

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072723\
 Data File : PP059034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2023 20:00
 Operator : YP\AJ
 Sample : 03793-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 21:49:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP072123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 22 02:26:24 2023
 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...	4.424	3.662	9059112	17592863	6.580	9.148 #
2)	SA Decachlor...	10.224	8.706	12760012	21367221	14.812	15.101
Target Compounds							
3)	L1 AR-1016-1	5.584f	4.758	714580	1837491	16.365	31.969 #
4)	L1 AR-1016-2	5.623	4.781	1239878	1453878	19.913	17.677
5)	L1 AR-1016-3	5.690	4.957	2053571	2613494	51.290	59.431
6)	L1 AR-1016-4	5.781	5.002	1230129	3887325	38.114	99.968 #
7)	L1 AR-1016-5	6.089	5.222	2186917	7304039	64.122	147.656 #
8)	L2 AR-1221-1	4.634	3.877	621600	1903093	34.953	80.634 #
9)	L2 AR-1221-2	4.704f	3.984f	5659526	4133453	431.739	231.765 #
10)	L2 AR-1221-3	4.800	4.031	3276028	7183658	84.468	130.207 #
11)	L3 AR-1232-1	4.800	4.031	3276028	7183658	101.874	158.248 #
12)	L3 AR-1232-2	5.358f	4.781	1489017	1453878	82.224	37.654 #
13)	L3 AR-1232-3	5.623	4.957	1239878	2613494	41.848	125.793 #
14)	L3 AR-1232-4	5.781	5.036	1230129	4201942	81.953	207.627 #
15)	L3 AR-1232-5	5.877	5.222	1878057	7304039	144.981	326.699 #
16)	L4 AR-1242-1	5.584f	4.758	714580	1837491	18.903	36.969 #
17)	L4 AR-1242-2	5.623	4.781	1239878	1453878	23.026	20.395
18)	L4 AR-1242-3	5.690	4.957	2053571	2613494	59.295	68.927
19)	L4 AR-1242-4	5.781	5.036	1230129	4201942	43.697	104.388 #
20)	L4 AR-1242-5	6.531	5.565	1546058	10529326	54.479	218.724 #
21)	L5 AR-1248-1	5.584f	4.758	714580	1837491	25.824	51.010 #
22)	L5 AR-1248-2	5.877	5.002	1878057	3887325	43.685	68.595 #
23)	L5 AR-1248-3	6.089	5.036	2186917	4201942	46.669	73.365 #
24)	L5 AR-1248-4	6.487	5.222	1785652	7304039	37.761	107.462 #
25)	L5 AR-1248-5	6.531	0.000	1546058	0	33.734	N.D. #
26)	L6 AR-1254-1	6.462	5.565	2057210	10529326	38.784	104.118 #
27)	L6 AR-1254-2	6.681	5.714	6735668	5960214	86.031	68.939
28)	L6 AR-1254-3	7.048	6.120	1771896	5472600	22.609	39.834 #
29)	L6 AR-1254-4	7.337	6.350	2185410	1896237	41.855	23.732 #
30)	L6 AR-1254-5	7.776f	6.768	9114292	10438479	169.503	86.708 #
31)	L7 AR-1260-1	7.216	6.250	4367171	2705769	75.302	27.338 #
32)	L7 AR-1260-2	7.470	6.441	1001244	1999850	16.524	17.590
33)	L7 AR-1260-3	7.836	6.592	7373194	1537270	166.535	14.046 #
34)	L7 AR-1260-4	8.063	7.063	2114606	767353	42.874	9.024 #
35)	L7 AR-1260-5	8.379	7.312	386324	4525169	4.333	26.684 #
36)	L8 AR-1262-1	7.836	6.861	7373194	2477298	108.057	45.331 #
37)	L8 AR-1262-2	8.379	7.063	386324	767353	3.525	6.654 #
39)	L8 AR-1262-4	8.786	7.656	436681	1884919	7.223	11.974 #
40)	L8 AR-1262-5	9.465	8.170	32076	270169	0.826	3.964 #
42)	L9 AR-1268-2	8.786	7.656	436681	1884919	3.668	8.498 #
43)	L9 AR-1268-3	9.050f	0.000	209706	0	1.960	N.D. #

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 Quant Time: Jul 27 21:49:40 2023
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 Quant Title : GC EXTRACTABLES
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 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
44) L9	AR-1268-4	9.465	8.170	32076	270169	0.772	3.654 #
45) L9	AR-1268-5	9.872	8.437f	108864	536480	0.340	0.974 #

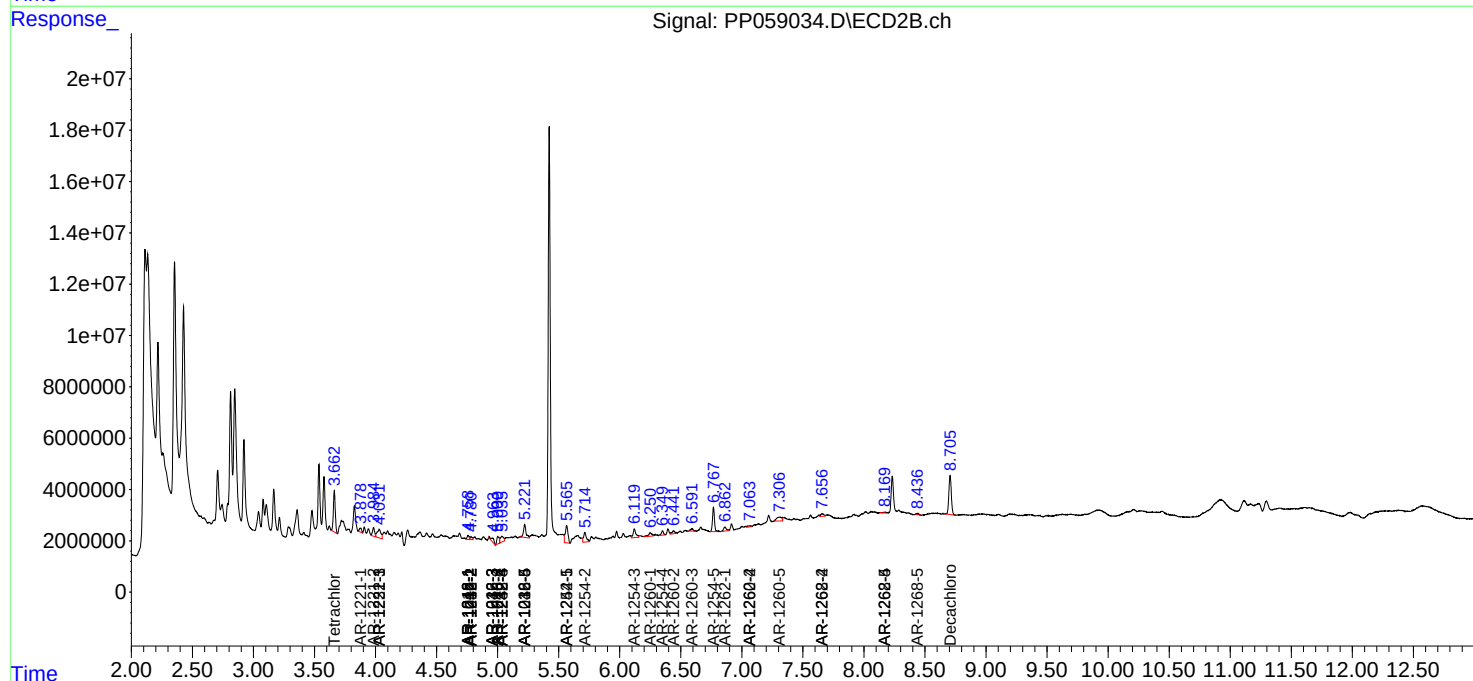
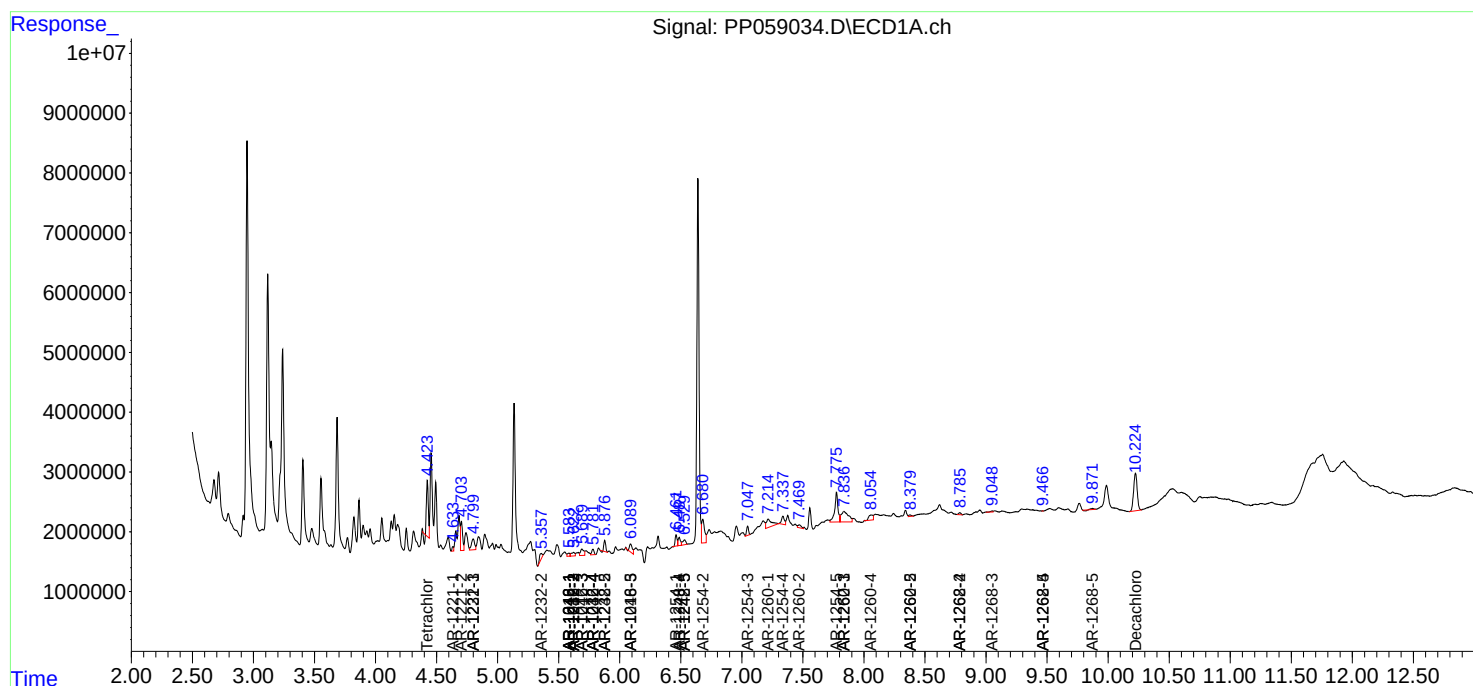
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

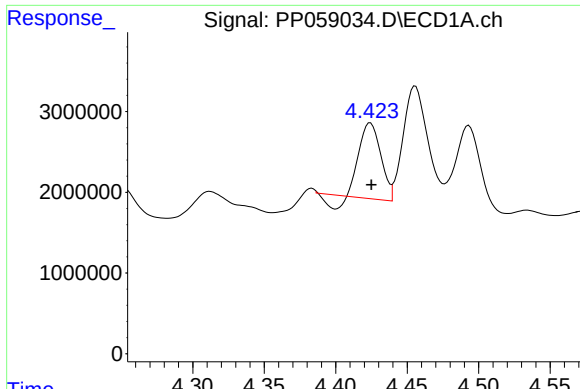
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072723\
Data File : PP059034.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

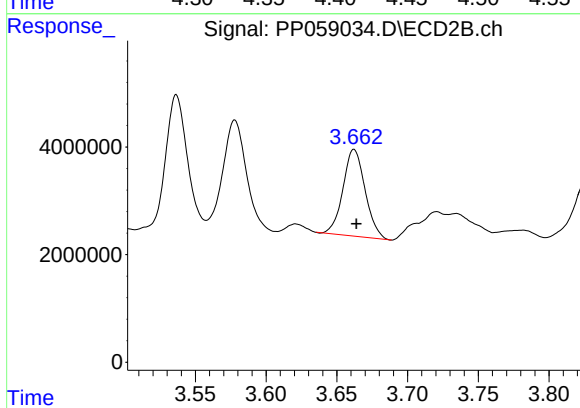




#1 Tetrachloro-m-xylene

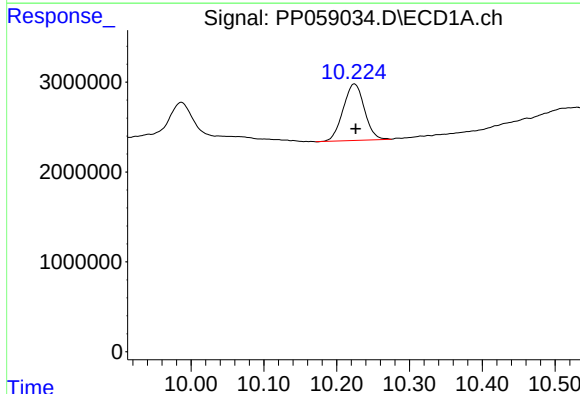
R.T.: 4.424 min
Delta R.T.: 0.000 min
Response: 9059112
Conc: 6.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



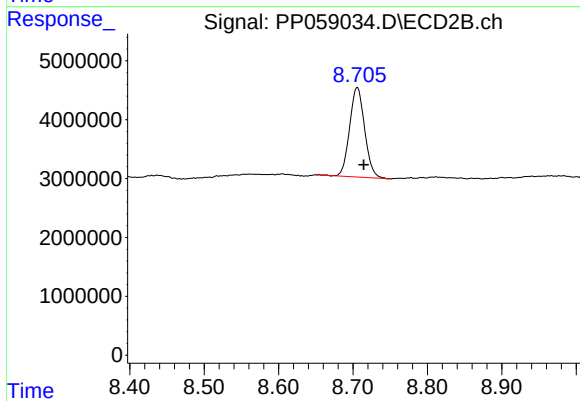
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.002 min
Response: 17592863
Conc: 9.15 ng/ml



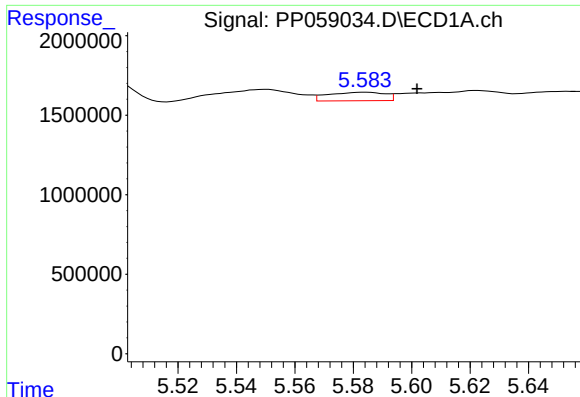
#2 Decachlorobiphenyl

R.T.: 10.224 min
Delta R.T.: -0.002 min
Response: 12760012
Conc: 14.81 ng/ml



#2 Decachlorobiphenyl

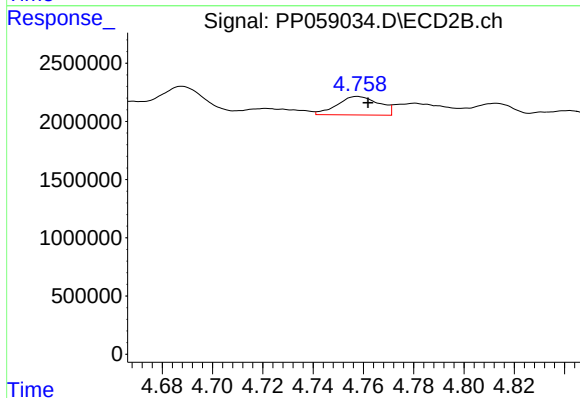
R.T.: 8.706 min
Delta R.T.: -0.009 min
Response: 21367221
Conc: 15.10 ng/ml



#3 AR-1016-1

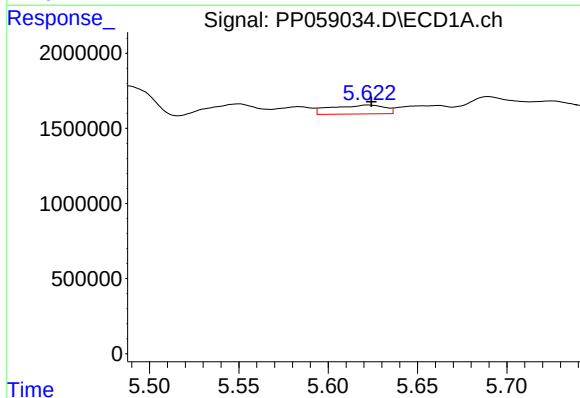
R.T.: 5.584 min
Delta R.T.: -0.018 min
Response: 714580
Conc: 16.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



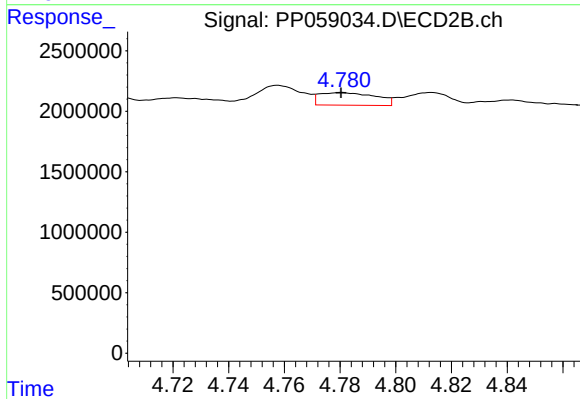
#3 AR-1016-1

R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 1837491
Conc: 31.97 ng/ml



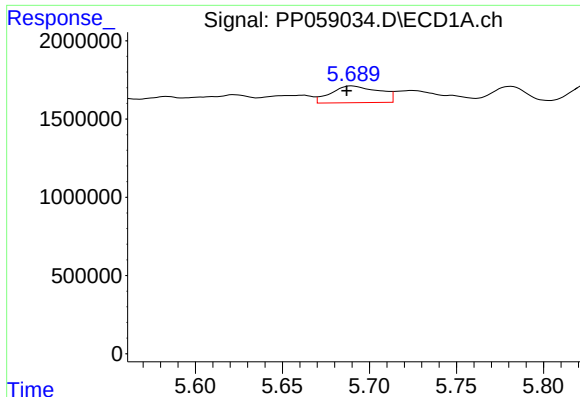
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 1239878
Conc: 19.91 ng/ml



#4 AR-1016-2

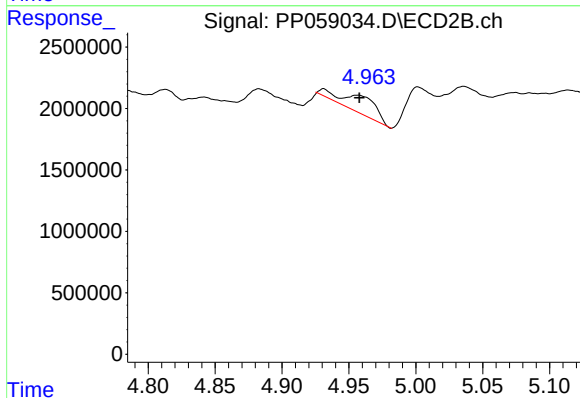
R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 1453878
Conc: 17.68 ng/ml



#5 AR-1016-3

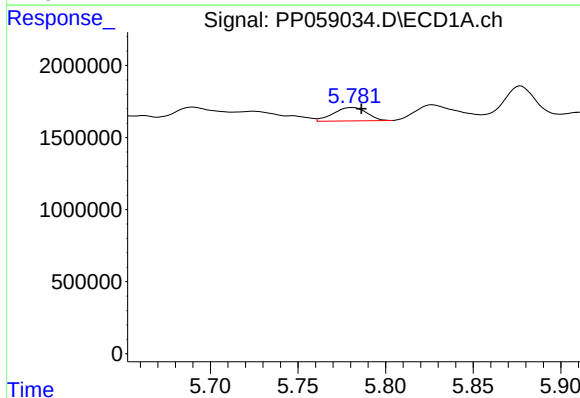
R.T.: 5.690 min
Delta R.T.: 0.003 min
Response: 2053571
Conc: 51.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



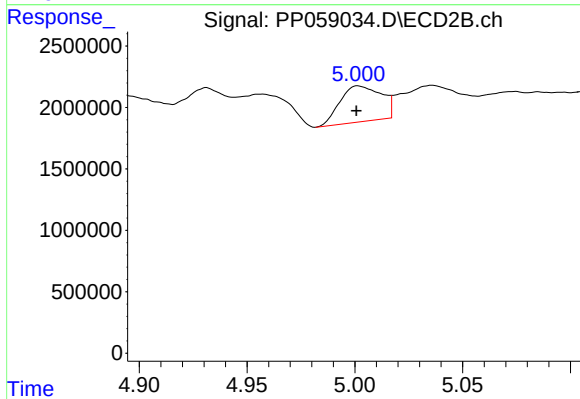
#5 AR-1016-3

R.T.: 4.957 min
Delta R.T.: -0.001 min
Response: 2613494
Conc: 59.43 ng/ml



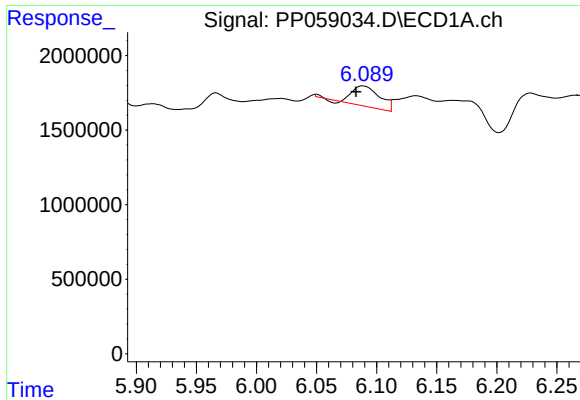
#6 AR-1016-4

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 1230129
Conc: 38.11 ng/ml



#6 AR-1016-4

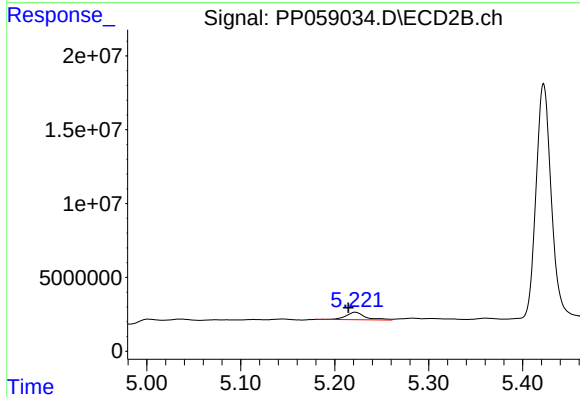
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 3887325
Conc: 99.97 ng/ml



#7 AR-1016-5

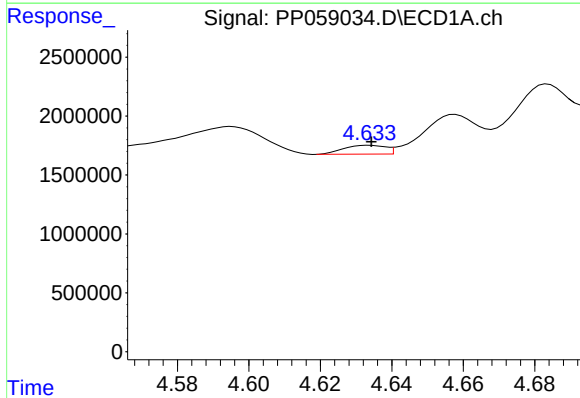
R.T.: 6.089 min
Delta R.T.: 0.006 min
Response: 2186917
Conc: 64.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



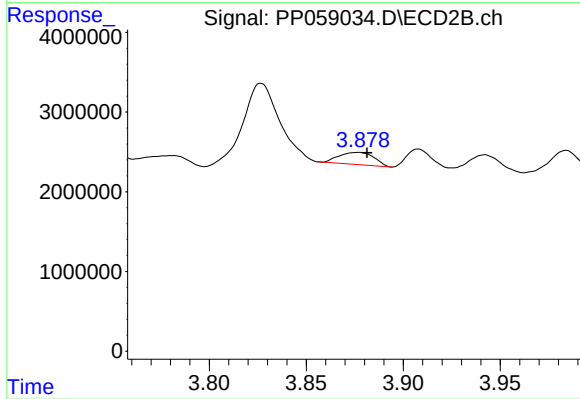
#7 AR-1016-5

R.T.: 5.222 min
Delta R.T.: 0.007 min
Response: 7304039
Conc: 147.66 ng/ml



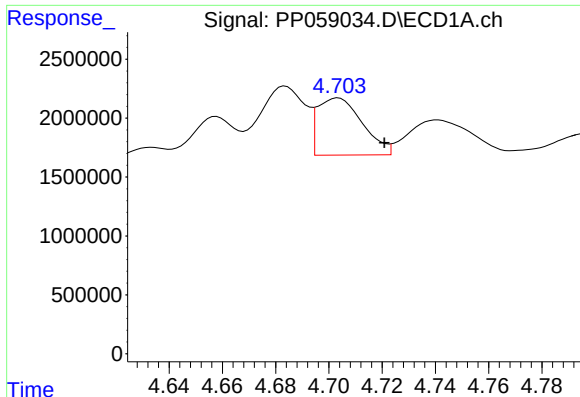
#8 AR-1221-1

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 621600
Conc: 34.95 ng/ml



#8 AR-1221-1

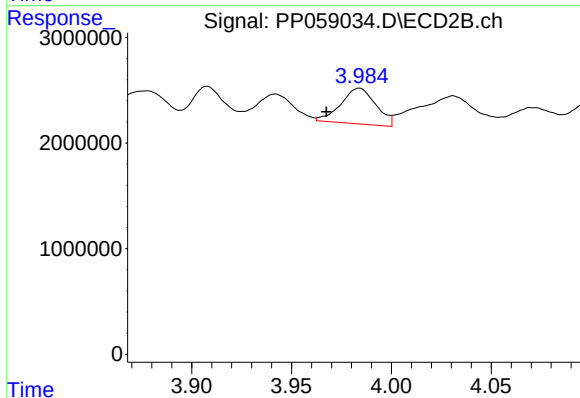
R.T.: 3.877 min
Delta R.T.: -0.004 min
Response: 1903093
Conc: 80.63 ng/ml



#9 AR-1221-2

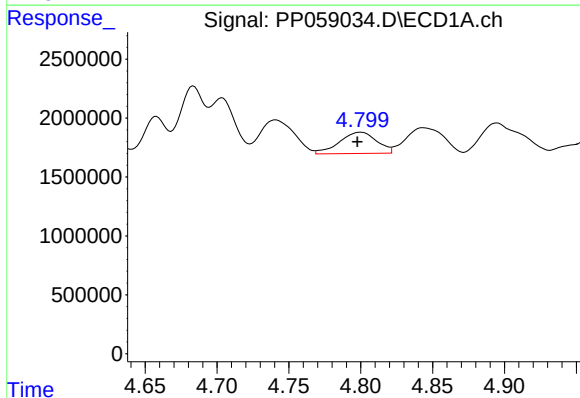
R.T.: 4.704 min
Delta R.T.: -0.017 min
Response: 5659526
Conc: 431.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



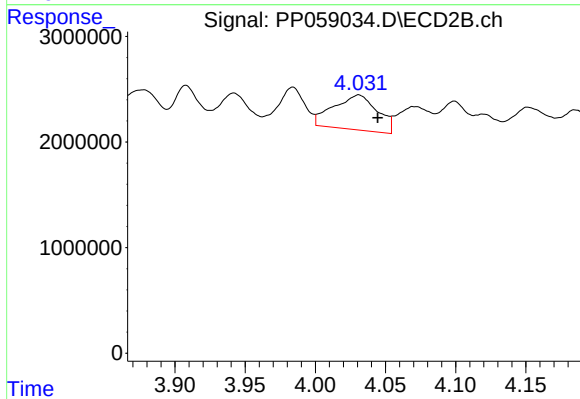
#9 AR-1221-2

R.T.: 3.984 min
Delta R.T.: 0.017 min
Response: 4133453
Conc: 231.76 ng/ml



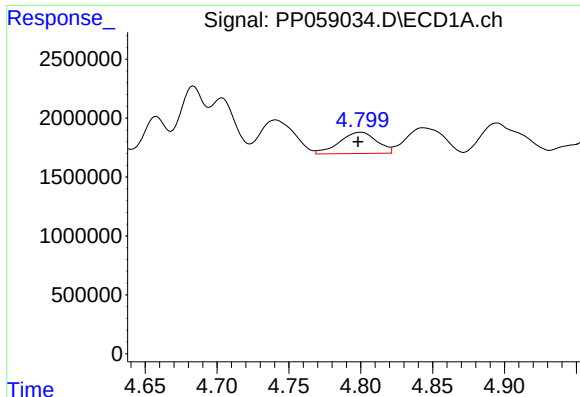
#10 AR-1221-3

R.T.: 4.800 min
Delta R.T.: 0.002 min
Response: 3276028
Conc: 84.47 ng/ml



#10 AR-1221-3

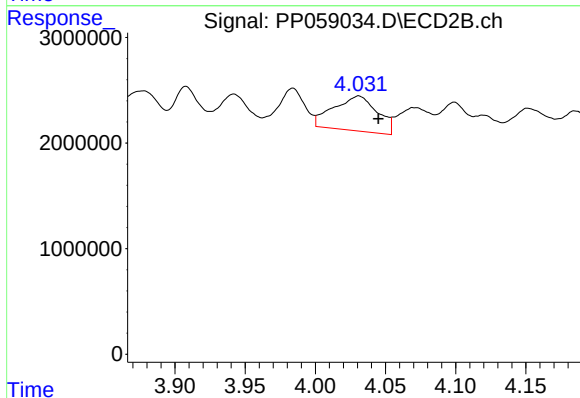
R.T.: 4.031 min
Delta R.T.: -0.014 min
Response: 7183658
Conc: 130.21 ng/ml



#11 AR-1232-1

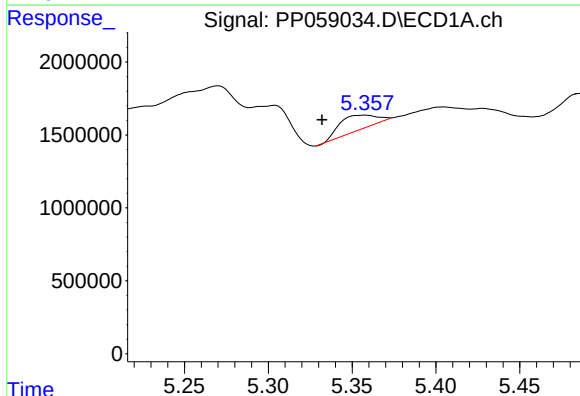
R.T.: 4.800 min
Delta R.T.: 0.002 min
Response: 3276028
Conc: 101.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



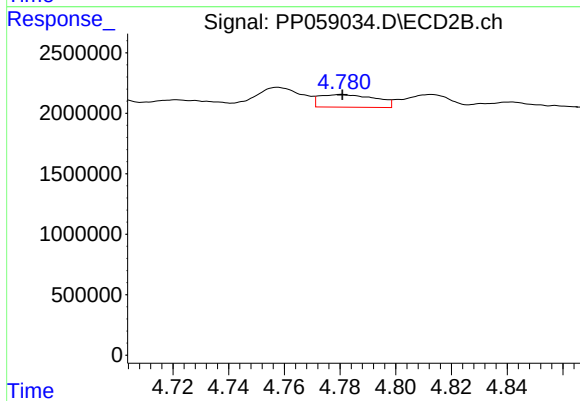
#11 AR-1232-1

R.T.: 4.031 min
Delta R.T.: -0.014 min
Response: 7183658
Conc: 158.25 ng/ml



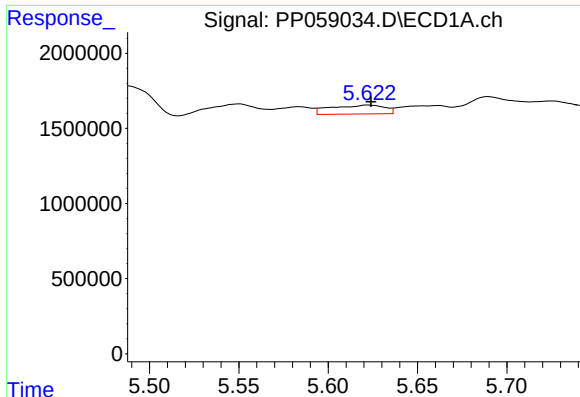
#12 AR-1232-2

R.T.: 5.358 min
Delta R.T.: 0.026 min
Response: 1489017
Conc: 82.22 ng/ml



#12 AR-1232-2

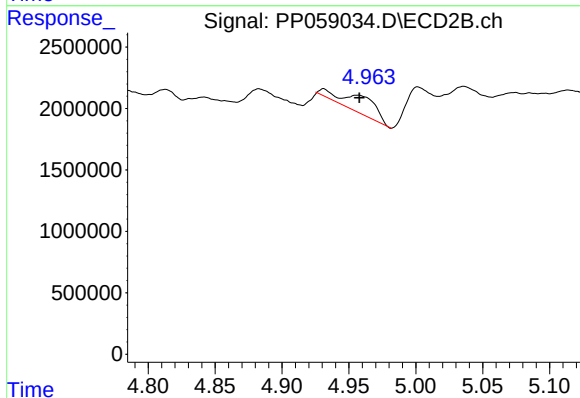
R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 1453878
Conc: 37.65 ng/ml



#13 AR-1232-3

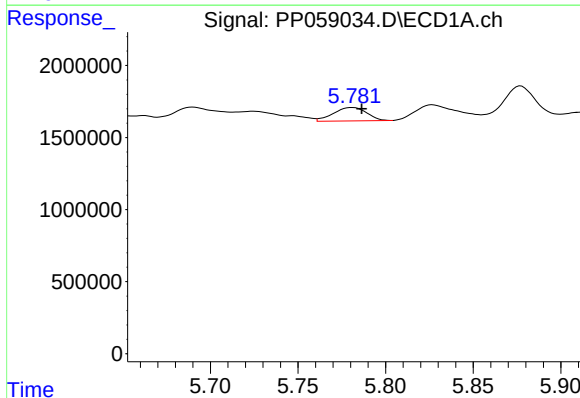
R.T.: 5.623 min
Delta R.T.: -0.001 min
Response: 1239878
Conc: 41.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



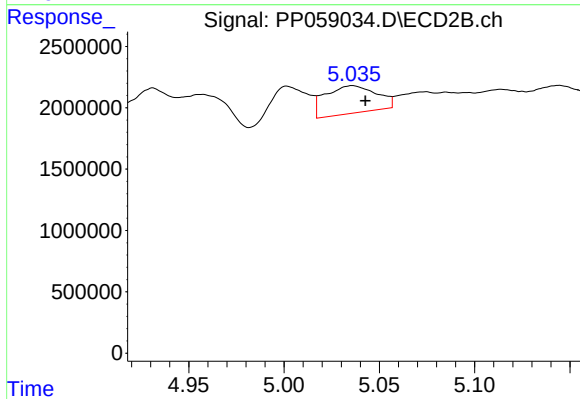
#13 AR-1232-3

R.T.: 4.957 min
Delta R.T.: -0.001 min
Response: 2613494
Conc: 125.79 ng/ml



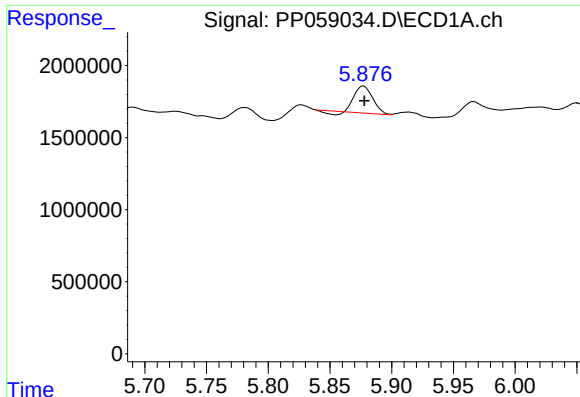
#14 AR-1232-4

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 1230129
Conc: 81.95 ng/ml



#14 AR-1232-4

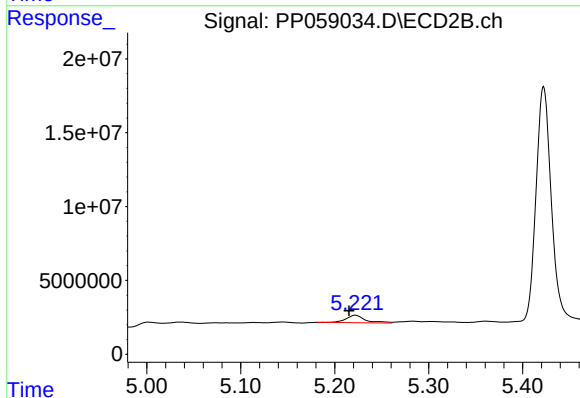
R.T.: 5.036 min
Delta R.T.: -0.007 min
Response: 4201942
Conc: 207.63 ng/ml



#15 AR-1232-5

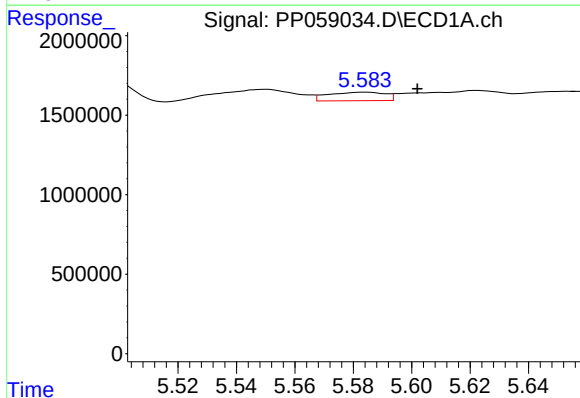
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 1878057
Conc: 144.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



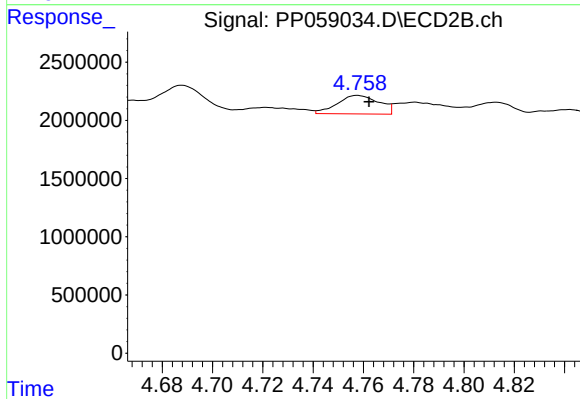
#15 AR-1232-5

R.T.: 5.222 min
Delta R.T.: 0.006 min
Response: 7304039
Conc: 326.70 ng/ml



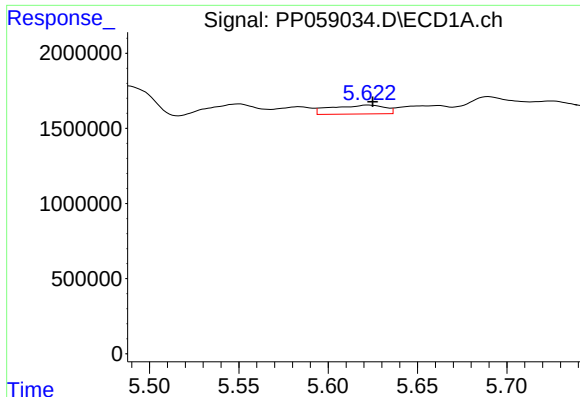
#16 AR-1242-1

R.T.: 5.584 min
Delta R.T.: -0.018 min
Response: 714580
Conc: 18.90 ng/ml



#16 AR-1242-1

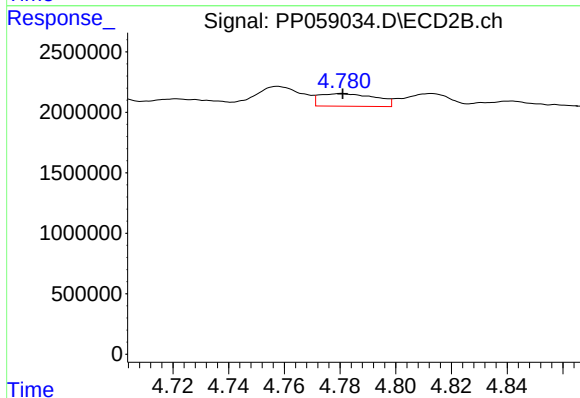
R.T.: 4.758 min
Delta R.T.: -0.004 min
Response: 1837491
Conc: 36.97 ng/ml



#17 AR-1242-2

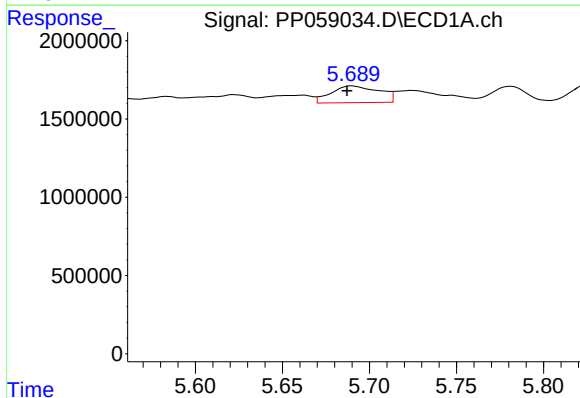
R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 1239878
Conc: 23.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



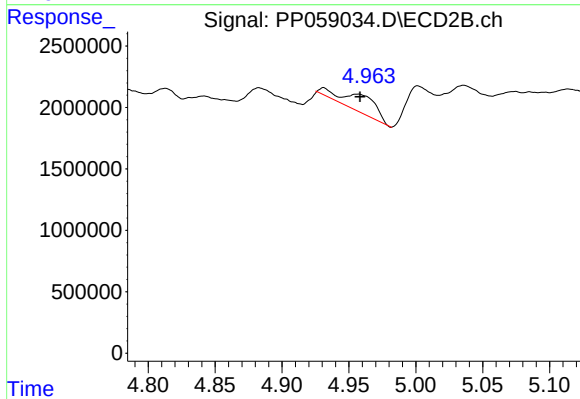
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 1453878
Conc: 20.40 ng/ml



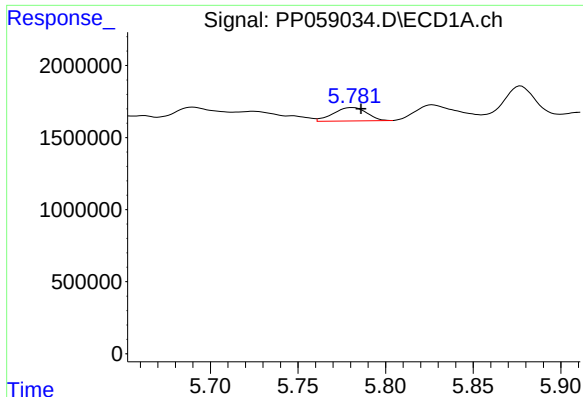
#18 AR-1242-3

R.T.: 5.690 min
Delta R.T.: 0.003 min
Response: 2053571
Conc: 59.29 ng/ml



#18 AR-1242-3

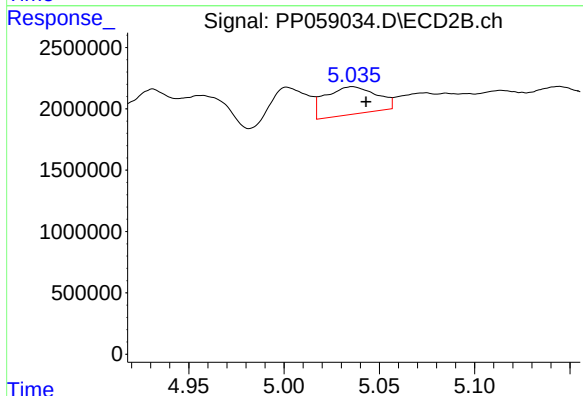
R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 2613494
Conc: 68.93 ng/ml



#19 AR-1242-4

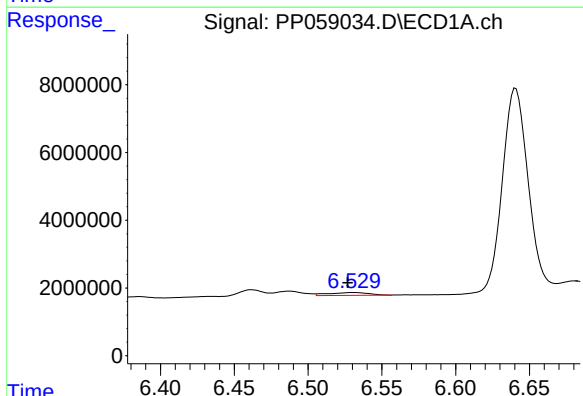
R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 1230129
Conc: 43.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



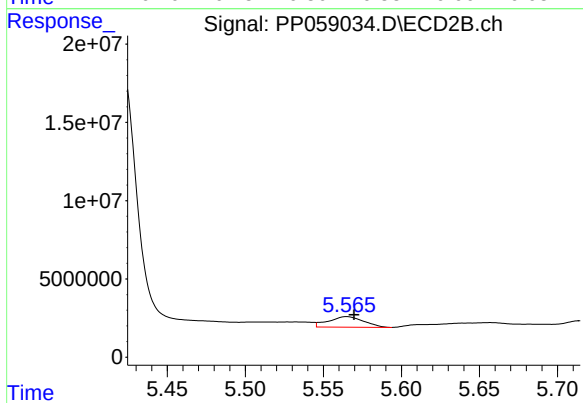
#19 AR-1242-4

R.T.: 5.036 min
Delta R.T.: -0.007 min
Response: 4201942
Conc: 104.39 ng/ml



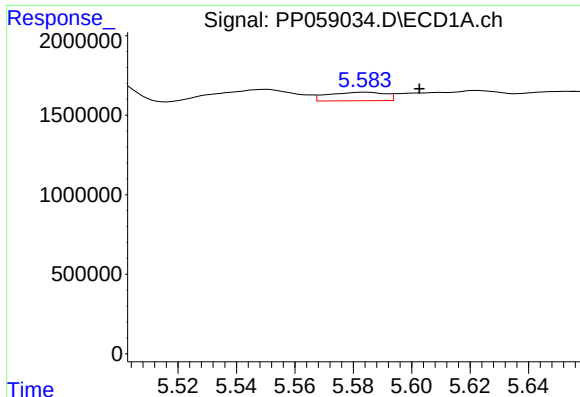
#20 AR-1242-5

R.T.: 6.531 min
Delta R.T.: 0.004 min
Response: 1546058
Conc: 54.48 ng/ml



#20 AR-1242-5

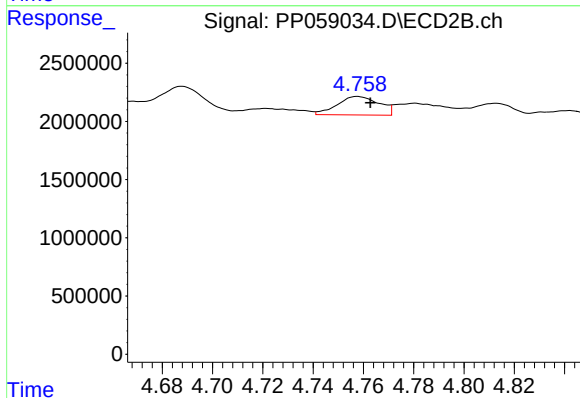
R.T.: 5.565 min
Delta R.T.: -0.005 min
Response: 10529326
Conc: 218.72 ng/ml



#21 AR-1248-1

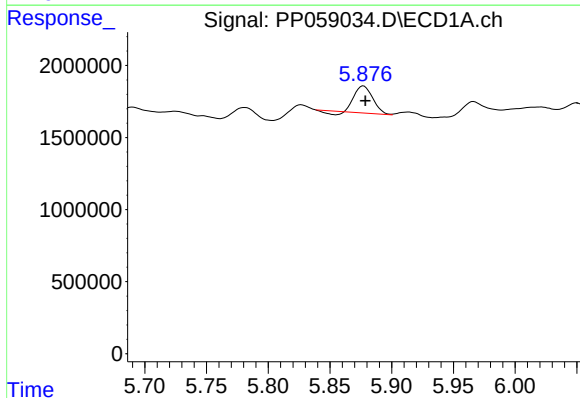
R.T.: 5.584 min
Delta R.T.: -0.019 min
Response: 714580
Conc: 25.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



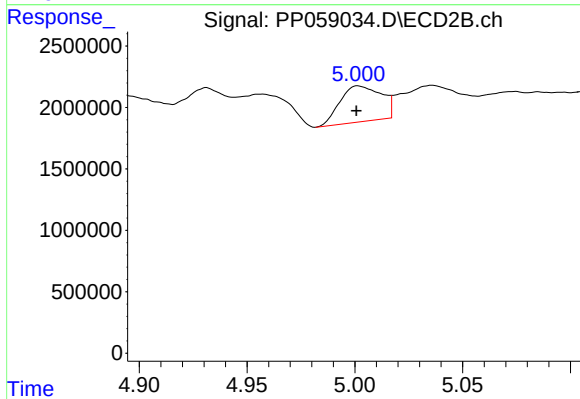
#21 AR-1248-1

R.T.: 4.758 min
Delta R.T.: -0.005 min
Response: 1837491
Conc: 51.01 ng/ml



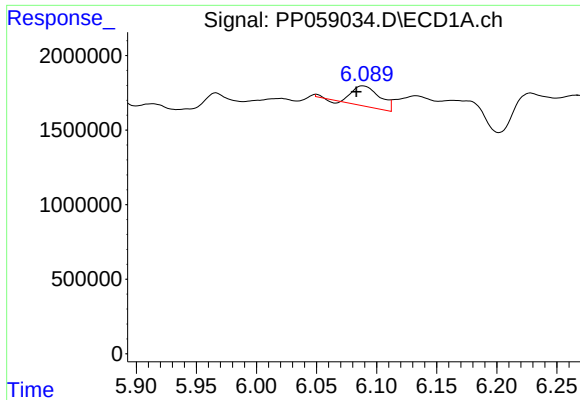
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: -0.002 min
Response: 1878057
Conc: 43.68 ng/ml



#22 AR-1248-2

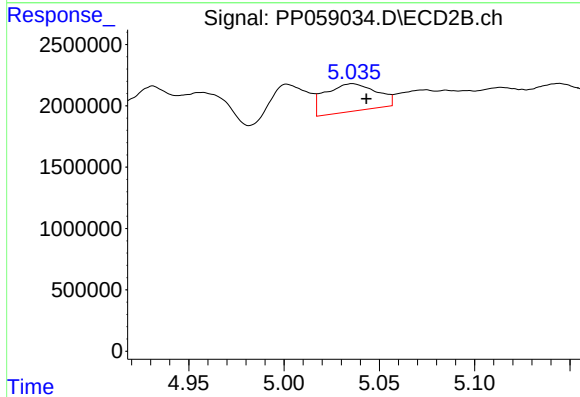
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 3887325
Conc: 68.59 ng/ml



#23 AR-1248-3

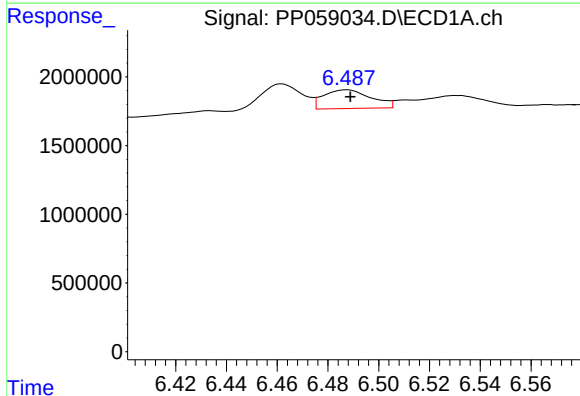
R.T.: 6.089 min
Delta R.T.: 0.006 min
Response: 2186917
Conc: 46.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



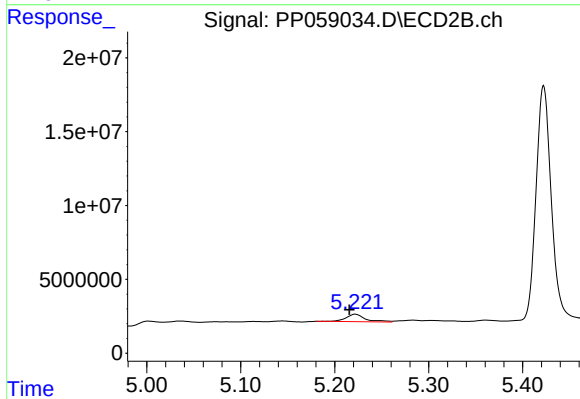
#23 AR-1248-3

R.T.: 5.036 min
Delta R.T.: -0.007 min
Response: 4201942
Conc: 73.36 ng/ml



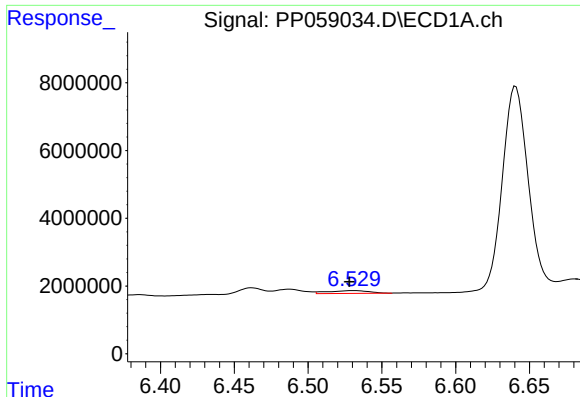
#24 AR-1248-4

R.T.: 6.487 min
Delta R.T.: -0.001 min
Response: 1785652
Conc: 37.76 ng/ml



#24 AR-1248-4

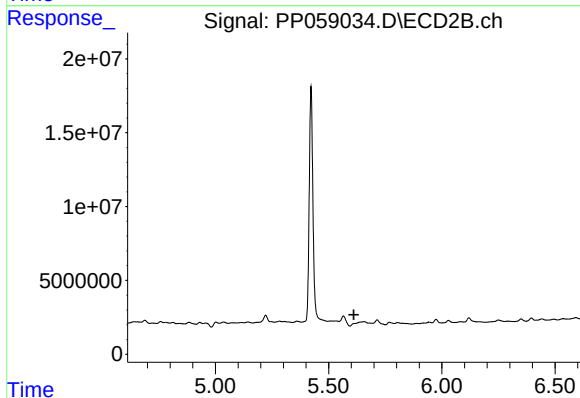
R.T.: 5.222 min
Delta R.T.: 0.006 min
Response: 7304039
Conc: 107.46 ng/ml



#25 AR-1248-5

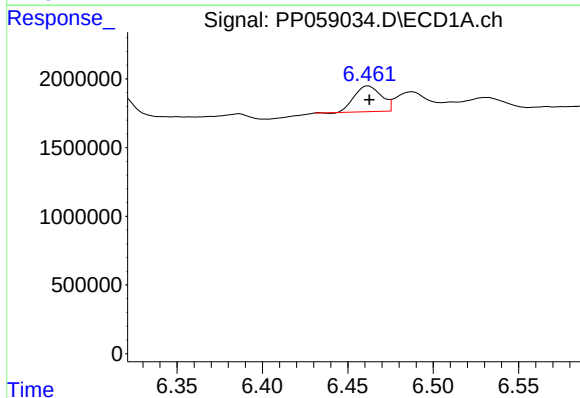
R.T.: 6.531 min
Delta R.T.: 0.003 min
Response: 1546058
Conc: 33.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



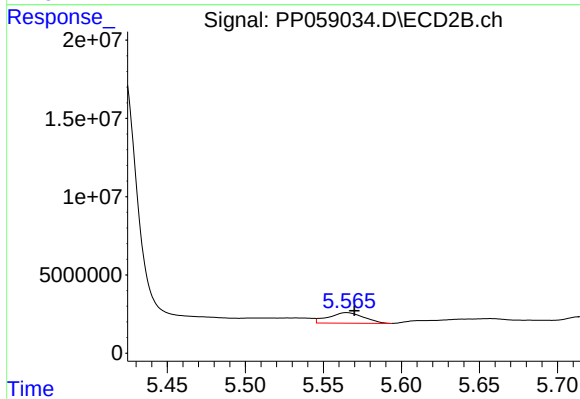
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.612 min
Response: 0
Conc: N.D.



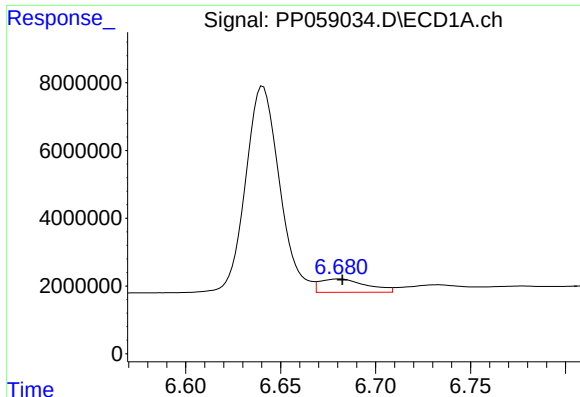
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 2057210
Conc: 38.78 ng/ml



#26 AR-1254-1

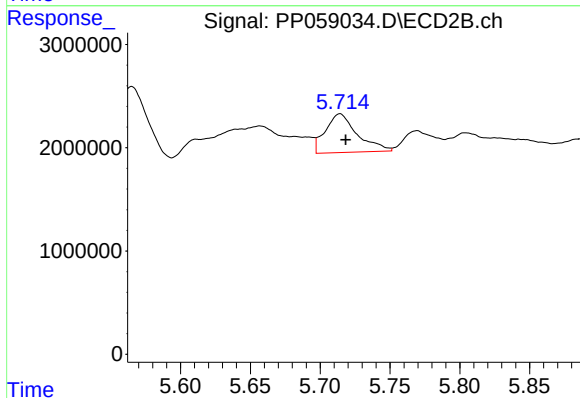
R.T.: 5.565 min
Delta R.T.: -0.005 min
Response: 10529326
Conc: 104.12 ng/ml



#27 AR-1254-2

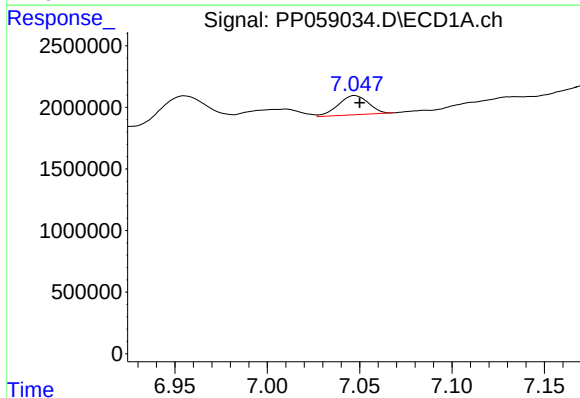
R.T.: 6.681 min
Delta R.T.: -0.002 min
Response: 6735668
Conc: 86.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



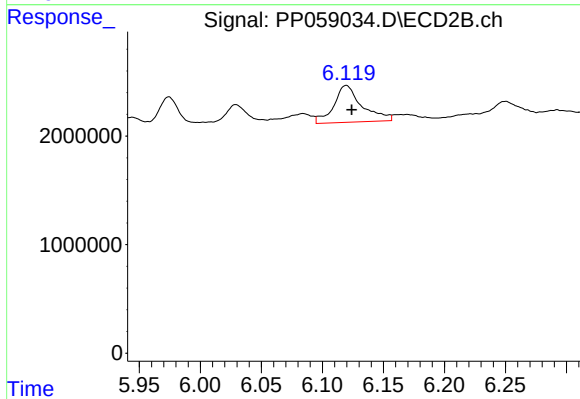
#27 AR-1254-2

R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 5960214
Conc: 68.94 ng/ml



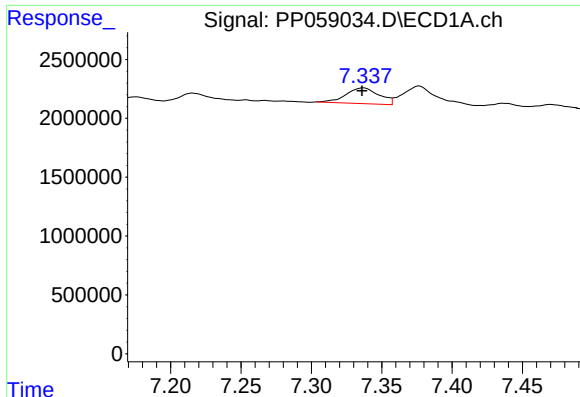
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 1771896
Conc: 22.61 ng/ml



#28 AR-1254-3

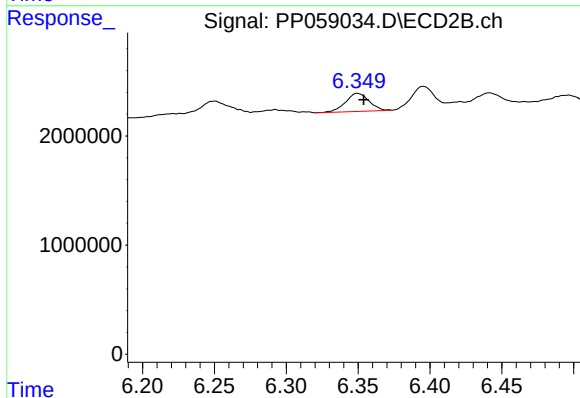
R.T.: 6.120 min
Delta R.T.: -0.005 min
Response: 5472600
Conc: 39.83 ng/ml



#29 AR-1254-4

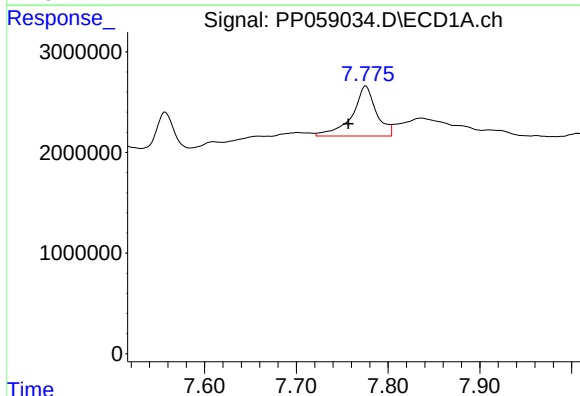
R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 2185410
Conc: 41.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



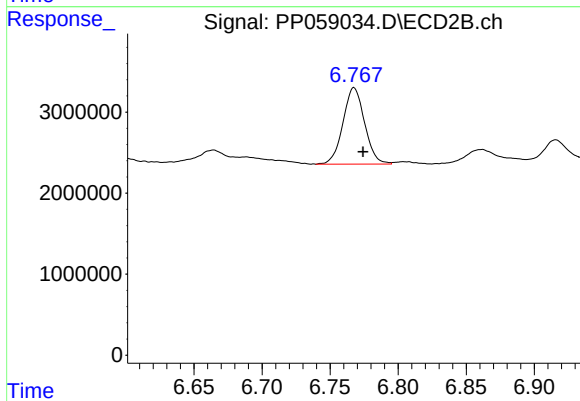
#29 AR-1254-4

R.T.: 6.350 min
Delta R.T.: -0.004 min
Response: 1896237
Conc: 23.73 ng/ml



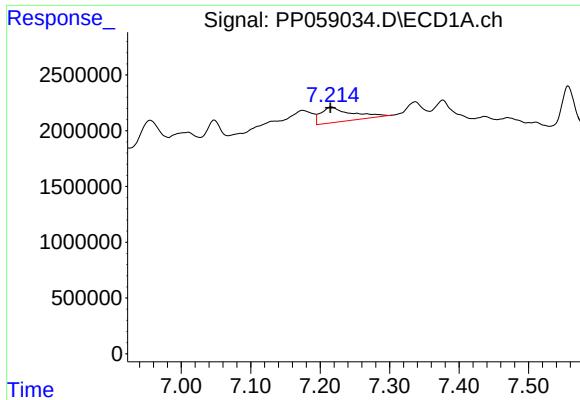
#30 AR-1254-5

R.T.: 7.776 min
Delta R.T.: 0.019 min
Response: 9114292
Conc: 169.50 ng/ml



#30 AR-1254-5

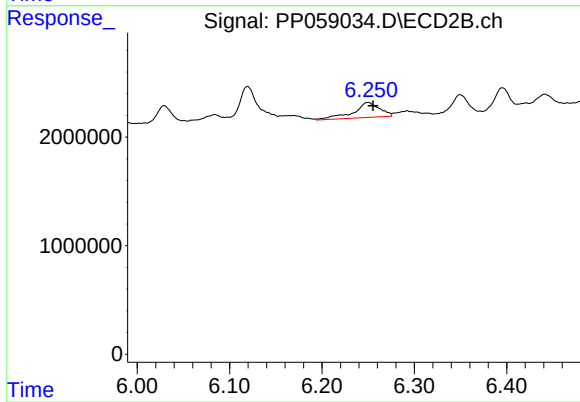
R.T.: 6.768 min
Delta R.T.: -0.007 min
Response: 10438479
Conc: 86.71 ng/ml



#31 AR-1260-1

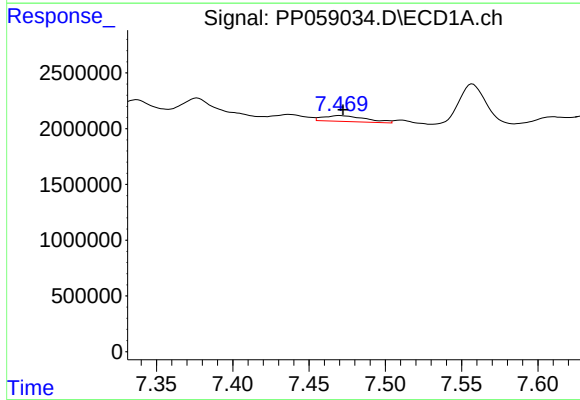
R.T.: 7.216 min
Delta R.T.: 0.001 min
Response: 4367171
Conc: 75.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



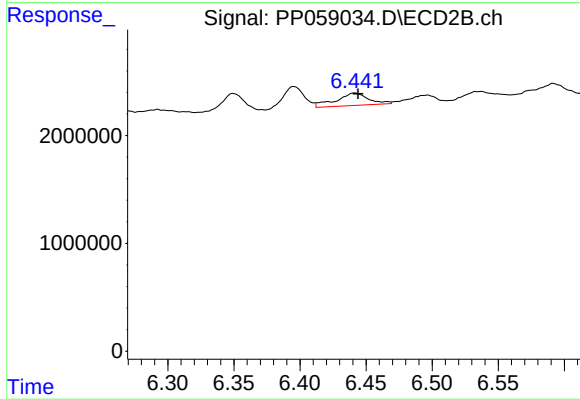
#31 AR-1260-1

R.T.: 6.250 min
Delta R.T.: -0.005 min
Response: 2705769
Conc: 27.34 ng/ml



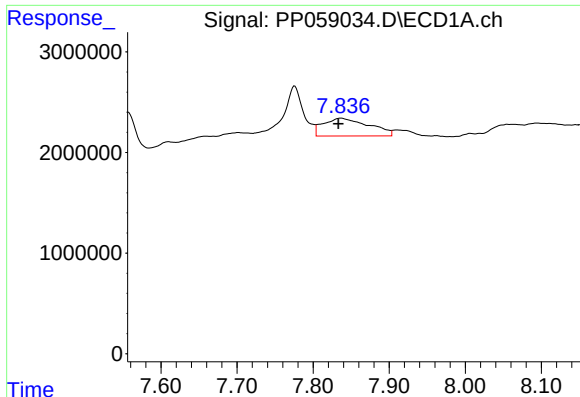
#32 AR-1260-2

R.T.: 7.470 min
Delta R.T.: -0.002 min
Response: 1001244
Conc: 16.52 ng/ml



#32 AR-1260-2

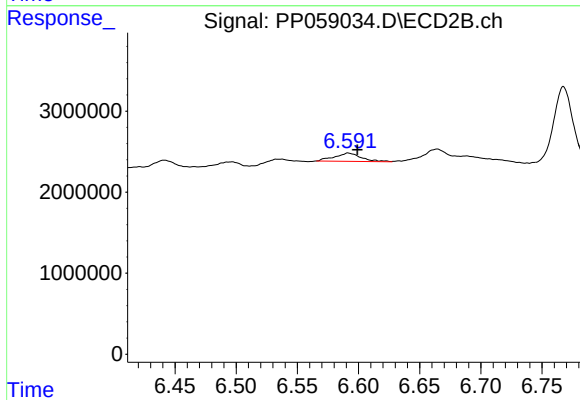
R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 1999850
Conc: 17.59 ng/ml



#33 AR-1260-3

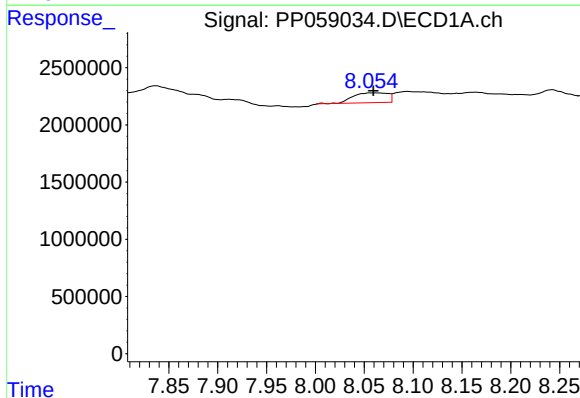
R.T.: 7.836 min
Delta R.T.: 0.003 min
Response: 7373194
Conc: 166.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



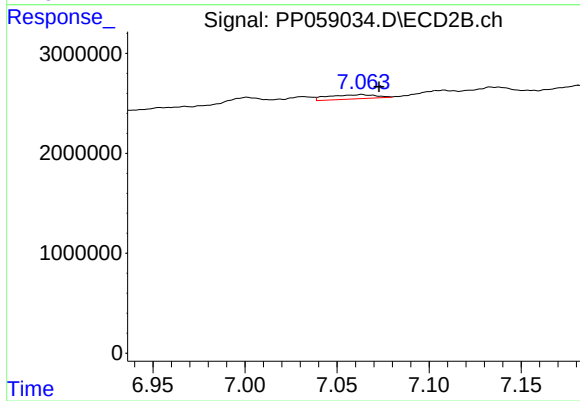
#33 AR-1260-3

R.T.: 6.592 min
Delta R.T.: -0.007 min
Response: 1537270
Conc: 14.05 ng/ml



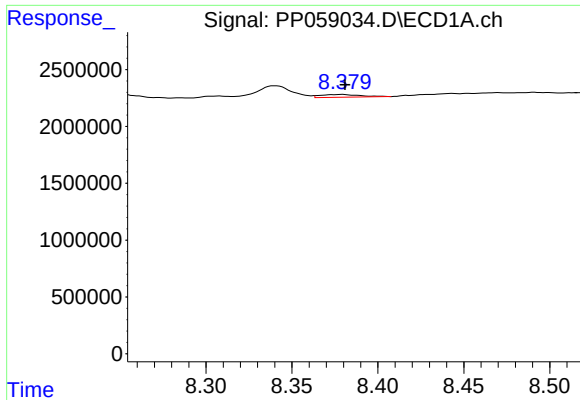
#34 AR-1260-4

R.T.: 8.063 min
Delta R.T.: 0.004 min
Response: 2114606
Conc: 42.87 ng/ml



#34 AR-1260-4

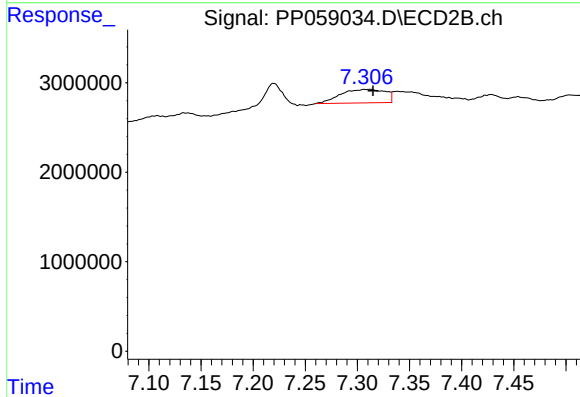
R.T.: 7.063 min
Delta R.T.: -0.009 min
Response: 767353
Conc: 9.02 ng/ml



#35 AR-1260-5

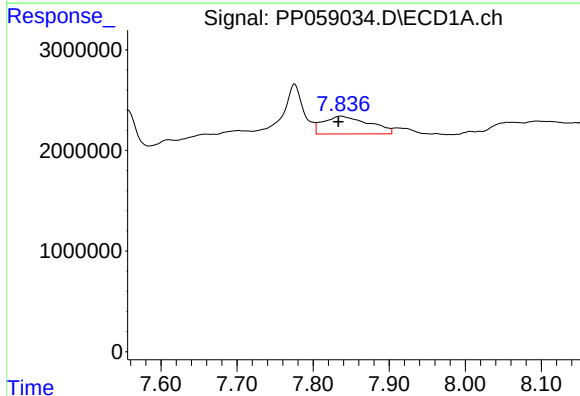
R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 386324
Conc: 4.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



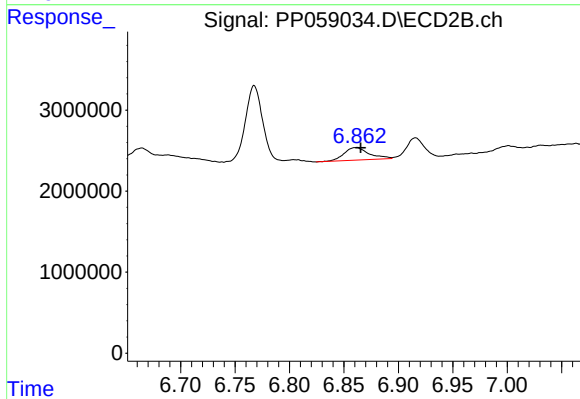
#35 AR-1260-5

R.T.: 7.312 min
Delta R.T.: -0.003 min
Response: 4525169
Conc: 26.68 ng/ml



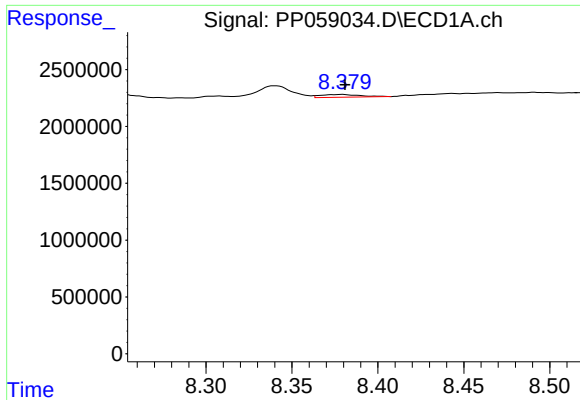
#36 AR-1262-1

R.T.: 7.836 min
Delta R.T.: 0.003 min
Response: 7373194
Conc: 108.06 ng/ml



#36 AR-1262-1

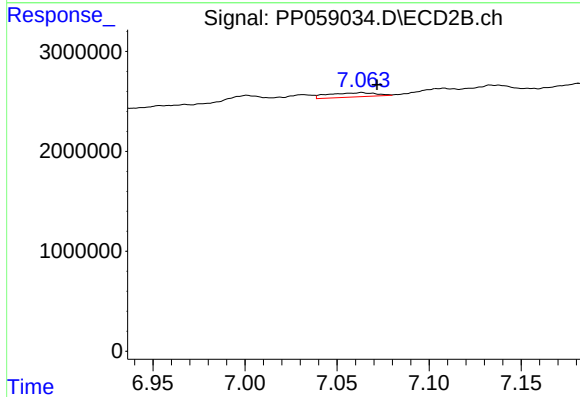
R.T.: 6.861 min
Delta R.T.: -0.004 min
Response: 2477298
Conc: 45.33 ng/ml



#37 AR-1262-2

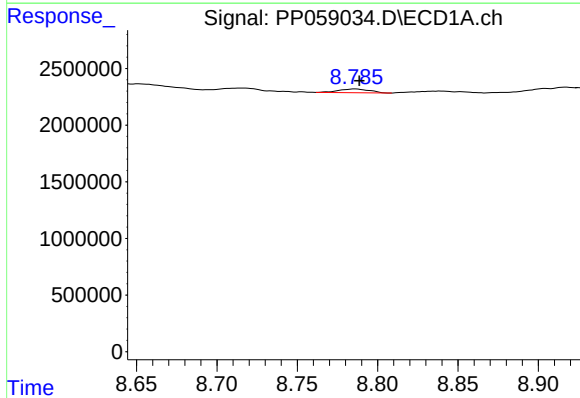
R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 386324
Conc: 3.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



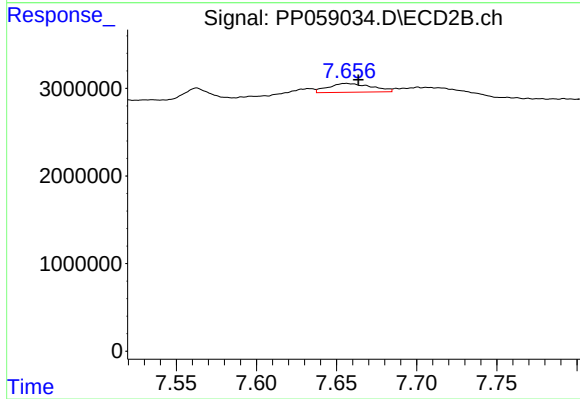
#37 AR-1262-2

R.T.: 7.063 min
Delta R.T.: -0.008 min
Response: 767353
Conc: 6.65 ng/ml



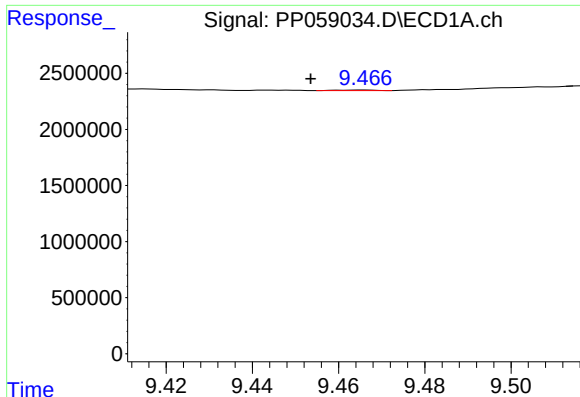
#39 AR-1262-4

R.T.: 8.786 min
Delta R.T.: -0.003 min
Response: 436681
Conc: 7.22 ng/ml



#39 AR-1262-4

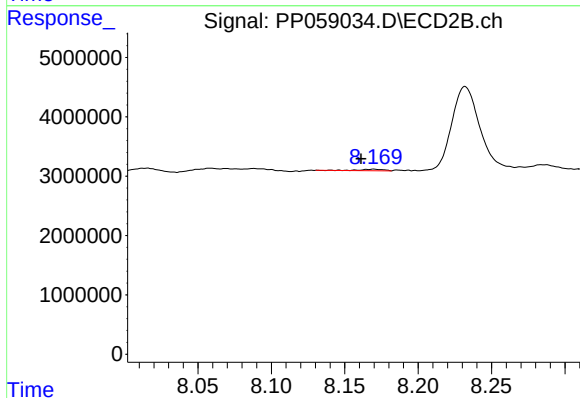
R.T.: 7.656 min
Delta R.T.: -0.008 min
Response: 1884919
Conc: 11.97 ng/ml



#40 AR-1262-5

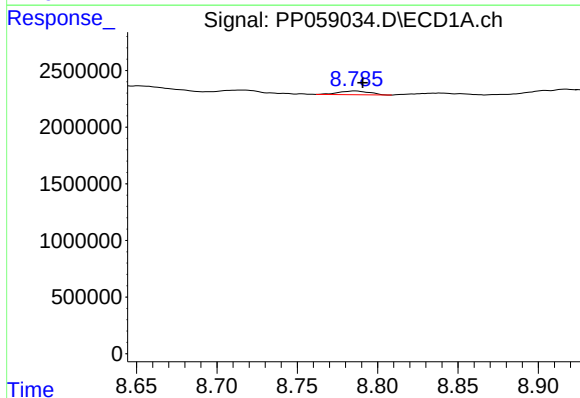
R.T.: 9.465 min
Delta R.T.: 0.012 min
Response: 32076
Conc: 0.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



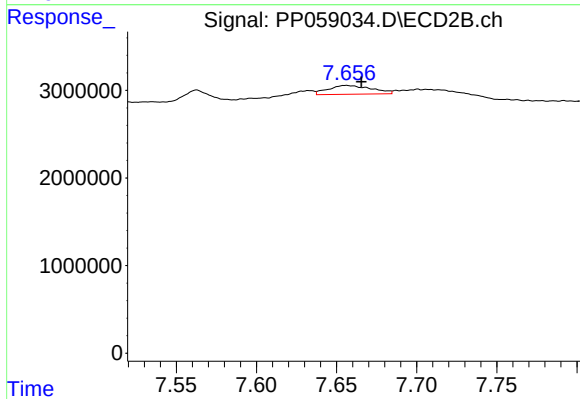
#40 AR-1262-5

R.T.: 8.170 min
Delta R.T.: 0.009 min
Response: 270169
Conc: 3.96 ng/ml



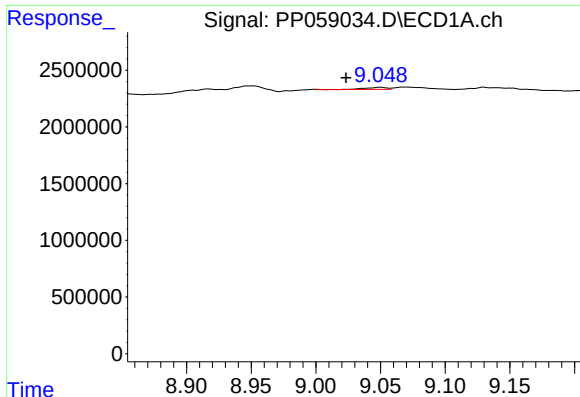
#42 AR-1268-2

R.T.: 8.786 min
Delta R.T.: -0.005 min
Response: 436681
Conc: 3.67 ng/ml



#42 AR-1268-2

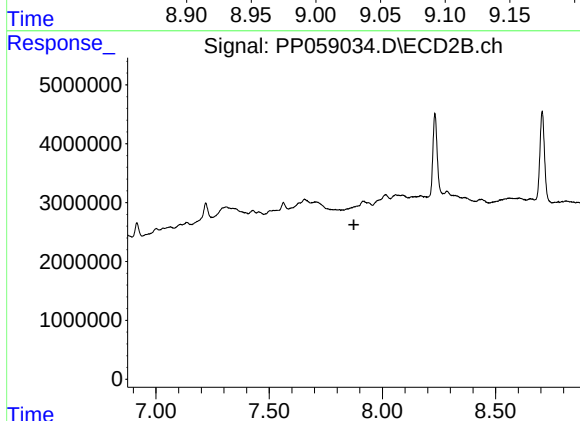
R.T.: 7.656 min
Delta R.T.: -0.010 min
Response: 1884919
Conc: 8.50 ng/ml



#43 AR-1268-3

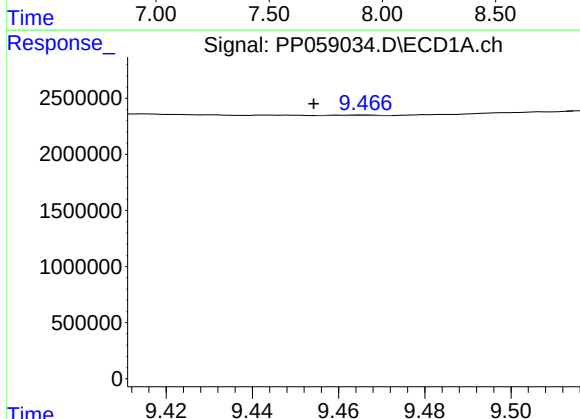
R.T.: 9.050 min
Delta R.T.: 0.026 min
Response: 209706
Conc: 1.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



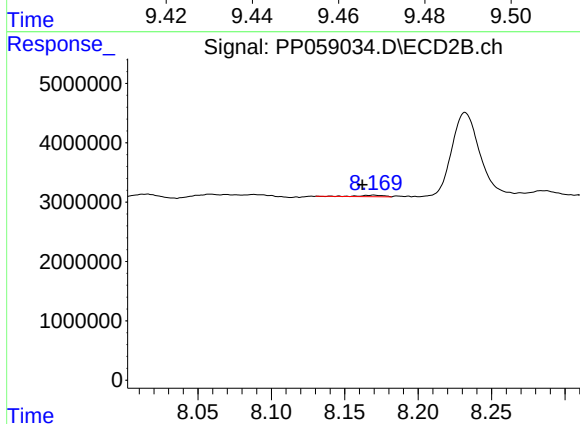
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.874 min
Response: 0
Conc: N.D.



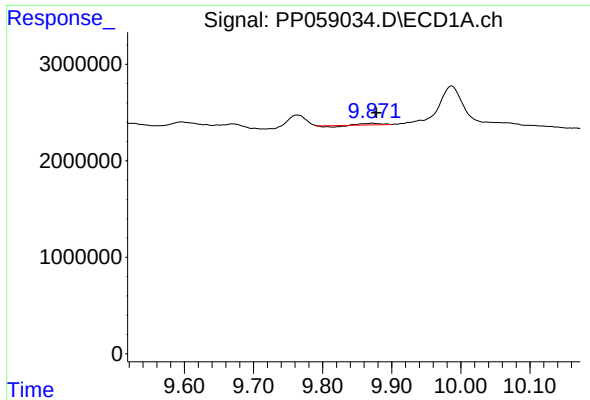
#44 AR-1268-4

R.T.: 9.465 min
Delta R.T.: 0.011 min
Response: 32076
Conc: 0.77 ng/ml



#44 AR-1268-4

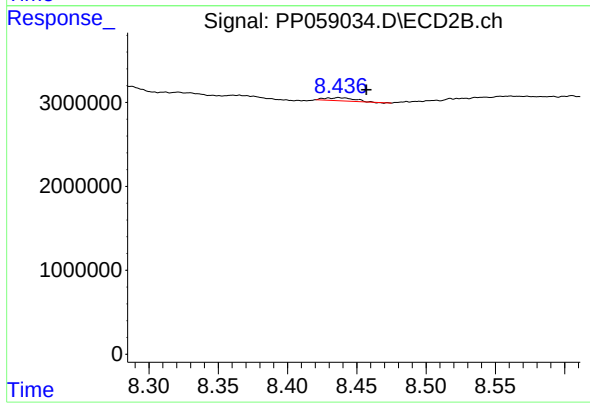
R.T.: 8.170 min
Delta R.T.: 0.008 min
Response: 270169
Conc: 3.65 ng/ml



#45 AR-1268-5

R.T.: 9.872 min
Delta R.T.: -0.006 min
Response: 108864
Conc: 0.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.437 min
Delta R.T.: -0.020 min
Response: 536480
Conc: 0.97 ng/ml