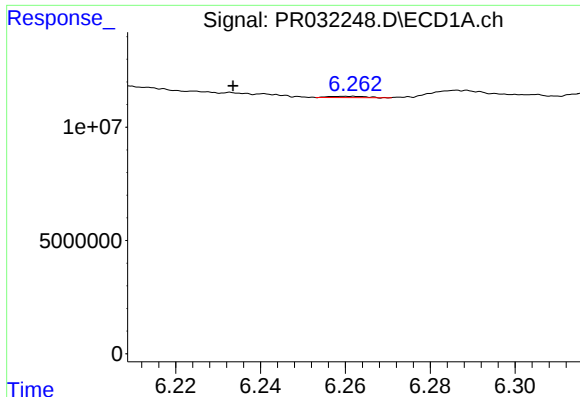
#18 AR-1242-3

R.T.: 6.168 min
Delta R.T.: -0.022 min
Response: 30582666
Conc: 139.42 ng/ml



#18 AR-1242-3

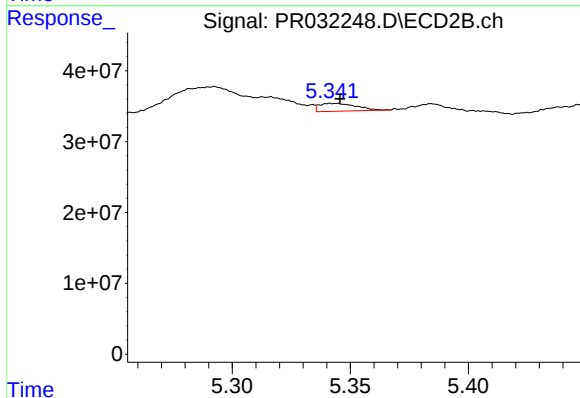
R.T.: 4.996 min
Delta R.T.: 0.004 min
Response: 53648282
Conc: 135.03 ng/ml



#19 AR-1242-4

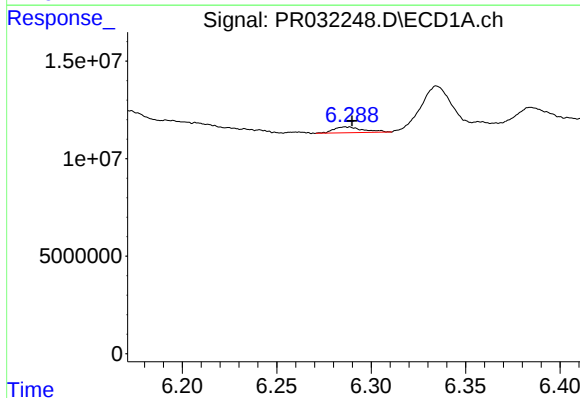
R.T.: 6.261 min
Delta R.T.: 0.028 min
Response: 340031
Conc: 2.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



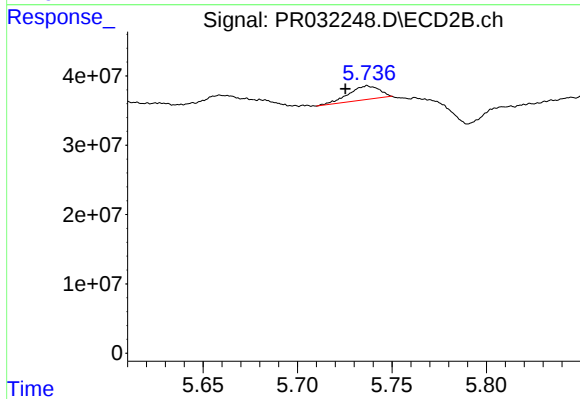
#19 AR-1242-4

R.T.: 5.343 min
Delta R.T.: -0.003 min
Response: 12098719
Conc: 32.50 ng/ml



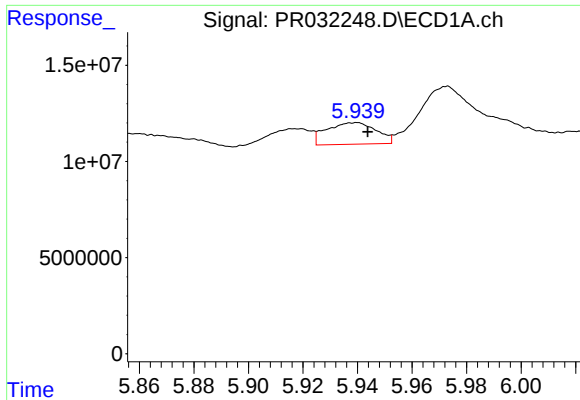
#20 AR-1242-5

R.T.: 6.287 min
Delta R.T.: -0.003 min
Response: 3255424
Conc: 5.88 ng/ml



#20 AR-1242-5

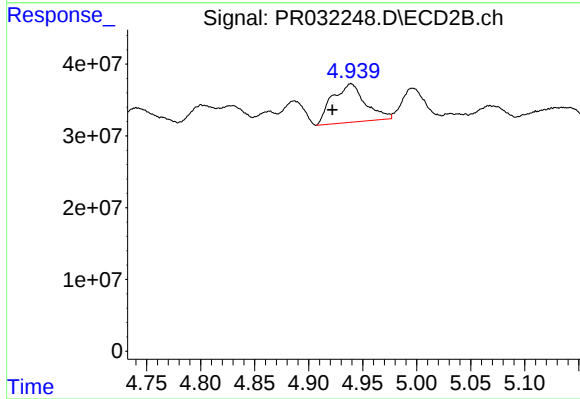
R.T.: 5.737 min
Delta R.T.: 0.012 min
Response: 22952859
Conc: 27.41 ng/ml



#21 AR-1248-1

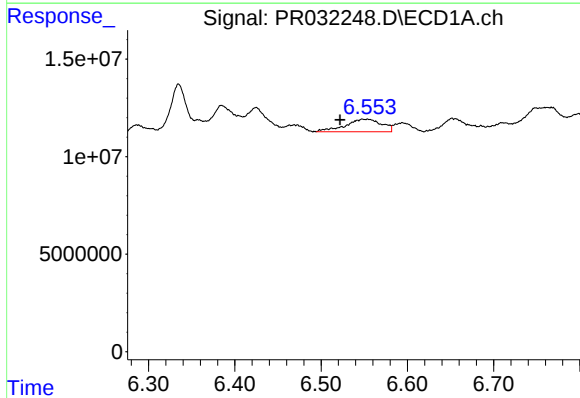
R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 14214277
Conc: 11.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



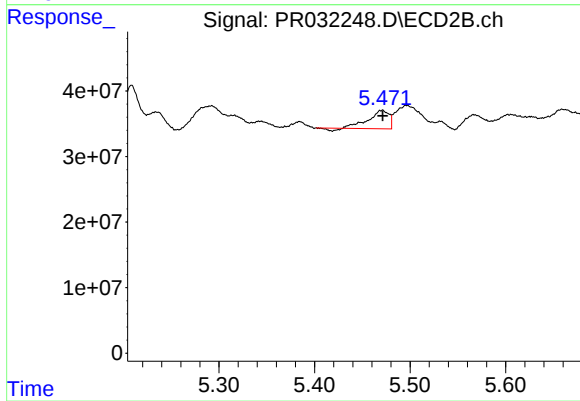
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.017 min
Response: 113963036
Conc: 39.93 ng/ml



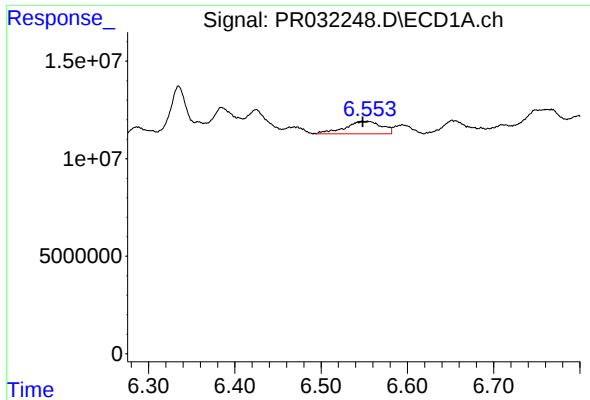
#22 AR-1248-2

R.T.: 6.554 min
Delta R.T.: 0.032 min
Response: 18850637
Conc: 14.47 ng/ml



#22 AR-1248-2

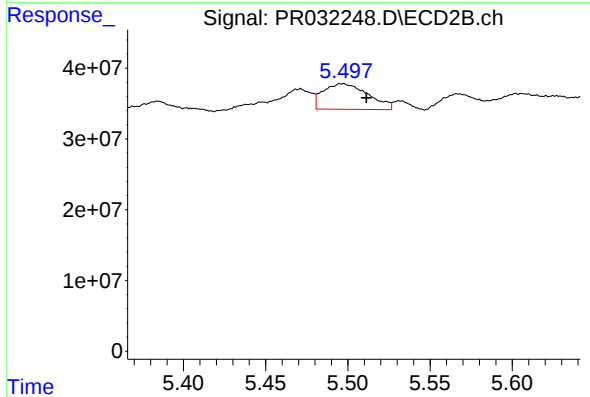
R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 40134899
Conc: 7.03 ng/ml



#23 AR-1248-3

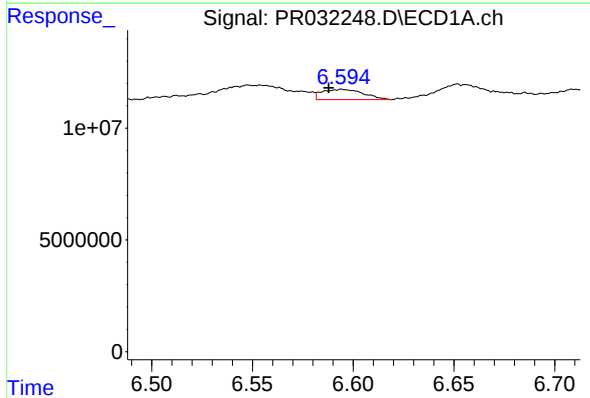
R.T.: 6.554 min
Delta R.T.: 0.006 min
Response: 18850637
Conc: 10.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



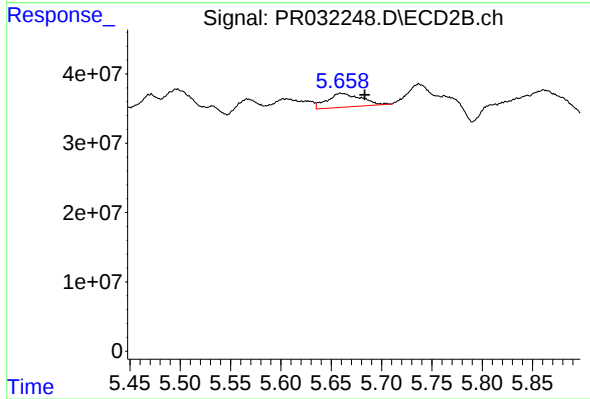
#23 AR-1248-3

R.T.: 5.497 min
Delta R.T.: -0.015 min
Response: 68985537
Conc: 15.90 ng/ml



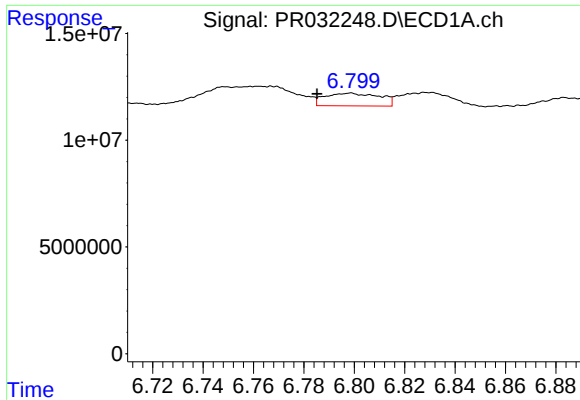
#24 AR-1248-4

R.T.: 6.594 min
Delta R.T.: 0.007 min
Response: 6546692
Conc: 3.87 ng/ml



#24 AR-1248-4

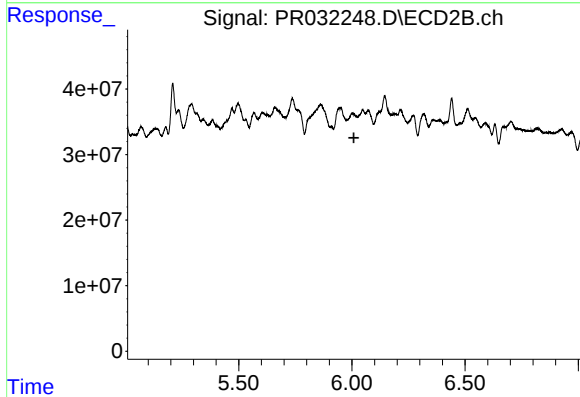
R.T.: 5.660 min
Delta R.T.: -0.024 min
Response: 47080794
Conc: 11.90 ng/ml



#25 AR-1248-5

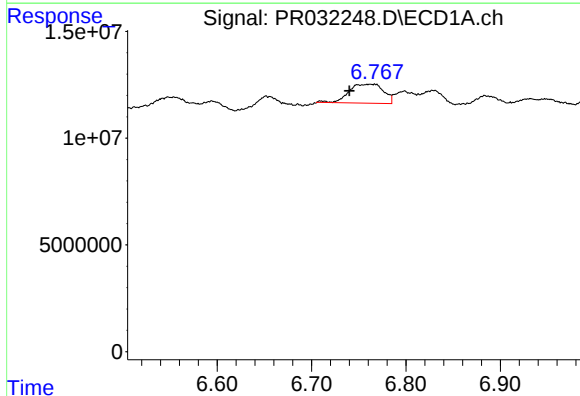
R.T.: 6.798 min
Delta R.T.: 0.013 min
Response: 8987326
Conc: 8.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



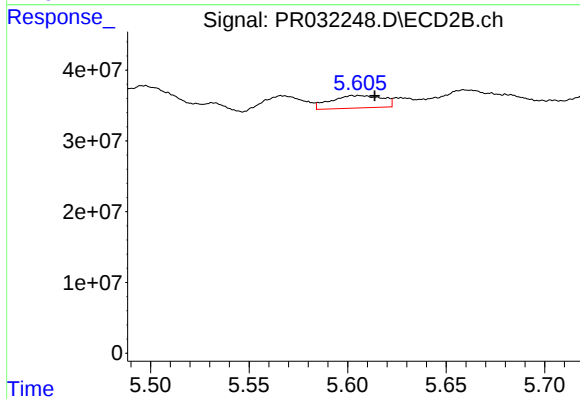
#25 AR-1248-5

R.T.: 6.004 min
Delta R.T.: -0.005 min
Response: -10302981
Conc: N.D.



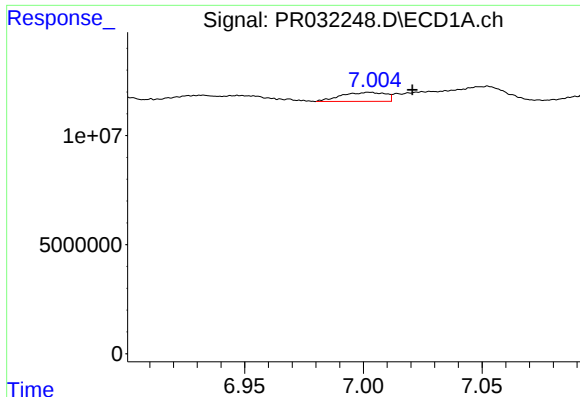
#26 AR-1254-1

R.T.: 6.767 min
Delta R.T.: 0.027 min
Response: 22575828
Conc: 14.94 ng/ml



#26 AR-1254-1

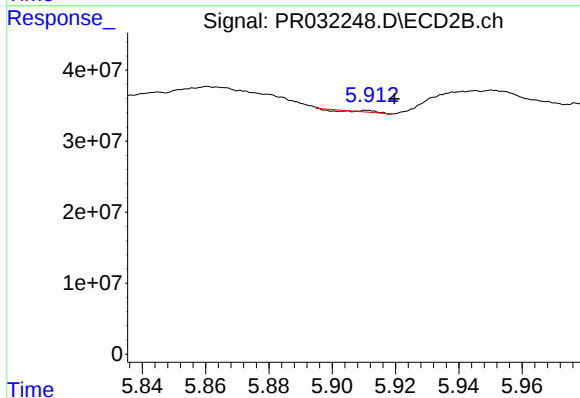
R.T.: 5.605 min
Delta R.T.: -0.008 min
Response: 32197492
Conc: 10.29 ng/ml



#27 AR-1254-2

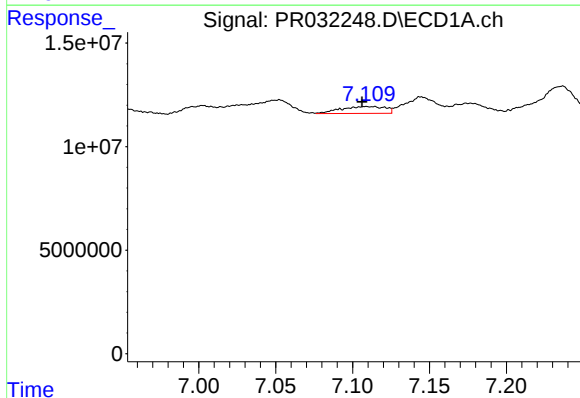
R.T.: 7.003 min
Delta R.T.: -0.018 min
Response: 5345725
Conc: 5.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



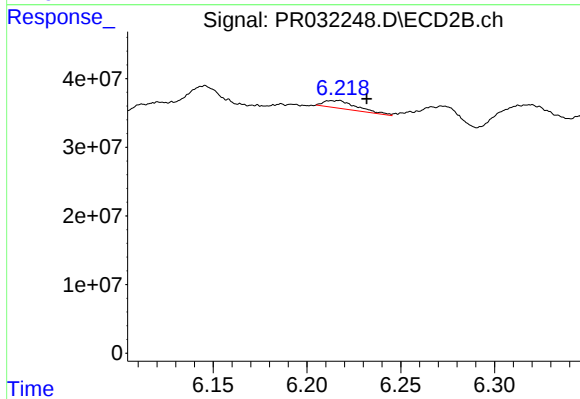
#27 AR-1254-2

R.T.: 5.911 min
Delta R.T.: -0.009 min
Response: 1195915
Conc: 0.77 ng/ml



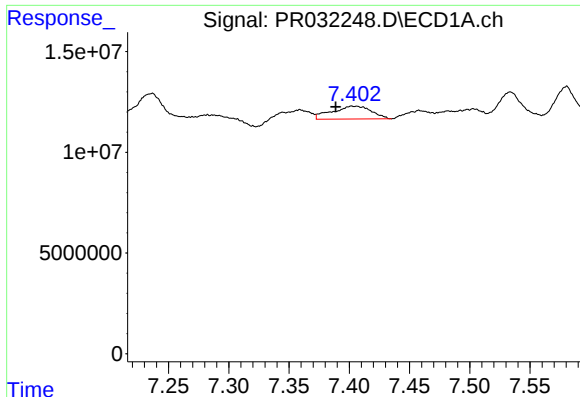
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: 0.003 min
Response: 6793739
Conc: 3.81 ng/ml



#28 AR-1254-3

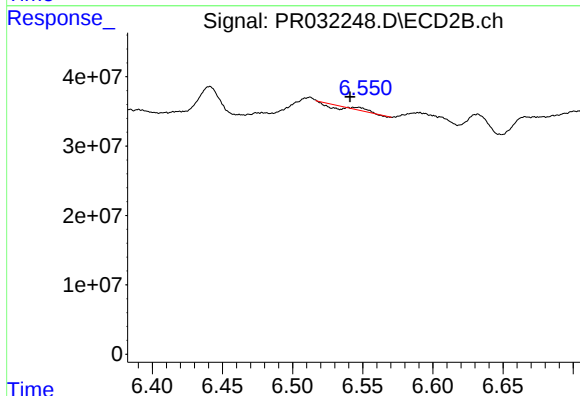
R.T.: 6.217 min
Delta R.T.: -0.015 min
Response: 13979234
Conc: 4.34 ng/ml



#29 AR-1254-4

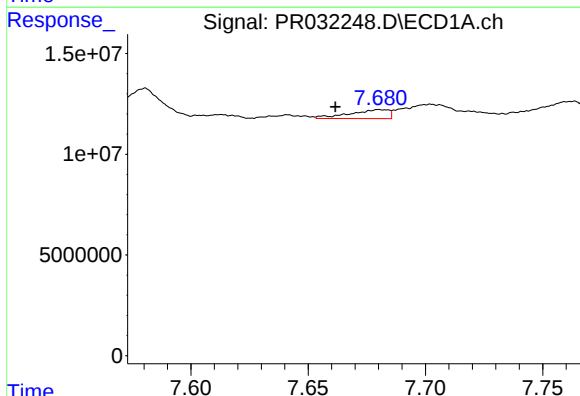
R.T.: 7.402 min
Delta R.T.: 0.014 min
Response: 14577518
Conc: 10.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



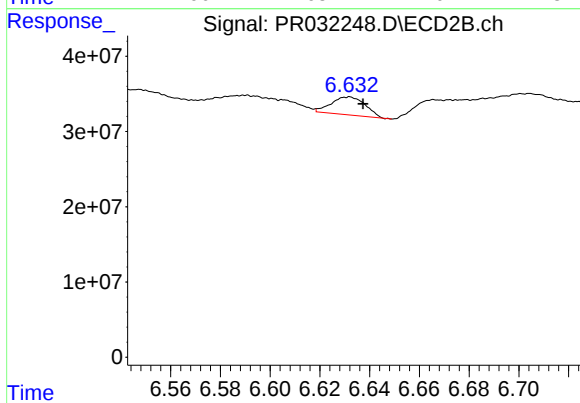
#29 AR-1254-4

R.T.: 6.546 min
Delta R.T.: 0.005 min
Response: 371406
Conc: 0.20 ng/ml



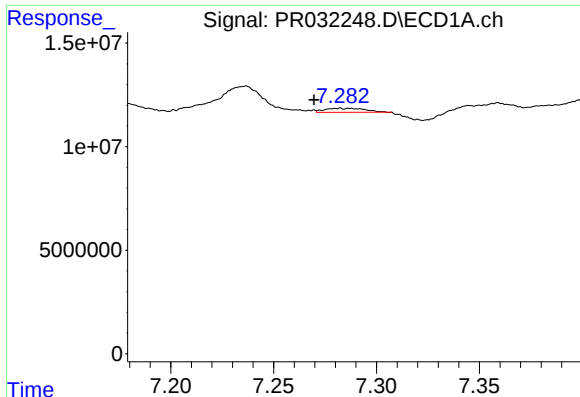
#30 AR-1254-5

R.T.: 7.681 min
Delta R.T.: 0.019 min
Response: 5126482
Conc: 5.36 ng/ml



#30 AR-1254-5

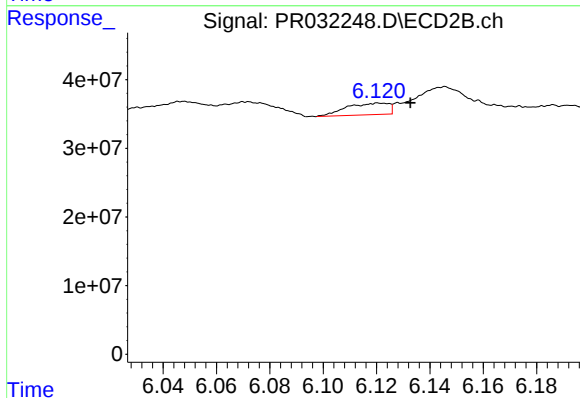
R.T.: 6.632 min
Delta R.T.: -0.006 min
Response: 22848092
Conc: 10.38 ng/ml



#31 AR-1260-1

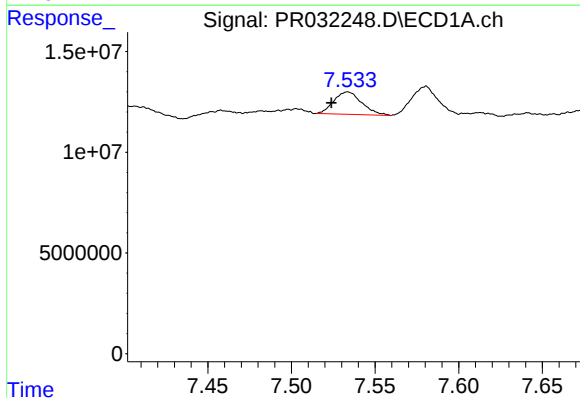
R.T.: 7.282 min
Delta R.T.: 0.012 min
Response: 2656611
Conc: 2.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



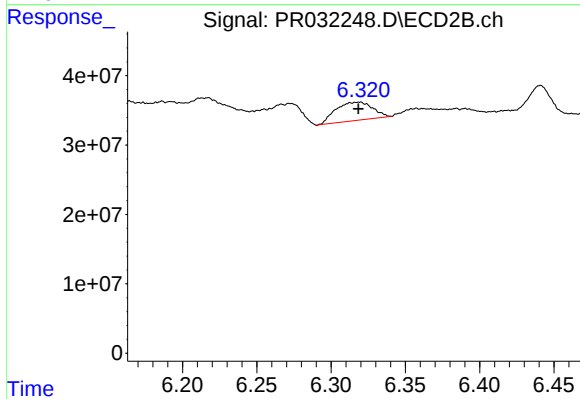
#31 AR-1260-1

R.T.: 6.121 min
Delta R.T.: -0.012 min
Response: 18490484
Conc: 5.58 ng/ml



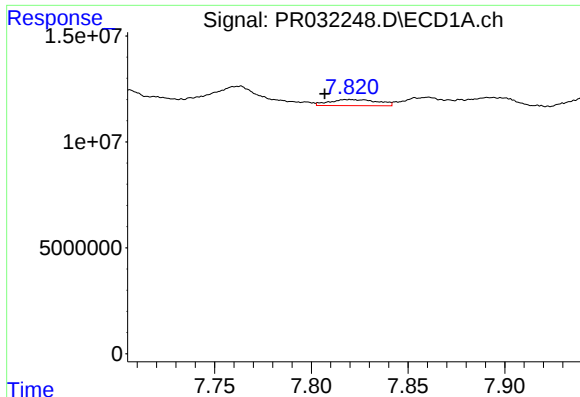
#32 AR-1260-2

R.T.: 7.534 min
Delta R.T.: 0.010 min
Response: 12984360
Conc: 7.84 ng/ml



#32 AR-1260-2

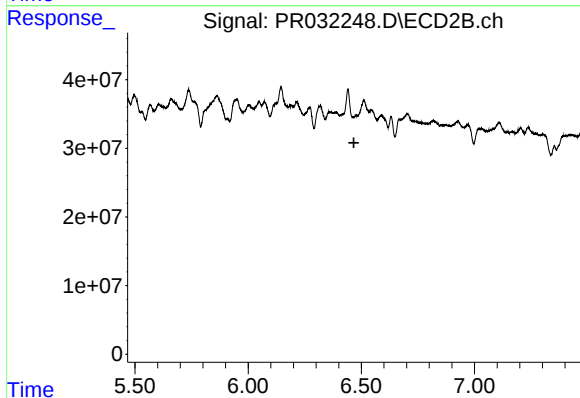
R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 45473068
Conc: 11.13 ng/ml



#33 AR-1260-3

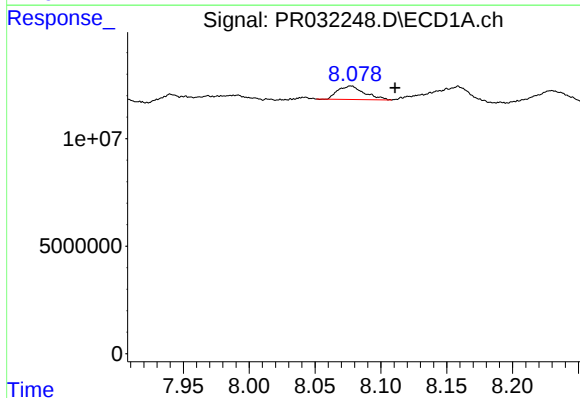
R.T.: 7.820 min
Delta R.T.: 0.013 min
Response: 4960586
Conc: 2.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



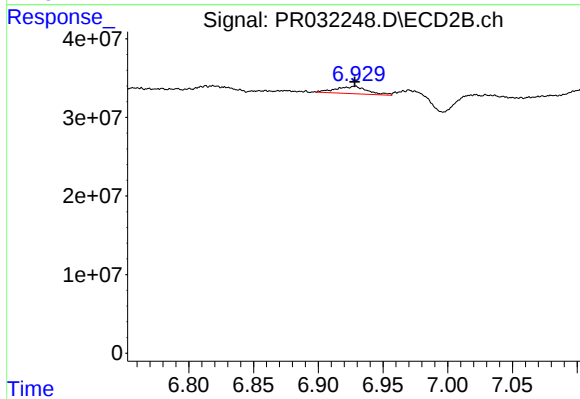
#33 AR-1260-3

R.T.: 6.478 min
Delta R.T.: 0.011 min
Response: -14265587
Conc: N.D.



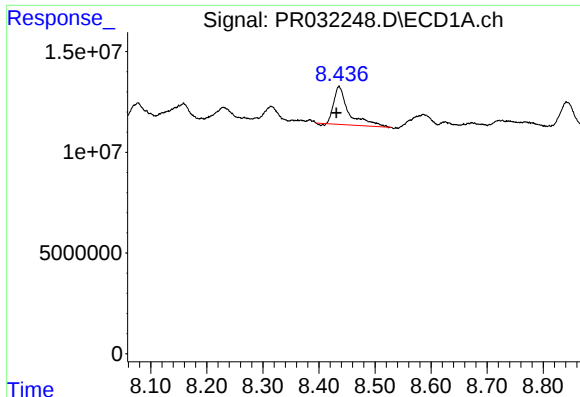
#34 AR-1260-4

R.T.: 8.077 min
Delta R.T.: -0.034 min
Response: 8707949
Conc: 6.31 ng/ml



#34 AR-1260-4

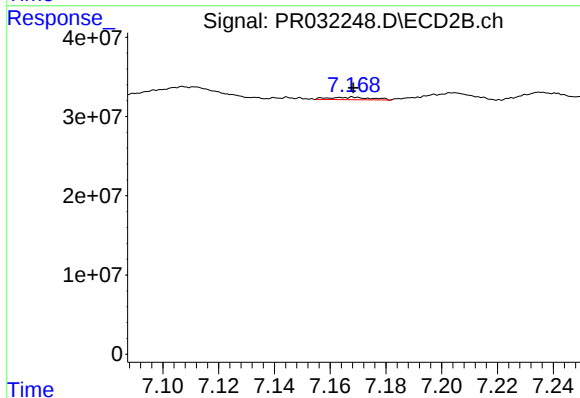
R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 15538989
Conc: 7.75 ng/ml



#35 AR-1260-5

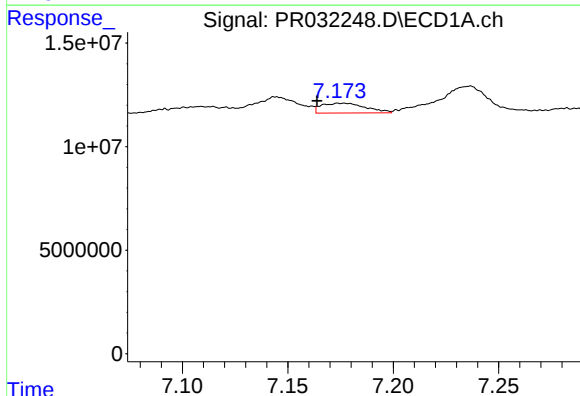
R.T.: 8.436 min
Delta R.T.: 0.005 min
Response: 34536062
Conc: 11.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



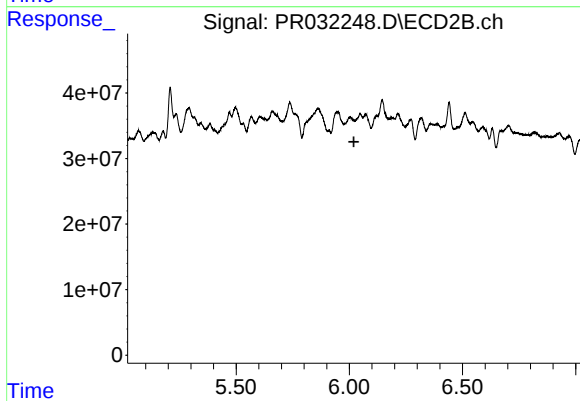
#35 AR-1260-5

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 3317656
Conc: 0.81 ng/ml



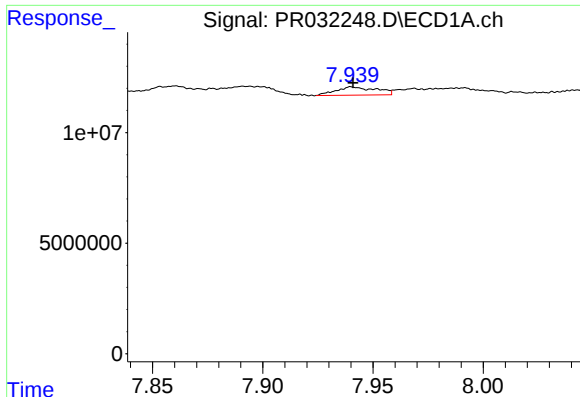
#36 AR-1262-1

R.T.: 7.176 min
Delta R.T.: 0.012 min
Response: 6921338
Conc: 9.11 ng/ml



#36 AR-1262-1

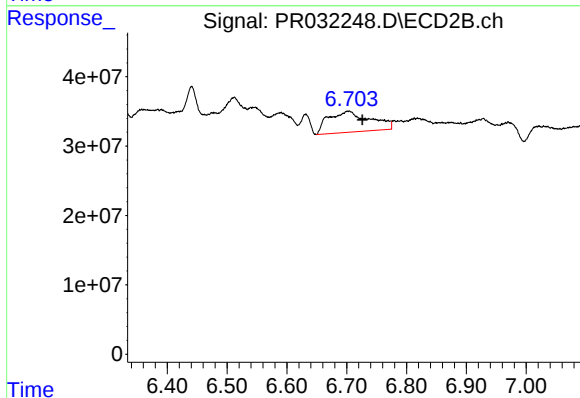
R.T.: 6.004 min
Delta R.T.: -0.016 min
Response: -10302981
Conc: N.D.



#37 AR-1262-2

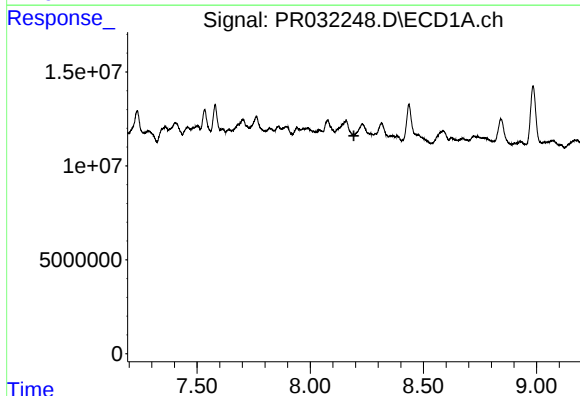
R.T.: 7.941 min
Delta R.T.: 0.000 min
Response: 4783194
Conc: 6.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



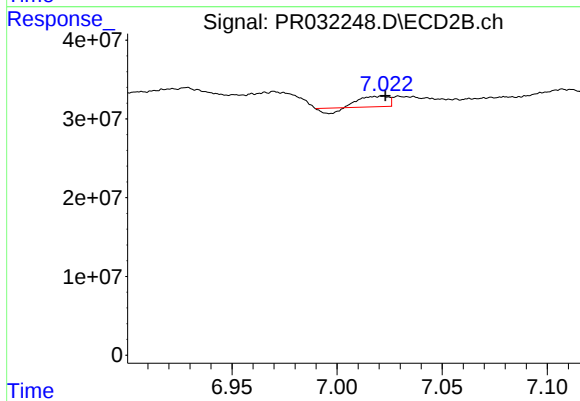
#37 AR-1262-2

R.T.: 6.704 min
Delta R.T.: -0.023 min
Response: 146904551
Conc: 103.32 ng/ml



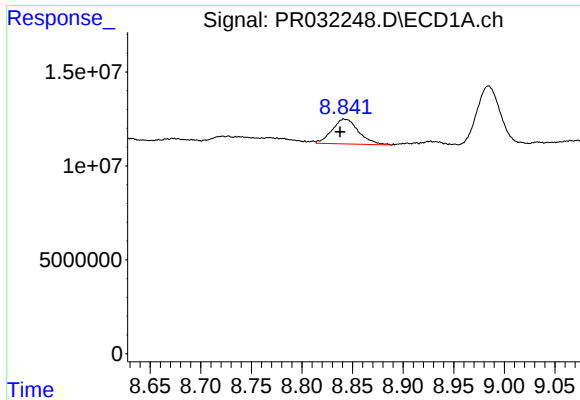
#38 AR-1262-3

R.T.: 8.191 min
Delta R.T.: -0.002 min
Response: -385766
Conc: N.D.



#38 AR-1262-3

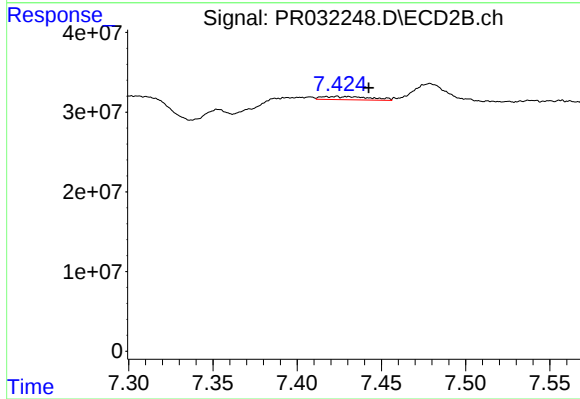
R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 9832886
Conc: 9.67 ng/ml



#39 AR-1262-4

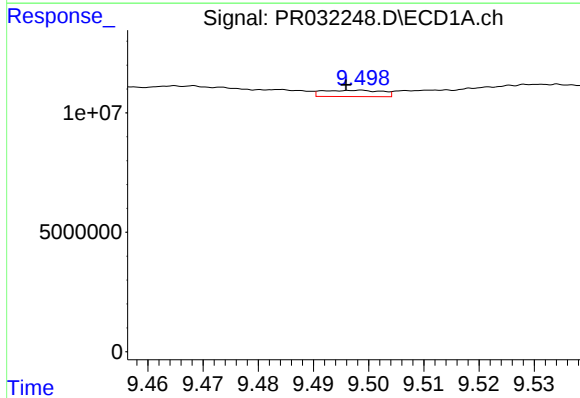
R.T.: 8.842 min
Delta R.T.: 0.004 min
Response: 24303171
Conc: 13.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



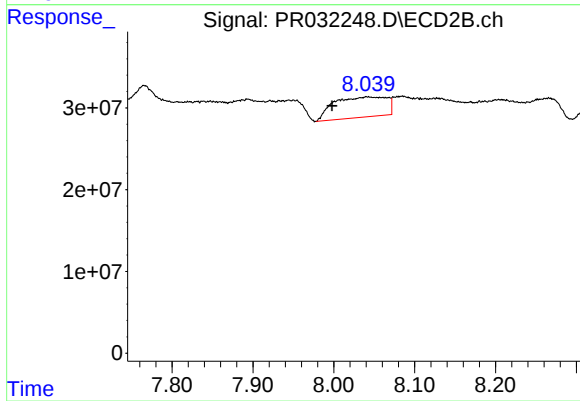
#39 AR-1262-4

R.T.: 7.423 min
Delta R.T.: -0.019 min
Response: 8217637
Conc: 4.86 ng/ml



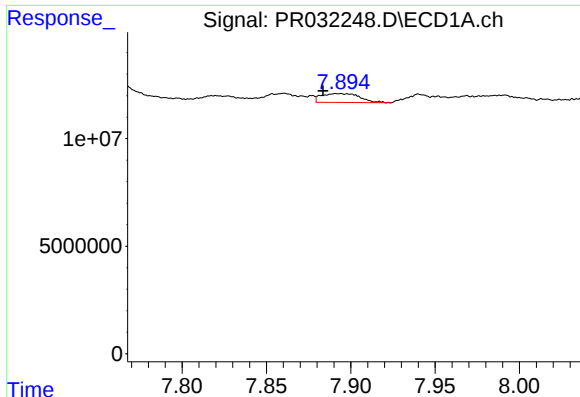
#40 AR-1262-5

R.T.: 9.498 min
Delta R.T.: 0.002 min
Response: 1963813
Conc: 1.45 ng/ml



#40 AR-1262-5

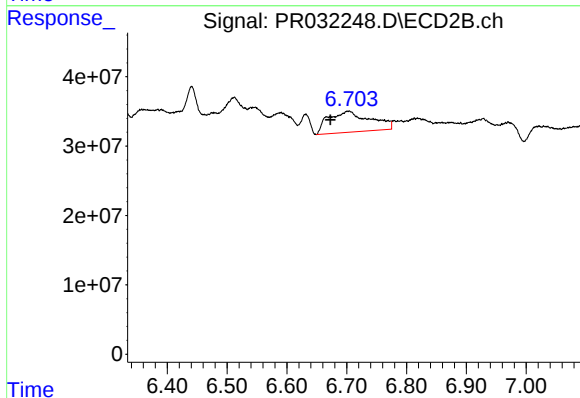
R.T.: 8.041 min
Delta R.T.: 0.043 min
Response: 113471422
Conc: 107.61 ng/ml



#41 AR-1268-1

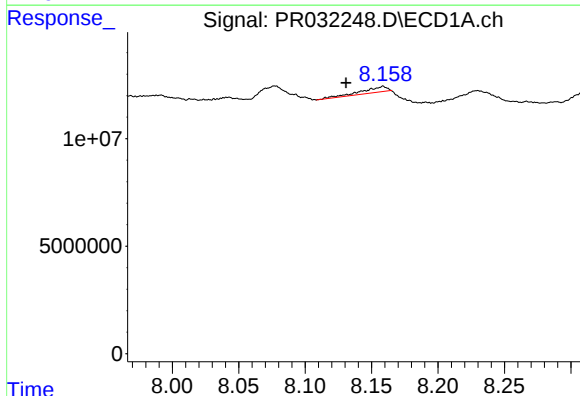
R.T.: 7.893 min
Delta R.T.: 0.009 min
Response: 6535208
Conc: 9.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



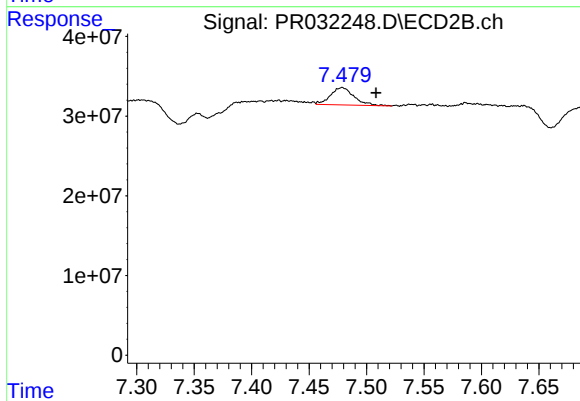
#41 AR-1268-1

R.T.: 6.704 min
Delta R.T.: 0.031 min
Response: 146904551
Conc: 104.87 ng/ml



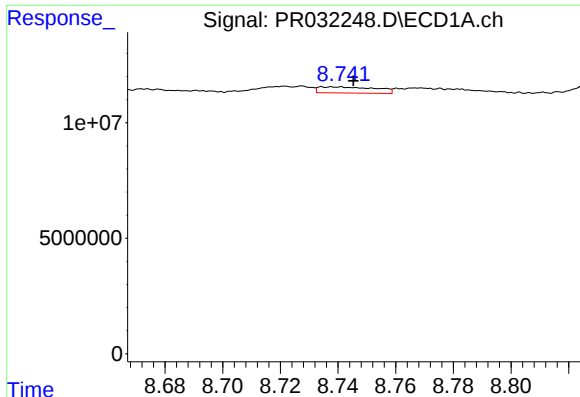
#42 AR-1268-2

R.T.: 8.159 min
Delta R.T.: 0.028 min
Response: 3468218
Conc: 3.75 ng/ml



#42 AR-1268-2

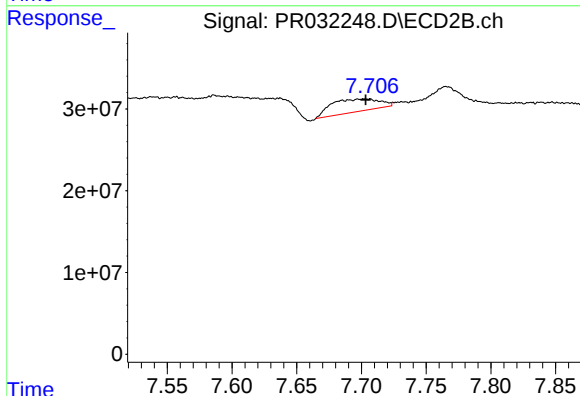
R.T.: 7.479 min
Delta R.T.: -0.029 min
Response: 30775396
Conc: 5.13 ng/ml



#43 AR-1268-3

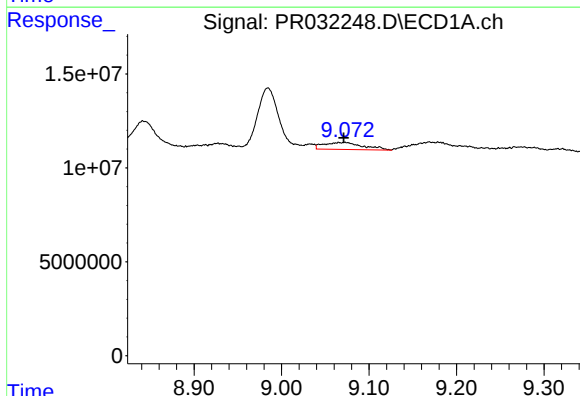
R.T.: 8.739 min
Delta R.T.: -0.006 min
Response: 3607809
Conc: 0.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



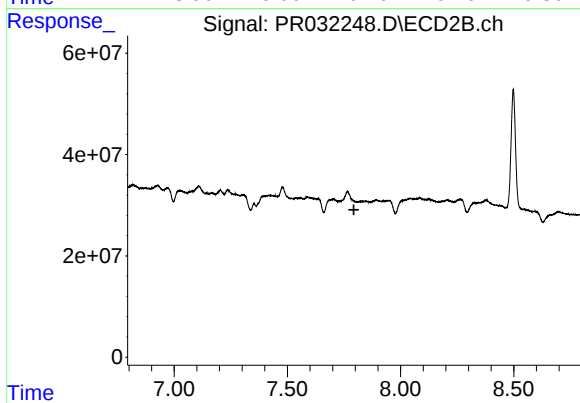
#43 AR-1268-3

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 40320887
Conc: 14.33 ng/ml



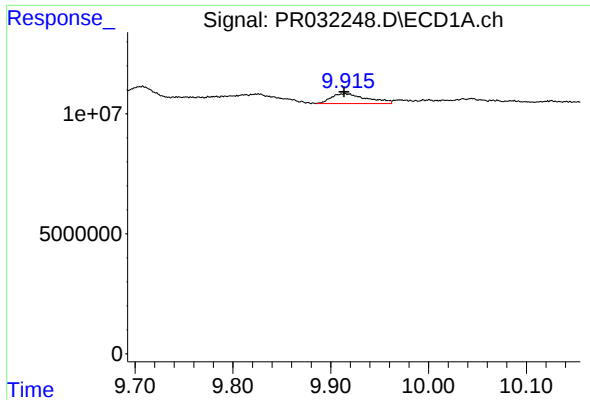
#44 AR-1268-4

R.T.: 9.072 min
Delta R.T.: 0.001 min
Response: 11731001
Conc: 3.42 ng/ml



#44 AR-1268-4

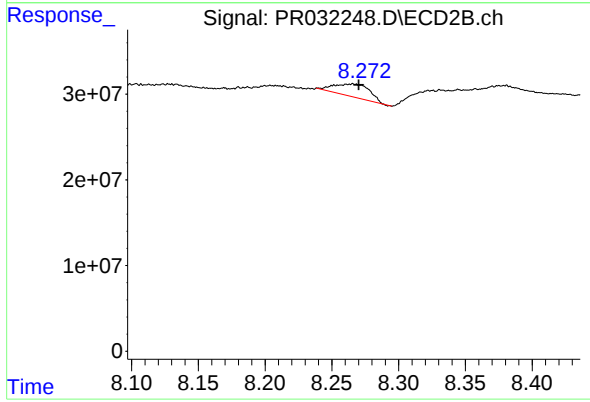
R.T.: 7.806 min
Delta R.T.: 0.012 min
Response: -2360095
Conc: N.D.



#45 AR-1268-5

R.T.: 9.915 min
Delta R.T.: 0.001 min
Response: 10563108
Conc: 1.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.266 min
Delta R.T.: -0.004 min
Response: 27821037
Conc: 3.85 ng/ml