

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121622\
 Data File : PO091449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2022 16:08
 Operator : YP/AJ
 Sample : N6089-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 20:51:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 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...	4.296	3.473	68582731	23746594	20.284	22.625
2)	SA Decachlor...	10.046	8.476	44728959	17983964	16.839	18.524
Target Compounds							
3)	L1 AR-1016-1	5.473	4.558	44765985	18011891	397.804	488.763
4)	L1 AR-1016-2	5.495	4.577	62837420	25314064	386.505	491.256 #
5)	L1 AR-1016-3	5.558	4.752	39263331	13709462	376.592	503.738 #
6)	L1 AR-1016-4	5.657	4.796	30855549	11590186	380.780	501.403 #
7)	L1 AR-1016-5	5.954	5.008	32696746	14130645	372.848	479.059 #
8)	L2 AR-1221-1	4.502	3.686	6239959	1934163	152.743	146.745
9)	L2 AR-1221-2	4.593	3.772	6788104	2777742	223.797	279.373
10)	L2 AR-1221-3	4.670	3.848	26925322	10982857	292.665	353.629
11)	L3 AR-1232-1	4.670	3.848	26925322	10982857	374.217	459.668
12)	L3 AR-1232-2	5.202	4.577	35268098	25314064	814.068	1048.155 #
13)	L3 AR-1232-3	5.495	4.752	62837420	13709462	840.962	1082.931 #
14)	L3 AR-1232-4	5.657	4.837	30855549	13994577	823.334	1157.761 #
15)	L3 AR-1232-5	5.749	5.008	27061744	14130645	904.965	1044.766
16)	L4 AR-1242-1	5.473	4.558	44765985	18011891	501.539	620.316
17)	L4 AR-1242-2	5.495	4.577	62837420	25314064	494.905	627.982 #
18)	L4 AR-1242-3	5.558	4.752	39263331	13709462	471.007	655.557 #
19)	L4 AR-1242-4	5.657	4.837	30855549	13994577	485.717	612.878 #
20)	L4 AR-1242-5	6.399	5.362	4755437	11475783	69.594	406.724 #
21)	L5 AR-1248-1	5.473	4.558	44765985	18011891	628.443	765.623
22)	L5 AR-1248-2	5.749	4.796	27061744	11590186	255.277	354.008 #
23)	L5 AR-1248-3	5.954	4.837	32696746	13994577	277.841	412.335 #
24)	L5 AR-1248-4	6.359	5.008	5259044	14130645	43.005	354.131 #
25)	L5 AR-1248-5	6.399	5.403	4755437	1787678	41.461	49.872
26)	L6 AR-1254-1	6.334	5.362	24565204	11475783	195.596	195.810
27)	L6 AR-1254-2	6.554	5.511	25376166	10881709	134.581	203.891 #
28)	L6 AR-1254-3	6.922	5.931	13014509	18363116	69.434	225.393 #
29)	L6 AR-1254-4	7.210	6.145	8872802	2142654	64.231	43.793 #
30)	L6 AR-1254-5	7.631	6.564	90084054	36421284	587.140	488.584
31)	L7 AR-1260-1	7.089	6.047	53850856	26277336	351.033	453.823 #
32)	L7 AR-1260-2	7.348	6.237	62777438	30327814	359.667	444.129
33)	L7 AR-1260-3	7.710	6.389	41582953	27785276	365.809	423.601
34)	L7 AR-1260-4	7.936	6.864	49995577	20019216	368.947	419.163
35)	L7 AR-1260-5	8.252	7.108	93270444	43479467	367.204	399.950
36)	L8 AR-1262-1	7.710	6.604	41582953	21077656	227.589	280.427
37)	L8 AR-1262-2	8.252	7.108	93270444	43479467	301.518	341.552
38)	L8 AR-1262-3	8.573	7.393	59529556	8804755	276.106	167.081 #
39)	L8 AR-1262-4	8.649	7.456	12901668	32021732	129.612	337.154 #
40)	L8 AR-1262-5	9.301	7.953	21965348	10250608	190.291	224.755
41)	L9 AR-1268-1	8.573	7.393	59529556	8804755	161.661	59.027 #

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Acq On : 16 Dec 2022 16:08
Operator : YP/AJ
Sample : N6089-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

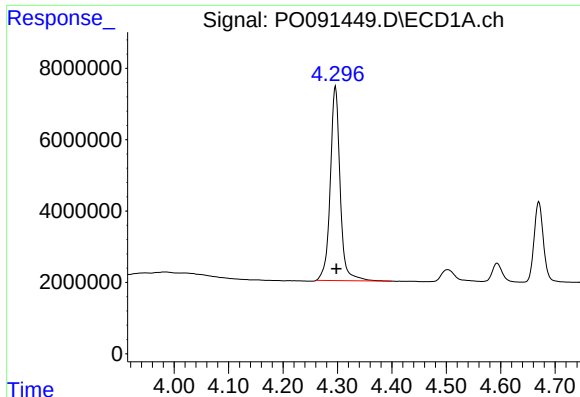
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 20:51:35 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.649	7.456	12901668	32021732	38.799	238.307 #
43)	L9 AR-1268-3	8.878	7.663	2028239	808385	7.119	7.004
44)	L9 AR-1268-4	9.301	7.953	21965348	10250608	177.939	207.780
45)	L9 AR-1268-5	9.711	8.232	8098922	3180009	8.900	9.392

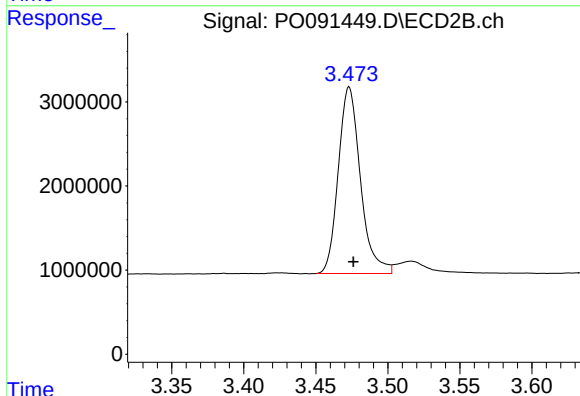
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

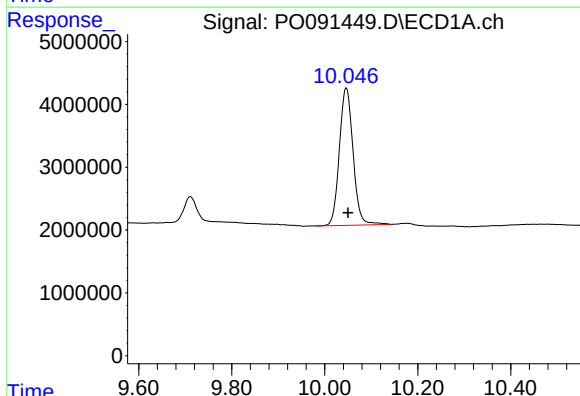
R.T.: 4.296 min
Delta R.T.: -0.002 min
Response: 68582731
Conc: 20.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



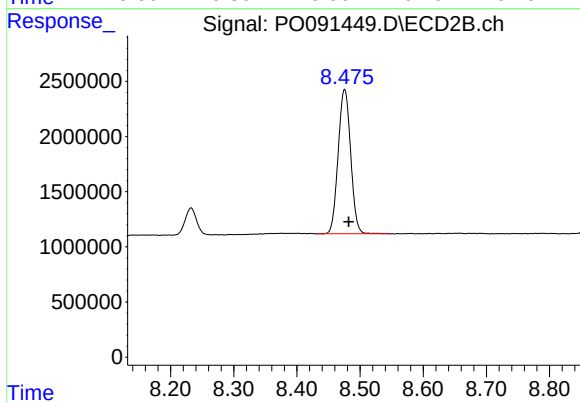
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.003 min
Response: 23746594
Conc: 22.63 ng/ml



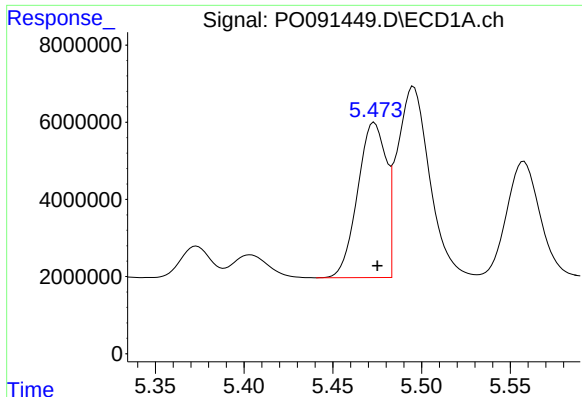
#2 Decachlorobiphenyl

R.T.: 10.046 min
Delta R.T.: -0.004 min
Response: 44728959
Conc: 16.84 ng/ml



#2 Decachlorobiphenyl

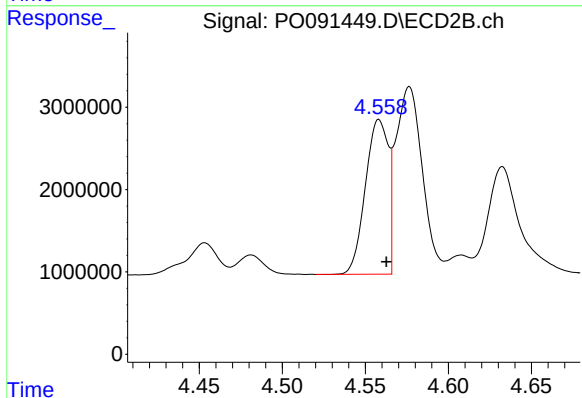
R.T.: 8.476 min
Delta R.T.: -0.006 min
Response: 17983964
Conc: 18.52 ng/ml



#3 AR-1016-1

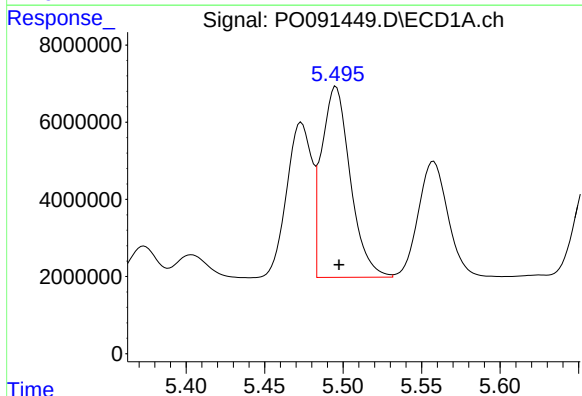
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 44765985
Conc: 397.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



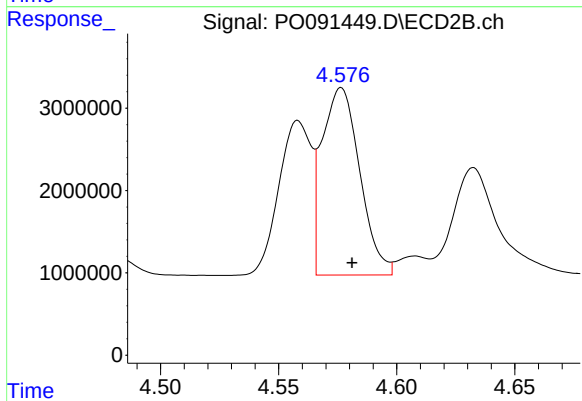
#3 AR-1016-1

R.T.: 4.558 min
Delta R.T.: -0.005 min
Response: 18011891
Conc: 488.76 ng/ml



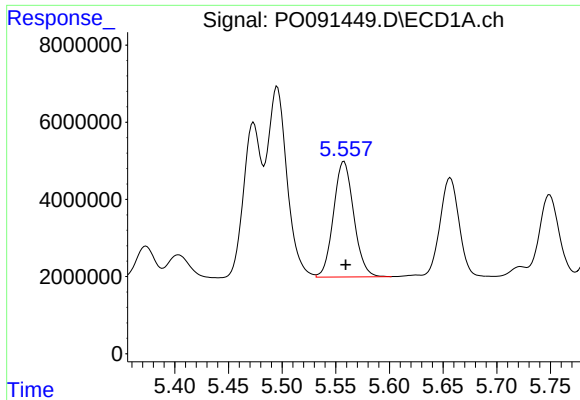
#4 AR-1016-2

R.T.: 5.495 min
Delta R.T.: -0.002 min
Response: 62837420
Conc: 386.51 ng/ml



#4 AR-1016-2

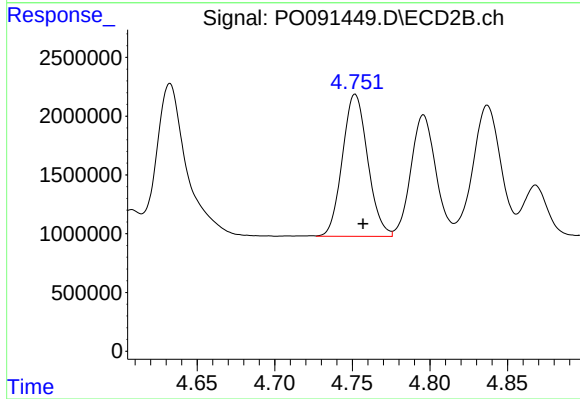
R.T.: 4.577 min
Delta R.T.: -0.005 min
Response: 25314064
Conc: 491.26 ng/ml



#5 AR-1016-3

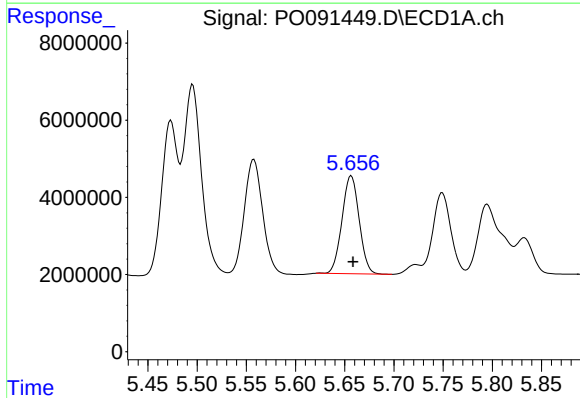
R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 39263331
Conc: 376.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



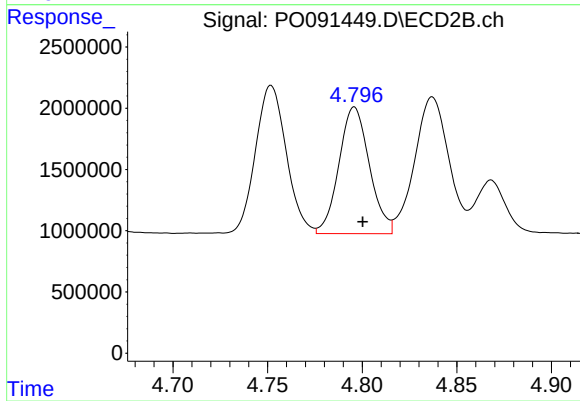
#5 AR-1016-3

R.T.: 4.752 min
Delta R.T.: -0.005 min
Response: 13709462
Conc: 503.74 ng/ml



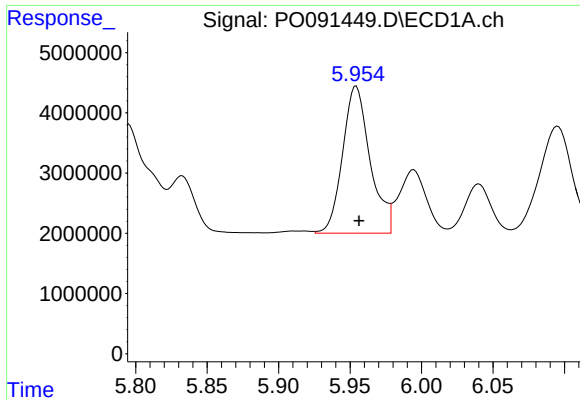
#6 AR-1016-4

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 30855549
Conc: 380.78 ng/ml



#6 AR-1016-4

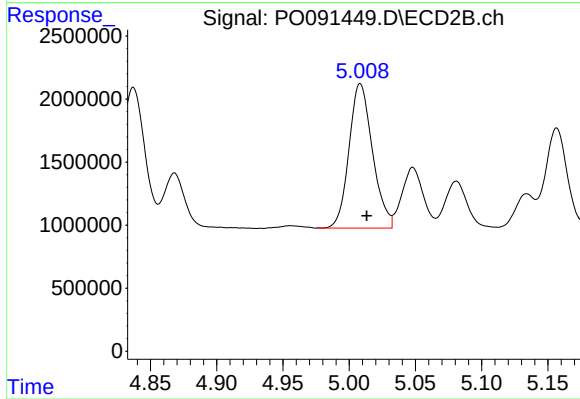
R.T.: 4.796 min
Delta R.T.: -0.004 min
Response: 11590186
Conc: 501.40 ng/ml



#7 AR-1016-5

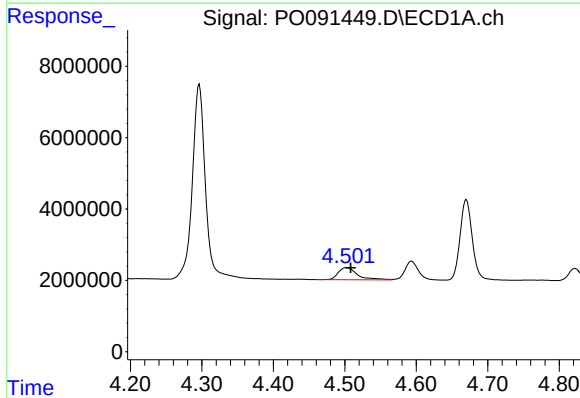
R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 32696746
Conc: 372.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



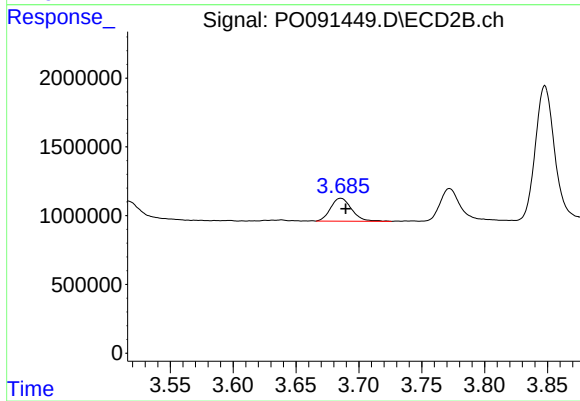
#7 AR-1016-5

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 14130645
Conc: 479.06 ng/ml



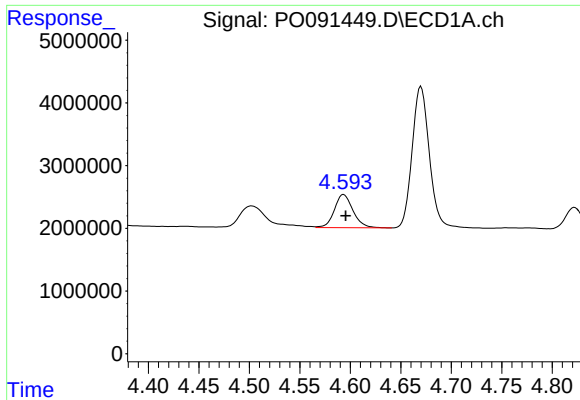
#8 AR-1221-1

R.T.: 4.502 min
Delta R.T.: -0.006 min
Response: 6239959
Conc: 152.74 ng/ml



#8 AR-1221-1

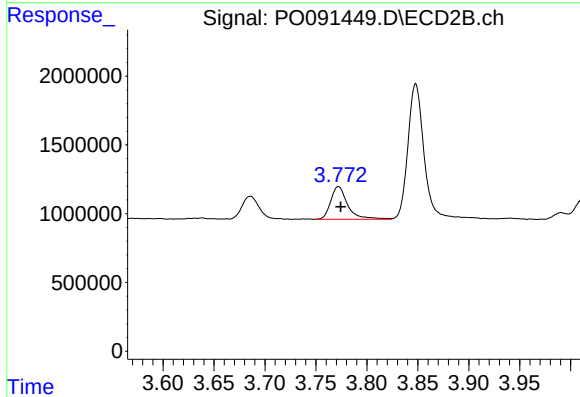
R.T.: 3.686 min
Delta R.T.: -0.004 min
Response: 1934163
Conc: 146.75 ng/ml



#9 AR-1221-2

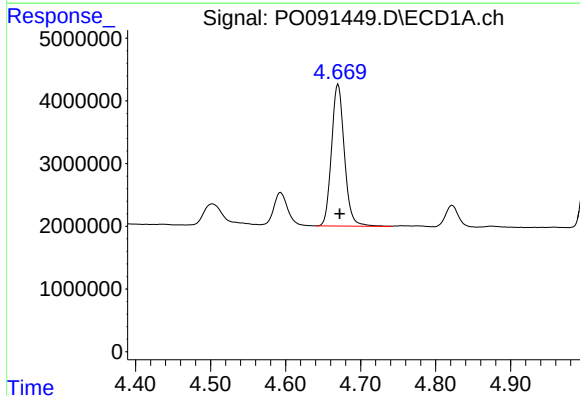
R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 6788104
Conc: 223.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



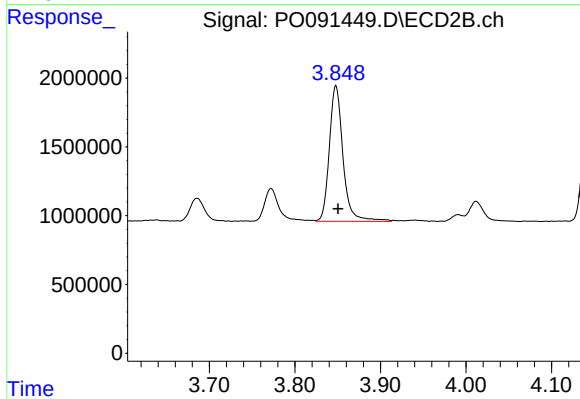
#9 AR-1221-2

R.T.: 3.772 min
Delta R.T.: -0.002 min
Response: 2777742
Conc: 279.37 ng/ml



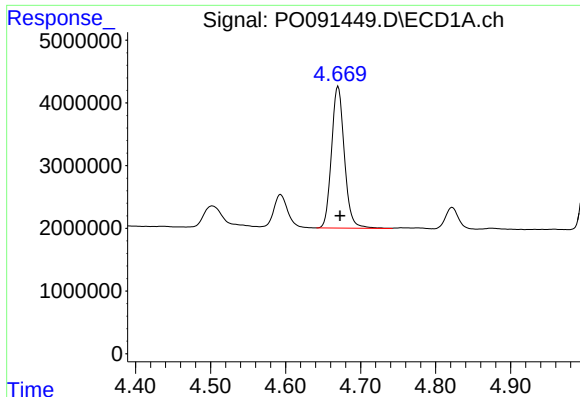
#10 AR-1221-3

R.T.: 4.670 min
Delta R.T.: -0.002 min
Response: 26925322
Conc: 292.66 ng/ml



#10 AR-1221-3

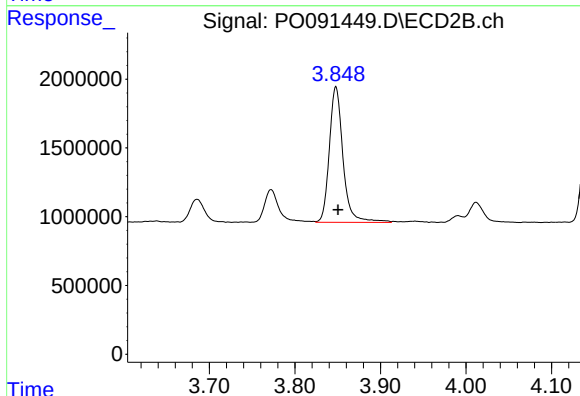
R.T.: 3.848 min
Delta R.T.: -0.003 min
Response: 10982857
Conc: 353.63 ng/ml



#11 AR-1232-1

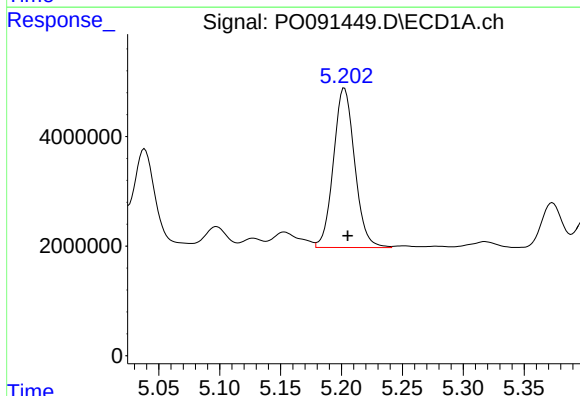
R.T.: 4.670 min
Delta R.T.: -0.002 min
Response: 26925322
Conc: 374.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



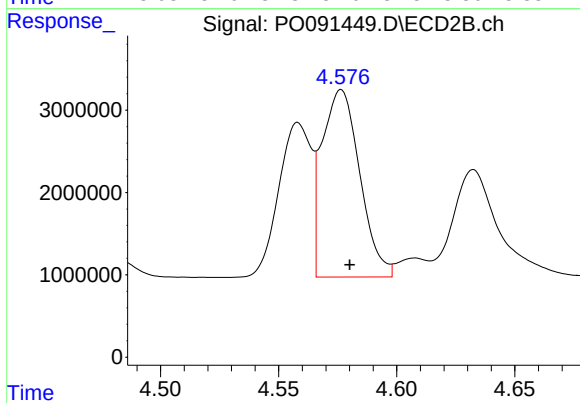
#11 AR-1232-1

R.T.: 3.848 min
Delta R.T.: -0.002 min
Response: 10982857
Conc: 459.67 ng/ml



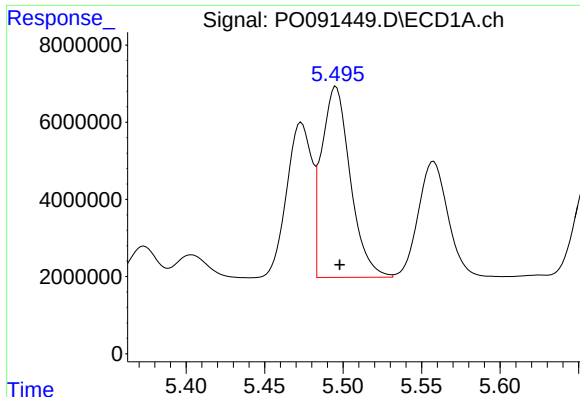
#12 AR-1232-2

R.T.: 5.202 min
Delta R.T.: -0.003 min
Response: 35268098
Conc: 814.07 ng/ml



#12 AR-1232-2

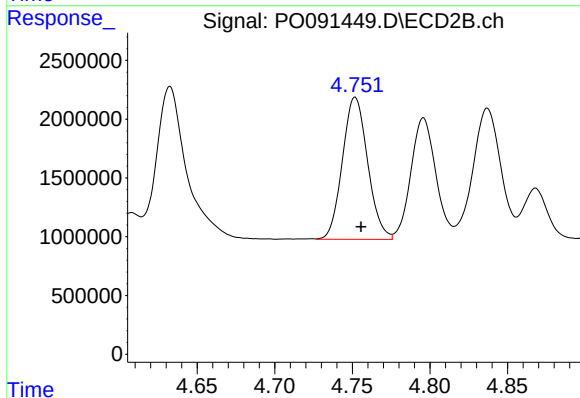
R.T.: 4.577 min
Delta R.T.: -0.004 min
Response: 25314064
Conc: 1048.15 ng/ml



#13 AR-1232-3

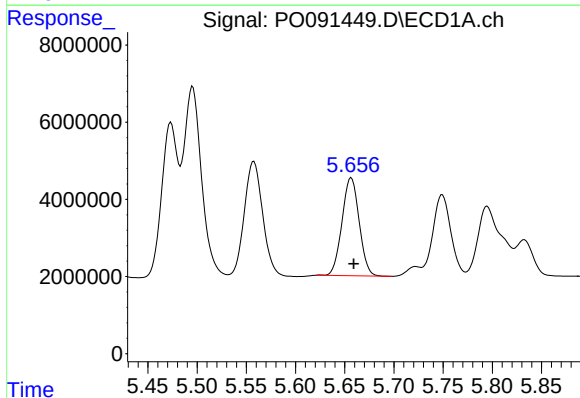
R.T.: 5.495 min
Delta R.T.: -0.002 min
Response: 62837420
Conc: 840.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



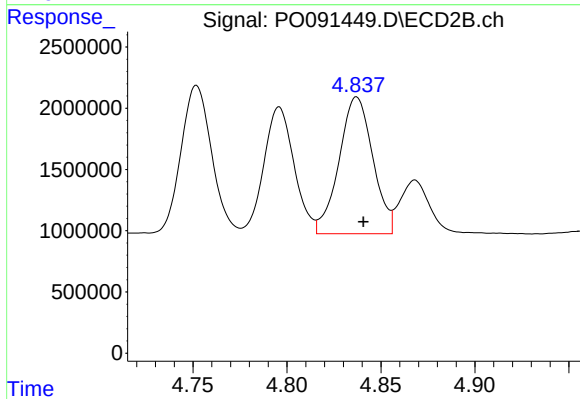
#13 AR-1232-3

R.T.: 4.752 min
Delta R.T.: -0.004 min
Response: 13709462
Conc: 1082.93 ng/ml



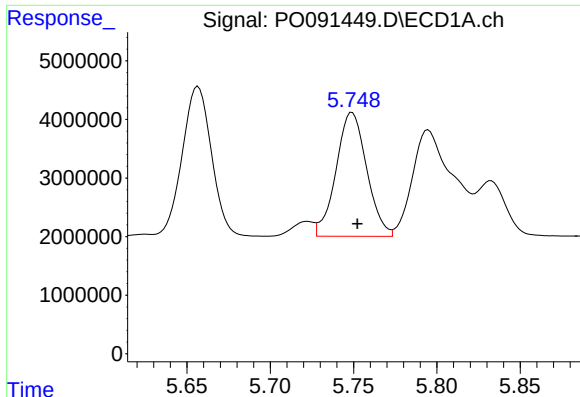
#14 AR-1232-4

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 30855549
Conc: 823.33 ng/ml



#14 AR-1232-4

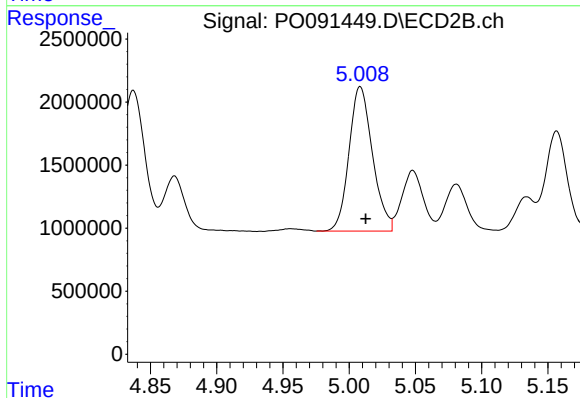
R.T.: 4.837 min
Delta R.T.: -0.004 min
Response: 13994577
Conc: 1157.76 ng/ml



#15 AR-1232-5

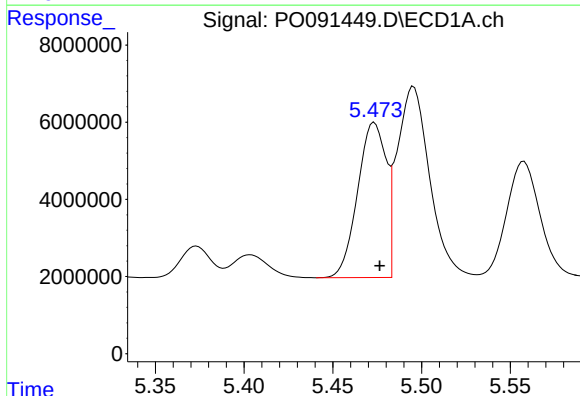
R.T.: 5.749 min
Delta R.T.: -0.003 min
Response: 27061744
Conc: 904.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



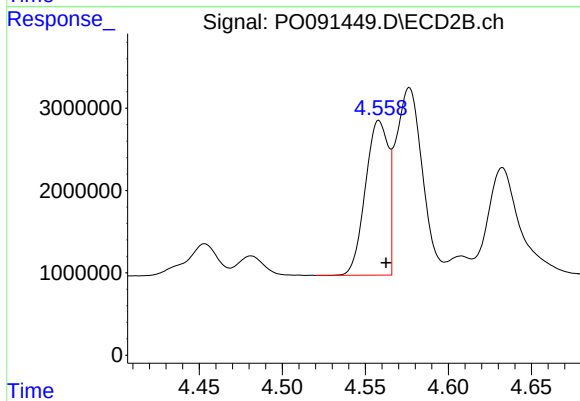
#15 AR-1232-5

R.T.: 5.008 min
Delta R.T.: -0.004 min
Response: 14130645
Conc: 1044.77 ng/ml



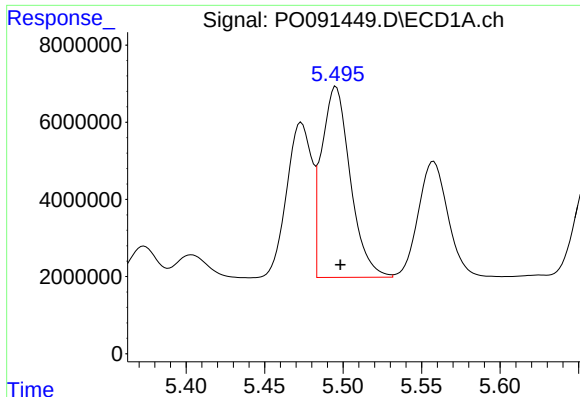
#16 AR-1242-1

R.T.: 5.473 min
Delta R.T.: -0.003 min
Response: 44765985
Conc: 501.54 ng/ml



#16 AR-1242-1

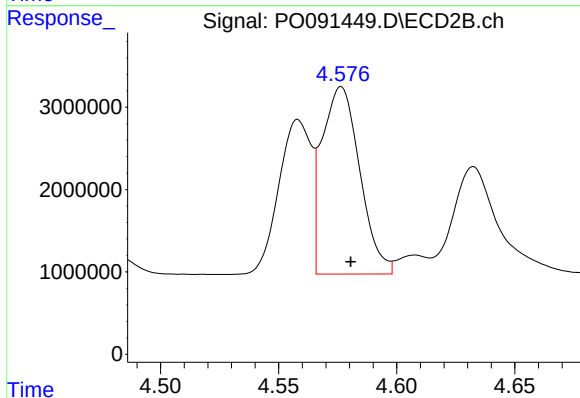
R.T.: 4.558 min
Delta R.T.: -0.004 min
Response: 18011891
Conc: 620.32 ng/ml



#17 AR-1242-2

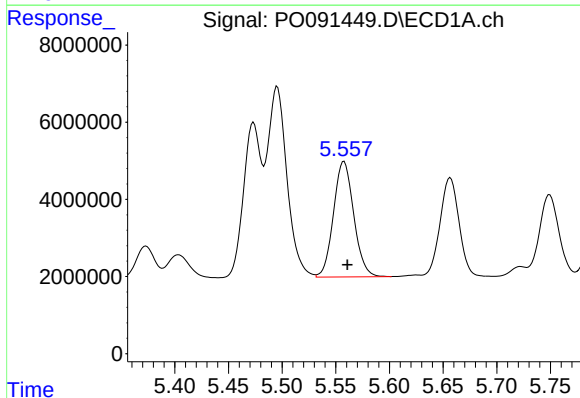
R.T.: 5.495 min
Delta R.T.: -0.003 min
Response: 62837420
Conc: 494.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



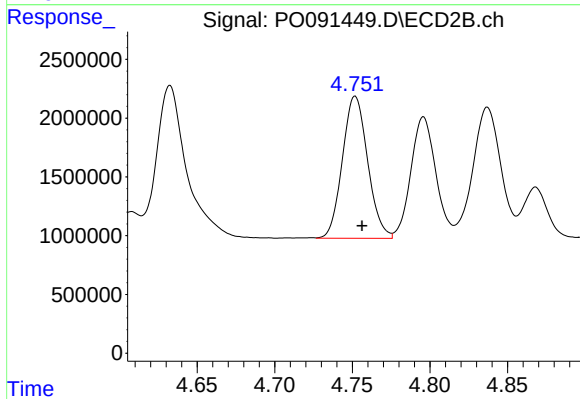
#17 AR-1242-2

R.T.: 4.577 min
Delta R.T.: -0.004 min
Response: 25314064
Conc: 627.98 ng/ml



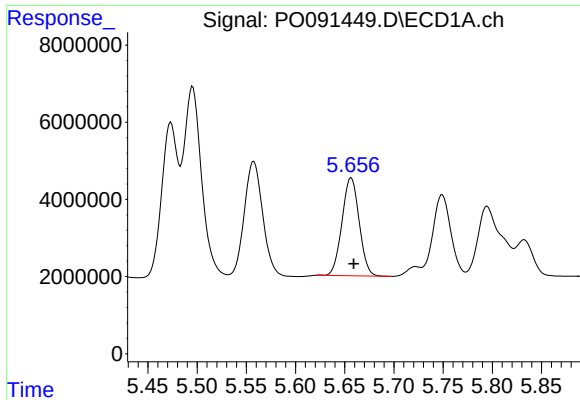
#18 AR-1242-3

R.T.: 5.558 min
Delta R.T.: -0.003 min
Response: 39263331
Conc: 471.01 ng/ml



#18 AR-1242-3

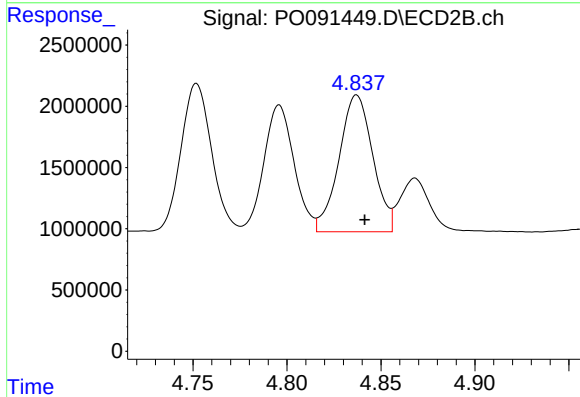
R.T.: 4.752 min
Delta R.T.: -0.005 min
Response: 13709462
Conc: 655.56 ng/ml



#19 AR-1242-4

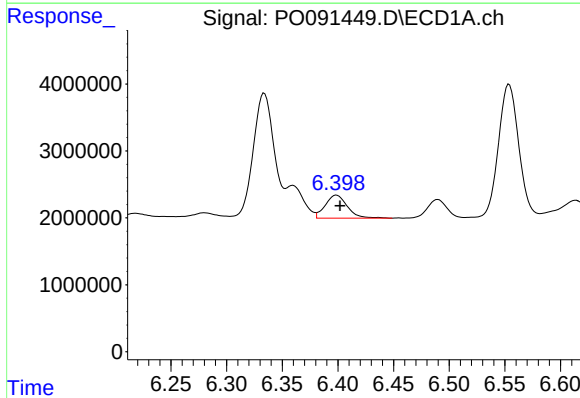
R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 30855549
Conc: 485.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



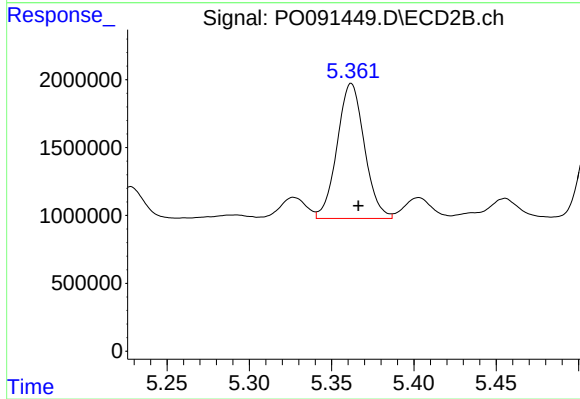
#19 AR-1242-4

R.T.: 4.837 min
Delta R.T.: -0.004 min
Response: 13994577
Conc: 612.88 ng/ml



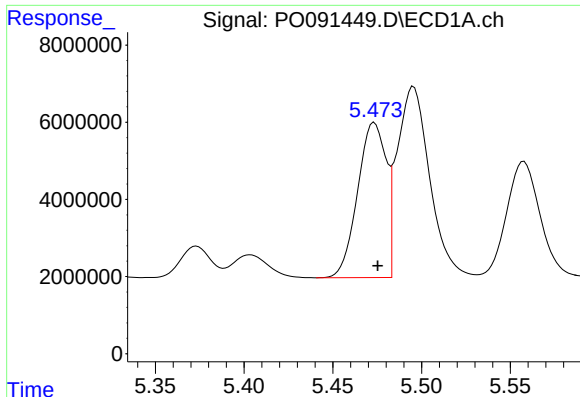
#20 AR-1242-5

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 4755437
Conc: 69.59 ng/ml



#20 AR-1242-5

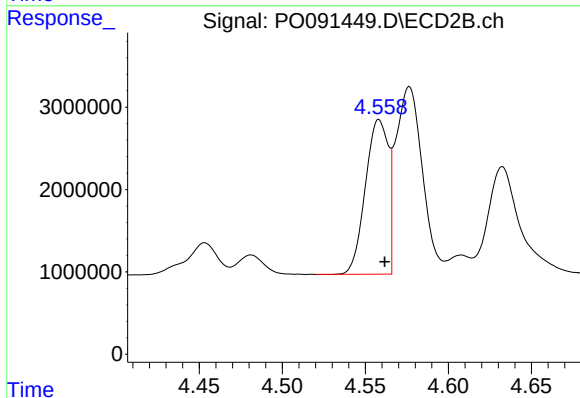
R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 11475783
Conc: 406.72 ng/ml



#21 AR-1248-1

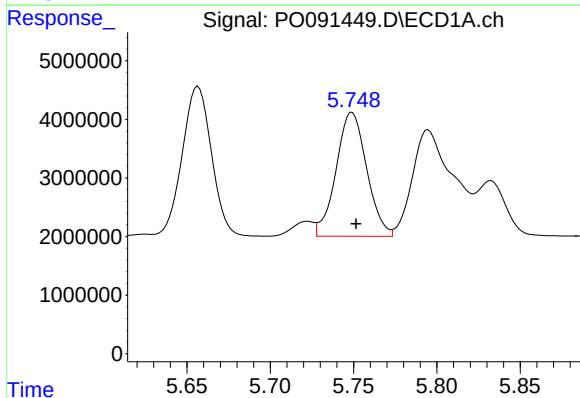
R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 44765985
Conc: 628.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



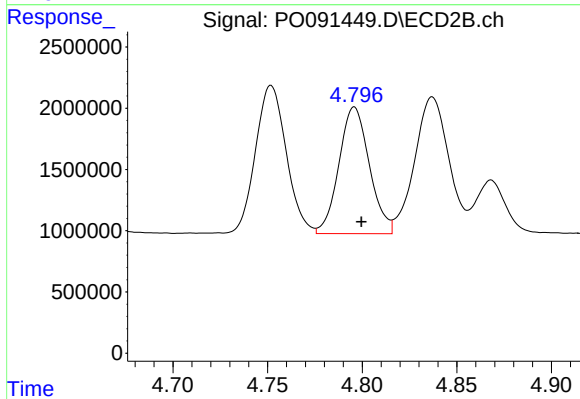
#21 AR-1248-1

R.T.: 4.558 min
Delta R.T.: -0.003 min
Response: 18011891
Conc: 765.62 ng/ml



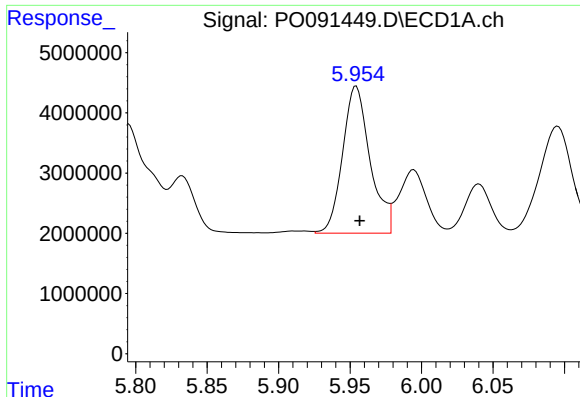
#22 AR-1248-2

R.T.: 5.749 min
Delta R.T.: -0.002 min
Response: 27061744
Conc: 255.28 ng/ml



#22 AR-1248-2

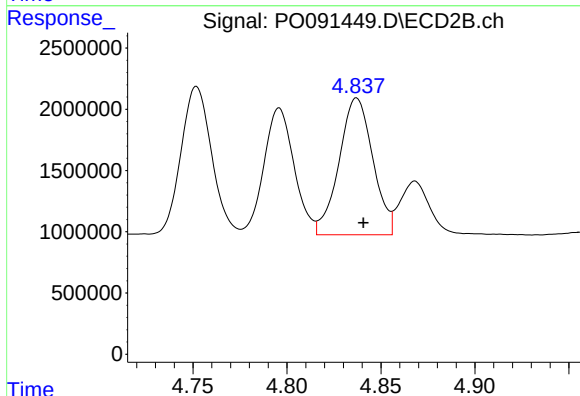
R.T.: 4.796 min
Delta R.T.: -0.004 min
Response: 11590186
Conc: 354.01 ng/ml



#23 AR-1248-3

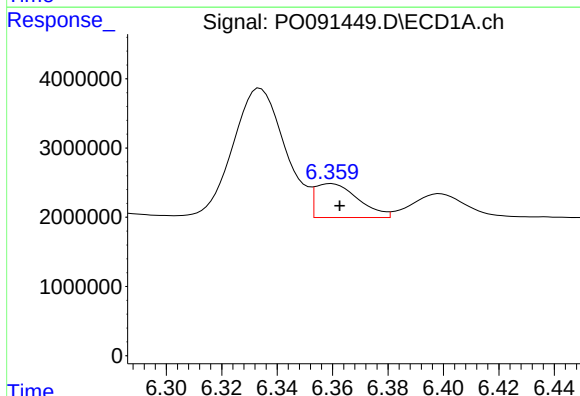
R.T.: 5.954 min
Delta R.T.: -0.002 min
Response: 32696746
Conc: 277.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



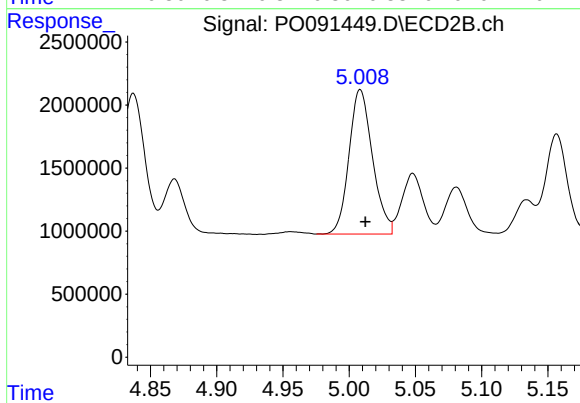
#23 AR-1248-3

R.T.: 4.837 min
Delta R.T.: -0.004 min
Response: 13994577
Conc: 412.34 ng/ml



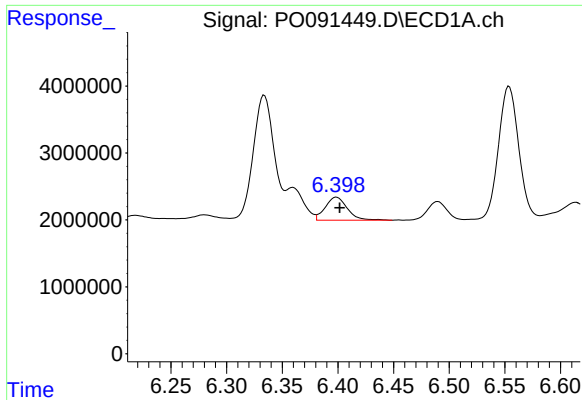
#24 AR-1248-4

R.T.: 6.359 min
Delta R.T.: -0.003 min
Response: 5259044
Conc: 43.01 ng/ml



#24 AR-1248-4

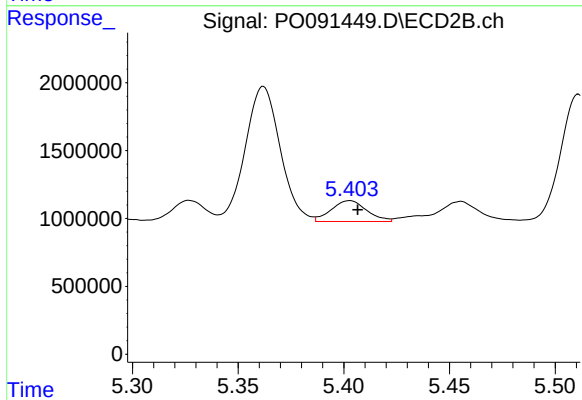
R.T.: 5.008 min
Delta R.T.: -0.004 min
Response: 14130645
Conc: 354.13 ng/ml



#25 AR-1248-5

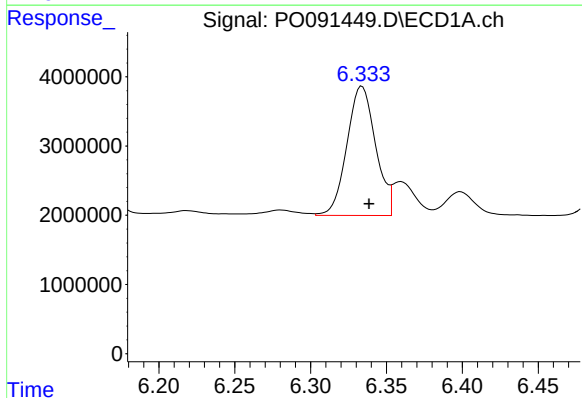
R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 4755437
Conc: 41.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



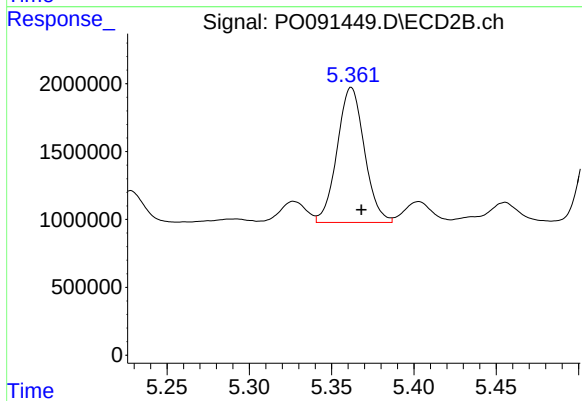
#25 AR-1248-5

R.T.: 5.403 min
Delta R.T.: -0.004 min
Response: 1787678
Conc: 49.87 ng/ml



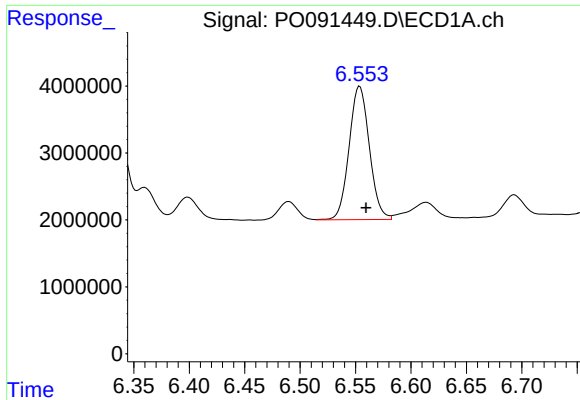
#26 AR-1254-1

R.T.: 6.334 min
Delta R.T.: -0.005 min
Response: 24565204
Conc: 195.60 ng/ml



#26 AR-1254-1

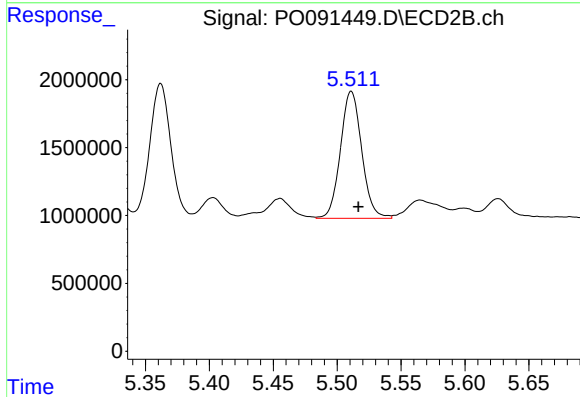
R.T.: 5.362 min
Delta R.T.: -0.006 min
Response: 11475783
Conc: 195.81 ng/ml



#27 AR-1254-2

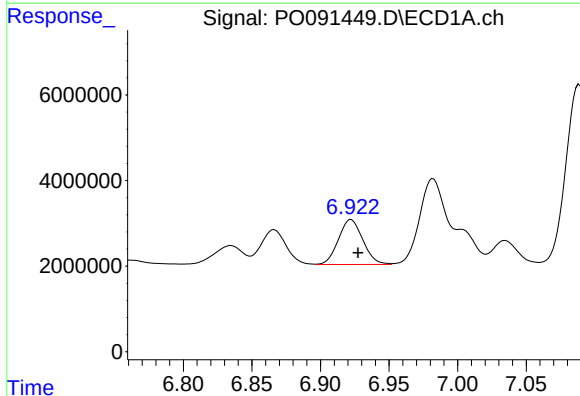
R.T.: 6.554 min
Delta R.T.: -0.006 min
Response: 25376166
Conc: 134.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



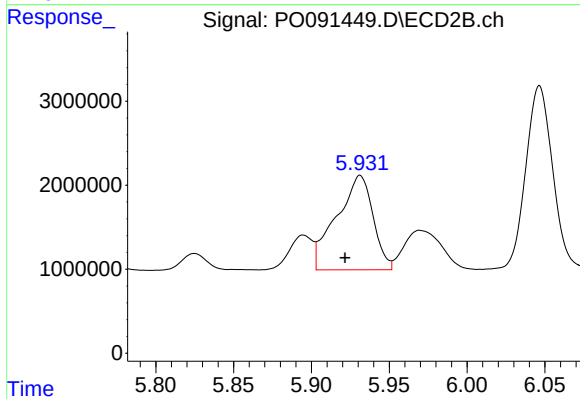
#27 AR-1254-2

R.T.: 5.511 min
Delta R.T.: -0.006 min
Response: 10881709
Conc: 203.89 ng/ml



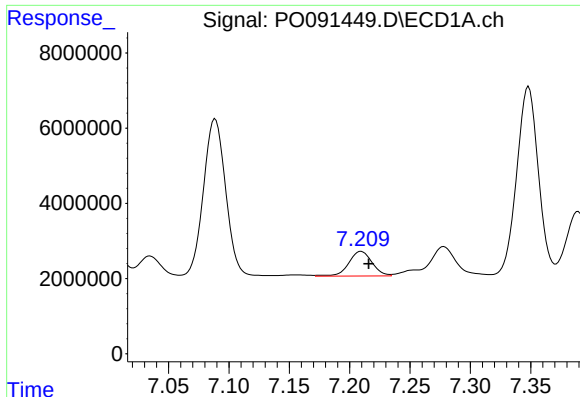
#28 AR-1254-3

R.T.: 6.922 min
Delta R.T.: -0.005 min
Response: 13014509
Conc: 69.43 ng/ml



#28 AR-1254-3

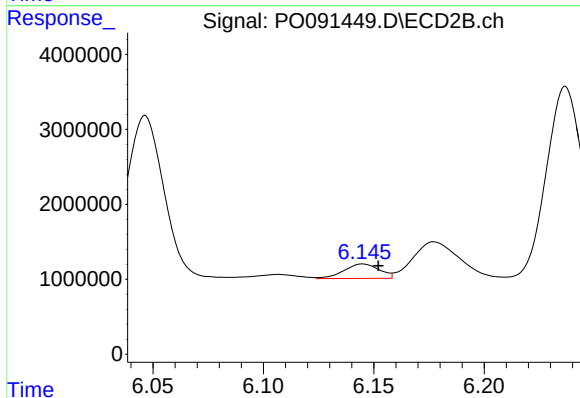
R.T.: 5.931 min
Delta R.T.: 0.010 min
Response: 18363116
Conc: 225.39 ng/ml



#29 AR-1254-4

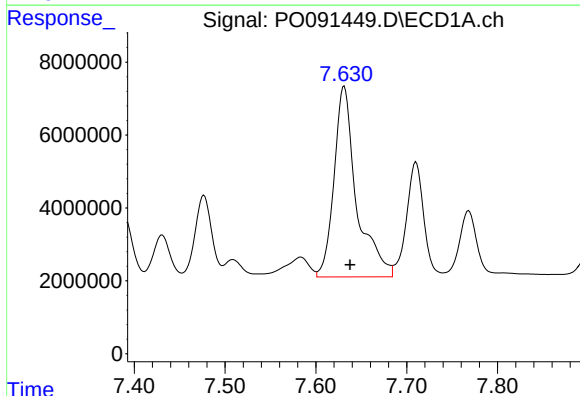
R.T.: 7.210 min
Delta R.T.: -0.006 min
Response: 8872802
Conc: 64.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



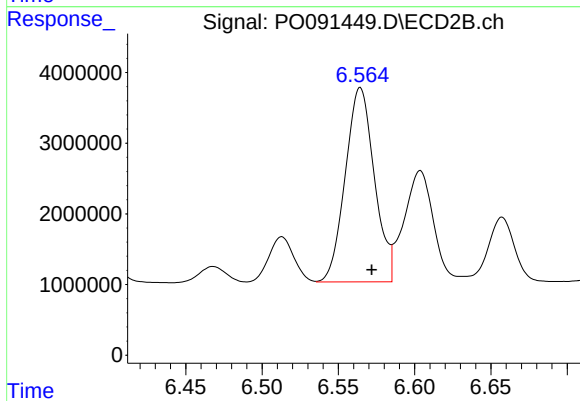
#29 AR-1254-4

R.T.: 6.145 min
Delta R.T.: -0.007 min
Response: 2142654
Conc: 43.79 ng/ml



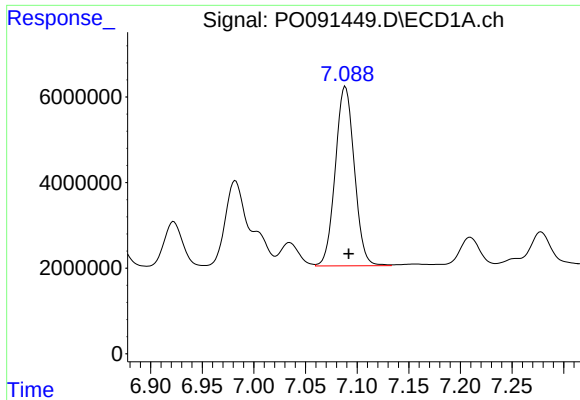
#30 AR-1254-5

R.T.: 7.631 min
Delta R.T.: -0.007 min
Response: 90084054
Conc: 587.14 ng/ml



#30 AR-1254-5

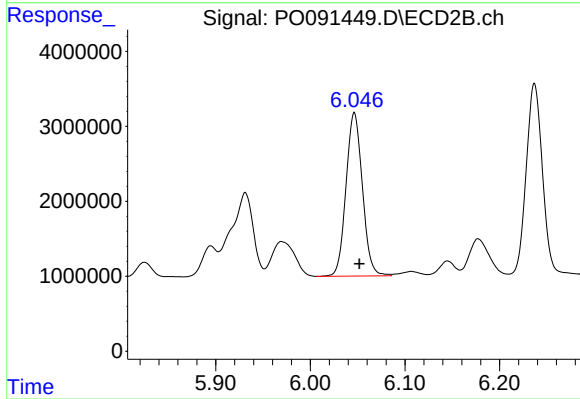
R.T.: 6.564 min
Delta R.T.: -0.007 min
Response: 36421284
Conc: 488.58 ng/ml



#31 AR-1260-1

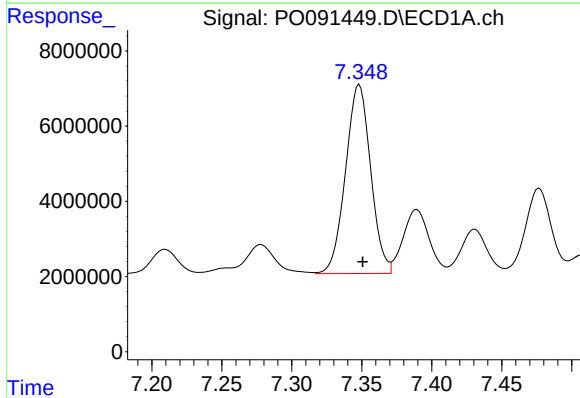
R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 53850856
Conc: 351.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



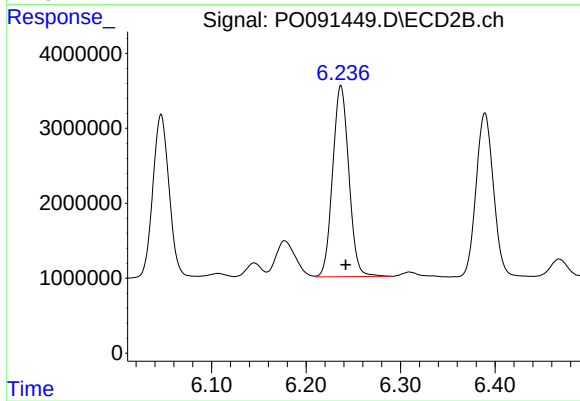
#31 AR-1260-1

R.T.: 6.047 min
Delta R.T.: -0.005 min
Response: 26277336
Conc: 453.82 ng/ml



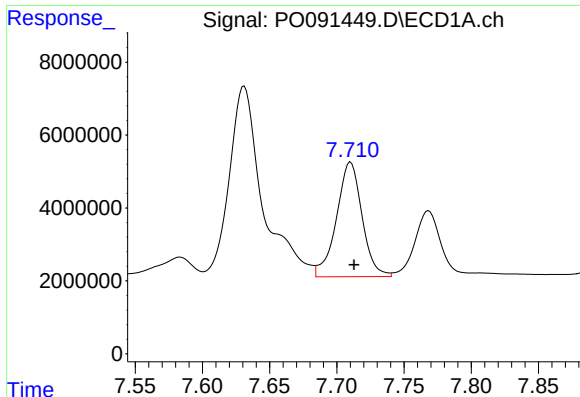
#32 AR-1260-2

R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 62777438
Conc: 359.67 ng/ml



#32 AR-1260-2

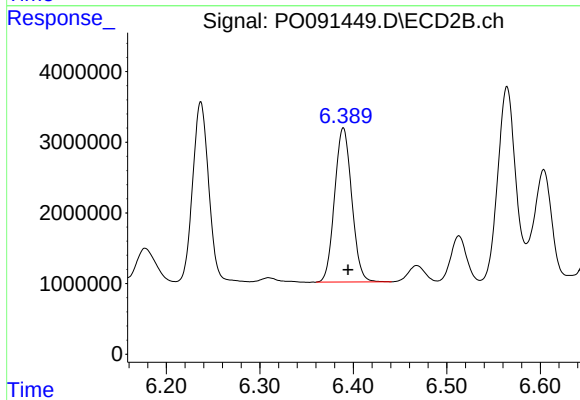
R.T.: 6.237 min
Delta R.T.: -0.005 min
Response: 30327814
Conc: 444.13 ng/ml



#33 AR-1260-3

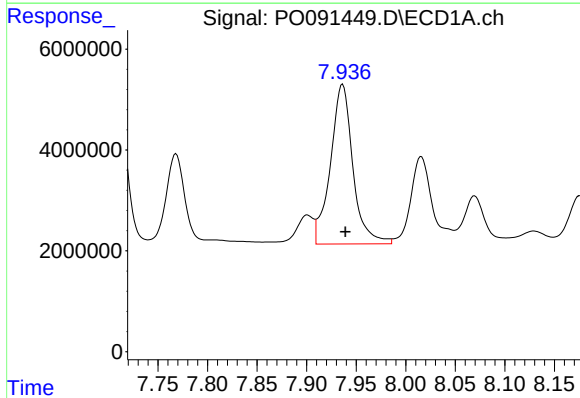
R.T.: 7.710 min
Delta R.T.: -0.003 min
Response: 41582953
Conc: 365.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



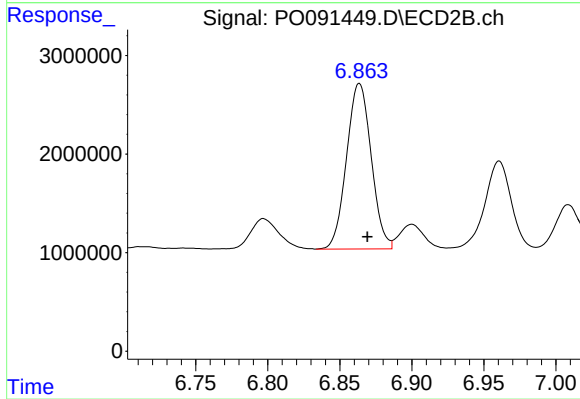
#33 AR-1260-3

R.T.: 6.389 min
Delta R.T.: -0.005 min
Response: 27785276
Conc: 423.60 ng/ml



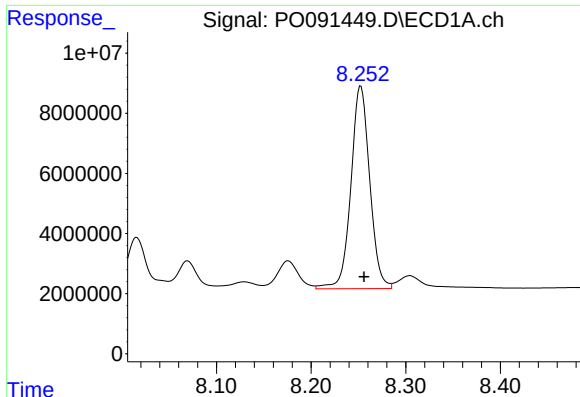
#34 AR-1260-4

R.T.: 7.936 min
Delta R.T.: -0.003 min
Response: 49995577
Conc: 368.95 ng/ml



#34 AR-1260-4

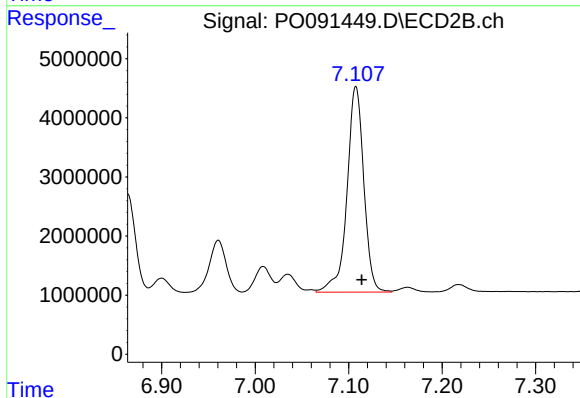
R.T.: 6.864 min
Delta R.T.: -0.005 min
Response: 20019216
Conc: 419.16 ng/ml



#35 AR-1260-5

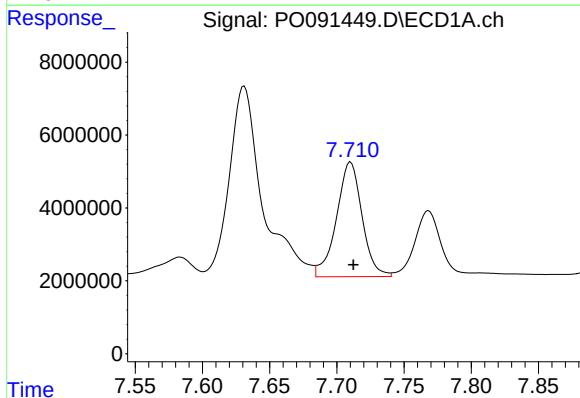
R.T.: 8.252 min
Delta R.T.: -0.004 min
Response: 93270444
Conc: 367.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



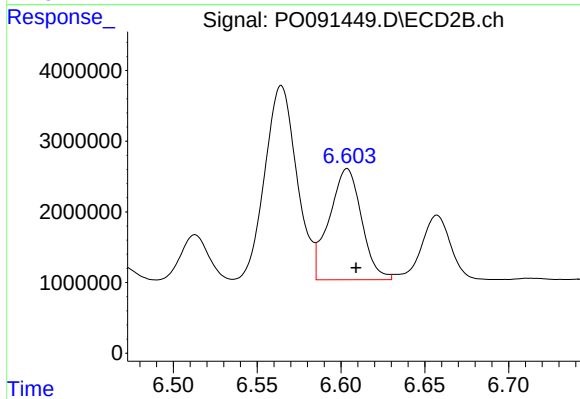
#35 AR-1260-5

R.T.: 7.108 min
Delta R.T.: -0.006 min
Response: 43479467
Conc: 399.95 ng/ml



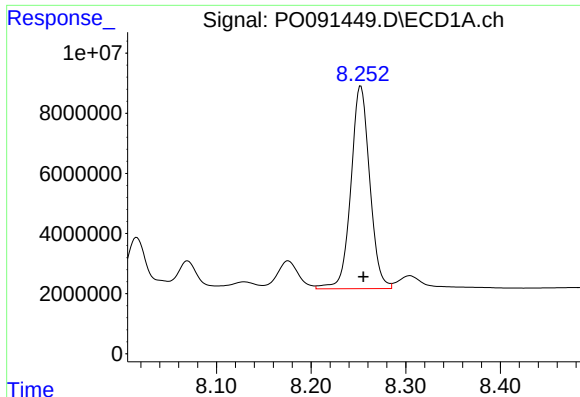
#36 AR-1262-1

R.T.: 7.710 min
Delta R.T.: -0.002 min
Response: 41582953
Conc: 227.59 ng/ml



#36 AR-1262-1

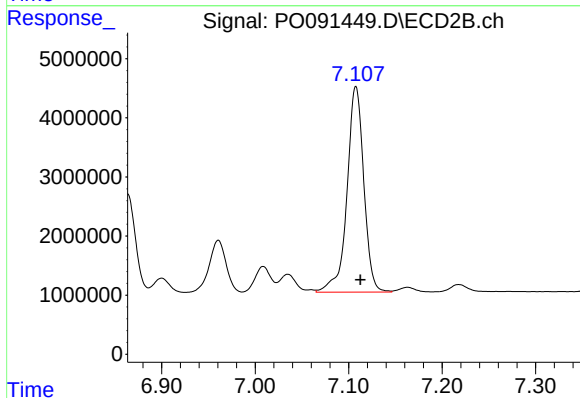
R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 21077656
Conc: 280.43 ng/ml



#37 AR-1262-2

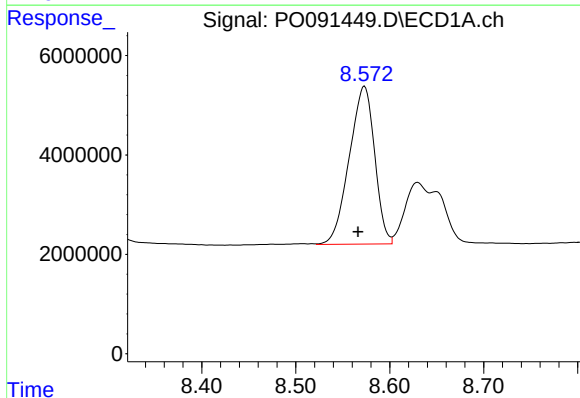
R.T.: 8.252 min
Delta R.T.: -0.003 min
Response: 93270444
Conc: 301.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



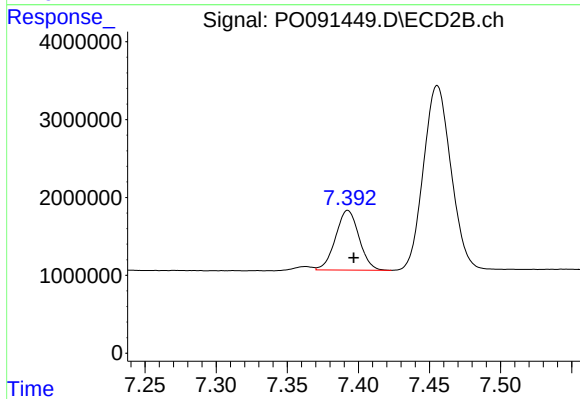
#37 AR-1262-2

R.T.: 7.108 min
Delta R.T.: -0.005 min
Response: 43479467
Conc: 341.55 ng/ml



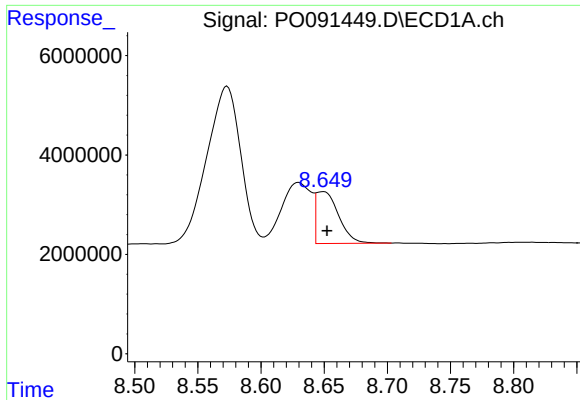
#38 AR-1262-3

R.T.: 8.573 min
Delta R.T.: 0.007 min
Response: 59529556
Conc: 276.11 ng/ml



#38 AR-1262-3

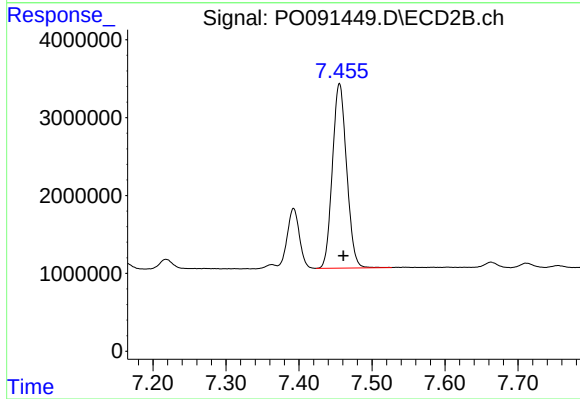
R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 8804755
Conc: 167.08 ng/ml



#39 AR-1262-4

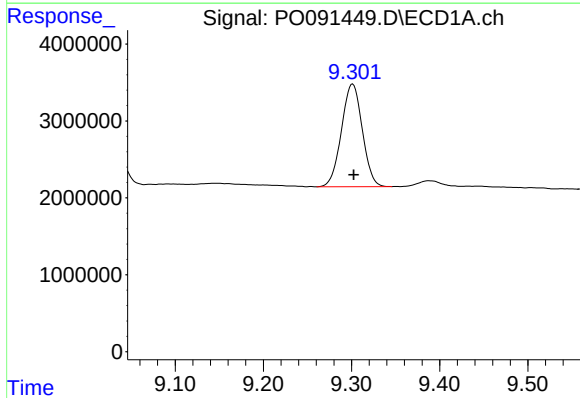
R.T.: 8.649 min
Delta R.T.: -0.003 min
Response: 12901668
Conc: 129.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



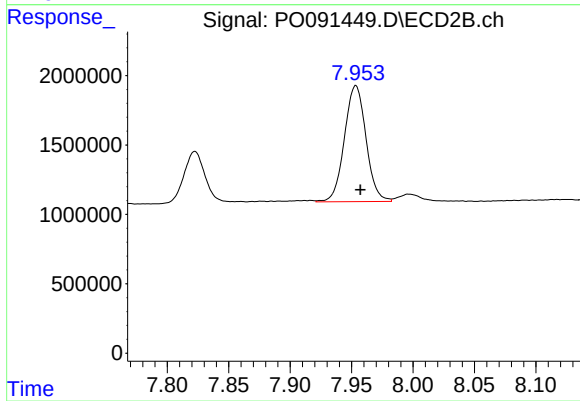
#39 AR-1262-4

R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 32021732
Conc: 337.15 ng/ml



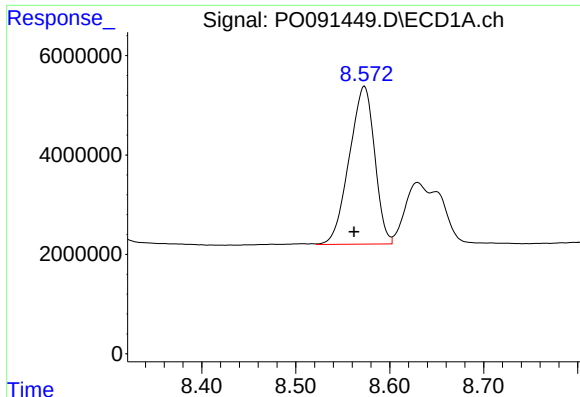
#40 AR-1262-5

R.T.: 9.301 min
Delta R.T.: -0.001 min
Response: 21965348
Conc: 190.29 ng/ml



#40 AR-1262-5

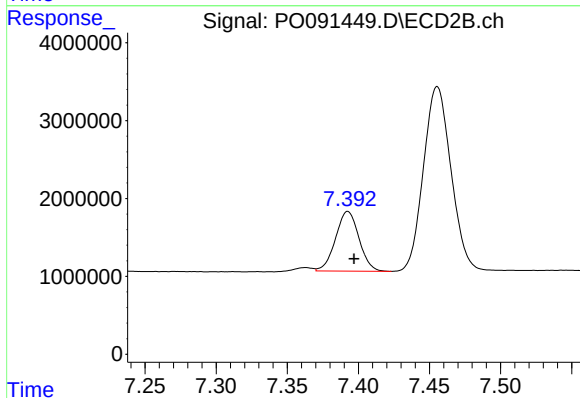
R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 10250608
Conc: 224.75 ng/ml



#41 AR-1268-1

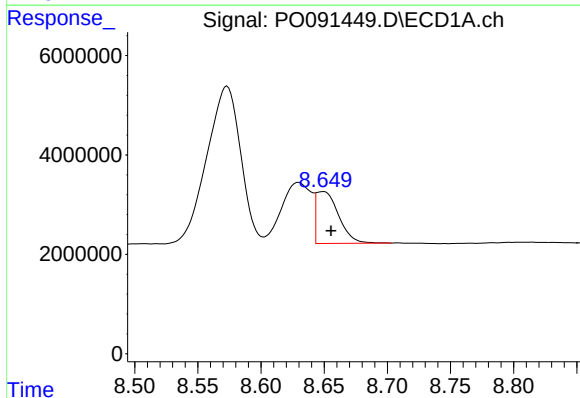
R.T.: 8.573 min
Delta R.T.: 0.011 min
Response: 59529556
Conc: 161.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



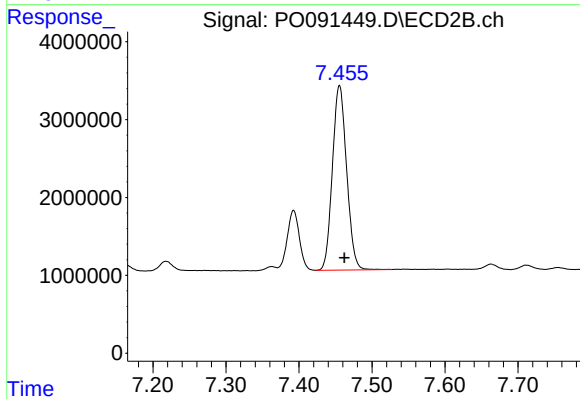
#41 AR-1268-1

R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 8804755
Conc: 59.03 ng/ml



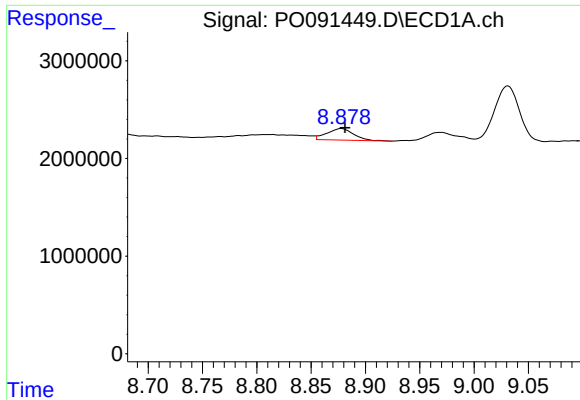
#42 AR-1268-2

R.T.: 8.649 min
Delta R.T.: -0.006 min
Response: 12901668
Conc: 38.80 ng/ml



#42 AR-1268-2

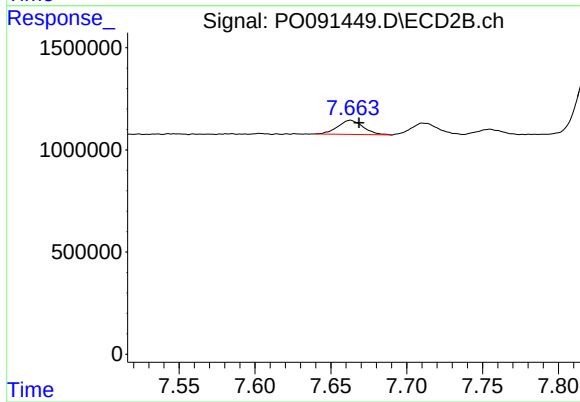
R.T.: 7.456 min
Delta R.T.: -0.006 min
Response: 32021732
Conc: 238.31 ng/ml



#43 AR-1268-3

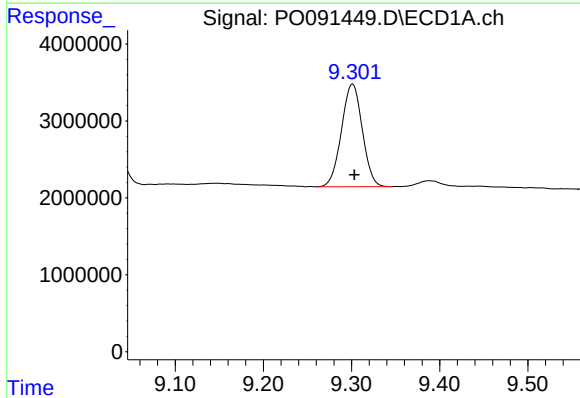
R.T.: 8.878 min
Delta R.T.: -0.003 min
Response: 2028239
Conc: 7.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



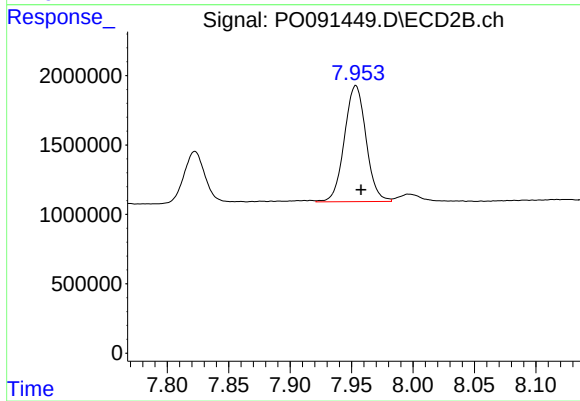
#43 AR-1268-3

R.T.: 7.663 min
Delta R.T.: -0.006 min
Response: 808385
Conc: 7.00 ng/ml



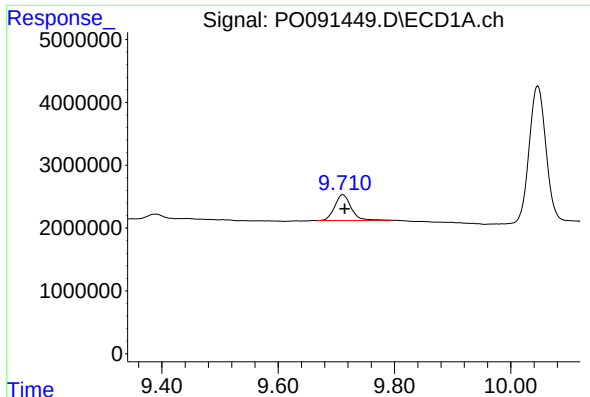
#44 AR-1268-4

R.T.: 9.301 min
Delta R.T.: -0.002 min
Response: 21965348
Conc: 177.94 ng/ml



#44 AR-1268-4

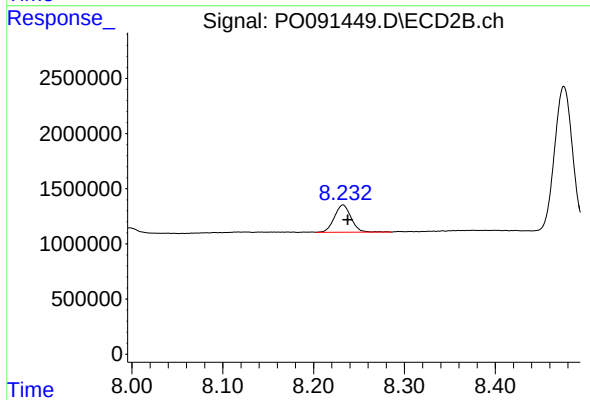
R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 10250608
Conc: 207.78 ng/ml



#45 AR-1268-5

R.T.: 9.711 min
Delta R.T.: -0.003 min
Response: 8098922
Conc: 8.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 3180009
Conc: 9.39 ng/ml