

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088161.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 14:20
 Operator : AR\AJ
 Sample : Q1830-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-1

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/22/2025
 Supervised By :mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:43:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.550	2.881	22684336	173.0E6	11.357m	11.831m
28) SA Decachlor...	9.073	8.076	37112817	195.7E6	11.219	10.593
Target Compounds						
10) B gamma-Chl...	5.945	5.128	4146746	34106941	1.145m	1.680m#
11) B alpha-Chl...	6.032	5.191	13989898	43237227	3.876	2.206m#
12) B 4,4'-DDE	6.195	5.378	16441239	114.9E6	4.985m	5.837
14) MA Endrin	6.573	5.796	5418403	28807825	1.817m	1.583
16) A 4,4'-DDD	6.705	5.931	9447269	60525678	3.756m	3.694m
17) MA 4,4'-DDT	7.019	6.184	13910813	154.8E6	5.008m	9.098 #

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

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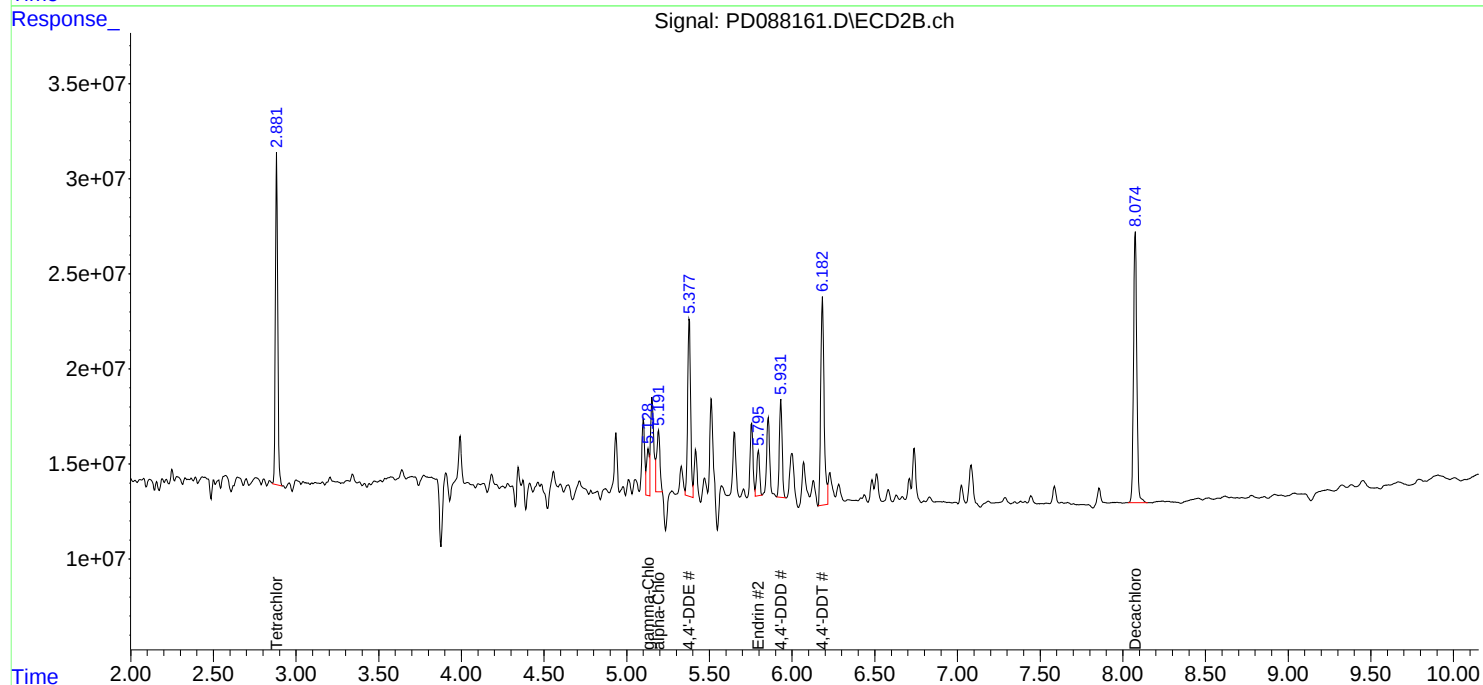
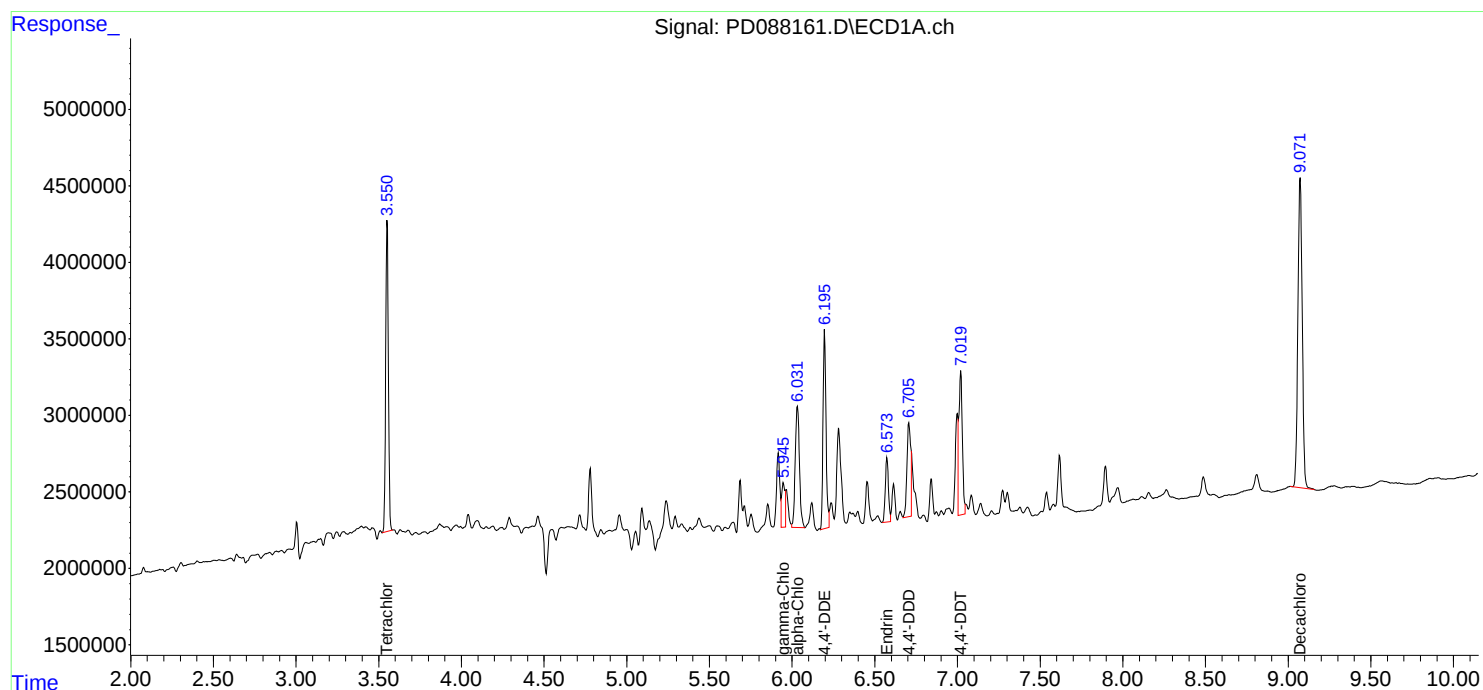
Instrument :
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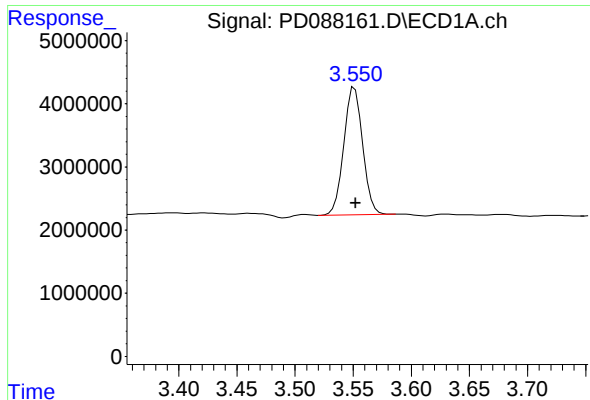
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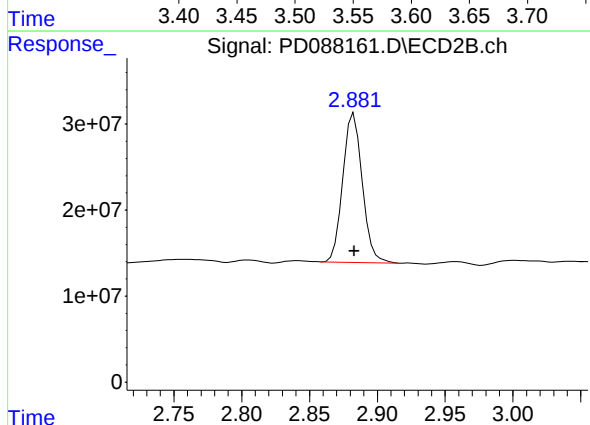
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 22684336
Conc: 11.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1

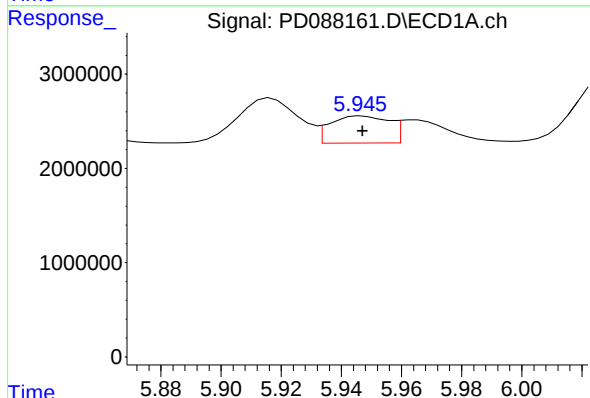
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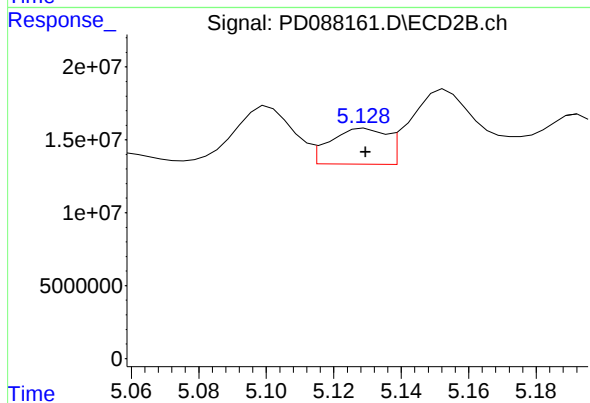
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 172994305
Conc: 11.83 ng/ml



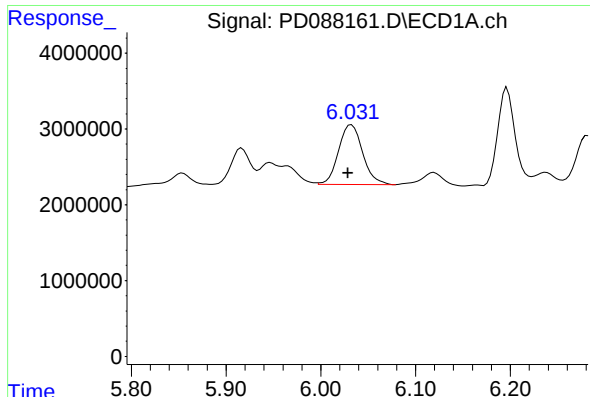
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 4146746
Conc: 1.14 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 34106941
Conc: 1.68 ng/ml



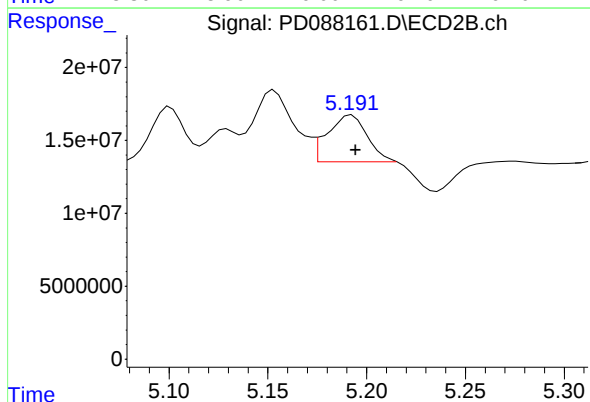
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.004 min
Response: 13989898
Conc: 3.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1

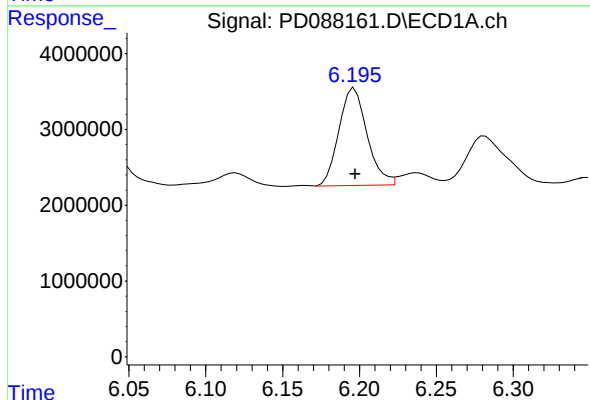
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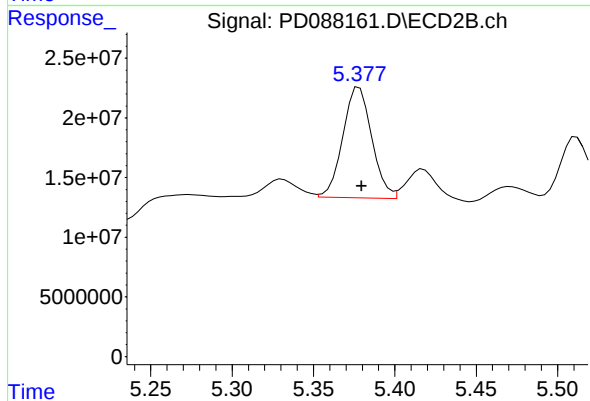
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 43237227
Conc: 2.21 ng/ml m



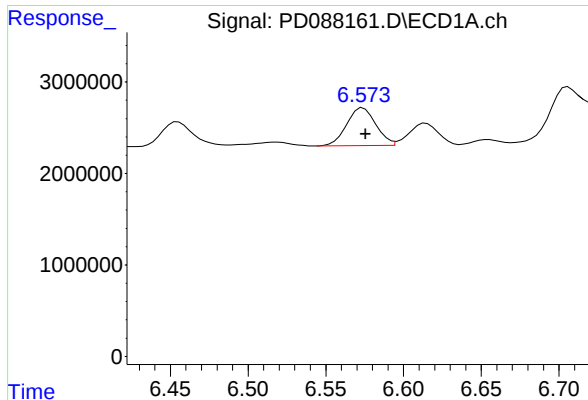
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 16441239
Conc: 4.98 ng/ml m



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.001 min
Response: 114947026
Conc: 5.84 ng/ml



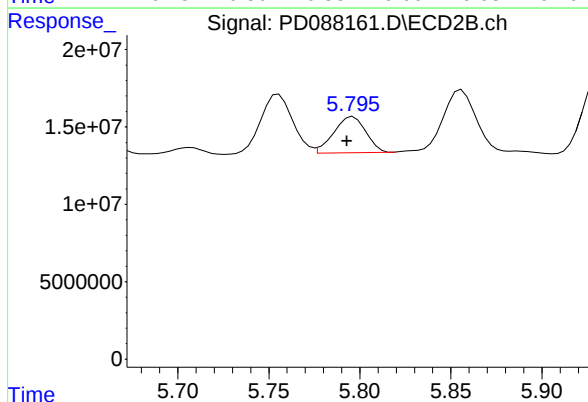
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 5418403
Conc: 1.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
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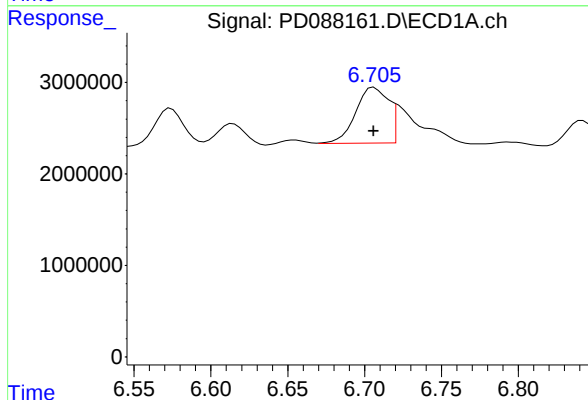
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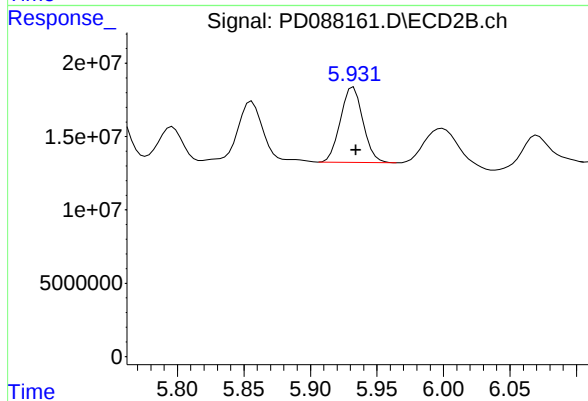
#14 Endrin

R.T.: 5.796 min
Delta R.T.: 0.003 min
Response: 28807825
Conc: 1.58 ng/ml



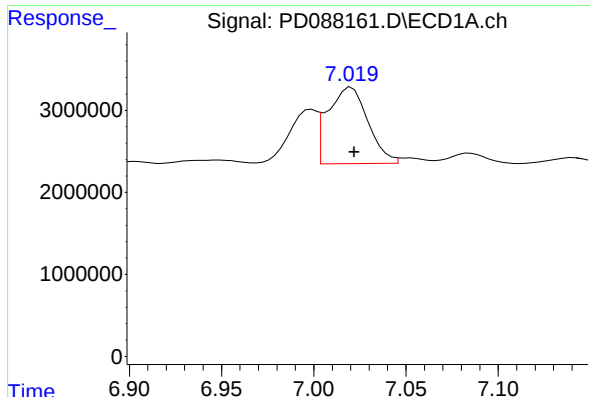
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 9447269
Conc: 3.76 ng/ml m



#16 4,4'-DDD

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 60525678
Conc: 3.69 ng/ml m



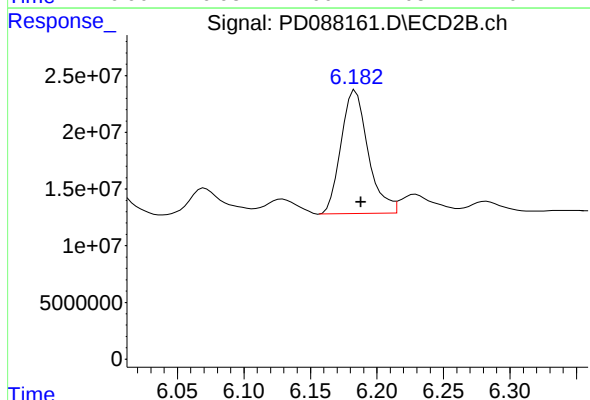
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.003 min
Response: 13910813
Conc: 5.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1

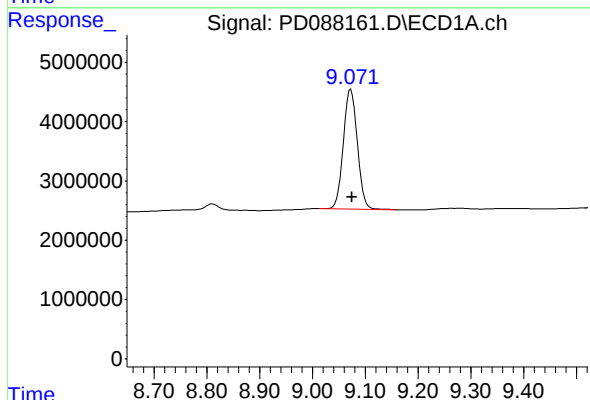
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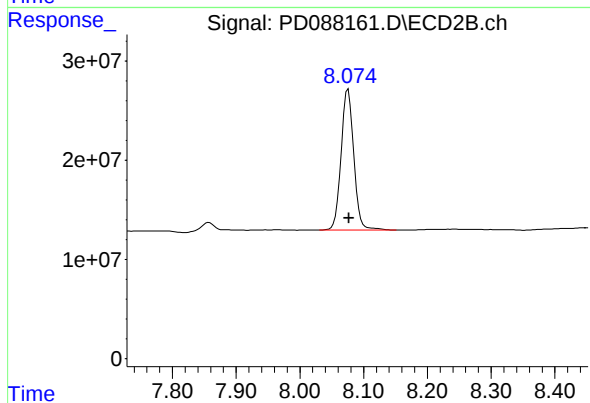
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 154818860
Conc: 9.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 37112817
Conc: 11.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: -0.001 min
Response: 195747818
Conc: 10.59 ng/ml