

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062123\
 Data File : PP058597.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 17:29
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:36:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP062023.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 21 05:48:37 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...	4.459	3.669	124.2E6	87995001	49.718	53.950
2)	SA Decachlor...	10.275	8.725	68755763	66357704	51.984	54.480
Target Compounds							
3)	L1 AR-1016-1	5.635	4.767	35675419	27308020	499.773	542.580
4)	L1 AR-1016-2	5.658	4.787	51033879	38932763	494.925	549.982
5)	L1 AR-1016-3	5.721	4.964	31862751	20897912	496.725	554.815
6)	L1 AR-1016-4	5.819	5.006	25513076	17407486	498.224	523.393
7)	L1 AR-1016-5	6.115	5.222	25760363	22341579	487.752	549.232
8)	L2 AR-1221-1	4.664	3.886	4171497	2848445	142.724	138.902
9)	L2 AR-1221-2	4.755	3.973	6005796	4206413	274.666	267.411
10)	L2 AR-1221-3	4.832	4.050	20559092	16291931	320.150	342.157
11)	L3 AR-1232-1	4.832	4.050	20559092	16291931	442.323	474.877
12)	L3 AR-1232-2	5.366	4.787	27804586	38932763	1037.066	1202.546
13)	L3 AR-1232-3	5.658	4.964	51033879	20897912	1113.553	1202.237
14)	L3 AR-1232-4	5.819	5.049	25513076	21676316	1098.937	1289.252
15)	L3 AR-1232-5	5.911	5.222	22968042	22341579	1174.948	1208.251
16)	L4 AR-1242-1	5.635	4.767	35675419	27308020	637.709	688.246
17)	L4 AR-1242-2	5.658	4.787	51033879	38932763	635.624	700.576
18)	L4 AR-1242-3	5.721	4.964	31862751	20897912	629.450	710.703
19)	L4 AR-1242-4	5.819	5.049	25513076	21676316	638.488	670.314
20)	L4 AR-1242-5	6.560	5.577	3342723	17936666	91.974	472.928 #
21)	L5 AR-1248-1	5.635	4.767	35675419	27308020	840.118	893.950
22)	L5 AR-1248-2	5.911	5.006	22968042	17407486	356.265	380.444
23)	L5 AR-1248-3	6.115	5.049	25760363	21676316	365.652	456.937
24)	L5 AR-1248-4	6.520	5.222	3553307	22341579	52.041	408.130 #
25)	L5 AR-1248-5	6.560	5.617	3342723	2829905	52.148	57.660
26)	L6 AR-1254-1	6.494	5.577	19504230	17936666	254.394	232.488
27)	L6 AR-1254-2	6.713	5.725	19650876	17258532	177.426	252.085 #
28)	L6 AR-1254-3	7.081	6.147	10533000	28866123	98.201	275.040 #
29)	L6 AR-1254-4	7.367	6.361	6093742	2855549	83.827	47.791 #
30)	L6 AR-1254-5	7.787	6.780	56110879	54059004	694.219	584.590
31)	L7 AR-1260-1	7.246	6.262	42388435	41022784	485.382	530.814
32)	L7 AR-1260-2	7.503	6.451	47507073	47794229	491.869	540.455
33)	L7 AR-1260-3	7.864	6.605	30004116	44949926	490.968	533.099
34)	L7 AR-1260-4	8.090	7.080	37021856	32376571	499.426	537.034
35)	L7 AR-1260-5	8.414	7.322	66329595	69542194	509.181	543.601
36)	L8 AR-1262-1	7.864	6.873	30004116	18049251	291.666	424.880 #
37)	L8 AR-1262-2	8.414	7.080	66329595	32376571	394.332	358.381
38)	L8 AR-1262-3	8.746	7.608	42711661	14503912	374.323	212.713 #
39)	L8 AR-1262-4	8.824	7.671	9539412	51222612	110.774	419.213 #
40)	L8 AR-1262-5	9.496	8.169	15084404	14941395	275.004	282.592
41)	L9 AR-1268-1	8.746	7.608	42711661	14503912	217.621	78.571 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

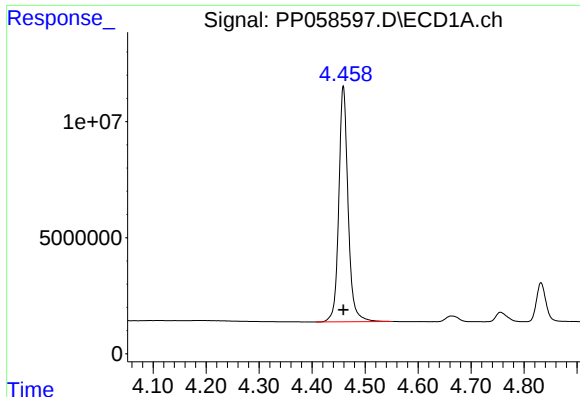
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 21:36:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP062023.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.824	7.671	9539412	51222612	55.103	310.498 #
43) L9	AR-1268-3	9.062	7.882	1215845	1278538	7.831	8.831
44) L9	AR-1268-4	9.496	8.169	15084404	14941395	263.707	274.590
45) L9	AR-1268-5	9.925	8.464	5199894	5332518	11.158	12.805

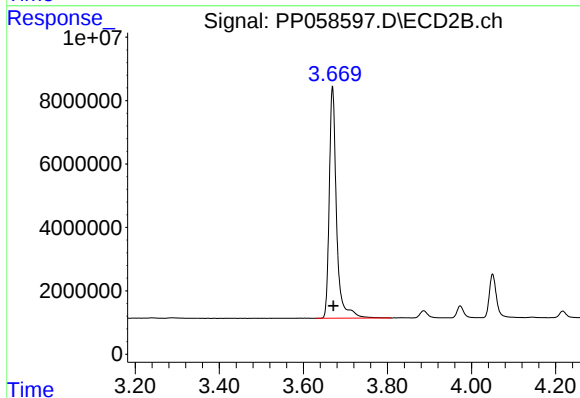
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

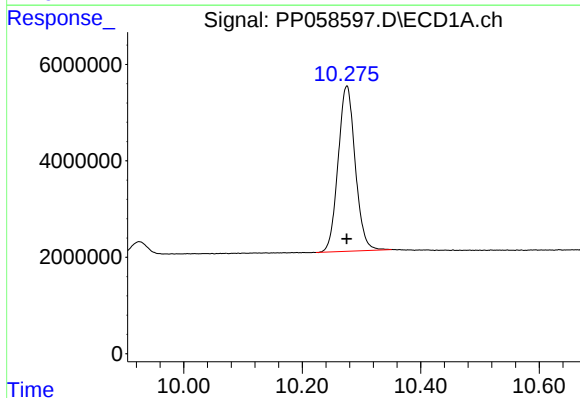
R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 124156580
Conc: 49.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



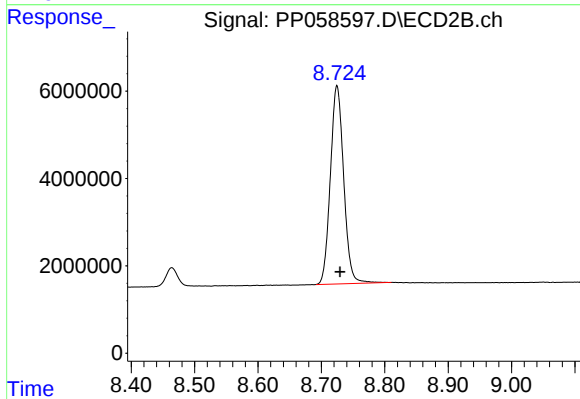
#1 Tetrachloro-m-xylene

R.T.: 3.669 min
Delta R.T.: -0.002 min
Response: 87995001
Conc: 53.95 ng/ml



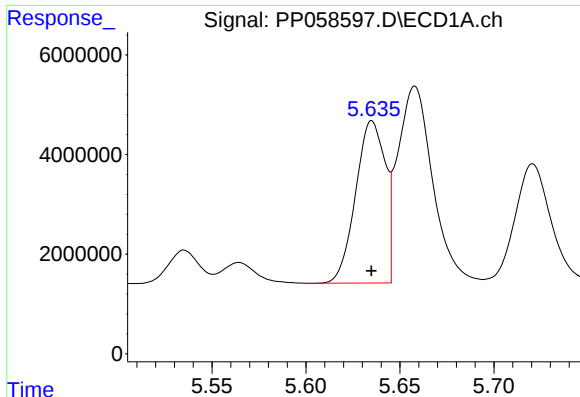
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.000 min
Response: 68755763
Conc: 51.98 ng/ml



#2 Decachlorobiphenyl

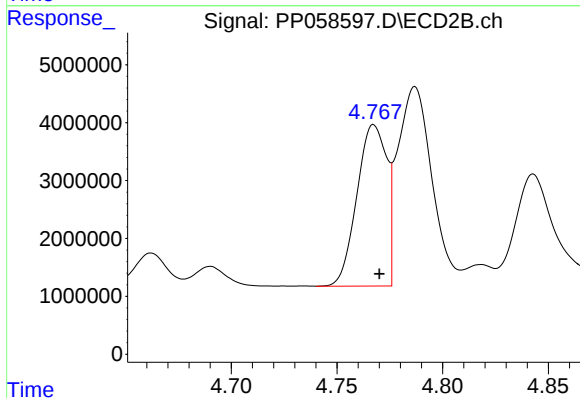
R.T.: 8.725 min
Delta R.T.: -0.005 min
Response: 66357704
Conc: 54.48 ng/ml



#3 AR-1016-1

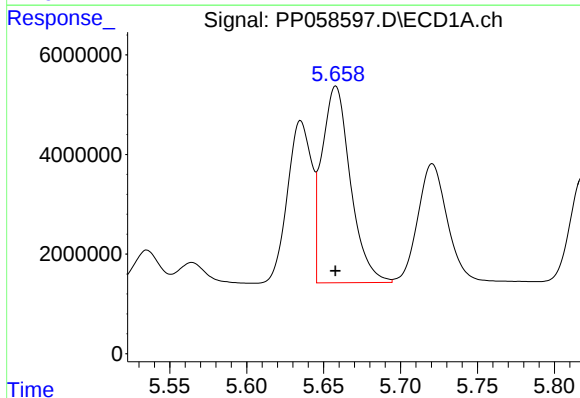
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 35675419
Conc: 499.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



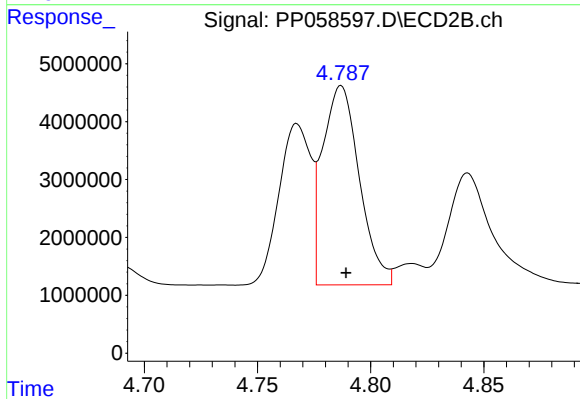
#3 AR-1016-1

R.T.: 4.767 min
Delta R.T.: -0.003 min
Response: 27308020
Conc: 542.58 ng/ml



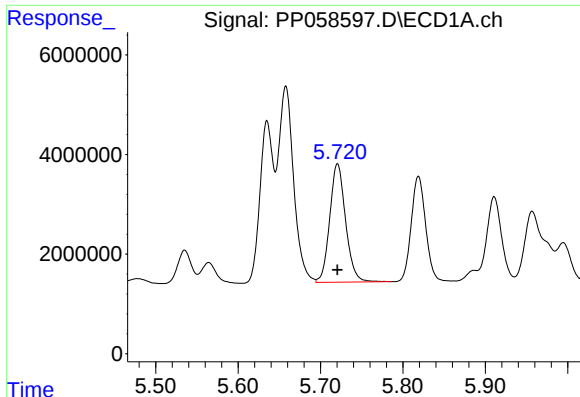
#4 AR-1016-2

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 51033879
Conc: 494.92 ng/ml



#4 AR-1016-2

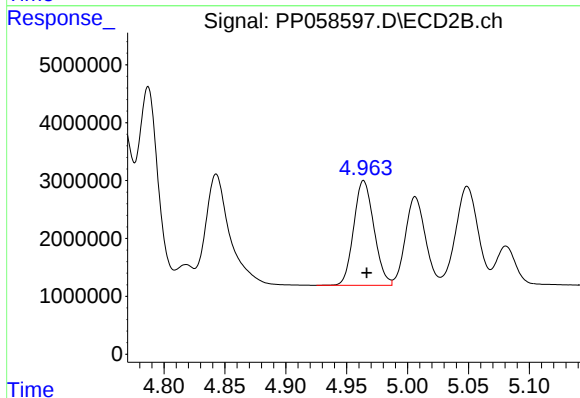
R.T.: 4.787 min
Delta R.T.: -0.002 min
Response: 38932763
Conc: 549.98 ng/ml



#5 AR-1016-3

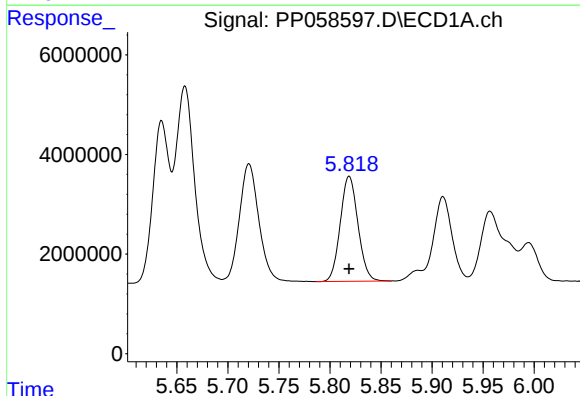
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 31862751
Conc: 496.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



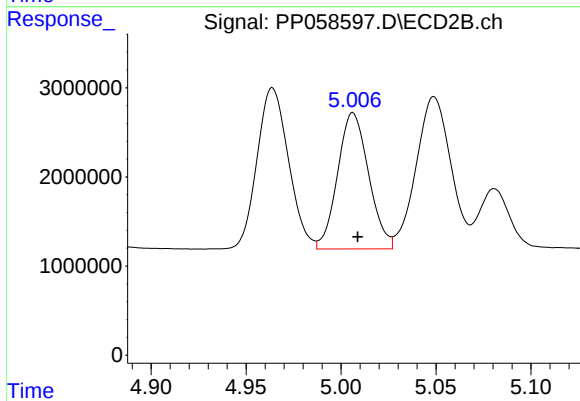
#5 AR-1016-3

R.T.: 4.964 min
Delta R.T.: -0.002 min
Response: 20897912
Conc: 554.82 ng/ml



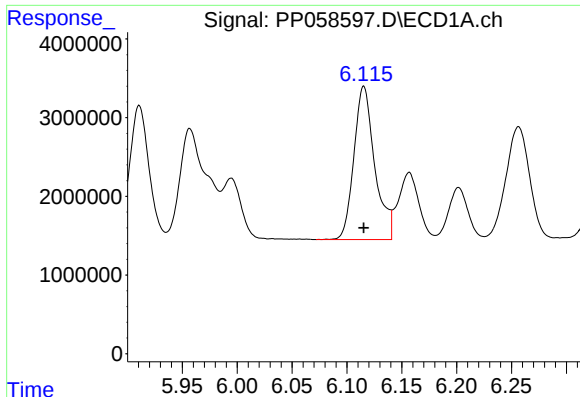
#6 AR-1016-4

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 25513076
Conc: 498.22 ng/ml



#6 AR-1016-4

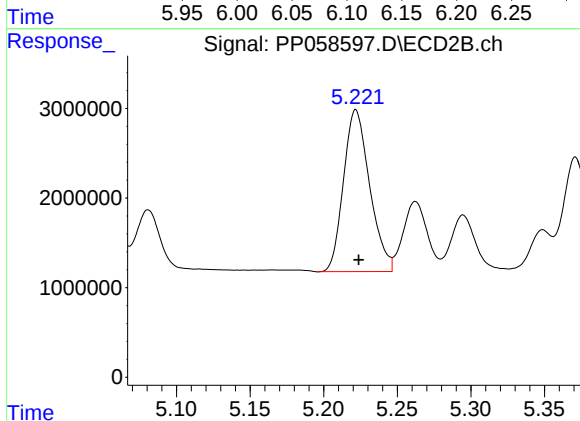
R.T.: 5.006 min
Delta R.T.: -0.002 min
Response: 17407486
Conc: 523.39 ng/ml



#7 AR-1016-5

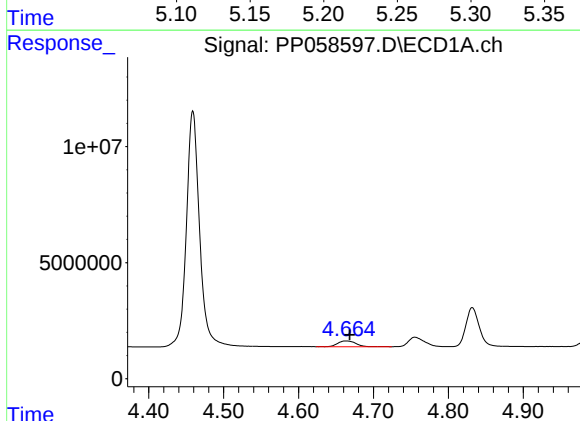
R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 25760363
Conc: 487.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



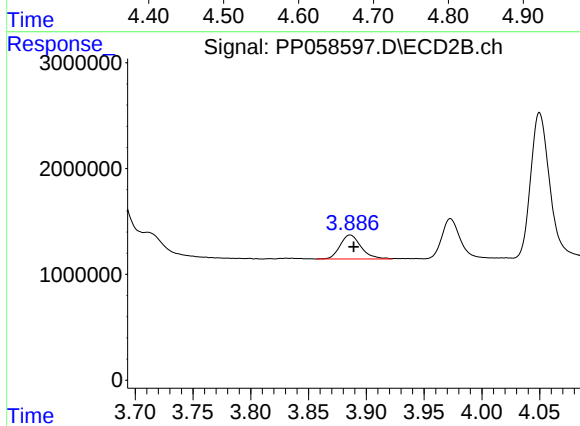
#7 AR-1016-5

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 22341579
Conc: 549.23 ng/ml



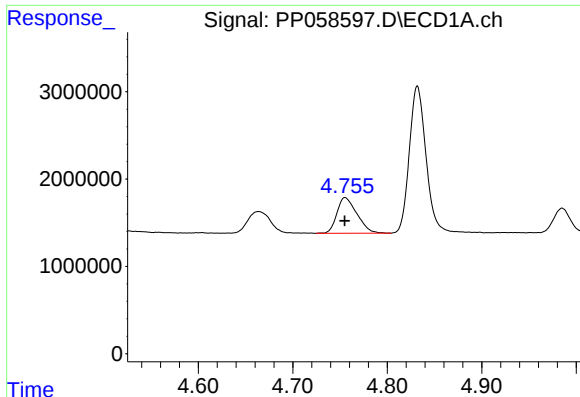
#8 AR-1221-1

R.T.: 4.664 min
Delta R.T.: -0.004 min
Response: 4171497
Conc: 142.72 ng/ml



#8 AR-1221-1

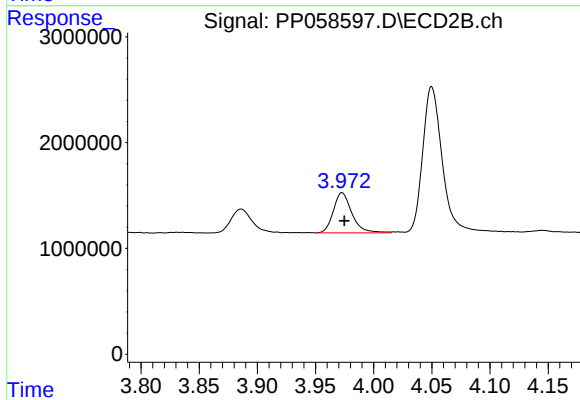
R.T.: 3.886 min
Delta R.T.: -0.003 min
Response: 2848445
Conc: 138.90 ng/ml



#9 AR-1221-2

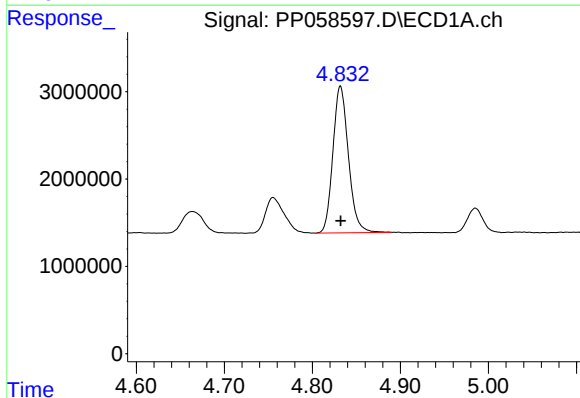
R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 6005796
Conc: 274.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



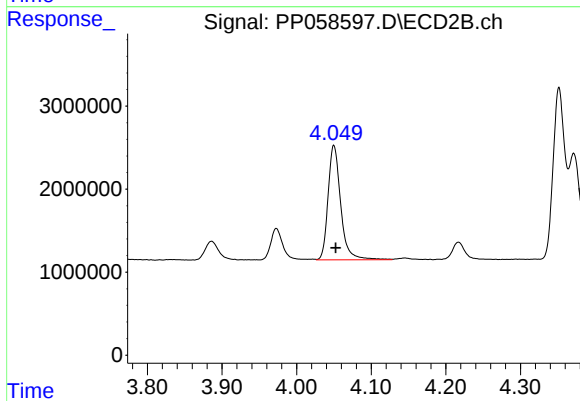
#9 AR-1221-2

R.T.: 3.973 min
Delta R.T.: -0.002 min
Response: 4206413
Conc: 267.41 ng/ml



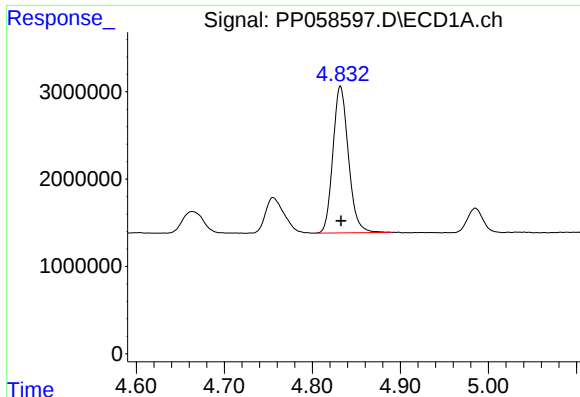
#10 AR-1221-3

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 20559092
Conc: 320.15 ng/ml



#10 AR-1221-3

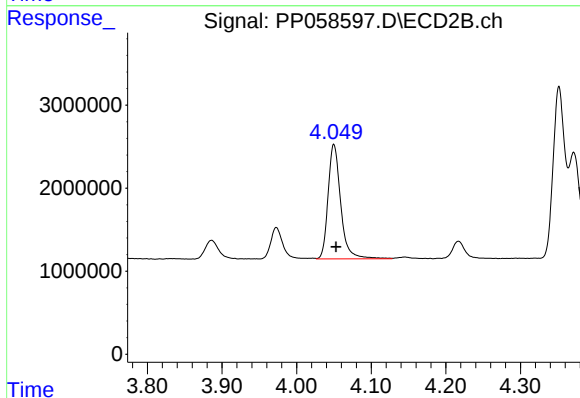
R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 16291931
Conc: 342.16 ng/ml



#11 AR-1232-1

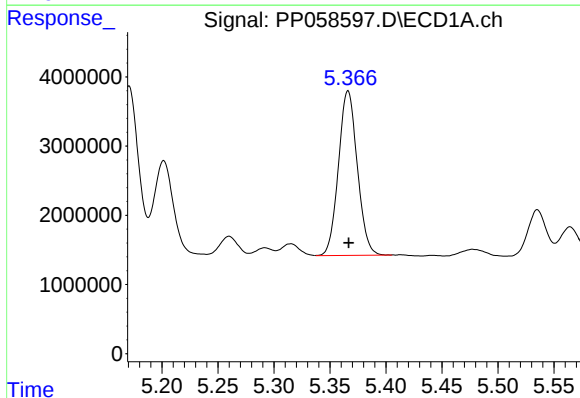
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 20559092
Conc: 442.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



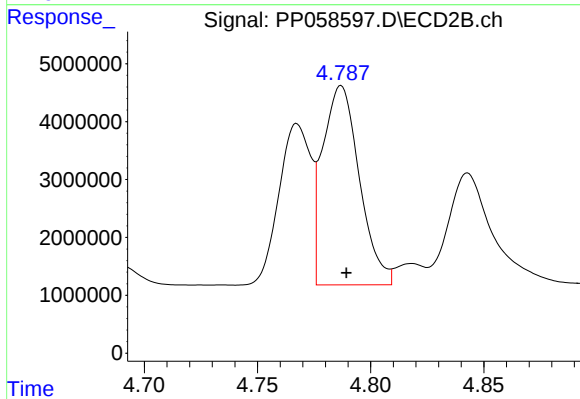
#11 AR-1232-1

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 16291931
Conc: 474.88 ng/ml



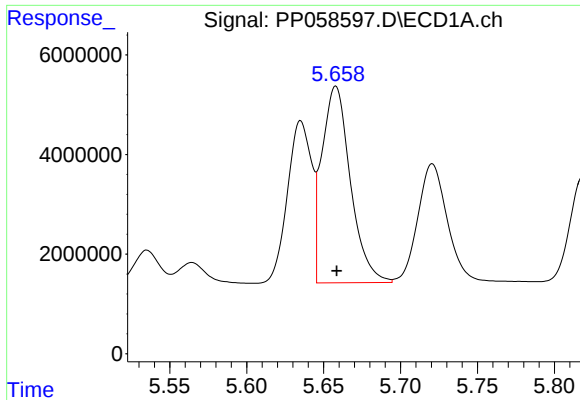
#12 AR-1232-2

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 27804586
Conc: 1037.07 ng/ml



#12 AR-1232-2

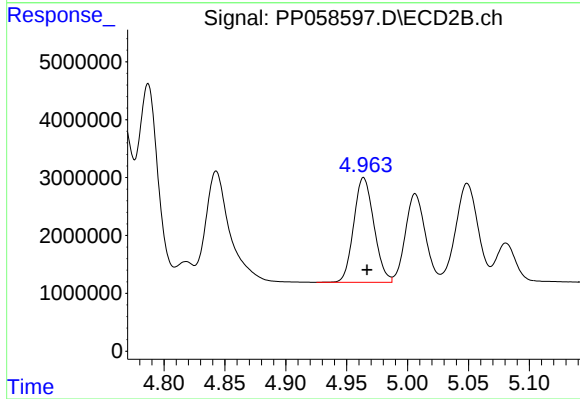
R.T.: 4.787 min
Delta R.T.: -0.002 min
Response: 38932763
Conc: 1202.55 ng/ml



#13 AR-1232-3

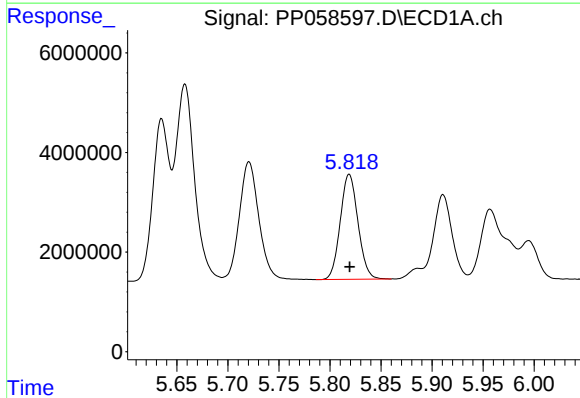
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 51033879
Conc: 1113.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



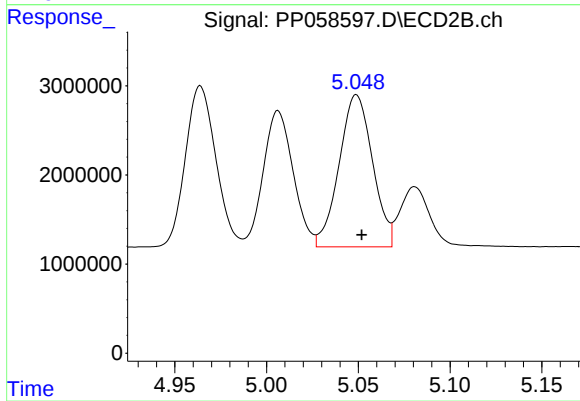
#13 AR-1232-3

R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 20897912
Conc: 1202.24 ng/ml



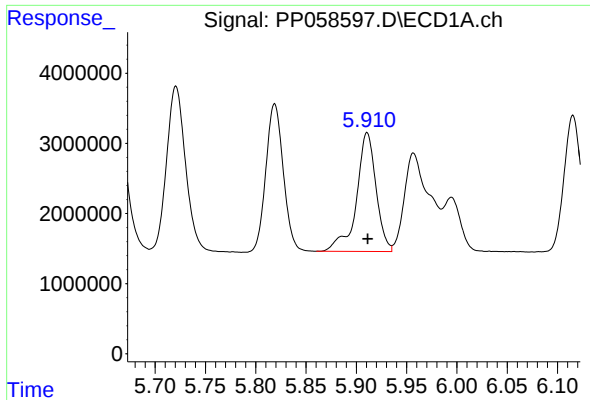
#14 AR-1232-4

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 25513076
Conc: 1098.94 ng/ml



#14 AR-1232-4

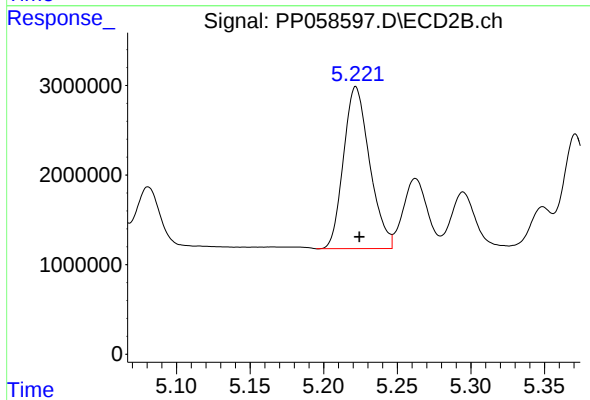
R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 21676316
Conc: 1289.25 ng/ml



#15 AR-1232-5

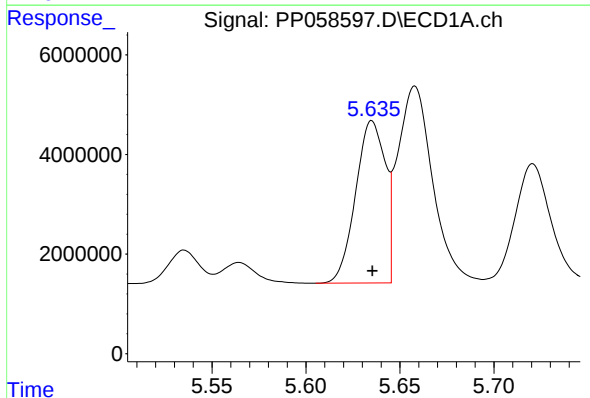
R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 22968042
Conc: 1174.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



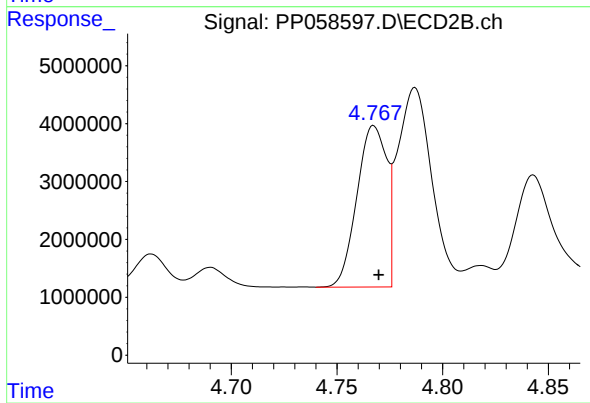
#15 AR-1232-5

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 22341579
Conc: 1208.25 ng/ml



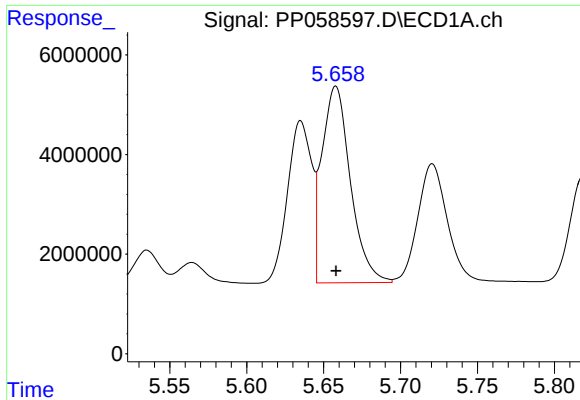
#16 AR-1242-1

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 35675419
Conc: 637.71 ng/ml



#16 AR-1242-1

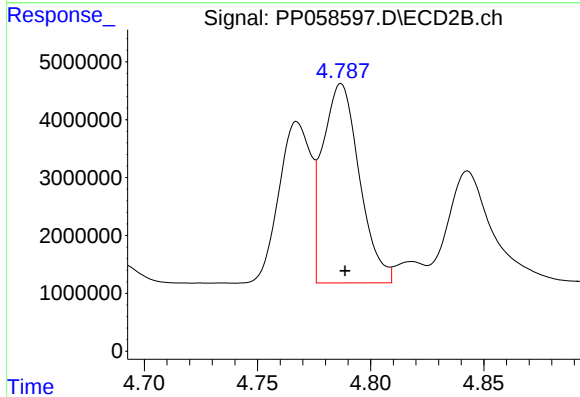
R.T.: 4.767 min
Delta R.T.: -0.002 min
Response: 27308020
Conc: 688.25 ng/ml



#17 AR-1242-2

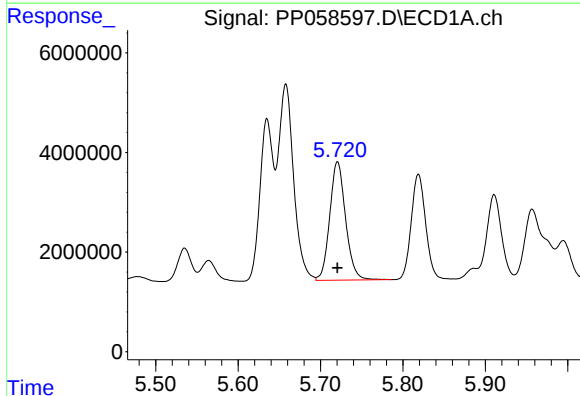
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 51033879
Conc: 635.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



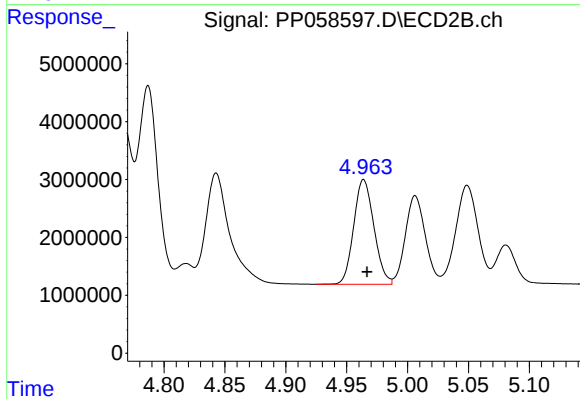
#17 AR-1242-2

R.T.: 4.787 min
Delta R.T.: -0.002 min
Response: 38932763
Conc: 700.58 ng/ml



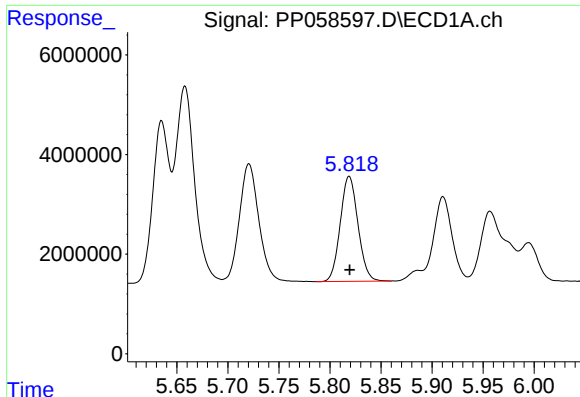
#18 AR-1242-3

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 31862751
Conc: 629.45 ng/ml



#18 AR-1242-3

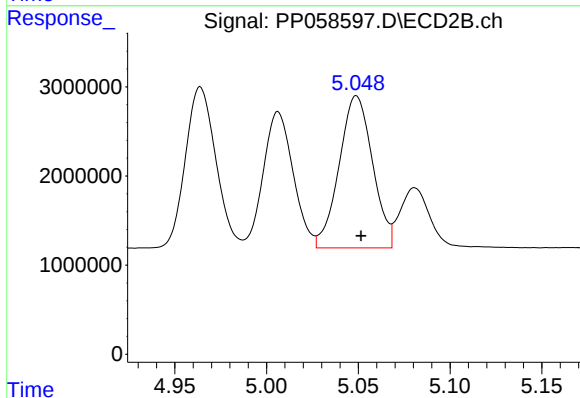
R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 20897912
Conc: 710.70 ng/ml



#19 AR-1242-4

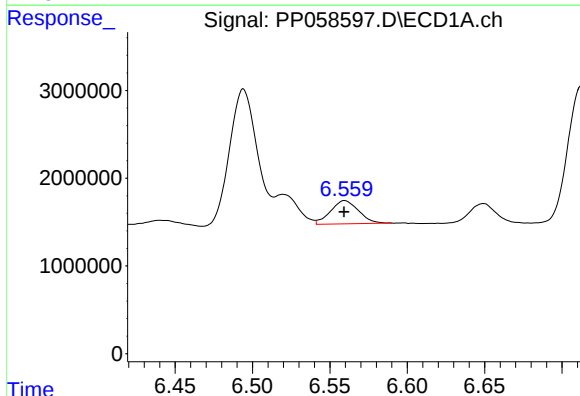
R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 25513076
Conc: 638.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



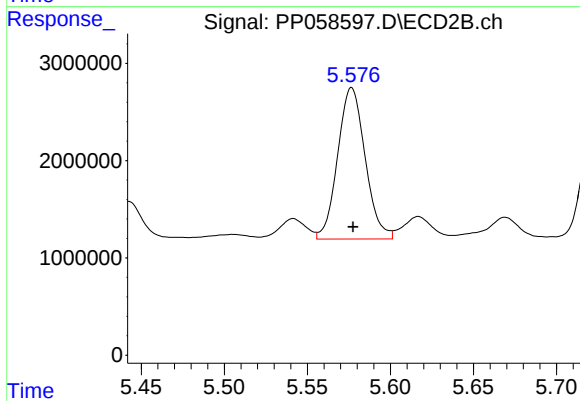
#19 AR-1242-4

R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 21676316
Conc: 670.31 ng/ml



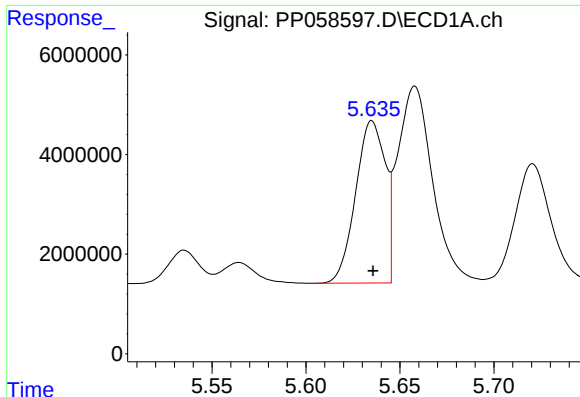
#20 AR-1242-5

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 3342723
Conc: 91.97 ng/ml



#20 AR-1242-5

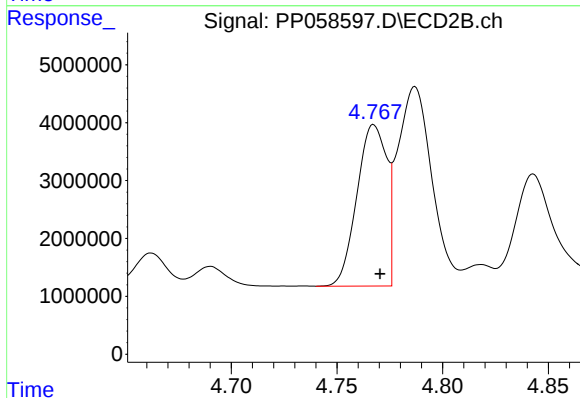
R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 17936666
Conc: 472.93 ng/ml



#21 AR-1248-1

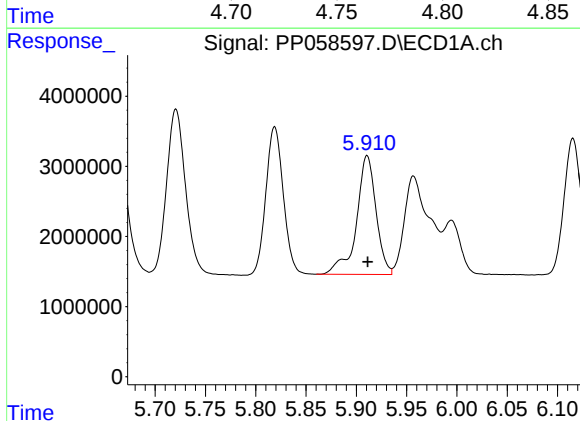
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 35675419
Conc: 840.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



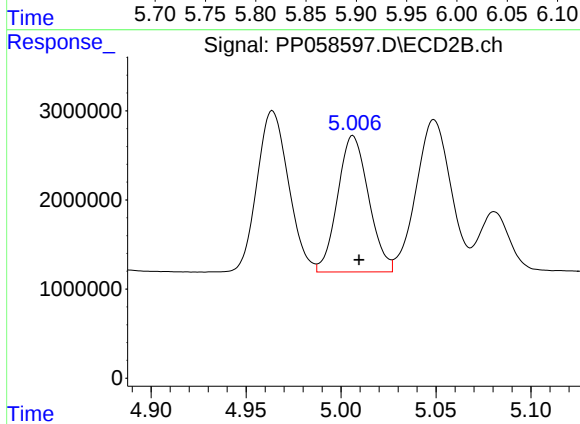
#21 AR-1248-1

R.T.: 4.767 min
Delta R.T.: -0.003 min
Response: 27308020
Conc: 893.95 ng/ml



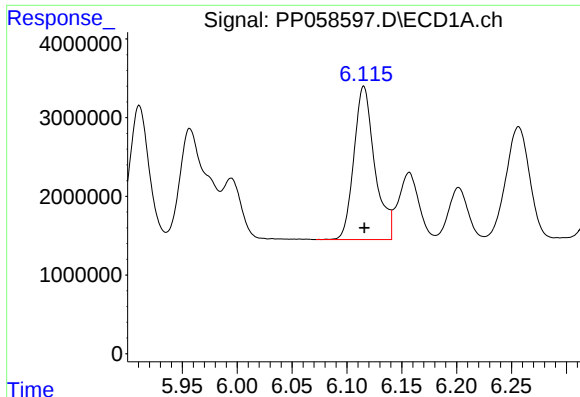
#22 AR-1248-2

R.T.: 5.911 min
Delta R.T.: 0.000 min
Response: 22968042
Conc: 356.27 ng/ml



#22 AR-1248-2

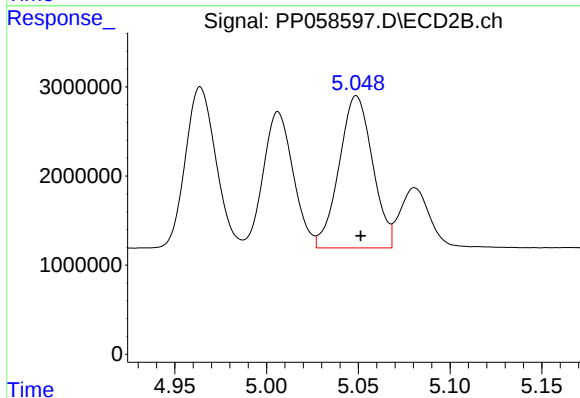
R.T.: 5.006 min
Delta R.T.: -0.003 min
Response: 17407486
Conc: 380.44 ng/ml



#23 AR-1248-3

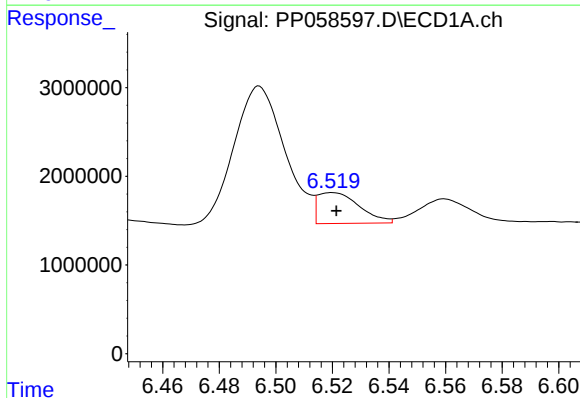
R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 25760363
Conc: 365.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



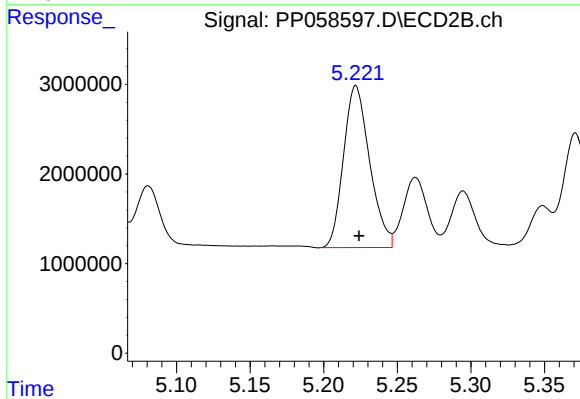
#23 AR-1248-3

R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 21676316
Conc: 456.94 ng/ml



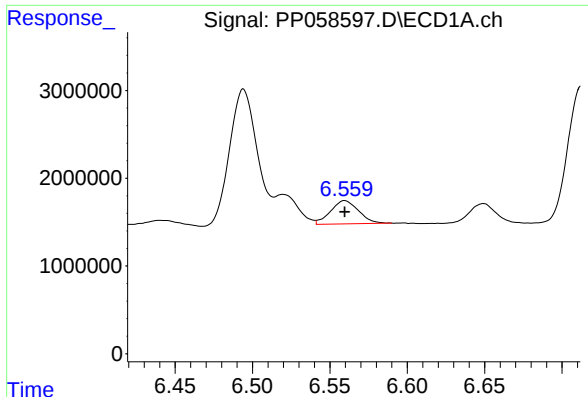
#24 AR-1248-4

R.T.: 6.520 min
Delta R.T.: -0.001 min
Response: 3553307
Conc: 52.04 ng/ml



#24 AR-1248-4

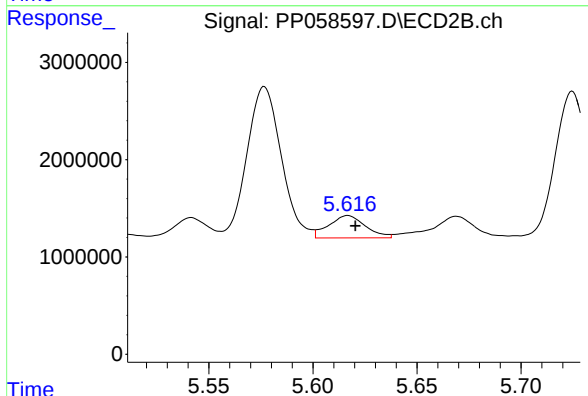
R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 22341579
Conc: 408.13 ng/ml



#25 AR-1248-5

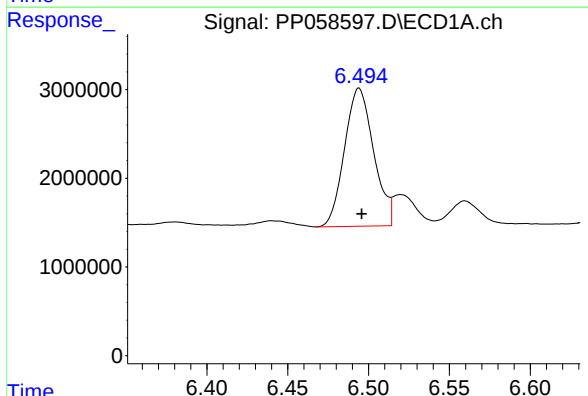
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 3342723
Conc: 52.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



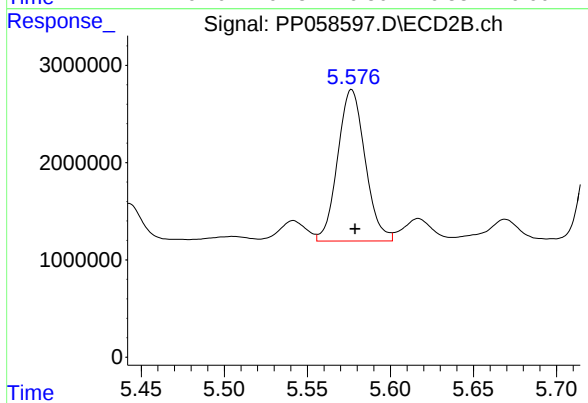
#25 AR-1248-5

R.T.: 5.617 min
Delta R.T.: -0.004 min
Response: 2829905
Conc: 57.66 ng/ml



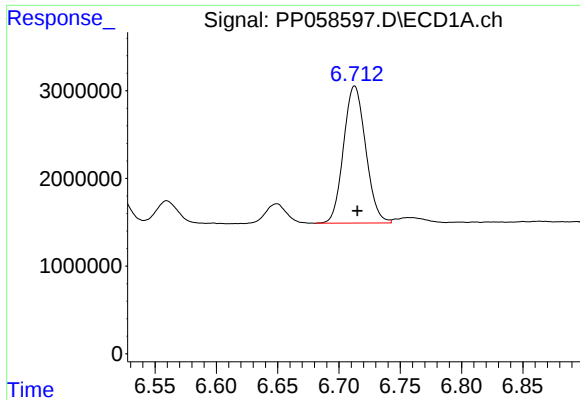
#26 AR-1254-1

R.T.: 6.494 min
Delta R.T.: -0.002 min
Response: 19504230
Conc: 254.39 ng/ml



#26 AR-1254-1

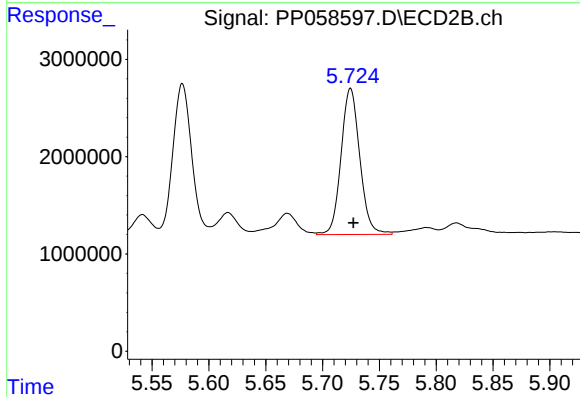
R.T.: 5.577 min
Delta R.T.: -0.002 min
Response: 17936666
Conc: 232.49 ng/ml



#27 AR-1254-2

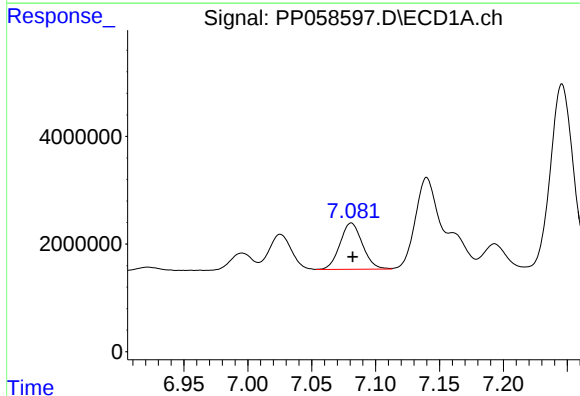
R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 19650876
Conc: 177.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



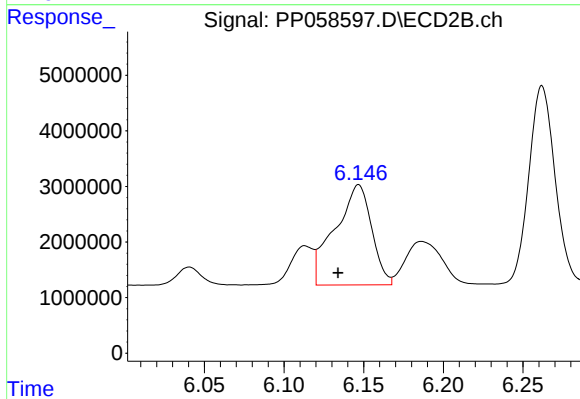
#27 AR-1254-2

R.T.: 5.725 min
Delta R.T.: -0.003 min
Response: 17258532
Conc: 252.09 ng/ml



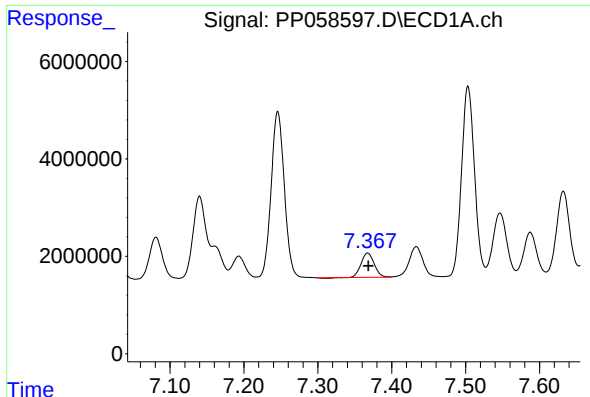
#28 AR-1254-3

R.T.: 7.081 min
Delta R.T.: -0.001 min
Response: 10533000
Conc: 98.20 ng/ml



#28 AR-1254-3

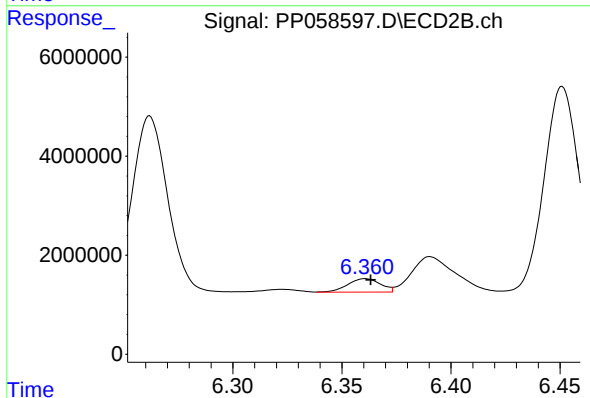
R.T.: 6.147 min
Delta R.T.: 0.013 min
Response: 28866123
Conc: 275.04 ng/ml



#29 AR-1254-4

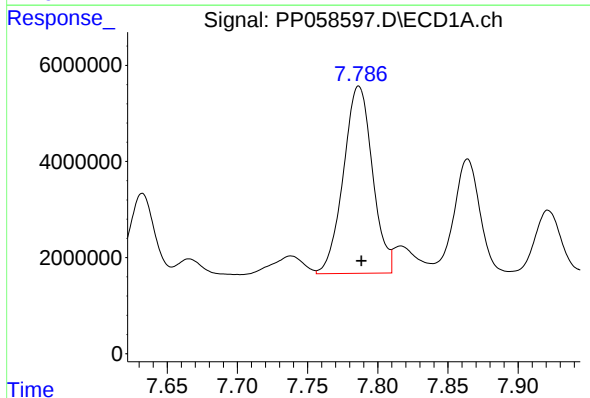
R.T.: 7.367 min
Delta R.T.: -0.001 min
Response: 6093742
Conc: 83.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



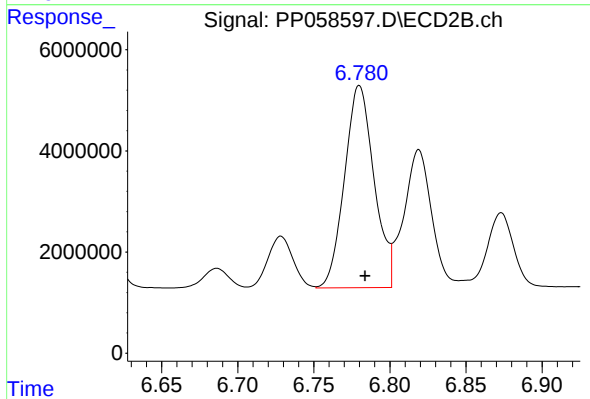
#29 AR-1254-4

R.T.: 6.361 min
Delta R.T.: -0.002 min
Response: 2855549
Conc: 47.79 ng/ml



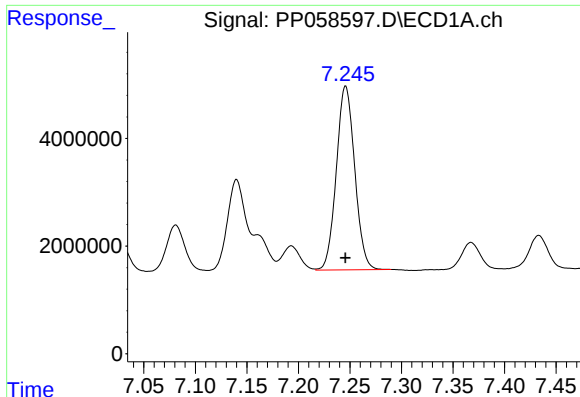
#30 AR-1254-5

R.T.: 7.787 min
Delta R.T.: -0.002 min
Response: 56110879
Conc: 694.22 ng/ml



#30 AR-1254-5

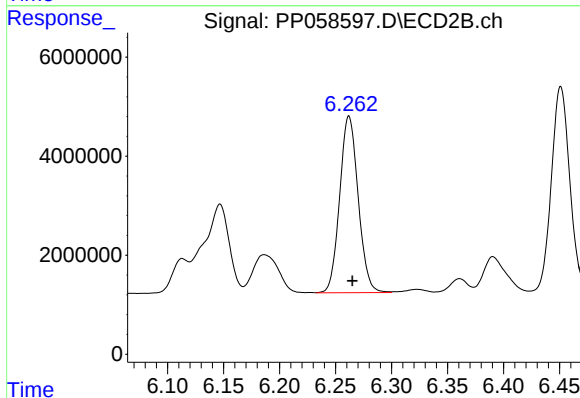
R.T.: 6.780 min
Delta R.T.: -0.004 min
Response: 54059004
Conc: 584.59 ng/ml



#31 AR-1260-1

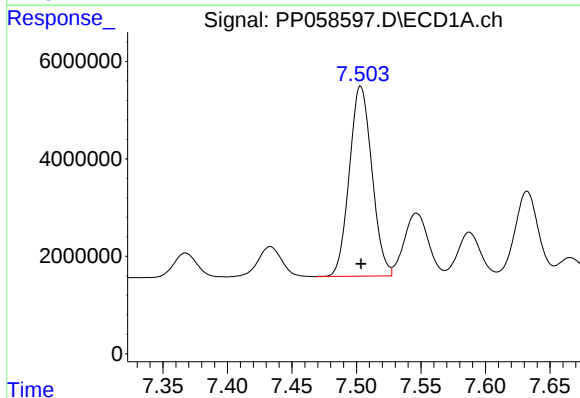
R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 42388435
Conc: 485.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



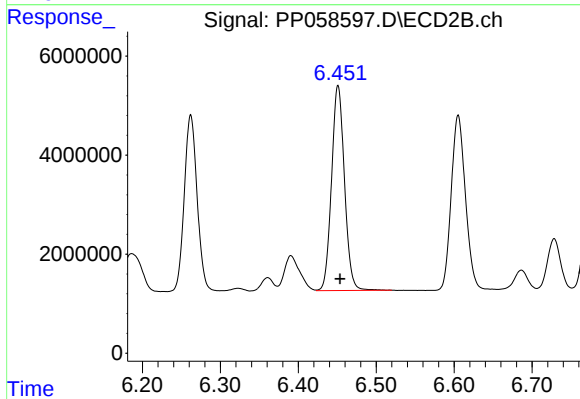
#31 AR-1260-1

R.T.: 6.262 min
Delta R.T.: -0.003 min
Response: 41022784
Conc: 530.81 ng/ml



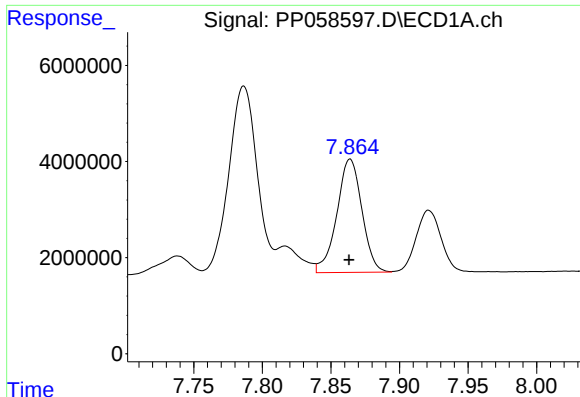
#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 47507073
Conc: 491.87 ng/ml



#32 AR-1260-2

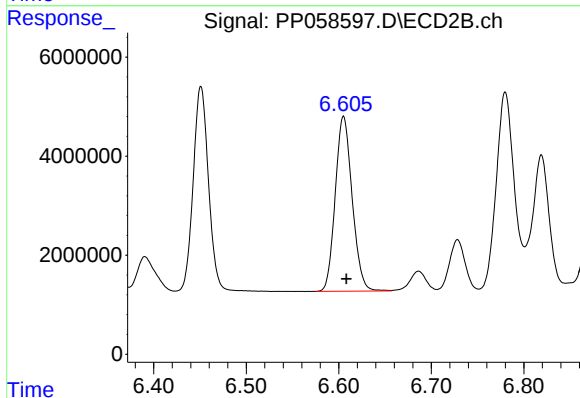
R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 47794229
Conc: 540.45 ng/ml



#33 AR-1260-3

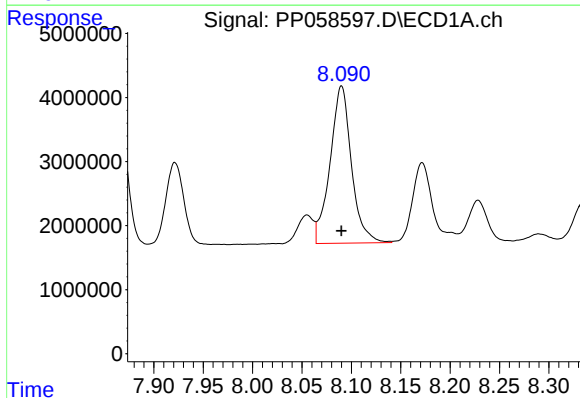
R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 30004116
Conc: 490.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



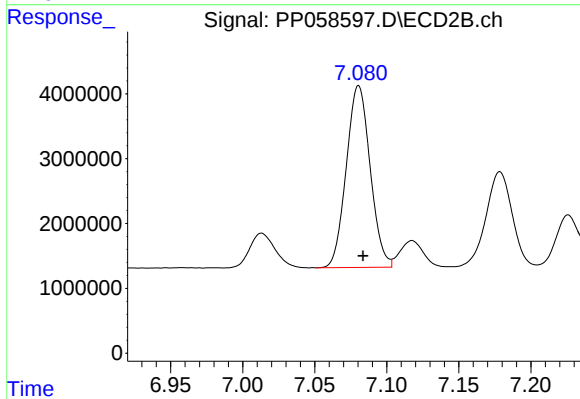
#33 AR-1260-3

R.T.: 6.605 min
Delta R.T.: -0.003 min
Response: 44949926
Conc: 533.10 ng/ml



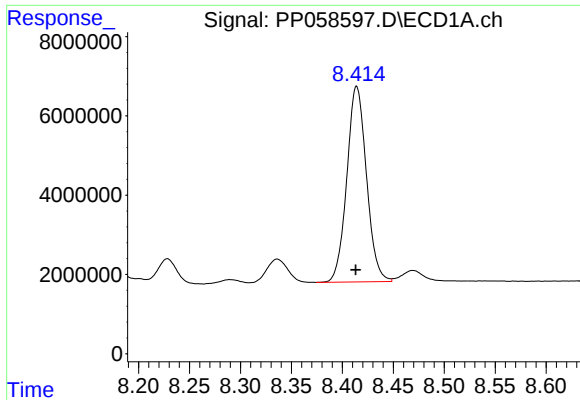
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 37021856
Conc: 499.43 ng/ml



#34 AR-1260-4

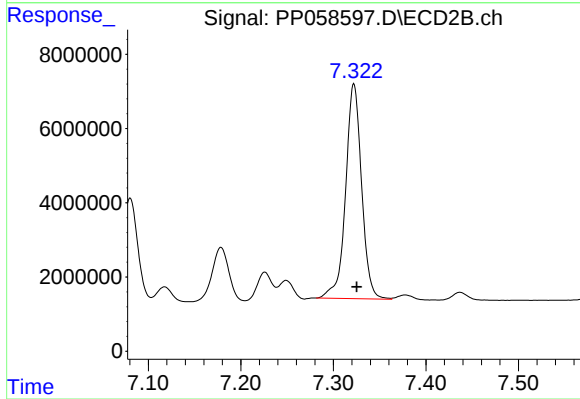
R.T.: 7.080 min
Delta R.T.: -0.003 min
Response: 32376571
Conc: 537.03 ng/ml



#35 AR-1260-5

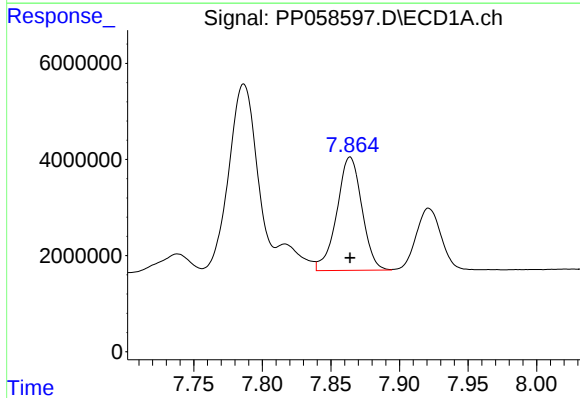
R.T.: 8.414 min
Delta R.T.: 0.000 min
Response: 66329595
Conc: 509.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



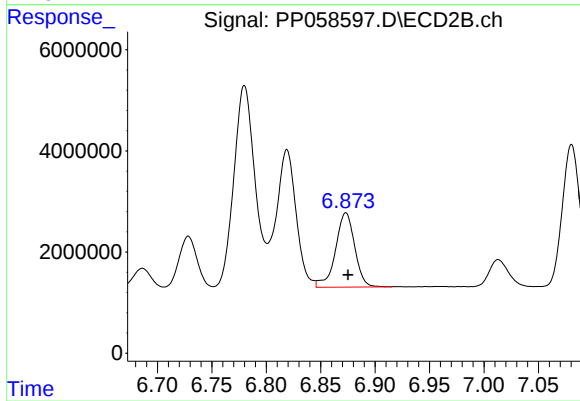
#35 AR-1260-5

R.T.: 7.322 min
Delta R.T.: -0.003 min
Response: 69542194
Conc: 543.60 ng/ml



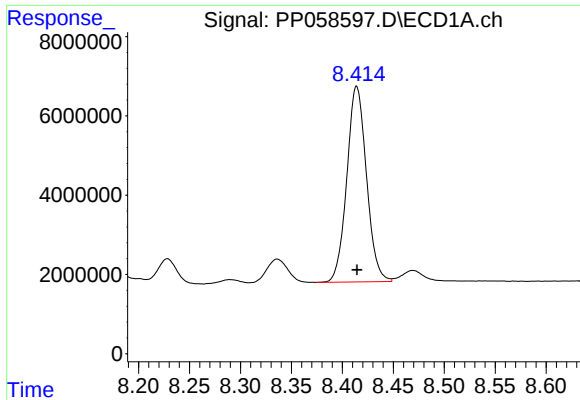
#36 AR-1262-1

R.T.: 7.864 min
Delta R.T.: 0.000 min
Response: 30004116
Conc: 291.67 ng/ml



#36 AR-1262-1

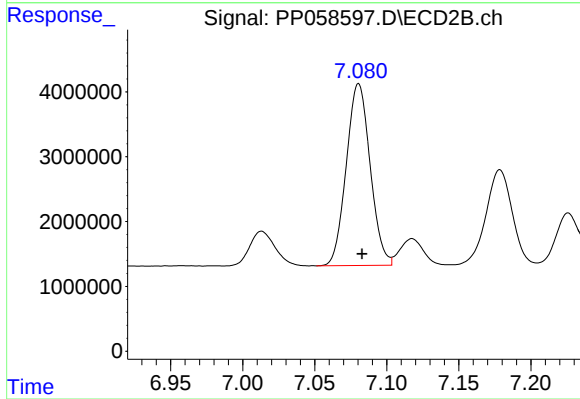
R.T.: 6.873 min
Delta R.T.: -0.002 min
Response: 18049251
Conc: 424.88 ng/ml



#37 AR-1262-2

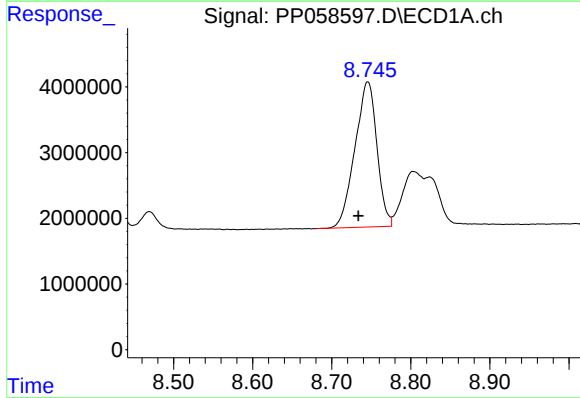
R.T.: 8.414 min
Delta R.T.: 0.000 min
Response: 66329595
Conc: 394.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



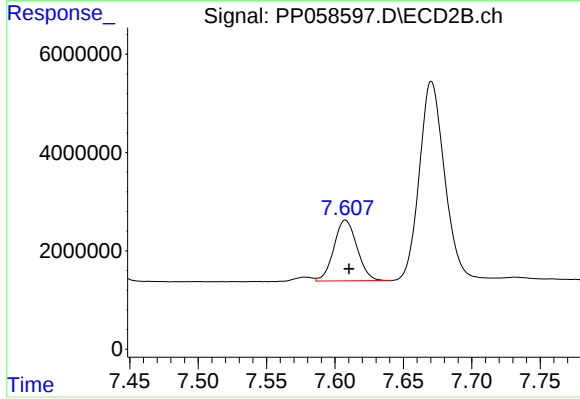
#37 AR-1262-2

R.T.: 7.080 min
Delta R.T.: -0.002 min
Response: 32376571
Conc: 358.38 ng/ml



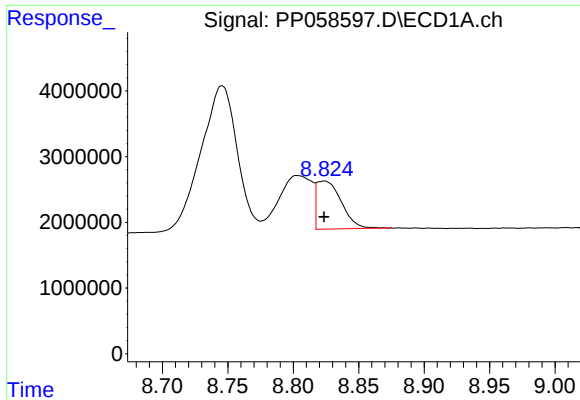
#38 AR-1262-3

R.T.: 8.746 min
Delta R.T.: 0.012 min
Response: 42711661
Conc: 374.32 ng/ml



#38 AR-1262-3

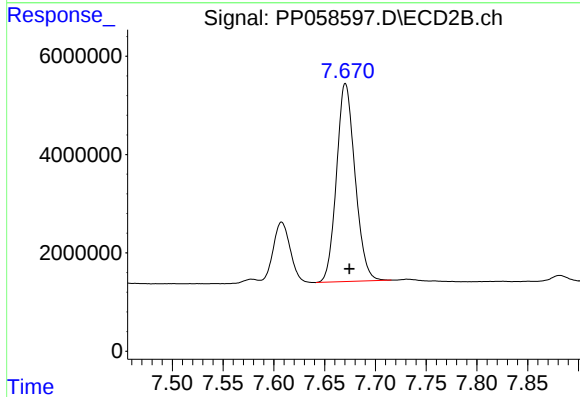
R.T.: 7.608 min
Delta R.T.: -0.003 min
Response: 14503912
Conc: 212.71 ng/ml



#39 AR-1262-4

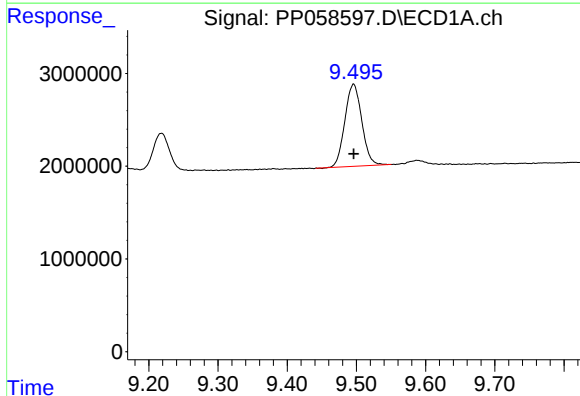
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 9539412
Conc: 110.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



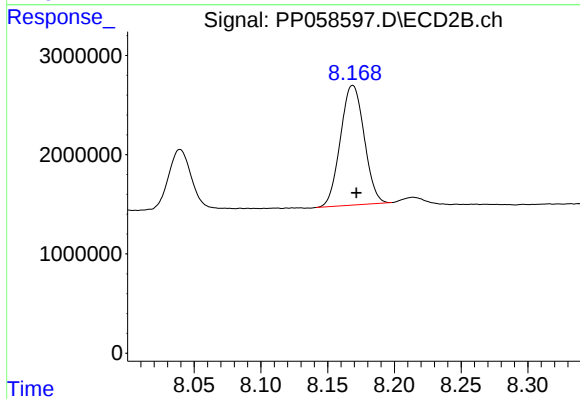
#39 AR-1262-4

R.T.: 7.671 min
Delta R.T.: -0.004 min
Response: 51222612
Conc: 419.21 ng/ml



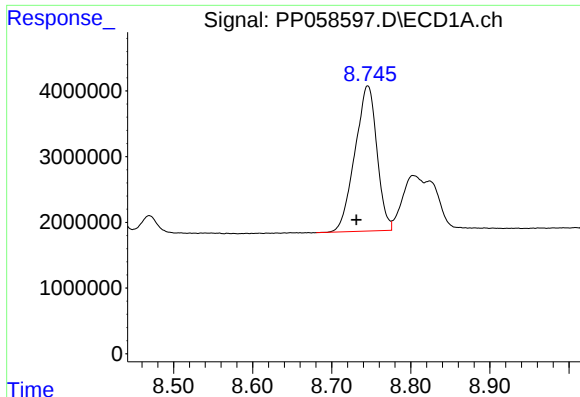
#40 AR-1262-5

R.T.: 9.496 min
Delta R.T.: 0.000 min
Response: 15084404
Conc: 275.00 ng/ml



#40 AR-1262-5

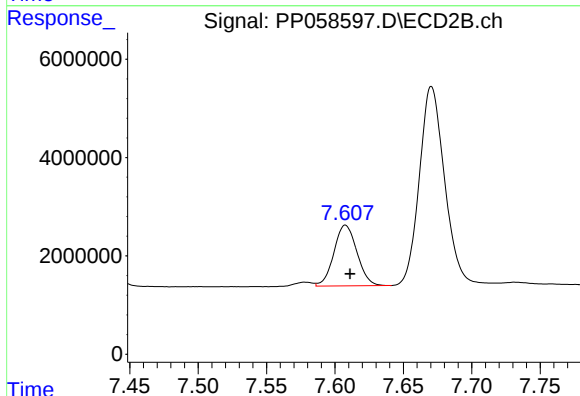
R.T.: 8.169 min
Delta R.T.: -0.003 min
Response: 14941395
Conc: 282.59 ng/ml



#41 AR-1268-1

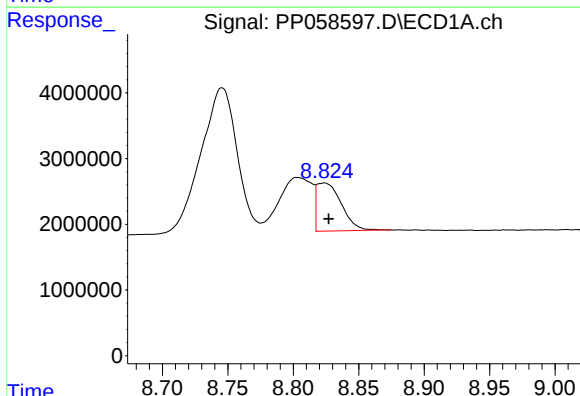
R.T.: 8.746 min
Delta R.T.: 0.014 min
Response: 42711661
Conc: 217.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



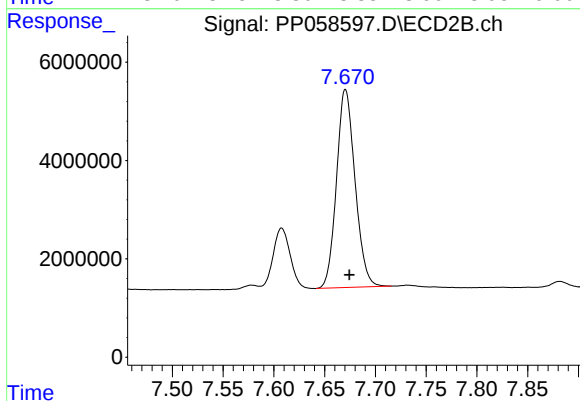
#41 AR-1268-1

R.T.: 7.608 min
Delta R.T.: -0.003 min
Response: 14503912
Conc: 78.57 ng/ml



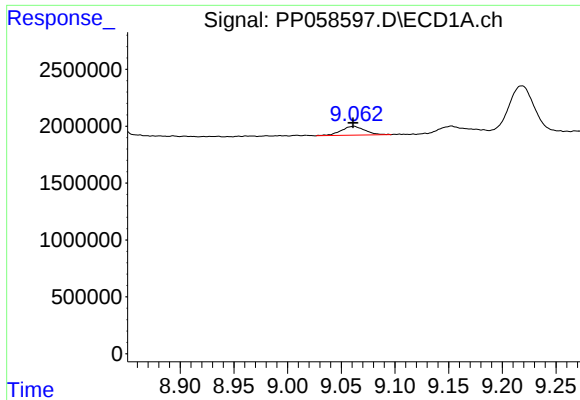
#42 AR-1268-2

R.T.: 8.824 min
Delta R.T.: -0.003 min
Response: 9539412
Conc: 55.10 ng/ml



#42 AR-1268-2

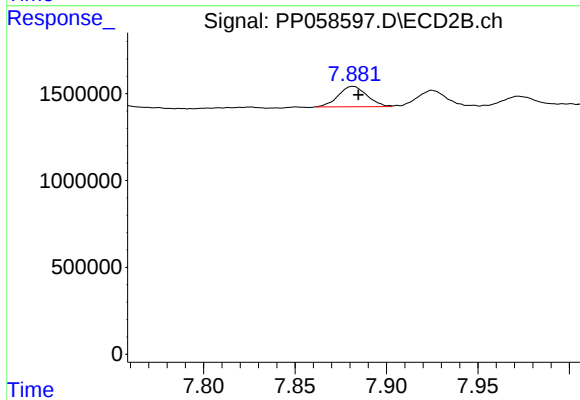
R.T.: 7.671 min
Delta R.T.: -0.004 min
Response: 51222612
Conc: 310.50 ng/ml



#43 AR-1268-3

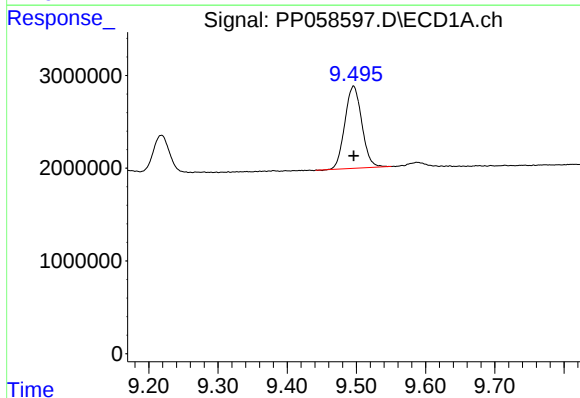
R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 1215845
Conc: 7.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



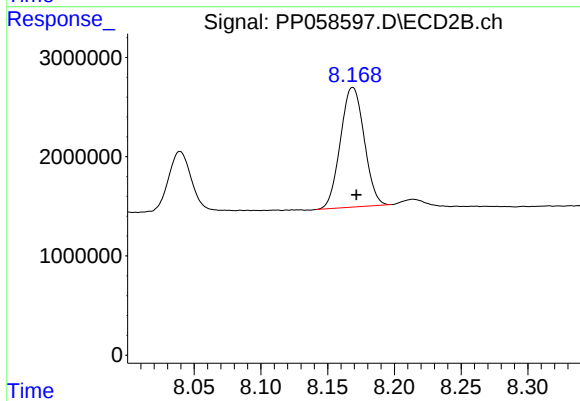
#43 AR-1268-3

R.T.: 7.882 min
Delta R.T.: -0.003 min
Response: 1278538
Conc: 8.83 ng/ml



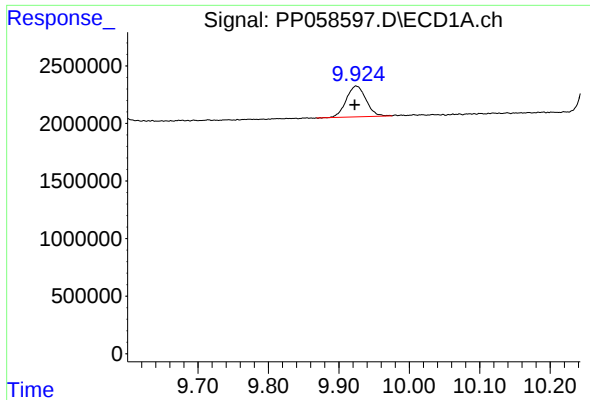
#44 AR-1268-4

R.T.: 9.496 min
Delta R.T.: 0.000 min
Response: 15084404
Conc: 263.71 ng/ml



#44 AR-1268-4

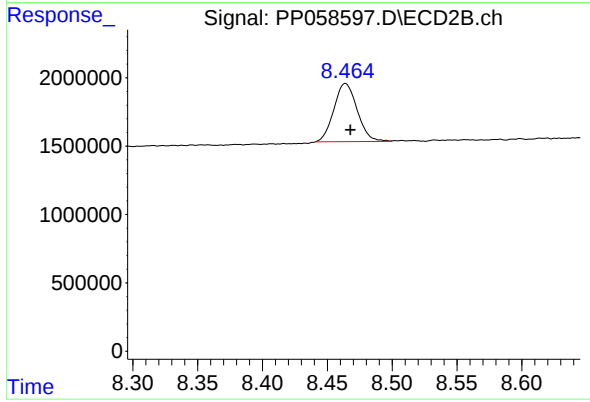
R.T.: 8.169 min
Delta R.T.: -0.003 min
Response: 14941395
Conc: 274.59 ng/ml



#45 AR-1268-5

R.T.: 9.925 min
Delta R.T.: 0.002 min
Response: 5199894
Conc: 11.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.464 min
Delta R.T.: -0.004 min
Response: 5332518
Conc: 12.81 ng/ml