

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061224\
 Data File : PP065630.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2024 20:21
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 01:37:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 06 05:25:59 2024
 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...	4.824	4.068	96726755	141.3E6	50.991	50.591
2)	SA Decachlor...	10.837	9.253	96736587	72618131	49.183	49.293
Target Compounds							
3)	L1 AR-1016-1	6.002	5.181	1411905	1272950	21.717	14.926 #
4)	L1 AR-1016-2	6.028	5.202	2038668	877381	21.286	7.431 #
5)	L1 AR-1016-3	6.089	0.000	1203075	0	19.663	N.D. #
6)	L1 AR-1016-4	6.187	5.421	1705366	28673587	34.677	555.647 #
7)	L1 AR-1016-5	6.483	5.642	17893706	18762350	356.980	284.427
8)	L2 AR-1221-1	5.036	0.000	392954	0	15.398	N.D. #
9)	L2 AR-1221-2	5.135	4.379	1633291	2363026	84.573	87.538
10)	L2 AR-1221-3	5.195	0.000	382549	0	6.808	N.D. #
11)	L3 AR-1232-1	5.195	0.000	382549	0	8.455	N.D. #
12)	L3 AR-1232-2	5.732	5.202	557764	877381	21.416	15.726 #
13)	L3 AR-1232-3	6.028	0.000	2038668	0	45.066	N.D. #
14)	L3 AR-1232-4	6.187	5.464	1705366	9335094	73.010	341.194 #
15)	L3 AR-1232-5	6.276	5.642	25094853	18762350	1278.255	641.676 #
16)	L4 AR-1242-1	6.002	5.181	1411905	1272950	25.820	17.714 #
17)	L4 AR-1242-2	6.028	5.202	2038668	877381	25.708	8.823 #
18)	L4 AR-1242-3	6.089	0.000	1203075	0	23.801	N.D. #
19)	L4 AR-1242-4	6.187	5.464	1705366	9335094	41.558	175.273 #
20)	L4 AR-1242-5	6.931	5.999	12377602	62005786	283.748	1043.547 #
21)	L5 AR-1248-1	6.002	5.181	1411905	1272950	34.717	23.850 #
22)	L5 AR-1248-2	6.276	5.421	25094853	28673587	402.657	389.562
23)	L5 AR-1248-3	6.483	5.464	17893706	9335094	265.722	122.159 #
24)	L5 AR-1248-4	6.887	5.642	17553744	18762350	246.558	213.416
25)	L5 AR-1248-5	6.931	6.040	12377602	9035225	178.554	113.256 #
26)	L6 AR-1254-1	6.862	5.999	38786331	62005786	495.115	503.225
27)	L6 AR-1254-2	7.080	6.145	56957370	52793264	482.152	501.398
28)	L6 AR-1254-3	7.449	6.558	59870246	82169657	490.606	519.260
29)	L6 AR-1254-4	7.734	6.785	47106645	59069148	529.725	639.709
30)	L6 AR-1254-5	8.155	7.208	58569276	62882152	597.901	491.303
31)	L7 AR-1260-1	7.613	6.688	26882491	42394857	277.551	399.500 #
32)	L7 AR-1260-2	7.867	6.874	31896674	32260556	284.487	261.588
33)	L7 AR-1260-3	8.222	7.033	8552673	30443786	97.961	262.502 #
34)	L7 AR-1260-4	8.464	7.508	20637720	3241021	205.942	36.798 #
35)	L7 AR-1260-5	8.824	7.744	7121665	6807058	37.764	35.562
36)	L8 AR-1262-1	8.294	7.281f	3281319	7678727	61.243	138.062 #
37)	L8 AR-1262-2	8.824	7.508	7121665	3241021	33.572	29.087
38)	L8 AR-1262-3	9.185	0.000	6679823	0	43.631	N.D. #
39)	L8 AR-1262-4	0.000	8.097	0	7049944	N.D.	45.923 #
40)	L8 AR-1262-5	9.993	0.000	344230	0	4.238	N.D. #
41)	L9 AR-1268-1	9.185f	0.000	6679823	0	26.299	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061224\
 Data File : PP065630.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2024 20:21
 Operator : YP\AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

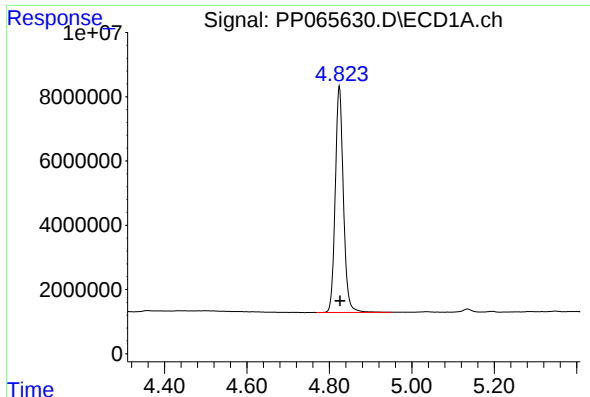
Instrument :
 ECD_P
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 01:37:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 06 05:25:59 2024
 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	0.000	8.097	0	7049944	N.D.	33.592 #
43) L9	AR-1268-3	9.517	0.000	313488	0	1.543	N.D. #
44) L9	AR-1268-4	9.993	0.000	344230	0	4.131	N.D. #
45) L9	AR-1268-5	10.453	0.000	1184667	0	1.783	N.D. #

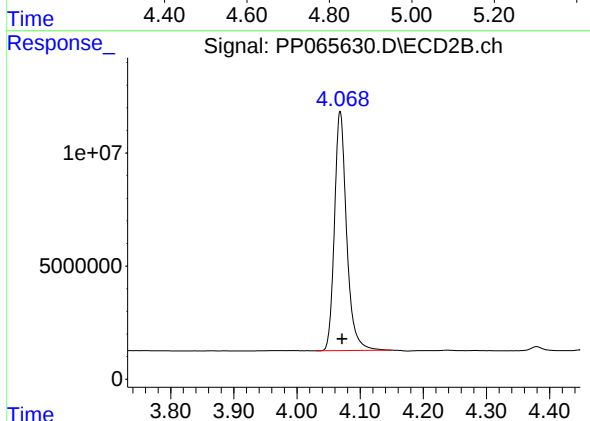
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

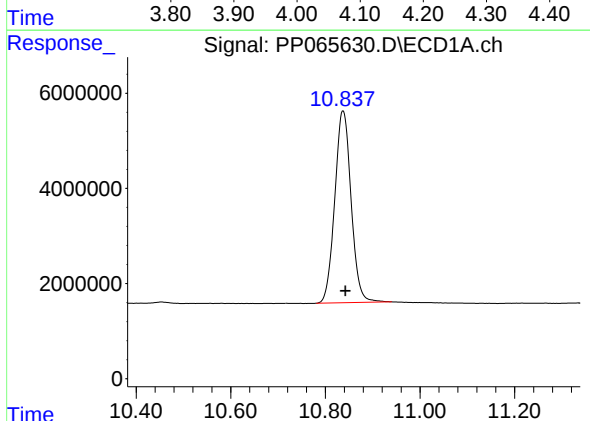
R.T.: 4.824 min
Delta R.T.: -0.002 min
Response: 96726755
Conc: 50.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



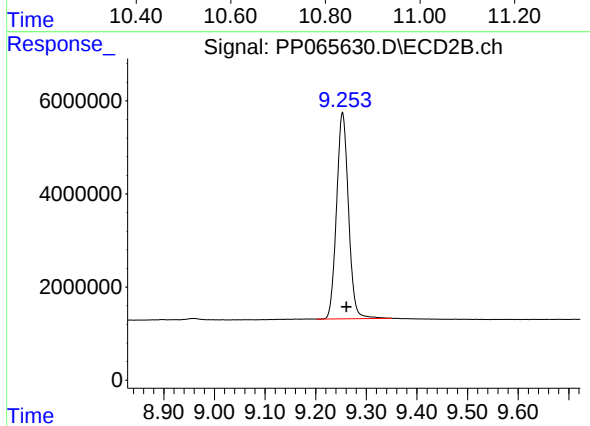
#1 Tetrachloro-m-xylene

R.T.: 4.068 min
Delta R.T.: -0.003 min
Response: 141267116
Conc: 50.59 ng/ml



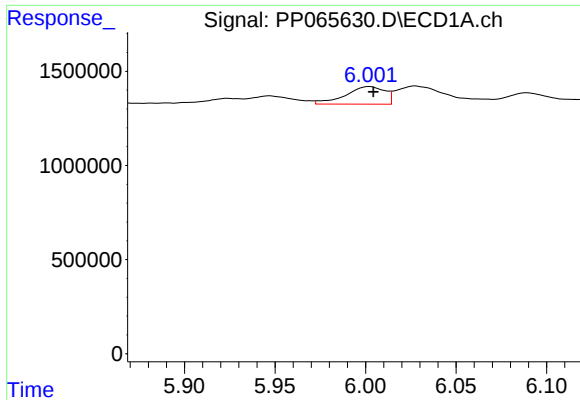
#2 Decachlorobiphenyl

R.T.: 10.837 min
Delta R.T.: -0.005 min
Response: 96736587
Conc: 49.18 ng/ml



#2 Decachlorobiphenyl

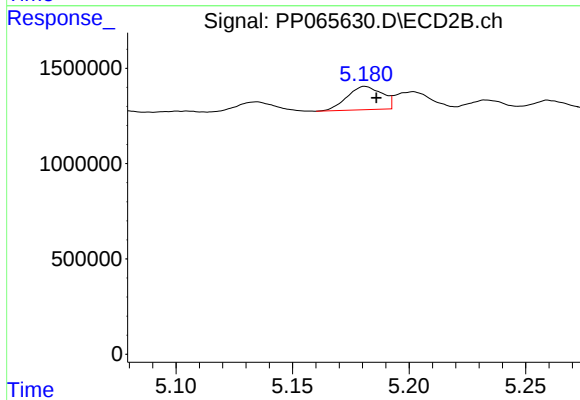
R.T.: 9.253 min
Delta R.T.: -0.008 min
Response: 72618131
Conc: 49.29 ng/ml



#3 AR-1016-1

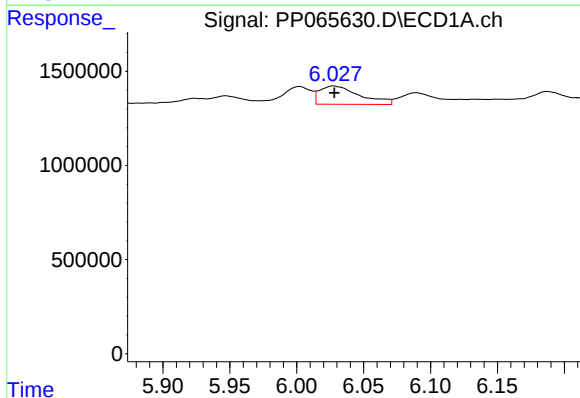
R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 1411905
Conc: 21.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



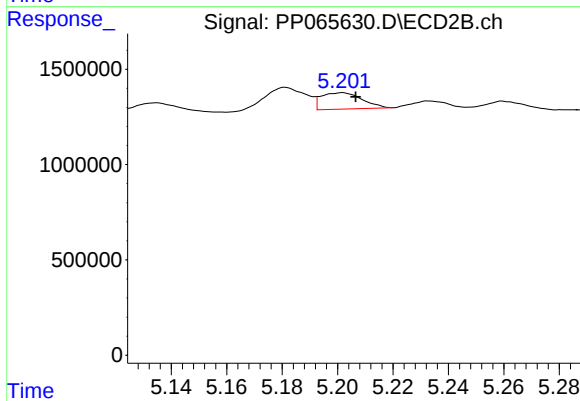
#3 AR-1016-1

R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 1272950
Conc: 14.93 ng/ml



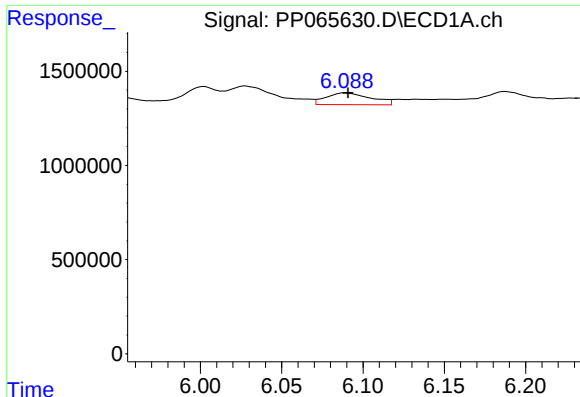
#4 AR-1016-2

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 2038668
Conc: 21.29 ng/ml



#4 AR-1016-2

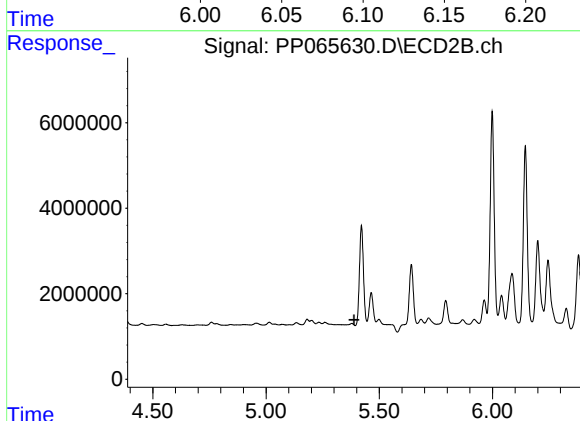
R.T.: 5.202 min
Delta R.T.: -0.005 min
Response: 877381
Conc: 7.43 ng/ml



#5 AR-1016-3

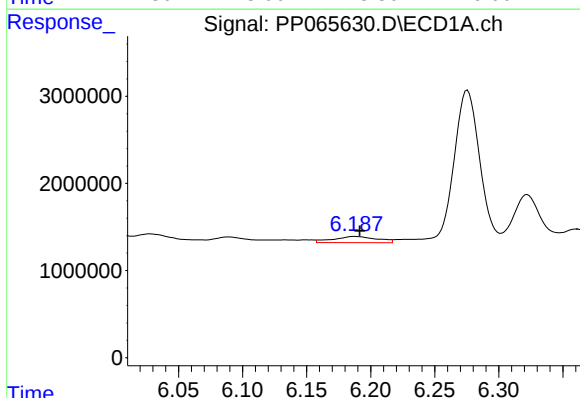
R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 1203075
Conc: 19.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



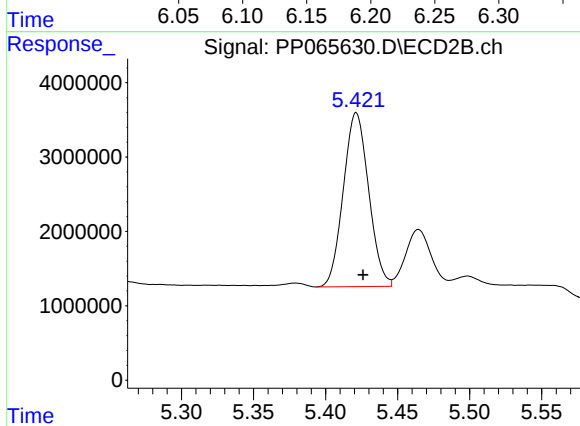
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.388 min
Response: 0
Conc: N.D.



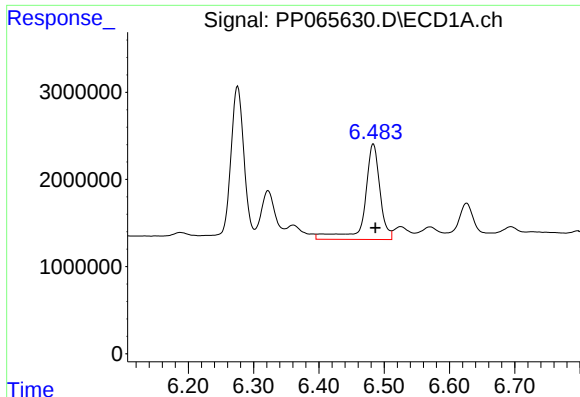
#6 AR-1016-4

R.T.: 6.187 min
Delta R.T.: -0.004 min
Response: 1705366
Conc: 34.68 ng/ml



#6 AR-1016-4

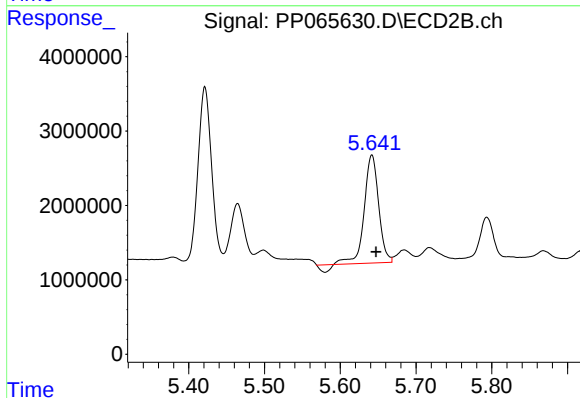
R.T.: 5.421 min
Delta R.T.: -0.005 min
Response: 28673587
Conc: 555.65 ng/ml



#7 AR-1016-5

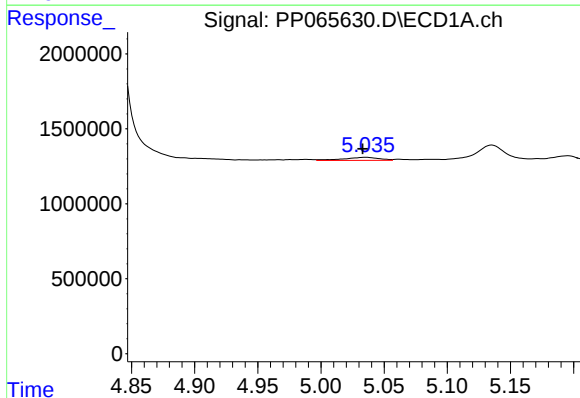
R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 17893706
Conc: 356.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



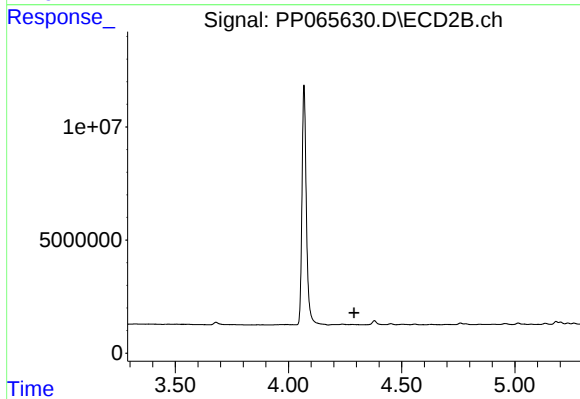
#7 AR-1016-5

R.T.: 5.642 min
Delta R.T.: -0.005 min
Response: 18762350
Conc: 284.43 ng/ml



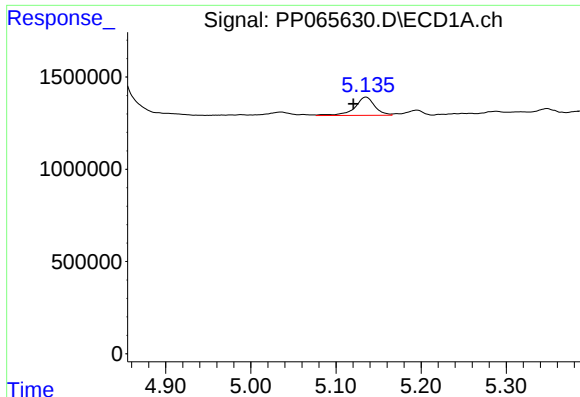
#8 AR-1221-1

R.T.: 5.036 min
Delta R.T.: 0.003 min
Response: 392954
Conc: 15.40 ng/ml



#8 AR-1221-1

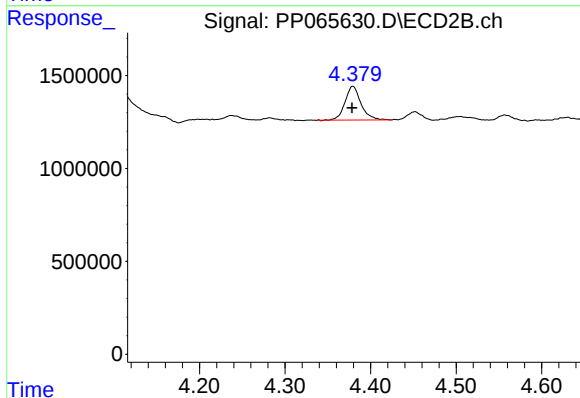
R.T.: 0.000 min
Exp R.T. : 4.289 min
Response: 0
Conc: N.D.



#9 AR-1221-2

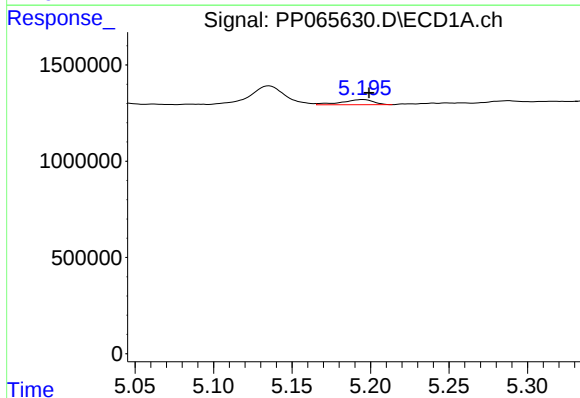
R.T.: 5.135 min
Delta R.T.: 0.015 min
Response: 1633291
Conc: 84.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



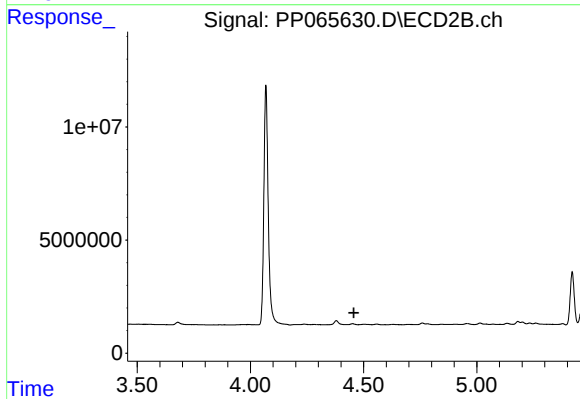
#9 AR-1221-2

R.T.: 4.379 min
Delta R.T.: 0.001 min
Response: 2363026
Conc: 87.54 ng/ml



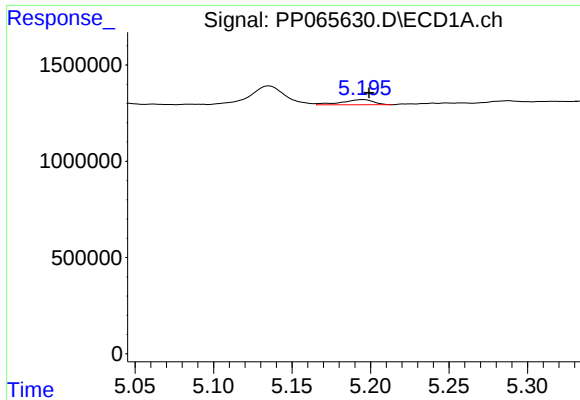
#10 AR-1221-3

R.T.: 5.195 min
Delta R.T.: -0.003 min
Response: 382549
Conc: 6.81 ng/ml



#10 AR-1221-3

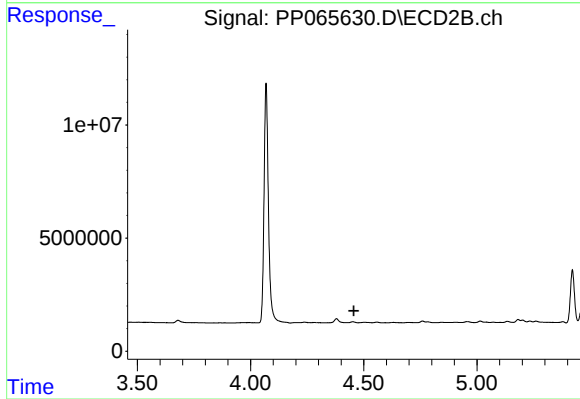
R.T.: 0.000 min
Exp R.T. : 4.457 min
Response: 0
Conc: N.D.



#11 AR-1232-1

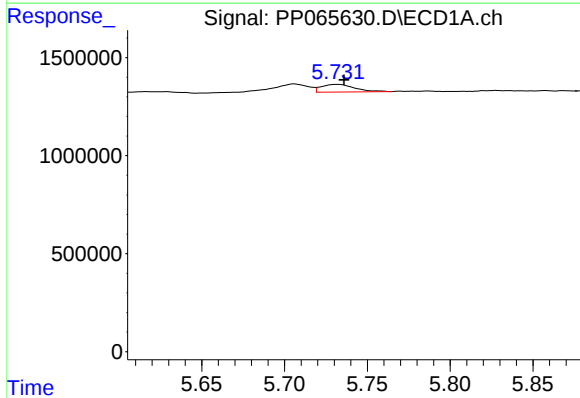
R.T.: 5.195 min
Delta R.T.: -0.003 min
Response: 382549
Conc: 8.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



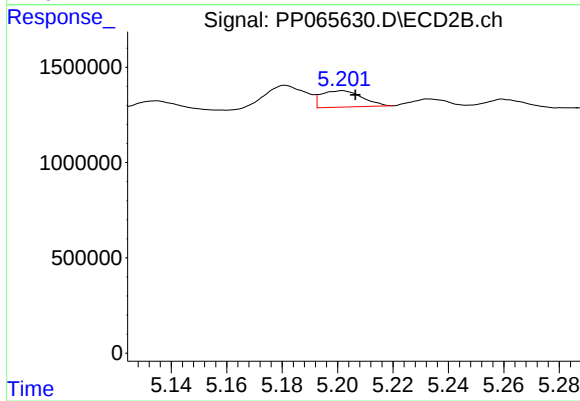
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.457 min
Response: 0
Conc: N.D.



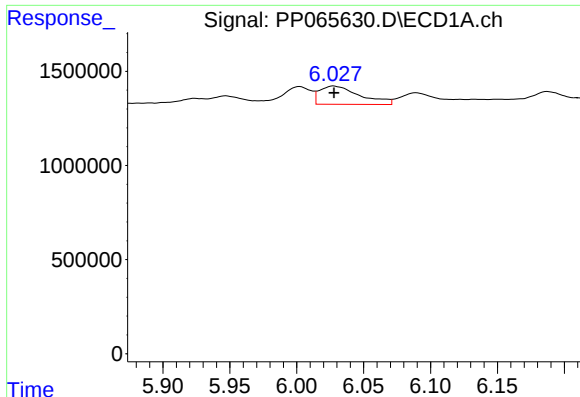
#12 AR-1232-2

R.T.: 5.732 min
Delta R.T.: -0.004 min
Response: 557764
Conc: 21.42 ng/ml



#12 AR-1232-2

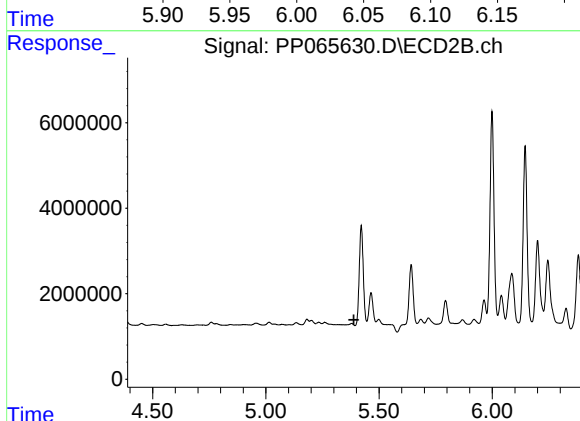
R.T.: 5.202 min
Delta R.T.: -0.005 min
Response: 877381
Conc: 15.73 ng/ml



#13 AR-1232-3

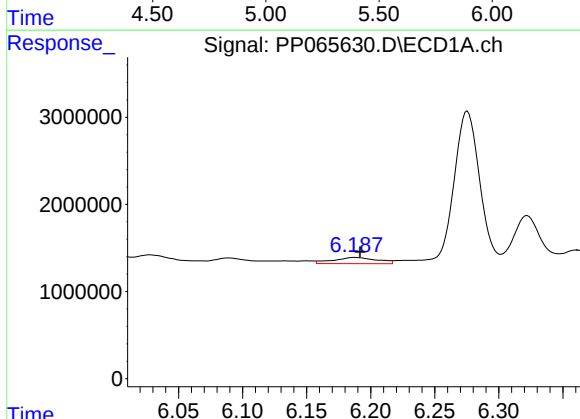
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 2038668
Conc: 45.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



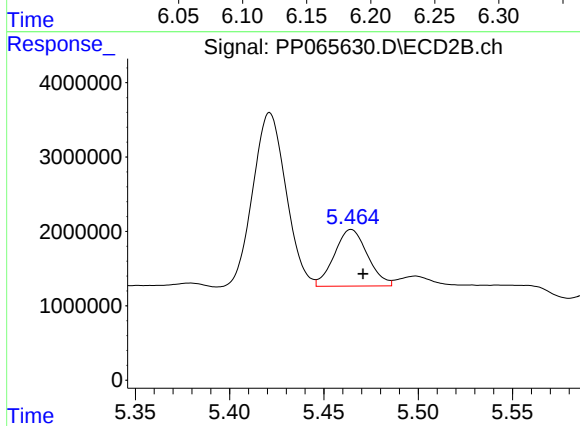
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.389 min
Response: 0
Conc: N.D.



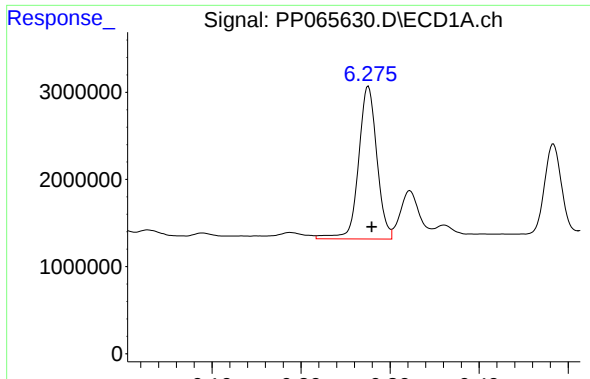
#14 AR-1232-4

R.T.: 6.187 min
Delta R.T.: -0.004 min
Response: 1705366
Conc: 73.01 ng/ml



#14 AR-1232-4

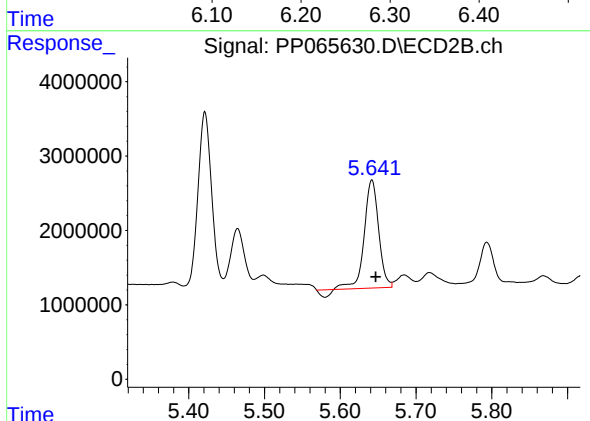
R.T.: 5.464 min
Delta R.T.: -0.006 min
Response: 9335094
Conc: 341.19 ng/ml



#15 AR-1232-5

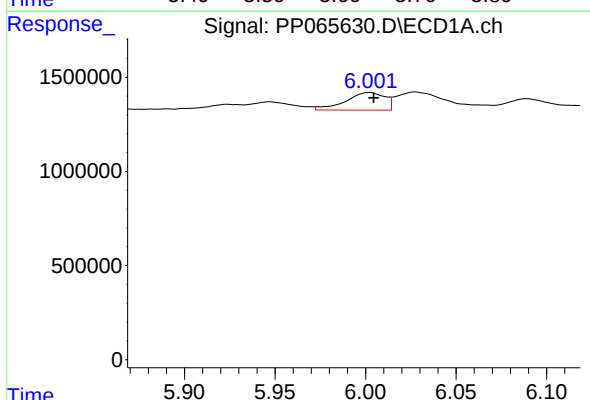
R.T.: 6.276 min
Delta R.T.: -0.004 min
Response: 25094853
Conc: 1278.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



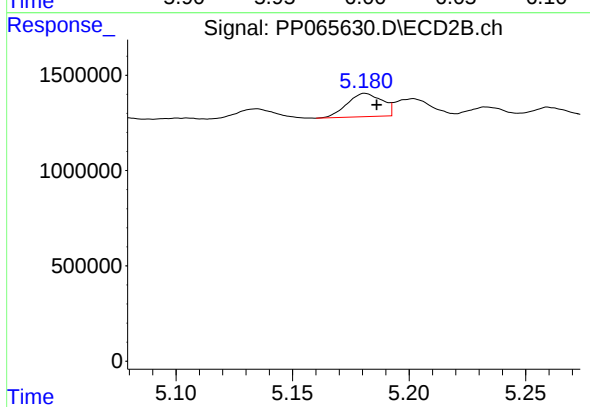
#15 AR-1232-5

R.T.: 5.642 min
Delta R.T.: -0.005 min
Response: 18762350
Conc: 641.68 ng/ml



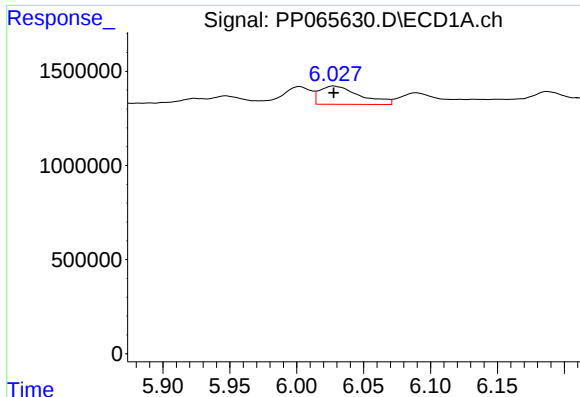
#16 AR-1242-1

R.T.: 6.002 min
Delta R.T.: -0.002 min
Response: 1411905
Conc: 25.82 ng/ml



#16 AR-1242-1

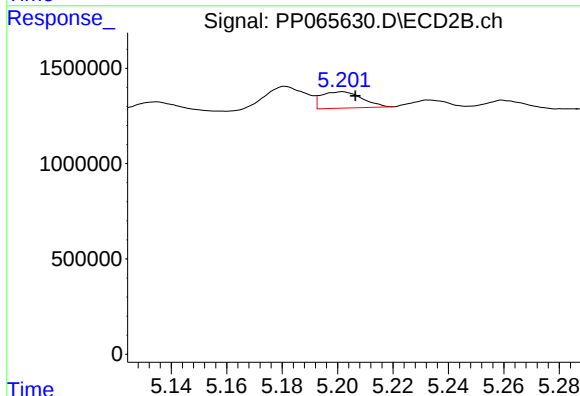
R.T.: 5.181 min
Delta R.T.: -0.005 min
Response: 1272950
Conc: 17.71 ng/ml



#17 AR-1242-2

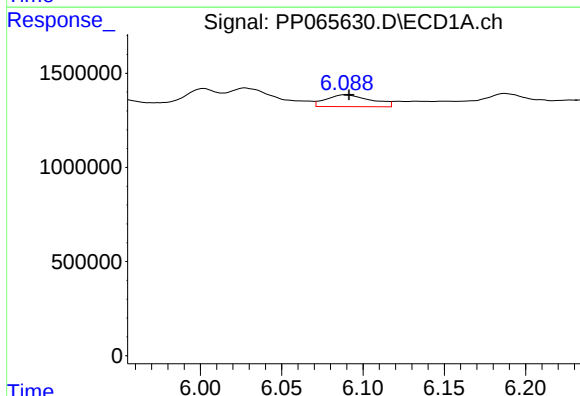
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 2038668
Conc: 25.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



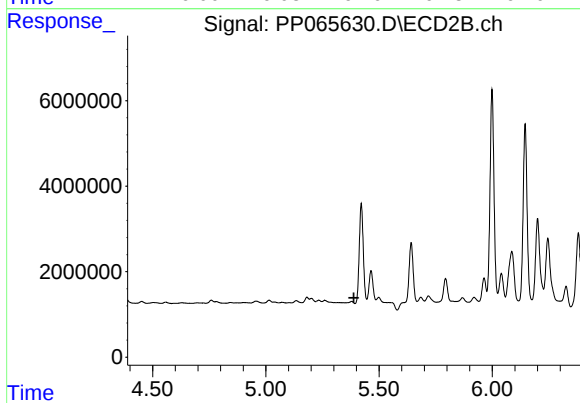
#17 AR-1242-2

R.T.: 5.202 min
Delta R.T.: -0.005 min
Response: 877381
Conc: 8.82 ng/ml



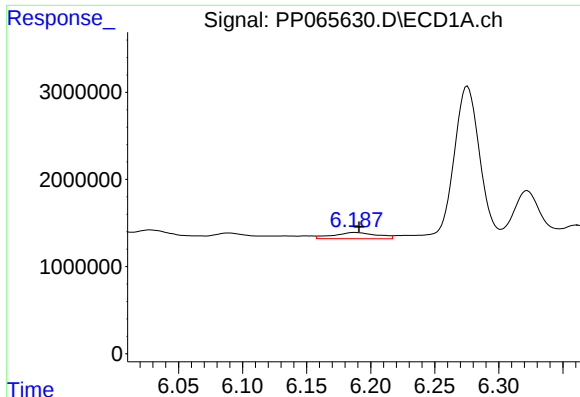
#18 AR-1242-3

R.T.: 6.089 min
Delta R.T.: -0.002 min
Response: 1203075
Conc: 23.80 ng/ml



#18 AR-1242-3

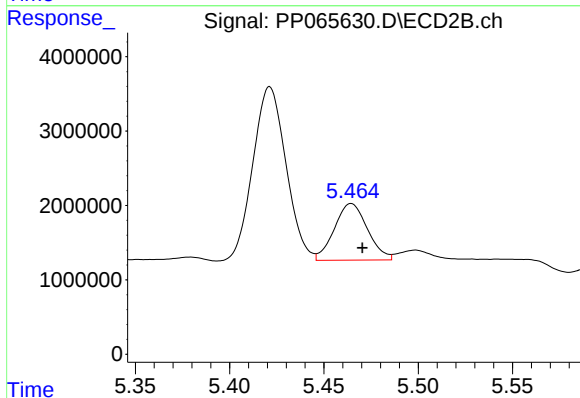
R.T.: 0.000 min
Exp R.T. : 5.389 min
Response: 0
Conc: N.D.



#19 AR-1242-4

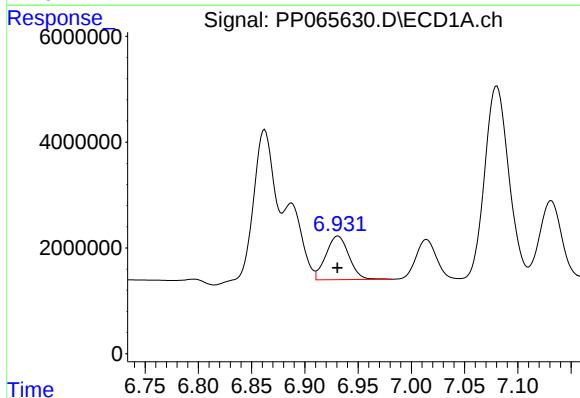
R.T.: 6.187 min
Delta R.T.: -0.003 min
Response: 1705366
Conc: 41.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



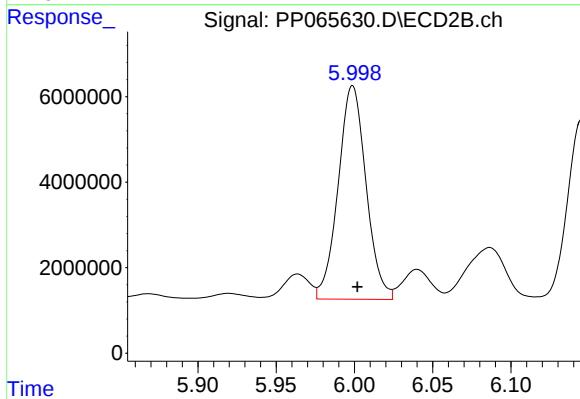
#19 AR-1242-4

R.T.: 5.464 min
Delta R.T.: -0.006 min
Response: 9335094
Conc: 175.27 ng/ml



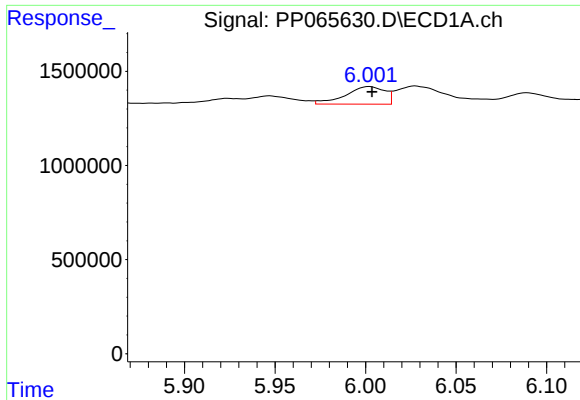
#20 AR-1242-5

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 12377602
Conc: 283.75 ng/ml



#20 AR-1242-5

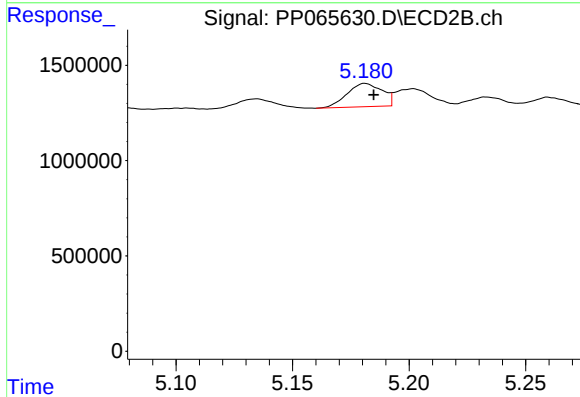
R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 62005786
Conc: 1043.55 ng/ml



#21 AR-1248-1

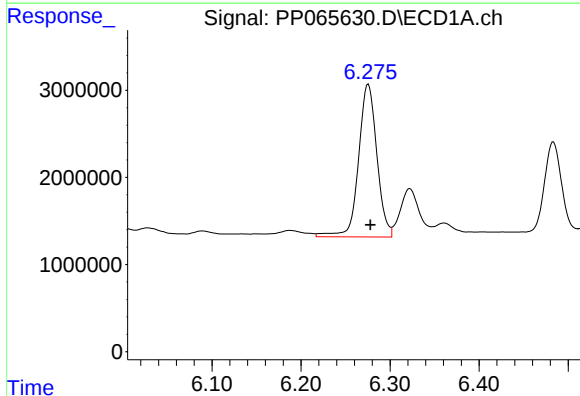
R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 1411905
Conc: 34.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



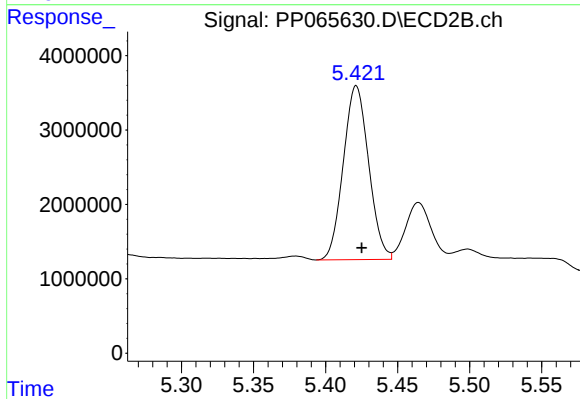
#21 AR-1248-1

R.T.: 5.181 min
Delta R.T.: -0.004 min
Response: 1272950
Conc: 23.85 ng/ml



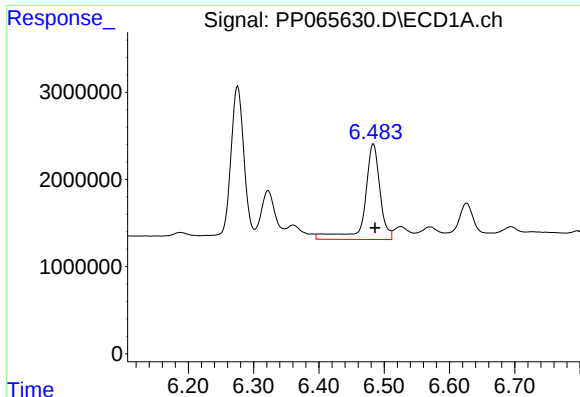
#22 AR-1248-2

R.T.: 6.276 min
Delta R.T.: -0.002 min
Response: 25094853
Conc: 402.66 ng/ml



#22 AR-1248-2

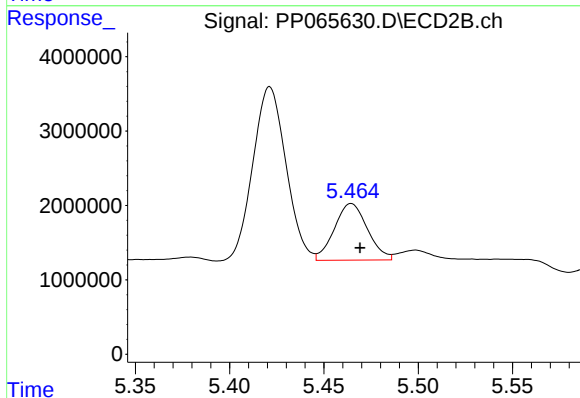
R.T.: 5.421 min
Delta R.T.: -0.004 min
Response: 28673587
Conc: 389.56 ng/ml



#23 AR-1248-3

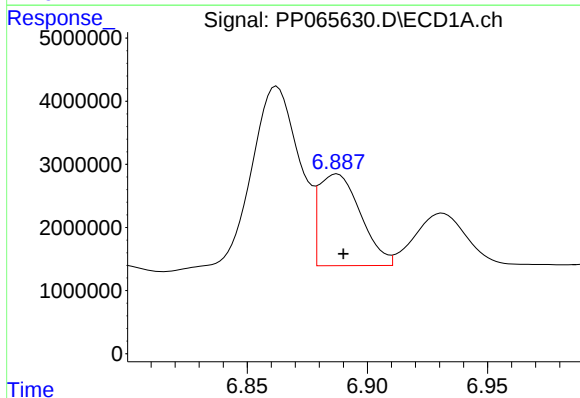
R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 17893706
Conc: 265.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



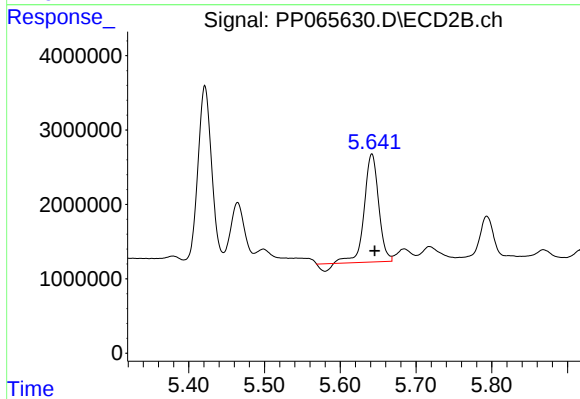
#23 AR-1248-3

R.T.: 5.464 min
Delta R.T.: -0.005 min
Response: 9335094
Conc: 122.16 ng/ml



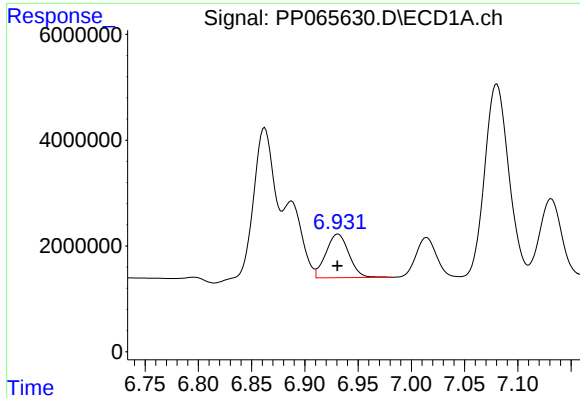
#24 AR-1248-4

R.T.: 6.887 min
Delta R.T.: -0.003 min
Response: 17553744
Conc: 246.56 ng/ml



#24 AR-1248-4

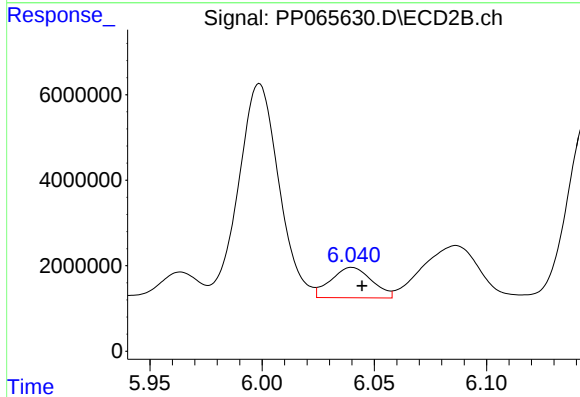
R.T.: 5.642 min
Delta R.T.: -0.004 min
Response: 18762350
Conc: 213.42 ng/ml



#25 AR-1248-5

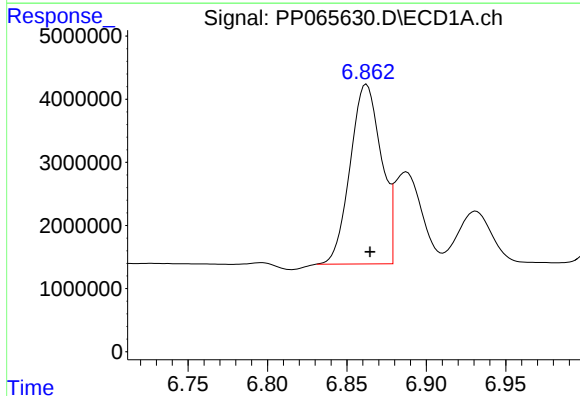
R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 12377602
Conc: 178.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



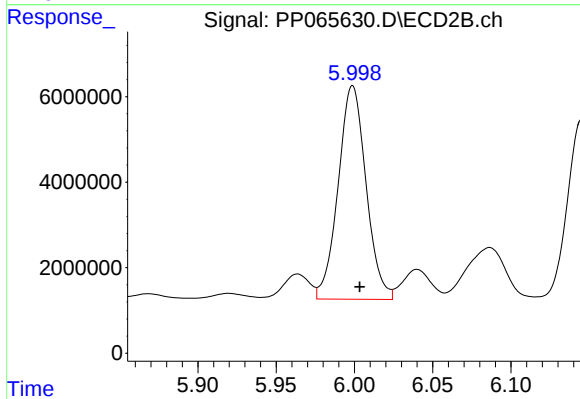
#25 AR-1248-5

R.T.: 6.040 min
Delta R.T.: -0.005 min
Response: 9035225
Conc: 113.26 ng/ml



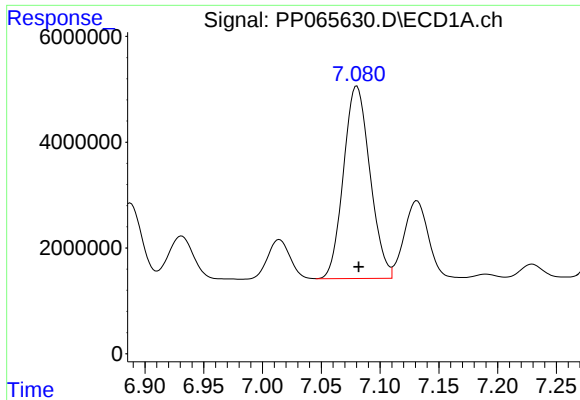
#26 AR-1254-1

R.T.: 6.862 min
Delta R.T.: -0.002 min
Response: 38786331
Conc: 495.12 ng/ml



#26 AR-1254-1

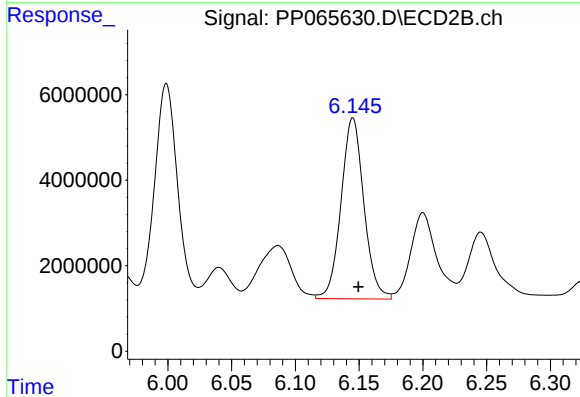
R.T.: 5.999 min
Delta R.T.: -0.004 min
Response: 62005786
Conc: 503.22 ng/ml



#27 AR-1254-2

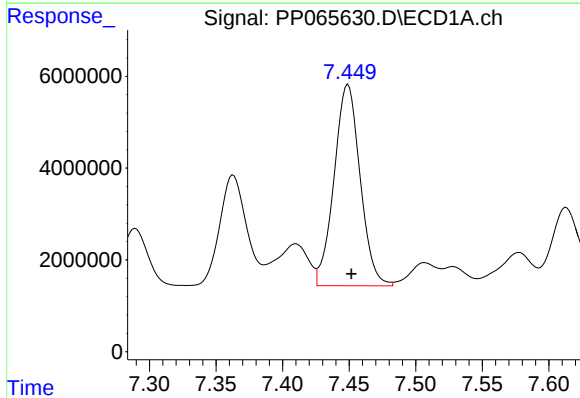
R.T.: 7.080 min
Delta R.T.: -0.002 min
Response: 56957370
Conc: 482.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



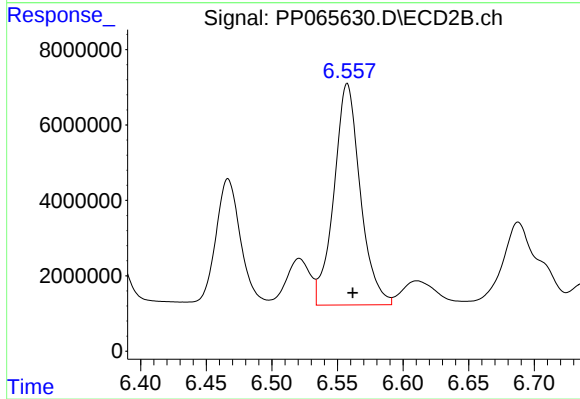
#27 AR-1254-2

R.T.: 6.145 min
Delta R.T.: -0.004 min
Response: 52793264
Conc: 501.40 ng/ml



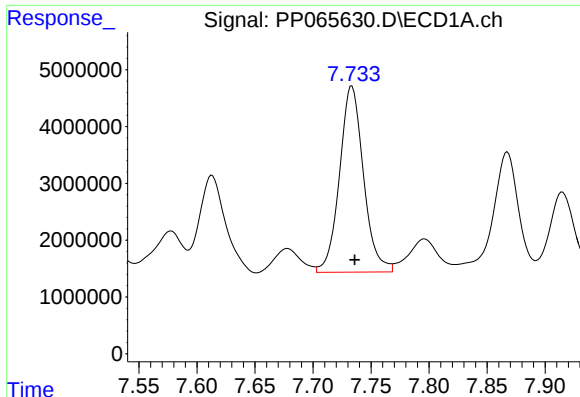
#28 AR-1254-3

R.T.: 7.449 min
Delta R.T.: -0.002 min
Response: 59870246
Conc: 490.61 ng/ml



#28 AR-1254-3

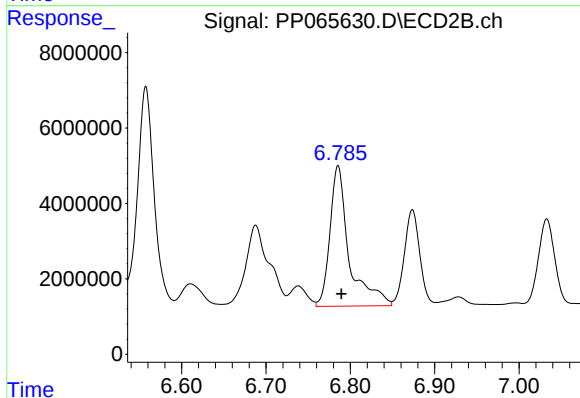
R.T.: 6.558 min
Delta R.T.: -0.004 min
Response: 82169657
Conc: 519.26 ng/ml



#29 AR-1254-4

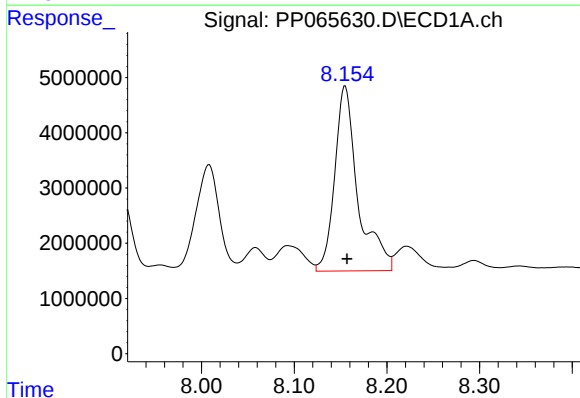
R.T.: 7.734 min
Delta R.T.: -0.003 min
Response: 47106645
Conc: 529.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



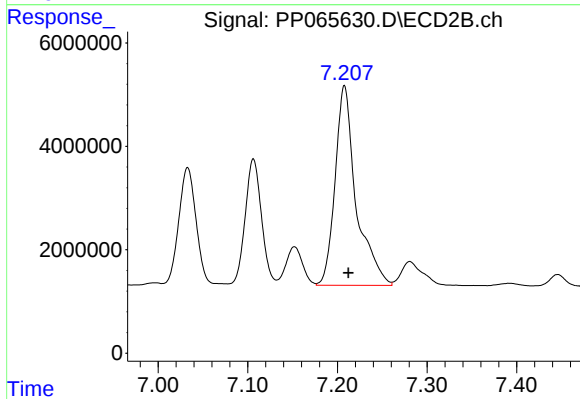
#29 AR-1254-4

R.T.: 6.785 min
Delta R.T.: -0.004 min
Response: 59069148
Conc: 639.71 ng/ml



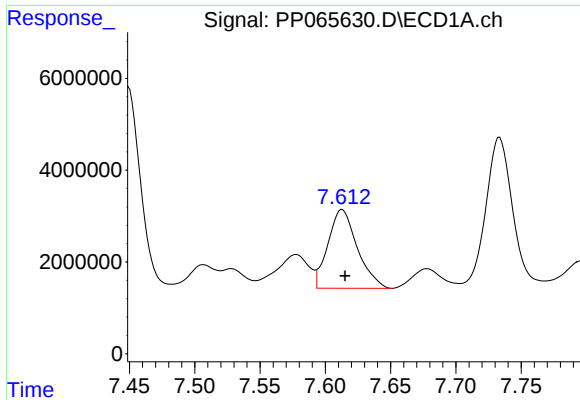
#30 AR-1254-5

R.T.: 8.155 min
Delta R.T.: -0.002 min
Response: 58569276
Conc: 597.90 ng/ml



#30 AR-1254-5

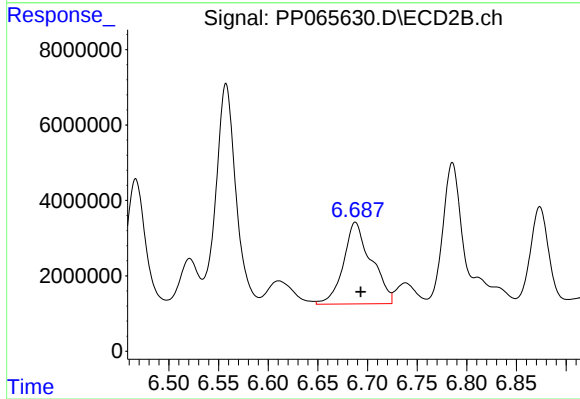
R.T.: 7.208 min
Delta R.T.: -0.004 min
Response: 62882152
Conc: 491.30 ng/ml



#31 AR-1260-1

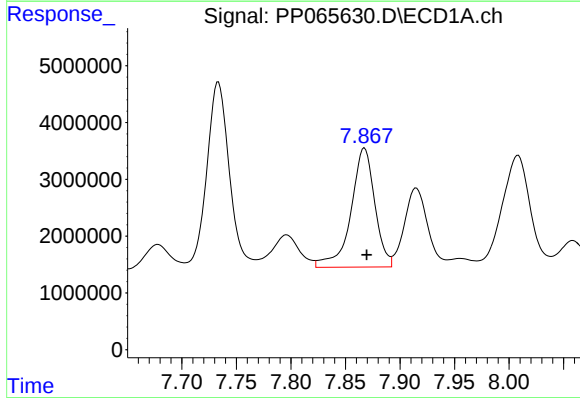
R.T.: 7.613 min
Delta R.T.: -0.002 min
Response: 26882491
Conc: 277.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



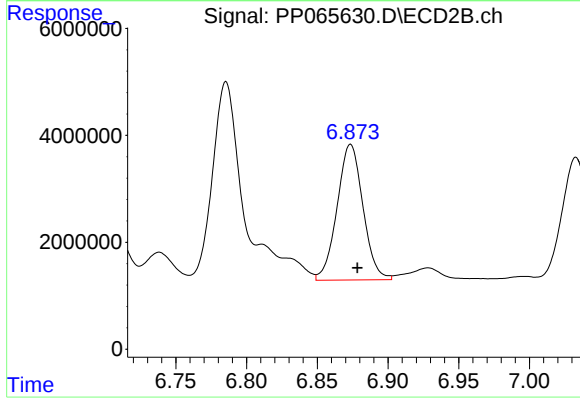
#31 AR-1260-1

R.T.: 6.688 min
Delta R.T.: -0.005 min
Response: 42394857
Conc: 399.50 ng/ml



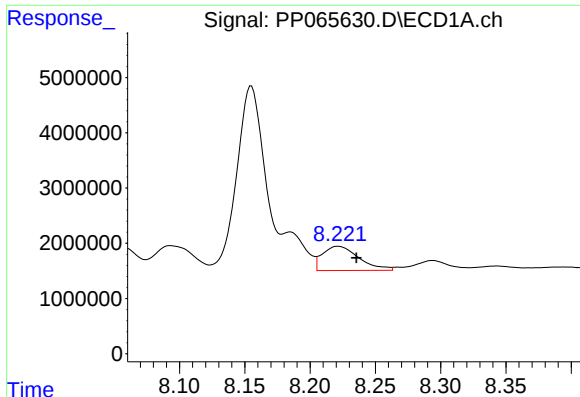
#32 AR-1260-2

R.T.: 7.867 min
Delta R.T.: -0.002 min
Response: 31896674
Conc: 284.49 ng/ml



#32 AR-1260-2

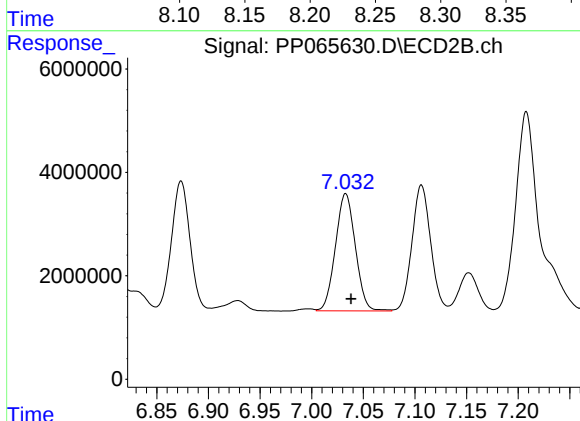
R.T.: 6.874 min
Delta R.T.: -0.005 min
Response: 32260556
Conc: 261.59 ng/ml



#33 AR-1260-3

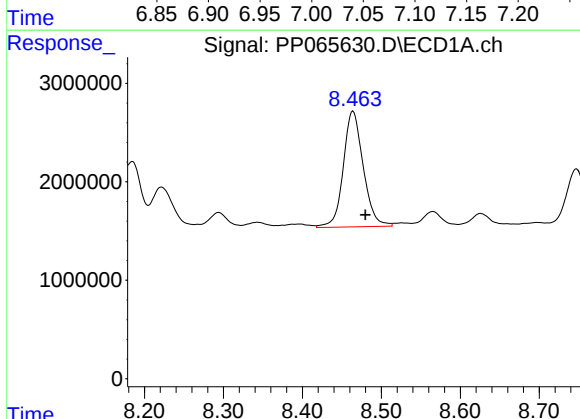
R.T.: 8.222 min
Delta R.T.: -0.014 min
Response: 8552673
Conc: 97.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



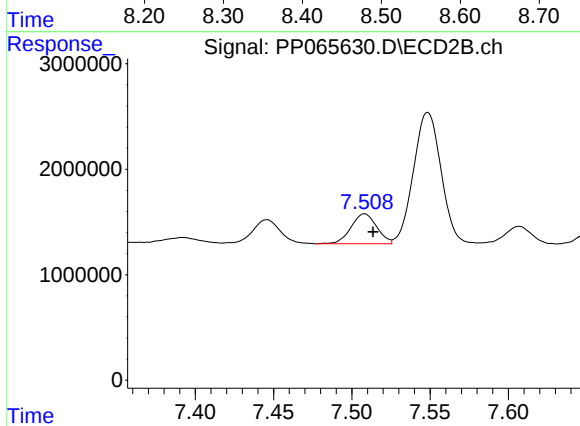
#33 AR-1260-3

R.T.: 7.033 min
Delta R.T.: -0.005 min
Response: 30443786
Conc: 262.50 ng/ml



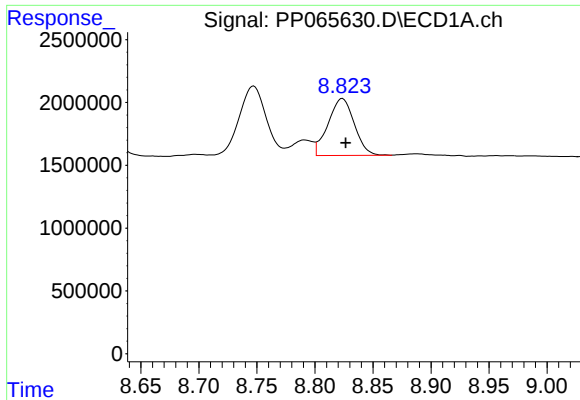
#34 AR-1260-4

R.T.: 8.464 min
Delta R.T.: -0.016 min
Response: 20637720
Conc: 205.94 ng/ml



#34 AR-1260-4

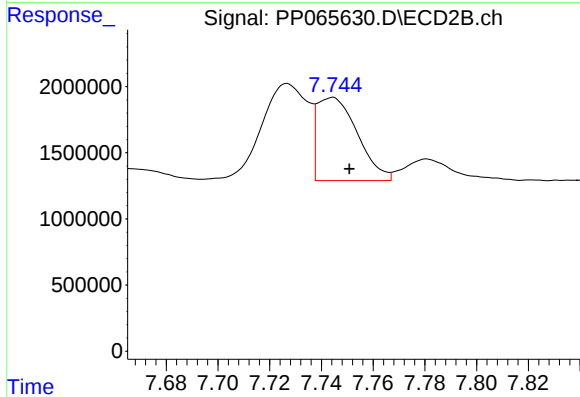
R.T.: 7.508 min
Delta R.T.: -0.005 min
Response: 3241021
Conc: 36.80 ng/ml



#35 AR-1260-5

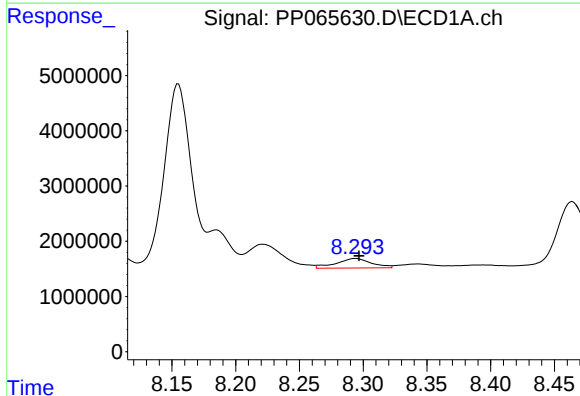
R.T.: 8.824 min
Delta R.T.: -0.003 min
Response: 7121665
Conc: 37.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



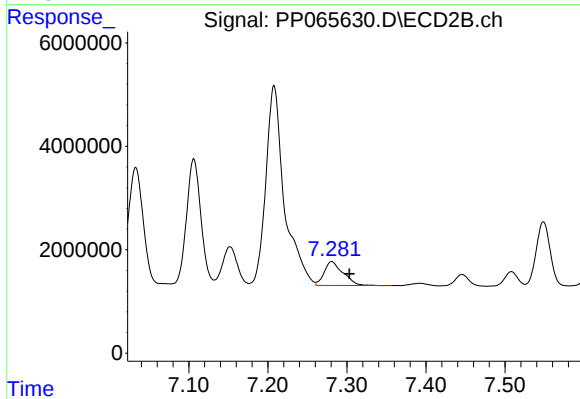
#35 AR-1260-5

R.T.: 7.744 min
Delta R.T.: -0.007 min
Response: 6807058
Conc: 35.56 ng/ml



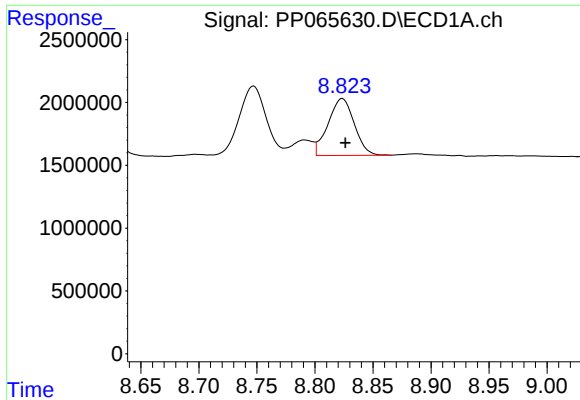
#36 AR-1262-1

R.T.: 8.294 min
Delta R.T.: -0.003 min
Response: 3281319
Conc: 61.24 ng/ml



#36 AR-1262-1

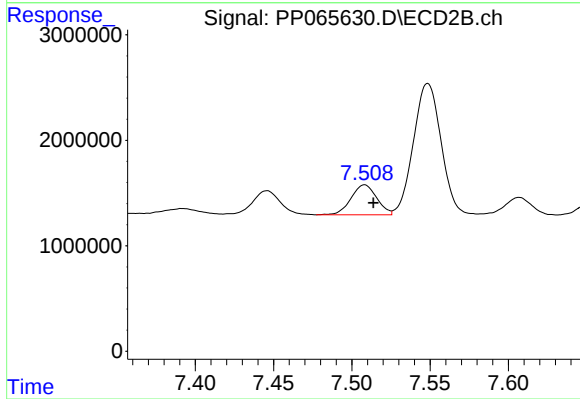
R.T.: 7.281 min
Delta R.T.: -0.023 min
Response: 7678727
Conc: 138.06 ng/ml



#37 AR-1262-2

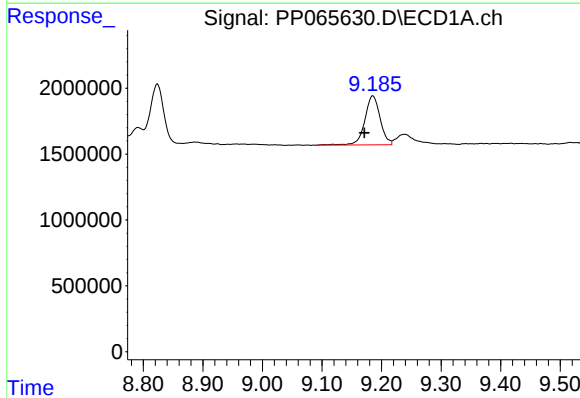
R.T.: 8.824 min
Delta R.T.: -0.003 min
Response: 7121665
Conc: 33.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



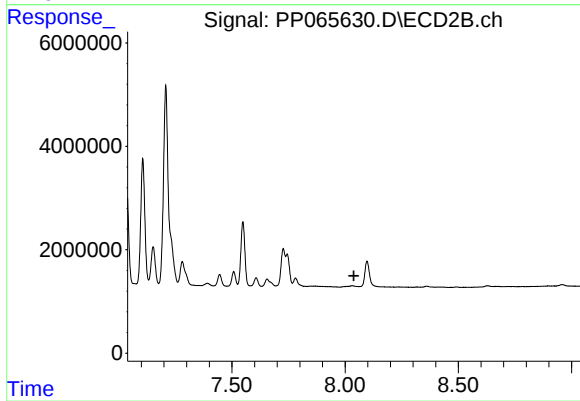
#37 AR-1262-2

R.T.: 7.508 min
Delta R.T.: -0.006 min
Response: 3241021
Conc: 29.09 ng/ml



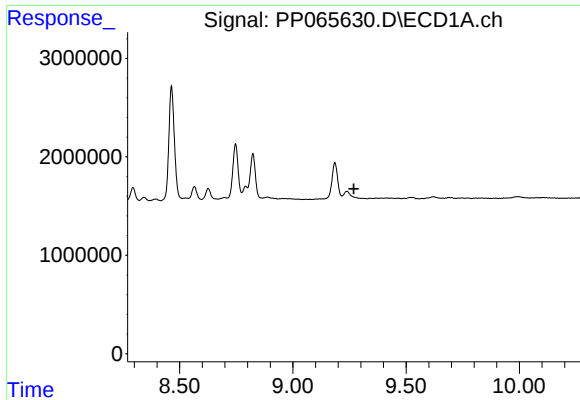
#38 AR-1262-3

R.T.: 9.185 min
Delta R.T.: 0.014 min
Response: 6679823
Conc: 43.63 ng/ml



#38 AR-1262-3

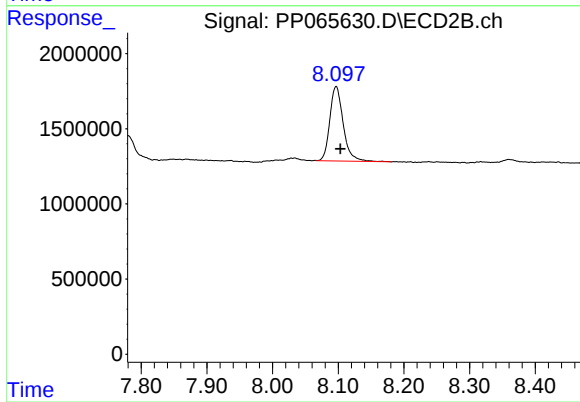
R.T.: 0.000 min
Exp R.T. : 8.038 min
Response: 0
Conc: N.D.



#39 AR-1262-4

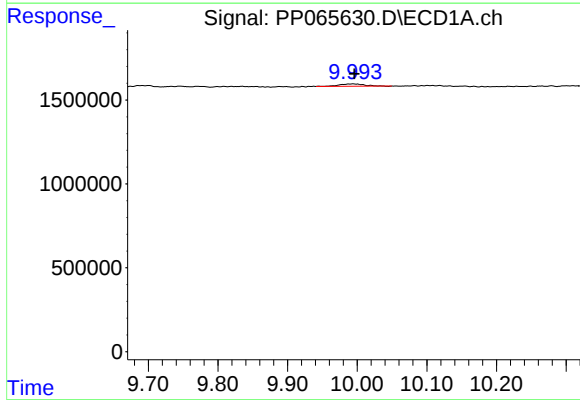
R.T.: 0.000 min
Exp R.T.: 9.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



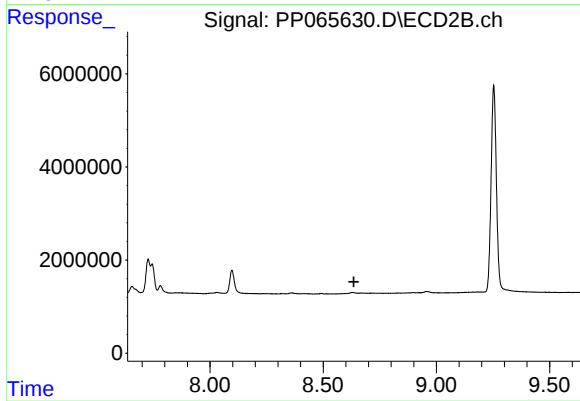
#39 AR-1262-4

R.T.: 8.097 min
Delta R.T.: -0.006 min
Response: 7049944
Conc: 45.92 ng/ml



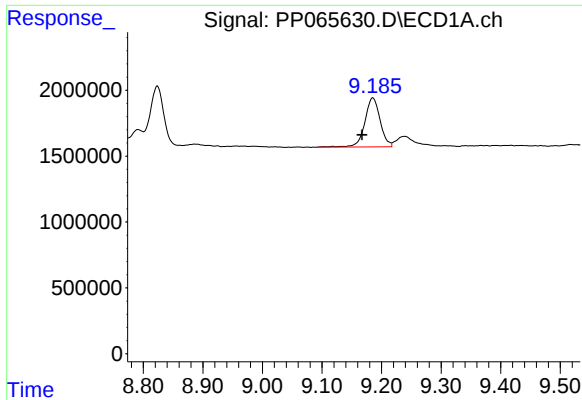
#40 AR-1262-5

R.T.: 9.993 min
Delta R.T.: -0.003 min
Response: 344230
Conc: 4.24 ng/ml



#40 AR-1262-5

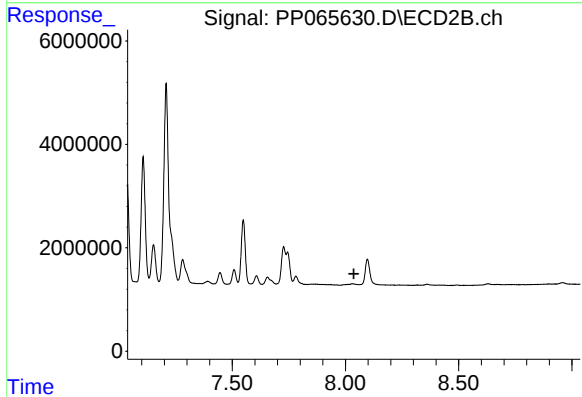
R.T.: 0.000 min
Exp R.T.: 8.636 min
Response: 0
Conc: N.D.



#41 AR-1268-1

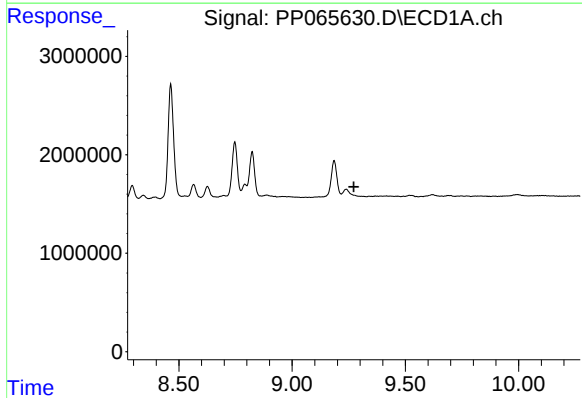
R.T.: 9.185 min
Delta R.T.: 0.018 min
Response: 6679823
Conc: 26.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



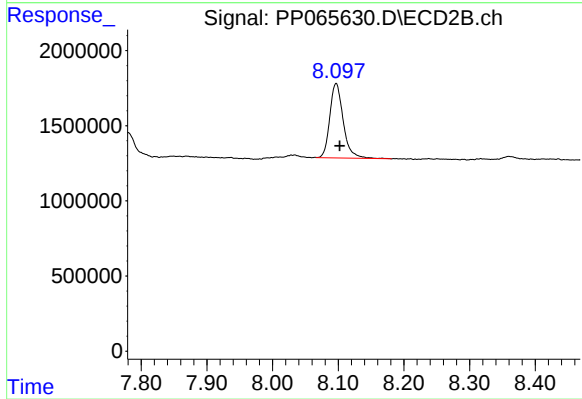
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.037 min
Response: 0
Conc: N.D.



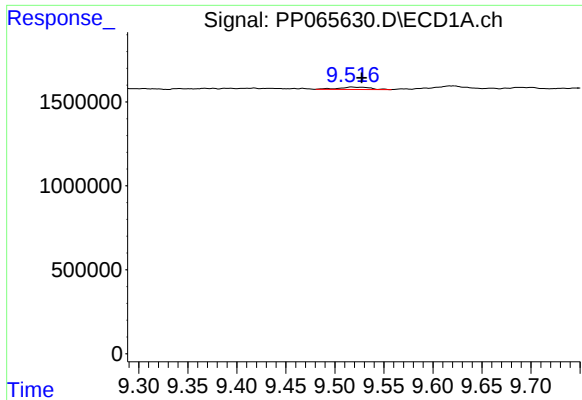
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.272 min
Response: 0
Conc: N.D.



#42 AR-1268-2

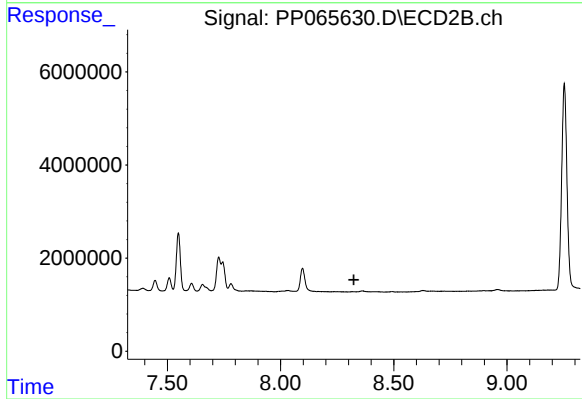
R.T.: 8.097 min
Delta R.T.: -0.006 min
Response: 7049944
Conc: 33.59 ng/ml



#43 AR-1268-3

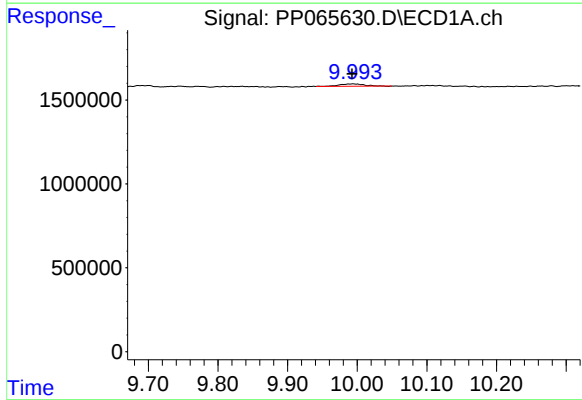
R.T.: 9.517 min
Delta R.T.: -0.010 min
Response: 313488
Conc: 1.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



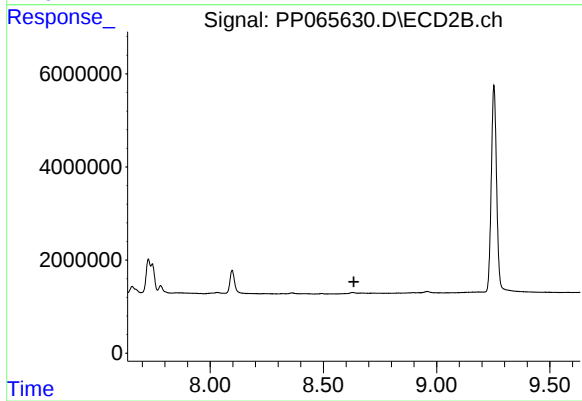
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.324 min
Response: 0
Conc: N.D.



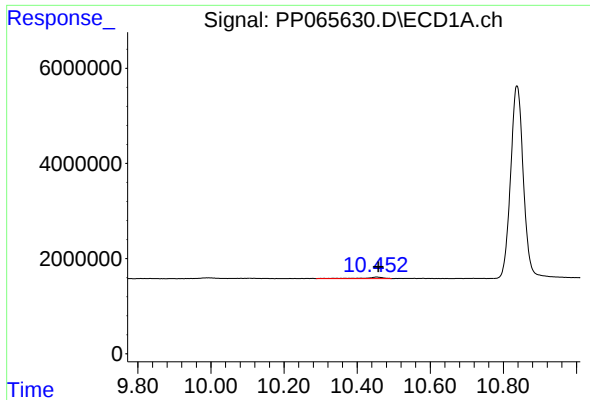
#44 AR-1268-4

R.T.: 9.993 min
Delta R.T.: 0.000 min
Response: 344230
Conc: 4.13 ng/ml



#44 AR-1268-4

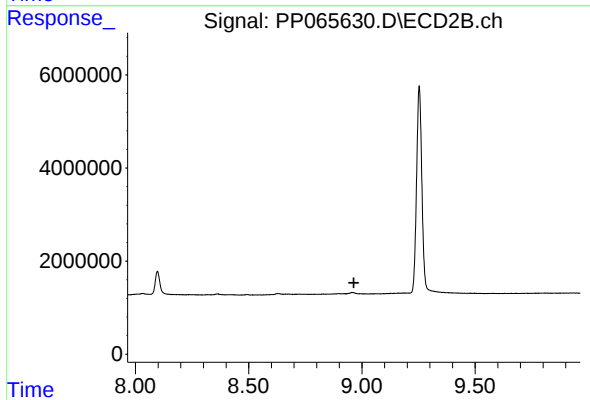
R.T.: 0.000 min
Exp R.T. : 8.635 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.453 min
Delta R.T.: -0.005 min
Response: 1184667
Conc: 1.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.964 min
Response: 0
Conc: N.D.