

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP121923\
 Data File : PP062532.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 19:03
 Operator : YP\AJ
 Sample : 05863-03 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 23:41:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 19 06:30:31 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...	4.395	3.682	1496981	2975530	0.735	0.868
2) SA Decachlor...	10.140	8.816	92207511	24669840	74.091	11.015 #
Target Compounds						
3) L1 AR-1016-1	0.000	4.789	0	4113074	N.D.	39.789 #
4) L1 AR-1016-2	5.611	4.830	554479	10835330	6.243	74.126 #
5) L1 AR-1016-3	5.690f	4.995	7348556	4069089	134.481	50.810 #
6) L1 AR-1016-4	5.782f	5.068f	3722500	14481709	81.079	217.618 #
7) L1 AR-1016-5	6.082f	5.285f	887805	61296241	18.412	689.320 #
8) L2 AR-1221-1	4.633f	3.896	17100756	1338155	698.766	32.826 #
9) L2 AR-1221-2	4.712	4.002	7195007	9895910	388.650	328.691
10) L2 AR-1221-3	4.763	0.000	10088544	0	195.106	N.D. #
11) L3 AR-1232-1	4.763	0.000	10088544	0	240.102	N.D. #
12) L3 AR-1232-2	5.316	4.830	2694077	10835330	114.891	161.809 #
13) L3 AR-1232-3	5.611	4.995	554479	4069089	13.733	111.262 #
14) L3 AR-1232-4	5.782f	5.068f	3722500	14481709	177.624	414.708 #
15) L3 AR-1232-5	5.865	5.285f	8196663	61296241	518.903	1606.613 #
16) L4 AR-1242-1	0.000	4.789	0	4113074	N.D.	46.793 #
17) L4 AR-1242-2	5.611	4.830	554479	10835330	7.587	88.422 #
18) L4 AR-1242-3	5.690f	4.995	7348556	4069089	164.330	60.683 #
19) L4 AR-1242-4	5.782f	5.068f	3722500	14481709	96.692	209.060 #
20) L4 AR-1242-5	6.502	5.612	2551657	20992591	65.600	261.567 #
21) L5 AR-1248-1	0.000	4.789	0	4113074	N.D.	62.426 #
22) L5 AR-1248-2	5.865	5.068f	8196663	14481709	139.125	150.354
23) L5 AR-1248-3	6.082f	5.068	887805	14481709	13.522	142.828 #
24) L5 AR-1248-4	6.473	5.285f	5212609	61296241	77.674	510.484 #
25) L5 AR-1248-5	6.502	5.676f	2551657	205.0E6	38.869	1892.585 #
26) L6 AR-1254-1	6.443	5.612	1841164	20992591	24.579	118.361 #
27) L6 AR-1254-2	6.625f	0.000	24097653	0	211.908	N.D. #
28) L6 AR-1254-3	7.018	6.183	42760049	10307275	367.451	42.718 #
29) L6 AR-1254-4	7.299	0.000	4091124	0	54.701	N.D. #
30) L6 AR-1254-5	7.748f	6.824	717260	1335471	9.202	6.663 #
31) L7 AR-1260-1	7.192	6.290f	427882	160.1E6	4.773	952.791 #
32) L7 AR-1260-2	7.463	6.474f	52012043	29857516	538.831	158.062 #
33) L7 AR-1260-3	7.806	6.649	1586691	95776638	24.106	514.872 #
34) L7 AR-1260-4	8.016	7.125	2180201	5952851	29.272	40.325 #
35) L7 AR-1260-5	8.339	7.344f	51685042	57512190	380.771	189.462 #
36) L8 AR-1262-1	7.863	6.955f	720874	723.0E6	17.308	8053.679 #
37) L8 AR-1262-2	8.339	7.125	51685042	5952851	333.715	31.560 #
38) L8 AR-1262-3	8.671	7.673	153.7E6	30784262	1399.799	221.744 #
40) L8 AR-1262-5	9.425f	0.000	7167186	0	128.502	N.D. #
41) L9 AR-1268-1	8.671	7.673	153.7E6	30784262	762.396	76.584 #
43) L9 AR-1268-3	8.963f	7.935	3171211	2306632	19.925	7.209 #

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 Quant Time: Dec 19 23:41:48 2023
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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	9.425f	0.000	7167186	0	117.954	N.D. #
45) L9	AR-1268-5	9.828	8.519	3078584	28443898	6.729	34.356 #

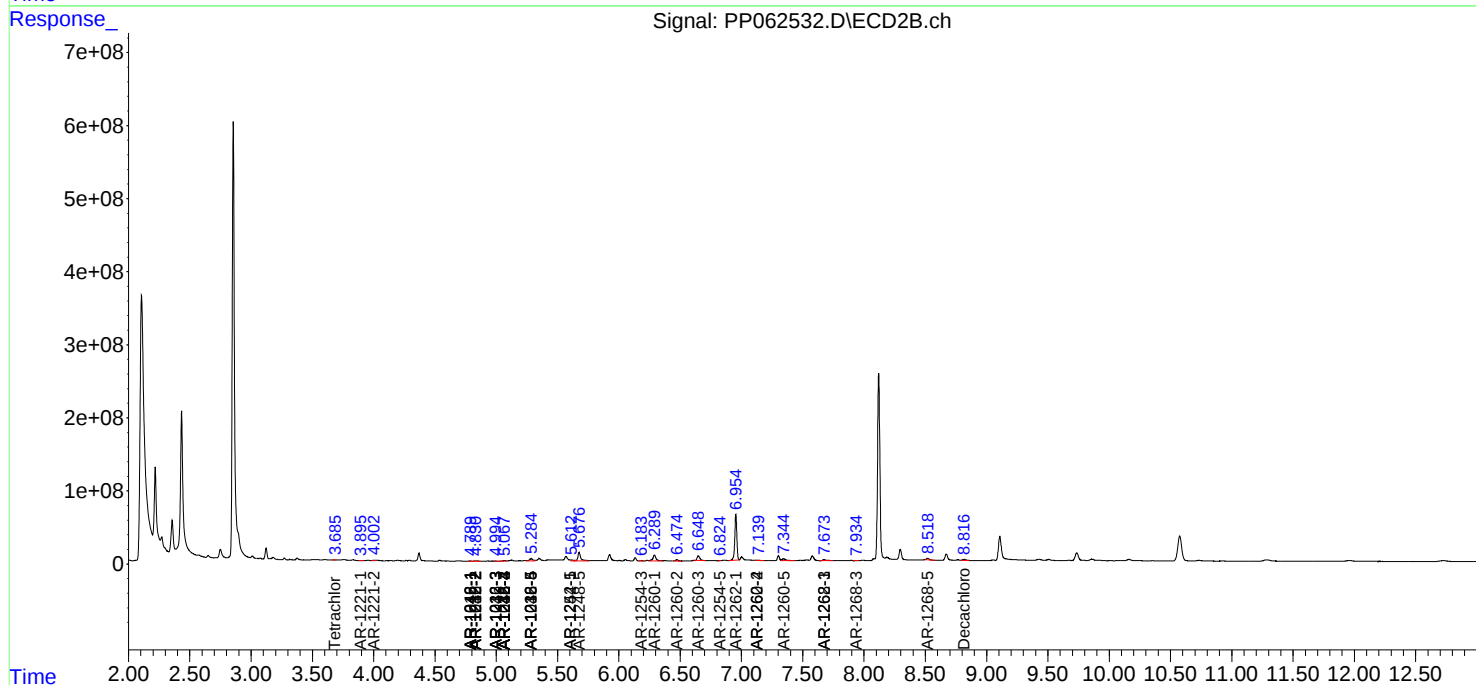
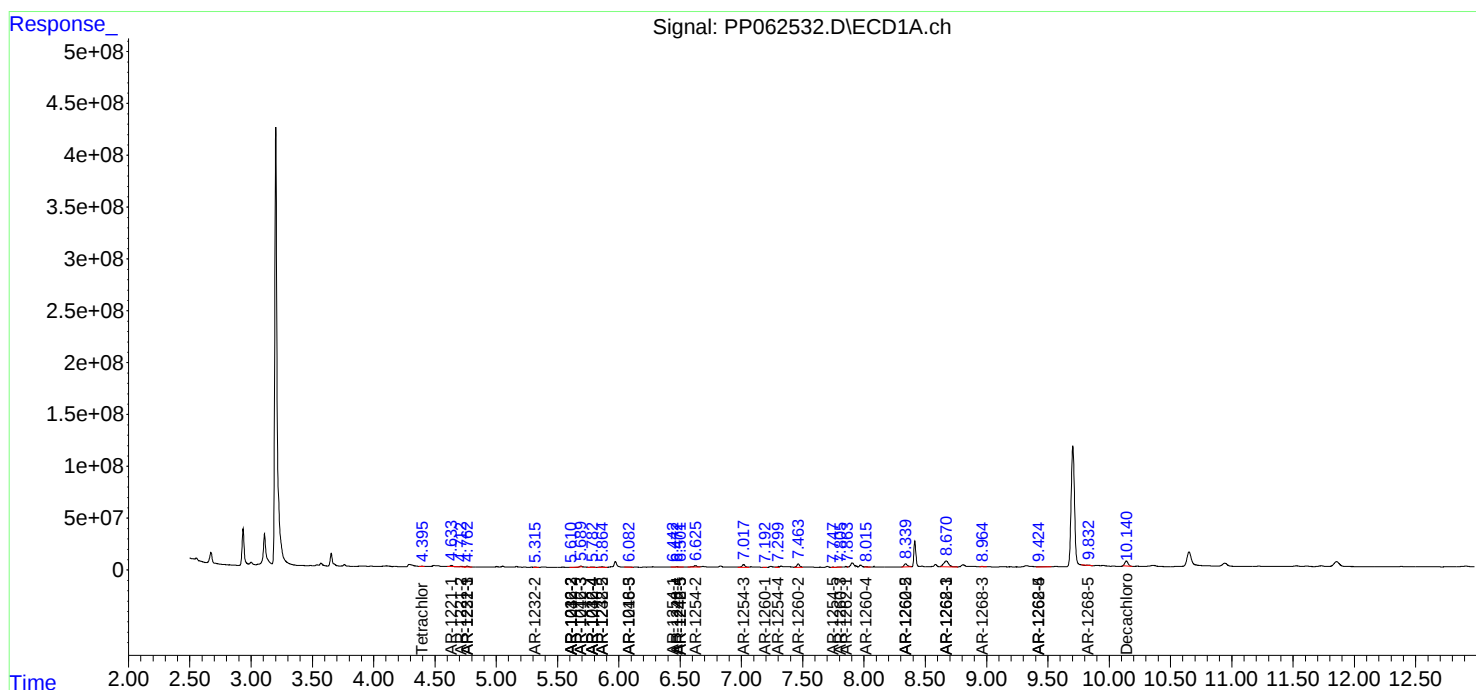
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

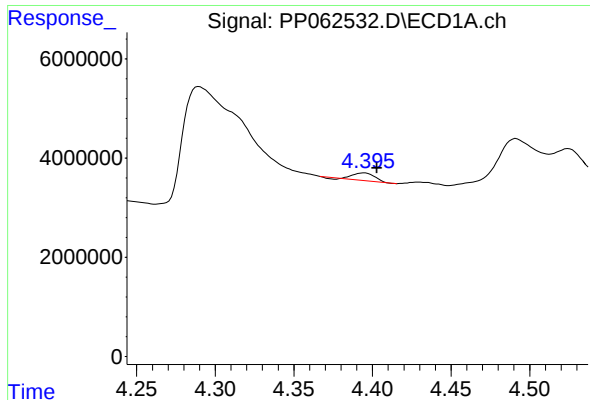
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

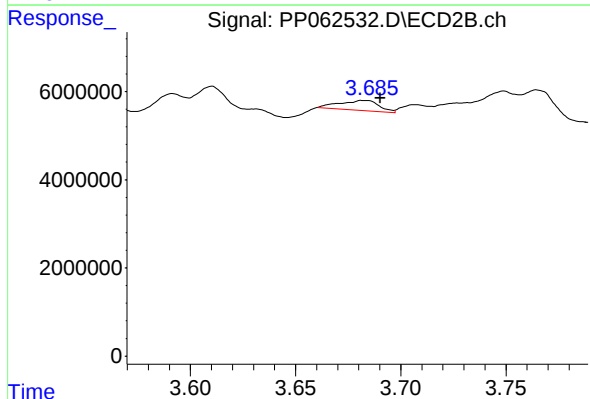




#1 Tetrachloro-m-xylene

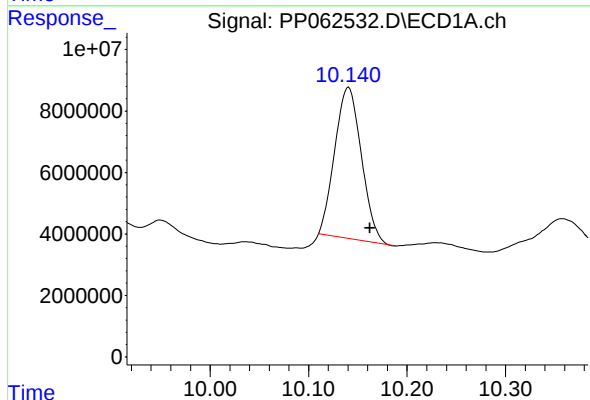
R.T.: 4.395 min
Delta R.T.: -0.008 min
Response: 1496981
Conc: 0.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



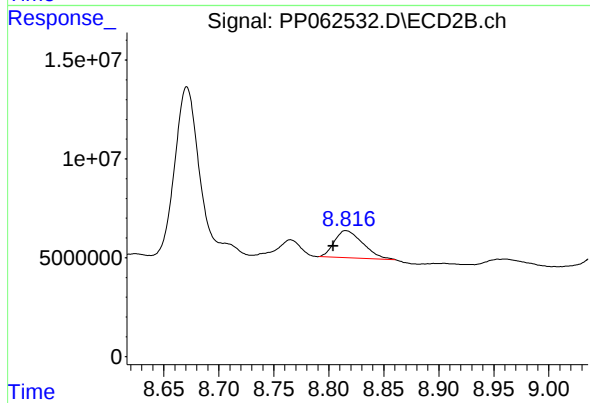
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.009 min
Response: 2975530
Conc: 0.87 ng/ml



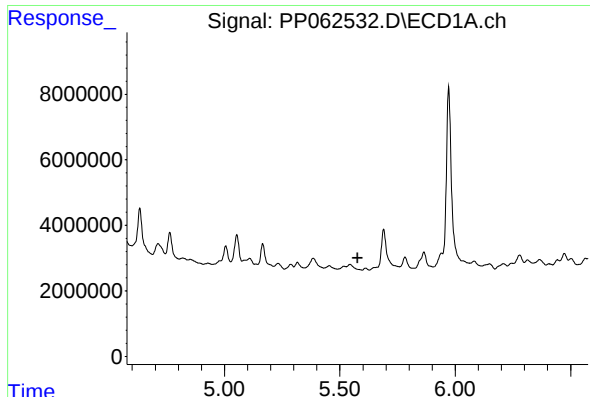
#2 Decachlorobiphenyl

R.T.: 10.140 min
Delta R.T.: -0.022 min
Response: 92207511
Conc: 74.09 ng/ml



#2 Decachlorobiphenyl

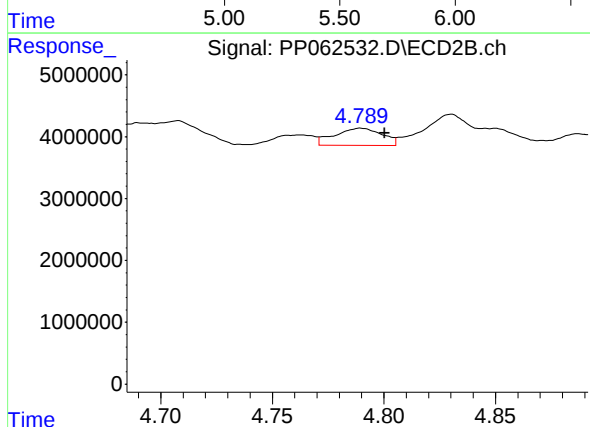
R.T.: 8.816 min
Delta R.T.: 0.012 min
Response: 24669840
Conc: 11.02 ng/ml



#3 AR-1016-1

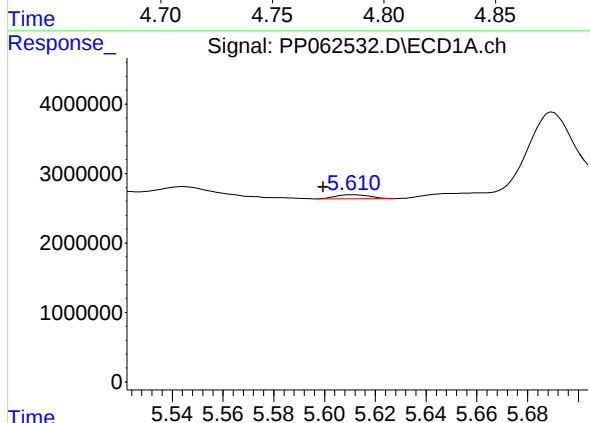
R.T.: 0.000 min
Exp R.T.: 5.577 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



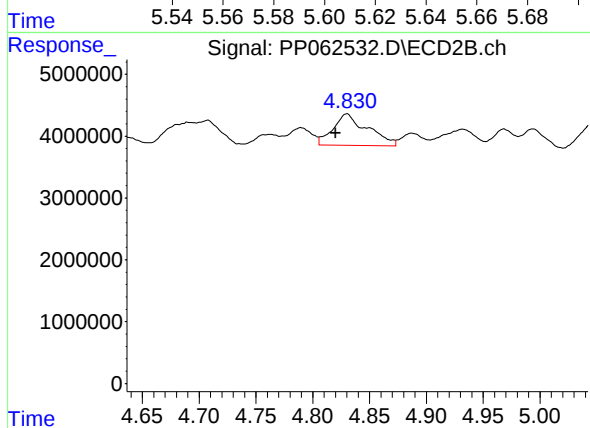
#3 AR-1016-1

R.T.: 4.789 min
Delta R.T.: -0.011 min
Response: 4113074
Conc: 39.79 ng/ml



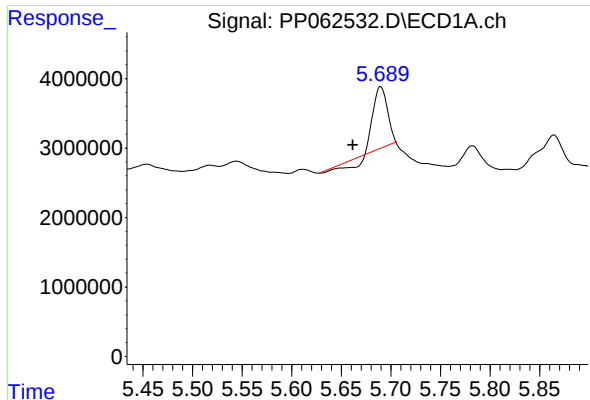
#4 AR-1016-2

R.T.: 5.611 min
Delta R.T.: 0.012 min
Response: 554479
Conc: 6.24 ng/ml



#4 AR-1016-2

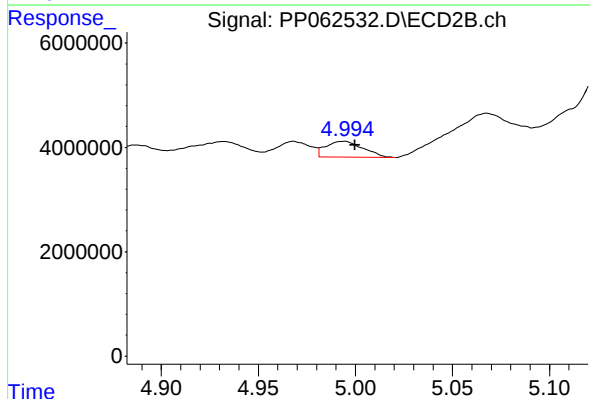
R.T.: 4.830 min
Delta R.T.: 0.010 min
Response: 10835330
Conc: 74.13 ng/ml



#5 AR-1016-3

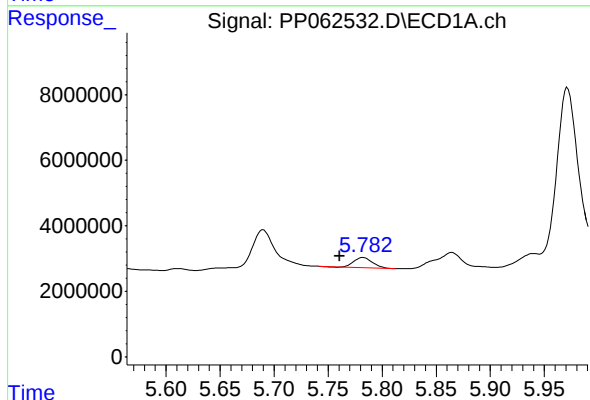
R.T.: 5.690 min
Delta R.T.: 0.028 min
Response: 7348556
Conc: 134.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



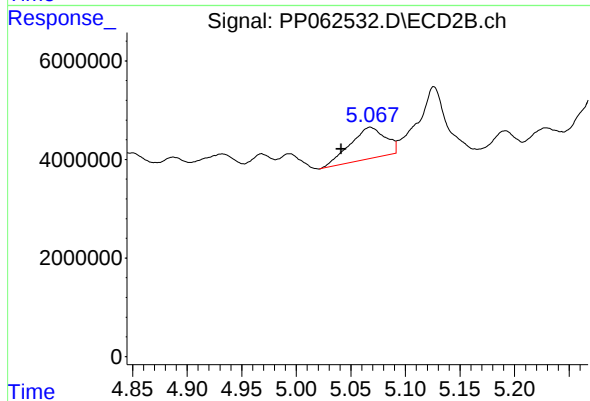
#5 AR-1016-3

R.T.: 4.995 min
Delta R.T.: -0.005 min
Response: 4069089
Conc: 50.81 ng/ml



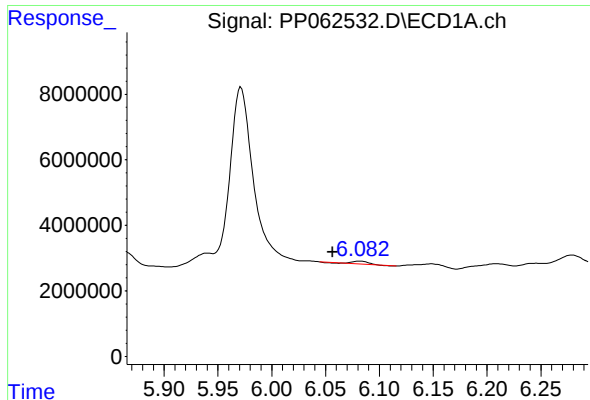
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.022 min
Response: 3722500
Conc: 81.08 ng/ml



#6 AR-1016-4

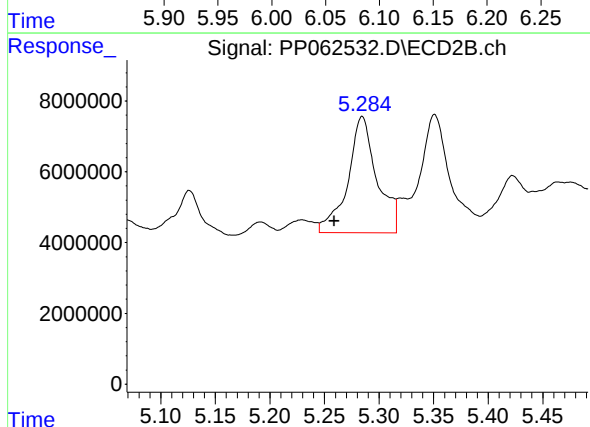
R.T.: 5.068 min
Delta R.T.: 0.026 min
Response: 14481709
Conc: 217.62 ng/ml



#7 AR-1016-5

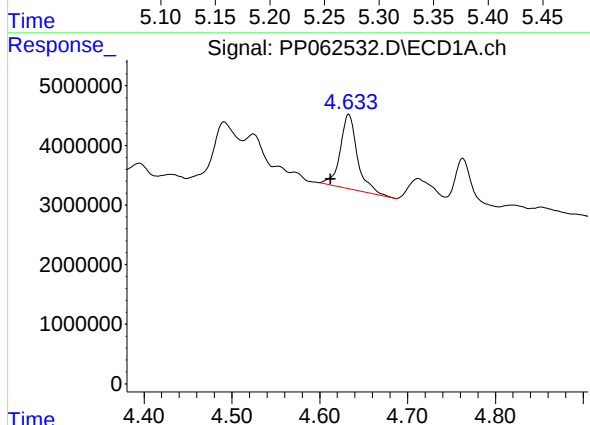
R.T.: 6.082 min
Delta R.T.: 0.025 min
Response: 887805
Conc: 18.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



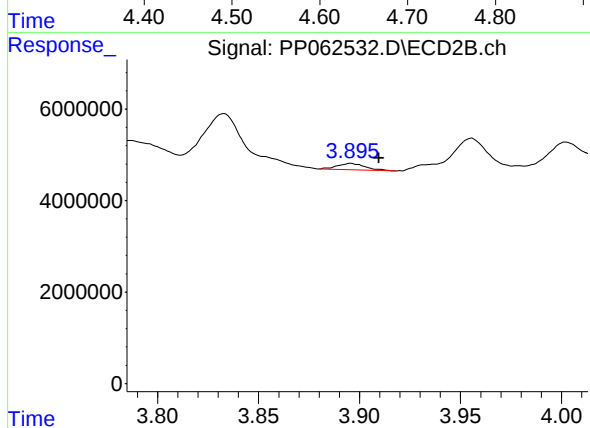
#7 AR-1016-5

R.T.: 5.285 min
Delta R.T.: 0.025 min
Response: 61296241
Conc: 689.32 ng/ml



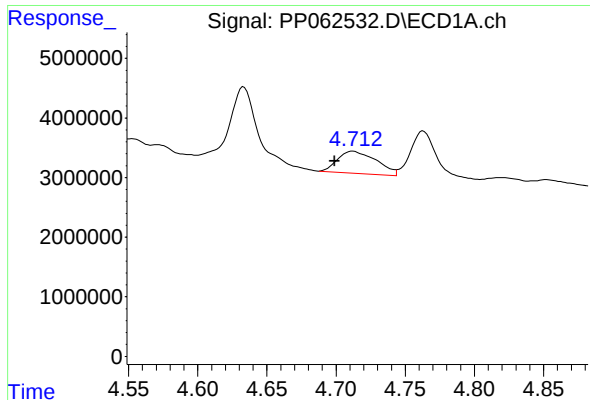
#8 AR-1221-1

R.T.: 4.633 min
Delta R.T.: 0.021 min
Response: 17100756
Conc: 698.77 ng/ml



#8 AR-1221-1

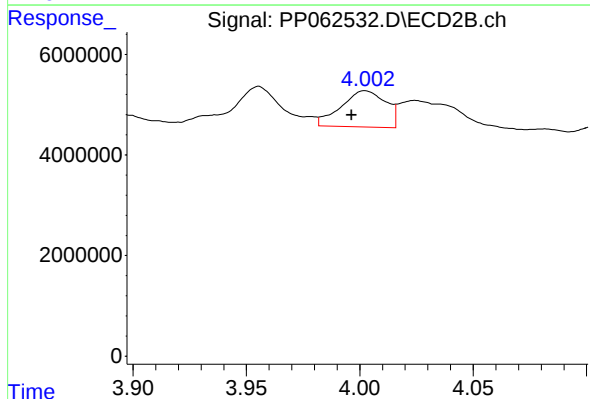
R.T.: 3.896 min
Delta R.T.: -0.014 min
Response: 1338155
Conc: 32.83 ng/ml



#9 AR-1221-2

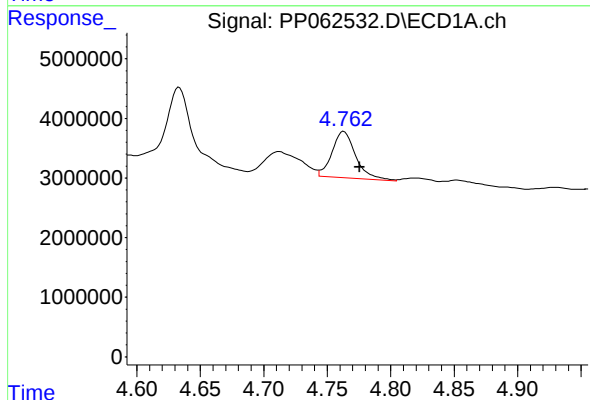
R.T.: 4.712 min
Delta R.T.: 0.013 min
Response: 7195007
Conc: 388.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



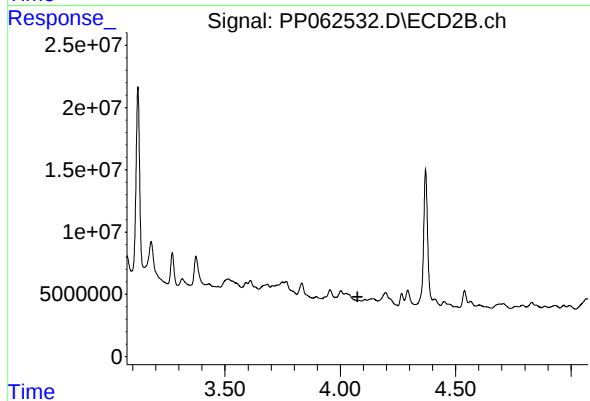
#9 AR-1221-2

R.T.: 4.002 min
Delta R.T.: 0.006 min
Response: 9895910
Conc: 328.69 ng/ml



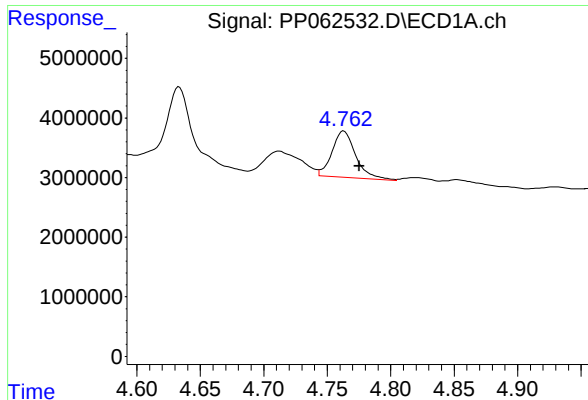
#10 AR-1221-3

R.T.: 4.763 min
Delta R.T.: -0.013 min
Response: 10088544
Conc: 195.11 ng/ml



#10 AR-1221-3

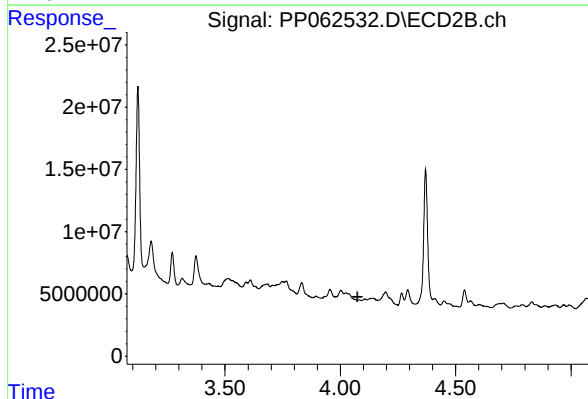
R.T.: 0.000 min
Exp R.T.: 4.075 min
Response: 0
Conc: N.D.



#11 AR-1232-1

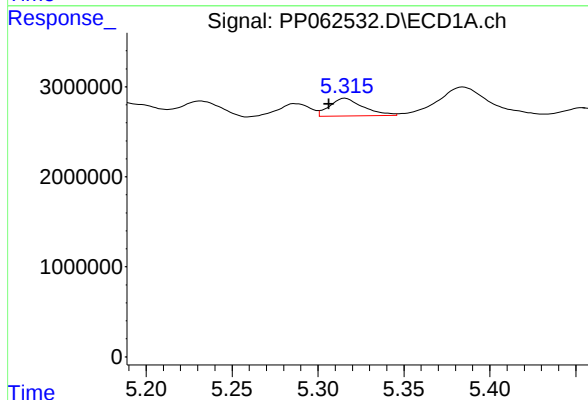
R.T.: 4.763 min
Delta R.T.: -0.012 min
Response: 10088544
Conc: 240.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



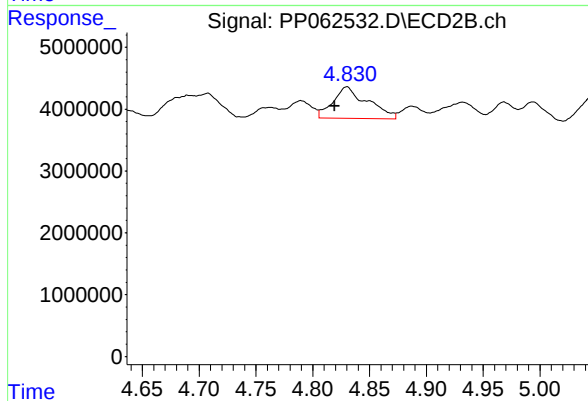
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.074 min
Response: 0
Conc: N.D.



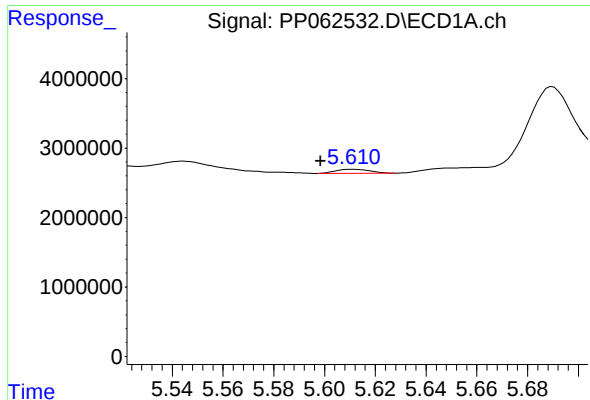
#12 AR-1232-2

R.T.: 5.316 min
Delta R.T.: 0.009 min
Response: 2694077
Conc: 114.89 ng/ml



#12 AR-1232-2

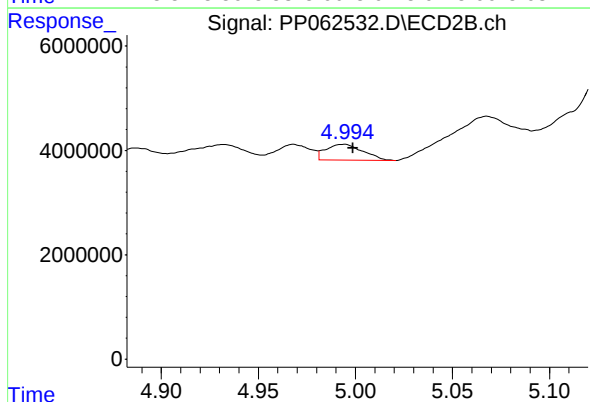
R.T.: 4.830 min
Delta R.T.: 0.011 min
Response: 10835330
Conc: 161.81 ng/ml



#13 AR-1232-3

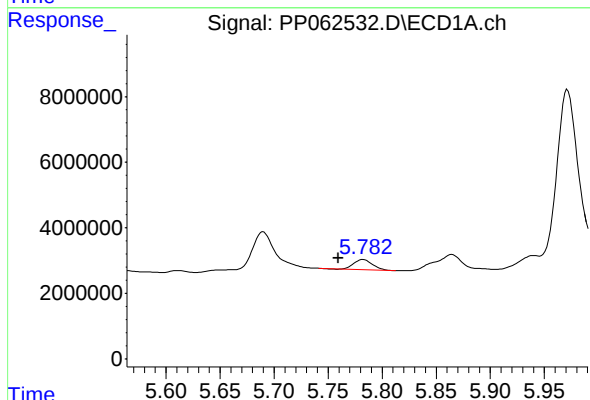
R.T.: 5.611 min
Delta R.T.: 0.013 min
Response: 554479
Conc: 13.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



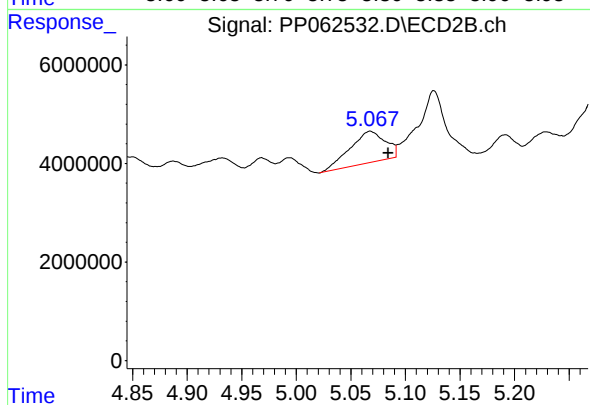
#13 AR-1232-3

R.T.: 4.995 min
Delta R.T.: -0.004 min
Response: 4069089
Conc: 111.26 ng/ml



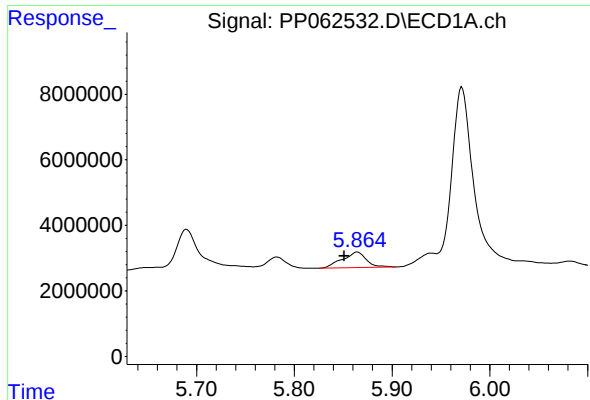
#14 AR-1232-4

R.T.: 5.782 min
Delta R.T.: 0.023 min
Response: 3722500
Conc: 177.62 ng/ml



#14 AR-1232-4

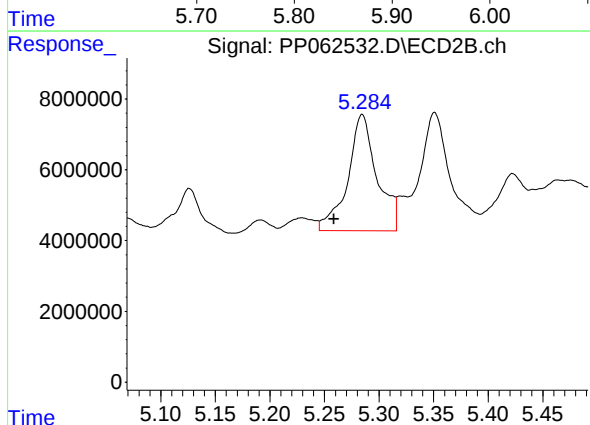
R.T.: 5.068 min
Delta R.T.: -0.016 min
Response: 14481709
Conc: 414.71 ng/ml



#15 AR-1232-5

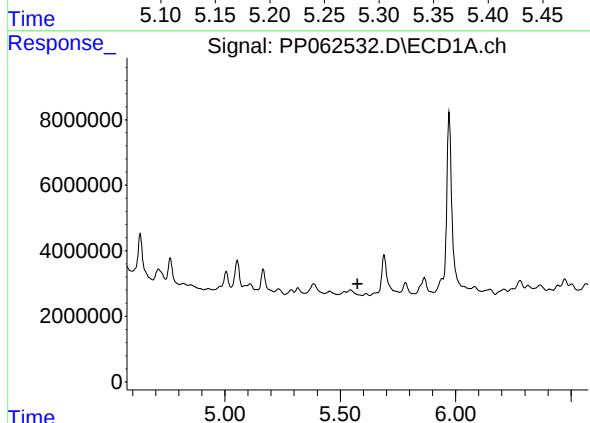
R.T.: 5.865 min
Delta R.T.: 0.013 min
Response: 8196663
Conc: 518.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



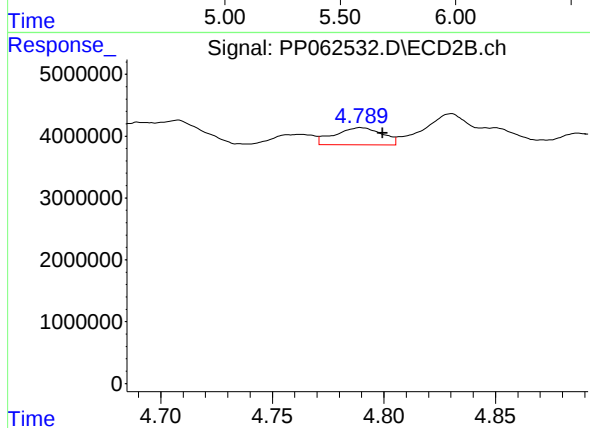
#15 AR-1232-5

R.T.: 5.285 min
Delta R.T.: 0.026 min
Response: 61296241
Conc: 1606.61 ng/ml



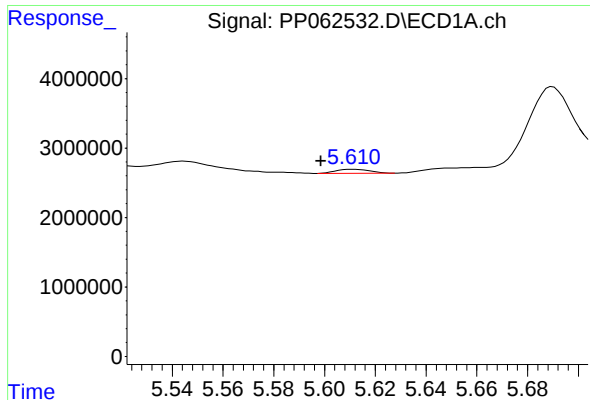
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.575 min
Response: 0
Conc: N.D.



#16 AR-1242-1

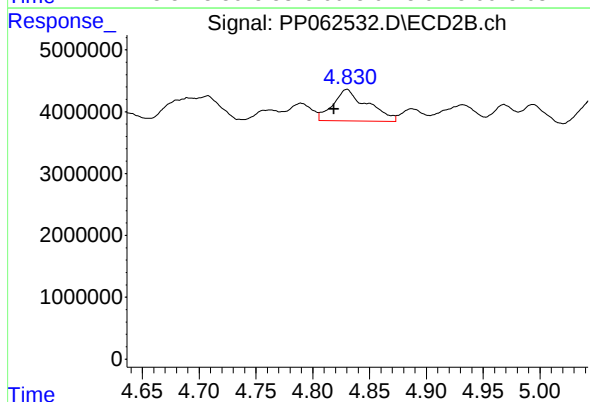
R.T.: 4.789 min
Delta R.T.: -0.010 min
Response: 4113074
Conc: 46.79 ng/ml



#17 AR-1242-2

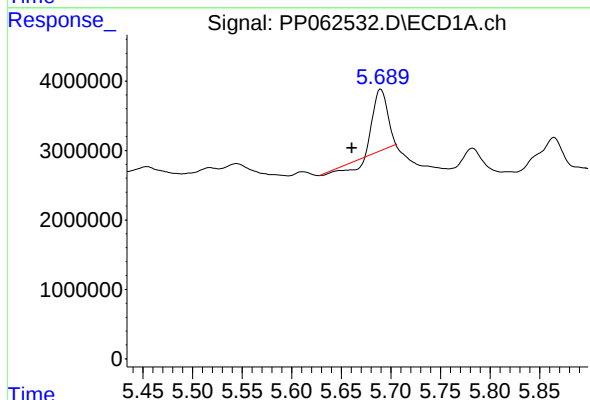
R.T.: 5.611 min
Delta R.T.: 0.013 min
Response: 554479
Conc: 7.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



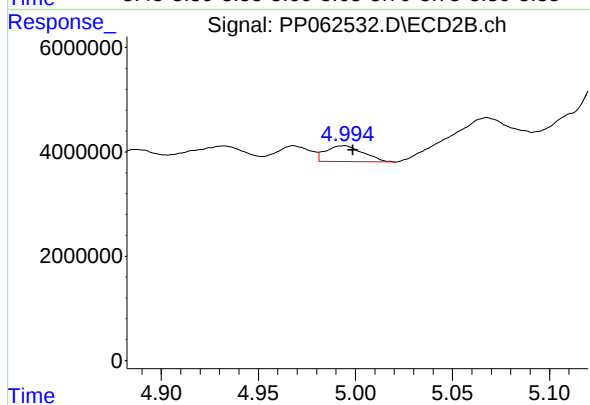
#17 AR-1242-2

R.T.: 4.830 min
Delta R.T.: 0.011 min
Response: 10835330
Conc: 88.42 ng/ml



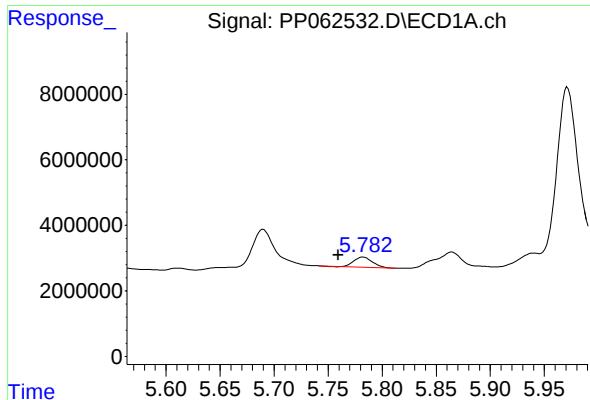
#18 AR-1242-3

R.T.: 5.690 min
Delta R.T.: 0.029 min
Response: 7348556
Conc: 164.33 ng/ml



#18 AR-1242-3

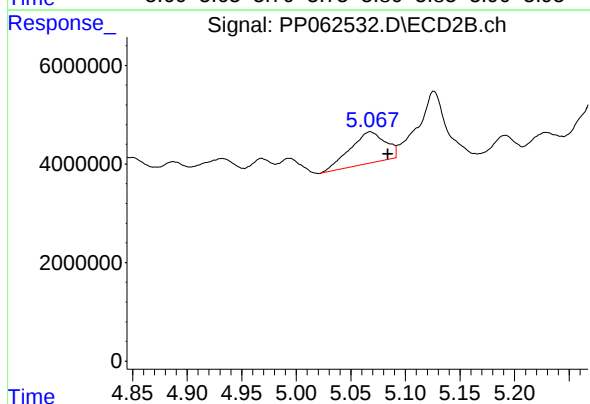
R.T.: 4.995 min
Delta R.T.: -0.004 min
Response: 4069089
Conc: 60.68 ng/ml



#19 AR-1242-4

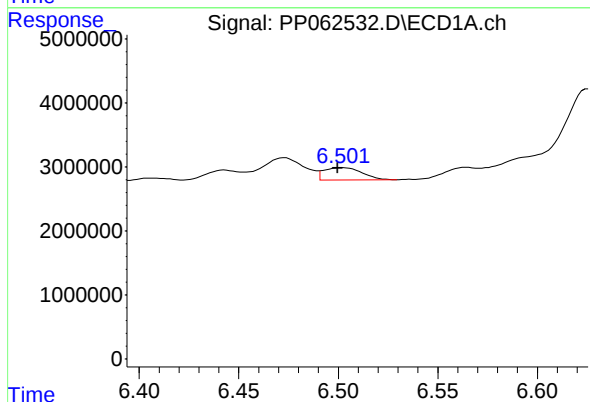
R.T.: 5.782 min
Delta R.T.: 0.023 min
Response: 3722500
Conc: 96.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



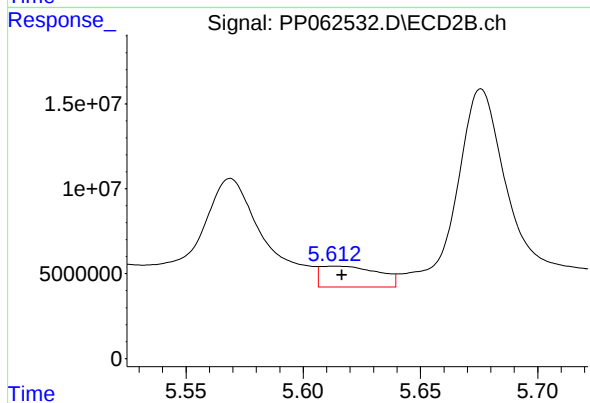
#19 AR-1242-4

R.T.: 5.068 min
Delta R.T.: -0.016 min
Response: 14481709
Conc: 209.06 ng/ml



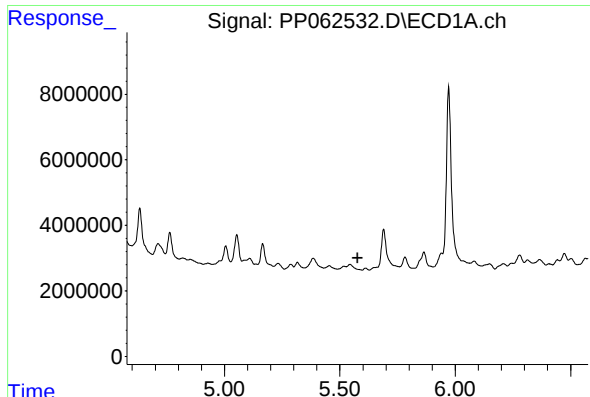
#20 AR-1242-5

R.T.: 6.502 min
Delta R.T.: 0.002 min
Response: 2551657
Conc: 65.60 ng/ml



#20 AR-1242-5

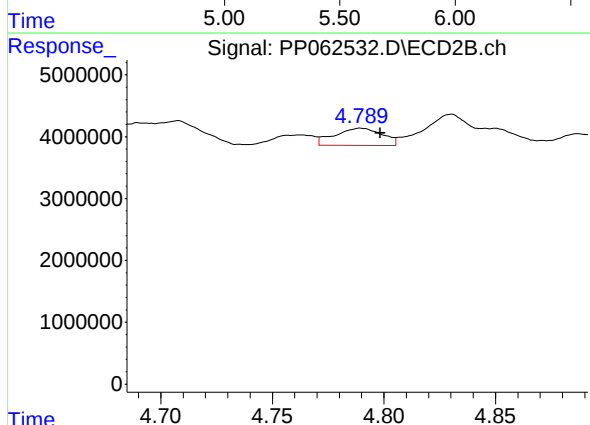
R.T.: 5.612 min
Delta R.T.: -0.004 min
Response: 20992591
Conc: 261.57 ng/ml



#21 AR-1248-1

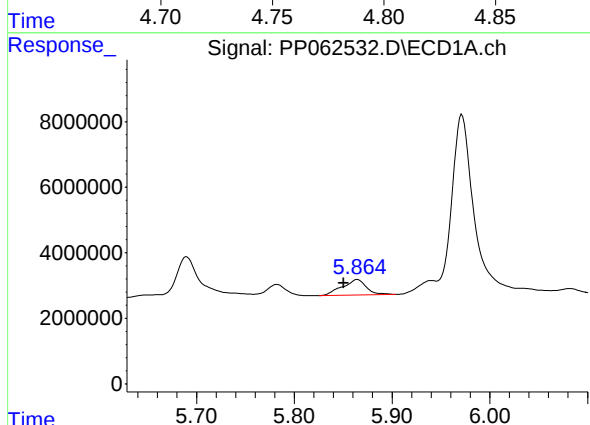
R.T.: 0.000 min
Exp R.T.: 5.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



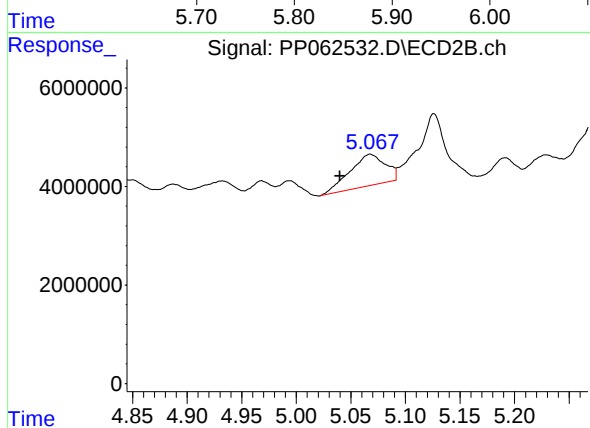
#21 AR-1248-1

R.T.: 4.789 min
Delta R.T.: -0.009 min
Response: 4113074
Conc: 62.43 ng/ml



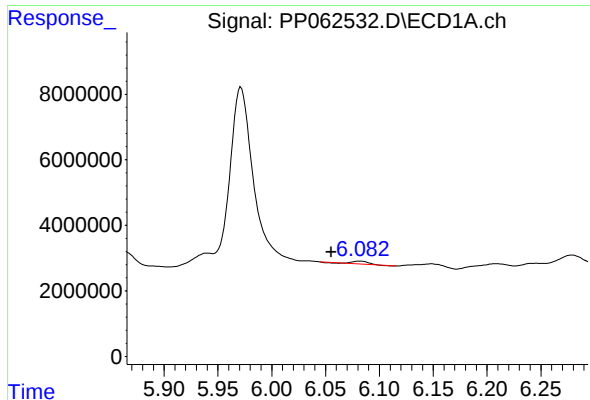
#22 AR-1248-2

R.T.: 5.865 min
Delta R.T.: 0.014 min
Response: 8196663
Conc: 139.13 ng/ml



#22 AR-1248-2

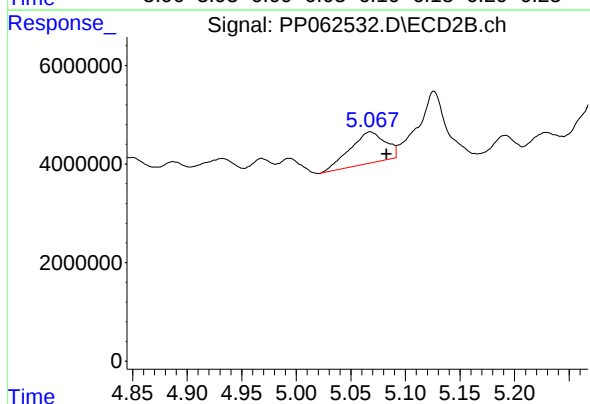
R.T.: 5.068 min
Delta R.T.: 0.028 min
Response: 14481709
Conc: 150.35 ng/ml



#23 AR-1248-3

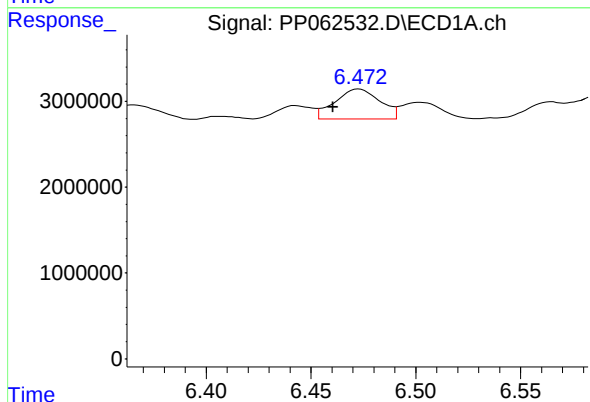
R.T.: 6.082 min
Delta R.T.: 0.027 min
Response: 887805
Conc: 13.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



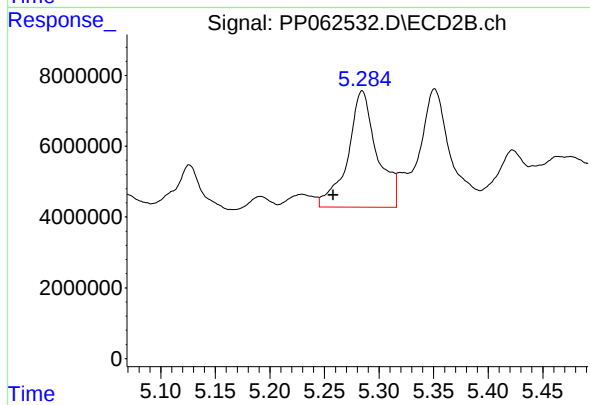
#23 AR-1248-3

R.T.: 5.068 min
Delta R.T.: -0.015 min
Response: 14481709
Conc: 142.83 ng/ml



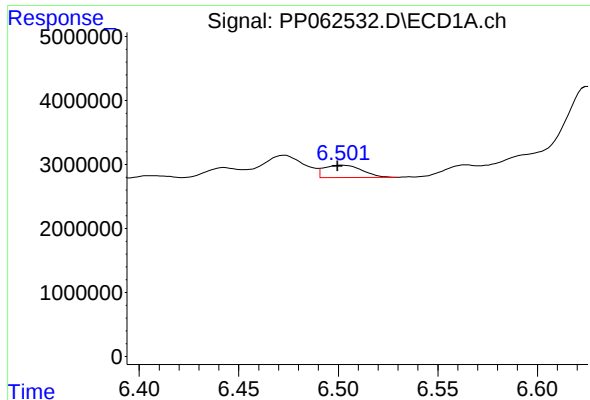
#24 AR-1248-4

R.T.: 6.473 min
Delta R.T.: 0.013 min
Response: 5212609
Conc: 77.67 ng/ml



#24 AR-1248-4

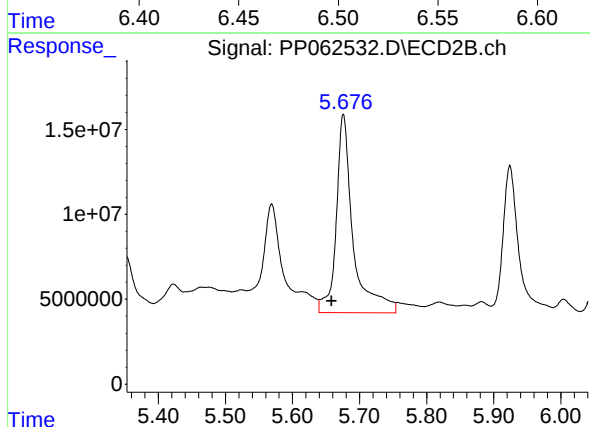
R.T.: 5.285 min
Delta R.T.: 0.027 min
Response: 61296241
Conc: 510.48 ng/ml



#25 AR-1248-5

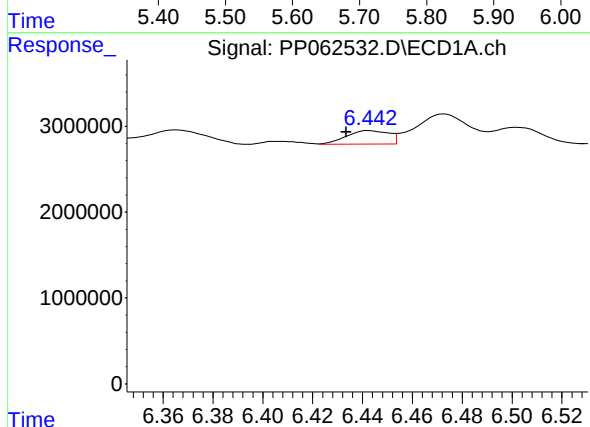
R.T.: 6.502 min
Delta R.T.: 0.002 min
Response: 2551657
Conc: 38.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



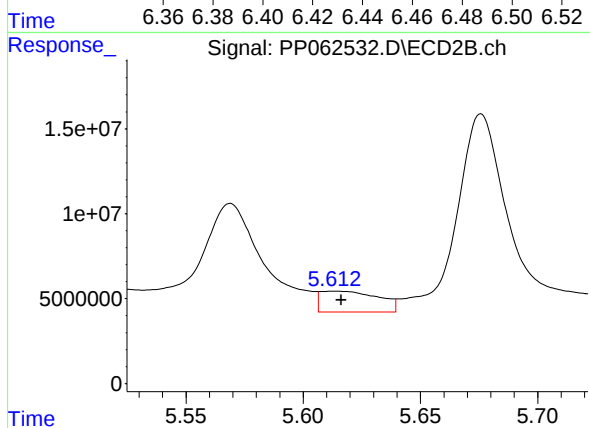
#25 AR-1248-5

R.T.: 5.676 min
Delta R.T.: 0.017 min
Response: 204979145
Conc: 1892.59 ng/ml



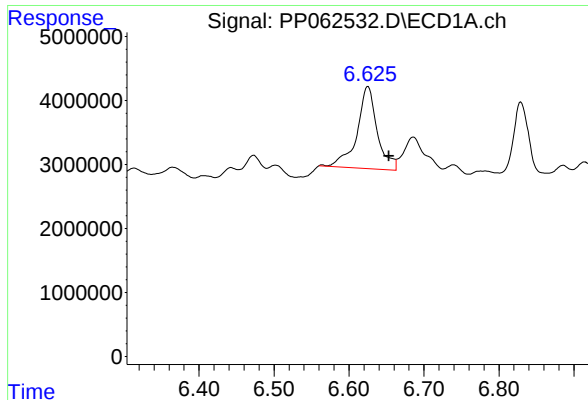
#26 AR-1254-1

R.T.: 6.443 min
Delta R.T.: 0.009 min
Response: 1841164
Conc: 24.58 ng/ml



#26 AR-1254-1

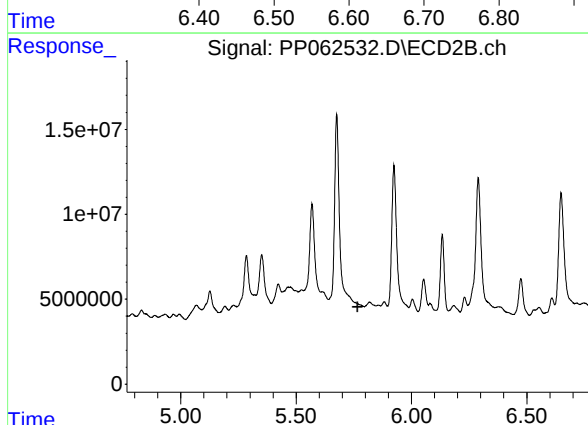
R.T.: 5.612 min
Delta R.T.: -0.004 min
Response: 20992591
Conc: 118.36 ng/ml



#27 AR-1254-2

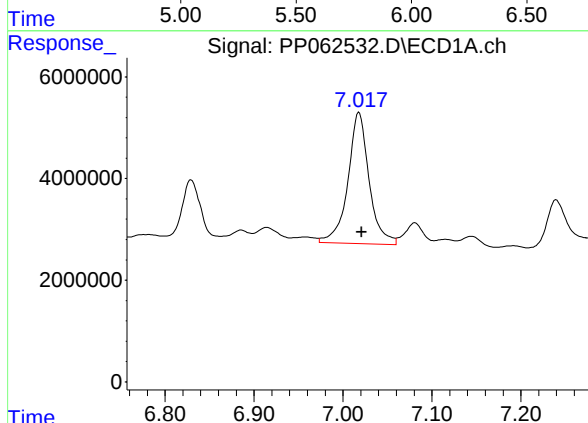
R.T.: 6.625 min
Delta R.T.: -0.028 min
Response: 24097653
Conc: 211.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



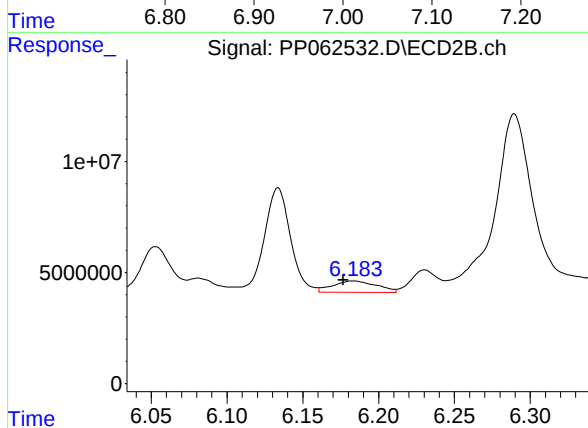
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 5.766 min
Response: 0
Conc: N.D.



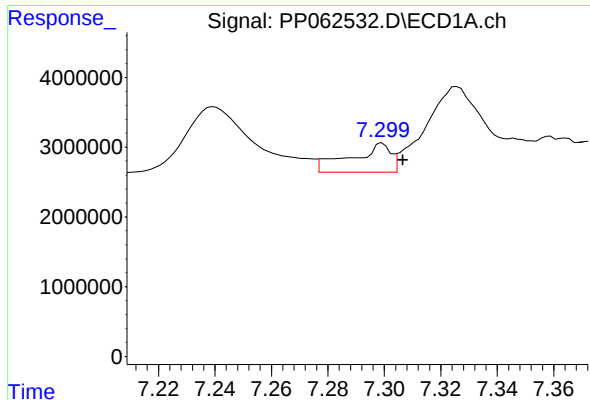
#28 AR-1254-3

R.T.: 7.018 min
Delta R.T.: -0.003 min
Response: 42760049
Conc: 367.45 ng/ml



#28 AR-1254-3

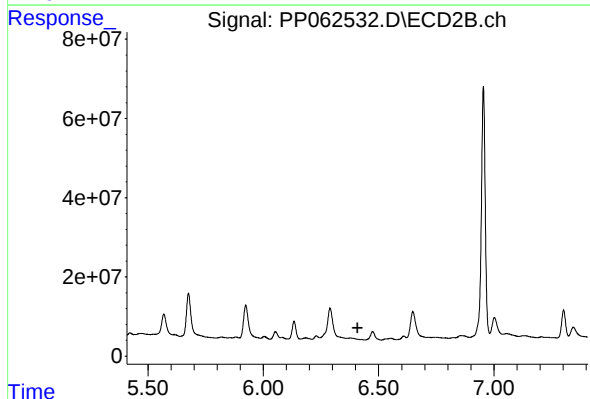
R.T.: 6.183 min
Delta R.T.: 0.006 min
Response: 10307275
Conc: 42.72 ng/ml



#29 AR-1254-4

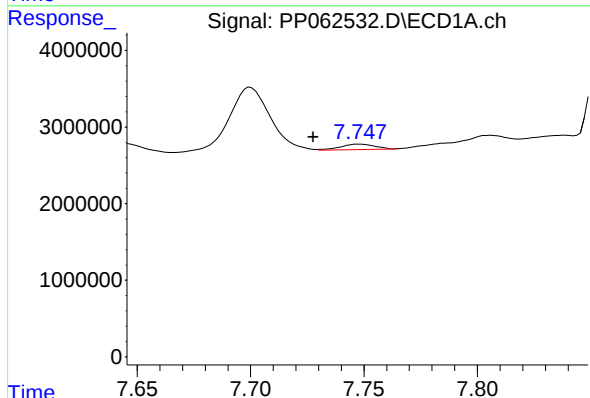
R.T.: 7.299 min
Delta R.T.: -0.007 min
Response: 4091124
Conc: 54.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



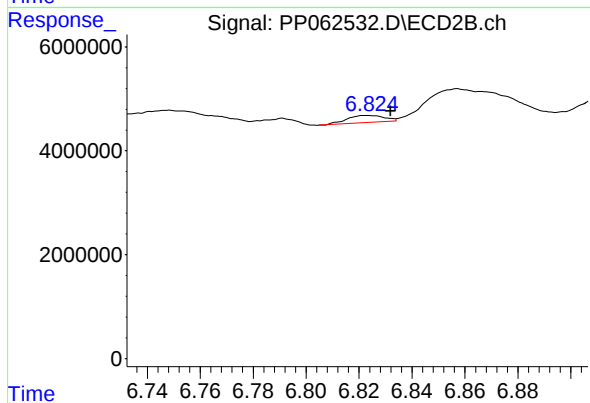
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.408 min
Response: 0
Conc: N.D.



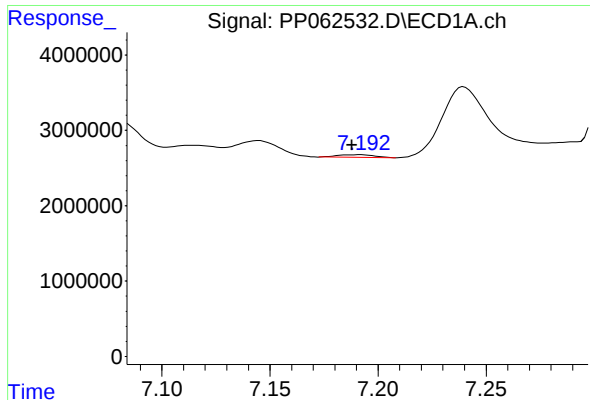
#30 AR-1254-5

R.T.: 7.748 min
Delta R.T.: 0.021 min
Response: 717260
Conc: 9.20 ng/ml



#30 AR-1254-5

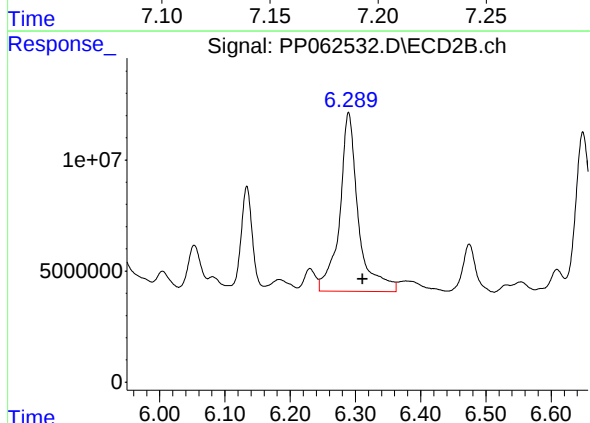
R.T.: 6.824 min
Delta R.T.: -0.008 min
Response: 1335471
Conc: 6.66 ng/ml



#31 AR-1260-1

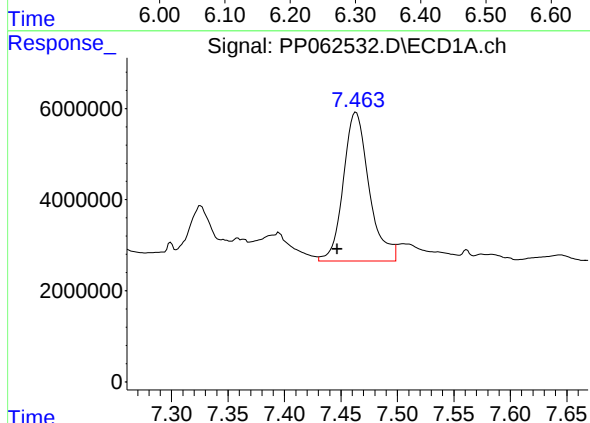
R.T.: 7.192 min
Delta R.T.: 0.004 min
Response: 427882
Conc: 4.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



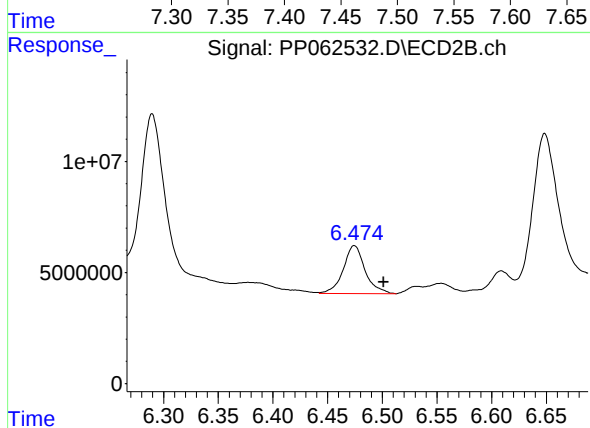
#31 AR-1260-1

R.T.: 6.290 min
Delta R.T.: -0.021 min
Response: 160098290
Conc: 952.79 ng/ml



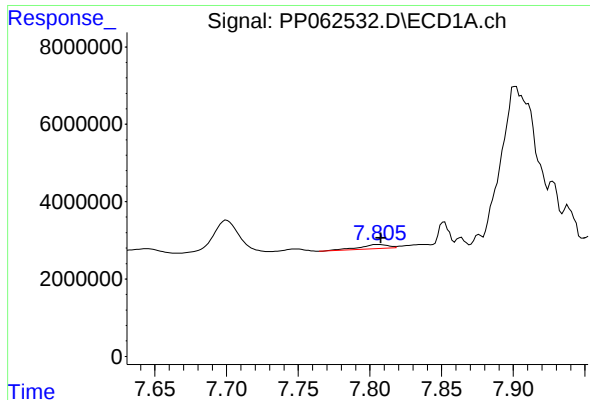
#32 AR-1260-2

R.T.: 7.463 min
Delta R.T.: 0.016 min
Response: 52012043
Conc: 538.83 ng/ml



#32 AR-1260-2

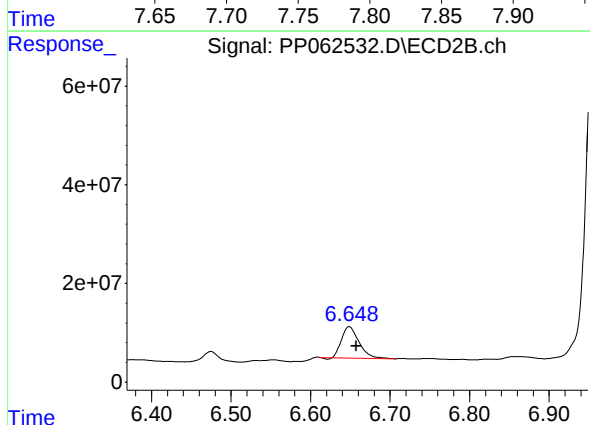
R.T.: 6.474 min
Delta R.T.: -0.027 min
Response: 29857516
Conc: 158.06 ng/ml



#33 AR-1260-3

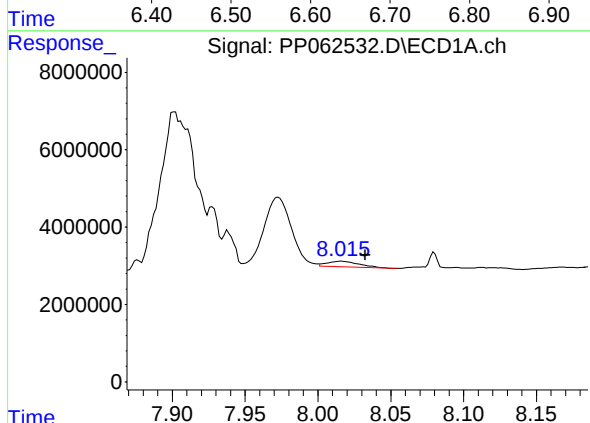
R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1586691
Conc: 24.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



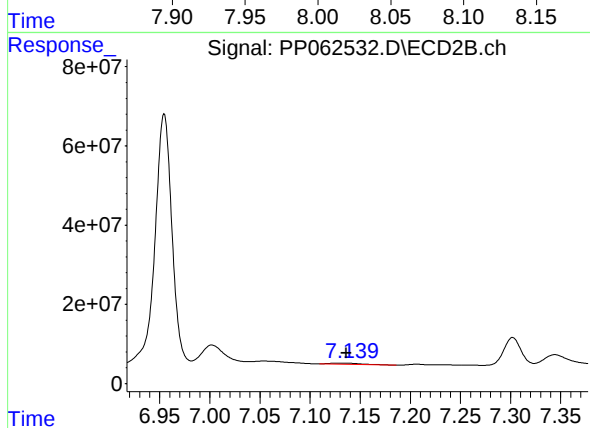
#33 AR-1260-3

R.T.: 6.649 min
Delta R.T.: -0.009 min
Response: 95776638
Conc: 514.87 ng/ml



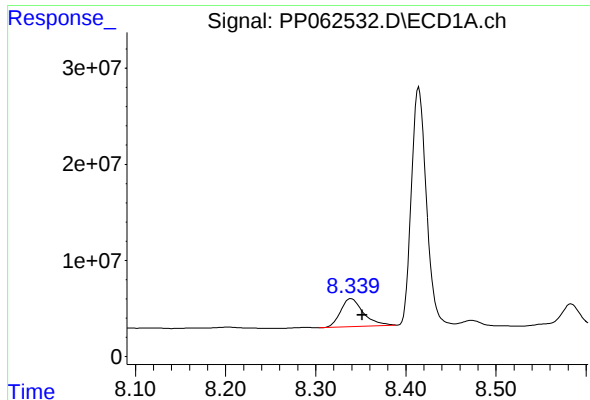
#34 AR-1260-4

R.T.: 8.016 min
Delta R.T.: -0.016 min
Response: 2180201
Conc: 29.27 ng/ml



#34 AR-1260-4

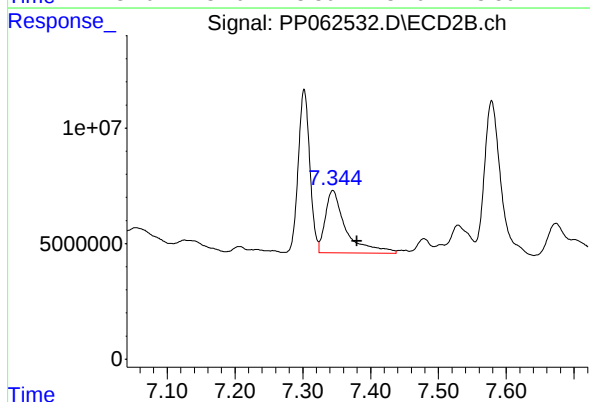
R.T.: 7.125 min
Delta R.T.: -0.011 min
Response: 5952851
Conc: 40.33 ng/ml



#35 AR-1260-5

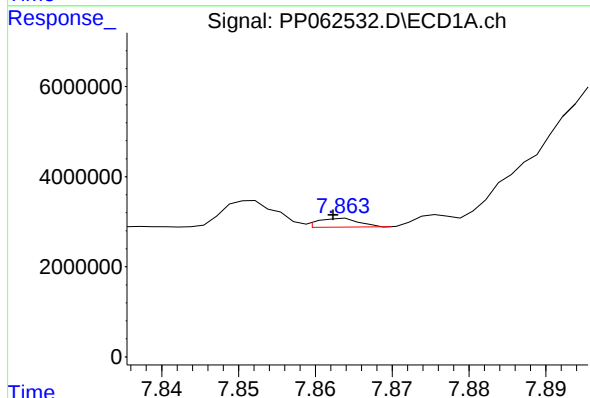
R.T.: 8.339 min
Delta R.T.: -0.012 min
Response: 51685042
Conc: 380.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



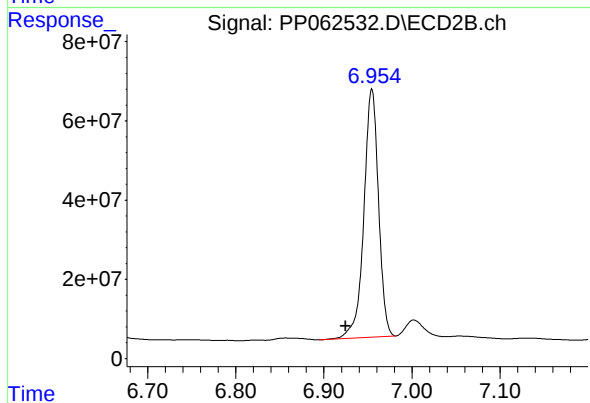
#35 AR-1260-5

R.T.: 7.344 min
Delta R.T.: -0.036 min
Response: 57512190
Conc: 189.46 ng/ml



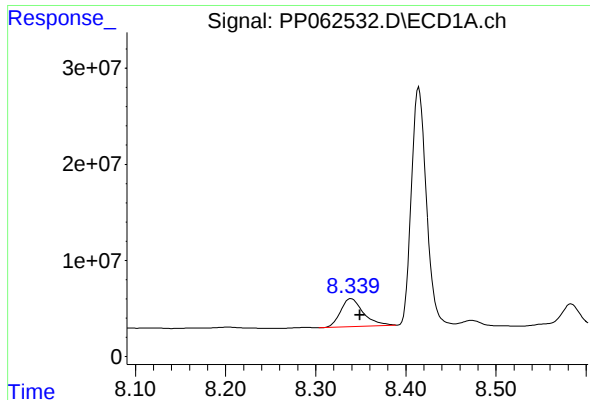
#36 AR-1262-1

R.T.: 7.863 min
Delta R.T.: 0.001 min
Response: 720874
Conc: 17.31 ng/ml



#36 AR-1262-1

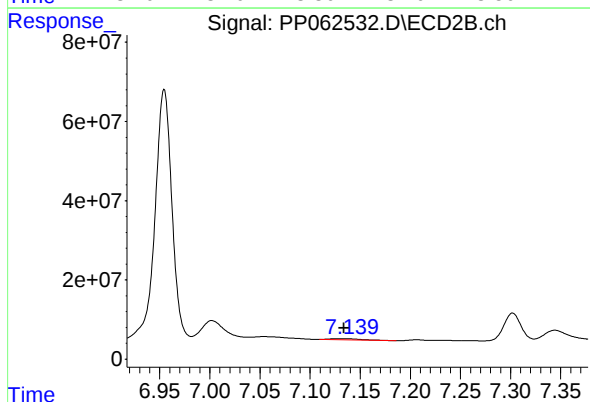
R.T.: 6.955 min
Delta R.T.: 0.030 min
Response: 723044052
Conc: 8053.68 ng/ml



#37 AR-1262-2

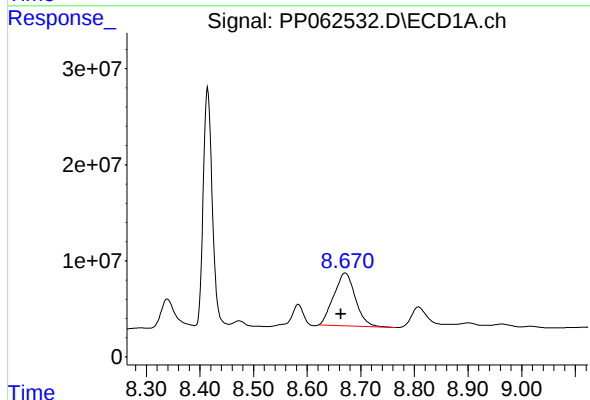
R.T.: 8.339 min
Delta R.T.: -0.010 min
Response: 51685042
Conc: 333.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



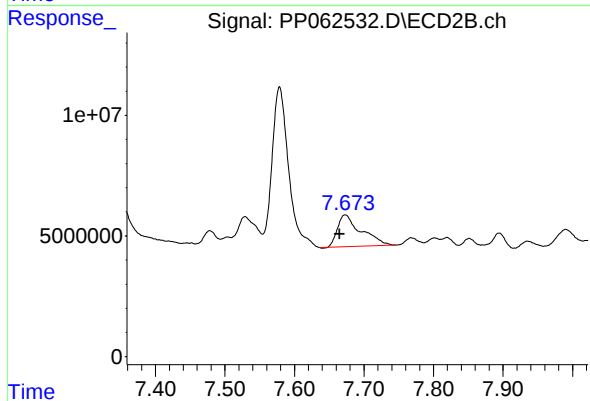
#37 AR-1262-2

R.T.: 7.125 min
Delta R.T.: -0.009 min
Response: 5952851
Conc: 31.56 ng/ml



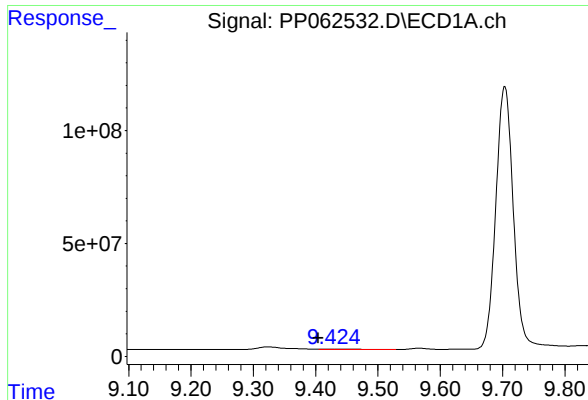
#38 AR-1262-3

R.T.: 8.671 min
Delta R.T.: 0.008 min
Response: 153690820
Conc: 1399.80 ng/ml



#38 AR-1262-3

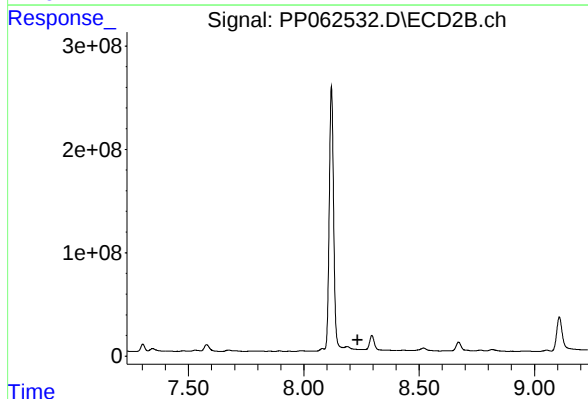
R.T.: 7.673 min
Delta R.T.: 0.009 min
Response: 30784262
Conc: 221.74 ng/ml



#40 AR-1262-5

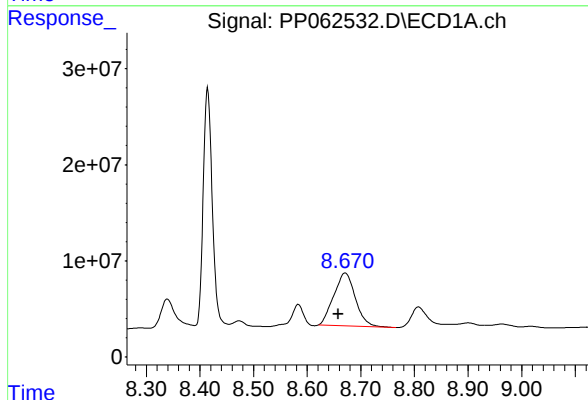
R.T.: 9.425 min
Delta R.T.: 0.020 min
Response: 7167186
Conc: 128.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



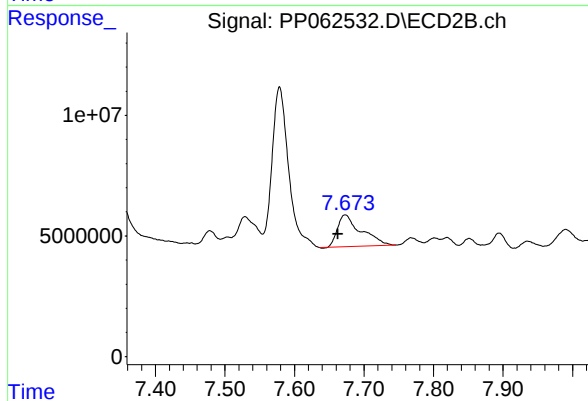
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.232 min
Response: 0
Conc: N.D.



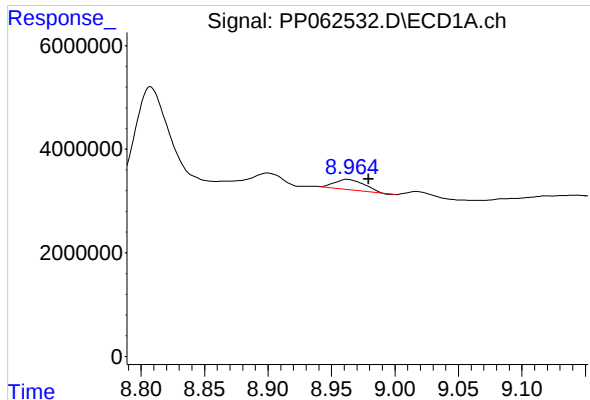
#41 AR-1268-1

R.T.: 8.671 min
Delta R.T.: 0.013 min
Response: 153690820
Conc: 762.40 ng/ml



#41 AR-1268-1

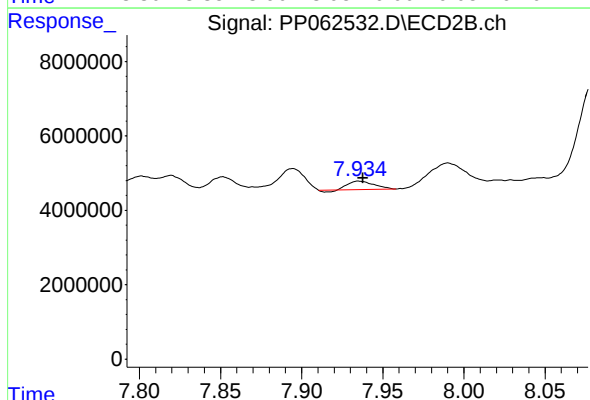
R.T.: 7.673 min
Delta R.T.: 0.011 min
Response: 30784262
Conc: 76.58 ng/ml



#43 AR-1268-3

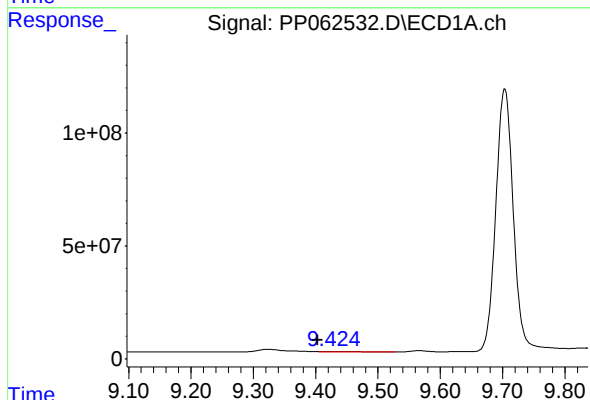
R.T.: 8.963 min
Delta R.T.: -0.016 min
Response: 3171211
Conc: 19.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



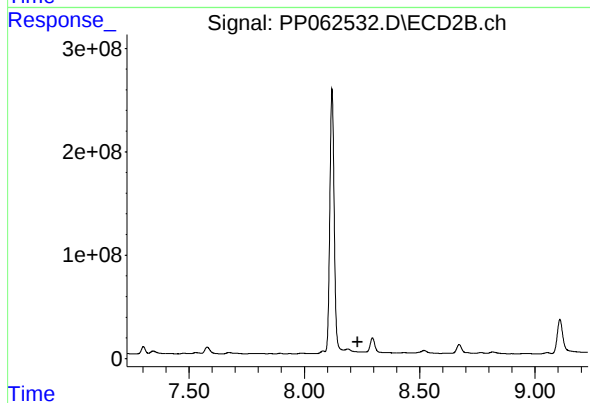
#43 AR-1268-3

R.T.: 7.935 min
Delta R.T.: -0.003 min
Response: 2306632
Conc: 7.21 ng/ml



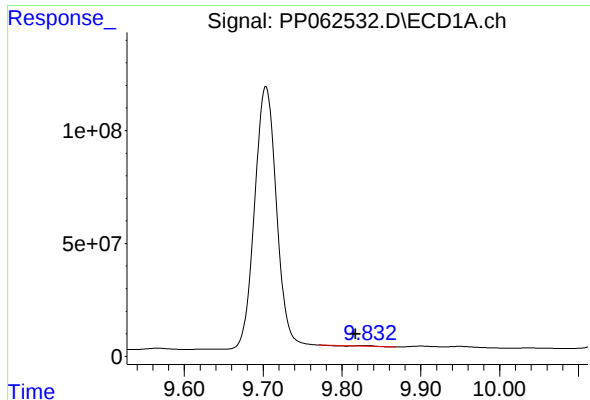
#44 AR-1268-4

R.T.: 9.425 min
Delta R.T.: 0.022 min
Response: 7167186
Conc: 117.95 ng/ml



#44 AR-1268-4

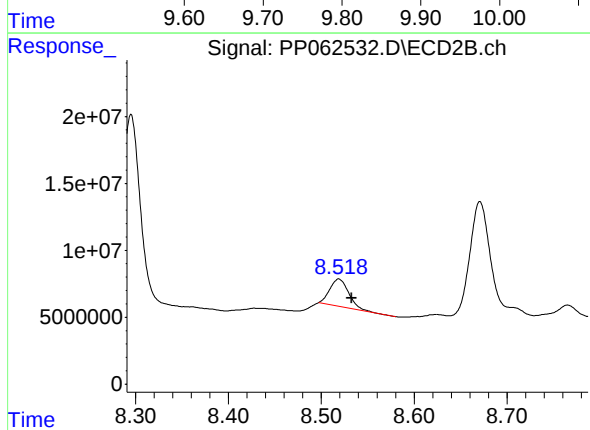
R.T.: 0.000 min
Exp R.T.: 8.231 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.828 min
Delta R.T.: 0.010 min
Response: 3078584
Conc: 6.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.519 min
Delta R.T.: -0.014 min
Response: 28443898
Conc: 34.36 ng/ml