

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR090718\
 Data File : PR031879.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Sep 2018 18:52
 Operator : SM\SJ
 Sample : J4811-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:43:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 07 03:46:12 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...	4.524	3.656	369.8E6	677.8E6	18.860	18.385
2)	SA Decachlor...	10.271	8.516	596.5E6	470.8E6	18.546	17.985
Target Compounds							
3)	L1 AR-1016-1	5.229	4.307	7056129	34111233	13.120	31.166 #
4)	L1 AR-1016-2	5.420	4.711	4052147	24920576	7.164	14.614 #
5)	L1 AR-1016-3	5.741	4.711	14739667	24920576	16.697	8.594 #
6)	L1 AR-1016-4	5.768	4.775	11398323	4286995	14.553	2.307 #
7)	L1 AR-1016-5	6.179	5.146	42932778	34644908	64.081	20.071 #
8)	L2 AR-1221-1	4.723	3.822	22978213	8155155	98.563	19.984 #
10)	L2 AR-1221-3	4.902	4.035	72730162	80436257	131.072	77.929 #
11)	L3 AR-1232-1	5.741	4.473	14739667	42306936	28.089	75.827 #
12)	L3 AR-1232-2	5.889	4.622	6569947	61470004	24.370	325.613 #
13)	L3 AR-1232-3	6.040	4.953	12726066	107.7E6	162.040	185.397
14)	L3 AR-1232-4	6.371	5.304	7619080	138.7E6	92.771	190.111 #
15)	L3 AR-1232-5	7.245	5.835	33250691	2881696	611.227	25.995 #
16)	L4 AR-1242-1	5.261	4.307	16941932	34111233	63.661	58.201
17)	L4 AR-1242-2	5.981	4.898	42648636	30805538	86.908	25.344 #
18)	L4 AR-1242-3	6.179	5.009	42932778	66063214	173.890	152.901
19)	L4 AR-1242-4	6.300	5.350	9592622	39607119	53.496	95.943 #
20)	L4 AR-1242-5	6.300	5.751	9592622	31429599	15.218	33.569 #
21)	L5 AR-1248-1	5.948	4.953	10685906	107.7E6	13.299	61.358 #
22)	L5 AR-1248-2	6.514	5.486	4004237	49233194	4.730	13.437 #
23)	L5 AR-1248-3	6.566	5.505	19500648	85500925	17.087	32.682 #
24)	L5 AR-1248-4	6.601	5.695	12710614	9230942	11.797	3.457 #
25)	L5 AR-1248-5	6.807	6.022	18488206	21504127	25.527	12.752 #
26)	L6 AR-1254-1	6.760	5.613	38239754	78667187	19.688	20.691
27)	L6 AR-1254-2	7.010	5.946	14697564	24825903	12.056	8.407 #
28)	L6 AR-1254-3	7.156	6.229	10837656	33585724	4.946	7.507 #
29)	L6 AR-1254-4	7.413	6.559	16136442	22583582	9.261	10.629
30)	L6 AR-1254-5	7.651	6.649	4227568	25217660	3.254	6.624 #
31)	L7 AR-1260-1	7.294	6.160	11594837	71188943	7.439	19.296 #
32)	L7 AR-1260-2	7.544	6.318	5333507	37914335	2.678	8.461 #
33)	L7 AR-1260-3	7.832	6.478	7218827	450599	3.100	0.128 #
34)	L7 AR-1260-4	8.116	6.947	197.9E6	14971455	118.648	7.282 #
35)	L7 AR-1260-5	8.448	7.179	24494878	11043913	6.530	2.530 #
36)	L8 AR-1262-1	7.191	6.035	13485350	5184626	15.931	2.591 #
37)	L8 AR-1262-2	7.956	6.722	17146984	48276020	20.135	32.097 #
38)	L8 AR-1262-3	8.243	7.030	26617536	3776700	35.345	3.094 #
39)	L8 AR-1262-4	8.855	7.448	27144959	3364535	12.771	2.009 #
40)	L8 AR-1262-5	9.482	8.015	4948202	1282362	3.239	1.013 #
41)	L9 AR-1268-1	7.896	6.677	16062294	9815263	17.607	6.014 #
42)	L9 AR-1268-2	8.116	7.534	197.9E6	318141	157.395	0.079 #

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 ALS Vial : 28 Sample Multiplier: 1

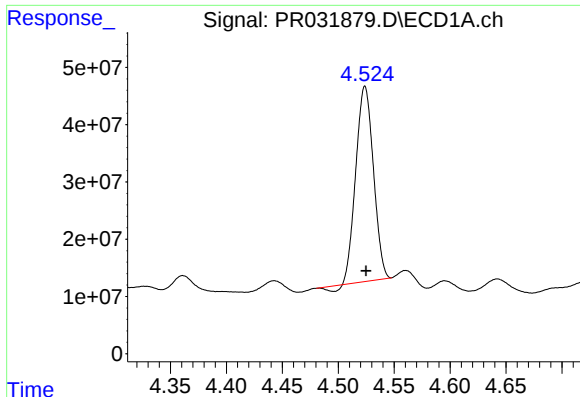
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 11:43:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.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	8.777	7.717	6530201	6012486	1.177	1.745 #
44) L9	AR-1268-4	9.085	7.830	4144153	887535	0.939	0.896
45) L9	AR-1268-5	9.928	8.282	8638782	24417344	0.710	2.559 #

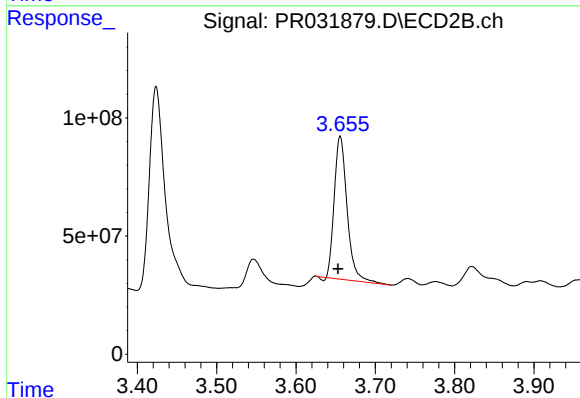
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

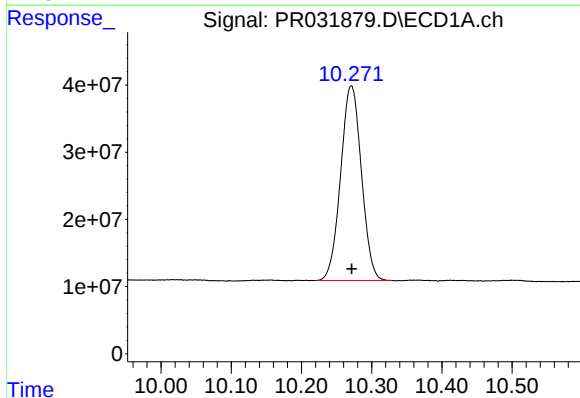
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 369750847
Conc: 18.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



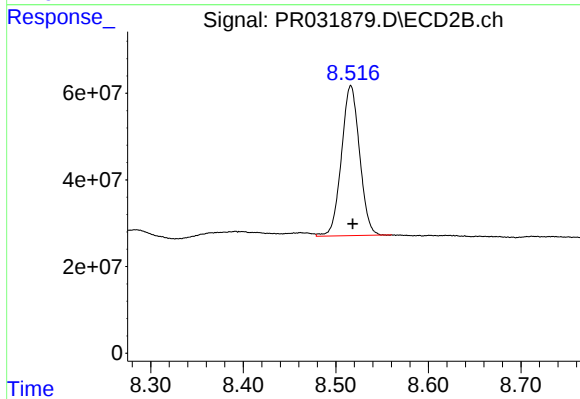
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.003 min
Response: 677827078
Conc: 18.38 ng/ml



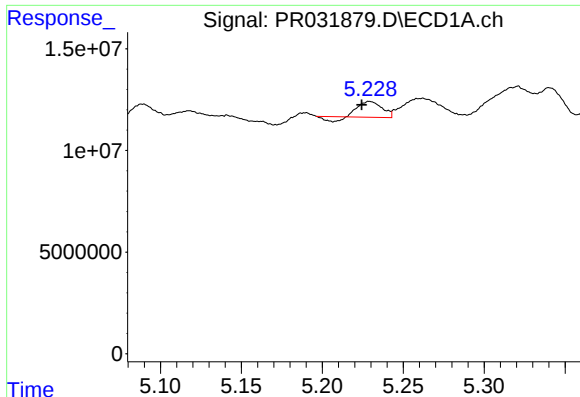
#2 Decachlorobiphenyl

R.T.: 10.271 min
Delta R.T.: 0.000 min
Response: 596546175
Conc: 18.55 ng/ml



#2 Decachlorobiphenyl

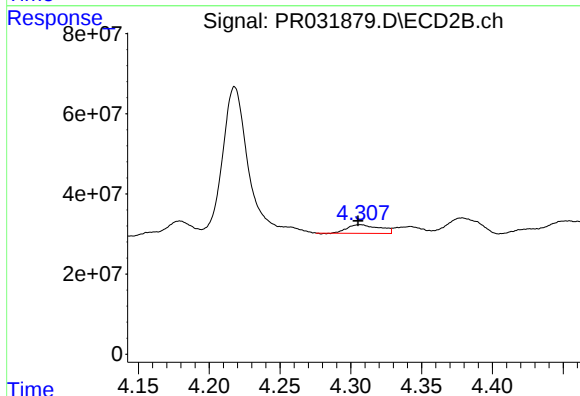
R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 470846127
Conc: 17.98 ng/ml



#3 AR-1016-1

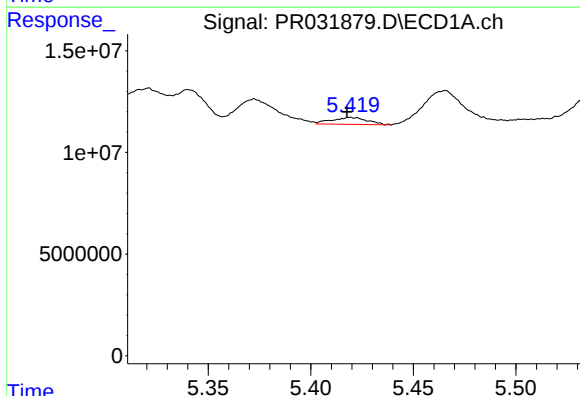
R.T.: 5.229 min
Delta R.T.: 0.005 min
Response: 7056129
Conc: 13.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



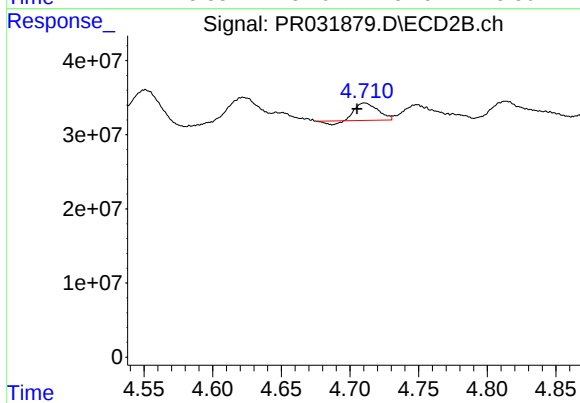
#3 AR-1016-1

R.T.: 4.307 min
Delta R.T.: 0.001 min
Response: 34111233
Conc: 31.17 ng/ml



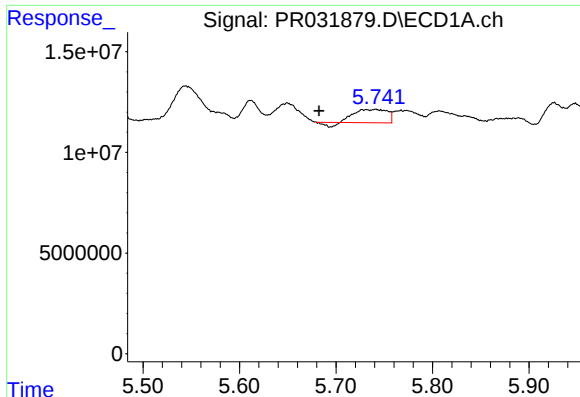
#4 AR-1016-2

R.T.: 5.420 min
Delta R.T.: 0.002 min
Response: 4052147
Conc: 7.16 ng/ml



#4 AR-1016-2

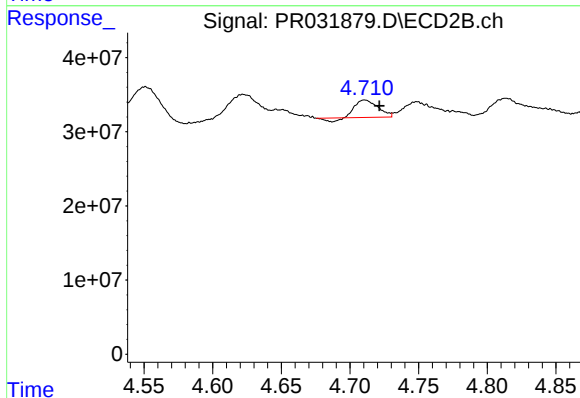
R.T.: 4.711 min
Delta R.T.: 0.006 min
Response: 24920576
Conc: 14.61 ng/ml



#5 AR-1016-3

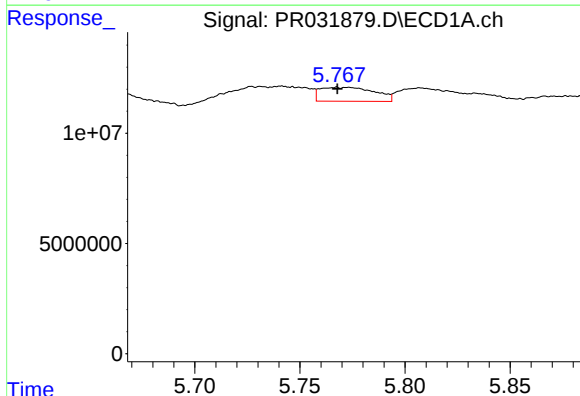
R.T.: 5.741 min
Delta R.T.: 0.059 min
Response: 14739667
Conc: 16.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



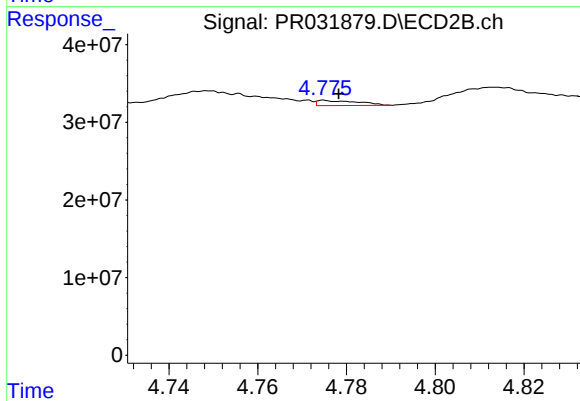
#5 AR-1016-3

R.T.: 4.711 min
Delta R.T.: -0.011 min
Response: 24920576
Conc: 8.59 ng/ml



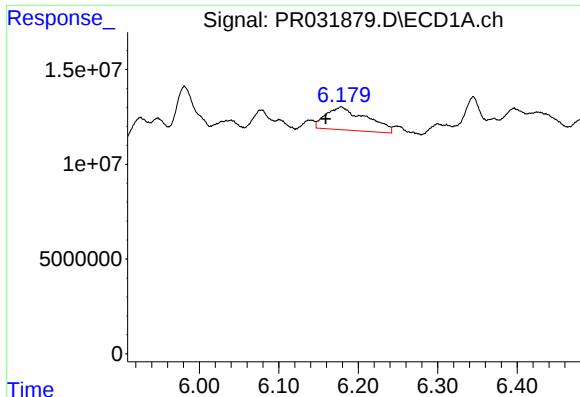
#6 AR-1016-4

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 11398323
Conc: 14.55 ng/ml



#6 AR-1016-4

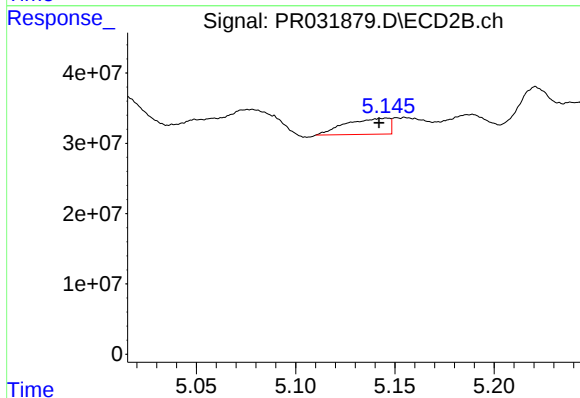
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 4286995
Conc: 2.31 ng/ml



#7 AR-1016-5

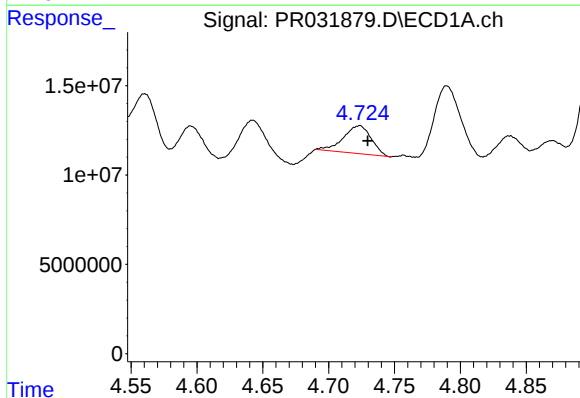
R.T.: 6.179 min
Delta R.T.: 0.019 min
Response: 42932778
Conc: 64.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



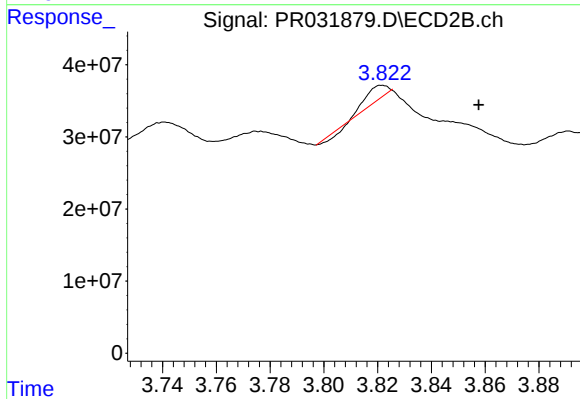
#7 AR-1016-5

R.T.: 5.146 min
Delta R.T.: 0.004 min
Response: 34644908
Conc: 20.07 ng/ml



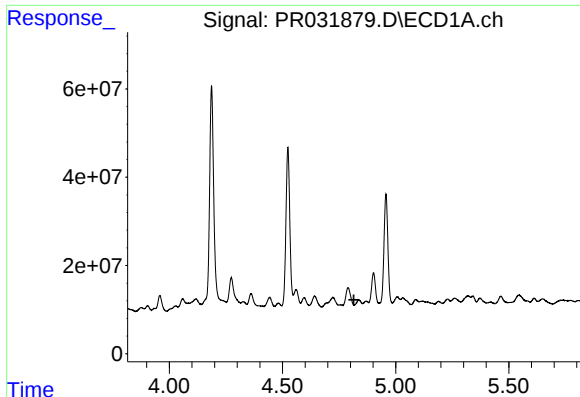
#8 AR-1221-1

R.T.: 4.723 min
Delta R.T.: -0.006 min
Response: 22978213
Conc: 98.56 ng/ml



#8 AR-1221-1

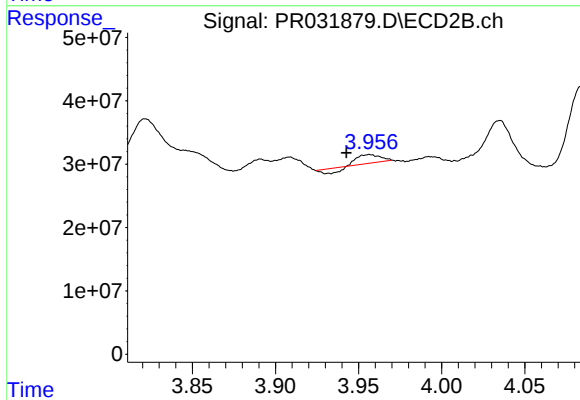
R.T.: 3.822 min
Delta R.T.: -0.036 min
Response: 8155155
Conc: 19.98 ng/ml



#9 AR-1221-2

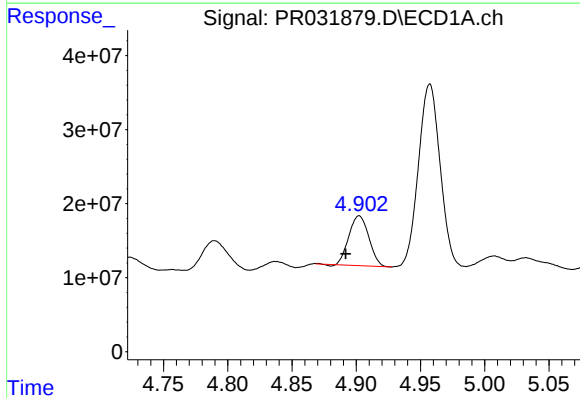
R.T.: 4.837 min
Delta R.T.: 0.022 min
Response: -5969739
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



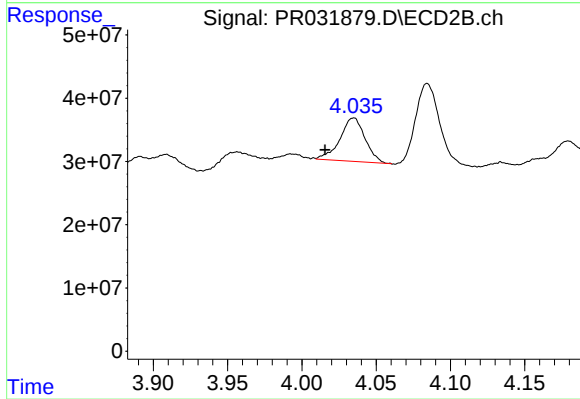
#9 AR-1221-2

R.T.: 3.957 min
Delta R.T.: 0.014 min
Response: 9274402
Conc: 29.72 ng/ml



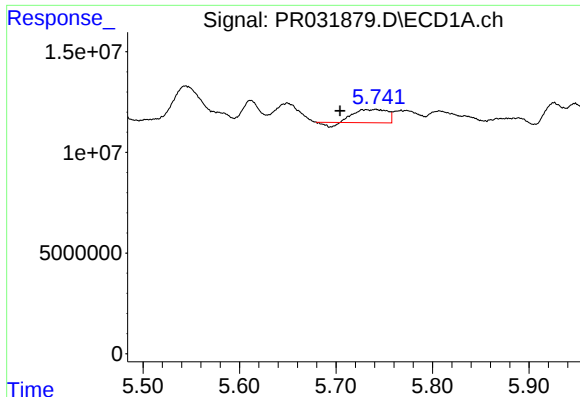
#10 AR-1221-3

R.T.: 4.902 min
Delta R.T.: 0.010 min
Response: 72730162
Conc: 131.07 ng/ml



#10 AR-1221-3

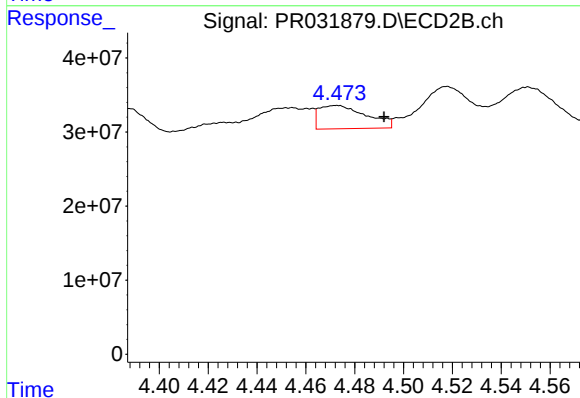
R.T.: 4.035 min
Delta R.T.: 0.020 min
Response: 80436257
Conc: 77.93 ng/ml



#11 AR-1232-1

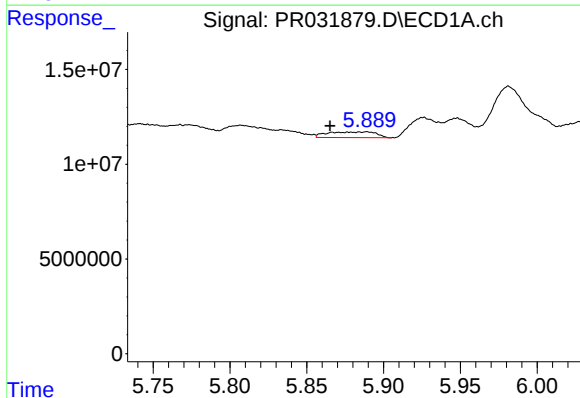
R.T.: 5.741 min
Delta R.T.: 0.037 min
Response: 14739667
Conc: 28.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



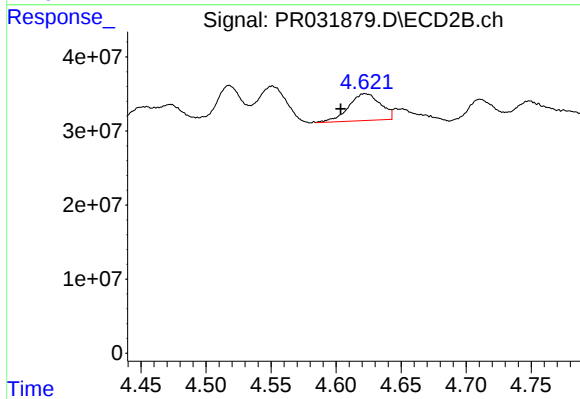
#11 AR-1232-1

R.T.: 4.473 min
Delta R.T.: -0.019 min
Response: 42306936
Conc: 75.83 ng/ml



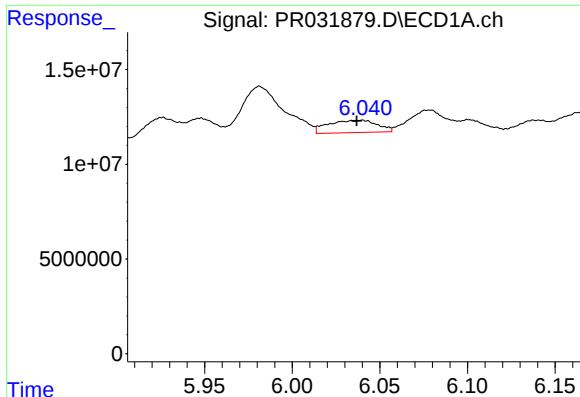
#12 AR-1232-2

R.T.: 5.889 min
Delta R.T.: 0.024 min
Response: 6569947
Conc: 24.37 ng/ml



#12 AR-1232-2

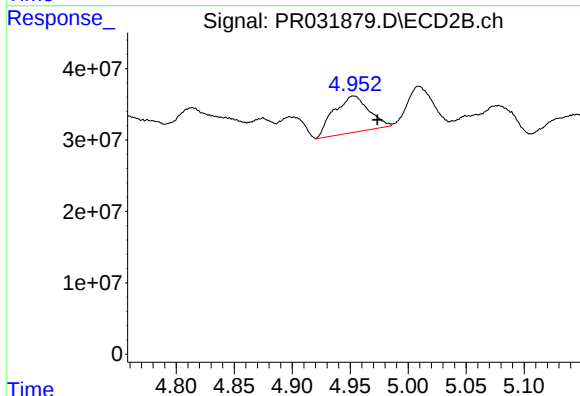
R.T.: 4.622 min
Delta R.T.: 0.019 min
Response: 61470004
Conc: 325.61 ng/ml



#13 AR-1232-3

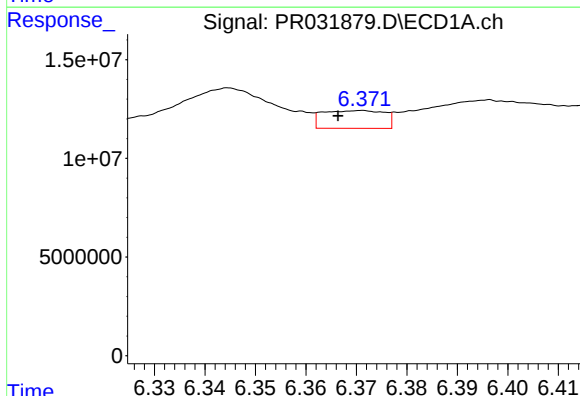
R.T.: 6.040 min
Delta R.T.: 0.003 min
Response: 12726066
Conc: 162.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



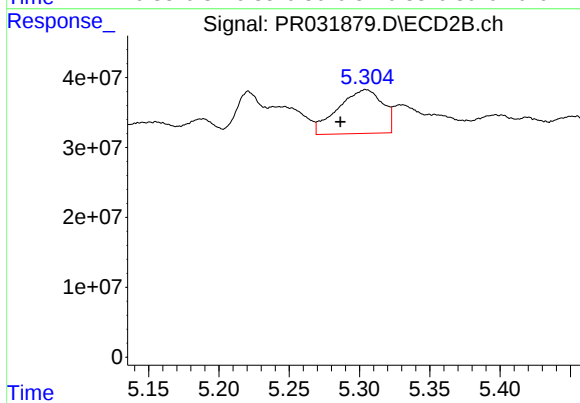
#13 AR-1232-3

R.T.: 4.953 min
Delta R.T.: -0.021 min
Response: 107665351
Conc: 185.40 ng/ml



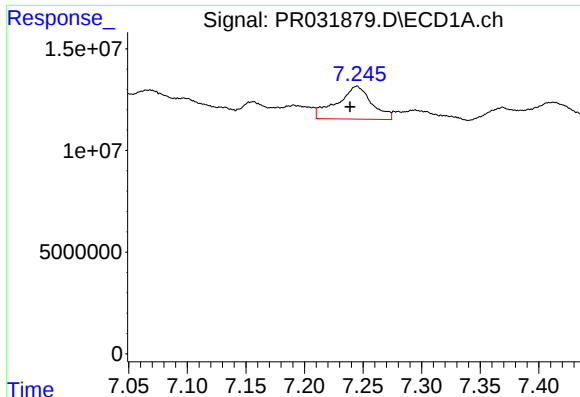
#14 AR-1232-4

R.T.: 6.371 min
Delta R.T.: 0.005 min
Response: 7619080
Conc: 92.77 ng/ml



#14 AR-1232-4

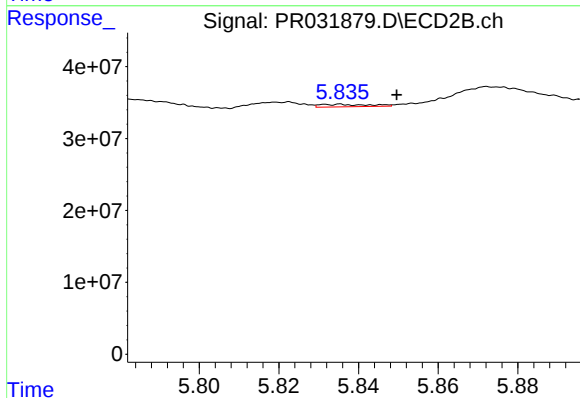
R.T.: 5.304 min
Delta R.T.: 0.018 min
Response: 138741046
Conc: 190.11 ng/ml



#15 AR-1232-5

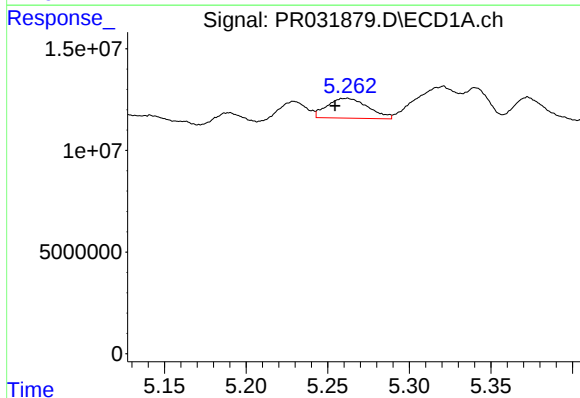
R.T.: 7.245 min
Delta R.T.: 0.006 min
Response: 33250691
Conc: 611.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



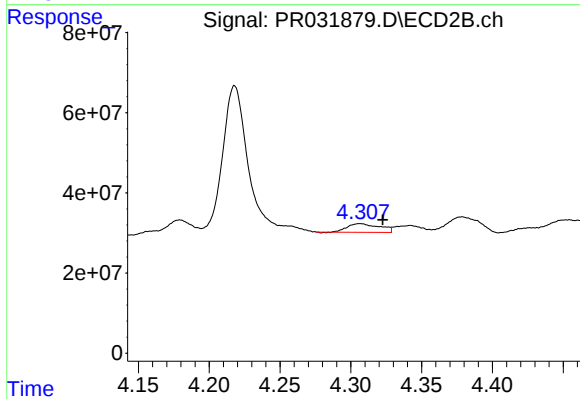
#15 AR-1232-5

R.T.: 5.835 min
Delta R.T.: -0.014 min
Response: 2881696
Conc: 25.99 ng/ml



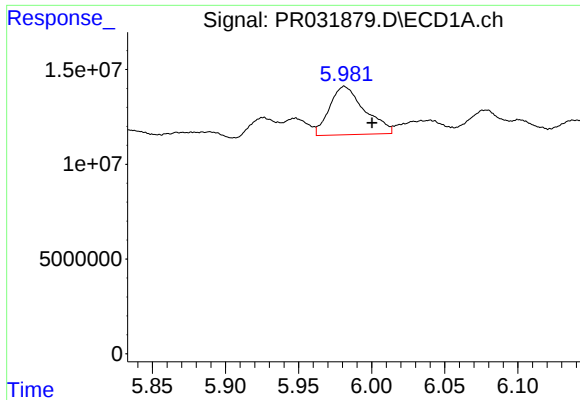
#16 AR-1242-1

R.T.: 5.261 min
Delta R.T.: 0.007 min
Response: 16941932
Conc: 63.66 ng/ml



#16 AR-1242-1

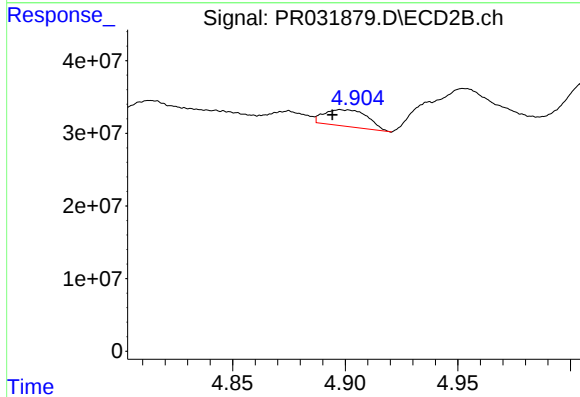
R.T.: 4.307 min
Delta R.T.: -0.016 min
Response: 34111233
Conc: 58.20 ng/ml



#17 AR-1242-2

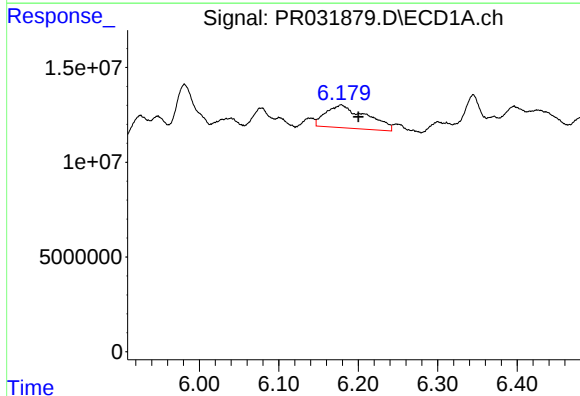
R.T.: 5.981 min
Delta R.T.: -0.019 min
Response: 42648636
Conc: 86.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



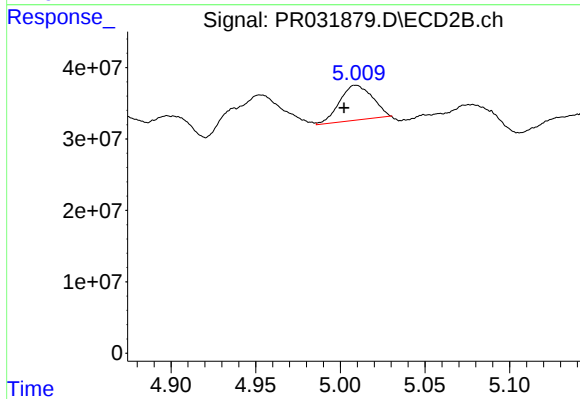
#17 AR-1242-2

R.T.: 4.898 min
Delta R.T.: 0.003 min
Response: 30805538
Conc: 25.34 ng/ml



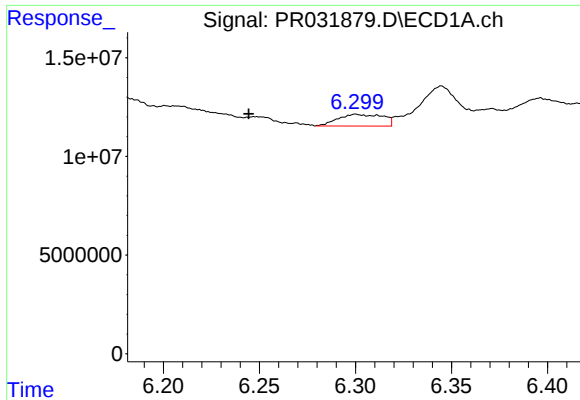
#18 AR-1242-3

R.T.: 6.179 min
Delta R.T.: -0.022 min
Response: 42932778
Conc: 173.89 ng/ml



#18 AR-1242-3

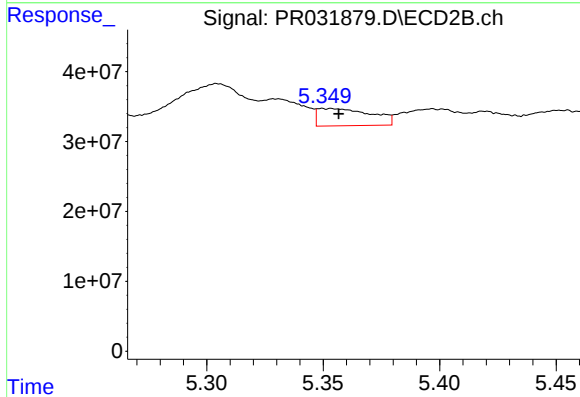
R.T.: 5.009 min
Delta R.T.: 0.007 min
Response: 66063214
Conc: 152.90 ng/ml



#19 AR-1242-4

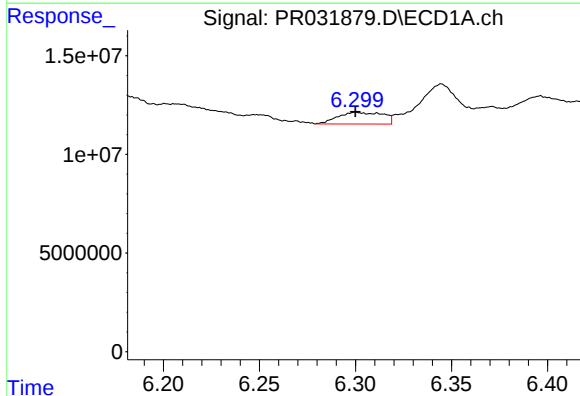
R.T.: 6.300 min
Delta R.T.: 0.056 min
Response: 9592622
Conc: 53.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



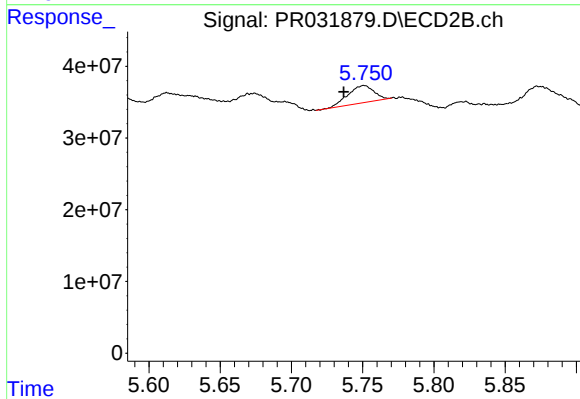
#19 AR-1242-4

R.T.: 5.350 min
Delta R.T.: -0.007 min
Response: 39607119
Conc: 95.94 ng/ml



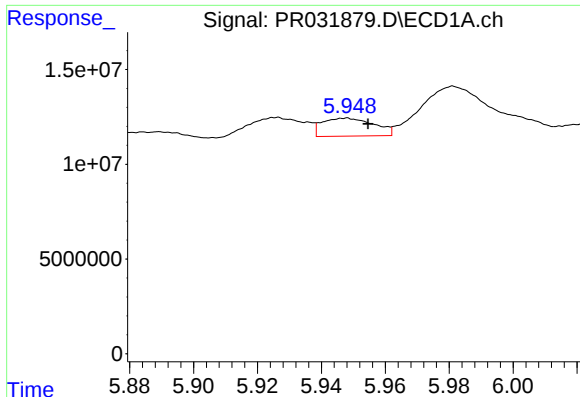
#20 AR-1242-5

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 9592622
Conc: 15.22 ng/ml



#20 AR-1242-5

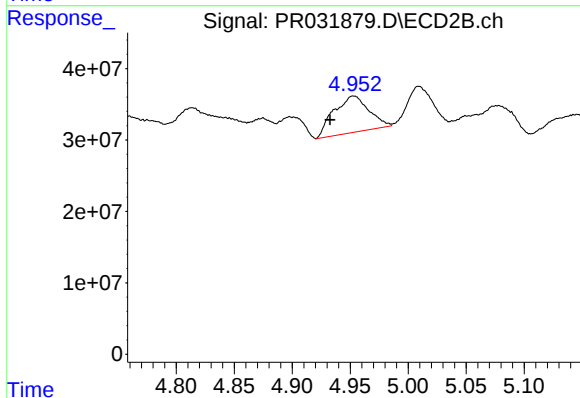
R.T.: 5.751 min
Delta R.T.: 0.014 min
Response: 31429599
Conc: 33.57 ng/ml



#21 AR-1248-1

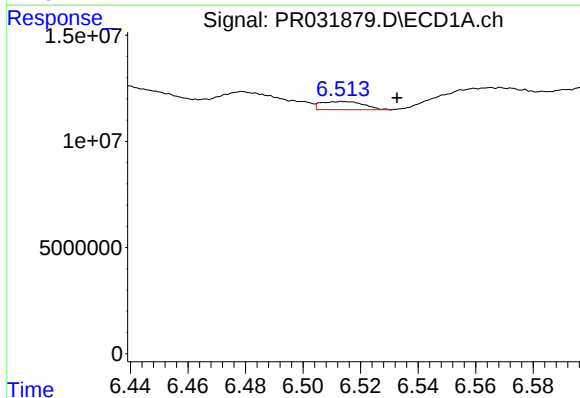
R.T.: 5.948 min
Delta R.T.: -0.007 min
Response: 10685906
Conc: 13.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



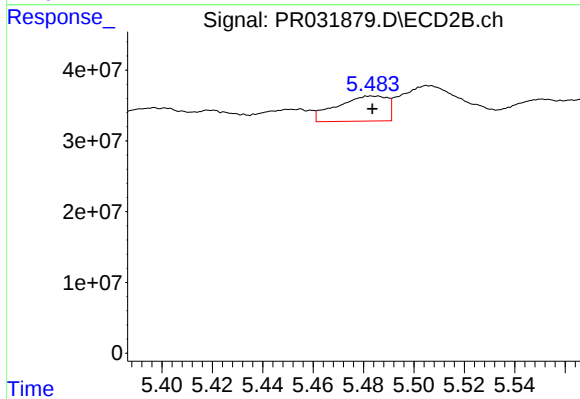
#21 AR-1248-1

R.T.: 4.953 min
Delta R.T.: 0.020 min
Response: 107665351
Conc: 61.36 ng/ml



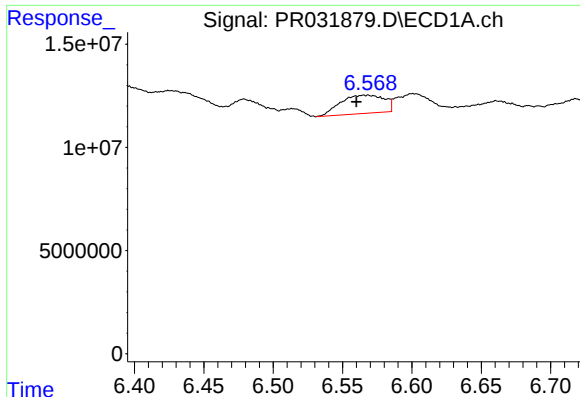
#22 AR-1248-2

R.T.: 6.514 min
Delta R.T.: -0.019 min
Response: 4004237
Conc: 4.73 ng/ml



#22 AR-1248-2

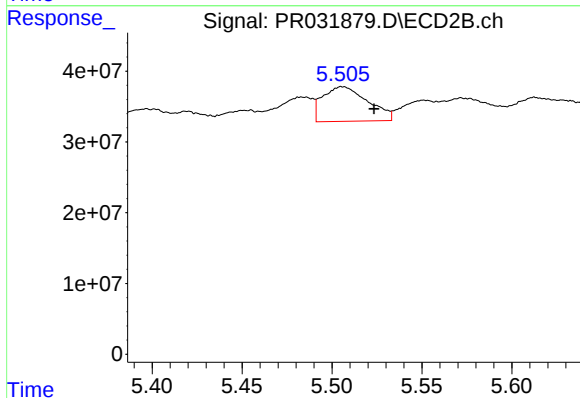
R.T.: 5.486 min
Delta R.T.: 0.002 min
Response: 49233194
Conc: 13.44 ng/ml



#23 AR-1248-3

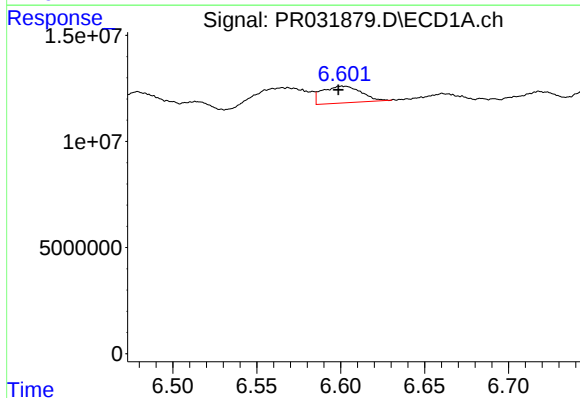
R.T.: 6.566 min
Delta R.T.: 0.006 min
Response: 19500648
Conc: 17.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



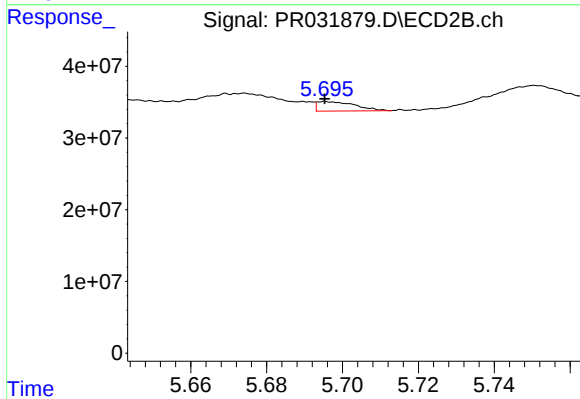
#23 AR-1248-3

R.T.: 5.505 min
Delta R.T.: -0.018 min
Response: 85500925
Conc: 32.68 ng/ml



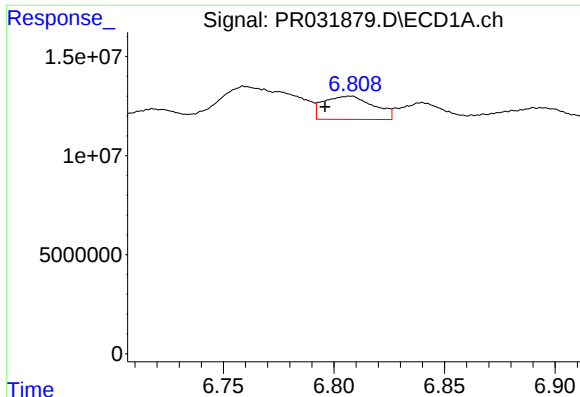
#24 AR-1248-4

R.T.: 6.601 min
Delta R.T.: 0.002 min
Response: 12710614
Conc: 11.80 ng/ml



#24 AR-1248-4

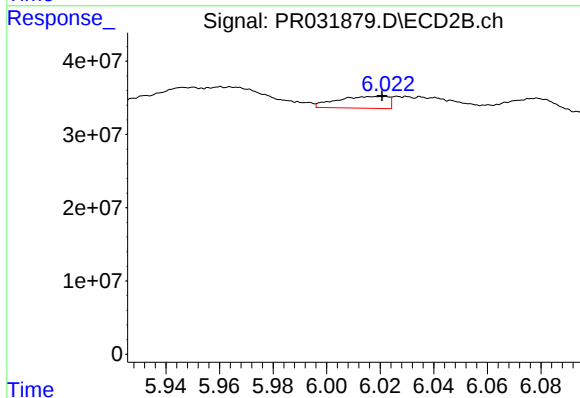
R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 9230942
Conc: 3.46 ng/ml



#25 AR-1248-5

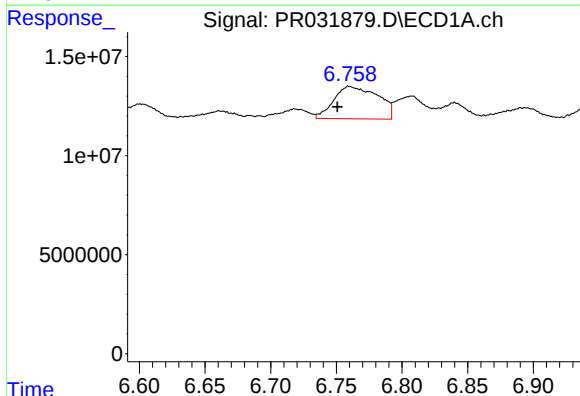
R.T.: 6.807 min
Delta R.T.: 0.011 min
Response: 18488206
Conc: 25.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



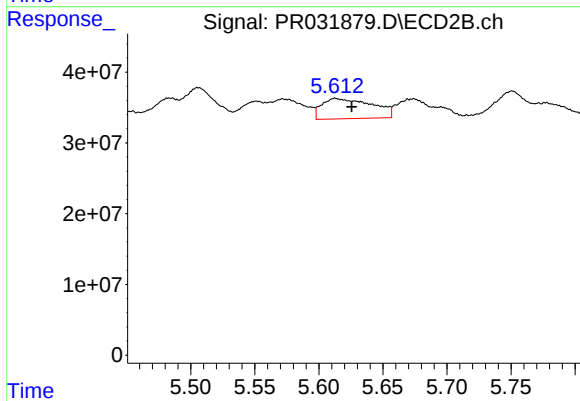
#25 AR-1248-5

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 21504127
Conc: 12.75 ng/ml



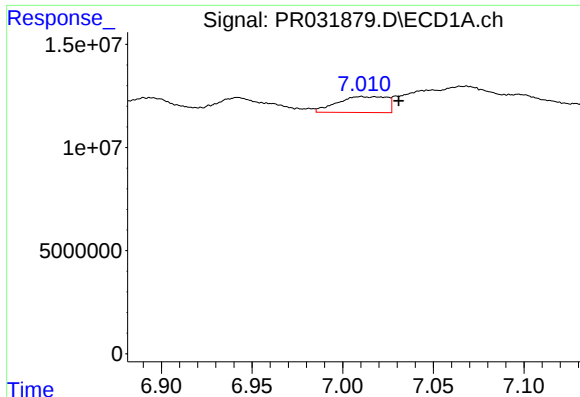
#26 AR-1254-1

R.T.: 6.760 min
Delta R.T.: 0.009 min
Response: 38239754
Conc: 19.69 ng/ml



#26 AR-1254-1

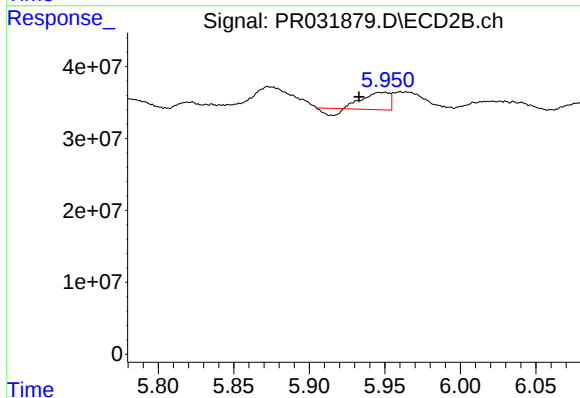
R.T.: 5.613 min
Delta R.T.: -0.013 min
Response: 78667187
Conc: 20.69 ng/ml



#27 AR-1254-2

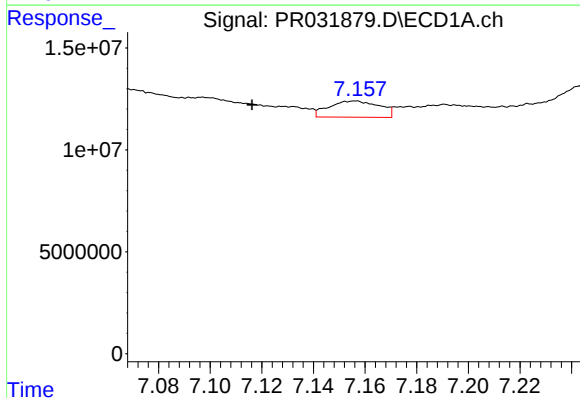
R.T.: 7.010 min
Delta R.T.: -0.021 min
Response: 14697564
Conc: 12.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



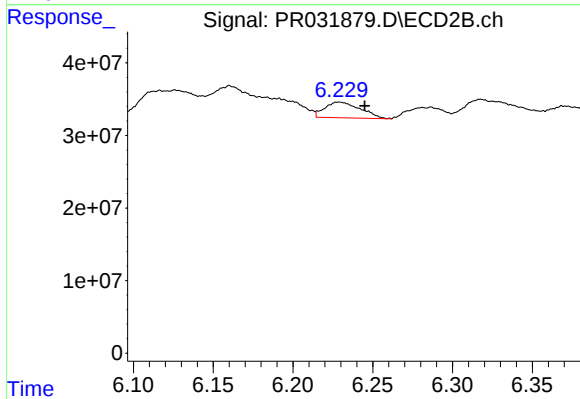
#27 AR-1254-2

R.T.: 5.946 min
Delta R.T.: 0.013 min
Response: 24825903
Conc: 8.41 ng/ml



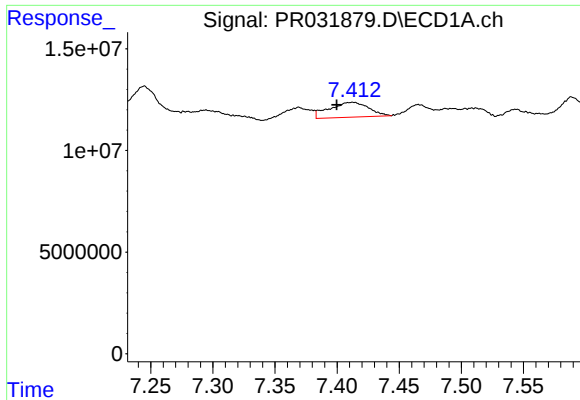
#28 AR-1254-3

R.T.: 7.156 min
Delta R.T.: 0.040 min
Response: 10837656
Conc: 4.95 ng/ml



#28 AR-1254-3

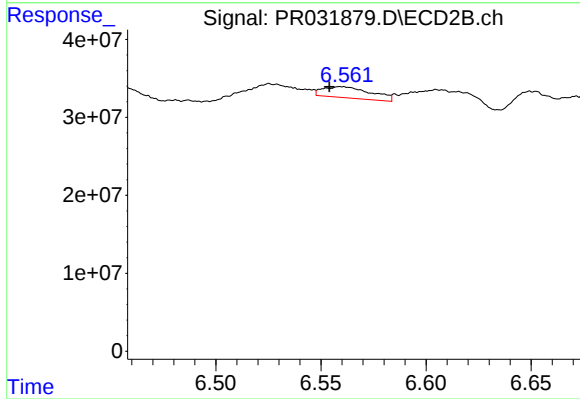
R.T.: 6.229 min
Delta R.T.: -0.016 min
Response: 33585724
Conc: 7.51 ng/ml



#29 AR-1254-4

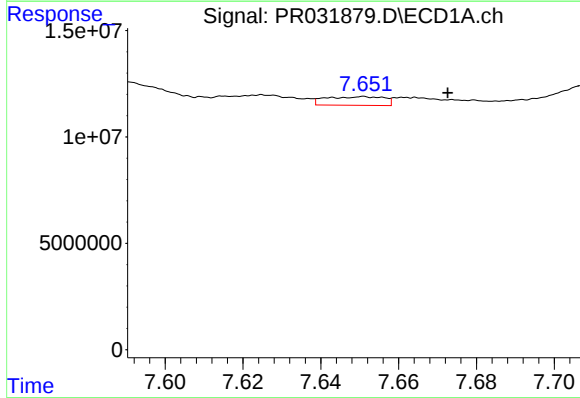
R.T.: 7.413 min
Delta R.T.: 0.013 min
Response: 16136442
Conc: 9.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



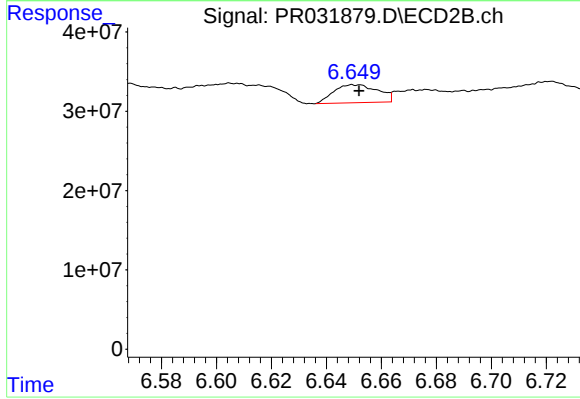
#29 AR-1254-4

R.T.: 6.559 min
Delta R.T.: 0.005 min
Response: 22583582
Conc: 10.63 ng/ml



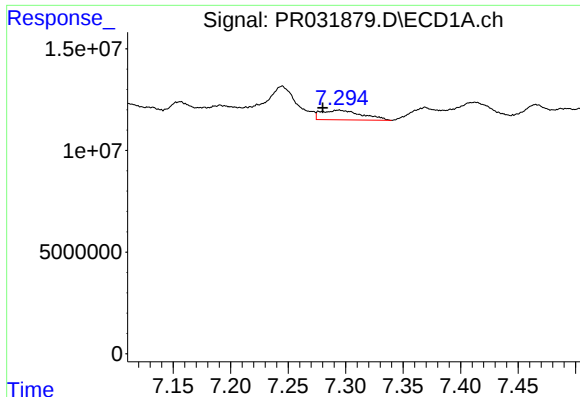
#30 AR-1254-5

R.T.: 7.651 min
Delta R.T.: -0.021 min
Response: 4227568
Conc: 3.25 ng/ml



#30 AR-1254-5

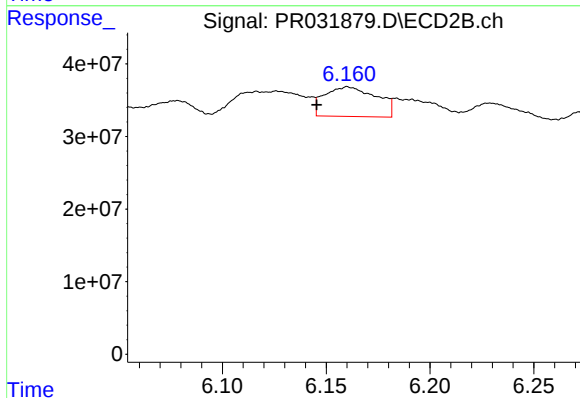
R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 25217660
Conc: 6.62 ng/ml



#31 AR-1260-1

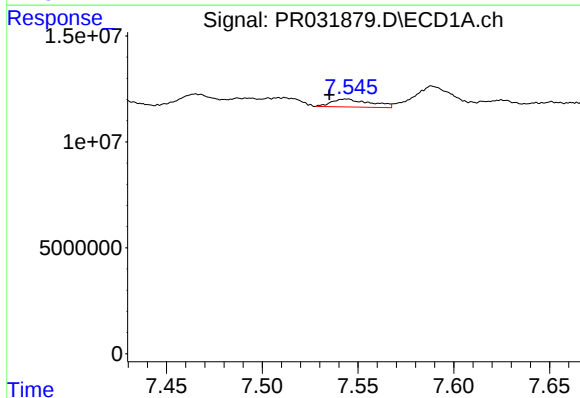
R.T.: 7.294 min
Delta R.T.: 0.014 min
Response: 11594837
Conc: 7.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



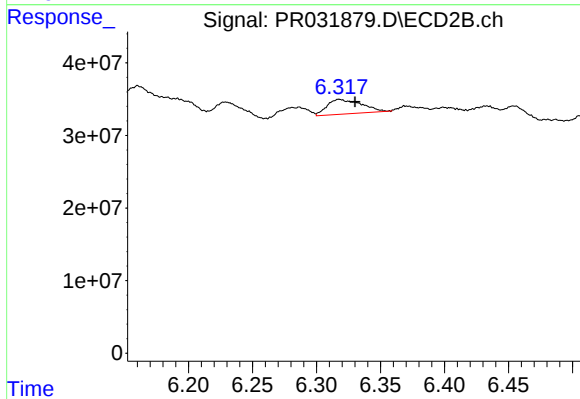
#31 AR-1260-1

R.T.: 6.160 min
Delta R.T.: 0.015 min
Response: 71188943
Conc: 19.30 ng/ml



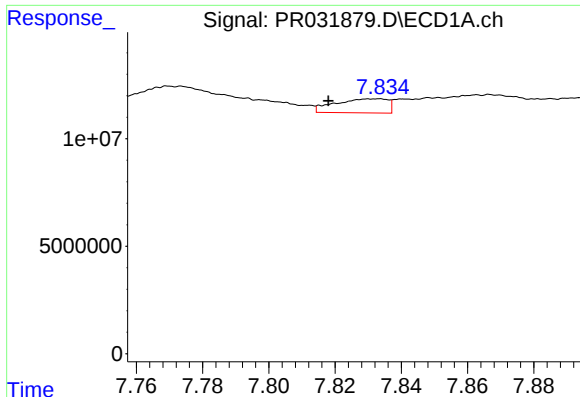
#32 AR-1260-2

R.T.: 7.544 min
Delta R.T.: 0.009 min
Response: 5333507
Conc: 2.68 ng/ml



#32 AR-1260-2

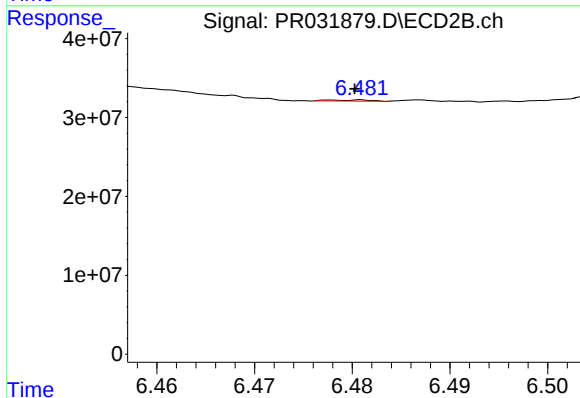
R.T.: 6.318 min
Delta R.T.: -0.013 min
Response: 37914335
Conc: 8.46 ng/ml



#33 AR-1260-3

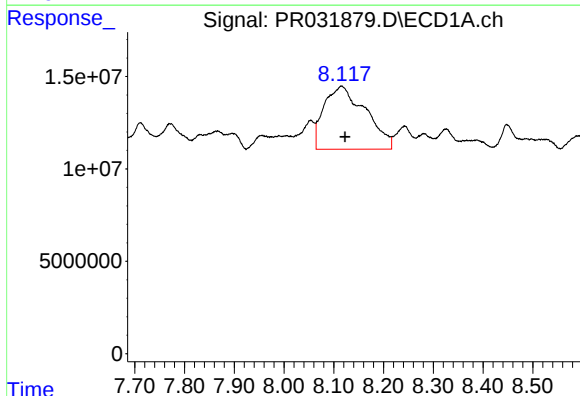
R.T.: 7.832 min
Delta R.T.: 0.014 min
Response: 7218827
Conc: 3.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



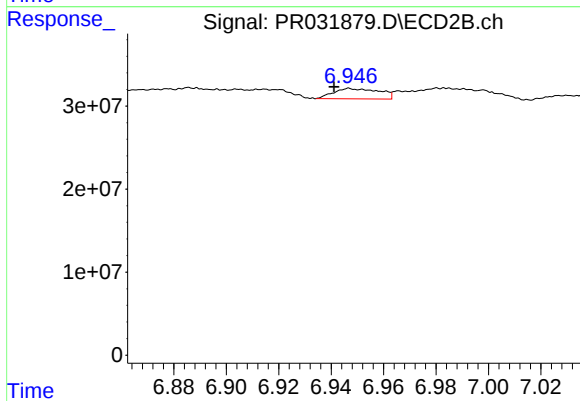
#33 AR-1260-3

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 450599
Conc: 0.13 ng/ml



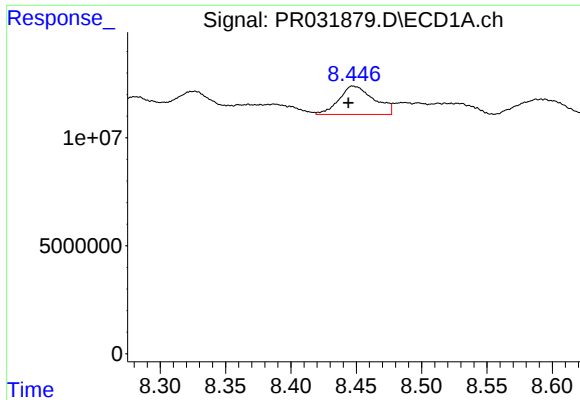
#34 AR-1260-4

R.T.: 8.116 min
Delta R.T.: -0.007 min
Response: 197854086
Conc: 118.65 ng/ml



#34 AR-1260-4

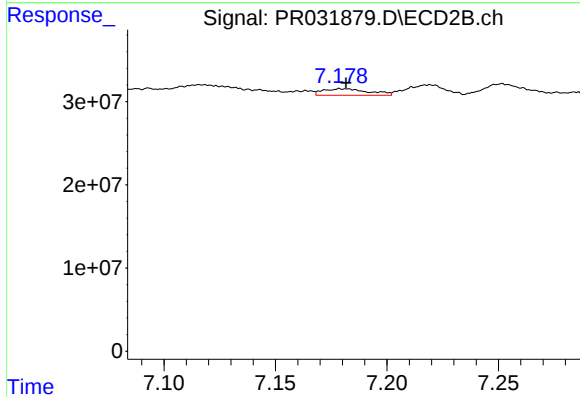
R.T.: 6.947 min
Delta R.T.: 0.006 min
Response: 14971455
Conc: 7.28 ng/ml



#35 AR-1260-5

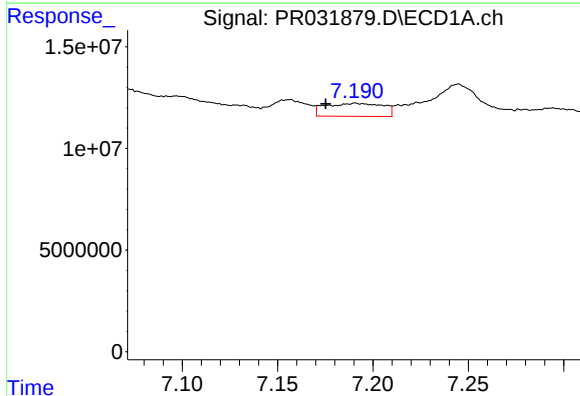
R.T.: 8.448 min
Delta R.T.: 0.004 min
Response: 24494878
Conc: 6.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



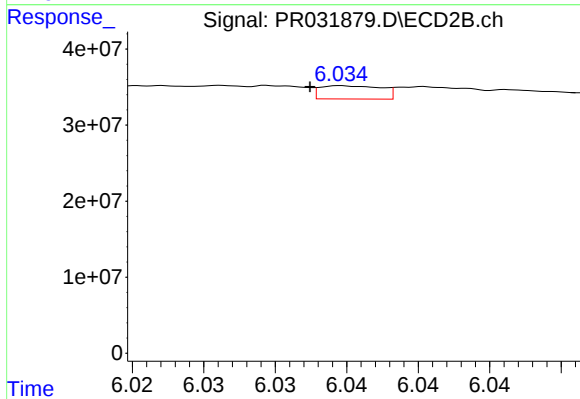
#35 AR-1260-5

R.T.: 7.179 min
Delta R.T.: -0.003 min
Response: 11043913
Conc: 2.53 ng/ml



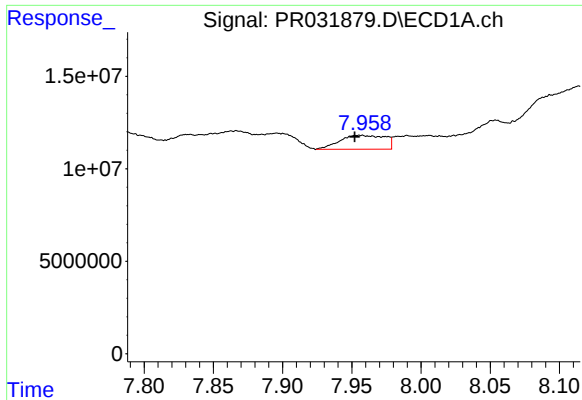
#36 AR-1262-1

R.T.: 7.191 min
Delta R.T.: 0.016 min
Response: 13485350
Conc: 15.93 ng/ml



#36 AR-1262-1

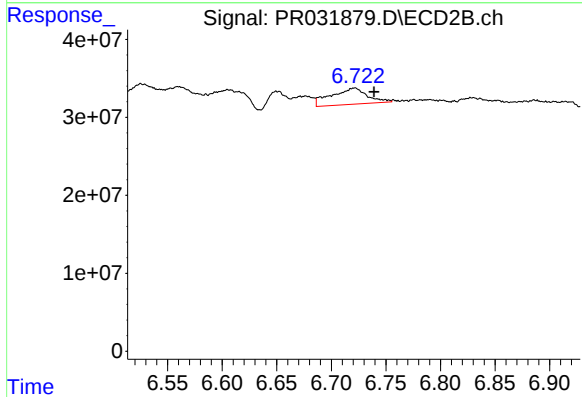
R.T.: 6.035 min
Delta R.T.: 0.003 min
Response: 5184626
Conc: 2.59 ng/ml



#37 AR-1262-2

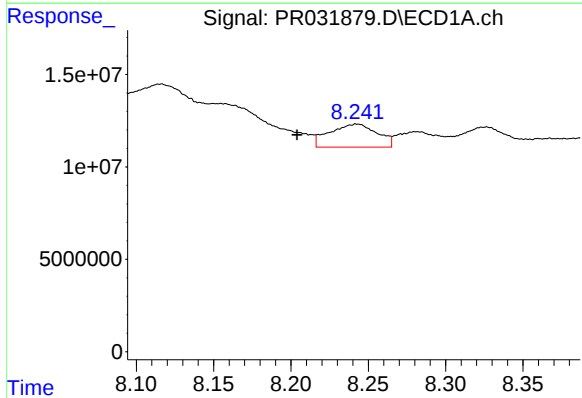
R.T.: 7.956 min
Delta R.T.: 0.004 min
Response: 17146984
Conc: 20.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



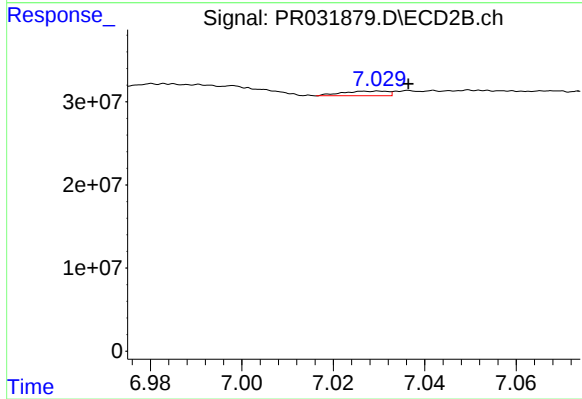
#37 AR-1262-2

R.T.: 6.722 min
Delta R.T.: -0.017 min
Response: 48276020
Conc: 32.10 ng/ml



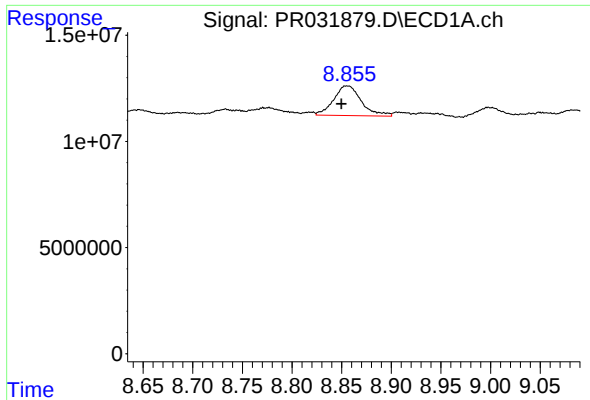
#38 AR-1262-3

R.T.: 8.243 min
Delta R.T.: 0.039 min
Response: 26617536
Conc: 35.35 ng/ml



#38 AR-1262-3

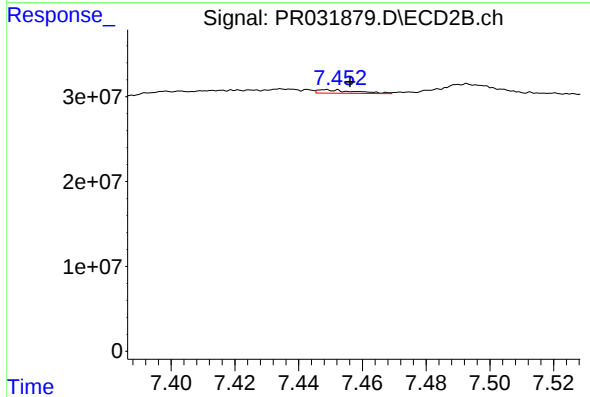
R.T.: 7.030 min
Delta R.T.: -0.006 min
Response: 3776700
Conc: 3.09 ng/ml



#39 AR-1262-4

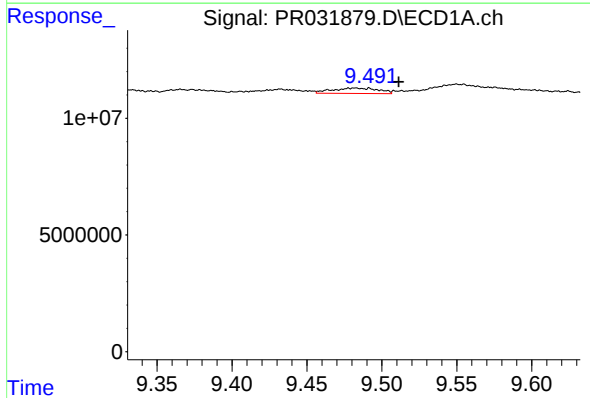
R.T.: 8.855 min
Delta R.T.: 0.006 min
Response: 27144959
Conc: 12.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



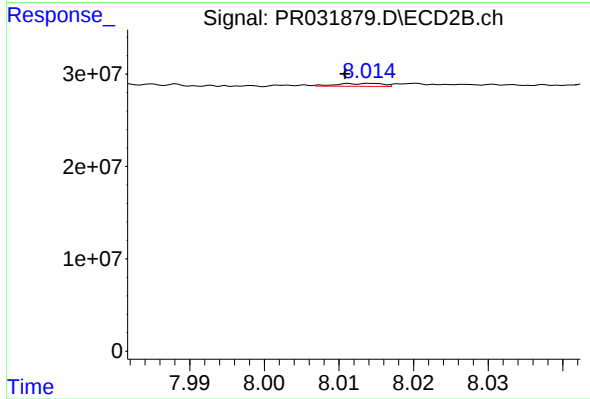
#39 AR-1262-4

R.T.: 7.448 min
Delta R.T.: -0.008 min
Response: 3364535
Conc: 2.01 ng/ml



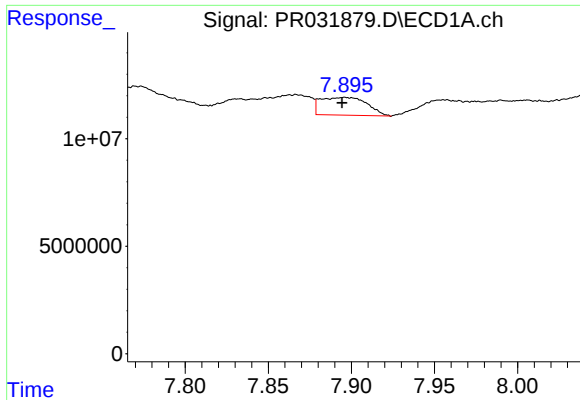
#40 AR-1262-5

R.T.: 9.482 min
Delta R.T.: -0.029 min
Response: 4948202
Conc: 3.24 ng/ml



#40 AR-1262-5

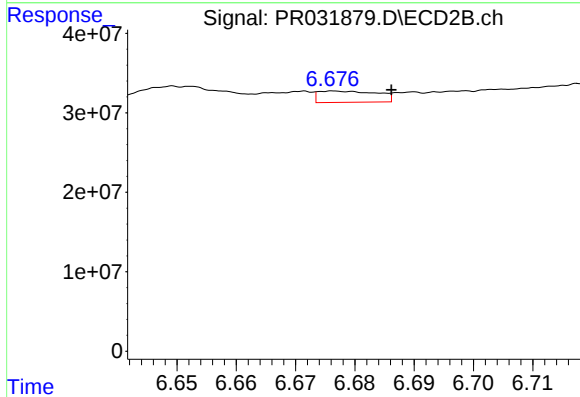
R.T.: 8.015 min
Delta R.T.: 0.004 min
Response: 1282362
Conc: 1.01 ng/ml



#41 AR-1268-1

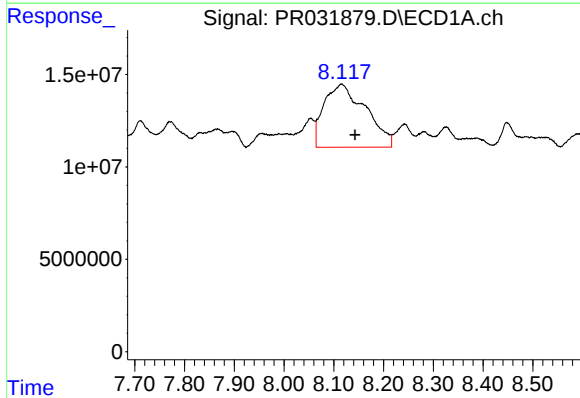
R.T.: 7.896 min
Delta R.T.: 0.001 min
Response: 16062294
Conc: 17.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



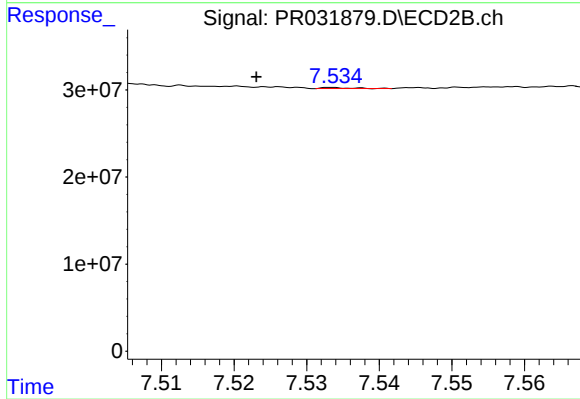
#41 AR-1268-1

R.T.: 6.677 min
Delta R.T.: -0.010 min
Response: 9815263
Conc: 6.01 ng/ml



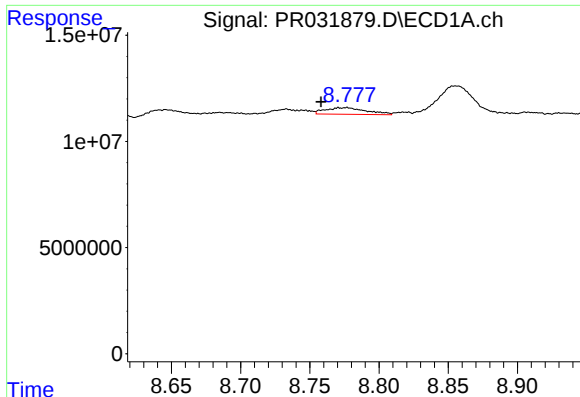
#42 AR-1268-2

R.T.: 8.116 min
Delta R.T.: -0.027 min
Response: 197854086
Conc: 157.40 ng/ml



#42 AR-1268-2

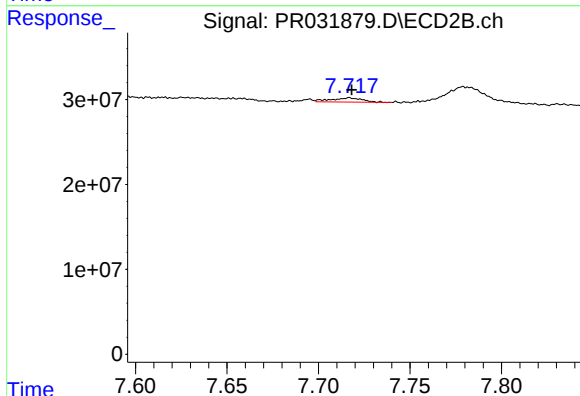
R.T.: 7.534 min
Delta R.T.: 0.011 min
Response: 318141
Conc: 0.08 ng/ml



#43 AR-1268-3

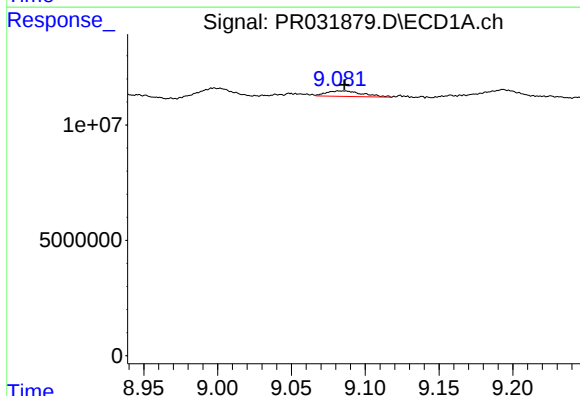
R.T.: 8.777 min
Delta R.T.: 0.019 min
Response: 6530201
Conc: 1.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



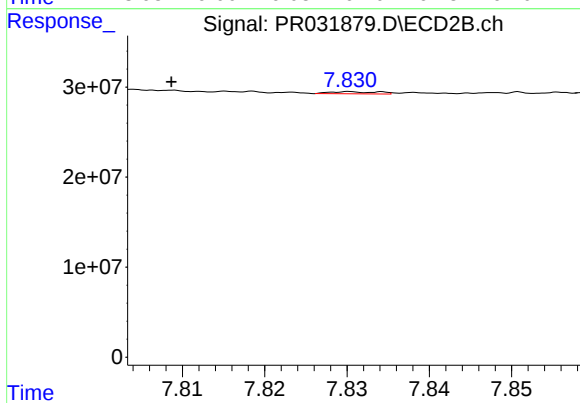
#43 AR-1268-3

R.T.: 7.717 min
Delta R.T.: -0.001 min
Response: 6012486
Conc: 1.74 ng/ml



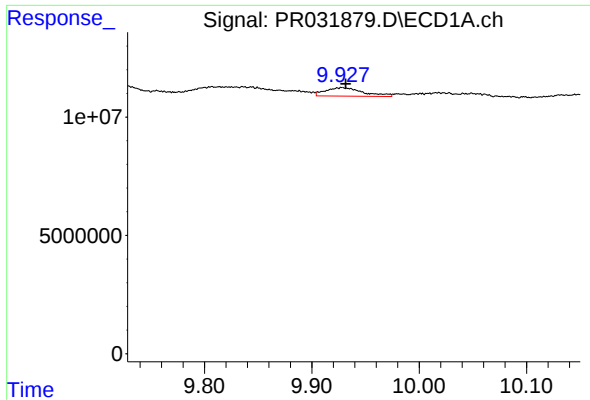
#44 AR-1268-4

R.T.: 9.085 min
Delta R.T.: 0.000 min
Response: 4144153
Conc: 0.94 ng/ml



#44 AR-1268-4

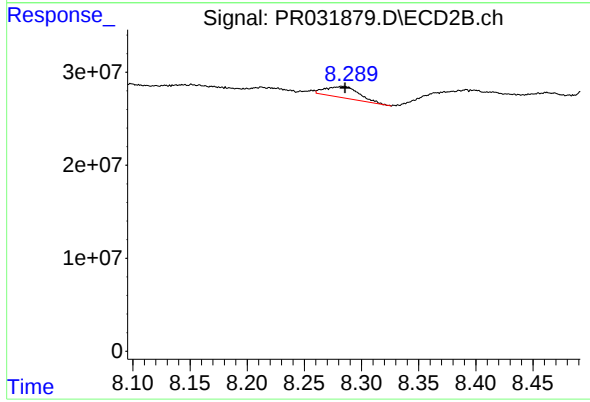
R.T.: 7.830 min
Delta R.T.: 0.022 min
Response: 887535
Conc: 0.90 ng/ml



#45 AR-1268-5

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 8638782
Conc: 0.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.282 min
Delta R.T.: -0.003 min
Response: 24417344
Conc: 2.56 ng/ml