

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092118\
 Data File : PR032213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2018 20:52
 Operator : SM\SJ
 Sample : J5019-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 23:39:27 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	418.8E6	737.7E6	21.065	17.629
2)	SA Decachlor...	10.251	8.499	431.6E6	339.1E6	14.735	15.079
Target Compounds							
3)	L1 AR-1016-1	5.220	4.294	4580200	29301991	8.809	25.325 #
4)	L1 AR-1016-2	5.411	4.698	-1863976	27493807	N.D.	15.988 #
5)	L1 AR-1016-3	5.700	4.698	1816801	27493807	2.223	8.697 #
6)	L1 AR-1016-4	5.734	4.741	7239340	30905751	10.112	17.266 #
7)	L1 AR-1016-5	6.168	5.128	20490695	19589561	33.564	11.619 #
8)	L2 AR-1221-1	4.714	3.811	29346564	152.1E6	109.449	286.203 #
9)	L2 AR-1221-2	4.825	3.953	13361344	45559	65.340	0.113 #
10)	L2 AR-1221-3	4.892	4.023	71207018	52305612	114.158	41.737 #
11)	L3 AR-1232-1	5.700	4.459	1816801	86398396	3.762	150.486 #
12)	L3 AR-1232-2	5.860	4.606	7242909	71107200	29.188	369.382 #
13)	L3 AR-1232-3	6.031	4.939	6347143	122.4E6	56.203	222.047 #
14)	L3 AR-1232-4	6.335	5.290	28112659	91082495	372.670	129.476 #
15)	L3 AR-1232-5	7.234	5.805	26246638	2518327	402.630	30.422 #
16)	L4 AR-1242-1	5.246	4.331	9786292	12301857	43.756	22.852 #
17)	L4 AR-1242-2	5.973	4.886	47740935	38085298	114.148	33.943 #
18)	L4 AR-1242-3	6.202	4.997	12145940	67456369	55.371	169.789 #
19)	L4 AR-1242-4	6.202	5.313	12145940	42680309	71.890	114.637 #
20)	L4 AR-1242-5	6.288	5.737	5102467	25093519	9.209	29.961 #
21)	L5 AR-1248-1	5.940	4.939	14325604	122.4E6	11.439	42.872 #
22)	L5 AR-1248-2	6.510	5.470	1243125	44678381	0.954	7.822 #
23)	L5 AR-1248-3	6.553	5.496	16362251	50503857	9.226	11.641 #
24)	L5 AR-1248-4	6.592	5.679	8427872	10093922	4.978	2.551 #
25)	L5 AR-1248-5	6.794	6.005	9818604	25043829	8.781	9.898
26)	L6 AR-1254-1	6.749	5.606	25679375	28076116	16.991	8.976 #
27)	L6 AR-1254-2	7.000	5.944	7693328	-3000437	7.817	N.D. #
28)	L6 AR-1254-3	7.089	6.214	13485174	15042579	7.568	4.668 #
29)	L6 AR-1254-4	7.393	6.545	7762948	9470393	5.529	5.030
30)	L6 AR-1254-5	7.642	6.634	2475657	18556621	2.587	8.428 #
31)	L7 AR-1260-1	7.280	6.146	4481571	60013654	3.430	18.118 #
32)	L7 AR-1260-2	7.533	6.317	13501566	17172870	8.155	4.201 #
33)	L7 AR-1260-3	7.816	0.000	4631335	0	2.415	N.D. #
34)	L7 AR-1260-4	8.076	6.926	10434204	12579709	7.559	6.274
35)	L7 AR-1260-5	8.436	7.167	19633550	2283709	6.418	0.559 #
36)	L8 AR-1262-1	7.174	6.005	6178250	25043829	8.132	14.479 #
37)	L8 AR-1262-2	7.942	6.707	6423582	52141478	9.080	36.672 #
38)	L8 AR-1262-3	8.159	7.024	4758441	2871542	7.829	2.824 #
39)	L8 AR-1262-4	8.844	7.421	22645422	4686792	12.491	2.770 #
40)	L8 AR-1262-5	9.464	8.004	8328736	17436562	6.150	16.537 #
41)	L9 AR-1268-1	7.898	6.663	5657715	23646938	7.989	16.881 #

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 Sample : J5019-01
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 ALS Vial : 31 Sample Multiplier: 1

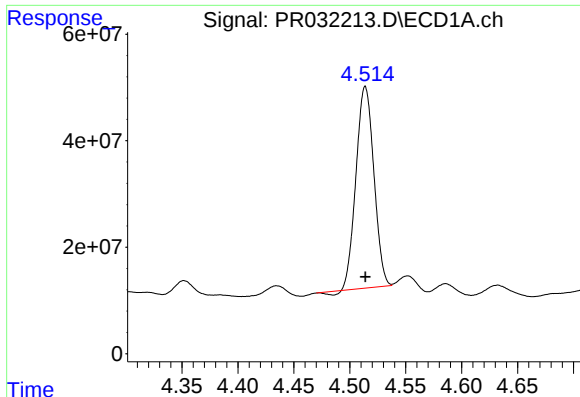
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 23:39:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
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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	8.159	7.479	4758441	25937033	5.146	4.327
43) L9	AR-1268-3	8.747	7.703	1428899	7240759	0.335	2.574 #
44) L9	AR-1268-4	9.074	7.854	10324138	8111457	3.009	10.140 #
45) L9	AR-1268-5	9.913	8.268	8698251	15182472	0.854	2.101 #

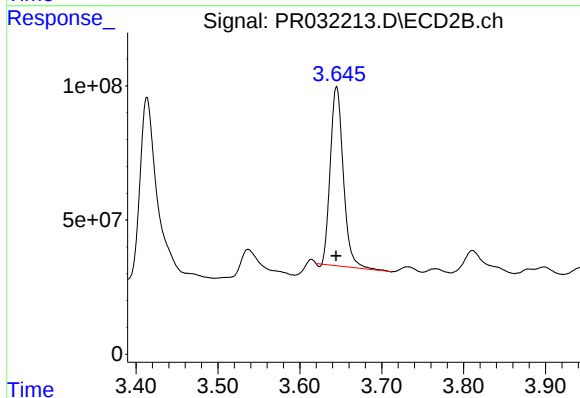
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

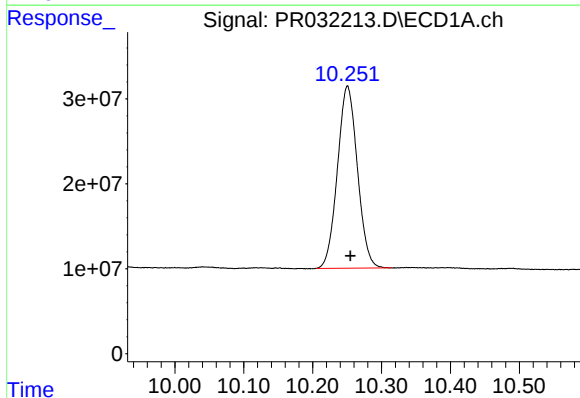
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 418780049
Conc: 21.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



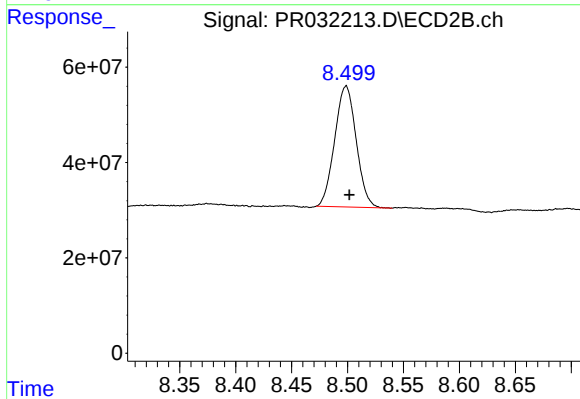
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 737695146
Conc: 17.63 ng/ml



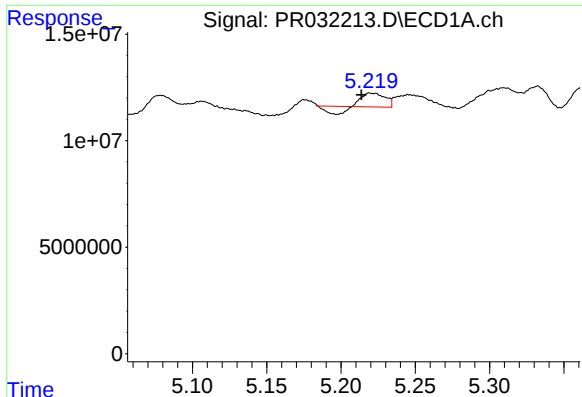
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.004 min
Response: 431611041
Conc: 14.73 ng/ml



#2 Decachlorobiphenyl

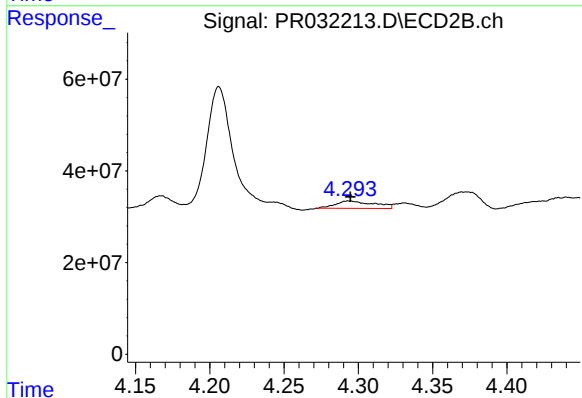
R.T.: 8.499 min
Delta R.T.: -0.003 min
Response: 339079514
Conc: 15.08 ng/ml



#3 AR-1016-1

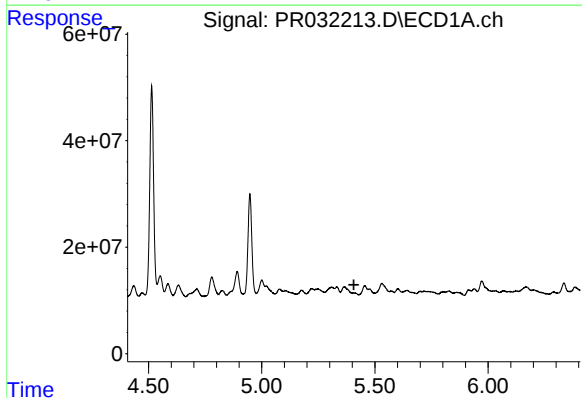
R.T.: 5.220 min
Delta R.T.: 0.006 min
Response: 4580200
Conc: 8.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



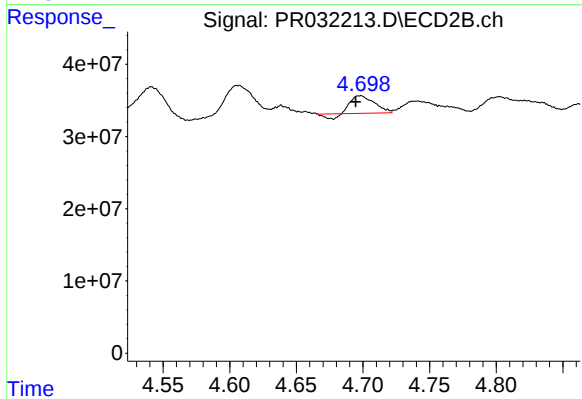
#3 AR-1016-1

R.T.: 4.294 min
Delta R.T.: 0.000 min
Response: 29301991
Conc: 25.33 ng/ml



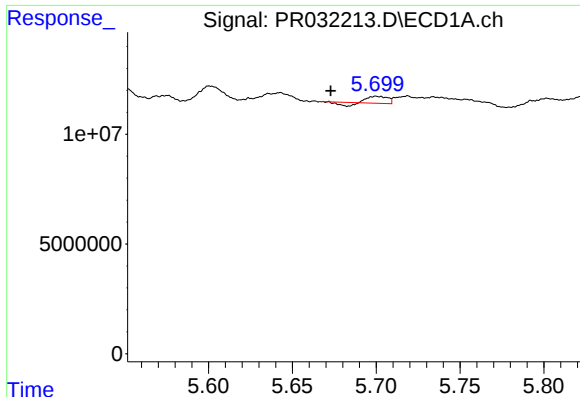
#4 AR-1016-2

R.T.: 5.411 min
Delta R.T.: 0.003 min
Response: -1863976
Conc: N.D.



#4 AR-1016-2

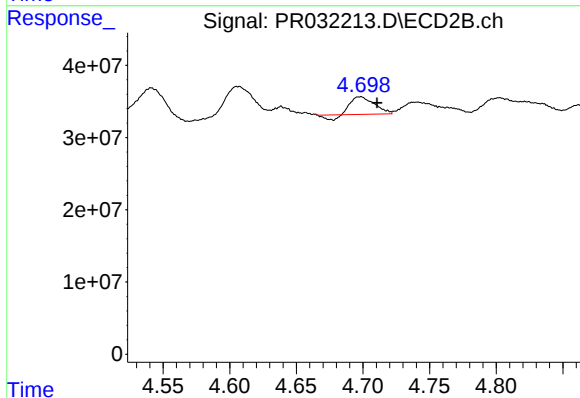
R.T.: 4.698 min
Delta R.T.: 0.003 min
Response: 27493807
Conc: 15.99 ng/ml



#5 AR-1016-3

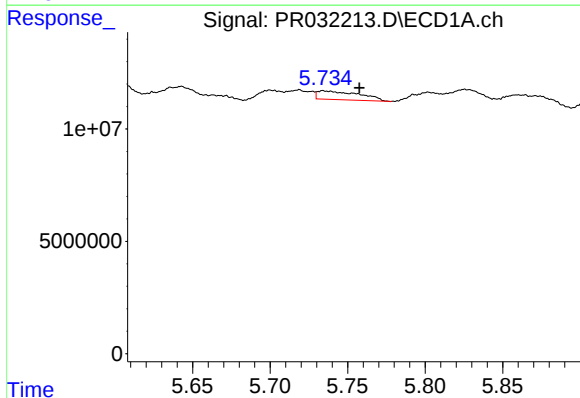
R.T.: 5.700 min
Delta R.T.: 0.027 min
Response: 1816801
Conc: 2.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



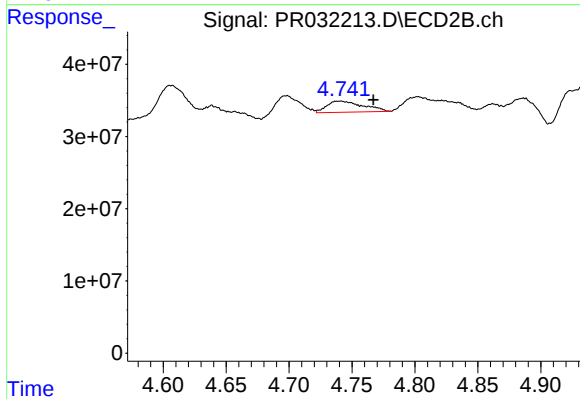
#5 AR-1016-3

R.T.: 4.698 min
Delta R.T.: -0.013 min
Response: 27493807
Conc: 8.70 ng/ml



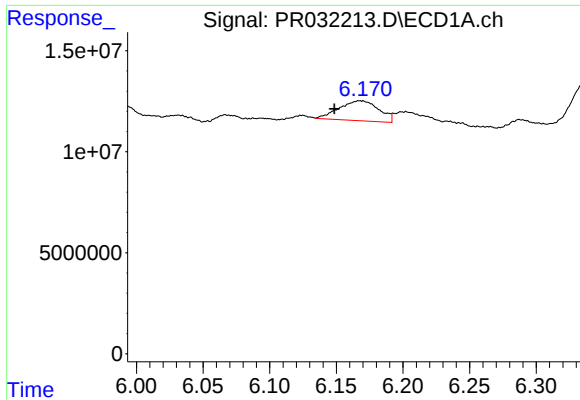
#6 AR-1016-4

R.T.: 5.734 min
Delta R.T.: -0.023 min
Response: 7239340
Conc: 10.11 ng/ml



#6 AR-1016-4

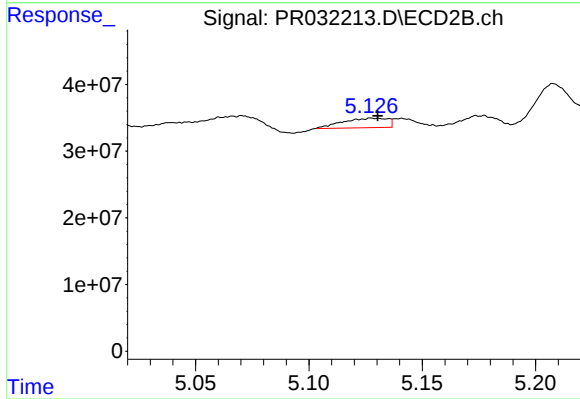
R.T.: 4.741 min
Delta R.T.: -0.026 min
Response: 30905751
Conc: 17.27 ng/ml



#7 AR-1016-5

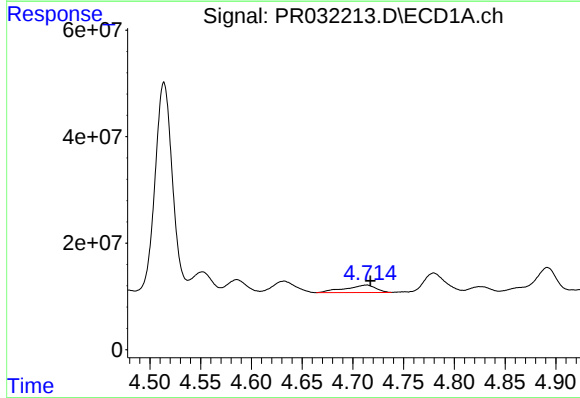
R.T.: 6.168 min
Delta R.T.: 0.020 min
Response: 20490695
Conc: 33.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



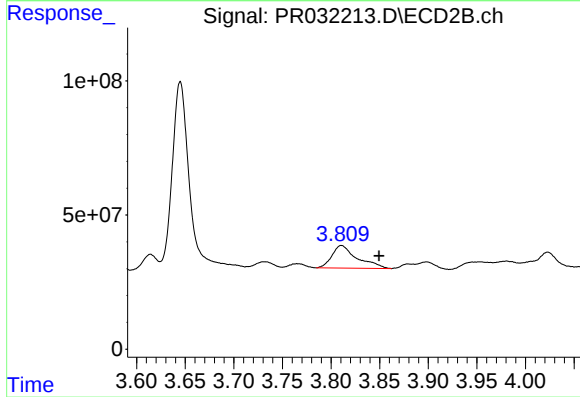
#7 AR-1016-5

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 19589561
Conc: 11.62 ng/ml



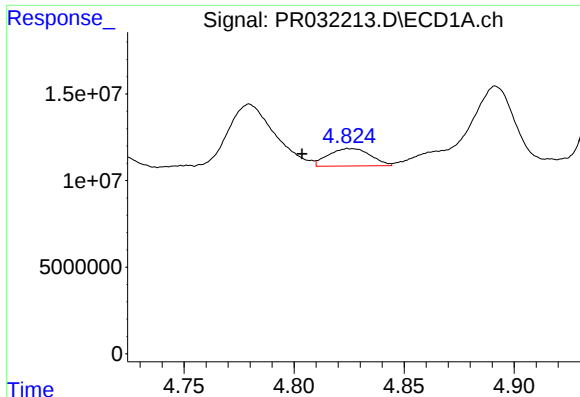
#8 AR-1221-1

R.T.: 4.714 min
Delta R.T.: -0.004 min
Response: 29346564
Conc: 109.45 ng/ml



#8 AR-1221-1

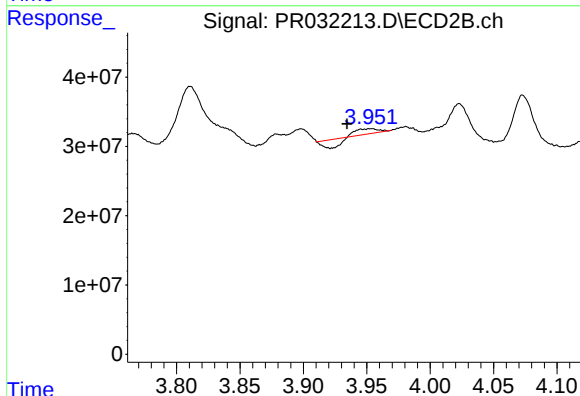
R.T.: 3.811 min
Delta R.T.: -0.039 min
Response: 152071337
Conc: 286.20 ng/ml



#9 AR-1221-2

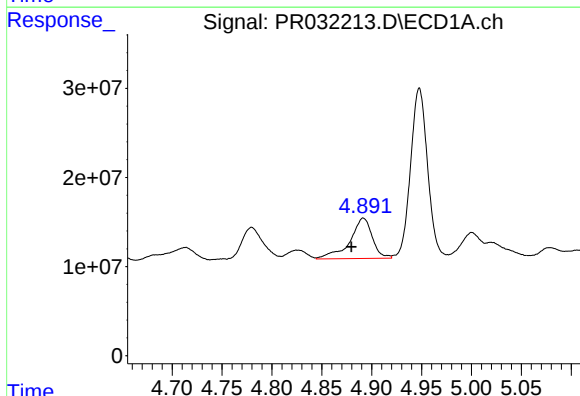
R.T.: 4.825 min
Delta R.T.: 0.022 min
Response: 13361344
Conc: 65.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



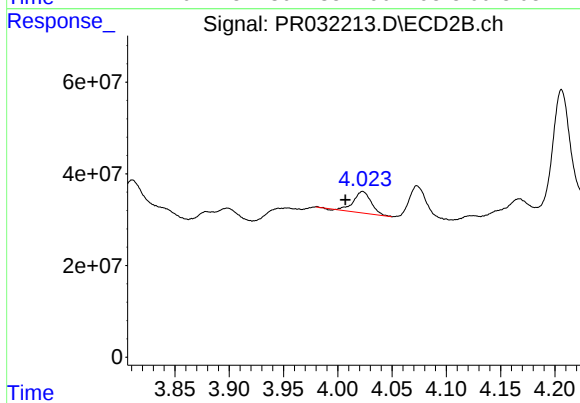
#9 AR-1221-2

R.T.: 3.953 min
Delta R.T.: 0.019 min
Response: 45559
Conc: 0.11 ng/ml



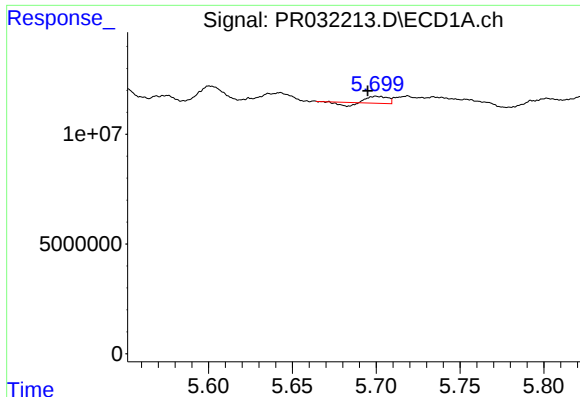
#10 AR-1221-3

R.T.: 4.892 min
Delta R.T.: 0.012 min
Response: 71207018
Conc: 114.16 ng/ml



#10 AR-1221-3

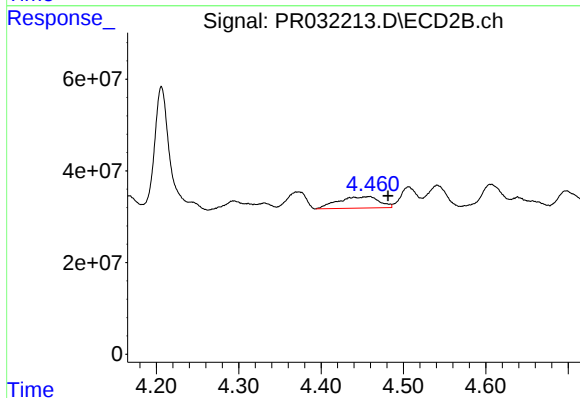
R.T.: 4.023 min
Delta R.T.: 0.016 min
Response: 52305612
Conc: 41.74 ng/ml



#11 AR-1232-1

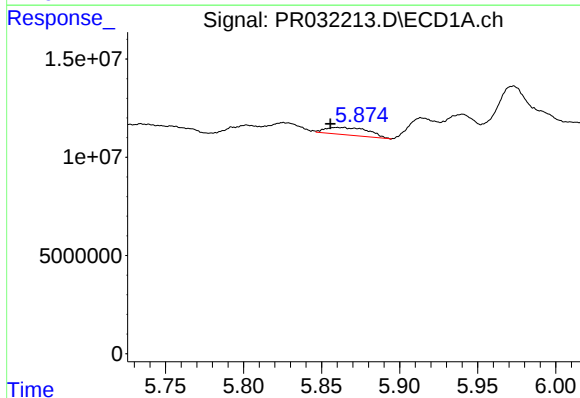
R.T.: 5.700 min
Delta R.T.: 0.005 min
Response: 1816801
Conc: 3.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



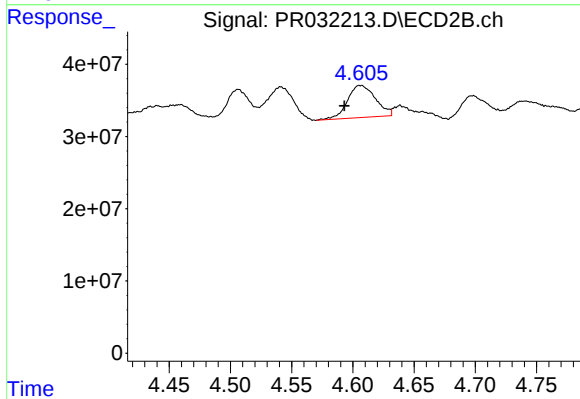
#11 AR-1232-1

R.T.: 4.459 min
Delta R.T.: -0.023 min
Response: 86398396
Conc: 150.49 ng/ml



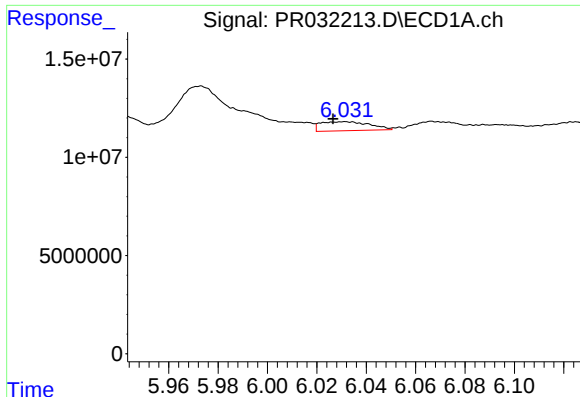
#12 AR-1232-2

R.T.: 5.860 min
Delta R.T.: 0.004 min
Response: 7242909
Conc: 29.19 ng/ml



#12 AR-1232-2

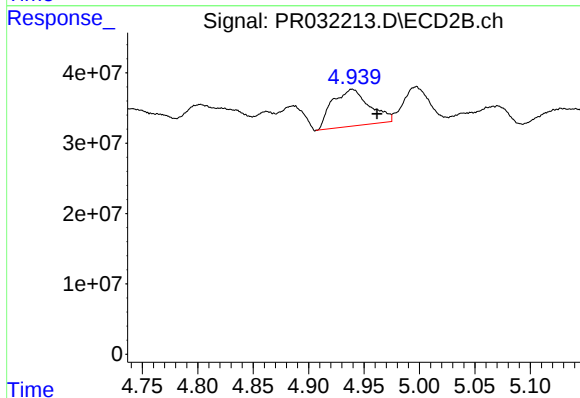
R.T.: 4.606 min
Delta R.T.: 0.013 min
Response: 71107200
Conc: 369.38 ng/ml



#13 AR-1232-3

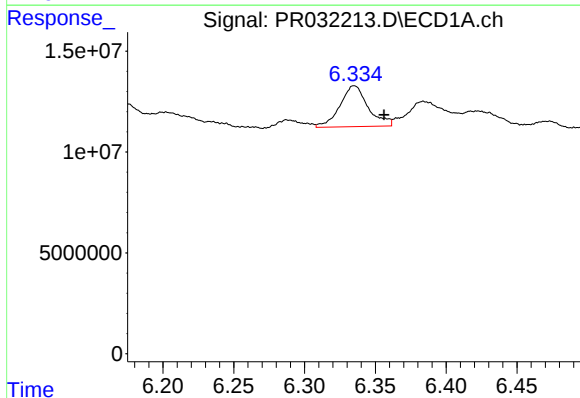
R.T.: 6.031 min
Delta R.T.: 0.005 min
Response: 6347143
Conc: 56.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



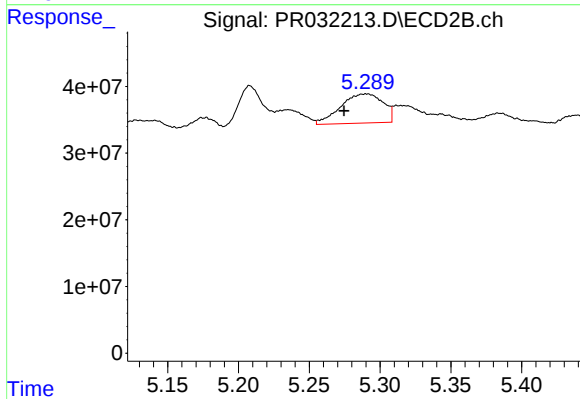
#13 AR-1232-3

R.T.: 4.939 min
Delta R.T.: -0.023 min
Response: 122361794
Conc: 222.05 ng/ml



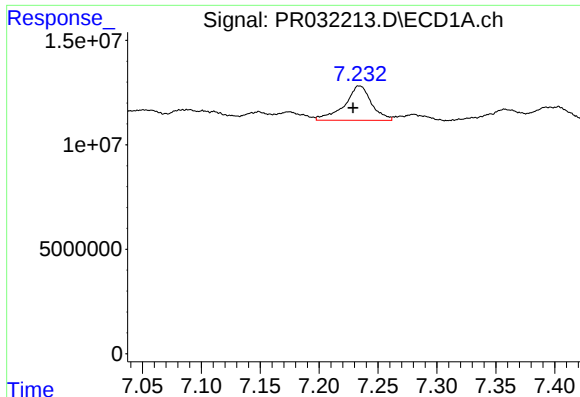
#14 AR-1232-4

R.T.: 6.335 min
Delta R.T.: -0.021 min
Response: 28112659
Conc: 372.67 ng/ml



#14 AR-1232-4

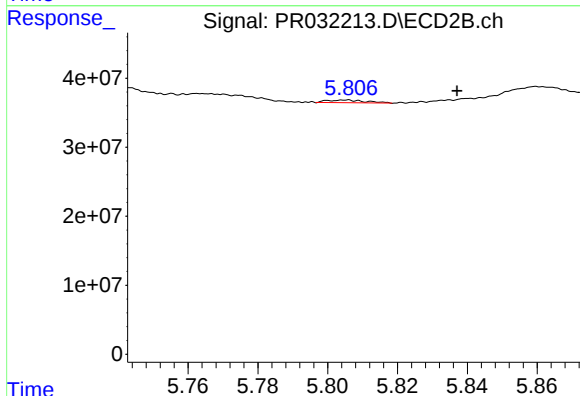
R.T.: 5.290 min
Delta R.T.: 0.016 min
Response: 91082495
Conc: 129.48 ng/ml



#15 AR-1232-5

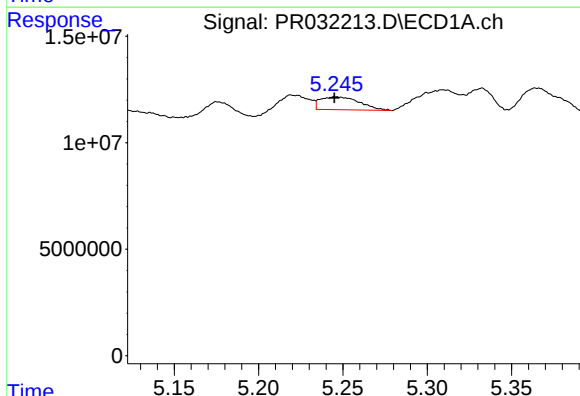
R.T.: 7.234 min
Delta R.T.: 0.005 min
Response: 26246638
Conc: 402.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



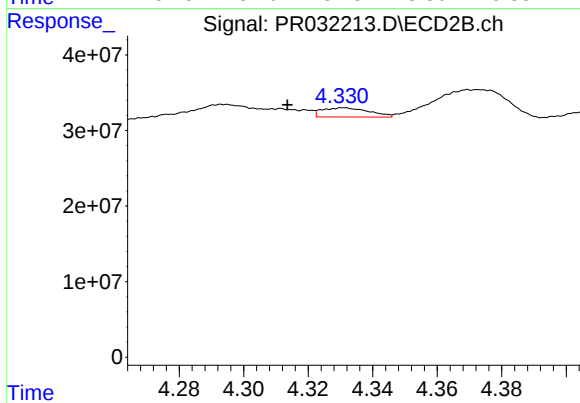
#15 AR-1232-5

R.T.: 5.805 min
Delta R.T.: -0.032 min
Response: 2518327
Conc: 30.42 ng/ml



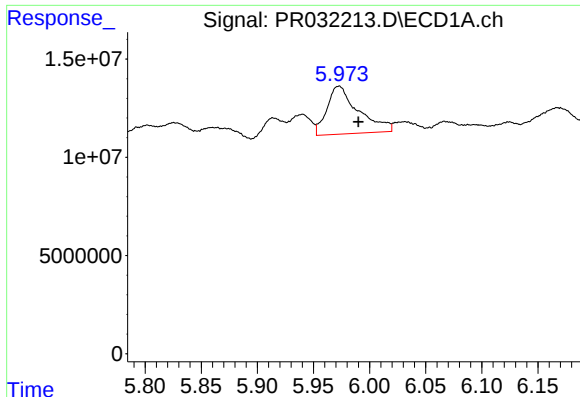
#16 AR-1242-1

R.T.: 5.246 min
Delta R.T.: 0.001 min
Response: 9786292
Conc: 43.76 ng/ml



#16 AR-1242-1

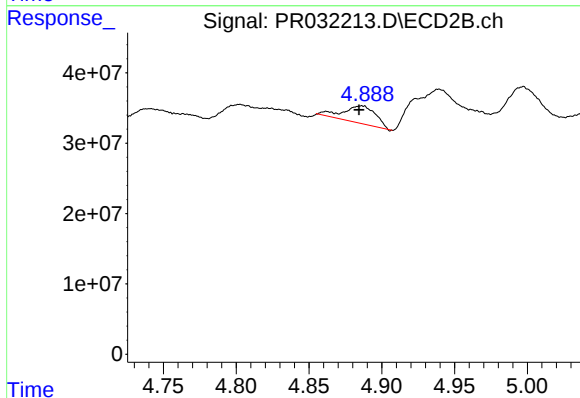
R.T.: 4.331 min
Delta R.T.: 0.017 min
Response: 12301857
Conc: 22.85 ng/ml



#17 AR-1242-2

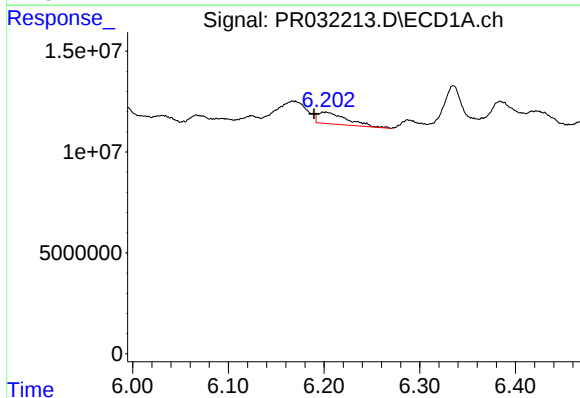
R.T.: 5.973 min
Delta R.T.: -0.017 min
Response: 47740935
Conc: 114.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



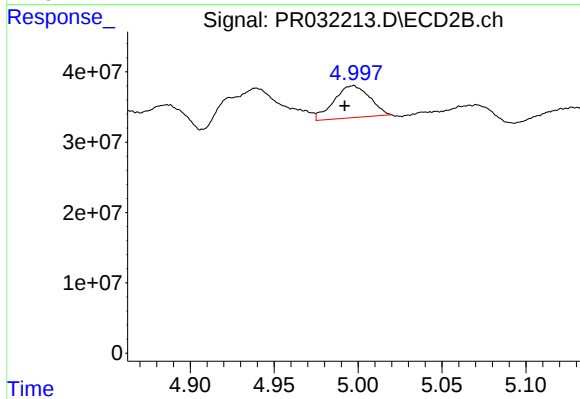
#17 AR-1242-2

R.T.: 4.886 min
Delta R.T.: 0.002 min
Response: 38085298
Conc: 33.94 ng/ml



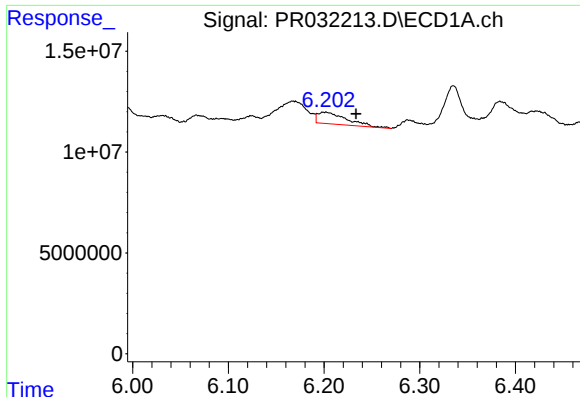
#18 AR-1242-3

R.T.: 6.202 min
Delta R.T.: 0.012 min
Response: 12145940
Conc: 55.37 ng/ml



#18 AR-1242-3

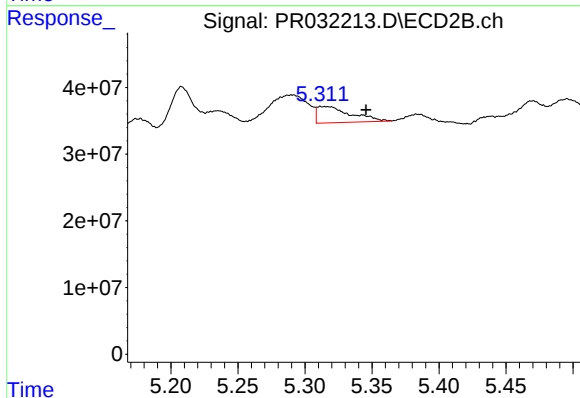
R.T.: 4.997 min
Delta R.T.: 0.005 min
Response: 67456369
Conc: 169.79 ng/ml



#19 AR-1242-4

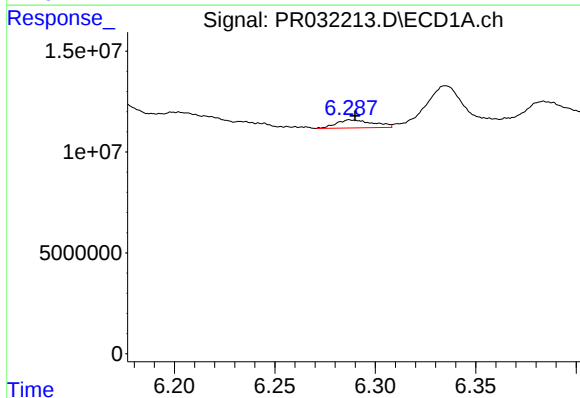
R.T.: 6.202 min
Delta R.T.: -0.032 min
Response: 12145940
Conc: 71.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



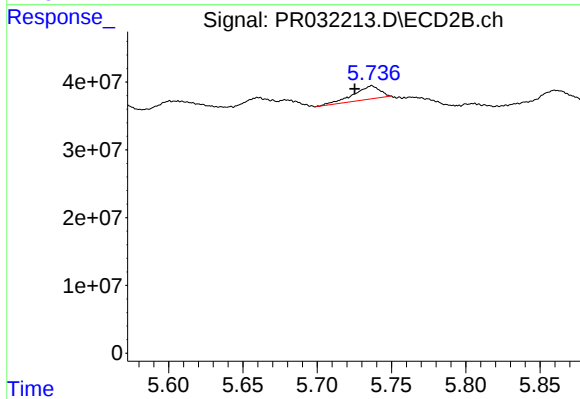
#19 AR-1242-4

R.T.: 5.313 min
Delta R.T.: -0.033 min
Response: 42680309
Conc: 114.64 ng/ml



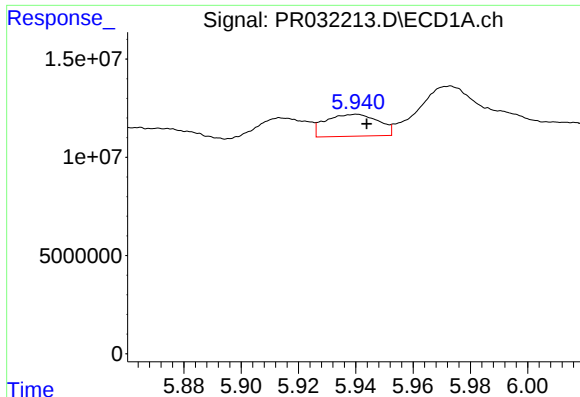
#20 AR-1242-5

R.T.: 6.288 min
Delta R.T.: -0.002 min
Response: 5102467
Conc: 9.21 ng/ml



#20 AR-1242-5

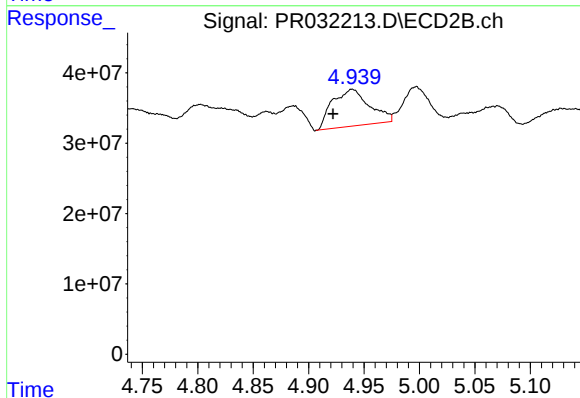
R.T.: 5.737 min
Delta R.T.: 0.011 min
Response: 25093519
Conc: 29.96 ng/ml



#21 AR-1248-1

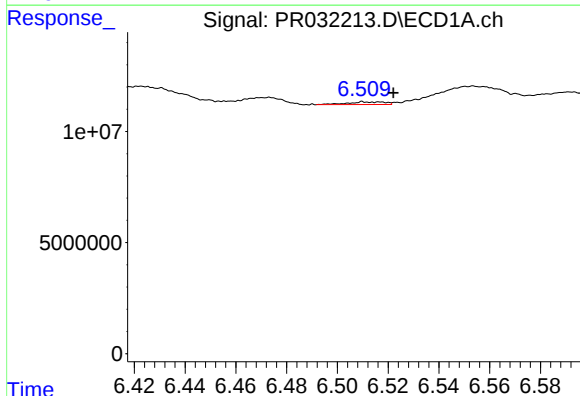
R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 14325604
Conc: 11.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



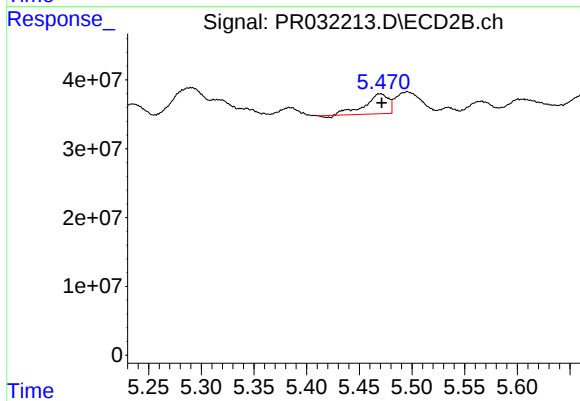
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.018 min
Response: 122361794
Conc: 42.87 ng/ml



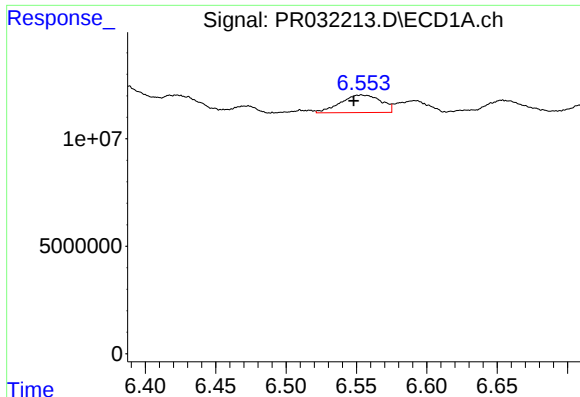
#22 AR-1248-2

R.T.: 6.510 min
Delta R.T.: -0.012 min
Response: 1243125
Conc: 0.95 ng/ml



#22 AR-1248-2

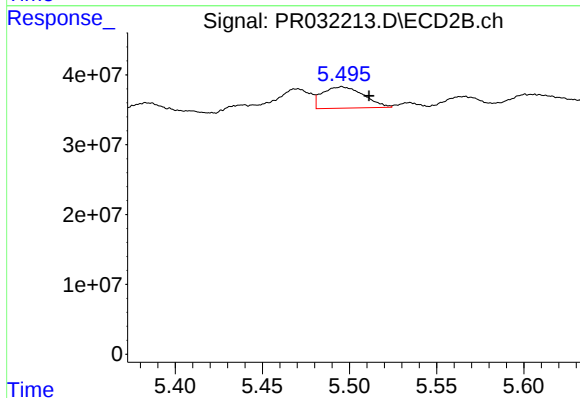
R.T.: 5.470 min
Delta R.T.: -0.002 min
Response: 44678381
Conc: 7.82 ng/ml



#23 AR-1248-3

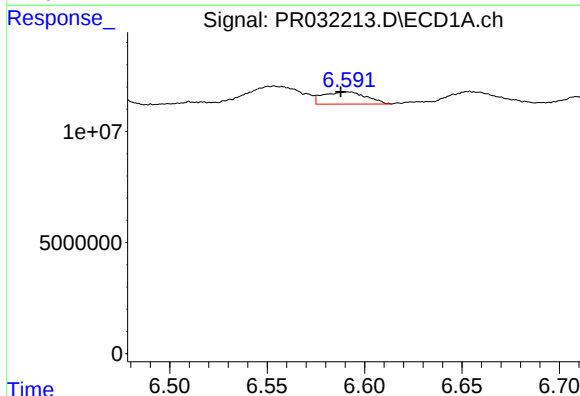
R.T.: 6.553 min
Delta R.T.: 0.005 min
Response: 16362251
Conc: 9.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



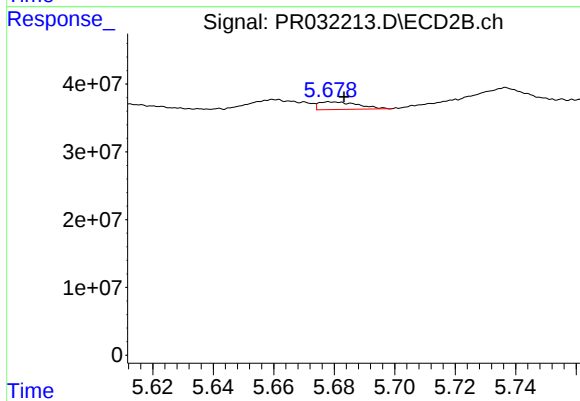
#23 AR-1248-3

R.T.: 5.496 min
Delta R.T.: -0.016 min
Response: 50503857
Conc: 11.64 ng/ml



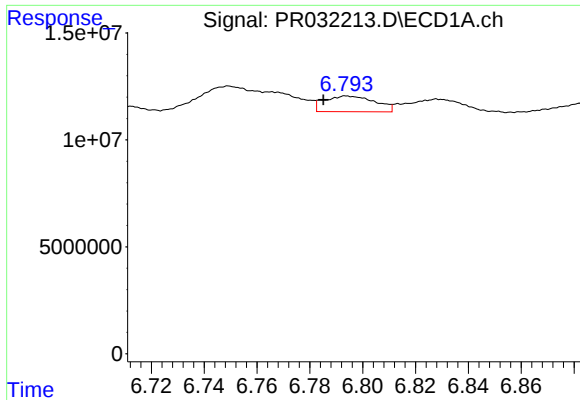
#24 AR-1248-4

R.T.: 6.592 min
Delta R.T.: 0.004 min
Response: 8427872
Conc: 4.98 ng/ml



#24 AR-1248-4

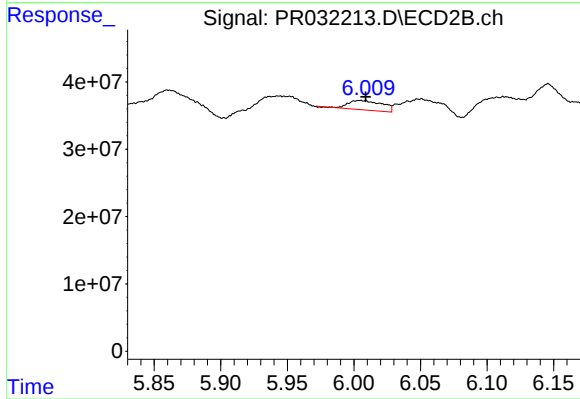
R.T.: 5.679 min
Delta R.T.: -0.005 min
Response: 10093922
Conc: 2.55 ng/ml



#25 AR-1248-5

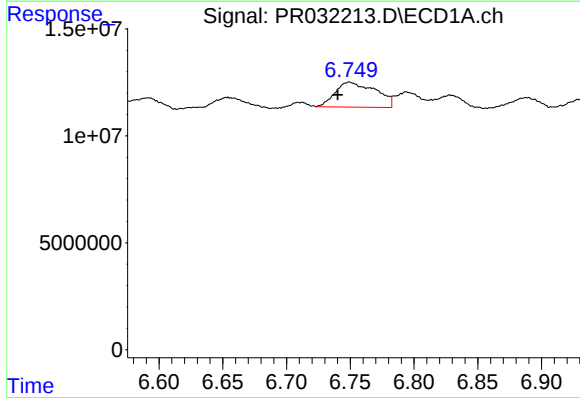
R.T.: 6.794 min
Delta R.T.: 0.009 min
Response: 9818604
Conc: 8.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



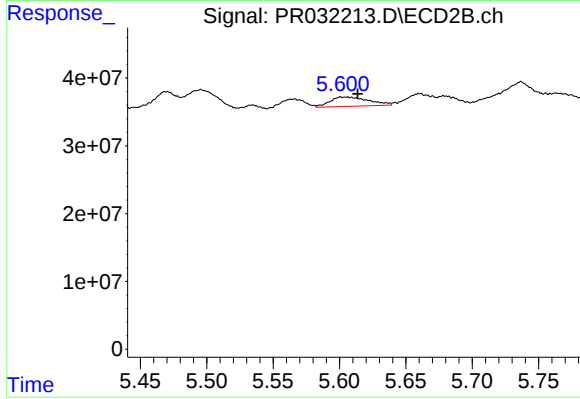
#25 AR-1248-5

R.T.: 6.005 min
Delta R.T.: -0.004 min
Response: 25043829
Conc: 9.90 ng/ml



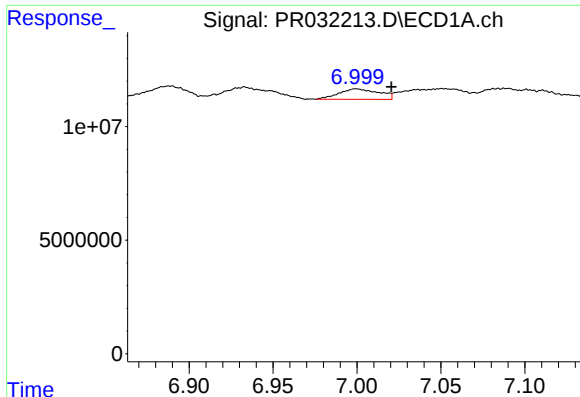
#26 AR-1254-1

R.T.: 6.749 min
Delta R.T.: 0.009 min
Response: 25679375
Conc: 16.99 ng/ml



#26 AR-1254-1

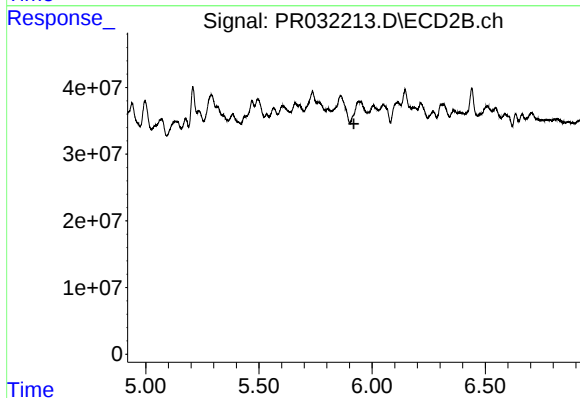
R.T.: 5.606 min
Delta R.T.: -0.008 min
Response: 28076116
Conc: 8.98 ng/ml



#27 AR-1254-2

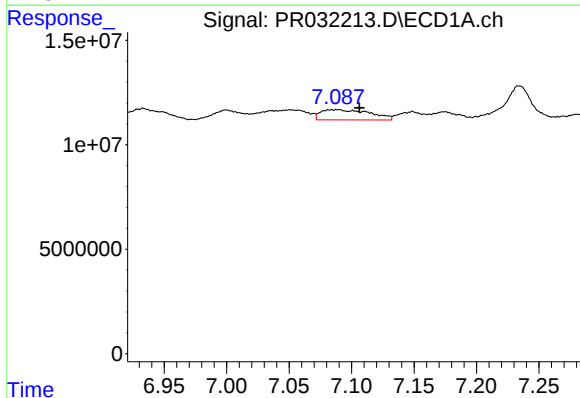
R.T.: 7.000 min
Delta R.T.: -0.021 min
Response: 7693328
Conc: 7.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



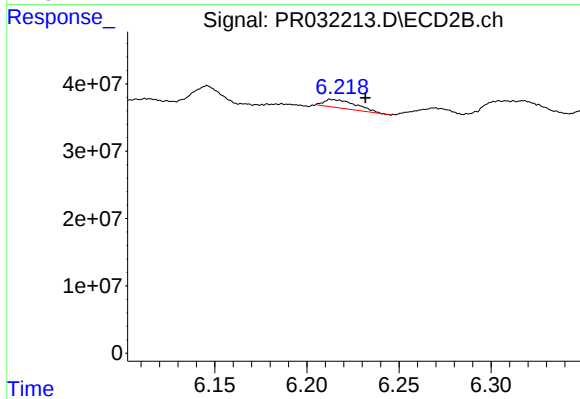
#27 AR-1254-2

R.T.: 5.944 min
Delta R.T.: 0.024 min
Response: -3000437
Conc: N.D.



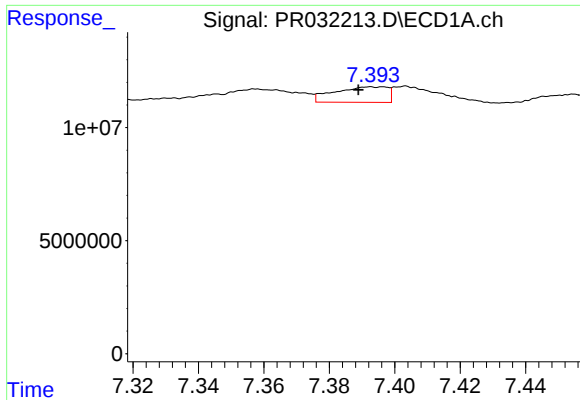
#28 AR-1254-3

R.T.: 7.089 min
Delta R.T.: -0.017 min
Response: 13485174
Conc: 7.57 ng/ml



#28 AR-1254-3

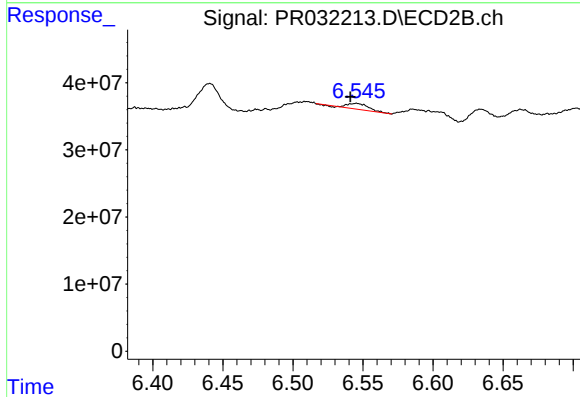
R.T.: 6.214 min
Delta R.T.: -0.018 min
Response: 15042579
Conc: 4.67 ng/ml



#29 AR-1254-4

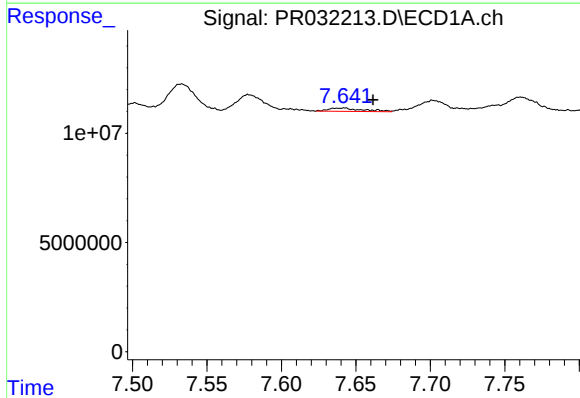
R.T.: 7.393 min
Delta R.T.: 0.004 min
Response: 7762948
Conc: 5.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



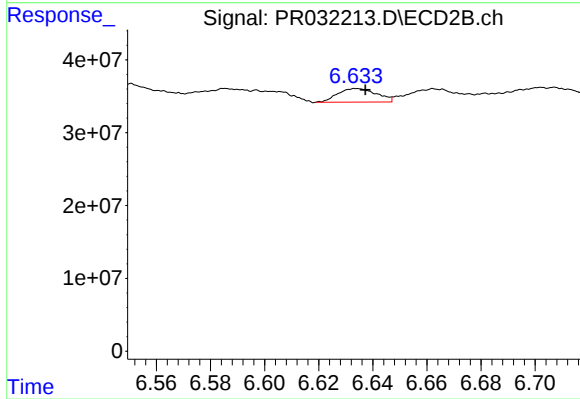
#29 AR-1254-4

R.T.: 6.545 min
Delta R.T.: 0.004 min
Response: 9470393
Conc: 5.03 ng/ml



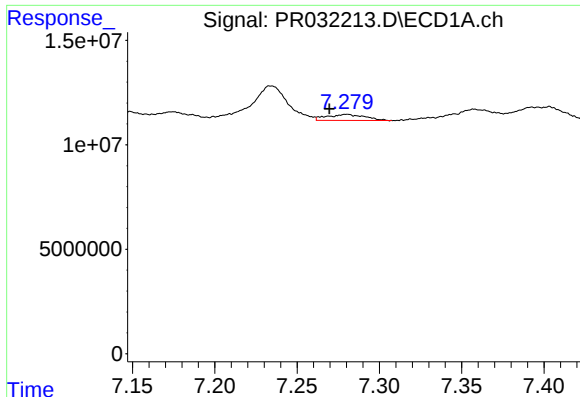
#30 AR-1254-5

R.T.: 7.642 min
Delta R.T.: -0.019 min
Response: 2475657
Conc: 2.59 ng/ml



#30 AR-1254-5

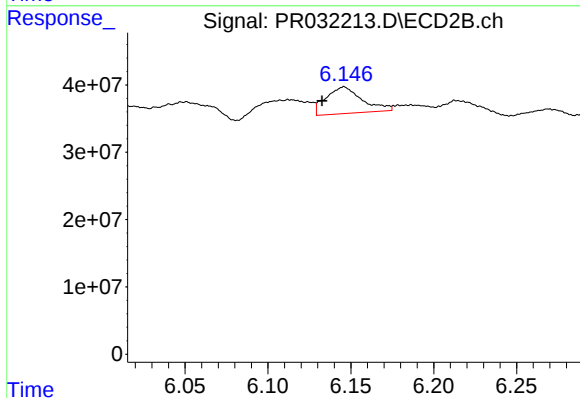
R.T.: 6.634 min
Delta R.T.: -0.003 min
Response: 18556621
Conc: 8.43 ng/ml



#31 AR-1260-1

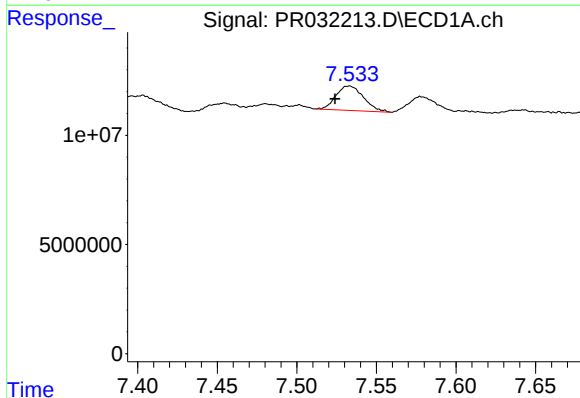
R.T.: 7.280 min
Delta R.T.: 0.011 min
Response: 4481571
Conc: 3.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



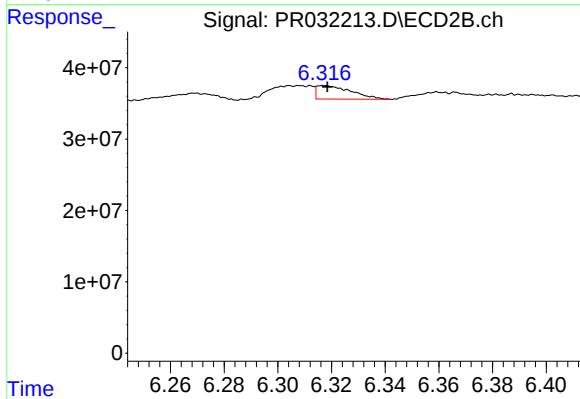
#31 AR-1260-1

R.T.: 6.146 min
Delta R.T.: 0.013 min
Response: 60013654
Conc: 18.12 ng/ml



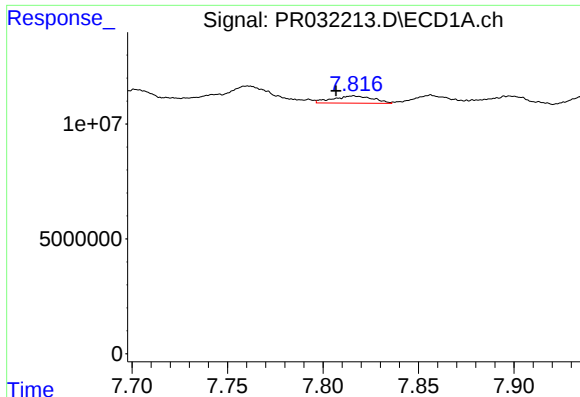
#32 AR-1260-2

R.T.: 7.533 min
Delta R.T.: 0.009 min
Response: 13501566
Conc: 8.16 ng/ml



#32 AR-1260-2

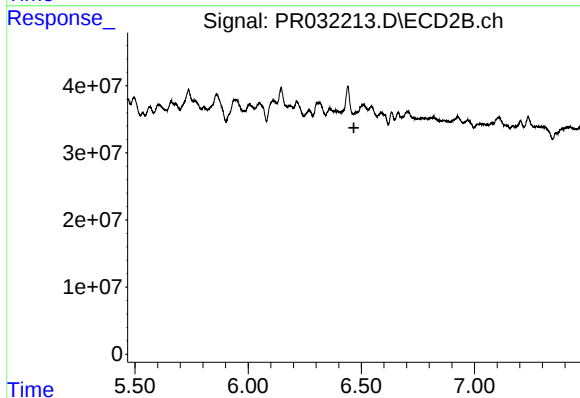
R.T.: 6.317 min
Delta R.T.: -0.001 min
Response: 17172870
Conc: 4.20 ng/ml



#33 AR-1260-3

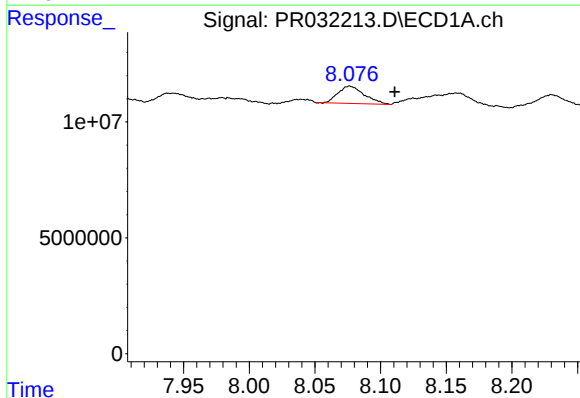
R.T.: 7.816 min
Delta R.T.: 0.009 min
Response: 4631335
Conc: 2.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



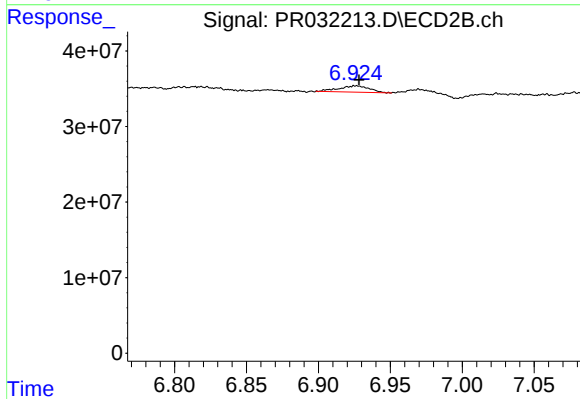
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.467 min
Response: 0
Conc: N.D.



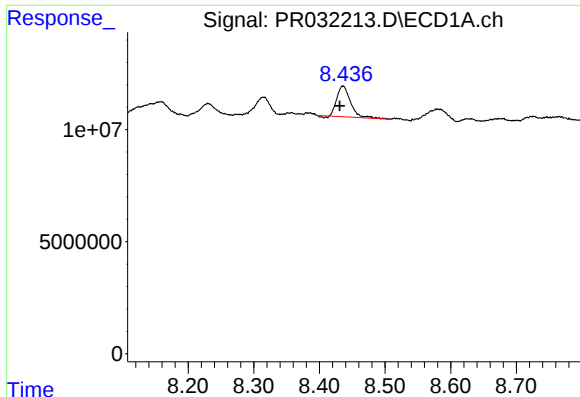
#34 AR-1260-4

R.T.: 8.076 min
Delta R.T.: -0.034 min
Response: 10434204
Conc: 7.56 ng/ml



#34 AR-1260-4

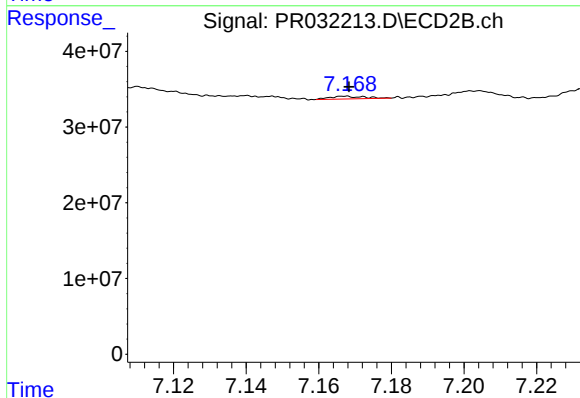
R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 12579709
Conc: 6.27 ng/ml



#35 AR-1260-5

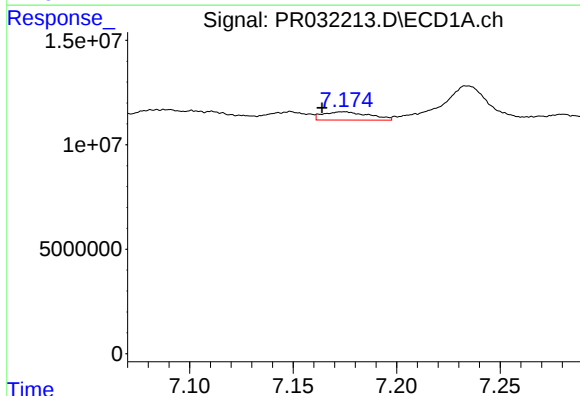
R.T.: 8.436 min
Delta R.T.: 0.005 min
Response: 19633550
Conc: 6.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



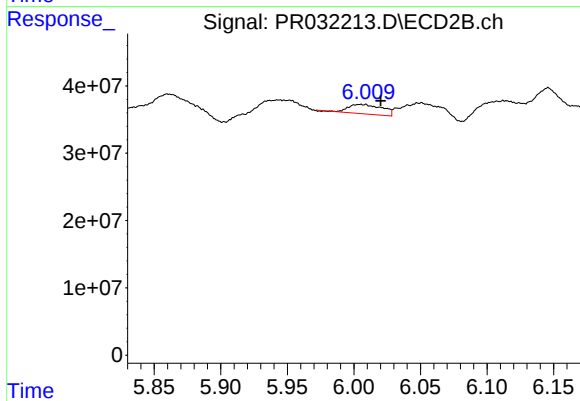
#35 AR-1260-5

R.T.: 7.167 min
Delta R.T.: -0.001 min
Response: 2283709
Conc: 0.56 ng/ml



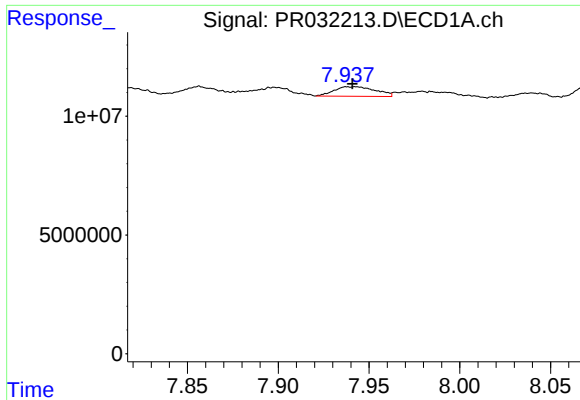
#36 AR-1262-1

R.T.: 7.174 min
Delta R.T.: 0.011 min
Response: 6178250
Conc: 8.13 ng/ml



#36 AR-1262-1

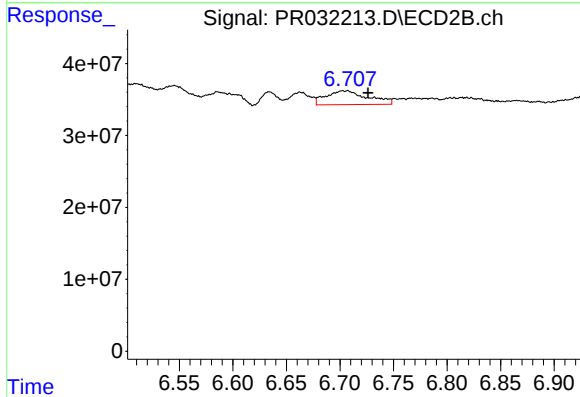
R.T.: 6.005 min
Delta R.T.: -0.016 min
Response: 25043829
Conc: 14.48 ng/ml



#37 AR-1262-2

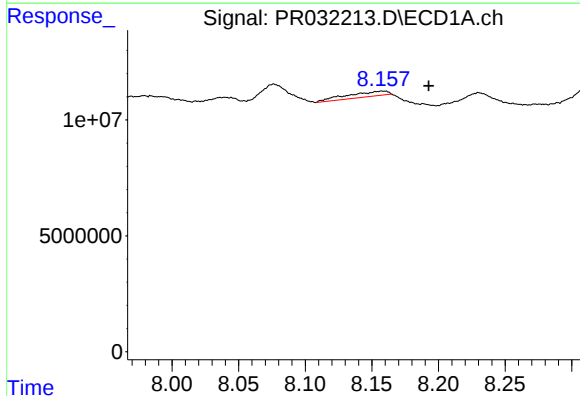
R.T.: 7.942 min
Delta R.T.: 0.001 min
Response: 6423582
Conc: 9.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



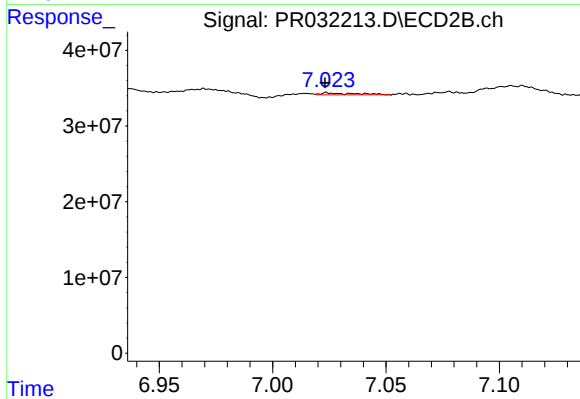
#37 AR-1262-2

R.T.: 6.707 min
Delta R.T.: -0.019 min
Response: 52141478
Conc: 36.67 ng/ml



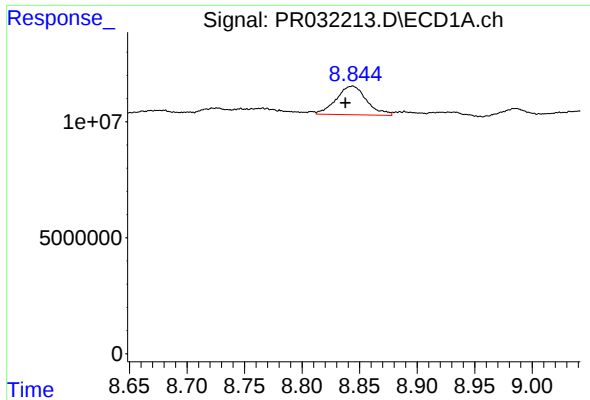
#38 AR-1262-3

R.T.: 8.159 min
Delta R.T.: -0.034 min
Response: 4758441
Conc: 7.83 ng/ml



#38 AR-1262-3

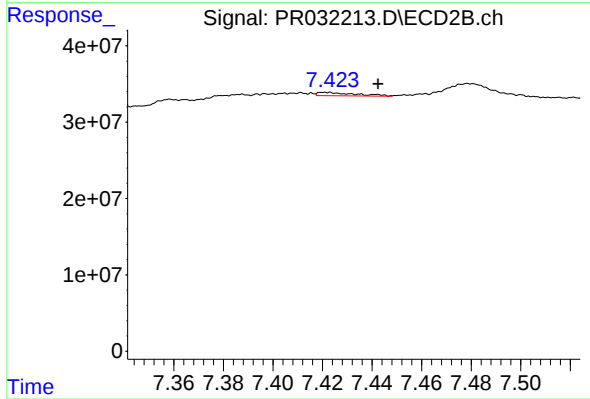
R.T.: 7.024 min
Delta R.T.: 0.001 min
Response: 2871542
Conc: 2.82 ng/ml



#39 AR-1262-4

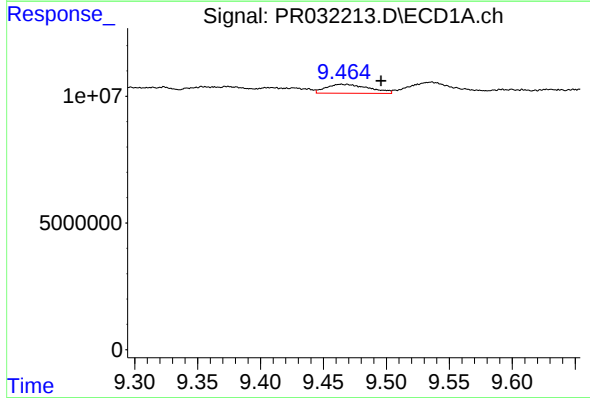
R.T.: 8.844 min
Delta R.T.: 0.006 min
Response: 22645422
Conc: 12.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



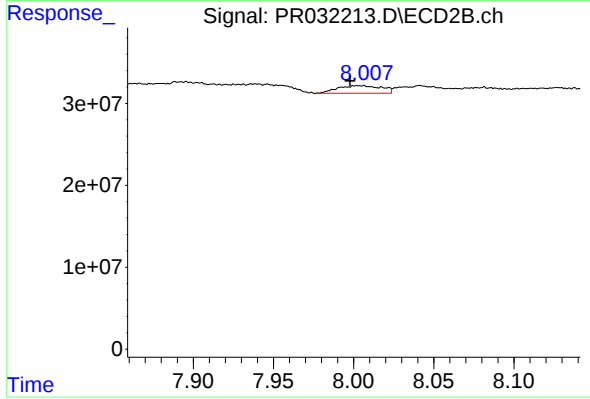
#39 AR-1262-4

R.T.: 7.421 min
Delta R.T.: -0.021 min
Response: 4686792
Conc: 2.77 ng/ml



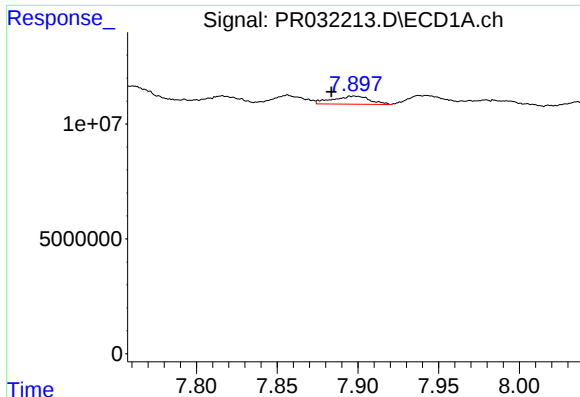
#40 AR-1262-5

R.T.: 9.464 min
Delta R.T.: -0.032 min
Response: 8328736
Conc: 6.15 ng/ml



#40 AR-1262-5

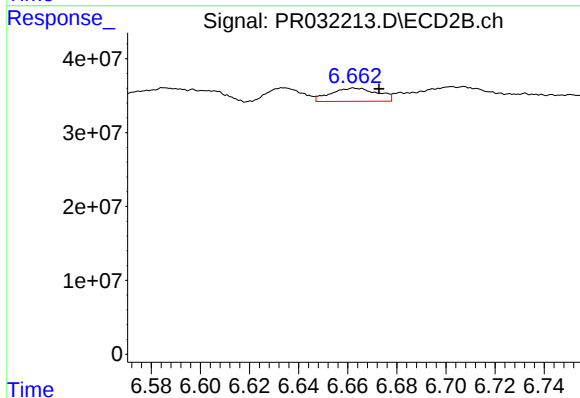
R.T.: 8.004 min
Delta R.T.: 0.006 min
Response: 17436562
Conc: 16.54 ng/ml



#41 AR-1268-1

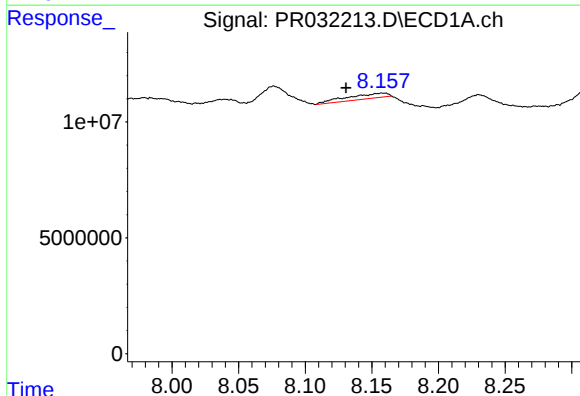
R.T.: 7.898 min
Delta R.T.: 0.014 min
Response: 5657715
Conc: 7.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



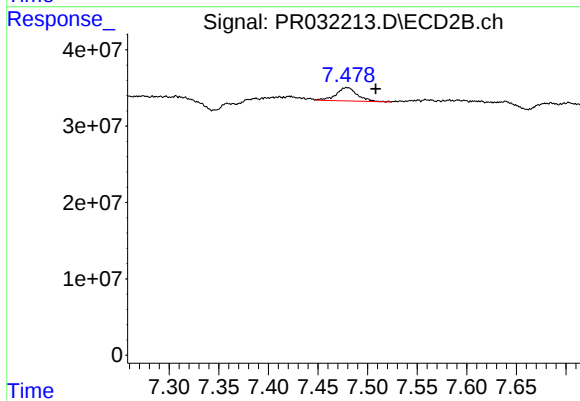
#41 AR-1268-1

R.T.: 6.663 min
Delta R.T.: -0.010 min
Response: 23646938
Conc: 16.88 ng/ml



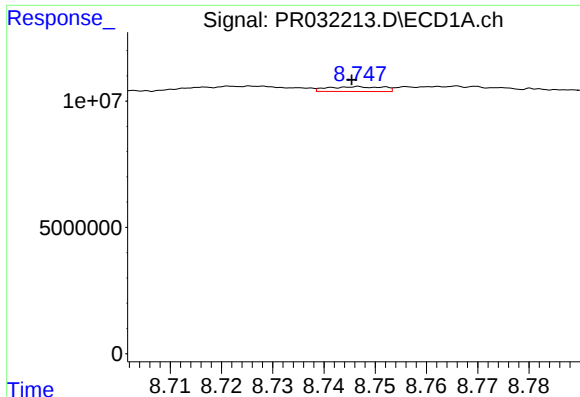
#42 AR-1268-2

R.T.: 8.159 min
Delta R.T.: 0.028 min
Response: 4758441
Conc: 5.15 ng/ml



#42 AR-1268-2

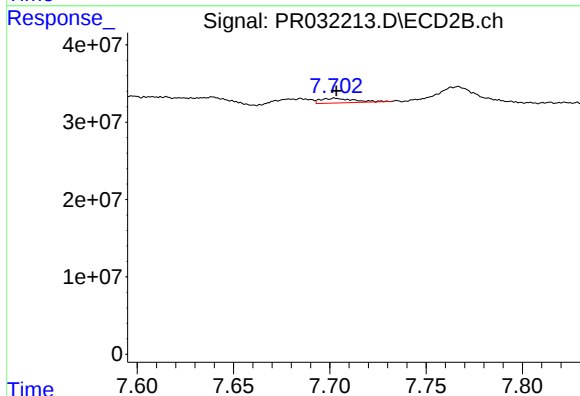
R.T.: 7.479 min
Delta R.T.: -0.029 min
Response: 25937033
Conc: 4.33 ng/ml



#43 AR-1268-3

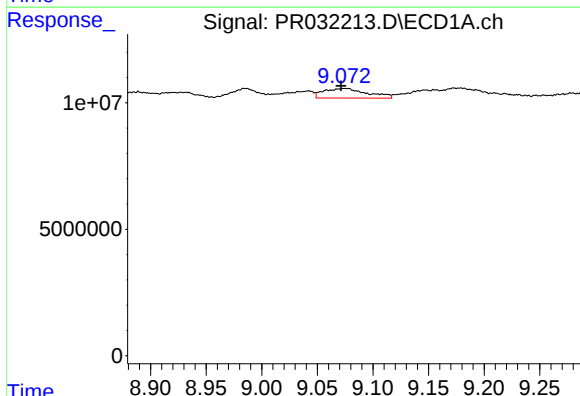
R.T.: 8.747 min
Delta R.T.: 0.001 min
Response: 1428899
Conc: 0.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



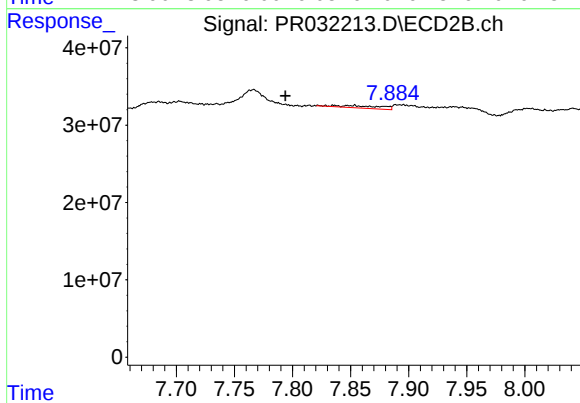
#43 AR-1268-3

R.T.: 7.703 min
Delta R.T.: 0.000 min
Response: 7240759
Conc: 2.57 ng/ml



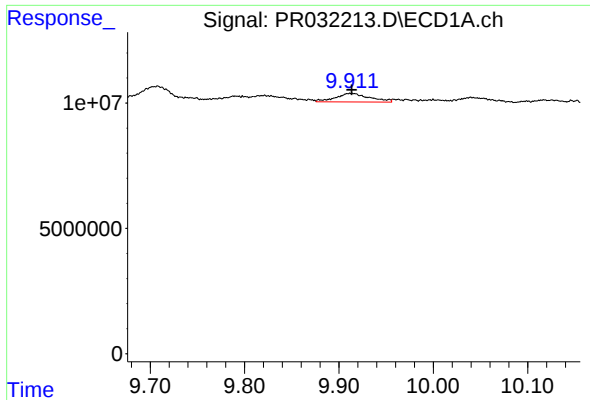
#44 AR-1268-4

R.T.: 9.074 min
Delta R.T.: 0.003 min
Response: 10324138
Conc: 3.01 ng/ml



#44 AR-1268-4

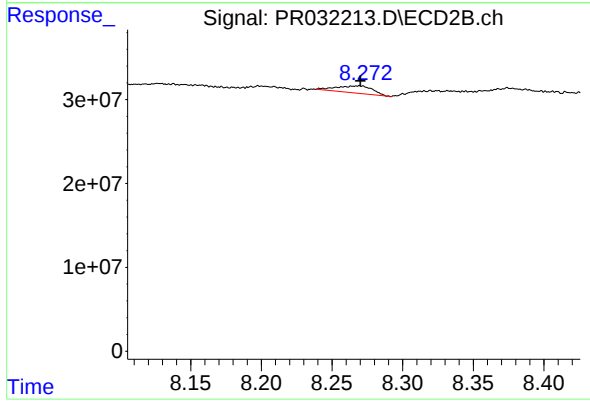
R.T.: 7.854 min
Delta R.T.: 0.060 min
Response: 8111457
Conc: 10.14 ng/ml



#45 AR-1268-5

R.T.: 9.913 min
Delta R.T.: 0.000 min
Response: 8698251
Conc: 0.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.268 min
Delta R.T.: -0.002 min
Response: 15182472
Conc: 2.10 ng/ml