

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR031122\
 Data File : PR053969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2022 22:57
 Operator : AJ\MA
 Sample : N1645-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:10:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR031122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 10 01:38:42 2022
 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...	3.557	2.806	41383030	26227573	21.738	20.850
2)	SA Decachlor...	9.361	7.949	39830851	30209239	23.758	23.102
Target Compounds							
3)	L1 AR-1016-1	4.777	3.891	2629120	1758180	40.344	38.752
4)	L1 AR-1016-2	4.798	3.908	4251040	3113524	43.138	42.215
5)	L1 AR-1016-3	4.862	4.080	2440769	1689068	41.236	41.614
6)	L1 AR-1016-4	4.966	4.132	2005560	1382705	43.490	42.690
7)	L1 AR-1016-5	5.275	4.342	2019980	1494836	42.752	36.804
8)	L2 AR-1221-1	3.785	0.000	5556160	0	134.987	N.D. #
9)	L2 AR-1221-2	3.870	3.101	951167	1040312	30.930	47.537 #
10)	L2 AR-1221-3	3.952	3.182	1376546	1076547	14.136	15.369
11)	L3 AR-1232-1	3.952	3.182	1376546	1076547	36.081	40.779
12)	L3 AR-1232-2	4.494	3.908	2210016	3113524	104.376	101.230
13)	L3 AR-1232-3	4.798	4.080	4251040	1689068	106.649	106.100
14)	L3 AR-1232-4	4.966	4.171	2005560	1515267	102.987	109.808
15)	L3 AR-1232-5	5.062	4.342	1791700	1494836	123.801	93.751
16)	L4 AR-1242-1	4.777	3.891	2629120	1758180	55.585	54.991
17)	L4 AR-1242-2	4.798	3.908	4251040	3113524	60.082	58.422
18)	L4 AR-1242-3	4.862	4.080	2440769	1689068	55.436	60.307
19)	L4 AR-1242-4	4.966	4.171	2005560	1515267	57.384	56.059
20)	L4 AR-1242-5	5.748	4.703	335934	1134288	7.670	32.460 #
21)	L5 AR-1248-1	4.777	3.891	2629120	1758180	70.904	67.616
22)	L5 AR-1248-2	5.062	4.132	1791700	1382705	35.653	33.914
23)	L5 AR-1248-3	5.275	4.171	2019980	1515267	34.448	39.034
24)	L5 AR-1248-4	5.700	4.342	654415	1494836	10.097	31.242 #
25)	L5 AR-1248-5	5.748	0.000	335934	0	5.108	N.D. #
26)	L6 AR-1254-1	5.676	4.703	1399925	1134288	21.222	16.134
27)	L6 AR-1254-2	5.909	4.860	2837352	981980	26.033	15.132 #
28)	L6 AR-1254-3	6.303	5.289f	2134383	2310439	18.456	23.725 #
29)	L6 AR-1254-4	6.603	5.521	3432532	428808	37.854	7.412 #
30)	L6 AR-1254-5	7.061	5.950	5684329	3524862	63.005	38.455 #
31)	L7 AR-1260-1	6.475	5.409	6920628	2968532	76.586	39.156 #
32)	L7 AR-1260-2	6.754	5.613	5577282	3442797	52.567	39.190 #
33)	L7 AR-1260-3	7.139	5.765	3383823	2408469	50.484	28.069 #
34)	L7 AR-1260-4	7.384	6.263	5320224	2880643	62.368	46.020 #
35)	L7 AR-1260-5	7.722	6.528	6880007	8849825	42.347	53.786 #
36)	L8 AR-1262-1	7.139	5.995	3383823	2874018	31.602	30.332
37)	L8 AR-1262-2	7.722	6.263	6880007	2880643	36.341	33.954
38)	L8 AR-1262-3	8.038f	6.827	4031943	1683748	48.135	25.518 #
39)	L8 AR-1262-4	8.086f	6.892	2474479	4500160	46.766	37.383
40)	L8 AR-1262-5	8.711	7.426	2009124	1731426	29.054	32.532
41)	L9 AR-1268-1	8.038f	6.827	4031943	1683748	18.231	9.186 #

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 Misc : AR1660 LOD 40 PPB
 ALS Vial : 40 Sample Multiplier: 1

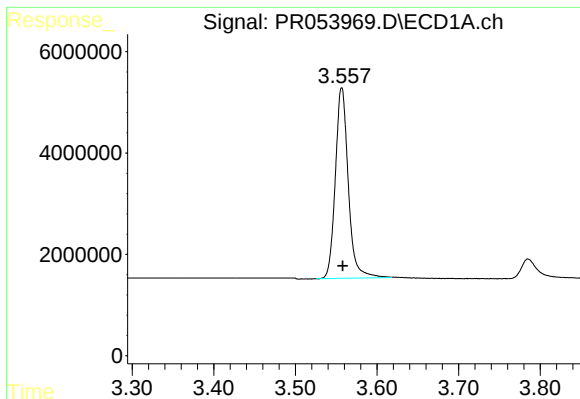
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:10:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR031122.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.086f	6.892	2474479	4500160	12.302	26.417 #
43) L9	AR-1268-3	8.309	0.000	81882	0	0.475	N.D. #
44) L9	AR-1268-4	8.711	7.426	2009124	1731426	27.839	30.629
45) L9	AR-1268-5	9.071	7.716	481761	461215	0.832	1.004

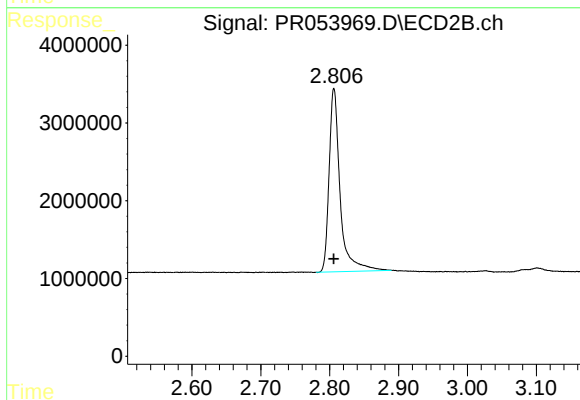
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

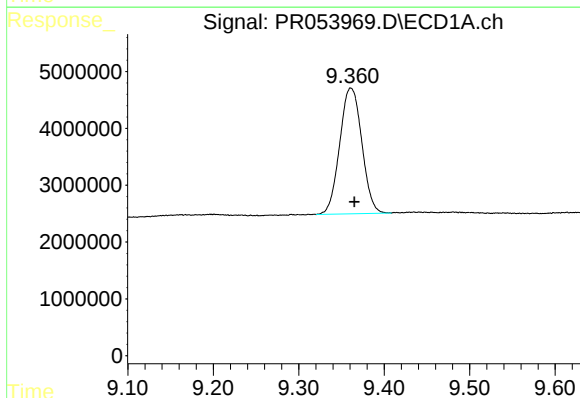
R.T.: 3.557 min
Delta R.T.: -0.001 min
Response: 41383030
Conc: 21.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



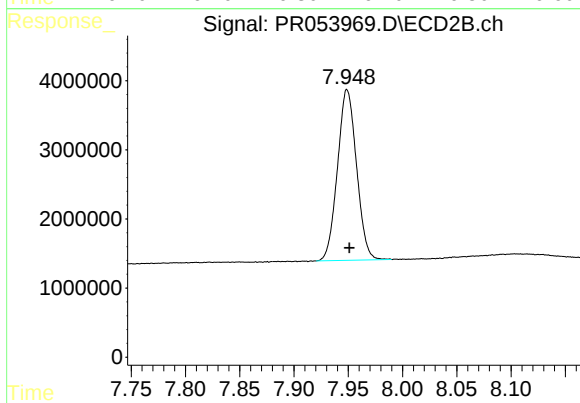
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 26227573
Conc: 20.85 ng/ml



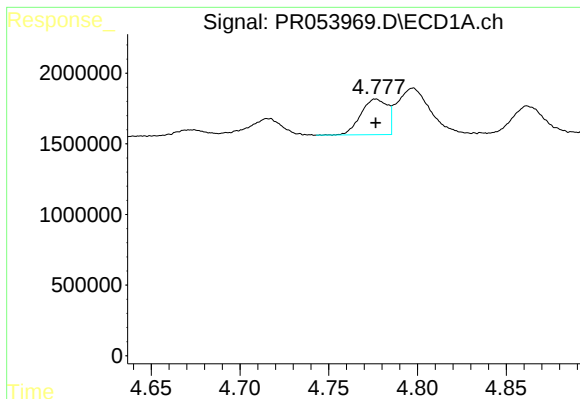
#2 Decachlorobiphenyl

R.T.: 9.361 min
Delta R.T.: -0.004 min
Response: 39830851
Conc: 23.76 ng/ml



#2 Decachlorobiphenyl

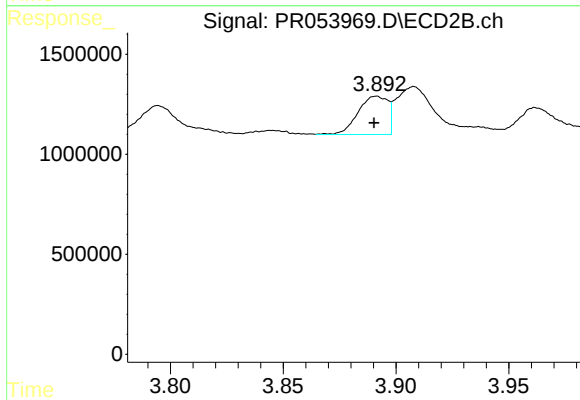
R.T.: 7.949 min
Delta R.T.: -0.002 min
Response: 30209239
Conc: 23.10 ng/ml



#3 AR-1016-1

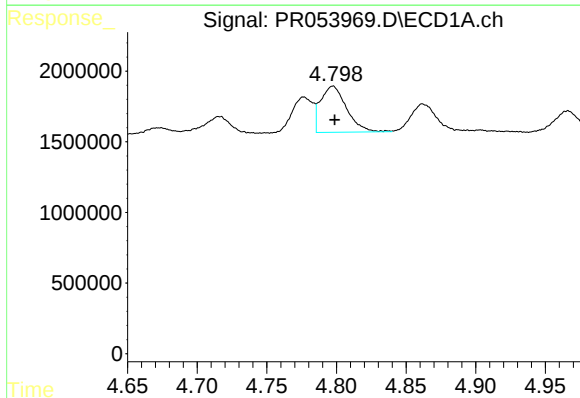
R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 2629120
Conc: 40.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



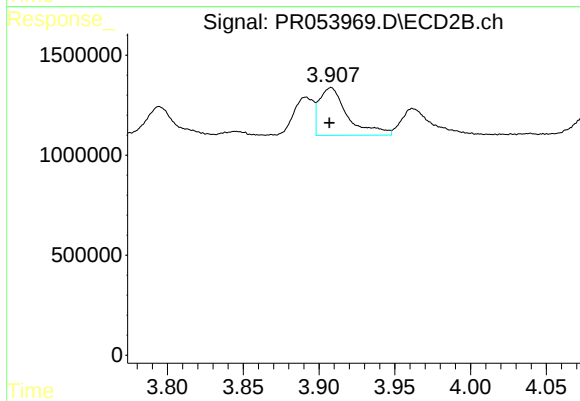
#3 AR-1016-1

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 1758180
Conc: 38.75 ng/ml



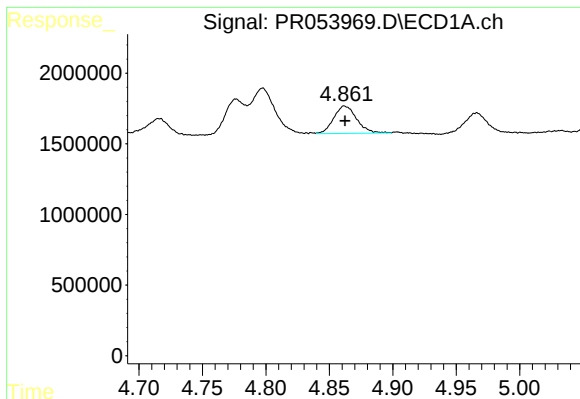
#4 AR-1016-2

R.T.: 4.798 min
Delta R.T.: -0.001 min
Response: 4251040
Conc: 43.14 ng/ml



#4 AR-1016-2

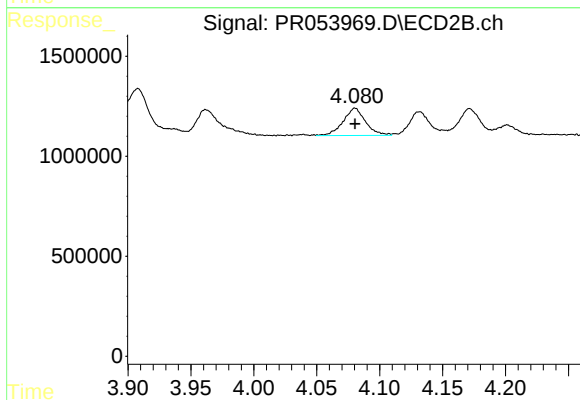
R.T.: 3.908 min
Delta R.T.: 0.001 min
Response: 3113524
Conc: 42.22 ng/ml



#5 AR-1016-3

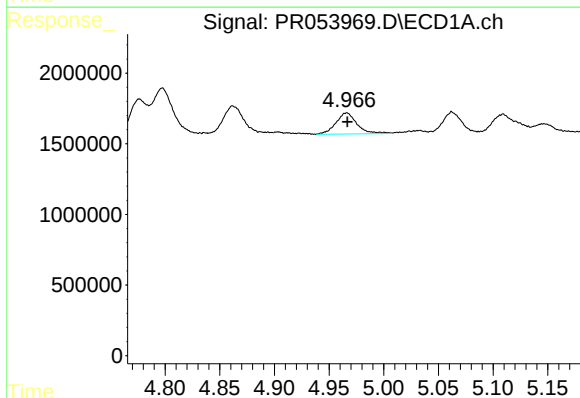
R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 2440769
Conc: 41.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



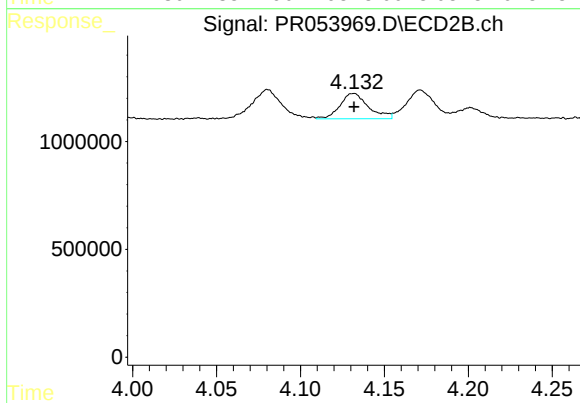
#5 AR-1016-3

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1689068
Conc: 41.61 ng/ml



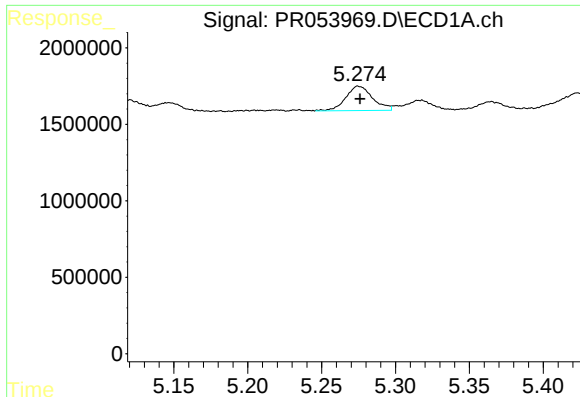
#6 AR-1016-4

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 2005560
Conc: 43.49 ng/ml



#6 AR-1016-4

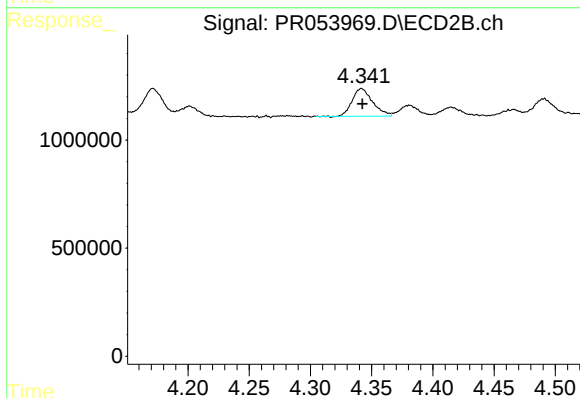
R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 1382705
Conc: 42.69 ng/ml



#7 AR-1016-5

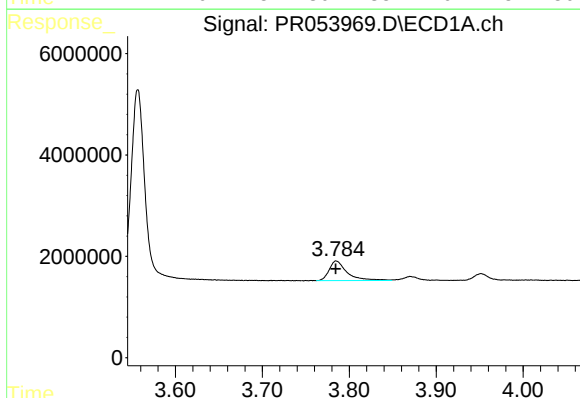
R.T.: 5.275 min
Delta R.T.: -0.001 min
Response: 2019980
Conc: 42.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



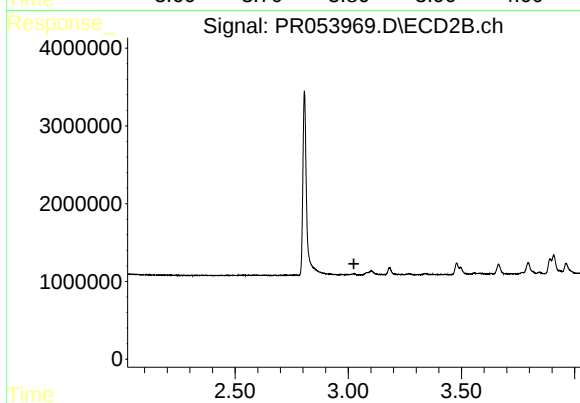
#7 AR-1016-5

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 1494836
Conc: 36.80 ng/ml



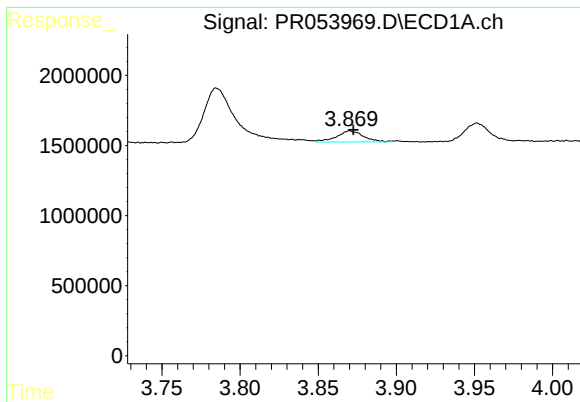
#8 AR-1221-1

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 5556160
Conc: 134.99 ng/ml



#8 AR-1221-1

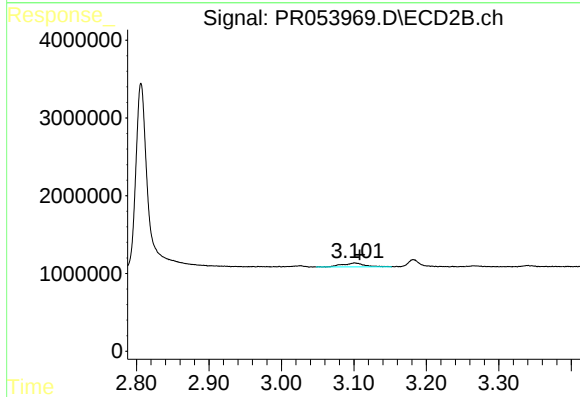
R.T.: 0.000 min
Exp R.T. : 3.025 min
Response: 0
Conc: N.D.



#9 AR-1221-2

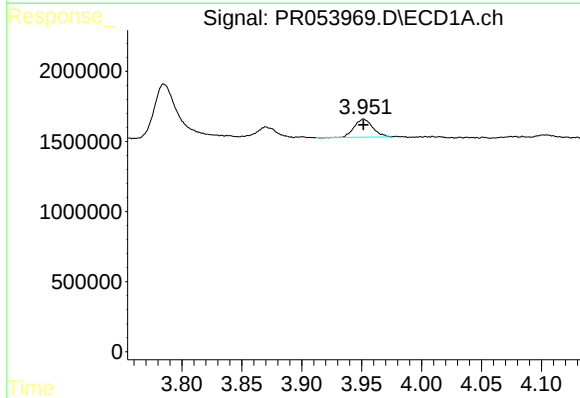
R.T.: 3.870 min
Delta R.T.: -0.002 min
Response: 951167
Conc: 30.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



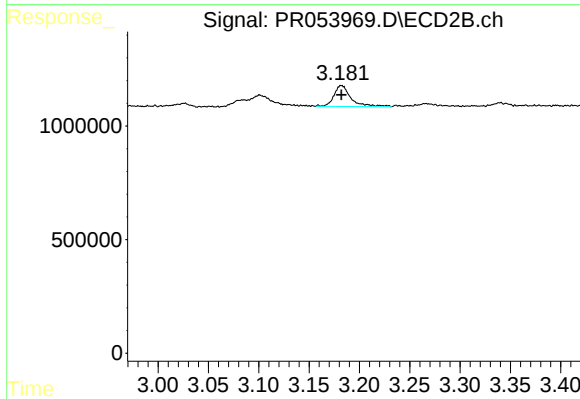
#9 AR-1221-2

R.T.: 3.101 min
Delta R.T.: -0.007 min
Response: 1040312
Conc: 47.54 ng/ml



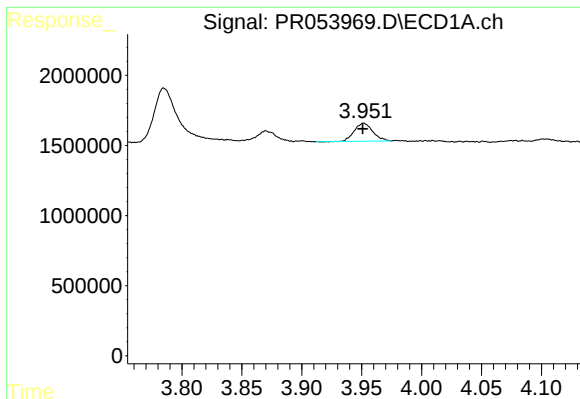
#10 AR-1221-3

R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 1376546
Conc: 14.14 ng/ml



#10 AR-1221-3

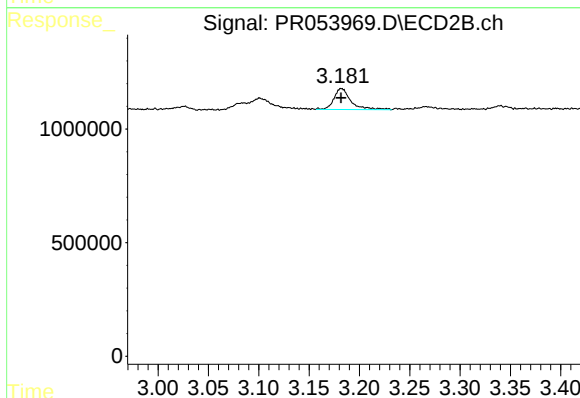
R.T.: 3.182 min
Delta R.T.: 0.000 min
Response: 1076547
Conc: 15.37 ng/ml



#11 AR-1232-1

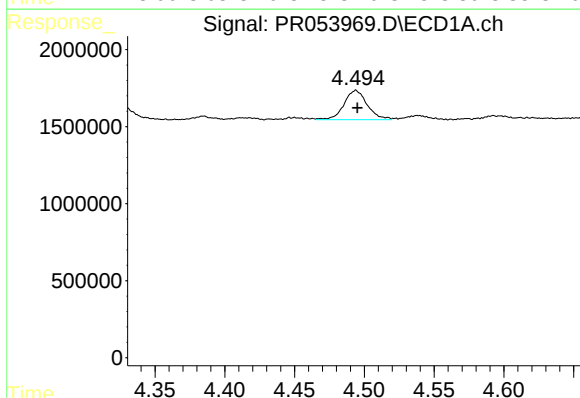
R.T.: 3.952 min
Delta R.T.: 0.000 min
Response: 1376546
Conc: 36.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



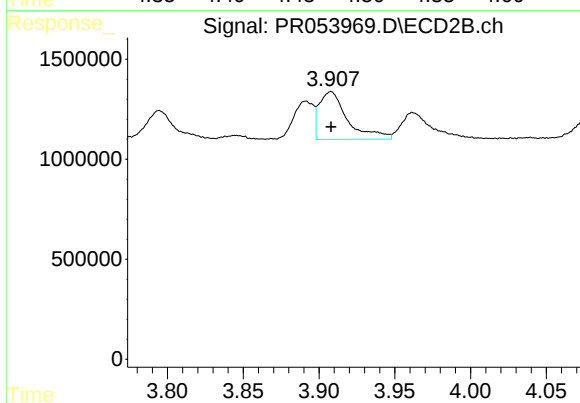
#11 AR-1232-1

R.T.: 3.182 min
Delta R.T.: 0.000 min
Response: 1076547
Conc: 40.78 ng/ml



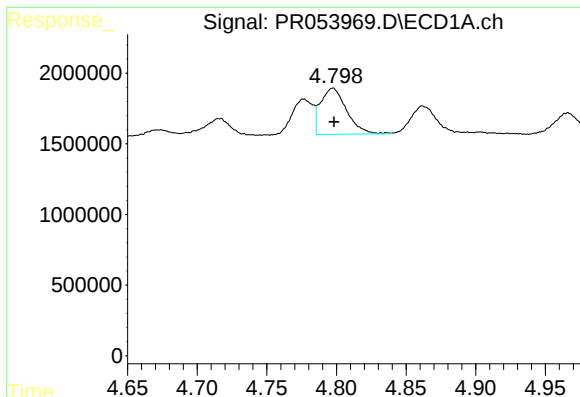
#12 AR-1232-2

R.T.: 4.494 min
Delta R.T.: -0.001 min
Response: 2210016
Conc: 104.38 ng/ml



#12 AR-1232-2

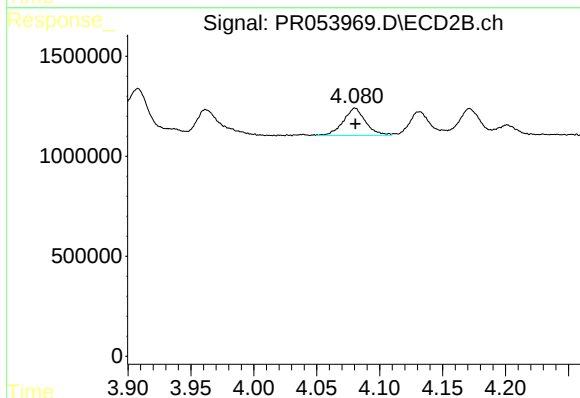
R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 3113524
Conc: 101.23 ng/ml



#13 AR-1232-3

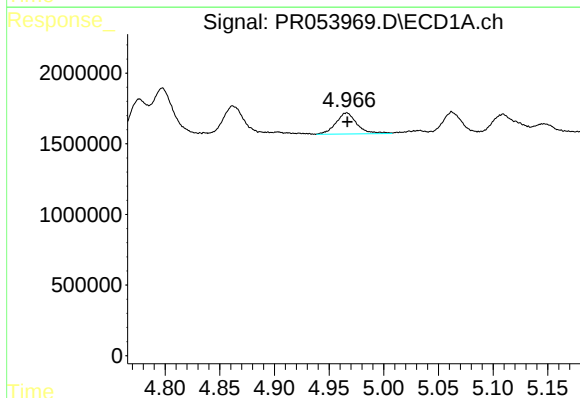
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 4251040
Conc: 106.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



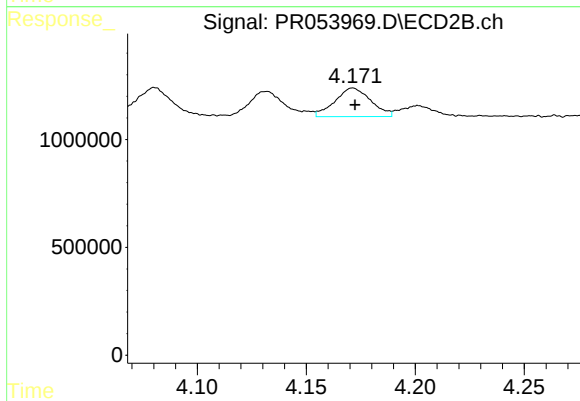
#13 AR-1232-3

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1689068
Conc: 106.10 ng/ml



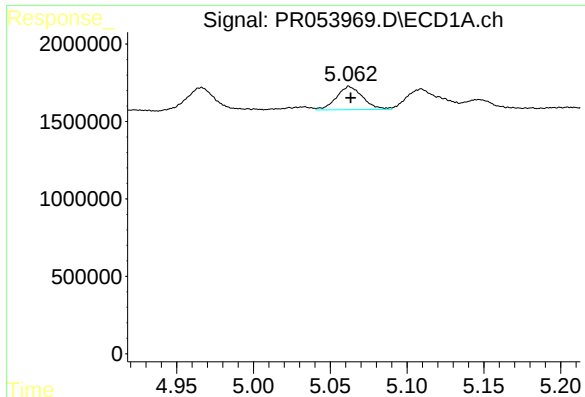
#14 AR-1232-4

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 2005560
Conc: 102.99 ng/ml



#14 AR-1232-4

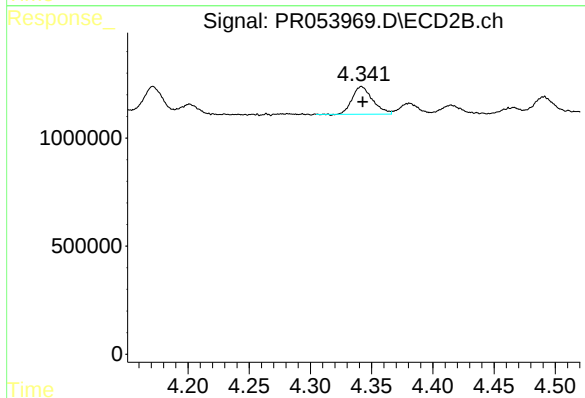
R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 1515267
Conc: 109.81 ng/ml



#15 AR-1232-5

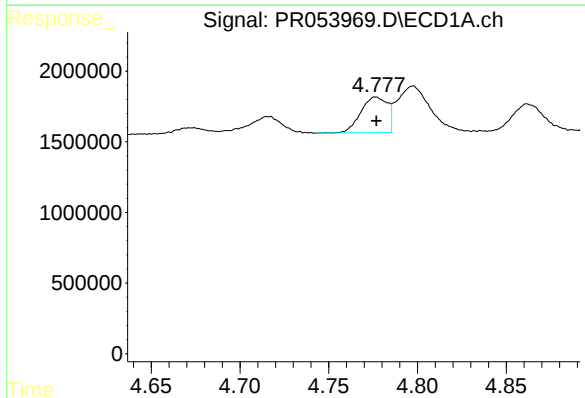
R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 1791700
Conc: 123.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



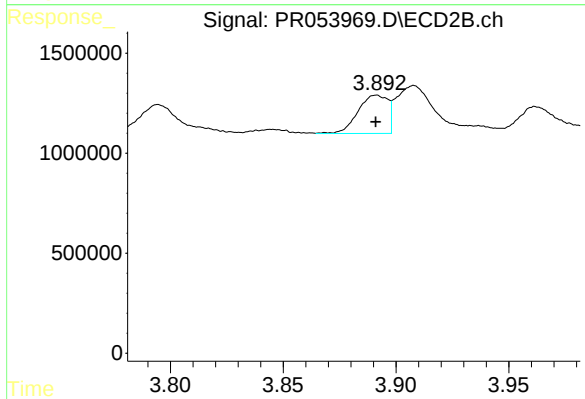
#15 AR-1232-5

R.T.: 4.342 min
Delta R.T.: -0.001 min
Response: 1494836
Conc: 93.75 ng/ml



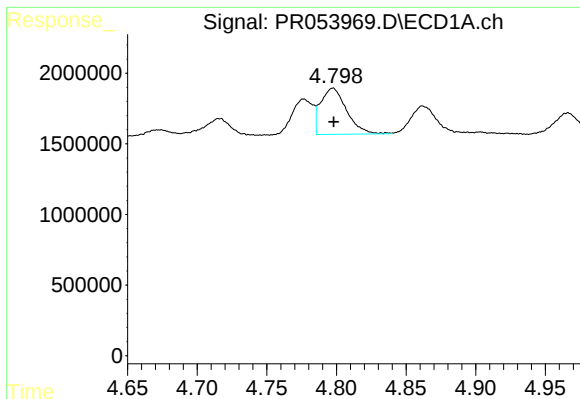
#16 AR-1242-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 2629120
Conc: 55.58 ng/ml



#16 AR-1242-1

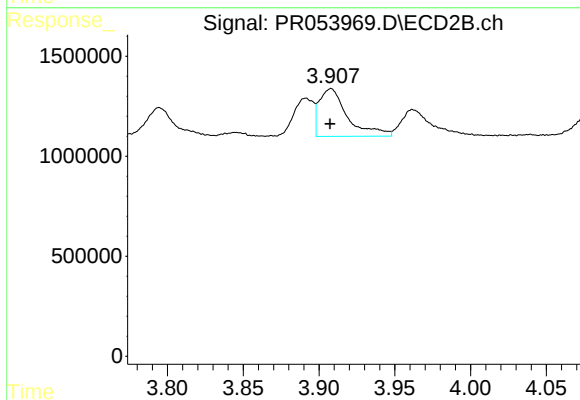
R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 1758180
Conc: 54.99 ng/ml



#17 AR-1242-2

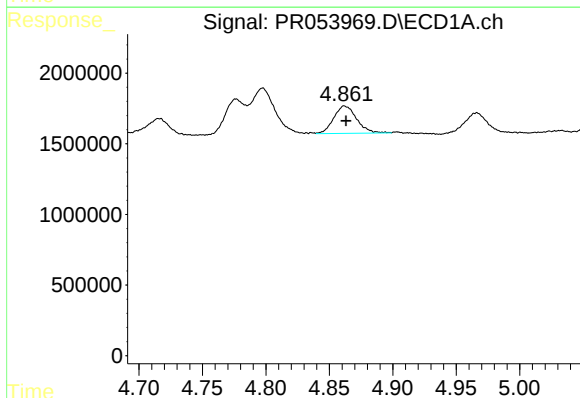
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 4251040
Conc: 60.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



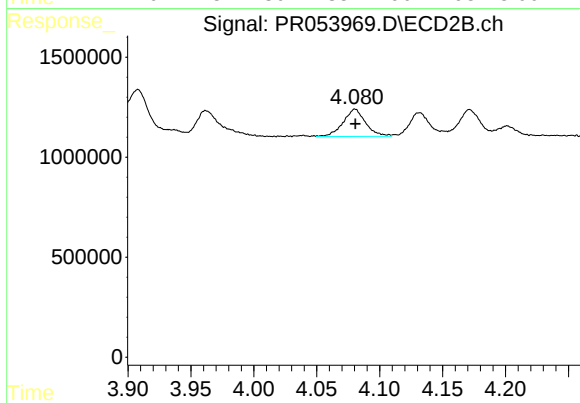
#17 AR-1242-2

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 3113524
Conc: 58.42 ng/ml



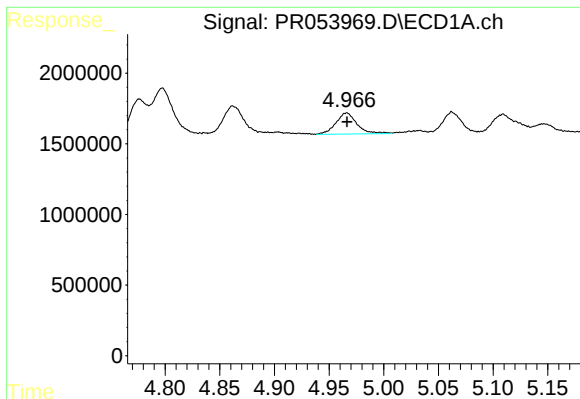
#18 AR-1242-3

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2440769
Conc: 55.44 ng/ml



#18 AR-1242-3

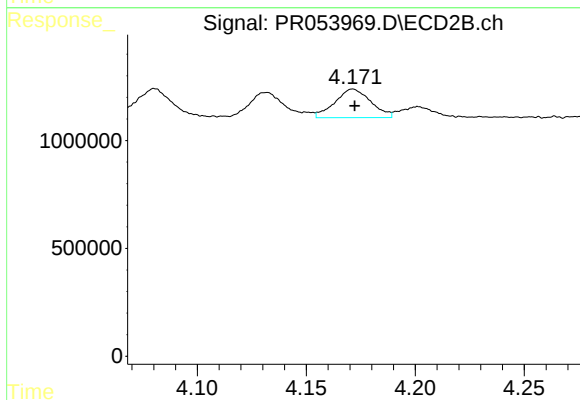
R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1689068
Conc: 60.31 ng/ml



#19 AR-1242-4

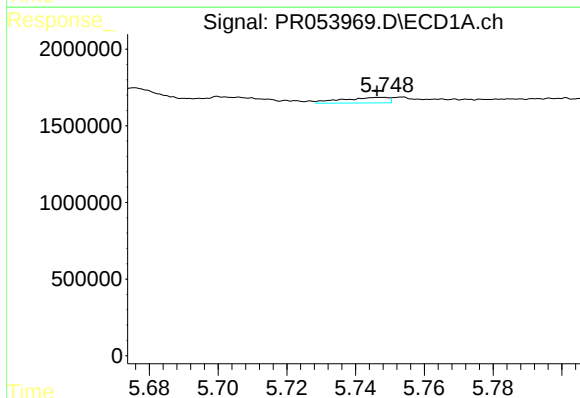
R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 2005560
Conc: 57.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



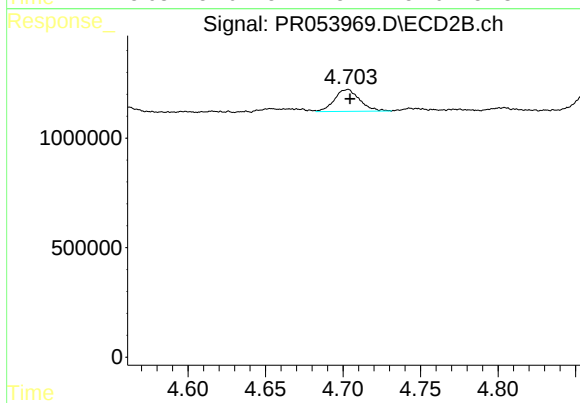
#19 AR-1242-4

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 1515267
Conc: 56.06 ng/ml



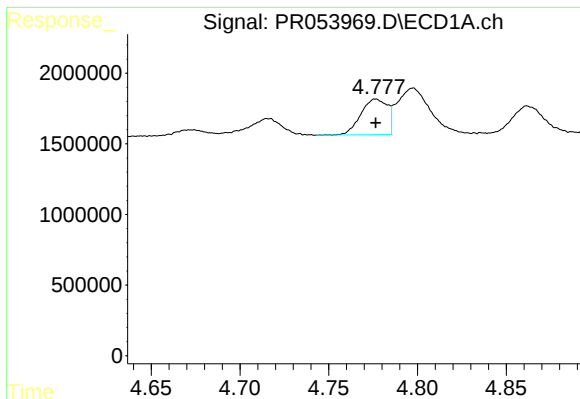
#20 AR-1242-5

R.T.: 5.748 min
Delta R.T.: 0.002 min
Response: 335934
Conc: 7.67 ng/ml



#20 AR-1242-5

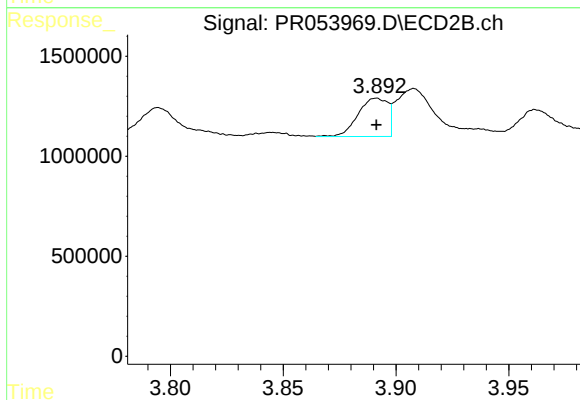
R.T.: 4.703 min
Delta R.T.: -0.002 min
Response: 1134288
Conc: 32.46 ng/ml



#21 AR-1248-1

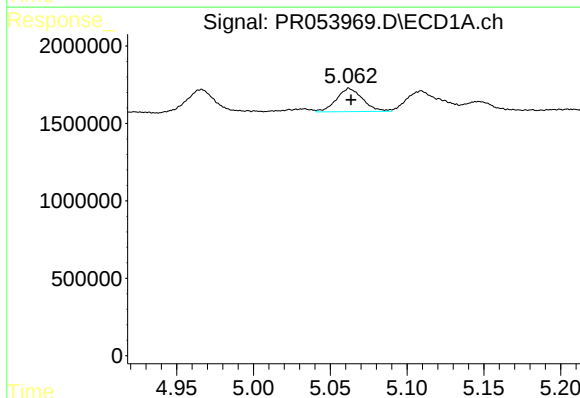
R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 2629120
Conc: 70.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



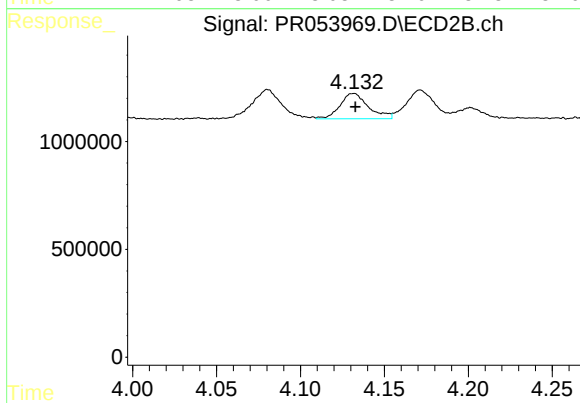
#21 AR-1248-1

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 1758180
Conc: 67.62 ng/ml



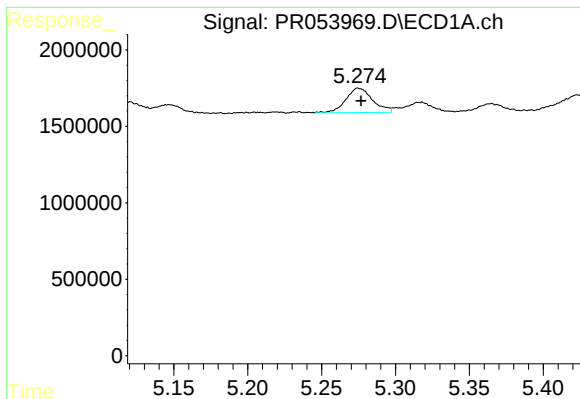
#22 AR-1248-2

R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 1791700
Conc: 35.65 ng/ml



#22 AR-1248-2

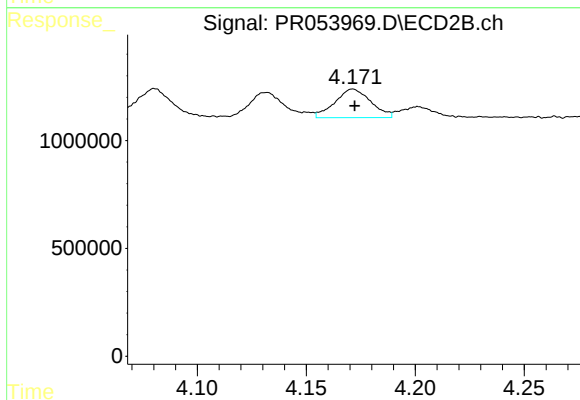
R.T.: 4.132 min
Delta R.T.: -0.001 min
Response: 1382705
Conc: 33.91 ng/ml



#23 AR-1248-3

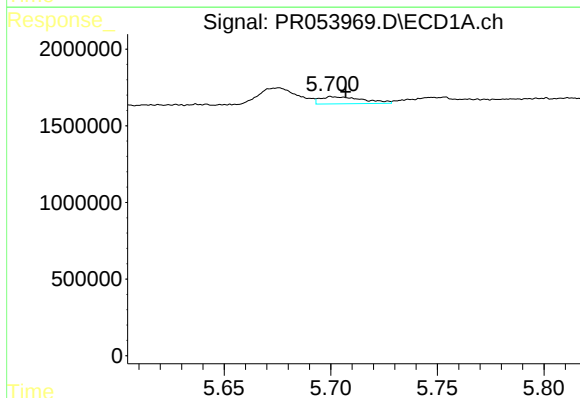
R.T.: 5.275 min
Delta R.T.: -0.002 min
Response: 2019980
Conc: 34.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



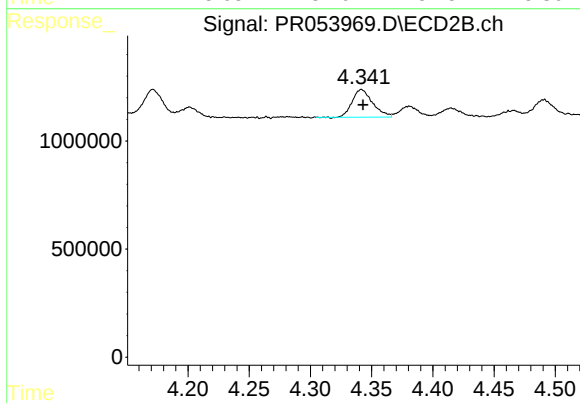
#23 AR-1248-3

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 1515267
Conc: 39.03 ng/ml



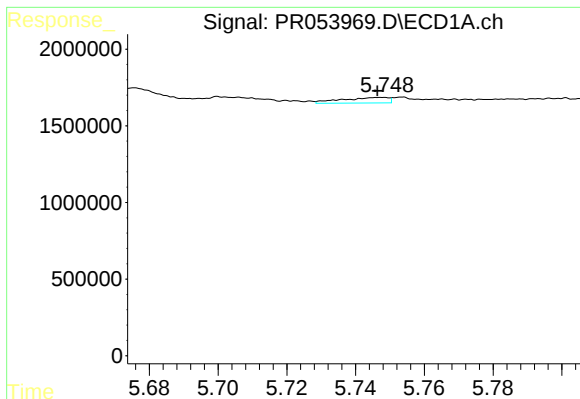
#24 AR-1248-4

R.T.: 5.700 min
Delta R.T.: -0.007 min
Response: 654415
Conc: 10.10 ng/ml



#24 AR-1248-4

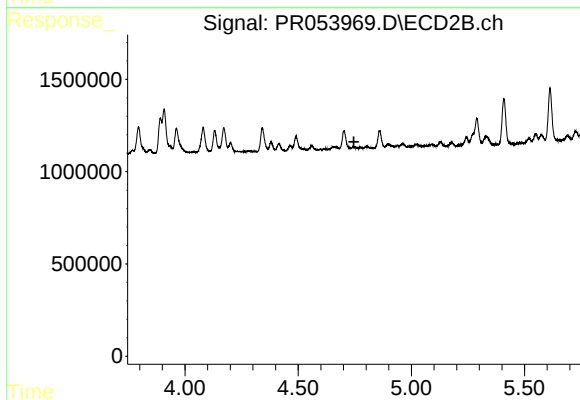
R.T.: 4.342 min
Delta R.T.: -0.001 min
Response: 1494836
Conc: 31.24 ng/ml



#25 AR-1248-5

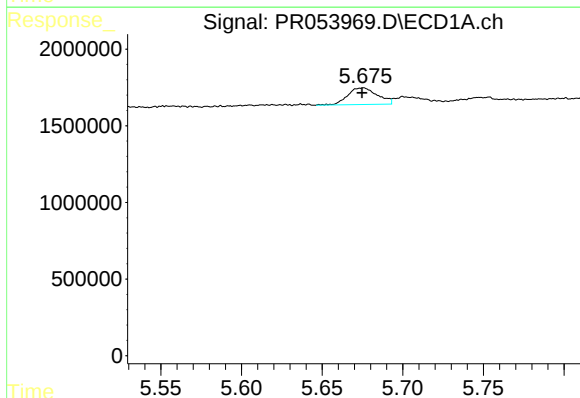
R.T.: 5.748 min
Delta R.T.: 0.002 min
Response: 335934
Conc: 5.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



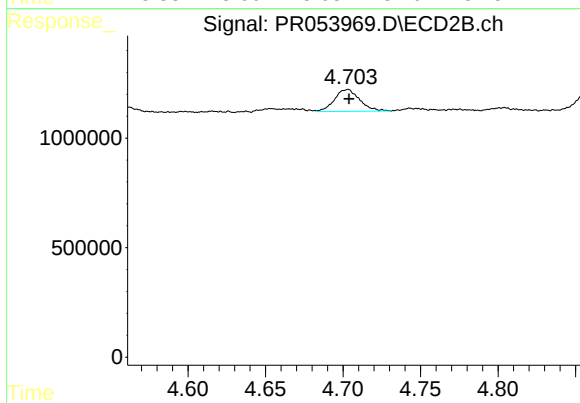
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 4.746 min
Response: 0
Conc: N.D.



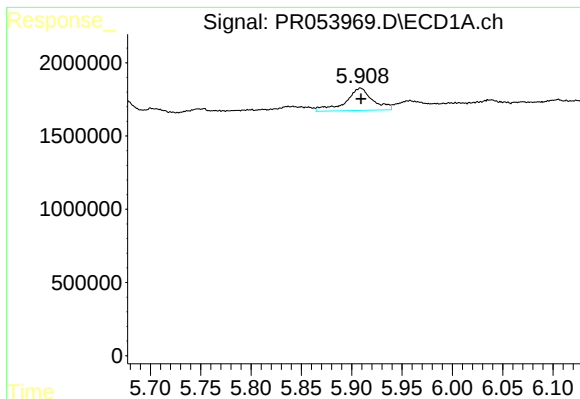
#26 AR-1254-1

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 1399925
Conc: 21.22 ng/ml



#26 AR-1254-1

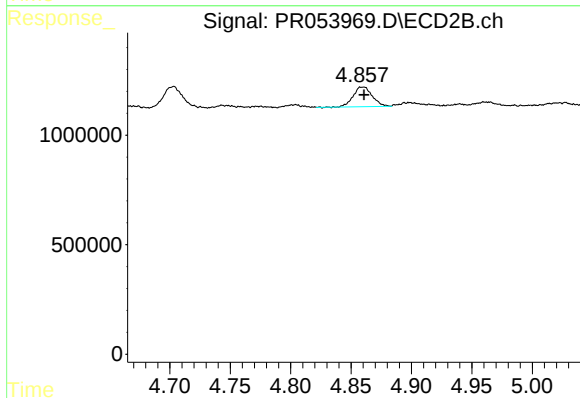
R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 1134288
Conc: 16.13 ng/ml



#27 AR-1254-2

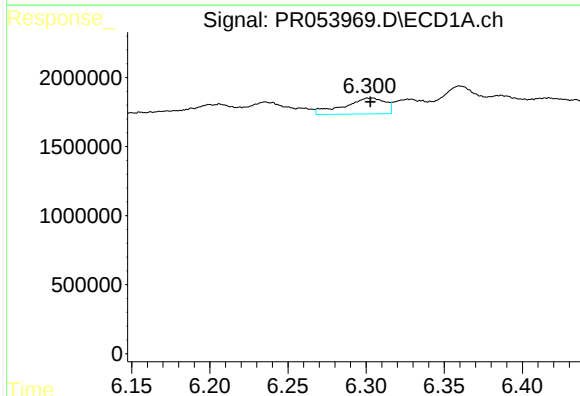
R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 2837352
Conc: 26.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



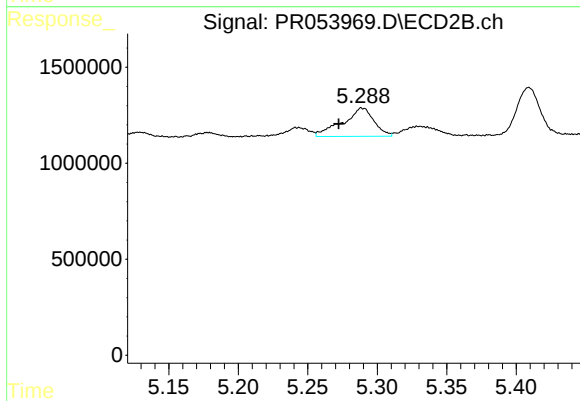
#27 AR-1254-2

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 981980
Conc: 15.13 ng/ml



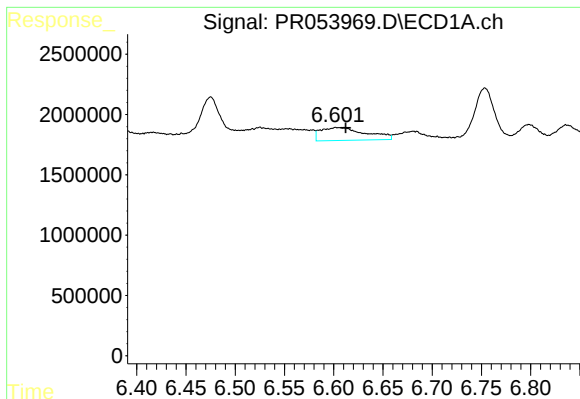
#28 AR-1254-3

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 2134383
Conc: 18.46 ng/ml



#28 AR-1254-3

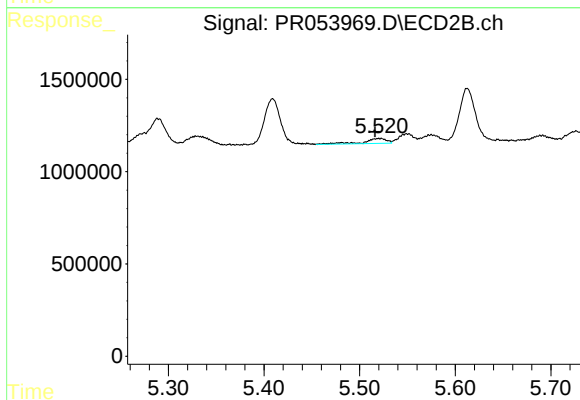
R.T.: 5.289 min
Delta R.T.: 0.017 min
Response: 2310439
Conc: 23.73 ng/ml



#29 AR-1254-4

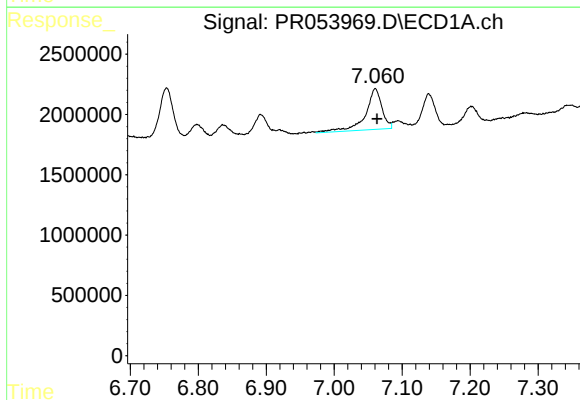
R.T.: 6.603 min
Delta R.T.: -0.010 min
Response: 3432532
Conc: 37.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



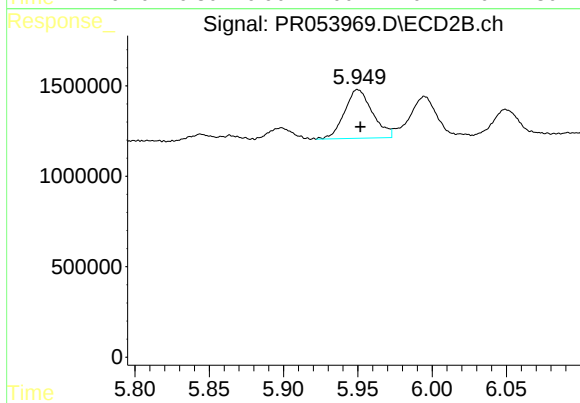
#29 AR-1254-4

R.T.: 5.521 min
Delta R.T.: 0.005 min
Response: 428808
Conc: 7.41 ng/ml



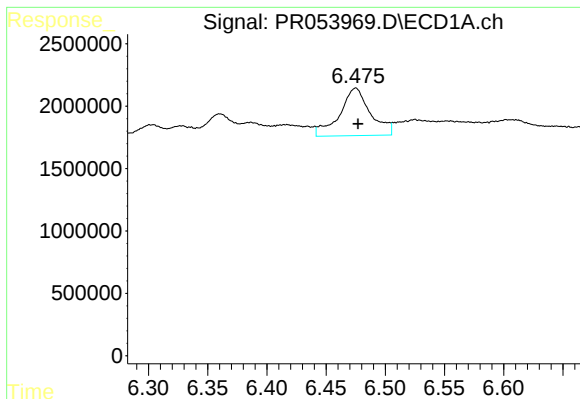
#30 AR-1254-5

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 5684329
Conc: 63.00 ng/ml



#30 AR-1254-5

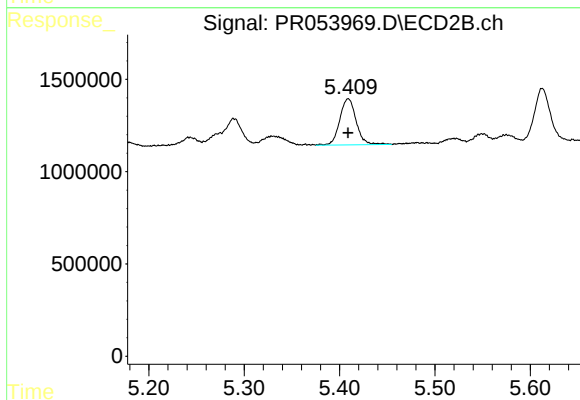
R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 3524862
Conc: 38.45 ng/ml



#31 AR-1260-1

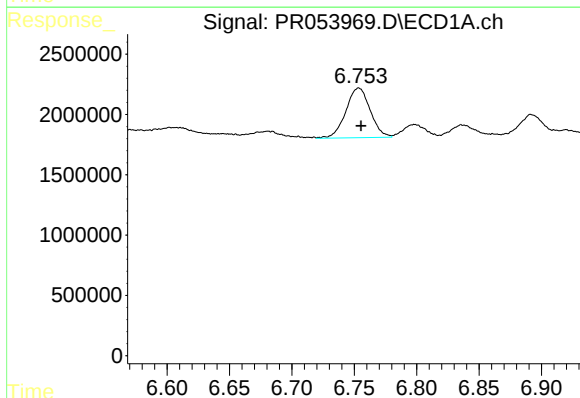
R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 6920628
Conc: 76.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



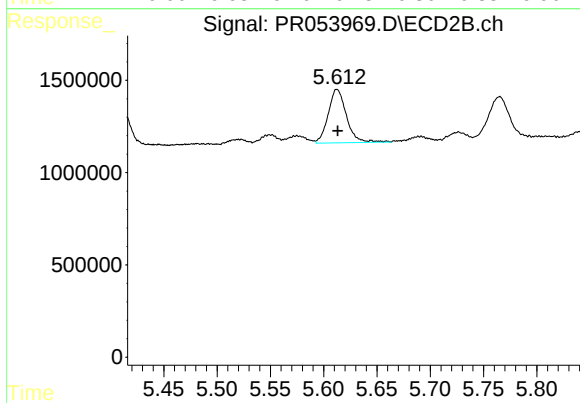
#31 AR-1260-1

R.T.: 5.409 min
Delta R.T.: 0.000 min
Response: 2968532
Conc: 39.16 ng/ml



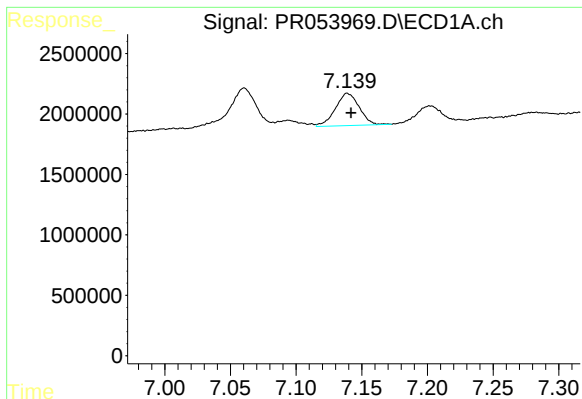
#32 AR-1260-2

R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 5577282
Conc: 52.57 ng/ml



#32 AR-1260-2

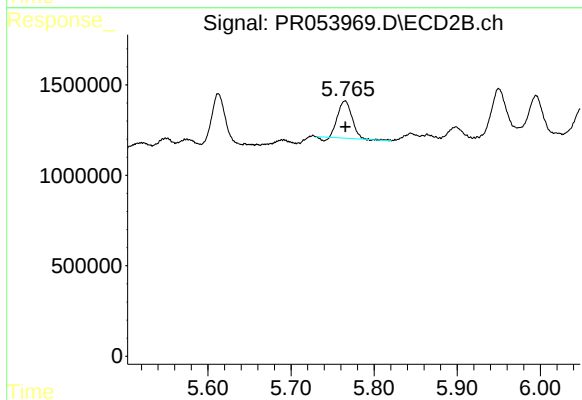
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 3442797
Conc: 39.19 ng/ml



#33 AR-1260-3

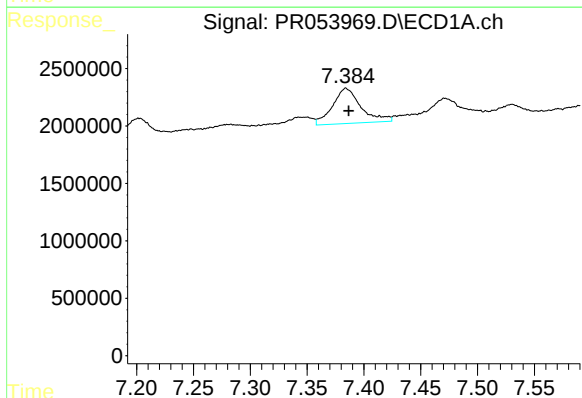
R.T.: 7.139 min
Delta R.T.: -0.003 min
Response: 3383823
Conc: 50.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



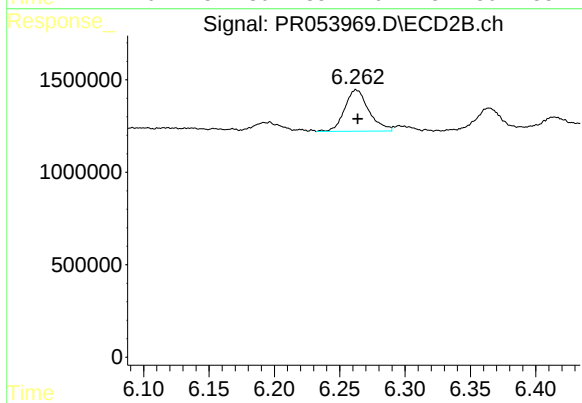
#33 AR-1260-3

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 2408469
Conc: 28.07 ng/ml



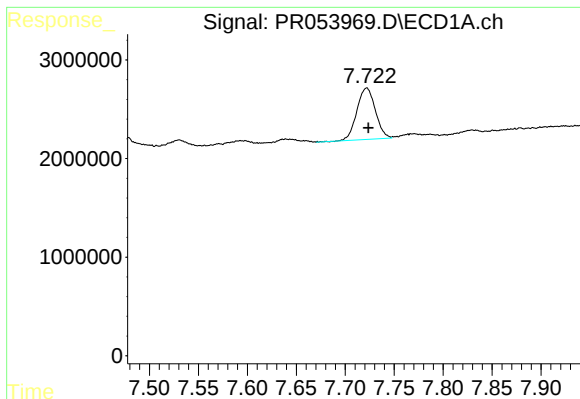
#34 AR-1260-4

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 5320224
Conc: 62.37 ng/ml



#34 AR-1260-4

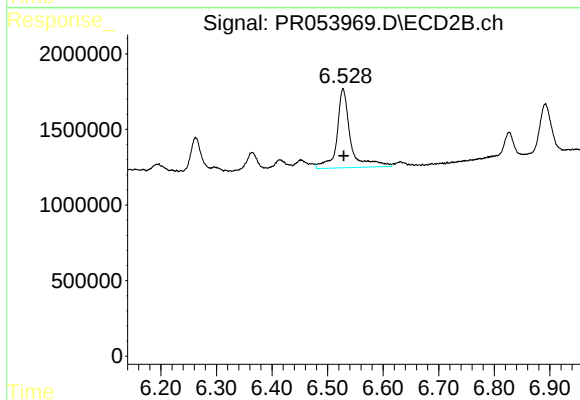
R.T.: 6.263 min
Delta R.T.: -0.001 min
Response: 2880643
Conc: 46.02 ng/ml



#35 AR-1260-5

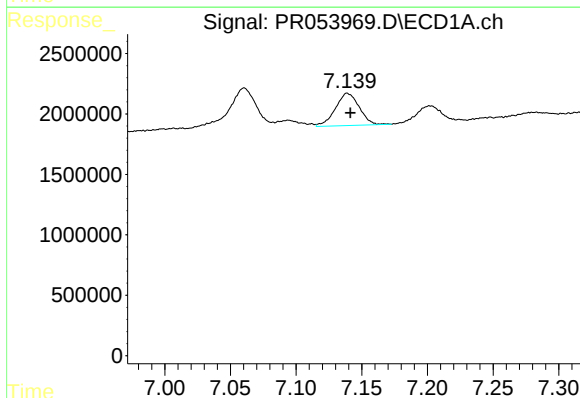
R.T.: 7.722 min
Delta R.T.: -0.002 min
Response: 6880007
Conc: 42.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



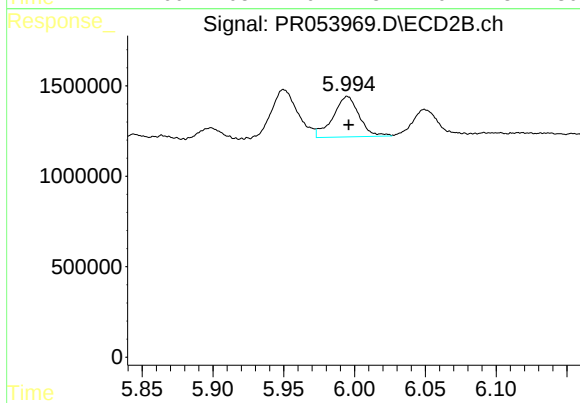
#35 AR-1260-5

R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 8849825
Conc: 53.79 ng/ml



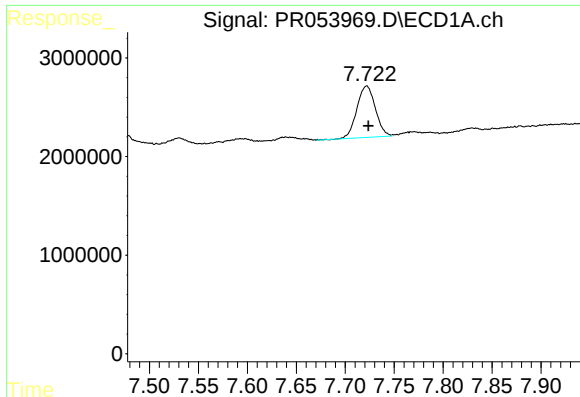
#36 AR-1262-1

R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 3383823
Conc: 31.60 ng/ml



#36 AR-1262-1

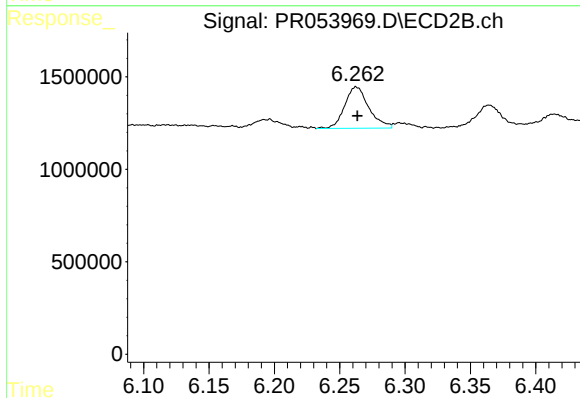
R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 2874018
Conc: 30.33 ng/ml



#37 AR-1262-2

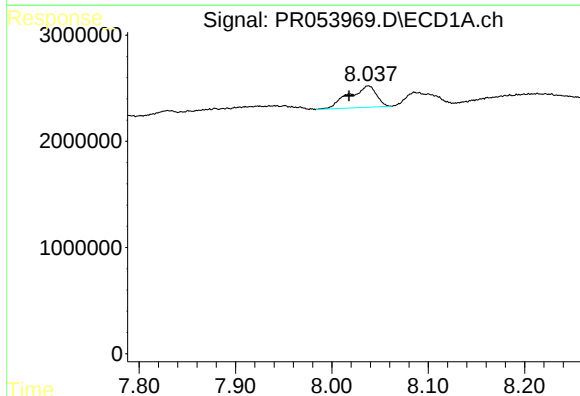
R.T.: 7.722 min
Delta R.T.: -0.002 min
Response: 6880007
Conc: 36.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



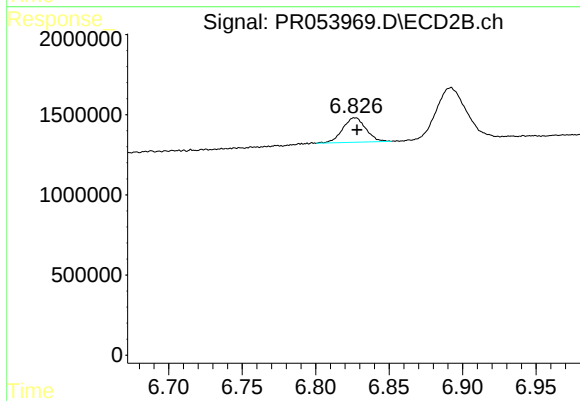
#37 AR-1262-2

R.T.: 6.263 min
Delta R.T.: -0.001 min
Response: 2880643
Conc: 33.95 ng/ml



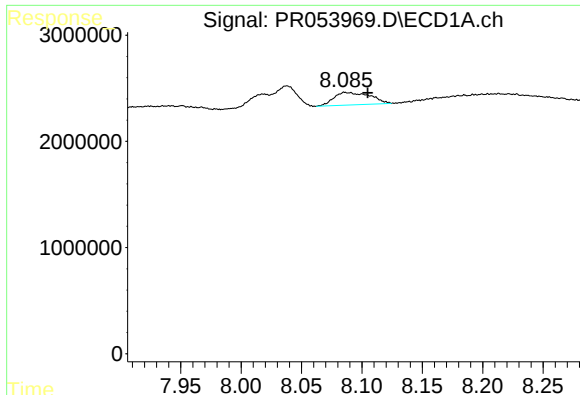
#38 AR-1262-3

R.T.: 8.038 min
Delta R.T.: 0.020 min
Response: 4031943
Conc: 48.14 ng/ml



#38 AR-1262-3

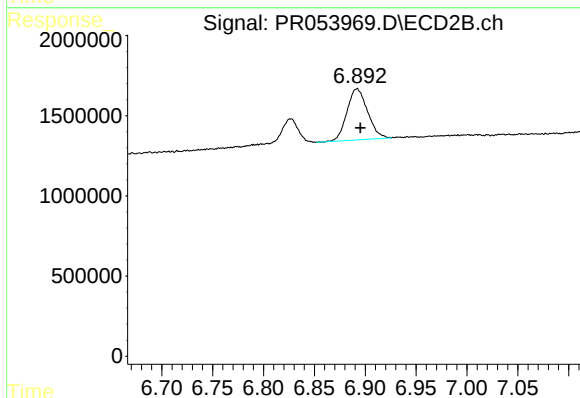
R.T.: 6.827 min
Delta R.T.: -0.001 min
Response: 1683748
Conc: 25.52 ng/ml



#39 AR-1262-4

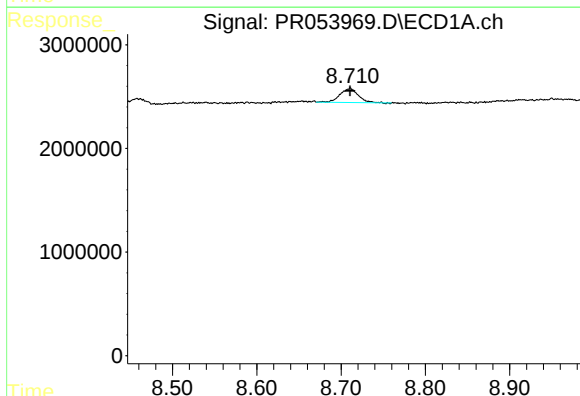
R.T.: 8.086 min
Delta R.T.: -0.019 min
Response: 2474479
Conc: 46.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



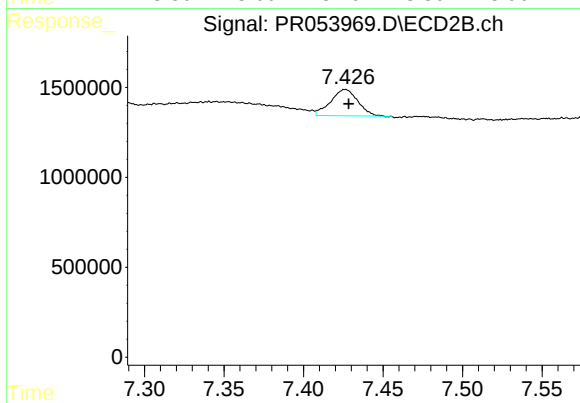
#39 AR-1262-4

R.T.: 6.892 min
Delta R.T.: -0.003 min
Response: 4500160
Conc: 37.38 ng/ml



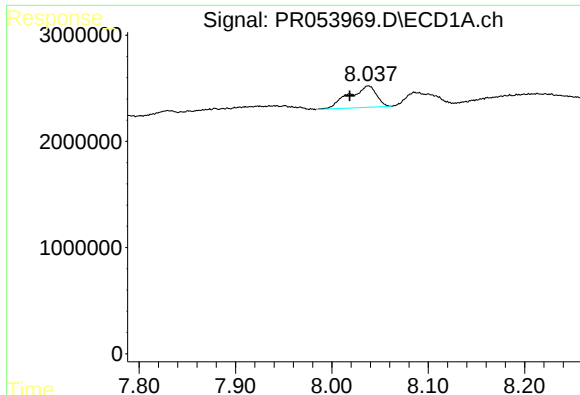
#40 AR-1262-5

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 2009124
Conc: 29.05 ng/ml



#40 AR-1262-5

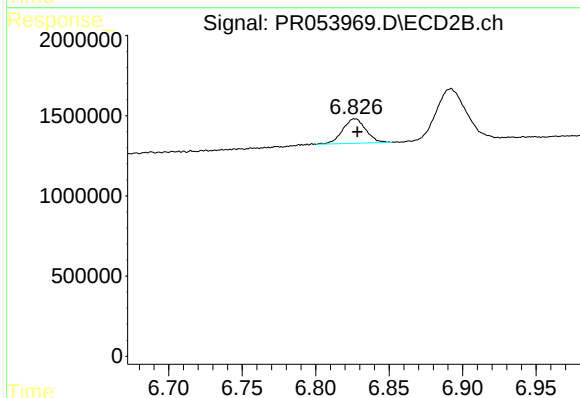
R.T.: 7.426 min
Delta R.T.: -0.002 min
Response: 1731426
Conc: 32.53 ng/ml



#41 AR-1268-1

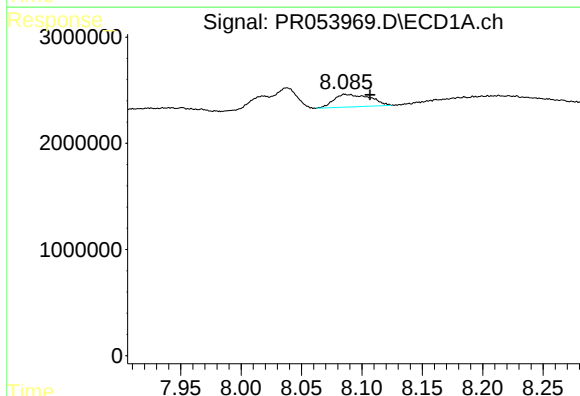
R.T.: 8.038 min
Delta R.T.: 0.019 min
Response: 4031943
Conc: 18.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



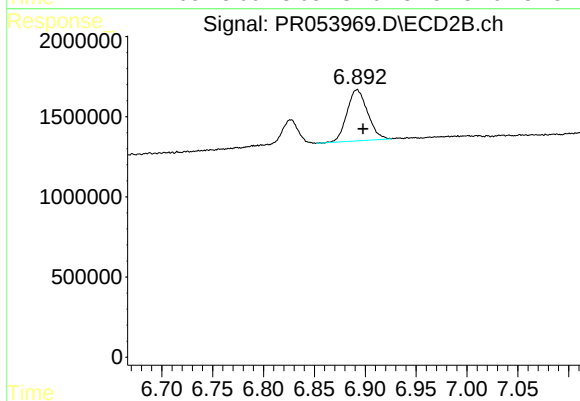
#41 AR-1268-1

R.T.: 6.827 min
Delta R.T.: -0.001 min
Response: 1683748
Conc: 9.19 ng/ml



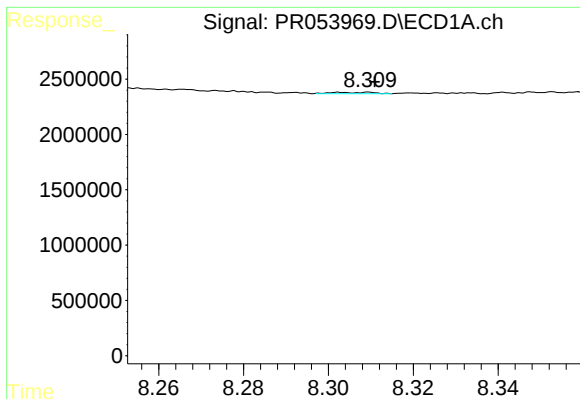
#42 AR-1268-2

R.T.: 8.086 min
Delta R.T.: -0.021 min
Response: 2474479
Conc: 12.30 ng/ml



#42 AR-1268-2

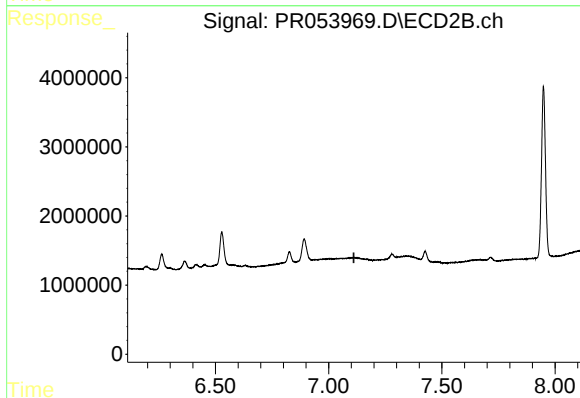
R.T.: 6.892 min
Delta R.T.: -0.006 min
Response: 4500160
Conc: 26.42 ng/ml



#43 AR-1268-3

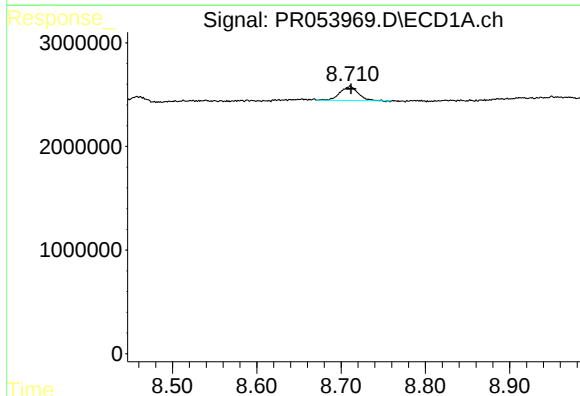
R.T.: 8.309 min
Delta R.T.: -0.001 min
Response: 81882
Conc: 0.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



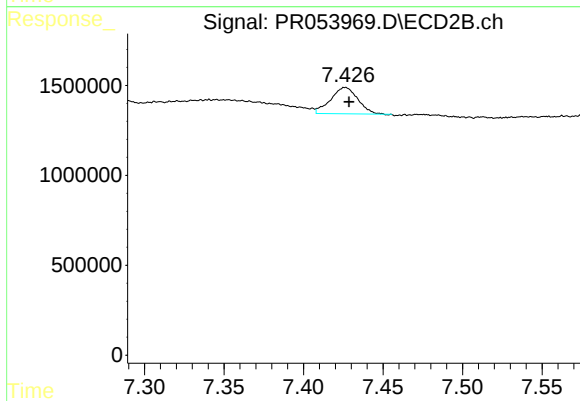
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.112 min
Response: 0
Conc: N.D.



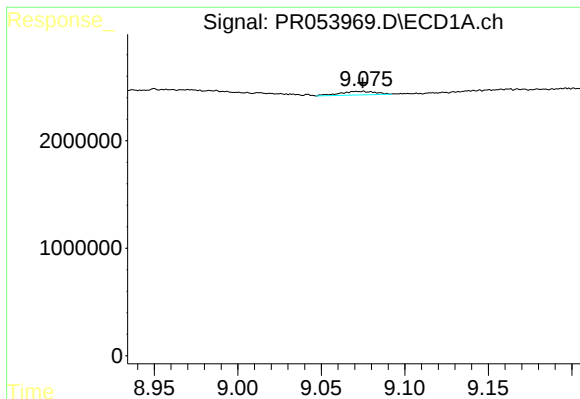
#44 AR-1268-4

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 2009124
Conc: 27.84 ng/ml



#44 AR-1268-4

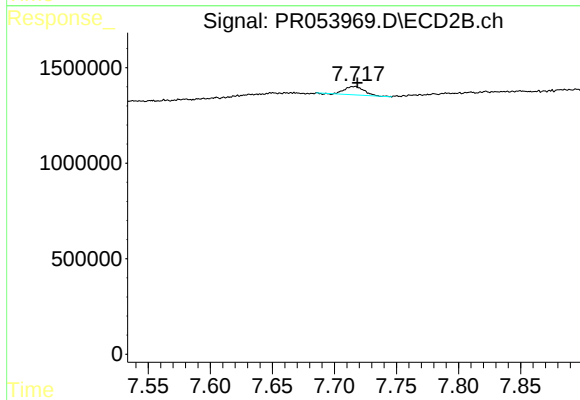
R.T.: 7.426 min
Delta R.T.: -0.002 min
Response: 1731426
Conc: 30.63 ng/ml



#45 AR-1268-5

R.T.: 9.071 min
Delta R.T.: -0.004 min
Response: 481761
Conc: 0.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.716 min
Delta R.T.: -0.002 min
Response: 461215
Conc: 1.00 ng/ml