

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043025\
 Data File : PD088356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2025 13:47
 Operator : AR\AJ
 Sample : Q1907-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CO-8R-WC

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/01/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 00:23:14 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 x 0.5 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	2.882	24536673	178.2E6	12.284m	12.187
2) SA Decachlor...	9.075	8.074	41435157	173.5E6	12.525	9.388m#
Target Compounds						
8) B Heptachlo...	5.684	4.870	8642703	13976849	2.418	0.740 #
10) B gamma-Chl...	5.946	5.127	25016214	60652038	6.907	2.988m#
11) B alpha-Chl...	6.032	5.191	39864417	128.6E6	11.044	6.563m#
12) B 4,4'-DDE	6.198	5.377	15632857	98653497	4.740	5.009m
14) MA Endrin	6.573	5.793	6915837	49663176	2.319m	2.728m
19) B Endosulfa...	7.142	6.484	5284744	57760926	1.838m	3.371 #

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

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Manual Integrations

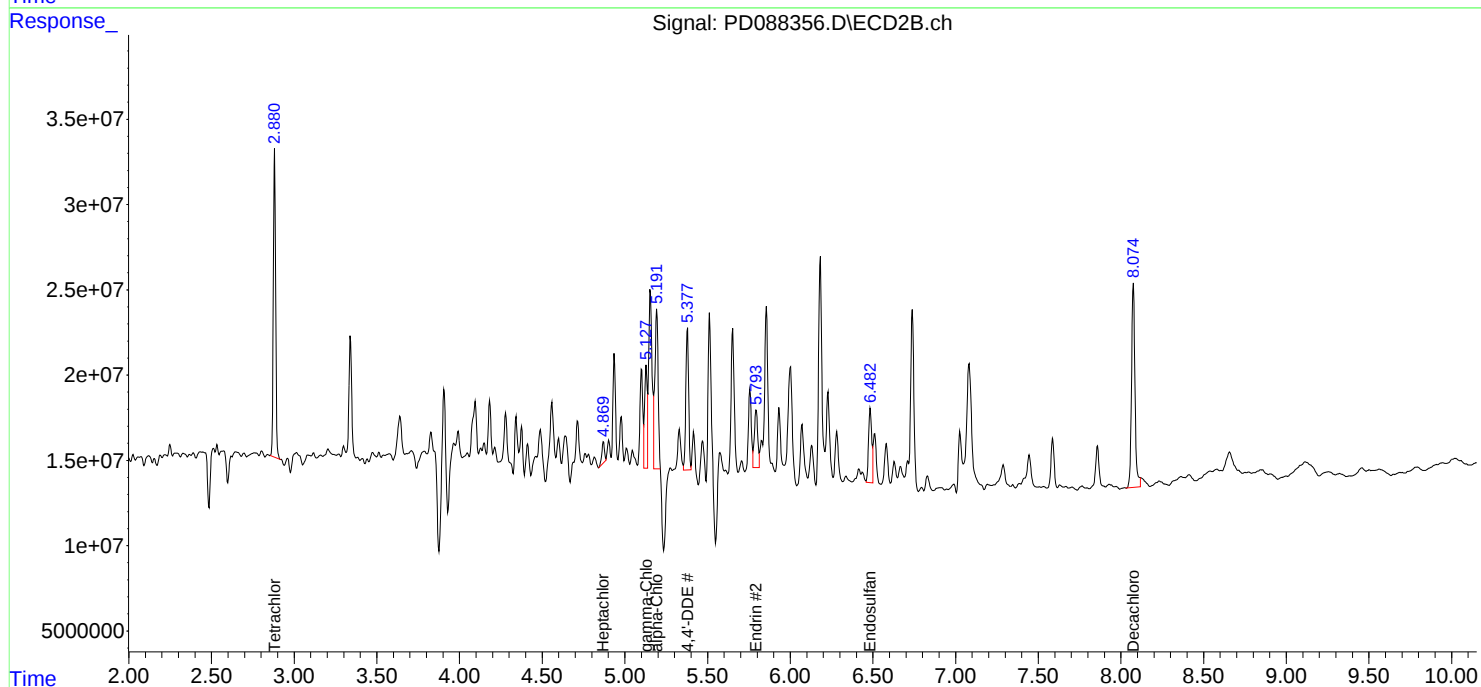
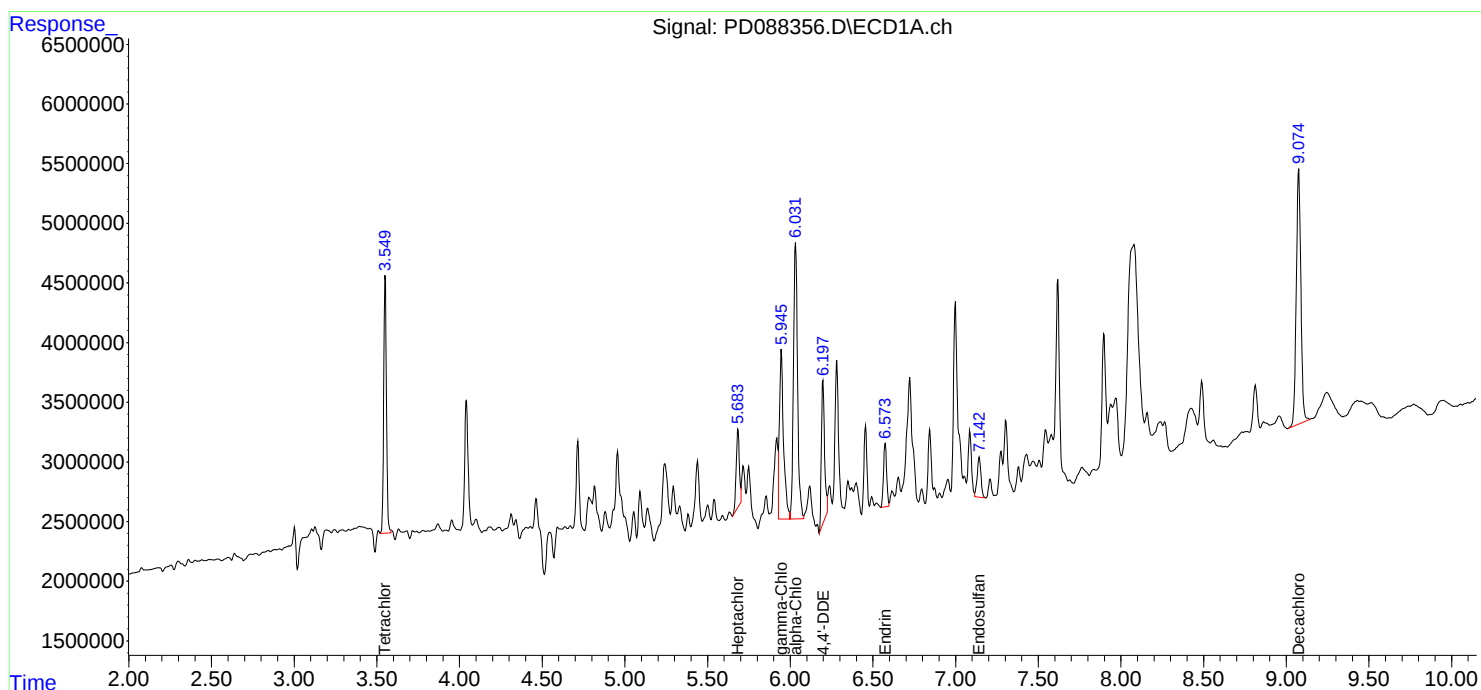
APPROVED

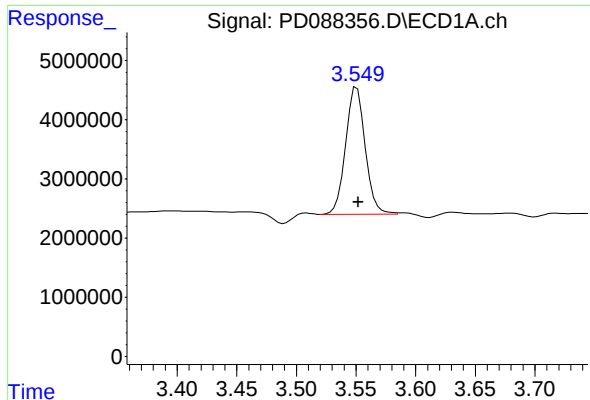
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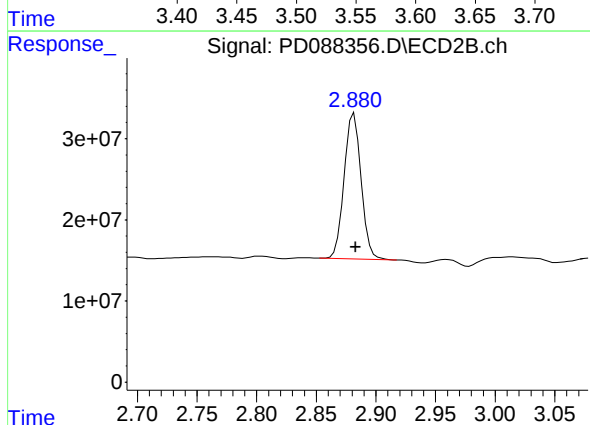
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.003 min
Response: 24536673
Conc: 12.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
CO-8R-WC

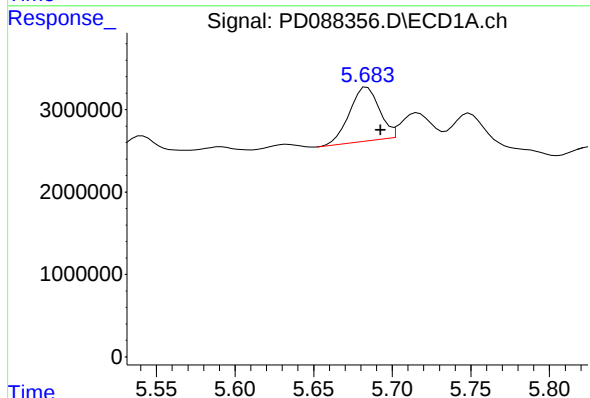
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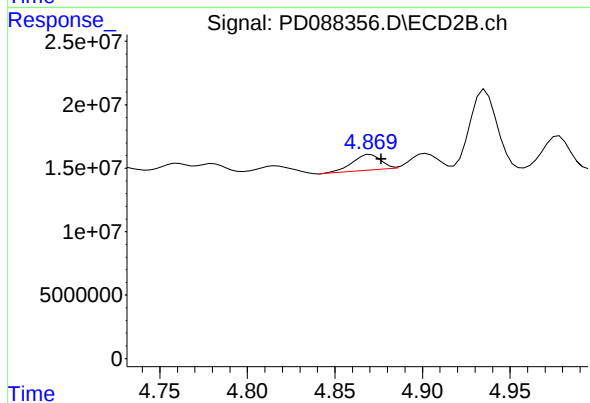
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 178192522
Conc: 12.19 ng/ml



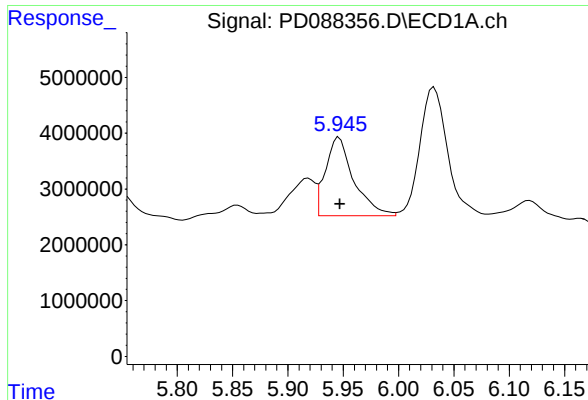
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.008 min
Response: 8642703
Conc: 2.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.870 min
Delta R.T.: -0.006 min
Response: 13976849
Conc: 0.74 ng/ml



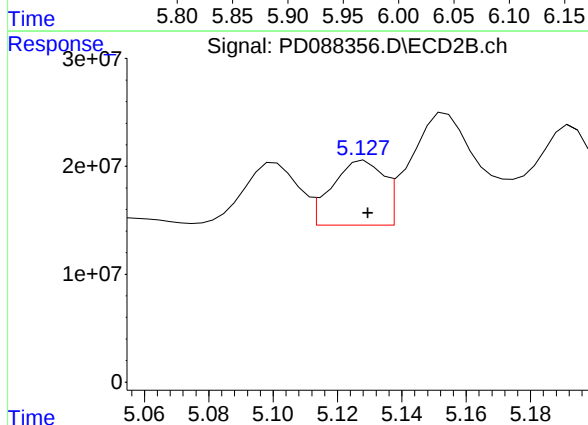
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 25016214
Conc: 6.91 ng/ml

Instrument :
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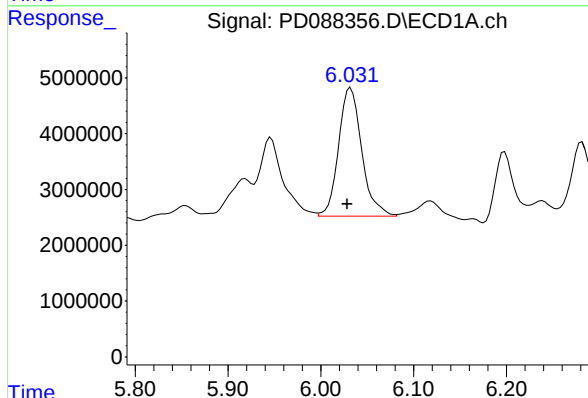
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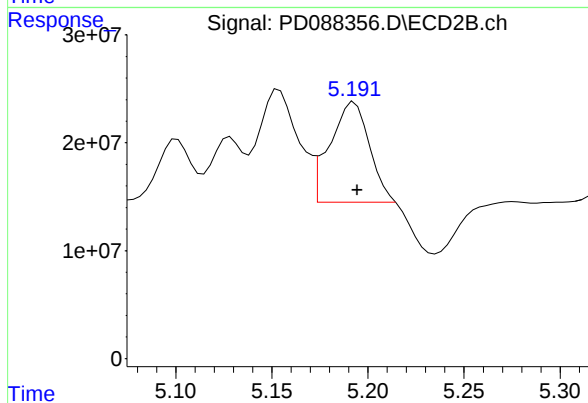
#10 gamma-Chlordane

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 60652038
Conc: 2.99 ng/ml m



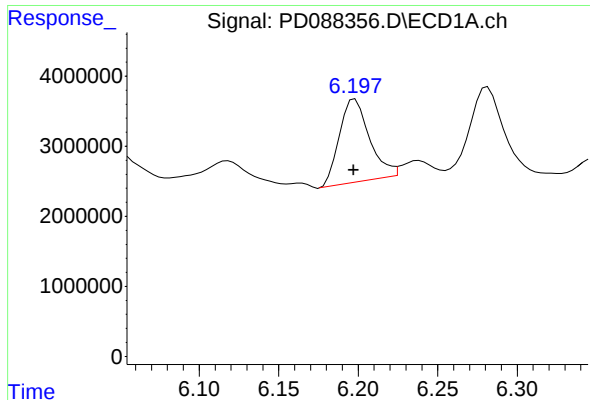
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.004 min
Response: 39864417
Conc: 11.04 ng/ml



#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 128644508
Conc: 6.56 ng/ml m



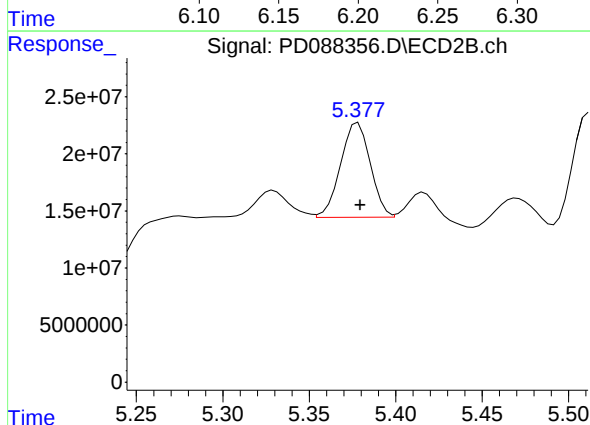
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 15632857
Conc: 4.74 ng/ml

Instrument :
ECD_D
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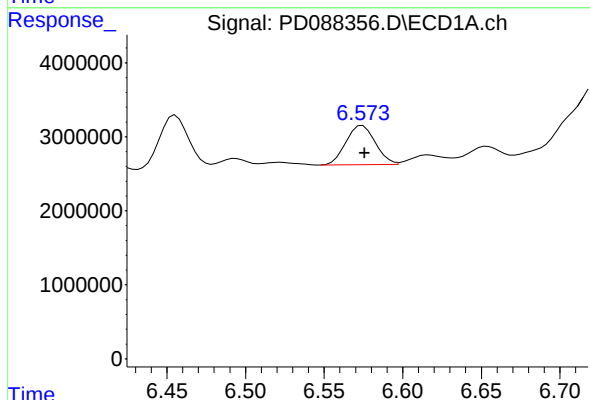
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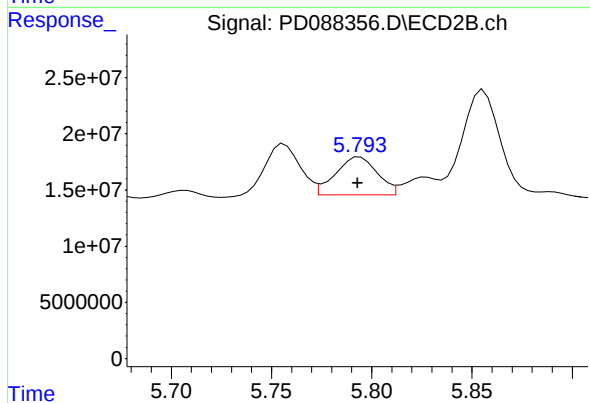
#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 98653497
Conc: 5.01 ng/ml m



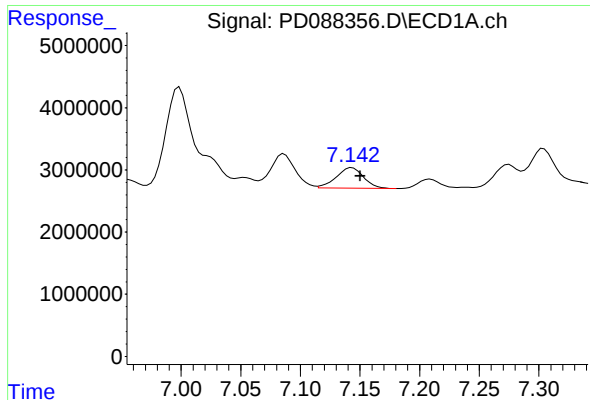
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 6915837
Conc: 2.32 ng/ml m



#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 49663176
Conc: 2.73 ng/ml m



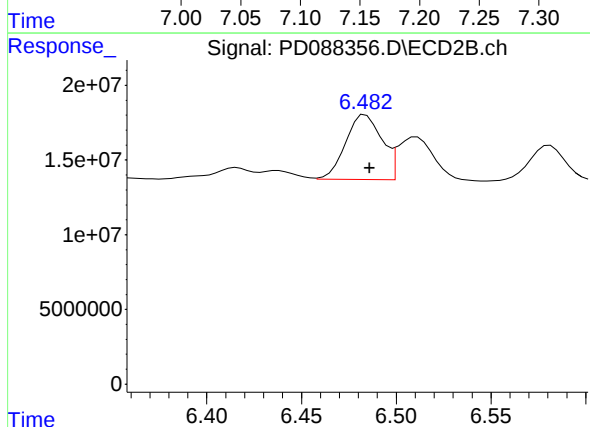
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.008 min
Response: 5284744
Conc: 1.84 ng/ml

Instrument :
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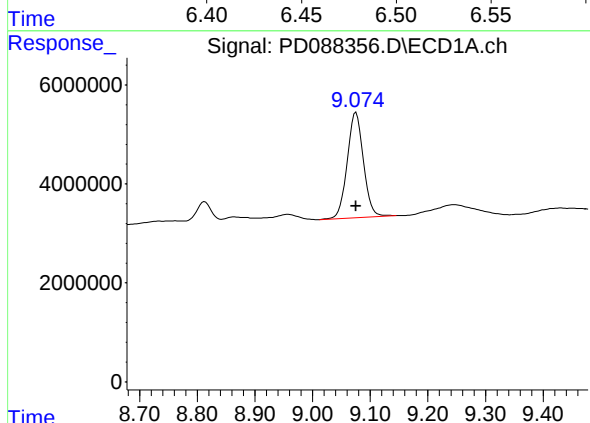
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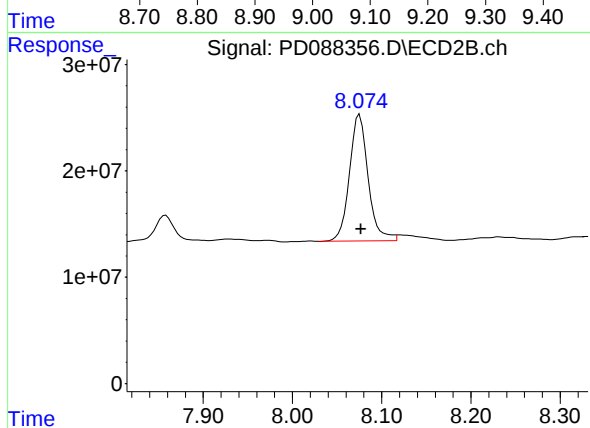
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 57760926
Conc: 3.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 41435157
Conc: 12.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 173493506
Conc: 9.39 ng/ml m