

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092718\
 Data File : PR032368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2018 10:09
 Operator : SM\SJ
 Sample : J4773-13RE
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 13:59:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 27 03:29:23 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...	4.509	3.642	325.7E6	634.4E6	15.276	14.120
2)	SA Decachlor...	10.235	8.493	363.4E6	252.3E6	12.445	11.264
Target Compounds							
3)	L1 AR-1016-1	5.661	4.685	27113647	23277812	32.029	12.684 #
4)	L1 AR-1016-2	5.661	4.685	27113647	23277812	22.980	7.099 #
5)	L1 AR-1016-3	5.752	4.890	4734261	2917584	6.533	1.865 #
6)	L1 AR-1016-4	5.859	4.922	184400	62179798	0.308	48.291 #
7)	L1 AR-1016-5	6.167	5.125	598026	-635777	0.992	N.D. #
8)	L2 AR-1221-1	4.727	3.850	2115018	3757475	7.238	6.257
9)	L2 AR-1221-2	4.811	3.935	10852060	8909567	49.187	20.792 #
10)	L2 AR-1221-3	4.875	4.018	6754242	-2812173	10.031	N.D. #
11)	L3 AR-1232-1	4.875	4.018	6754242	-2812173	16.879	N.D. #
12)	L3 AR-1232-2	5.406	4.685	16759923	23277812	80.867	17.722 #
13)	L3 AR-1232-3	5.661	4.890	27113647	2917584	56.889	4.824 #
14)	L3 AR-1232-4	5.859	4.983	184400	50830076	0.801	89.285 #
15)	L3 AR-1232-5	5.947	5.224	7125201	25689292	41.814	36.660
16)	L4 AR-1242-1	5.661	4.685	27113647	23277812	37.517	15.720 #
17)	L4 AR-1242-2	5.661	4.685	27113647	23277812	27.166	8.448 #
18)	L4 AR-1242-3	5.752	4.890	4734261	2917584	7.825	2.239 #
19)	L4 AR-1242-4	5.859	4.983	184400	50830076	0.380	37.345 #
20)	L4 AR-1242-5	6.581	5.476	6763940	25846213	10.962	12.820
21)	L5 AR-1248-1	5.661	4.685	27113647	23277812	53.970	20.838 #
22)	L5 AR-1248-2	5.947	4.922	7125201	62179798	10.796	37.738 #
23)	L5 AR-1248-3	6.167	4.983	598026	50830076	0.783	29.728 #
24)	L5 AR-1248-4	6.553	5.125	8868914	-635777	9.359	N.D. #
25)	L5 AR-1248-5	6.581	5.523	6763940	13746636	7.529	5.624 #
26)	L6 AR-1254-1	6.517	5.476	13203738	25846213	11.487	5.715 #
27)	L6 AR-1254-2	6.729	5.630	14412566	39275416	8.076	9.855
28)	L6 AR-1254-3	7.106	6.017	20722501	136.0E6	10.547	21.560 #
29)	L6 AR-1254-4	7.380	6.212	3374662	87936173	2.161	17.912 #
30)	L6 AR-1254-5	7.799	6.633	4790290	16731028	2.942	3.805 #
31)	L7 AR-1260-1	7.261	6.145	18046571	61949352	13.562	16.905
32)	L7 AR-1260-2	7.516	6.315	54211155	54825280	32.038	11.826 #
33)	L7 AR-1260-3	7.882	6.462	1076210	7387538	0.805	1.991 #
34)	L7 AR-1260-4	8.120	6.921	1195505	17098215	0.839	7.441 #
35)	L7 AR-1260-5	8.419	7.161	3790170	31655147	1.188	6.461 #
36)	L8 AR-1262-1	7.882	6.670	1076210	8789219	0.673	2.272 #
37)	L8 AR-1262-2	8.419	7.161	3790170	31655147	1.313	6.890 #
38)	L8 AR-1262-3	8.733	7.427	6359055	26329452	3.381	14.643 #
39)	L8 AR-1262-4	8.823	7.471	1265342	21988694	0.830	7.968 #
40)	L8 AR-1262-5	9.476	7.974	3576588	10805985	3.147	9.541 #
41)	L9 AR-1268-1	8.733	7.427	6359055	26329452	1.360	4.862 #

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 Acq On : 27 Sep 2018 10:09
 Operator : SM\SJ
 Sample : J4773-13RE
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

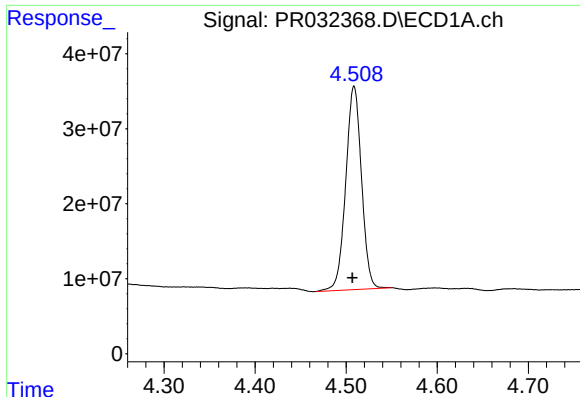
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 13:59:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092618.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	8.823	7.471	1265342	21988694	0.290	4.832 #
43) L9	AR-1268-3	9.056	7.693	9980531	4351598	2.538	1.189 #
44) L9	AR-1268-4	9.476	7.974	3576588	10805985	2.154	6.929 #
45) L9	AR-1268-5	9.898	8.262	10128703	6337210	0.874	0.737

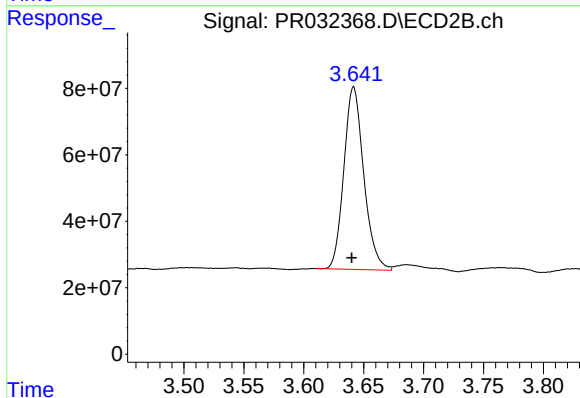
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

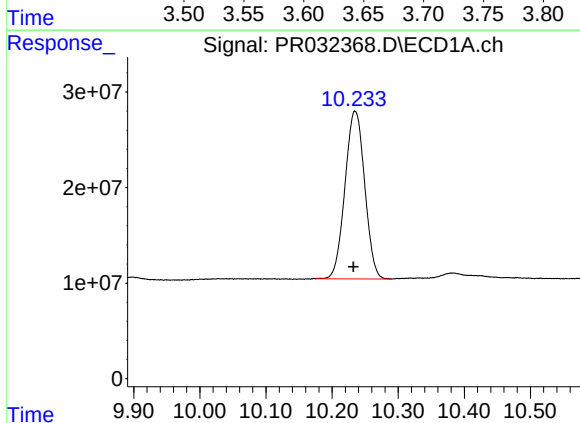
R.T.: 4.509 min
Delta R.T.: 0.002 min
Response: 325749574
Conc: 15.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



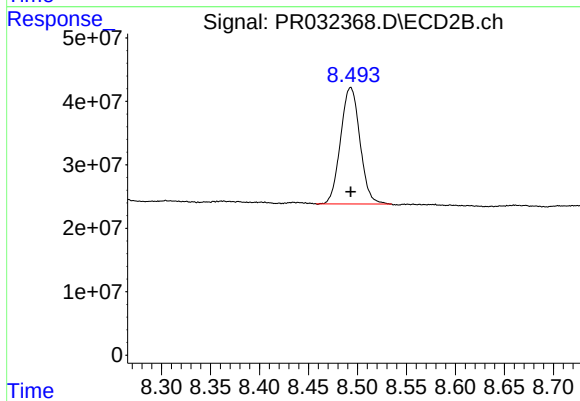
#1 Tetrachloro-m-xylene

R.T.: 3.642 min
Delta R.T.: 0.002 min
Response: 634441054
Conc: 14.12 ng/ml



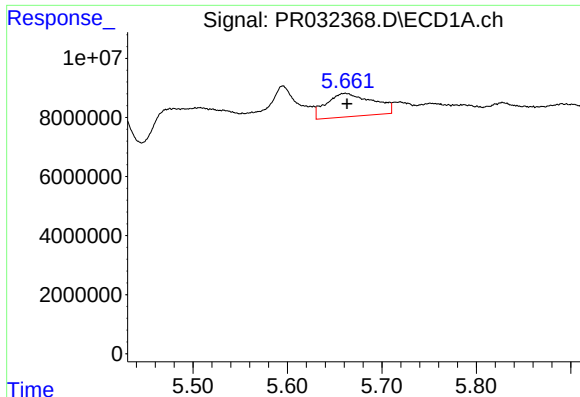
#2 Decachlorobiphenyl

R.T.: 10.235 min
Delta R.T.: 0.003 min
Response: 363434297
Conc: 12.44 ng/ml



#2 Decachlorobiphenyl

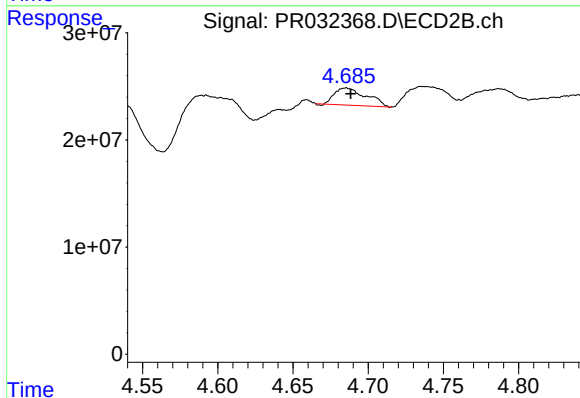
R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 252329419
Conc: 11.26 ng/ml



#3 AR-1016-1

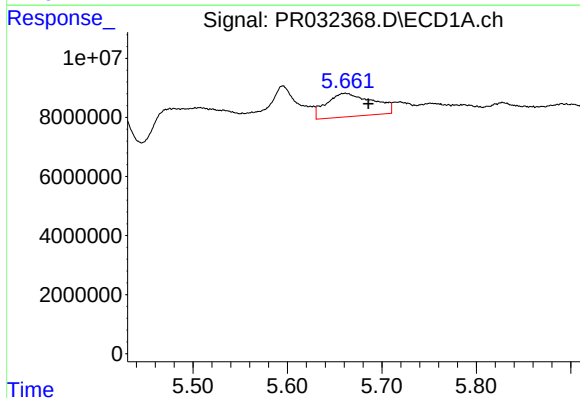
R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 27113647
Conc: 32.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



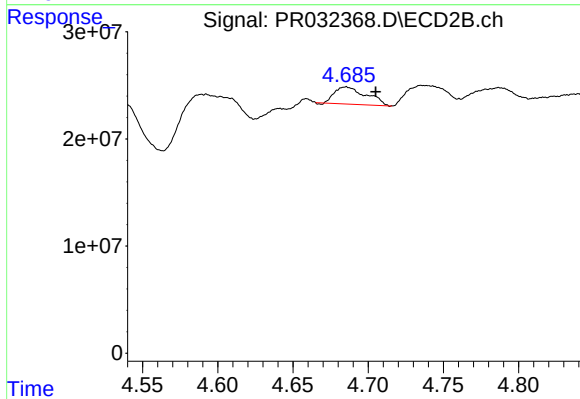
#3 AR-1016-1

R.T.: 4.685 min
Delta R.T.: -0.003 min
Response: 23277812
Conc: 12.68 ng/ml



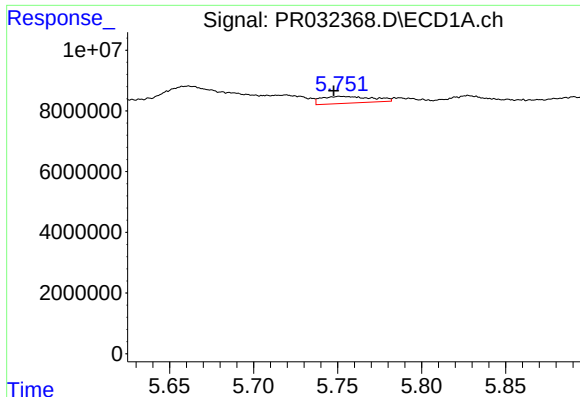
#4 AR-1016-2

R.T.: 5.661 min
Delta R.T.: -0.024 min
Response: 27113647
Conc: 22.98 ng/ml



#4 AR-1016-2

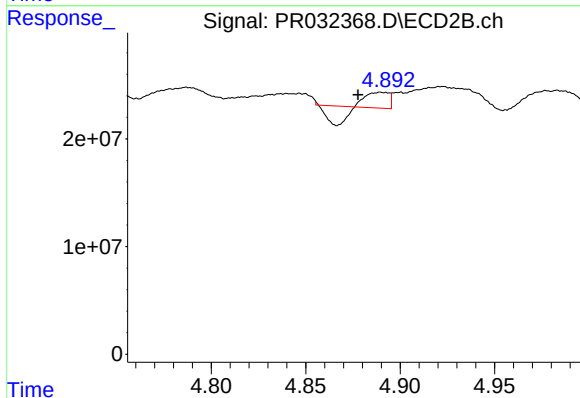
R.T.: 4.685 min
Delta R.T.: -0.020 min
Response: 23277812
Conc: 7.10 ng/ml



#5 AR-1016-3

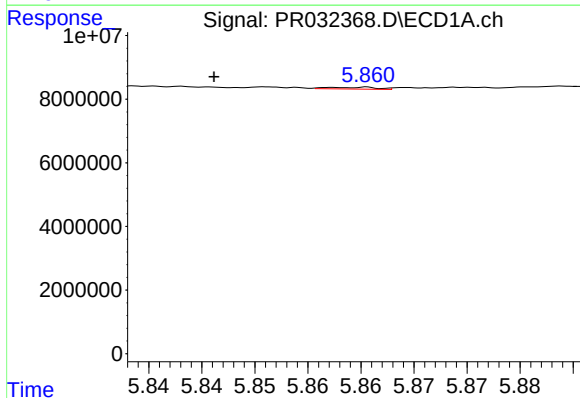
R.T.: 5.752 min
Delta R.T.: 0.004 min
Response: 4734261
Conc: 6.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



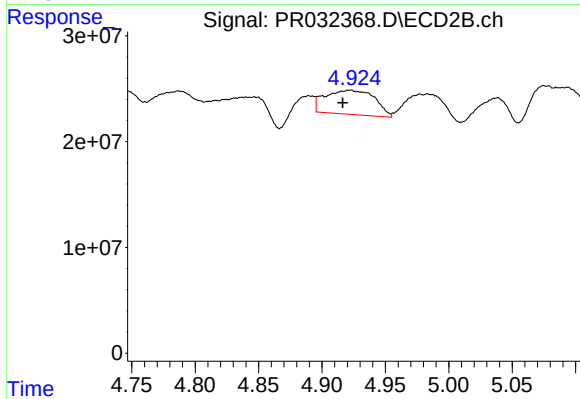
#5 AR-1016-3

R.T.: 4.890 min
Delta R.T.: 0.012 min
Response: 2917584
Conc: 1.87 ng/ml



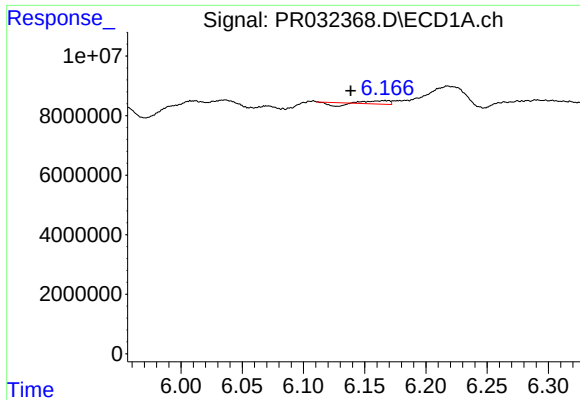
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: 0.013 min
Response: 184400
Conc: 0.31 ng/ml



#6 AR-1016-4

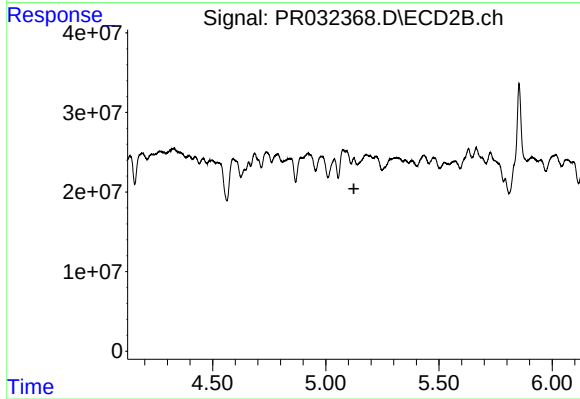
R.T.: 4.922 min
Delta R.T.: 0.006 min
Response: 62179798
Conc: 48.29 ng/ml



#7 AR-1016-5

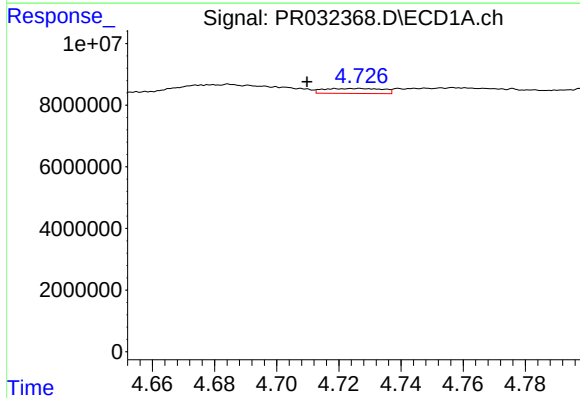
R.T.: 6.167 min
Delta R.T.: 0.028 min
Response: 598026
Conc: 0.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



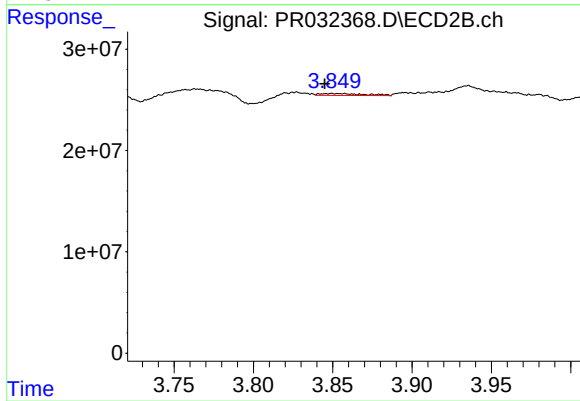
#7 AR-1016-5

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: -635777
Conc: N.D.



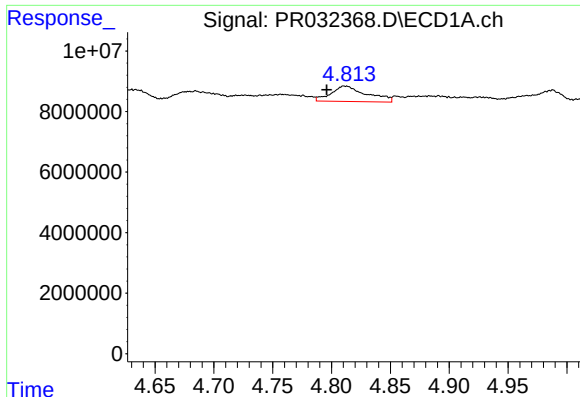
#8 AR-1221-1

R.T.: 4.727 min
Delta R.T.: 0.017 min
Response: 2115018
Conc: 7.24 ng/ml



#8 AR-1221-1

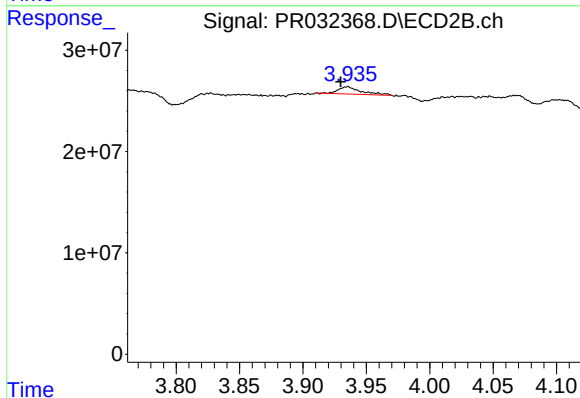
R.T.: 3.850 min
Delta R.T.: 0.005 min
Response: 3757475
Conc: 6.26 ng/ml



#9 AR-1221-2

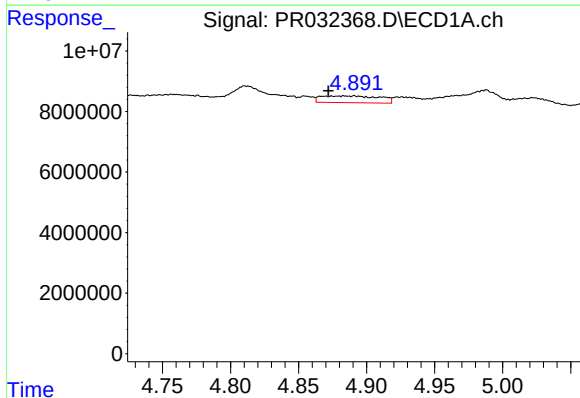
R.T.: 4.811 min
Delta R.T.: 0.015 min
Response: 10852060
Conc: 49.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



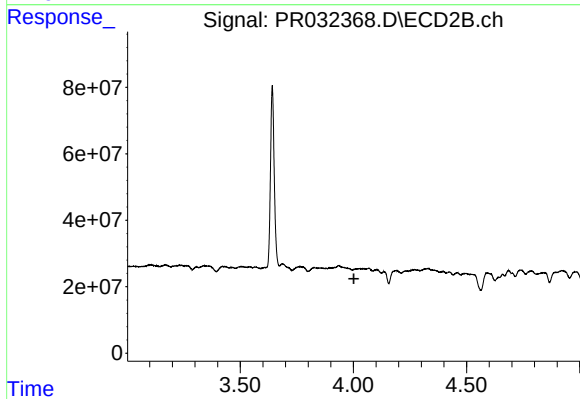
#9 AR-1221-2

R.T.: 3.935 min
Delta R.T.: 0.005 min
Response: 8909567
Conc: 20.79 ng/ml



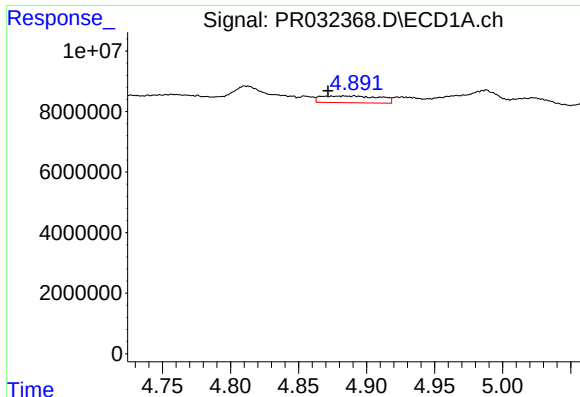
#10 AR-1221-3

R.T.: 4.875 min
Delta R.T.: 0.003 min
Response: 6754242
Conc: 10.03 ng/ml



#10 AR-1221-3

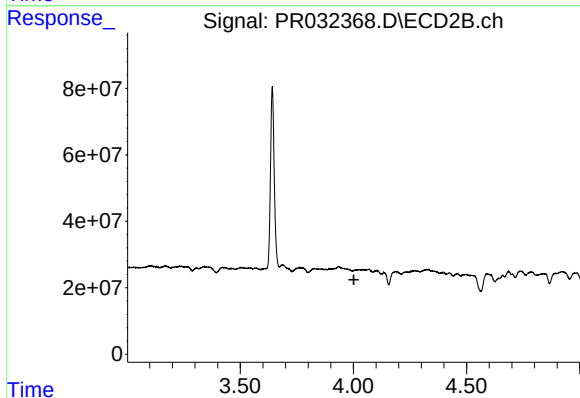
R.T.: 4.018 min
Delta R.T.: 0.016 min
Response: -2812173
Conc: N.D.



#11 AR-1232-1

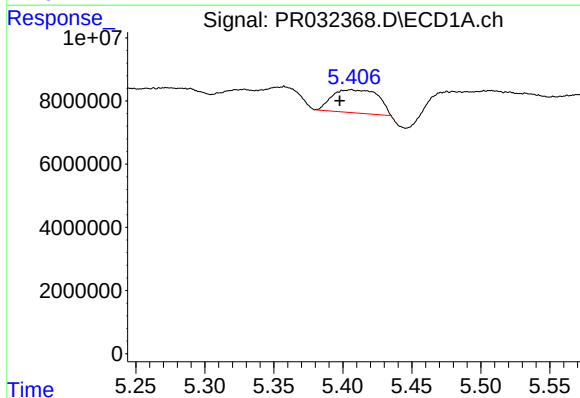
R.T.: 4.875 min
Delta R.T.: 0.003 min
Response: 6754242
Conc: 16.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



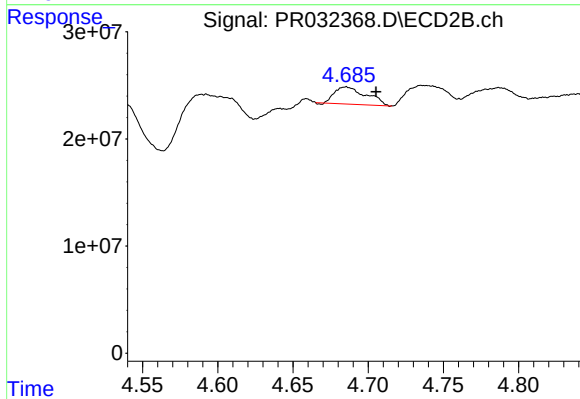
#11 AR-1232-1

R.T.: 4.018 min
Delta R.T.: 0.016 min
Response: -2812173
Conc: N.D.



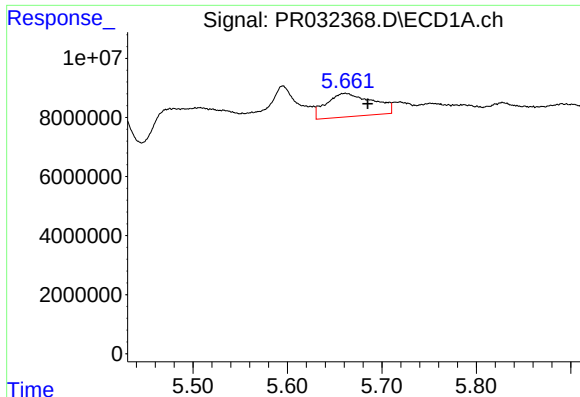
#12 AR-1232-2

R.T.: 5.406 min
Delta R.T.: 0.008 min
Response: 16759923
Conc: 80.87 ng/ml



#12 AR-1232-2

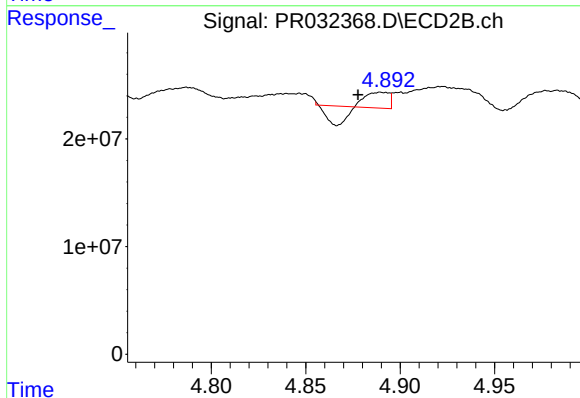
R.T.: 4.685 min
Delta R.T.: -0.020 min
Response: 23277812
Conc: 17.72 ng/ml



#13 AR-1232-3

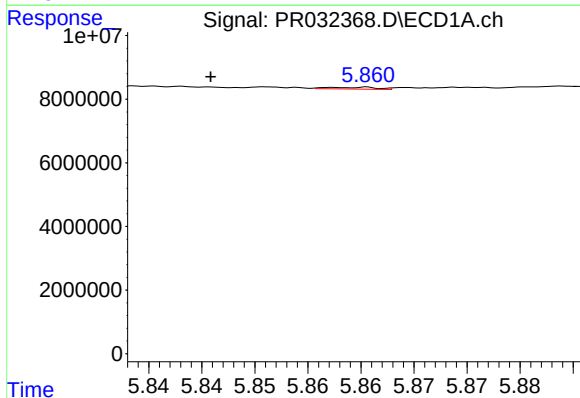
R.T.: 5.661 min
Delta R.T.: -0.024 min
Response: 27113647
Conc: 56.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



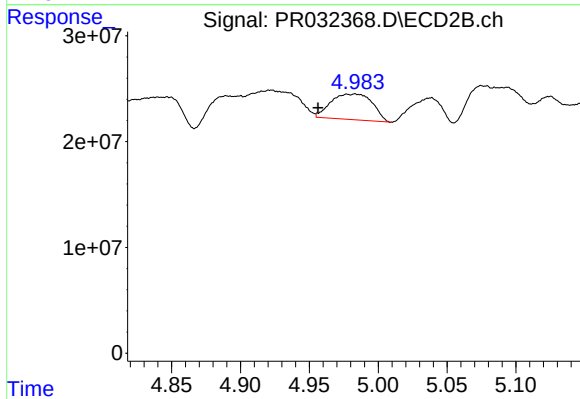
#13 AR-1232-3

R.T.: 4.890 min
Delta R.T.: 0.012 min
Response: 2917584
Conc: 4.82 ng/ml



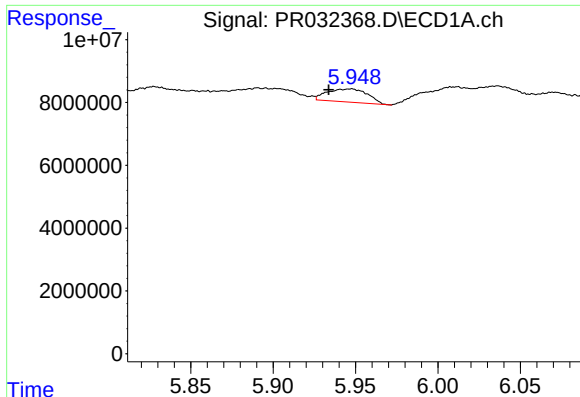
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: 0.013 min
Response: 184400
Conc: 0.80 ng/ml



#14 AR-1232-4

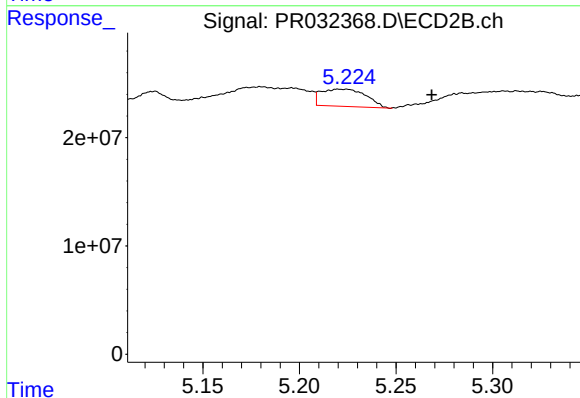
R.T.: 4.983 min
Delta R.T.: 0.027 min
Response: 50830076
Conc: 89.29 ng/ml



#15 AR-1232-5

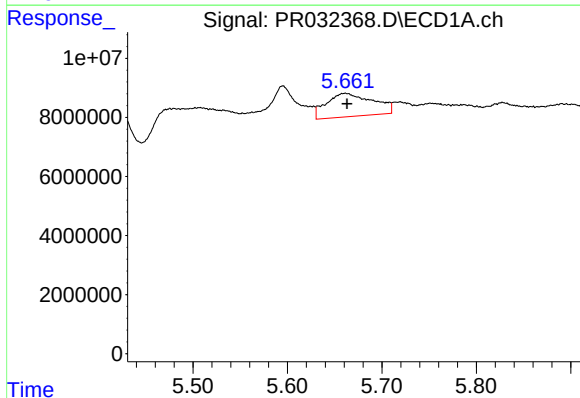
R.T.: 5.947 min
Delta R.T.: 0.013 min
Response: 7125201
Conc: 41.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



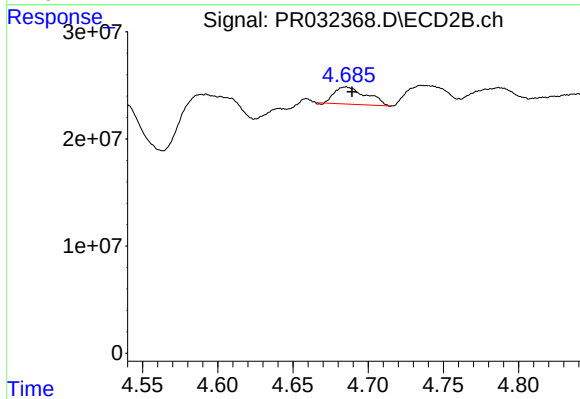
#15 AR-1232-5

R.T.: 5.224 min
Delta R.T.: -0.044 min
Response: 25689292
Conc: 36.66 ng/ml



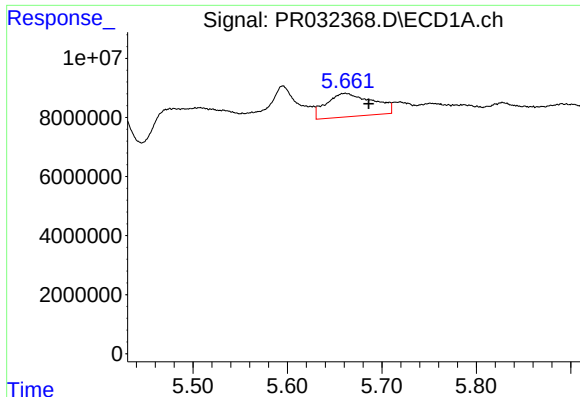
#16 AR-1242-1

R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 27113647
Conc: 37.52 ng/ml



#16 AR-1242-1

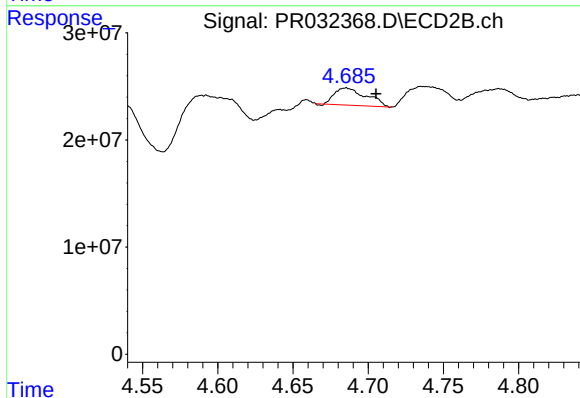
R.T.: 4.685 min
Delta R.T.: -0.004 min
Response: 23277812
Conc: 15.72 ng/ml



#17 AR-1242-2

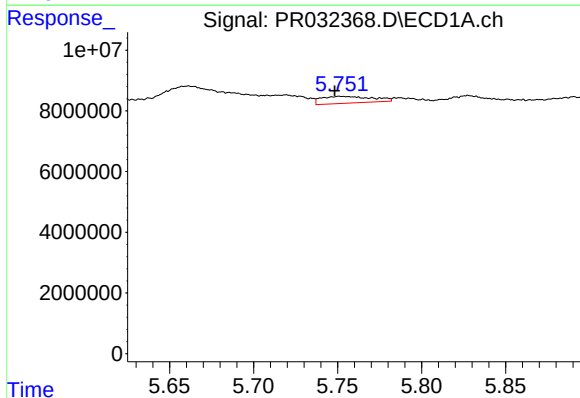
R.T.: 5.661 min
Delta R.T.: -0.025 min
Response: 27113647
Conc: 27.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



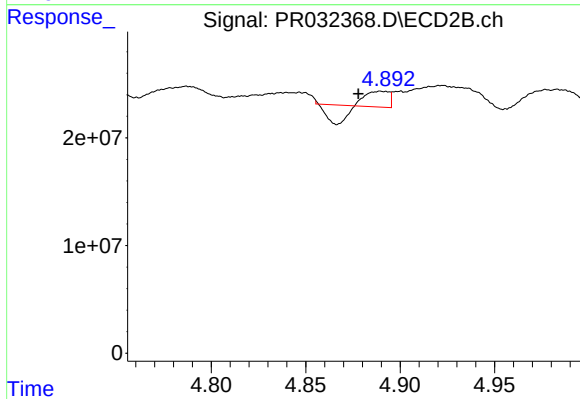
#17 AR-1242-2

R.T.: 4.685 min
Delta R.T.: -0.020 min
Response: 23277812
Conc: 8.45 ng/ml



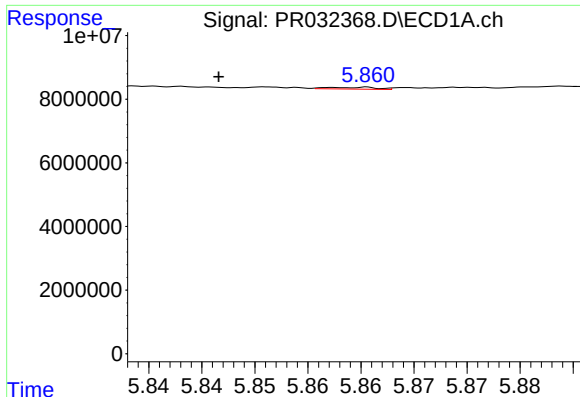
#18 AR-1242-3

R.T.: 5.752 min
Delta R.T.: 0.003 min
Response: 4734261
Conc: 7.83 ng/ml



#18 AR-1242-3

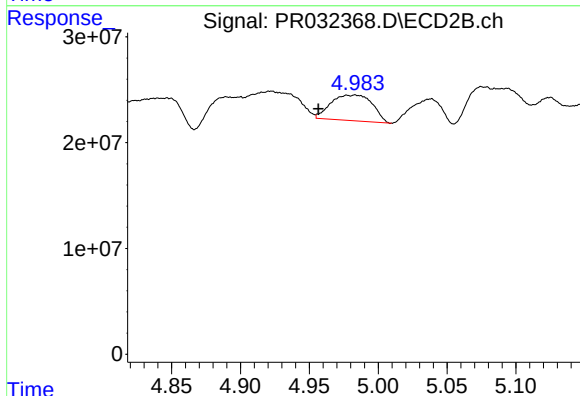
R.T.: 4.890 min
Delta R.T.: 0.012 min
Response: 2917584
Conc: 2.24 ng/ml



#19 AR-1242-4

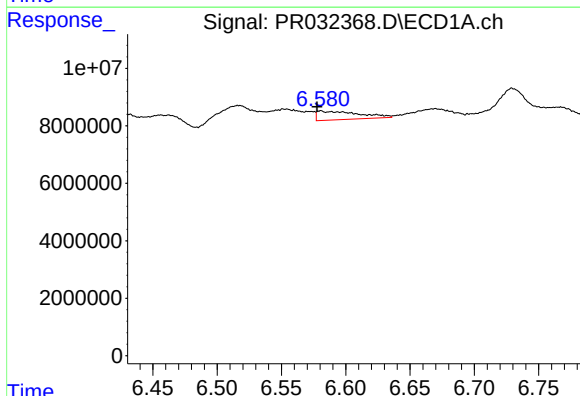
R.T.: 5.859 min
Delta R.T.: 0.012 min
Response: 184400
Conc: 0.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



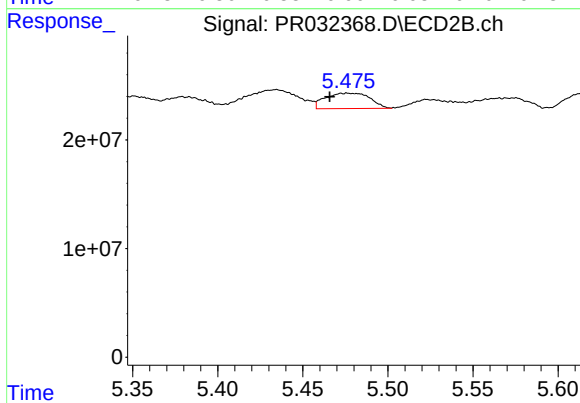
#19 AR-1242-4

R.T.: 4.983 min
Delta R.T.: 0.027 min
Response: 50830076
Conc: 37.35 ng/ml



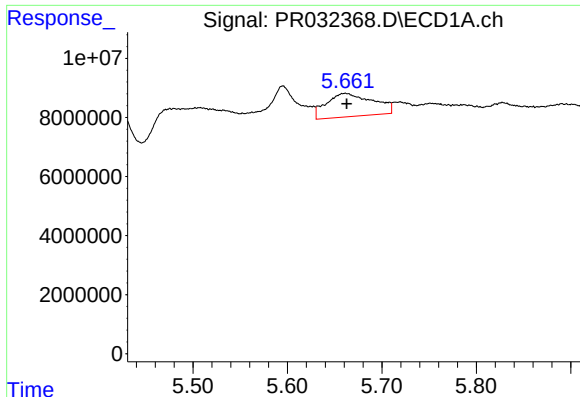
#20 AR-1242-5

R.T.: 6.581 min
Delta R.T.: 0.003 min
Response: 6763940
Conc: 10.96 ng/ml



#20 AR-1242-5

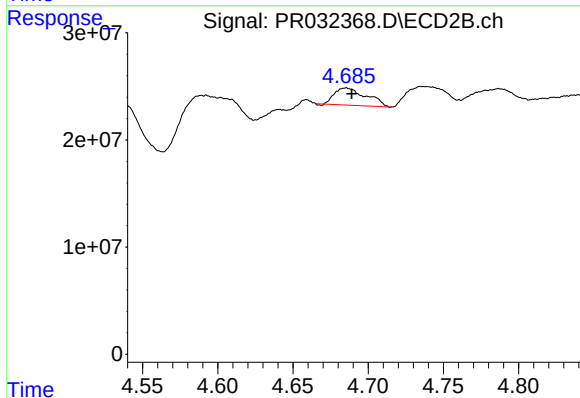
R.T.: 5.476 min
Delta R.T.: 0.010 min
Response: 25846213
Conc: 12.82 ng/ml



#21 AR-1248-1

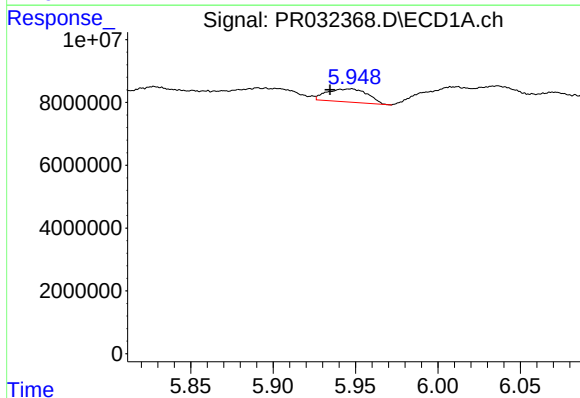
R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 27113647
Conc: 53.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



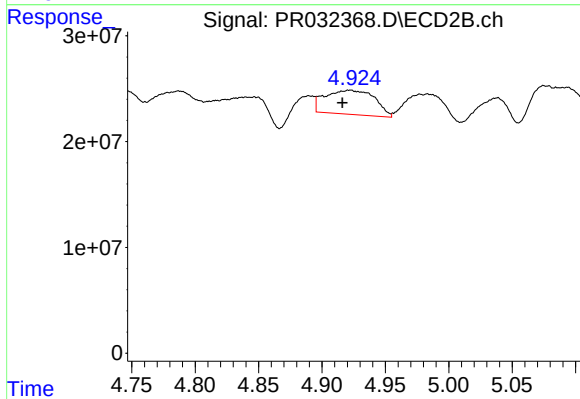
#21 AR-1248-1

R.T.: 4.685 min
Delta R.T.: -0.004 min
Response: 23277812
Conc: 20.84 ng/ml



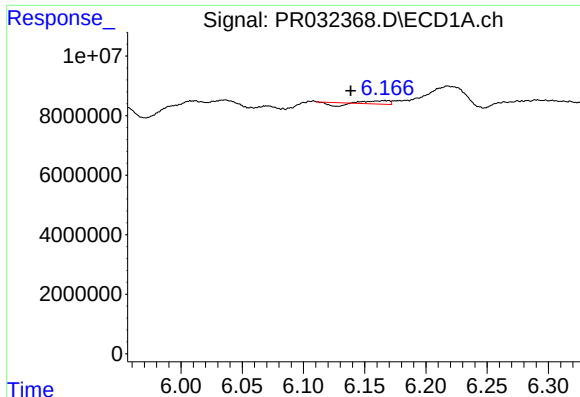
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: 0.013 min
Response: 7125201
Conc: 10.80 ng/ml



#22 AR-1248-2

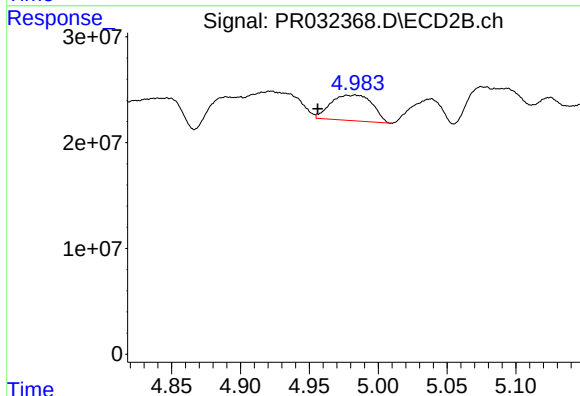
R.T.: 4.922 min
Delta R.T.: 0.006 min
Response: 62179798
Conc: 37.74 ng/ml



#23 AR-1248-3

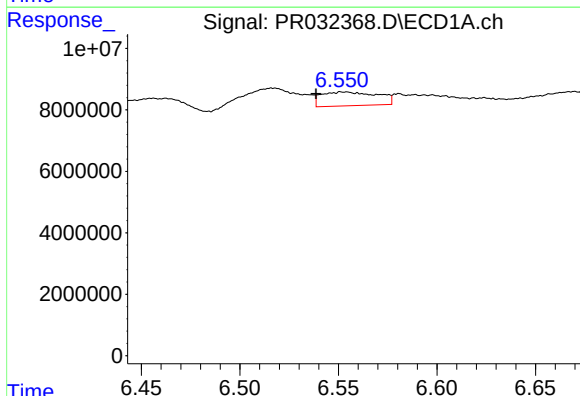
R.T.: 6.167 min
Delta R.T.: 0.028 min
Response: 598026
Conc: 0.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



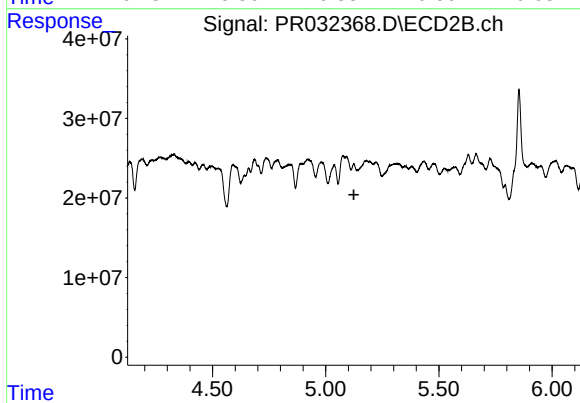
#23 AR-1248-3

R.T.: 4.983 min
Delta R.T.: 0.027 min
Response: 50830076
Conc: 29.73 ng/ml



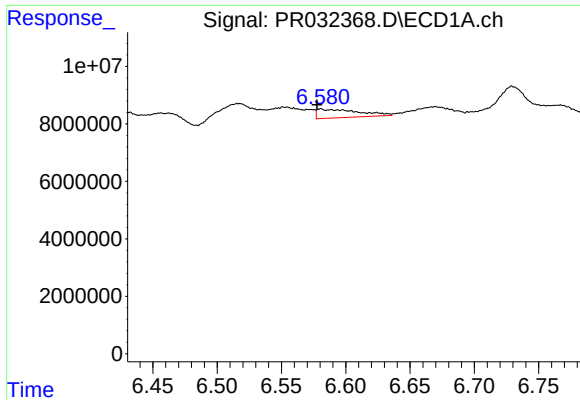
#24 AR-1248-4

R.T.: 6.553 min
Delta R.T.: 0.014 min
Response: 8868914
Conc: 9.36 ng/ml



#24 AR-1248-4

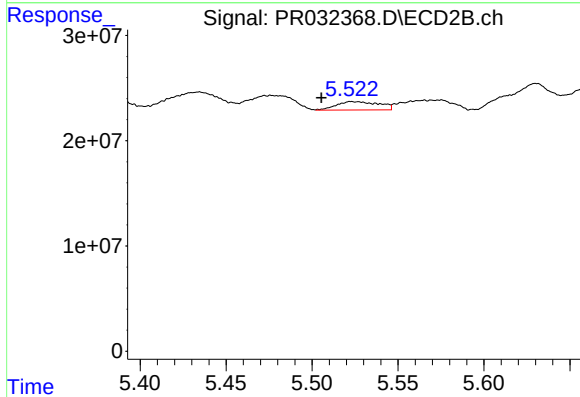
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: -635777
Conc: N.D.



#25 AR-1248-5

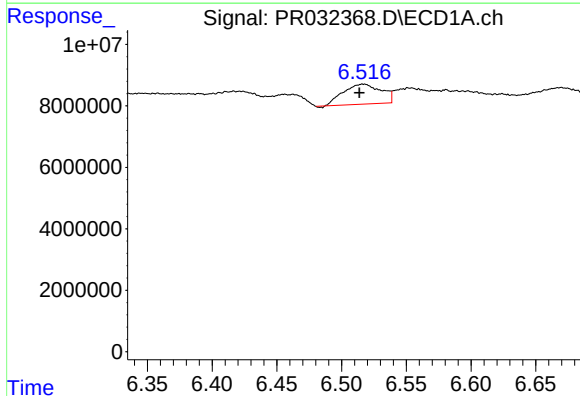
R.T.: 6.581 min
Delta R.T.: 0.003 min
Response: 6763940
Conc: 7.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



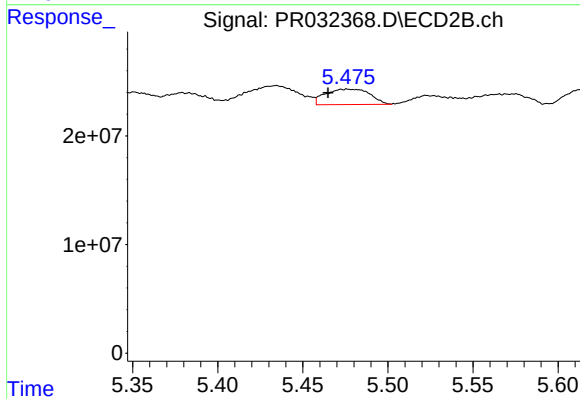
#25 AR-1248-5

R.T.: 5.523 min
Delta R.T.: 0.018 min
Response: 13746636
Conc: 5.62 ng/ml



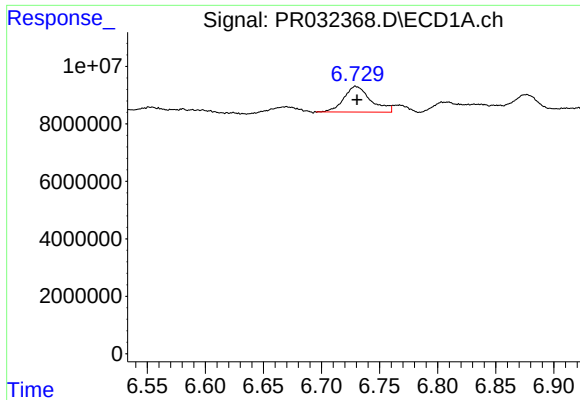
#26 AR-1254-1

R.T.: 6.517 min
Delta R.T.: 0.003 min
Response: 13203738
Conc: 11.49 ng/ml



#26 AR-1254-1

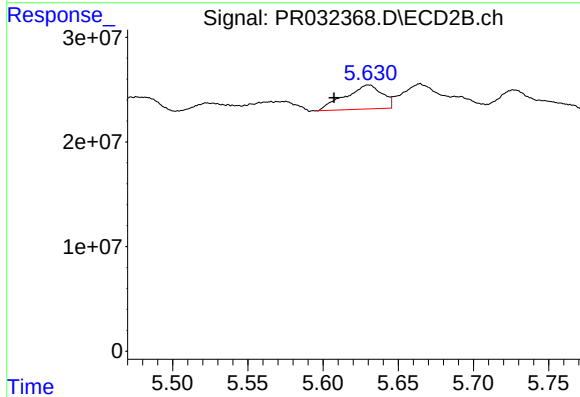
R.T.: 5.476 min
Delta R.T.: 0.012 min
Response: 25846213
Conc: 5.71 ng/ml



#27 AR-1254-2

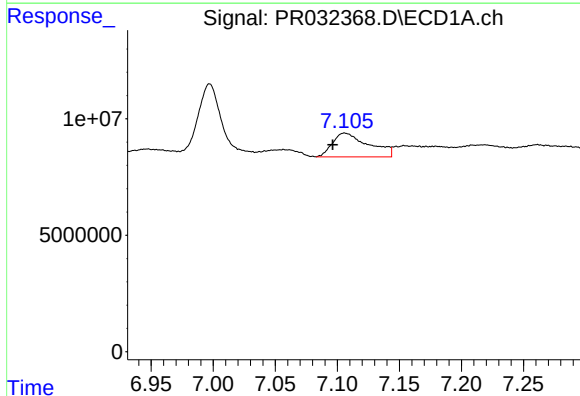
R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 14412566
Conc: 8.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



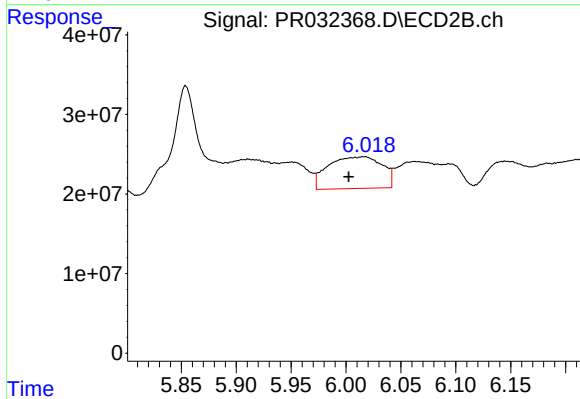
#27 AR-1254-2

R.T.: 5.630 min
Delta R.T.: 0.023 min
Response: 39275416
Conc: 9.85 ng/ml



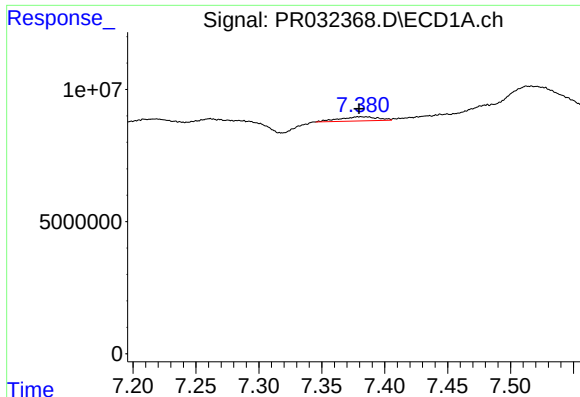
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: 0.010 min
Response: 20722501
Conc: 10.55 ng/ml



#28 AR-1254-3

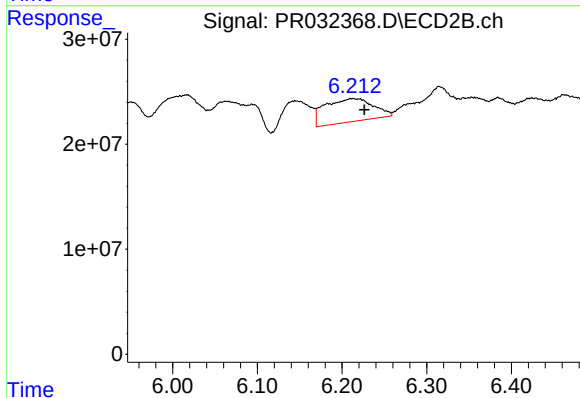
R.T.: 6.017 min
Delta R.T.: 0.014 min
Response: 136035098
Conc: 21.56 ng/ml



#29 AR-1254-4

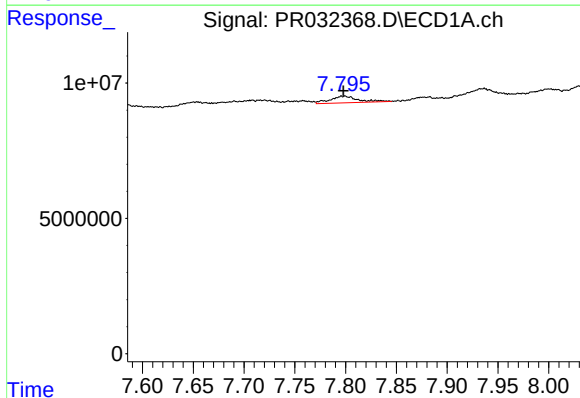
R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 3374662
Conc: 2.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



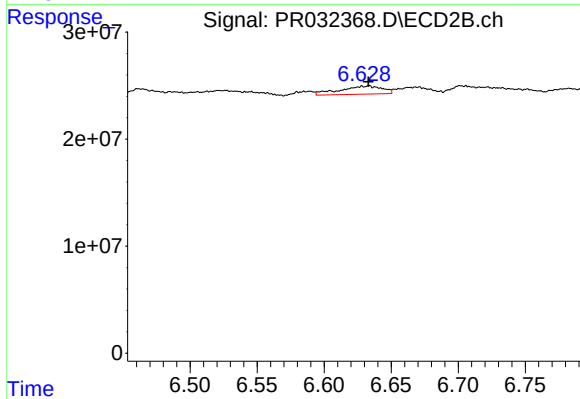
#29 AR-1254-4

R.T.: 6.212 min
Delta R.T.: -0.014 min
Response: 87936173
Conc: 17.91 ng/ml



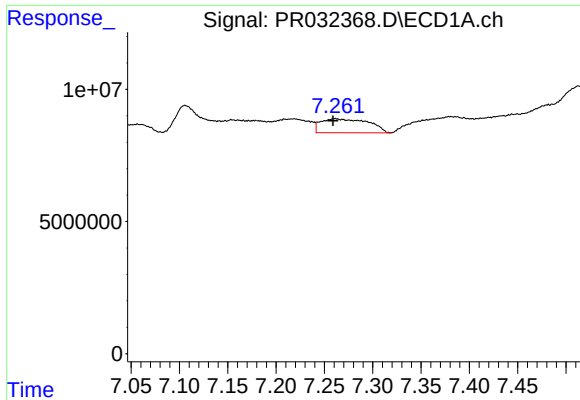
#30 AR-1254-5

R.T.: 7.799 min
Delta R.T.: 0.001 min
Response: 4790290
Conc: 2.94 ng/ml



#30 AR-1254-5

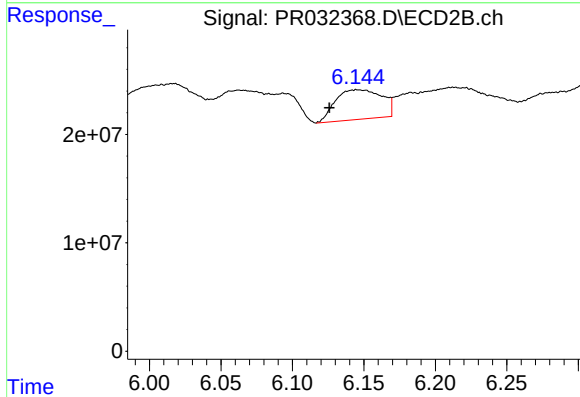
R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 16731028
Conc: 3.81 ng/ml



#31 AR-1260-1

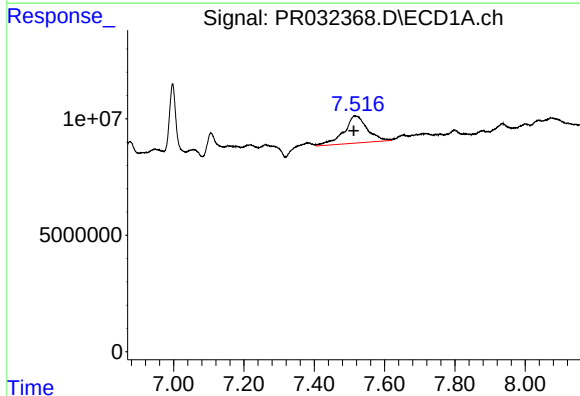
R.T.: 7.261 min
Delta R.T.: 0.002 min
Response: 18046571
Conc: 13.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



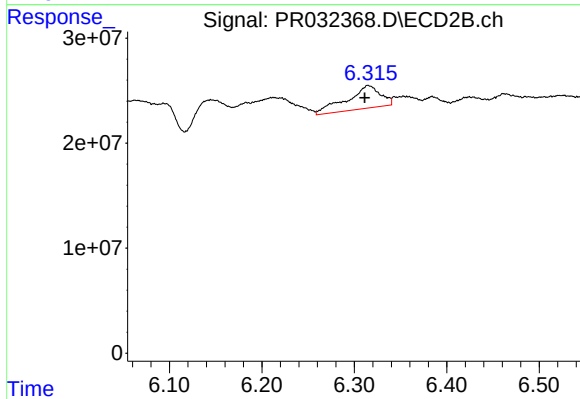
#31 AR-1260-1

R.T.: 6.145 min
Delta R.T.: 0.019 min
Response: 61949352
Conc: 16.91 ng/ml



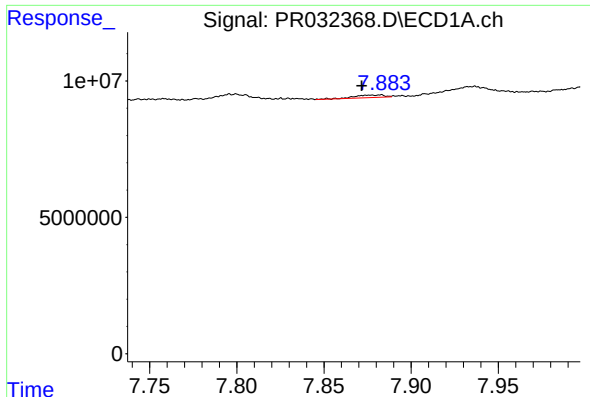
#32 AR-1260-2

R.T.: 7.516 min
Delta R.T.: 0.003 min
Response: 54211155
Conc: 32.04 ng/ml



#32 AR-1260-2

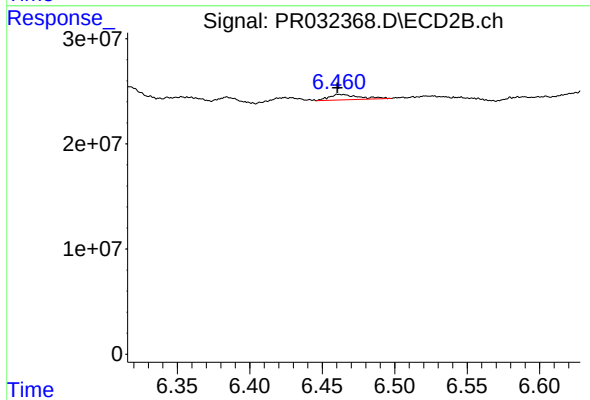
R.T.: 6.315 min
Delta R.T.: 0.004 min
Response: 54825280
Conc: 11.83 ng/ml



#33 AR-1260-3

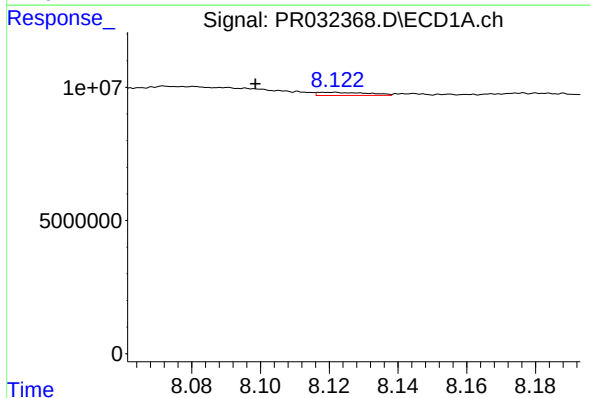
R.T.: 7.882 min
Delta R.T.: 0.011 min
Response: 1076210
Conc: 0.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



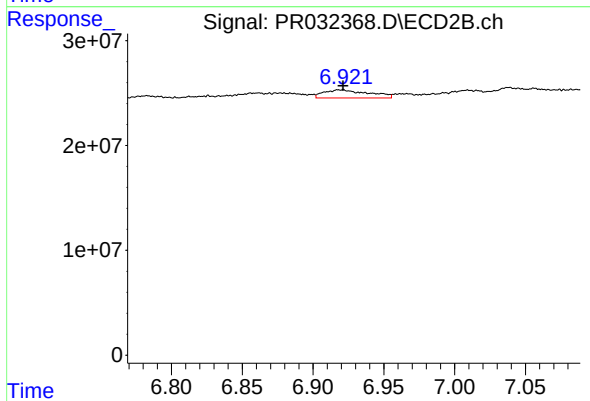
#33 AR-1260-3

R.T.: 6.462 min
Delta R.T.: 0.001 min
Response: 7387538
Conc: 1.99 ng/ml



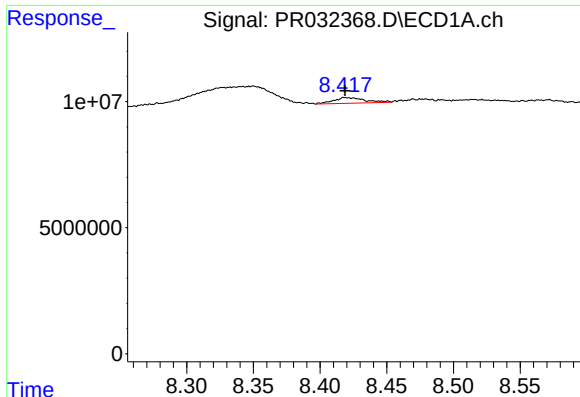
#34 AR-1260-4

R.T.: 8.120 min
Delta R.T.: 0.022 min
Response: 1195505
Conc: 0.84 ng/ml



#34 AR-1260-4

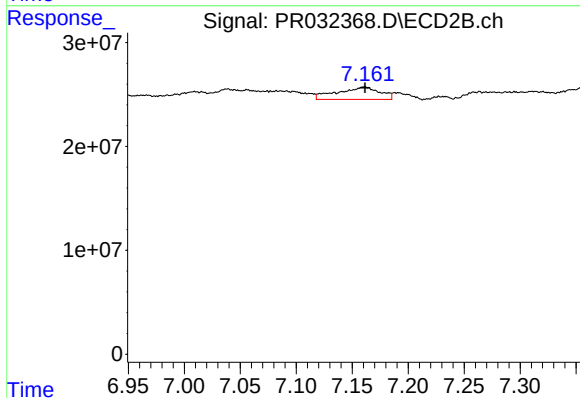
R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 17098215
Conc: 7.44 ng/ml



#35 AR-1260-5

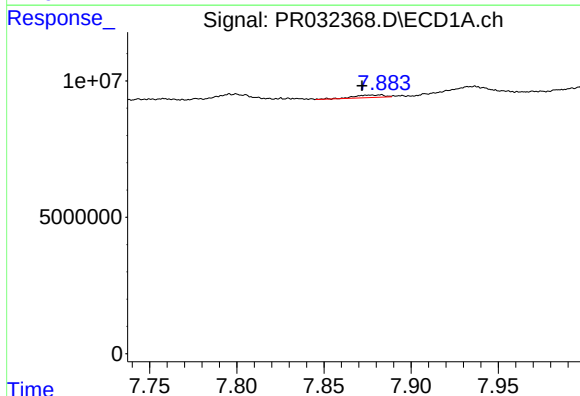
R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 3790170
Conc: 1.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



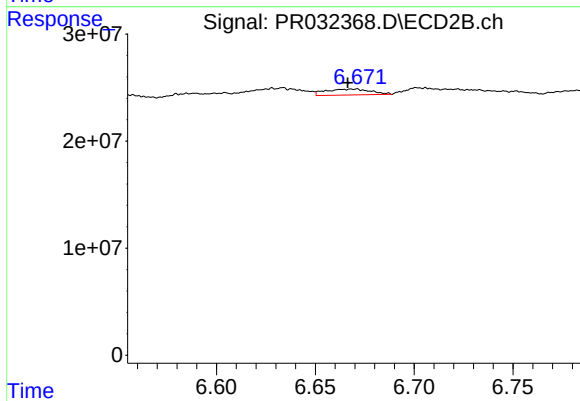
#35 AR-1260-5

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 31655147
Conc: 6.46 ng/ml



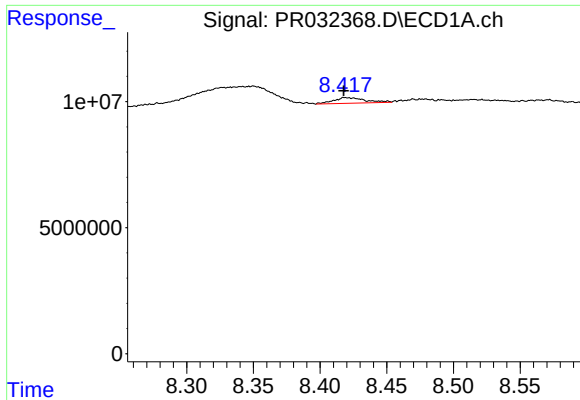
#36 AR-1262-1

R.T.: 7.882 min
Delta R.T.: 0.011 min
Response: 1076210
Conc: 0.67 ng/ml



#36 AR-1262-1

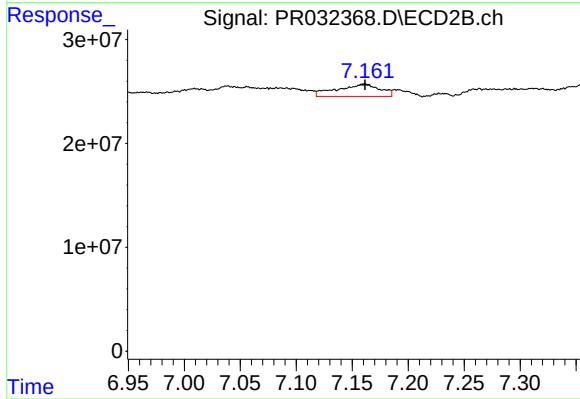
R.T.: 6.670 min
Delta R.T.: 0.003 min
Response: 8789219
Conc: 2.27 ng/ml



#37 AR-1262-2

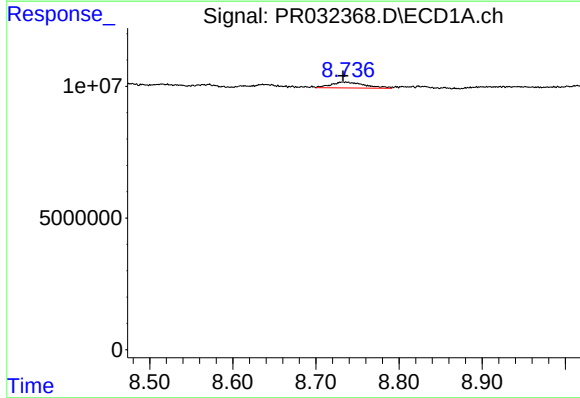
R.T.: 8.419 min
Delta R.T.: 0.001 min
Response: 3790170
Conc: 1.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



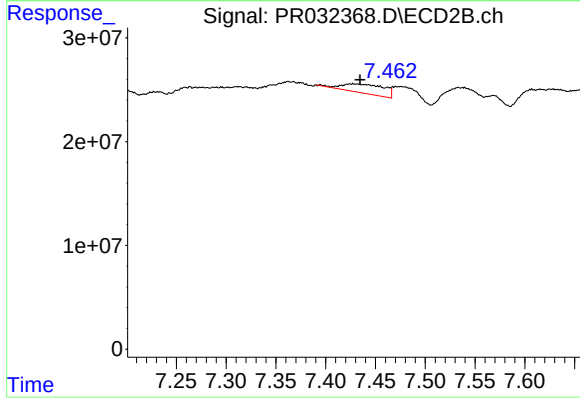
#37 AR-1262-2

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 31655147
Conc: 6.89 ng/ml



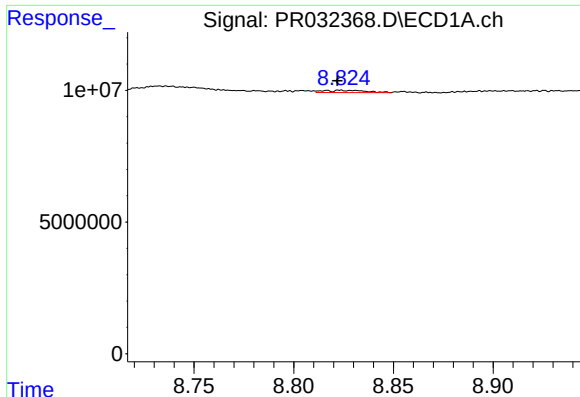
#38 AR-1262-3

R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 6359055
Conc: 3.38 ng/ml



#38 AR-1262-3

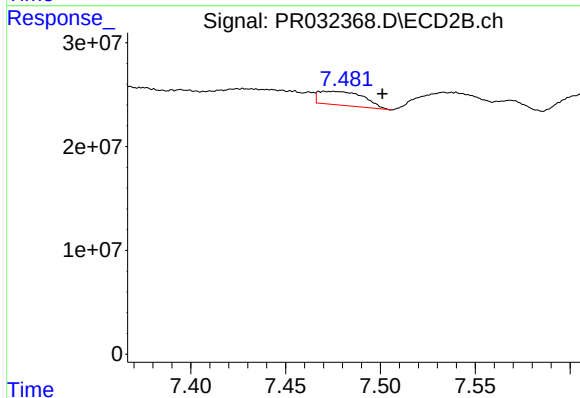
R.T.: 7.427 min
Delta R.T.: -0.007 min
Response: 26329452
Conc: 14.64 ng/ml



#39 AR-1262-4

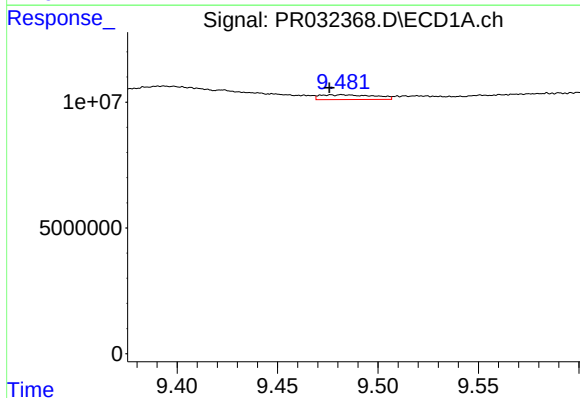
R.T.: 8.823 min
Delta R.T.: 0.002 min
Response: 1265342
Conc: 0.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



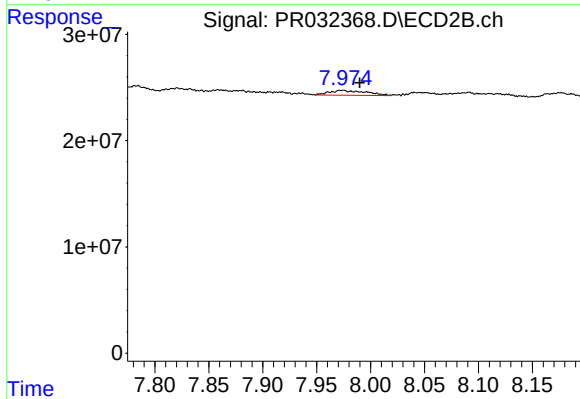
#39 AR-1262-4

R.T.: 7.471 min
Delta R.T.: -0.030 min
Response: 21988694
Conc: 7.97 ng/ml



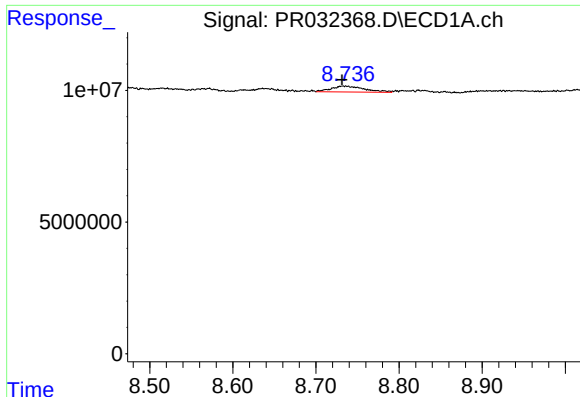
#40 AR-1262-5

R.T.: 9.476 min
Delta R.T.: 0.000 min
Response: 3576588
Conc: 3.15 ng/ml



#40 AR-1262-5

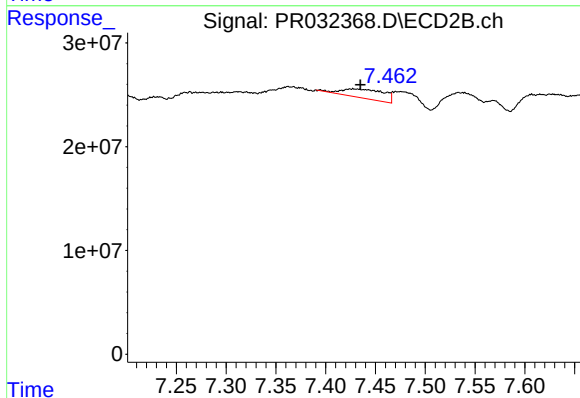
R.T.: 7.974 min
Delta R.T.: -0.015 min
Response: 10805985
Conc: 9.54 ng/ml



#41 AR-1268-1

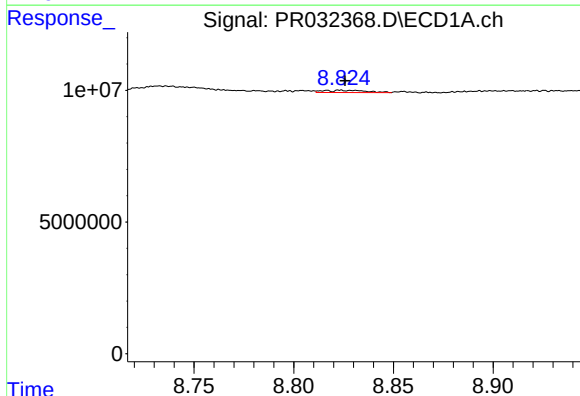
R.T.: 8.733 min
Delta R.T.: 0.001 min
Response: 6359055
Conc: 1.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



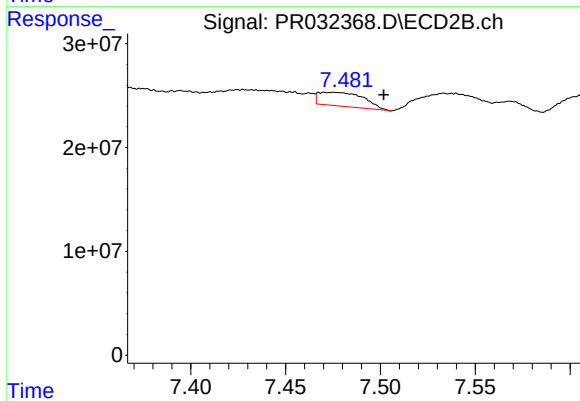
#41 AR-1268-1

R.T.: 7.427 min
Delta R.T.: -0.007 min
Response: 26329452
Conc: 4.86 ng/ml



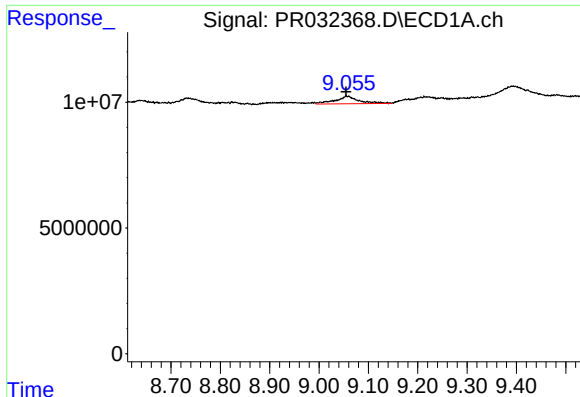
#42 AR-1268-2

R.T.: 8.823 min
Delta R.T.: -0.002 min
Response: 1265342
Conc: 0.29 ng/ml



#42 AR-1268-2

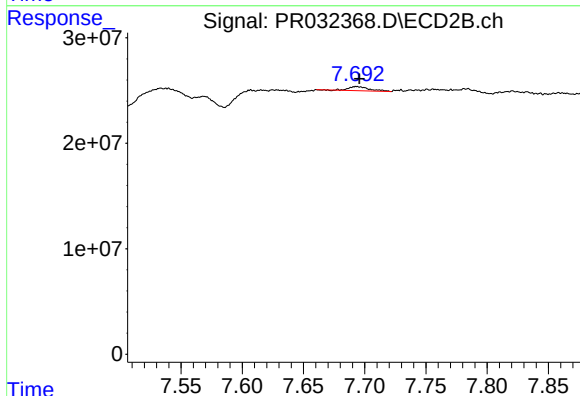
R.T.: 7.471 min
Delta R.T.: -0.031 min
Response: 21988694
Conc: 4.83 ng/ml



#43 AR-1268-3

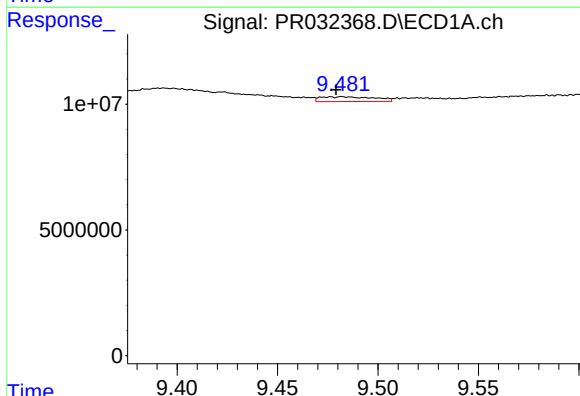
R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 9980531
Conc: 2.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



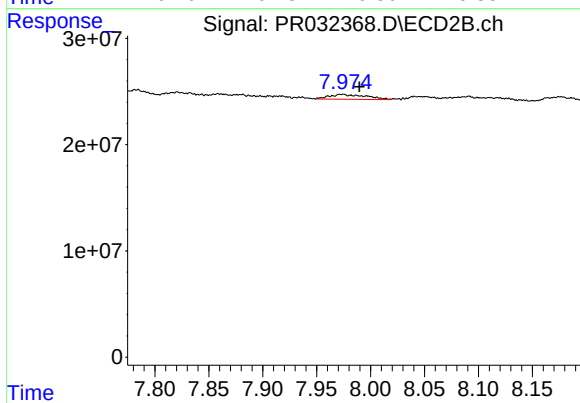
#43 AR-1268-3

R.T.: 7.693 min
Delta R.T.: -0.003 min
Response: 4351598
Conc: 1.19 ng/ml



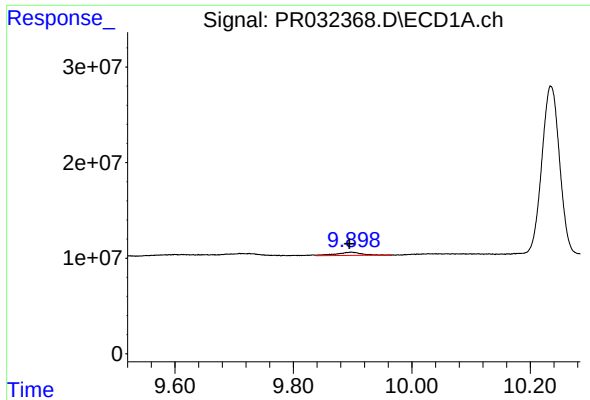
#44 AR-1268-4

R.T.: 9.476 min
Delta R.T.: -0.003 min
Response: 3576588
Conc: 2.15 ng/ml



#44 AR-1268-4

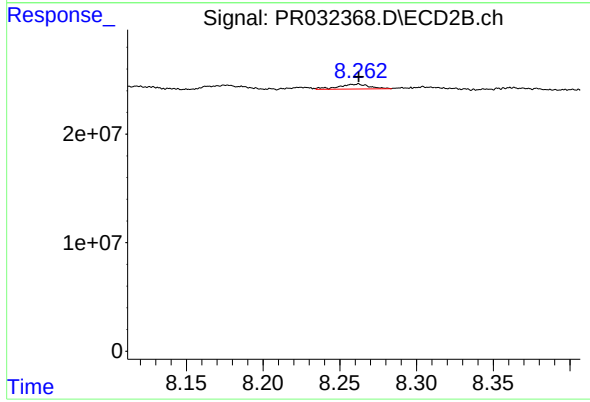
R.T.: 7.974 min
Delta R.T.: -0.015 min
Response: 10805985
Conc: 6.93 ng/ml



#45 AR-1268-5

R.T.: 9.898 min
Delta R.T.: 0.003 min
Response: 10128703
Conc: 0.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.262 min
Delta R.T.: 0.000 min
Response: 6337210
Conc: 0.74 ng/ml