

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
 Data File : PD089089.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 18:09
 Operator : AR\AJ
 Sample : Q2380-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11948

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/24/2025
 Supervised By :mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:52:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.549	2.880	40839498	225.0E6	14.314m	13.274m
28) SA Decachlor...	9.071	8.071	69995490	279.8E6	17.821m	14.151
Target Compounds						
10) B gamma-Chl...	5.942	5.124	1534823	8487452	0.321m	0.355m
11) B alpha-Chl...	6.032	5.190	8711914	14775278	1.801	0.645m#
12) B 4,4'-DDE	6.196	5.374	7616554	39030481	1.747	1.703m
13) MA Dieldrin	6.349	5.510	3086776	34055375	0.643m	1.467m#
14) MA Endrin	6.571	5.793	1836113	24737888	0.445	1.139m#
17) MA 4,4'-DDT	7.021	6.183	16011239	80743514	4.227	3.982

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

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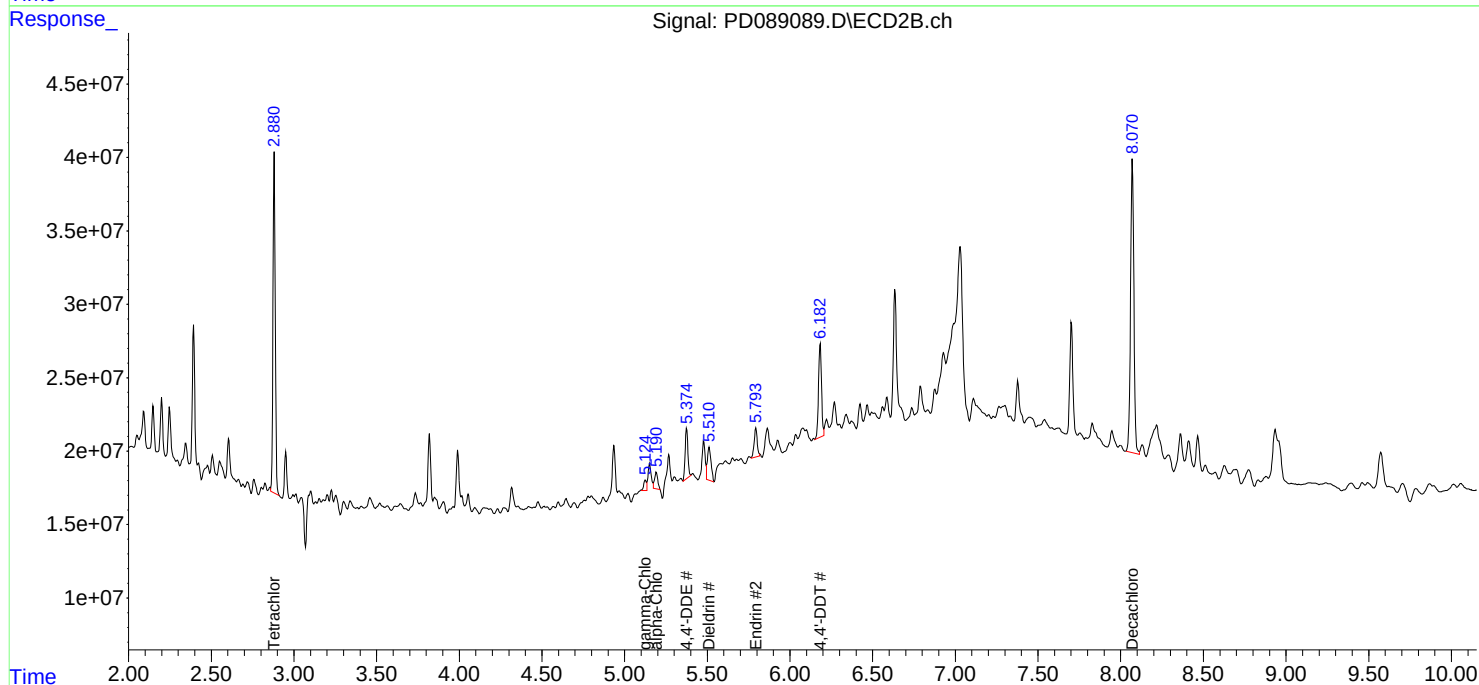
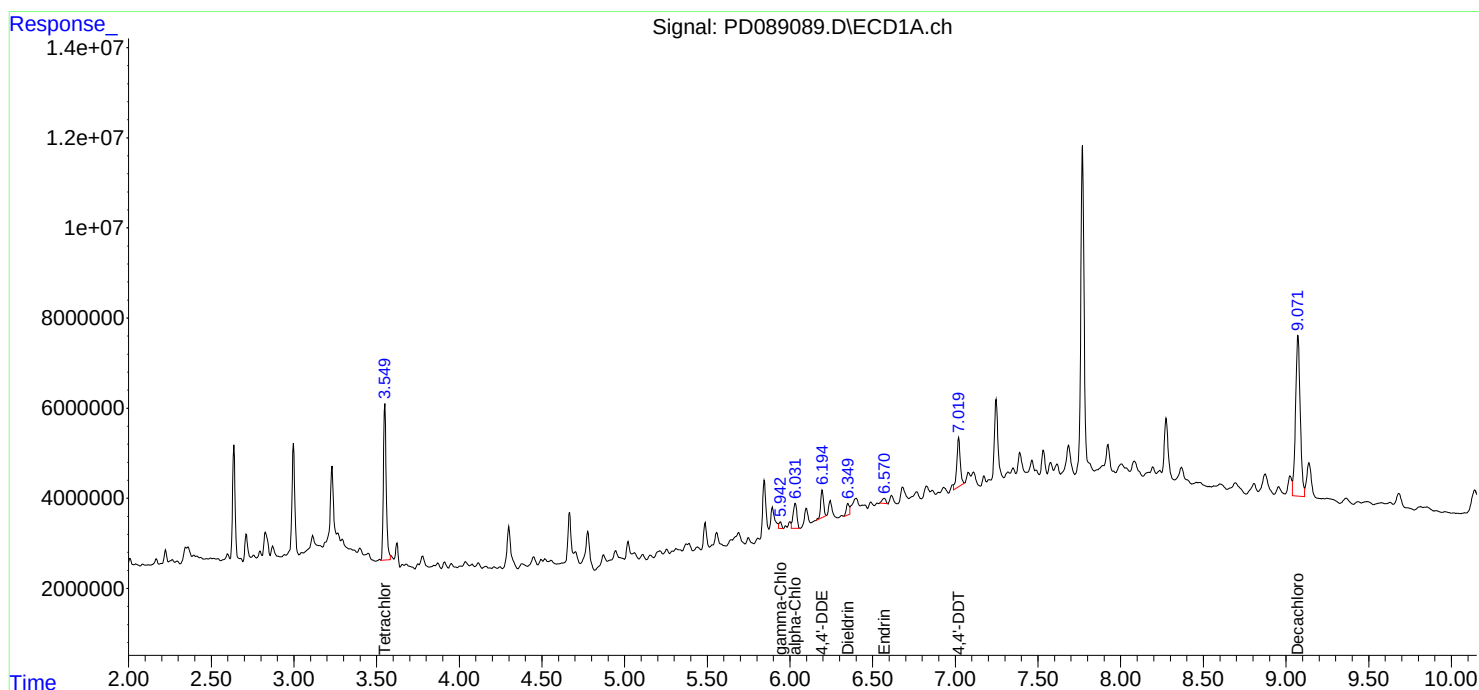
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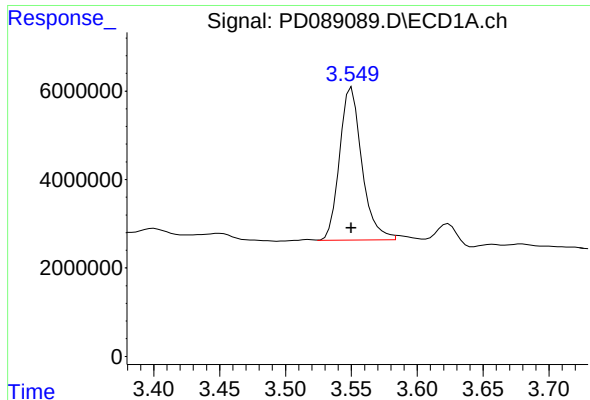
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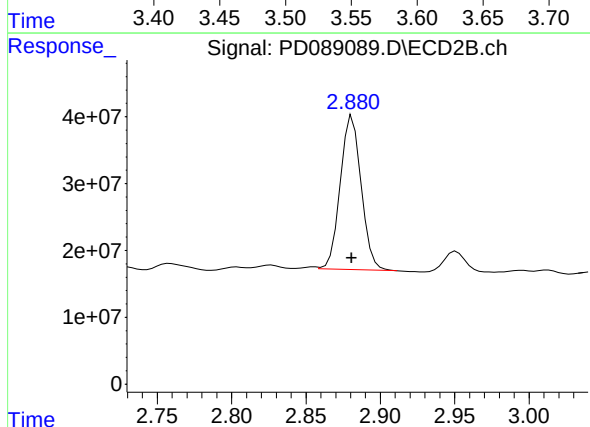
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 40839498
Conc: 14.31 ng/ml

Instrument :
ECD_D
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72-11948

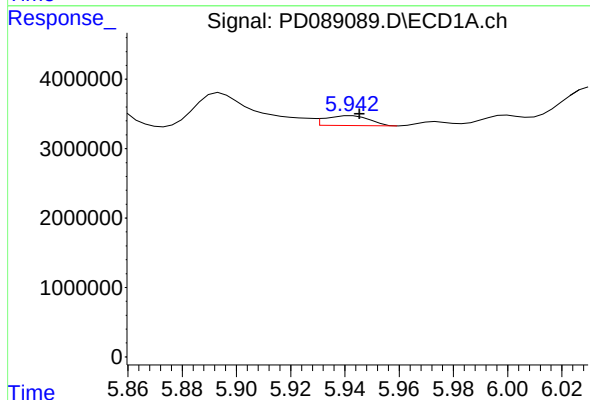
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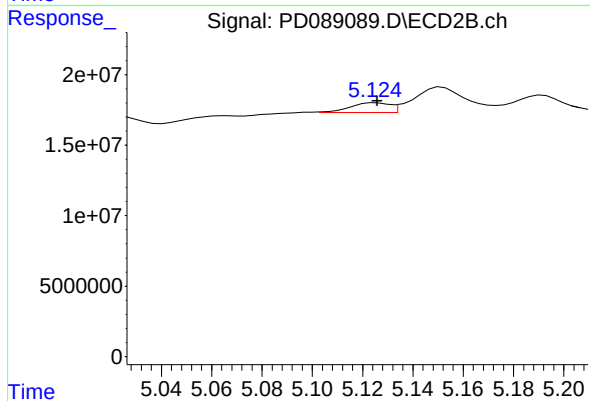
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 225036999
Conc: 13.27 ng/ml



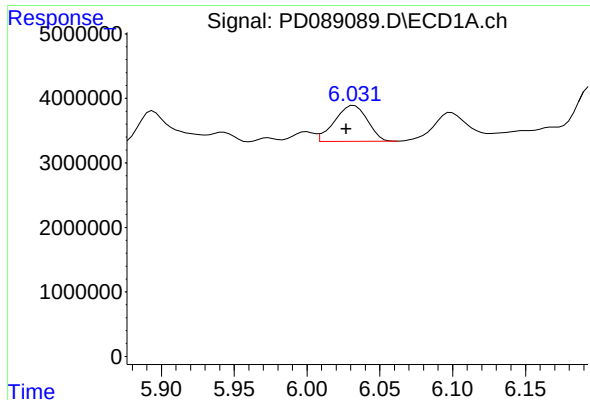
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 1534823
Conc: 0.32 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 8487452
Conc: 0.35 ng/ml



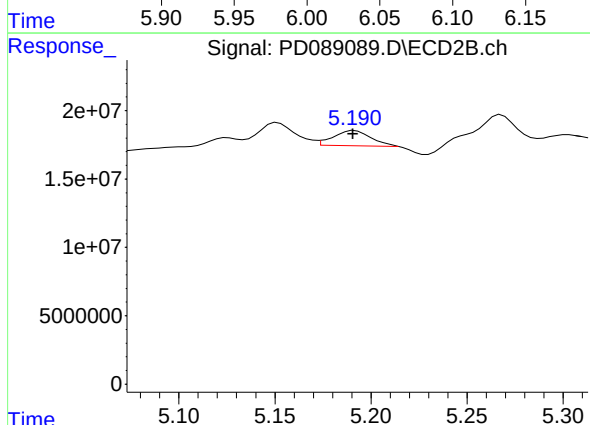
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.005 min
Response: 8711914
Conc: 1.80 ng/ml

Instrument :
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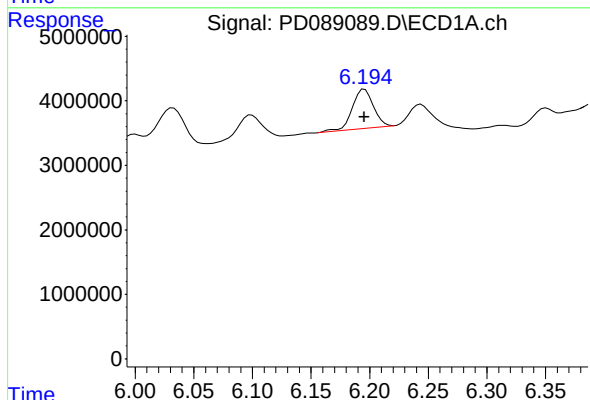
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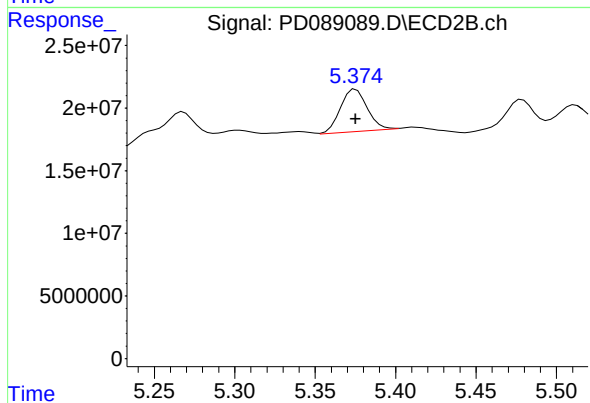
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 14775278
Conc: 0.65 ng/ml m



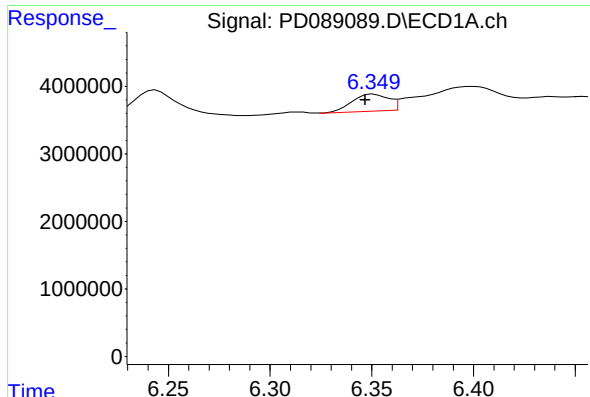
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 7616554
Conc: 1.75 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 39030481
Conc: 1.70 ng/ml m



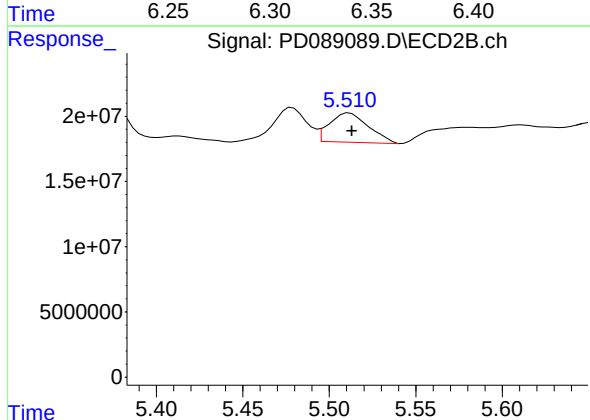
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.003 min
Response: 3086776
Conc: 0.64 ng/ml

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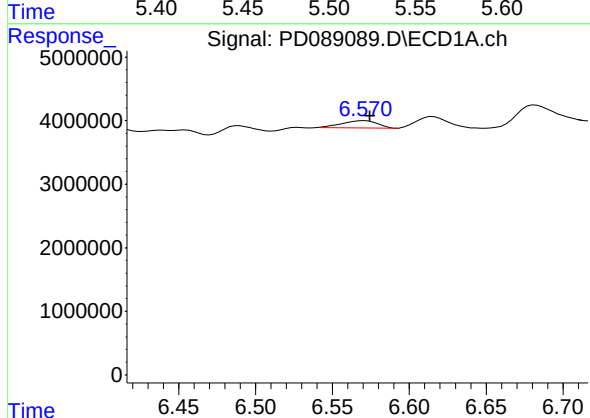
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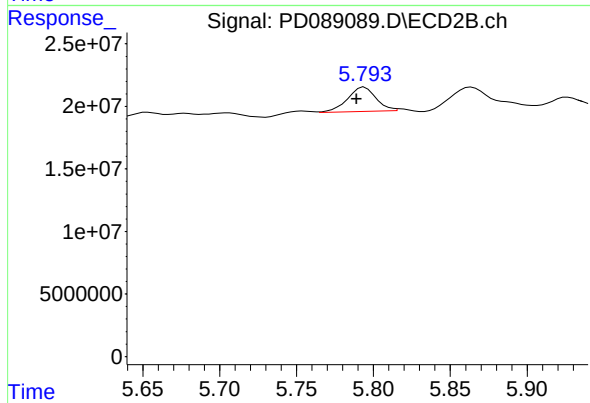
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 34055375
Conc: 1.47 ng/ml m



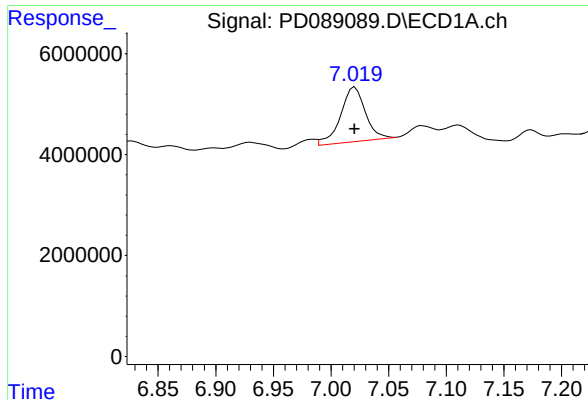
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.004 min
Response: 1836113
Conc: 0.45 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.004 min
Response: 24737888
Conc: 1.14 ng/ml m



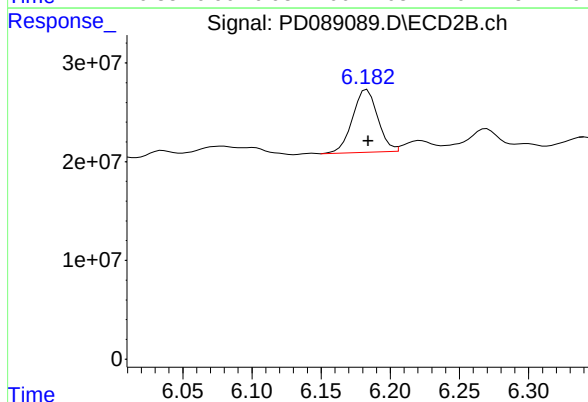
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 16011239
Conc: 4.23 ng/ml

Instrument :
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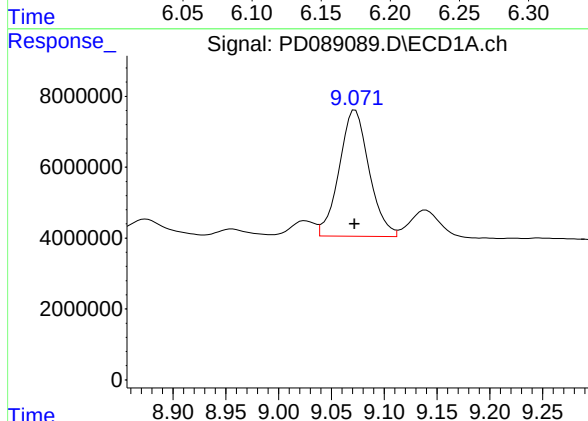
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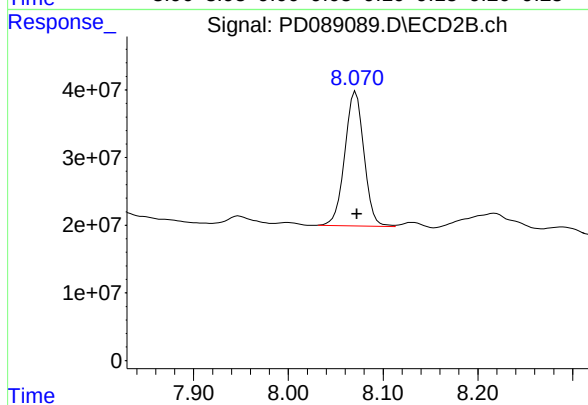
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 80743514
Conc: 3.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 69995490
Conc: 17.82 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 279765822
Conc: 14.15 ng/ml