

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0032123\
 Data File : P0093373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2023 17:10
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 21:17:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.426	3.632	131.2E6	46960264	41.906	41.636
2)	SA Decachlor...	10.256	8.660	93648716	40771967	43.270	41.641
Target Compounds							
3)	L1 AR-1016-1	5.603	4.717	24857968	9827978	260.151	274.557
4)	L1 AR-1016-2	5.626	4.735	30660110	10056191	214.719	193.775
5)	L1 AR-1016-3	5.688	4.912	15236107	6808413	167.921	246.099 #
6)	L1 AR-1016-4	5.785	4.954	16439836	15109850	242.650	607.705 #
7)	L1 AR-1016-5	6.085	5.167	43046795	18140697	574.937	573.187
8)	L2 AR-1221-1	4.634	0.000	354250	0	8.764	N.D. #
9)	L2 AR-1221-2	4.733	3.931	2053552	751870	67.763	68.848
10)	L2 AR-1221-3	4.799	4.007	2563494	898585	28.040	26.377
11)	L3 AR-1232-1	4.799	4.007	2563494	898585	35.112	31.815
12)	L3 AR-1232-2	5.333	4.735	12018698	10056191	334.258	408.120
13)	L3 AR-1232-3	5.626	4.912	30660110	6808413	468.345	538.140
14)	L3 AR-1232-4	5.785	4.995	16439836	15808030	536.953	1234.265 #
15)	L3 AR-1232-5	5.879	5.167	40072240	18140697	1444.116	1293.535
16)	L4 AR-1242-1	5.603	4.717	24857968	9827978	303.282	323.430
17)	L4 AR-1242-2	5.626	4.735	30660110	10056191	255.452	226.502
18)	L4 AR-1242-3	5.688	4.912	15236107	6808413	198.521	291.211 #
19)	L4 AR-1242-4	5.785	4.995	16439836	15808030	286.861	606.832 #
20)	L4 AR-1242-5	6.531	5.520	42590738	23049930	681.561	806.870
21)	L5 AR-1248-1	5.603	4.717	24857968	9827978	399.878	422.315
22)	L5 AR-1248-2	5.879	4.954	40072240	15109850	419.561	416.932
23)	L5 AR-1248-3	6.085	4.995	43046795	15808030	413.676	421.249
24)	L5 AR-1248-4	6.491	5.167	41904164	18140697	411.506	421.666
25)	L5 AR-1248-5	6.531	5.561	42590738	15710139	416.091	427.168
26)	L6 AR-1254-1	6.464	5.520	32520437	23049930	278.285	367.249 #
27)	L6 AR-1254-2	6.688	5.668	41937327	7977694	245.437	141.570 #
28)	L6 AR-1254-3	7.055	6.073	24225333	11305954	145.727	131.321
29)	L6 AR-1254-4	7.343	6.302	14038536	7293631	131.695	159.490
30)	L6 AR-1254-5	7.767	6.722	4193183	2018426	30.967	27.331
31)	L7 AR-1260-1	7.222	6.217	3062264	5296397	23.637	87.114 #
32)	L7 AR-1260-2	7.479	6.392	2267417	1100115	15.359	15.217
33)	L7 AR-1260-3	7.844	6.545	126129	1342224	1.121	20.073 #
34)	L7 AR-1260-4	8.056	7.057	1992392	536320	15.537	9.746 #
35)	L7 AR-1260-5	8.396	7.264	1348256	295864	6.034	2.513 #
36)	L8 AR-1262-1	7.767	6.722	4193183	2018426	42.183	54.014 #
37)	L8 AR-1262-2	8.396	7.264	1348256	295864	5.681	2.485 #
38)	L8 AR-1262-3	8.726	0.000	341331	0	2.021	N.D. #
39)	L8 AR-1262-4	8.817	0.000	532167	0	5.942	N.D. #
40)	L8 AR-1262-5	9.488	0.000	311939	0	3.266	N.D. #
41)	L9 AR-1268-1	8.726	0.000	341331	0	1.069	N.D. #

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 Acq On : 21 Mar 2023 17:10
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

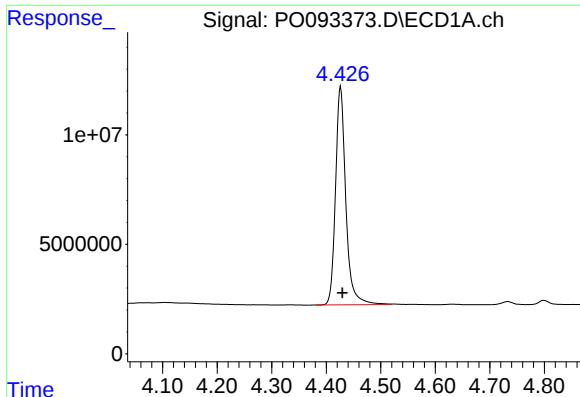
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 21:17:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.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	8.817	0.000	532167	0	1.833	N.D.	#
43) L9	AR-1268-3	9.053	0.000	423385	0	1.659	N.D.	#
44) L9	AR-1268-4	9.488	0.000	311939	0	2.921	N.D.	#
45) L9	AR-1268-5	9.900	0.000	203751	0	0.254	N.D.	#

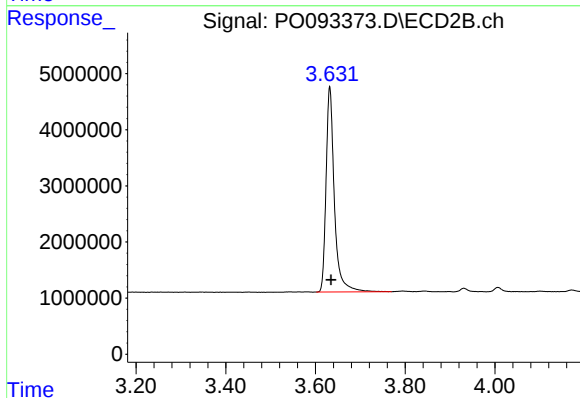
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

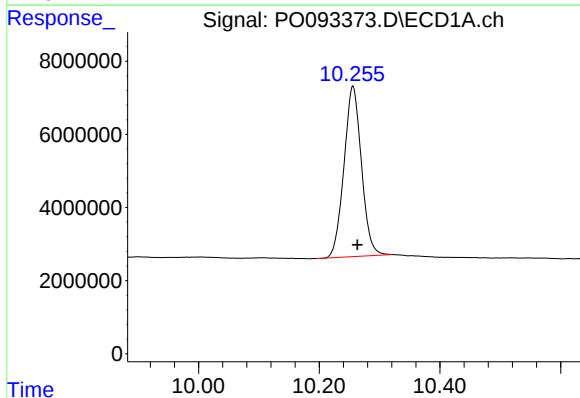
R.T.: 4.426 min
Delta R.T.: -0.004 min
Response: 131227345
Conc: 41.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



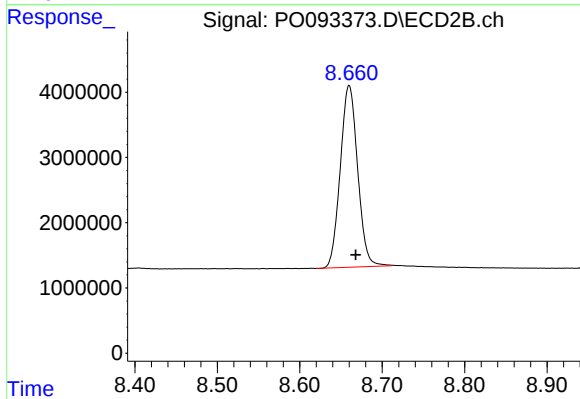
#1 Tetrachloro-m-xylene

R.T.: 3.632 min
Delta R.T.: -0.003 min
Response: 46960264
Conc: 41.64 ng/ml



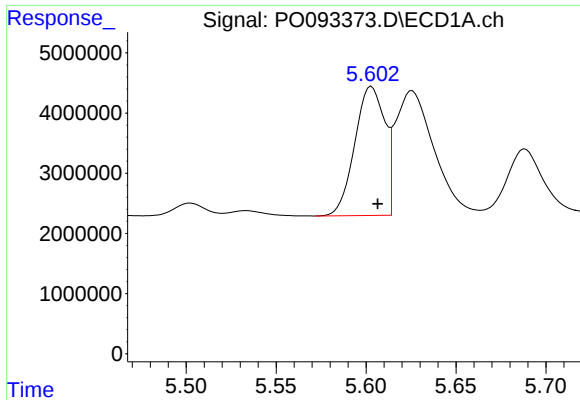
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.007 min
Response: 93648716
Conc: 43.27 ng/ml



#2 Decachlorobiphenyl

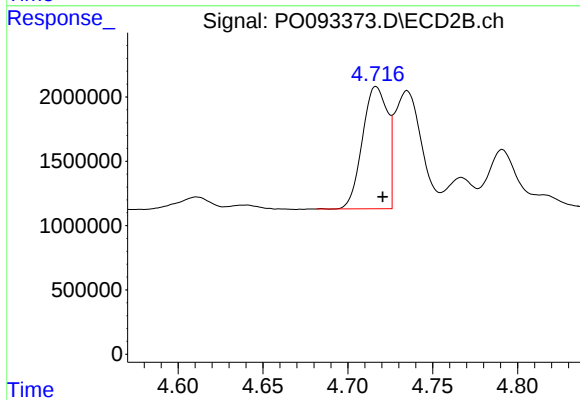
R.T.: 8.660 min
Delta R.T.: -0.008 min
Response: 40771967
Conc: 41.64 ng/ml



#3 AR-1016-1

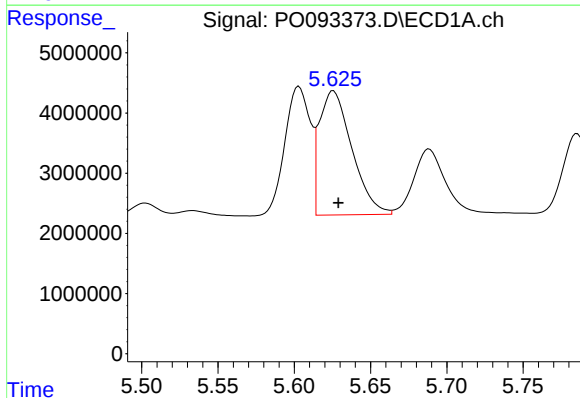
R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 24857968
Conc: 260.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



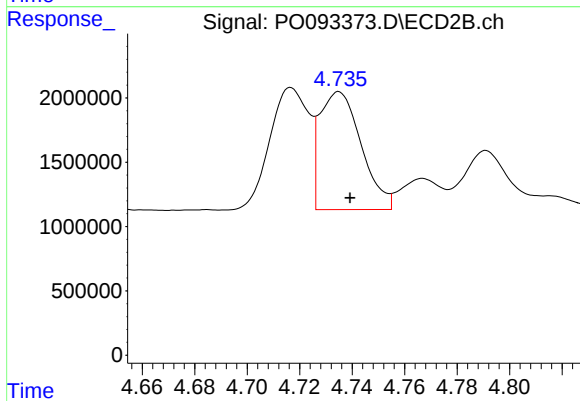
#3 AR-1016-1

R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 9827978
Conc: 274.56 ng/ml



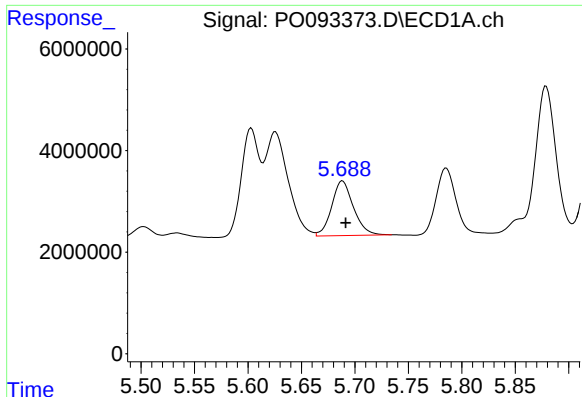
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 30660110
Conc: 214.72 ng/ml



#4 AR-1016-2

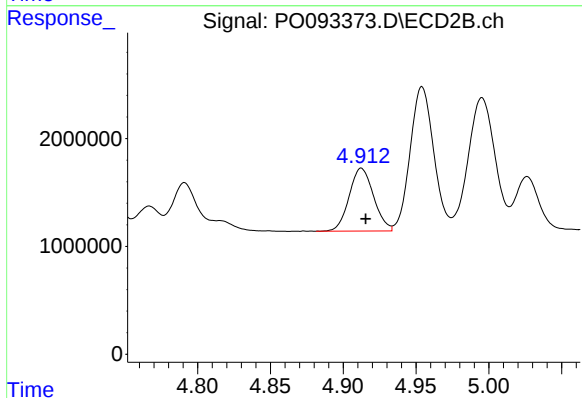
R.T.: 4.735 min
Delta R.T.: -0.004 min
Response: 10056191
Conc: 193.78 ng/ml



#5 AR-1016-3

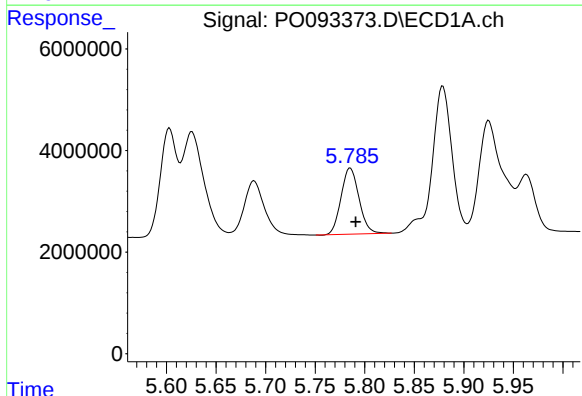
R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 15236107
Conc: 167.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



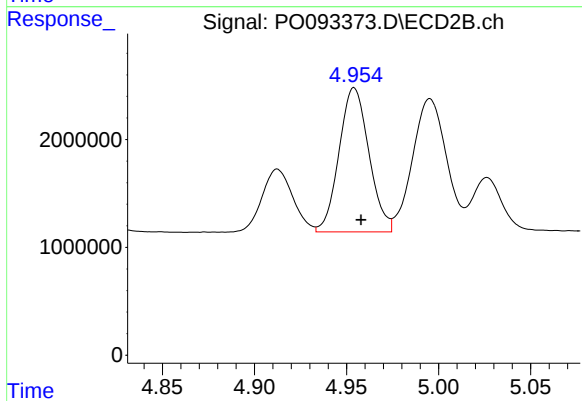
#5 AR-1016-3

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 6808413
Conc: 246.10 ng/ml



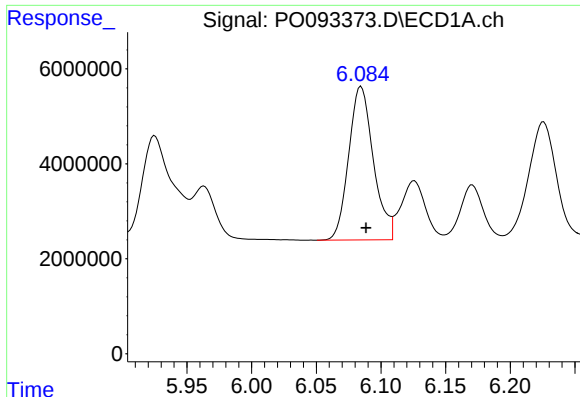
#6 AR-1016-4

R.T.: 5.785 min
Delta R.T.: -0.005 min
Response: 16439836
Conc: 242.65 ng/ml



#6 AR-1016-4

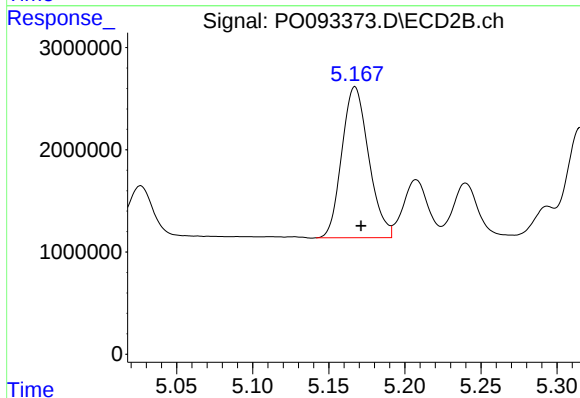
R.T.: 4.954 min
Delta R.T.: -0.004 min
Response: 15109850
Conc: 607.70 ng/ml



#7 AR-1016-5

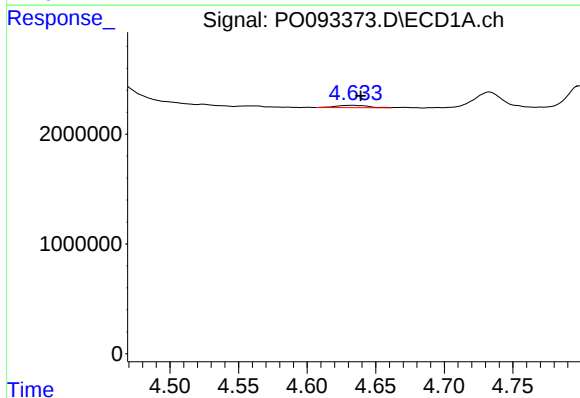
R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 43046795
Conc: 574.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



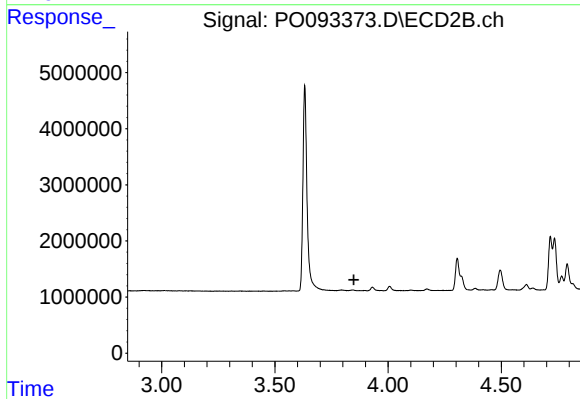
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: -0.004 min
Response: 18140697
Conc: 573.19 ng/ml



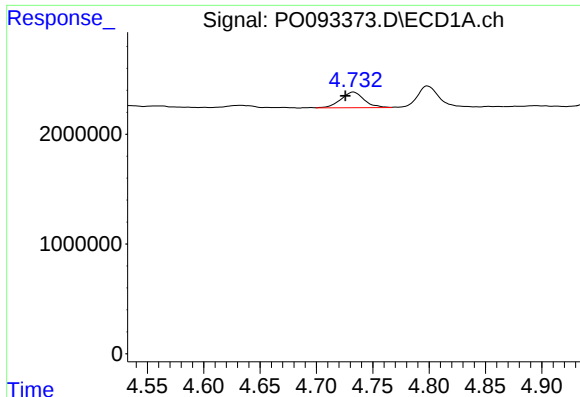
#8 AR-1221-1

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 354250
Conc: 8.76 ng/ml



#8 AR-1221-1

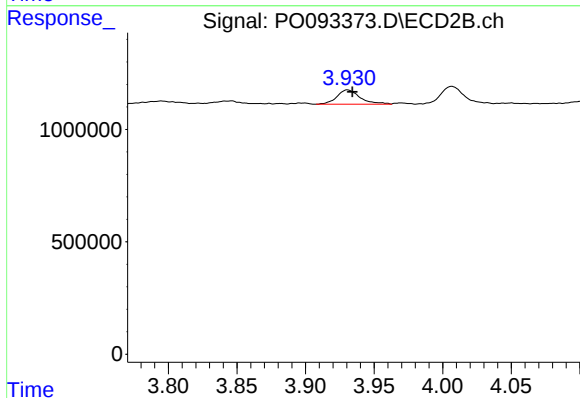
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

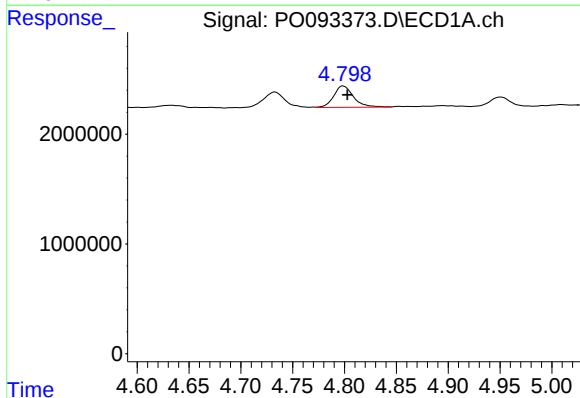
R.T.: 4.733 min
Delta R.T.: 0.007 min
Response: 2053552
Conc: 67.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



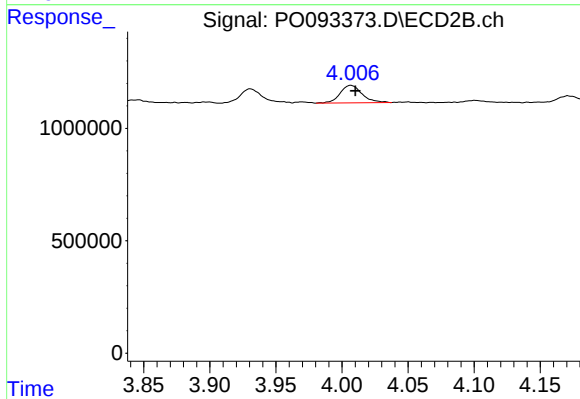
#9 AR-1221-2

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 751870
Conc: 68.85 ng/ml



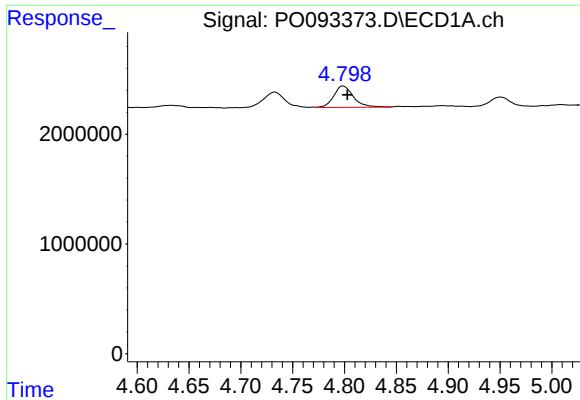
#10 AR-1221-3

R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 2563494
Conc: 28.04 ng/ml



#10 AR-1221-3

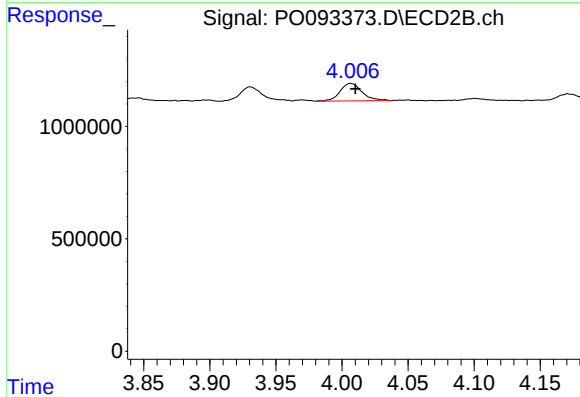
R.T.: 4.007 min
Delta R.T.: -0.004 min
Response: 898585
Conc: 26.38 ng/ml



#11 AR-1232-1

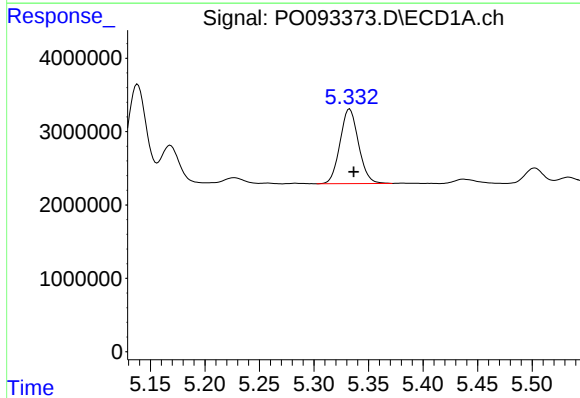
R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 2563494
Conc: 35.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



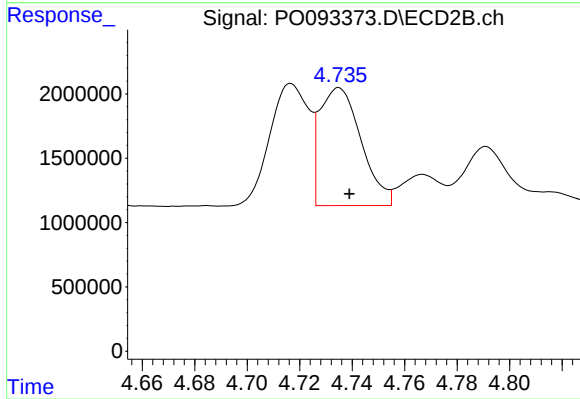
#11 AR-1232-1

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 898585
Conc: 31.81 ng/ml



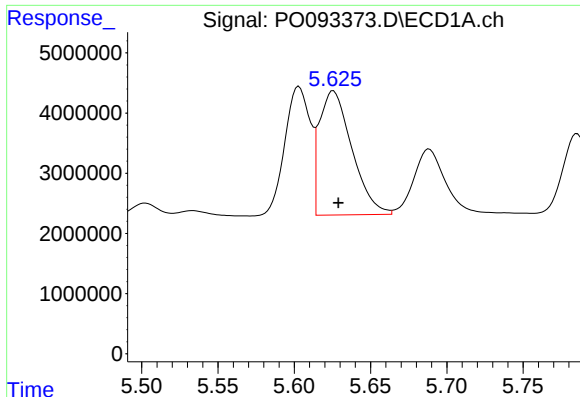
#12 AR-1232-2

R.T.: 5.333 min
Delta R.T.: -0.004 min
Response: 12018698
Conc: 334.26 ng/ml



#12 AR-1232-2

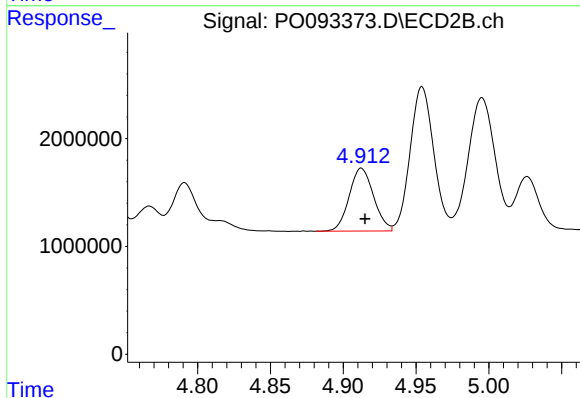
R.T.: 4.735 min
Delta R.T.: -0.004 min
Response: 10056191
Conc: 408.12 ng/ml



#13 AR-1232-3

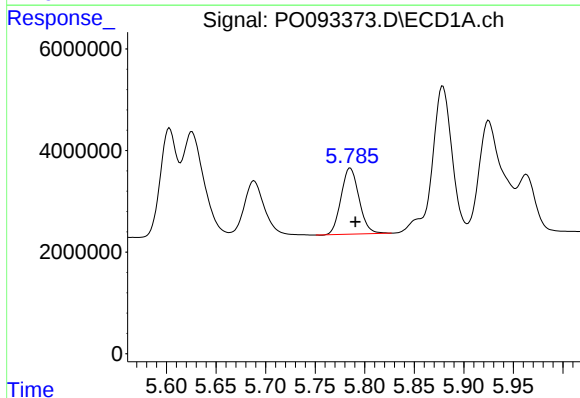
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 30660110
Conc: 468.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



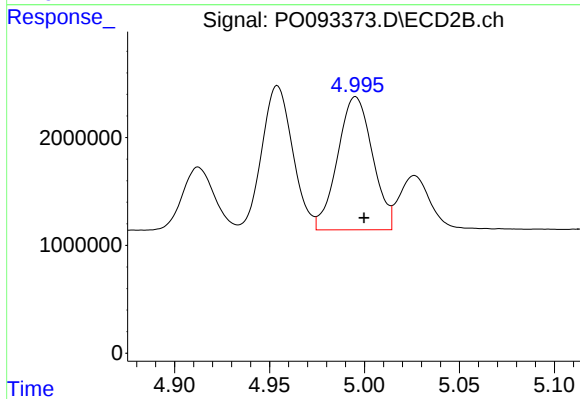
#13 AR-1232-3

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 6808413
Conc: 538.14 ng/ml



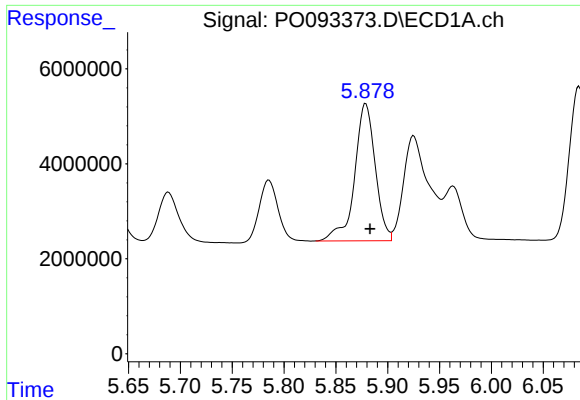
#14 AR-1232-4

R.T.: 5.785 min
Delta R.T.: -0.005 min
Response: 16439836
Conc: 536.95 ng/ml



#14 AR-1232-4

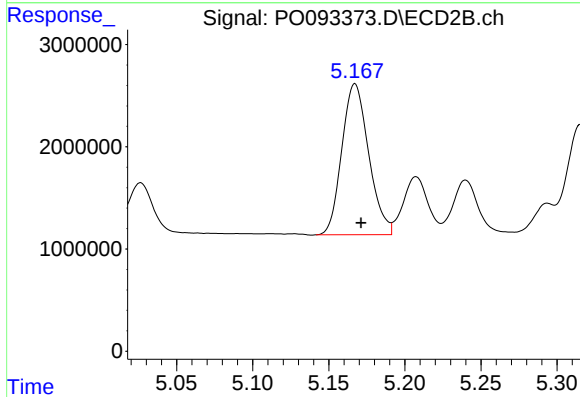
R.T.: 4.995 min
Delta R.T.: -0.004 min
Response: 15808030
Conc: 1234.27 ng/ml



#15 AR-1232-5

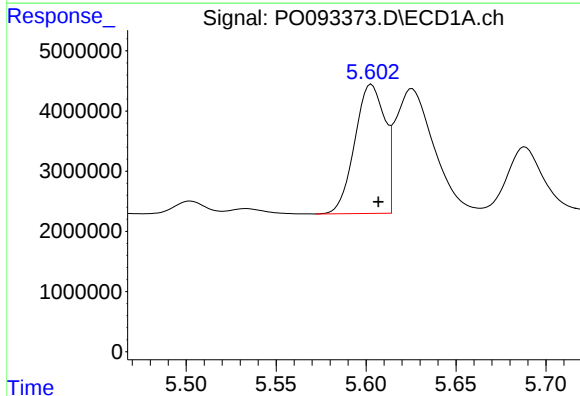
R.T.: 5.879 min
Delta R.T.: -0.004 min
Response: 40072240
Conc: 1444.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



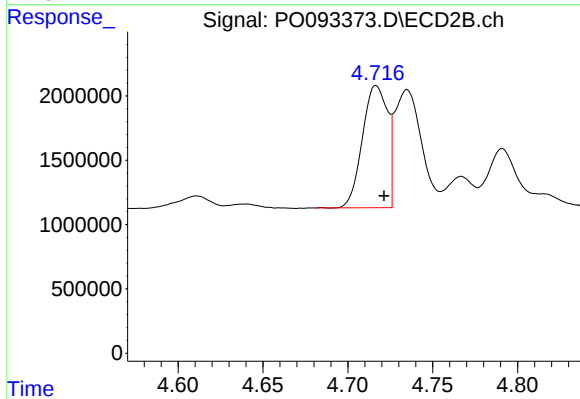
#15 AR-1232-5

R.T.: 5.167 min
Delta R.T.: -0.004 min
Response: 18140697
Conc: 1293.54 ng/ml



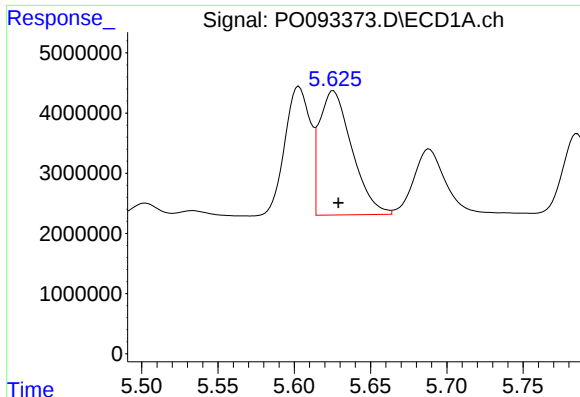
#16 AR-1242-1

R.T.: 5.603 min
Delta R.T.: -0.004 min
Response: 24857968
Conc: 303.28 ng/ml



#16 AR-1242-1

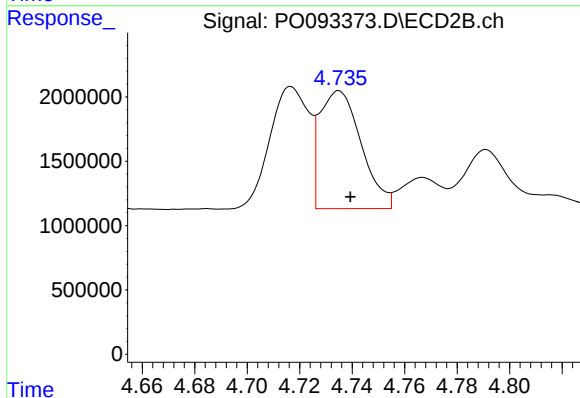
R.T.: 4.717 min
Delta R.T.: -0.005 min
Response: 9827978
Conc: 323.43 ng/ml



#17 AR-1242-2

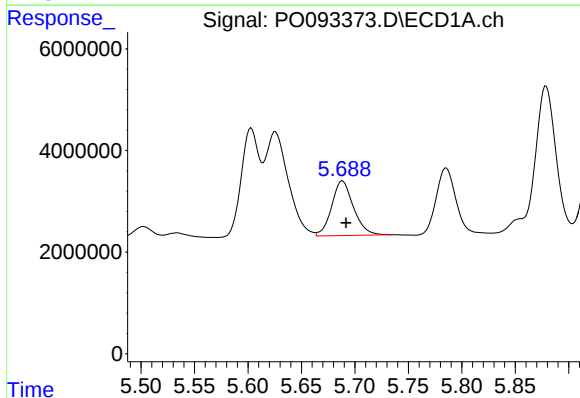
R.T.: 5.626 min
Delta R.T.: -0.003 min
Response: 30660110
Conc: 255.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



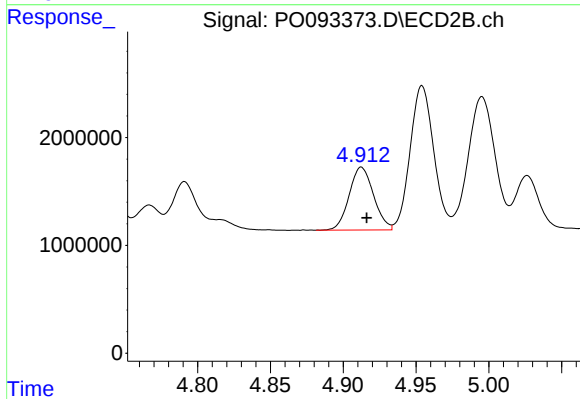
#17 AR-1242-2

R.T.: 4.735 min
Delta R.T.: -0.004 min
Response: 10056191
Conc: 226.50 ng/ml



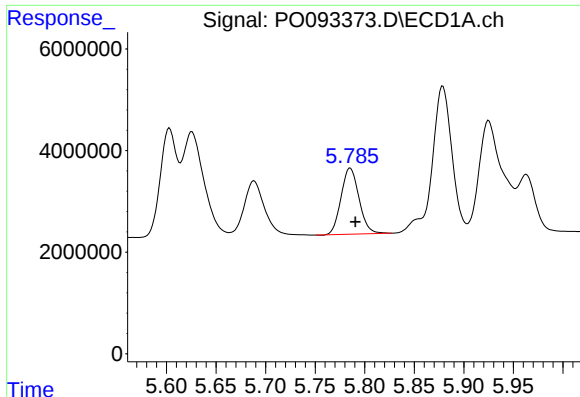
#18 AR-1242-3

R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 15236107
Conc: 198.52 ng/ml



#18 AR-1242-3

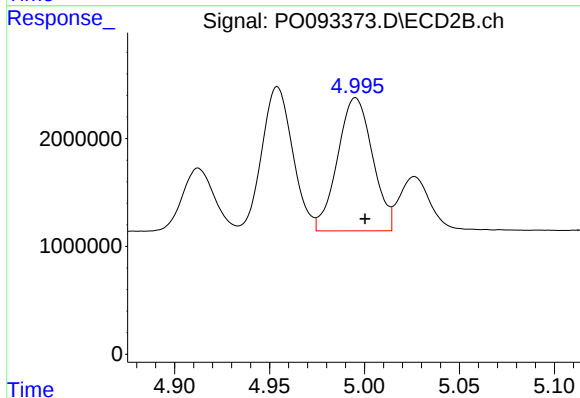
R.T.: 4.912 min
Delta R.T.: -0.004 min
Response: 6808413
Conc: 291.21 ng/ml



#19 AR-1242-4

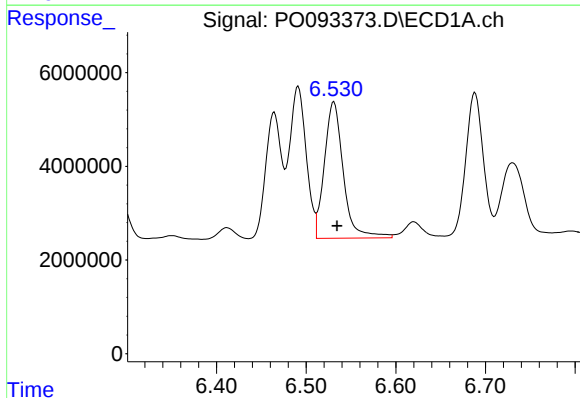
R.T.: 5.785 min
Delta R.T.: -0.005 min
Response: 16439836
Conc: 286.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



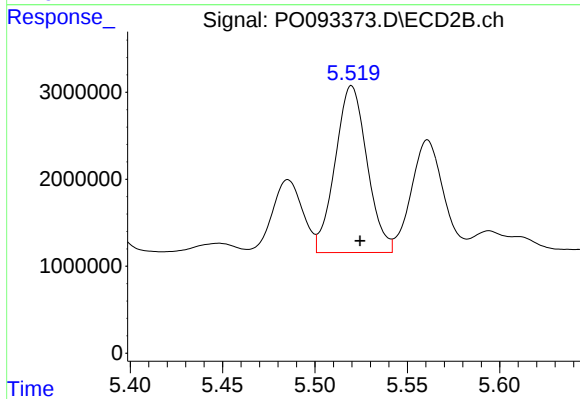
#19 AR-1242-4

R.T.: 4.995 min
Delta R.T.: -0.005 min
Response: 15808030
Conc: 606.83 ng/ml



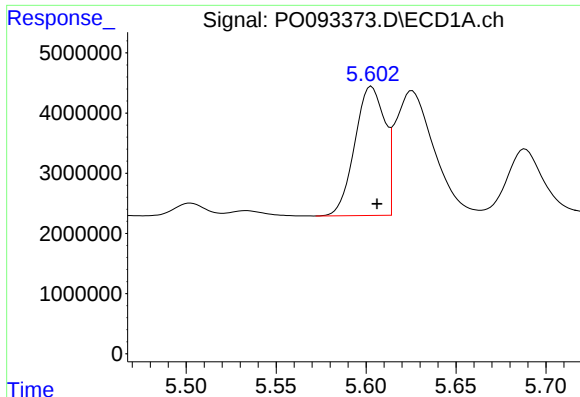
#20 AR-1242-5

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 42590738
Conc: 681.56 ng/ml



#20 AR-1242-5

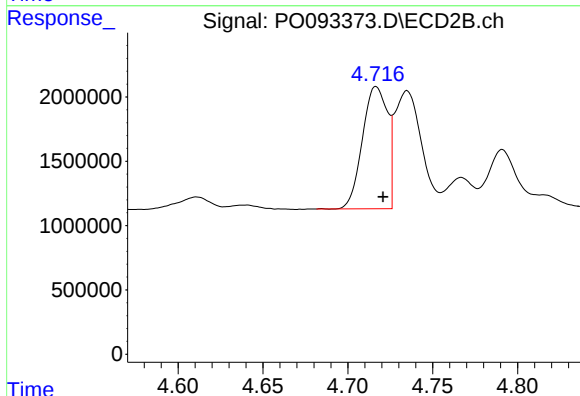
R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 23049930
Conc: 806.87 ng/ml



#21 AR-1248-1

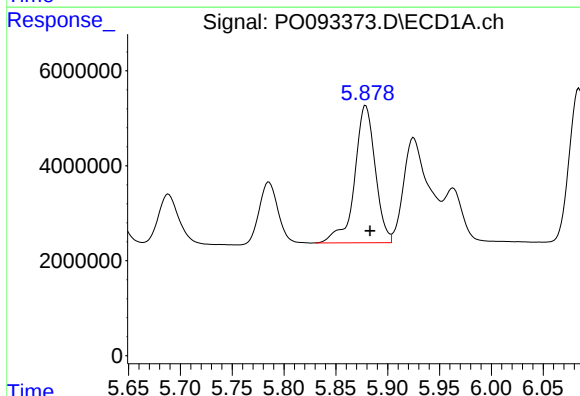
R.T.: 5.603 min
Delta R.T.: -0.003 min
Response: 24857968
Conc: 399.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



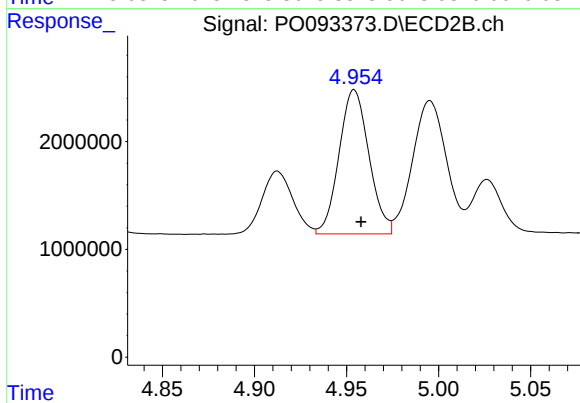
#21 AR-1248-1

R.T.: 4.717 min
Delta R.T.: -0.004 min
Response: 9827978
Conc: 422.31 ng/ml



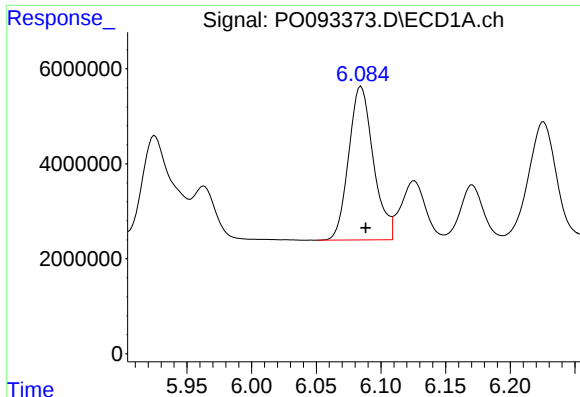
#22 AR-1248-2

R.T.: 5.879 min
Delta R.T.: -0.004 min
Response: 40072240
Conc: 419.56 ng/ml



#22 AR-1248-2

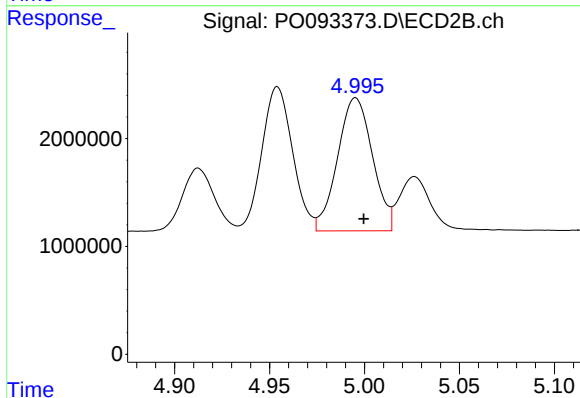
R.T.: 4.954 min
Delta R.T.: -0.004 min
Response: 15109850
Conc: 416.93 ng/ml



#23 AR-1248-3

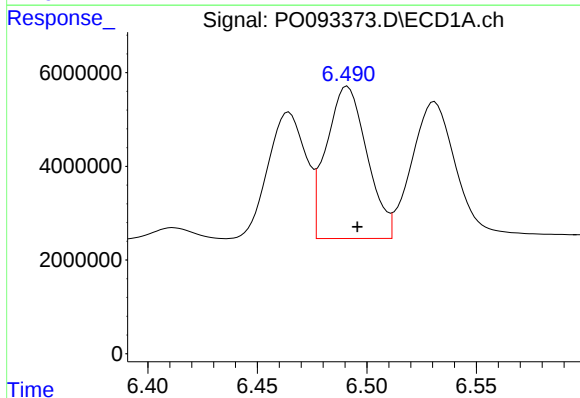
R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 43046795
Conc: 413.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



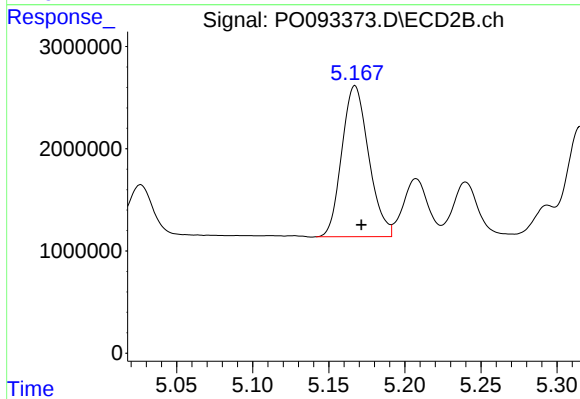
#23 AR-1248-3

R.T.: 4.995 min
Delta R.T.: -0.004 min
Response: 15808030
Conc: 421.25 ng/ml



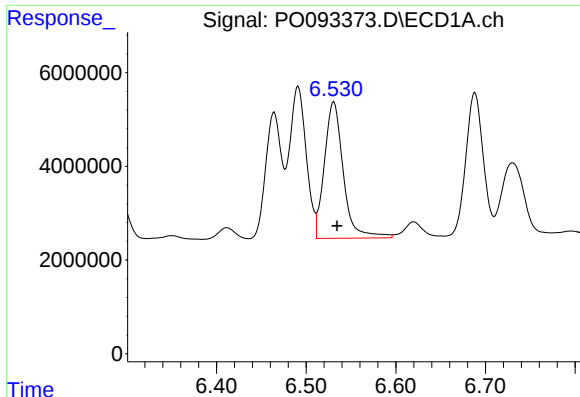
#24 AR-1248-4

R.T.: 6.491 min
Delta R.T.: -0.005 min
Response: 41904164
Conc: 411.51 ng/ml



#24 AR-1248-4

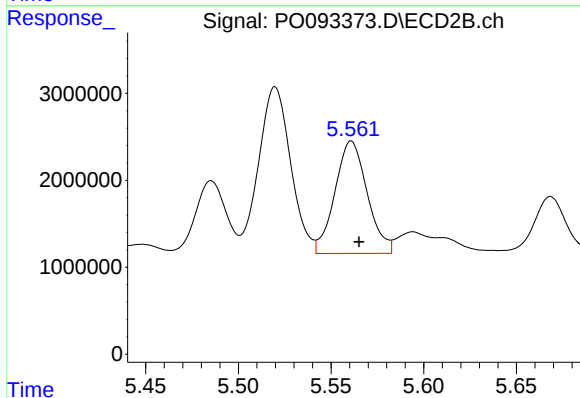
R.T.: 5.167 min
Delta R.T.: -0.004 min
Response: 18140697
Conc: 421.67 ng/ml



#25 AR-1248-5

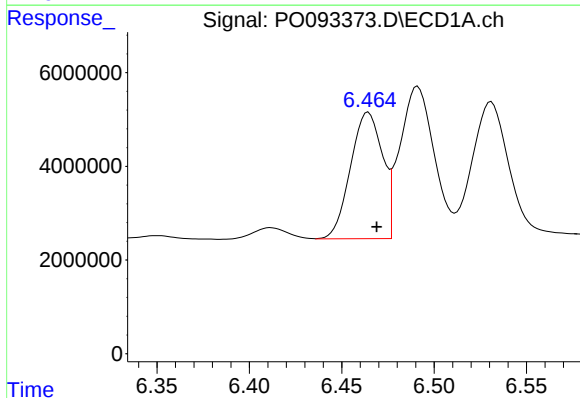
R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 42590738
Conc: 416.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



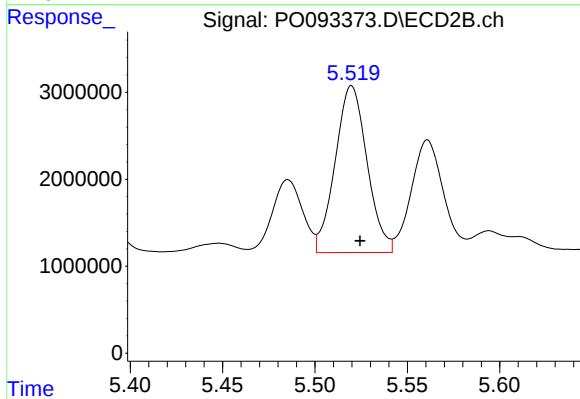
#25 AR-1248-5

R.T.: 5.561 min
Delta R.T.: -0.004 min
Response: 15710139
Conc: 427.17 ng/ml



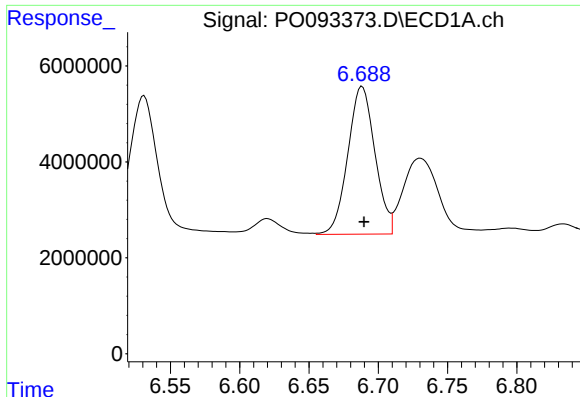
#26 AR-1254-1

R.T.: 6.464 min
Delta R.T.: -0.005 min
Response: 32520437
Conc: 278.28 ng/ml



#26 AR-1254-1

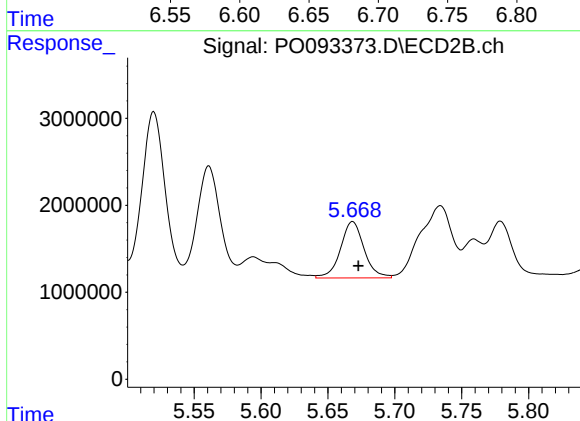
R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 23049930
Conc: 367.25 ng/ml



#27 AR-1254-2

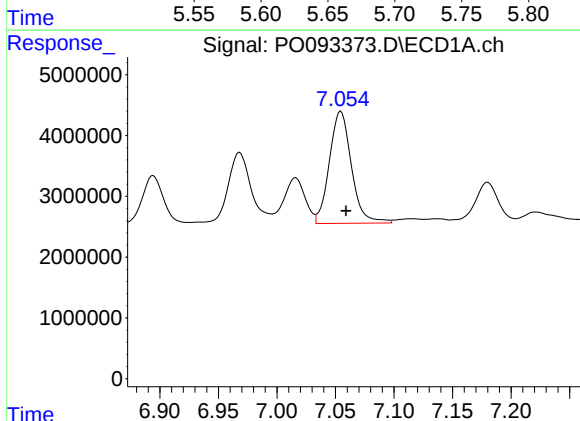
R.T.: 6.688 min
Delta R.T.: -0.001 min
Response: 41937327
Conc: 245.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



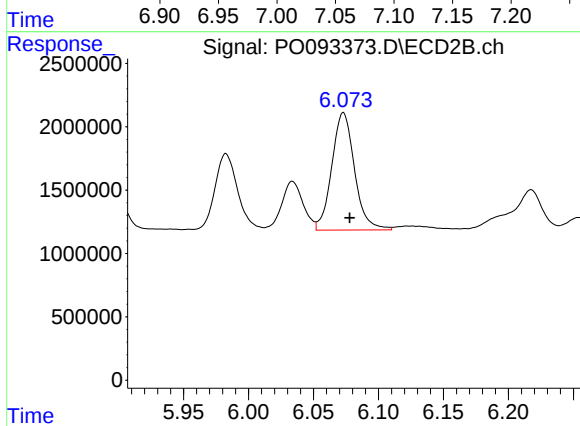
#27 AR-1254-2

R.T.: 5.668 min
Delta R.T.: -0.004 min
Response: 7977694
Conc: 141.57 ng/ml



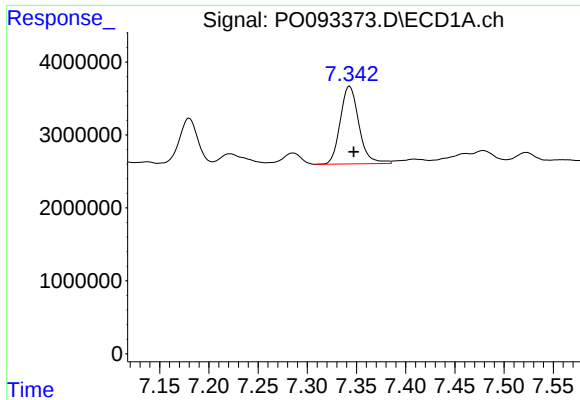
#28 AR-1254-3

R.T.: 7.055 min
Delta R.T.: -0.005 min
Response: 24225333
Conc: 145.73 ng/ml



#28 AR-1254-3

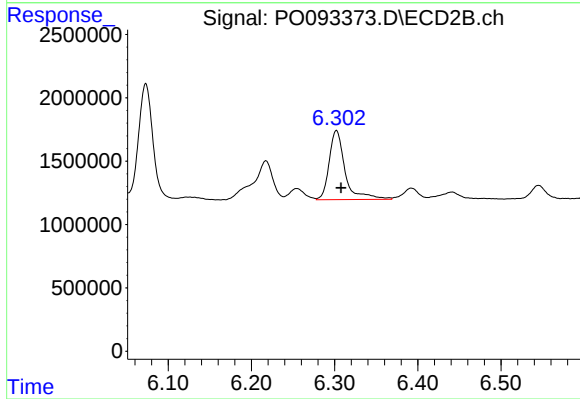
R.T.: 6.073 min
Delta R.T.: -0.005 min
Response: 11305954
Conc: 131.32 ng/ml



#29 AR-1254-4

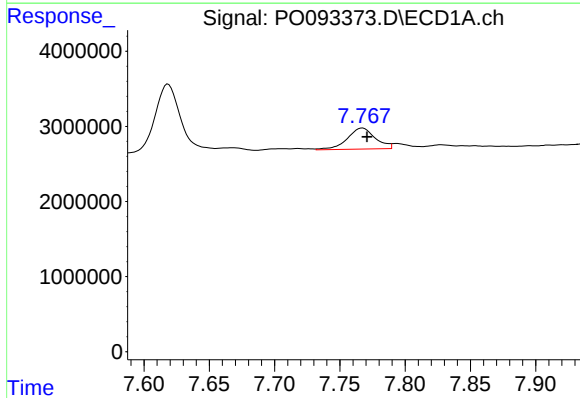
R.T.: 7.343 min
Delta R.T.: -0.004 min
Response: 14038536
Conc: 131.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



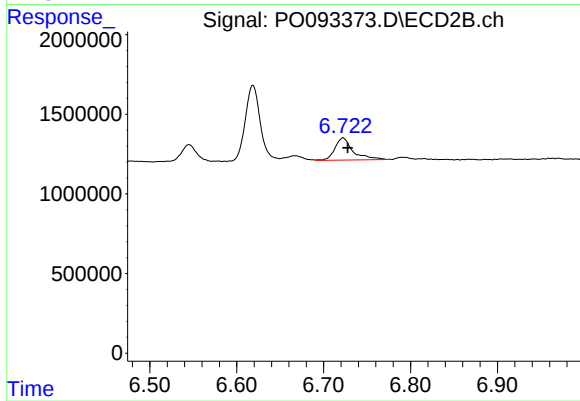
#29 AR-1254-4

R.T.: 6.302 min
Delta R.T.: -0.005 min
Response: 7293631
Conc: 159.49 ng/ml



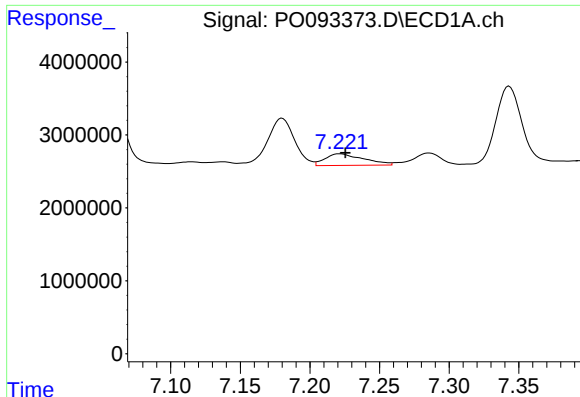
#30 AR-1254-5

R.T.: 7.767 min
Delta R.T.: -0.004 min
Response: 4193183
Conc: 30.97 ng/ml



#30 AR-1254-5

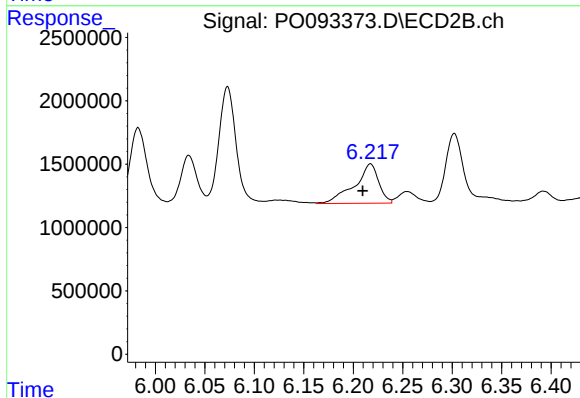
R.T.: 6.722 min
Delta R.T.: -0.006 min
Response: 2018426
Conc: 27.33 ng/ml



#31 AR-1260-1

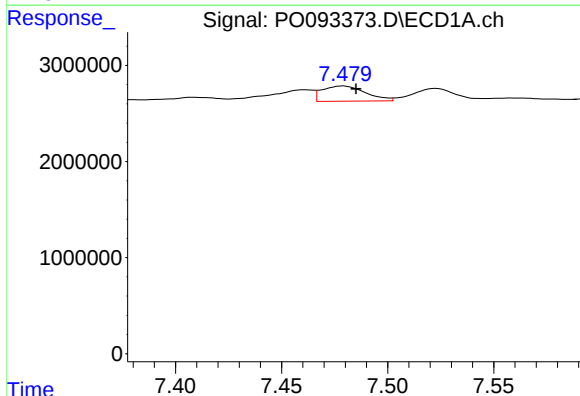
R.T.: 7.222 min
Delta R.T.: -0.004 min
Response: 3062264
Conc: 23.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



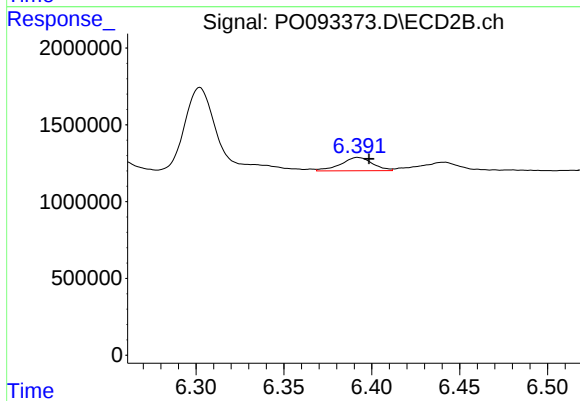
#31 AR-1260-1

R.T.: 6.217 min
Delta R.T.: 0.008 min
Response: 5296397
Conc: 87.11 ng/ml



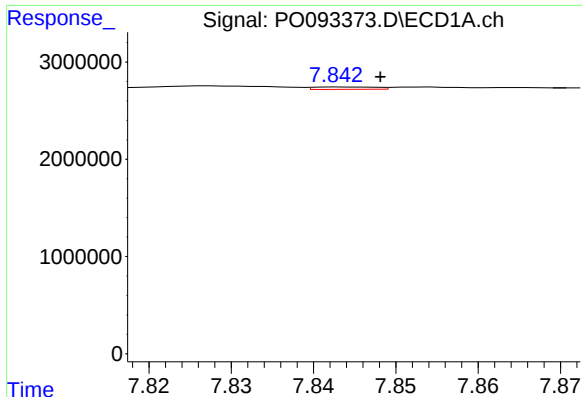
#32 AR-1260-2

R.T.: 7.479 min
Delta R.T.: -0.006 min
Response: 2267417
Conc: 15.36 ng/ml



#32 AR-1260-2

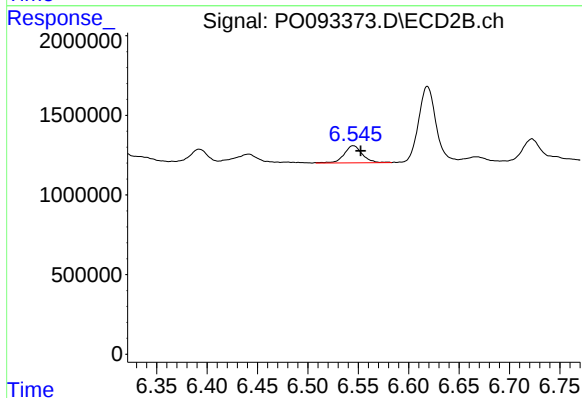
R.T.: 6.392 min
Delta R.T.: -0.006 min
Response: 1100115
Conc: 15.22 ng/ml



#33 AR-1260-3

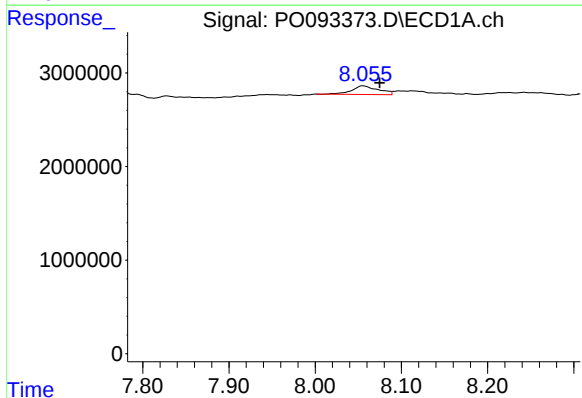
R.T.: 7.844 min
Delta R.T.: -0.004 min
Response: 126129
Conc: 1.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



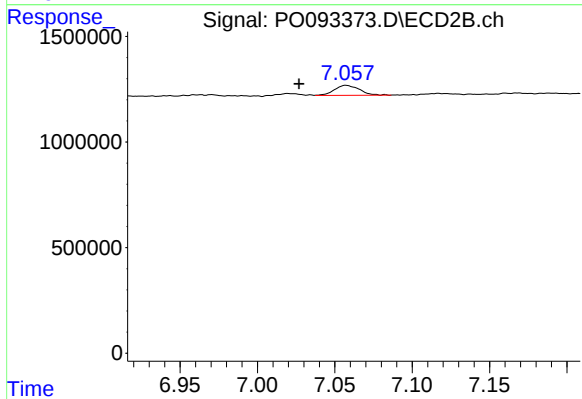
#33 AR-1260-3

R.T.: 6.545 min
Delta R.T.: -0.007 min
Response: 1342224
Conc: 20.07 ng/ml



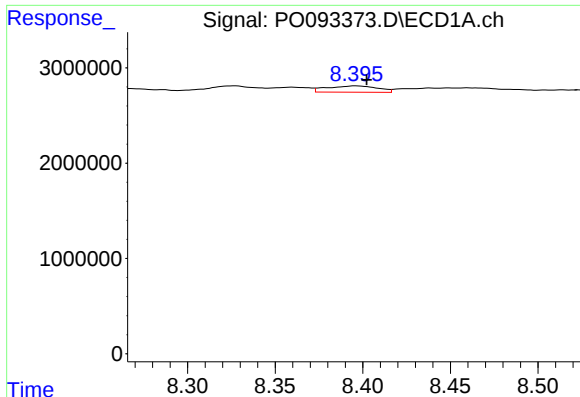
#34 AR-1260-4

R.T.: 8.056 min
Delta R.T.: -0.019 min
Response: 1992392
Conc: 15.54 ng/ml



#34 AR-1260-4

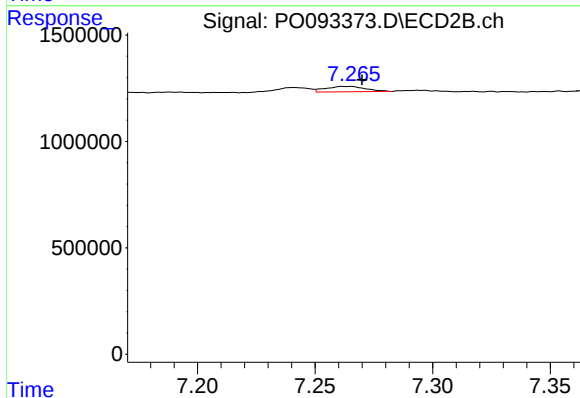
R.T.: 7.057 min
Delta R.T.: 0.030 min
Response: 536320
Conc: 9.75 ng/ml



#35 AR-1260-5

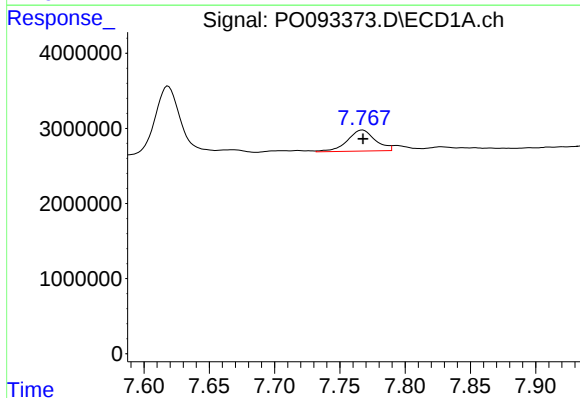
R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 1348256
Conc: 6.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



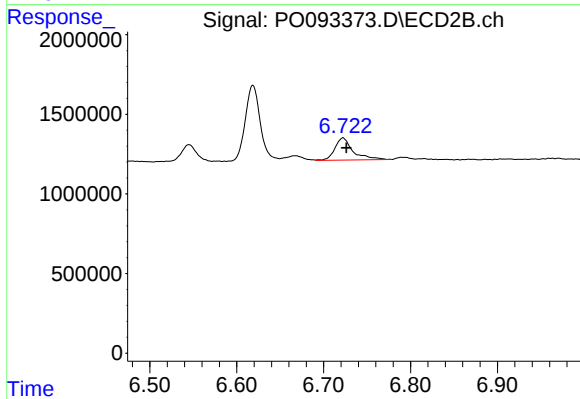
#35 AR-1260-5

R.T.: 7.264 min
Delta R.T.: -0.006 min
Response: 295864
Conc: 2.51 ng/ml



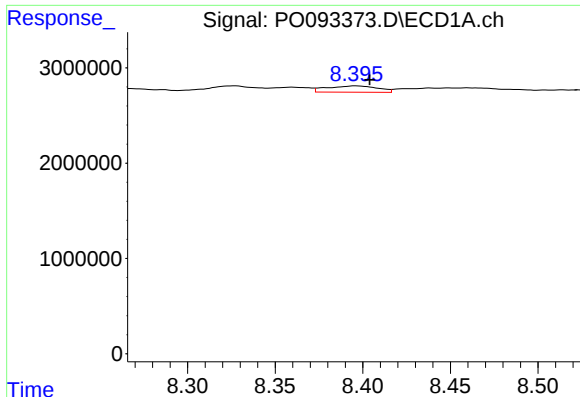
#36 AR-1262-1

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 4193183
Conc: 42.18 ng/ml



#36 AR-1262-1

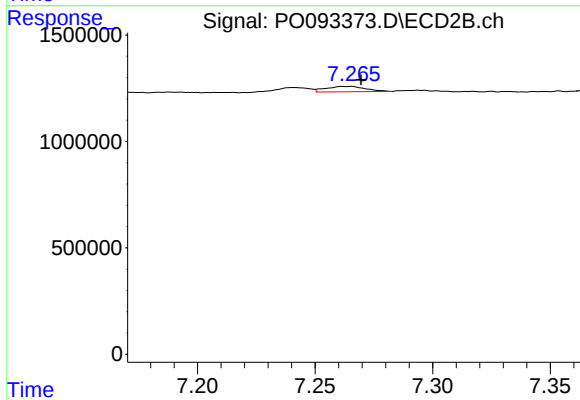
R.T.: 6.722 min
Delta R.T.: -0.004 min
Response: 2018426
Conc: 54.01 ng/ml



#37 AR-1262-2

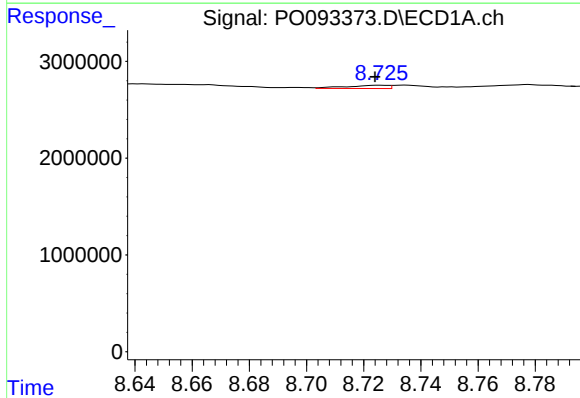
R.T.: 8.396 min
Delta R.T.: -0.008 min
Response: 1348256
Conc: 5.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



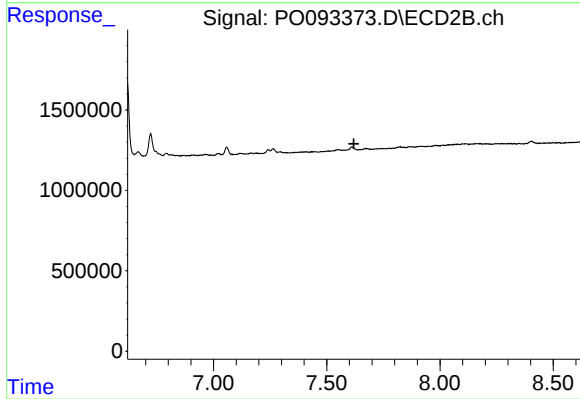
#37 AR-1262-2

R.T.: 7.264 min
Delta R.T.: -0.006 min
Response: 295864
Conc: 2.48 ng/ml



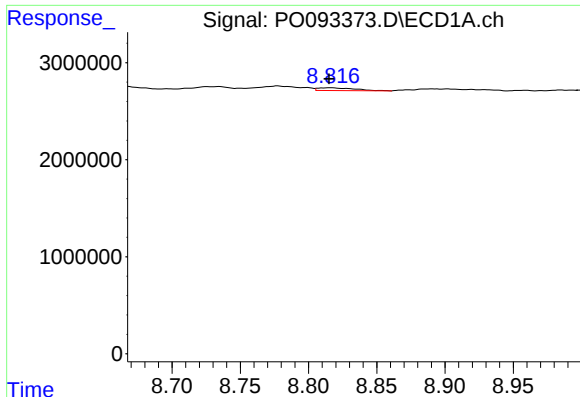
#38 AR-1262-3

R.T.: 8.726 min
Delta R.T.: 0.002 min
Response: 341331
Conc: 2.02 ng/ml



#38 AR-1262-3

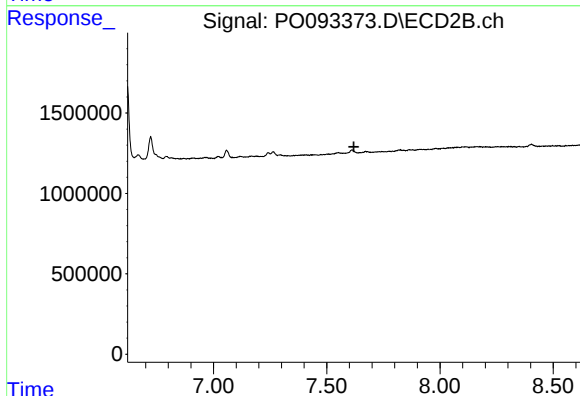
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#39 AR-1262-4

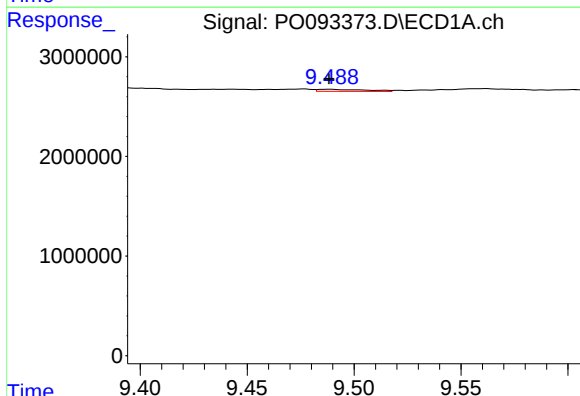
R.T.: 8.817 min
Delta R.T.: 0.002 min
Response: 532167
Conc: 5.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



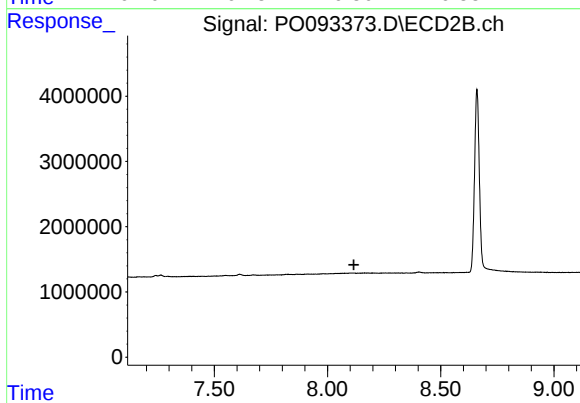
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



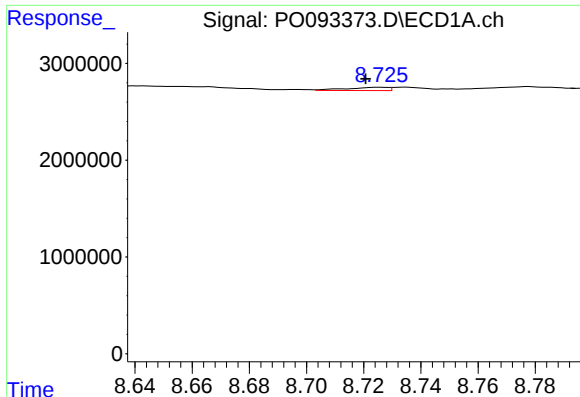
#40 AR-1262-5

R.T.: 9.488 min
Delta R.T.: 0.000 min
Response: 311939
Conc: 3.27 ng/ml



#40 AR-1262-5

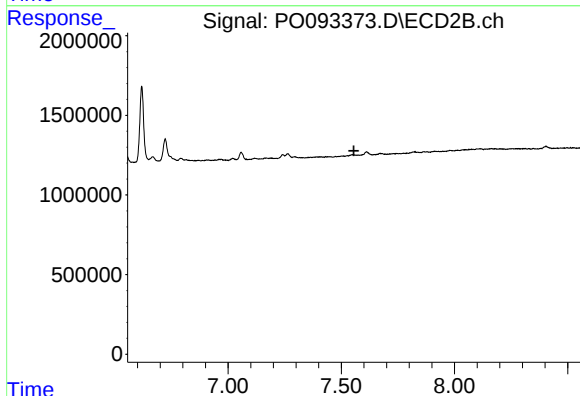
R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



#41 AR-1268-1

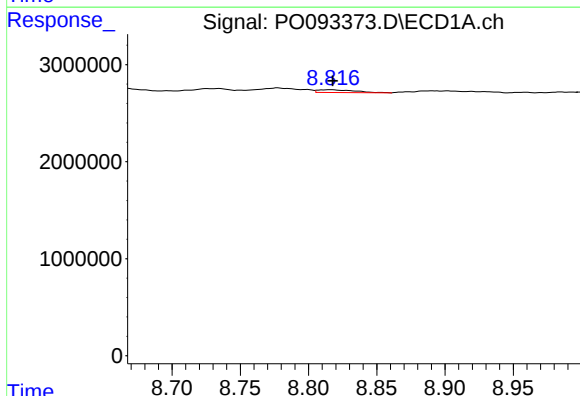
R.T.: 8.726 min
Delta R.T.: 0.005 min
Response: 341331
Conc: 1.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



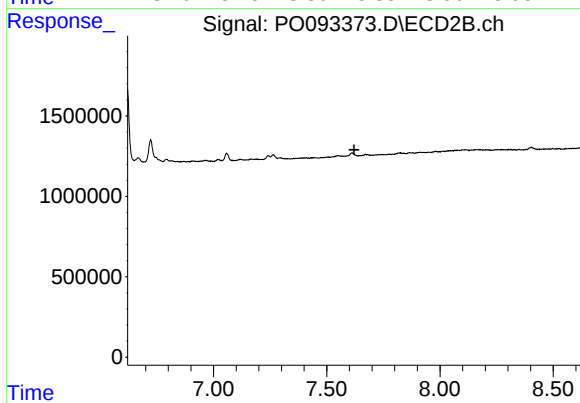
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.555 min
Response: 0
Conc: N.D.



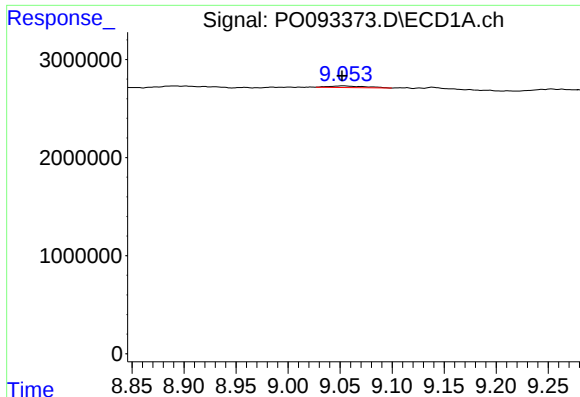
#42 AR-1268-2

R.T.: 8.817 min
Delta R.T.: -0.001 min
Response: 532167
Conc: 1.83 ng/ml



#42 AR-1268-2

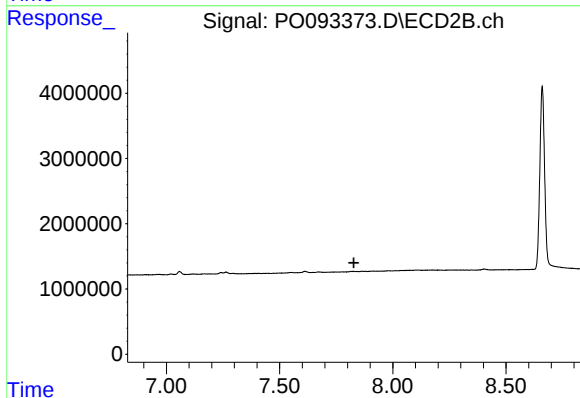
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#43 AR-1268-3

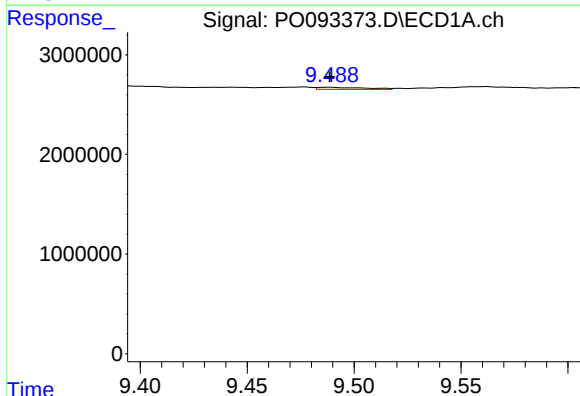
R.T.: 9.053 min
Delta R.T.: 0.001 min
Response: 423385
Conc: 1.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



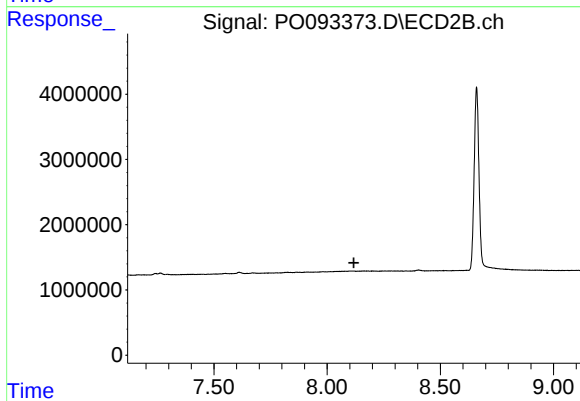
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.828 min
Response: 0
Conc: N.D.



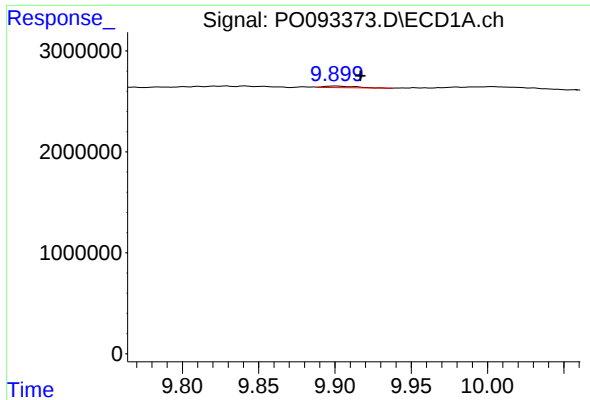
#44 AR-1268-4

R.T.: 9.488 min
Delta R.T.: 0.000 min
Response: 311939
Conc: 2.92 ng/ml



#44 AR-1268-4

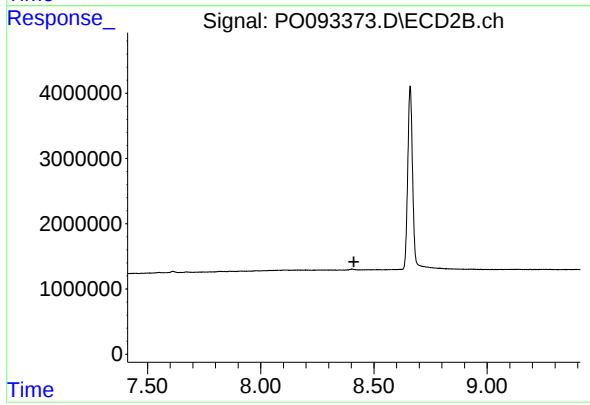
R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.900 min
Delta R.T.: -0.017 min
Response: 203751
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.411 min
Response: 0
Conc: N.D.