

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080418\
 Data File : PR031082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2018 17:56
 Operator : SM\MA
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 01:33:50 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080218CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 02 03:51:20 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.561	3.693	265.0E6	404.6E6	20.008	18.346
2)	SA Decachlor...	10.339	8.584	1289.0E6	799.1E6	38.925	40.203
Target Compounds							
3)	L1 AR-1016-1	5.261	4.348	124.6E6	236.2E6	333.018	339.541
4)	L1 AR-1016-2	5.455	4.752	128.6E6	346.3E6	347.049	317.122
5)	L1 AR-1016-3	5.721	4.768	203.6E6	661.9E6	335.276	366.324
6)	L1 AR-1016-4	5.805	4.825	180.8E6	394.6E6	338.186	326.335
7)	L1 AR-1016-5	6.197	5.190	172.2E6	374.3E6	365.285	340.892
8)	L2 AR-1221-1	4.761	3.899	13439764	24224844	70.391	73.813
9)	L2 AR-1221-2	4.851	3.985	17560747	33987208	140.145	143.628
10)	L2 AR-1221-3	4.928	4.059	83016502	146.9E6	177.179	189.699
11)	L3 AR-1232-1	5.744	4.537	296.4E6	276.9E6	739.952	770.919
12)	L3 AR-1232-2	5.904	4.768	157.1E6	661.9E6	746.231	737.621
13)	L3 AR-1232-3	5.993	5.021	132.8E6	329.9E6	780.911	753.592
14)	L3 AR-1232-4	6.571	5.335	140.8E6	432.4E6	721.493	1174.941 #
15)	L3 AR-1232-5	6.637	5.574	195.3E6	370.5E6	736.505	680.990
16)	L4 AR-1242-1	5.292	4.367	69195855	152.6E6	383.069	404.578
17)	L4 AR-1242-2	6.038	4.942	140.2E6	317.2E6	405.689	412.896
18)	L4 AR-1242-3	6.238	4.980	77032453	259.9E6	417.764	394.592
19)	L4 AR-1242-4	6.282	5.747	58392868	381.2E6	458.723	382.196
20)	L4 AR-1242-5	6.338	5.789	190.6E6	260.7E6	420.861	384.264
21)	L5 AR-1248-1	5.993	4.980	132.8E6	259.9E6	190.891	182.079
22)	L5 AR-1248-2	6.571	5.534	140.8E6	452.6E6	184.031	149.174
23)	L5 AR-1248-3	6.598	5.574	195.2E6	370.5E6	183.984	168.676
24)	L5 AR-1248-4	6.637	5.747	195.3E6	381.2E6	197.219	193.516
25)	L5 AR-1248-5	6.833	6.073	133.4E6	184.5E6	198.362	119.249 #
26)	L6 AR-1254-1	6.794	5.676	175.1E6	105.4E6	115.183	39.192 #
27)	L6 AR-1254-2	7.069	5.985	51423530	127.0E6	55.324	56.919
28)	L6 AR-1254-3	7.156	6.298	79929190	155.6E6	46.753	43.810
29)	L6 AR-1254-4	7.439	6.609	72106477	121.9E6	47.840	65.832 #
30)	L6 AR-1254-5	7.713	6.706	62368520	35722409	57.999	10.331 #
31)	L7 AR-1260-1	7.321	6.196	11801053	44881040	10.164	17.031 #
32)	L7 AR-1260-2	7.570	6.386	20368837	41809219	12.066	12.763
33)	L7 AR-1260-3	7.857	6.533	21501378	17736398	11.177	6.520 #
34)	L7 AR-1260-4	8.149	6.998	8979487	1621023	6.409	0.938 #
35)	L7 AR-1260-5	8.487	7.221	4642776	18701115	1.327	5.044 #
36)	L8 AR-1262-1	7.211	6.073	5846802	184.5E6	6.449	95.980 #
37)	L8 AR-1262-2	7.994	6.795	2393658	1287343	2.600	0.735 #
38)	L8 AR-1262-3	8.245	7.094	1531508	1235986	1.927	0.925 #
39)	L8 AR-1262-4	8.883	7.508	483389	503088	0.201	0.248
40)	L8 AR-1262-5	9.558	8.062	1747377	1958807	0.995	1.415 #
41)	L9 AR-1268-1	7.920	6.730	3550462	5568239	3.917	3.390

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Integrator: ChemStation

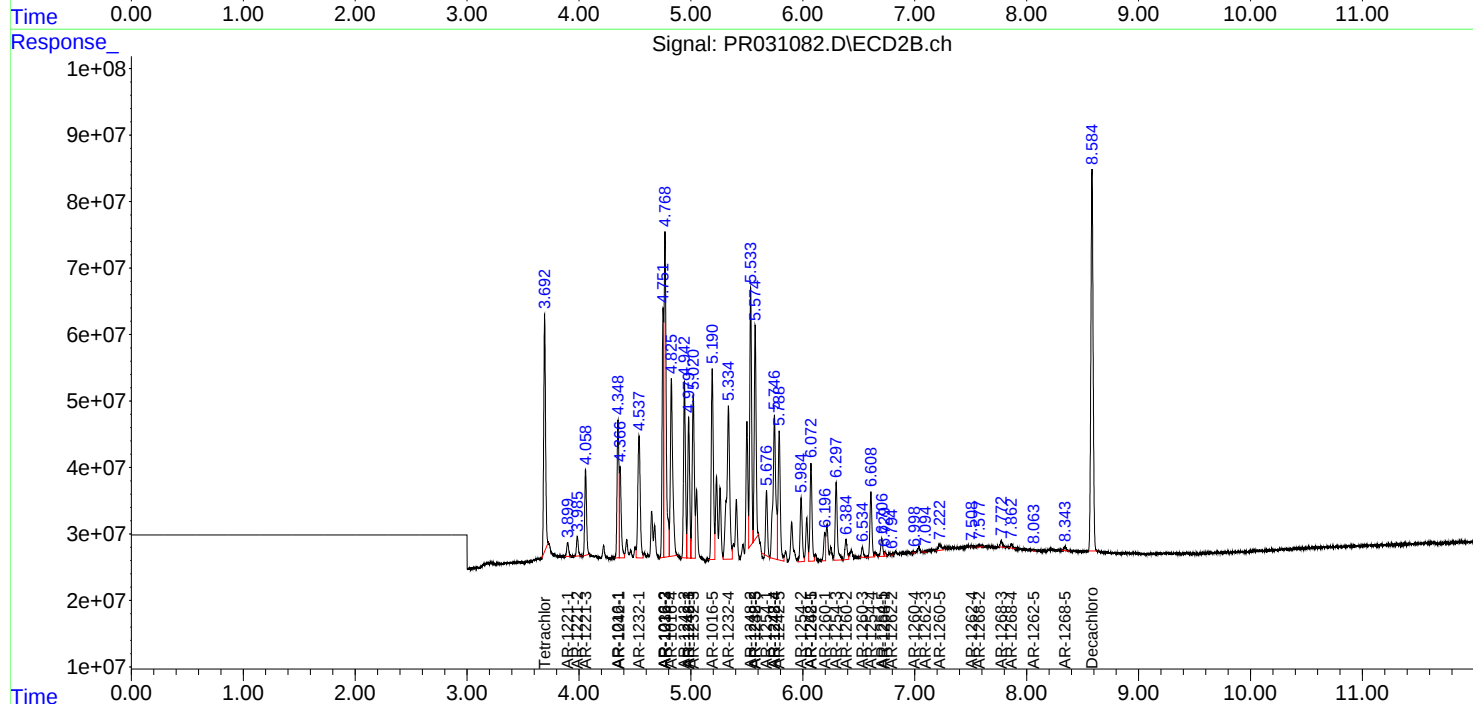
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

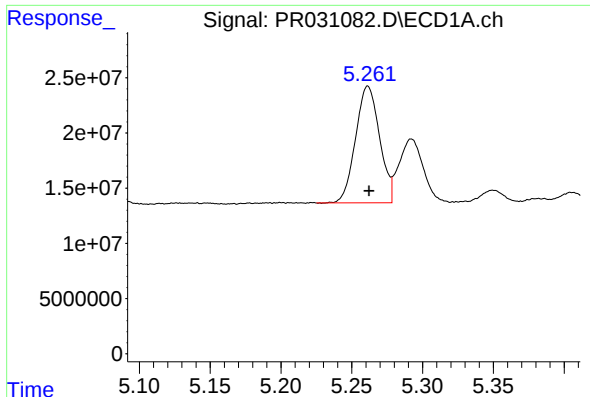
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.188	7.577	583161	5409153	0.456	1.248 #
43) L9	AR-1268-3	8.825	7.773	3087731	11763872	0.539	3.326 #
44) L9	AR-1268-4	9.135	7.864	13079144	7926126	2.806	7.878 #
45) L9	AR-1268-5	9.992	8.344	13533254	7783170	0.979	0.899

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

Instrument :
ECD_R
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

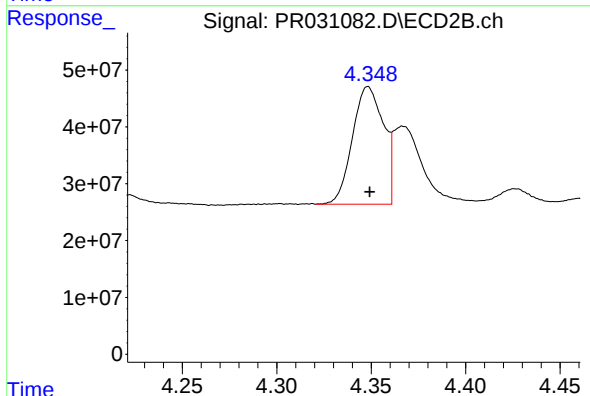




#3 AR-1016-1

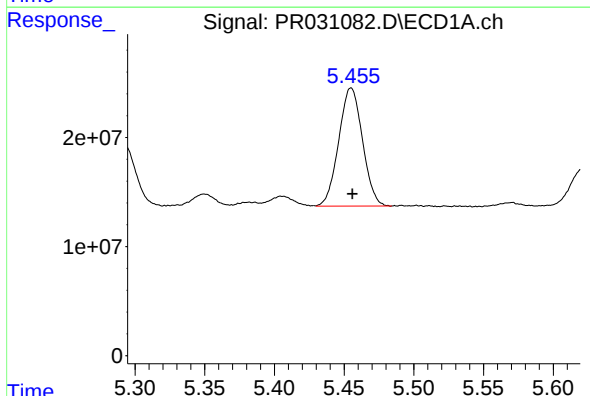
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 124590579
Conc: 333.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



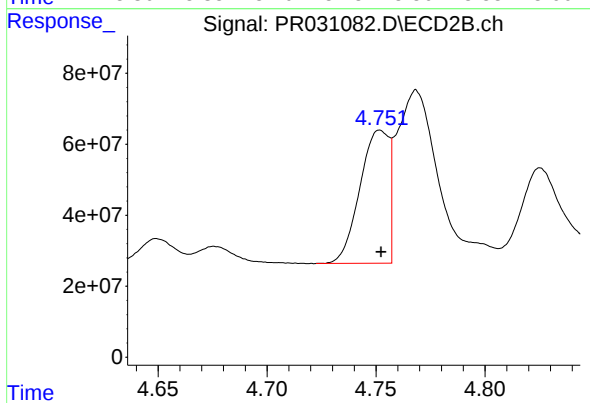
#3 AR-1016-1

R.T.: 4.348 min
Delta R.T.: 0.000 min
Response: 236227498
Conc: 339.54 ng/ml



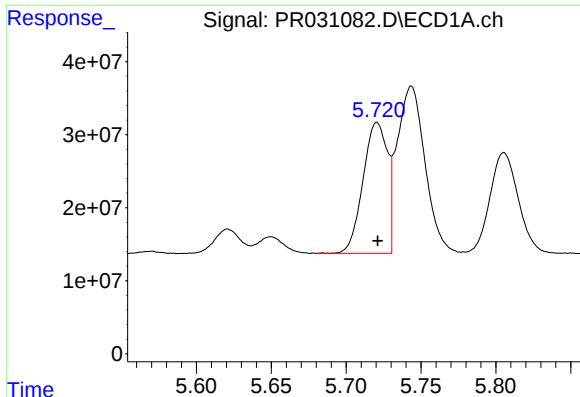
#4 AR-1016-2

R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 128645250
Conc: 347.05 ng/ml



#4 AR-1016-2

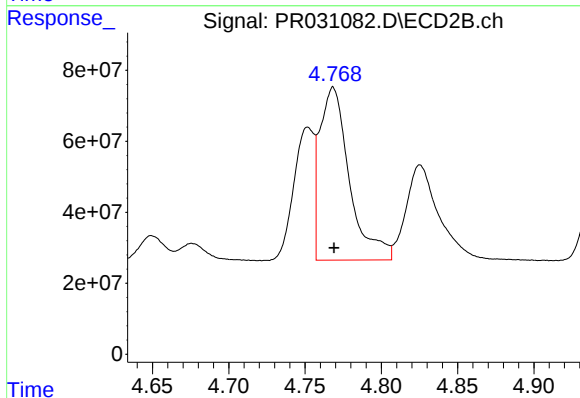
R.T.: 4.752 min
Delta R.T.: 0.000 min
Response: 346274034
Conc: 317.12 ng/ml



#5 AR-1016-3

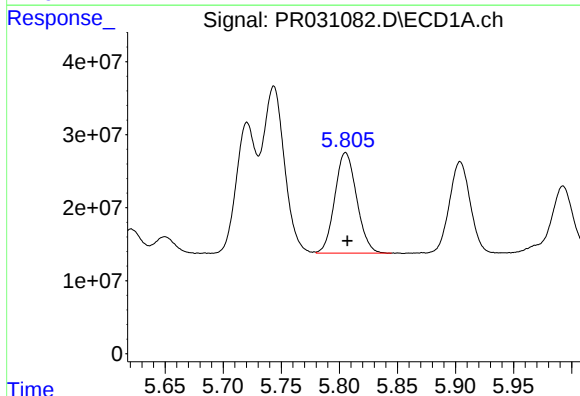
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 203629179
Conc: 335.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



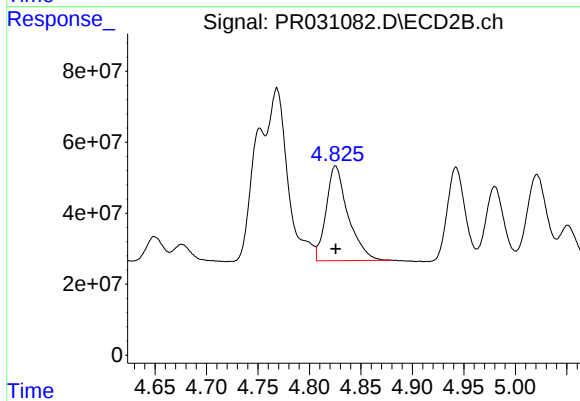
#5 AR-1016-3

R.T.: 4.768 min
Delta R.T.: 0.000 min
Response: 661850181
Conc: 366.32 ng/ml



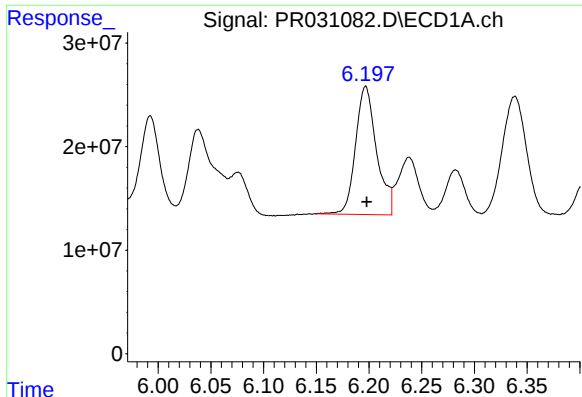
#6 AR-1016-4

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 180782775
Conc: 338.19 ng/ml



#6 AR-1016-4

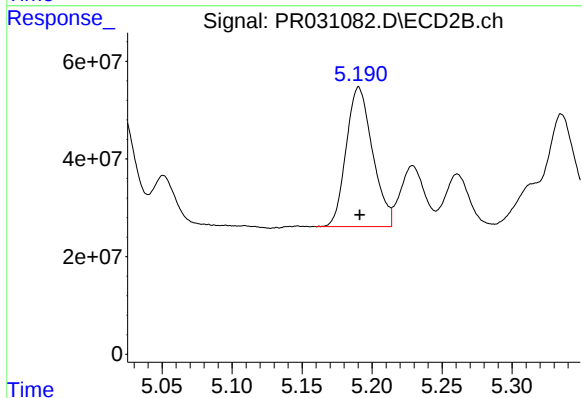
R.T.: 4.825 min
Delta R.T.: 0.000 min
Response: 394618385
Conc: 326.33 ng/ml



#7 AR-1016-5

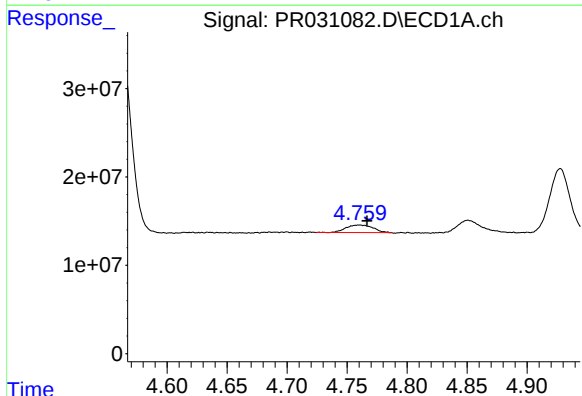
R.T.: 6.197 min
Delta R.T.: -0.001 min
Response: 172199684
Conc: 365.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



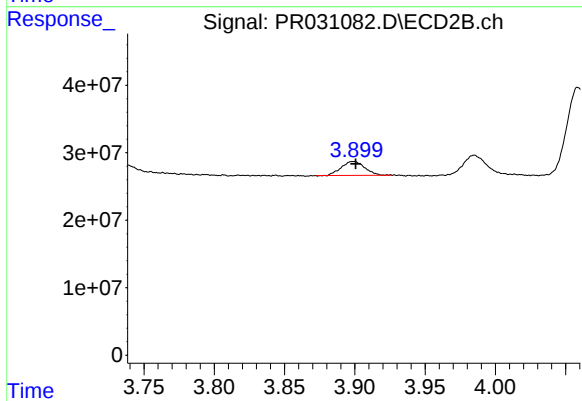
#7 AR-1016-5

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 374299646
Conc: 340.89 ng/ml



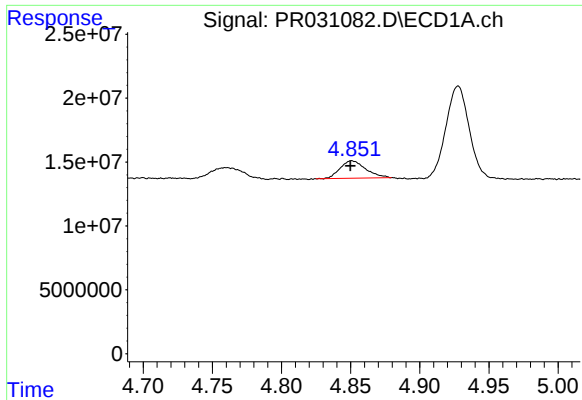
#8 AR-1221-1

R.T.: 4.761 min
Delta R.T.: -0.006 min
Response: 13439764
Conc: 70.39 ng/ml



#8 AR-1221-1

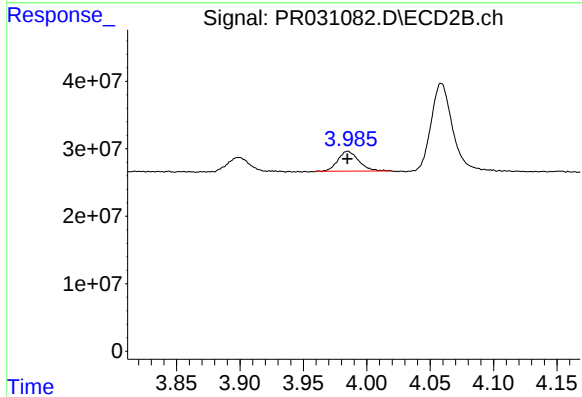
R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 24224844
Conc: 73.81 ng/ml



#9 AR-1221-2

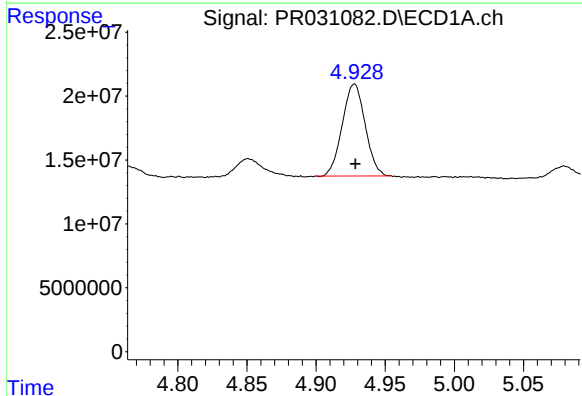
R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 17560747
Conc: 140.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



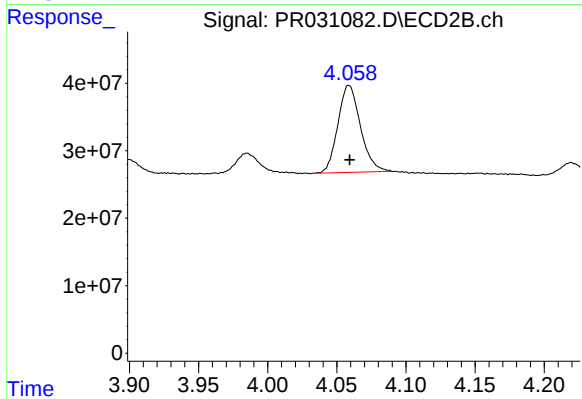
#9 AR-1221-2

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 33987208
Conc: 143.63 ng/ml



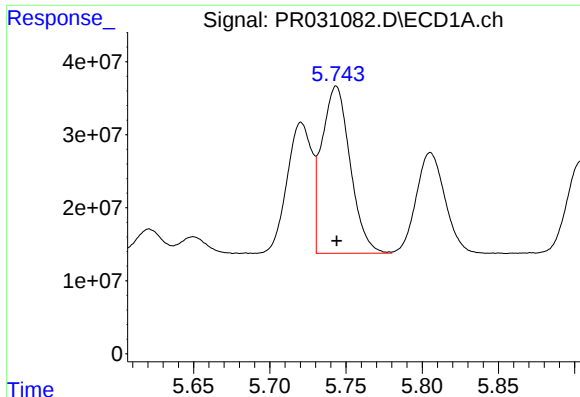
#10 AR-1221-3

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 83016502
Conc: 177.18 ng/ml



#10 AR-1221-3

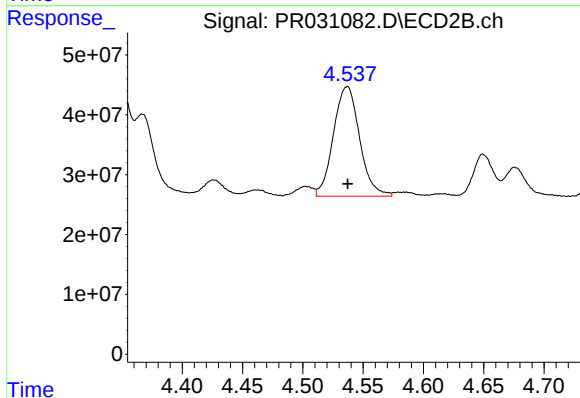
R.T.: 4.059 min
Delta R.T.: 0.000 min
Response: 146900492
Conc: 189.70 ng/ml



#11 AR-1232-1

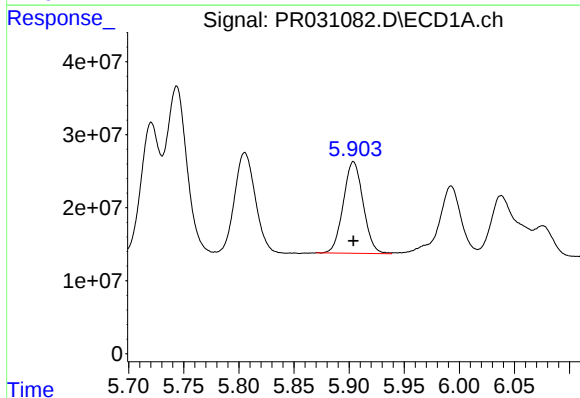
R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 296357984
Conc: 739.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



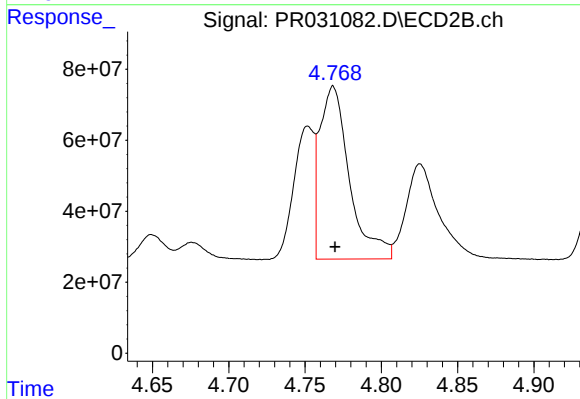
#11 AR-1232-1

R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 276931487
Conc: 770.92 ng/ml



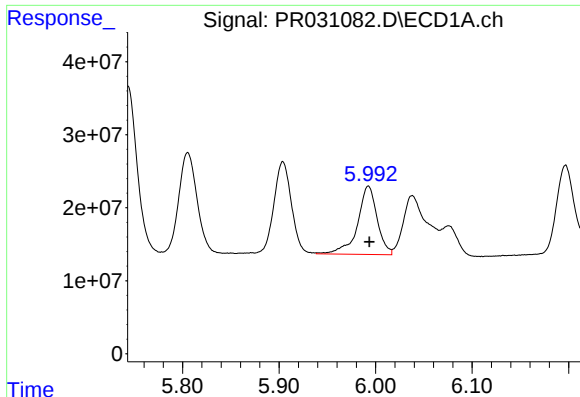
#12 AR-1232-2

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 157119887
Conc: 746.23 ng/ml



#12 AR-1232-2

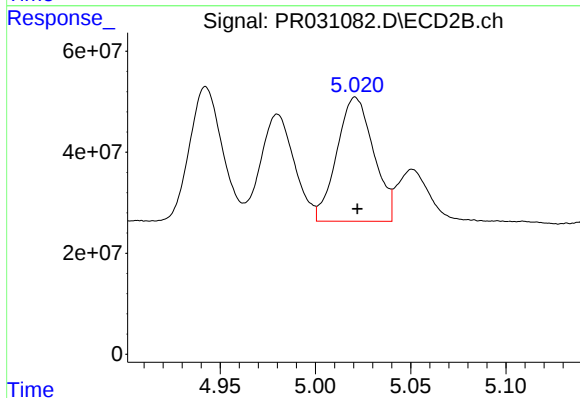
R.T.: 4.768 min
Delta R.T.: -0.001 min
Response: 661850181
Conc: 737.62 ng/ml



#13 AR-1232-3

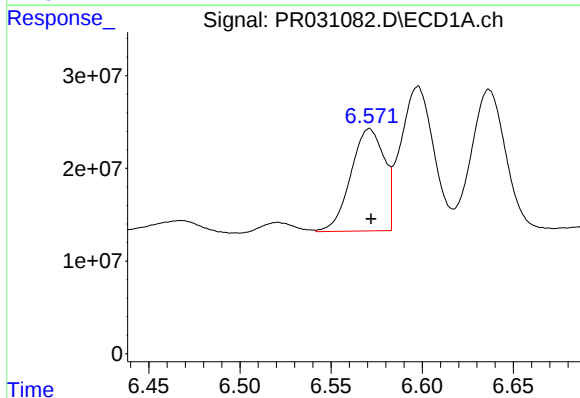
R.T.: 5.993 min
Delta R.T.: -0.001 min
Response: 132803840
Conc: 780.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



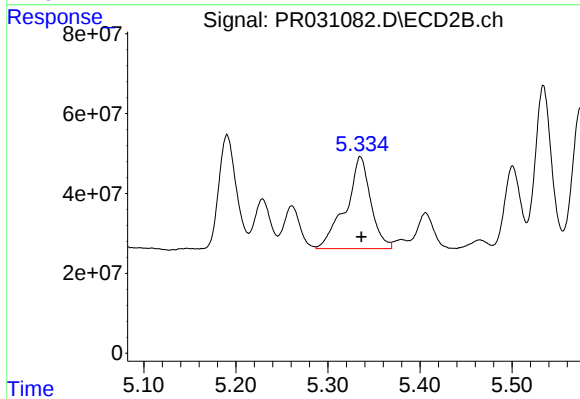
#13 AR-1232-3

R.T.: 5.021 min
Delta R.T.: -0.001 min
Response: 329942730
Conc: 753.59 ng/ml



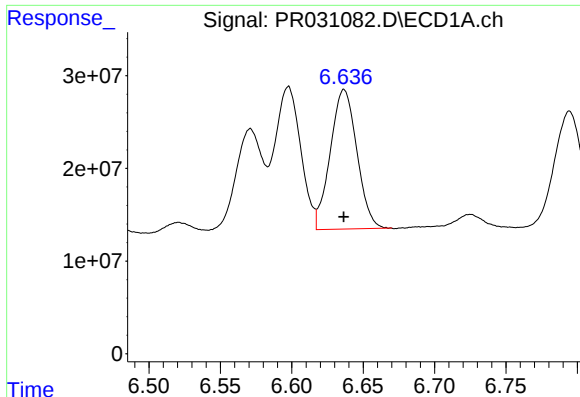
#14 AR-1232-4

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 140825747
Conc: 721.49 ng/ml



#14 AR-1232-4

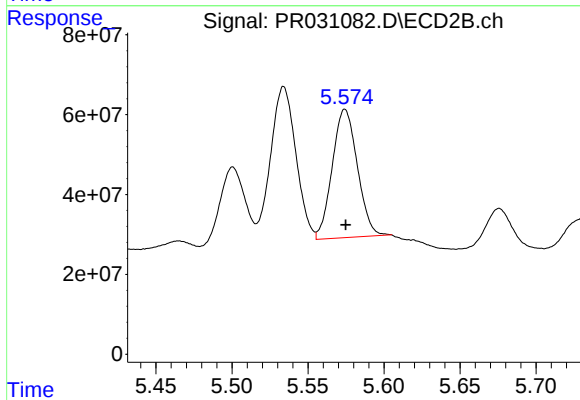
R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 432428379
Conc: 1174.94 ng/ml



#15 AR-1232-5

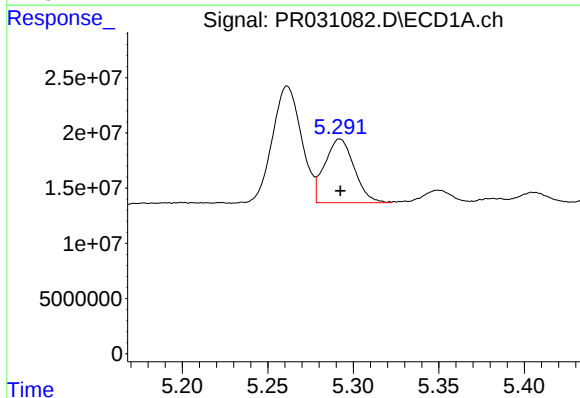
R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 195348124
Conc: 736.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



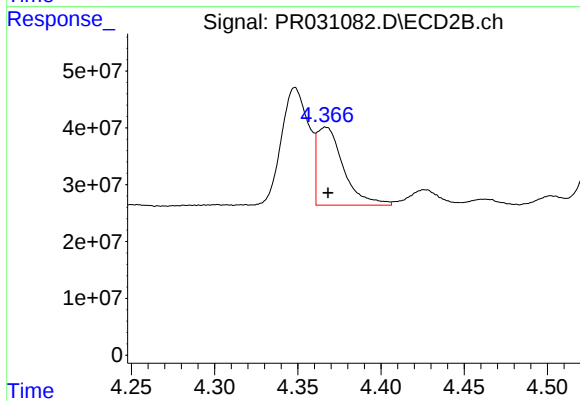
#15 AR-1232-5

R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 370507545
Conc: 680.99 ng/ml



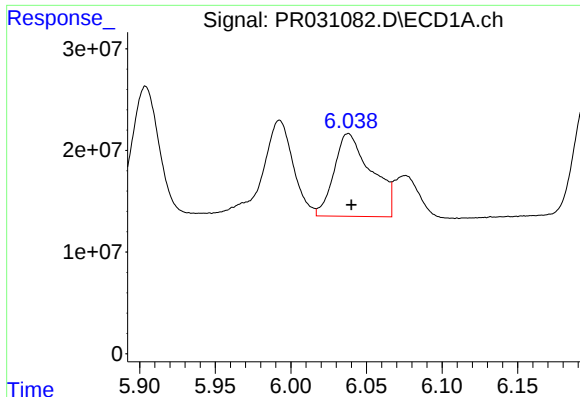
#16 AR-1242-1

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 69195855
Conc: 383.07 ng/ml



#16 AR-1242-1

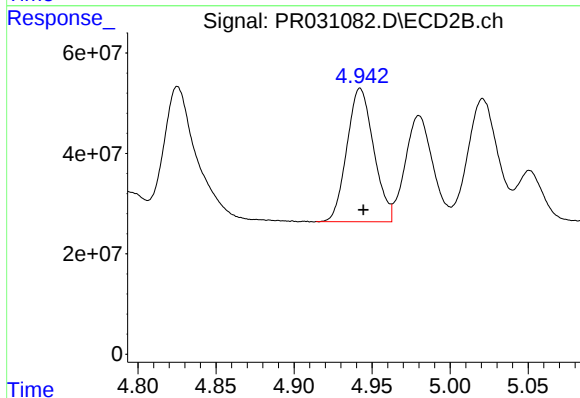
R.T.: 4.367 min
Delta R.T.: -0.001 min
Response: 152636030
Conc: 404.58 ng/ml



#17 AR-1242-2

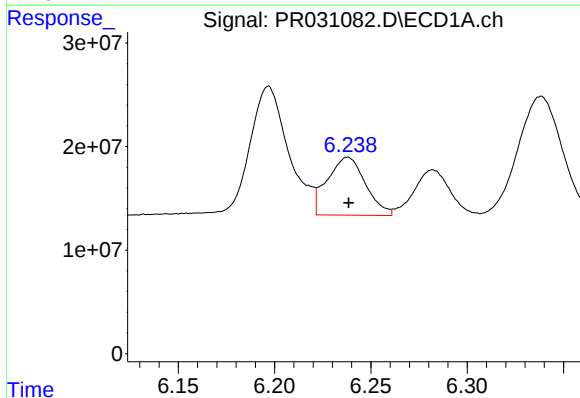
R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 140232410
Conc: 405.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



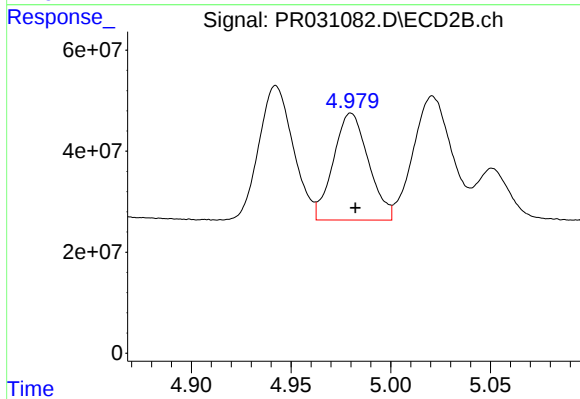
#17 AR-1242-2

R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 317230780
Conc: 412.90 ng/ml



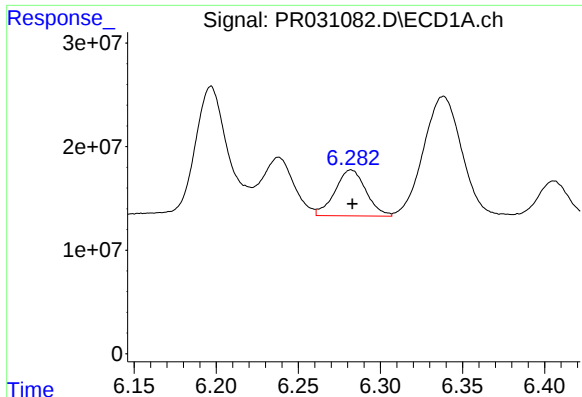
#18 AR-1242-3

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 77032453
Conc: 417.76 ng/ml



#18 AR-1242-3

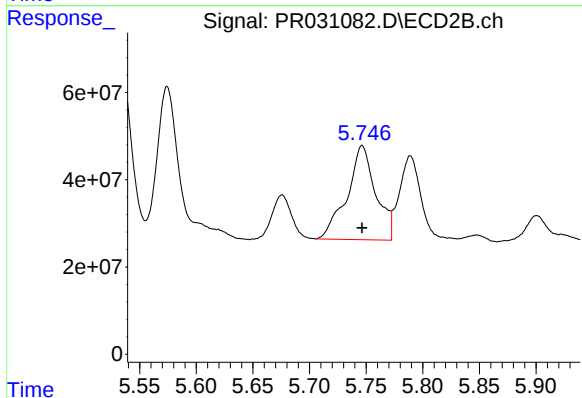
R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 259889207
Conc: 394.59 ng/ml



#19 AR-1242-4

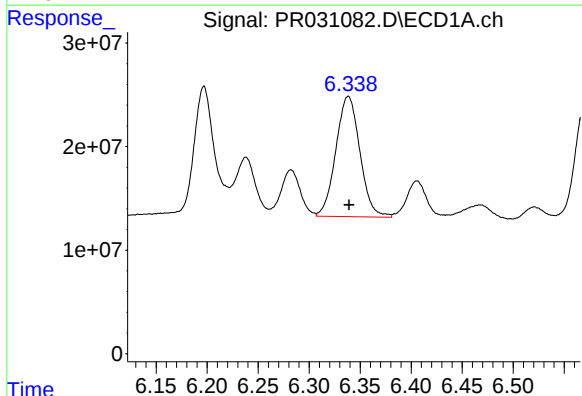
R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 58392868
Conc: 458.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



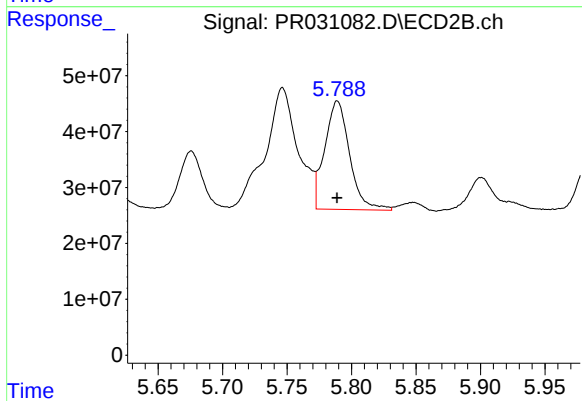
#19 AR-1242-4

R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 381160651
Conc: 382.20 ng/ml



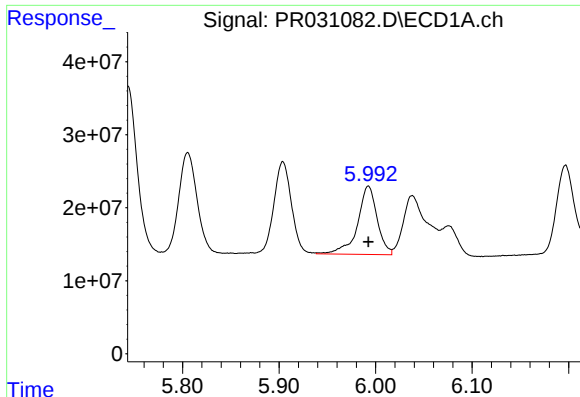
#20 AR-1242-5

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 190557706
Conc: 420.86 ng/ml



#20 AR-1242-5

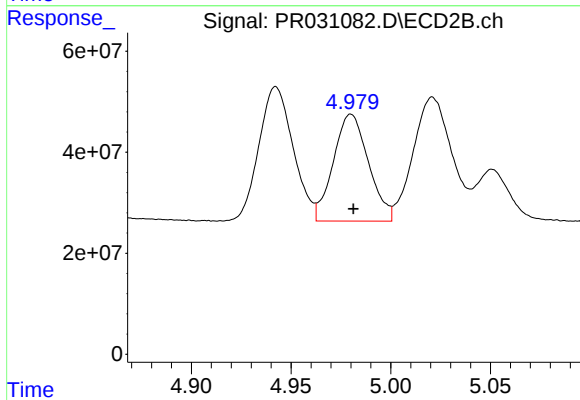
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 260716421
Conc: 384.26 ng/ml



#21 AR-1248-1

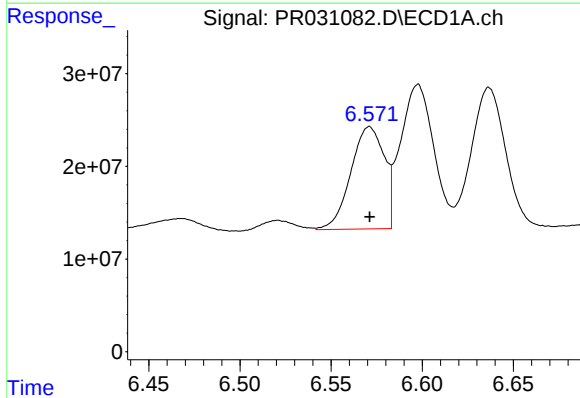
R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 132803840
Conc: 190.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



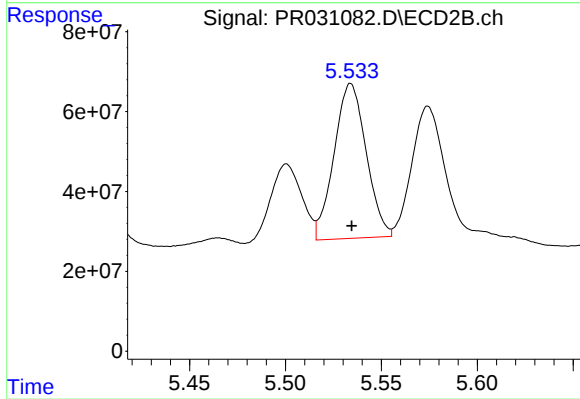
#21 AR-1248-1

R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 259889207
Conc: 182.08 ng/ml



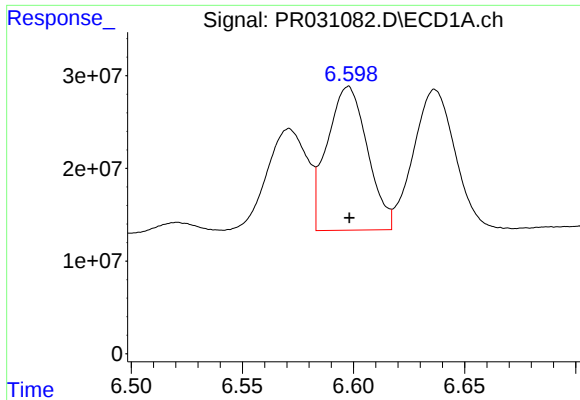
#22 AR-1248-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 140825747
Conc: 184.03 ng/ml



#22 AR-1248-2

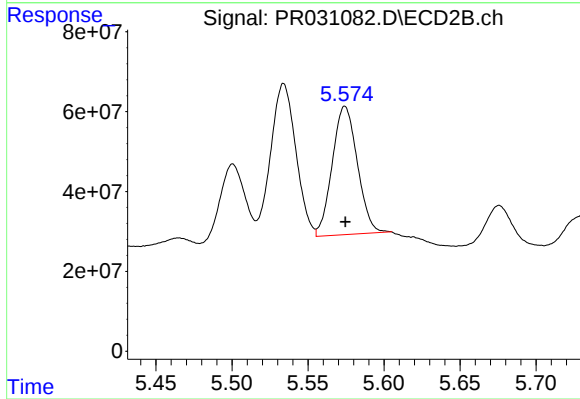
R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 452568959
Conc: 149.17 ng/ml



#23 AR-1248-3

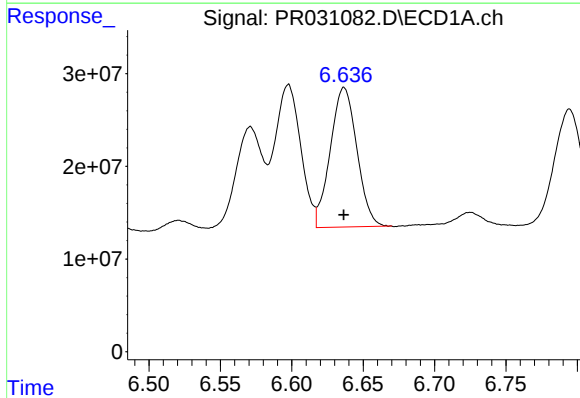
R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 195156877
Conc: 183.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



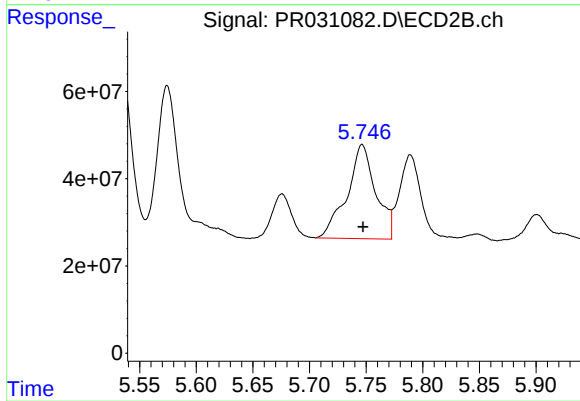
#23 AR-1248-3

R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 370507545
Conc: 168.68 ng/ml



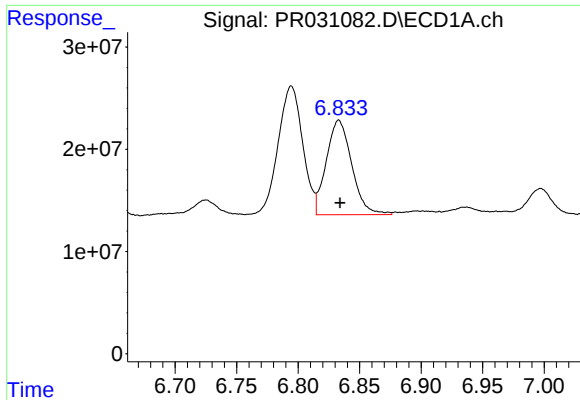
#24 AR-1248-4

R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 195348124
Conc: 197.22 ng/ml



#24 AR-1248-4

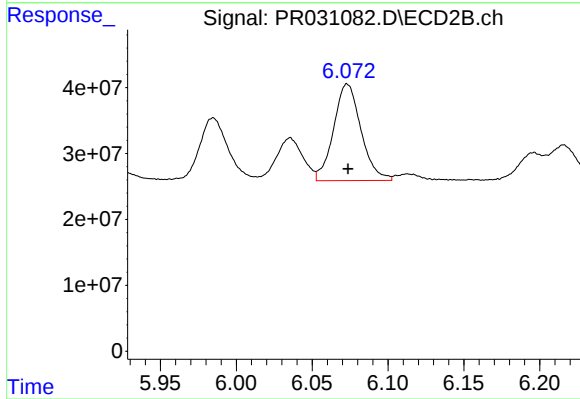
R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 381160651
Conc: 193.52 ng/ml



#25 AR-1248-5

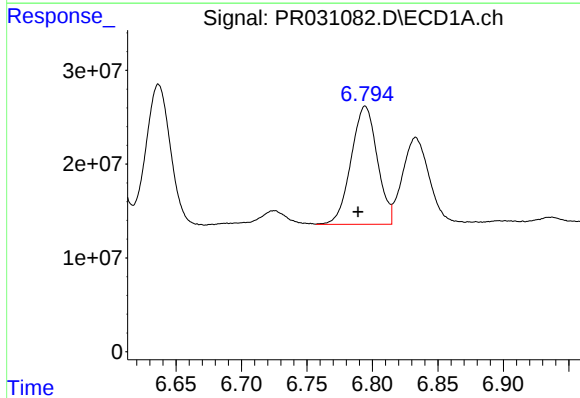
R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 133364042
Conc: 198.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



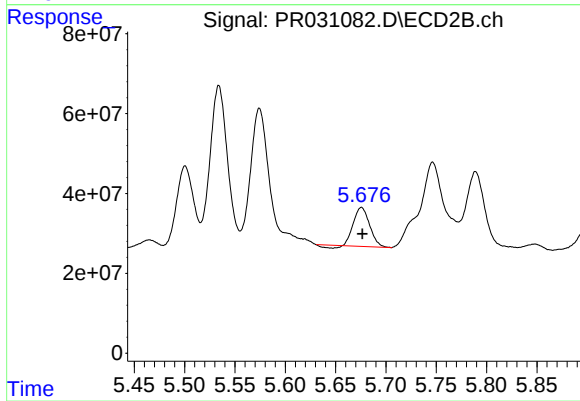
#25 AR-1248-5

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 184457372
Conc: 119.25 ng/ml



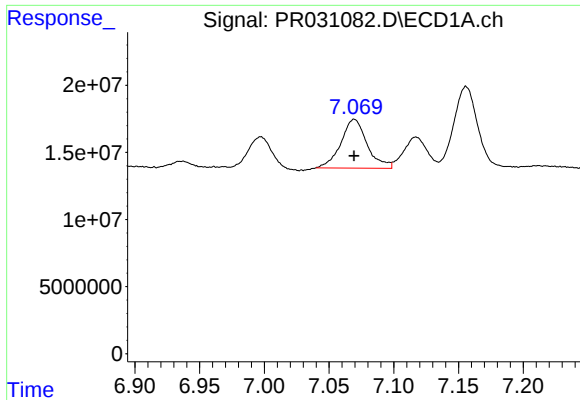
#26 AR-1254-1

R.T.: 6.794 min
Delta R.T.: 0.005 min
Response: 175107480
Conc: 115.18 ng/ml



#26 AR-1254-1

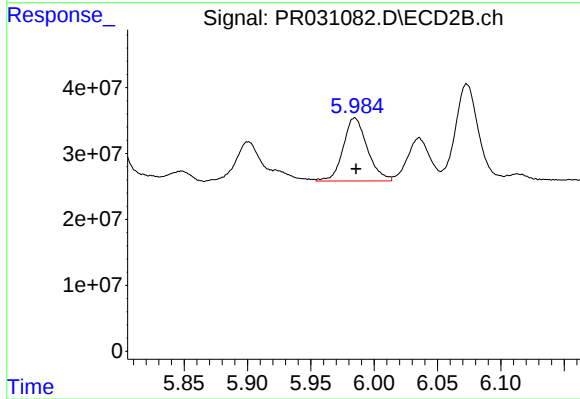
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 105437011
Conc: 39.19 ng/ml



#27 AR-1254-2

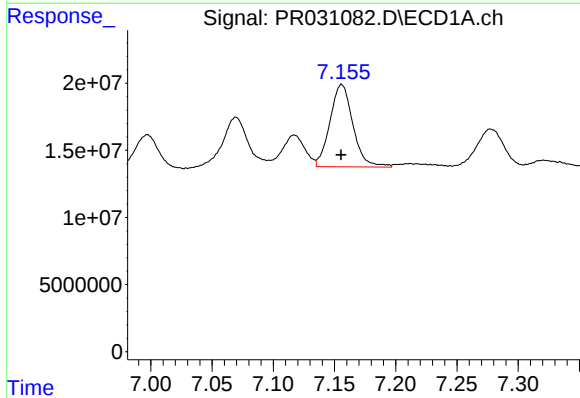
R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 51423530
Conc: 55.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



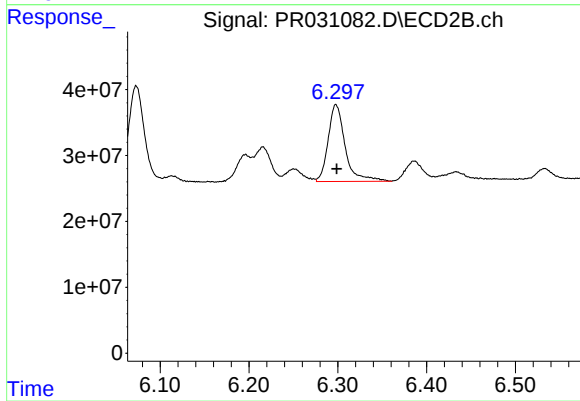
#27 AR-1254-2

R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 126997035
Conc: 56.92 ng/ml



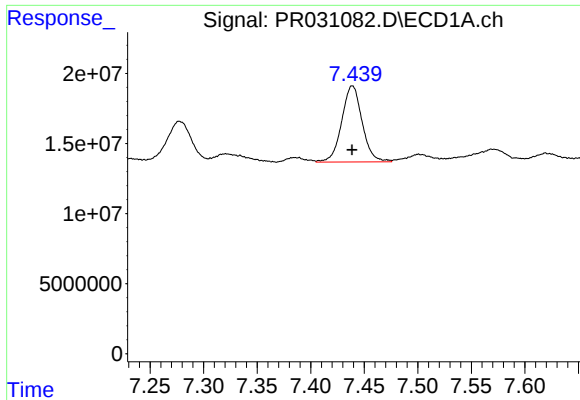
#28 AR-1254-3

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 79929190
Conc: 46.75 ng/ml



#28 AR-1254-3

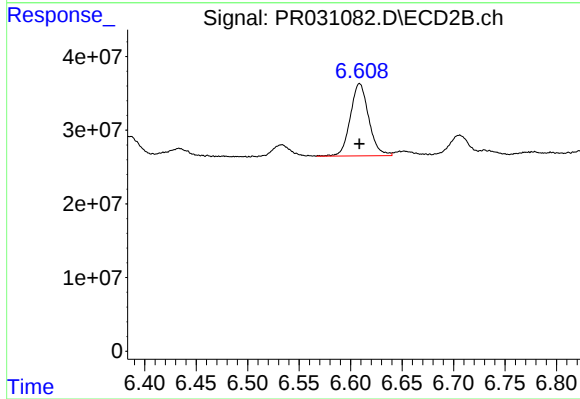
R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 155621309
Conc: 43.81 ng/ml



#29 AR-1254-4

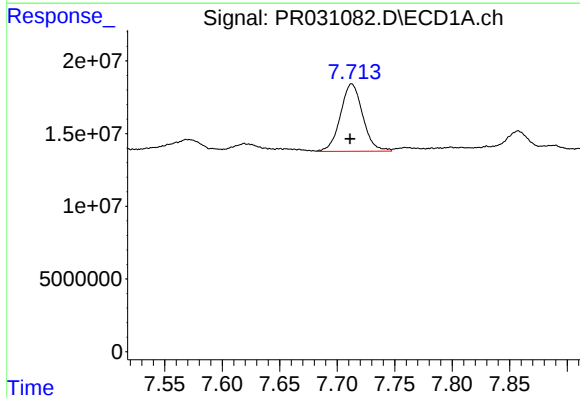
R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 72106477
Conc: 47.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



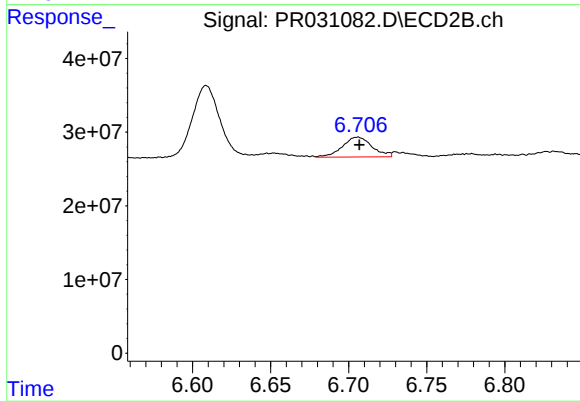
#29 AR-1254-4

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 121915722
Conc: 65.83 ng/ml



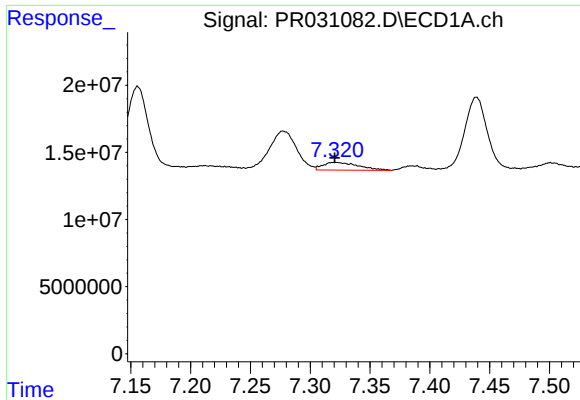
#30 AR-1254-5

R.T.: 7.713 min
Delta R.T.: 0.001 min
Response: 62368520
Conc: 58.00 ng/ml



#30 AR-1254-5

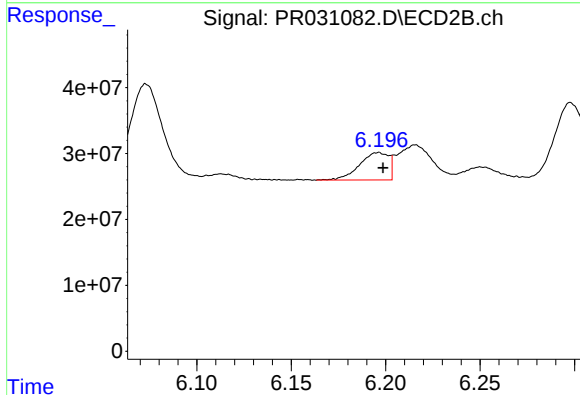
R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 35722409
Conc: 10.33 ng/ml



#31 AR-1260-1

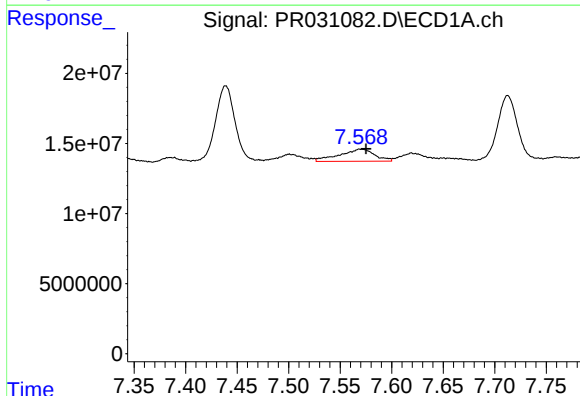
R.T.: 7.321 min
Delta R.T.: 0.000 min
Response: 11801053
Conc: 10.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



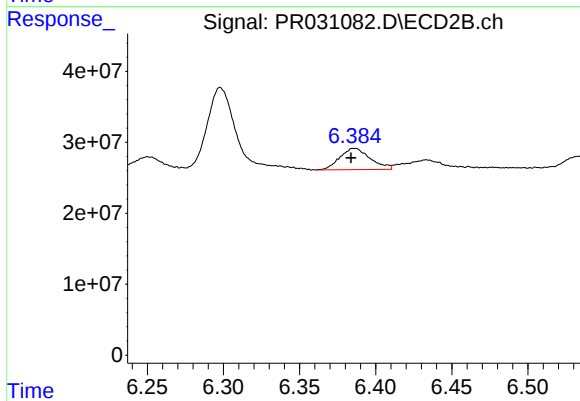
#31 AR-1260-1

R.T.: 6.196 min
Delta R.T.: -0.003 min
Response: 44881040
Conc: 17.03 ng/ml



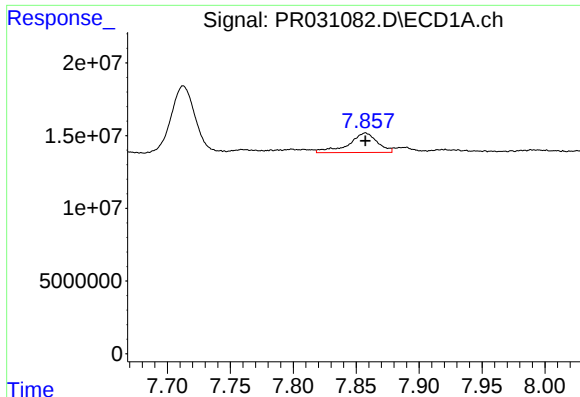
#32 AR-1260-2

R.T.: 7.570 min
Delta R.T.: -0.005 min
Response: 20368837
Conc: 12.07 ng/ml



#32 AR-1260-2

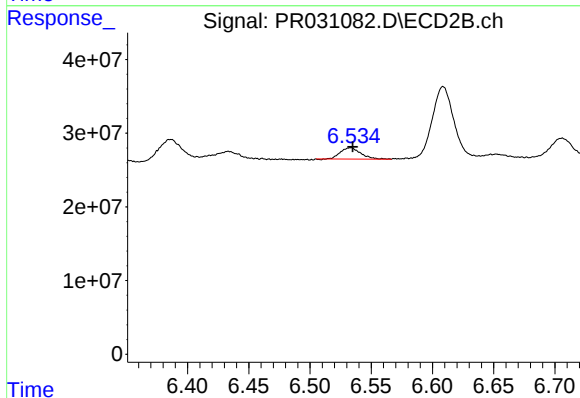
R.T.: 6.386 min
Delta R.T.: 0.002 min
Response: 41809219
Conc: 12.76 ng/ml



#33 AR-1260-3

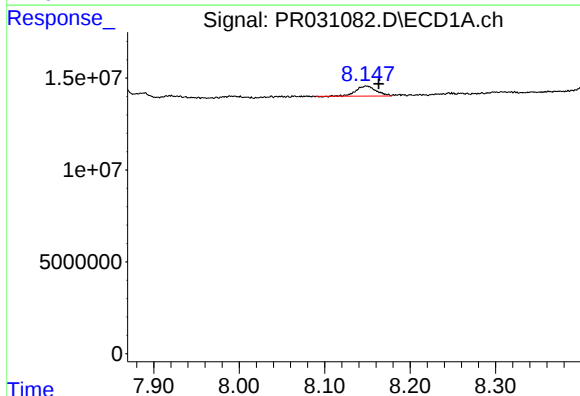
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 21501378
Conc: 11.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



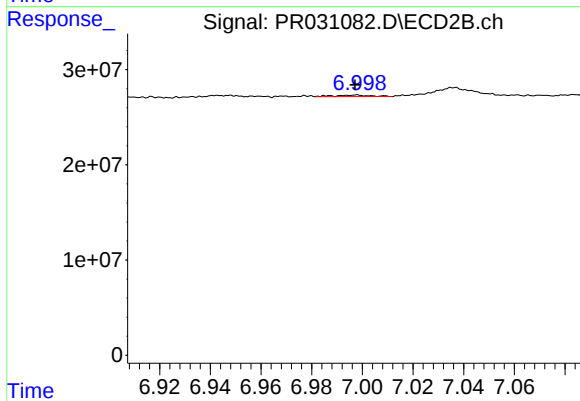
#33 AR-1260-3

R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 17736398
Conc: 6.52 ng/ml



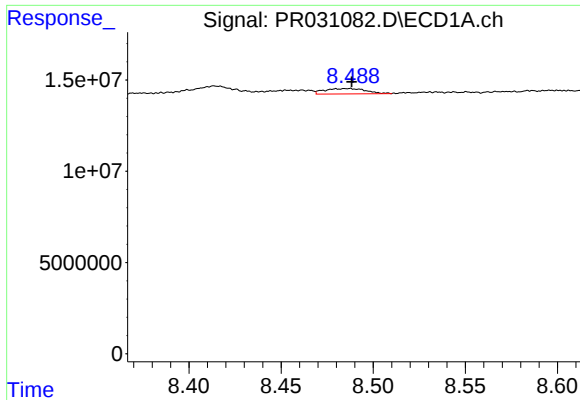
#34 AR-1260-4

R.T.: 8.149 min
Delta R.T.: -0.014 min
Response: 8979487
Conc: 6.41 ng/ml



#34 AR-1260-4

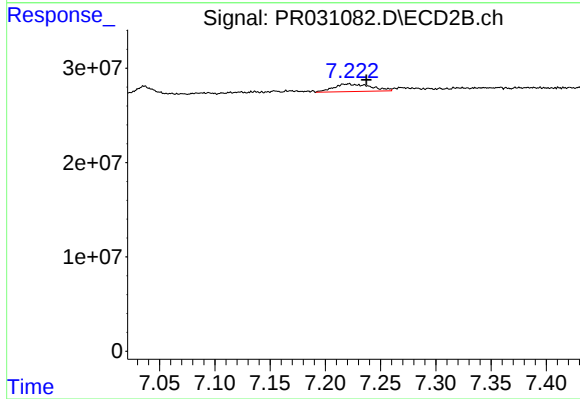
R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 1621023
Conc: 0.94 ng/ml



#35 AR-1260-5

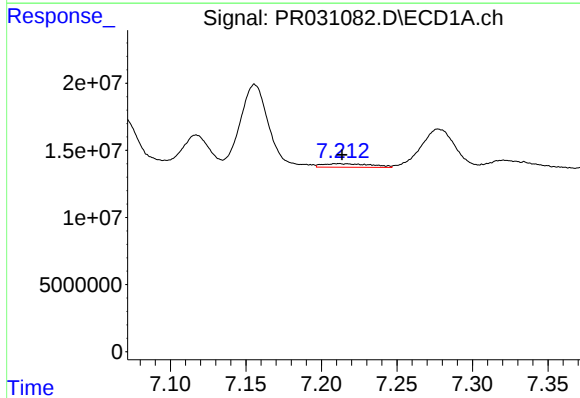
R.T.: 8.487 min
Delta R.T.: -0.002 min
Response: 4642776
Conc: 1.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



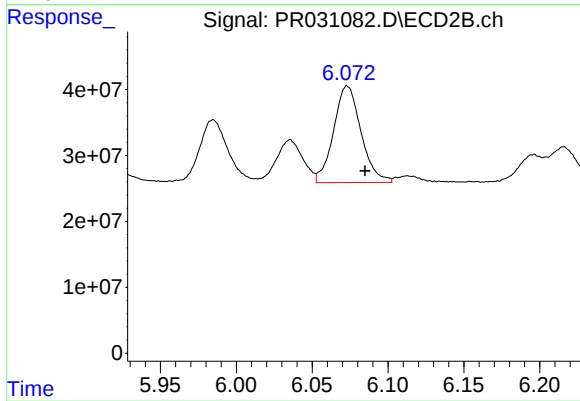
#35 AR-1260-5

R.T.: 7.221 min
Delta R.T.: -0.016 min
Response: 18701115
Conc: 5.04 ng/ml



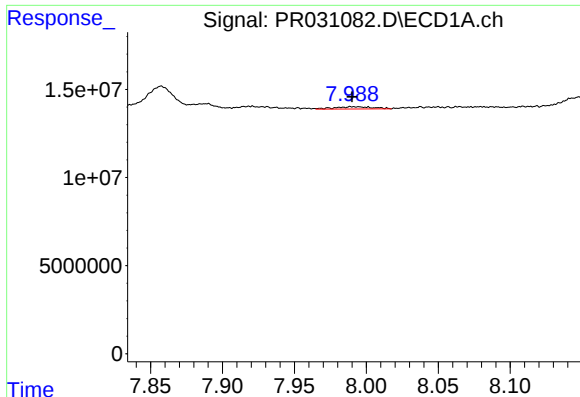
#36 AR-1262-1

R.T.: 7.211 min
Delta R.T.: -0.003 min
Response: 5846802
Conc: 6.45 ng/ml



#36 AR-1262-1

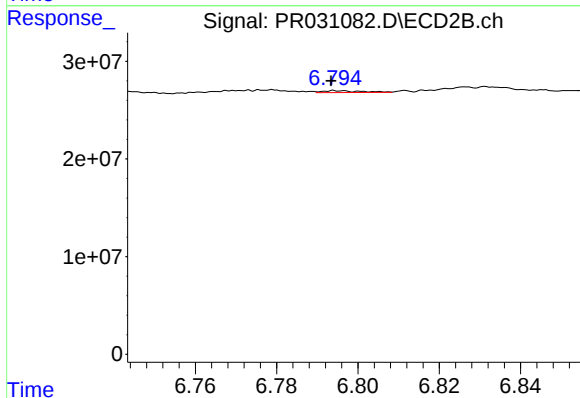
R.T.: 6.073 min
Delta R.T.: -0.012 min
Response: 184457372
Conc: 95.98 ng/ml



#37 AR-1262-2

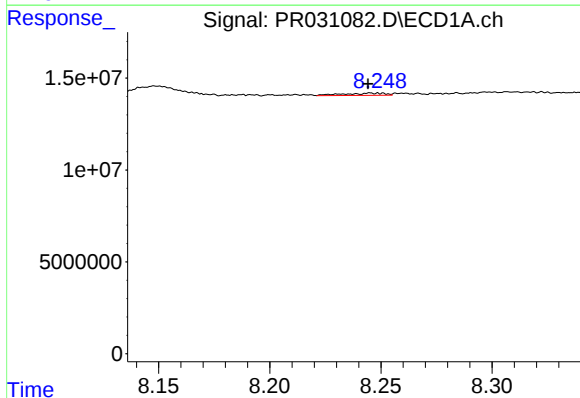
R.T.: 7.994 min
Delta R.T.: 0.004 min
Response: 2393658
Conc: 2.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



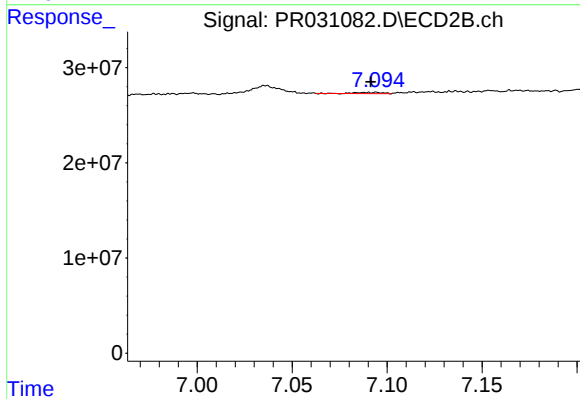
#37 AR-1262-2

R.T.: 6.795 min
Delta R.T.: 0.002 min
Response: 1287343
Conc: 0.74 ng/ml



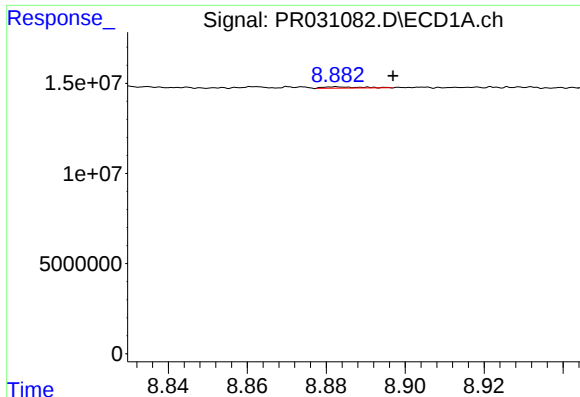
#38 AR-1262-3

R.T.: 8.245 min
Delta R.T.: 0.001 min
Response: 1531508
Conc: 1.93 ng/ml



#38 AR-1262-3

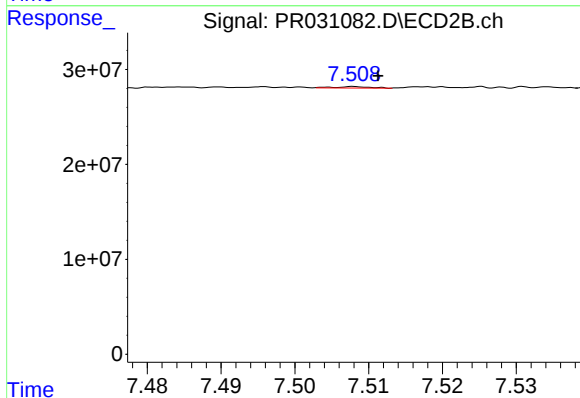
R.T.: 7.094 min
Delta R.T.: 0.003 min
Response: 1235986
Conc: 0.92 ng/ml



#39 AR-1262-4

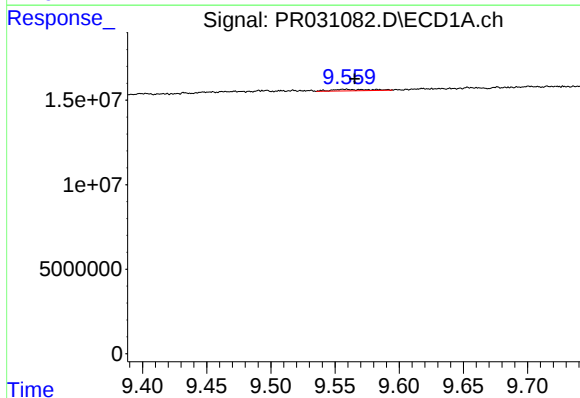
R.T.: 8.883 min
Delta R.T.: -0.014 min
Response: 483389
Conc: 0.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



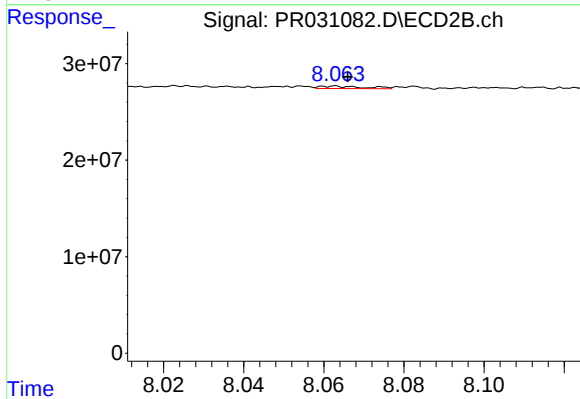
#39 AR-1262-4

R.T.: 7.508 min
Delta R.T.: -0.003 min
Response: 503088
Conc: 0.25 ng/ml



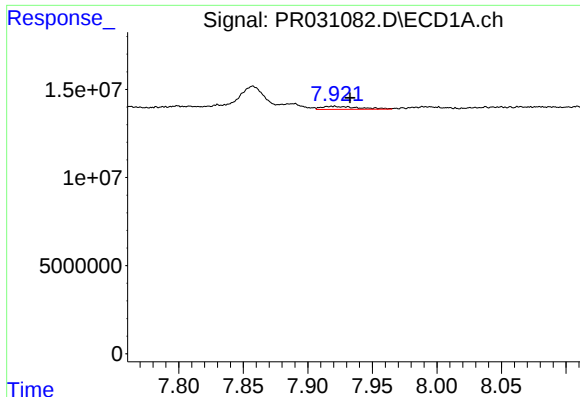
#40 AR-1262-5

R.T.: 9.558 min
Delta R.T.: -0.007 min
Response: 1747377
Conc: 1.00 ng/ml



#40 AR-1262-5

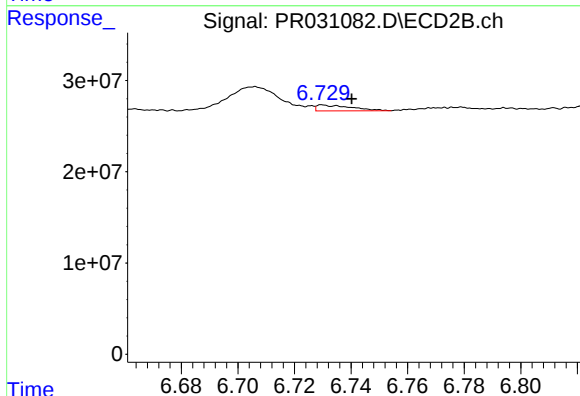
R.T.: 8.062 min
Delta R.T.: -0.004 min
Response: 1958807
Conc: 1.42 ng/ml



#41 AR-1268-1

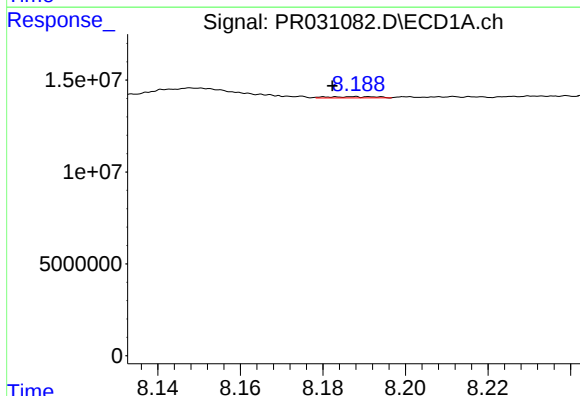
R.T.: 7.920 min
Delta R.T.: -0.013 min
Response: 3550462
Conc: 3.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



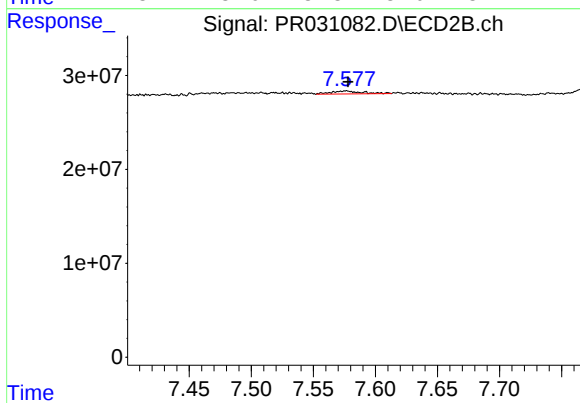
#41 AR-1268-1

R.T.: 6.730 min
Delta R.T.: -0.010 min
Response: 5568239
Conc: 3.39 ng/ml



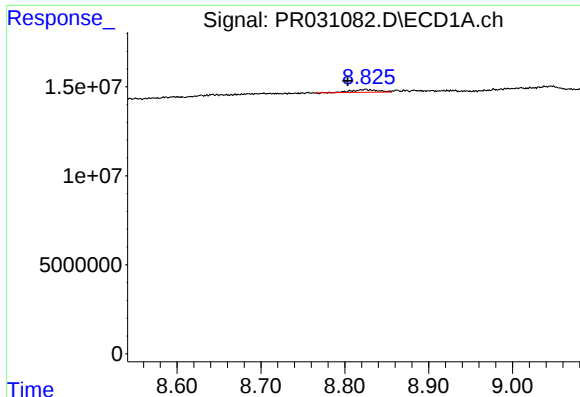
#42 AR-1268-2

R.T.: 8.188 min
Delta R.T.: 0.006 min
Response: 583161
Conc: 0.46 ng/ml



#42 AR-1268-2

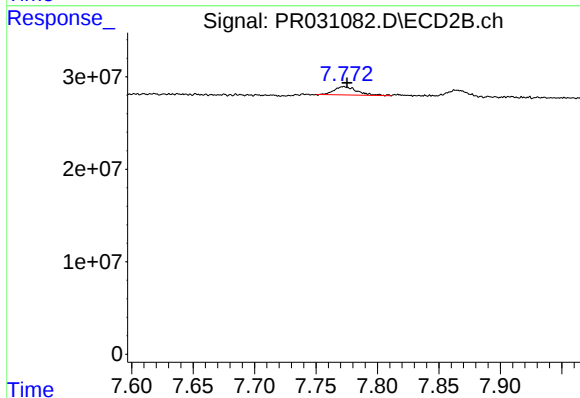
R.T.: 7.577 min
Delta R.T.: -0.001 min
Response: 5409153
Conc: 1.25 ng/ml



#43 AR-1268-3

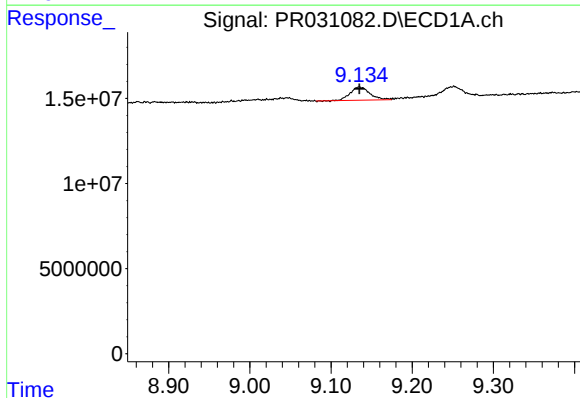
R.T.: 8.825 min
Delta R.T.: 0.021 min
Response: 3087731
Conc: 0.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



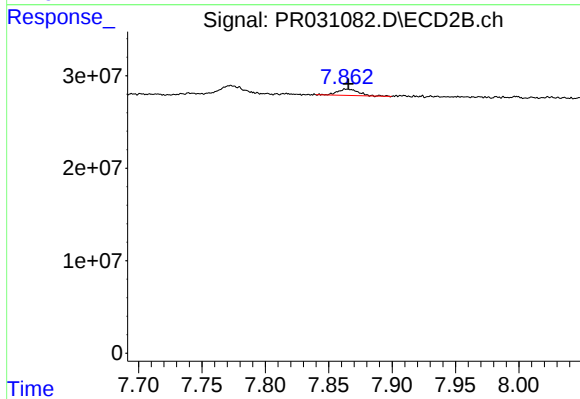
#43 AR-1268-3

R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 11763872
Conc: 3.33 ng/ml



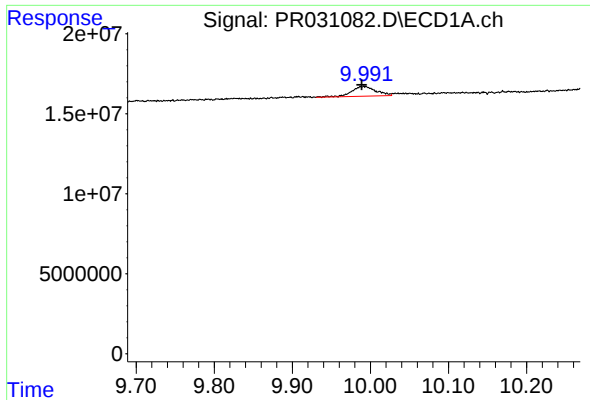
#44 AR-1268-4

R.T.: 9.135 min
Delta R.T.: 0.000 min
Response: 13079144
Conc: 2.81 ng/ml



#44 AR-1268-4

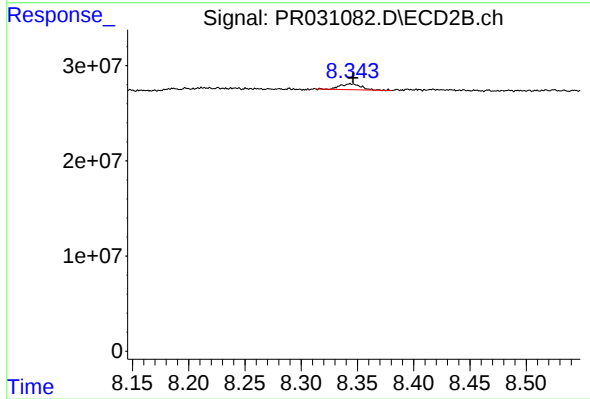
R.T.: 7.864 min
Delta R.T.: -0.001 min
Response: 7926126
Conc: 7.88 ng/ml



#45 AR-1268-5

R.T.: 9.992 min
Delta R.T.: 0.003 min
Response: 13533254
Conc: 0.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.344 min
Delta R.T.: -0.002 min
Response: 7783170
Conc: 0.90 ng/ml