

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
 Data File : PD089090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 18:23
 Operator : AR\AJ
 Sample : Q2381-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 291431

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 01:53:11 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 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...	3.550	2.882	33803828	165.7E6	11.848	9.776
28) SA Decachlor...	9.074	8.069	90341832	288.8E6	23.002m	14.608m#
Target Compounds						
8) B Heptachlo...	5.688	4.871	39427946	114.8E6	8.173m	5.241m#
10) B gamma-Chl...	5.946	5.126	265.0E6	279.1E6	55.355	11.665 #
11) B alpha-Chl...	6.034	5.189	612.7E6	683.6E6	126.631	29.855 #
12) B 4,4'-DDE	6.194	5.374	9525989	32335583	2.184m	1.411m#
13) MA Dieldrin	6.346	5.510	13426893	143.3E6	2.799	6.172m#
17) MA 4,4'-DDT	7.020	6.181	5150028	50700255	1.359	2.500 #

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

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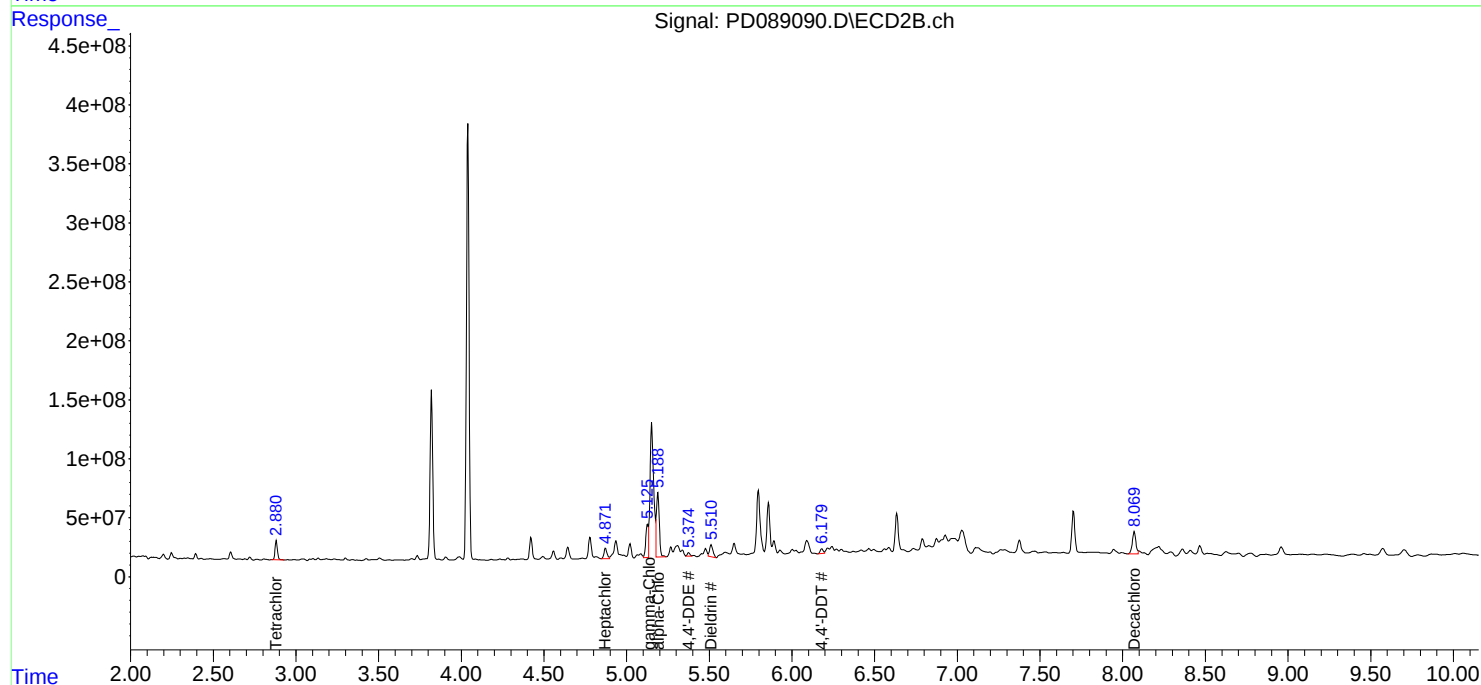
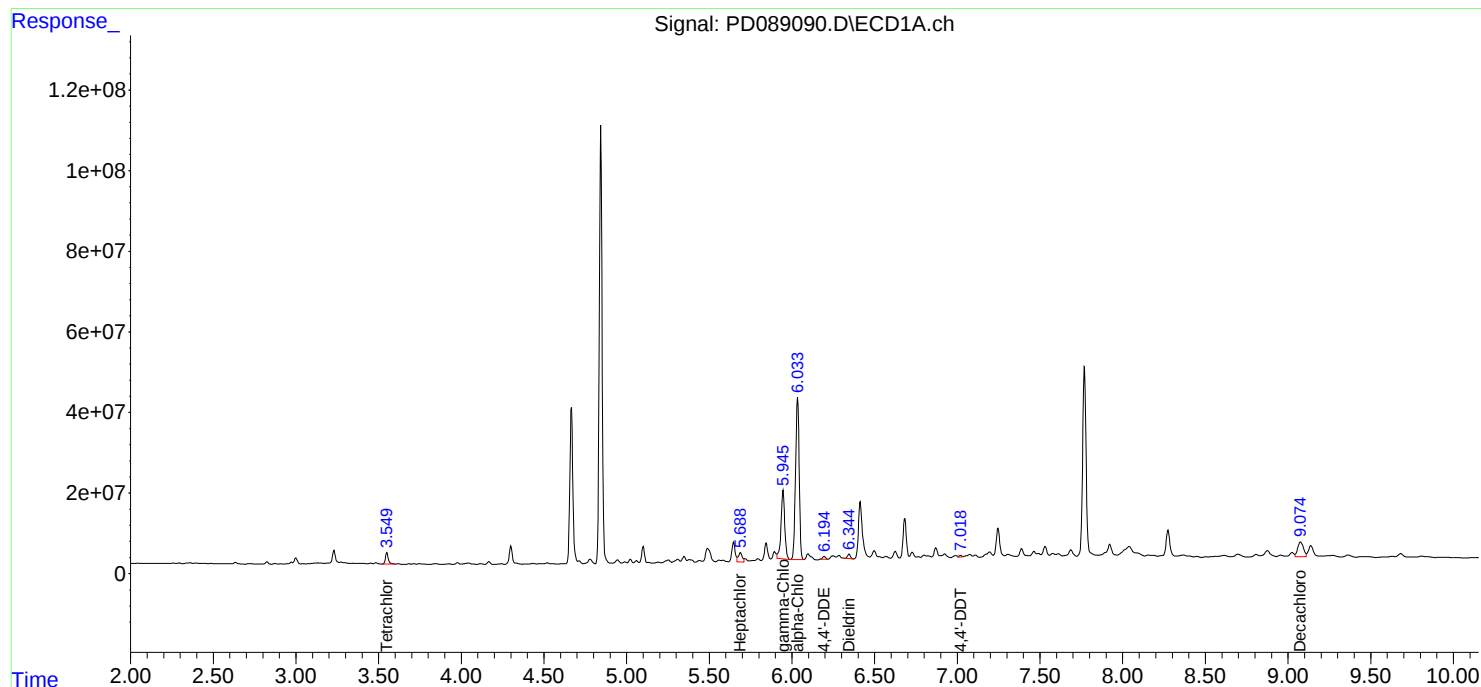
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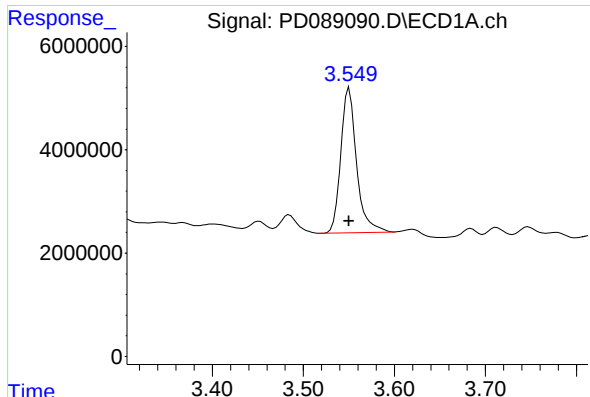
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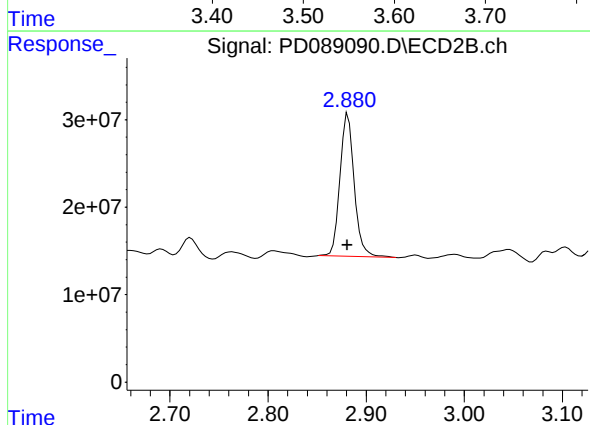
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 33803828
Conc: 11.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
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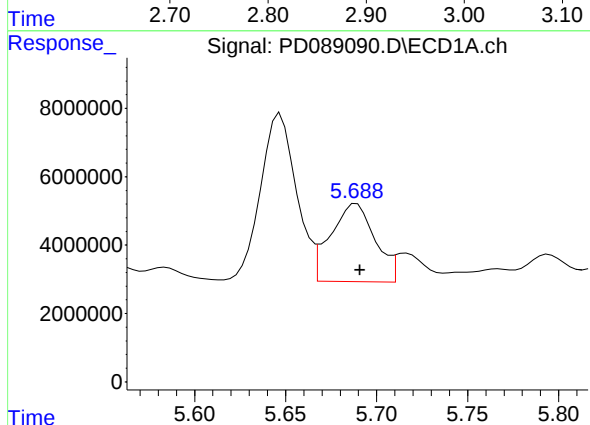
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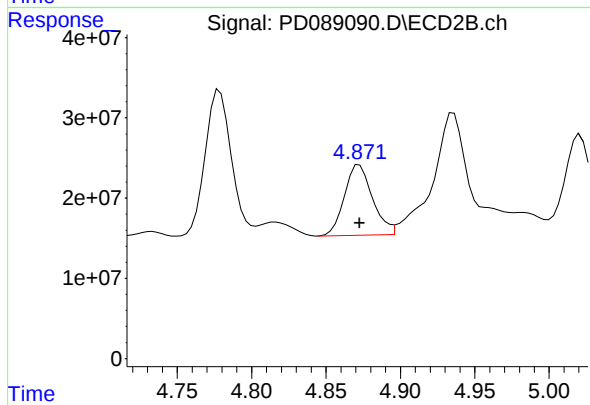
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 165739067
Conc: 9.78 ng/ml



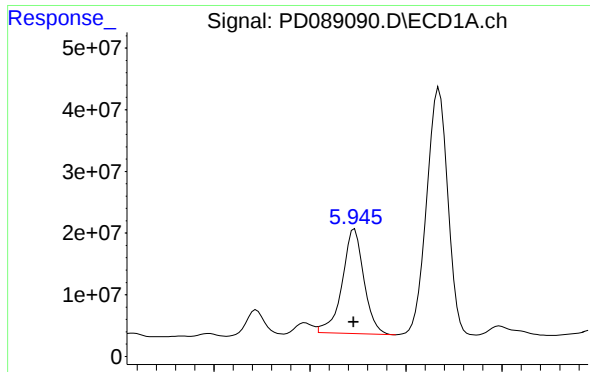
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.003 min
Response: 39427946
Conc: 8.17 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.871 min
Delta R.T.: -0.002 min
Response: 114759933
Conc: 5.24 ng/ml m



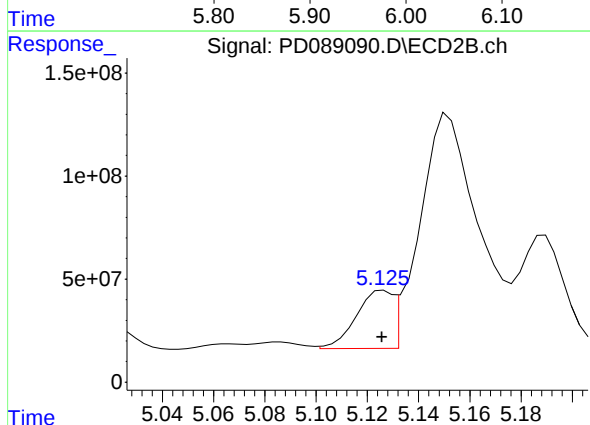
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 265045874
Conc: 55.35 ng/ml

Instrument :
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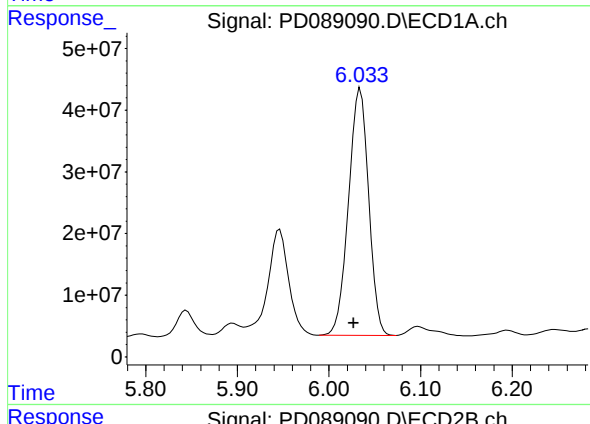
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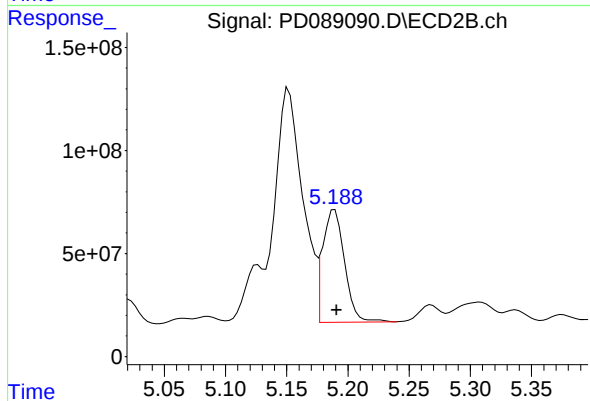
#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 279050383
Conc: 11.66 ng/ml



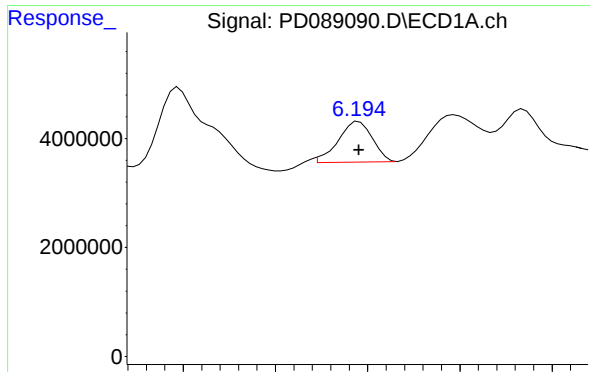
#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.008 min
Response: 612706740
Conc: 126.63 ng/ml



#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 683591759
Conc: 29.86 ng/ml



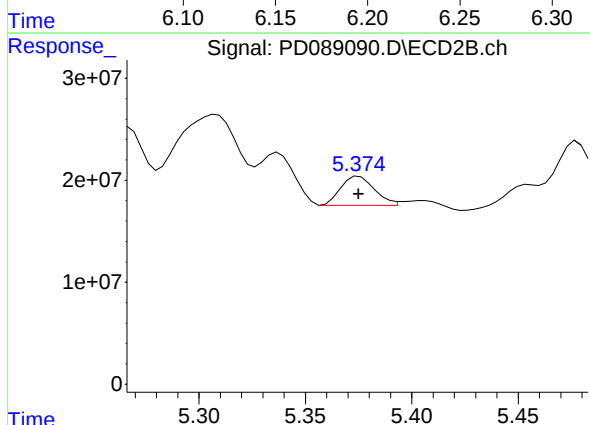
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.001 min
Response: 9525989
Conc: 2.18 ng/ml

Instrument :
ECD_D
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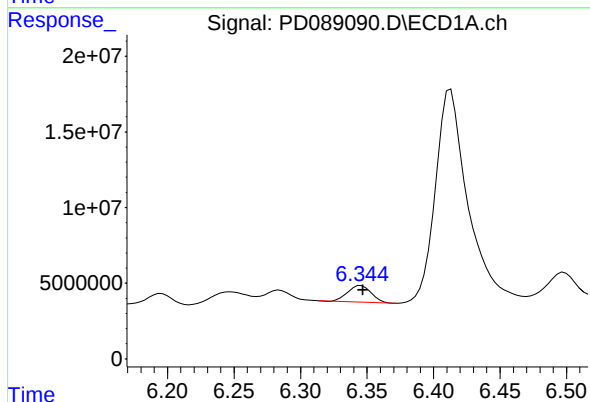
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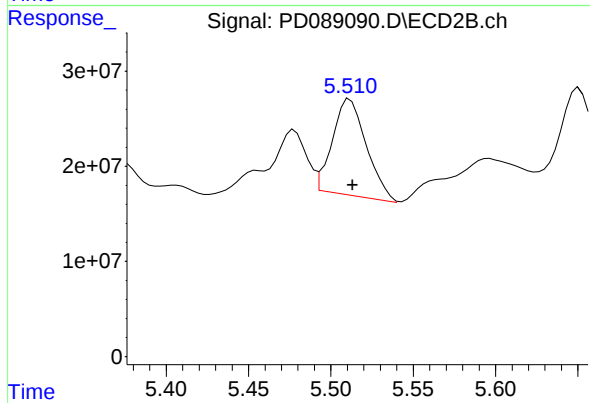
#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 32335583
Conc: 1.41 ng/ml



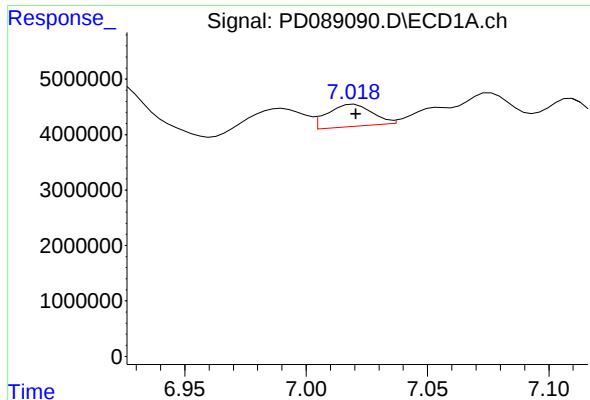
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.001 min
Response: 13426893
Conc: 2.80 ng/ml



#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 143253509
Conc: 6.17 ng/ml



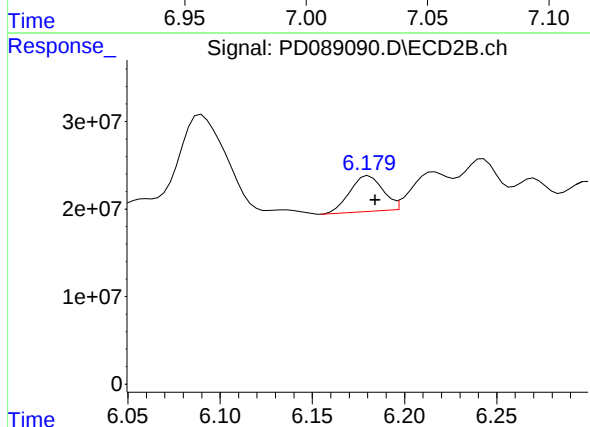
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 5150028
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
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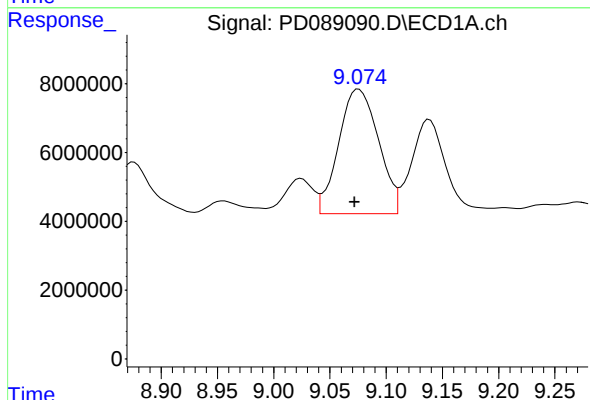
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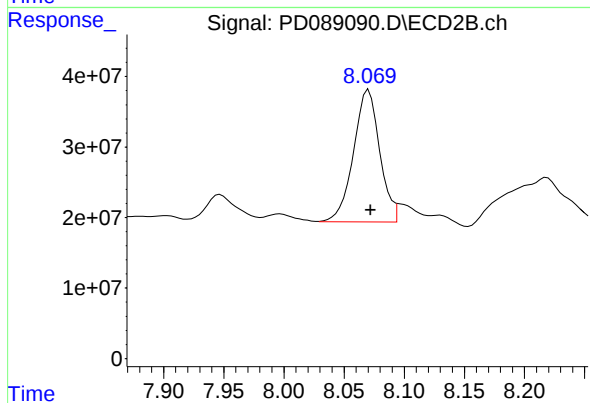
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 50700255
Conc: 2.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 90341832
Conc: 23.00 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 288792875
Conc: 14.61 ng/ml m