

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092523\
 Data File : PP060195.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2023 11:38
 Operator : YP\AJ
 Sample : 04577-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 00:23:55 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...	4.509	3.664	28198887	20450787	13.555	12.555
2) SA Decachlor...	10.426	8.730	16319660	16887874	10.699	11.153
Target Compounds						
3) L1 AR-1016-1	5.723f	4.791f	464545	860385	6.885	14.312 #
4) L1 AR-1016-2	5.723	4.791	464545	860385	4.856	10.366 #
5) L1 AR-1016-3	5.765f	4.966	286700	260443	4.817	5.806
6) L1 AR-1016-4	0.000	5.003	0	1679860	N.D.	47.617 #
7) L1 AR-1016-5	6.181	5.216f	1453980	470430	29.572	10.118 #
8) L2 AR-1221-1	4.719	3.887	4828756	327880	181.647	14.927 #
9) L2 AR-1221-2	4.820	3.968	537675	411557	27.317	26.657
10) L2 AR-1221-3	4.902f	4.043	565024	345920	9.892	7.375 #
11) L3 AR-1232-1	4.902f	4.043	565024	345920	12.111	9.100
12) L3 AR-1232-2	0.000	4.791	0	860385	N.D.	23.334 #
13) L3 AR-1232-3	5.723	4.966	464545	260443	10.753	13.007
14) L3 AR-1232-4	0.000	5.043	0	454756	N.D.	24.896 #
15) L3 AR-1232-5	5.974	5.216	1686582	470430	91.935	23.464 #
16) L4 AR-1242-1	5.723f	4.791f	464545	860385	7.778	16.338 #
17) L4 AR-1242-2	5.723	4.791	464545	860385	5.528	11.940 #
18) L4 AR-1242-3	5.765f	4.966	286700	260443	5.482	6.655
19) L4 AR-1242-4	0.000	5.043	0	454756	N.D.	11.604 #
20) L4 AR-1242-5	6.631	5.574	2697065	9020896	58.992	186.459 #
21) L5 AR-1248-1	5.723f	4.791f	464545	860385	10.393	22.020 #
22) L5 AR-1248-2	5.974	5.003	1686582	1679860	26.042	31.003
23) L5 AR-1248-3	6.181	5.043	1453980	454756	20.530	7.992 #
24) L5 AR-1248-4	6.601	5.216	11978886	470430	154.878	7.004 #
25) L5 AR-1248-5	6.631	5.611	2697065	1114501	35.846	16.896 #
26) L6 AR-1254-1	6.560	5.574	16726616	9020896	209.511	89.888 #
27) L6 AR-1254-2	6.784	5.723	18237946	11416857	152.272	131.415
28) L6 AR-1254-3	7.155	6.130	25330105	29669779	208.512	211.322
29) L6 AR-1254-4	7.442	6.359	14264601	11450944	160.401	136.036
30) L6 AR-1254-5	7.886	6.781	319.8E6	309.1E6	3287.403	2605.710
31) L7 AR-1260-1	7.320	6.262	19117369	22078111	212.089	237.102
32) L7 AR-1260-2	7.577	6.452	48927176	30410106	476.930	277.371 #
33) L7 AR-1260-3	7.942	6.605	16573588	21516594	210.436	209.195
34) L7 AR-1260-4	8.171	7.081	27233452	15852519	303.876	190.343 #
35) L7 AR-1260-5	8.506	7.324	24727836	41151140	144.895	213.880 #
36) L8 AR-1262-1	7.942	6.873	16573588	7953034	143.205	157.567
37) L8 AR-1262-2	8.506	7.081f	24727836	15852519	123.522	140.319
38) L8 AR-1262-3	8.845	7.610f	22378963	10049520	155.409	114.650 #
39) L8 AR-1262-4	8.928	7.673f	16011833	27289681	141.003	167.107
40) L8 AR-1262-5	9.621	8.173f	7590084	4827675	101.740	64.677 #
41) L9 AR-1268-1	8.845	7.610f	22378963	10049520	89.245	38.599 #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

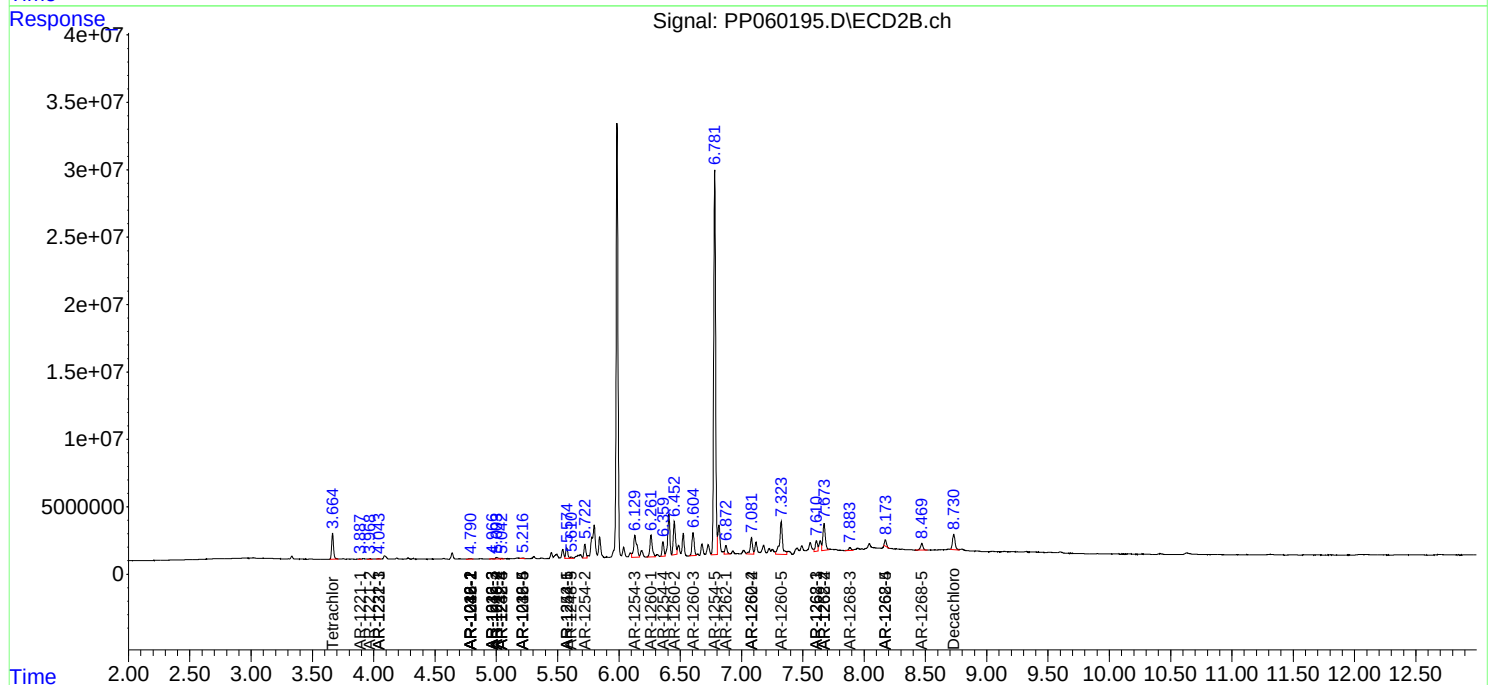
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

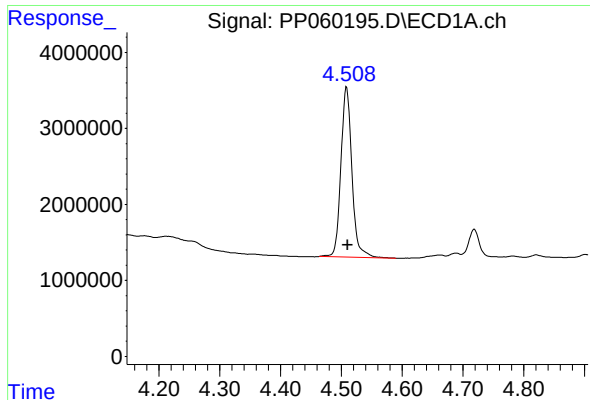
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.928	7.673f	16011833	27289681	69.768	118.040 #
43) L9	AR-1268-3	9.173	7.884f	2231736	3182204	11.311	15.586 #
44) L9	AR-1268-4	9.621	8.173f	7590084	4827675	91.638	59.790 #
45) L9	AR-1268-5	10.062	8.470f	6774477	7063342	11.193	11.182

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

Instrument :
ECD_P
ClientSampleId :

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

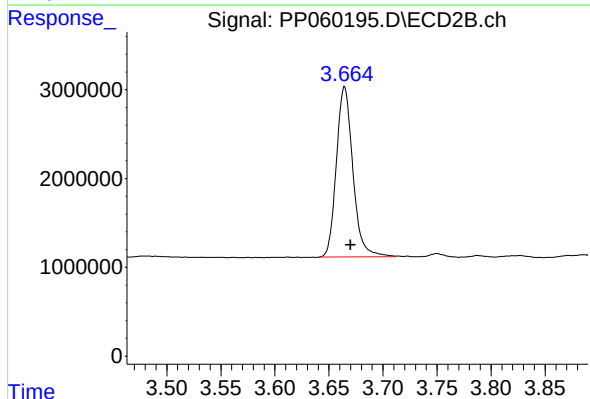




#1 Tetrachloro-m-xylene

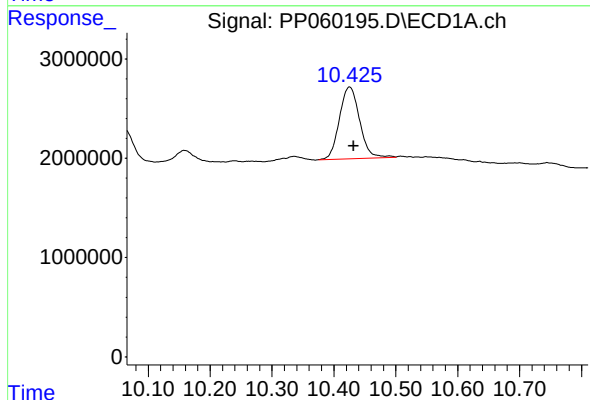
R.T.: 4.509 min
Delta R.T.: -0.001 min
Response: 28198887
Conc: 13.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



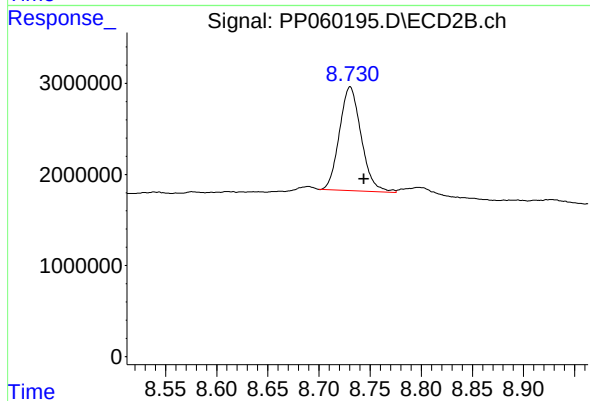
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: -0.006 min
Response: 20450787
Conc: 12.56 ng/ml



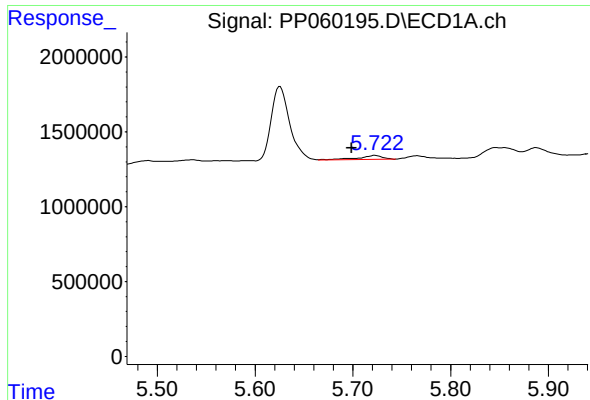
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: -0.006 min
Response: 16319660
Conc: 10.70 ng/ml



#2 Decachlorobiphenyl

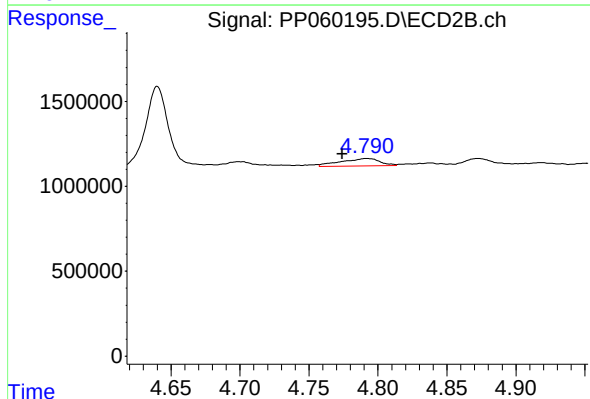
R.T.: 8.730 min
Delta R.T.: -0.014 min
Response: 16887874
Conc: 11.15 ng/ml



#3 AR-1016-1

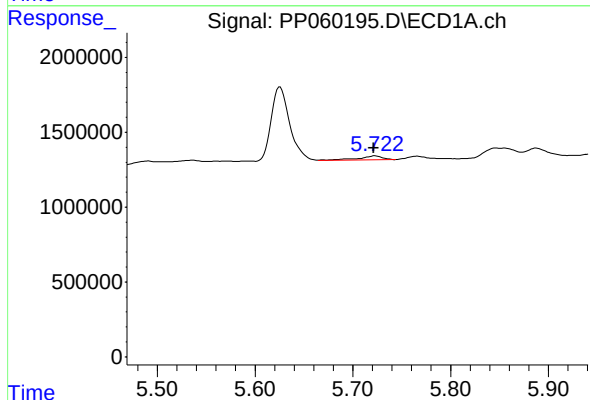
R.T.: 5.723 min
Delta R.T.: 0.024 min
Response: 464545
Conc: 6.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



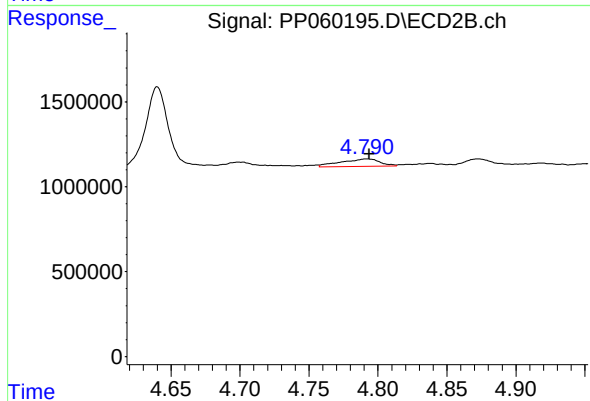
#3 AR-1016-1

R.T.: 4.791 min
Delta R.T.: 0.017 min
Response: 860385
Conc: 14.31 ng/ml



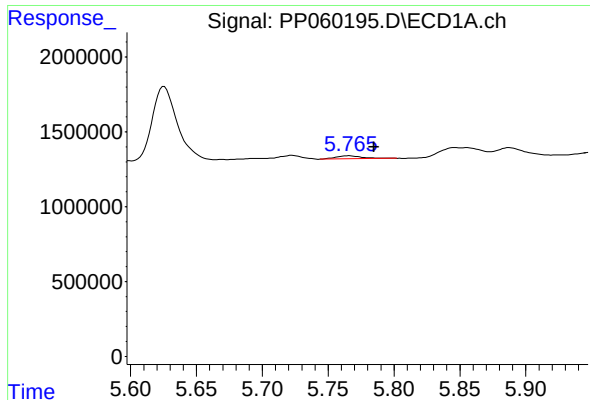
#4 AR-1016-2

R.T.: 5.723 min
Delta R.T.: 0.001 min
Response: 464545
Conc: 4.86 ng/ml



#4 AR-1016-2

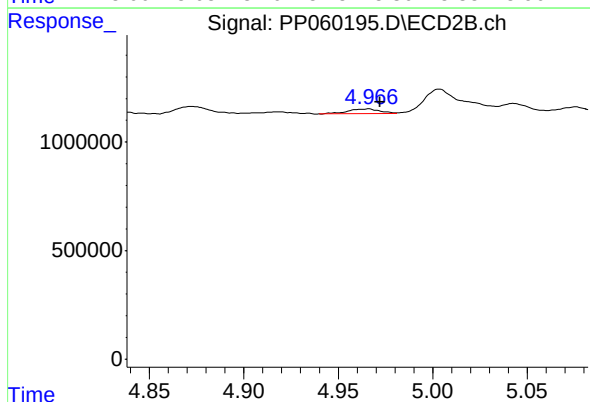
R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 860385
Conc: 10.37 ng/ml



#5 AR-1016-3

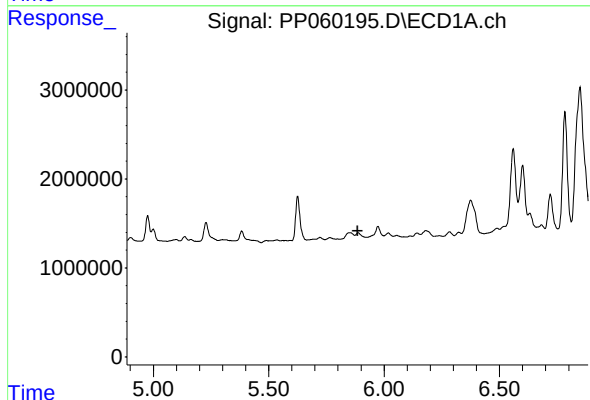
R.T.: 5.765 min
Delta R.T.: -0.020 min
Response: 286700
Conc: 4.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



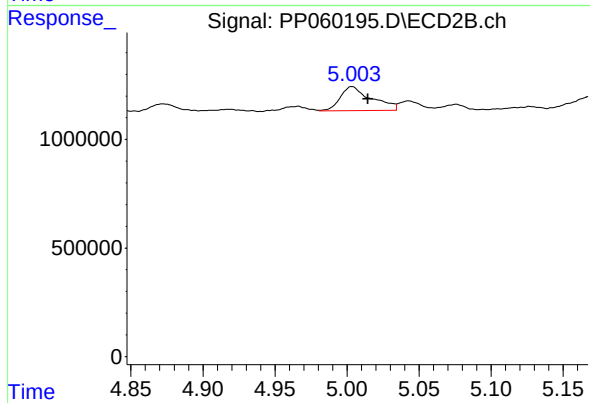
#5 AR-1016-3

R.T.: 4.966 min
Delta R.T.: -0.006 min
Response: 260443
Conc: 5.81 ng/ml



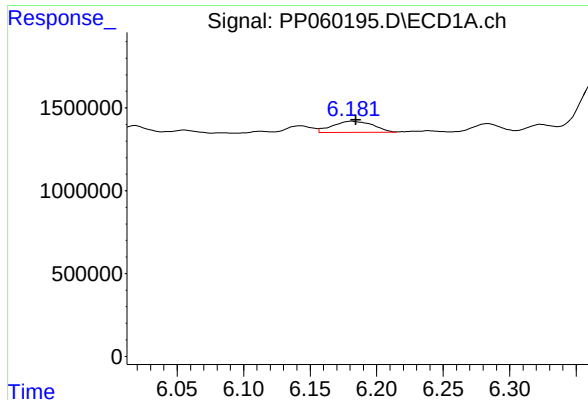
#6 AR-1016-4

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



#6 AR-1016-4

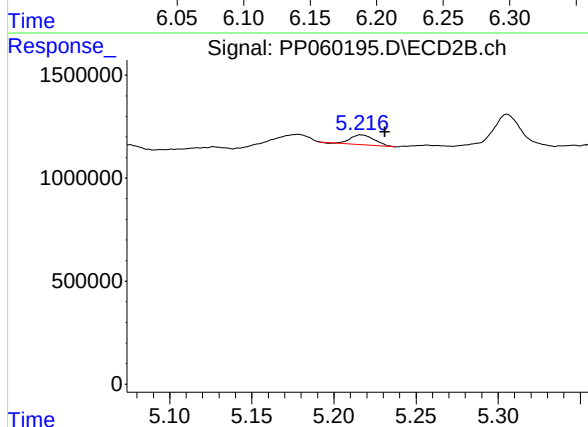
R.T.: 5.003 min
Delta R.T.: -0.011 min
Response: 1679860
Conc: 47.62 ng/ml



#7 AR-1016-5

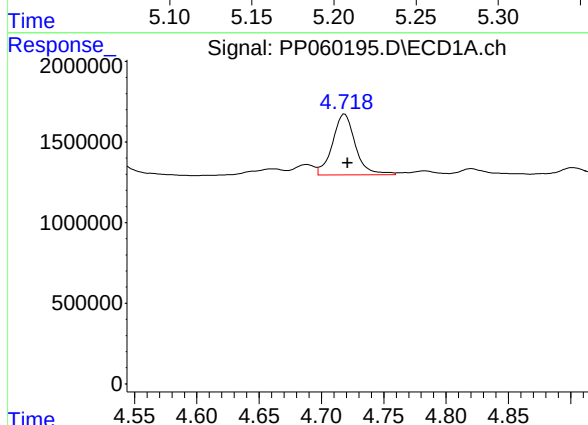
R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 1453980
Conc: 29.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



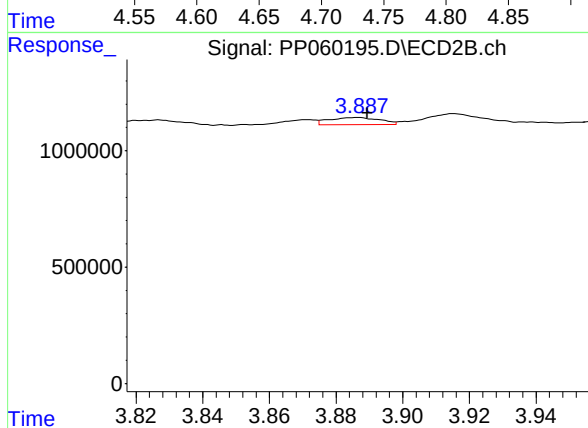
#7 AR-1016-5

R.T.: 5.216 min
Delta R.T.: -0.015 min
Response: 470430
Conc: 10.12 ng/ml



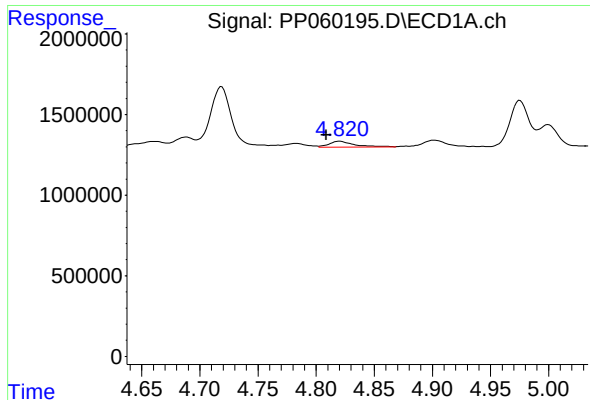
#8 AR-1221-1

R.T.: 4.719 min
Delta R.T.: -0.002 min
Response: 4828756
Conc: 181.65 ng/ml



#8 AR-1221-1

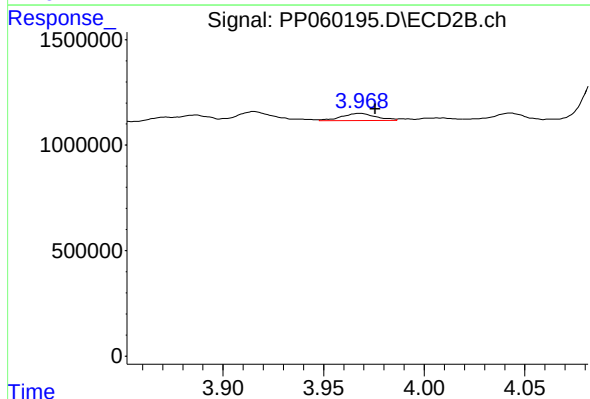
R.T.: 3.887 min
Delta R.T.: -0.002 min
Response: 327880
Conc: 14.93 ng/ml



#9 AR-1221-2

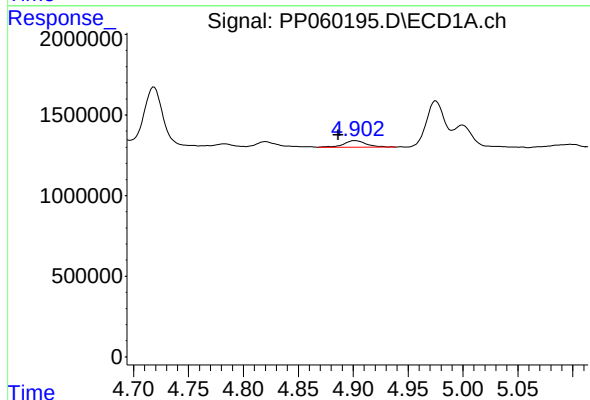
R.T.: 4.820 min
Delta R.T.: 0.012 min
Response: 537675
Conc: 27.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



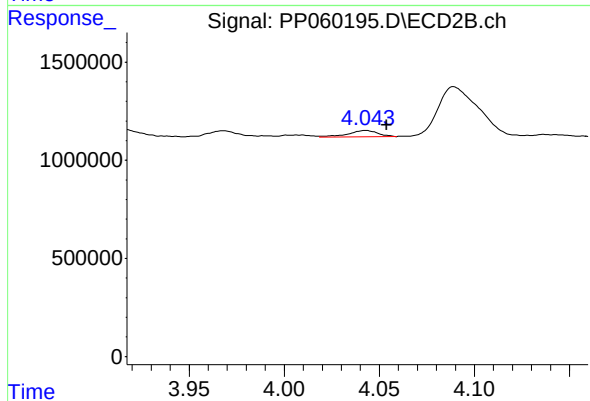
#9 AR-1221-2

R.T.: 3.968 min
Delta R.T.: -0.008 min
Response: 411557
Conc: 26.66 ng/ml



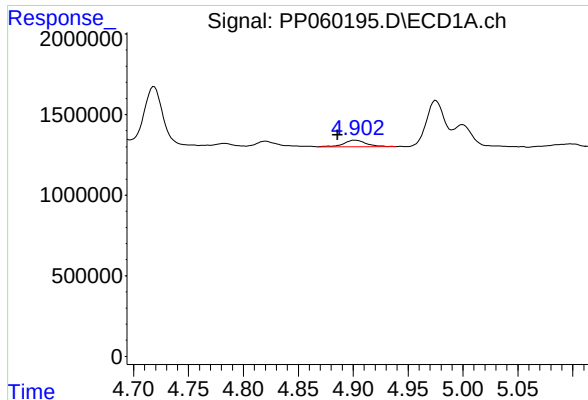
#10 AR-1221-3

R.T.: 4.902 min
Delta R.T.: 0.015 min
Response: 565024
Conc: 9.89 ng/ml



#10 AR-1221-3

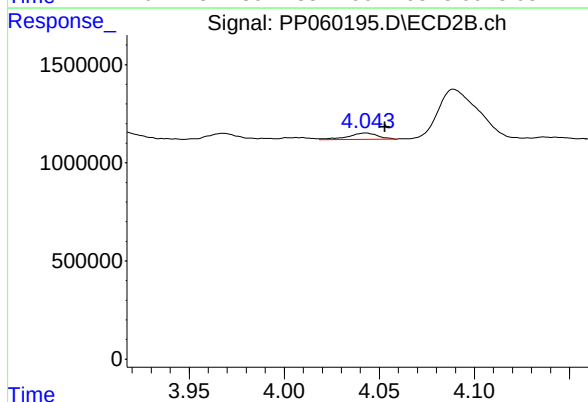
R.T.: 4.043 min
Delta R.T.: -0.011 min
Response: 345920
Conc: 7.38 ng/ml



#11 AR-1232-1

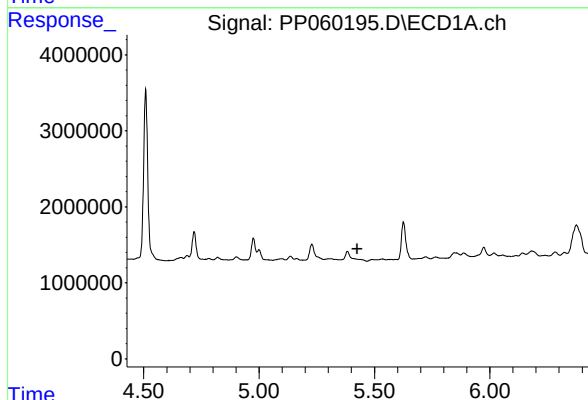
R.T.: 4.902 min
Delta R.T.: 0.016 min
Response: 565024
Conc: 12.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



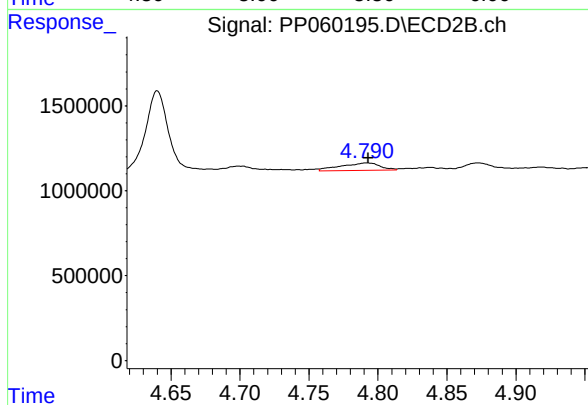
#11 AR-1232-1

R.T.: 4.043 min
Delta R.T.: -0.010 min
Response: 345920
Conc: 9.10 ng/ml



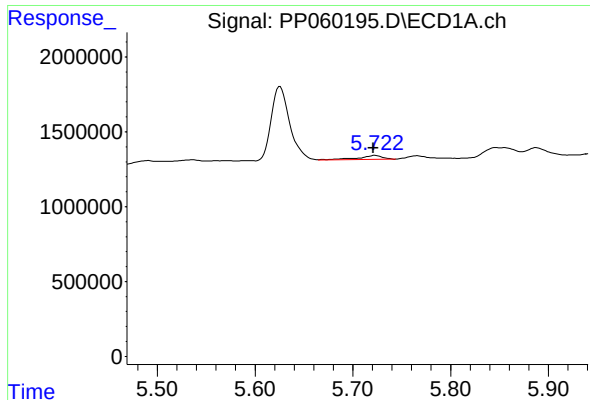
#12 AR-1232-2

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



#12 AR-1232-2

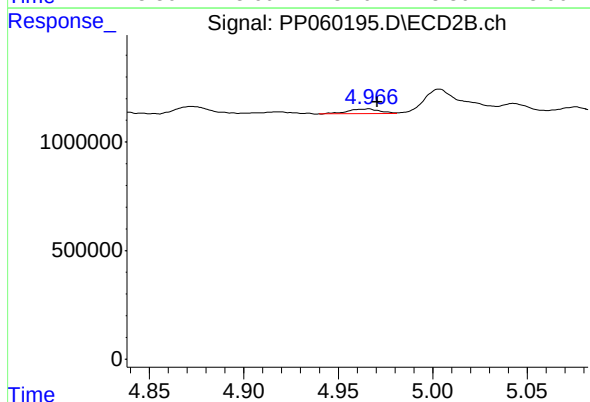
R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 860385
Conc: 23.33 ng/ml



#13 AR-1232-3

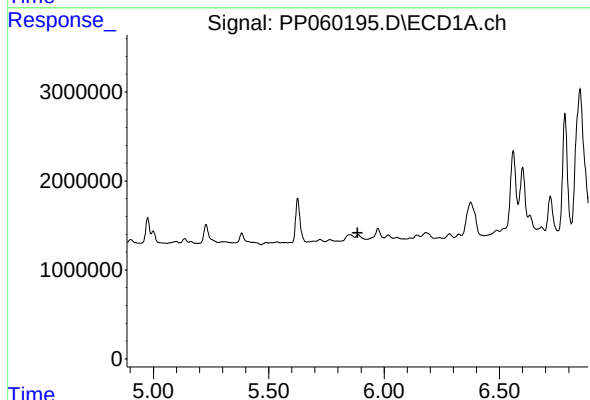
R.T.: 5.723 min
Delta R.T.: 0.002 min
Response: 464545
Conc: 10.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



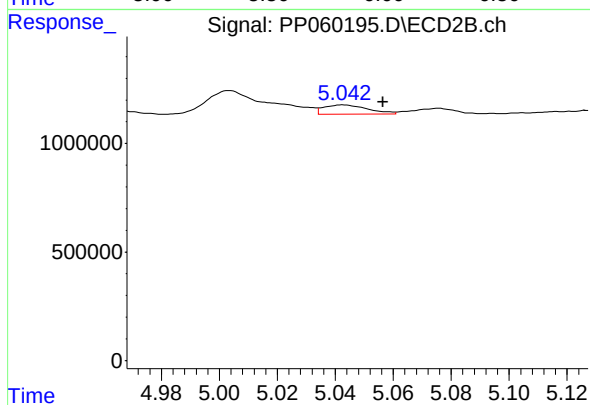
#13 AR-1232-3

R.T.: 4.966 min
Delta R.T.: -0.004 min
Response: 260443
Conc: 13.01 ng/ml



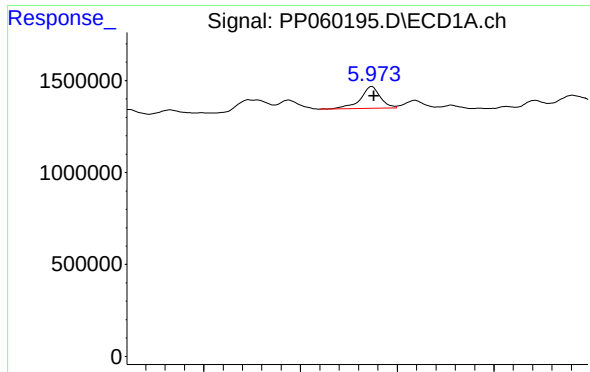
#14 AR-1232-4

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



#14 AR-1232-4

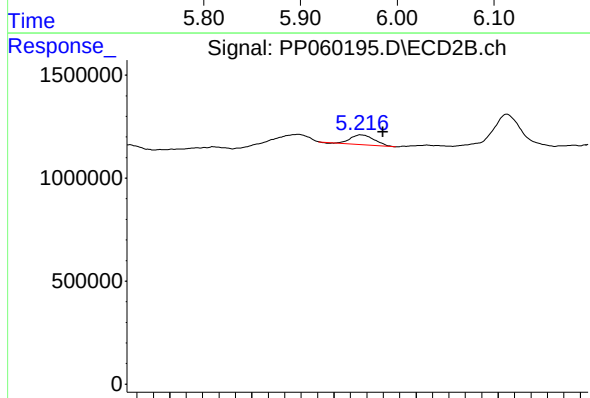
R.T.: 5.043 min
Delta R.T.: -0.014 min
Response: 454756
Conc: 24.90 ng/ml



#15 AR-1232-5

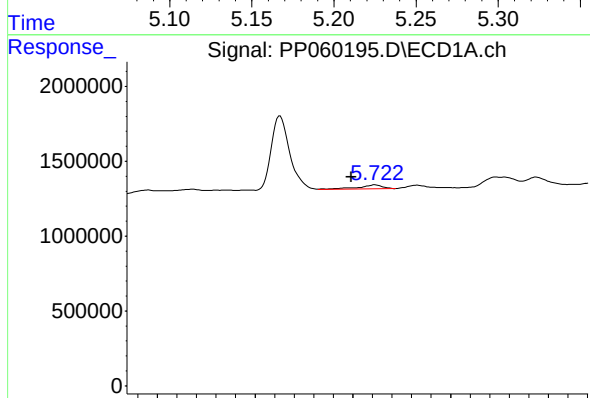
R.T.: 5.974 min
Delta R.T.: -0.002 min
Response: 1686582
Conc: 91.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



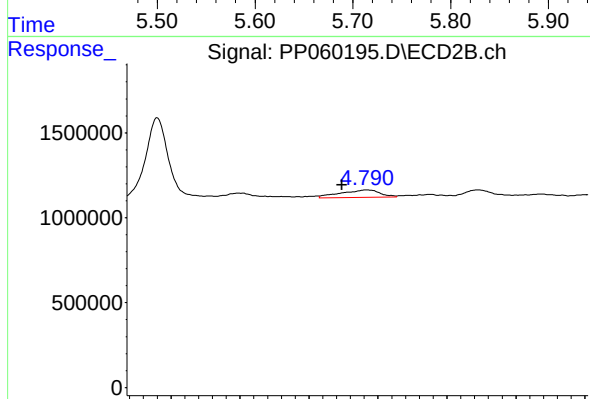
#15 AR-1232-5

R.T.: 5.216 min
Delta R.T.: -0.014 min
Response: 470430
Conc: 23.46 ng/ml



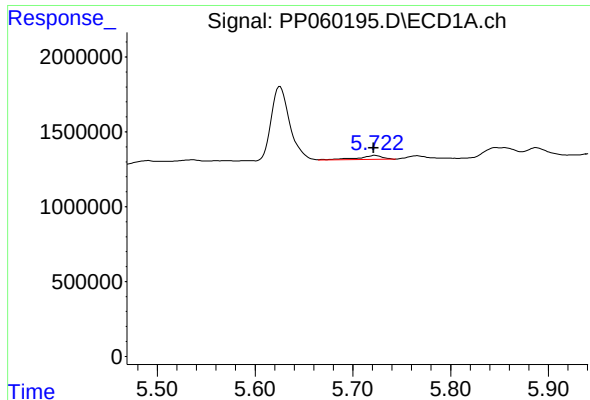
#16 AR-1242-1

R.T.: 5.723 min
Delta R.T.: 0.024 min
Response: 464545
Conc: 7.78 ng/ml



#16 AR-1242-1

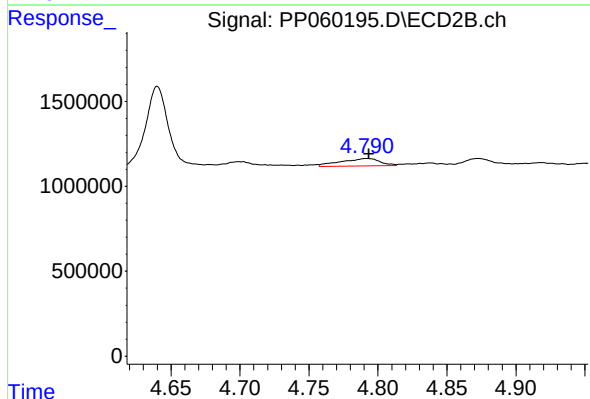
R.T.: 4.791 min
Delta R.T.: 0.017 min
Response: 860385
Conc: 16.34 ng/ml



#17 AR-1242-2

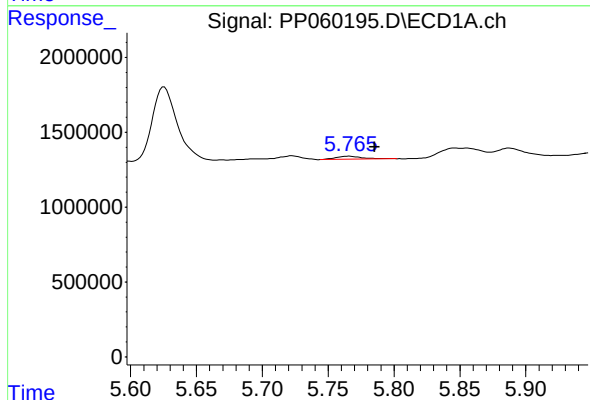
R.T.: 5.723 min
Delta R.T.: 0.001 min
Response: 464545
Conc: 5.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



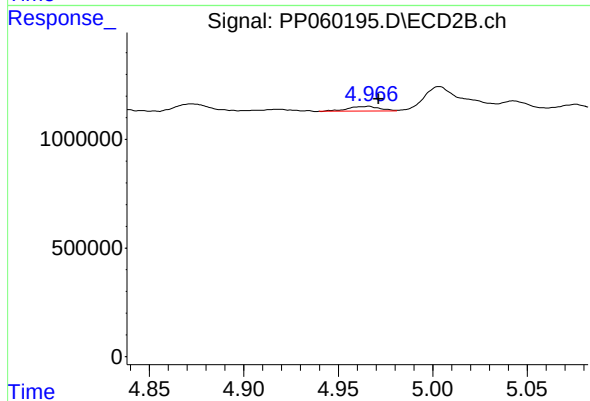
#17 AR-1242-2

R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 860385
Conc: 11.94 ng/ml



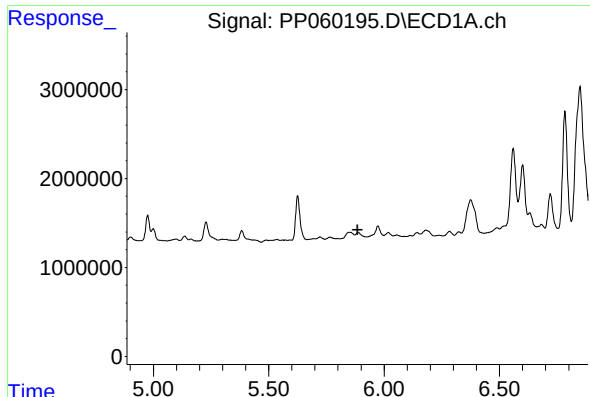
#18 AR-1242-3

R.T.: 5.765 min
Delta R.T.: -0.020 min
Response: 286700
Conc: 5.48 ng/ml



#18 AR-1242-3

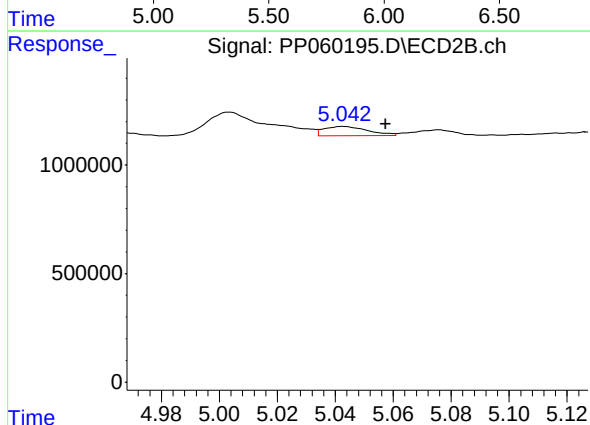
R.T.: 4.966 min
Delta R.T.: -0.005 min
Response: 260443
Conc: 6.66 ng/ml



#19 AR-1242-4

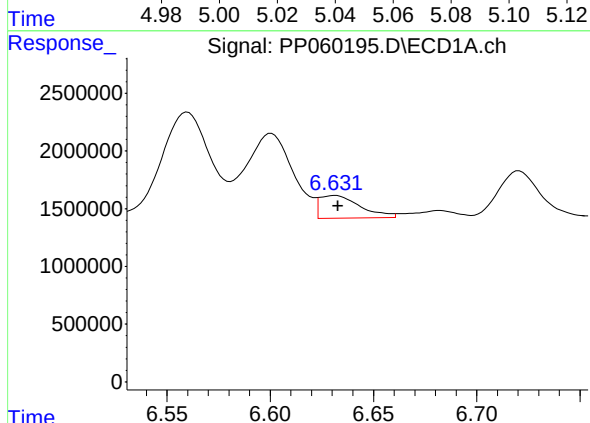
R.T.: 0.000 min
Exp R.T.: 5.885 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



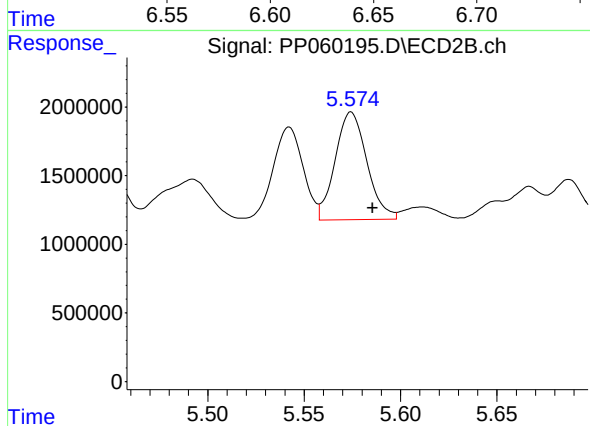
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.015 min
Response: 454756
Conc: 11.60 ng/ml



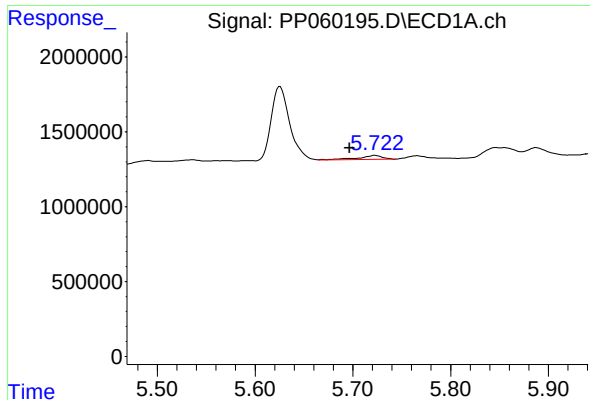
#20 AR-1242-5

R.T.: 6.631 min
Delta R.T.: -0.001 min
Response: 2697065
Conc: 58.99 ng/ml



#20 AR-1242-5

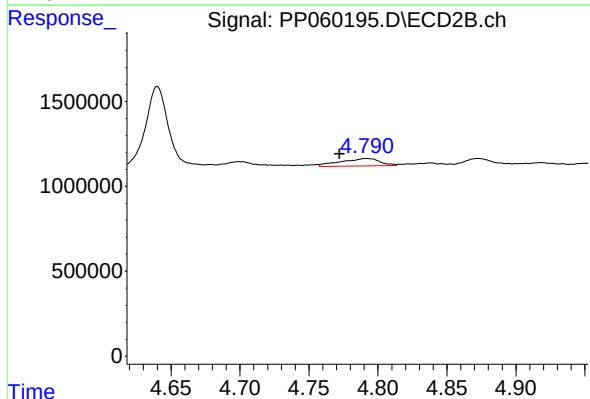
R.T.: 5.574 min
Delta R.T.: -0.011 min
Response: 9020896
Conc: 186.46 ng/ml



#21 AR-1248-1

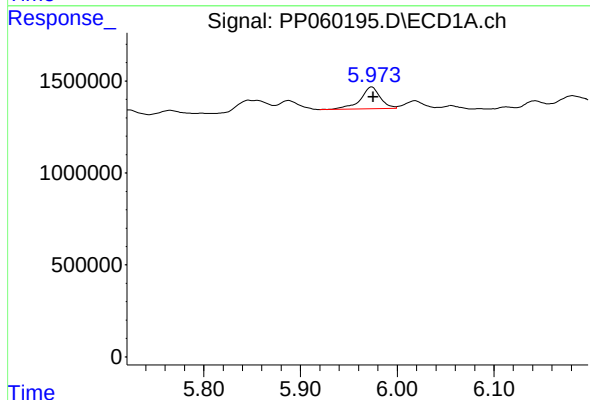
R.T.: 5.723 min
Delta R.T.: 0.026 min
Response: 464545
Conc: 10.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



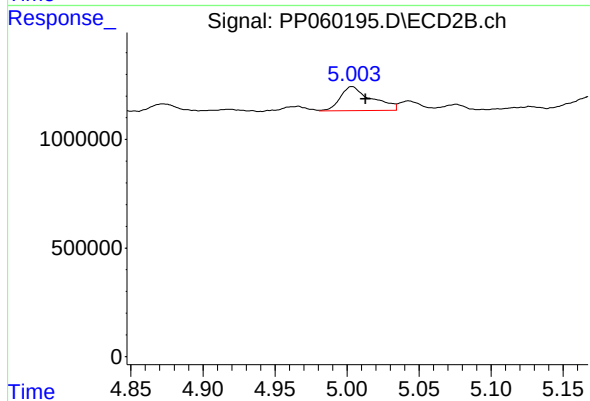
#21 AR-1248-1

R.T.: 4.791 min
Delta R.T.: 0.019 min
Response: 860385
Conc: 22.02 ng/ml



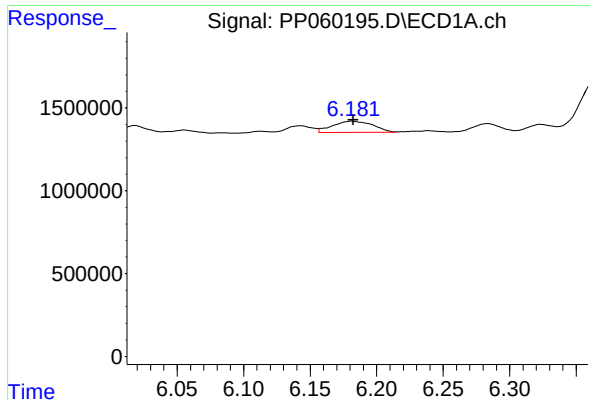
#22 AR-1248-2

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 1686582
Conc: 26.04 ng/ml



#22 AR-1248-2

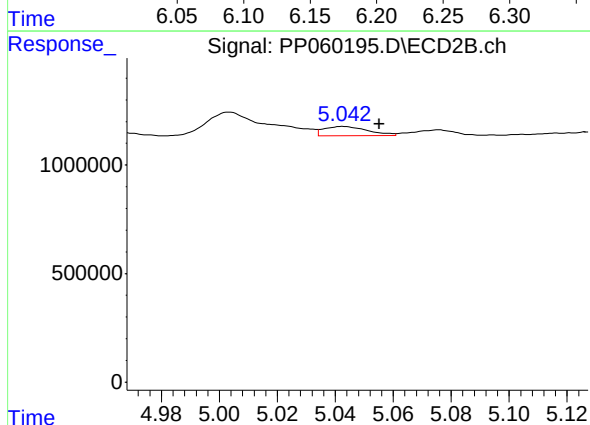
R.T.: 5.003 min
Delta R.T.: -0.009 min
Response: 1679860
Conc: 31.00 ng/ml



#23 AR-1248-3

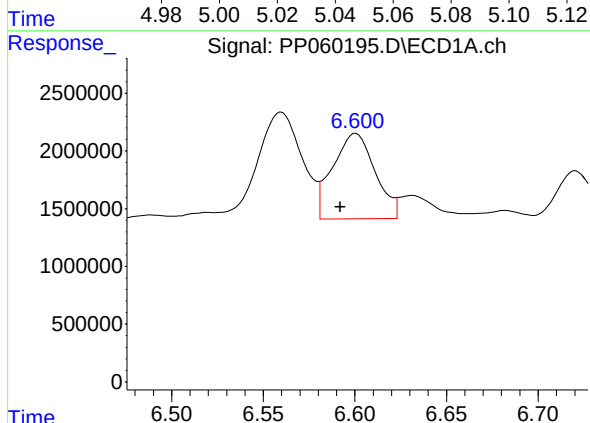
R.T.: 6.181 min
Delta R.T.: -0.001 min
Response: 1453980
Conc: 20.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



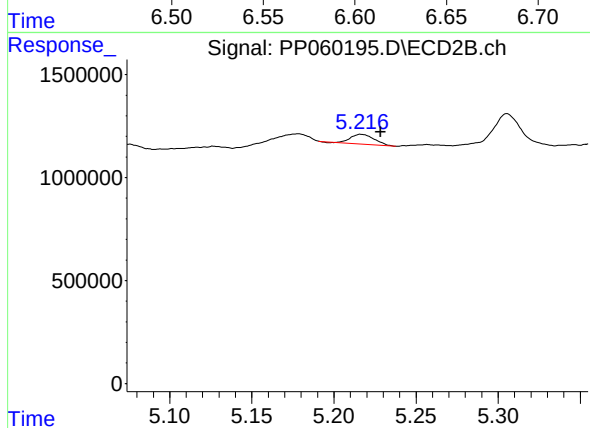
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.012 min
Response: 454756
Conc: 7.99 ng/ml



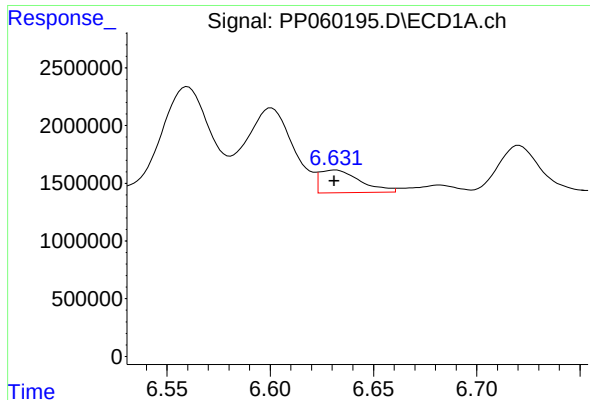
#24 AR-1248-4

R.T.: 6.601 min
Delta R.T.: 0.009 min
Response: 11978886
Conc: 154.88 ng/ml



#24 AR-1248-4

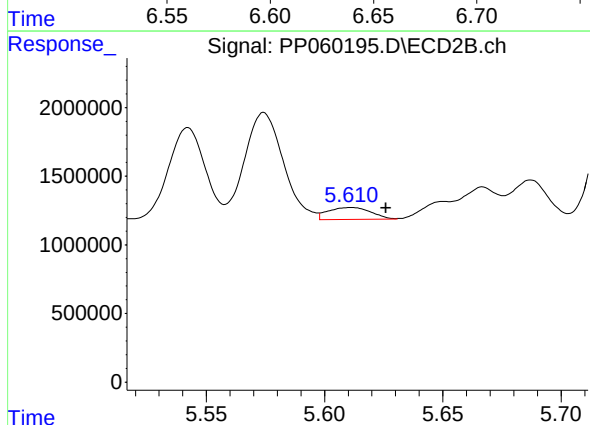
R.T.: 5.216 min
Delta R.T.: -0.012 min
Response: 470430
Conc: 7.00 ng/ml



#25 AR-1248-5

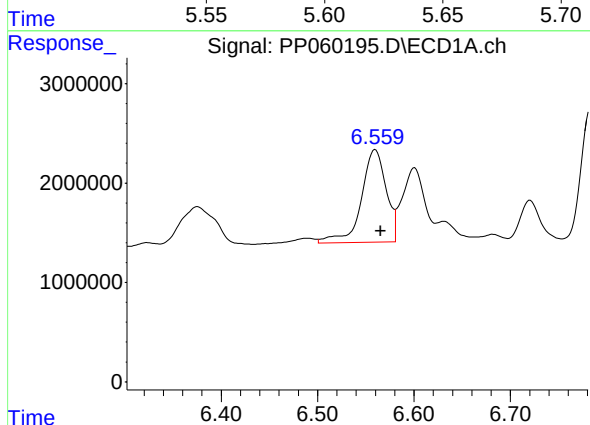
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 2697065
Conc: 35.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



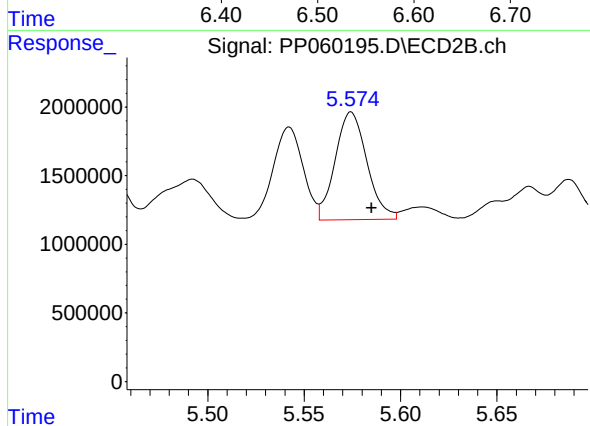
#25 AR-1248-5

R.T.: 5.611 min
Delta R.T.: -0.015 min
Response: 1114501
Conc: 16.90 ng/ml



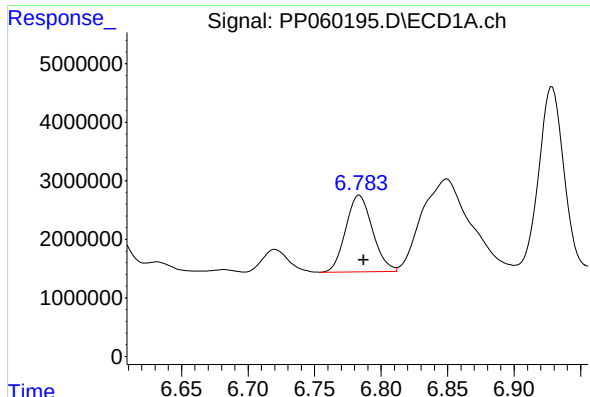
#26 AR-1254-1

R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 16726616
Conc: 209.51 ng/ml



#26 AR-1254-1

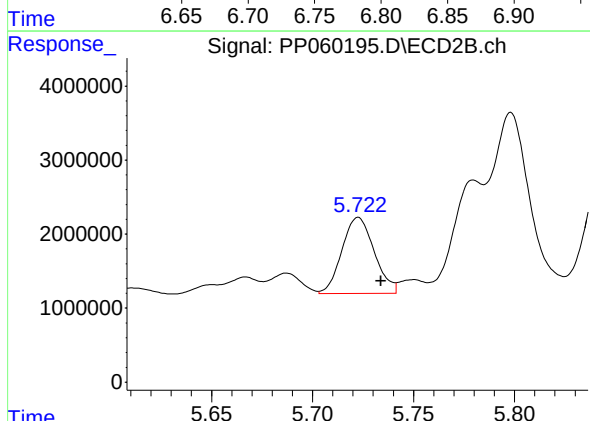
R.T.: 5.574 min
Delta R.T.: -0.011 min
Response: 9020896
Conc: 89.89 ng/ml



#27 AR-1254-2

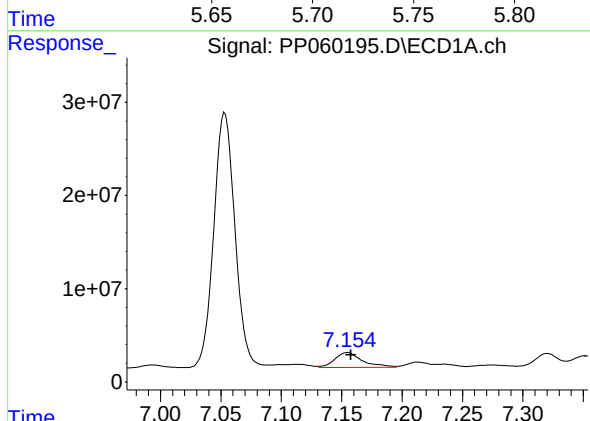
R.T.: 6.784 min
Delta R.T.: -0.003 min
Response: 18237946
Conc: 152.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



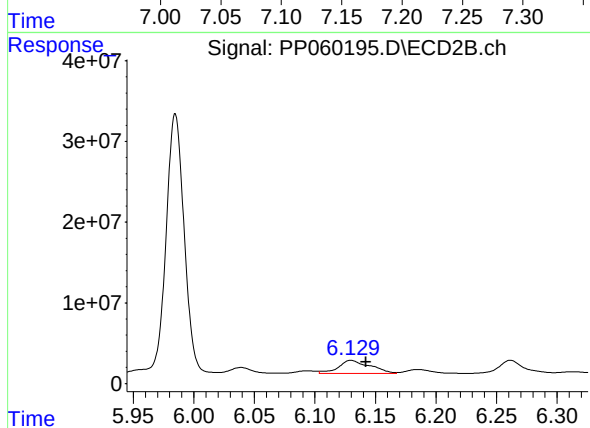
#27 AR-1254-2

R.T.: 5.723 min
Delta R.T.: -0.011 min
Response: 11416857
Conc: 131.41 ng/ml



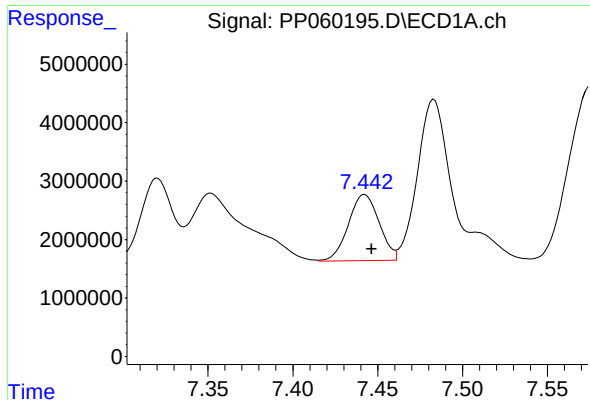
#28 AR-1254-3

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 25330105
Conc: 208.51 ng/ml



#28 AR-1254-3

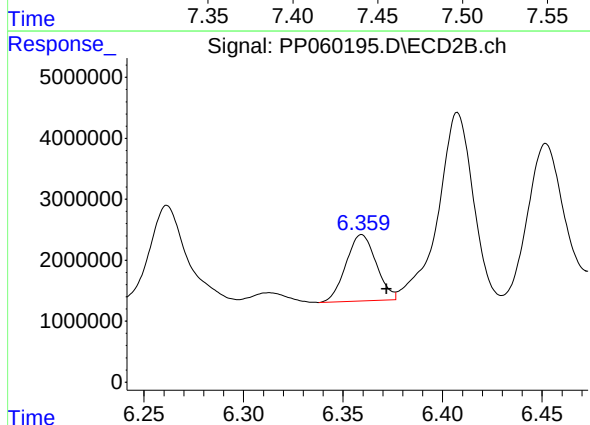
R.T.: 6.130 min
Delta R.T.: -0.012 min
Response: 29669779
Conc: 211.32 ng/ml



#29 AR-1254-4

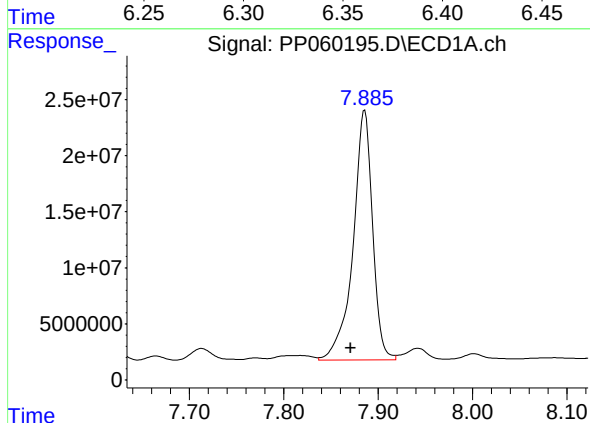
R.T.: 7.442 min
Delta R.T.: -0.004 min
Response: 14264601
Conc: 160.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



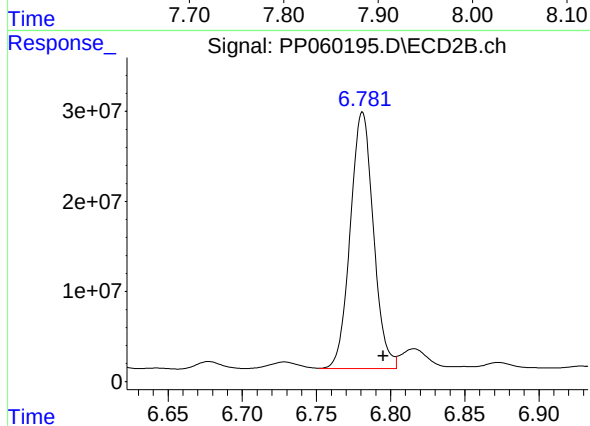
#29 AR-1254-4

R.T.: 6.359 min
Delta R.T.: -0.013 min
Response: 11450944
Conc: 136.04 ng/ml



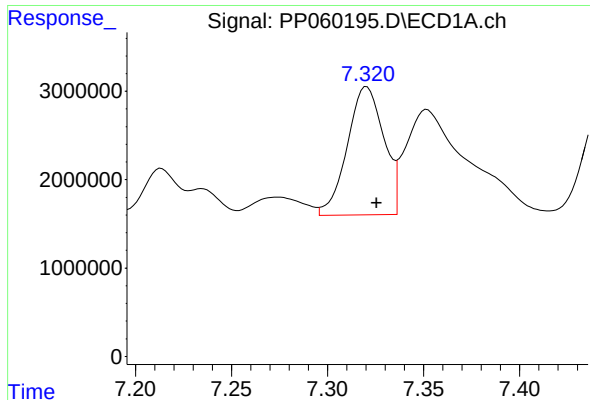
#30 AR-1254-5

R.T.: 7.886 min
Delta R.T.: 0.015 min
Response: 319782688
Conc: 3287.40 ng/ml



#30 AR-1254-5

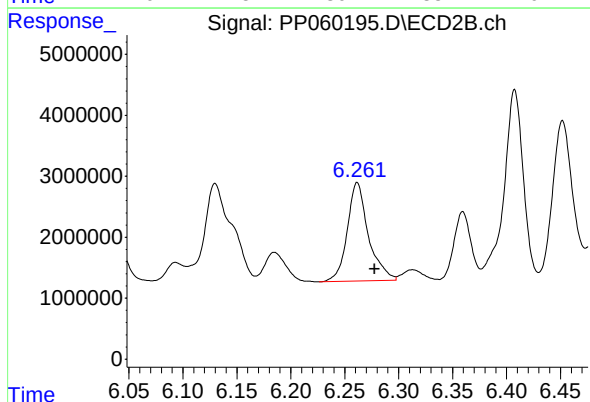
R.T.: 6.781 min
Delta R.T.: -0.014 min
Response: 309083105
Conc: 2605.71 ng/ml



#31 AR-1260-1

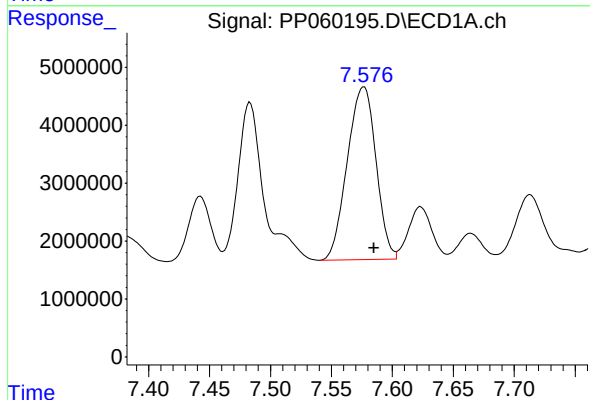
R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 19117369
Conc: 212.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



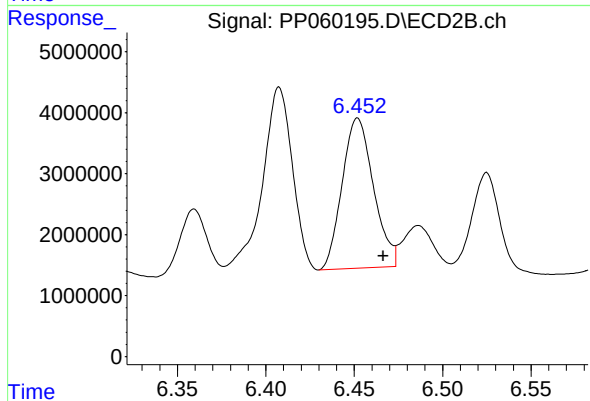
#31 AR-1260-1

R.T.: 6.262 min
Delta R.T.: -0.016 min
Response: 22078111
Conc: 237.10 ng/ml



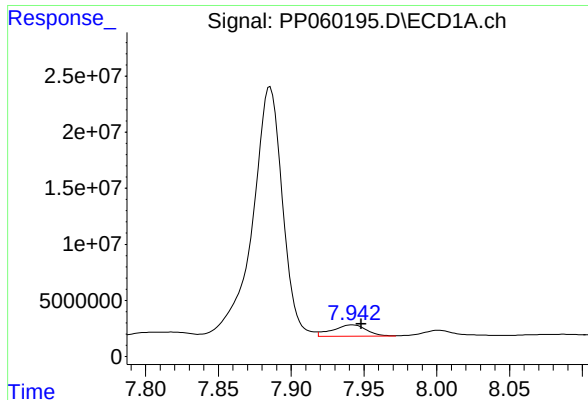
#32 AR-1260-2

R.T.: 7.577 min
Delta R.T.: -0.008 min
Response: 48927176
Conc: 476.93 ng/ml



#32 AR-1260-2

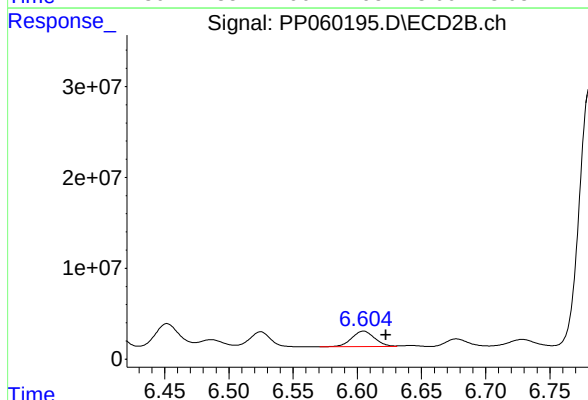
R.T.: 6.452 min
Delta R.T.: -0.015 min
Response: 30410106
Conc: 277.37 ng/ml



#33 AR-1260-3

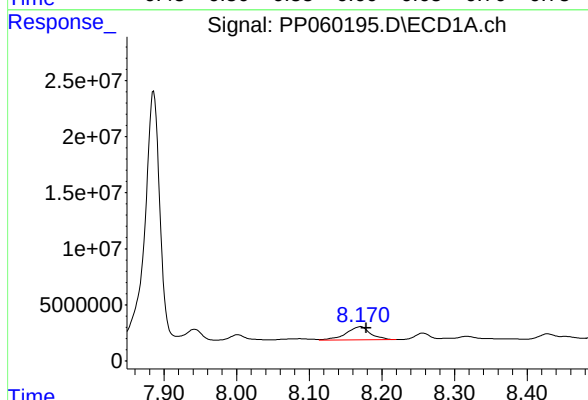
R.T.: 7.942 min
Delta R.T.: -0.006 min
Response: 16573588
Conc: 210.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



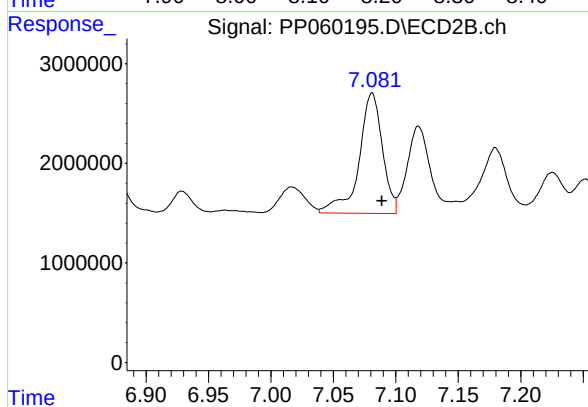
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: -0.017 min
Response: 21516594
Conc: 209.19 ng/ml



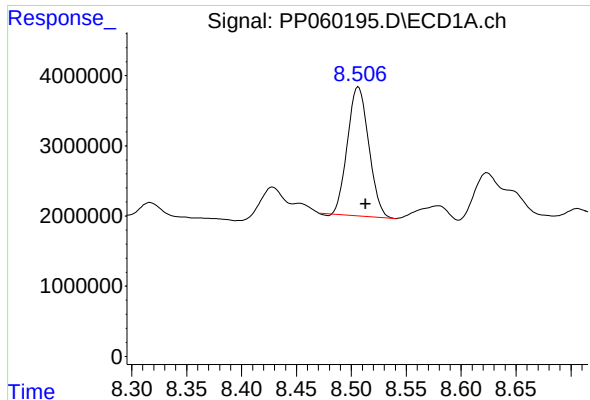
#34 AR-1260-4

R.T.: 8.171 min
Delta R.T.: -0.008 min
Response: 27233452
Conc: 303.88 ng/ml



#34 AR-1260-4

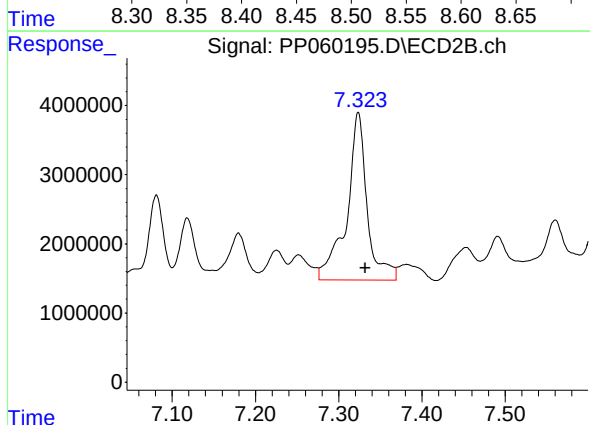
R.T.: 7.081 min
Delta R.T.: -0.008 min
Response: 15852519
Conc: 190.34 ng/ml



#35 AR-1260-5

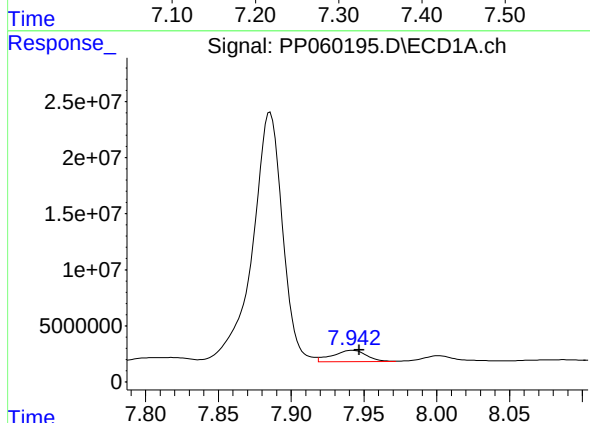
R.T.: 8.506 min
Delta R.T.: -0.006 min
Response: 24727836
Conc: 144.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



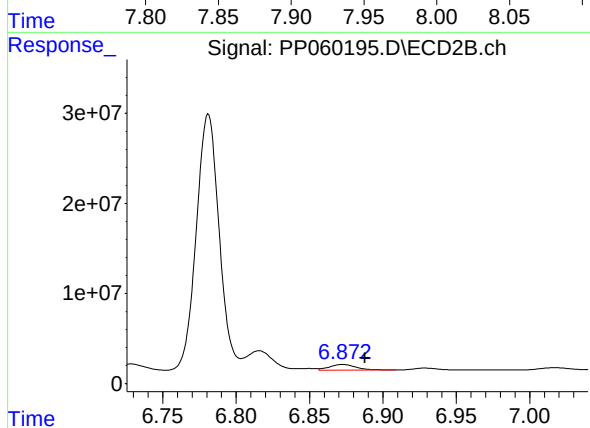
#35 AR-1260-5

R.T.: 7.324 min
Delta R.T.: -0.008 min
Response: 41151140
Conc: 213.88 ng/ml



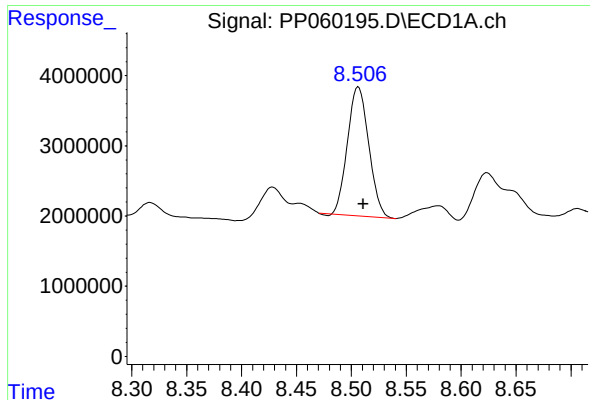
#36 AR-1262-1

R.T.: 7.942 min
Delta R.T.: -0.005 min
Response: 16573588
Conc: 143.20 ng/ml



#36 AR-1262-1

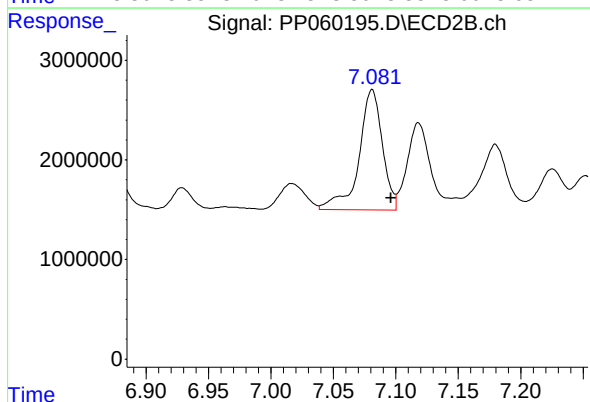
R.T.: 6.873 min
Delta R.T.: -0.015 min
Response: 7953034
Conc: 157.57 ng/ml



#37 AR-1262-2

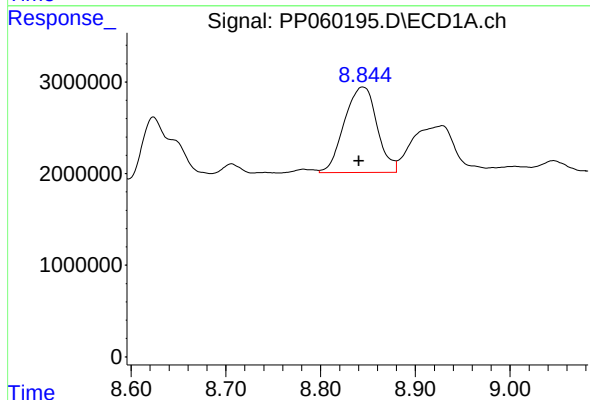
R.T.: 8.506 min
Delta R.T.: -0.004 min
Response: 24727836
Conc: 123.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



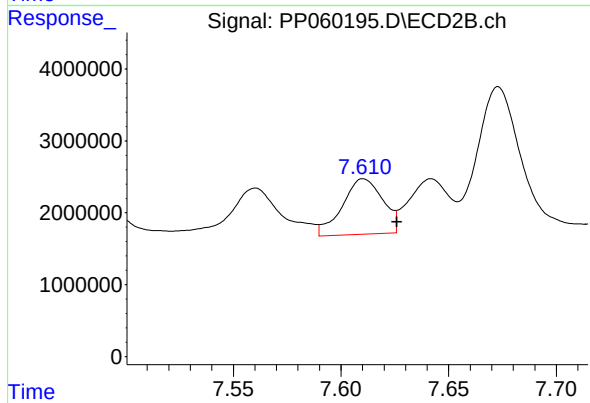
#37 AR-1262-2

R.T.: 7.081 min
Delta R.T.: -0.015 min
Response: 15852519
Conc: 140.32 ng/ml



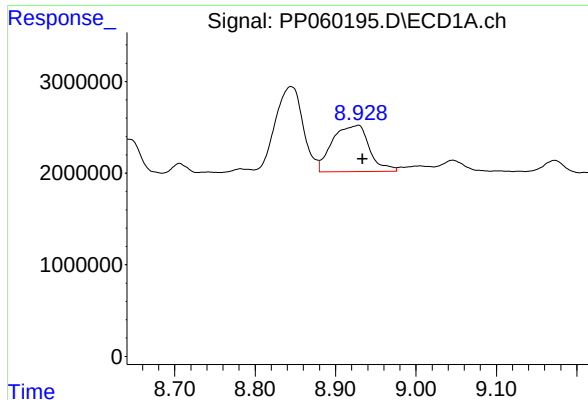
#38 AR-1262-3

R.T.: 8.845 min
Delta R.T.: 0.004 min
Response: 22378963
Conc: 155.41 ng/ml



#38 AR-1262-3

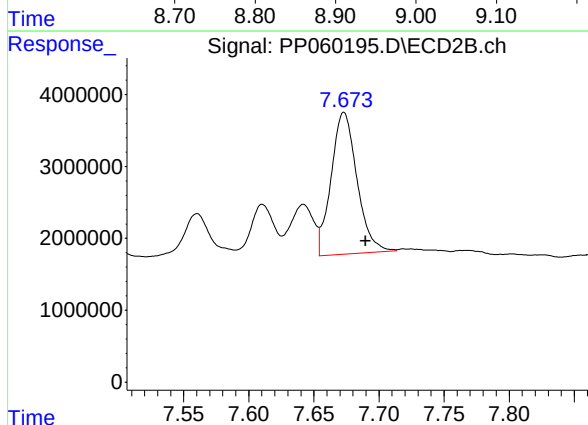
R.T.: 7.610 min
Delta R.T.: -0.016 min
Response: 10049520
Conc: 114.65 ng/ml



#39 AR-1262-4

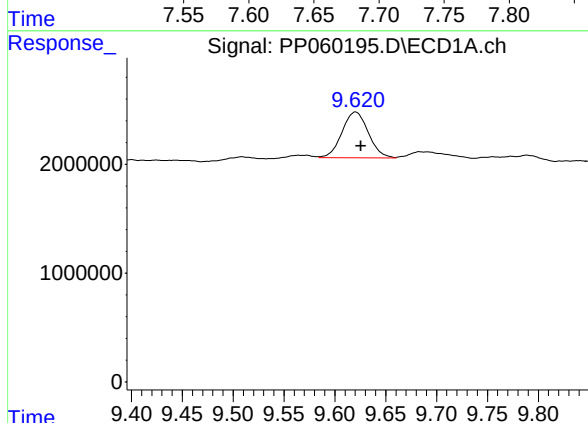
R.T.: 8.928 min
Delta R.T.: -0.006 min
Response: 16011833
Conc: 141.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



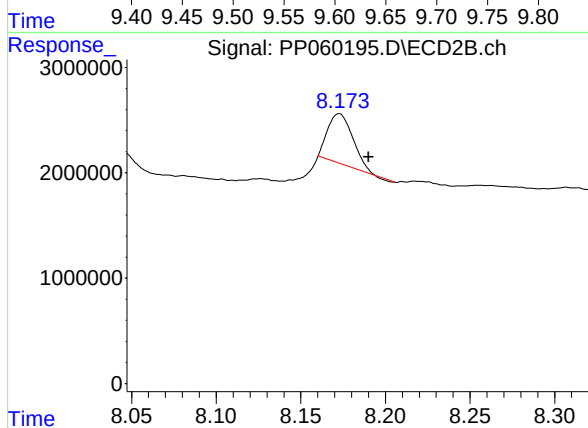
#39 AR-1262-4

R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 27289681
Conc: 167.11 ng/ml



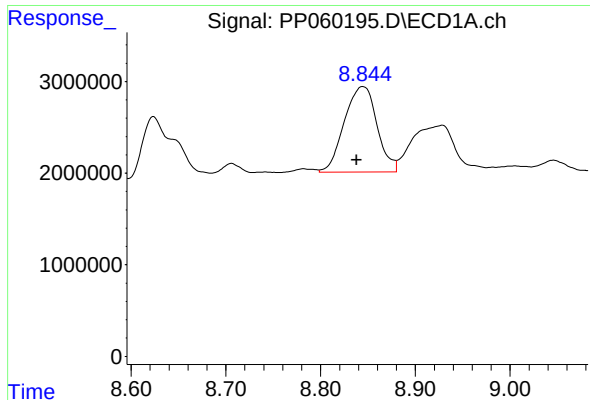
#40 AR-1262-5

R.T.: 9.621 min
Delta R.T.: -0.005 min
Response: 7590084
Conc: 101.74 ng/ml



#40 AR-1262-5

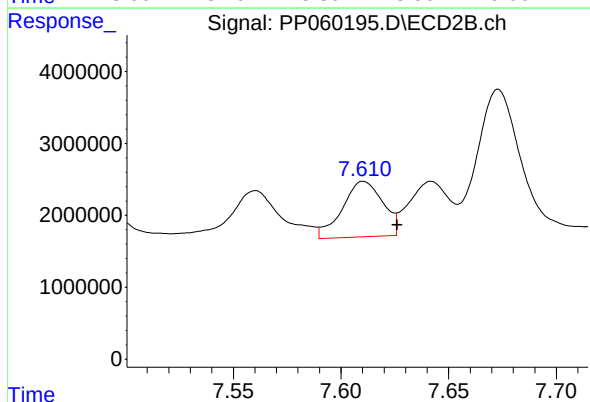
R.T.: 8.173 min
Delta R.T.: -0.017 min
Response: 4827675
Conc: 64.68 ng/ml



#41 AR-1268-1

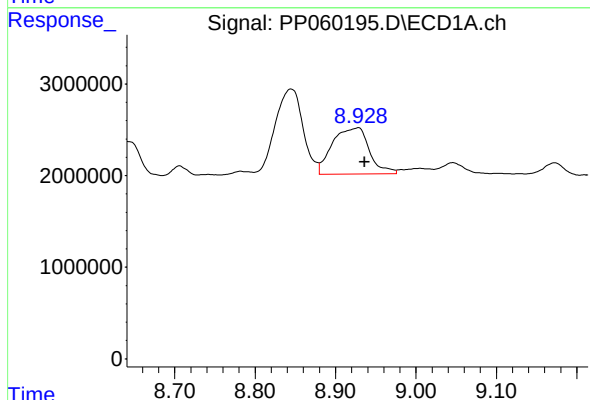
R.T.: 8.845 min
Delta R.T.: 0.007 min
Response: 22378963
Conc: 89.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



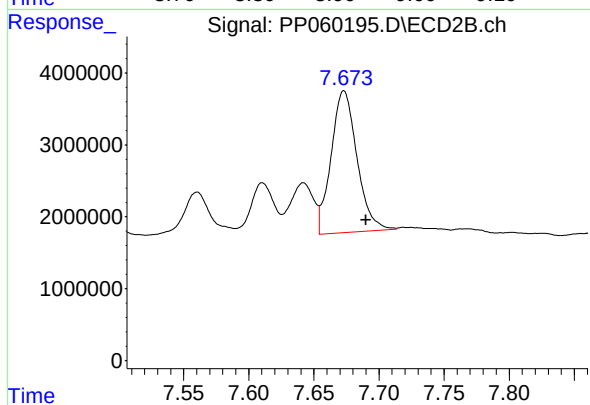
#41 AR-1268-1

R.T.: 7.610 min
Delta R.T.: -0.016 min
Response: 10049520
Conc: 38.60 ng/ml



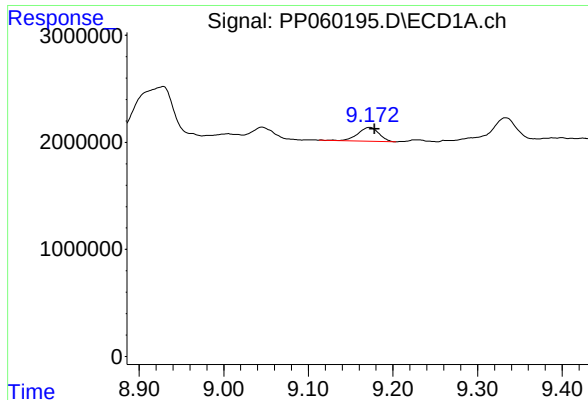
#42 AR-1268-2

R.T.: 8.928 min
Delta R.T.: -0.008 min
Response: 16011833
Conc: 69.77 ng/ml



#42 AR-1268-2

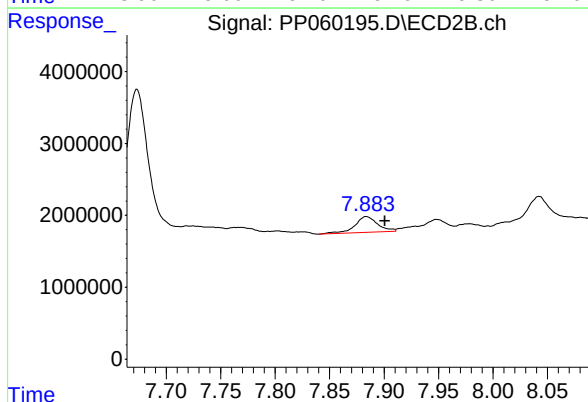
R.T.: 7.673 min
Delta R.T.: -0.017 min
Response: 27289681
Conc: 118.04 ng/ml



#43 AR-1268-3

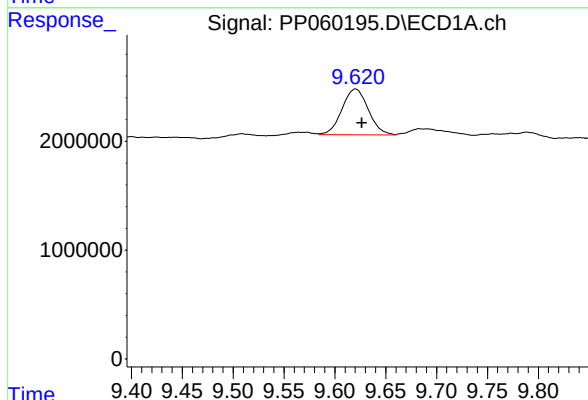
R.T.: 9.173 min
Delta R.T.: -0.006 min
Response: 2231736
Conc: 11.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



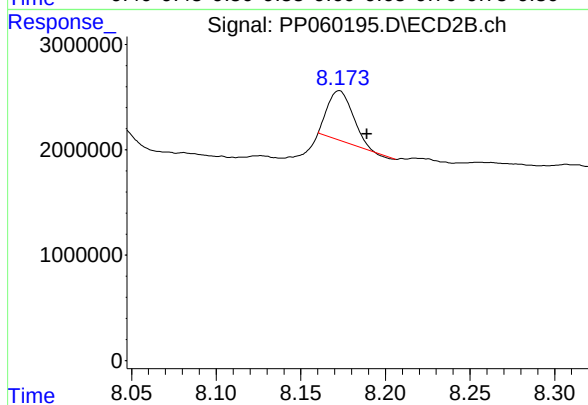
#43 AR-1268-3

R.T.: 7.884 min
Delta R.T.: -0.017 min
Response: 3182204
Conc: 15.59 ng/ml



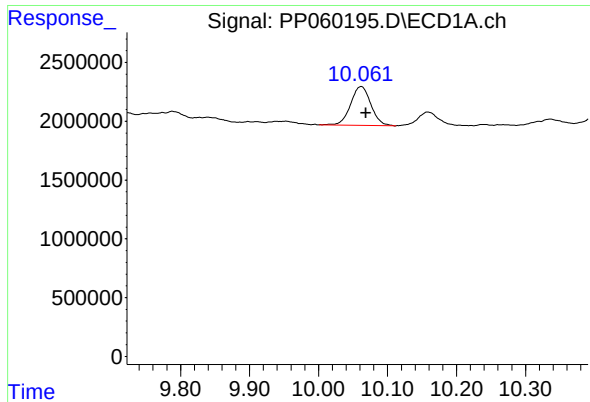
#44 AR-1268-4

R.T.: 9.621 min
Delta R.T.: -0.006 min
Response: 7590084
Conc: 91.64 ng/ml



#44 AR-1268-4

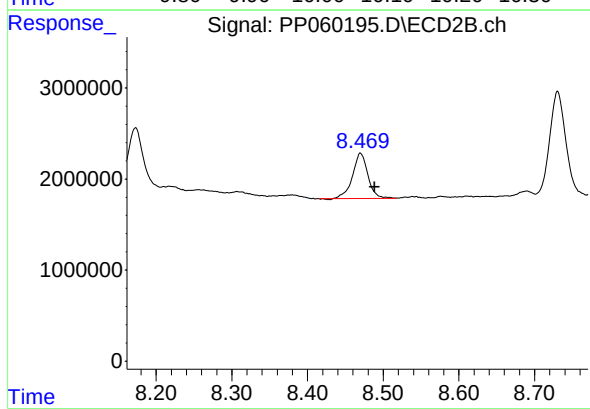
R.T.: 8.173 min
Delta R.T.: -0.017 min
Response: 4827675
Conc: 59.79 ng/ml



#45 AR-1268-5

R.T.: 10.062 min
Delta R.T.: -0.007 min
Response: 6774477
Conc: 11.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.470 min
Delta R.T.: -0.019 min
Response: 7063342
Conc: 11.18 ng/ml