

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP122322\
 Data File : PP053991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 10:11
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 06:01:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121322.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 14 05:38:40 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...	4.340	3.590	45312184	31213976	21.580	19.987
2)	SA Decachlor...	10.114	8.630	36893456	32438000	21.730	23.224
Target Compounds							
3)	L1 AR-1016-1	0.000	4.695	0	385115	N.D.	8.385 #
4)	L1 AR-1016-2	5.544	4.695	165409	385115	1.661	6.146 #
5)	L1 AR-1016-3	5.587	0.000	441917	0	6.992	N.D. #
6)	L1 AR-1016-4	0.000	4.932	0	151556	N.D.	5.086 #
7)	L1 AR-1016-5	5.970f	0.000	169152	0	3.214	N.D. #
8)	L2 AR-1221-1	4.548	3.799	72529	73947	2.815	3.819 #
9)	L2 AR-1221-2	4.622	3.890	77013	485546	3.956	33.217 #
10)	L2 AR-1221-3	4.716	3.963	185248	242821	3.188	5.459 #
11)	L3 AR-1232-1	4.716	3.963	185248	242821	4.136	7.056 #
12)	L3 AR-1232-2	5.218f	4.695	209701	385115	8.152	12.903 #
13)	L3 AR-1232-3	5.544	0.000	165409	0	3.524	N.D. #
15)	L3 AR-1232-5	5.789	0.000	130266	0	7.063	N.D. #
16)	L4 AR-1242-1	0.000	4.695	0	385115	N.D.	10.875 #
17)	L4 AR-1242-2	5.544	4.695	165409	385115	2.171	8.016 #
18)	L4 AR-1242-3	5.587	0.000	441917	0	9.020	N.D. #
20)	L4 AR-1242-5	6.441	5.489	244627	60858	5.998	1.994 #
21)	L5 AR-1248-1	0.000	4.695	0	385115	N.D.	13.538 #
22)	L5 AR-1248-2	5.789	4.932	130266	151556	2.061	3.664 #
23)	L5 AR-1248-3	5.970f	0.000	169152	0	2.415	N.D. #
24)	L5 AR-1248-4	6.415f	0.000	276834	0	3.925	N.D. #
25)	L5 AR-1248-5	6.441	0.000	244627	0	3.472	N.D. #
26)	L6 AR-1254-1	6.379	5.489	221319	60858	2.856	0.929 #
27)	L6 AR-1254-2	6.596	5.639	188731	108875	1.622	1.867
28)	L6 AR-1254-3	6.961	6.047	171928	64617	1.468	0.735 #
29)	L6 AR-1254-4	7.215f	6.263	73286	81889	0.924	1.787 #
30)	L6 AR-1254-5	7.668	6.695	2441366	162743	25.033	2.088 #
31)	L7 AR-1260-1	0.000	6.193	0	88927	N.D.	1.363 #
32)	L7 AR-1260-2	7.401f	6.360	708505	584157	6.413	7.757
33)	L7 AR-1260-3	7.713f	6.509	1039074	350325	13.743	4.833 #
34)	L7 AR-1260-4	7.964	0.000	288698	0	3.076	N.D. #
35)	L7 AR-1260-5	8.285	7.234	876554	665527	5.528	5.565
36)	L8 AR-1262-1	7.713f	6.778	1039074	33926	8.680	0.951 #
37)	L8 AR-1262-2	8.285	0.000	876554	0	4.571	N.D. #
38)	L8 AR-1262-3	8.574f	7.499f	164855	190907	1.190	3.030 #
39)	L8 AR-1262-4	8.661f	7.579	882094	80002	14.173	0.700 #
40)	L8 AR-1262-5	9.348	8.100f	283261	584294	4.009	11.729 #
41)	L9 AR-1268-1	8.574f	7.499f	164855	190907	0.676	1.055 #
42)	L9 AR-1268-2	8.715f	7.579	59879	80002	0.263	0.469 #
43)	L9 AR-1268-3	8.922	7.800	148523	91600	0.775	0.620

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 06:01:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121322.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
44) L9	AR-1268-4	9.348	8.100f	283261	584294	3.680	10.484 #
45) L9	AR-1268-5	9.767	8.374	124365	364886	0.211	0.772 #

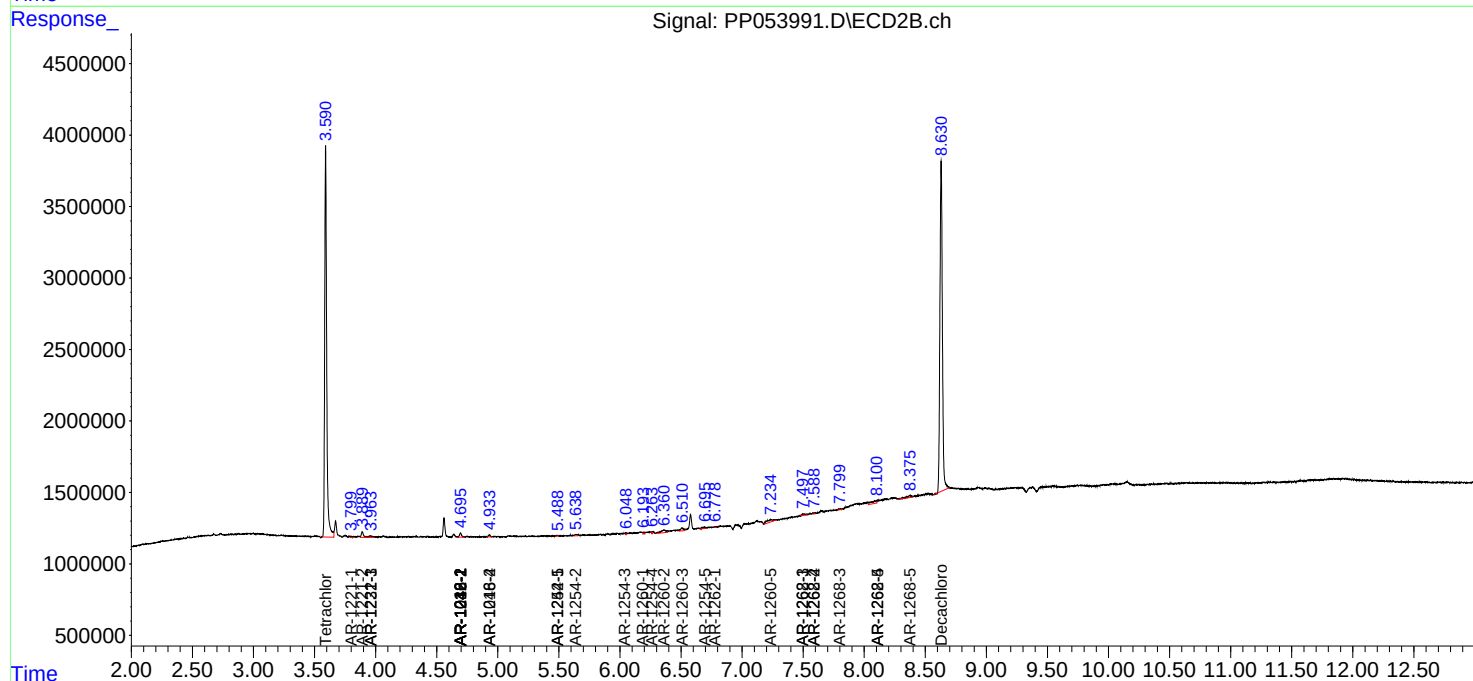
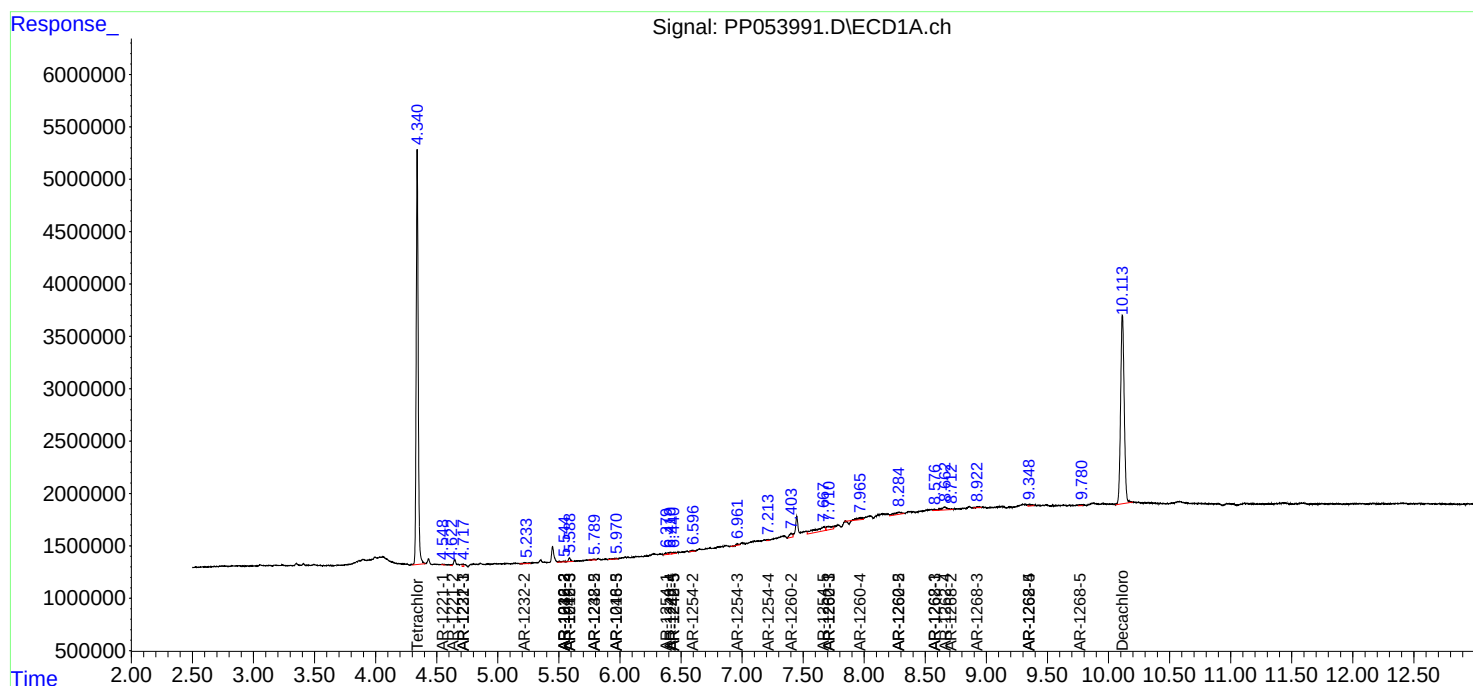
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

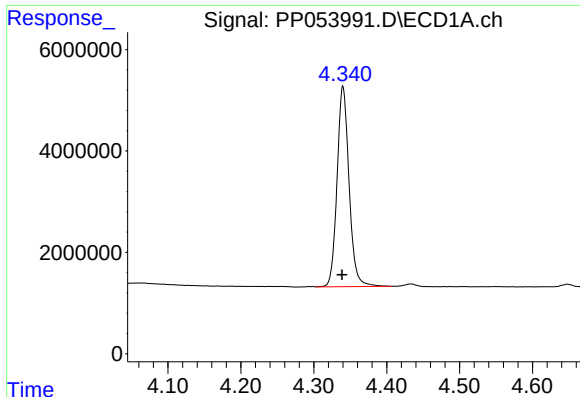
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

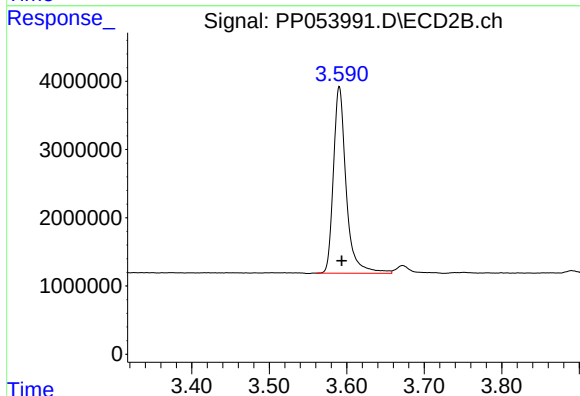




#1 Tetrachloro-m-xylene

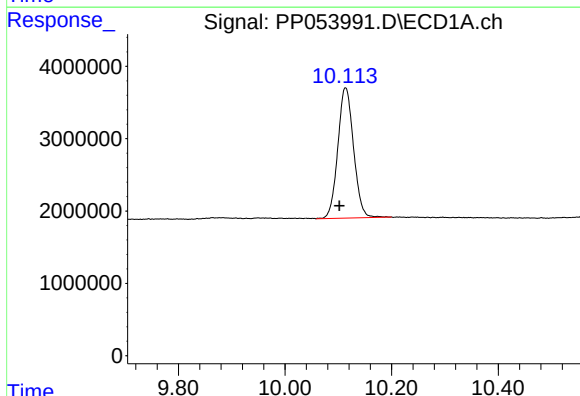
R.T.: 4.340 min
Delta R.T.: 0.001 min
Response: 45312184
Conc: 21.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



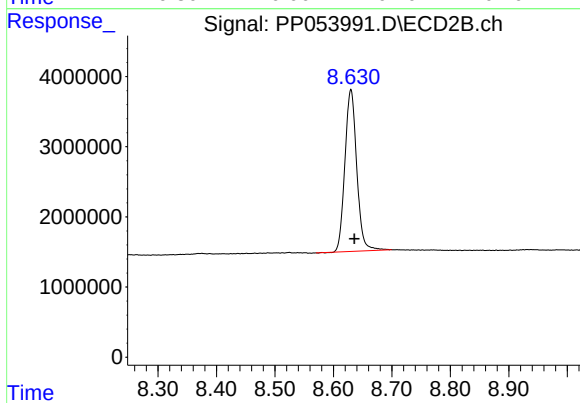
#1 Tetrachloro-m-xylene

R.T.: 3.590 min
Delta R.T.: -0.003 min
Response: 31213976
Conc: 19.99 ng/ml



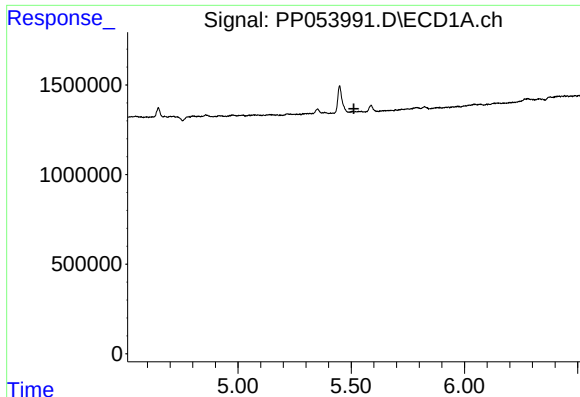
#2 Decachlorobiphenyl

R.T.: 10.114 min
Delta R.T.: 0.011 min
Response: 36893456
Conc: 21.73 ng/ml



#2 Decachlorobiphenyl

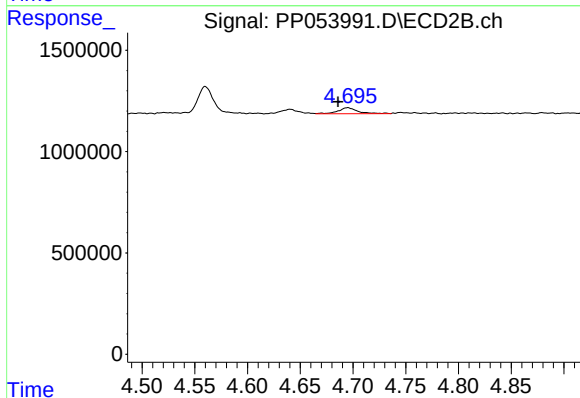
R.T.: 8.630 min
Delta R.T.: -0.006 min
Response: 32438000
Conc: 23.22 ng/ml



#3 AR-1016-1

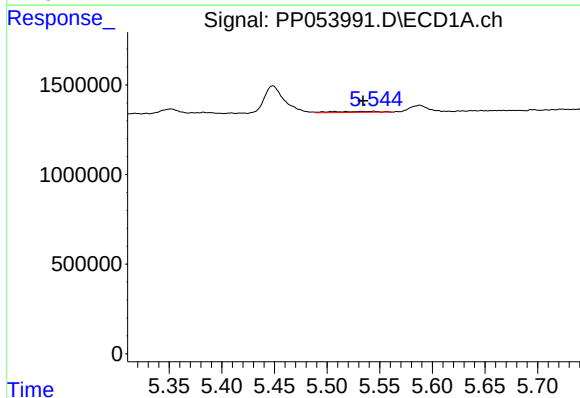
R.T.: 0.000 min
Exp R.T.: 5.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



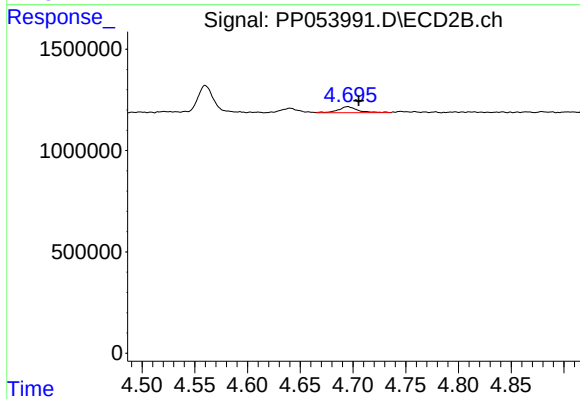
#3 AR-1016-1

R.T.: 4.695 min
Delta R.T.: 0.009 min
Response: 385115
Conc: 8.39 ng/ml



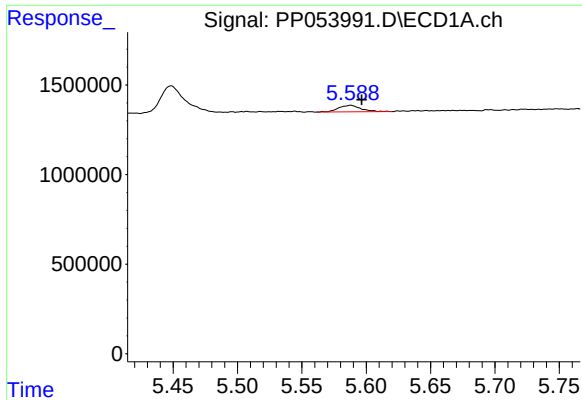
#4 AR-1016-2

R.T.: 5.544 min
Delta R.T.: 0.010 min
Response: 165409
Conc: 1.66 ng/ml



#4 AR-1016-2

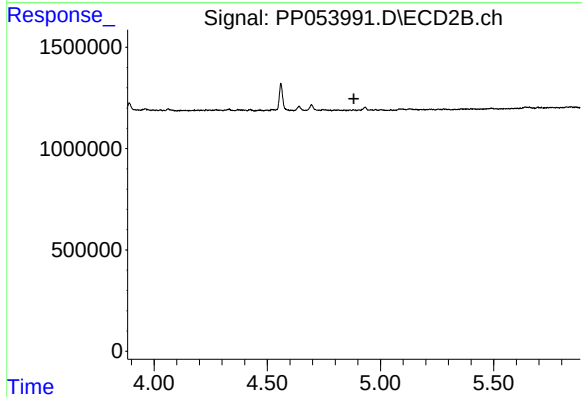
R.T.: 4.695 min
Delta R.T.: -0.010 min
Response: 385115
Conc: 6.15 ng/ml



#5 AR-1016-3

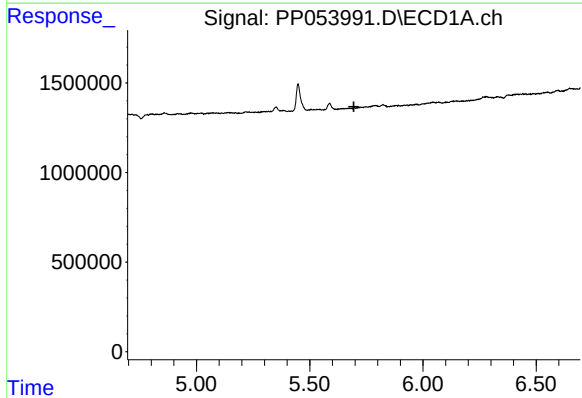
R.T.: 5.587 min
Delta R.T.: -0.009 min
Response: 441917
Conc: 6.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



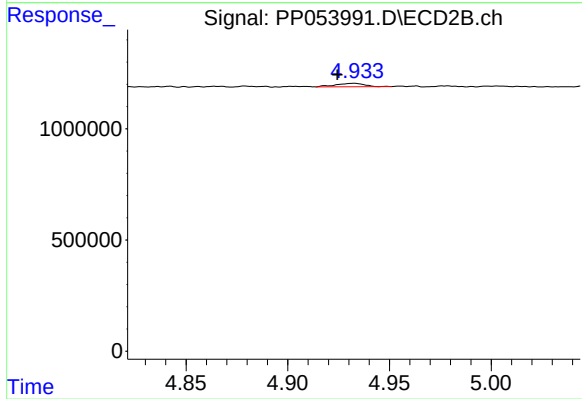
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.882 min
Response: 0
Conc: N.D.



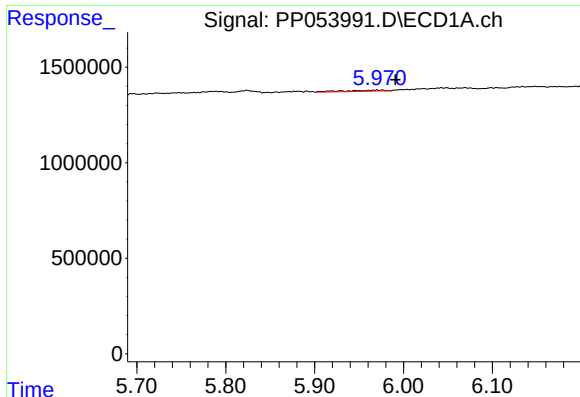
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.695 min
Response: 0
Conc: N.D.



#6 AR-1016-4

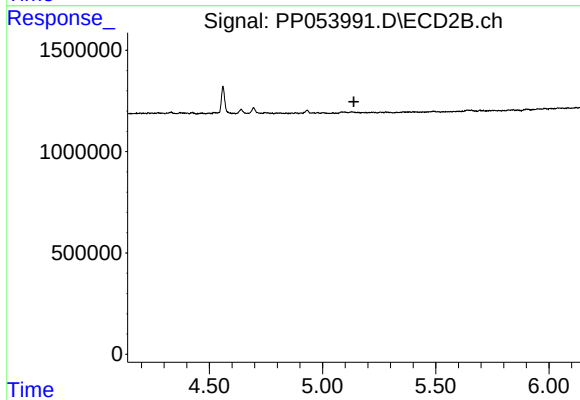
R.T.: 4.932 min
Delta R.T.: 0.008 min
Response: 151556
Conc: 5.09 ng/ml



#7 AR-1016-5

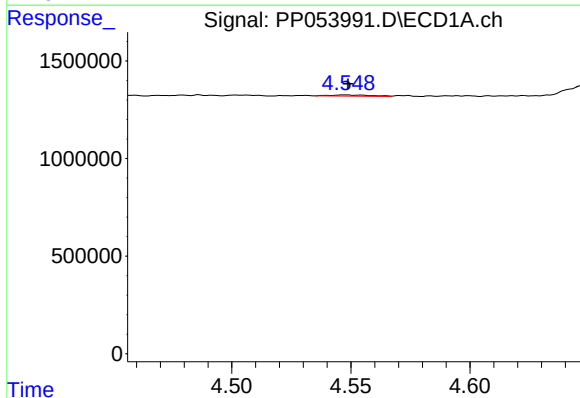
R.T.: 5.970 min
Delta R.T.: -0.020 min
Response: 169152
Conc: 3.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



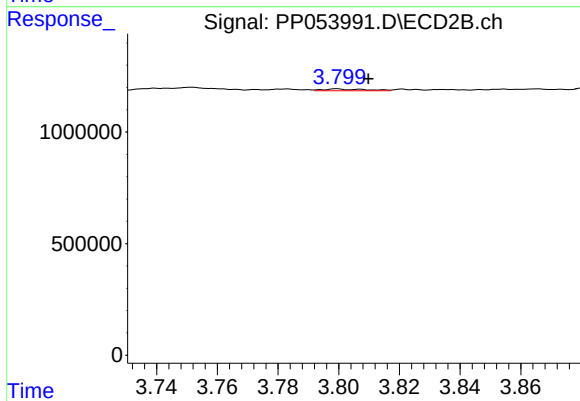
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.



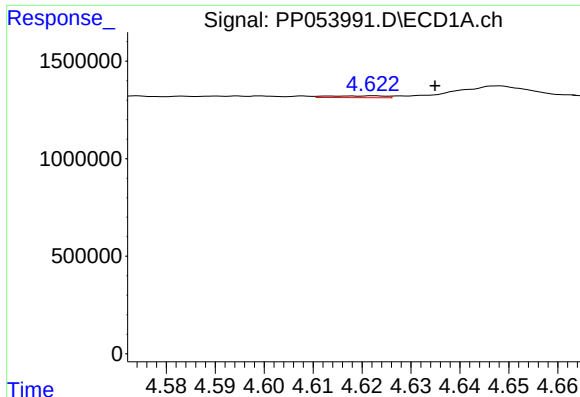
#8 AR-1221-1

R.T.: 4.548 min
Delta R.T.: -0.001 min
Response: 72529
Conc: 2.82 ng/ml



#8 AR-1221-1

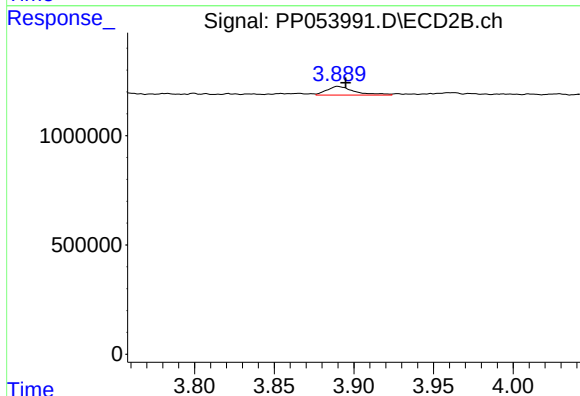
R.T.: 3.799 min
Delta R.T.: -0.010 min
Response: 73947
Conc: 3.82 ng/ml



#9 AR-1221-2

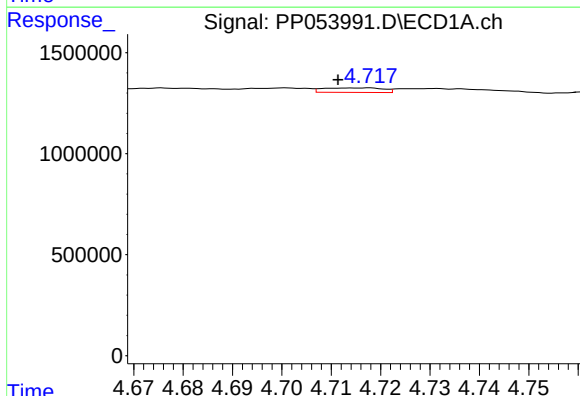
R.T.: 4.622 min
Delta R.T.: -0.012 min
Response: 77013
Conc: 3.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



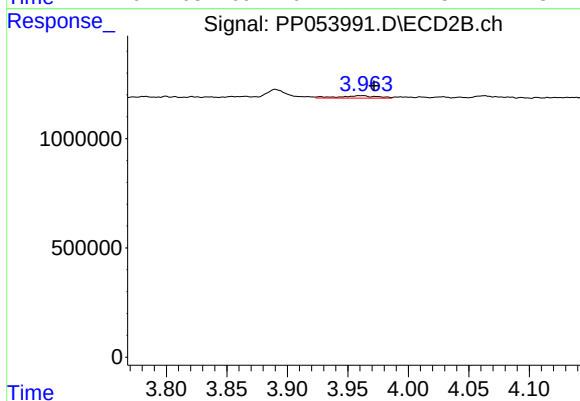
#9 AR-1221-2

R.T.: 3.890 min
Delta R.T.: -0.005 min
Response: 485546
Conc: 33.22 ng/ml



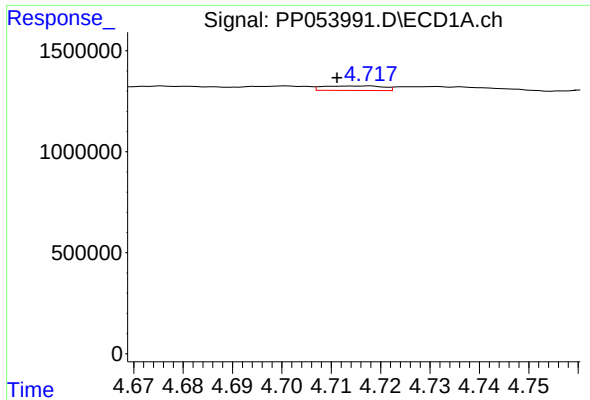
#10 AR-1221-3

R.T.: 4.716 min
Delta R.T.: 0.005 min
Response: 185248
Conc: 3.19 ng/ml



#10 AR-1221-3

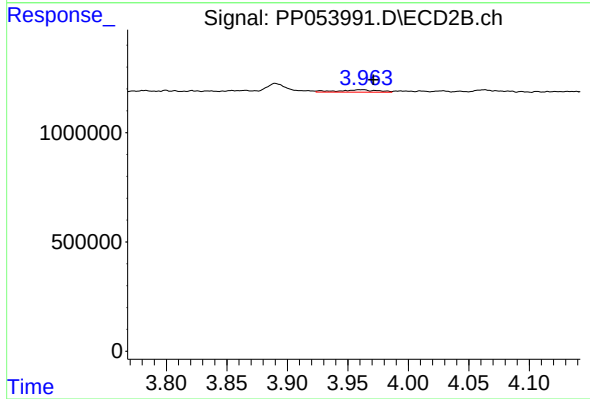
R.T.: 3.963 min
Delta R.T.: -0.009 min
Response: 242821
Conc: 5.46 ng/ml



#11 AR-1232-1

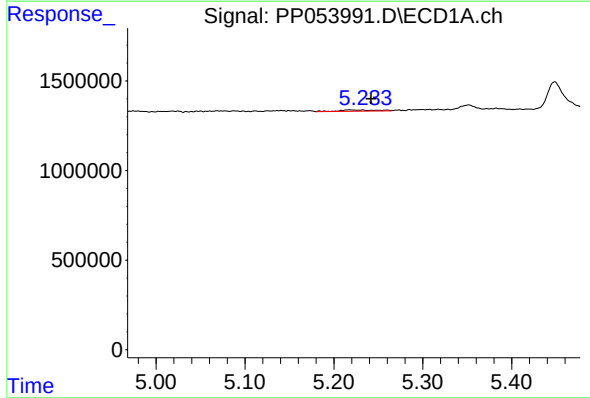
R.T.: 4.716 min
Delta R.T.: 0.005 min
Response: 185248
Conc: 4.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



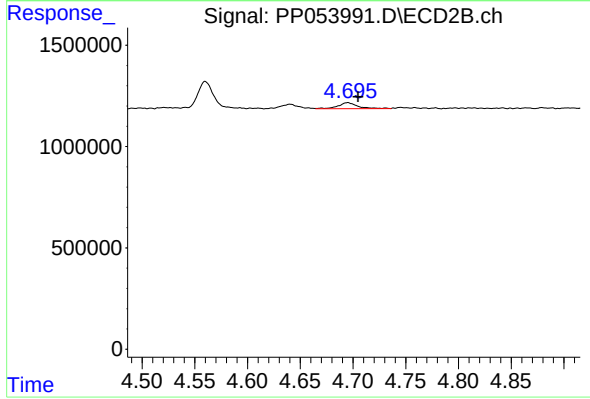
#11 AR-1232-1

R.T.: 3.963 min
Delta R.T.: -0.008 min
Response: 242821
Conc: 7.06 ng/ml



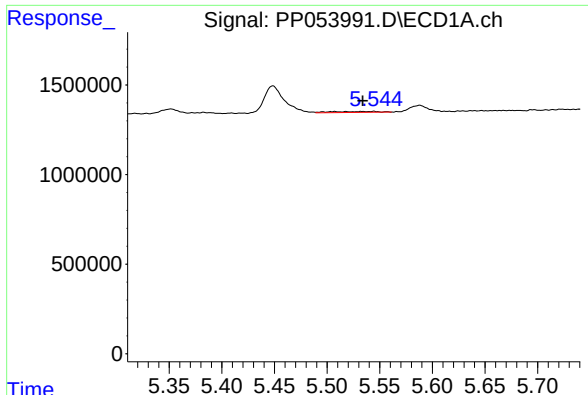
#12 AR-1232-2

R.T.: 5.218 min
Delta R.T.: -0.024 min
Response: 209701
Conc: 8.15 ng/ml



#12 AR-1232-2

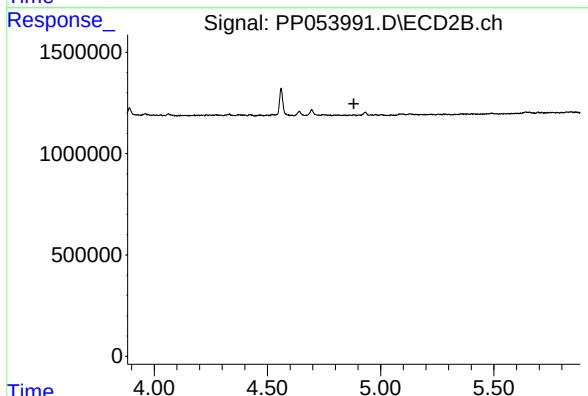
R.T.: 4.695 min
Delta R.T.: -0.010 min
Response: 385115
Conc: 12.90 ng/ml



#13 AR-1232-3

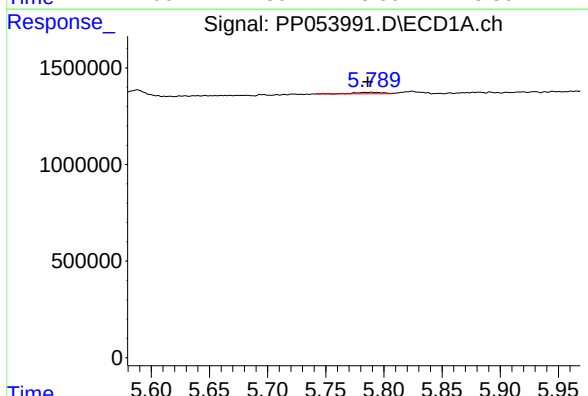
R.T.: 5.544 min
Delta R.T.: 0.010 min
Response: 165409
Conc: 3.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



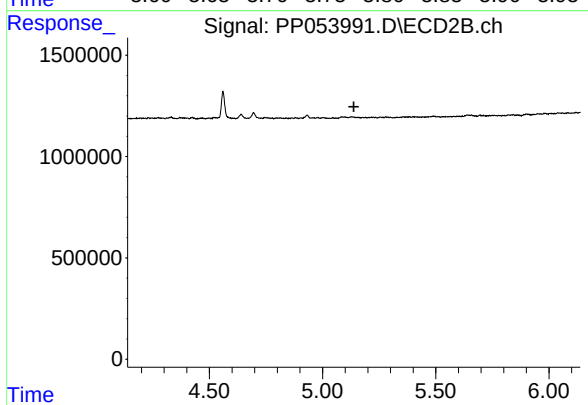
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.882 min
Response: 0
Conc: N.D.



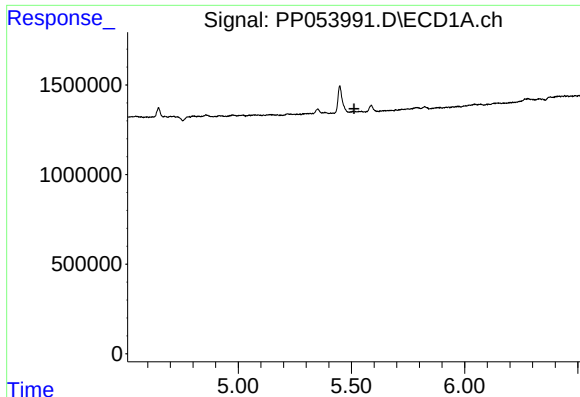
#15 AR-1232-5

R.T.: 5.789 min
Delta R.T.: 0.003 min
Response: 130266
Conc: 7.06 ng/ml



#15 AR-1232-5

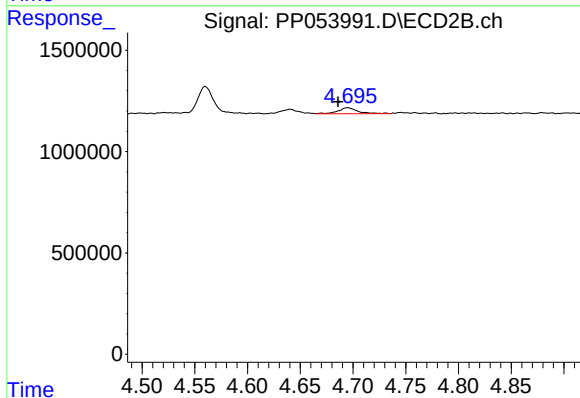
R.T.: 0.000 min
Exp R.T. : 5.138 min
Response: 0
Conc: N.D.



#16 AR-1242-1

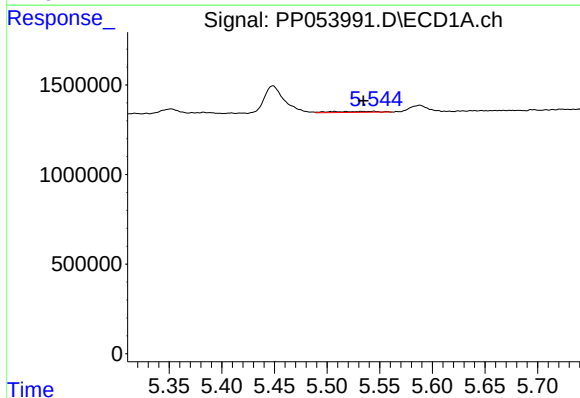
R.T.: 0.000 min
Exp R.T.: 5.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



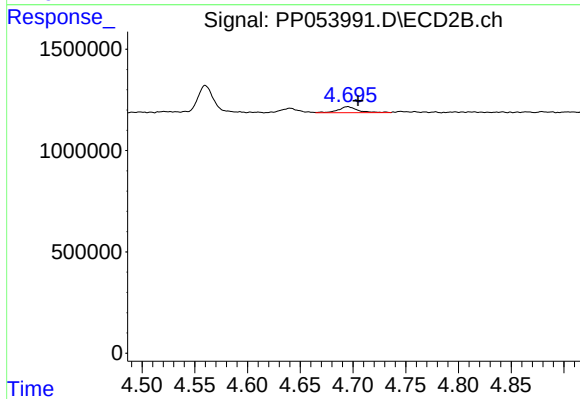
#16 AR-1242-1

R.T.: 4.695 min
Delta R.T.: 0.009 min
Response: 385115
Conc: 10.87 ng/ml



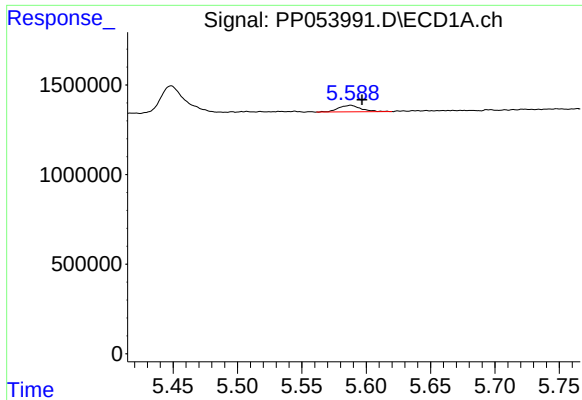
#17 AR-1242-2

R.T.: 5.544 min
Delta R.T.: 0.009 min
Response: 165409
Conc: 2.17 ng/ml



#17 AR-1242-2

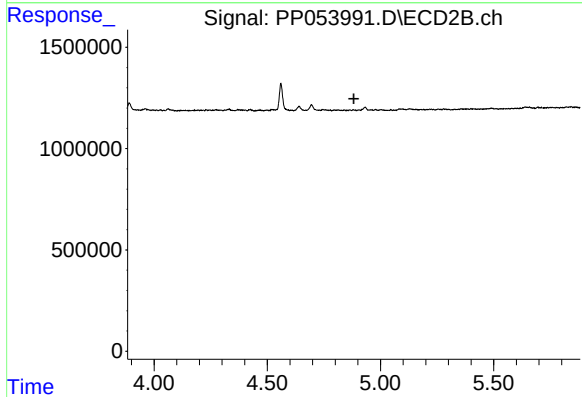
R.T.: 4.695 min
Delta R.T.: -0.010 min
Response: 385115
Conc: 8.02 ng/ml



#18 AR-1242-3

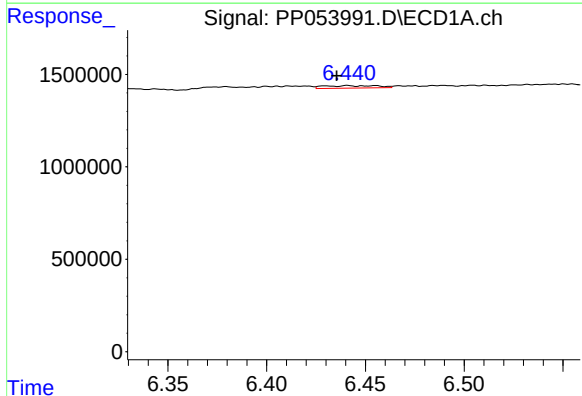
R.T.: 5.587 min
Delta R.T.: -0.010 min
Response: 441917
Conc: 9.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



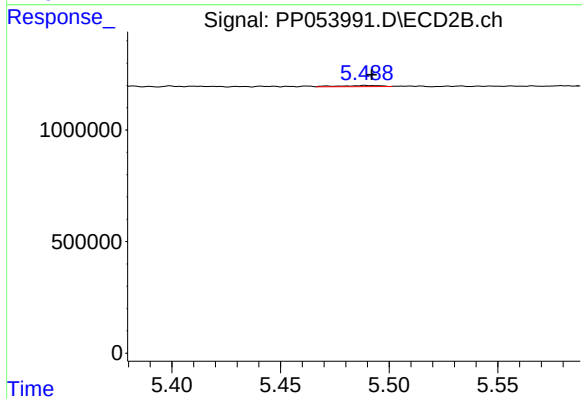
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.882 min
Response: 0
Conc: N.D.



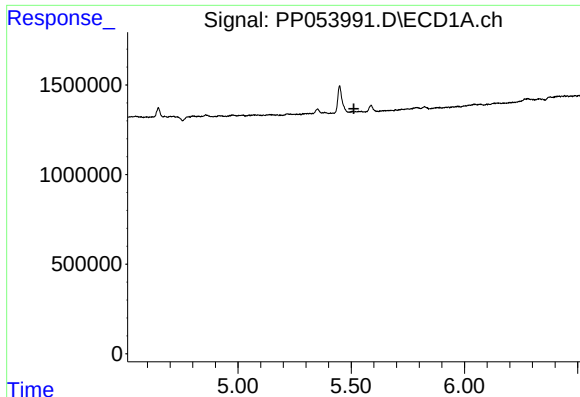
#20 AR-1242-5

R.T.: 6.441 min
Delta R.T.: 0.006 min
Response: 244627
Conc: 6.00 ng/ml



#20 AR-1242-5

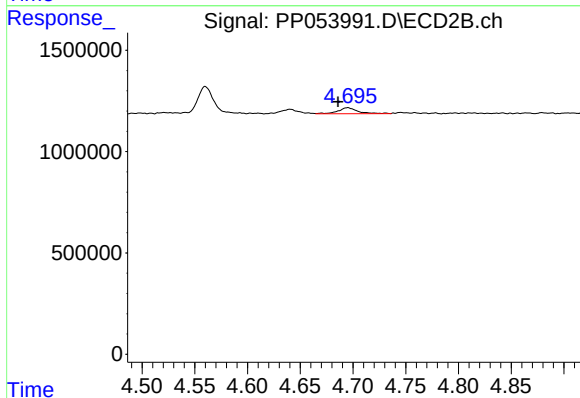
R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 60858
Conc: 1.99 ng/ml



#21 AR-1248-1

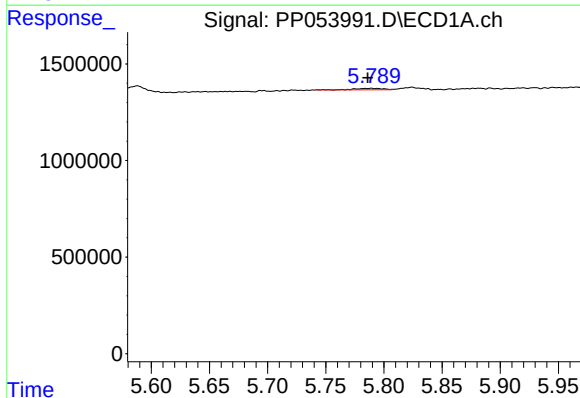
R.T.: 0.000 min
Exp R.T.: 5.512 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



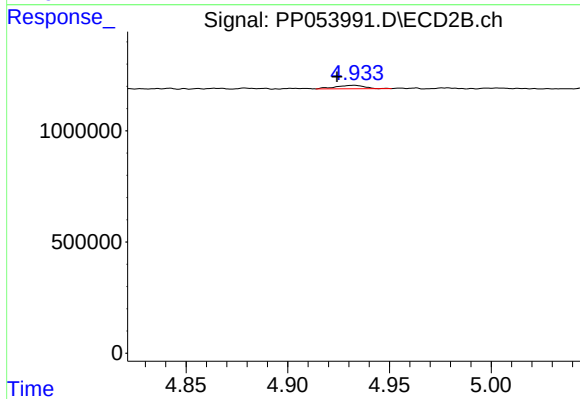
#21 AR-1248-1

R.T.: 4.695 min
Delta R.T.: 0.009 min
Response: 385115
Conc: 13.54 ng/ml



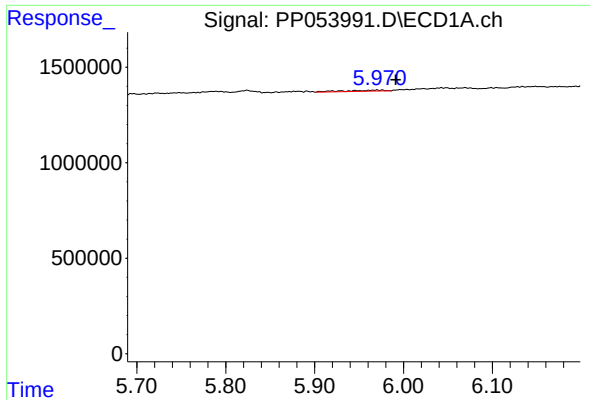
#22 AR-1248-2

R.T.: 5.789 min
Delta R.T.: 0.003 min
Response: 130266
Conc: 2.06 ng/ml



#22 AR-1248-2

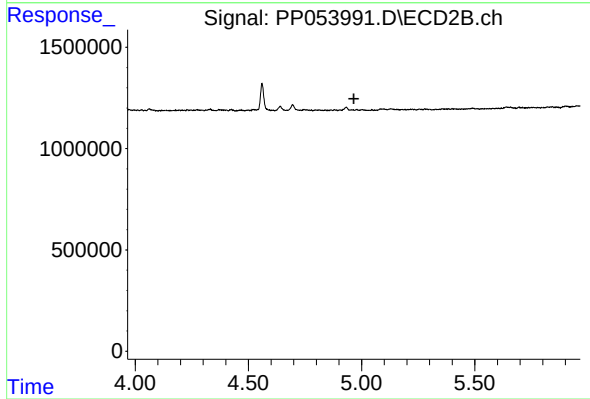
R.T.: 4.932 min
Delta R.T.: 0.008 min
Response: 151556
Conc: 3.66 ng/ml



#23 AR-1248-3

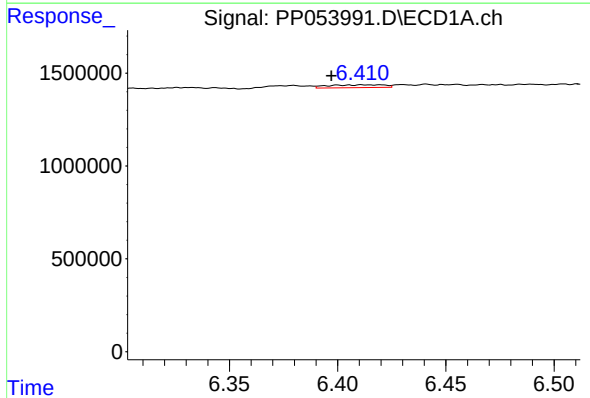
R.T.: 5.970 min
Delta R.T.: -0.021 min
Response: 169152
Conc: 2.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



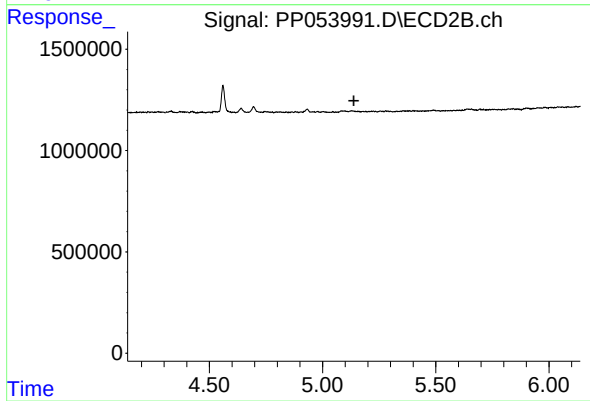
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.966 min
Response: 0
Conc: N.D.



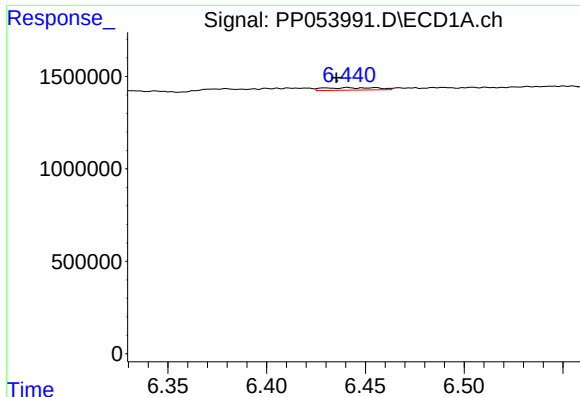
#24 AR-1248-4

R.T.: 6.415 min
Delta R.T.: 0.018 min
Response: 276834
Conc: 3.93 ng/ml



#24 AR-1248-4

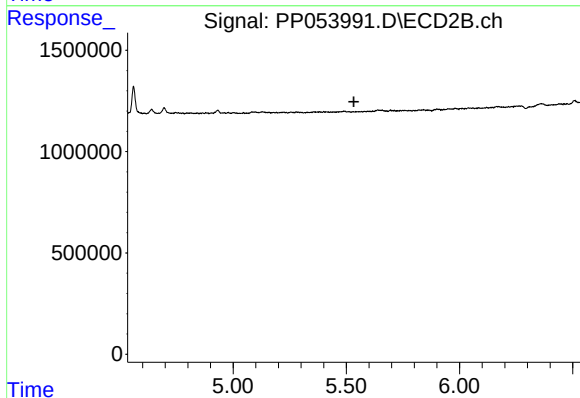
R.T.: 0.000 min
Exp R.T. : 5.138 min
Response: 0
Conc: N.D.



#25 AR-1248-5

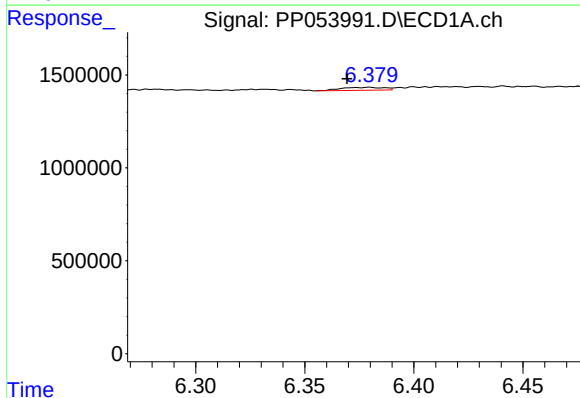
R.T.: 6.441 min
Delta R.T.: 0.006 min
Response: 244627
Conc: 3.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



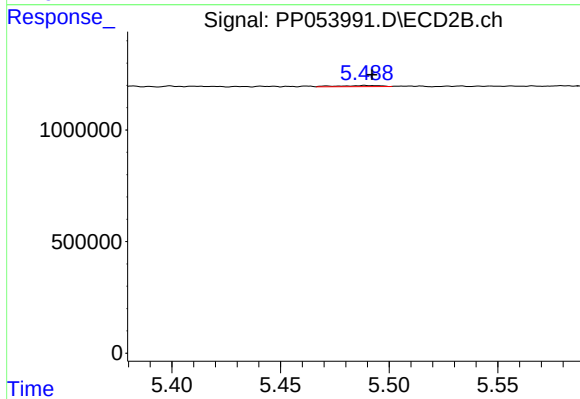
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.



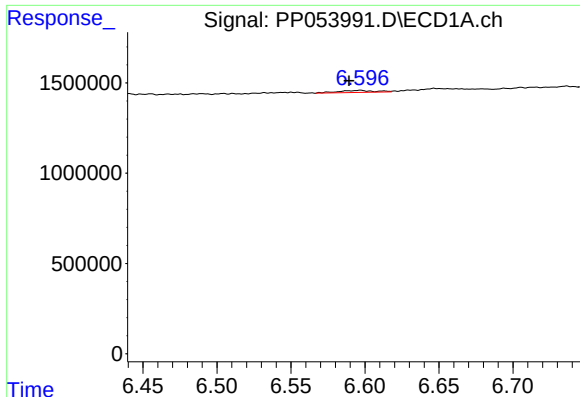
#26 AR-1254-1

R.T.: 6.379 min
Delta R.T.: 0.009 min
Response: 221319
Conc: 2.86 ng/ml



#26 AR-1254-1

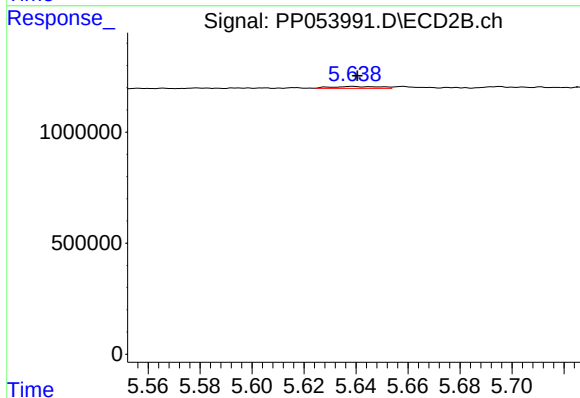
R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 60858
Conc: 0.93 ng/ml



#27 AR-1254-2

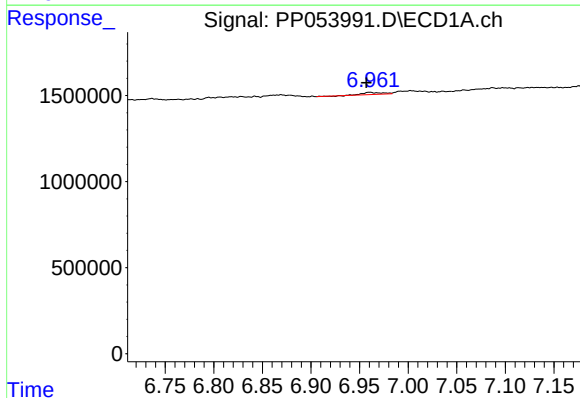
R.T.: 6.596 min
Delta R.T.: 0.007 min
Response: 188731
Conc: 1.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



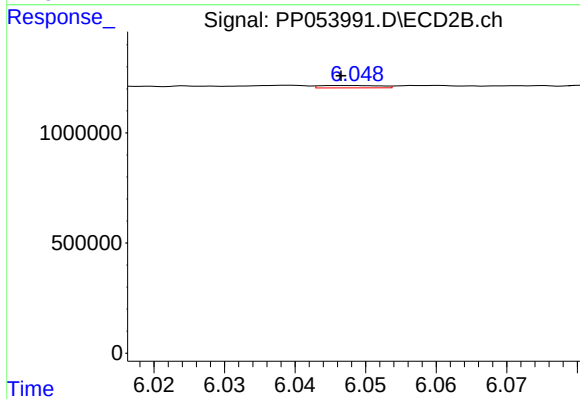
#27 AR-1254-2

R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 108875
Conc: 1.87 ng/ml



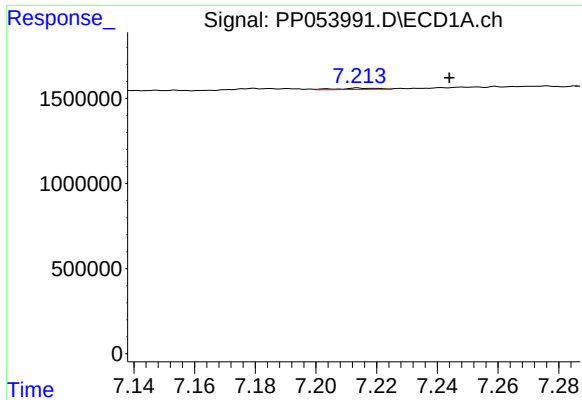
#28 AR-1254-3

R.T.: 6.961 min
Delta R.T.: 0.004 min
Response: 171928
Conc: 1.47 ng/ml



#28 AR-1254-3

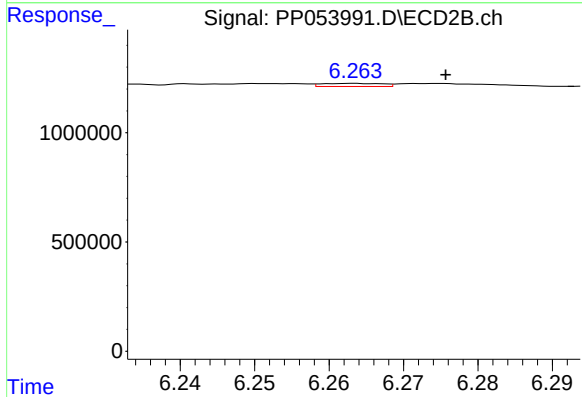
R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 64617
Conc: 0.73 ng/ml



#29 AR-1254-4

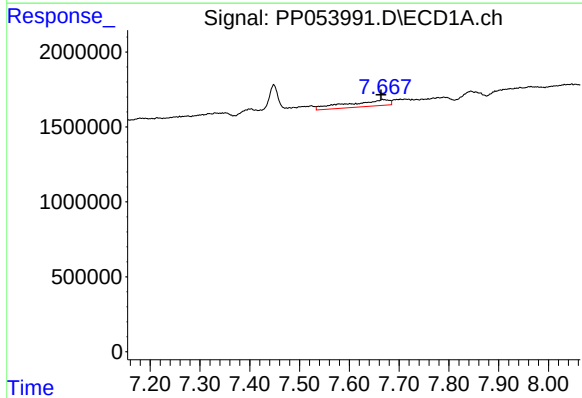
R.T.: 7.215 min
Delta R.T.: -0.029 min
Response: 73286
Conc: 0.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



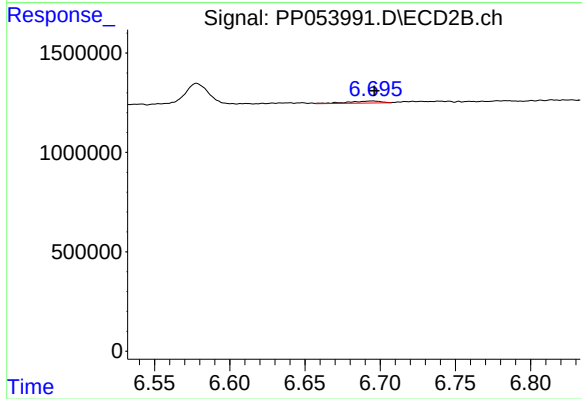
#29 AR-1254-4

R.T.: 6.263 min
Delta R.T.: -0.012 min
Response: 81889
Conc: 1.79 ng/ml



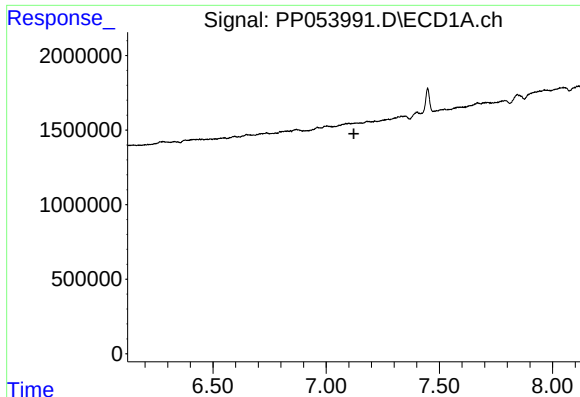
#30 AR-1254-5

R.T.: 7.668 min
Delta R.T.: 0.005 min
Response: 2441366
Conc: 25.03 ng/ml



#30 AR-1254-5

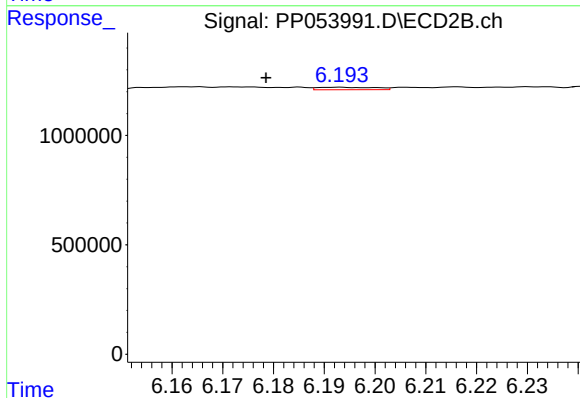
R.T.: 6.695 min
Delta R.T.: -0.001 min
Response: 162743
Conc: 2.09 ng/ml



#31 AR-1260-1

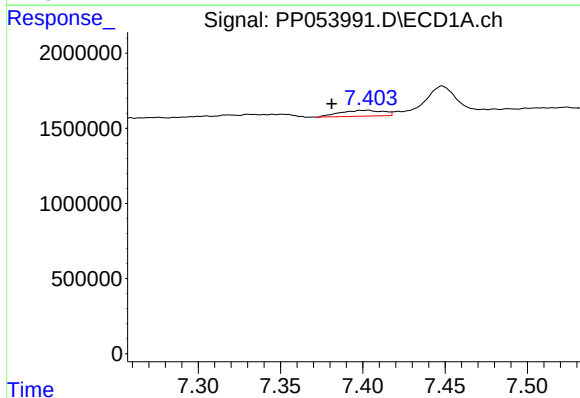
R.T.: 0.000 min
Exp R.T.: 7.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



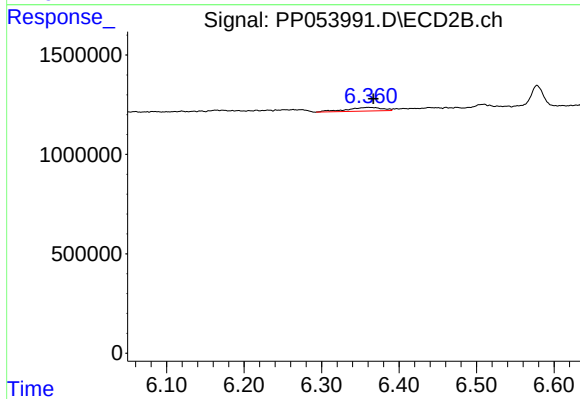
#31 AR-1260-1

R.T.: 6.193 min
Delta R.T.: 0.014 min
Response: 88927
Conc: 1.36 ng/ml



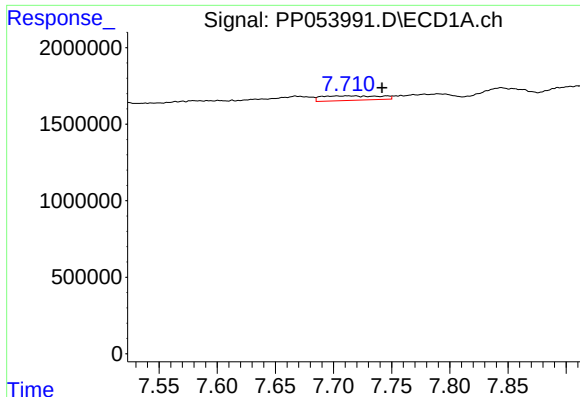
#32 AR-1260-2

R.T.: 7.401 min
Delta R.T.: 0.020 min
Response: 708505
Conc: 6.41 ng/ml



#32 AR-1260-2

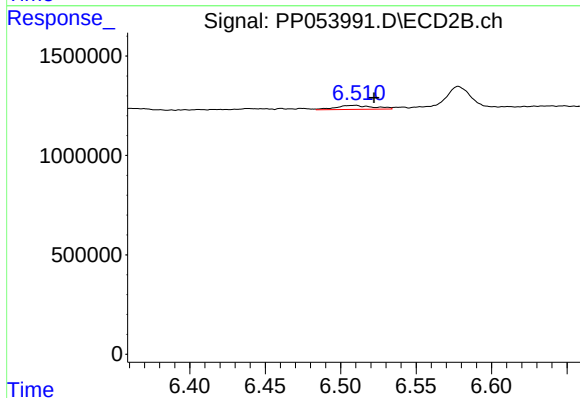
R.T.: 6.360 min
Delta R.T.: -0.007 min
Response: 584157
Conc: 7.76 ng/ml



#33 AR-1260-3

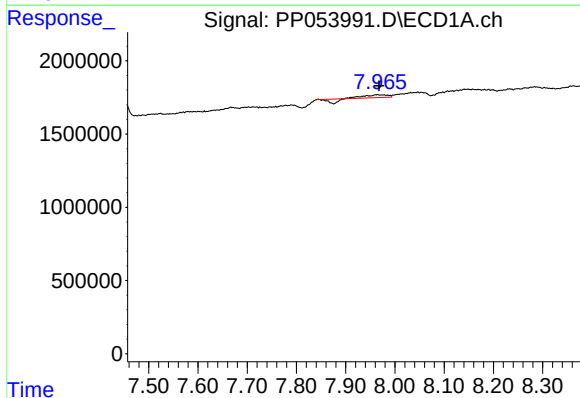
R.T.: 7.713 min
Delta R.T.: -0.028 min
Response: 1039074
Conc: 13.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



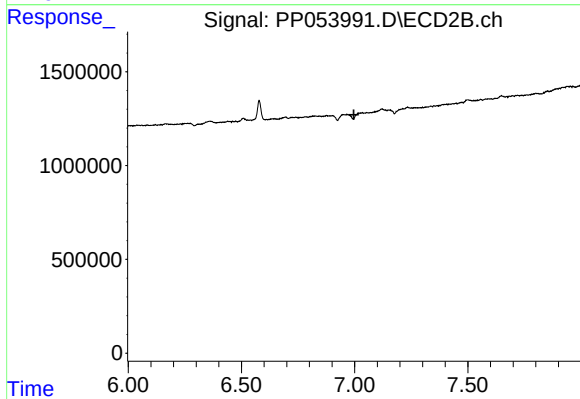
#33 AR-1260-3

R.T.: 6.509 min
Delta R.T.: -0.013 min
Response: 350325
Conc: 4.83 ng/ml



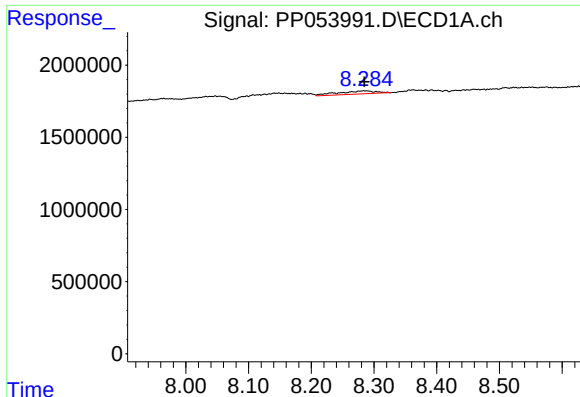
#34 AR-1260-4

R.T.: 7.964 min
Delta R.T.: -0.003 min
Response: 288698
Conc: 3.08 ng/ml



#34 AR-1260-4

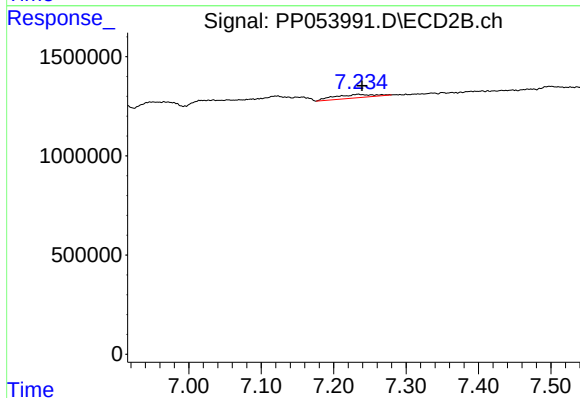
R.T.: 0.000 min
Exp R.T.: 6.997 min
Response: 0
Conc: N.D.



#35 AR-1260-5

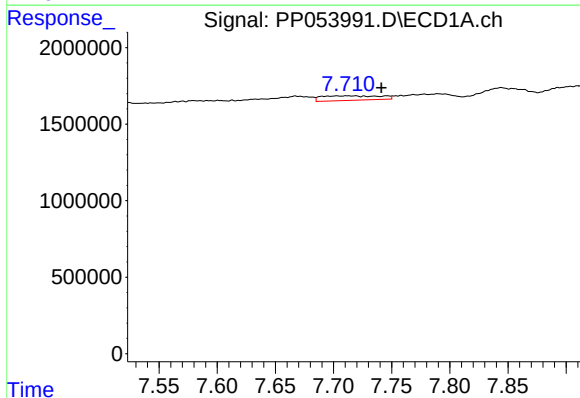
R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 876554
Conc: 5.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



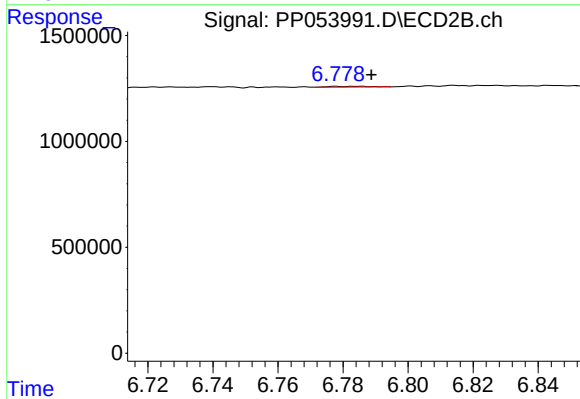
#35 AR-1260-5

R.T.: 7.234 min
Delta R.T.: -0.005 min
Response: 665527
Conc: 5.57 ng/ml



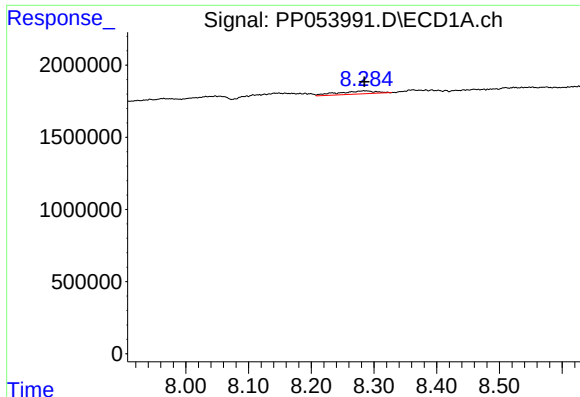
#36 AR-1262-1

R.T.: 7.713 min
Delta R.T.: -0.028 min
Response: 1039074
Conc: 8.68 ng/ml



#36 AR-1262-1

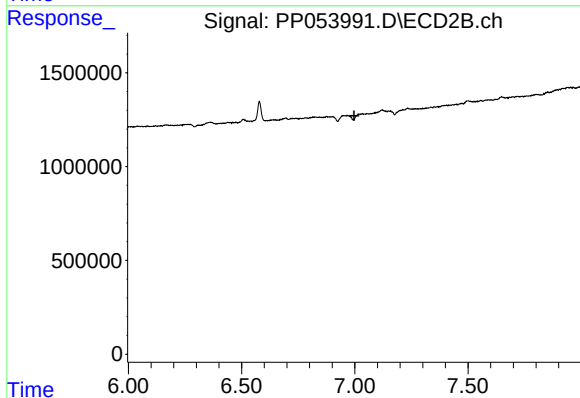
R.T.: 6.778 min
Delta R.T.: -0.010 min
Response: 33926
Conc: 0.95 ng/ml



#37 AR-1262-2

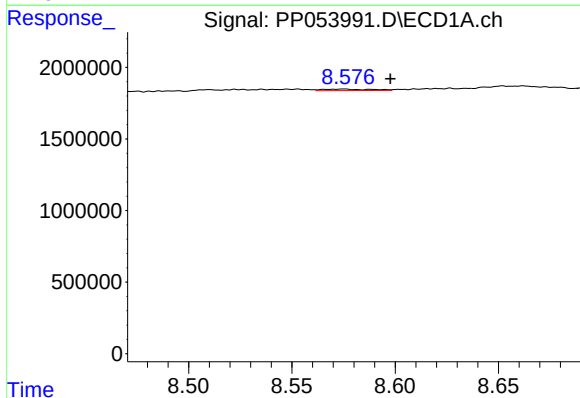
R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 876554
Conc: 4.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



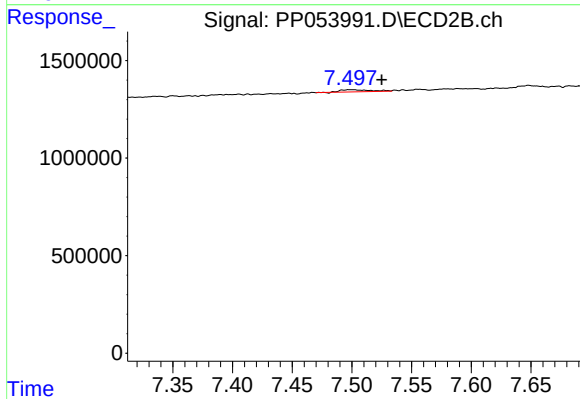
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.996 min
Response: 0
Conc: N.D.



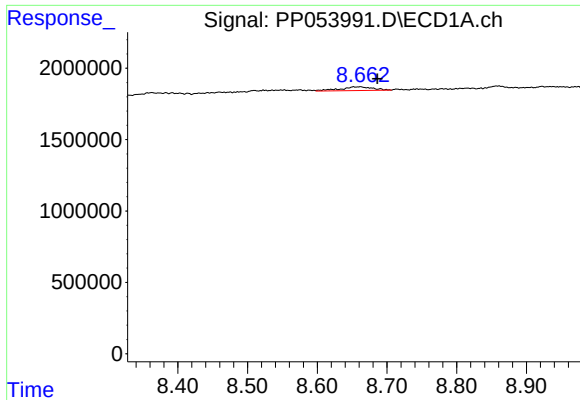
#38 AR-1262-3

R.T.: 8.574 min
Delta R.T.: -0.023 min
Response: 164855
Conc: 1.19 ng/ml



#38 AR-1262-3

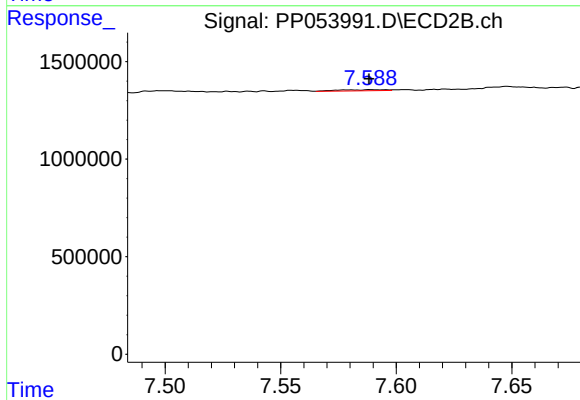
R.T.: 7.499 min
Delta R.T.: -0.026 min
Response: 190907
Conc: 3.03 ng/ml



#39 AR-1262-4

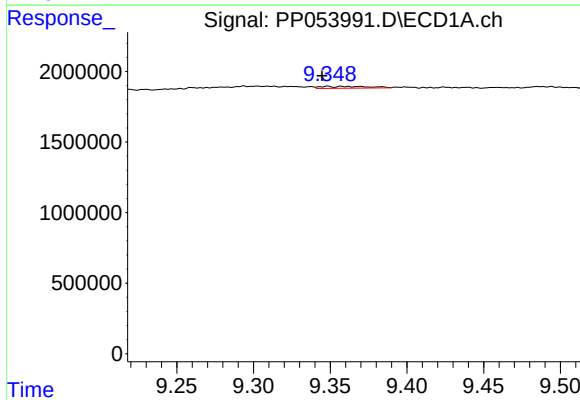
R.T.: 8.661 min
Delta R.T.: -0.025 min
Response: 882094
Conc: 14.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



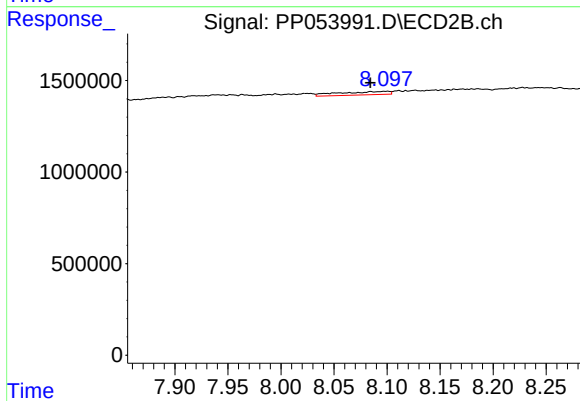
#39 AR-1262-4

R.T.: 7.579 min
Delta R.T.: -0.009 min
Response: 80002
Conc: 0.70 ng/ml



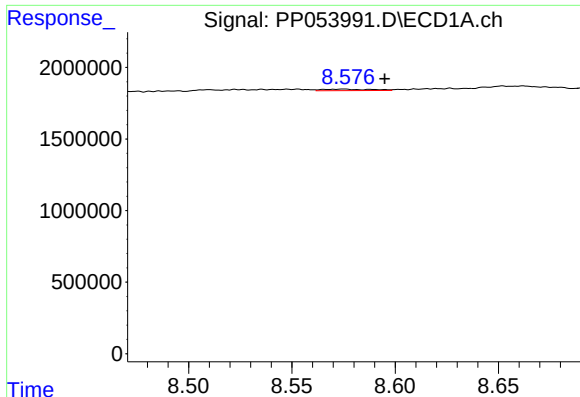
#40 AR-1262-5

R.T.: 9.348 min
Delta R.T.: 0.003 min
Response: 283261
Conc: 4.01 ng/ml



#40 AR-1262-5

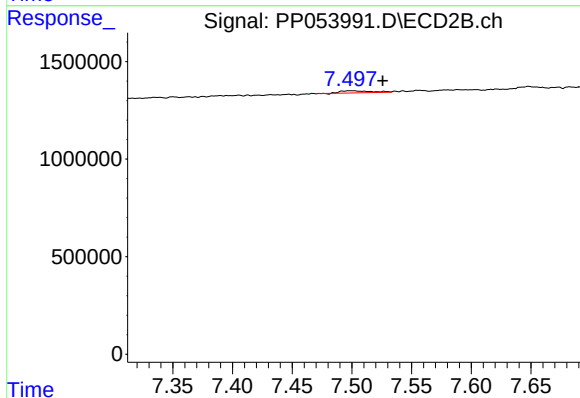
R.T.: 8.100 min
Delta R.T.: 0.016 min
Response: 584294
Conc: 11.73 ng/ml



#41 AR-1268-1

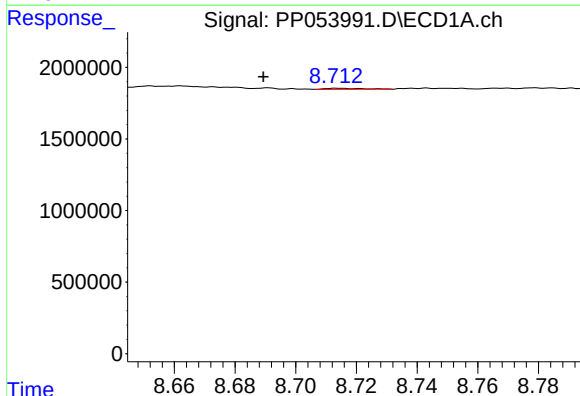
R.T.: 8.574 min
Delta R.T.: -0.021 min
Response: 164855
Conc: 0.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



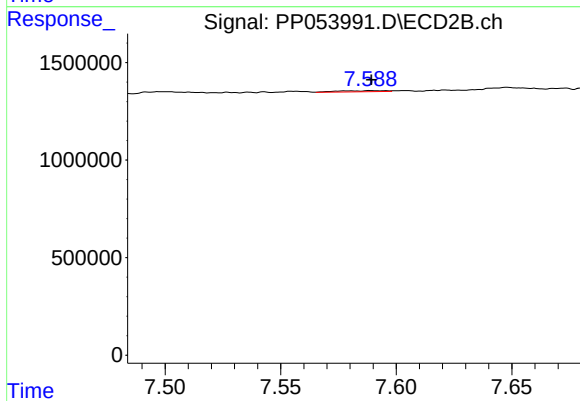
#41 AR-1268-1

R.T.: 7.499 min
Delta R.T.: -0.027 min
Response: 190907
Conc: 1.06 ng/ml



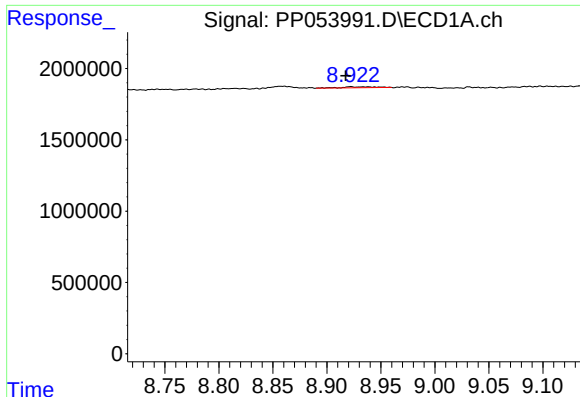
#42 AR-1268-2

R.T.: 8.715 min
Delta R.T.: 0.025 min
Response: 59879
Conc: 0.26 ng/ml



#42 AR-1268-2

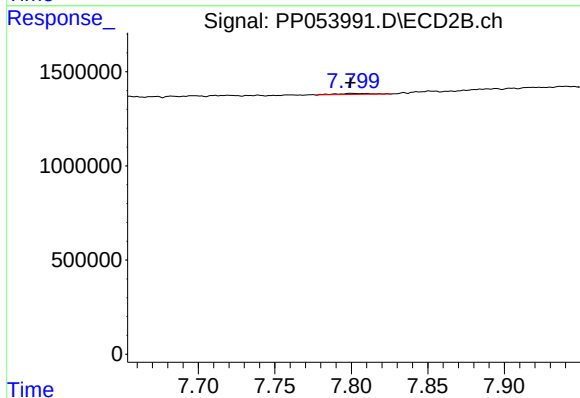
R.T.: 7.579 min
Delta R.T.: -0.010 min
Response: 80002
Conc: 0.47 ng/ml



#43 AR-1268-3

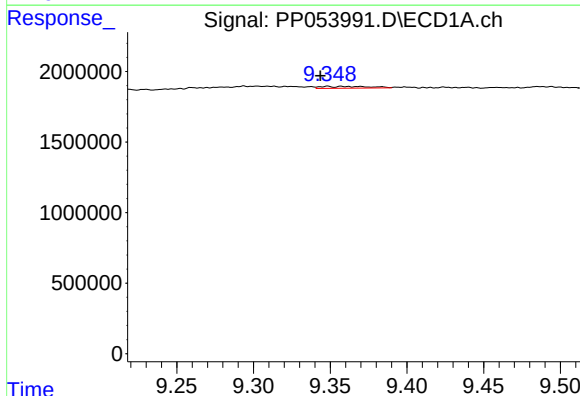
R.T.: 8.922 min
Delta R.T.: 0.005 min
Response: 148523
Conc: 0.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



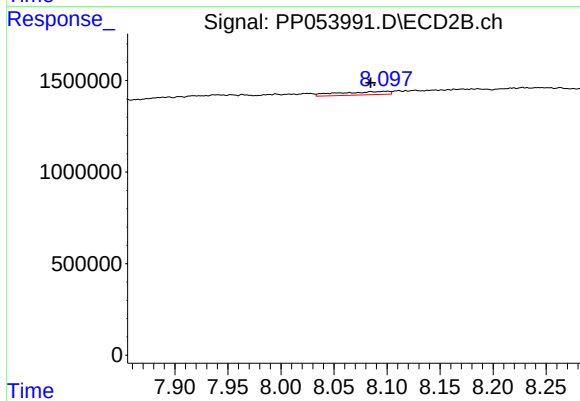
#43 AR-1268-3

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 91600
Conc: 0.62 ng/ml



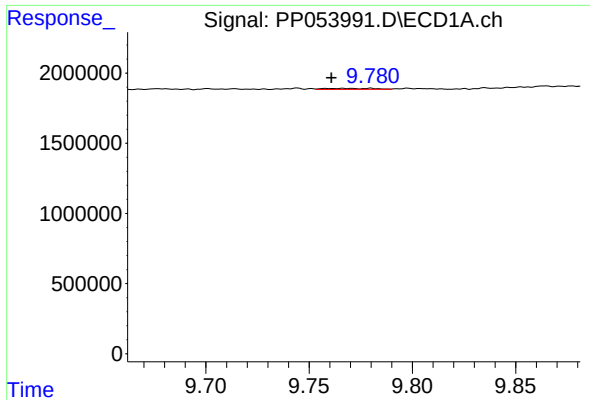
#44 AR-1268-4

R.T.: 9.348 min
Delta R.T.: 0.004 min
Response: 283261
Conc: 3.68 ng/ml



#44 AR-1268-4

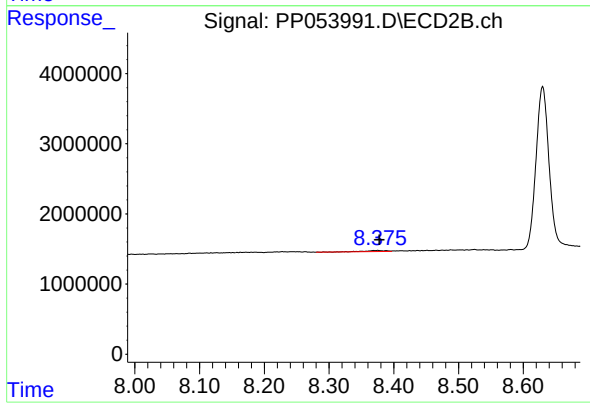
R.T.: 8.100 min
Delta R.T.: 0.016 min
Response: 584294
Conc: 10.48 ng/ml



#45 AR-1268-5

R.T.: 9.767 min
Delta R.T.: 0.007 min
Response: 124365
Conc: 0.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.374 min
Delta R.T.: -0.004 min
Response: 364886
Conc: 0.77 ng/ml