

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092118\
 Data File : PR032222.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2018 23:17
 Operator : SM\SJ
 Sample : J5019-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 03:32:58 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	3.644	367.6E6	672.3E6	18.490	16.067
2)	SA Decachlor...	10.250	8.499	467.4E6	356.1E6	15.956	15.835
Target Compounds							
3)	L1 AR-1016-1	5.218	4.293	8541150	29170111	16.427	25.211 #
4)	L1 AR-1016-2	5.412	4.698	-1572033	43899245	N.D.	25.528 #
5)	L1 AR-1016-3	5.673	4.698	-369432	43899245	N.D.	13.886 #
6)	L1 AR-1016-4	5.765	4.744	6516617	44206974	9.102	24.697 #
7)	L1 AR-1016-5	6.171	5.140	25700656	26947224	42.098	15.983 #
8)	L2 AR-1221-1	4.714	3.878	24109687	7322059	89.918	13.780 #
9)	L2 AR-1221-2	4.786	3.943	26058967	-1229895	127.434	N.D. #
10)	L2 AR-1221-3	4.890	4.002	64293408	902682	103.074	0.720 #
11)	L3 AR-1232-1	5.699	4.483	3836276	5651466	7.943	9.844
12)	L3 AR-1232-2	5.857	4.607	2705665	87483141	10.904	454.451 #
13)	L3 AR-1232-3	6.028	4.940	4436392	114.1E6	39.283	207.096 #
14)	L3 AR-1232-4	6.335	5.289	35296323	107.5E6	467.899	152.772 #
15)	L3 AR-1232-5	7.234	0.000	22416630	0	343.877	N.D. #
16)	L4 AR-1242-1	5.247	4.293	17470576	29170111	78.114	54.186 #
17)	L4 AR-1242-2	5.972	4.887	39358124	34421821	94.105	30.678 #
18)	L4 AR-1242-3	6.195	4.997	8063052	48396094	36.758	121.814 #
19)	L4 AR-1242-4	6.236	5.343	2265204	8522996	13.407	22.892 #
20)	L4 AR-1242-5	6.288	5.737	5048491	18161297	9.111	21.684 #
21)	L5 AR-1248-1	5.941	4.940	6116302	114.1E6	4.884	39.985 #
22)	L5 AR-1248-2	6.510	5.470	3172979	78901500	2.435	13.814 #
23)	L5 AR-1248-3	6.550	5.493	13781738	61760676	7.771	14.235 #
24)	L5 AR-1248-4	6.595	5.682	8437829	17028685	4.984	4.303
25)	L5 AR-1248-5	6.799	6.011	5384264	34678777	4.815	13.705 #
26)	L6 AR-1254-1	6.749	5.605	10331694	41598207	6.836	13.300 #
27)	L6 AR-1254-2	7.008	5.946	10456423	-10980002	10.625	N.D. #
28)	L6 AR-1254-3	7.110	6.212	1718850	7072980	0.965	2.195 #
29)	L6 AR-1254-4	7.405	6.543	17145454	10821615	12.211	5.748 #
30)	L6 AR-1254-5	7.661	6.632	5829689	21507911	6.092	9.768 #
31)	L7 AR-1260-1	7.274	6.145	851044	59849005	0.651	18.068 #
32)	L7 AR-1260-2	7.534	6.320	17639543	45729809	10.655	11.188
33)	L7 AR-1260-3	7.809	6.473	3659195	-1545852	1.908	N.D. #
34)	L7 AR-1260-4	8.144	6.928	3266300	11761258	2.366	5.865 #
35)	L7 AR-1260-5	8.435	7.167	30256314	3135858	9.891	0.768 #
36)	L8 AR-1262-1	7.172	6.011	6047524	34678777	7.960	20.049 #
37)	L8 AR-1262-2	7.942	6.705	6274371	101.3E6	8.869	71.239 #
38)	L8 AR-1262-3	8.159	7.033	1227477	20938508	2.019	20.589 #
39)	L8 AR-1262-4	8.842	7.421	23837793	11224447	13.149	6.634 #
40)	L8 AR-1262-5	9.530	8.008	15030711	26885949	11.099	25.498 #
41)	L9 AR-1268-1	7.893	6.670	8875824	28676693	12.534	20.472 #

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 ALS Vial : 38 Sample Multiplier: 1

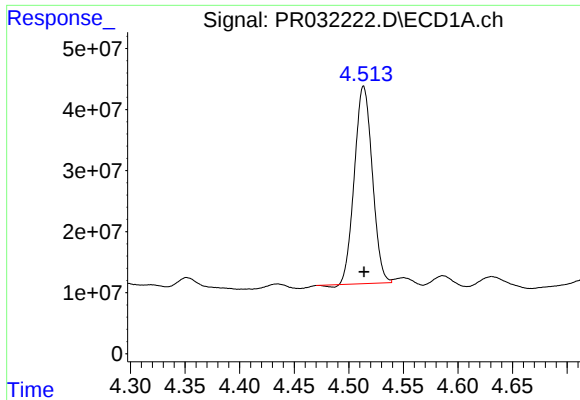
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 03:32:58 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
42) L9	AR-1268-2	8.144	7.531	3266300	626194	3.533	0.104 #
43) L9	AR-1268-3	8.745	7.699	818231	31181759	0.192	11.085 #
44) L9	AR-1268-4	9.070	7.831	8696942	11637054	2.534	14.547 #
45) L9	AR-1268-5	9.918	0.000	10981476	0	1.078	N.D. #

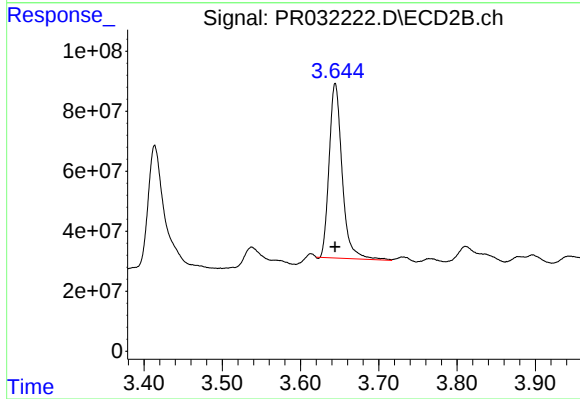
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

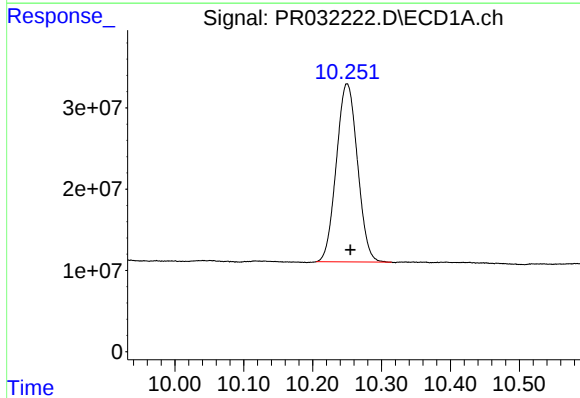
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 367592354
Conc: 18.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



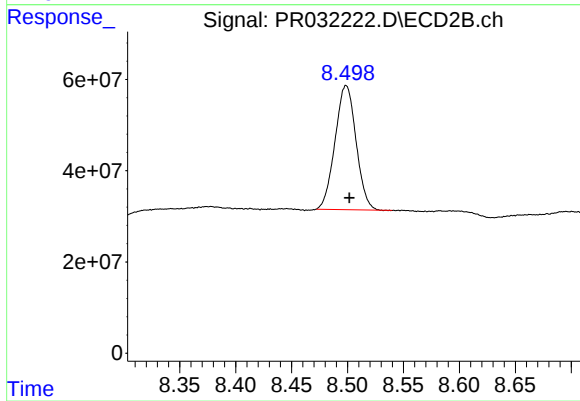
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 672335250
Conc: 16.07 ng/ml



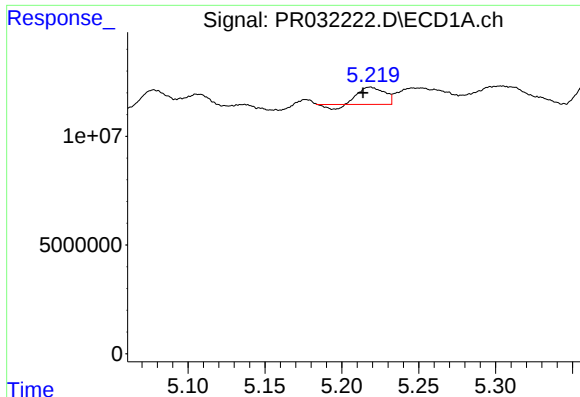
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.005 min
Response: 467392531
Conc: 15.96 ng/ml



#2 Decachlorobiphenyl

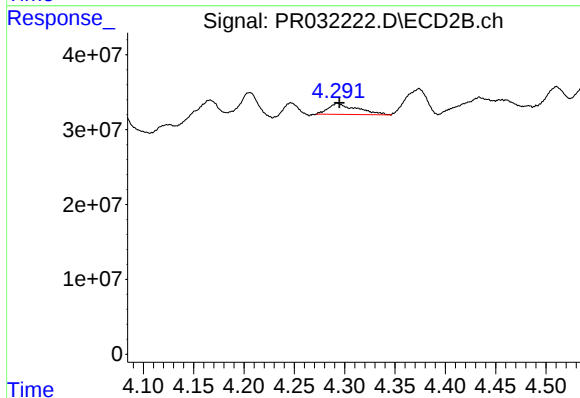
R.T.: 8.499 min
Delta R.T.: -0.003 min
Response: 356072120
Conc: 15.83 ng/ml



#3 AR-1016-1

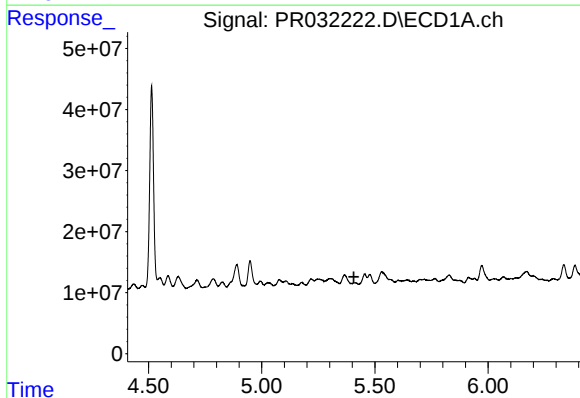
R.T.: 5.218 min
Delta R.T.: 0.005 min
Response: 8541150
Conc: 16.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



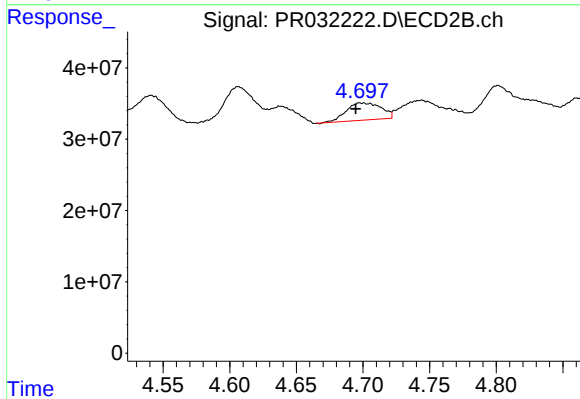
#3 AR-1016-1

R.T.: 4.293 min
Delta R.T.: -0.002 min
Response: 29170111
Conc: 25.21 ng/ml



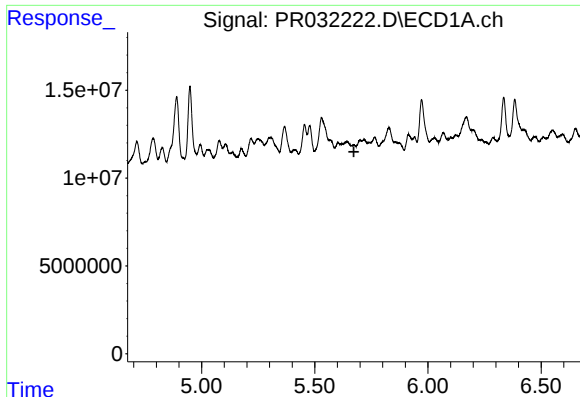
#4 AR-1016-2

R.T.: 5.412 min
Delta R.T.: 0.005 min
Response: -1572033
Conc: N.D.



#4 AR-1016-2

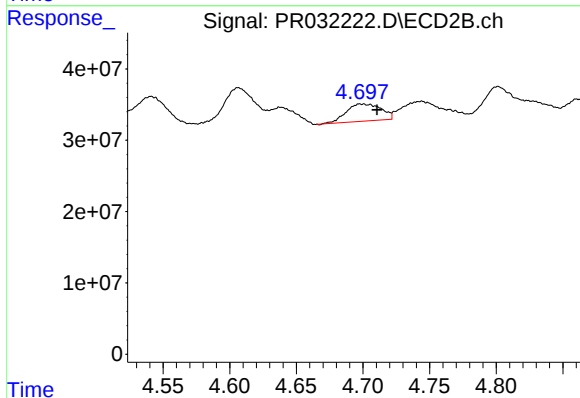
R.T.: 4.698 min
Delta R.T.: 0.004 min
Response: 43899245
Conc: 25.53 ng/ml



#5 AR-1016-3

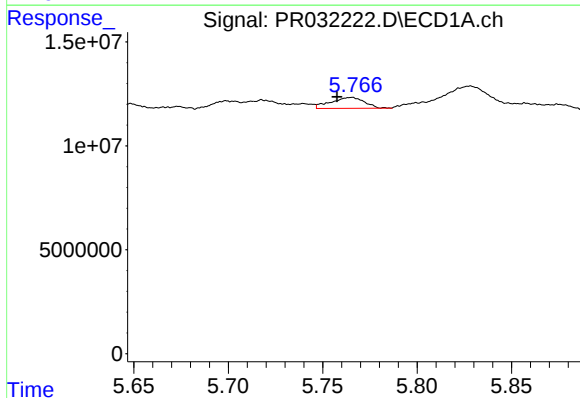
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: -369432
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



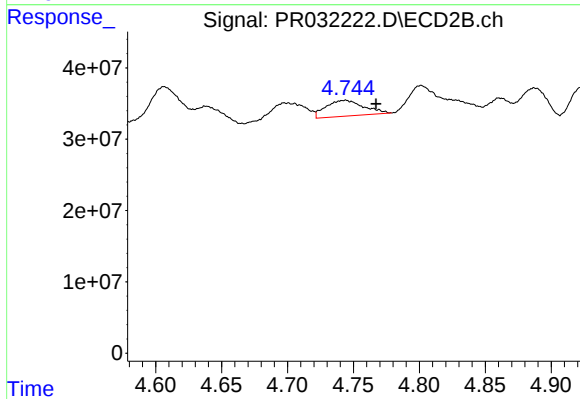
#5 AR-1016-3

R.T.: 4.698 min
Delta R.T.: -0.012 min
Response: 43899245
Conc: 13.89 ng/ml



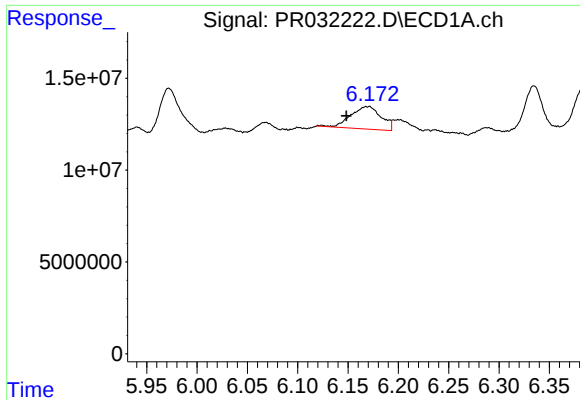
#6 AR-1016-4

R.T.: 5.765 min
Delta R.T.: 0.008 min
Response: 6516617
Conc: 9.10 ng/ml



#6 AR-1016-4

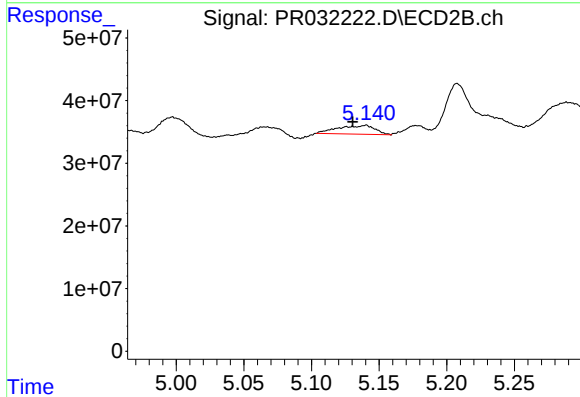
R.T.: 4.744 min
Delta R.T.: -0.023 min
Response: 44206974
Conc: 24.70 ng/ml



#7 AR-1016-5

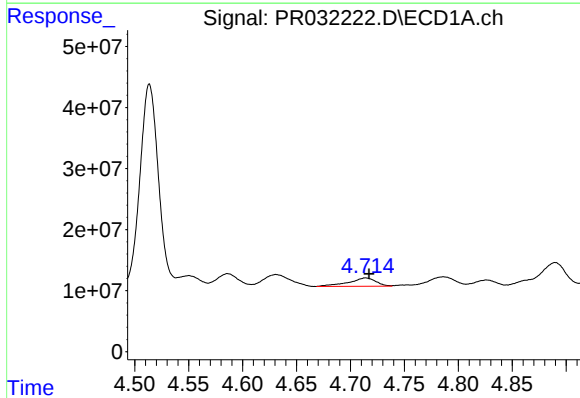
R.T.: 6.171 min
Delta R.T.: 0.022 min
Response: 25700656
Conc: 42.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



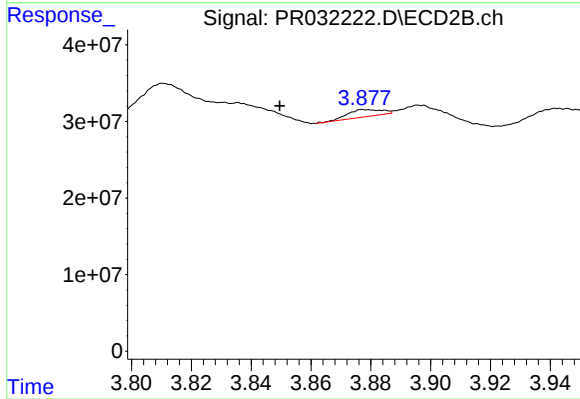
#7 AR-1016-5

R.T.: 5.140 min
Delta R.T.: 0.010 min
Response: 26947224
Conc: 15.98 ng/ml



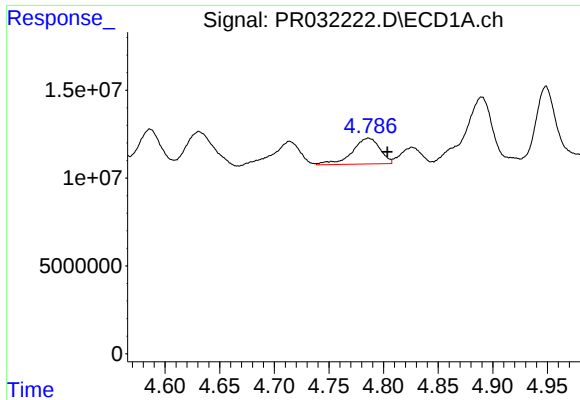
#8 AR-1221-1

R.T.: 4.714 min
Delta R.T.: -0.003 min
Response: 24109687
Conc: 89.92 ng/ml



#8 AR-1221-1

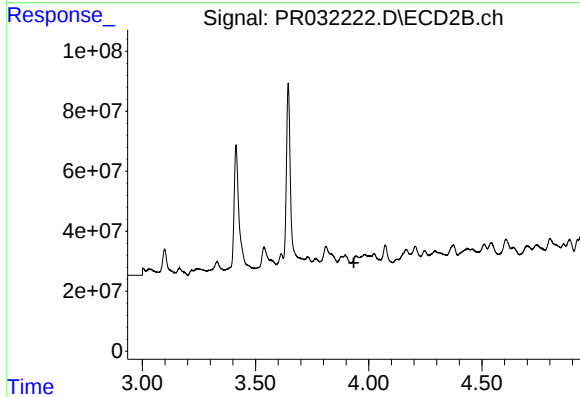
R.T.: 3.878 min
Delta R.T.: 0.029 min
Response: 7322059
Conc: 13.78 ng/ml



#9 AR-1221-2

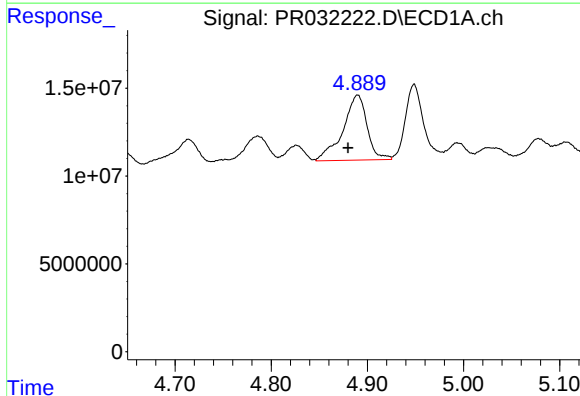
R.T.: 4.786 min
Delta R.T.: -0.017 min
Response: 26058967
Conc: 127.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



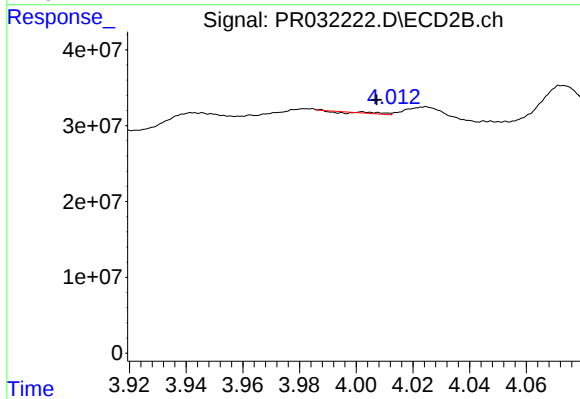
#9 AR-1221-2

R.T.: 3.943 min
Delta R.T.: 0.009 min
Response: -1229895
Conc: N.D.



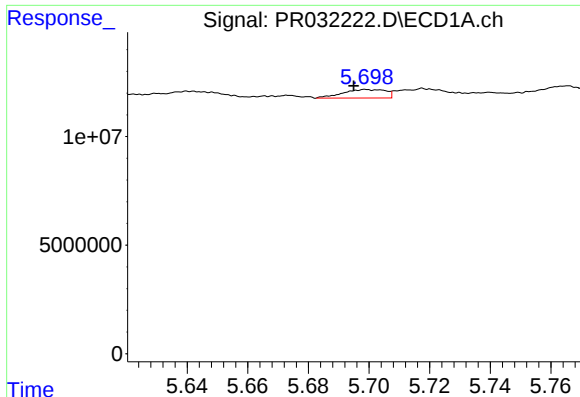
#10 AR-1221-3

R.T.: 4.890 min
Delta R.T.: 0.010 min
Response: 64293408
Conc: 103.07 ng/ml



#10 AR-1221-3

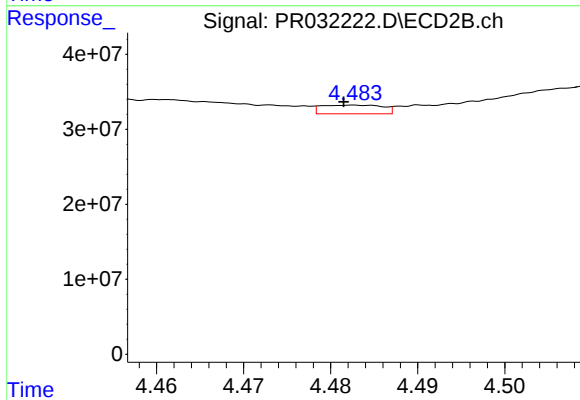
R.T.: 4.002 min
Delta R.T.: -0.005 min
Response: 902682
Conc: 0.72 ng/ml



#11 AR-1232-1

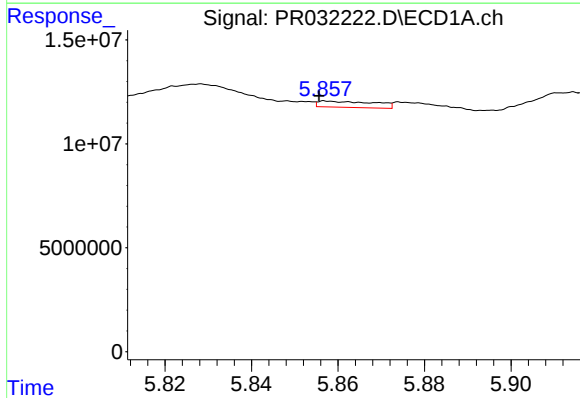
R.T.: 5.699 min
Delta R.T.: 0.004 min
Response: 3836276
Conc: 7.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



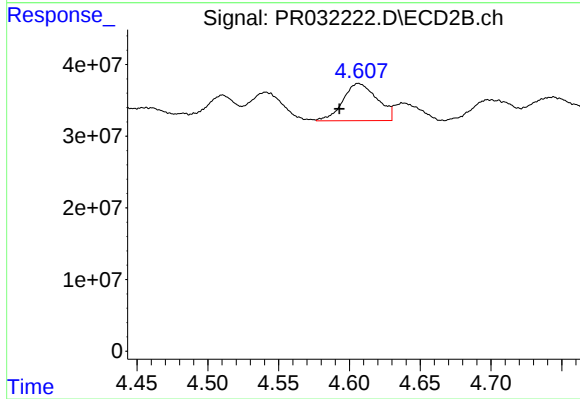
#11 AR-1232-1

R.T.: 4.483 min
Delta R.T.: 0.001 min
Response: 5651466
Conc: 9.84 ng/ml



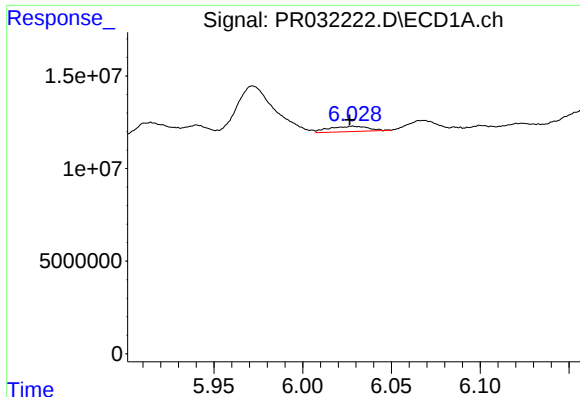
#12 AR-1232-2

R.T.: 5.857 min
Delta R.T.: 0.002 min
Response: 2705665
Conc: 10.90 ng/ml



#12 AR-1232-2

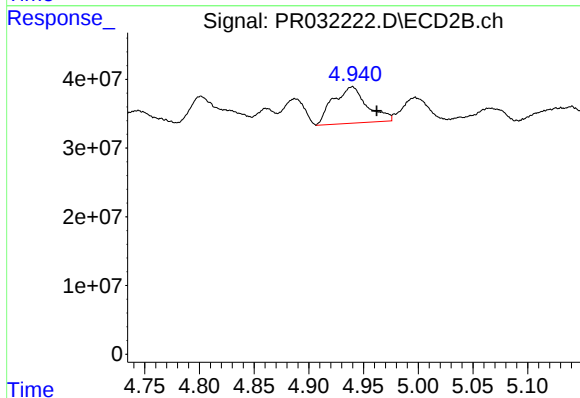
R.T.: 4.607 min
Delta R.T.: 0.014 min
Response: 87483141
Conc: 454.45 ng/ml



#13 AR-1232-3

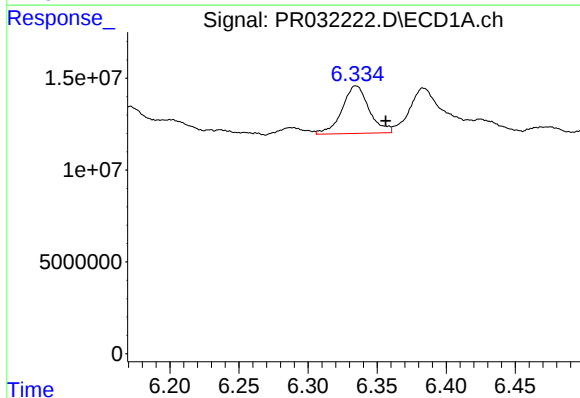
R.T.: 6.028 min
Delta R.T.: 0.002 min
Response: 4436392
Conc: 39.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



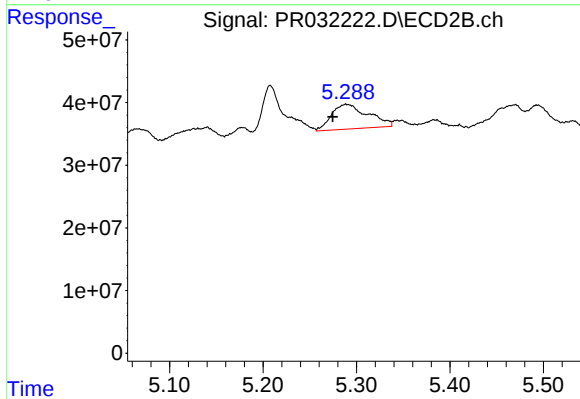
#13 AR-1232-3

R.T.: 4.940 min
Delta R.T.: -0.022 min
Response: 114122629
Conc: 207.10 ng/ml



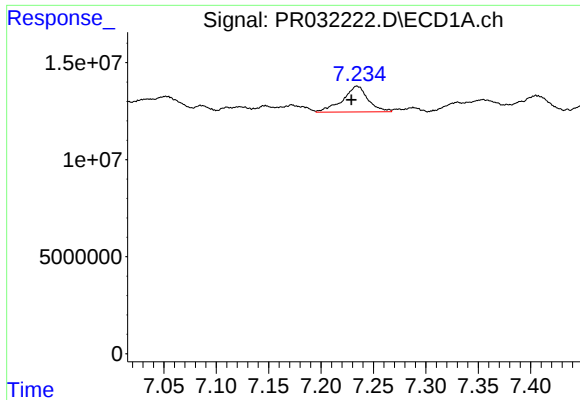
#14 AR-1232-4

R.T.: 6.335 min
Delta R.T.: -0.021 min
Response: 35296323
Conc: 467.90 ng/ml



#14 AR-1232-4

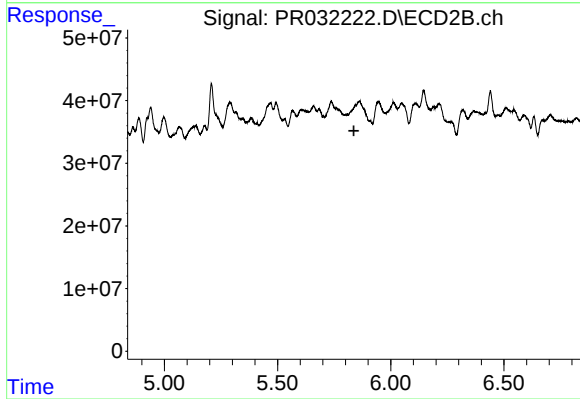
R.T.: 5.289 min
Delta R.T.: 0.014 min
Response: 107470747
Conc: 152.77 ng/ml



#15 AR-1232-5

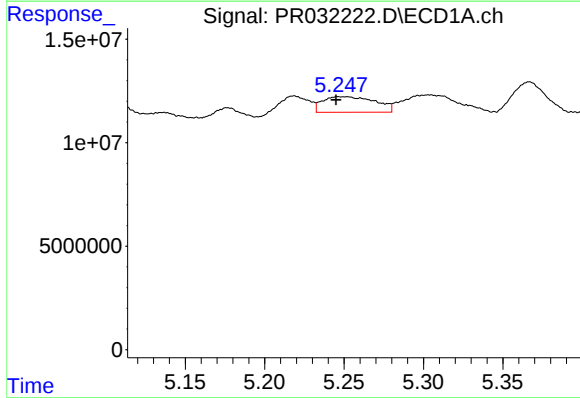
R.T.: 7.234 min
Delta R.T.: 0.005 min
Response: 22416630
Conc: 343.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



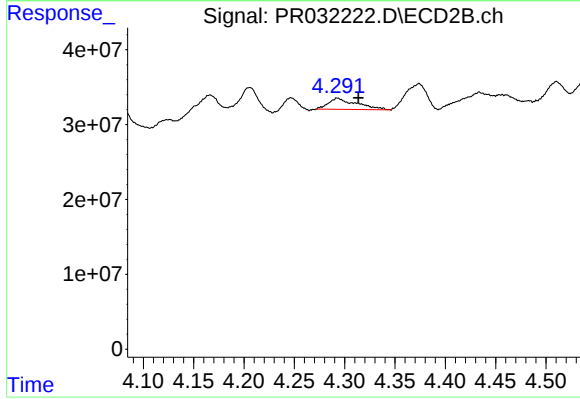
#15 AR-1232-5

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



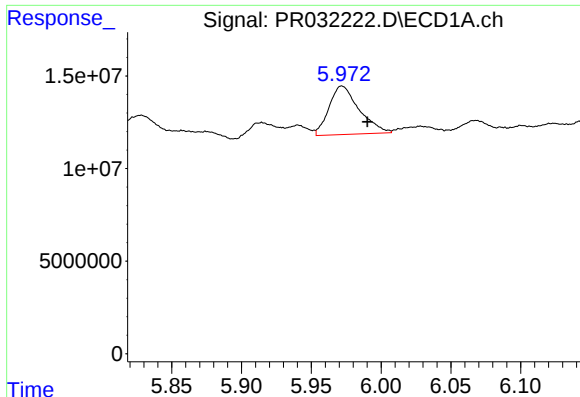
#16 AR-1242-1

R.T.: 5.247 min
Delta R.T.: 0.002 min
Response: 17470576
Conc: 78.11 ng/ml



#16 AR-1242-1

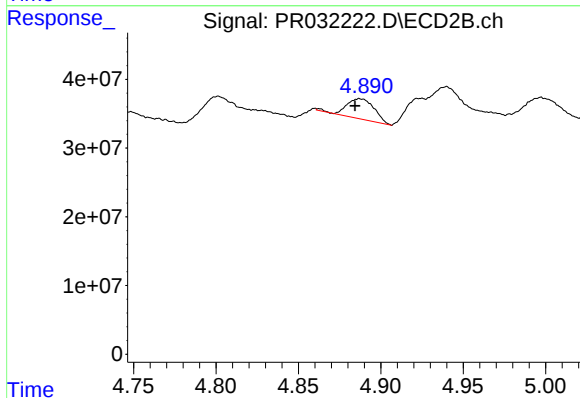
R.T.: 4.293 min
Delta R.T.: -0.021 min
Response: 29170111
Conc: 54.19 ng/ml



#17 AR-1242-2

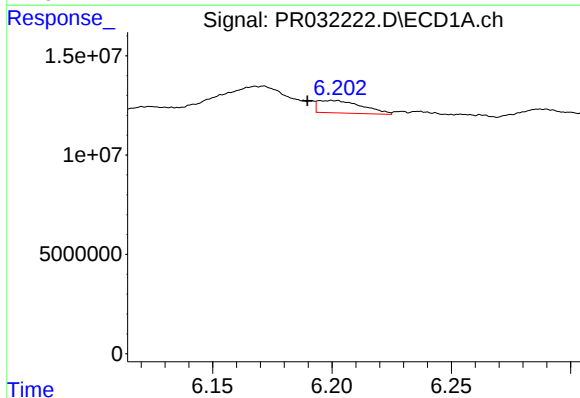
R.T.: 5.972 min
Delta R.T.: -0.018 min
Response: 39358124
Conc: 94.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



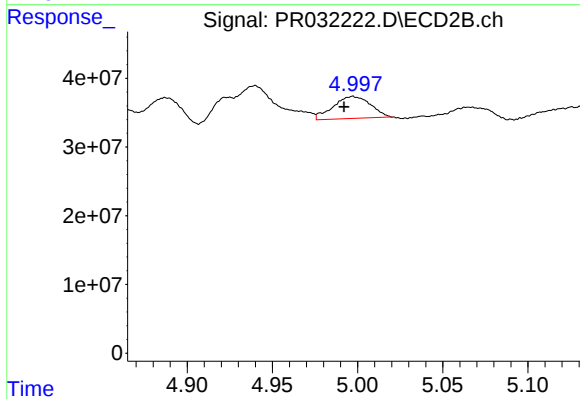
#17 AR-1242-2

R.T.: 4.887 min
Delta R.T.: 0.003 min
Response: 34421821
Conc: 30.68 ng/ml



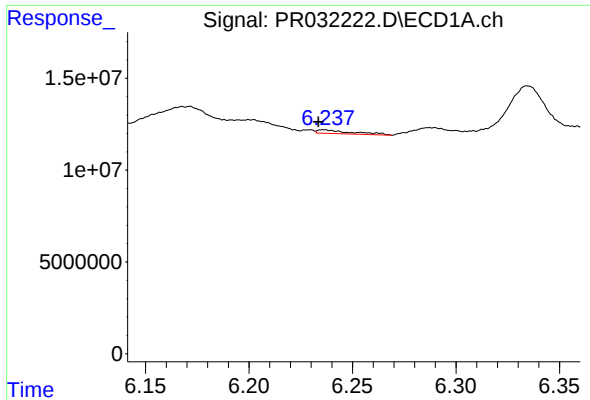
#18 AR-1242-3

R.T.: 6.195 min
Delta R.T.: 0.006 min
Response: 8063052
Conc: 36.76 ng/ml



#18 AR-1242-3

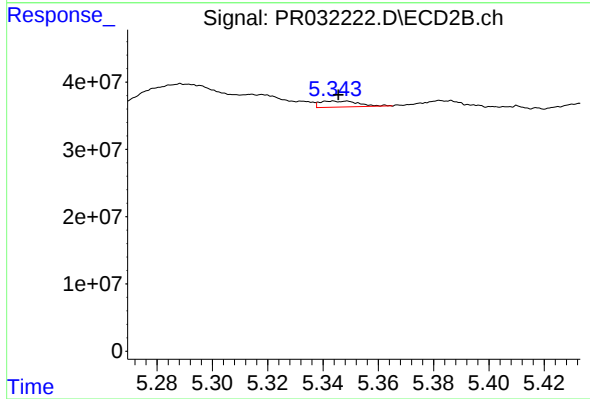
R.T.: 4.997 min
Delta R.T.: 0.005 min
Response: 48396094
Conc: 121.81 ng/ml



#19 AR-1242-4

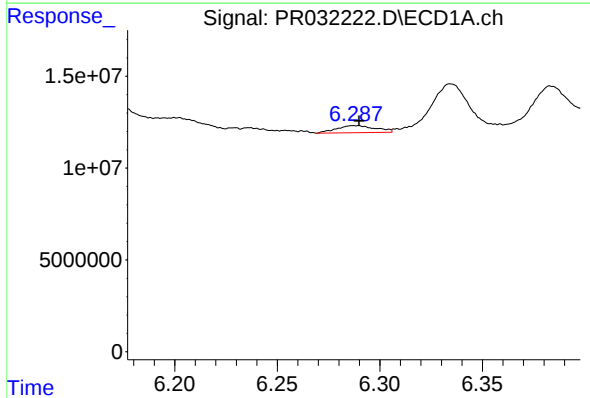
R.T.: 6.236 min
Delta R.T.: 0.003 min
Response: 2265204
Conc: 13.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



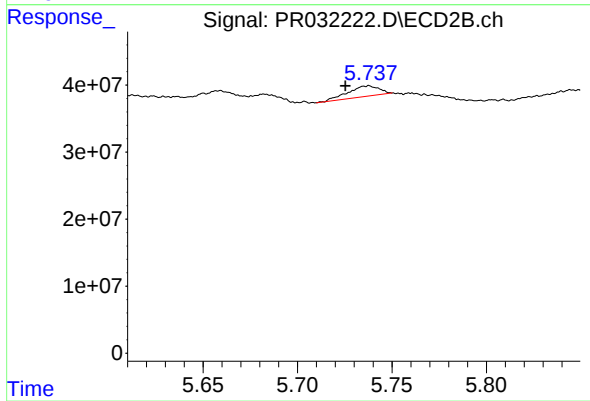
#19 AR-1242-4

R.T.: 5.343 min
Delta R.T.: -0.002 min
Response: 8522996
Conc: 22.89 ng/ml



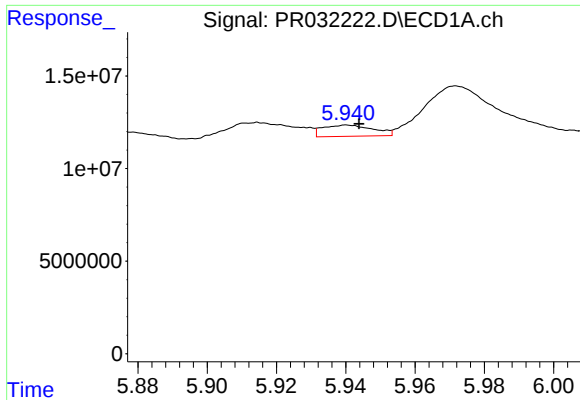
#20 AR-1242-5

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 5048491
Conc: 9.11 ng/ml



#20 AR-1242-5

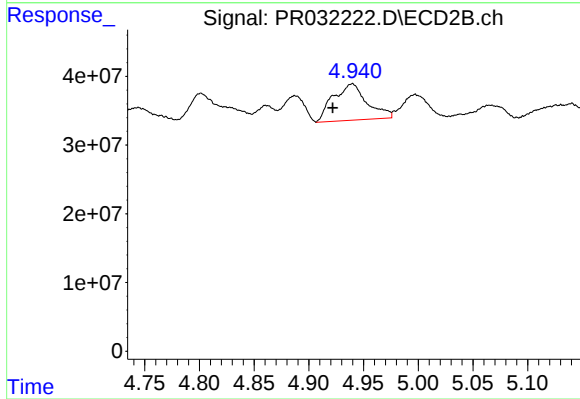
R.T.: 5.737 min
Delta R.T.: 0.012 min
Response: 18161297
Conc: 21.68 ng/ml



#21 AR-1248-1

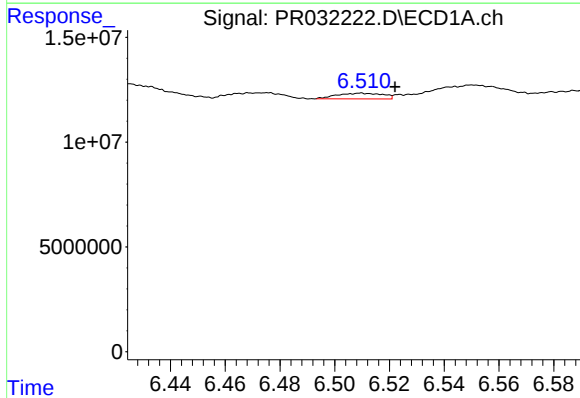
R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 6116302
Conc: 4.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



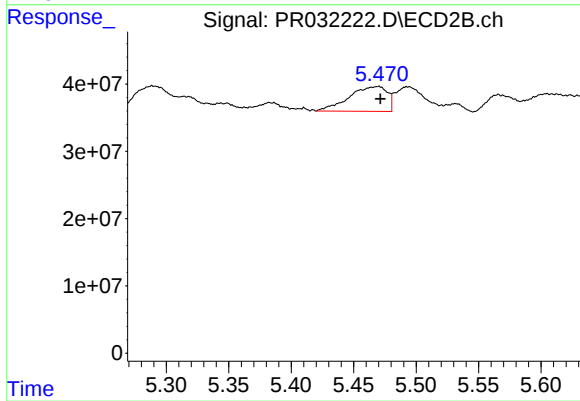
#21 AR-1248-1

R.T.: 4.940 min
Delta R.T.: 0.018 min
Response: 114122629
Conc: 39.99 ng/ml



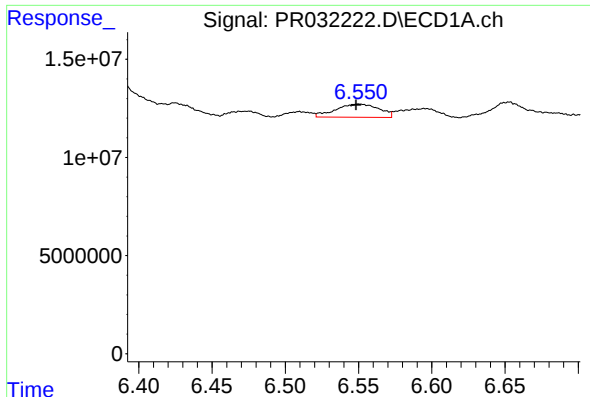
#22 AR-1248-2

R.T.: 6.510 min
Delta R.T.: -0.012 min
Response: 3172979
Conc: 2.44 ng/ml



#22 AR-1248-2

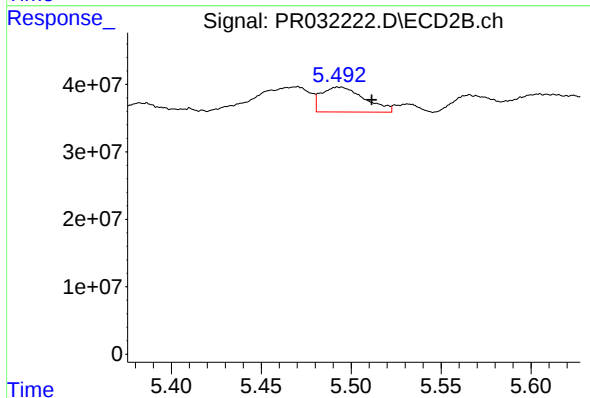
R.T.: 5.470 min
Delta R.T.: -0.002 min
Response: 78901500
Conc: 13.81 ng/ml



#23 AR-1248-3

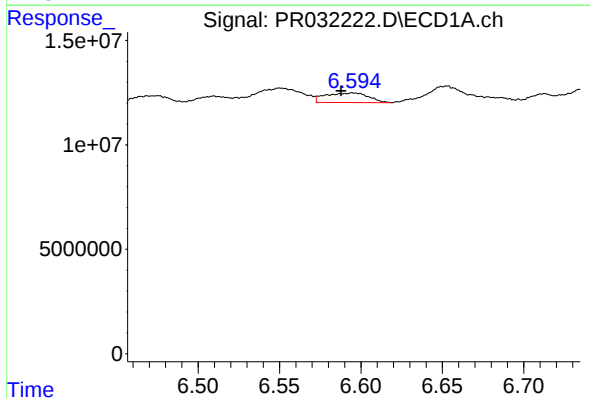
R.T.: 6.550 min
Delta R.T.: 0.002 min
Response: 13781738
Conc: 7.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



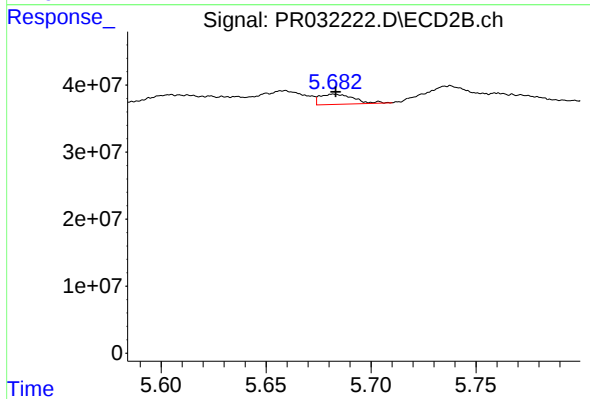
#23 AR-1248-3

R.T.: 5.493 min
Delta R.T.: -0.018 min
Response: 61760676
Conc: 14.24 ng/ml



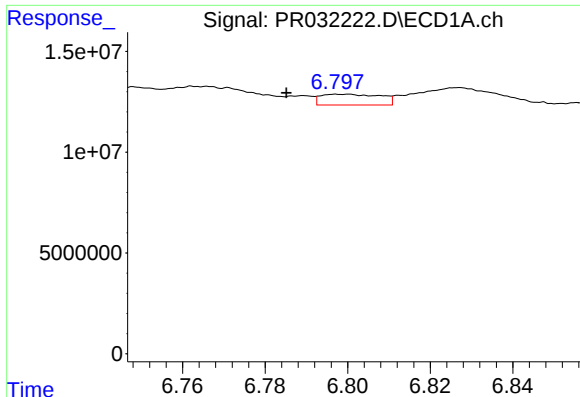
#24 AR-1248-4

R.T.: 6.595 min
Delta R.T.: 0.007 min
Response: 8437829
Conc: 4.98 ng/ml



#24 AR-1248-4

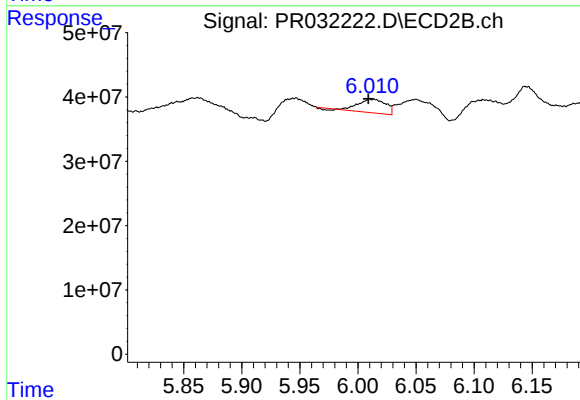
R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 17028685
Conc: 4.30 ng/ml



#25 AR-1248-5

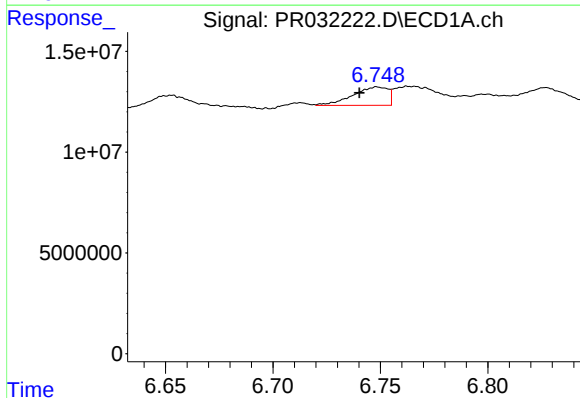
R.T.: 6.799 min
Delta R.T.: 0.014 min
Response: 5384264
Conc: 4.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



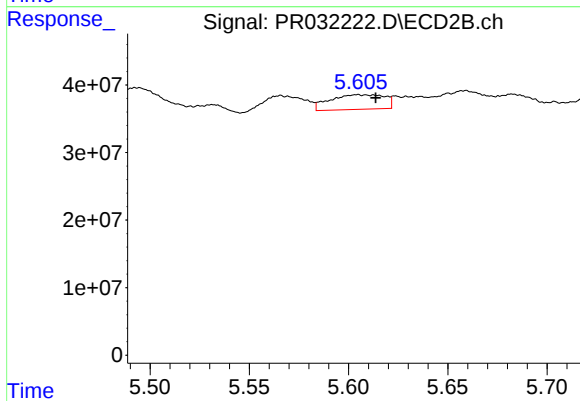
#25 AR-1248-5

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 34678777
Conc: 13.71 ng/ml



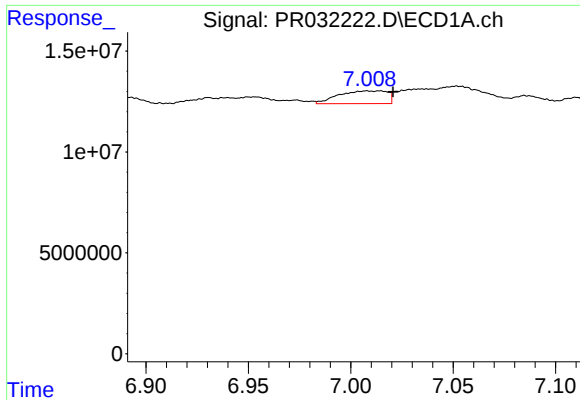
#26 AR-1254-1

R.T.: 6.749 min
Delta R.T.: 0.008 min
Response: 10331694
Conc: 6.84 ng/ml



#26 AR-1254-1

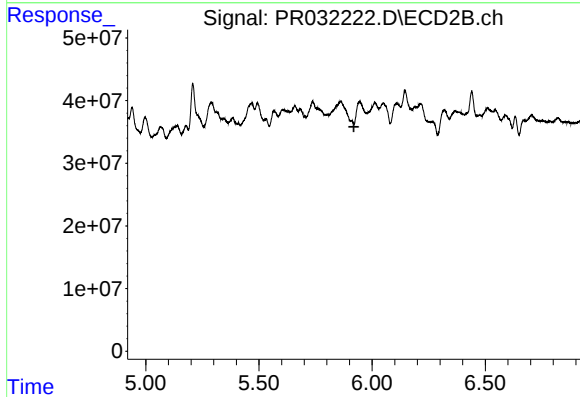
R.T.: 5.605 min
Delta R.T.: -0.009 min
Response: 41598207
Conc: 13.30 ng/ml



#27 AR-1254-2

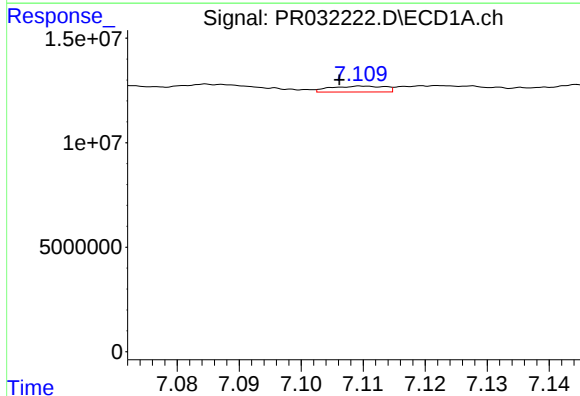
R.T.: 7.008 min
Delta R.T.: -0.012 min
Response: 10456423
Conc: 10.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



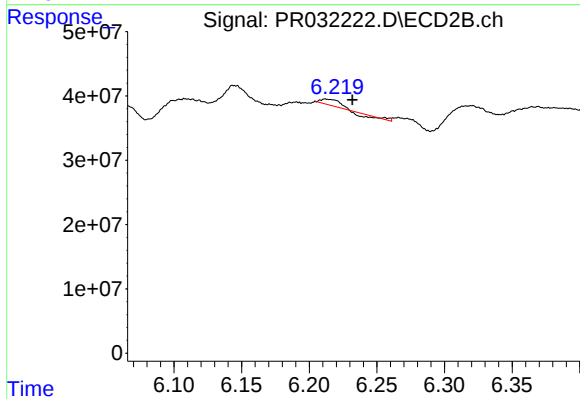
#27 AR-1254-2

R.T.: 5.946 min
Delta R.T.: 0.027 min
Response: -10980002
Conc: N.D.



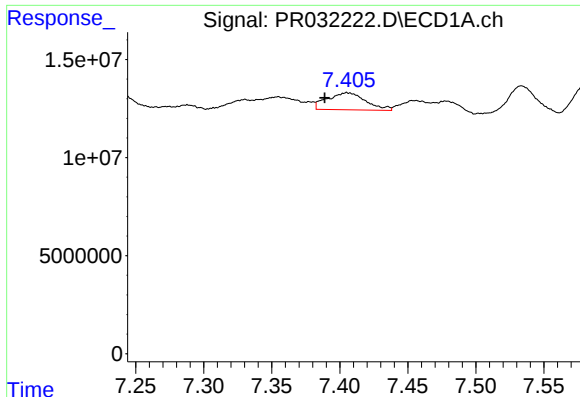
#28 AR-1254-3

R.T.: 7.110 min
Delta R.T.: 0.004 min
Response: 1718850
Conc: 0.96 ng/ml



#28 AR-1254-3

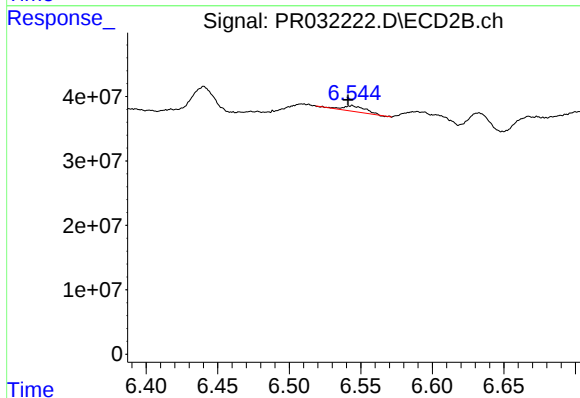
R.T.: 6.212 min
Delta R.T.: -0.019 min
Response: 7072980
Conc: 2.20 ng/ml



#29 AR-1254-4

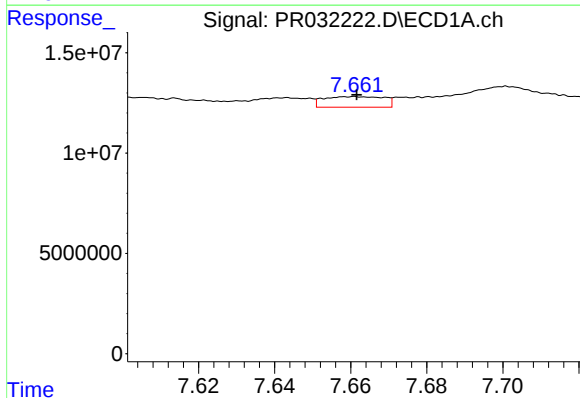
R.T.: 7.405 min
Delta R.T.: 0.016 min
Response: 17145454
Conc: 12.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



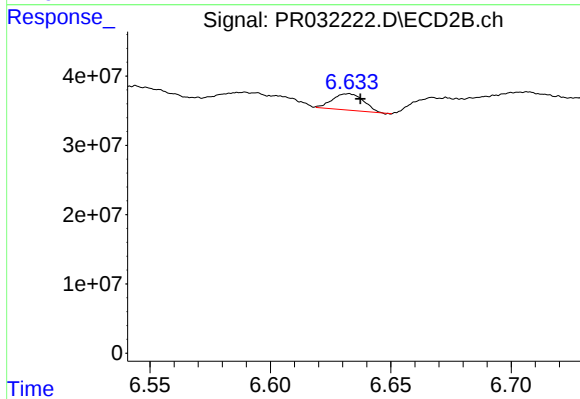
#29 AR-1254-4

R.T.: 6.543 min
Delta R.T.: 0.002 min
Response: 10821615
Conc: 5.75 ng/ml



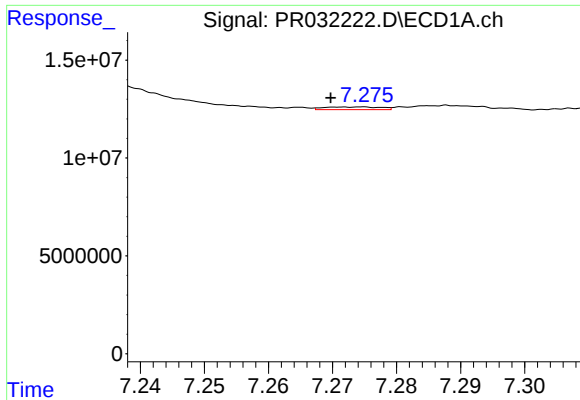
#30 AR-1254-5

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 5829689
Conc: 6.09 ng/ml



#30 AR-1254-5

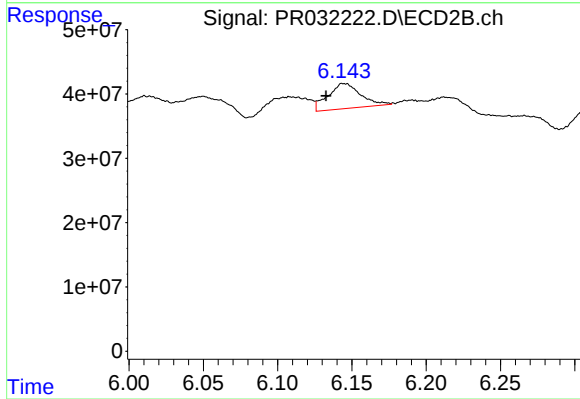
R.T.: 6.632 min
Delta R.T.: -0.005 min
Response: 21507911
Conc: 9.77 ng/ml



#31 AR-1260-1

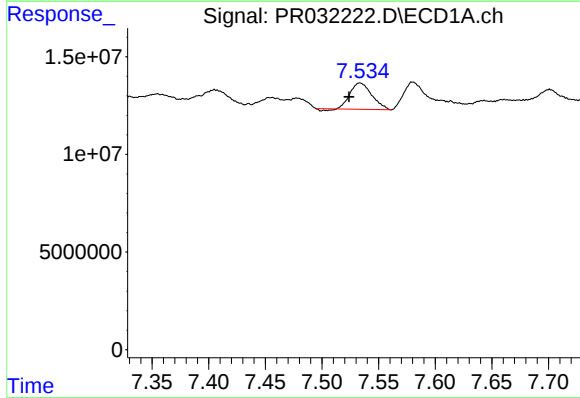
R.T.: 7.274 min
Delta R.T.: 0.004 min
Response: 851044
Conc: 0.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



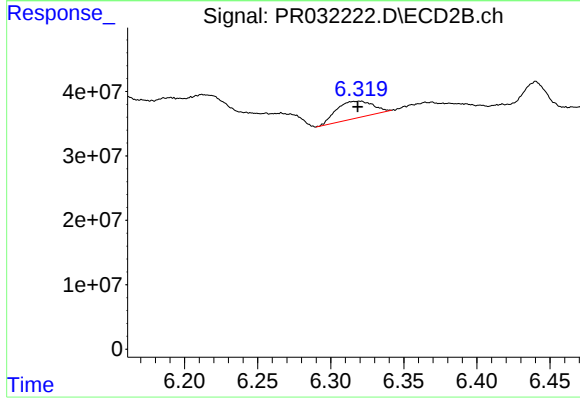
#31 AR-1260-1

R.T.: 6.145 min
Delta R.T.: 0.012 min
Response: 59849005
Conc: 18.07 ng/ml



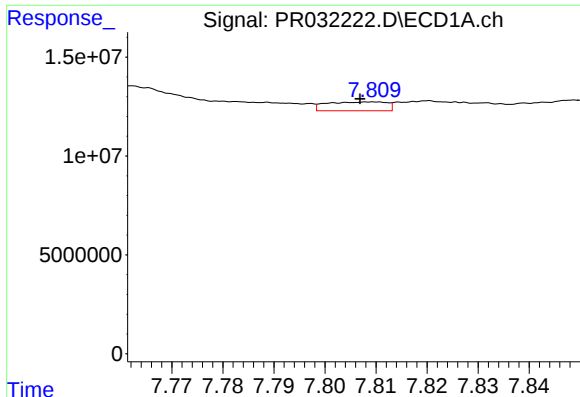
#32 AR-1260-2

R.T.: 7.534 min
Delta R.T.: 0.010 min
Response: 17639543
Conc: 10.66 ng/ml



#32 AR-1260-2

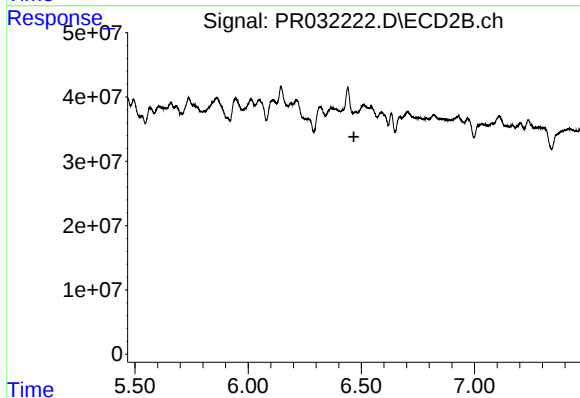
R.T.: 6.320 min
Delta R.T.: 0.002 min
Response: 45729809
Conc: 11.19 ng/ml



#33 AR-1260-3

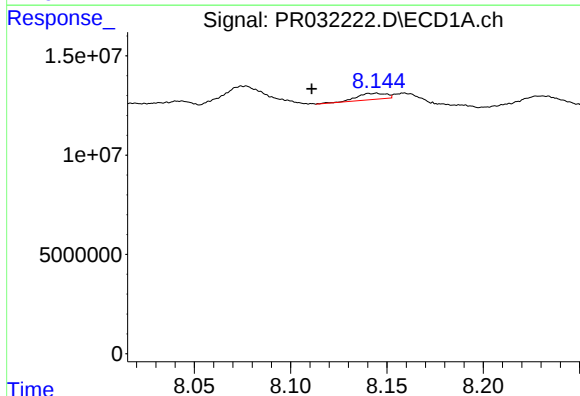
R.T.: 7.809 min
Delta R.T.: 0.002 min
Response: 3659195
Conc: 1.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



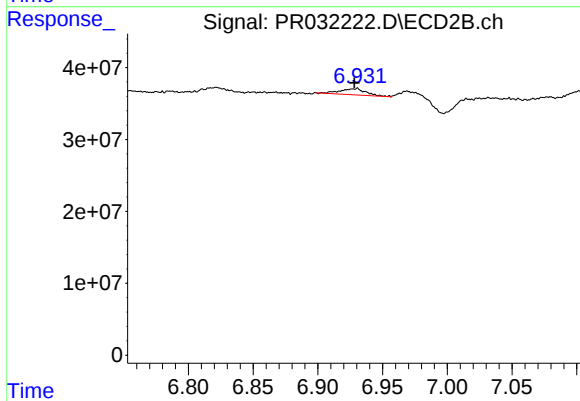
#33 AR-1260-3

R.T.: 6.473 min
Delta R.T.: 0.006 min
Response: -1545852
Conc: N.D.



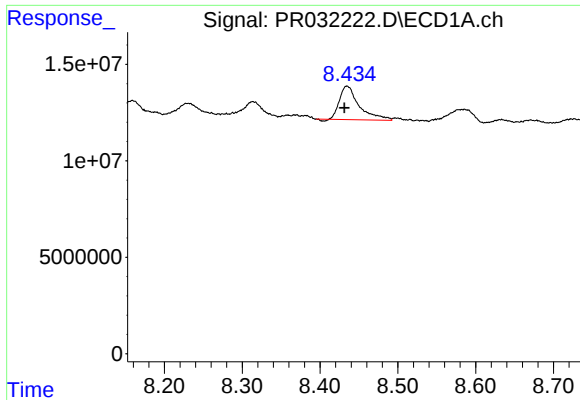
#34 AR-1260-4

R.T.: 8.144 min
Delta R.T.: 0.033 min
Response: 3266300
Conc: 2.37 ng/ml



#34 AR-1260-4

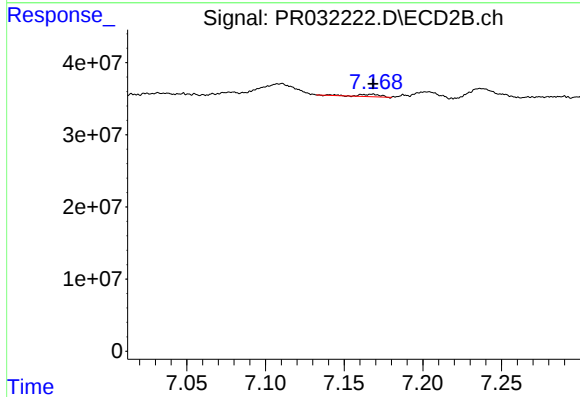
R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 11761258
Conc: 5.87 ng/ml



#35 AR-1260-5

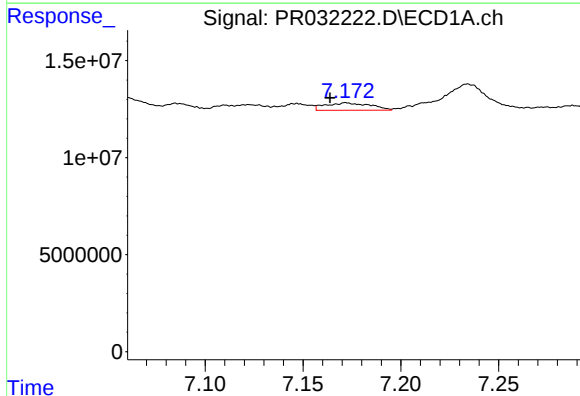
R.T.: 8.435 min
Delta R.T.: 0.003 min
Response: 30256314
Conc: 9.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



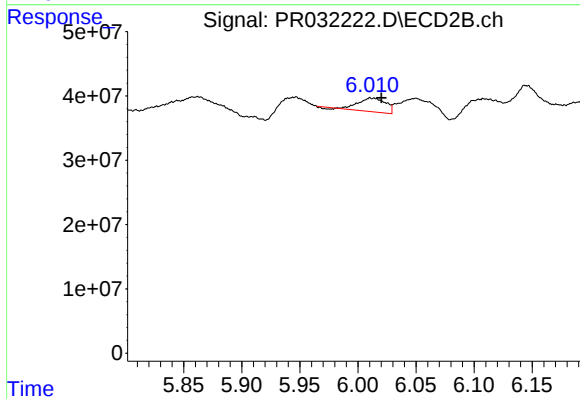
#35 AR-1260-5

R.T.: 7.167 min
Delta R.T.: -0.002 min
Response: 3135858
Conc: 0.77 ng/ml



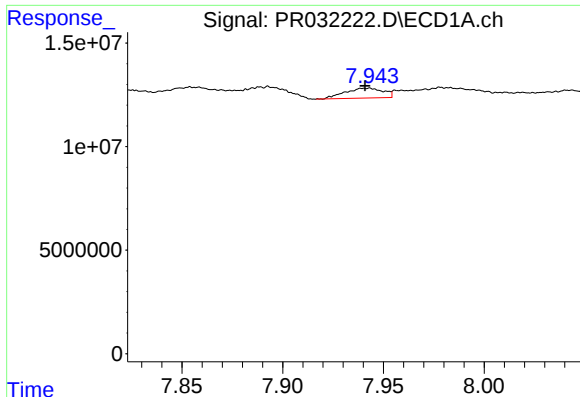
#36 AR-1262-1

R.T.: 7.172 min
Delta R.T.: 0.008 min
Response: 6047524
Conc: 7.96 ng/ml



#36 AR-1262-1

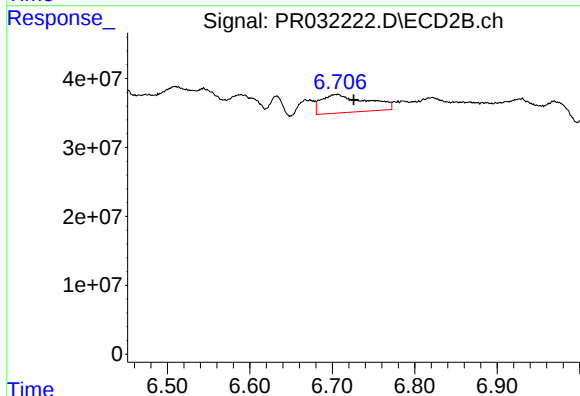
R.T.: 6.011 min
Delta R.T.: -0.009 min
Response: 34678777
Conc: 20.05 ng/ml



#37 AR-1262-2

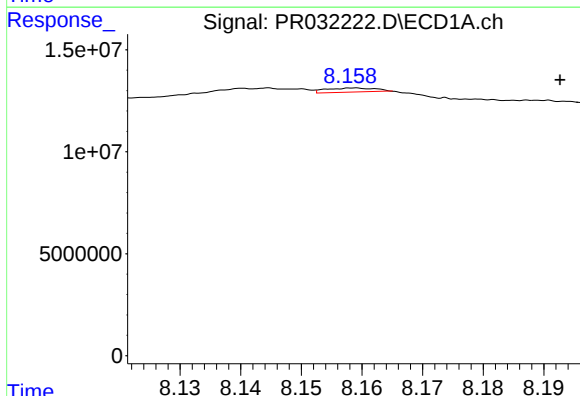
R.T.: 7.942 min
Delta R.T.: 0.001 min
Response: 6274371
Conc: 8.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



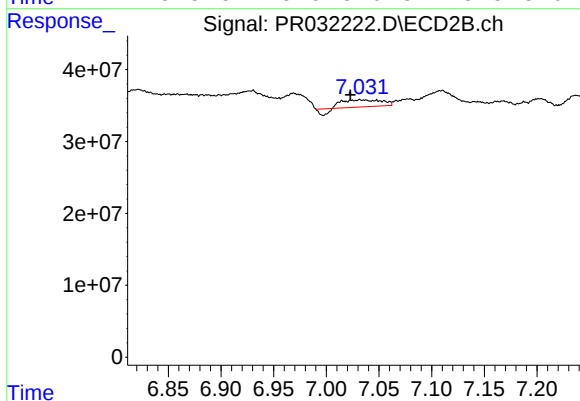
#37 AR-1262-2

R.T.: 6.705 min
Delta R.T.: -0.021 min
Response: 101288945
Conc: 71.24 ng/ml



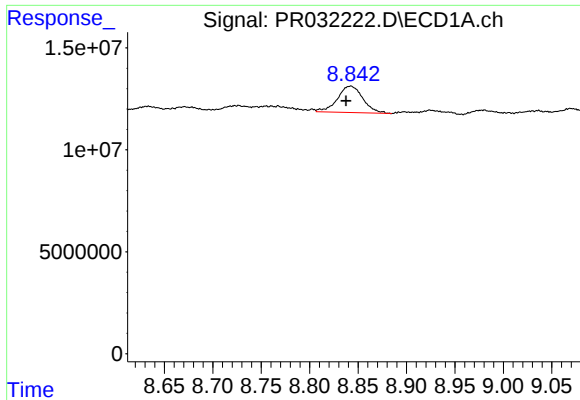
#38 AR-1262-3

R.T.: 8.159 min
Delta R.T.: -0.034 min
Response: 1227477
Conc: 2.02 ng/ml



#38 AR-1262-3

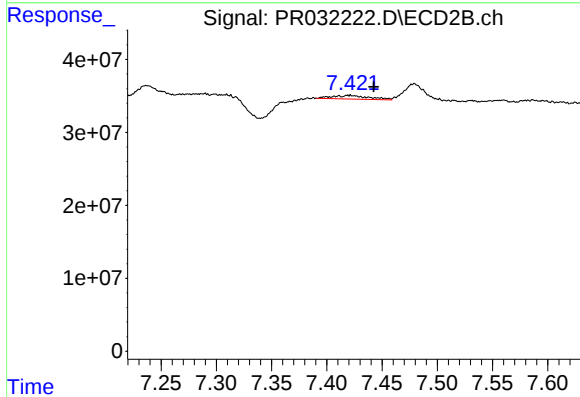
R.T.: 7.033 min
Delta R.T.: 0.010 min
Response: 20938508
Conc: 20.59 ng/ml



#39 AR-1262-4

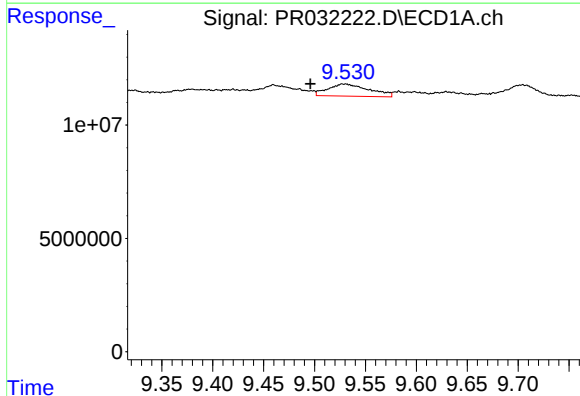
R.T.: 8.842 min
Delta R.T.: 0.005 min
Response: 23837793
Conc: 13.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



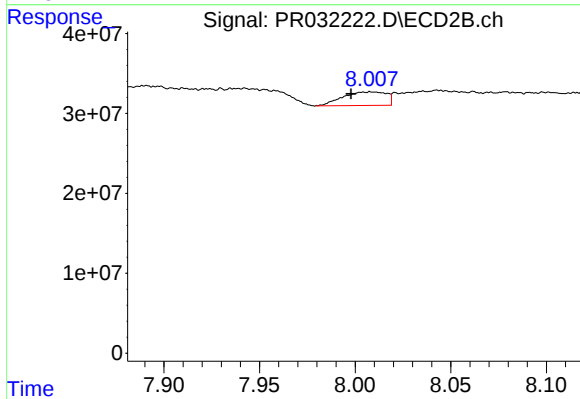
#39 AR-1262-4

R.T.: 7.421 min
Delta R.T.: -0.021 min
Response: 11224447
Conc: 6.63 ng/ml



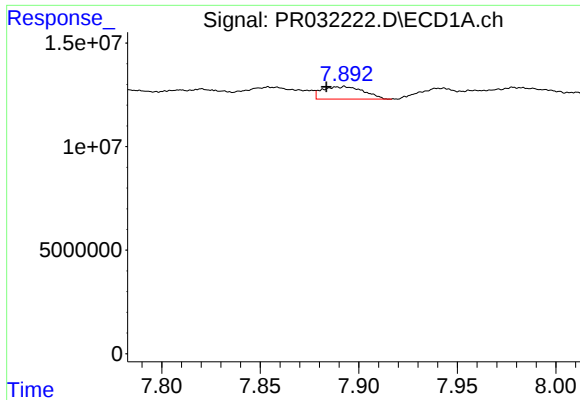
#40 AR-1262-5

R.T.: 9.530 min
Delta R.T.: 0.034 min
Response: 15030711
Conc: 11.10 ng/ml



#40 AR-1262-5

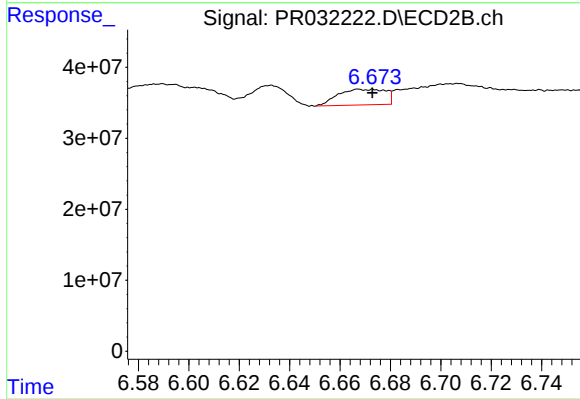
R.T.: 8.008 min
Delta R.T.: 0.010 min
Response: 26885949
Conc: 25.50 ng/ml



#41 AR-1268-1

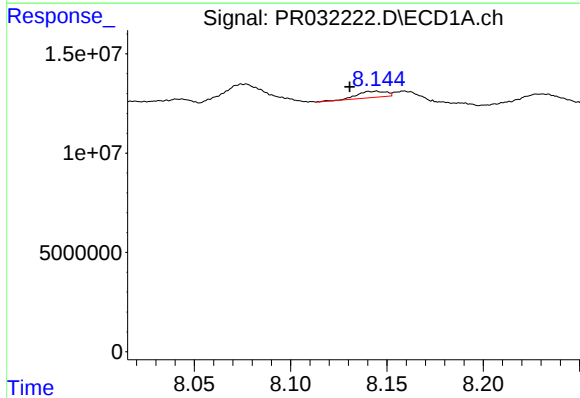
R.T.: 7.893 min
Delta R.T.: 0.009 min
Response: 8875824
Conc: 12.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



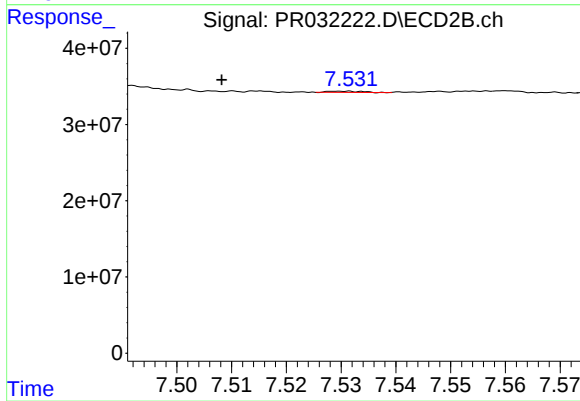
#41 AR-1268-1

R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 28676693
Conc: 20.47 ng/ml



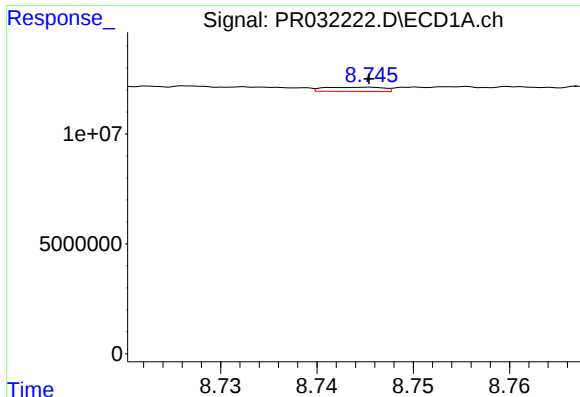
#42 AR-1268-2

R.T.: 8.144 min
Delta R.T.: 0.014 min
Response: 3266300
Conc: 3.53 ng/ml



#42 AR-1268-2

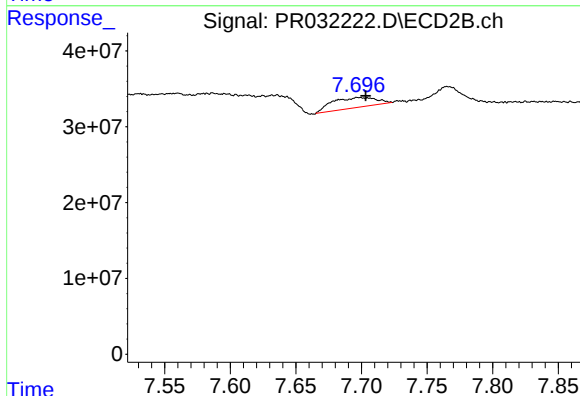
R.T.: 7.531 min
Delta R.T.: 0.023 min
Response: 626194
Conc: 0.10 ng/ml



#43 AR-1268-3

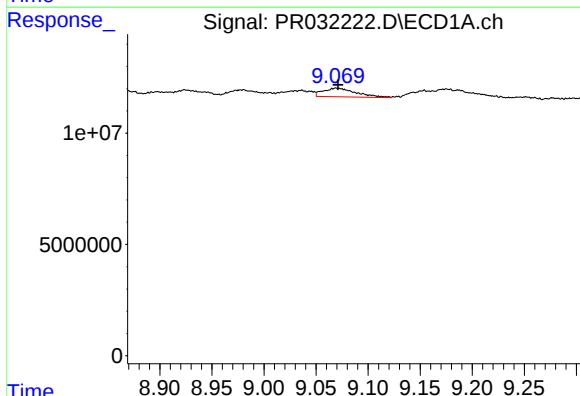
R.T.: 8.745 min
Delta R.T.: 0.000 min
Response: 818231
Conc: 0.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



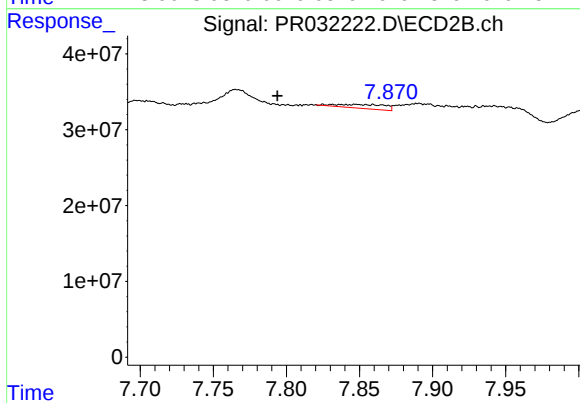
#43 AR-1268-3

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 31181759
Conc: 11.09 ng/ml



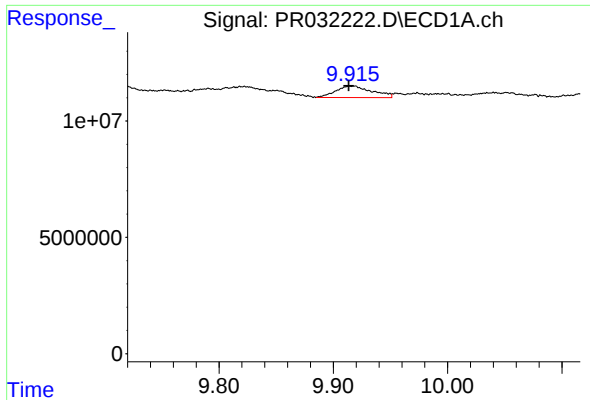
#44 AR-1268-4

R.T.: 9.070 min
Delta R.T.: -0.001 min
Response: 8696942
Conc: 2.53 ng/ml



#44 AR-1268-4

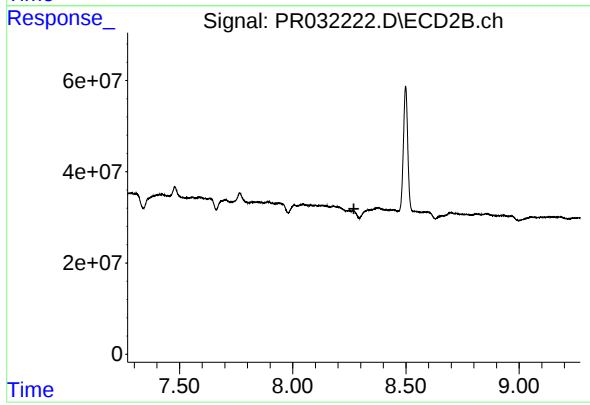
R.T.: 7.831 min
Delta R.T.: 0.037 min
Response: 11637054
Conc: 14.55 ng/ml



#45 AR-1268-5

R.T.: 9.918 min
Delta R.T.: 0.004 min
Response: 10981476
Conc: 1.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.270 min
Response: 0
Conc: N.D.