

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060200.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 13:00
 Operator : YP\AJ
 Sample : 04577-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 04:30:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.508	3.665	34760124	25562519	16.709	15.693
2) SA Decachlor...	10.425	8.730	22684343	20964726	14.872	13.846
Target Compounds						
3) L1 AR-1016-1	5.716f	4.762	10564903	145521	156.575	2.421 #
4) L1 AR-1016-2	5.716	4.794	10564903	921153	110.441	11.098 #
5) L1 AR-1016-3	5.769f	4.984	171558	6323029	2.882	140.953 #
6) L1 AR-1016-4	0.000	5.002	0	5300819	N.D.	150.255 #
7) L1 AR-1016-5	6.180	5.218	2917059	1463909	59.329	31.484 #
8) L2 AR-1221-1	4.718	3.887	915280	791467	34.431	36.033
9) L2 AR-1221-2	4.820	3.968	496433	347012	25.221	22.476
12) L3 AR-1232-2	0.000	4.794	0	921153	N.D.	24.982 #
13) L3 AR-1232-3	5.716	4.984	10564903	6323029	244.539	315.780 #
14) L3 AR-1232-4	0.000	5.044	0	1486669	N.D.	81.388 #
15) L3 AR-1232-5	5.973	5.218	6329302	1463909	345.008	73.016 #
16) L4 AR-1242-1	5.716f	4.762	10564903	145521	176.890	2.763 #
17) L4 AR-1242-2	5.716	4.794	10564903	921153	125.717	12.784 #
18) L4 AR-1242-3	5.769f	4.984	171558	6323029	3.280	161.575 #
19) L4 AR-1242-4	0.000	5.044	0	1486669	N.D.	37.935 #
20) L4 AR-1242-5	6.632	5.574	4971547	24494072	108.740	506.285 #
21) L5 AR-1248-1	5.716f	4.762	10564903	145521	236.369	3.724 #
22) L5 AR-1248-2	5.973	5.002	6329302	5300819	97.729	97.831
23) L5 AR-1248-3	6.180	5.044	2917059	1486669	41.188	26.128 #
24) L5 AR-1248-4	6.599	5.218	14826279	1463909	191.692	21.796 #
25) L5 AR-1248-5	6.632	5.613	4971547	1735755	66.076	26.314 #
26) L6 AR-1254-1	6.562	5.574	32187287	24494072	403.166	244.070 #
27) L6 AR-1254-2	6.783	5.722	45666351	31450508	381.277	362.014
28) L6 AR-1254-3	7.156	6.131	48639031	73018021	400.385	520.068 #
29) L6 AR-1254-4	7.443	6.360	29167895	22218318	327.985	263.952
30) L6 AR-1254-5	7.886	6.781	645.4E6	626.7E6	6634.558	5282.945
31) L7 AR-1260-1	7.320	6.262	54355595	57824488	603.023	620.992
32) L7 AR-1260-2	7.577	6.450	105.3E6	68999693	1026.277	629.346 #
33) L7 AR-1260-3	7.943	6.605	41411933	59993777	525.809	583.288
34) L7 AR-1260-4	8.173	7.081	61147453	38829866	682.294	466.235 #
35) L7 AR-1260-5	8.507	7.323	69019770	97879479	404.428	508.721 #
36) L8 AR-1262-1	7.943	6.873f	41411933	24210913	357.822	479.672 #
37) L8 AR-1262-2	8.507	7.081f	69019770	38829866	344.771	343.704
38) L8 AR-1262-3	8.848	7.641	51433970	14147023	357.178	161.396 #
39) L8 AR-1262-4	8.908f	7.672f	33401099	62569452	294.137	383.141 #
40) L8 AR-1262-5	9.621	8.172f	17887419	9957754	239.769	133.405 #
41) L9 AR-1268-1	8.848	7.641	51433970	14147023	205.114	54.337 #
42) L9 AR-1268-2	8.908f	7.672f	33401099	62569452	145.537	270.641 #
43) L9 AR-1268-3	9.171	7.883f	828825	950748	4.201	4.657

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 Misc :
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Instrument :
 ECD_P
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 04:30:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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
44)	L9 AR-1268-4	9.621	8.172f	17887419	9957754	215.961	123.324 #
45)	L9 AR-1268-5	10.063	8.507f	5704117	43265	9.424	0.068 #

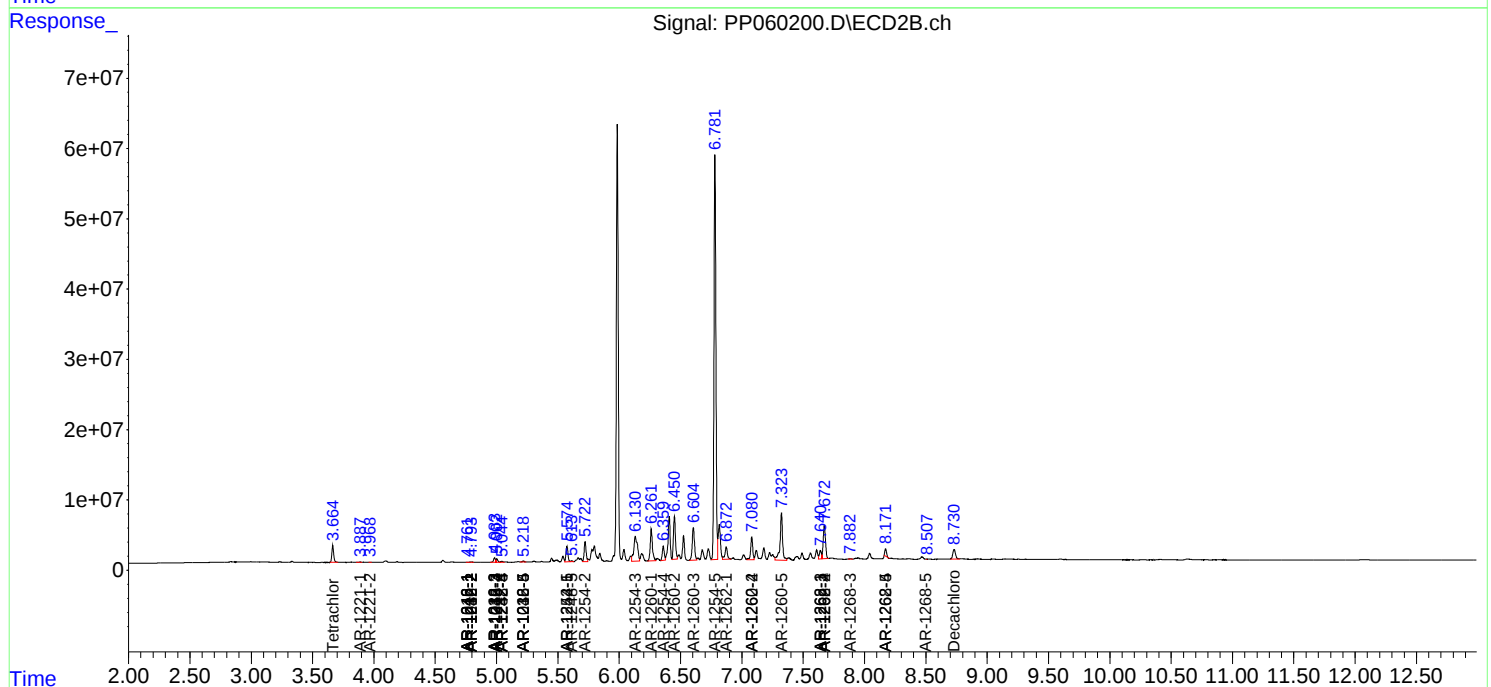
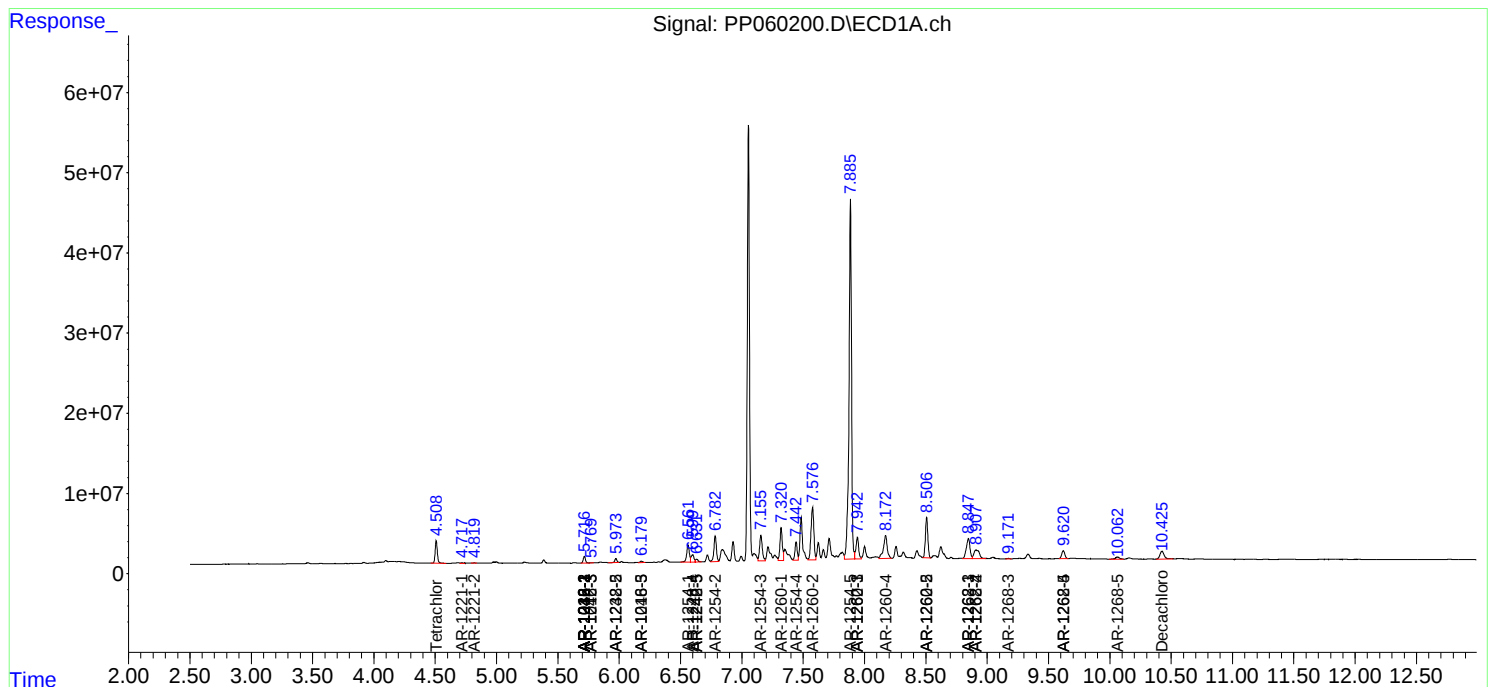
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

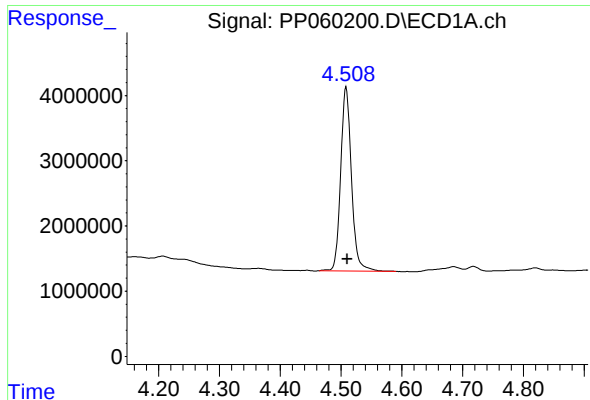
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

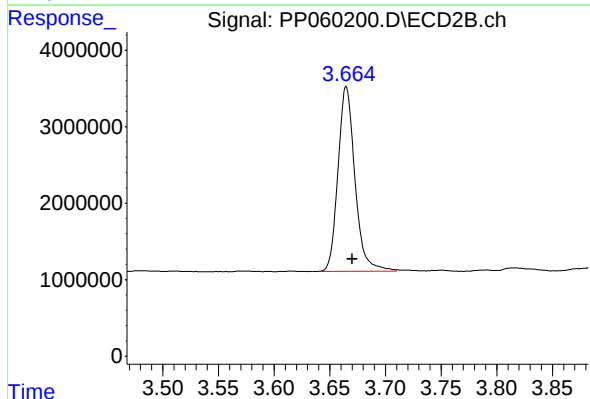




#1 Tetrachloro-m-xylene

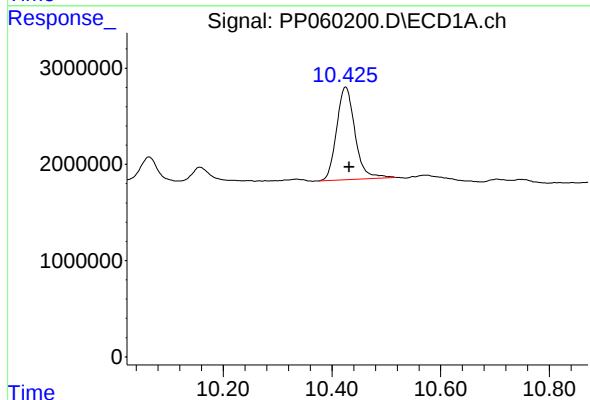
R.T.: 4.508 min
Delta R.T.: -0.002 min
Response: 34760124
Conc: 16.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



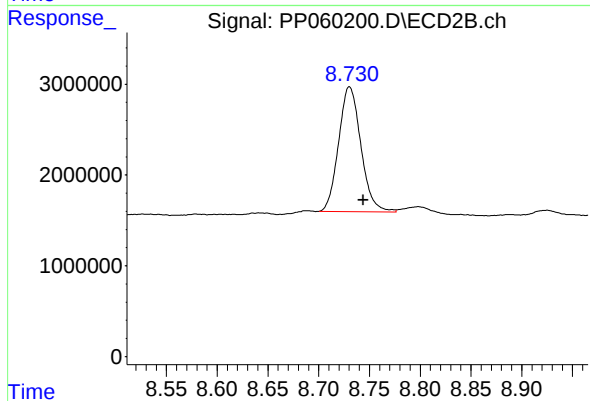
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.005 min
Response: 25562519
Conc: 15.69 ng/ml



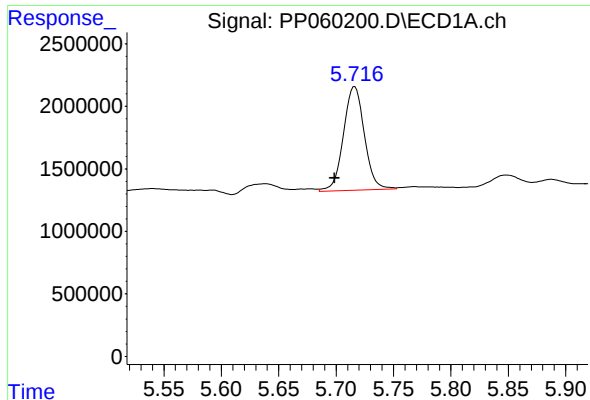
#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: -0.007 min
Response: 22684343
Conc: 14.87 ng/ml



#2 Decachlorobiphenyl

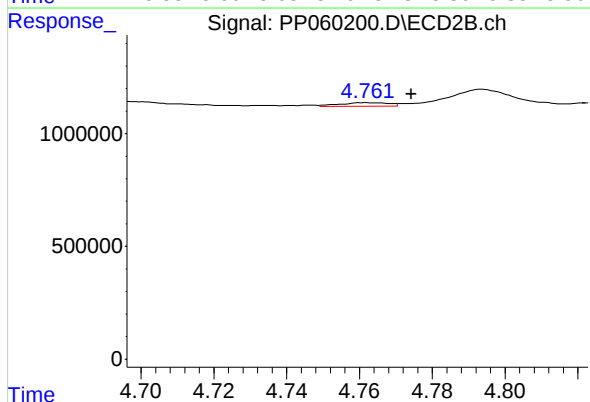
R.T.: 8.730 min
Delta R.T.: -0.014 min
Response: 20964726
Conc: 13.85 ng/ml



#3 AR-1016-1

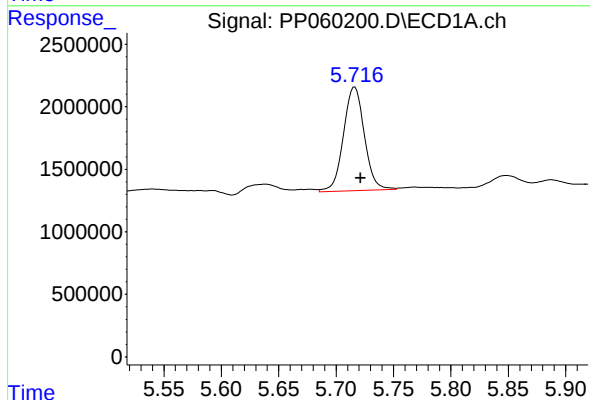
R.T.: 5.716 min
Delta R.T.: 0.017 min
Response: 10564903
Conc: 156.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



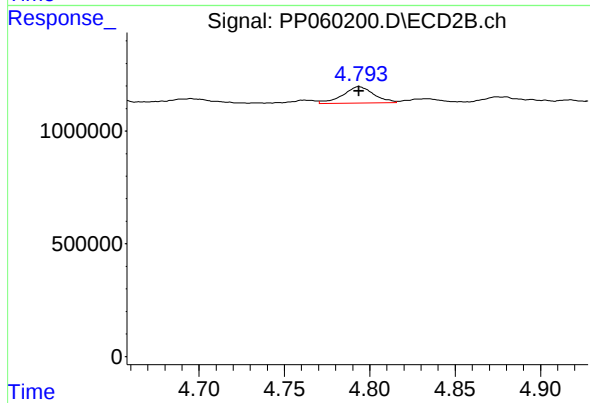
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.012 min
Response: 145521
Conc: 2.42 ng/ml



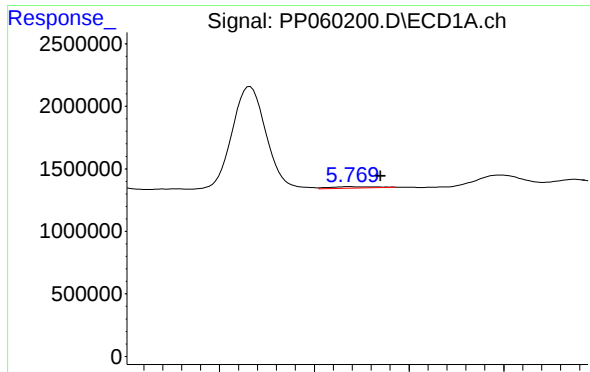
#4 AR-1016-2

R.T.: 5.716 min
Delta R.T.: -0.005 min
Response: 10564903
Conc: 110.44 ng/ml



#4 AR-1016-2

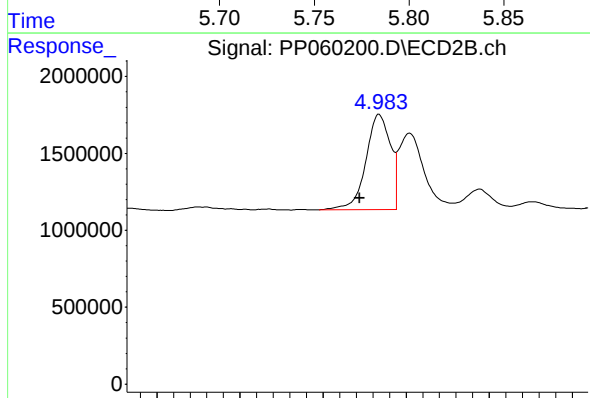
R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 921153
Conc: 11.10 ng/ml



#5 AR-1016-3

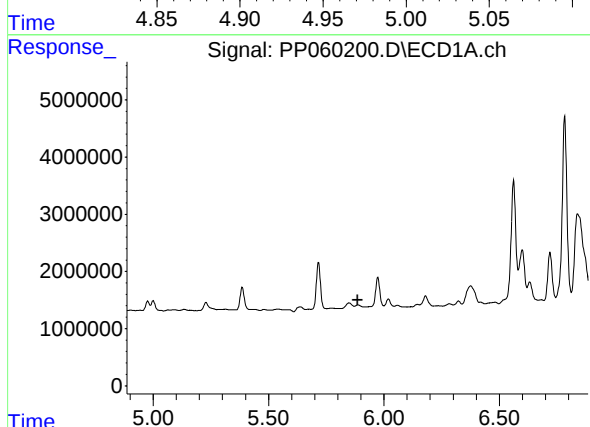
R.T.: 5.769 min
Delta R.T.: -0.016 min
Response: 171558
Conc: 2.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



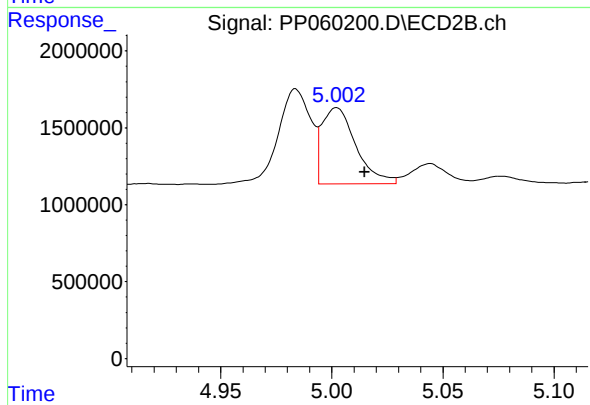
#5 AR-1016-3

R.T.: 4.984 min
Delta R.T.: 0.012 min
Response: 6323029
Conc: 140.95 ng/ml



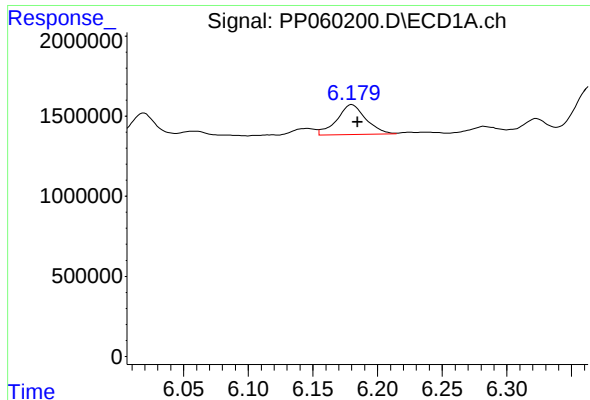
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.



#6 AR-1016-4

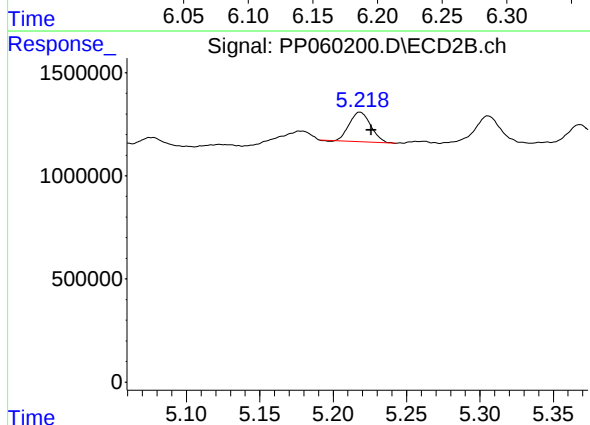
R.T.: 5.002 min
Delta R.T.: -0.012 min
Response: 5300819
Conc: 150.25 ng/ml



#7 AR-1016-5

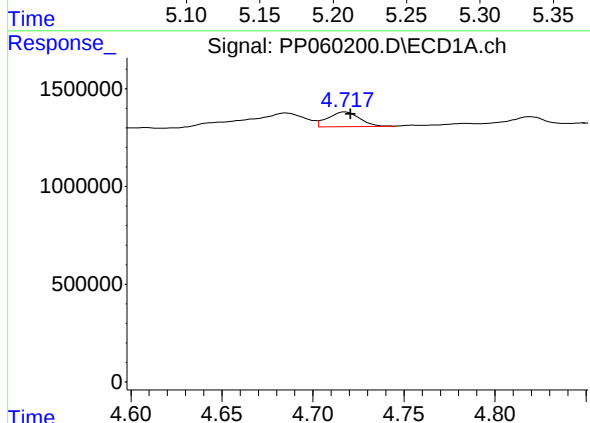
R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 2917059
Conc: 59.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



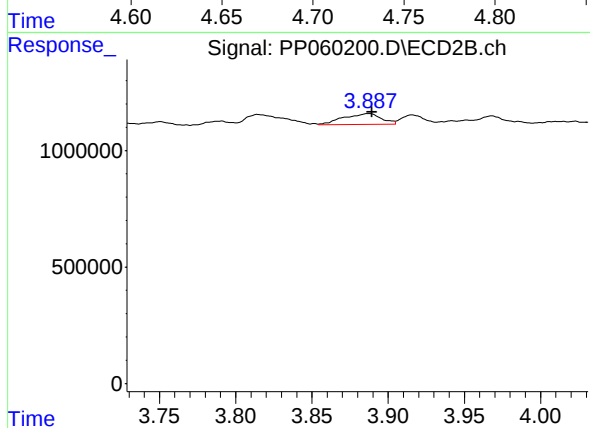
#7 AR-1016-5

R.T.: 5.218 min
Delta R.T.: -0.008 min
Response: 1463909
Conc: 31.48 ng/ml



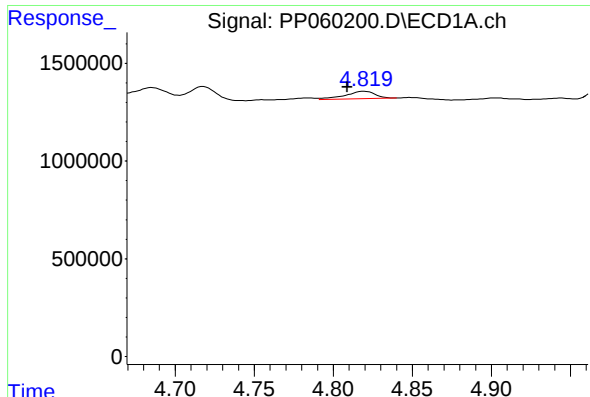
#8 AR-1221-1

R.T.: 4.718 min
Delta R.T.: -0.003 min
Response: 915280
Conc: 34.43 ng/ml



#8 AR-1221-1

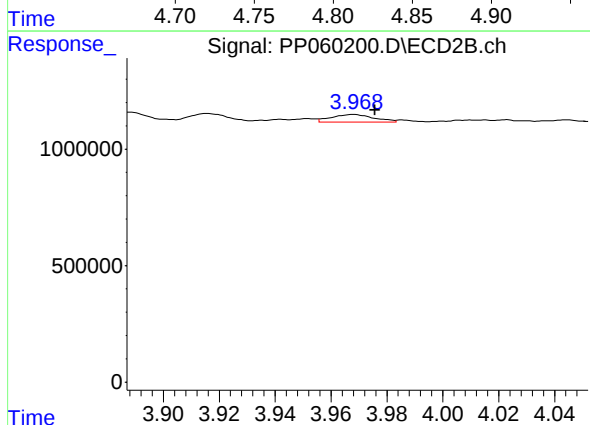
R.T.: 3.887 min
Delta R.T.: -0.002 min
Response: 791467
Conc: 36.03 ng/ml



#9 AR-1221-2

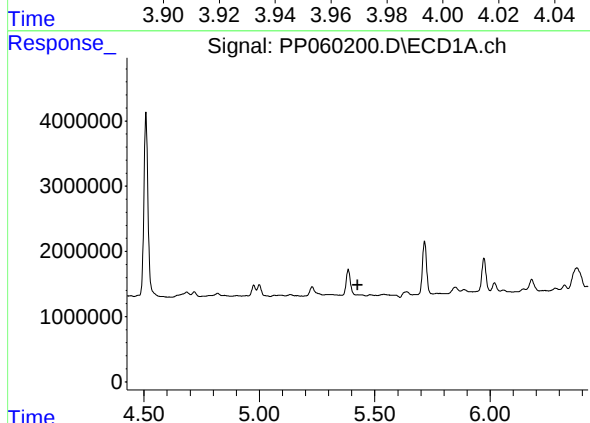
R.T.: 4.820 min
Delta R.T.: 0.011 min
Response: 496433
Conc: 25.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



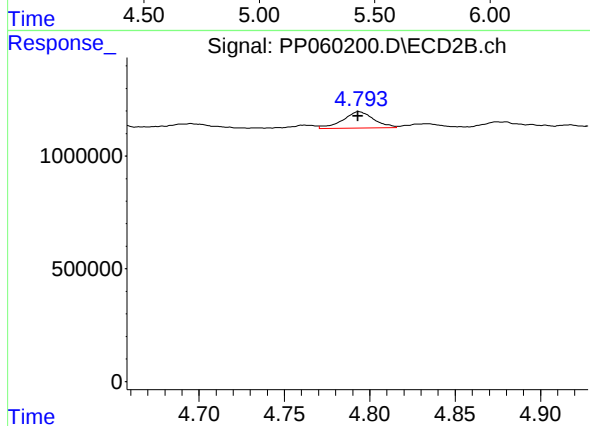
#9 AR-1221-2

R.T.: 3.968 min
Delta R.T.: -0.007 min
Response: 347012
Conc: 22.48 ng/ml



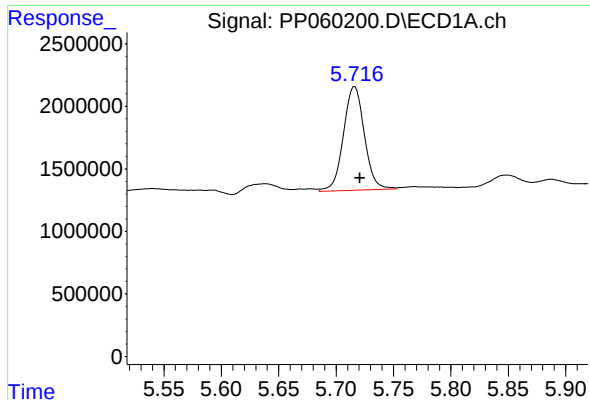
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.426 min
Response: 0
Conc: N.D.



#12 AR-1232-2

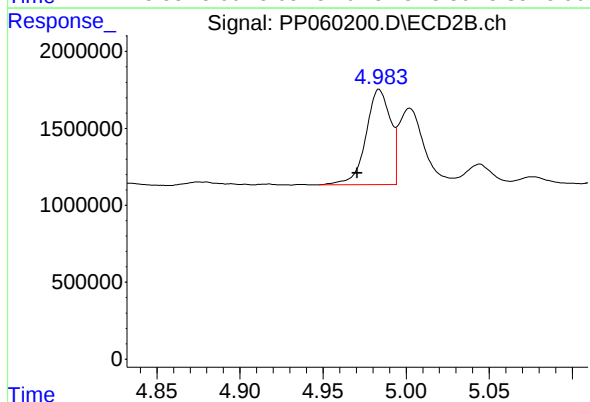
R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 921153
Conc: 24.98 ng/ml



#13 AR-1232-3

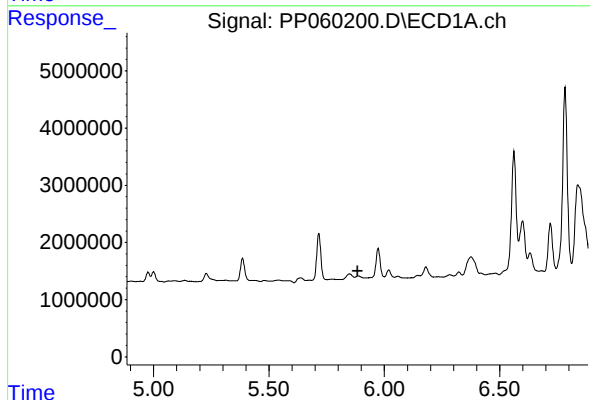
R.T.: 5.716 min
Delta R.T.: -0.005 min
Response: 10564903
Conc: 244.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



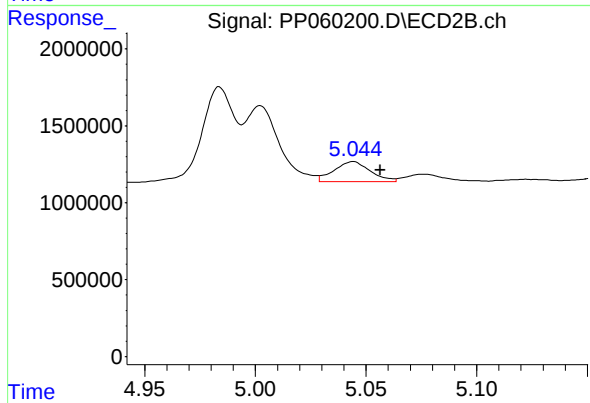
#13 AR-1232-3

R.T.: 4.984 min
Delta R.T.: 0.013 min
Response: 6323029
Conc: 315.78 ng/ml



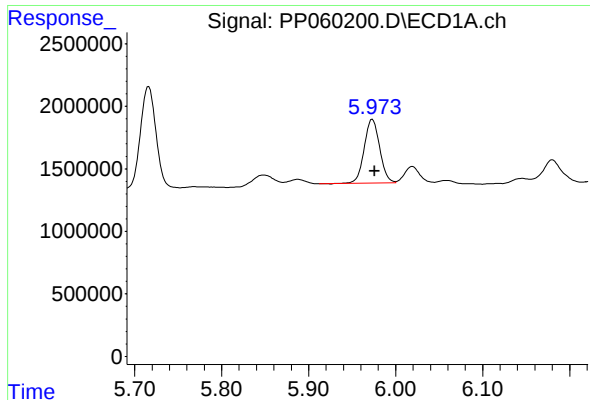
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.884 min
Response: 0
Conc: N.D.



#14 AR-1232-4

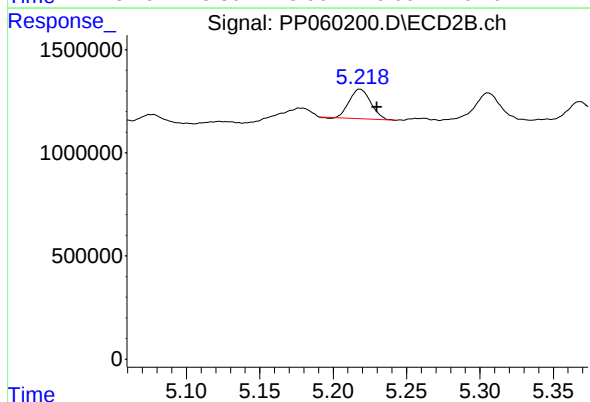
R.T.: 5.044 min
Delta R.T.: -0.012 min
Response: 1486669
Conc: 81.39 ng/ml



#15 AR-1232-5

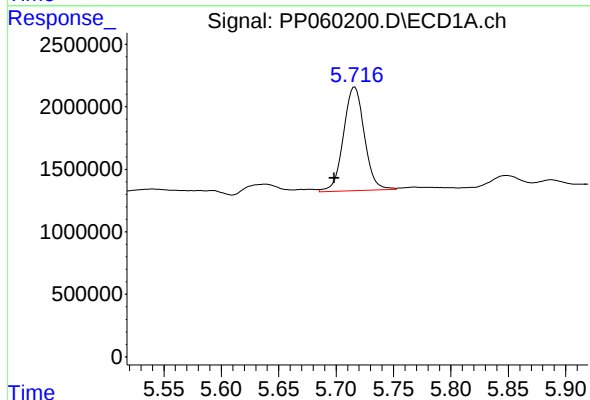
R.T.: 5.973 min
Delta R.T.: -0.003 min
Response: 6329302
Conc: 345.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



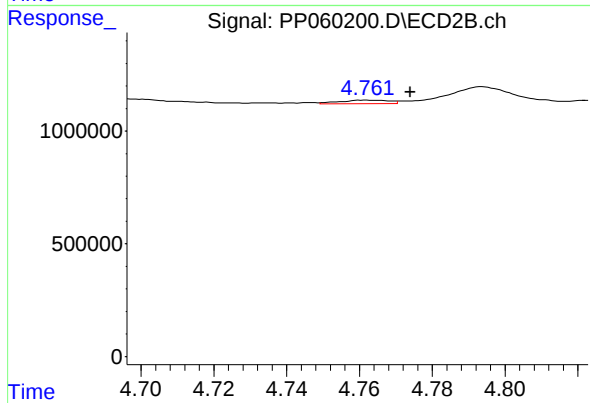
#15 AR-1232-5

R.T.: 5.218 min
Delta R.T.: -0.012 min
Response: 1463909
Conc: 73.02 ng/ml



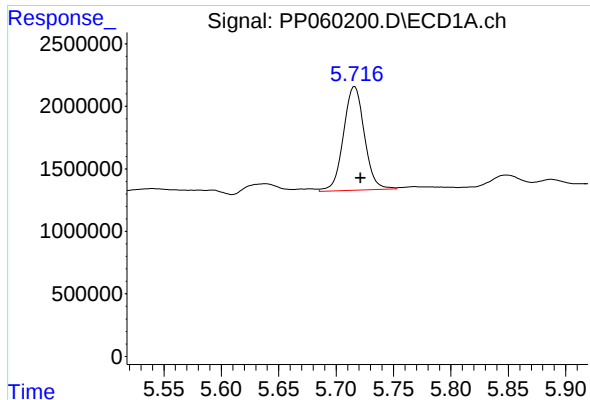
#16 AR-1242-1

R.T.: 5.716 min
Delta R.T.: 0.018 min
Response: 10564903
Conc: 176.89 ng/ml



#16 AR-1242-1

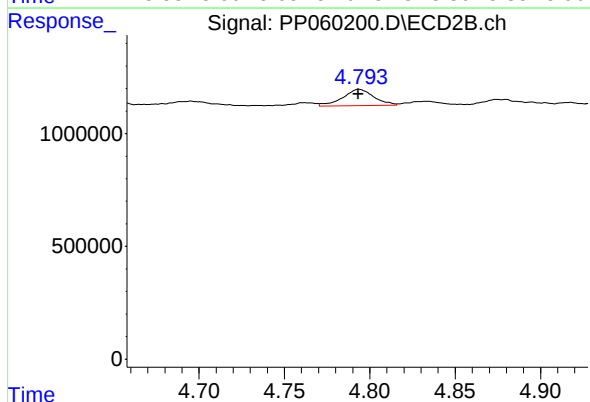
R.T.: 4.762 min
Delta R.T.: -0.012 min
Response: 145521
Conc: 2.76 ng/ml



#17 AR-1242-2

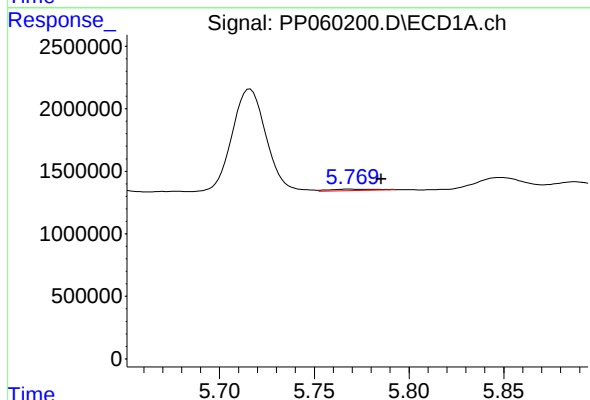
R.T.: 5.716 min
Delta R.T.: -0.005 min
Response: 10564903
Conc: 125.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



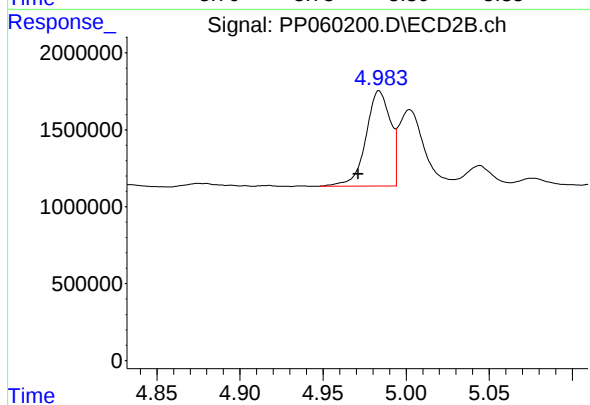
#17 AR-1242-2

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 921153
Conc: 12.78 ng/ml



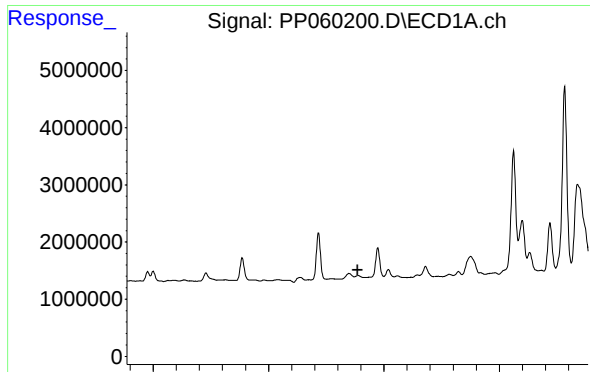
#18 AR-1242-3

R.T.: 5.769 min
Delta R.T.: -0.017 min
Response: 171558
Conc: 3.28 ng/ml



#18 AR-1242-3

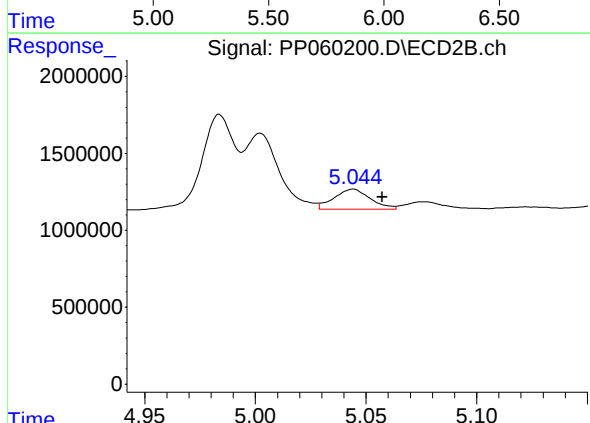
R.T.: 4.984 min
Delta R.T.: 0.012 min
Response: 6323029
Conc: 161.58 ng/ml



#19 AR-1242-4

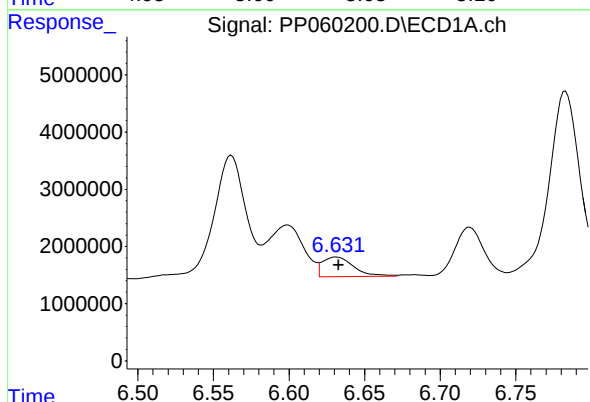
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



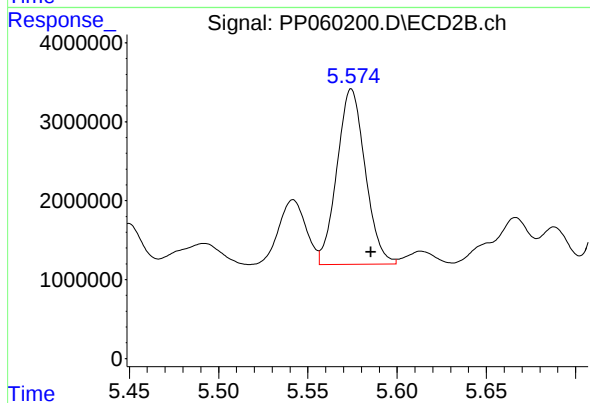
#19 AR-1242-4

R.T.: 5.044 min
Delta R.T.: -0.013 min
Response: 1486669
Conc: 37.94 ng/ml



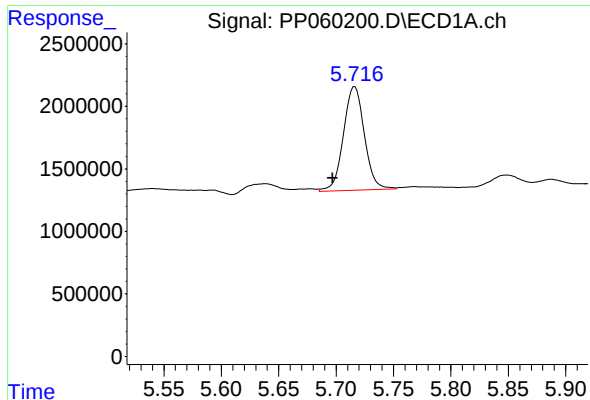
#20 AR-1242-5

R.T.: 6.632 min
Delta R.T.: -0.001 min
Response: 4971547
Conc: 108.74 ng/ml



#20 AR-1242-5

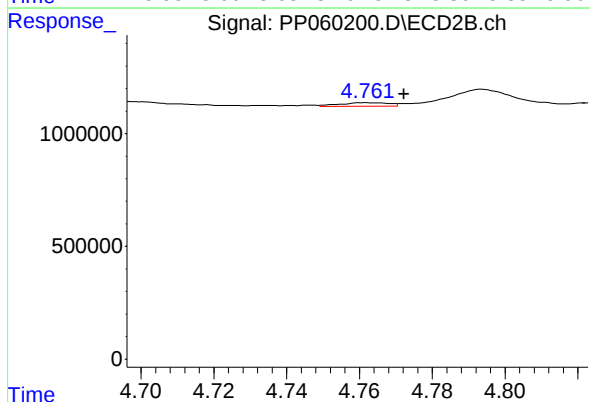
R.T.: 5.574 min
Delta R.T.: -0.011 min
Response: 24494072
Conc: 506.29 ng/ml



#21 AR-1248-1

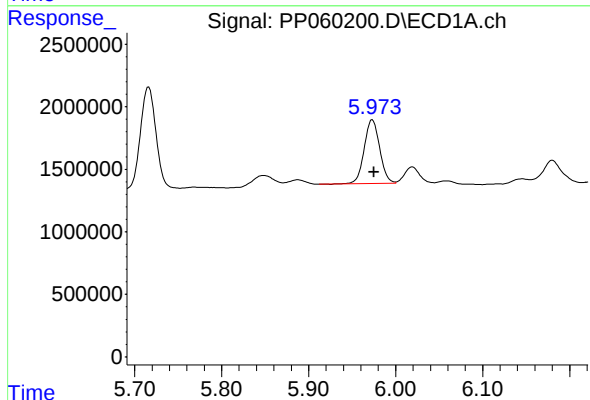
R.T.: 5.716 min
Delta R.T.: 0.019 min
Response: 10564903
Conc: 236.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



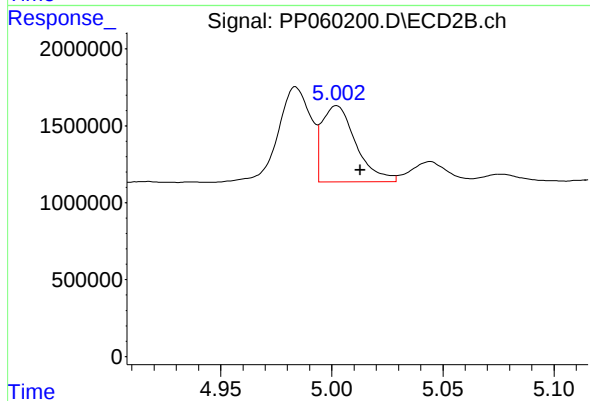
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.010 min
Response: 145521
Conc: 3.72 ng/ml



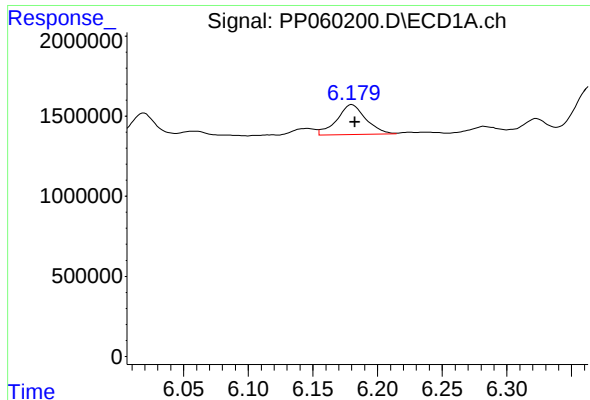
#22 AR-1248-2

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 6329302
Conc: 97.73 ng/ml



#22 AR-1248-2

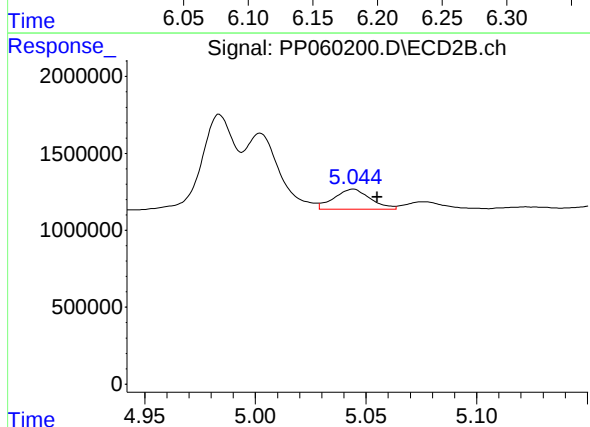
R.T.: 5.002 min
Delta R.T.: -0.011 min
Response: 5300819
Conc: 97.83 ng/ml



#23 AR-1248-3

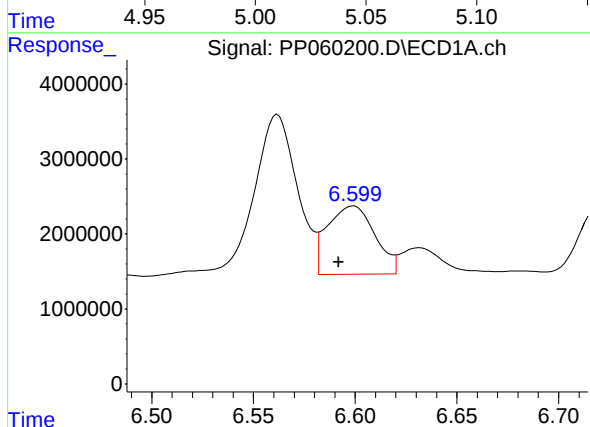
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 2917059
Conc: 41.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



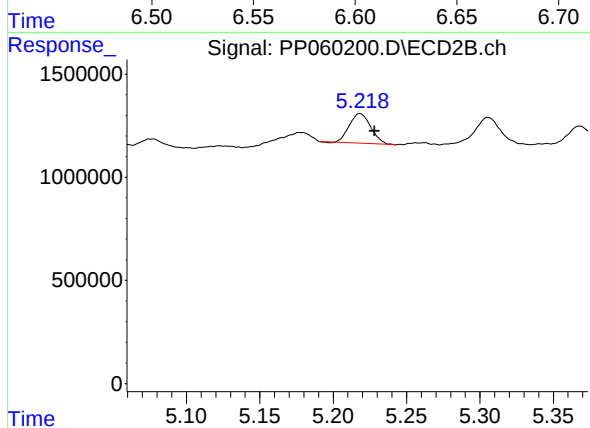
#23 AR-1248-3

R.T.: 5.044 min
Delta R.T.: -0.011 min
Response: 1486669
Conc: 26.13 ng/ml



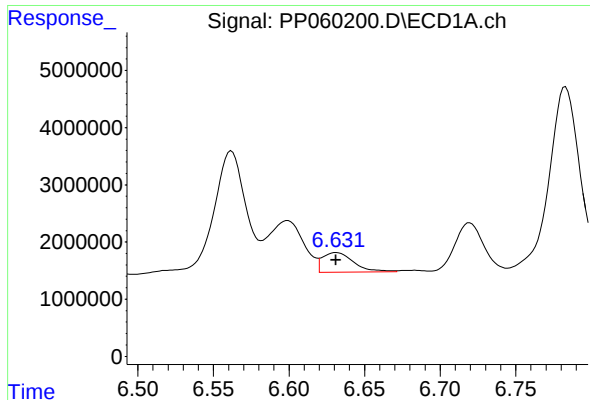
#24 AR-1248-4

R.T.: 6.599 min
Delta R.T.: 0.007 min
Response: 14826279
Conc: 191.69 ng/ml



#24 AR-1248-4

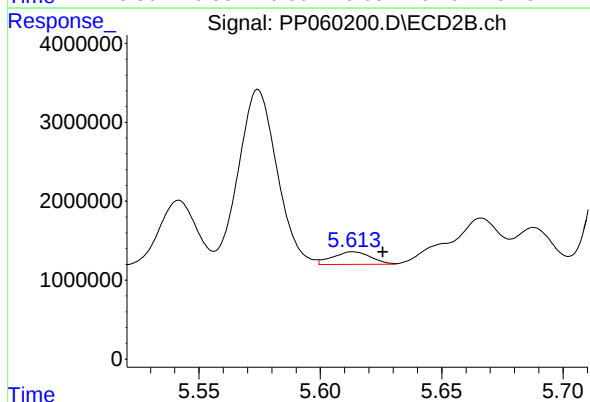
R.T.: 5.218 min
Delta R.T.: -0.010 min
Response: 1463909
Conc: 21.80 ng/ml



#25 AR-1248-5

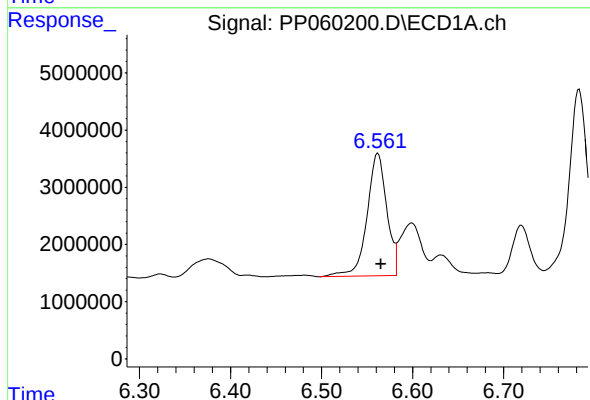
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 4971547
Conc: 66.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



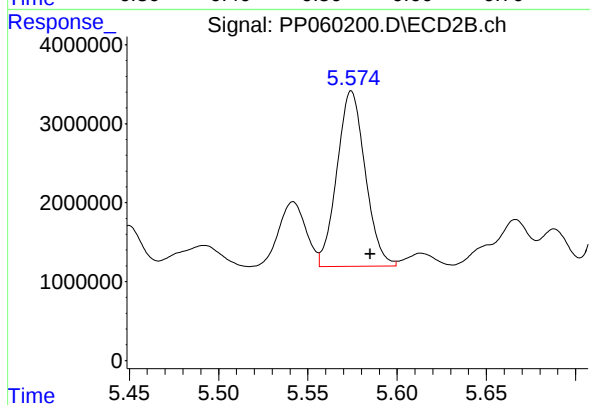
#25 AR-1248-5

R.T.: 5.613 min
Delta R.T.: -0.013 min
Response: 1735755
Conc: 26.31 ng/ml



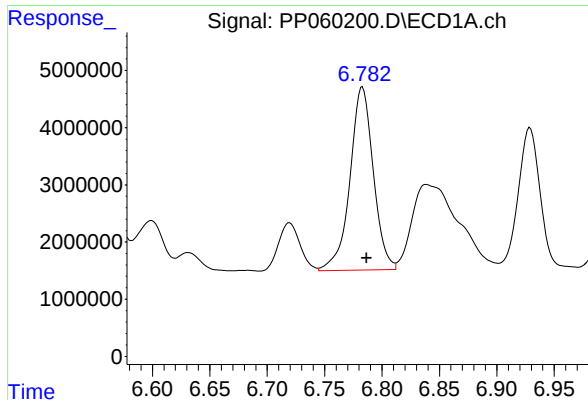
#26 AR-1254-1

R.T.: 6.562 min
Delta R.T.: -0.003 min
Response: 32187287
Conc: 403.17 ng/ml



#26 AR-1254-1

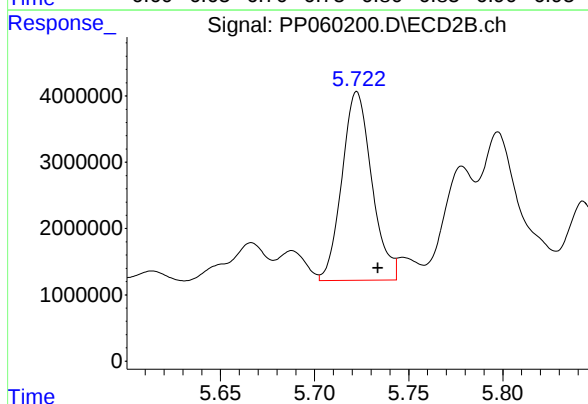
R.T.: 5.574 min
Delta R.T.: -0.011 min
Response: 24494072
Conc: 244.07 ng/ml



#27 AR-1254-2

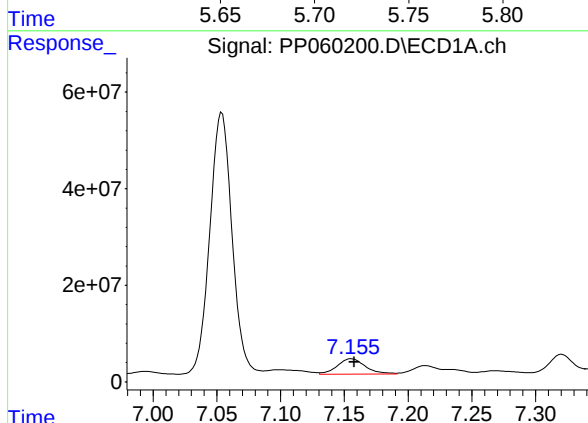
R.T.: 6.783 min
Delta R.T.: -0.004 min
Response: 45666351
Conc: 381.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



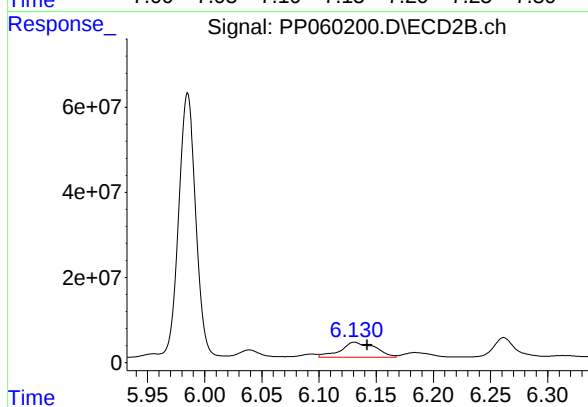
#27 AR-1254-2

R.T.: 5.722 min
Delta R.T.: -0.011 min
Response: 31450508
Conc: 362.01 ng/ml



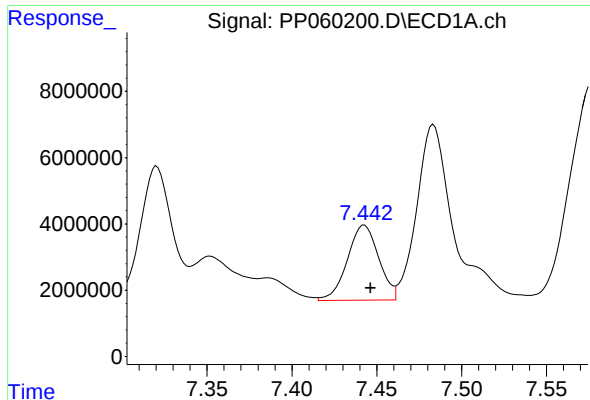
#28 AR-1254-3

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 48639031
Conc: 400.39 ng/ml



#28 AR-1254-3

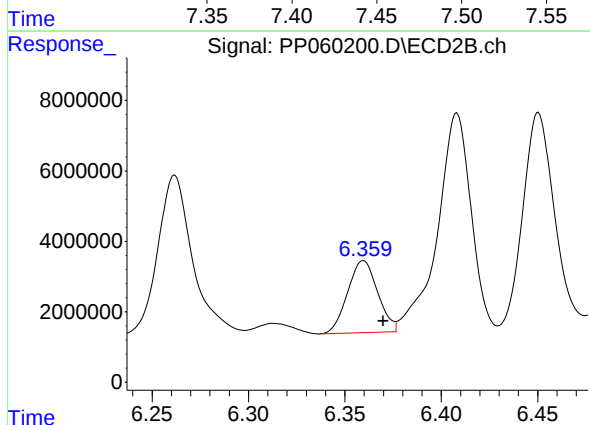
R.T.: 6.131 min
Delta R.T.: -0.011 min
Response: 73018021
Conc: 520.07 ng/ml



#29 AR-1254-4

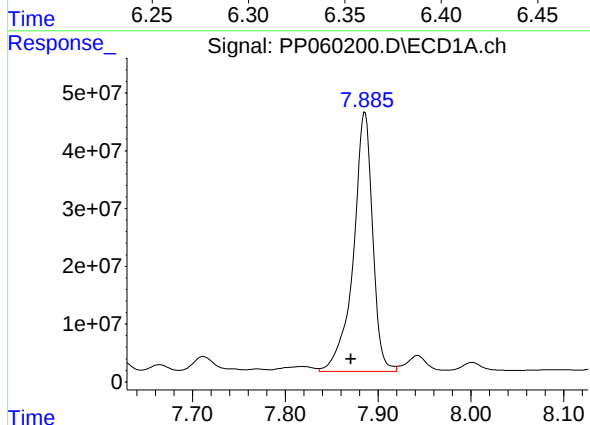
R.T.: 7.443 min
Delta R.T.: -0.004 min
Response: 29167895
Conc: 327.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



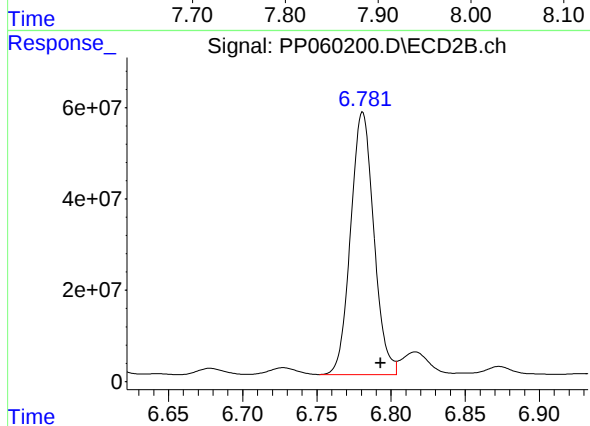
#29 AR-1254-4

R.T.: 6.360 min
Delta R.T.: -0.010 min
Response: 22218318
Conc: 263.95 ng/ml



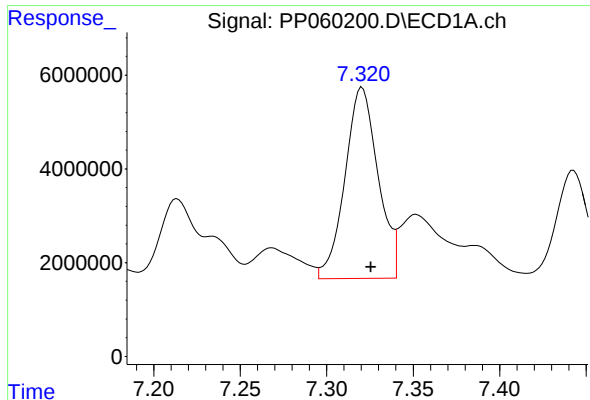
#30 AR-1254-5

R.T.: 7.886 min
Delta R.T.: 0.015 min
Response: 645377745
Conc: 6634.56 ng/ml



#30 AR-1254-5

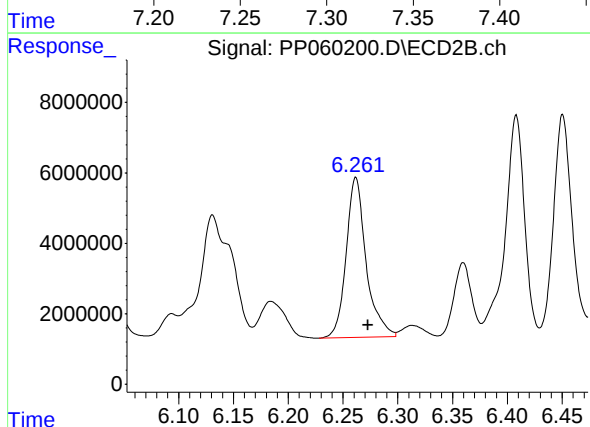
R.T.: 6.781 min
Delta R.T.: -0.012 min
Response: 626650477
Conc: 5282.95 ng/ml



#31 AR-1260-1

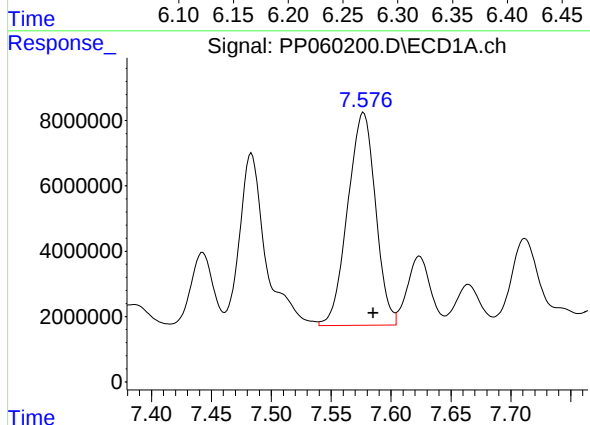
R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 54355595
Conc: 603.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



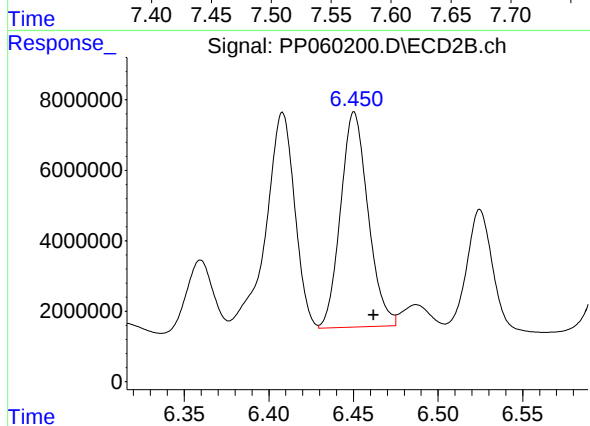
#31 AR-1260-1

R.T.: 6.262 min
Delta R.T.: -0.011 min
Response: 57824488
Conc: 620.99 ng/ml



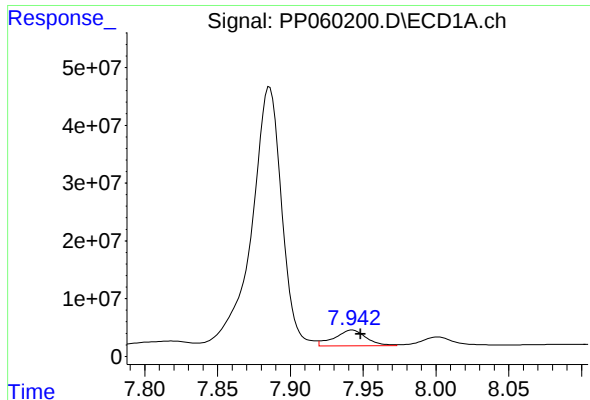
#32 AR-1260-2

R.T.: 7.577 min
Delta R.T.: -0.008 min
Response: 105283519
Conc: 1026.28 ng/ml



#32 AR-1260-2

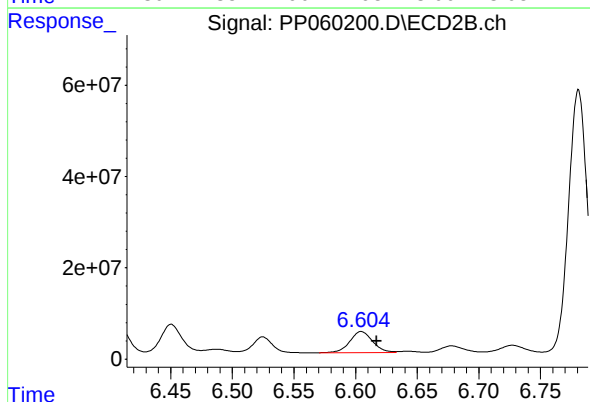
R.T.: 6.450 min
Delta R.T.: -0.012 min
Response: 68999693
Conc: 629.35 ng/ml



#33 AR-1260-3

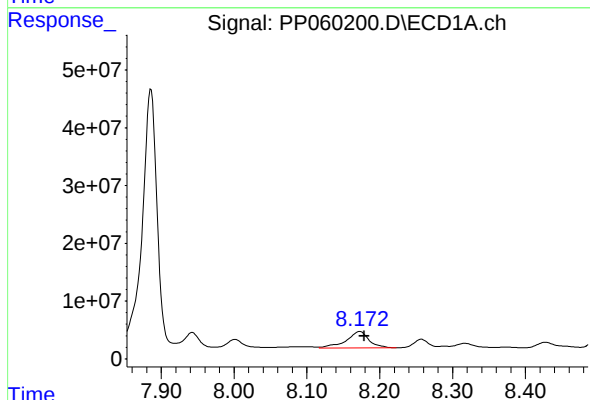
R.T.: 7.943 min
Delta R.T.: -0.006 min
Response: 41411933
Conc: 525.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



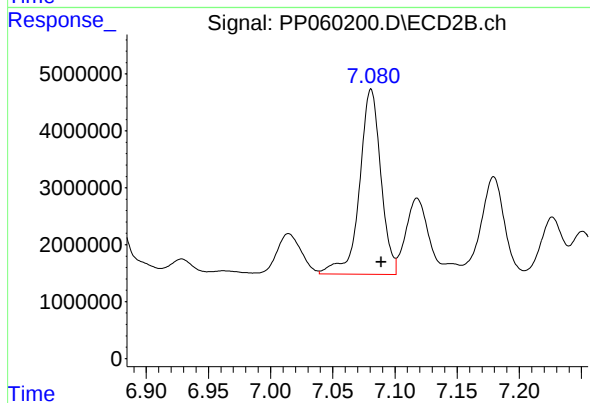
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: -0.012 min
Response: 59993777
Conc: 583.29 ng/ml



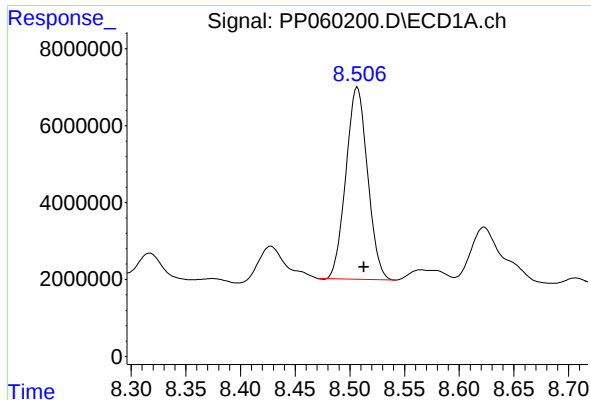
#34 AR-1260-4

R.T.: 8.173 min
Delta R.T.: -0.006 min
Response: 61147453
Conc: 682.29 ng/ml



#34 AR-1260-4

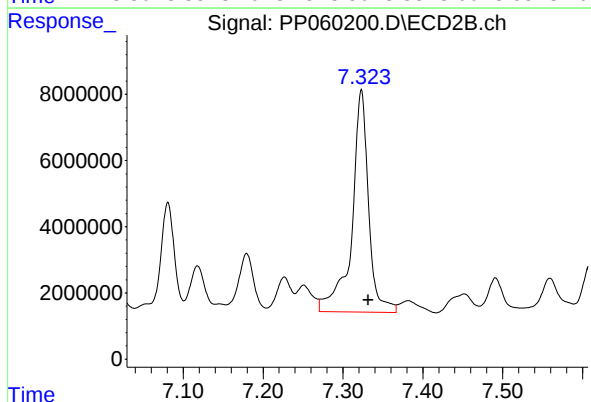
R.T.: 7.081 min
Delta R.T.: -0.008 min
Response: 38829866
Conc: 466.23 ng/ml



#35 AR-1260-5

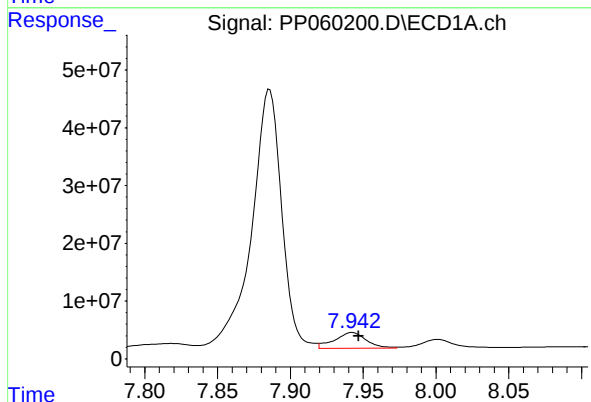
R.T.: 8.507 min
Delta R.T.: -0.006 min
Response: 69019770
Conc: 404.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



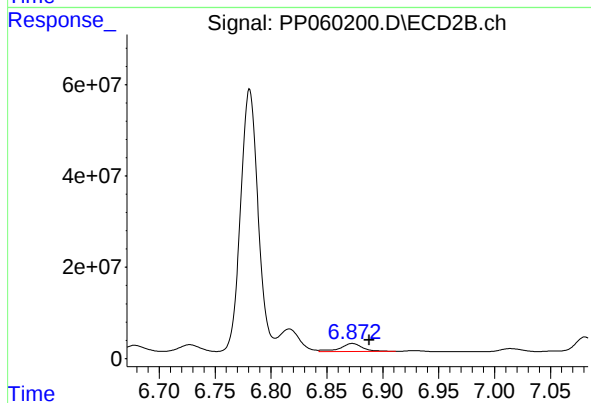
#35 AR-1260-5

R.T.: 7.323 min
Delta R.T.: -0.009 min
Response: 97879479
Conc: 508.72 ng/ml



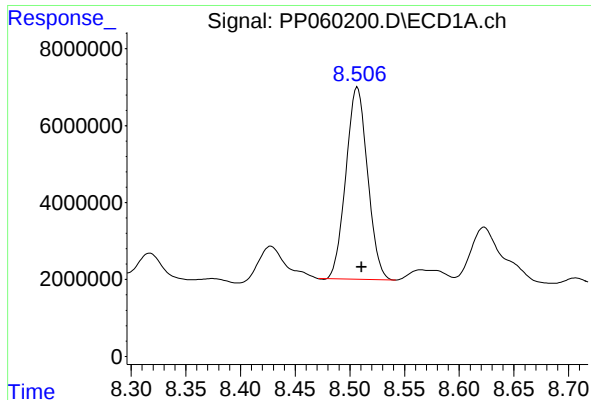
#36 AR-1262-1

R.T.: 7.943 min
Delta R.T.: -0.004 min
Response: 41411933
Conc: 357.82 ng/ml



#36 AR-1262-1

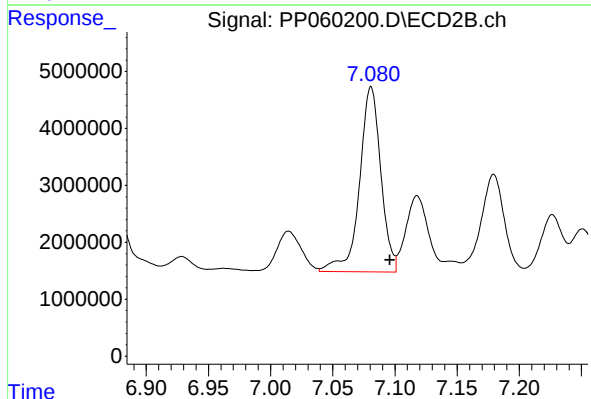
R.T.: 6.873 min
Delta R.T.: -0.015 min
Response: 24210913
Conc: 479.67 ng/ml



#37 AR-1262-2

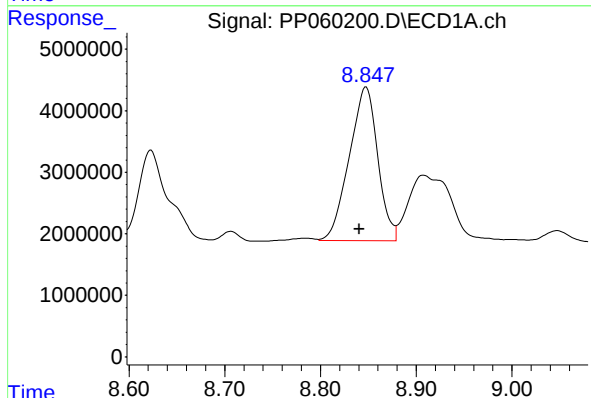
R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 69019770
Conc: 344.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



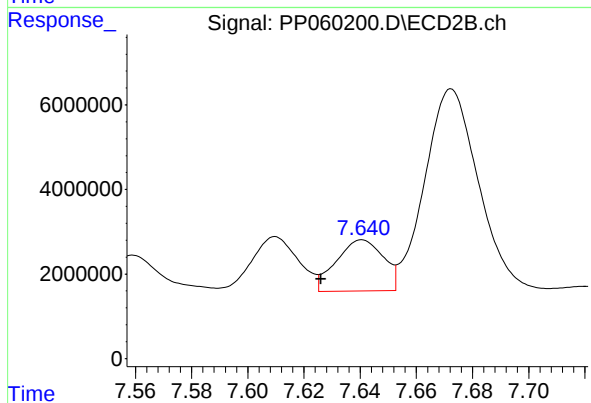
#37 AR-1262-2

R.T.: 7.081 min
Delta R.T.: -0.015 min
Response: 38829866
Conc: 343.70 ng/ml



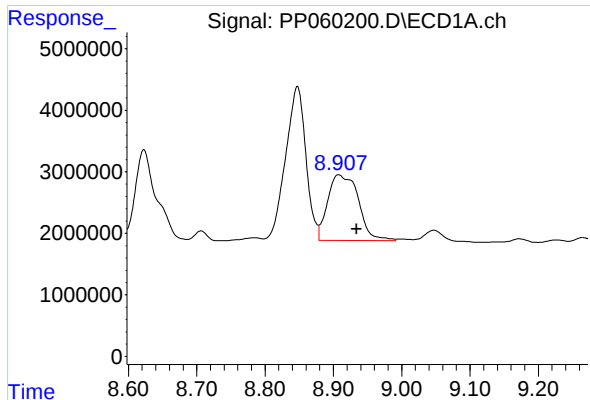
#38 AR-1262-3

R.T.: 8.848 min
Delta R.T.: 0.007 min
Response: 51433970
Conc: 357.18 ng/ml



#38 AR-1262-3

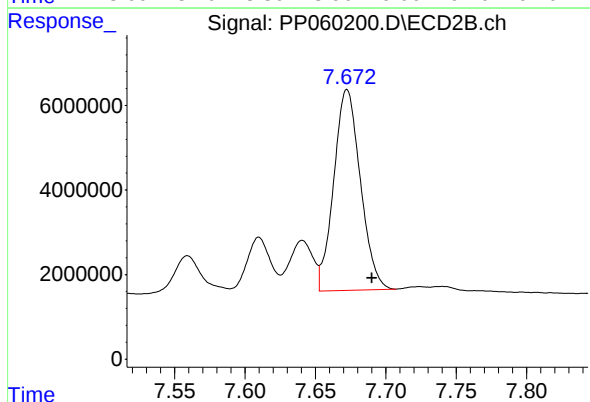
R.T.: 7.641 min
Delta R.T.: 0.015 min
Response: 14147023
Conc: 161.40 ng/ml



#39 AR-1262-4

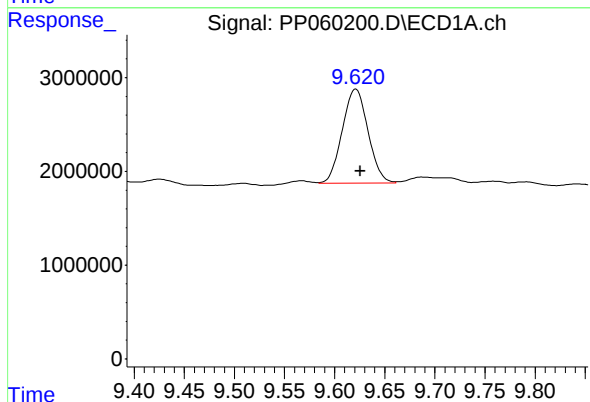
R.T.: 8.908 min
Delta R.T.: -0.026 min
Response: 33401099
Conc: 294.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



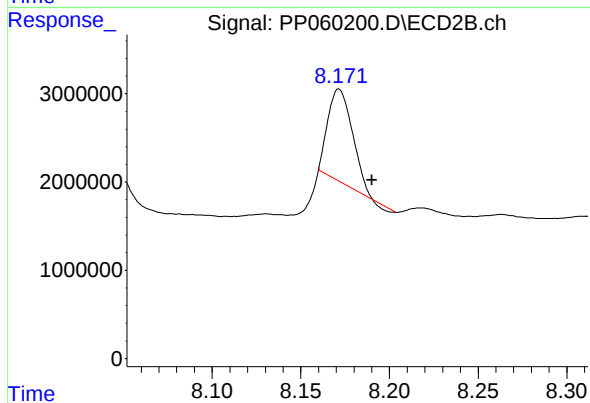
#39 AR-1262-4

R.T.: 7.672 min
Delta R.T.: -0.018 min
Response: 62569452
Conc: 383.14 ng/ml



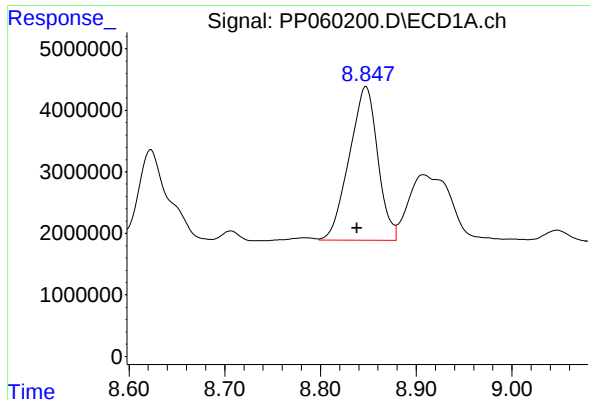
#40 AR-1262-5

R.T.: 9.621 min
Delta R.T.: -0.005 min
Response: 17887419
Conc: 239.77 ng/ml



#40 AR-1262-5

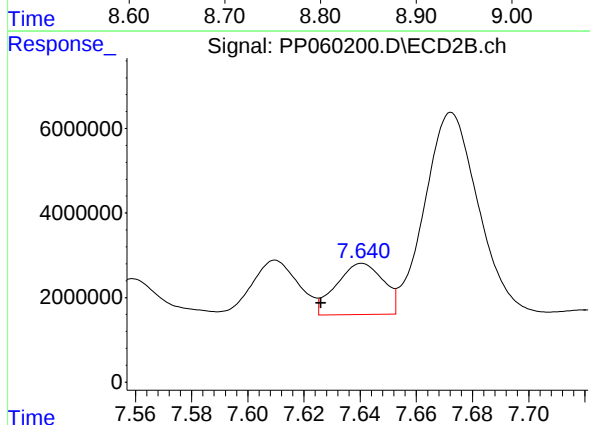
R.T.: 8.172 min
Delta R.T.: -0.019 min
Response: 9957754
Conc: 133.40 ng/ml



#41 AR-1268-1

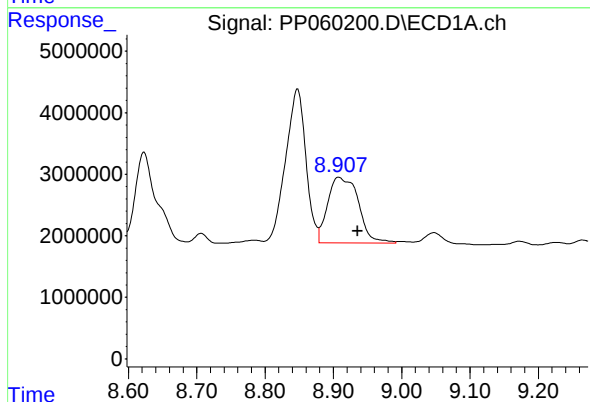
R.T.: 8.848 min
Delta R.T.: 0.010 min
Response: 51433970
Conc: 205.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



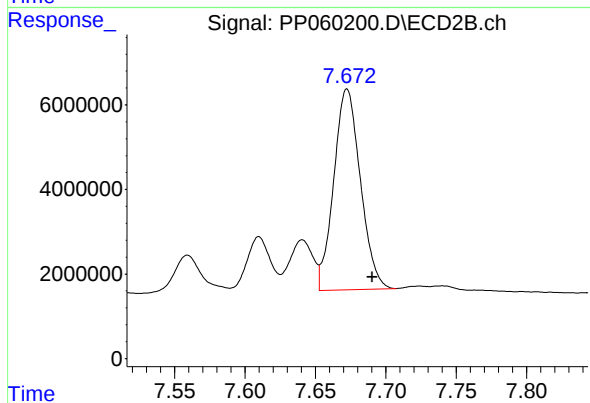
#41 AR-1268-1

R.T.: 7.641 min
Delta R.T.: 0.015 min
Response: 14147023
Conc: 54.34 ng/ml



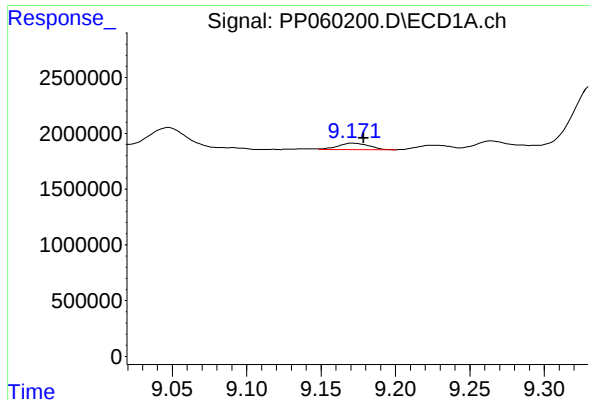
#42 AR-1268-2

R.T.: 8.908 min
Delta R.T.: -0.028 min
Response: 33401099
Conc: 145.54 ng/ml



#42 AR-1268-2

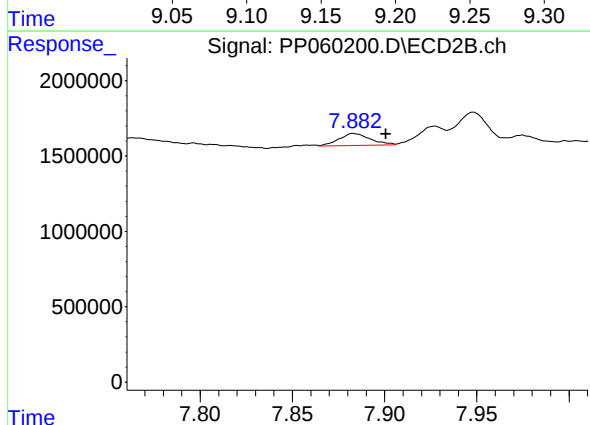
R.T.: 7.672 min
Delta R.T.: -0.018 min
Response: 62569452
Conc: 270.64 ng/ml



#43 AR-1268-3

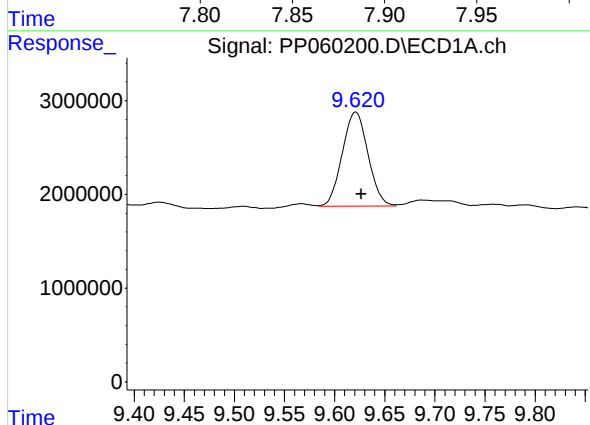
R.T.: 9.171 min
Delta R.T.: -0.007 min
Response: 828825
Conc: 4.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



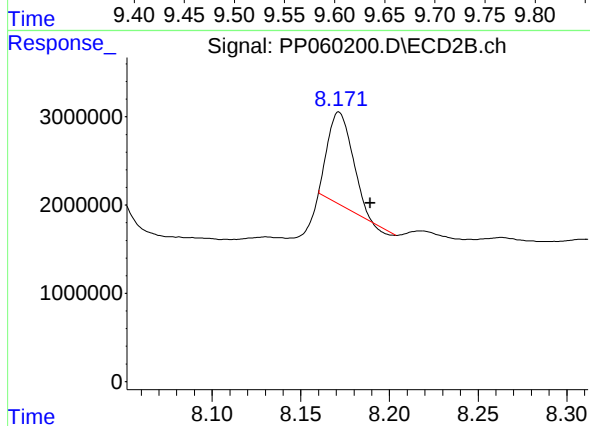
#43 AR-1268-3

R.T.: 7.883 min
Delta R.T.: -0.017 min
Response: 950748
Conc: 4.66 ng/ml



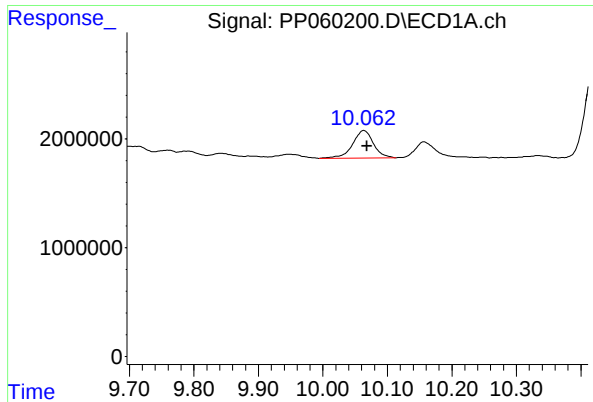
#44 AR-1268-4

R.T.: 9.621 min
Delta R.T.: -0.006 min
Response: 17887419
Conc: 215.96 ng/ml



#44 AR-1268-4

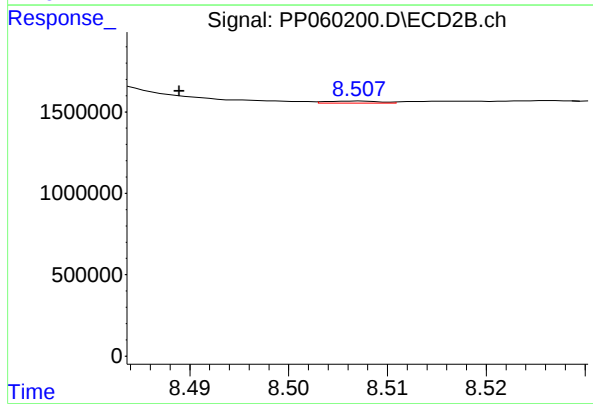
R.T.: 8.172 min
Delta R.T.: -0.018 min
Response: 9957754
Conc: 123.32 ng/ml



#45 AR-1268-5

R.T.: 10.063 min
Delta R.T.: -0.005 min
Response: 5704117
Conc: 9.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.507 min
Delta R.T.: 0.018 min
Response: 43265
Conc: 0.07 ng/ml