

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043025\
 Data File : PD088349.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2025 11:22
 Operator : AR\AJ
 Sample : Q1902-02DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 343DL

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 00:21:45 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...	3.551	2.880	14957614	112.4E6	7.489	7.690m
2) SA Decachlor...	9.075	8.071	29224533	113.6E6	8.834m	6.147m#
Target Compounds						
8) B Heptachlo...	5.690	4.873	7699237	85360626	2.154m	4.518 #
10) B gamma-Chl...	5.946	5.127	19814901	82137060	5.471m	4.047m#
11) B alpha-Chl...	6.033	5.191	50864500	112.3E6	14.092m	5.727m#
12) B 4,4'-DDE	6.197	5.377	194.7E6	1200.1E6	59.034m	60.940
13) MA Dieldrin	6.348	5.513	19292591	219.6E6	5.406m	11.019m#
17) MA 4,4'-DDT	7.021	6.186	96004622	534.9E6	34.565m	31.433

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

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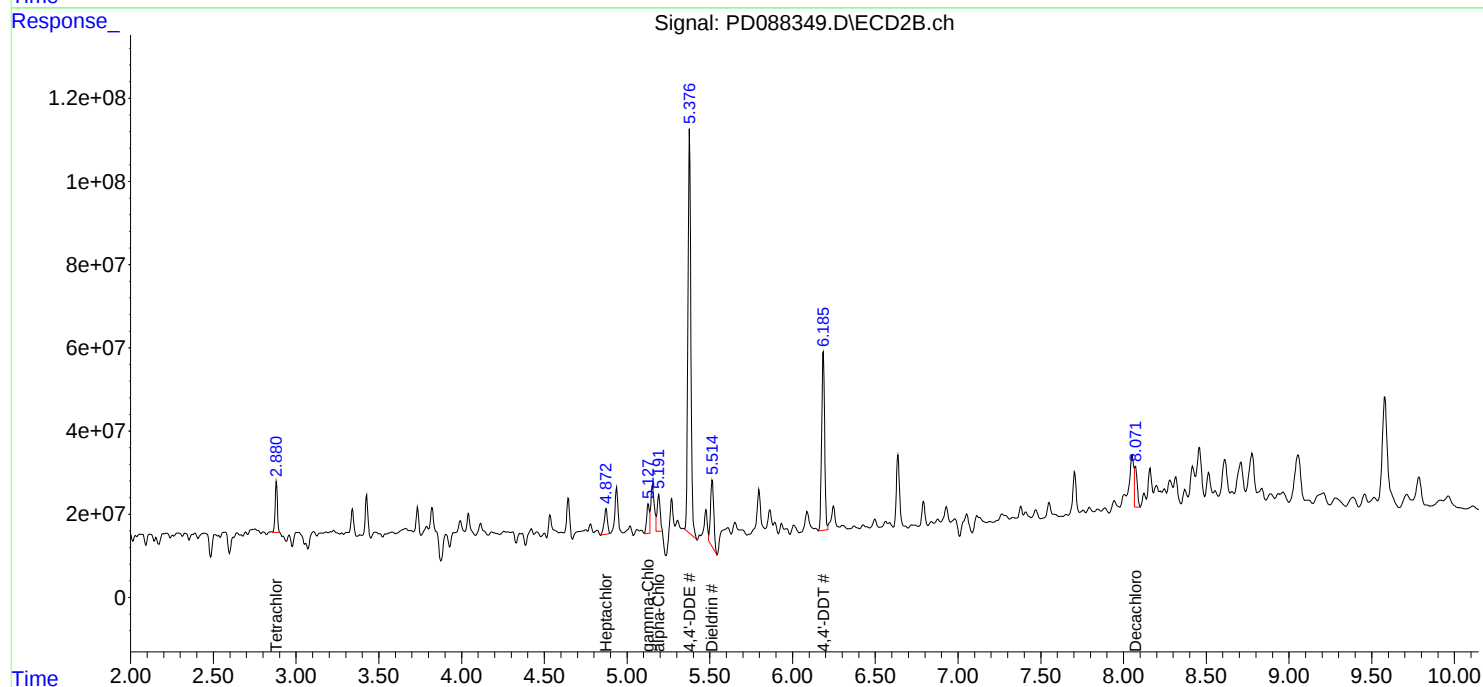
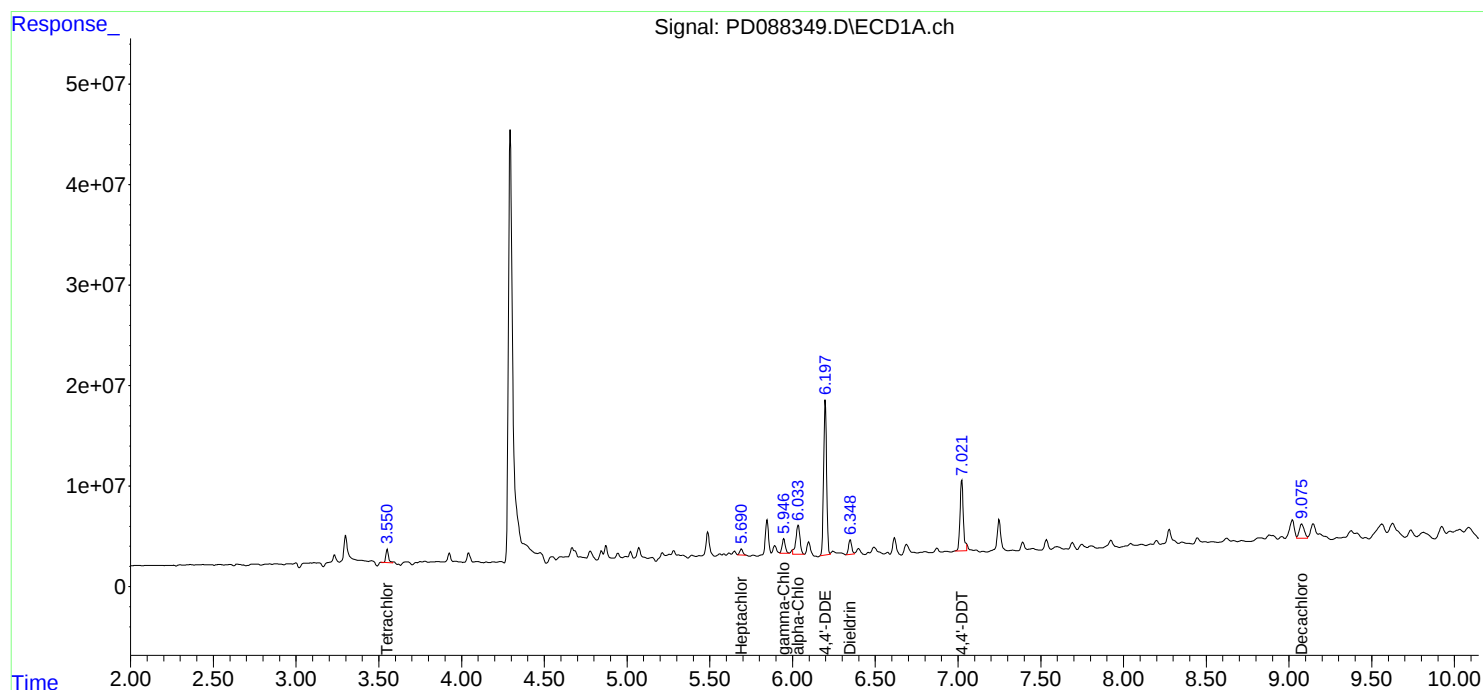
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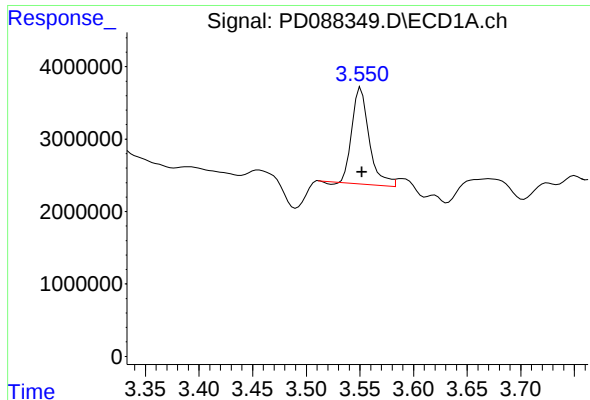
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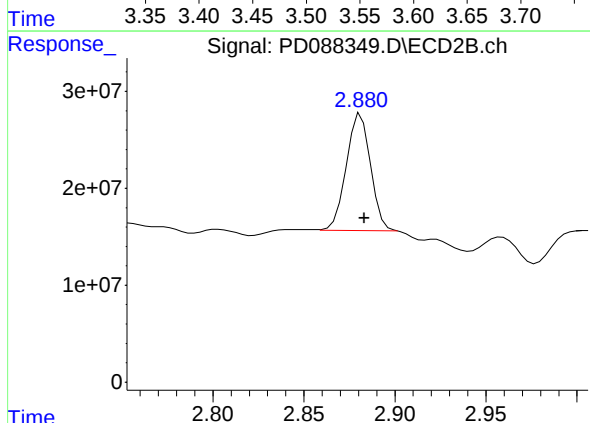
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 14957614
Conc: 7.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
343DL

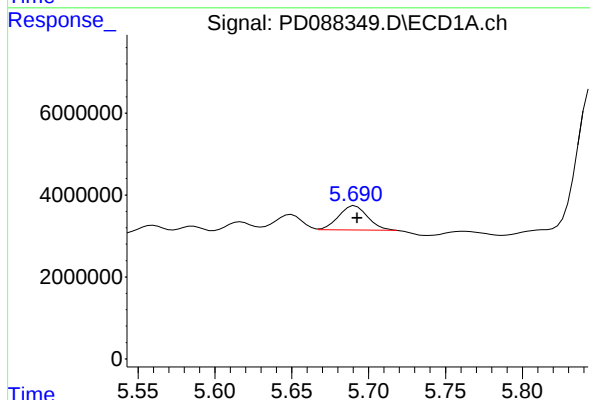
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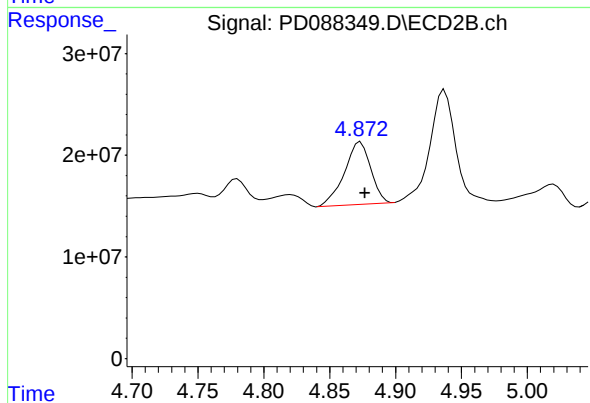
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.003 min
Response: 112433612
Conc: 7.69 ng/ml m



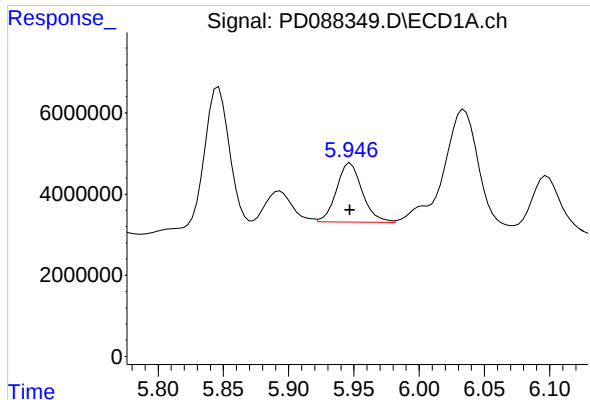
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 7699237
Conc: 2.15 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: -0.003 min
Response: 85360626
Conc: 4.52 ng/ml



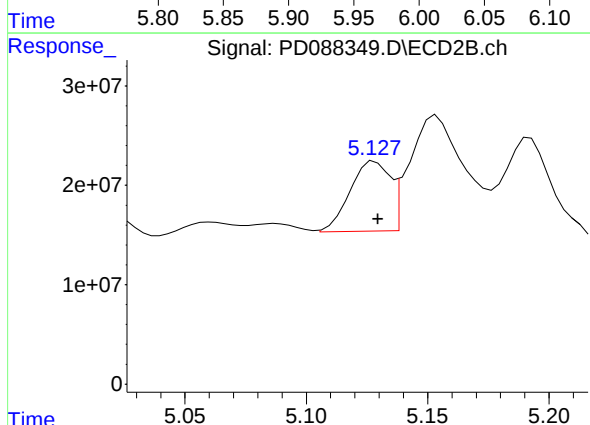
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 19814901
Conc: 5.47 ng/ml

Instrument :
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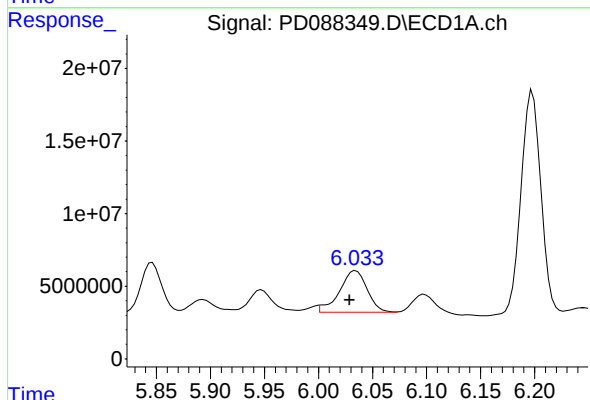
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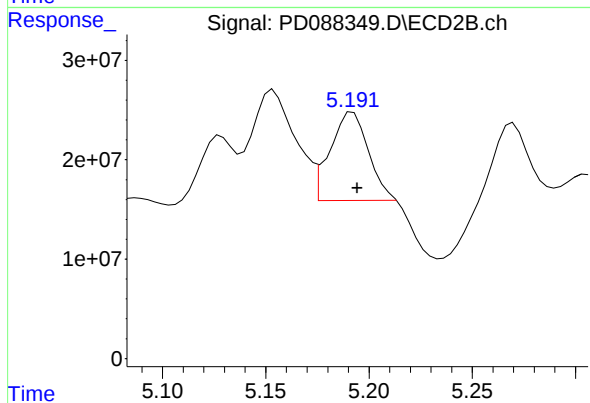
#10 gamma-Chlordane

R.T.: 5.127 min
Delta R.T.: -0.003 min
Response: 82137060
Conc: 4.05 ng/ml m



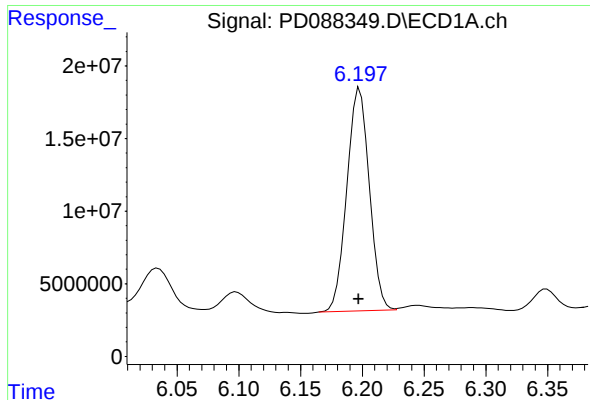
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.005 min
Response: 50864500
Conc: 14.09 ng/ml m



#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.004 min
Response: 112262854
Conc: 5.73 ng/ml m



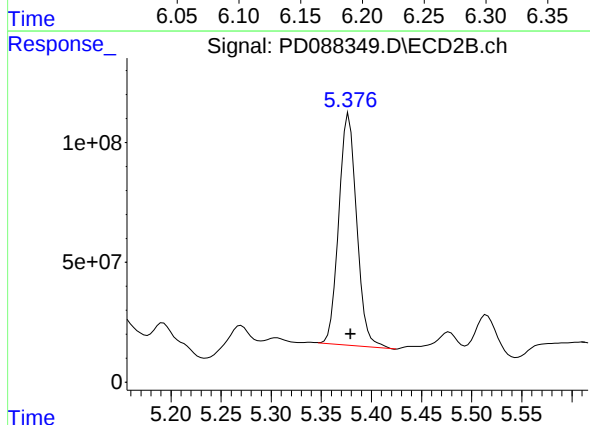
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 194709981
Conc: 59.03 ng/ml

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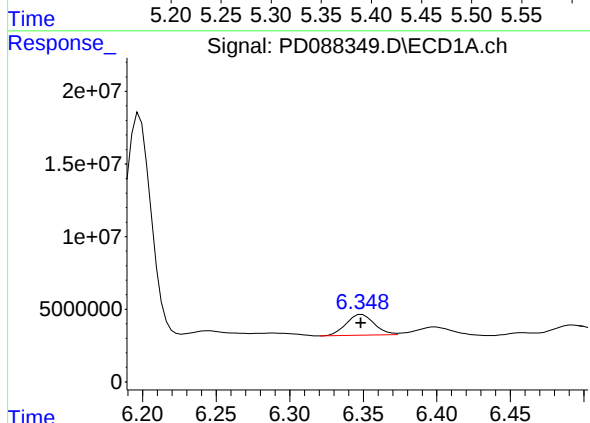
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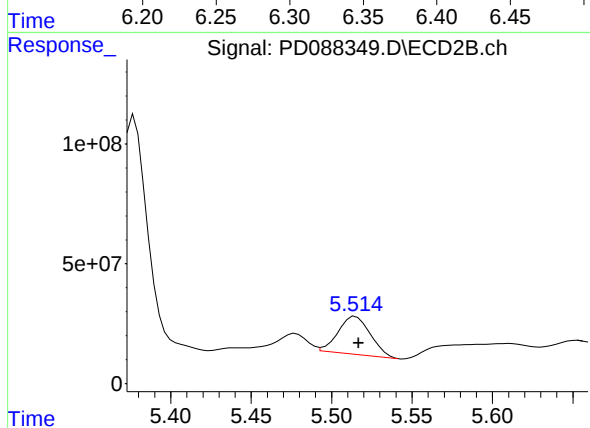
#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 1200145609
Conc: 60.94 ng/ml



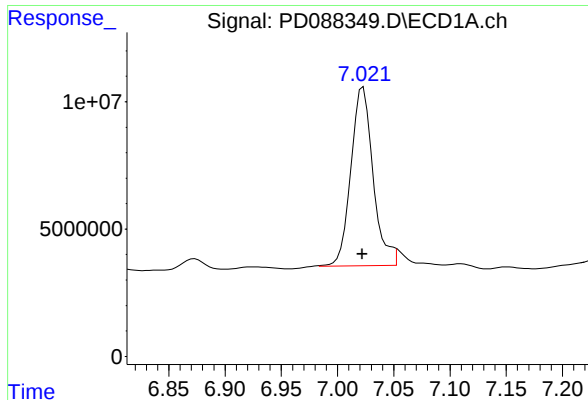
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 19292591
Conc: 5.41 ng/ml m



#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: -0.003 min
Response: 219638175
Conc: 11.02 ng/ml m



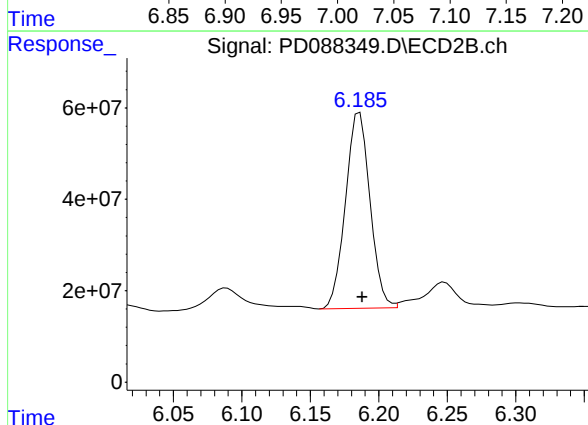
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 96004622
Conc: 34.56 ng/ml

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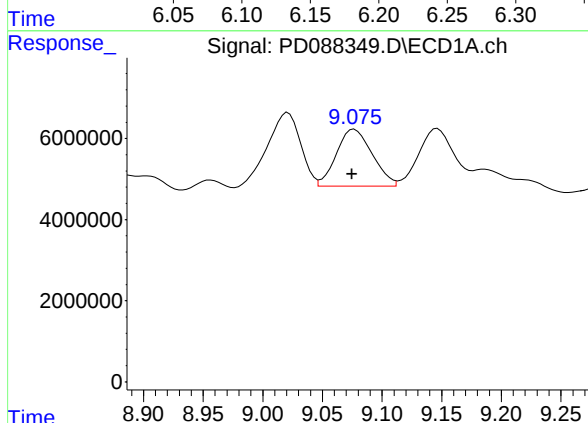
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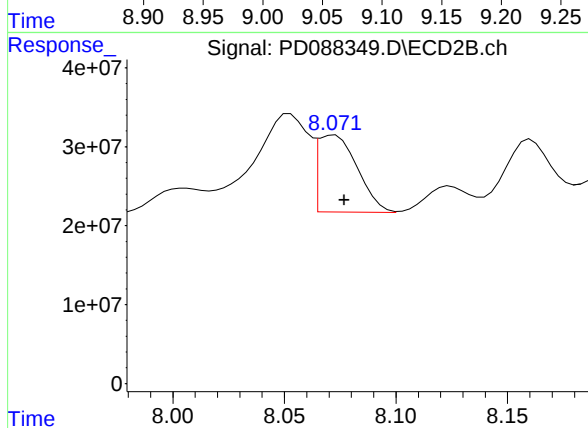
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 534874635
Conc: 31.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 29224533
Conc: 8.83 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.006 min
Response: 113602060
Conc: 6.15 ng/ml m