

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072022\
 Data File : PP049631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 14:48
 Operator : YP\AJ
 Sample : N3778-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 03:36:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 06:08:44 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...	4.353	3.601	32893233	52031210	22.667	21.286
2)	SA Decachlor...	10.108	8.572	27340129	20937794	19.330	17.979
Target Compounds							
3)	L1 AR-1016-1	5.552f	4.675	5403484	778077	95.642	8.729 #
4)	L1 AR-1016-2	5.552	4.702	5403484	5796651	67.201	46.078 #
5)	L1 AR-1016-3	5.632f	4.867	7186094	1485995	146.735	22.613 #
6)	L1 AR-1016-4	5.723	4.919	9746065	3330477	240.841	62.652 #
7)	L1 AR-1016-5	6.013	5.129	8277653	-690011	202.241	N.D. #
8)	L2 AR-1221-1	0.000	3.802	0	4228274	N.D.	140.081 #
9)	L2 AR-1221-2	0.000	3.897	0	2964475	N.D.	129.782 #
10)	L2 AR-1221-3	4.740	3.969	4239594	11574212	105.949	170.094 #
11)	L3 AR-1232-1	4.740	3.969	4239594	11574212	138.371	225.618 #
12)	L3 AR-1232-2	5.256	4.702	13091961	5796651	876.678	120.868 #
13)	L3 AR-1232-3	5.552	4.867	5403484	1485995	178.765	59.529 #
14)	L3 AR-1232-4	5.723	4.941	9746065	1641486	632.070	71.765 #
15)	L3 AR-1232-5	5.798	5.129	4108183	-690011	329.356	N.D. #
16)	L4 AR-1242-1	5.552f	4.675	5403484	778077	120.859	11.093 #
17)	L4 AR-1242-2	5.552	4.702	5403484	5796651	85.701	58.744 #
18)	L4 AR-1242-3	5.632f	4.867	7186094	1485995	184.825	28.475 #
19)	L4 AR-1242-4	5.723	4.941	9746065	1641486	302.107	31.319 #
20)	L4 AR-1242-5	6.473f	5.479	12021994	12476121	349.565	196.274 #
21)	L5 AR-1248-1	5.552f	4.675	5403484	778077	153.397	13.837 #
22)	L5 AR-1248-2	5.798	4.919	4108183	3330477	82.896	44.747 #
23)	L5 AR-1248-3	6.013	4.941	8277653	1641486	149.462	21.497 #
24)	L5 AR-1248-4	6.424	5.129	25103333	-690011	404.973	N.D. #
25)	L5 AR-1248-5	6.473f	5.516	12021994	2306648	204.216	27.676 #
26)	L6 AR-1254-1	6.371	5.479	14632025	12476121	232.324	98.368 #
27)	L6 AR-1254-2	6.620f	5.618	17226350	1679638	176.821	15.196 #
28)	L6 AR-1254-3	6.988	6.040f	15831879	7334688	153.227	45.060 #
29)	L6 AR-1254-4	7.249	6.266f	7981901	536800	99.706	5.548 #
30)	L6 AR-1254-5	7.708f	6.663	118.5E6	115.0E6	1332.931	868.087 #
31)	L7 AR-1260-1	7.140	6.149	5657398	-171715	74.822	N.D. #
32)	L7 AR-1260-2	7.396	6.345	41276641	1369165	436.030	11.379 #
33)	L7 AR-1260-3	0.000	6.490	0	896236	N.D.	7.921 #
34)	L7 AR-1260-4	7.964f	6.966	7314712	1088531	94.536	14.231 #
35)	L7 AR-1260-5	8.305	7.200	1674661	1902471	10.892	11.126
36)	L8 AR-1262-1	0.000	6.695	0	1588839	N.D.	13.404 #
37)	L8 AR-1262-2	8.305	6.966	1674661	1088531	9.404	10.771
38)	L8 AR-1262-3	0.000	7.487	0	289120	N.D.	4.467 #
39)	L8 AR-1262-4	0.000	7.546	0	580703	N.D.	4.539 #
41)	L9 AR-1268-1	0.000	7.487	0	289120	N.D.	1.574 #
42)	L9 AR-1268-2	0.000	7.546	0	580703	N.D.	3.356 #

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 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
43) L9	AR-1268-3	0.000	7.755	0	219933	N.D.	1.563 #
45) L9	AR-1268-5	9.795f	8.323	12791884	324645	24.842	0.793 #

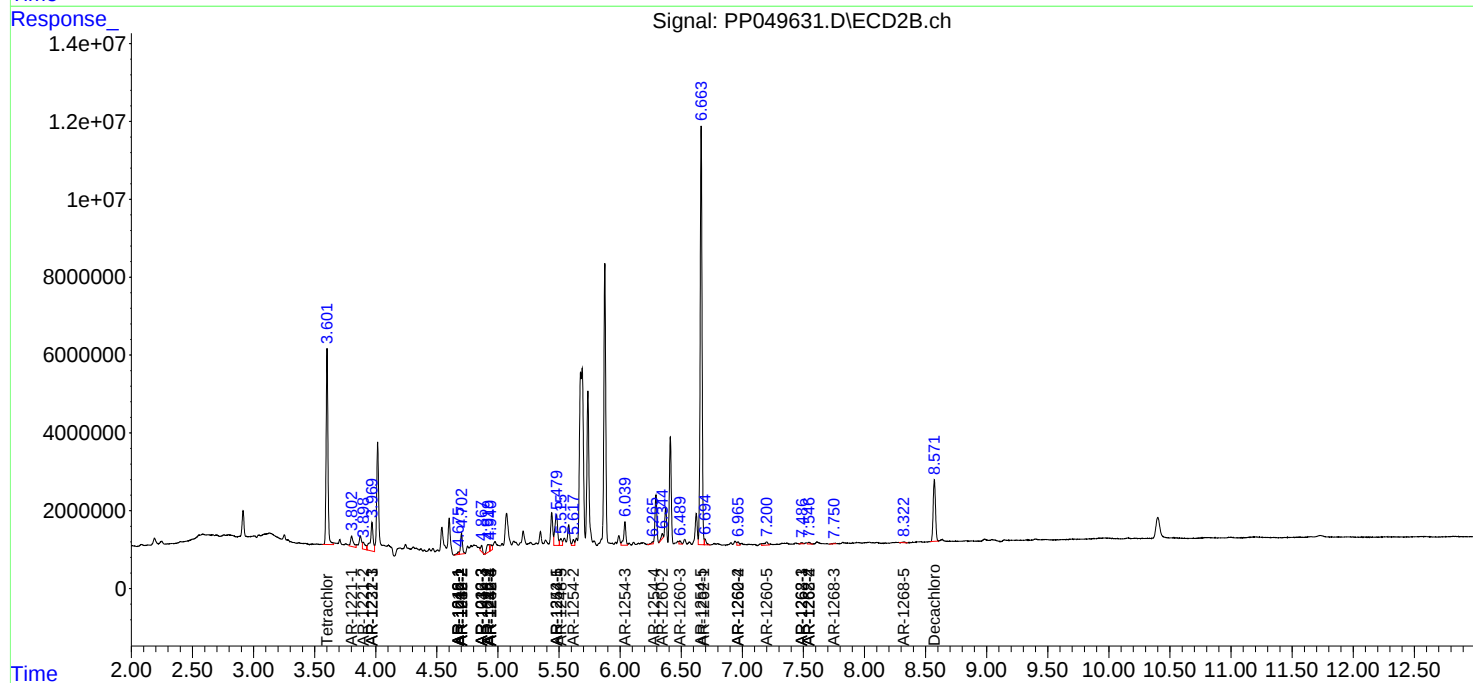
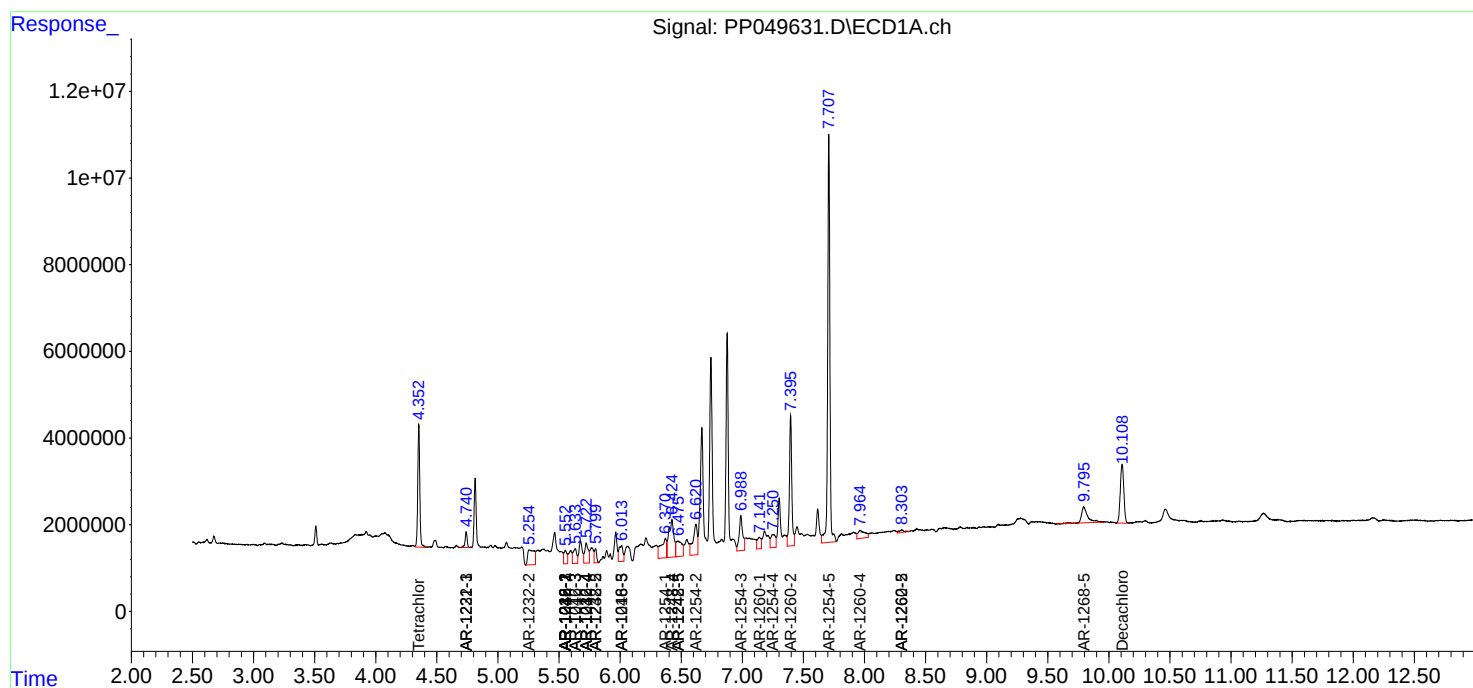
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

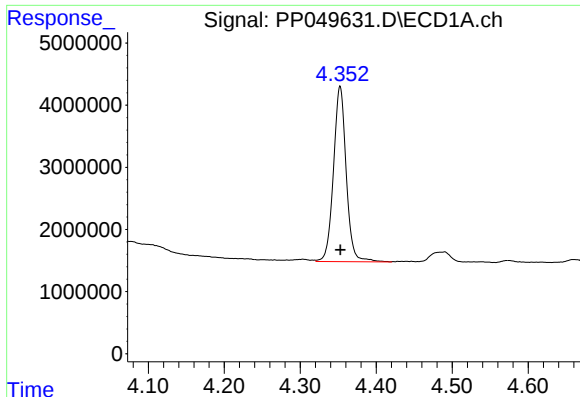
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

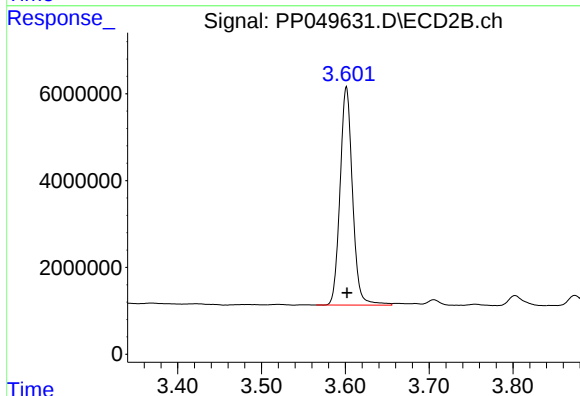




#1 Tetrachloro-m-xylene

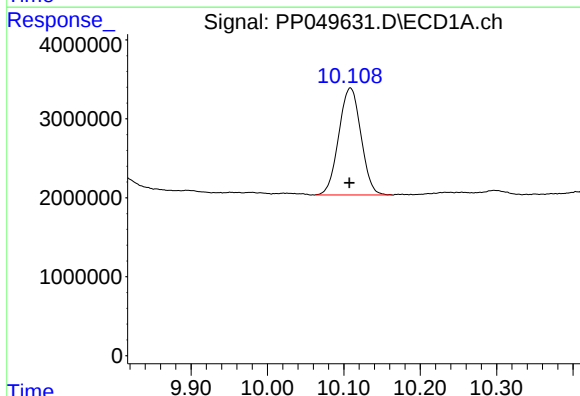
R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 32893233
Conc: 22.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



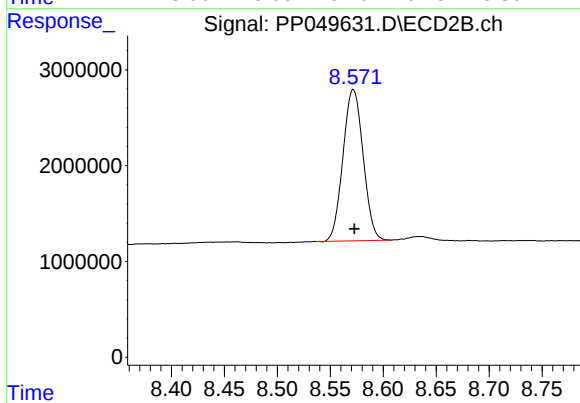
#1 Tetrachloro-m-xylene

R.T.: 3.601 min
Delta R.T.: 0.000 min
Response: 52031210
Conc: 21.29 ng/ml



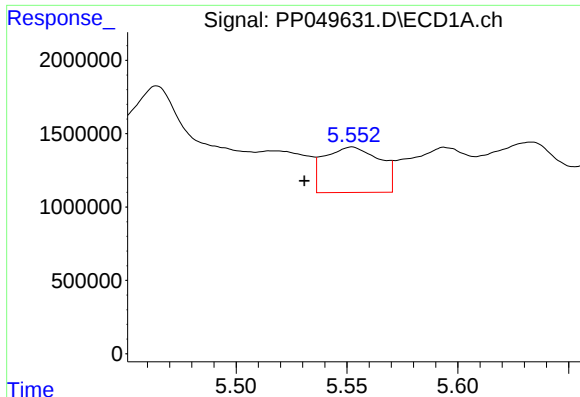
#2 Decachlorobiphenyl

R.T.: 10.108 min
Delta R.T.: 0.001 min
Response: 27340129
Conc: 19.33 ng/ml



#2 Decachlorobiphenyl

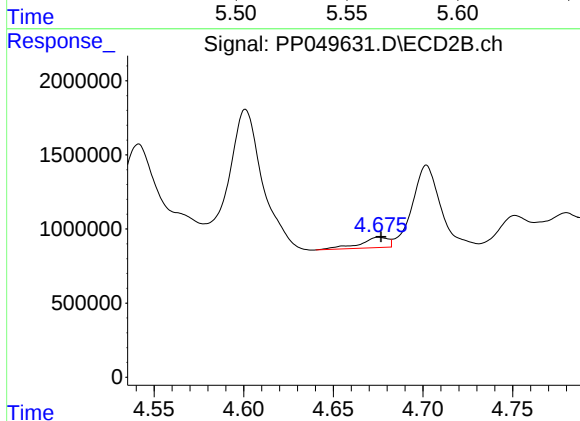
R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 20937794
Conc: 17.98 ng/ml



#3 AR-1016-1

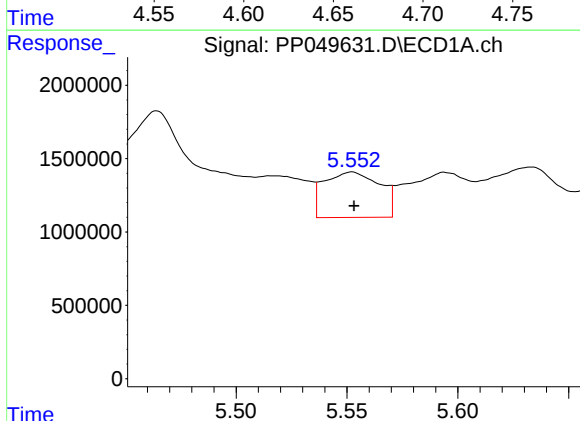
R.T.: 5.552 min
Delta R.T.: 0.021 min
Response: 5403484
Conc: 95.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



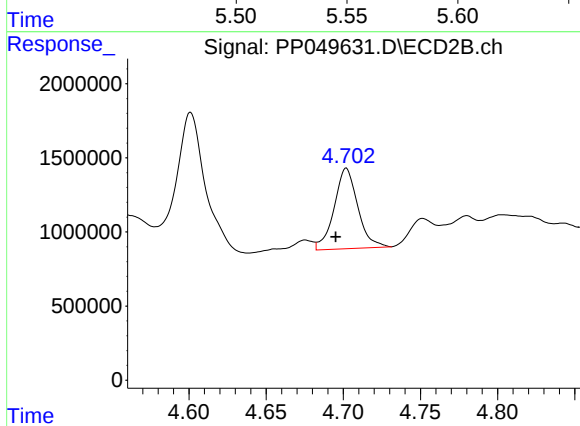
#3 AR-1016-1

R.T.: 4.675 min
Delta R.T.: -0.001 min
Response: 778077
Conc: 8.73 ng/ml



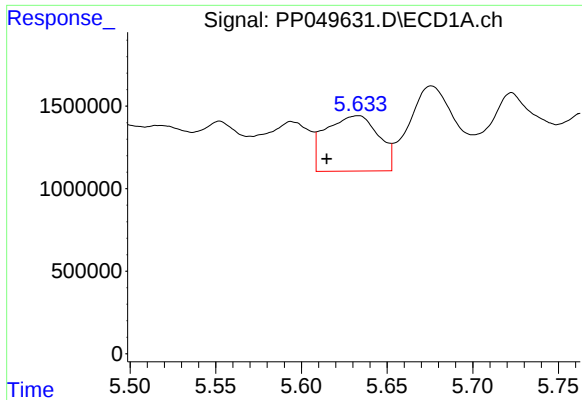
#4 AR-1016-2

R.T.: 5.552 min
Delta R.T.: -0.001 min
Response: 5403484
Conc: 67.20 ng/ml



#4 AR-1016-2

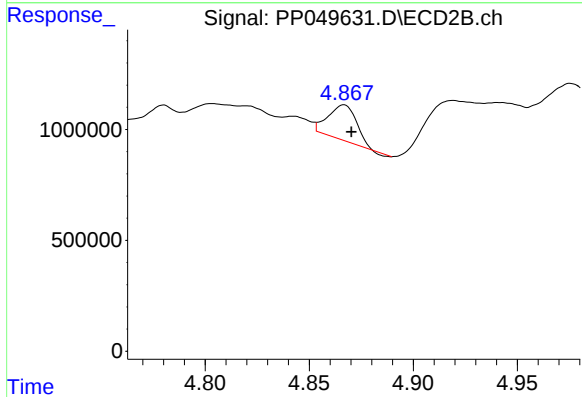
R.T.: 4.702 min
Delta R.T.: 0.007 min
Response: 5796651
Conc: 46.08 ng/ml



#5 AR-1016-3

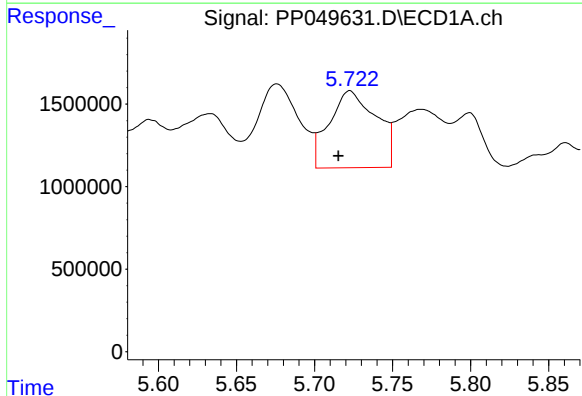
R.T.: 5.632 min
Delta R.T.: 0.017 min
Response: 7186094
Conc: 146.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



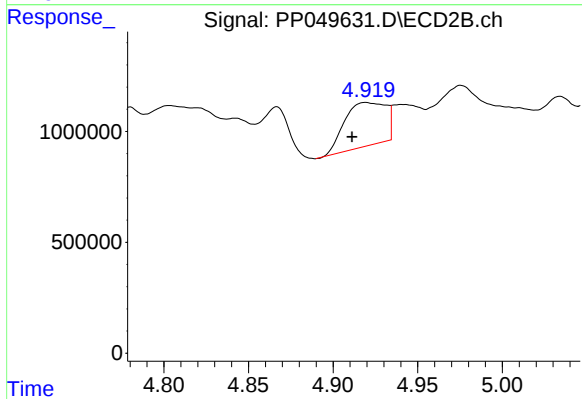
#5 AR-1016-3

R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 1485995
Conc: 22.61 ng/ml



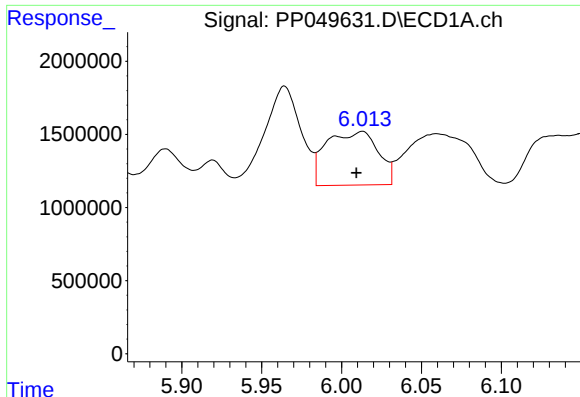
#6 AR-1016-4

R.T.: 5.723 min
Delta R.T.: 0.007 min
Response: 9746065
Conc: 240.84 ng/ml



#6 AR-1016-4

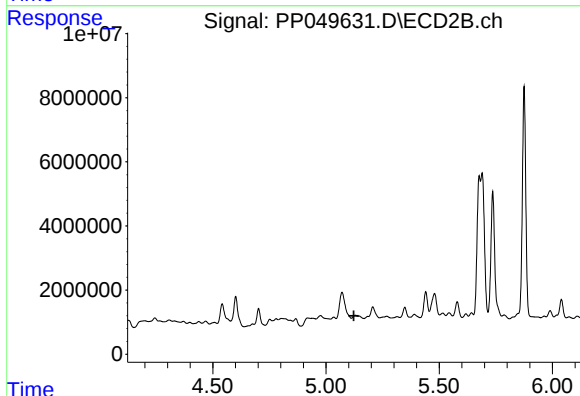
R.T.: 4.919 min
Delta R.T.: 0.008 min
Response: 3330477
Conc: 62.65 ng/ml



#7 AR-1016-5

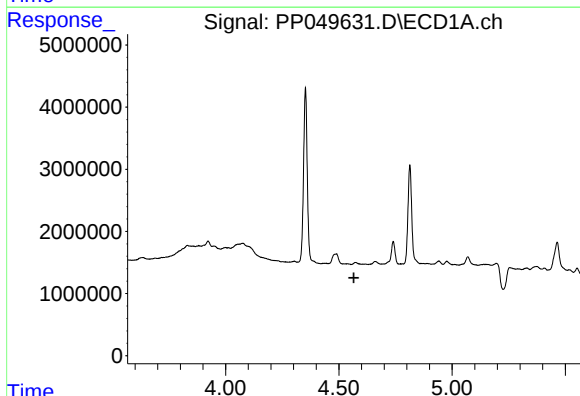
R.T.: 6.013 min
Delta R.T.: 0.003 min
Response: 8277653
Conc: 202.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



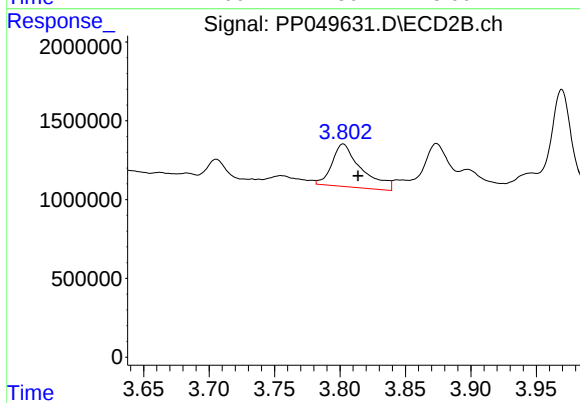
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: 0.006 min
Response: -690011
Conc: N.D.



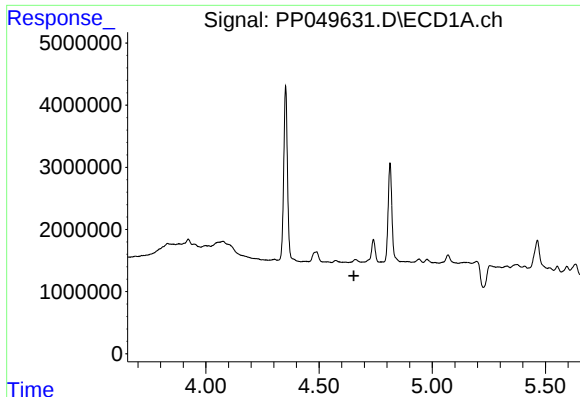
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#8 AR-1221-1

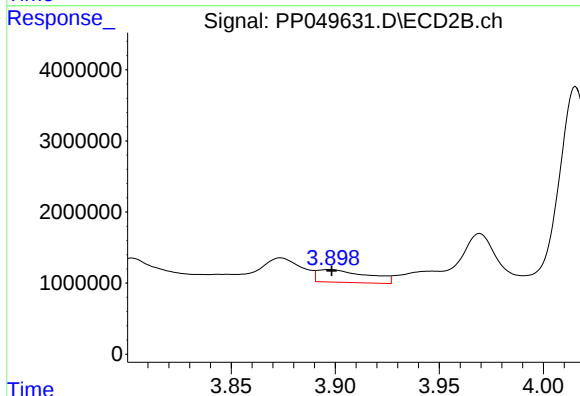
R.T.: 3.802 min
Delta R.T.: -0.011 min
Response: 4228274
Conc: 140.08 ng/ml



#9 AR-1221-2

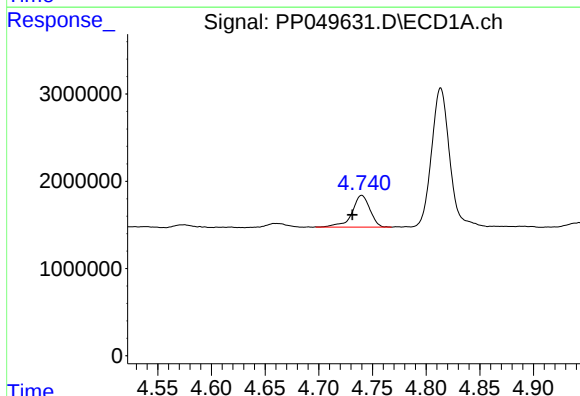
R.T.: 0.000 min
Exp R.T.: 4.654 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



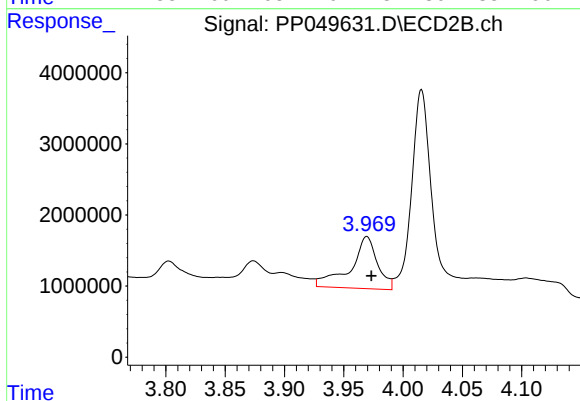
#9 AR-1221-2

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 2964475
Conc: 129.78 ng/ml



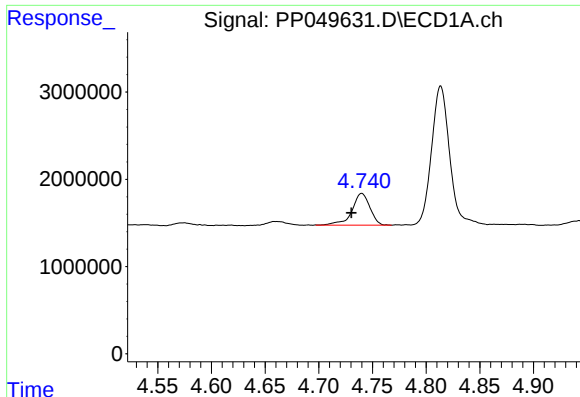
#10 AR-1221-3

R.T.: 4.740 min
Delta R.T.: 0.009 min
Response: 4239594
Conc: 105.95 ng/ml



#10 AR-1221-3

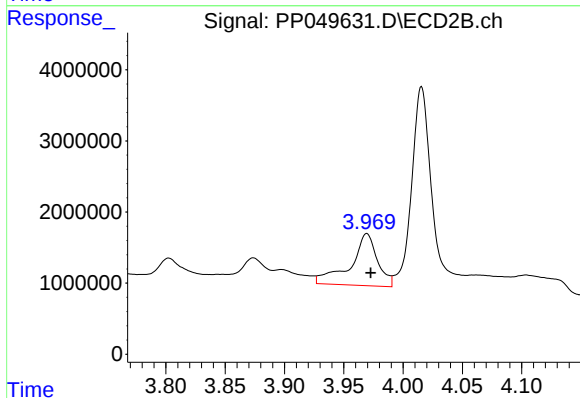
R.T.: 3.969 min
Delta R.T.: -0.004 min
Response: 11574212
Conc: 170.09 ng/ml



#11 AR-1232-1

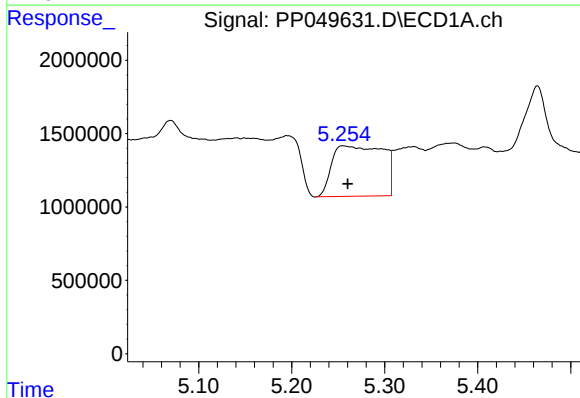
R.T.: 4.740 min
Delta R.T.: 0.010 min
Response: 4239594
Conc: 138.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



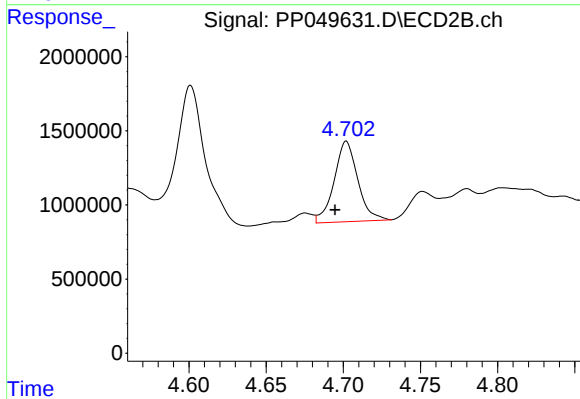
#11 AR-1232-1

R.T.: 3.969 min
Delta R.T.: -0.003 min
Response: 11574212
Conc: 225.62 ng/ml



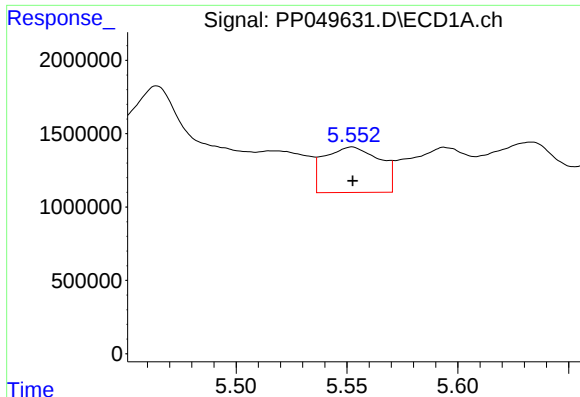
#12 AR-1232-2

R.T.: 5.256 min
Delta R.T.: -0.004 min
Response: 13091961
Conc: 876.68 ng/ml



#12 AR-1232-2

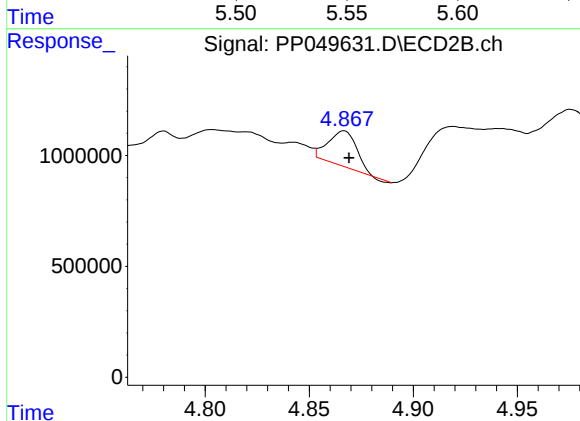
R.T.: 4.702 min
Delta R.T.: 0.007 min
Response: 5796651
Conc: 120.87 ng/ml



#13 AR-1232-3

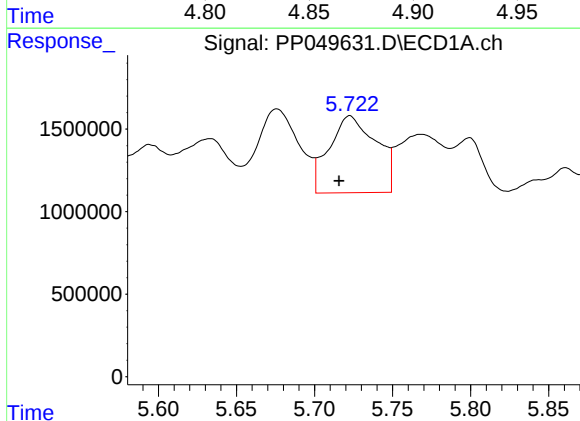
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 5403484
Conc: 178.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



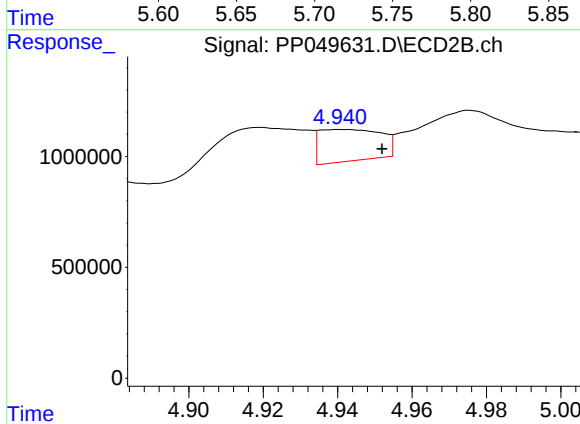
#13 AR-1232-3

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 1485995
Conc: 59.53 ng/ml



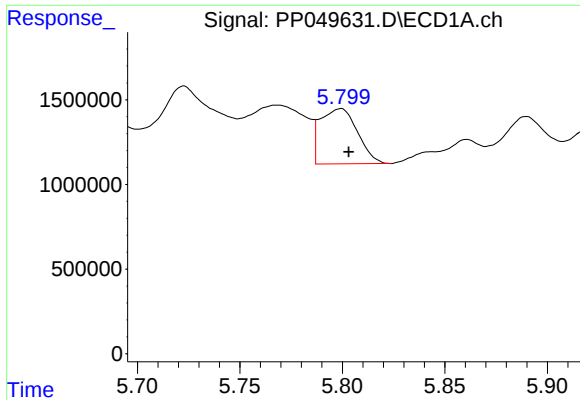
#14 AR-1232-4

R.T.: 5.723 min
Delta R.T.: 0.007 min
Response: 9746065
Conc: 632.07 ng/ml



#14 AR-1232-4

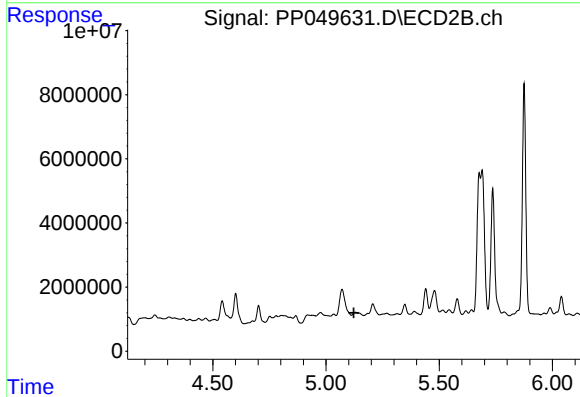
R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 1641486
Conc: 71.76 ng/ml



#15 AR-1232-5

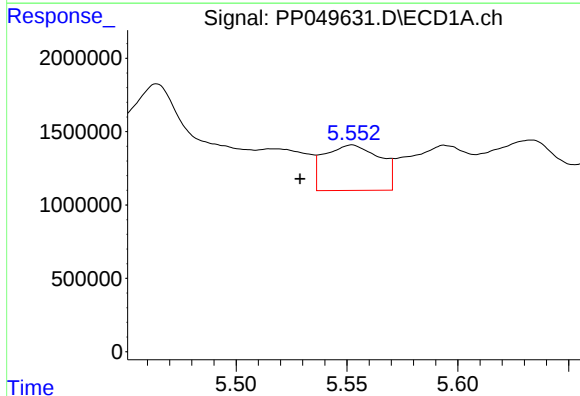
R.T.: 5.798 min
Delta R.T.: -0.005 min
Response: 4108183
Conc: 329.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



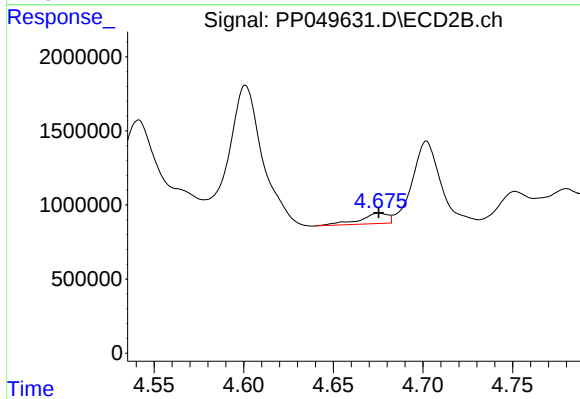
#15 AR-1232-5

R.T.: 5.129 min
Delta R.T.: 0.006 min
Response: -690011
Conc: N.D.



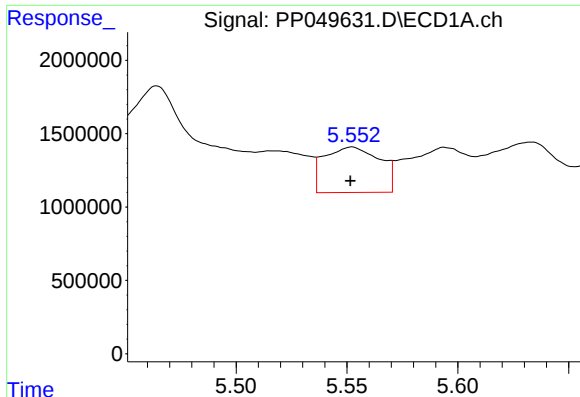
#16 AR-1242-1

R.T.: 5.552 min
Delta R.T.: 0.023 min
Response: 5403484
Conc: 120.86 ng/ml



#16 AR-1242-1

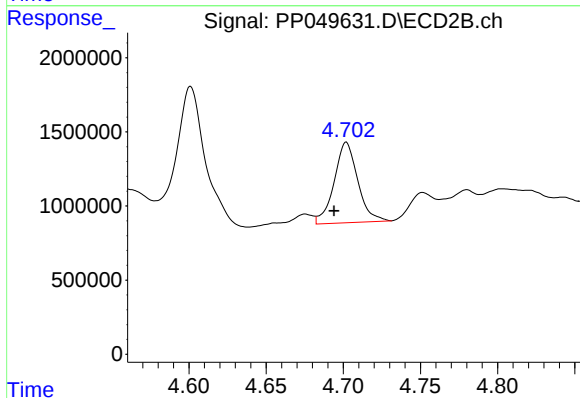
R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 778077
Conc: 11.09 ng/ml



#17 AR-1242-2

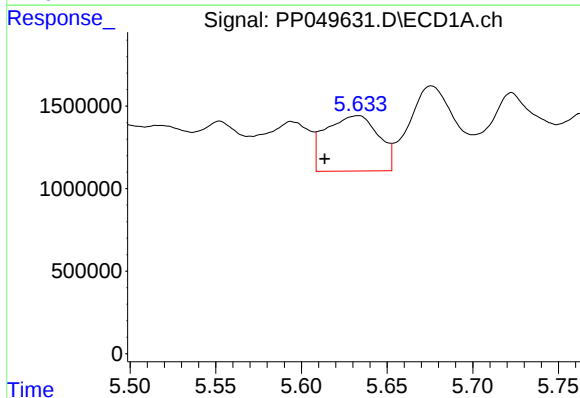
R.T.: 5.552 min
Delta R.T.: 0.000 min
Response: 5403484
Conc: 85.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



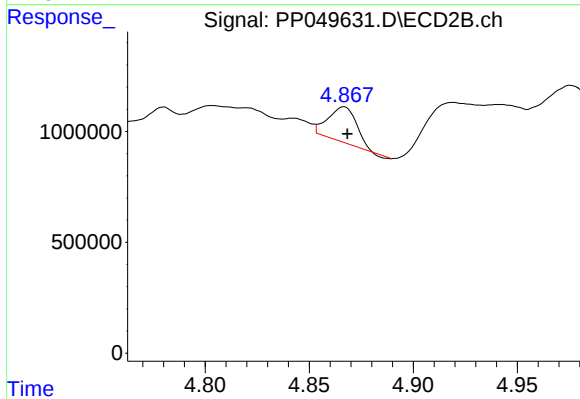
#17 AR-1242-2

R.T.: 4.702 min
Delta R.T.: 0.008 min
Response: 5796651
Conc: 58.74 ng/ml



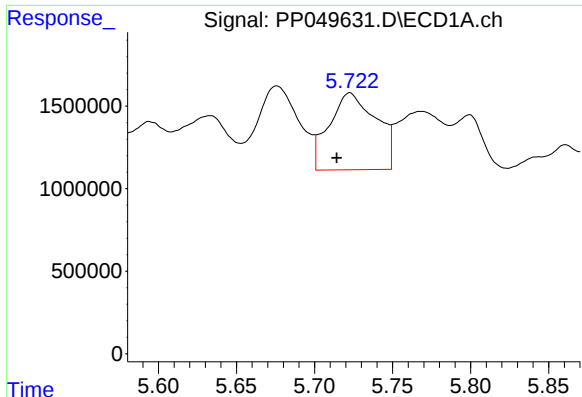
#18 AR-1242-3

R.T.: 5.632 min
Delta R.T.: 0.019 min
Response: 7186094
Conc: 184.82 ng/ml



#18 AR-1242-3

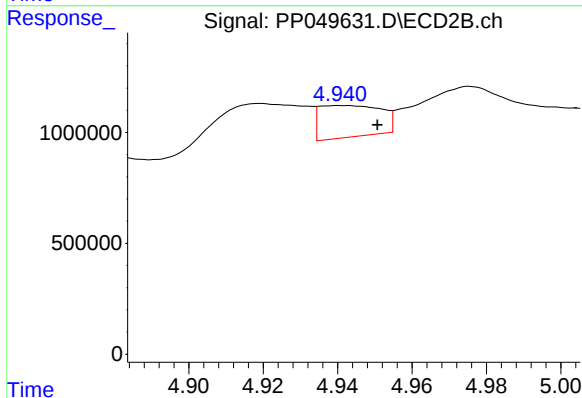
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 1485995
Conc: 28.47 ng/ml



#19 AR-1242-4

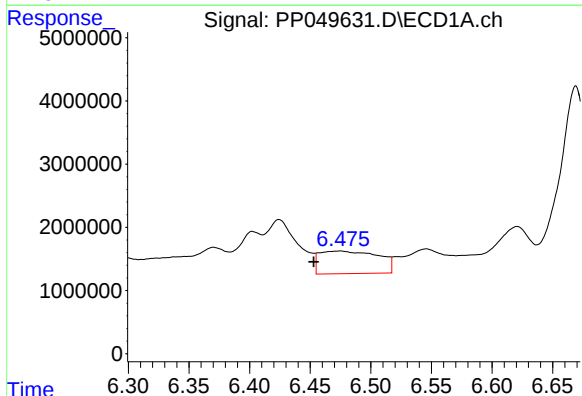
R.T.: 5.723 min
Delta R.T.: 0.009 min
Response: 9746065
Conc: 302.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



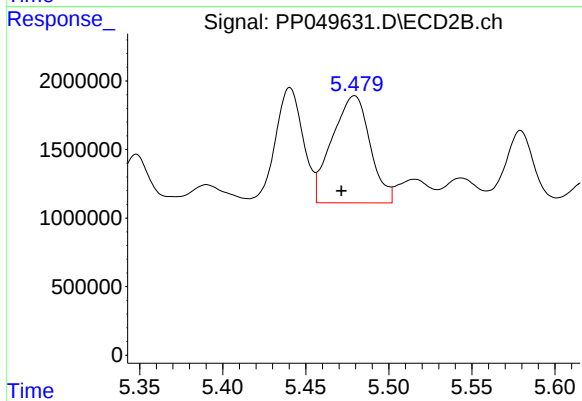
#19 AR-1242-4

R.T.: 4.941 min
Delta R.T.: -0.009 min
Response: 1641486
Conc: 31.32 ng/ml



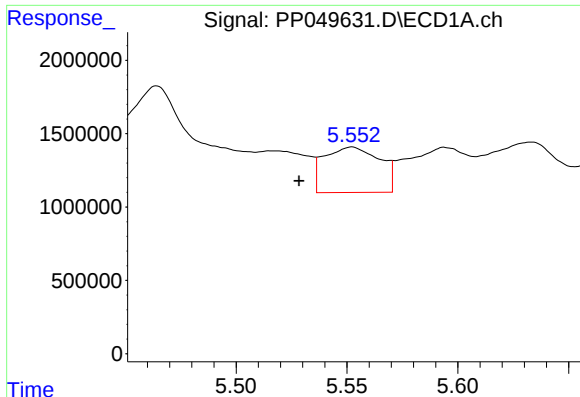
#20 AR-1242-5

R.T.: 6.473 min
Delta R.T.: 0.021 min
Response: 12021994
Conc: 349.56 ng/ml



#20 AR-1242-5

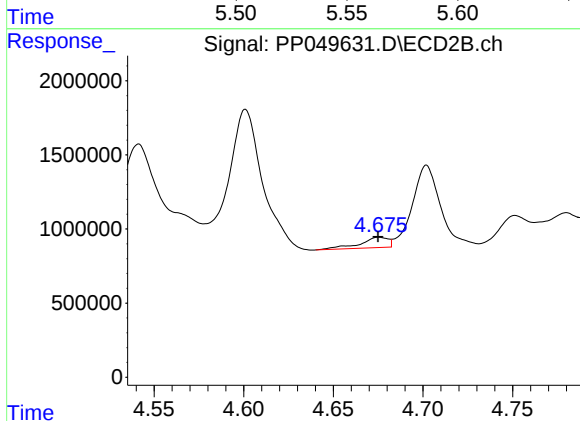
R.T.: 5.479 min
Delta R.T.: 0.008 min
Response: 12476121
Conc: 196.27 ng/ml



#21 AR-1248-1

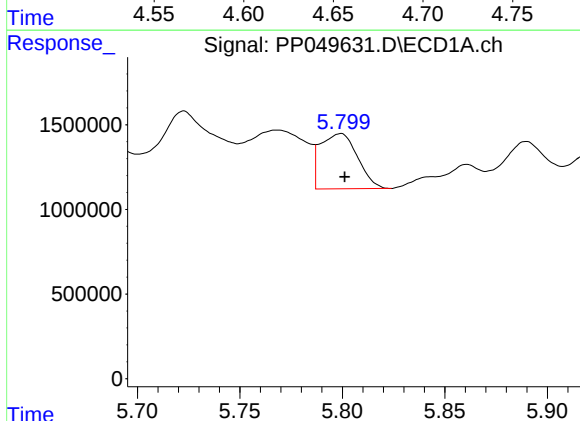
R.T.: 5.552 min
Delta R.T.: 0.024 min
Response: 5403484
Conc: 153.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



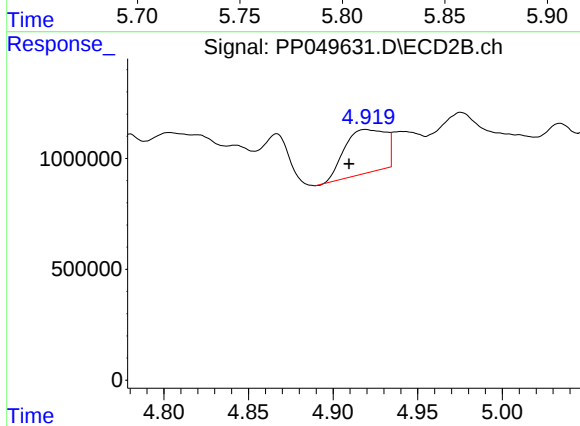
#21 AR-1248-1

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 778077
Conc: 13.84 ng/ml



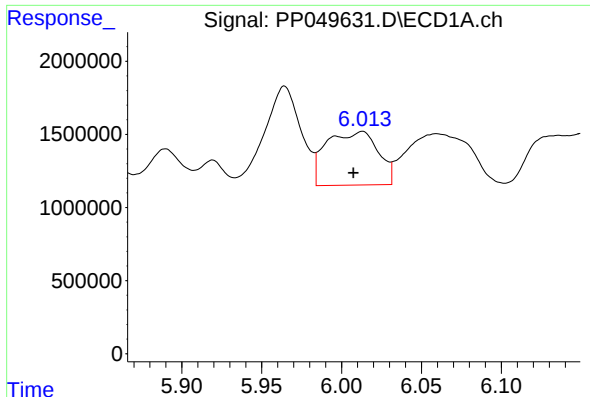
#22 AR-1248-2

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 4108183
Conc: 82.90 ng/ml



#22 AR-1248-2

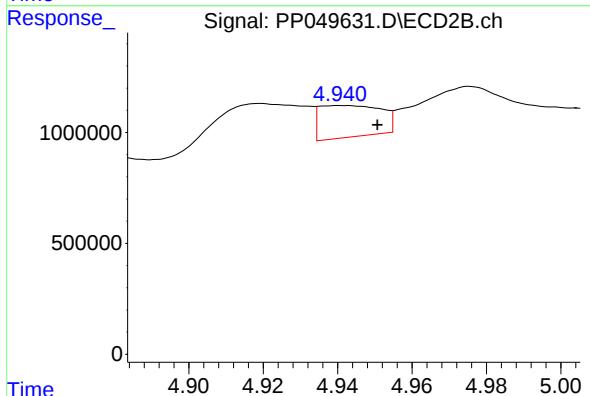
R.T.: 4.919 min
Delta R.T.: 0.010 min
Response: 3330477
Conc: 44.75 ng/ml



#23 AR-1248-3

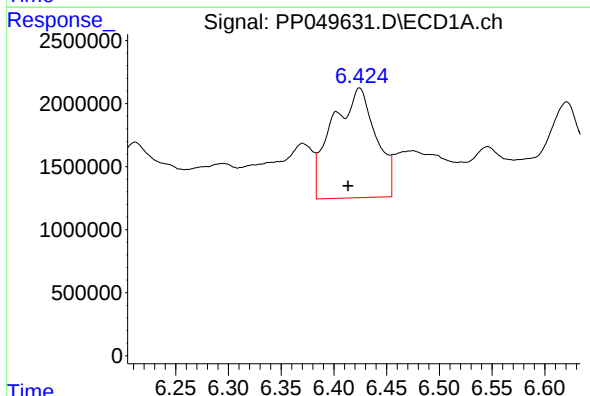
R.T.: 6.013 min
Delta R.T.: 0.005 min
Response: 8277653
Conc: 149.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



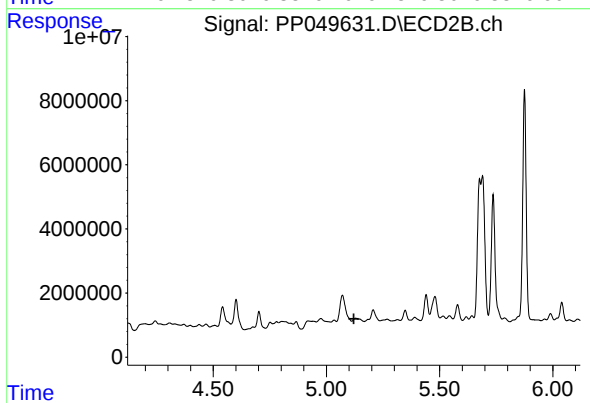
#23 AR-1248-3

R.T.: 4.941 min
Delta R.T.: -0.009 min
Response: 1641486
Conc: 21.50 ng/ml



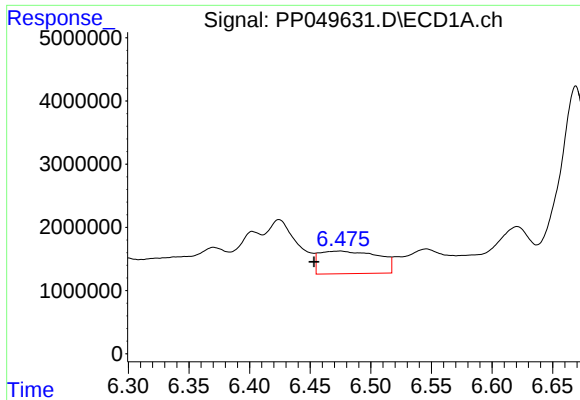
#24 AR-1248-4

R.T.: 6.424 min
Delta R.T.: 0.011 min
Response: 25103333
Conc: 404.97 ng/ml



#24 AR-1248-4

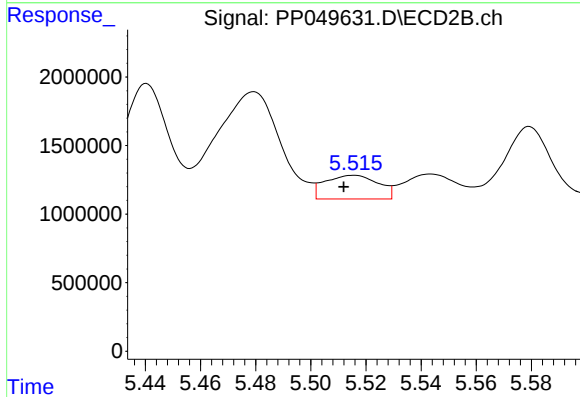
R.T.: 5.129 min
Delta R.T.: 0.007 min
Response: -690011
Conc: N.D.



#25 AR-1248-5

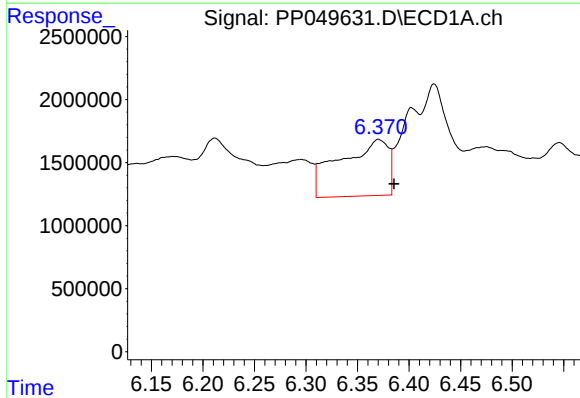
R.T.: 6.473 min
Delta R.T.: 0.020 min
Response: 12021994
Conc: 204.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



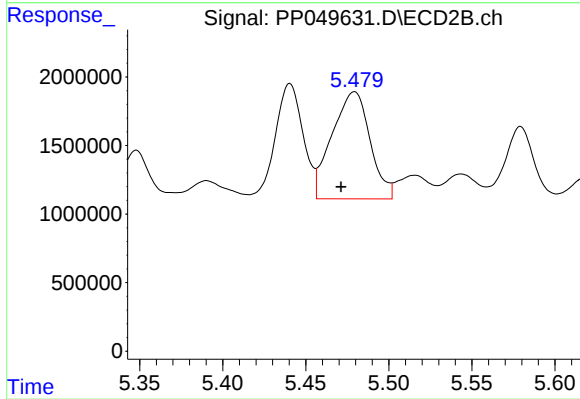
#25 AR-1248-5

R.T.: 5.516 min
Delta R.T.: 0.004 min
Response: 2306648
Conc: 27.68 ng/ml



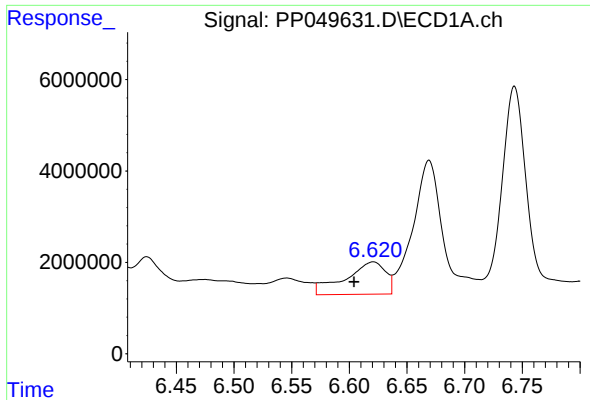
#26 AR-1254-1

R.T.: 6.371 min
Delta R.T.: -0.015 min
Response: 14632025
Conc: 232.32 ng/ml



#26 AR-1254-1

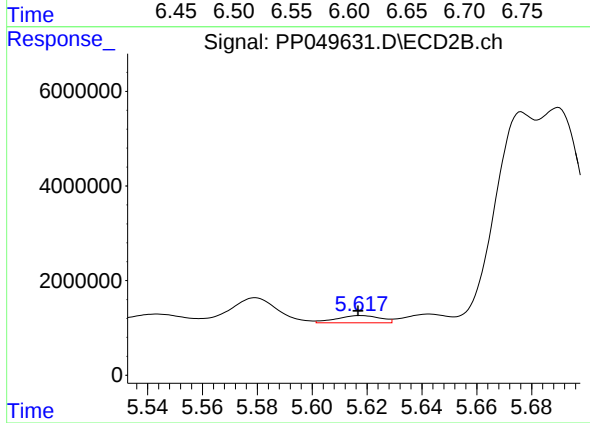
R.T.: 5.479 min
Delta R.T.: 0.008 min
Response: 12476121
Conc: 98.37 ng/ml



#27 AR-1254-2

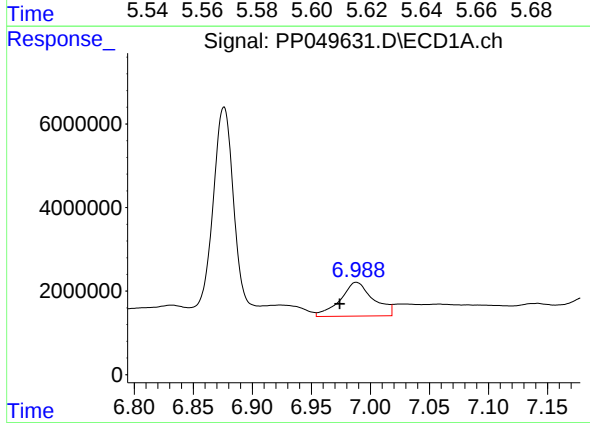
R.T.: 6.620 min
Delta R.T.: 0.016 min
Response: 17226350
Conc: 176.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



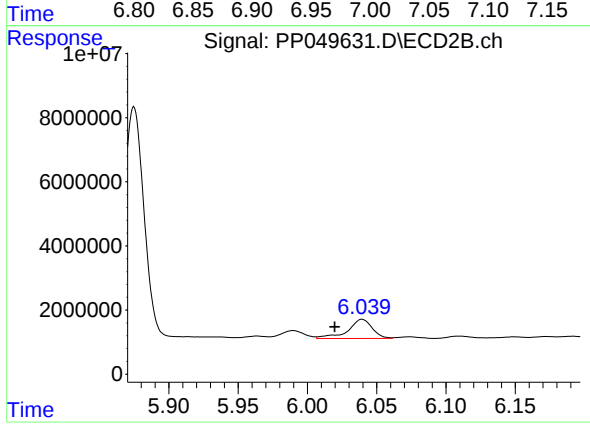
#27 AR-1254-2

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 1679638
Conc: 15.20 ng/ml



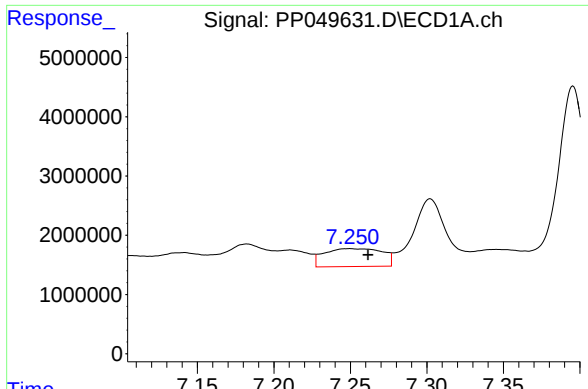
#28 AR-1254-3

R.T.: 6.988 min
Delta R.T.: 0.014 min
Response: 15831879
Conc: 153.23 ng/ml



#28 AR-1254-3

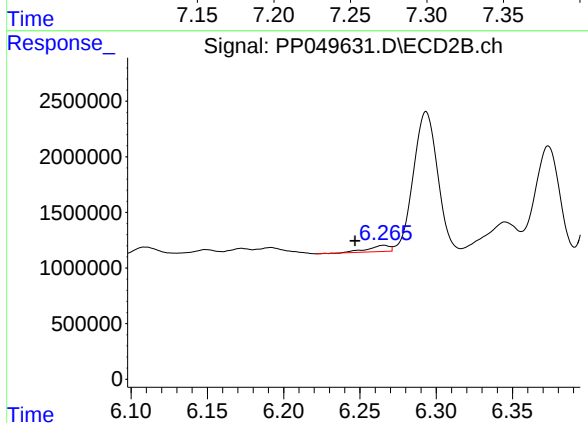
R.T.: 6.040 min
Delta R.T.: 0.020 min
Response: 7334688
Conc: 45.06 ng/ml



#29 AR-1254-4

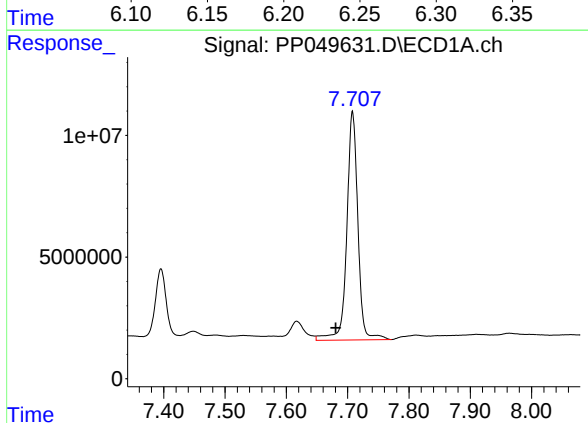
R.T.: 7.249 min
Delta R.T.: -0.012 min
Response: 7981901
Conc: 99.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



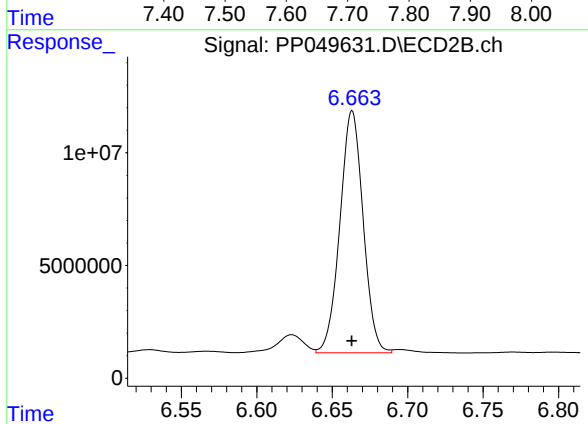
#29 AR-1254-4

R.T.: 6.266 min
Delta R.T.: 0.019 min
Response: 536800
Conc: 5.55 ng/ml



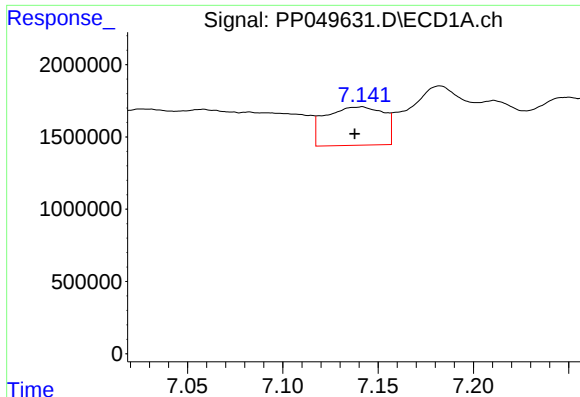
#30 AR-1254-5

R.T.: 7.708 min
Delta R.T.: 0.027 min
Response: 118473656
Conc: 1332.93 ng/ml



#30 AR-1254-5

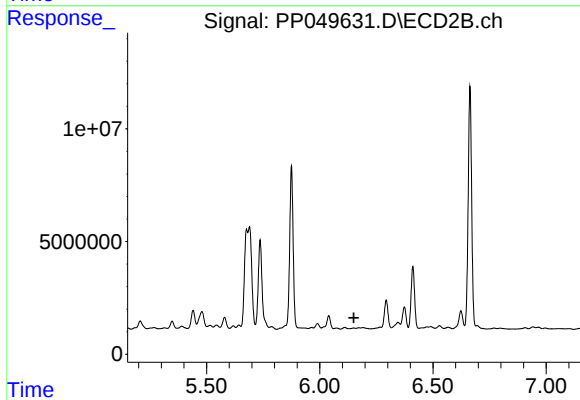
R.T.: 6.663 min
Delta R.T.: 0.000 min
Response: 115034997
Conc: 868.09 ng/ml



#31 AR-1260-1

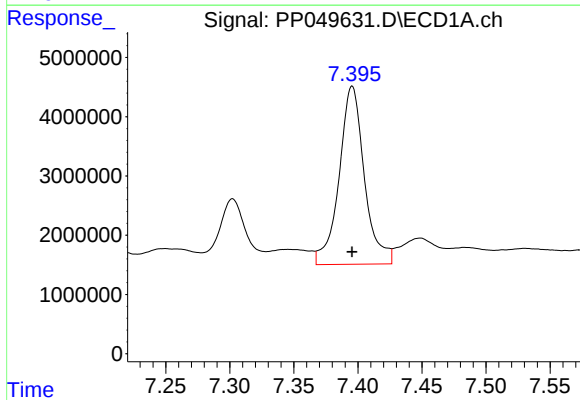
R.T.: 7.140 min
Delta R.T.: 0.002 min
Response: 5657398
Conc: 74.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



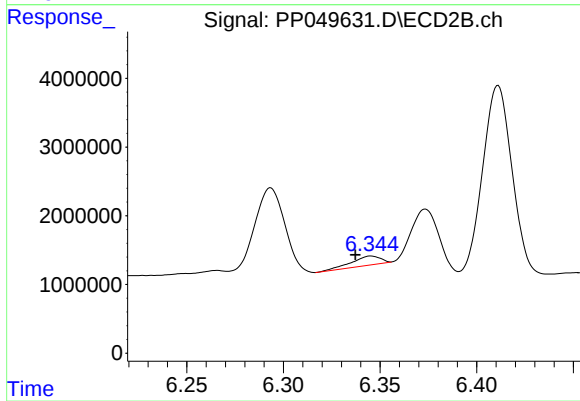
#31 AR-1260-1

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: -171715
Conc: N.D.



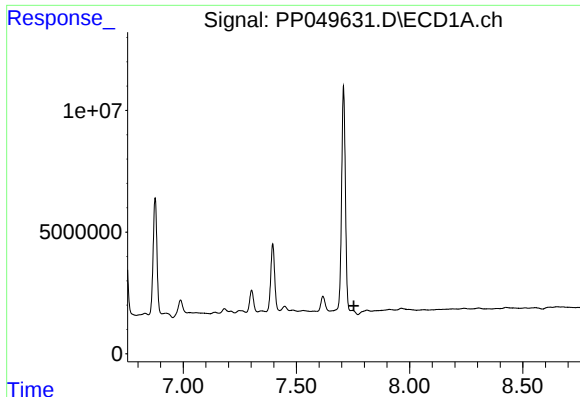
#32 AR-1260-2

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 41276641
Conc: 436.03 ng/ml



#32 AR-1260-2

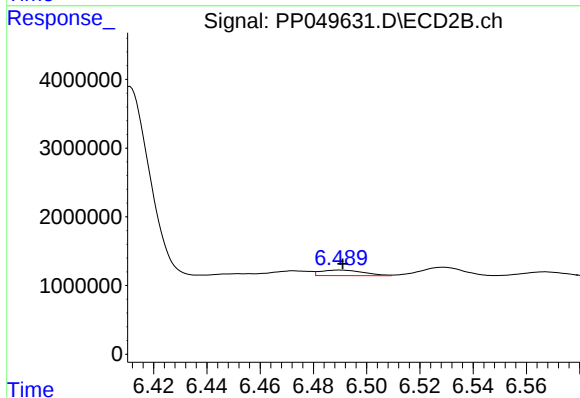
R.T.: 6.345 min
Delta R.T.: 0.008 min
Response: 1369165
Conc: 11.38 ng/ml



#33 AR-1260-3

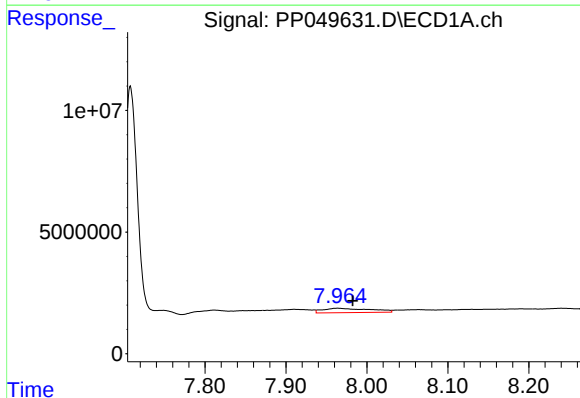
R.T.: 0.000 min
Exp R.T.: 7.754 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



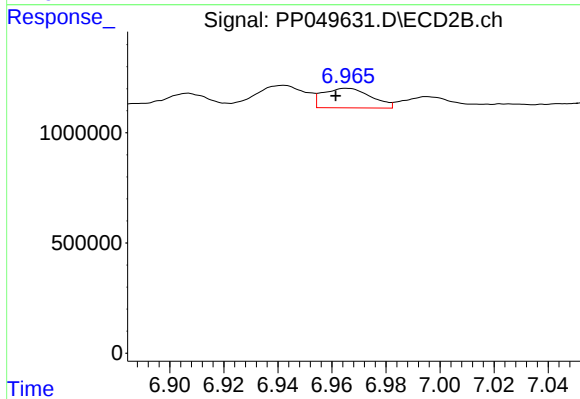
#33 AR-1260-3

R.T.: 6.490 min
Delta R.T.: -0.001 min
Response: 896236
Conc: 7.92 ng/ml



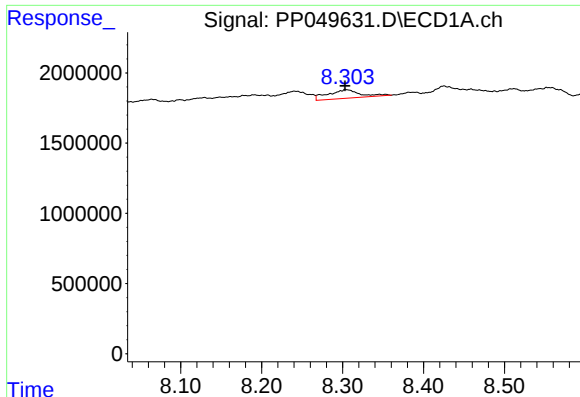
#34 AR-1260-4

R.T.: 7.964 min
Delta R.T.: -0.019 min
Response: 7314712
Conc: 94.54 ng/ml



#34 AR-1260-4

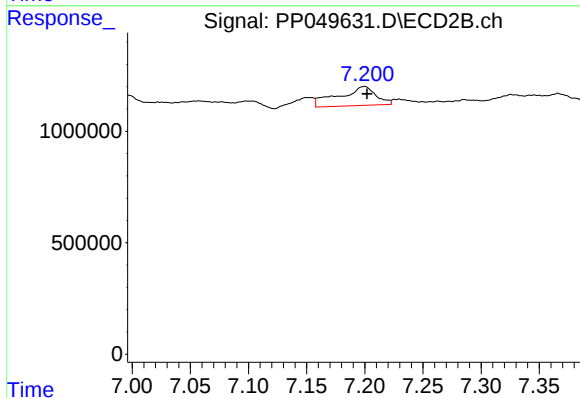
R.T.: 6.966 min
Delta R.T.: 0.004 min
Response: 1088531
Conc: 14.23 ng/ml



#35 AR-1260-5

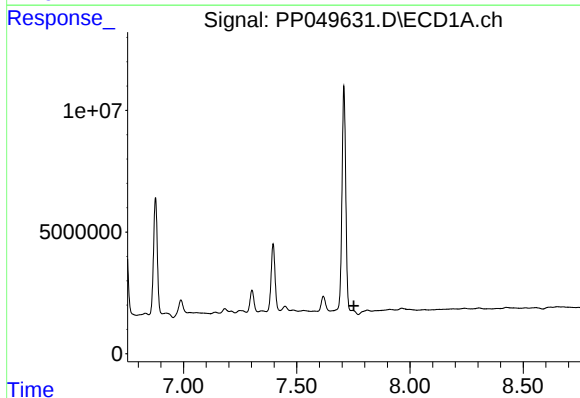
R.T.: 8.305 min
Delta R.T.: 0.002 min
Response: 1674661
Conc: 10.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



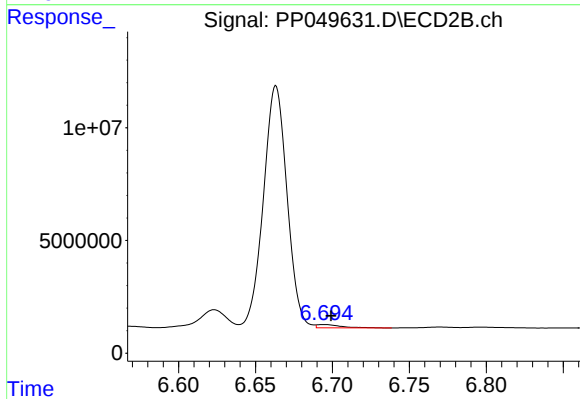
#35 AR-1260-5

R.T.: 7.200 min
Delta R.T.: -0.002 min
Response: 1902471
Conc: 11.13 ng/ml



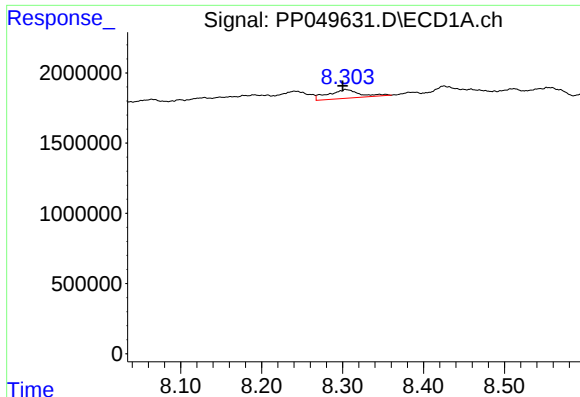
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.752 min
Response: 0
Conc: N.D.



#36 AR-1262-1

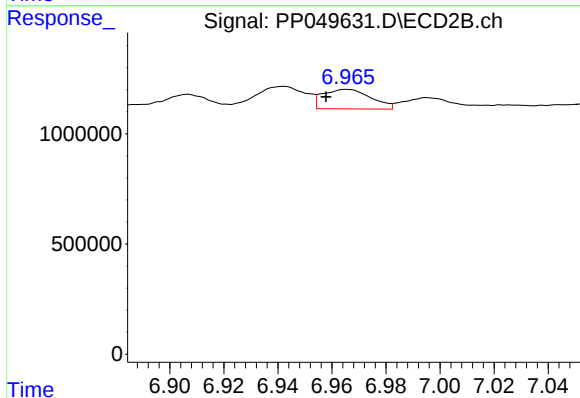
R.T.: 6.695 min
Delta R.T.: -0.004 min
Response: 1588839
Conc: 13.40 ng/ml



#37 AR-1262-2

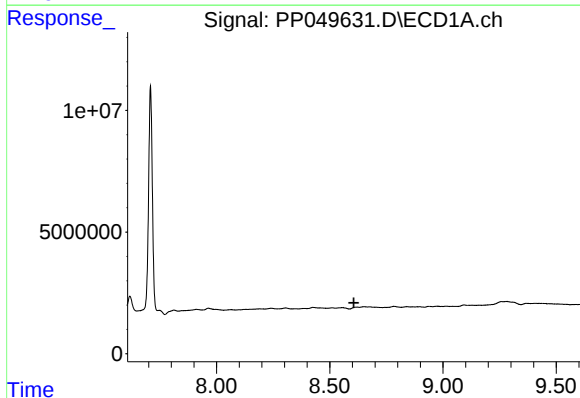
R.T.: 8.305 min
Delta R.T.: 0.005 min
Response: 1674661
Conc: 9.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



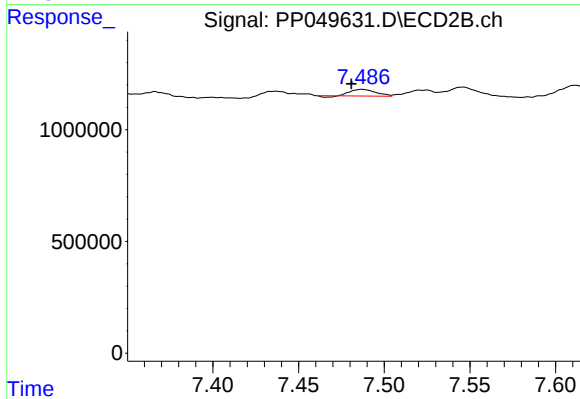
#37 AR-1262-2

R.T.: 6.966 min
Delta R.T.: 0.008 min
Response: 1088531
Conc: 10.77 ng/ml



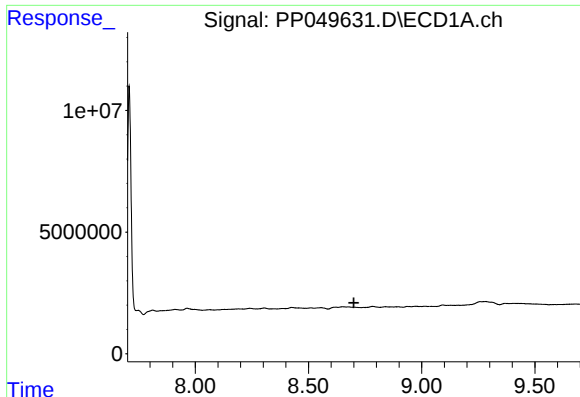
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.606 min
Response: 0
Conc: N.D.



#38 AR-1262-3

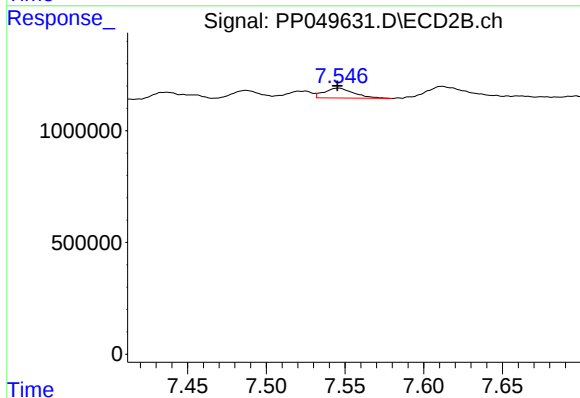
R.T.: 7.487 min
Delta R.T.: 0.006 min
Response: 289120
Conc: 4.47 ng/ml



#39 AR-1262-4

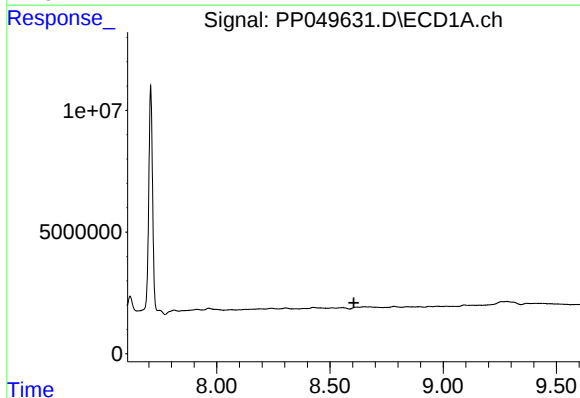
R.T.: 0.000 min
Exp R.T.: 8.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



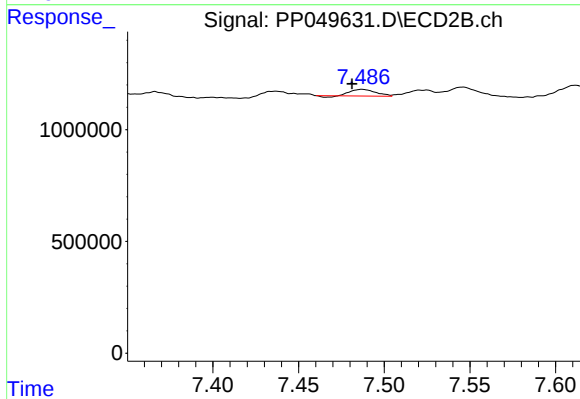
#39 AR-1262-4

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 580703
Conc: 4.54 ng/ml



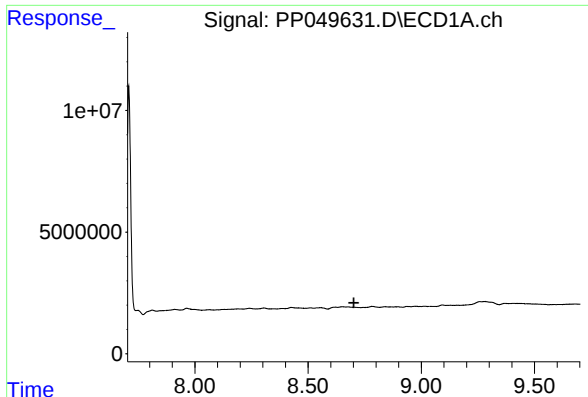
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.606 min
Response: 0
Conc: N.D.



#41 AR-1268-1

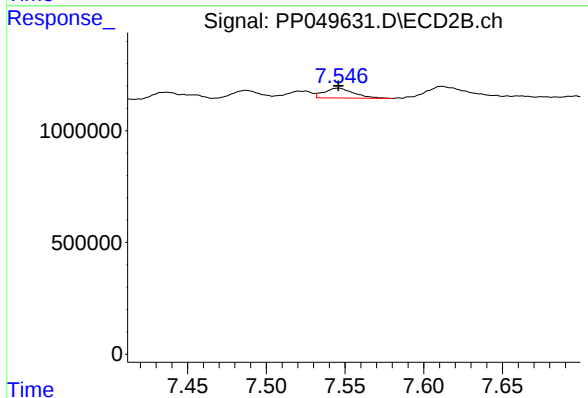
R.T.: 7.487 min
Delta R.T.: 0.006 min
Response: 289120
Conc: 1.57 ng/ml



#42 AR-1268-2

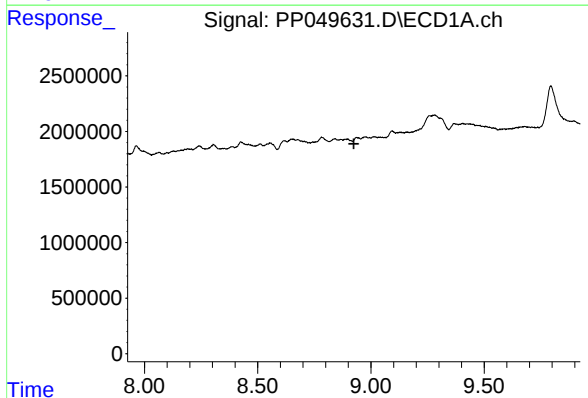
R.T.: 0.000 min
Exp R.T.: 8.702 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



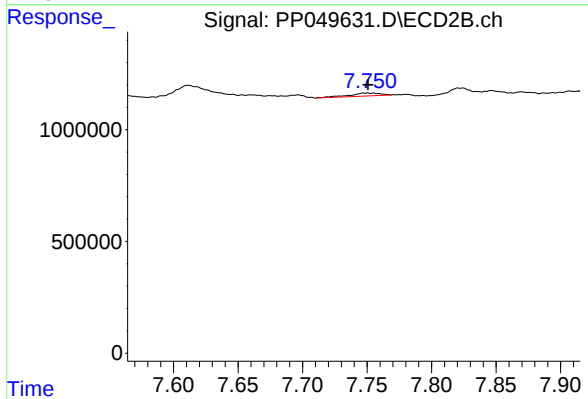
#42 AR-1268-2

R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 580703
Conc: 3.36 ng/ml



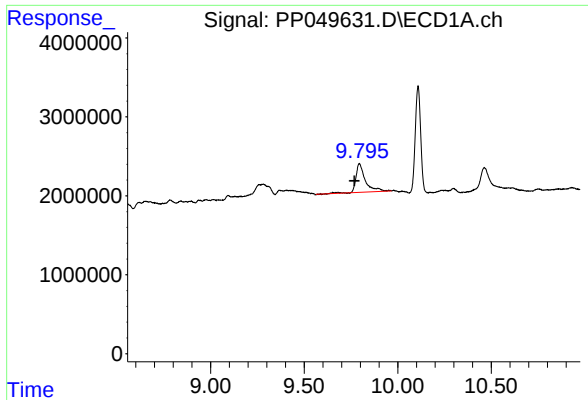
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 8.925 min
Response: 0
Conc: N.D.



#43 AR-1268-3

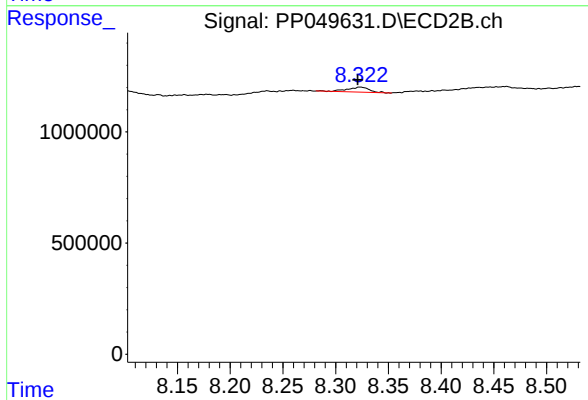
R.T.: 7.755 min
Delta R.T.: 0.004 min
Response: 219933
Conc: 1.56 ng/ml



#45 AR-1268-5

R.T.: 9.795 min
Delta R.T.: 0.026 min
Response: 12791884
Conc: 24.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.323 min
Delta R.T.: 0.002 min
Response: 324645
Conc: 0.79 ng/ml