

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR031122\
 Data File : PR053948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2022 17:14
 Operator : AJ\MA
 Sample : N1645-07
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 03:58:28 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...	3.558	2.806	36520125	23294505	19.183	18.518
2)	SA Decachlor...	9.362	7.951	36080457	27027802	21.521	20.669
Target Compounds							
3)	L1 AR-1016-1	4.777	3.891	1539164	964063	23.619	21.249
4)	L1 AR-1016-2	4.799	3.908	2564032	1933324	26.019	26.213
5)	L1 AR-1016-3	4.864	4.080	1702003	1018072	28.755	25.082
6)	L1 AR-1016-4	4.966	4.130	978799	636659	21.225	19.656
7)	L1 AR-1016-5	5.276	4.341	1182048	1054813	25.018	25.970
8)	L2 AR-1221-1	3.785	0.000	1045905	0	25.410	N.D. #
9)	L2 AR-1221-2	3.870	3.101	737522	333037	23.983	15.218 #
10)	L2 AR-1221-3	3.951	3.181	1012241	470333	10.395	6.715 #
11)	L3 AR-1232-1	3.951	3.181	1012241	470333	26.532	17.816 #
12)	L3 AR-1232-2	4.493	3.908	1292248	1933324	61.031	62.858
13)	L3 AR-1232-3	4.799	4.080	2564032	1018072	64.326	63.951
14)	L3 AR-1232-4	4.966	4.172	978799	806954	50.262	58.478
15)	L3 AR-1232-5	5.062	4.341	916436	1054813	63.323	66.154
16)	L4 AR-1242-1	4.777	3.891	1539164	964063	32.541	30.153
17)	L4 AR-1242-2	4.799	3.908	2564032	1933324	36.239	36.277
18)	L4 AR-1242-3	4.864	4.080	1702003	1018072	38.657	36.350
19)	L4 AR-1242-4	4.966	4.172	978799	806954	28.006	29.854
20)	L4 AR-1242-5	5.745	4.703	306581	561808	7.000	16.077 #
21)	L5 AR-1248-1	4.777	3.891	1539164	964063	41.510	37.076
22)	L5 AR-1248-2	5.062	4.130	916436	636659	18.236	15.615
23)	L5 AR-1248-3	5.276	4.172	1182048	806954	20.158	20.788
24)	L5 AR-1248-4	5.705	4.341	446550	1054813	6.890	22.046 #
25)	L5 AR-1248-5	5.745	4.776f	306581	171657	4.661	3.841
26)	L6 AR-1254-1	5.675	4.703	876308	561808	13.284	7.991 #
27)	L6 AR-1254-2	5.908	4.860	1951525	582817	17.905	8.981 #
28)	L6 AR-1254-3	6.301	5.289f	1493580	1487710	12.915	15.277
29)	L6 AR-1254-4	6.607	0.000	3195627	0	35.241	N.D. #
30)	L6 AR-1254-5	7.062	5.950	3090380	1920569	34.254	20.953 #
31)	L7 AR-1260-1	6.476	5.408	6577766	1791875	72.791	23.635 #
32)	L7 AR-1260-2	6.756	5.613	2630403	1936383	24.792	22.042
33)	L7 AR-1260-3	7.141	5.765	2009289	1816499	29.977	21.170 #
34)	L7 AR-1260-4	7.385	6.262	4015841	1370582	47.077	21.896 #
35)	L7 AR-1260-5	7.723	6.528	4326853	3636684	26.632	22.102
36)	L8 AR-1262-1	7.141	5.993	2009289	1543683	18.765	16.292
37)	L8 AR-1262-2	7.723	6.262	4326853	1370582	22.855	16.155 #
38)	L8 AR-1262-3	8.038f	6.828	2186667	947472	26.105	14.360 #
39)	L8 AR-1262-4	8.105	6.894	1646310	2579801	31.114	21.431 #
40)	L8 AR-1262-5	8.711	7.425	1380754	1417387	19.967	26.631 #
41)	L9 AR-1268-1	8.038f	6.828	2186667	947472	9.887	5.169 #

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 Quant Time: Mar 11 03:58:28 2022
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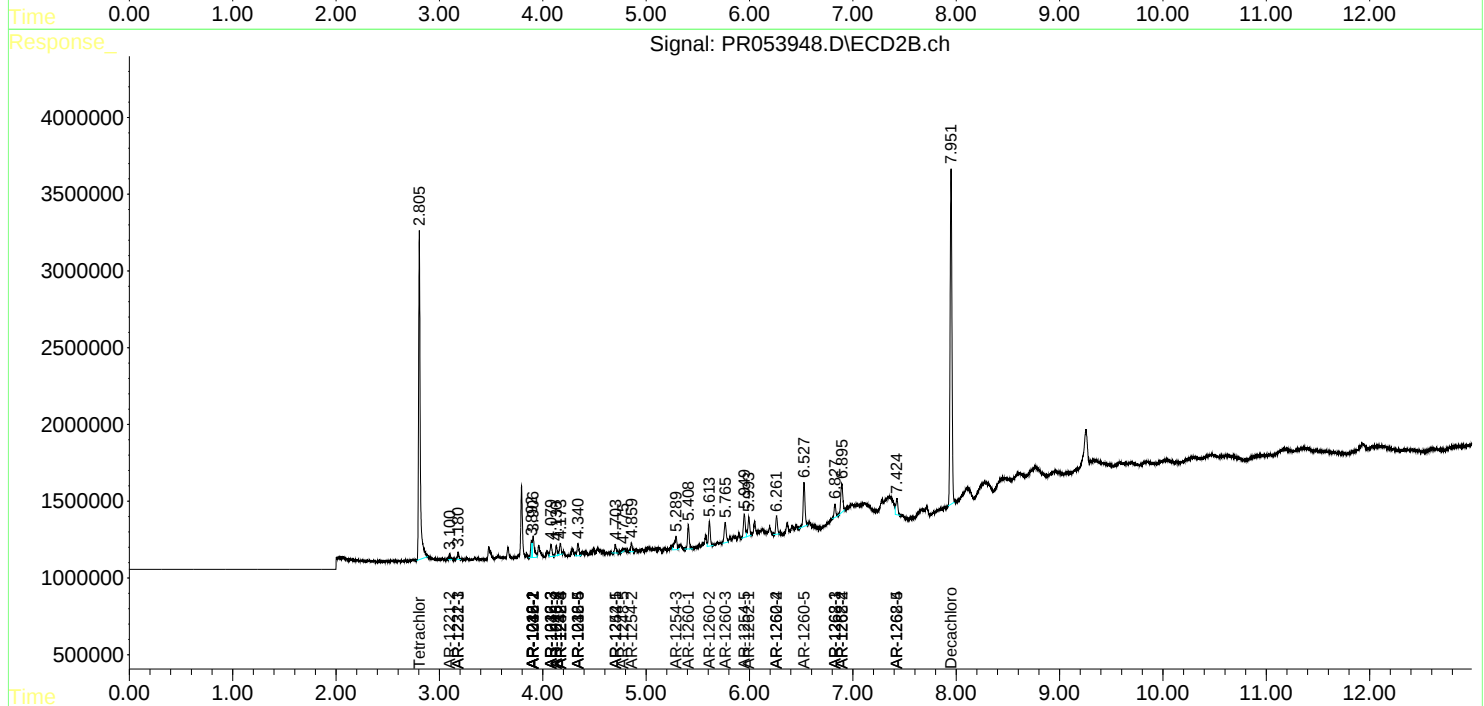
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

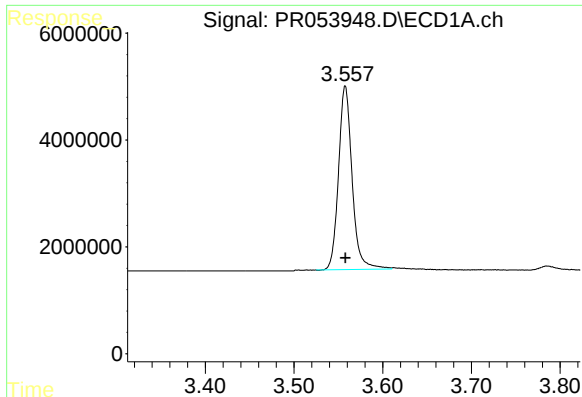
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.105	6.894	1646310	2579801	8.185	15.144 #
44) L9	AR-1268-4	8.711	7.425	1380754	1417387	19.132	25.074 #
45) L9	AR-1268-5	9.070	0.000	219682	0	0.379	N.D. #

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

Instrument :
ECD_R
ClientSampleId :

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

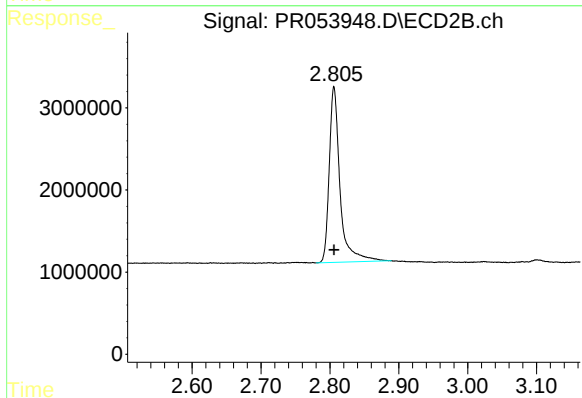




#1 Tetrachloro-m-xylene

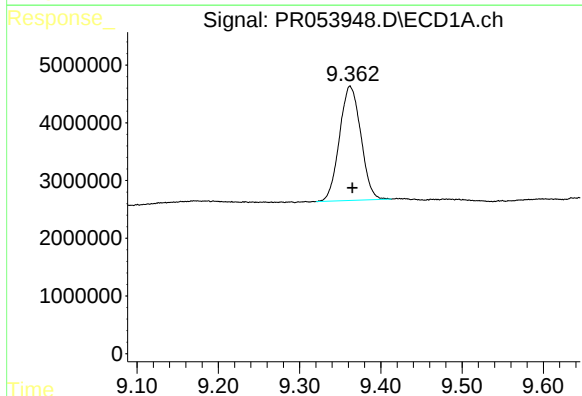
R.T.: 3.558 min
Delta R.T.: 0.000 min
Response: 36520125
Conc: 19.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



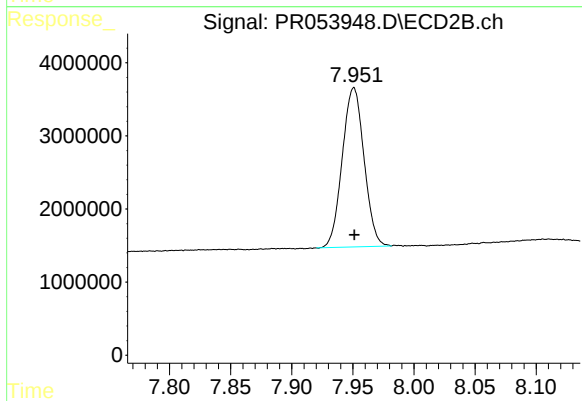
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 23294505
Conc: 18.52 ng/ml



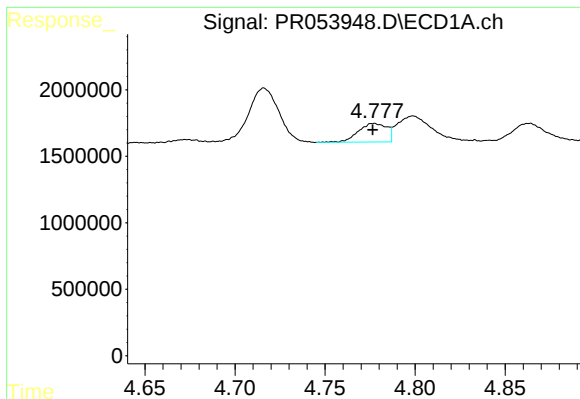
#2 Decachlorobiphenyl

R.T.: 9.362 min
Delta R.T.: -0.003 min
Response: 36080457
Conc: 21.52 ng/ml



#2 Decachlorobiphenyl

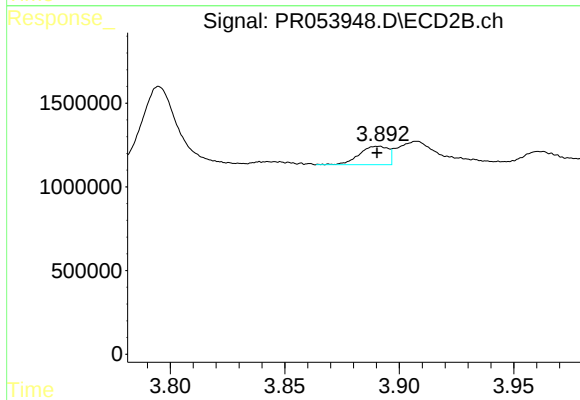
R.T.: 7.951 min
Delta R.T.: 0.000 min
Response: 27027802
Conc: 20.67 ng/ml



#3 AR-1016-1

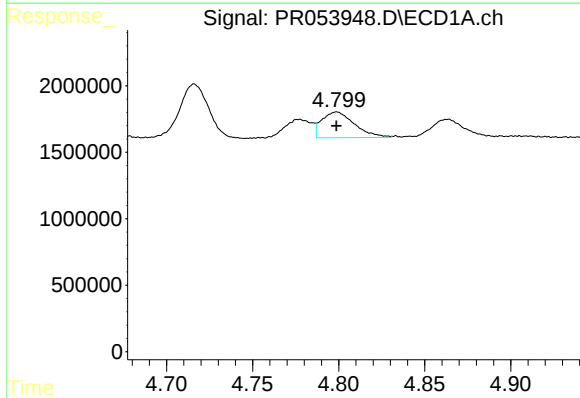
R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 1539164
Conc: 23.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



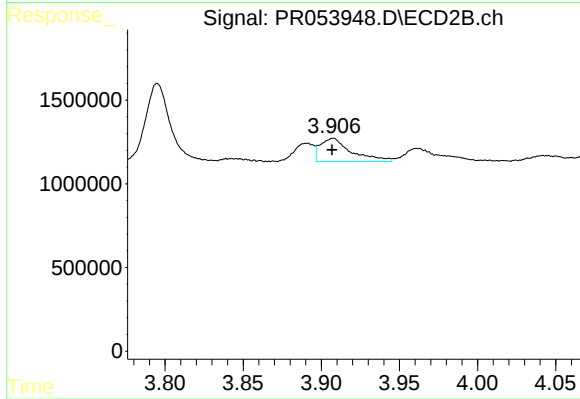
#3 AR-1016-1

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 964063
Conc: 21.25 ng/ml



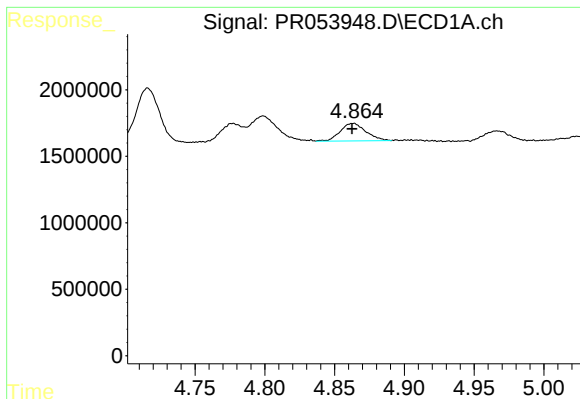
#4 AR-1016-2

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 2564032
Conc: 26.02 ng/ml



#4 AR-1016-2

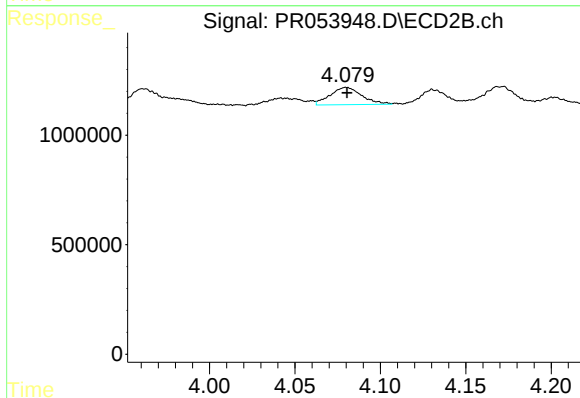
R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 1933324
Conc: 26.21 ng/ml



#5 AR-1016-3

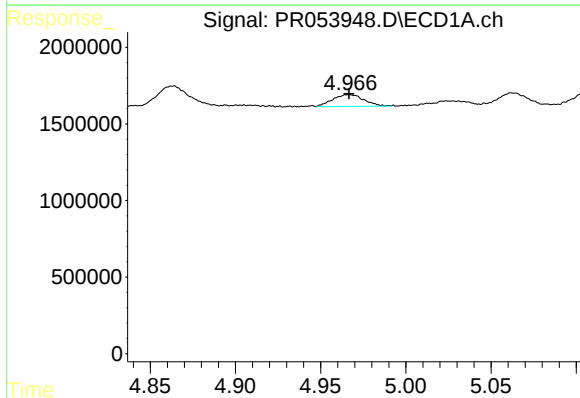
R.T.: 4.864 min
Delta R.T.: 0.001 min
Response: 1702003
Conc: 28.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



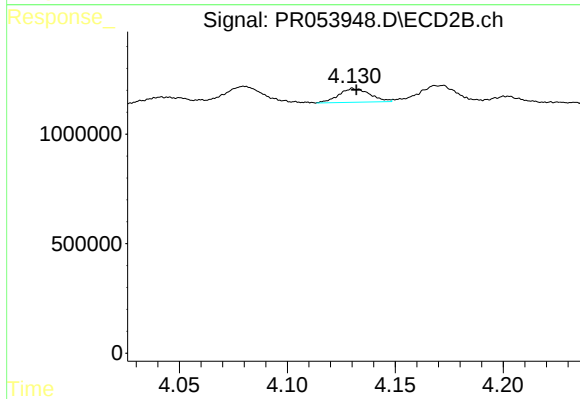
#5 AR-1016-3

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1018072
Conc: 25.08 ng/ml



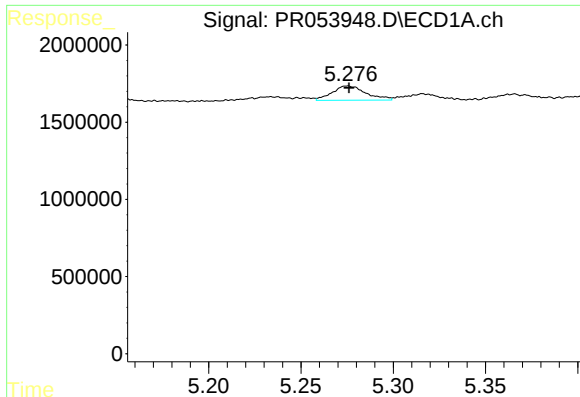
#6 AR-1016-4

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 978799
Conc: 21.23 ng/ml



#6 AR-1016-4

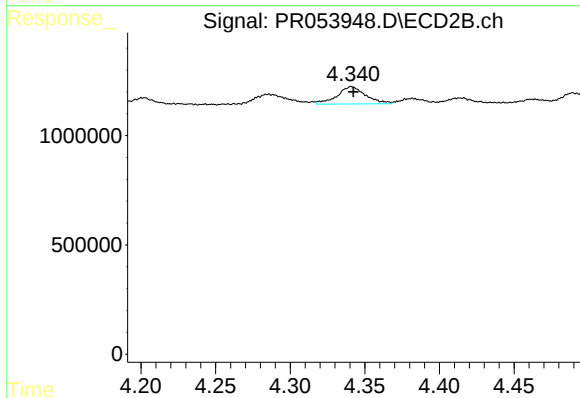
R.T.: 4.130 min
Delta R.T.: -0.002 min
Response: 636659
Conc: 19.66 ng/ml



#7 AR-1016-5

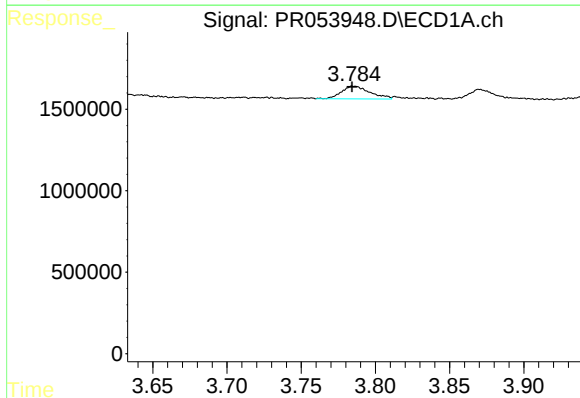
R.T.: 5.276 min
Delta R.T.: 0.000 min
Response: 1182048
Conc: 25.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



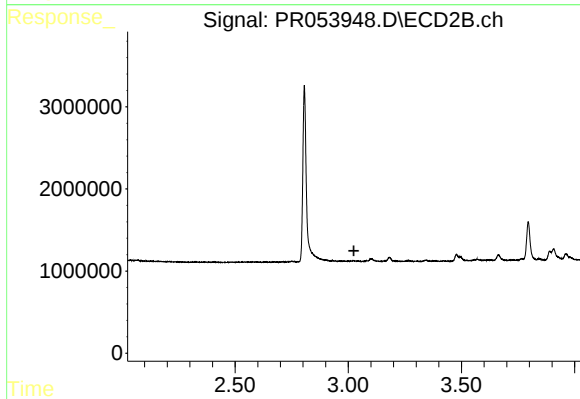
#7 AR-1016-5

R.T.: 4.341 min
Delta R.T.: -0.001 min
Response: 1054813
Conc: 25.97 ng/ml



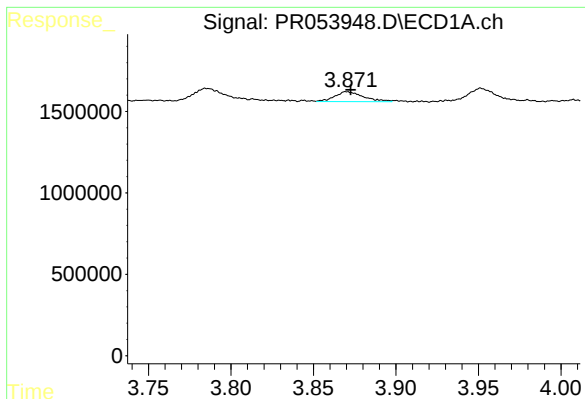
#8 AR-1221-1

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 1045905
Conc: 25.41 ng/ml



#8 AR-1221-1

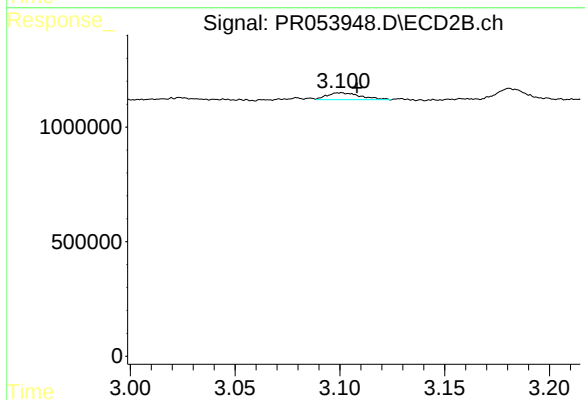
R.T.: 0.000 min
Exp R.T. : 3.025 min
Response: 0
Conc: N.D.



#9 AR-1221-2

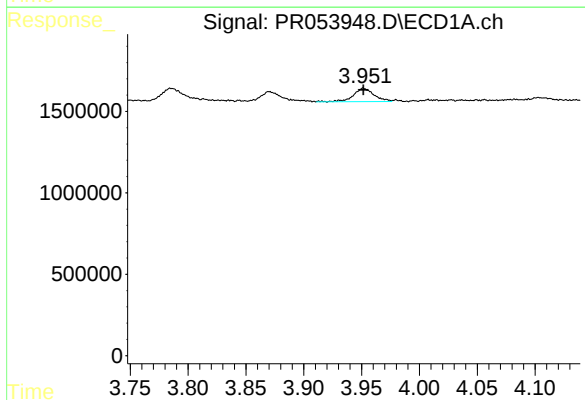
R.T.: 3.870 min
Delta R.T.: -0.003 min
Response: 737522
Conc: 23.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



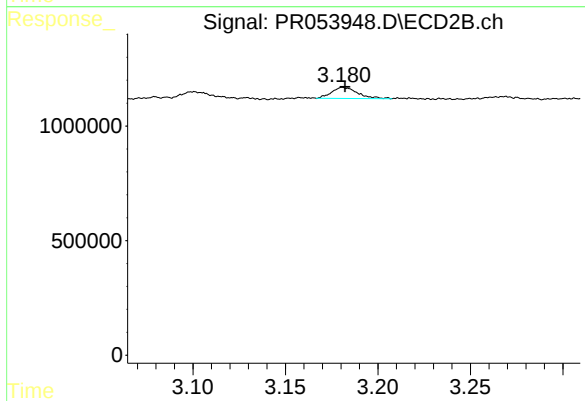
#9 AR-1221-2

R.T.: 3.101 min
Delta R.T.: -0.007 min
Response: 333037
Conc: 15.22 ng/ml



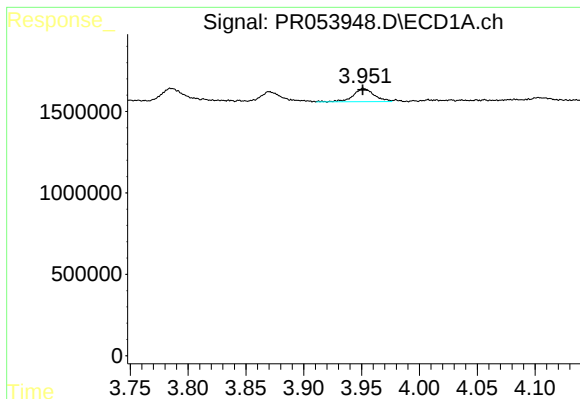
#10 AR-1221-3

R.T.: 3.951 min
Delta R.T.: 0.000 min
Response: 1012241
Conc: 10.39 ng/ml



#10 AR-1221-3

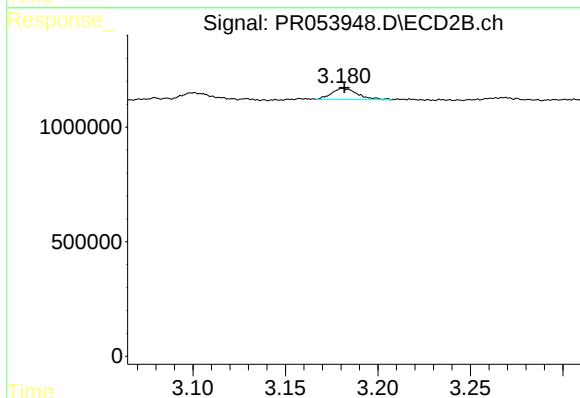
R.T.: 3.181 min
Delta R.T.: -0.001 min
Response: 470333
Conc: 6.71 ng/ml



#11 AR-1232-1

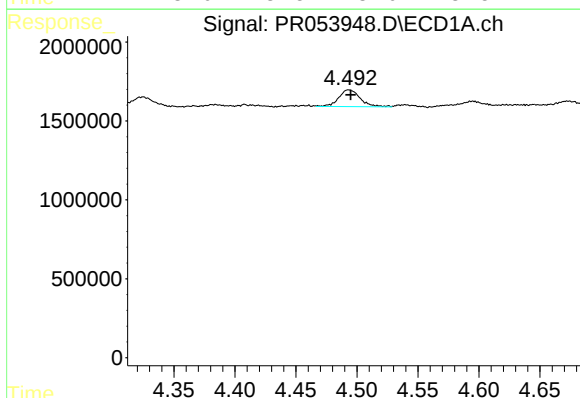
R.T.: 3.951 min
Delta R.T.: 0.000 min
Response: 1012241
Conc: 26.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



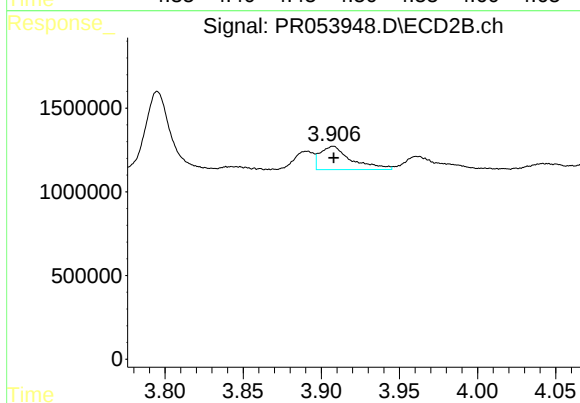
#11 AR-1232-1

R.T.: 3.181 min
Delta R.T.: 0.000 min
Response: 470333
Conc: 17.82 ng/ml



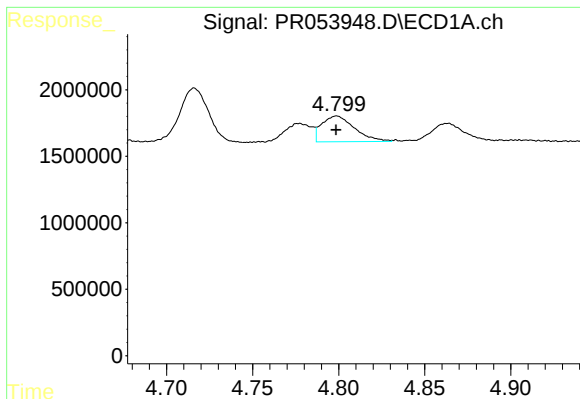
#12 AR-1232-2

R.T.: 4.493 min
Delta R.T.: -0.002 min
Response: 1292248
Conc: 61.03 ng/ml



#12 AR-1232-2

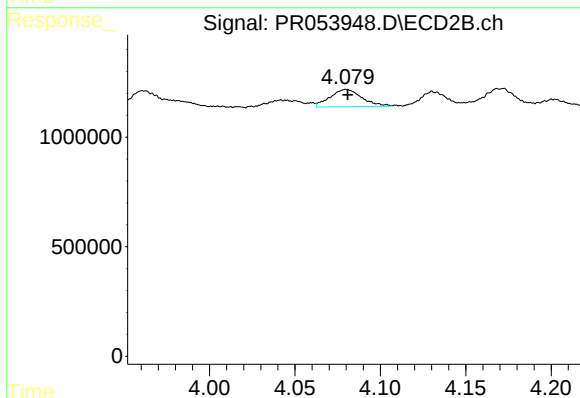
R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 1933324
Conc: 62.86 ng/ml



#13 AR-1232-3

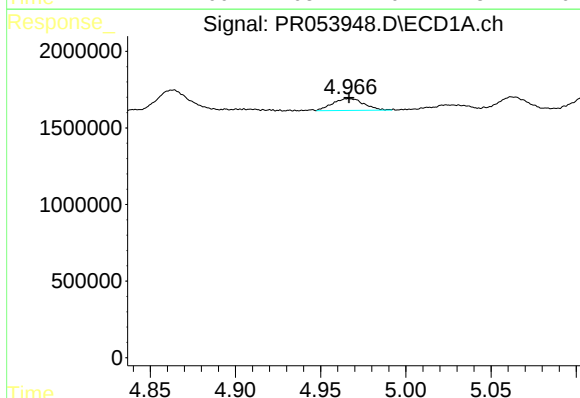
R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 2564032
Conc: 64.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



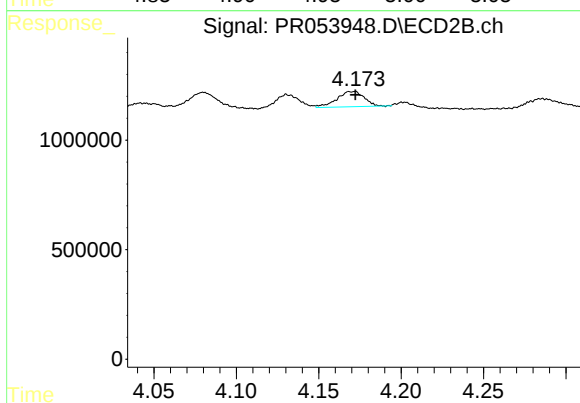
#13 AR-1232-3

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1018072
Conc: 63.95 ng/ml



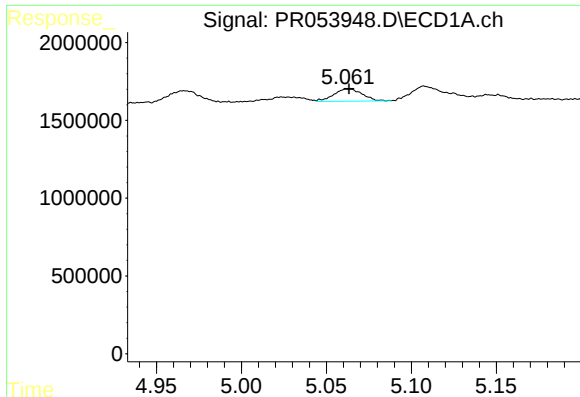
#14 AR-1232-4

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 978799
Conc: 50.26 ng/ml



#14 AR-1232-4

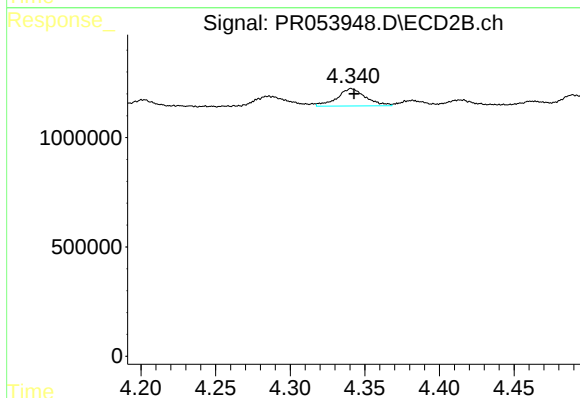
R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 806954
Conc: 58.48 ng/ml



#15 AR-1232-5

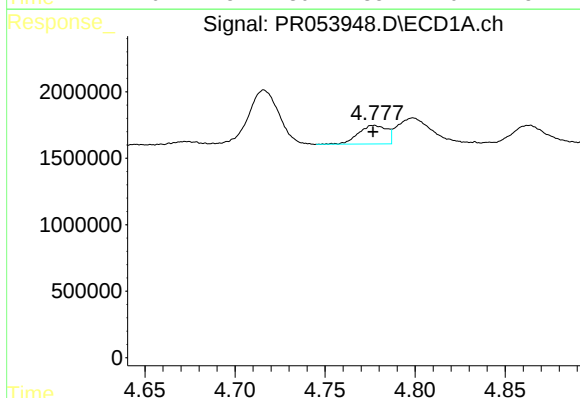
R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 916436
Conc: 63.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



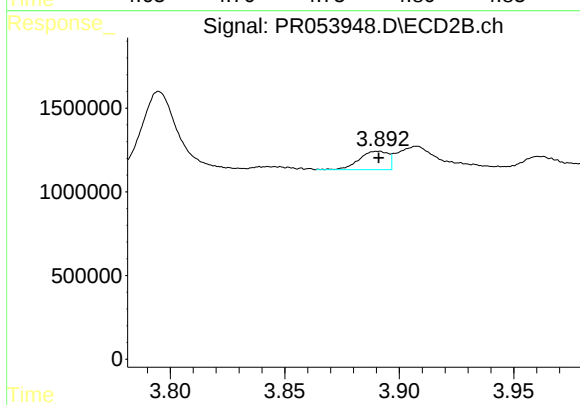
#15 AR-1232-5

R.T.: 4.341 min
Delta R.T.: -0.002 min
Response: 1054813
Conc: 66.15 ng/ml



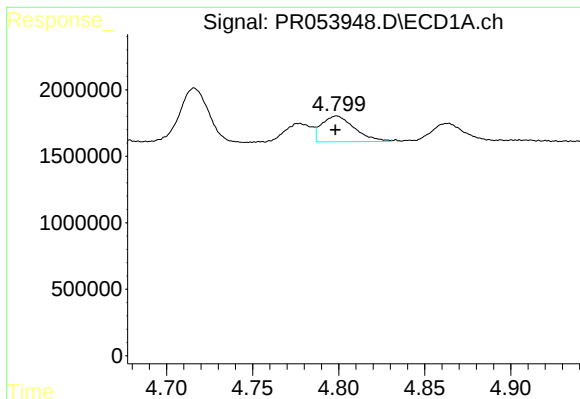
#16 AR-1242-1

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 1539164
Conc: 32.54 ng/ml



#16 AR-1242-1

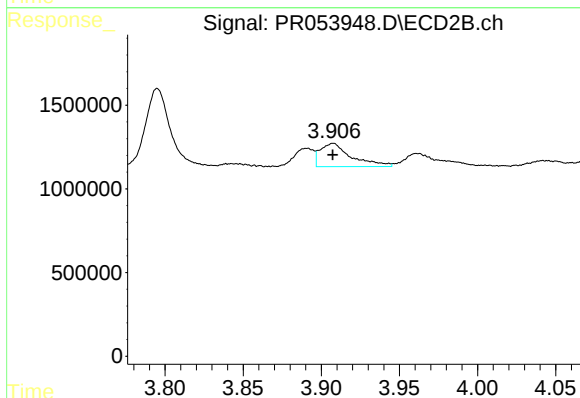
R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 964063
Conc: 30.15 ng/ml



#17 AR-1242-2

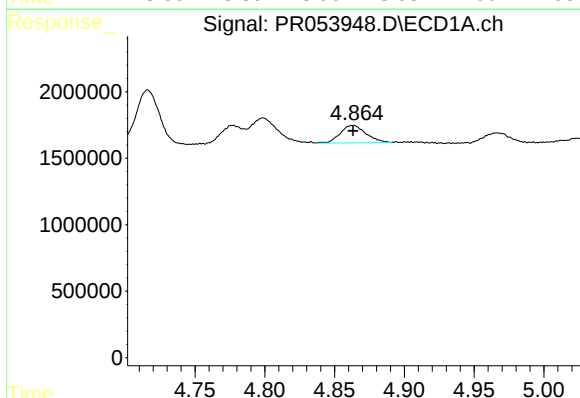
R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 2564032
Conc: 36.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



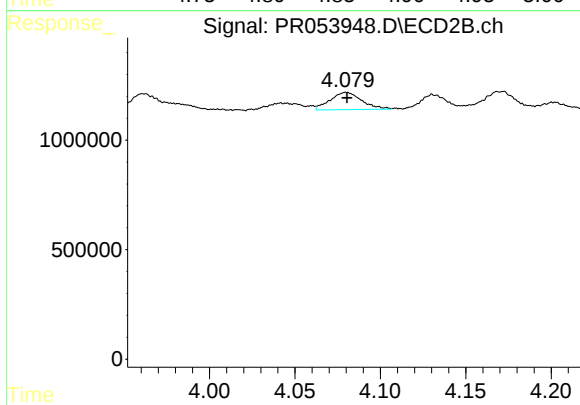
#17 AR-1242-2

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 1933324
Conc: 36.28 ng/ml



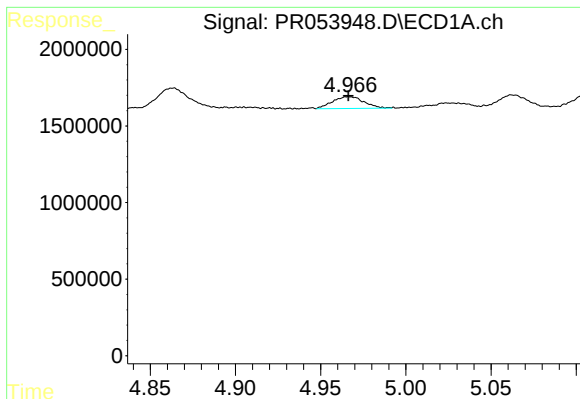
#18 AR-1242-3

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 1702003
Conc: 38.66 ng/ml



#18 AR-1242-3

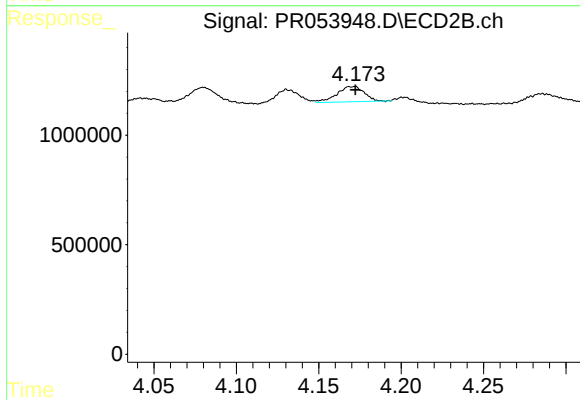
R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1018072
Conc: 36.35 ng/ml



#19 AR-1242-4

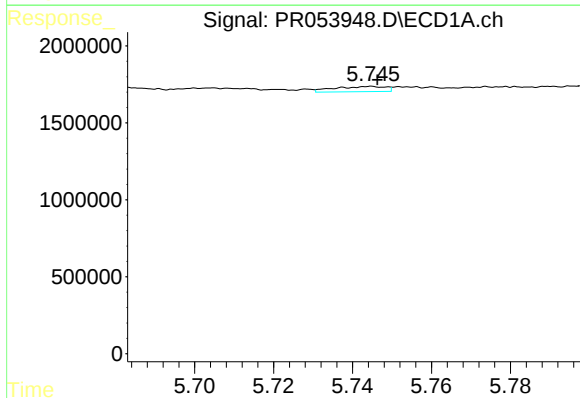
R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 978799
Conc: 28.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



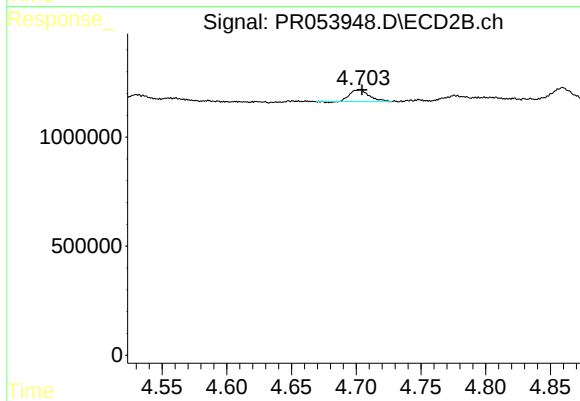
#19 AR-1242-4

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 806954
Conc: 29.85 ng/ml



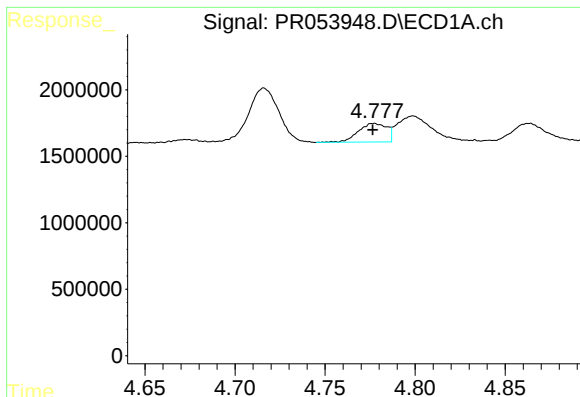
#20 AR-1242-5

R.T.: 5.745 min
Delta R.T.: -0.001 min
Response: 306581
Conc: 7.00 ng/ml



#20 AR-1242-5

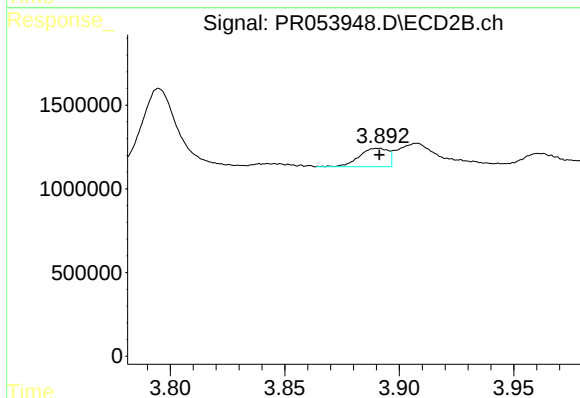
R.T.: 4.703 min
Delta R.T.: -0.001 min
Response: 561808
Conc: 16.08 ng/ml



#21 AR-1248-1

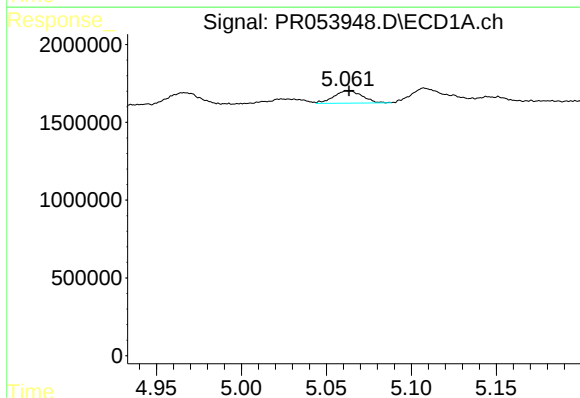
R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 1539164
Conc: 41.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



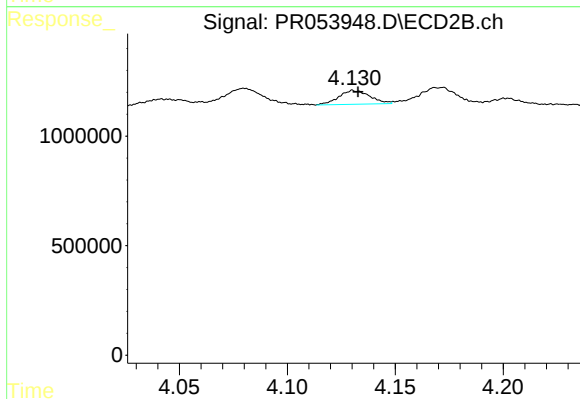
#21 AR-1248-1

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 964063
Conc: 37.08 ng/ml



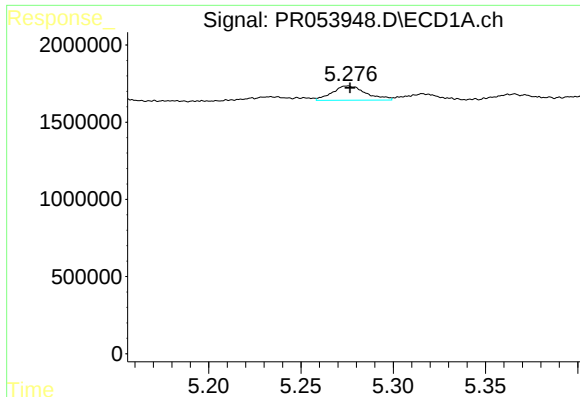
#22 AR-1248-2

R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 916436
Conc: 18.24 ng/ml



#22 AR-1248-2

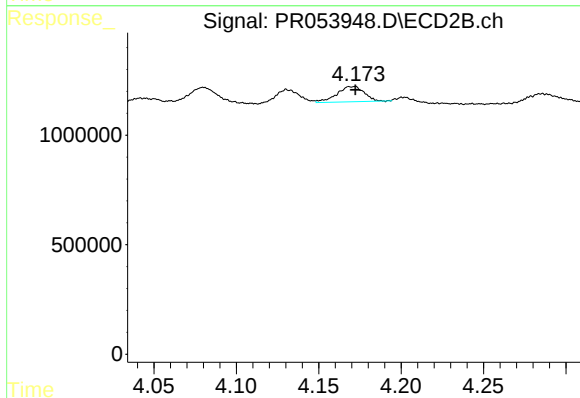
R.T.: 4.130 min
Delta R.T.: -0.002 min
Response: 636659
Conc: 15.62 ng/ml



#23 AR-1248-3

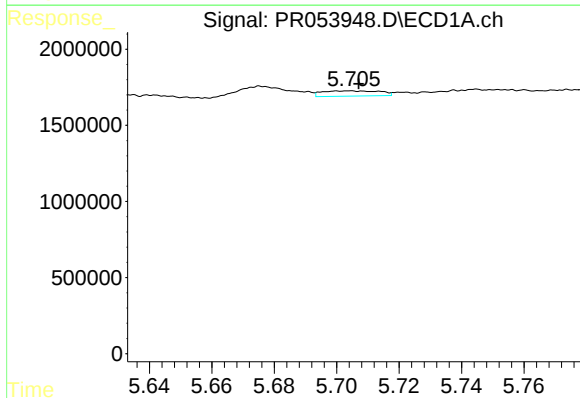
R.T.: 5.276 min
Delta R.T.: -0.001 min
Response: 1182048
Conc: 20.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



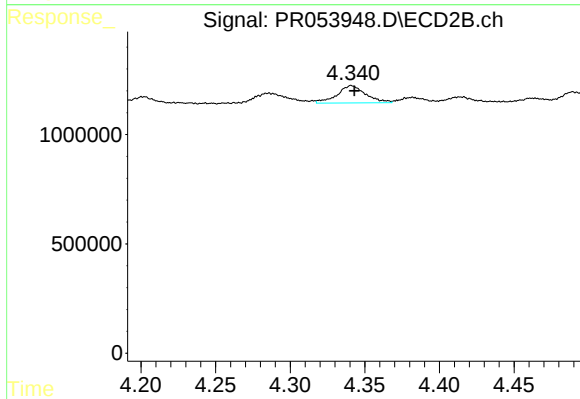
#23 AR-1248-3

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 806954
Conc: 20.79 ng/ml



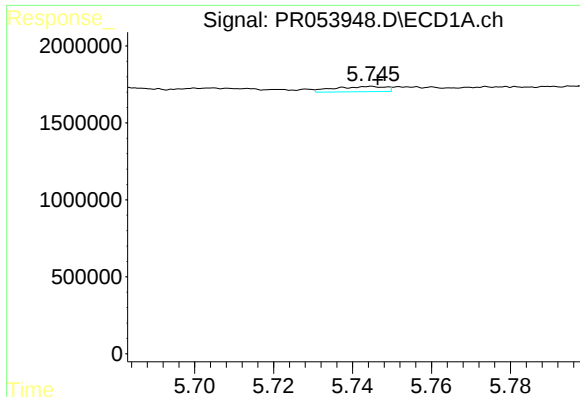
#24 AR-1248-4

R.T.: 5.705 min
Delta R.T.: -0.002 min
Response: 446550
Conc: 6.89 ng/ml



#24 AR-1248-4

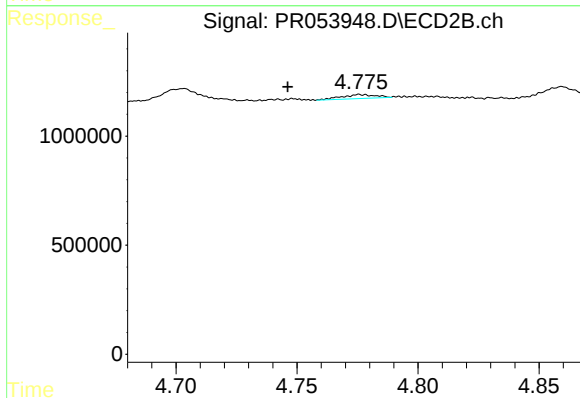
R.T.: 4.341 min
Delta R.T.: -0.002 min
Response: 1054813
Conc: 22.05 ng/ml



#25 AR-1248-5

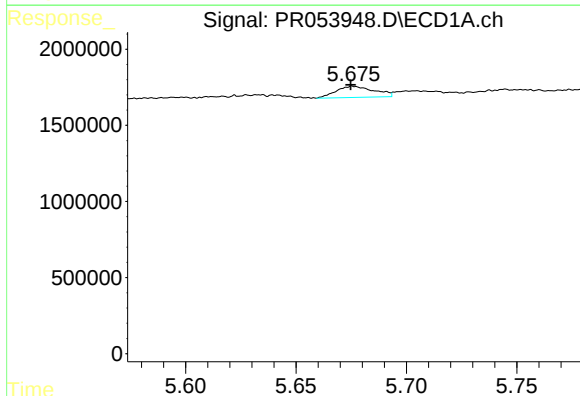
R.T.: 5.745 min
Delta R.T.: -0.002 min
Response: 306581
Conc: 4.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



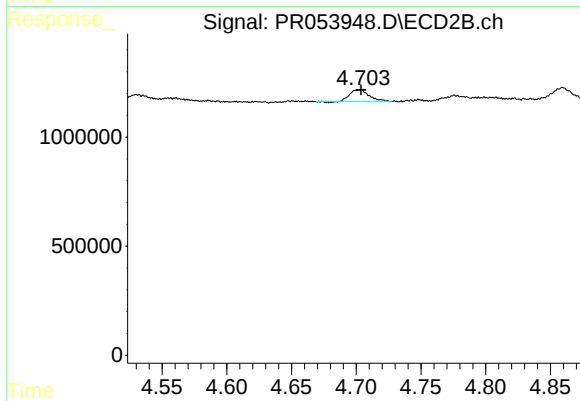
#25 AR-1248-5

R.T.: 4.776 min
Delta R.T.: 0.030 min
Response: 171657
Conc: 3.84 ng/ml



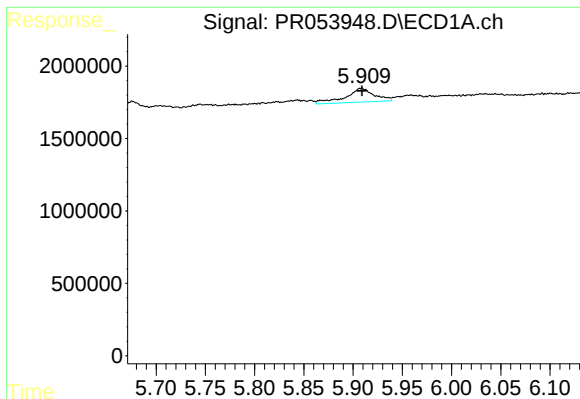
#26 AR-1254-1

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 876308
Conc: 13.28 ng/ml



#26 AR-1254-1

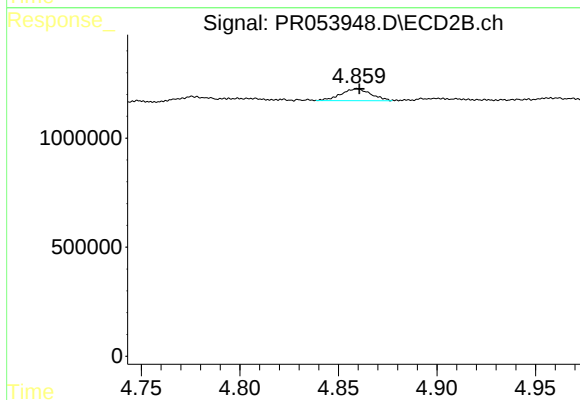
R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 561808
Conc: 7.99 ng/ml



#27 AR-1254-2

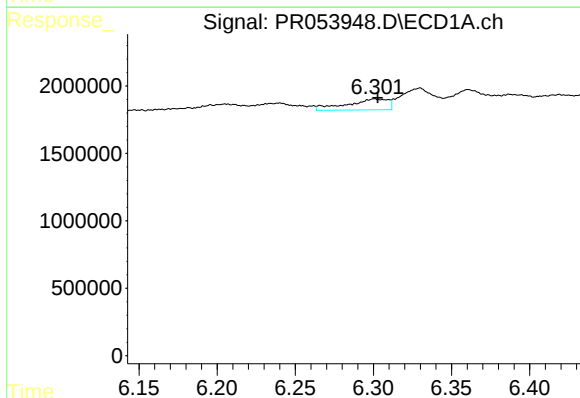
R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 1951525
Conc: 17.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



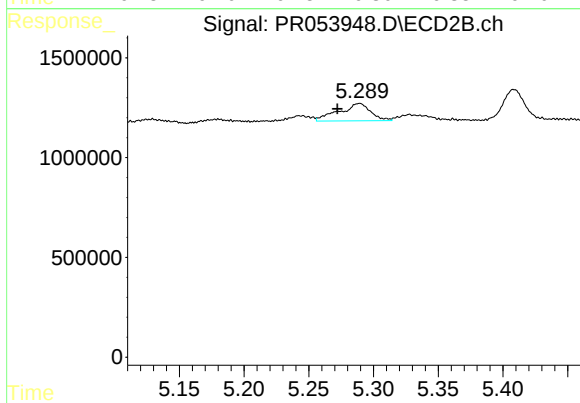
#27 AR-1254-2

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 582817
Conc: 8.98 ng/ml



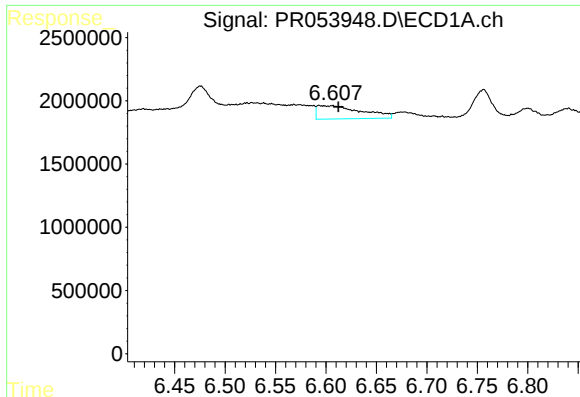
#28 AR-1254-3

R.T.: 6.301 min
Delta R.T.: -0.002 min
Response: 1493580
Conc: 12.92 ng/ml



#28 AR-1254-3

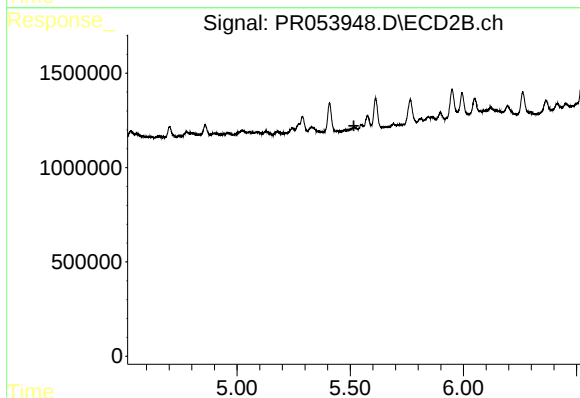
R.T.: 5.289 min
Delta R.T.: 0.017 min
Response: 1487710
Conc: 15.28 ng/ml



#29 AR-1254-4

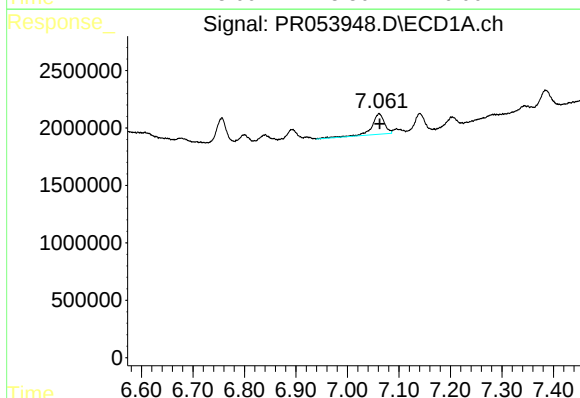
R.T.: 6.607 min
Delta R.T.: -0.006 min
Response: 3195627
Conc: 35.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



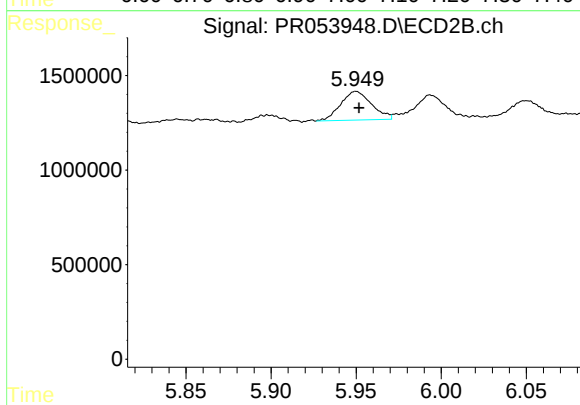
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 5.516 min
Response: 0
Conc: N.D.



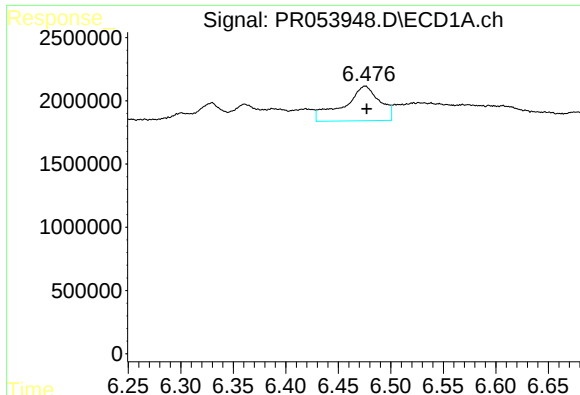
#30 AR-1254-5

R.T.: 7.062 min
Delta R.T.: -0.001 min
Response: 3090380
Conc: 34.25 ng/ml



#30 AR-1254-5

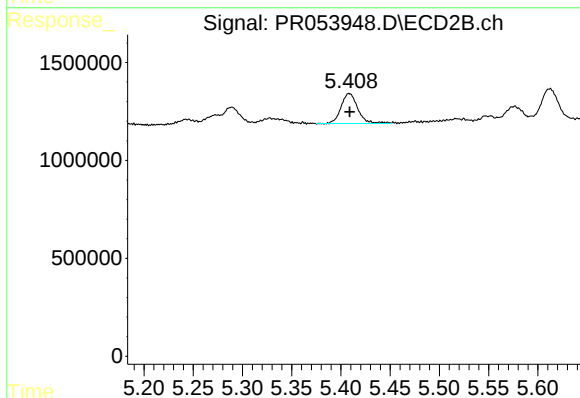
R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 1920569
Conc: 20.95 ng/ml



#31 AR-1260-1

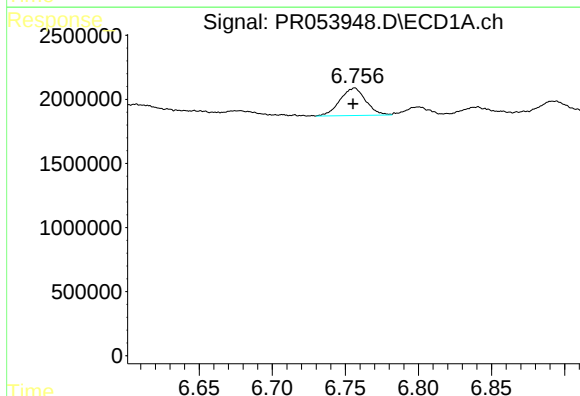
R.T.: 6.476 min
Delta R.T.: -0.001 min
Response: 6577766
Conc: 72.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



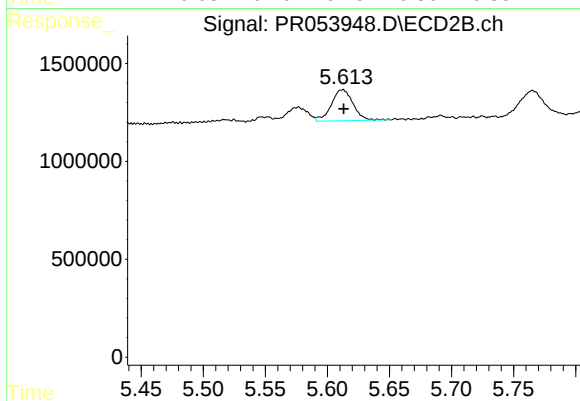
#31 AR-1260-1

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 1791875
Conc: 23.64 ng/ml



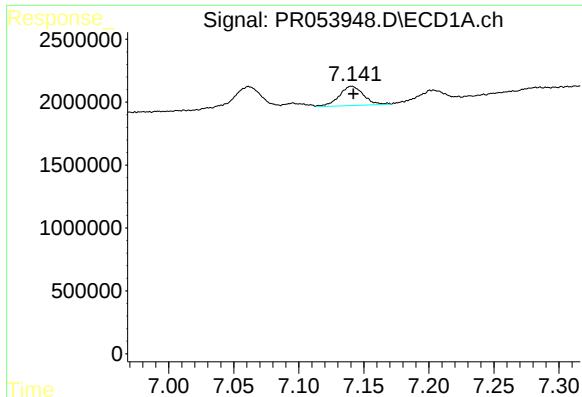
#32 AR-1260-2

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 2630403
Conc: 24.79 ng/ml



#32 AR-1260-2

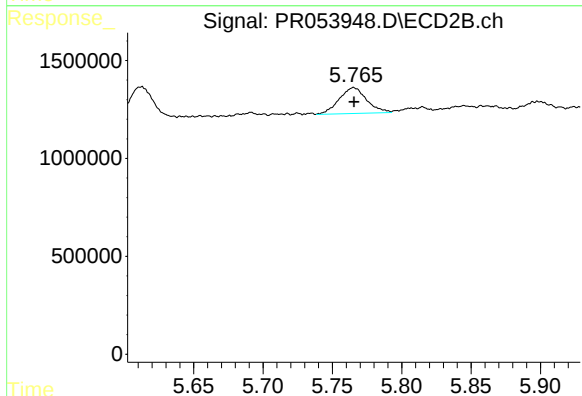
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 1936383
Conc: 22.04 ng/ml



#33 AR-1260-3

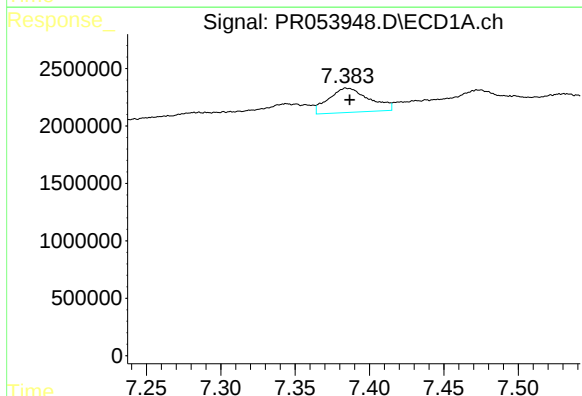
R.T.: 7.141 min
Delta R.T.: -0.001 min
Response: 2009289
Conc: 29.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



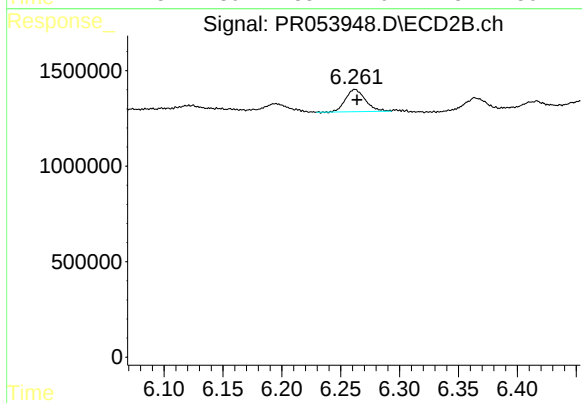
#33 AR-1260-3

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 1816499
Conc: 21.17 ng/ml



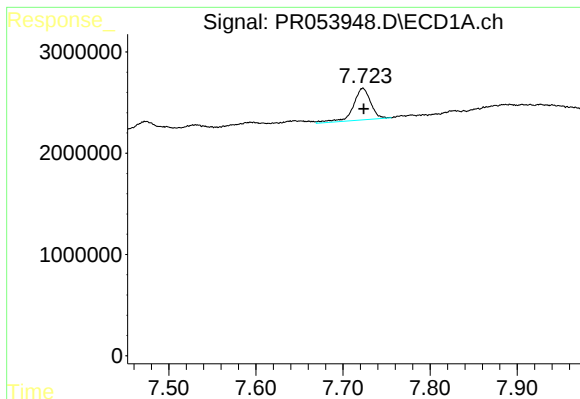
#34 AR-1260-4

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 4015841
Conc: 47.08 ng/ml



#34 AR-1260-4

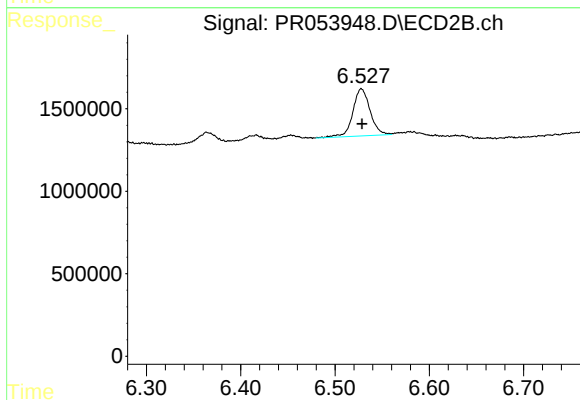
R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 1370582
Conc: 21.90 ng/ml



#35 AR-1260-5

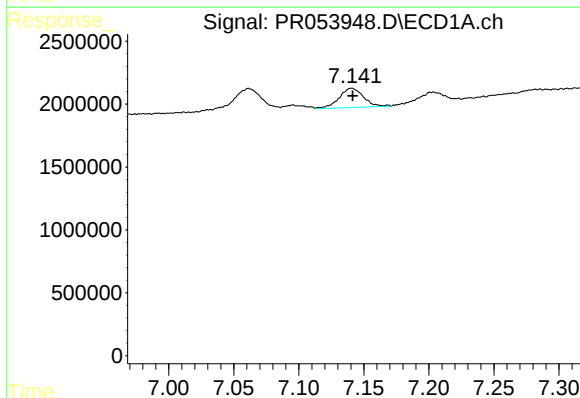
R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 4326853
Conc: 26.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



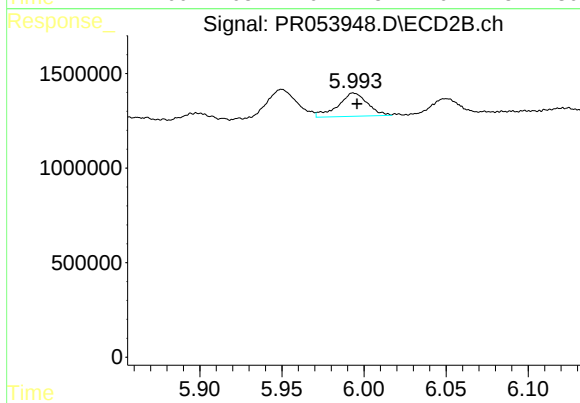
#35 AR-1260-5

R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 3636684
Conc: 22.10 ng/ml



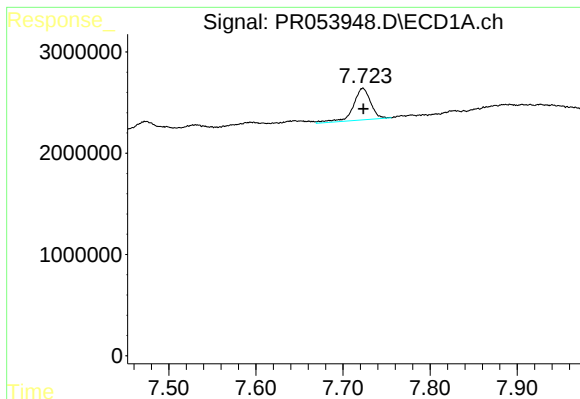
#36 AR-1262-1

R.T.: 7.141 min
Delta R.T.: 0.000 min
Response: 2009289
Conc: 18.76 ng/ml



#36 AR-1262-1

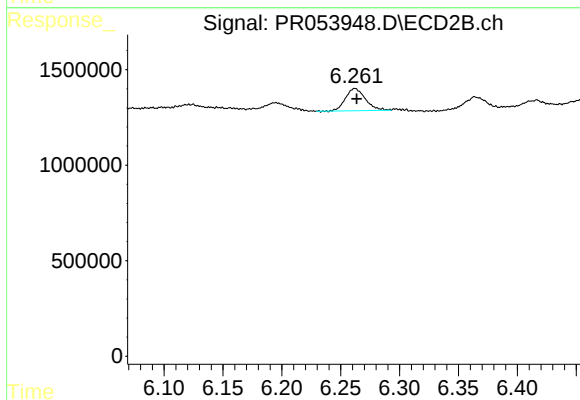
R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 1543683
Conc: 16.29 ng/ml



#37 AR-1262-2

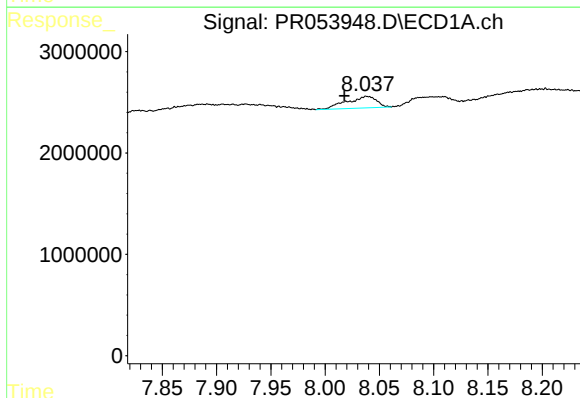
R.T.: 7.723 min
Delta R.T.: 0.000 min
Response: 4326853
Conc: 22.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



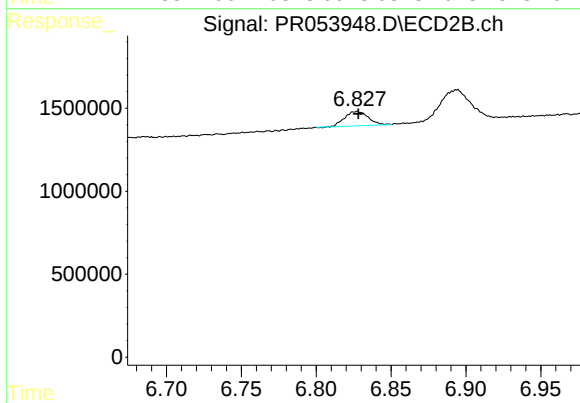
#37 AR-1262-2

R.T.: 6.262 min
Delta R.T.: -0.001 min
Response: 1370582
Conc: 16.16 ng/ml



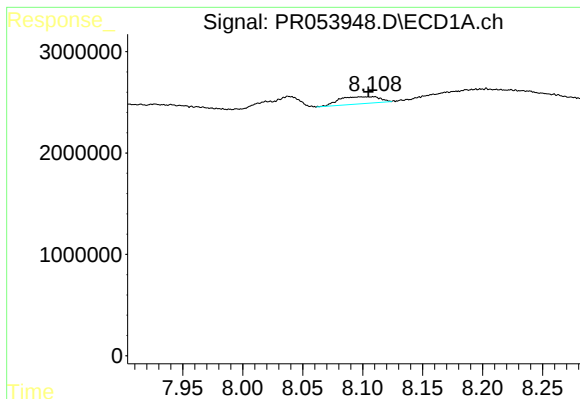
#38 AR-1262-3

R.T.: 8.038 min
Delta R.T.: 0.021 min
Response: 2186667
Conc: 26.11 ng/ml



#38 AR-1262-3

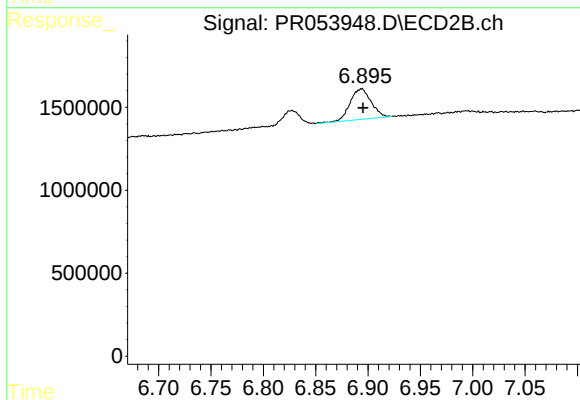
R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 947472
Conc: 14.36 ng/ml



#39 AR-1262-4

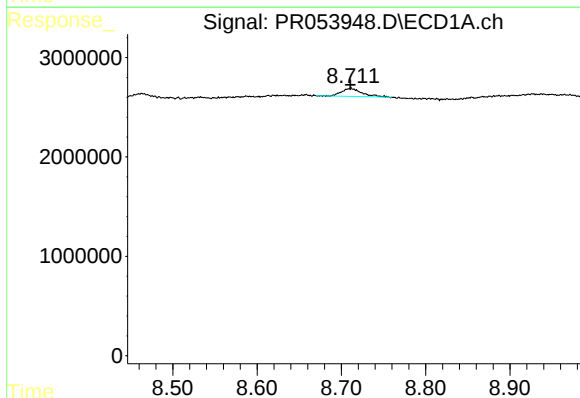
R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 1646310
Conc: 31.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



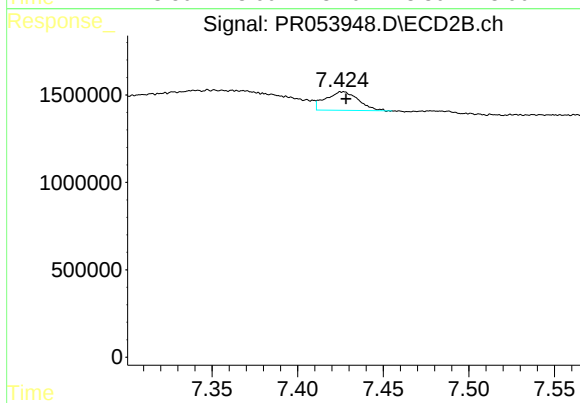
#39 AR-1262-4

R.T.: 6.894 min
Delta R.T.: -0.001 min
Response: 2579801
Conc: 21.43 ng/ml



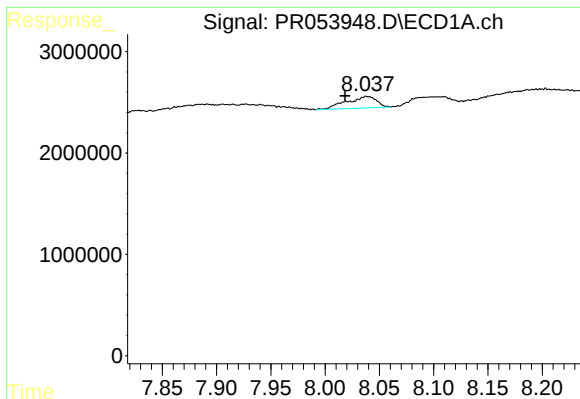
#40 AR-1262-5

R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 1380754
Conc: 19.97 ng/ml



#40 AR-1262-5

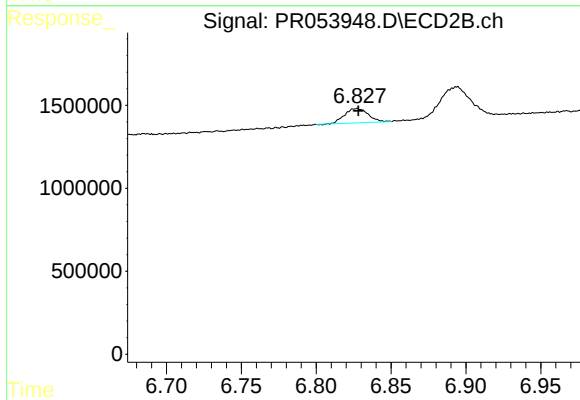
R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 1417387
Conc: 26.63 ng/ml



#41 AR-1268-1

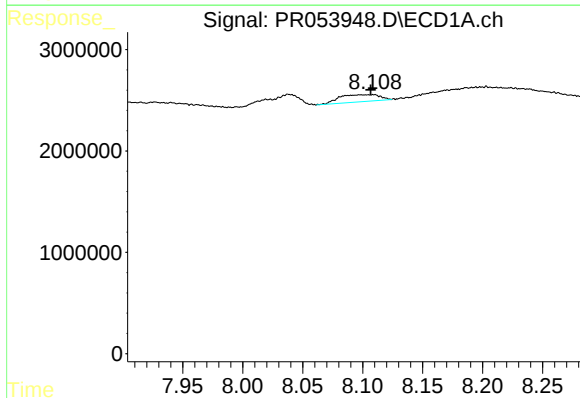
R.T.: 8.038 min
Delta R.T.: 0.020 min
Response: 2186667
Conc: 9.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



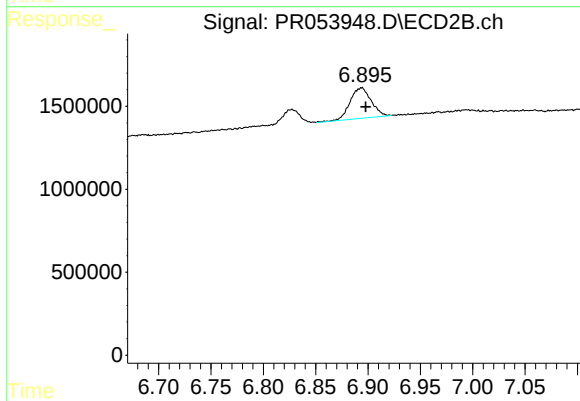
#41 AR-1268-1

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 947472
Conc: 5.17 ng/ml



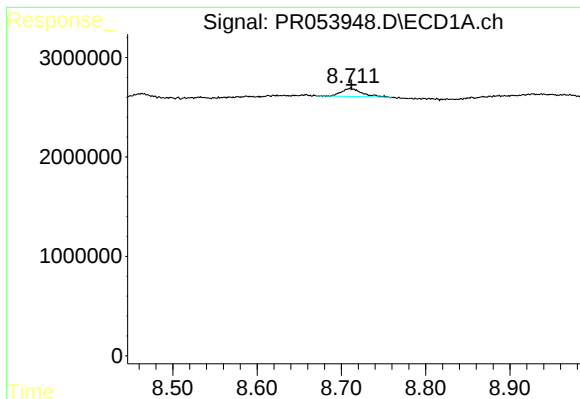
#42 AR-1268-2

R.T.: 8.105 min
Delta R.T.: -0.002 min
Response: 1646310
Conc: 8.18 ng/ml



#42 AR-1268-2

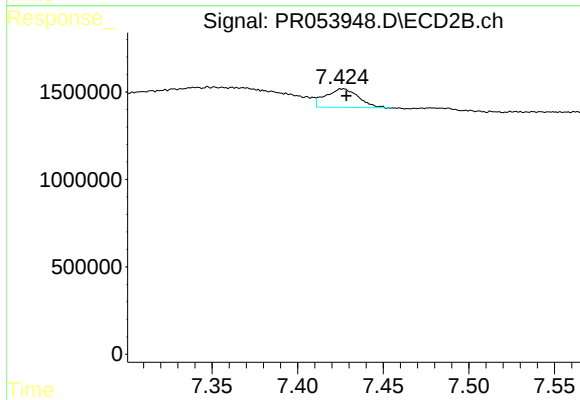
R.T.: 6.894 min
Delta R.T.: -0.004 min
Response: 2579801
Conc: 15.14 ng/ml



#44 AR-1268-4

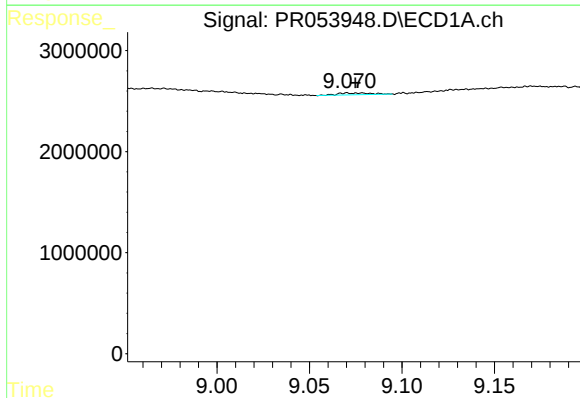
R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 1380754
Conc: 19.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



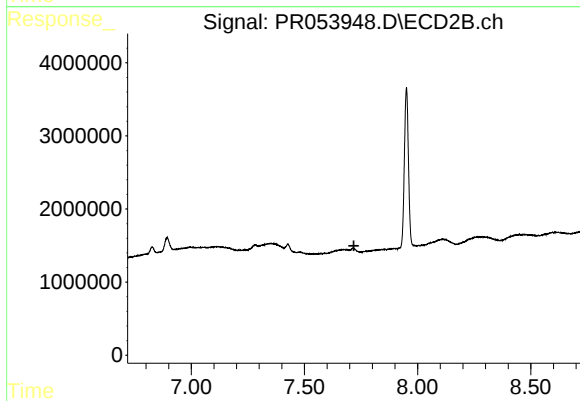
#44 AR-1268-4

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 1417387
Conc: 25.07 ng/ml



#45 AR-1268-5

R.T.: 9.070 min
Delta R.T.: -0.005 min
Response: 219682
Conc: 0.38 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.719 min
Response: 0
Conc: N.D.