

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022323\
 Data File : PP055884.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 22:12
 Operator : YP\AJ
 Sample : 01653-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 23:26:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.313	3.581	181.7E6	123.4E6	112.777	84.493 #
2)	SA Decachlor...	0.000	8.570	0	14928016	N.D.	13.158 #
Target Compounds							
3)	L1 AR-1016-1	5.518f	4.643	177.4E6	9966527	2972.571	221.330 #
4)	L1 AR-1016-2	5.518	4.665	177.4E6	24889244	2027.503	383.242 #
5)	L1 AR-1016-3	5.600f	4.833	93314045	5395325	1679.829	155.248 #
6)	L1 AR-1016-4	5.668	4.891	14943550	15992027	335.347	535.016 #
7)	L1 AR-1016-5	5.978	5.094	197.3E6	1317159	4085.277	33.318 #
8)	L2 AR-1221-1	4.550f	0.000	44246419	0	2125.737	N.D. #
9)	L2 AR-1221-2	4.605f	0.000	798.7E6	0	50212.643	N.D. #
10)	L2 AR-1221-3	4.705	3.957	8068393	193.9E6	166.315	4645.538 #
11)	L3 AR-1232-1	4.705	3.957	8068393	193.9E6	203.696	5632.277 #
12)	L3 AR-1232-2	5.250f	4.665	88207075	24889244	4246.557	848.008 #
13)	L3 AR-1232-3	5.518	4.833	177.4E6	5395325	4501.736	355.019 #
14)	L3 AR-1232-4	5.668	4.923	14943550	10625587	762.827	700.914
15)	L3 AR-1232-5	5.772	5.094	8006434	1317159	500.612	80.356 #
16)	L4 AR-1242-1	5.518f	4.643	177.4E6	9966527	3673.601	270.881 #
17)	L4 AR-1242-2	5.518	4.665	177.4E6	24889244	2496.302	472.535 #
18)	L4 AR-1242-3	5.600f	4.833	93314045	5395325	2091.576	190.577 #
19)	L4 AR-1242-4	5.668	4.923	14943550	10625587	413.600	344.396
20)	L4 AR-1242-5	6.396f	5.448	3780.1E6	15855638	90239.760	476.012 #
21)	L5 AR-1248-1	5.518f	4.643	177.4E6	9966527	4875.467	356.864 #
22)	L5 AR-1248-2	5.772	4.891	8006434	15992027	139.151	375.923 #
23)	L5 AR-1248-3	5.978	4.923	197.3E6	10625587	3035.723	238.770 #
24)	L5 AR-1248-4	6.396f	5.094	3780.1E6	1317159	52100.696	25.725 #
25)	L5 AR-1248-5	6.396f	5.496	3780.1E6	2606632	53332.169	59.139 #
26)	L6 AR-1254-1	6.354	5.448	4413705	15855638	60.032	215.511 #
27)	L6 AR-1254-2	6.568	5.599	17895232	7806910	155.066	124.083
28)	L6 AR-1254-3	6.941	6.005	37223419	6346039	302.460	64.704 #
29)	L6 AR-1254-4	7.225	6.254f	35765007	15873158	389.385	288.360 #
30)	L6 AR-1254-5	7.667f	6.651	5862438	26951790	55.778	331.719 #
31)	L7 AR-1260-1	7.114	0.000	42635174	0	411.759	N.D. #
32)	L7 AR-1260-2	7.360	6.332	7694283	5298181	61.177	64.930
33)	L7 AR-1260-3	7.723	6.494	21754657	4260165	247.698	50.412 #
34)	L7 AR-1260-4	7.953	0.000	22155834	0	206.149	N.D. #
35)	L7 AR-1260-5	8.267	7.188	20716265	3976355	100.346	29.376 #
36)	L8 AR-1262-1	7.723	6.765f	21754657	33625549	184.391	953.966 #
37)	L8 AR-1262-2	8.267	0.000	20716265	0	94.389	N.D. #
38)	L8 AR-1262-3	8.554f	0.000	33732581	0	220.649	N.D. #
39)	L8 AR-1262-4	0.000	7.533	0	100.9E6	N.D.	993.698 #
40)	L8 AR-1262-5	9.309	8.064f	40253139	284.9E6	488.234	6264.005 #
41)	L9 AR-1268-1	8.554f	0.000	33732581	0	118.195	N.D. #

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 Acq On : 23 Feb 2023 22:12
 Operator : YP\AJ
 Sample : 01653-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

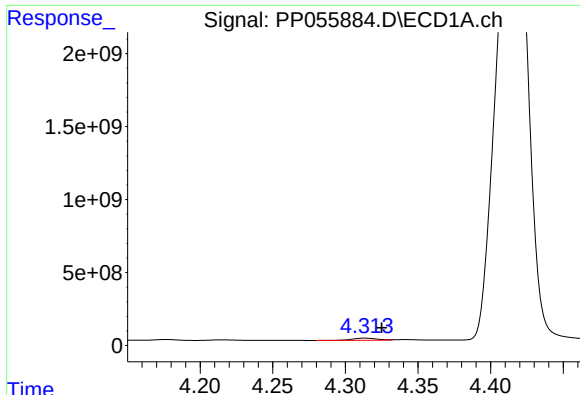
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 23:26:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.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	0.000	7.533	0	100.9E6	N.D.	659.492 #
43) L9	AR-1268-3	8.897	7.755	2174139	63619586	9.239	463.657 #
44) L9	AR-1268-4	9.309	8.064f	40253139	284.9E6	407.713	5177.764 #
45) L9	AR-1268-5	9.736	8.300f	31140071	1604308	41.364	3.977 #

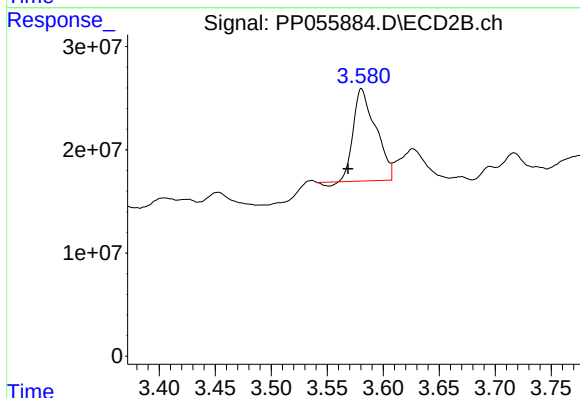
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

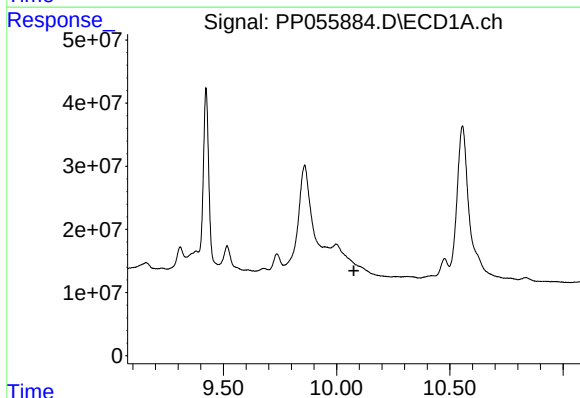
R.T.: 4.313 min
Delta R.T.: -0.012 min
Response: 181710558
Conc: 112.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



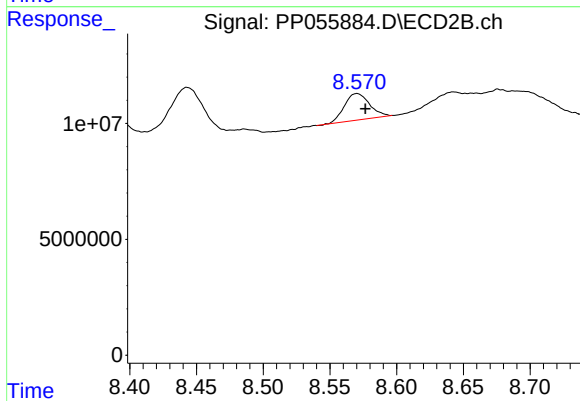
#1 Tetrachloro-m-xylene

R.T.: 3.581 min
Delta R.T.: 0.012 min
Response: 123374257
Conc: 84.49 ng/ml



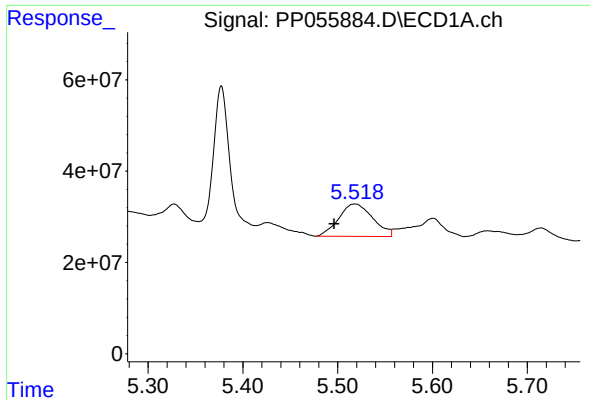
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 10.076 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

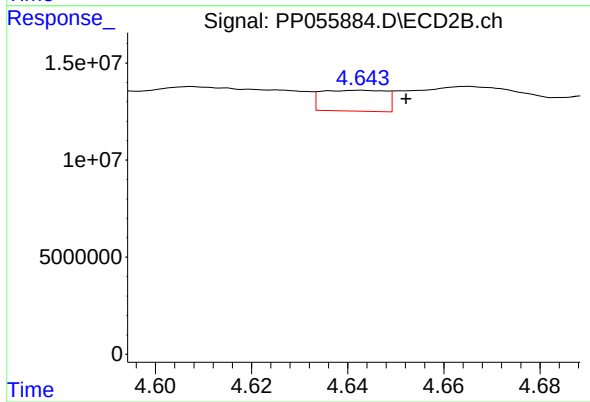
R.T.: 8.570 min
Delta R.T.: -0.006 min
Response: 14928016
Conc: 13.16 ng/ml



#3 AR-1016-1

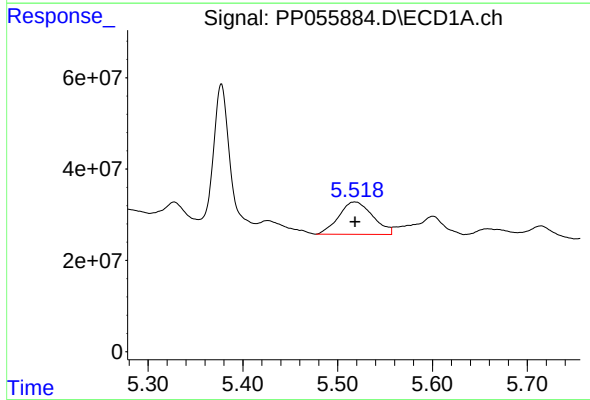
R.T.: 5.518 min
Delta R.T.: 0.022 min
Response: 177384559
Conc: 2972.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



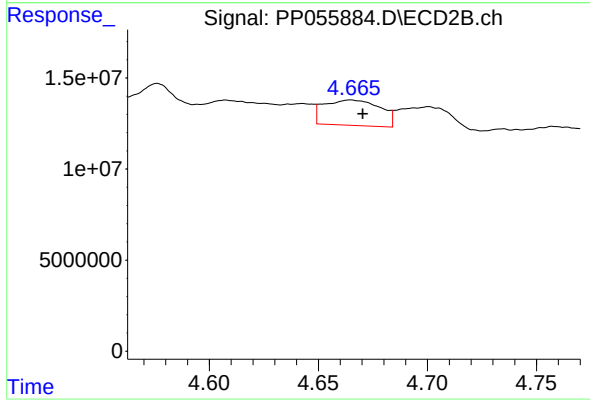
#3 AR-1016-1

R.T.: 4.643 min
Delta R.T.: -0.009 min
Response: 9966527
Conc: 221.33 ng/ml



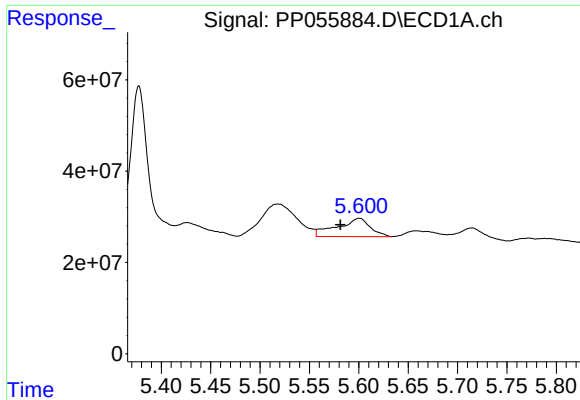
#4 AR-1016-2

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 177384559
Conc: 2027.50 ng/ml



#4 AR-1016-2

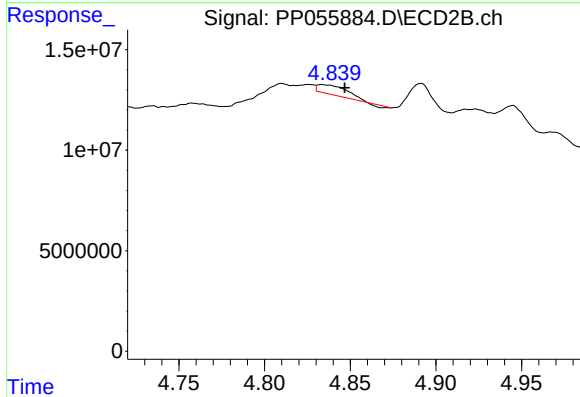
R.T.: 4.665 min
Delta R.T.: -0.005 min
Response: 24889244
Conc: 383.24 ng/ml



#5 AR-1016-3

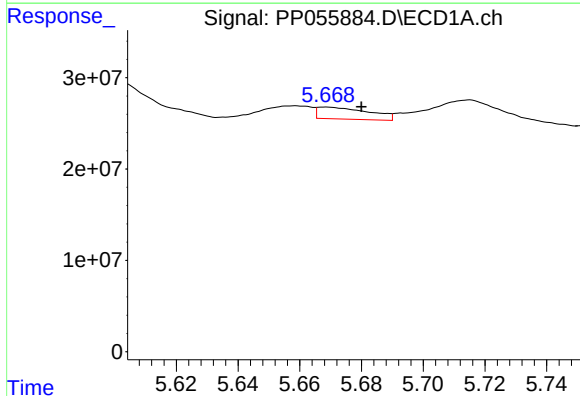
R.T.: 5.600 min
Delta R.T.: 0.019 min
Response: 93314045
Conc: 1679.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



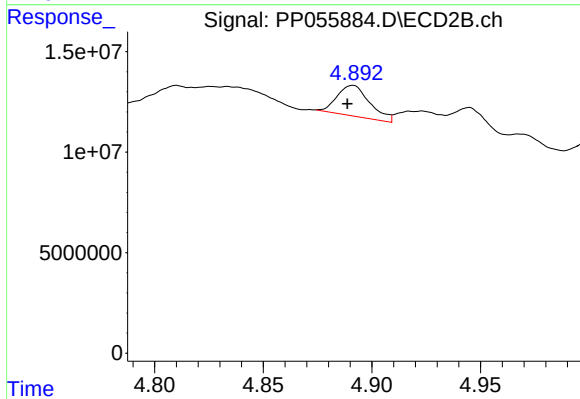
#5 AR-1016-3

R.T.: 4.833 min
Delta R.T.: -0.013 min
Response: 5395325
Conc: 155.25 ng/ml



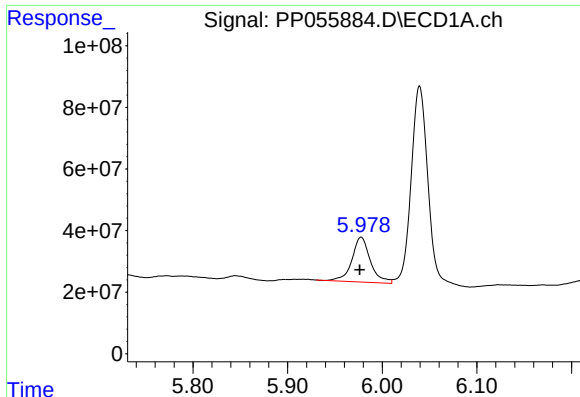
#6 AR-1016-4

R.T.: 5.668 min
Delta R.T.: -0.012 min
Response: 14943550
Conc: 335.35 ng/ml



#6 AR-1016-4

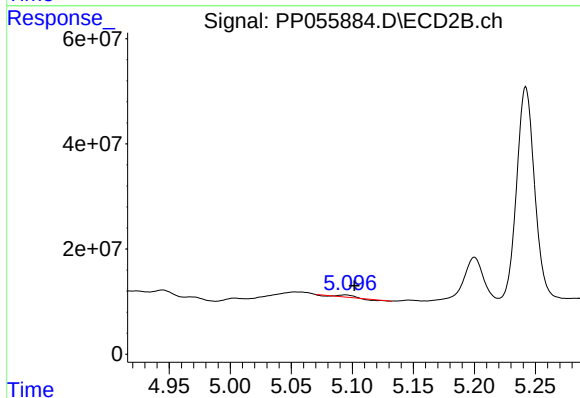
R.T.: 4.891 min
Delta R.T.: 0.002 min
Response: 15992027
Conc: 535.02 ng/ml



#7 AR-1016-5

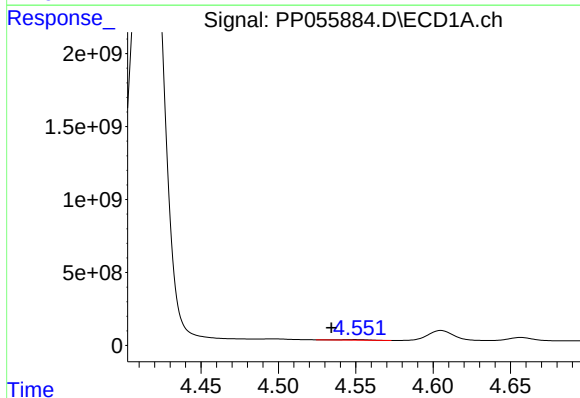
R.T.: 5.978 min
Delta R.T.: 0.002 min
Response: 197256159
Conc: 4085.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



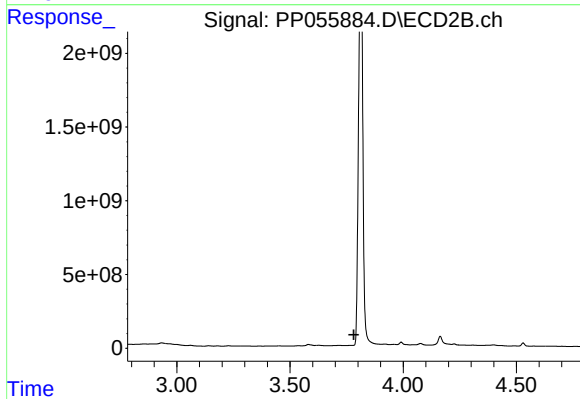
#7 AR-1016-5

R.T.: 5.094 min
Delta R.T.: -0.007 min
Response: 1317159
Conc: 33.32 ng/ml



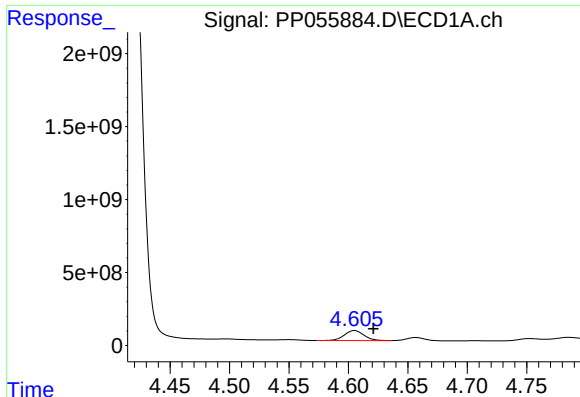
#8 AR-1221-1

R.T.: 4.550 min
Delta R.T.: 0.015 min
Response: 44246419
Conc: 2125.74 ng/ml



#8 AR-1221-1

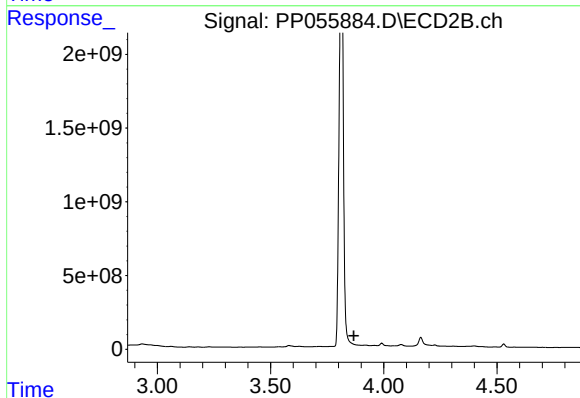
R.T.: 0.000 min
Exp R.T. : 3.782 min
Response: 0
Conc: N.D.



#9 AR-1221-2

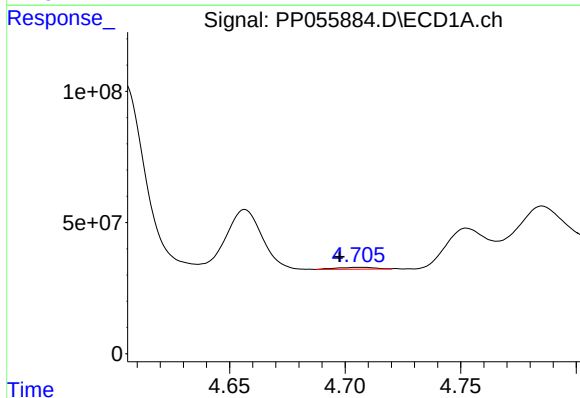
R.T.: 4.605 min
Delta R.T.: -0.016 min
Response: 798718431
Conc: 50212.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



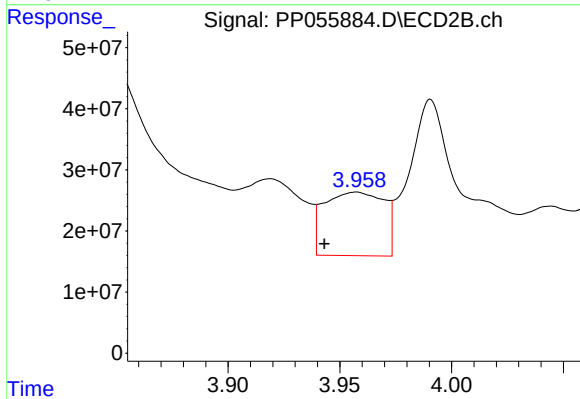
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.868 min
Response: 0
Conc: N.D.



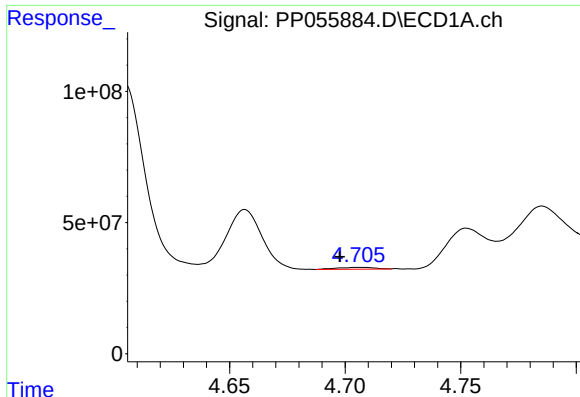
#10 AR-1221-3

R.T.: 4.705 min
Delta R.T.: 0.008 min
Response: 8068393
Conc: 166.32 ng/ml



#10 AR-1221-3

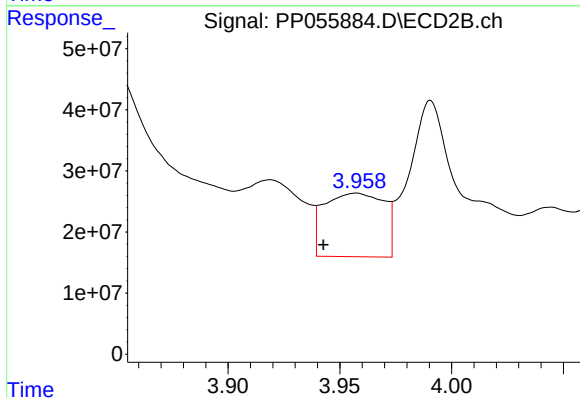
R.T.: 3.957 min
Delta R.T.: 0.014 min
Response: 193894067
Conc: 4645.54 ng/ml



#11 AR-1232-1

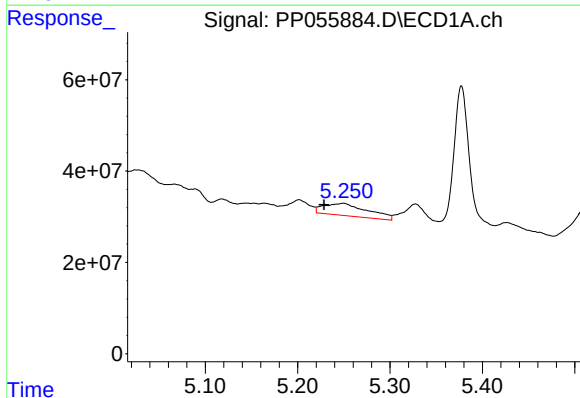
R.T.: 4.705 min
Delta R.T.: 0.008 min
Response: 8068393
Conc: 203.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



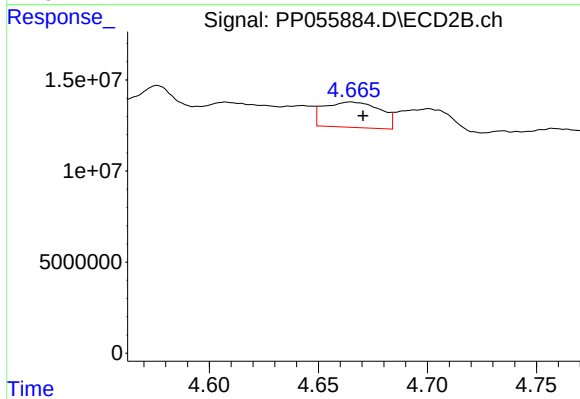
#11 AR-1232-1

R.T.: 3.957 min
Delta R.T.: 0.015 min
Response: 193894067
Conc: 5632.28 ng/ml



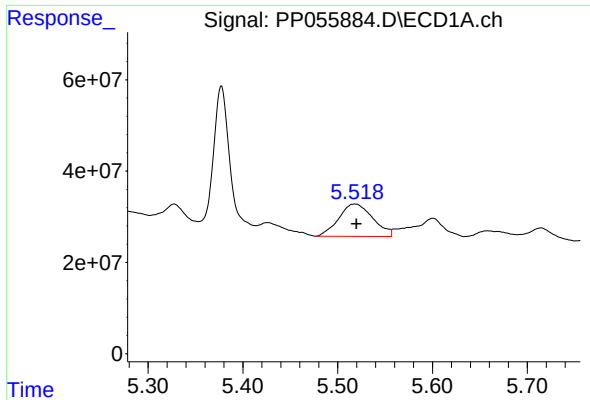
#12 AR-1232-2

R.T.: 5.250 min
Delta R.T.: 0.021 min
Response: 88207075
Conc: 4246.56 ng/ml



#12 AR-1232-2

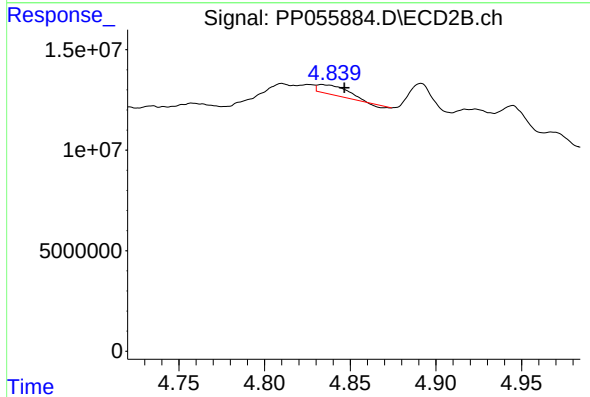
R.T.: 4.665 min
Delta R.T.: -0.006 min
Response: 24889244
Conc: 848.01 ng/ml



#13 AR-1232-3

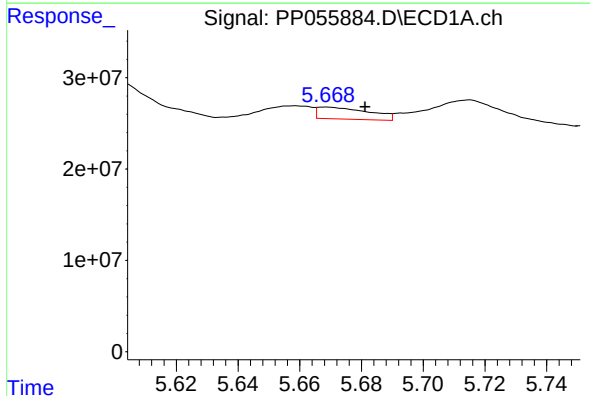
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 177384559
Conc: 4501.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



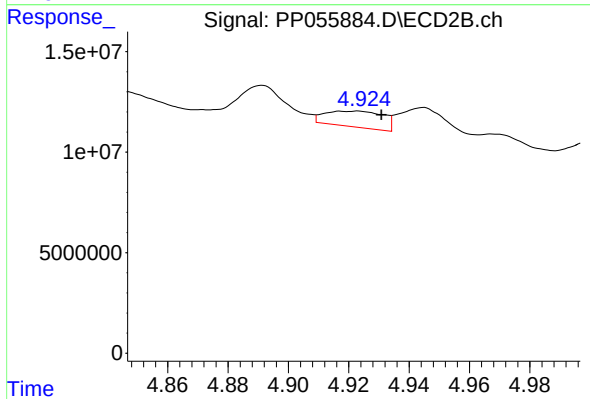
#13 AR-1232-3

R.T.: 4.833 min
Delta R.T.: -0.013 min
Response: 5395325
Conc: 355.02 ng/ml



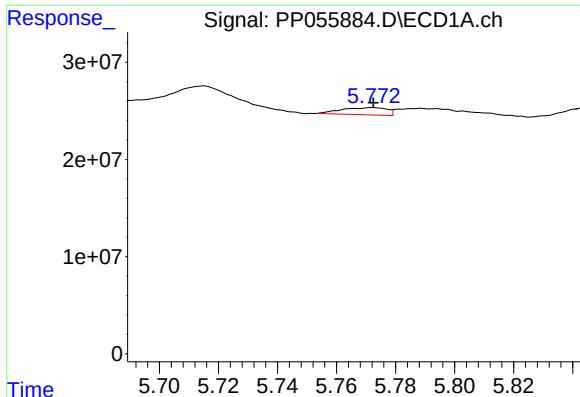
#14 AR-1232-4

R.T.: 5.668 min
Delta R.T.: -0.013 min
Response: 14943550
Conc: 762.83 ng/ml



#14 AR-1232-4

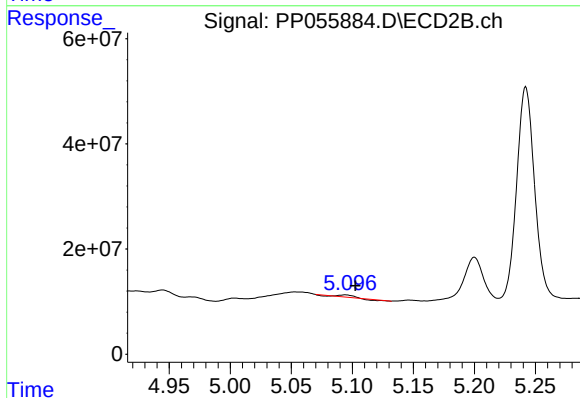
R.T.: 4.923 min
Delta R.T.: -0.008 min
Response: 10625587
Conc: 700.91 ng/ml



#15 AR-1232-5

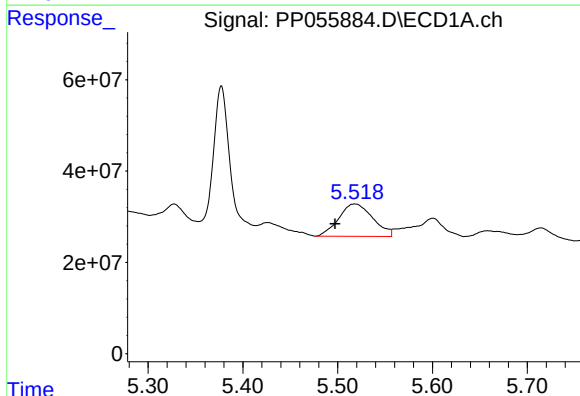
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 8006434
Conc: 500.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



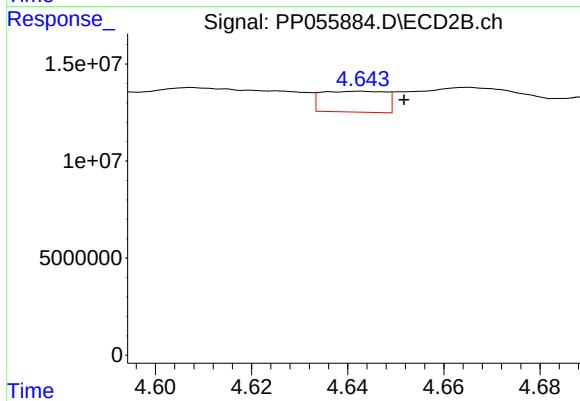
#15 AR-1232-5

R.T.: 5.094 min
Delta R.T.: -0.008 min
Response: 1317159
Conc: 80.36 ng/ml



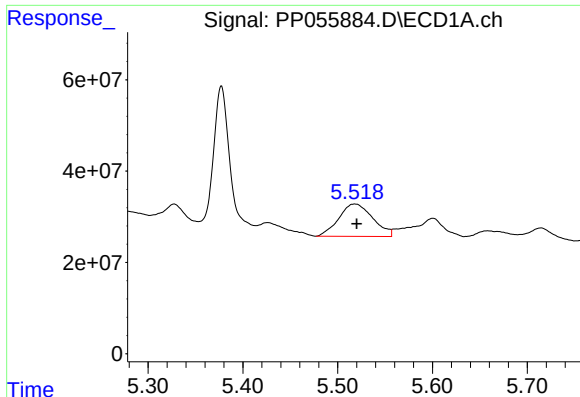
#16 AR-1242-1

R.T.: 5.518 min
Delta R.T.: 0.021 min
Response: 177384559
Conc: 3673.60 ng/ml



#16 AR-1242-1

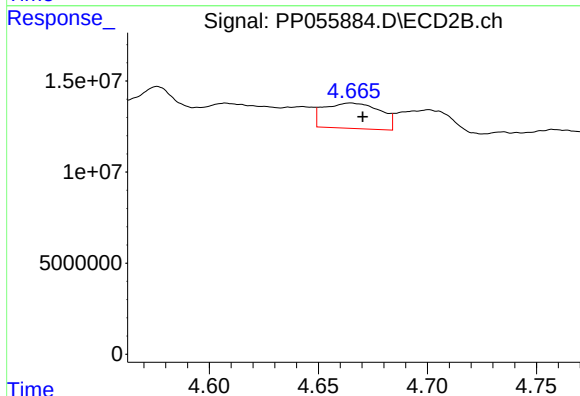
R.T.: 4.643 min
Delta R.T.: -0.009 min
Response: 9966527
Conc: 270.88 ng/ml



#17 AR-1242-2

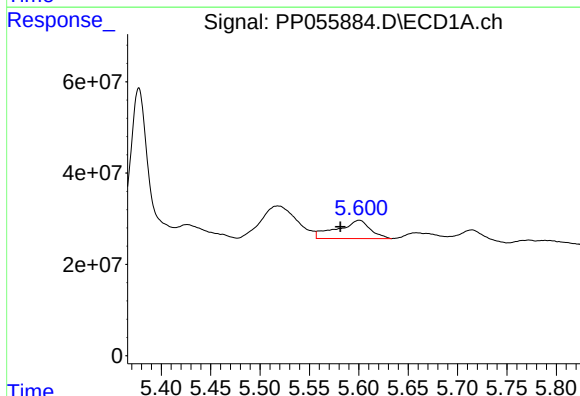
R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 177384559
Conc: 2496.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



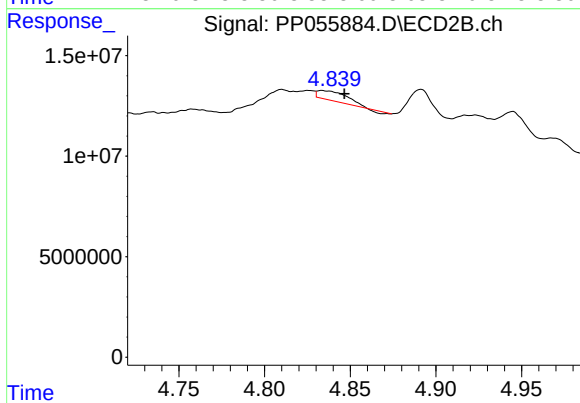
#17 AR-1242-2

R.T.: 4.665 min
Delta R.T.: -0.005 min
Response: 24889244
Conc: 472.53 ng/ml



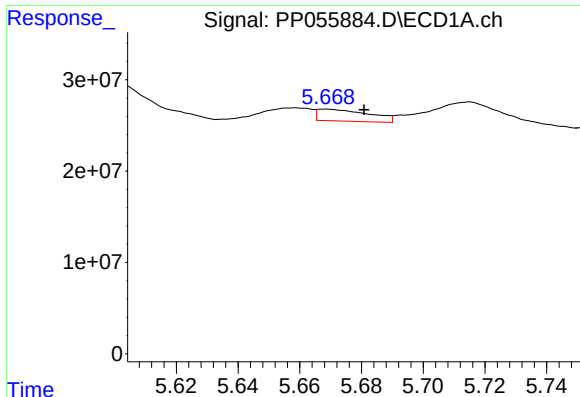
#18 AR-1242-3

R.T.: 5.600 min
Delta R.T.: 0.019 min
Response: 93314045
Conc: 2091.58 ng/ml



#18 AR-1242-3

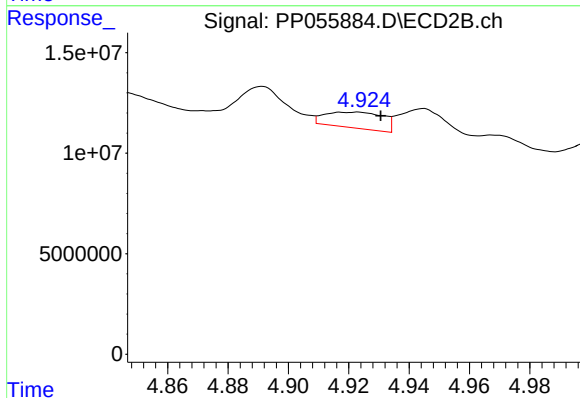
R.T.: 4.833 min
Delta R.T.: -0.013 min
Response: 5395325
Conc: 190.58 ng/ml



#19 AR-1242-4

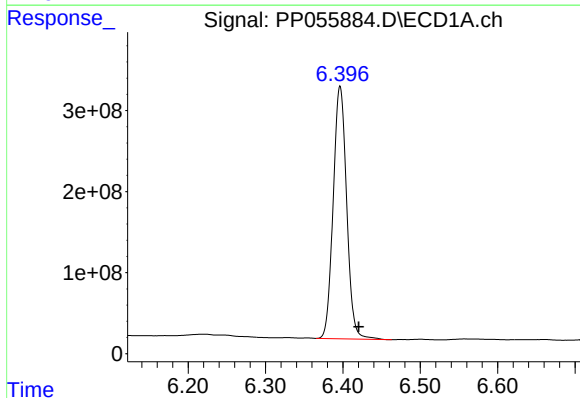
R.T.: 5.668 min
Delta R.T.: -0.012 min
Response: 14943550
Conc: 413.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



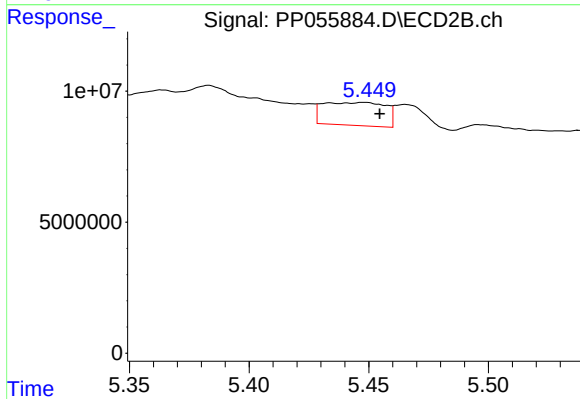
#19 AR-1242-4

R.T.: 4.923 min
Delta R.T.: -0.008 min
Response: 10625587
Conc: 344.40 ng/ml



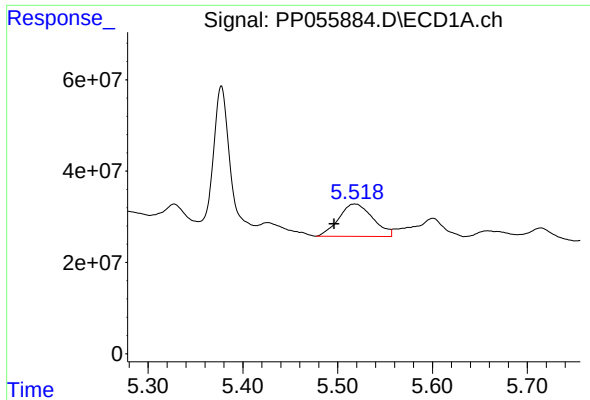
#20 AR-1242-5

R.T.: 6.396 min
Delta R.T.: -0.024 min
Response: 3780069567
Conc: 90239.76 ng/ml



#20 AR-1242-5

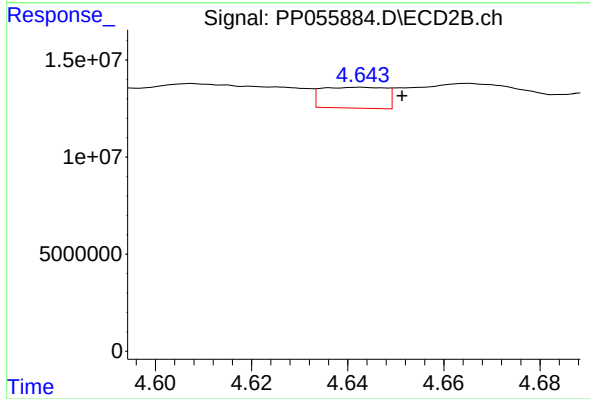
R.T.: 5.448 min
Delta R.T.: -0.006 min
Response: 15855638
Conc: 476.01 ng/ml



#21 AR-1248-1

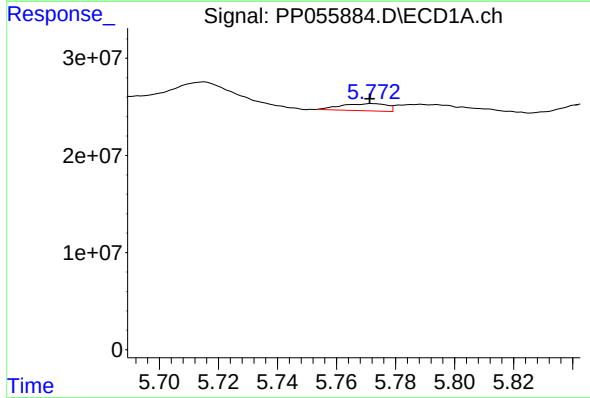
R.T.: 5.518 min
Delta R.T.: 0.022 min
Response: 177384559
Conc: 4875.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



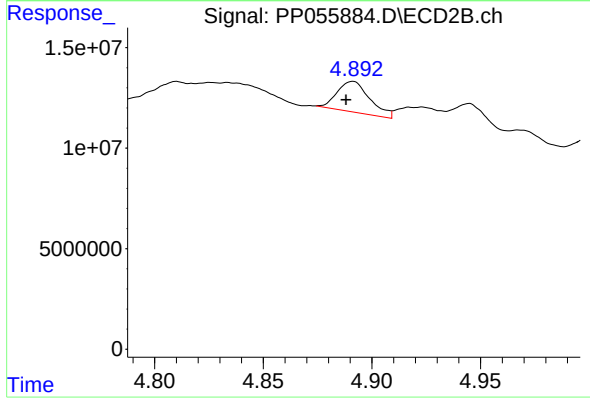
#21 AR-1248-1

R.T.: 4.643 min
Delta R.T.: -0.009 min
Response: 9966527
Conc: 356.86 ng/ml



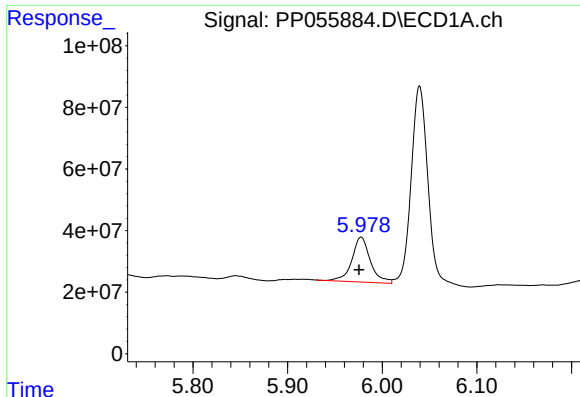
#22 AR-1248-2

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 8006434
Conc: 139.15 ng/ml



#22 AR-1248-2

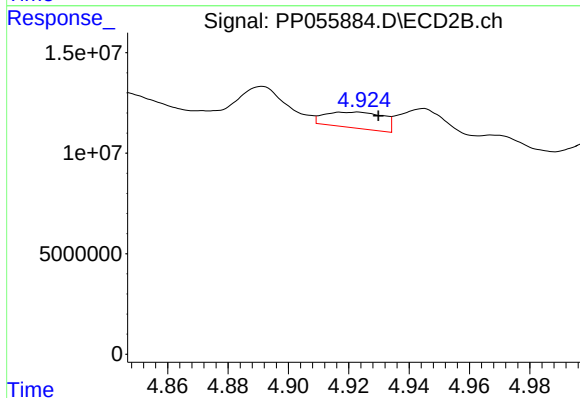
R.T.: 4.891 min
Delta R.T.: 0.003 min
Response: 15992027
Conc: 375.92 ng/ml



#23 AR-1248-3

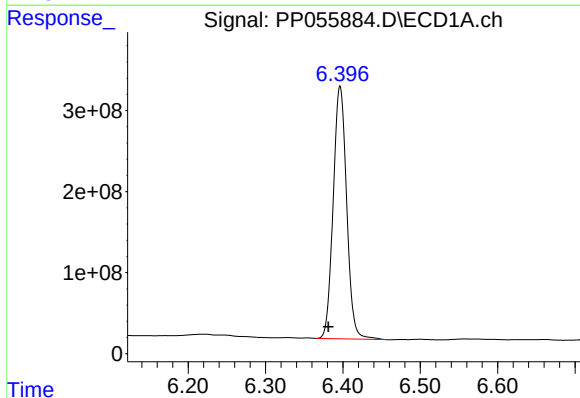
R.T.: 5.978 min
Delta R.T.: 0.002 min
Response: 197256159
Conc: 3035.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



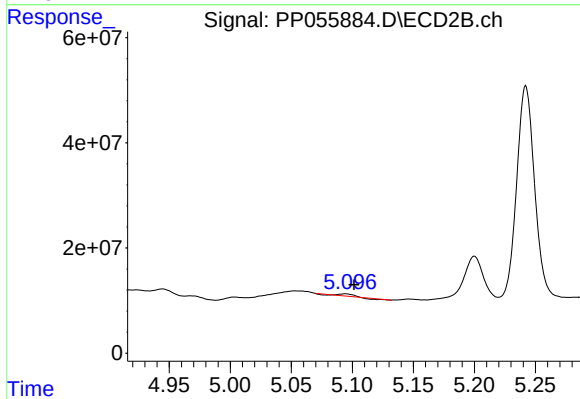
#23 AR-1248-3

R.T.: 4.923 min
Delta R.T.: -0.007 min
Response: 10625587
Conc: 238.77 ng/ml



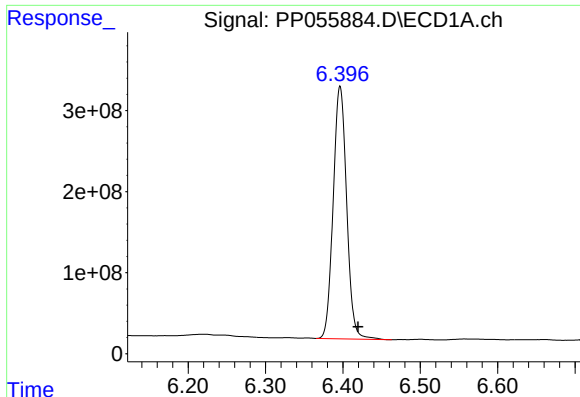
#24 AR-1248-4

R.T.: 6.396 min
Delta R.T.: 0.015 min
Response: 3780069567
Conc: 52100.70 ng/ml



#24 AR-1248-4

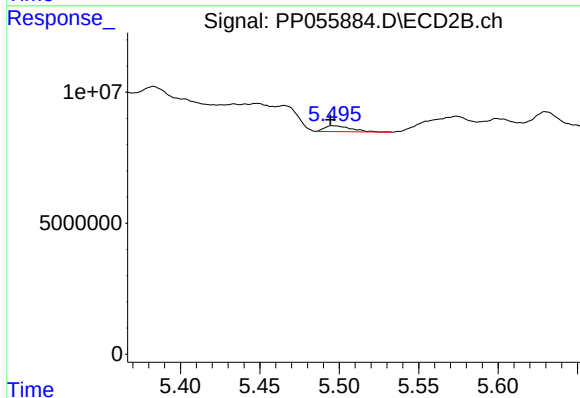
R.T.: 5.094 min
Delta R.T.: -0.007 min
Response: 1317159
Conc: 25.73 ng/ml



#25 AR-1248-5

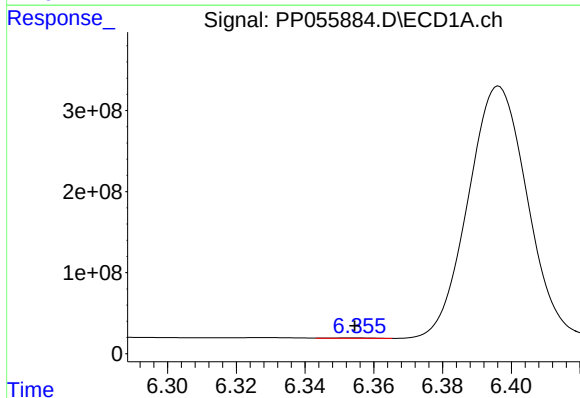
R.T.: 6.396 min
Delta R.T.: -0.024 min
Response: 3780069567
Conc: 53332.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



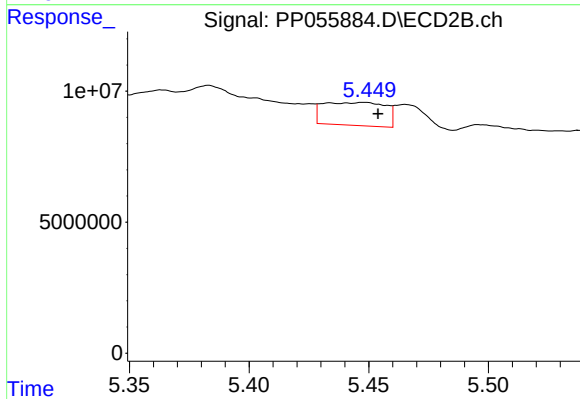
#25 AR-1248-5

R.T.: 5.496 min
Delta R.T.: 0.002 min
Response: 2606632
Conc: 59.14 ng/ml



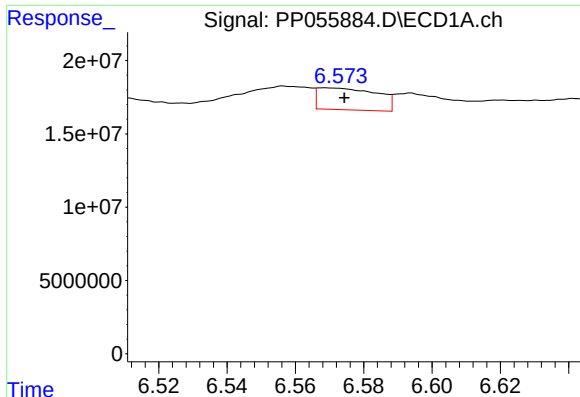
#26 AR-1254-1

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 4413705
Conc: 60.03 ng/ml



#26 AR-1254-1

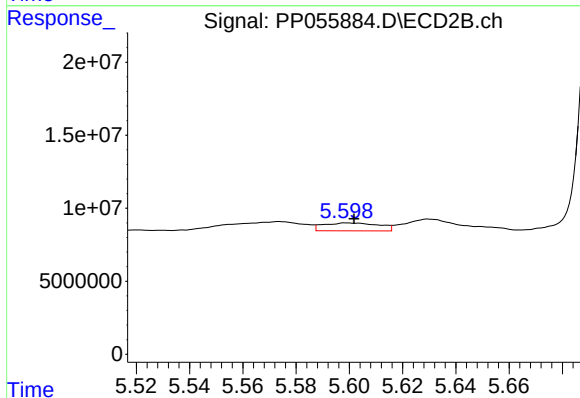
R.T.: 5.448 min
Delta R.T.: -0.006 min
Response: 15855638
Conc: 215.51 ng/ml



#27 AR-1254-2

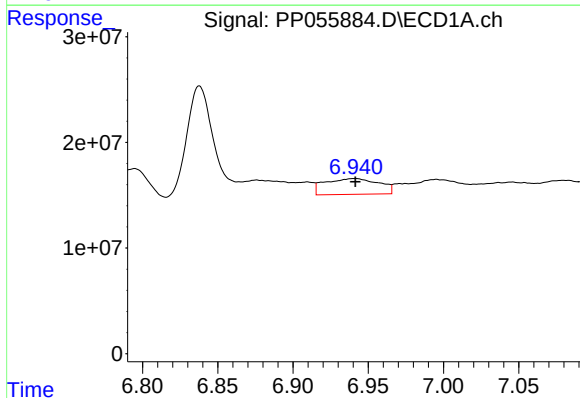
R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 17895232
Conc: 155.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



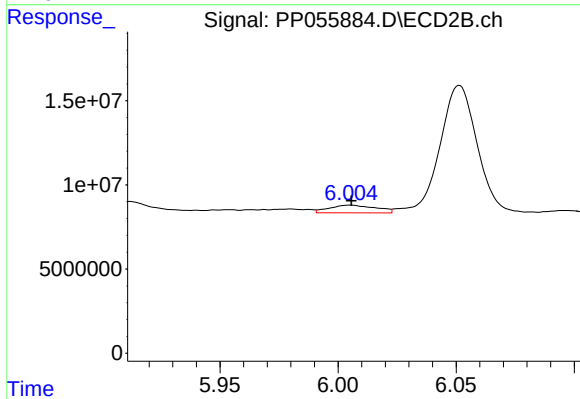
#27 AR-1254-2

R.T.: 5.599 min
Delta R.T.: -0.003 min
Response: 7806910
Conc: 124.08 ng/ml



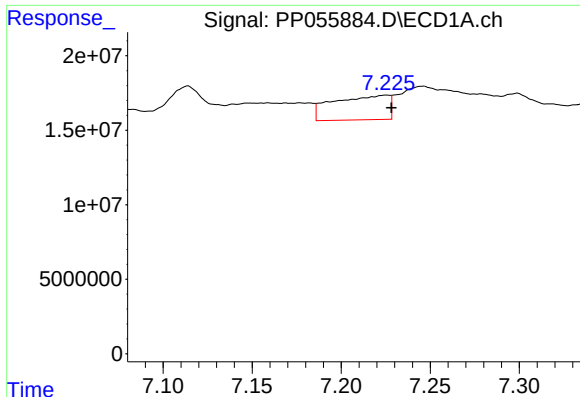
#28 AR-1254-3

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 37223419
Conc: 302.46 ng/ml



#28 AR-1254-3

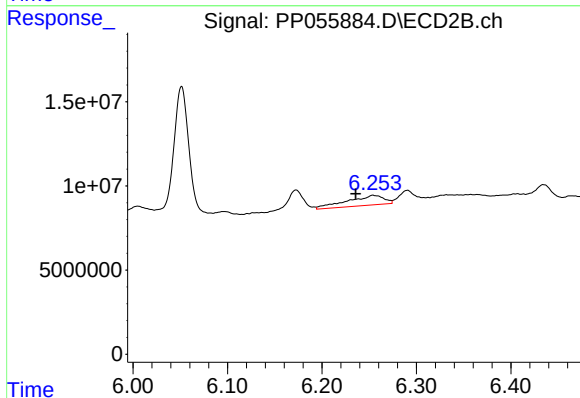
R.T.: 6.005 min
Delta R.T.: 0.000 min
Response: 6346039
Conc: 64.70 ng/ml



#29 AR-1254-4

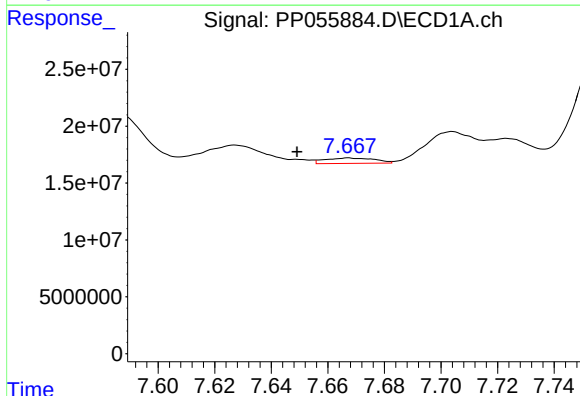
R.T.: 7.225 min
Delta R.T.: -0.003 min
Response: 35765007
Conc: 389.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



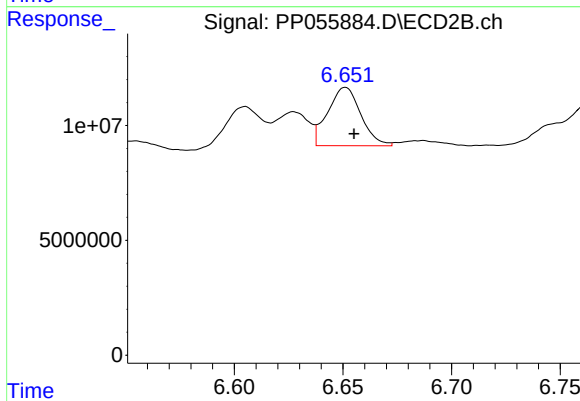
#29 AR-1254-4

R.T.: 6.254 min
Delta R.T.: 0.018 min
Response: 15873158
Conc: 288.36 ng/ml



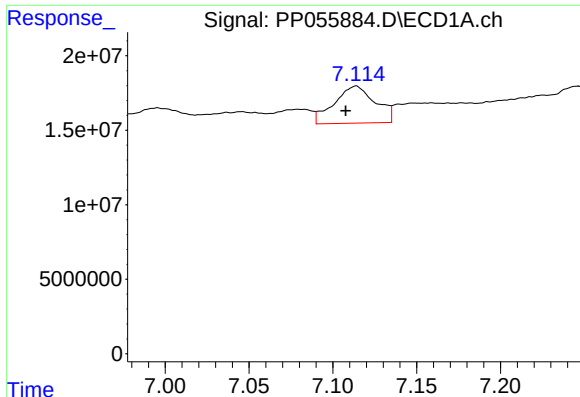
#30 AR-1254-5

R.T.: 7.667 min
Delta R.T.: 0.018 min
Response: 5862438
Conc: 55.78 ng/ml



#30 AR-1254-5

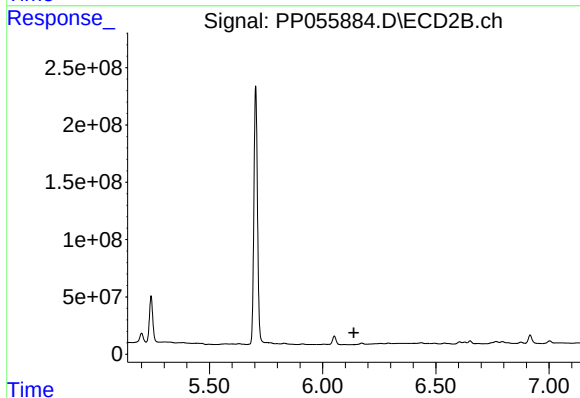
R.T.: 6.651 min
Delta R.T.: -0.004 min
Response: 26951790
Conc: 331.72 ng/ml



#31 AR-1260-1

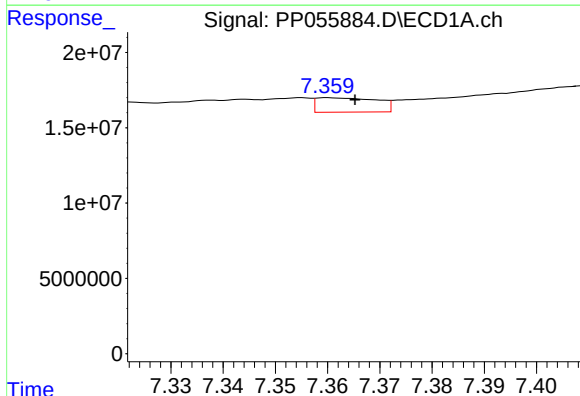
R.T.: 7.114 min
Delta R.T.: 0.006 min
Response: 42635174
Conc: 411.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



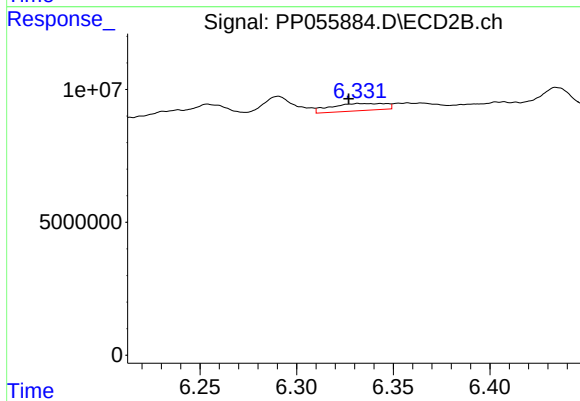
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.138 min
Response: 0
Conc: N.D.



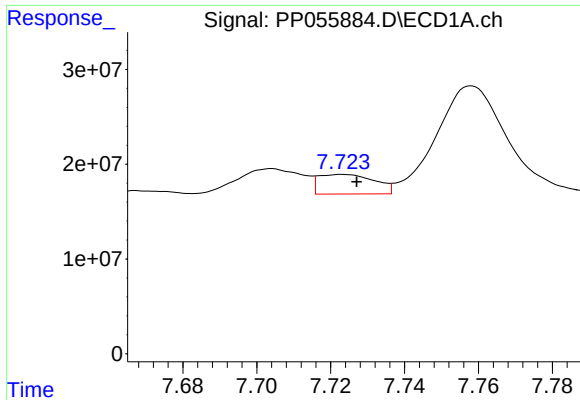
#32 AR-1260-2

R.T.: 7.360 min
Delta R.T.: -0.005 min
Response: 7694283
Conc: 61.18 ng/ml



#32 AR-1260-2

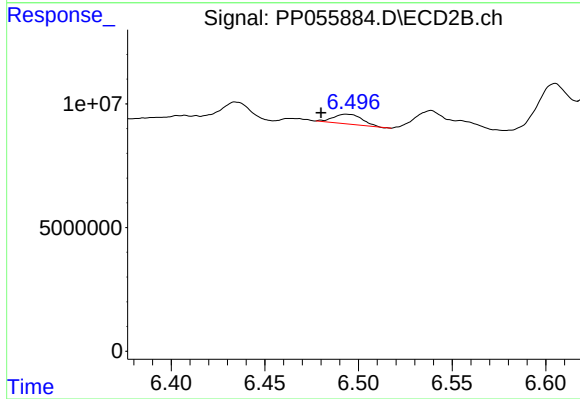
R.T.: 6.332 min
Delta R.T.: 0.006 min
Response: 5298181
Conc: 64.93 ng/ml



#33 AR-1260-3

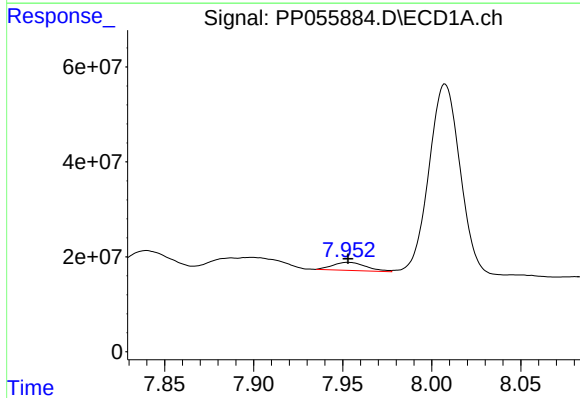
R.T.: 7.723 min
Delta R.T.: -0.004 min
Response: 21754657
Conc: 247.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



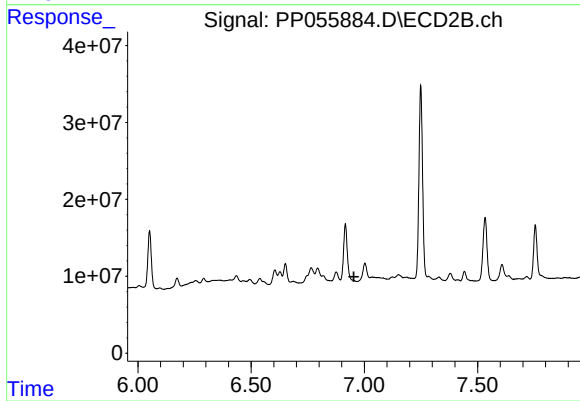
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: 0.014 min
Response: 4260165
Conc: 50.41 ng/ml



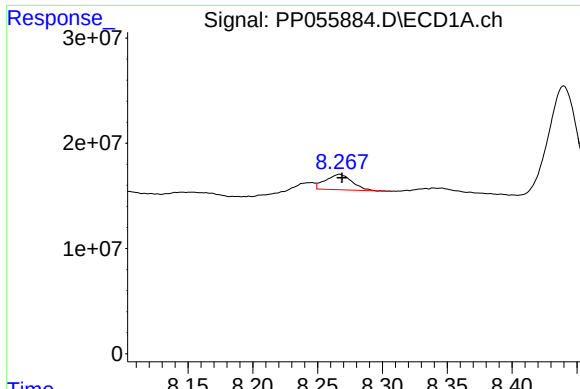
#34 AR-1260-4

R.T.: 7.953 min
Delta R.T.: 0.000 min
Response: 22155834
Conc: 206.15 ng/ml



#34 AR-1260-4

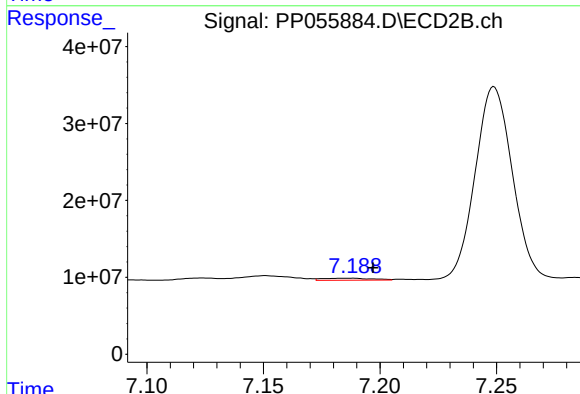
R.T.: 0.000 min
Exp R.T. : 6.954 min
Response: 0
Conc: N.D.



#35 AR-1260-5

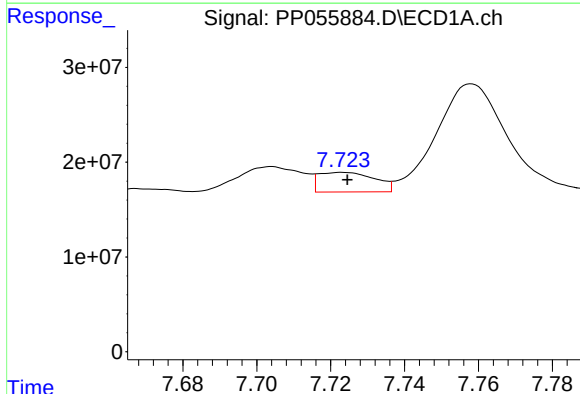
R.T.: 8.267 min
Delta R.T.: -0.002 min
Response: 20716265
Conc: 100.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



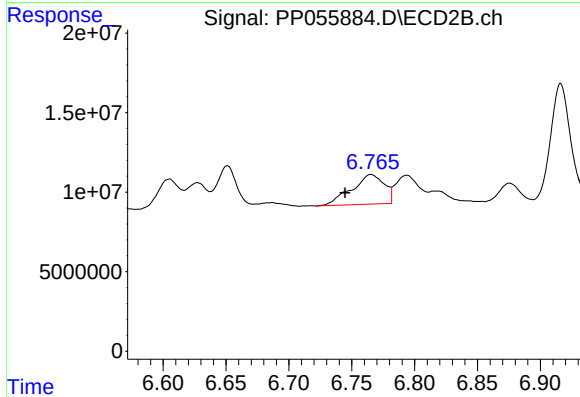
#35 AR-1260-5

R.T.: 7.188 min
Delta R.T.: -0.009 min
Response: 3976355
Conc: 29.38 ng/ml



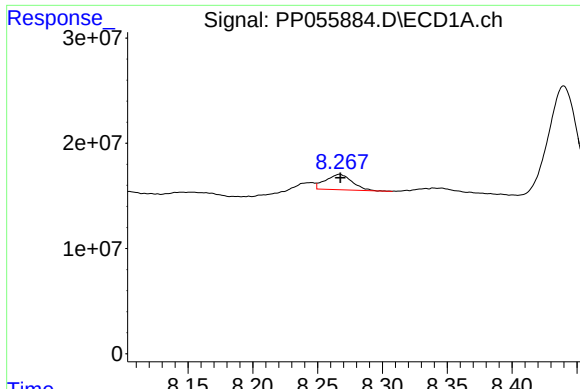
#36 AR-1262-1

R.T.: 7.723 min
Delta R.T.: -0.001 min
Response: 21754657
Conc: 184.39 ng/ml



#36 AR-1262-1

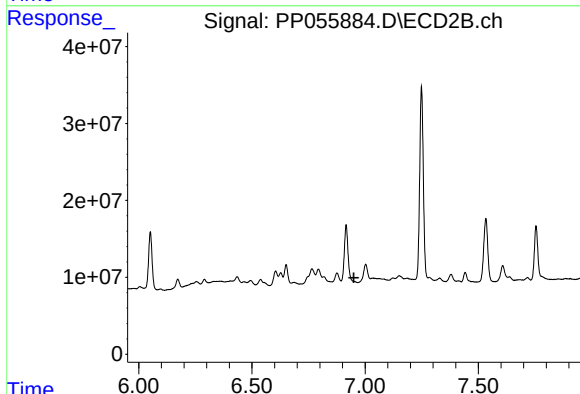
R.T.: 6.765 min
Delta R.T.: 0.021 min
Response: 33625549
Conc: 953.97 ng/ml



#37 AR-1262-2

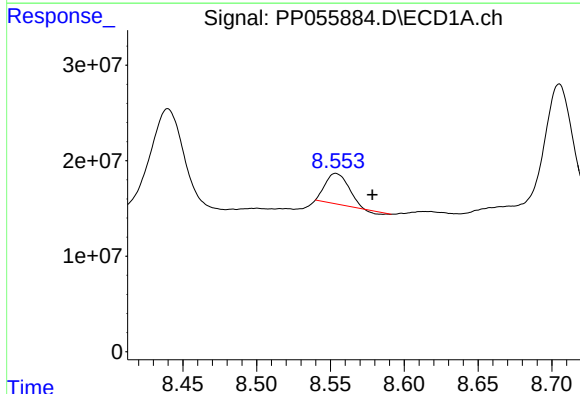
R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 20716265
Conc: 94.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



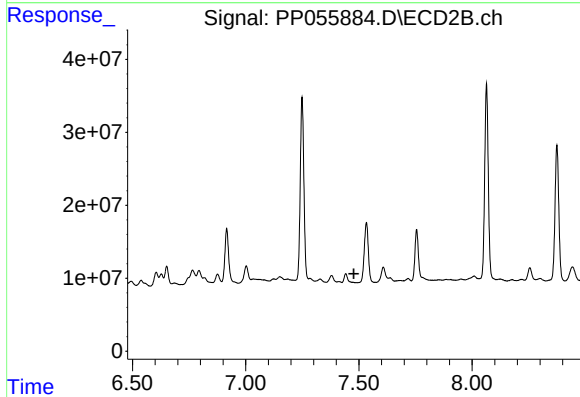
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.950 min
Response: 0
Conc: N.D.



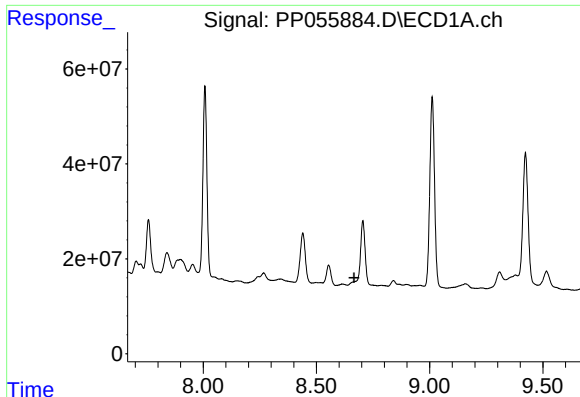
#38 AR-1262-3

R.T.: 8.554 min
Delta R.T.: -0.025 min
Response: 33732581
Conc: 220.65 ng/ml



#38 AR-1262-3

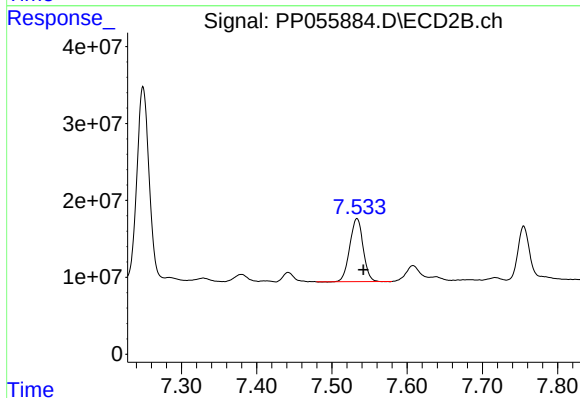
R.T.: 0.000 min
Exp R.T. : 7.478 min
Response: 0
Conc: N.D.



#39 AR-1262-4

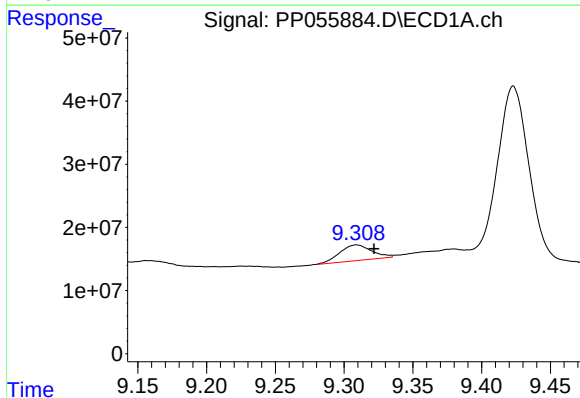
R.T.: 0.000 min
Exp R.T.: 8.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



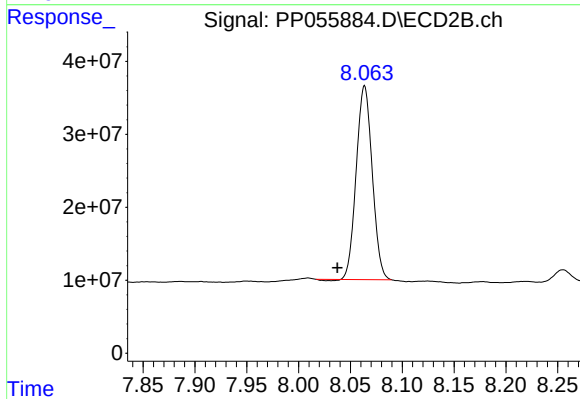
#39 AR-1262-4

R.T.: 7.533 min
Delta R.T.: -0.009 min
Response: 100876248
Conc: 993.70 ng/ml



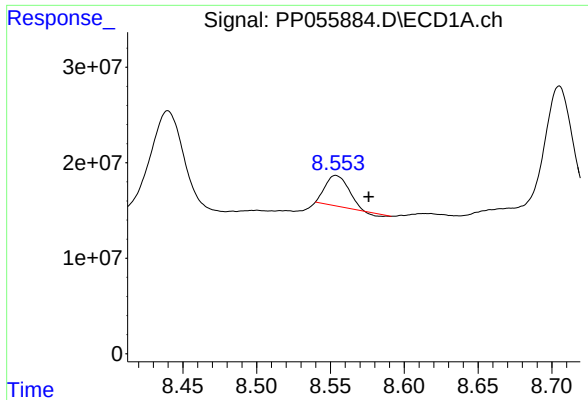
#40 AR-1262-5

R.T.: 9.309 min
Delta R.T.: -0.013 min
Response: 40253139
Conc: 488.23 ng/ml



#40 AR-1262-5

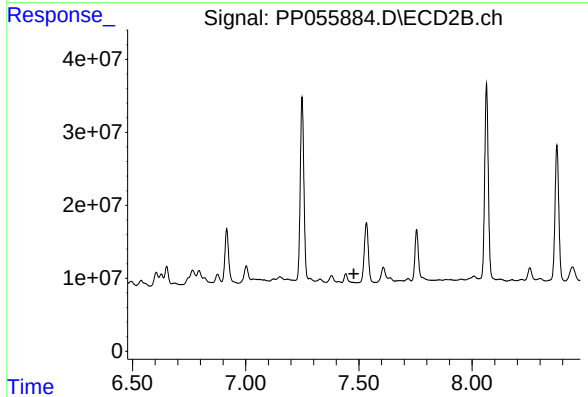
R.T.: 8.064 min
Delta R.T.: 0.026 min
Response: 284866042
Conc: 6264.01 ng/ml



#41 AR-1268-1

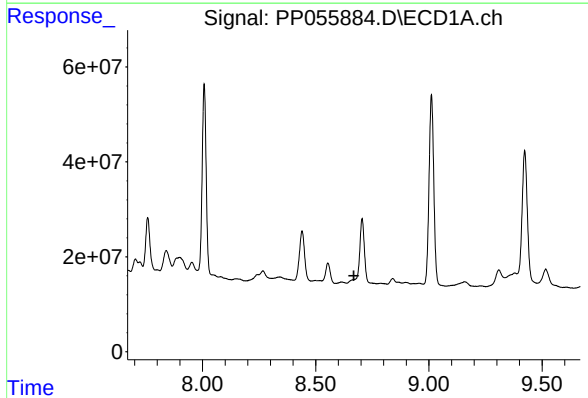
R.T.: 8.554 min
Delta R.T.: -0.022 min
Response: 33732581
Conc: 118.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



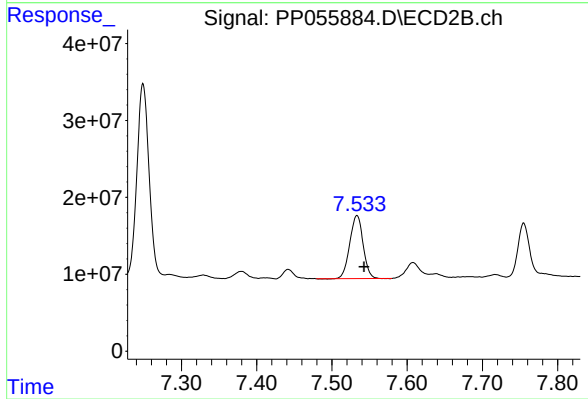
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.478 min
Response: 0
Conc: N.D.



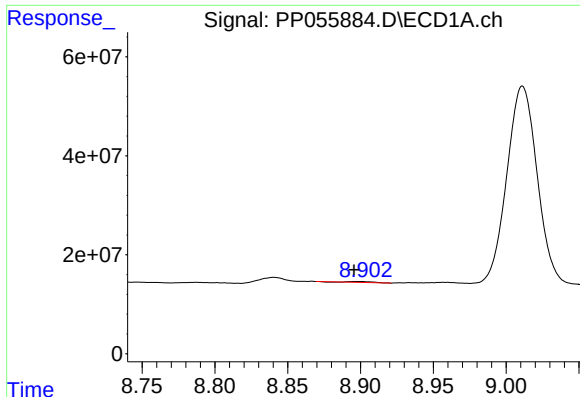
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.669 min
Response: 0
Conc: N.D.



#42 AR-1268-2

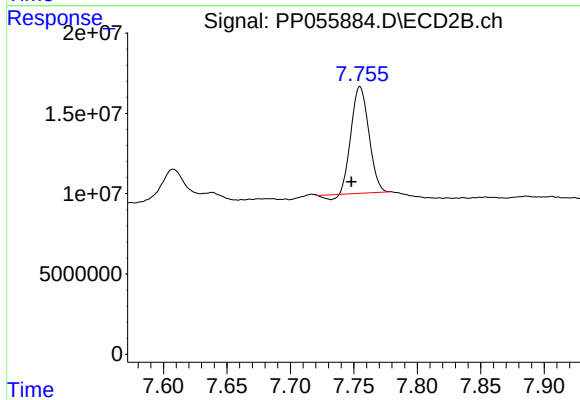
R.T.: 7.533 min
Delta R.T.: -0.009 min
Response: 100876248
Conc: 659.49 ng/ml



#43 AR-1268-3

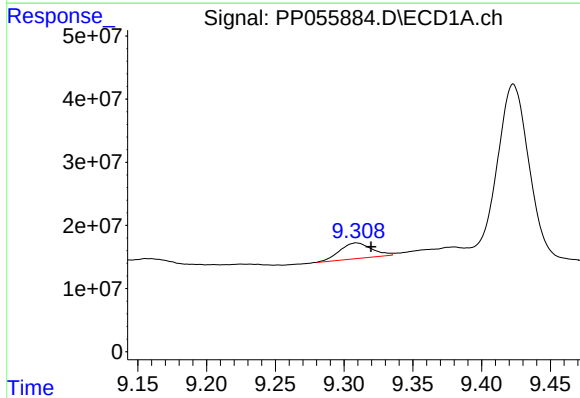
R.T.: 8.897 min
Delta R.T.: 0.001 min
Response: 2174139
Conc: 9.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



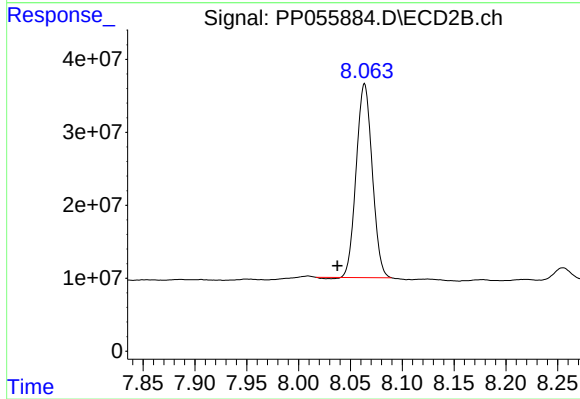
#43 AR-1268-3

R.T.: 7.755 min
Delta R.T.: 0.007 min
Response: 63619586
Conc: 463.66 ng/ml



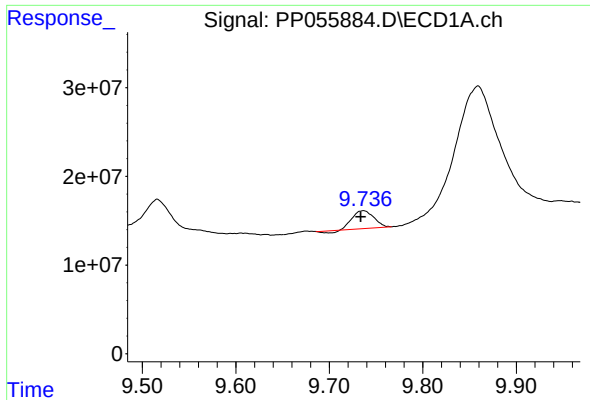
#44 AR-1268-4

R.T.: 9.309 min
Delta R.T.: -0.010 min
Response: 40253139
Conc: 407.71 ng/ml



#44 AR-1268-4

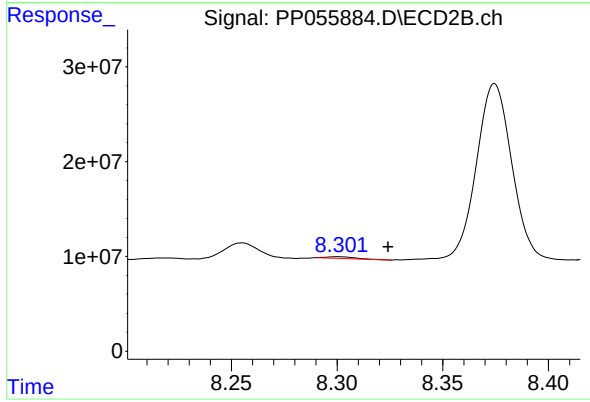
R.T.: 8.064 min
Delta R.T.: 0.026 min
Response: 284866042
Conc: 5177.76 ng/ml



#45 AR-1268-5

R.T.: 9.736 min
Delta R.T.: 0.003 min
Response: 31140071
Conc: 41.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.300 min
Delta R.T.: -0.024 min
Response: 1604308
Conc: 3.98 ng/ml