

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091118\
 Data File : PR031973.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2018 12:36
 Operator : SM\SJ
 Sample : J4777-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 00:57:50 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...	4.526	3.658	419.6E6	874.3E6	21.401	23.713
2)	SA Decachlor...	10.270	8.517	416.1E6	221.0E6	12.935	8.442 #
Target Compounds							
3)	L1 AR-1016-1	5.222	4.344	1314507	19276376	2.444	17.612 #
4)	L1 AR-1016-2	5.475	4.703	12474194	10640047	22.054	6.240 #
5)	L1 AR-1016-3	5.706	4.731	1232574	12243195	1.396	4.222 #
6)	L1 AR-1016-4	5.746	4.775	6774846	2486748	8.650	1.338 #
7)	L1 AR-1016-5	6.123	5.168	1224300	13242817	1.827	7.672 #
8)	L2 AR-1221-1	0.000	3.883	0	293162	N.D.	0.718 #
9)	L2 AR-1221-2	4.829	3.951	4804990	8759615	27.048	28.068
10)	L2 AR-1221-3	4.908	4.017	15513327	16642972	27.958	16.124 #
11)	L3 AR-1232-1	5.706	4.529	1232574	1634765	2.349	2.930
12)	L3 AR-1232-2	5.845	4.609	16181456	6918197	60.022	36.646 #
13)	L3 AR-1232-3	5.983	5.000	7049266	10651006	89.758	18.341 #
14)	L3 AR-1232-4	6.366	5.284	6374346	3286546	77.615	4.503 #
15)	L3 AR-1232-5	7.245	5.871	3302170	85670605	60.702	772.808 #
16)	L4 AR-1242-1	5.222	4.344	1314507	19276376	4.939	32.890 #
17)	L4 AR-1242-2	5.983	4.897	7049266	13460950	14.365	11.074
18)	L4 AR-1242-3	6.256	5.000	2828699	10651006	11.457	24.651 #
19)	L4 AR-1242-4	6.256	5.387	2828699	4450527	15.775	10.781 #
20)	L4 AR-1242-5	6.299	5.743	1947402	122.2E6	3.089	130.497 #
21)	L5 AR-1248-1	5.956	4.933	3942043	27905736	4.906	15.903 #
22)	L5 AR-1248-2	6.546	5.493	19343807	65429148	22.848	17.857
23)	L5 AR-1248-3	6.546	5.520	19343807	6115505	16.949	2.338 #
24)	L5 AR-1248-4	6.594	5.685	2728729	287.6E6	2.533	107.708 #
25)	L5 AR-1248-5	6.816	6.021	94732070	72394576	130.796	42.930 #
26)	L6 AR-1254-1	6.756	5.627	24553713	29121109	12.642	7.659 #
27)	L6 AR-1254-2	7.013	5.932	35505714	15348197	29.124	5.198 #
28)	L6 AR-1254-3	7.118	6.244	40790743	11870469	18.617	2.653 #
29)	L6 AR-1254-4	7.398	6.552	13604657	5438338	7.808	2.560 #
30)	L6 AR-1254-5	7.664	6.649	11191341	41598834	8.613	10.927 #
31)	L7 AR-1260-1	7.278	6.142	40357868	55604384	25.892	15.072 #
32)	L7 AR-1260-2	7.531	6.330	49761551	38314051	24.990	8.551 #
33)	L7 AR-1260-3	7.816	6.476	67341134	27637142	28.920	7.847 #
34)	L7 AR-1260-4	8.131	6.936	77536338	24773251	46.496	12.050 #
35)	L7 AR-1260-5	8.440	7.179	55197926	69424258	14.714	15.903
36)	L8 AR-1262-1	7.174	6.021	8377940	72394576	9.898	36.183 #
37)	L8 AR-1262-2	7.953	6.737	29857026	21099894	35.061	14.028 #
38)	L8 AR-1262-3	8.201	7.035	18065896	65554622	23.990	53.697 #
39)	L8 AR-1262-4	8.830	7.453	39989345	27874236	18.814	16.643
40)	L8 AR-1262-5	9.505	8.010	51005523	9065645	33.388	7.162 #
41)	L9 AR-1268-1	7.891	6.683	23780788	23496293	26.068	14.396 #

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 ALS Vial : 5 Sample Multiplier: 1

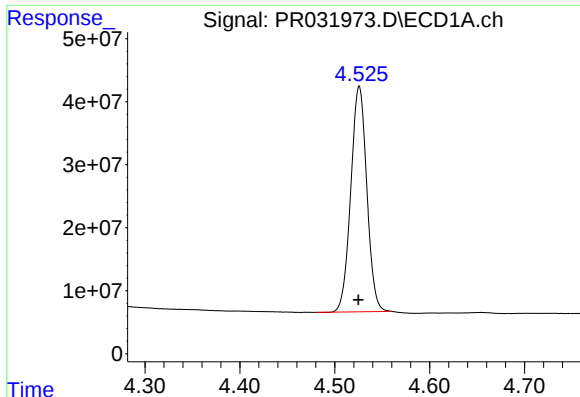
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 00:57:50 2018
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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	8.131	7.519	77536338	54219760	61.681	13.497 #
43) L9	AR-1268-3	8.763	7.714	19993267	10648464	3.602	3.090
44) L9	AR-1268-4	9.055	7.878	13569547	875165	3.073	0.883 #
45) L9	AR-1268-5	9.934	8.284	22527276	4748805	1.851	0.498 #

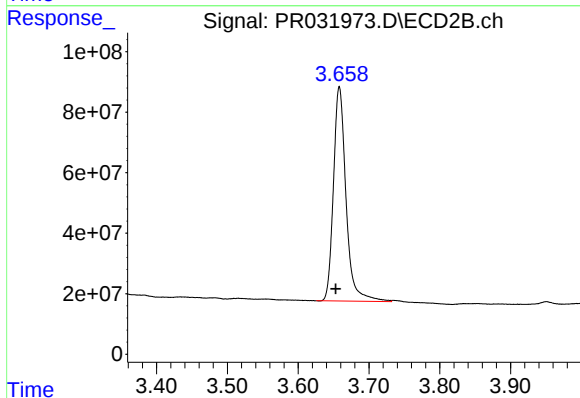
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

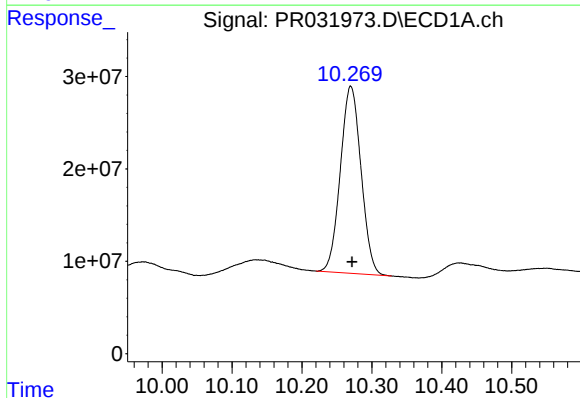
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 419571121
Conc: 21.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



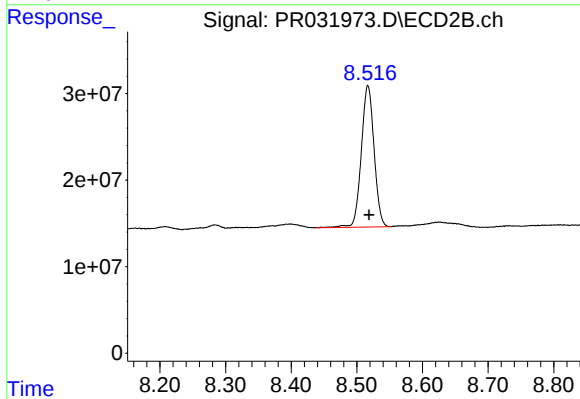
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: 0.005 min
Response: 874287048
Conc: 23.71 ng/ml



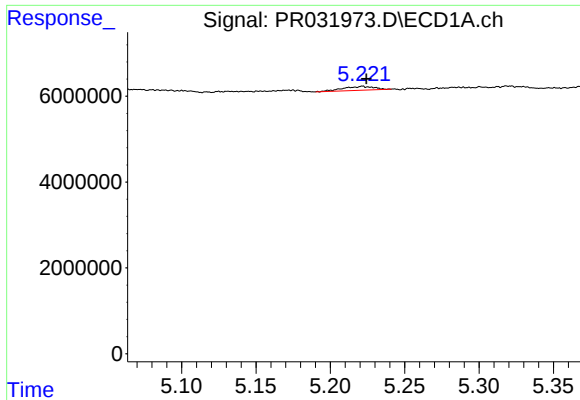
#2 Decachlorobiphenyl

R.T.: 10.270 min
Delta R.T.: -0.002 min
Response: 416053262
Conc: 12.93 ng/ml



#2 Decachlorobiphenyl

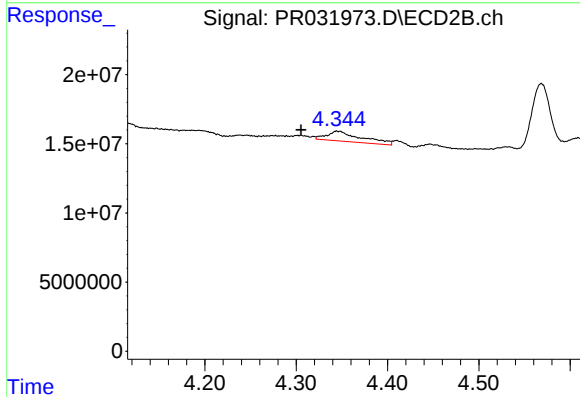
R.T.: 8.517 min
Delta R.T.: -0.001 min
Response: 221003802
Conc: 8.44 ng/ml



#3 AR-1016-1

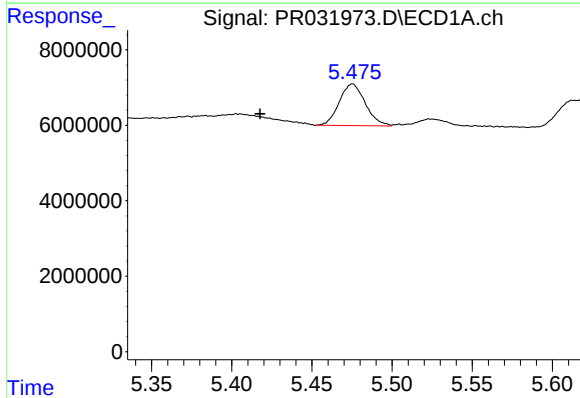
R.T.: 5.222 min
Delta R.T.: -0.003 min
Response: 1314507
Conc: 2.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



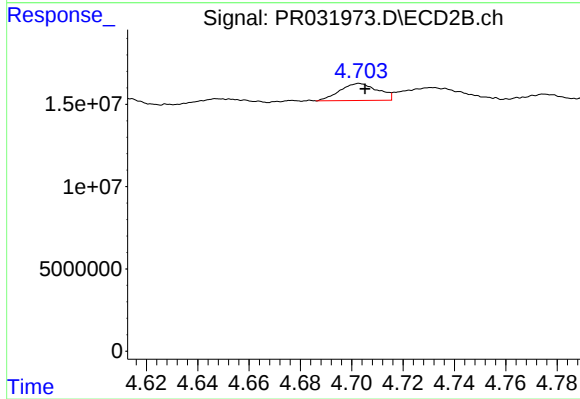
#3 AR-1016-1

R.T.: 4.344 min
Delta R.T.: 0.039 min
Response: 19276376
Conc: 17.61 ng/ml



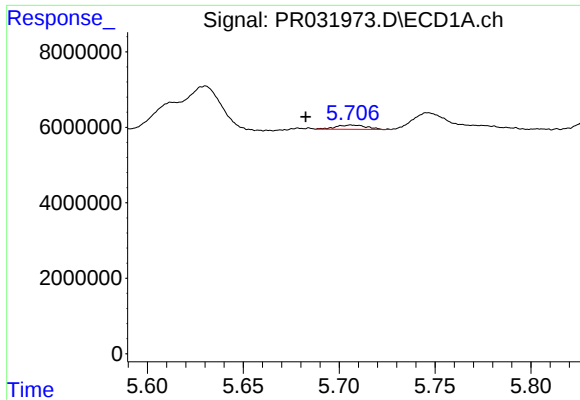
#4 AR-1016-2

R.T.: 5.475 min
Delta R.T.: 0.058 min
Response: 12474194
Conc: 22.05 ng/ml



#4 AR-1016-2

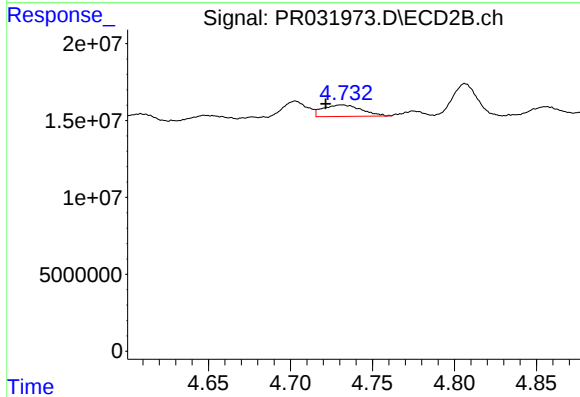
R.T.: 4.703 min
Delta R.T.: -0.002 min
Response: 10640047
Conc: 6.24 ng/ml



#5 AR-1016-3

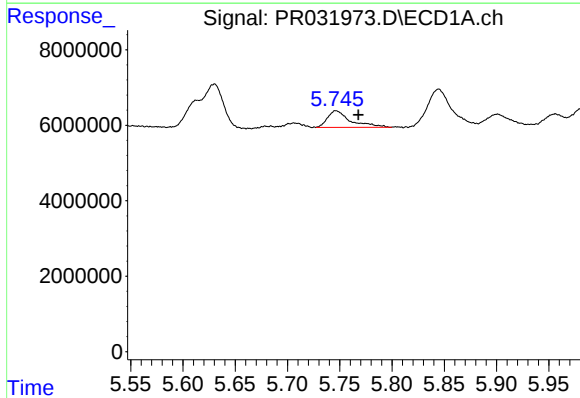
R.T.: 5.706 min
Delta R.T.: 0.024 min
Response: 1232574
Conc: 1.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



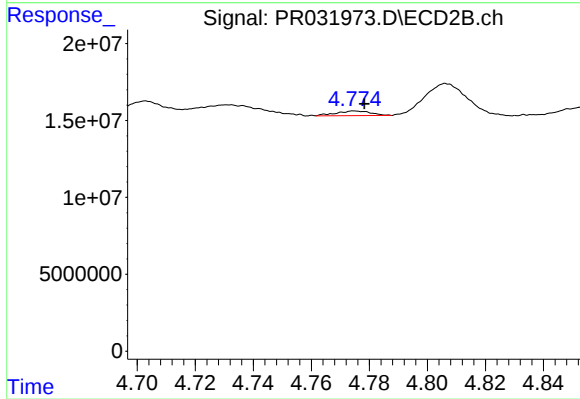
#5 AR-1016-3

R.T.: 4.731 min
Delta R.T.: 0.010 min
Response: 12243195
Conc: 4.22 ng/ml



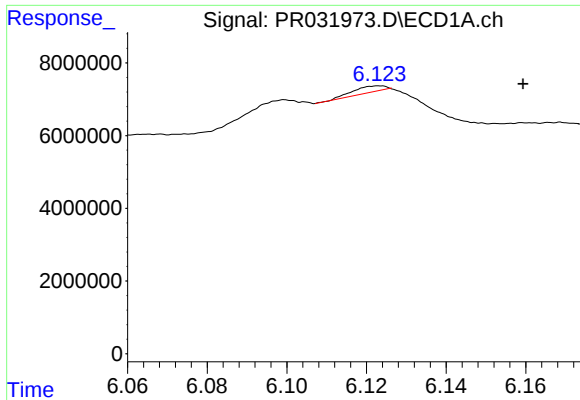
#6 AR-1016-4

R.T.: 5.746 min
Delta R.T.: -0.022 min
Response: 6774846
Conc: 8.65 ng/ml



#6 AR-1016-4

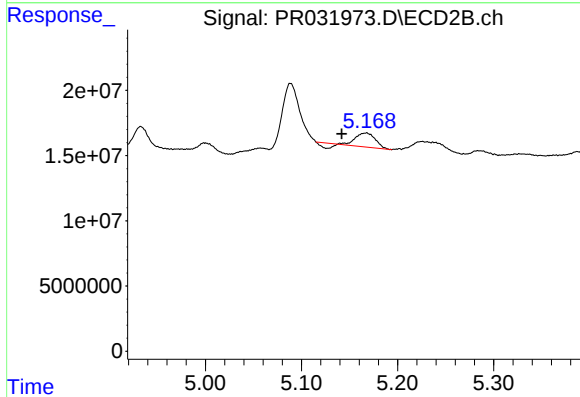
R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 2486748
Conc: 1.34 ng/ml



#7 AR-1016-5

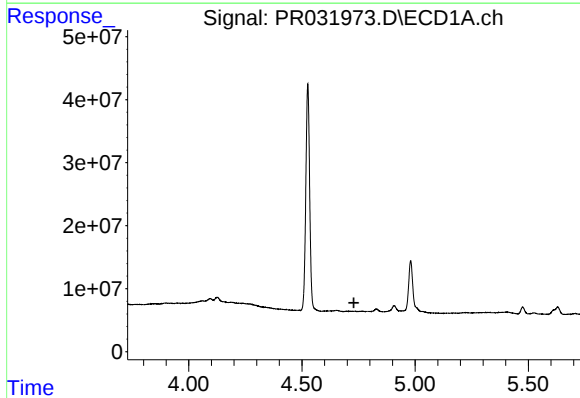
R.T.: 6.123 min
Delta R.T.: -0.036 min
Response: 1224300
Conc: 1.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



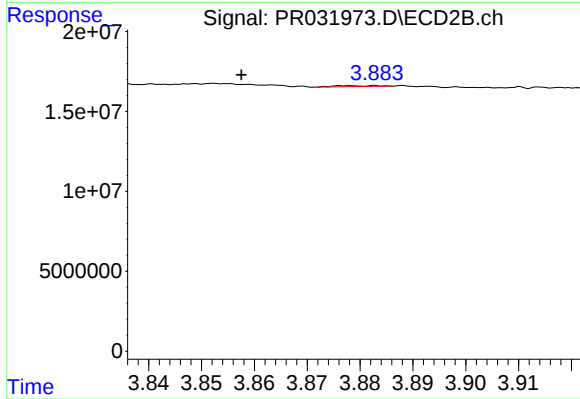
#7 AR-1016-5

R.T.: 5.168 min
Delta R.T.: 0.026 min
Response: 13242817
Conc: 7.67 ng/ml



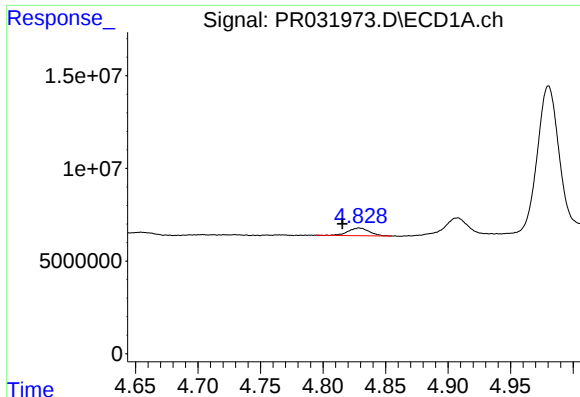
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.730 min
Response: 0
Conc: N.D.



#8 AR-1221-1

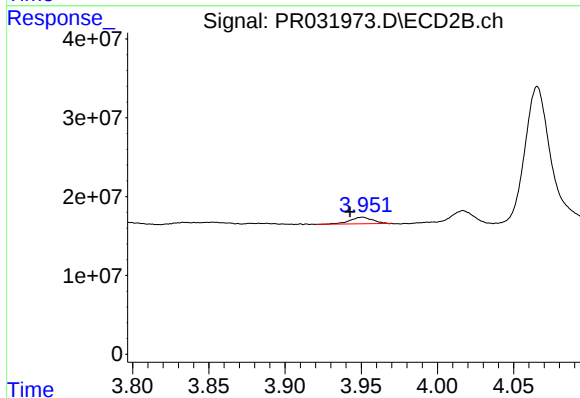
R.T.: 3.883 min
Delta R.T.: 0.025 min
Response: 293162
Conc: 0.72 ng/ml



#9 AR-1221-2

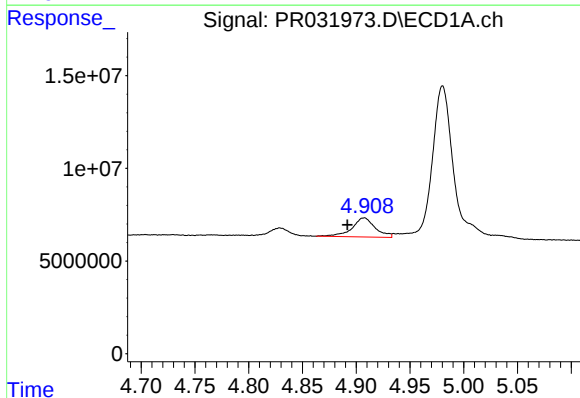
R.T.: 4.829 min
Delta R.T.: 0.013 min
Response: 4804990
Conc: 27.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



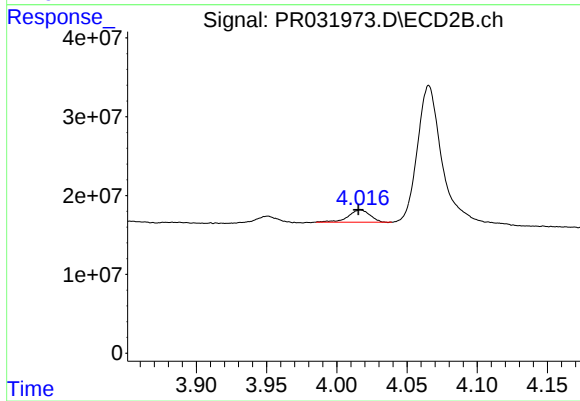
#9 AR-1221-2

R.T.: 3.951 min
Delta R.T.: 0.008 min
Response: 8759615
Conc: 28.07 ng/ml



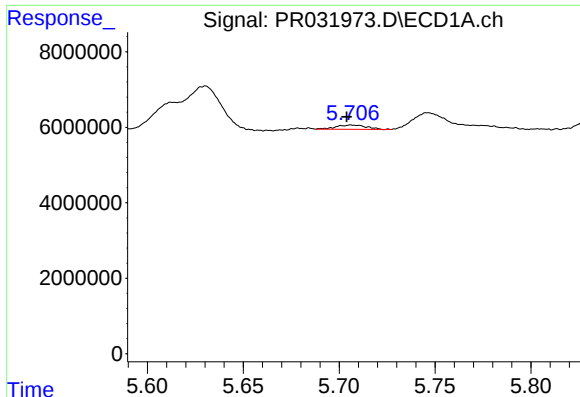
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: 0.016 min
Response: 15513327
Conc: 27.96 ng/ml



#10 AR-1221-3

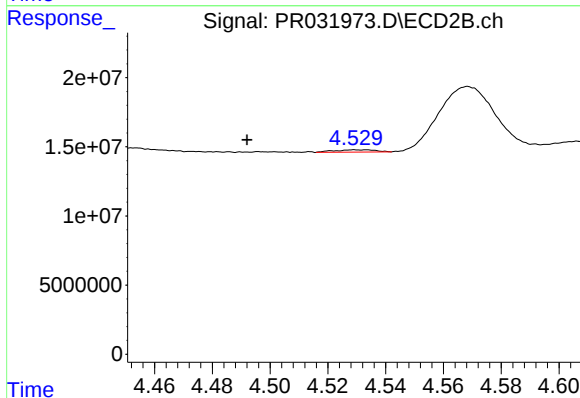
R.T.: 4.017 min
Delta R.T.: 0.001 min
Response: 16642972
Conc: 16.12 ng/ml



#11 AR-1232-1

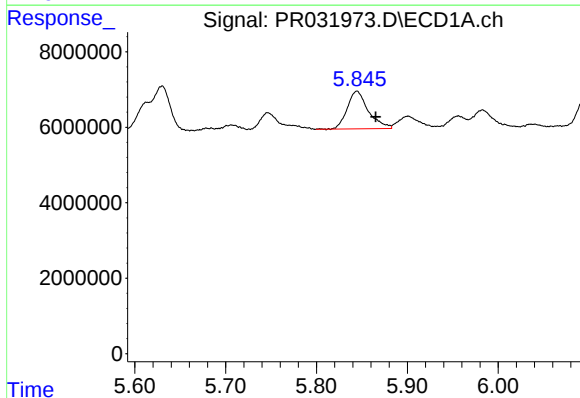
R.T.: 5.706 min
Delta R.T.: 0.002 min
Response: 1232574
Conc: 2.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



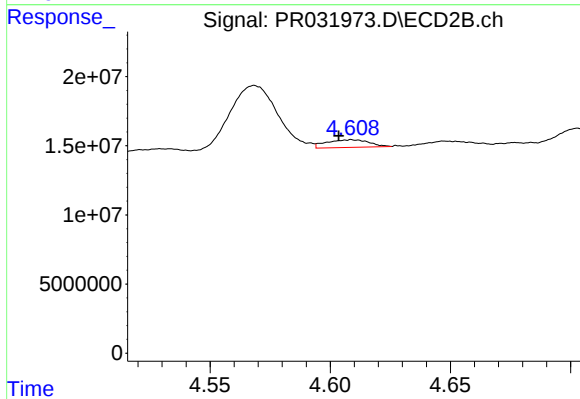
#11 AR-1232-1

R.T.: 4.529 min
Delta R.T.: 0.037 min
Response: 1634765
Conc: 2.93 ng/ml



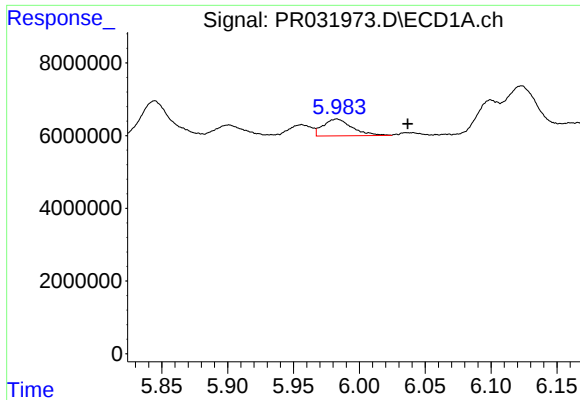
#12 AR-1232-2

R.T.: 5.845 min
Delta R.T.: -0.020 min
Response: 16181456
Conc: 60.02 ng/ml



#12 AR-1232-2

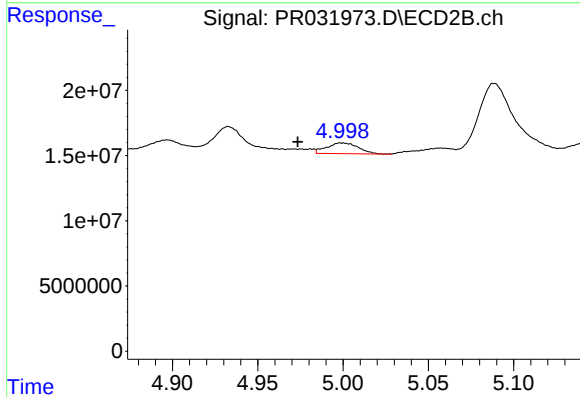
R.T.: 4.609 min
Delta R.T.: 0.005 min
Response: 6918197
Conc: 36.65 ng/ml



#13 AR-1232-3

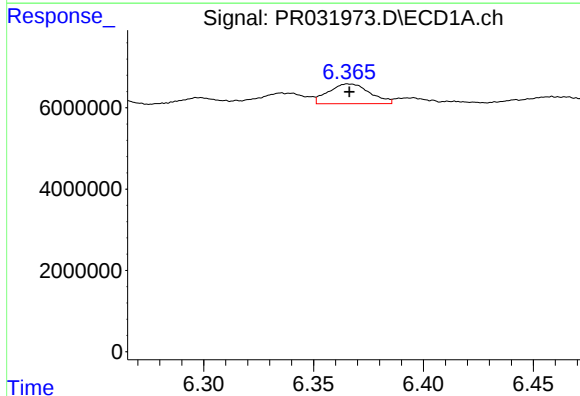
R.T.: 5.983 min
Delta R.T.: -0.054 min
Response: 7049266
Conc: 89.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



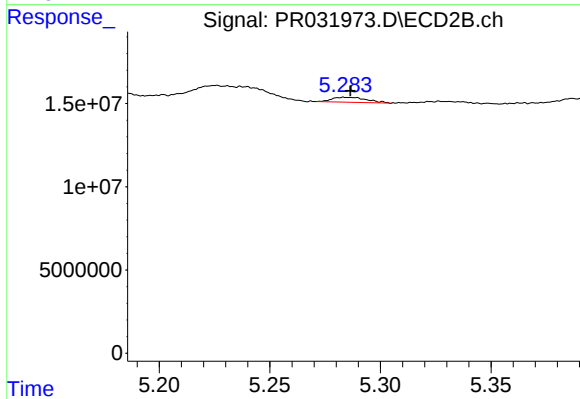
#13 AR-1232-3

R.T.: 5.000 min
Delta R.T.: 0.027 min
Response: 10651006
Conc: 18.34 ng/ml



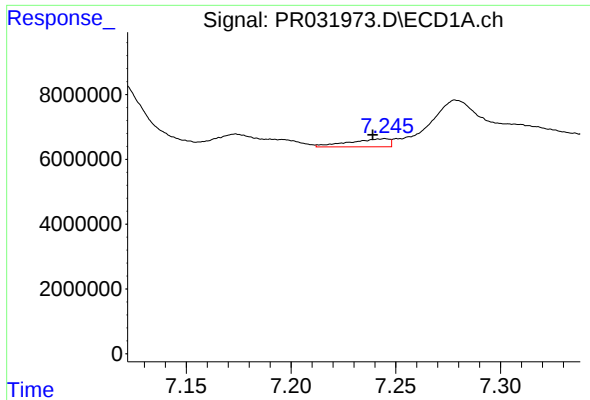
#14 AR-1232-4

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 6374346
Conc: 77.61 ng/ml



#14 AR-1232-4

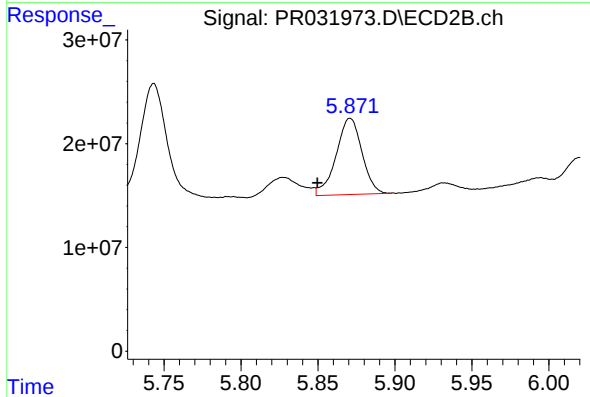
R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 3286546
Conc: 4.50 ng/ml



#15 AR-1232-5

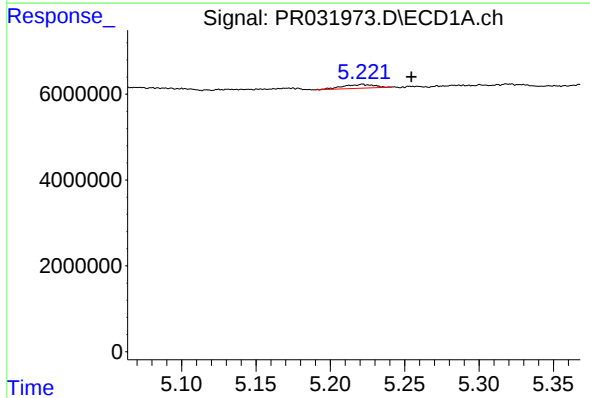
R.T.: 7.245 min
Delta R.T.: 0.006 min
Response: 3302170
Conc: 60.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



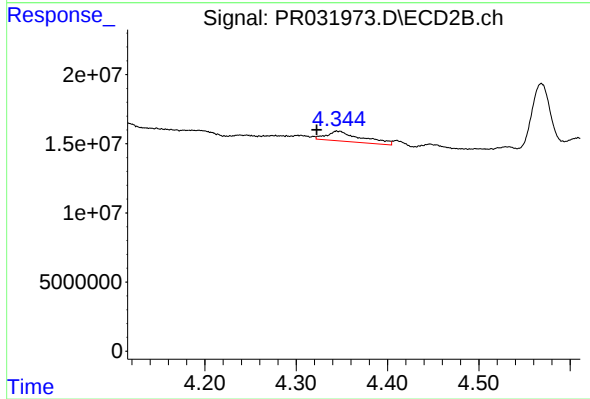
#15 AR-1232-5

R.T.: 5.871 min
Delta R.T.: 0.021 min
Response: 85670605
Conc: 772.81 ng/ml



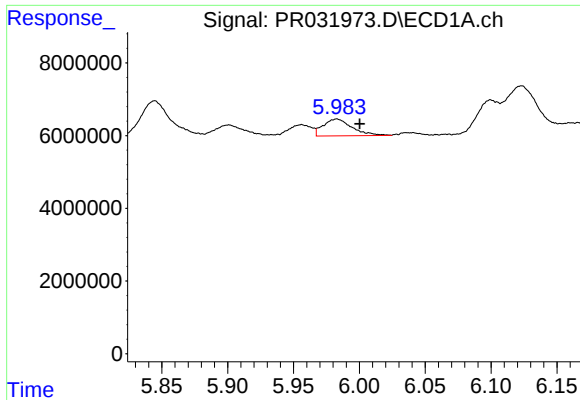
#16 AR-1242-1

R.T.: 5.222 min
Delta R.T.: -0.033 min
Response: 1314507
Conc: 4.94 ng/ml



#16 AR-1242-1

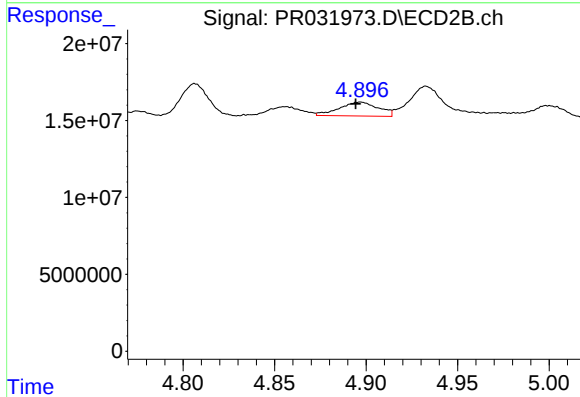
R.T.: 4.344 min
Delta R.T.: 0.022 min
Response: 19276376
Conc: 32.89 ng/ml



#17 AR-1242-2

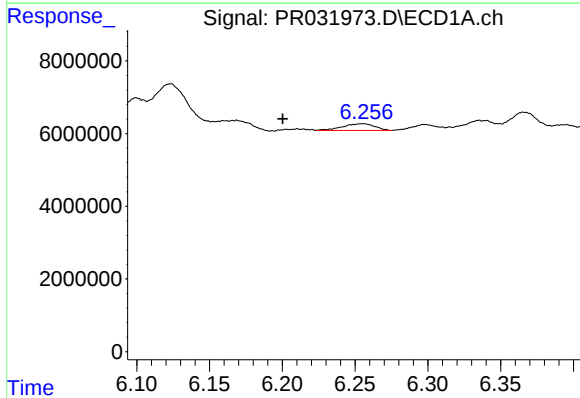
R.T.: 5.983 min
Delta R.T.: -0.017 min
Response: 7049266
Conc: 14.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



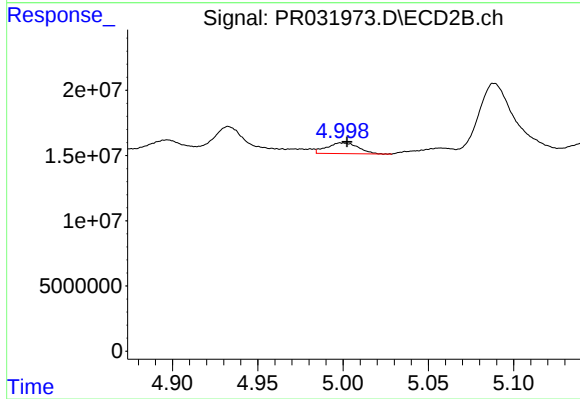
#17 AR-1242-2

R.T.: 4.897 min
Delta R.T.: 0.003 min
Response: 13460950
Conc: 11.07 ng/ml



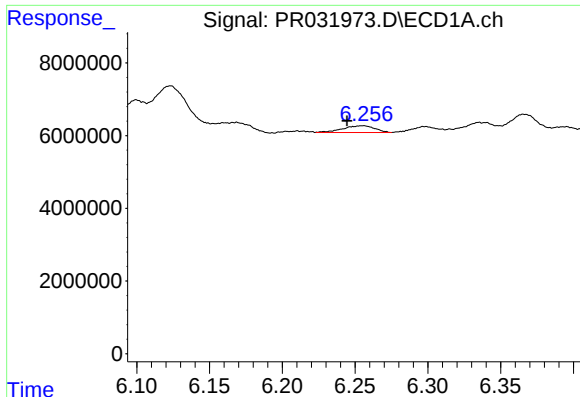
#18 AR-1242-3

R.T.: 6.256 min
Delta R.T.: 0.056 min
Response: 2828699
Conc: 11.46 ng/ml



#18 AR-1242-3

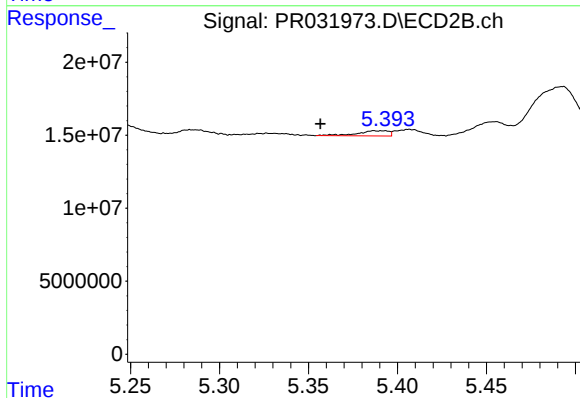
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 10651006
Conc: 24.65 ng/ml



#19 AR-1242-4

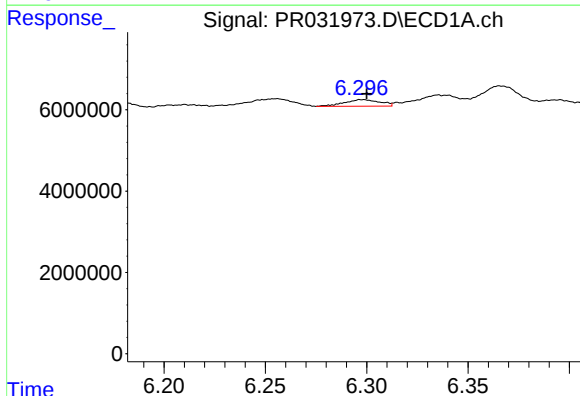
R.T.: 6.256 min
Delta R.T.: 0.012 min
Response: 2828699
Conc: 15.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



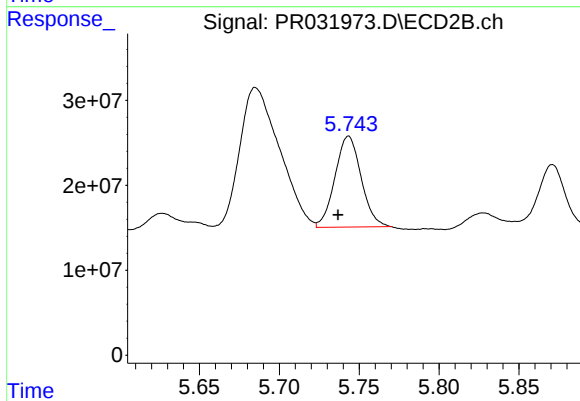
#19 AR-1242-4

R.T.: 5.387 min
Delta R.T.: 0.030 min
Response: 4450527
Conc: 10.78 ng/ml



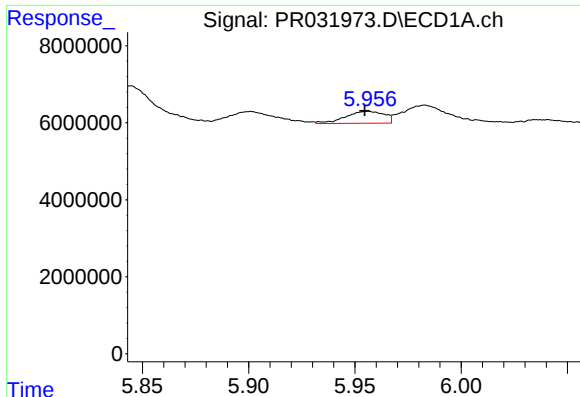
#20 AR-1242-5

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 1947402
Conc: 3.09 ng/ml



#20 AR-1242-5

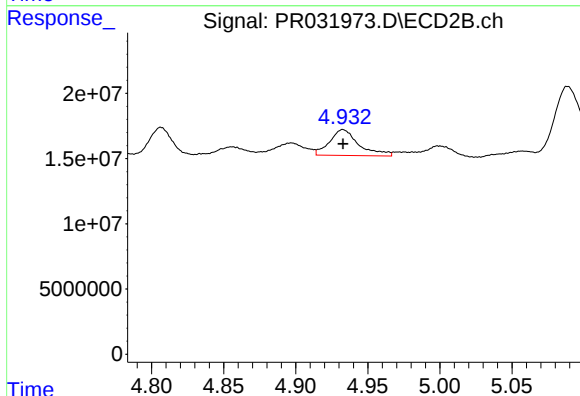
R.T.: 5.743 min
Delta R.T.: 0.007 min
Response: 122182017
Conc: 130.50 ng/ml



#21 AR-1248-1

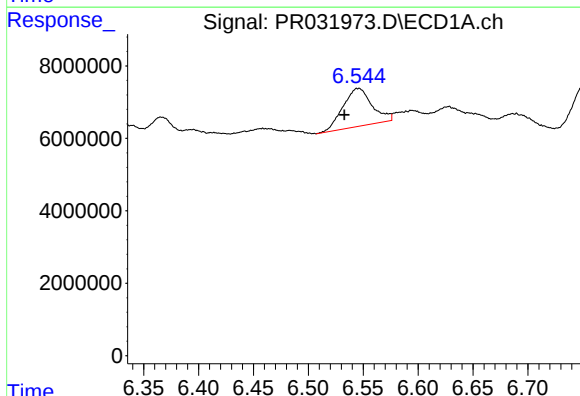
R.T.: 5.956 min
Delta R.T.: 0.002 min
Response: 3942043
Conc: 4.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



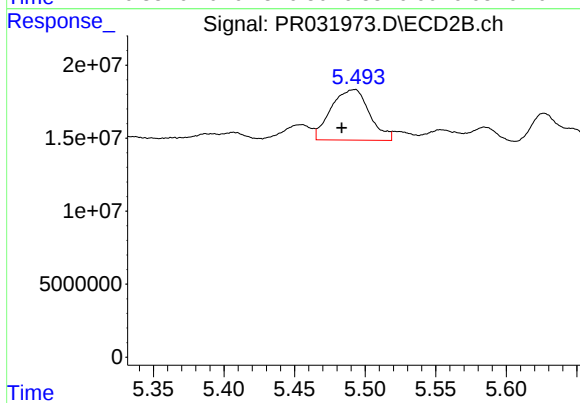
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 27905736
Conc: 15.90 ng/ml



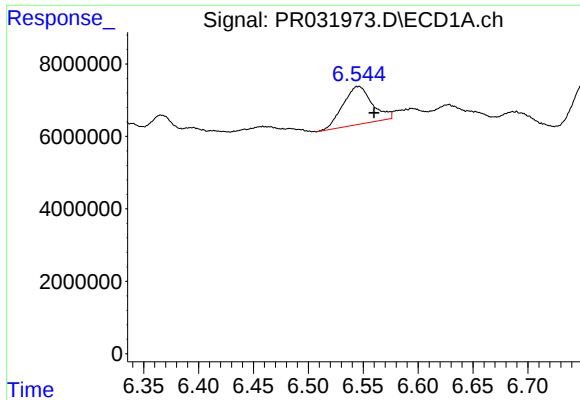
#22 AR-1248-2

R.T.: 6.546 min
Delta R.T.: 0.014 min
Response: 19343807
Conc: 22.85 ng/ml



#22 AR-1248-2

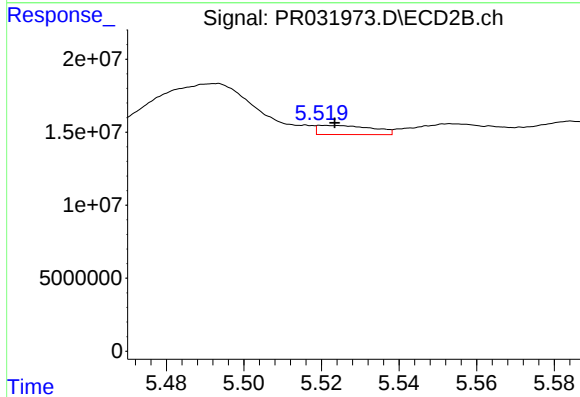
R.T.: 5.493 min
Delta R.T.: 0.010 min
Response: 65429148
Conc: 17.86 ng/ml



#23 AR-1248-3

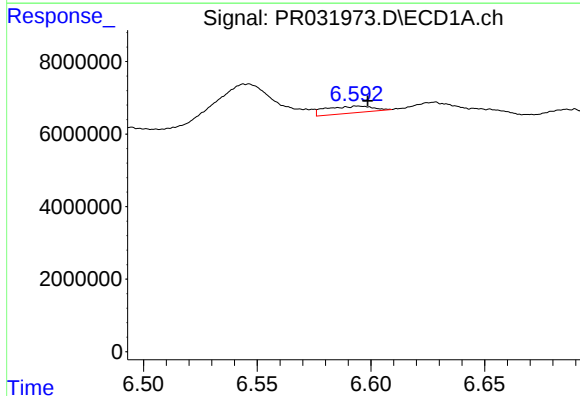
R.T.: 6.546 min
Delta R.T.: -0.013 min
Response: 19343807
Conc: 16.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



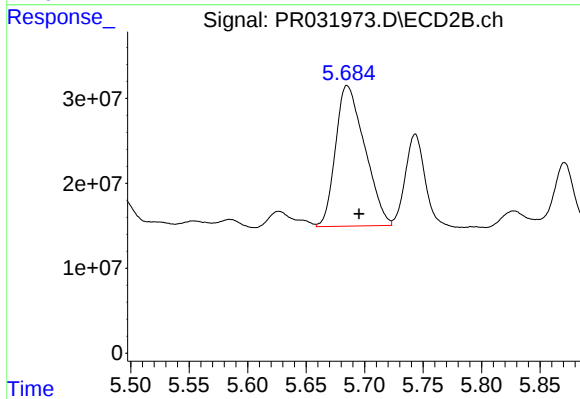
#23 AR-1248-3

R.T.: 5.520 min
Delta R.T.: -0.003 min
Response: 6115505
Conc: 2.34 ng/ml



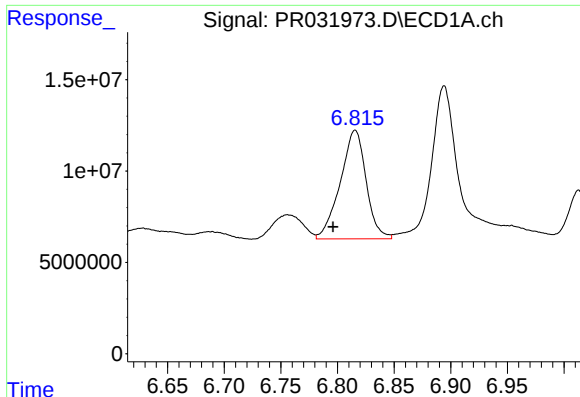
#24 AR-1248-4

R.T.: 6.594 min
Delta R.T.: -0.005 min
Response: 2728729
Conc: 2.53 ng/ml



#24 AR-1248-4

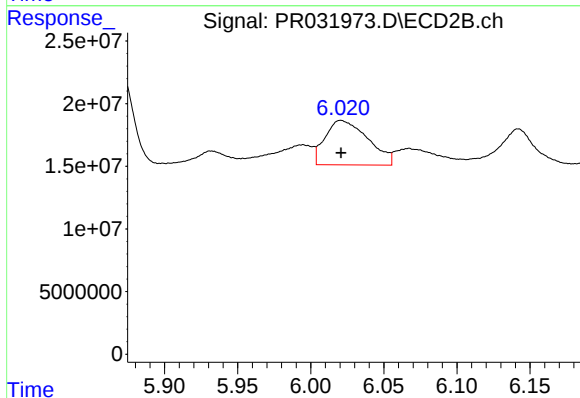
R.T.: 5.685 min
Delta R.T.: -0.010 min
Response: 287633527
Conc: 107.71 ng/ml



#25 AR-1248-5

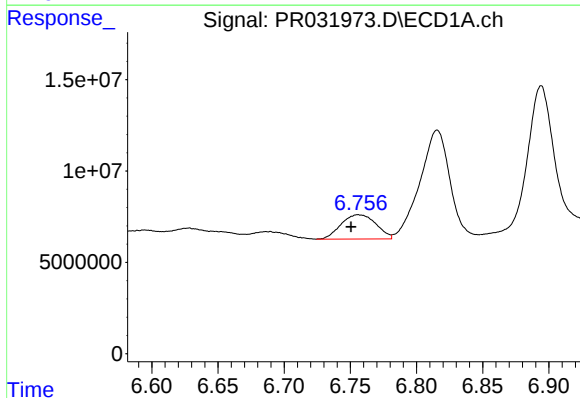
R.T.: 6.816 min
Delta R.T.: 0.020 min
Response: 94732070
Conc: 130.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



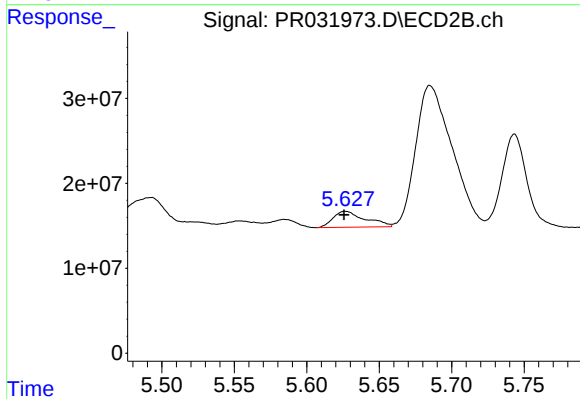
#25 AR-1248-5

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 72394576
Conc: 42.93 ng/ml



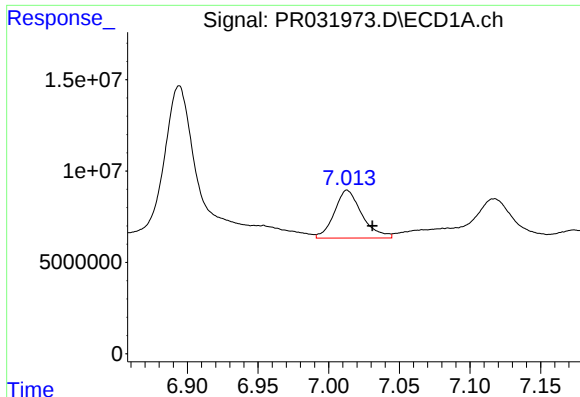
#26 AR-1254-1

R.T.: 6.756 min
Delta R.T.: 0.005 min
Response: 24553713
Conc: 12.64 ng/ml



#26 AR-1254-1

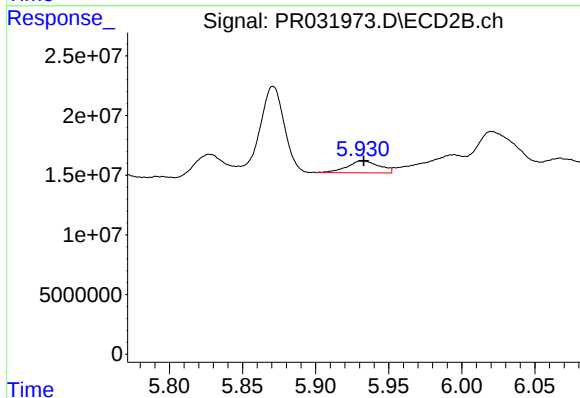
R.T.: 5.627 min
Delta R.T.: 0.001 min
Response: 29121109
Conc: 7.66 ng/ml



#27 AR-1254-2

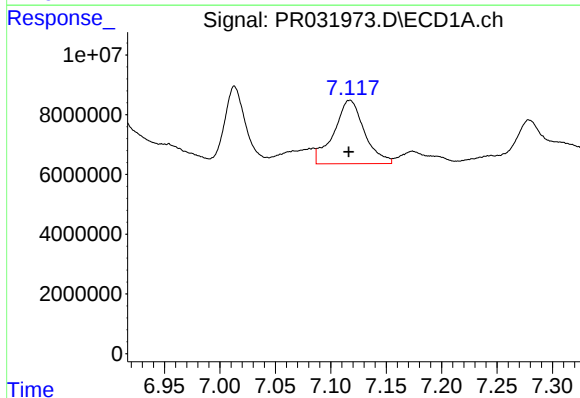
R.T.: 7.013 min
Delta R.T.: -0.018 min
Response: 35505714
Conc: 29.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



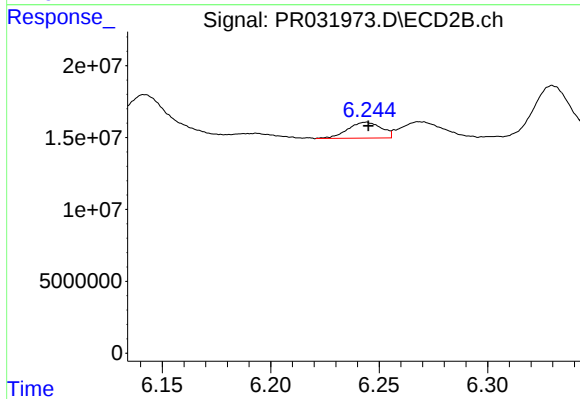
#27 AR-1254-2

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 15348197
Conc: 5.20 ng/ml



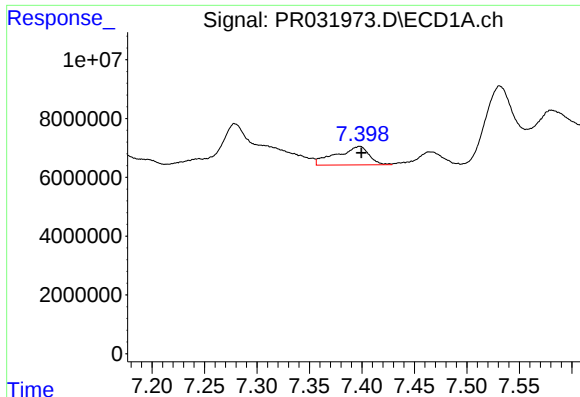
#28 AR-1254-3

R.T.: 7.118 min
Delta R.T.: 0.001 min
Response: 40790743
Conc: 18.62 ng/ml



#28 AR-1254-3

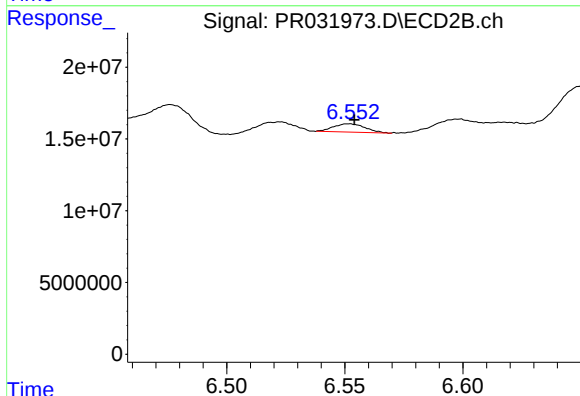
R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 11870469
Conc: 2.65 ng/ml



#29 AR-1254-4

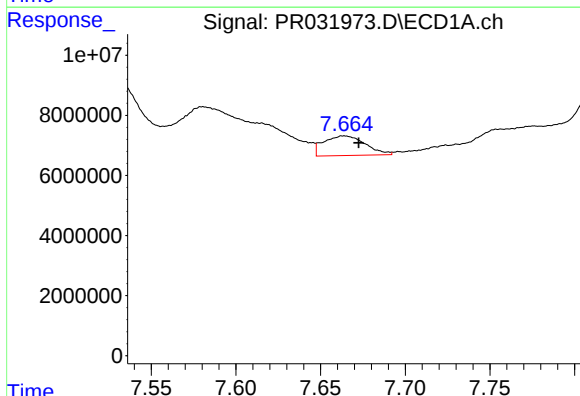
R.T.: 7.398 min
Delta R.T.: -0.001 min
Response: 13604657
Conc: 7.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



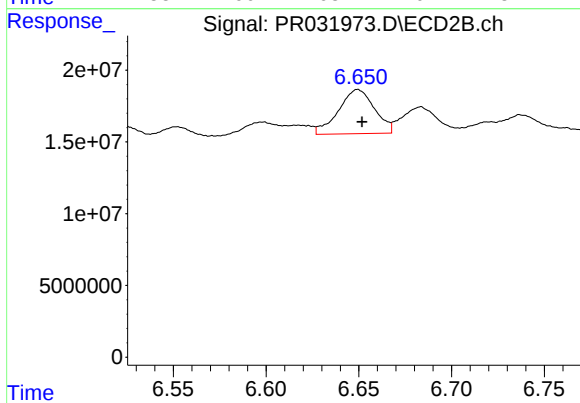
#29 AR-1254-4

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 5438338
Conc: 2.56 ng/ml



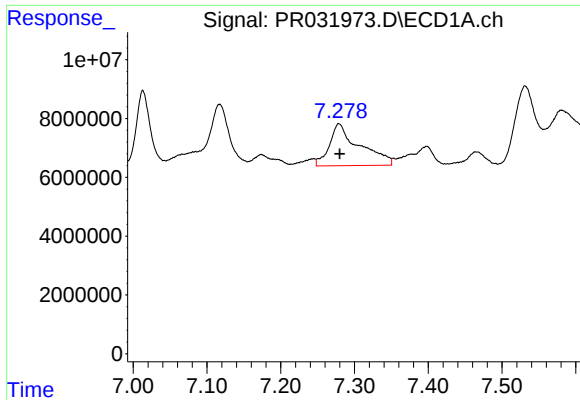
#30 AR-1254-5

R.T.: 7.664 min
Delta R.T.: -0.009 min
Response: 11191341
Conc: 8.61 ng/ml



#30 AR-1254-5

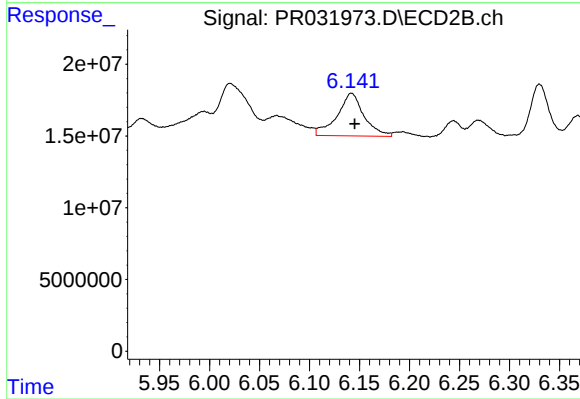
R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 41598834
Conc: 10.93 ng/ml



#31 AR-1260-1

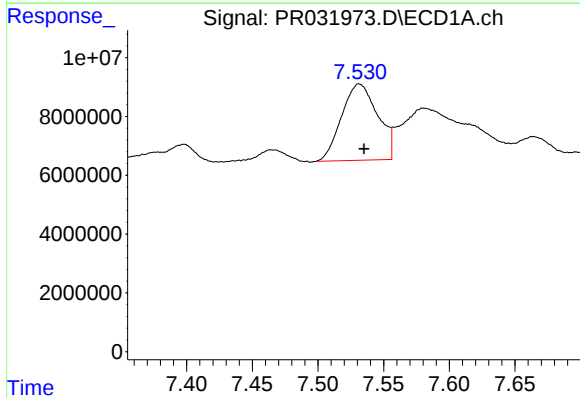
R.T.: 7.278 min
Delta R.T.: -0.002 min
Response: 40357868
Conc: 25.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



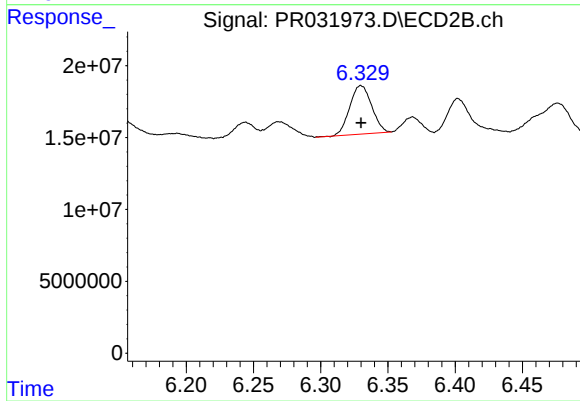
#31 AR-1260-1

R.T.: 6.142 min
Delta R.T.: -0.003 min
Response: 55604384
Conc: 15.07 ng/ml



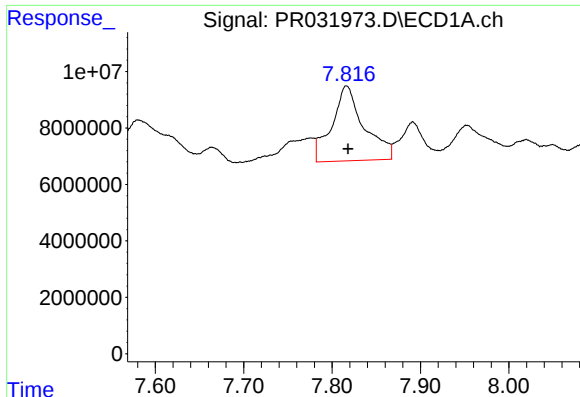
#32 AR-1260-2

R.T.: 7.531 min
Delta R.T.: -0.004 min
Response: 49761551
Conc: 24.99 ng/ml



#32 AR-1260-2

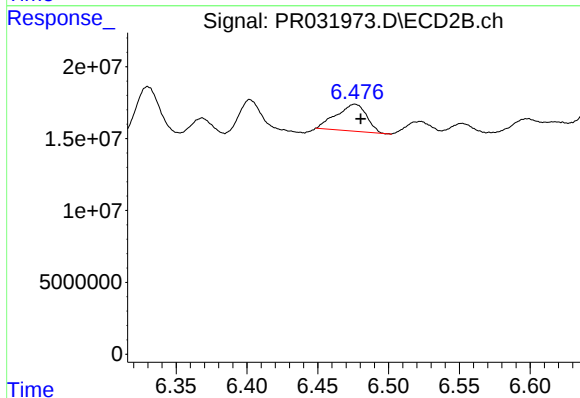
R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 38314051
Conc: 8.55 ng/ml



#33 AR-1260-3

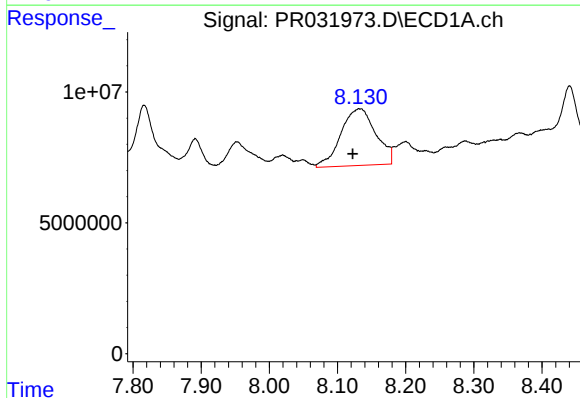
R.T.: 7.816 min
Delta R.T.: -0.002 min
Response: 67341134
Conc: 28.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



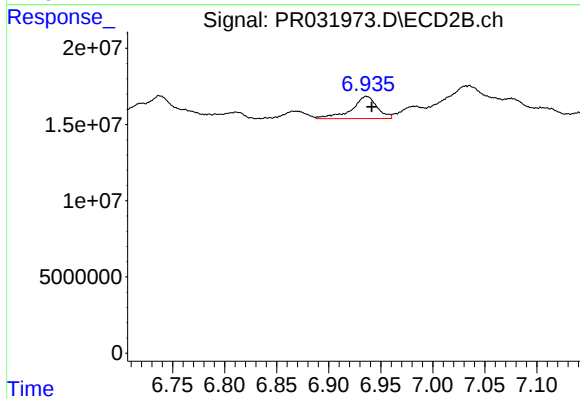
#33 AR-1260-3

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 27637142
Conc: 7.85 ng/ml



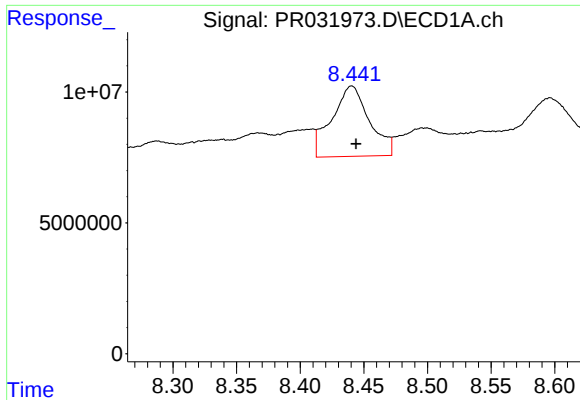
#34 AR-1260-4

R.T.: 8.131 min
Delta R.T.: 0.009 min
Response: 77536338
Conc: 46.50 ng/ml



#34 AR-1260-4

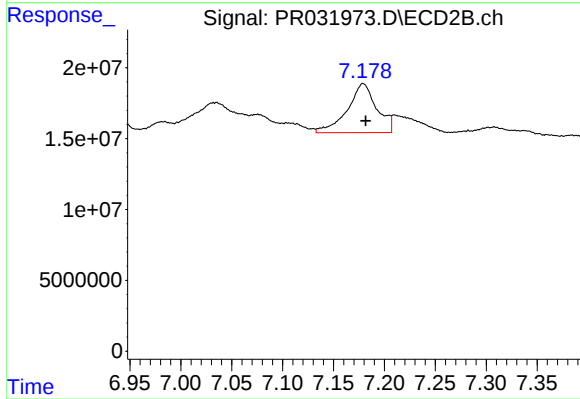
R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 24773251
Conc: 12.05 ng/ml



#35 AR-1260-5

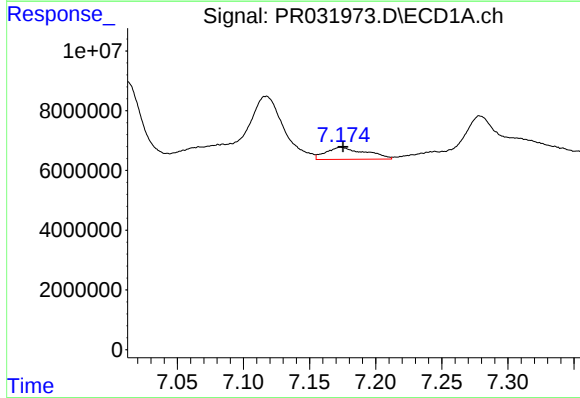
R.T.: 8.440 min
Delta R.T.: -0.004 min
Response: 55197926
Conc: 14.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



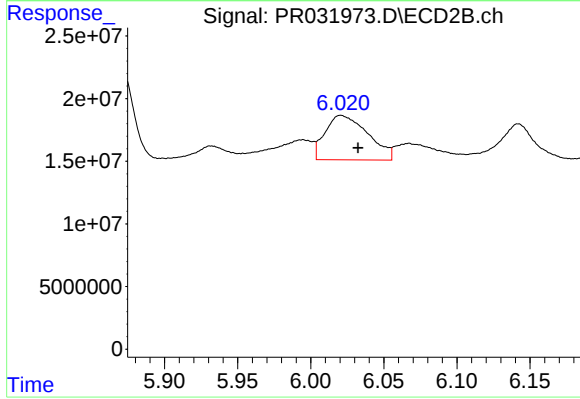
#35 AR-1260-5

R.T.: 7.179 min
Delta R.T.: -0.003 min
Response: 69424258
Conc: 15.90 ng/ml



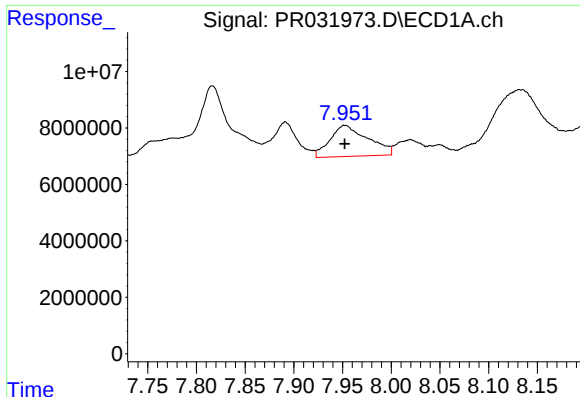
#36 AR-1262-1

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 8377940
Conc: 9.90 ng/ml



#36 AR-1262-1

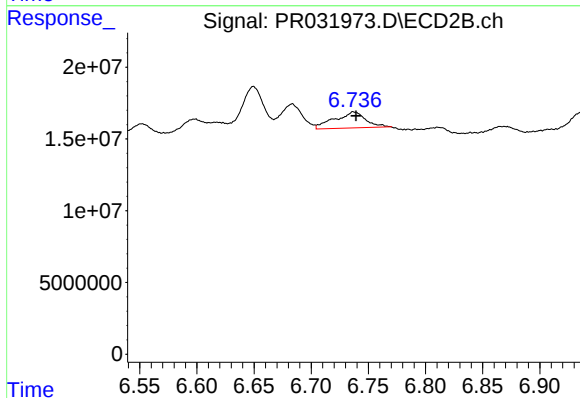
R.T.: 6.021 min
Delta R.T.: -0.012 min
Response: 72394576
Conc: 36.18 ng/ml



#37 AR-1262-2

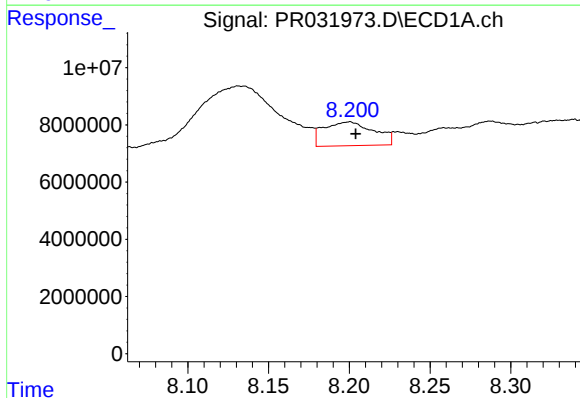
R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 29857026
Conc: 35.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



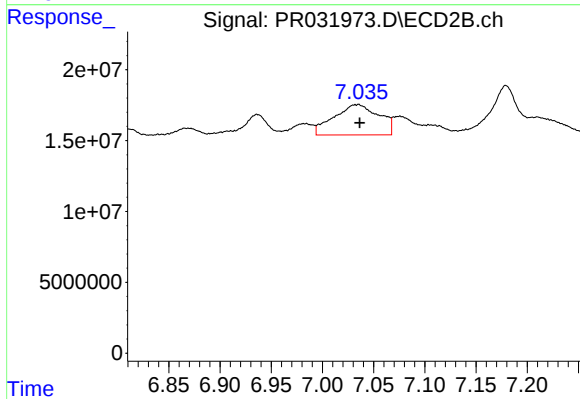
#37 AR-1262-2

R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 21099894
Conc: 14.03 ng/ml



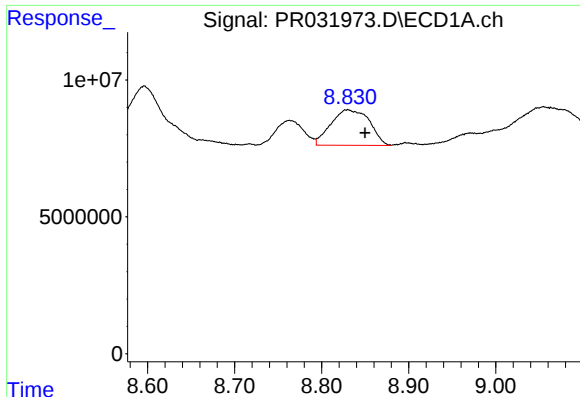
#38 AR-1262-3

R.T.: 8.201 min
Delta R.T.: -0.003 min
Response: 18065896
Conc: 23.99 ng/ml



#38 AR-1262-3

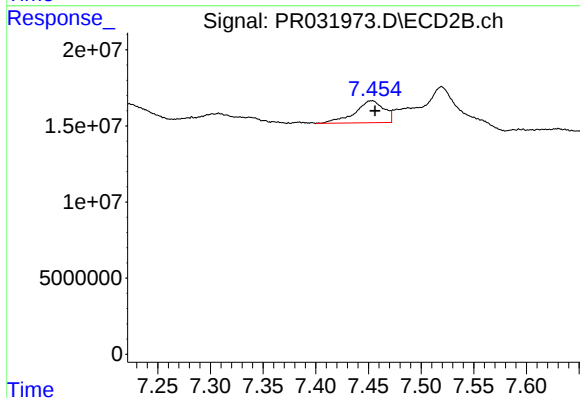
R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 65554622
Conc: 53.70 ng/ml



#39 AR-1262-4

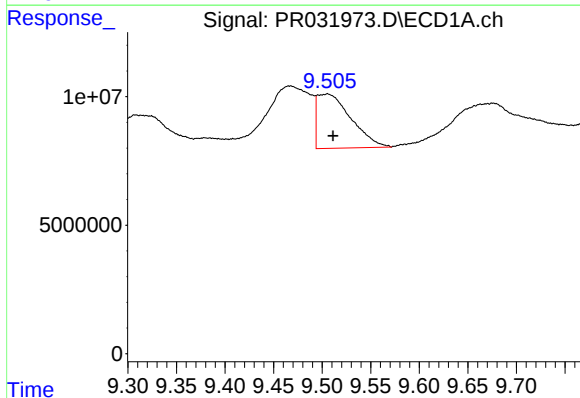
R.T.: 8.830 min
Delta R.T.: -0.019 min
Response: 39989345
Conc: 18.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



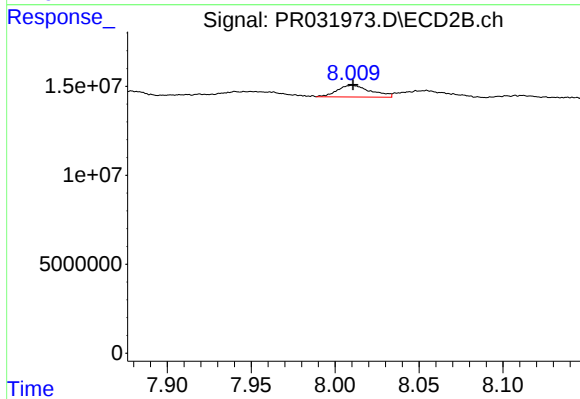
#39 AR-1262-4

R.T.: 7.453 min
Delta R.T.: -0.003 min
Response: 27874236
Conc: 16.64 ng/ml



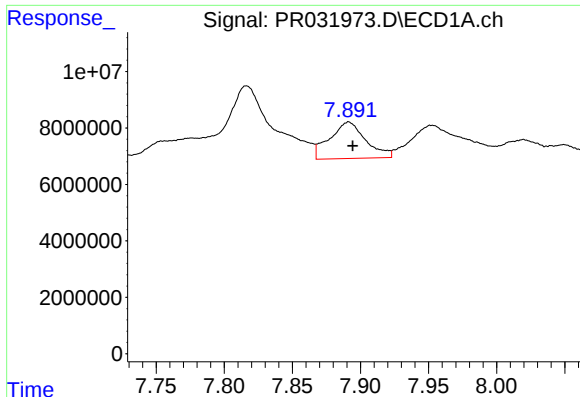
#40 AR-1262-5

R.T.: 9.505 min
Delta R.T.: -0.006 min
Response: 51005523
Conc: 33.39 ng/ml



#40 AR-1262-5

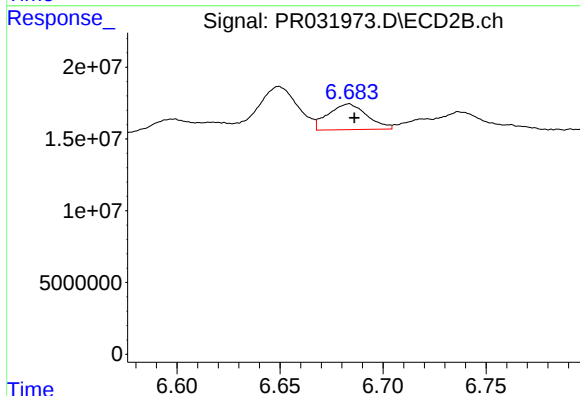
R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 9065645
Conc: 7.16 ng/ml



#41 AR-1268-1

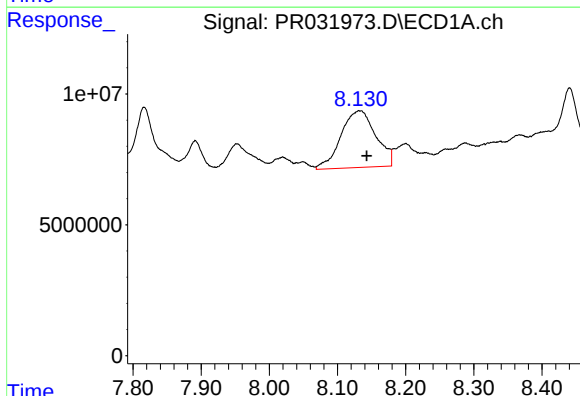
R.T.: 7.891 min
Delta R.T.: -0.003 min
Response: 23780788
Conc: 26.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



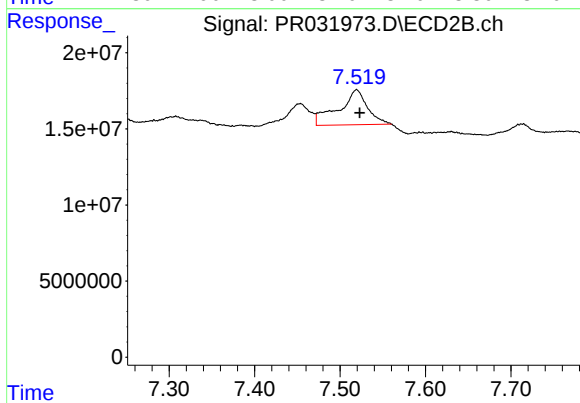
#41 AR-1268-1

R.T.: 6.683 min
Delta R.T.: -0.003 min
Response: 23496293
Conc: 14.40 ng/ml



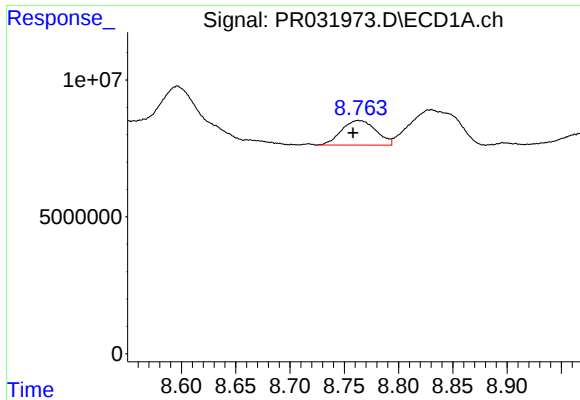
#42 AR-1268-2

R.T.: 8.131 min
Delta R.T.: -0.012 min
Response: 77536338
Conc: 61.68 ng/ml



#42 AR-1268-2

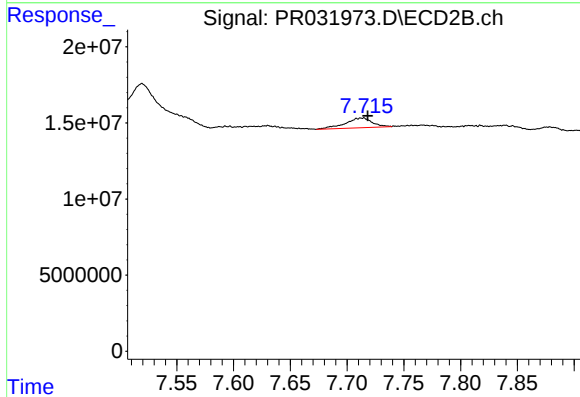
R.T.: 7.519 min
Delta R.T.: -0.004 min
Response: 54219760
Conc: 13.50 ng/ml



#43 AR-1268-3

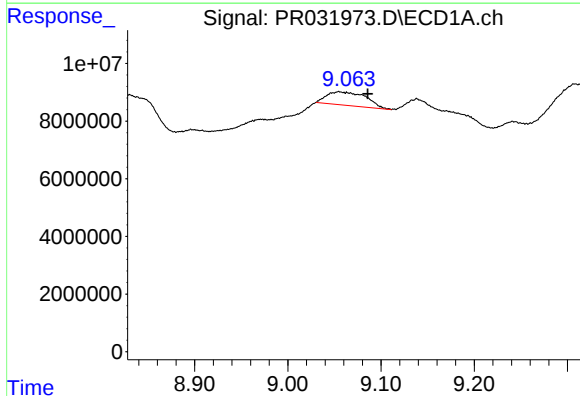
R.T.: 8.763 min
Delta R.T.: 0.005 min
Response: 19993267
Conc: 3.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



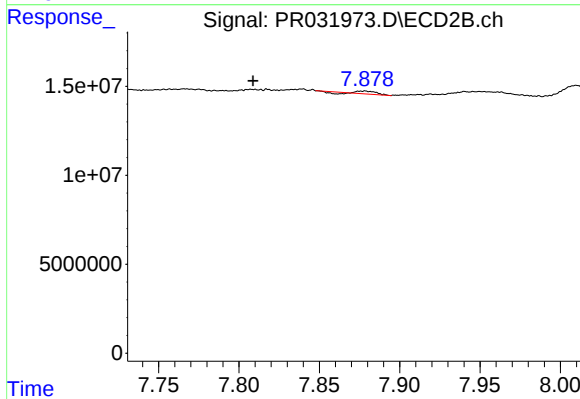
#43 AR-1268-3

R.T.: 7.714 min
Delta R.T.: -0.004 min
Response: 10648464
Conc: 3.09 ng/ml



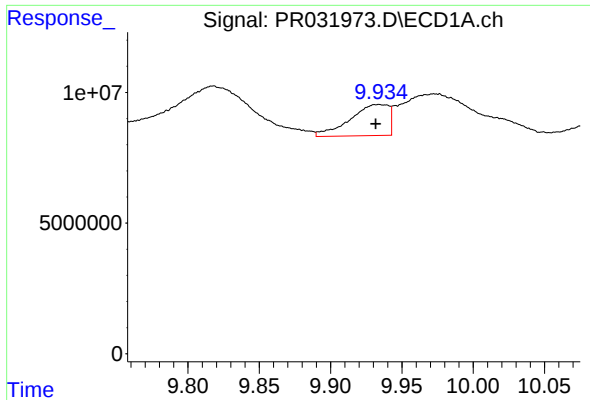
#44 AR-1268-4

R.T.: 9.055 min
Delta R.T.: -0.031 min
Response: 13569547
Conc: 3.07 ng/ml



#44 AR-1268-4

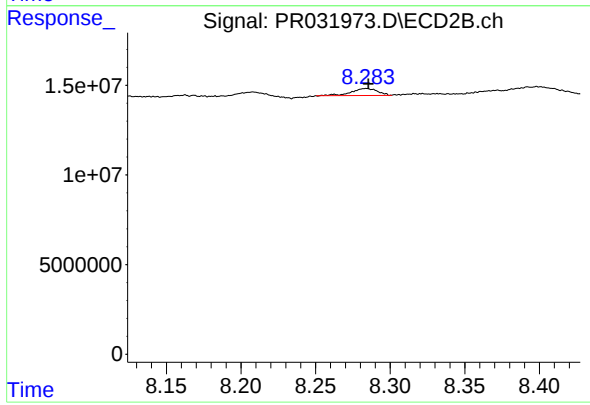
R.T.: 7.878 min
Delta R.T.: 0.070 min
Response: 875165
Conc: 0.88 ng/ml



#45 AR-1268-5

R.T.: 9.934 min
Delta R.T.: 0.002 min
Response: 22527276
Conc: 1.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.284 min
Delta R.T.: -0.002 min
Response: 4748805
Conc: 0.50 ng/ml