

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
 Data File : PD088920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 14:59
 Operator : AR\AJ
 Sample : Q2280-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-210

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 07:40:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.547	2.879	54953181	282.3E6	25.397m	18.661 #
28) SA Decachlor...	9.070	8.069	64004084	323.6E6	18.702m	17.726m
Target Compounds						
8) B Heptachlo...	5.687	4.870	4197271	20426767	1.057m	1.028m
10) B gamma-Chl...	5.944	5.124	25144055	31998282	6.303m	1.500m#
11) B alpha-Chl...	6.034	5.188	70706666	135.1E6	17.649	6.550m#
12) B 4,4'-DDE	6.194	5.375	10298657	79810120	2.869m	3.818 #
13) MA Dieldrin	6.346	5.510	5707918	46401355	1.423	2.205m#
17) MA 4,4'-DDT	7.020	6.182	20171646	129.9E6	6.461	7.160

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

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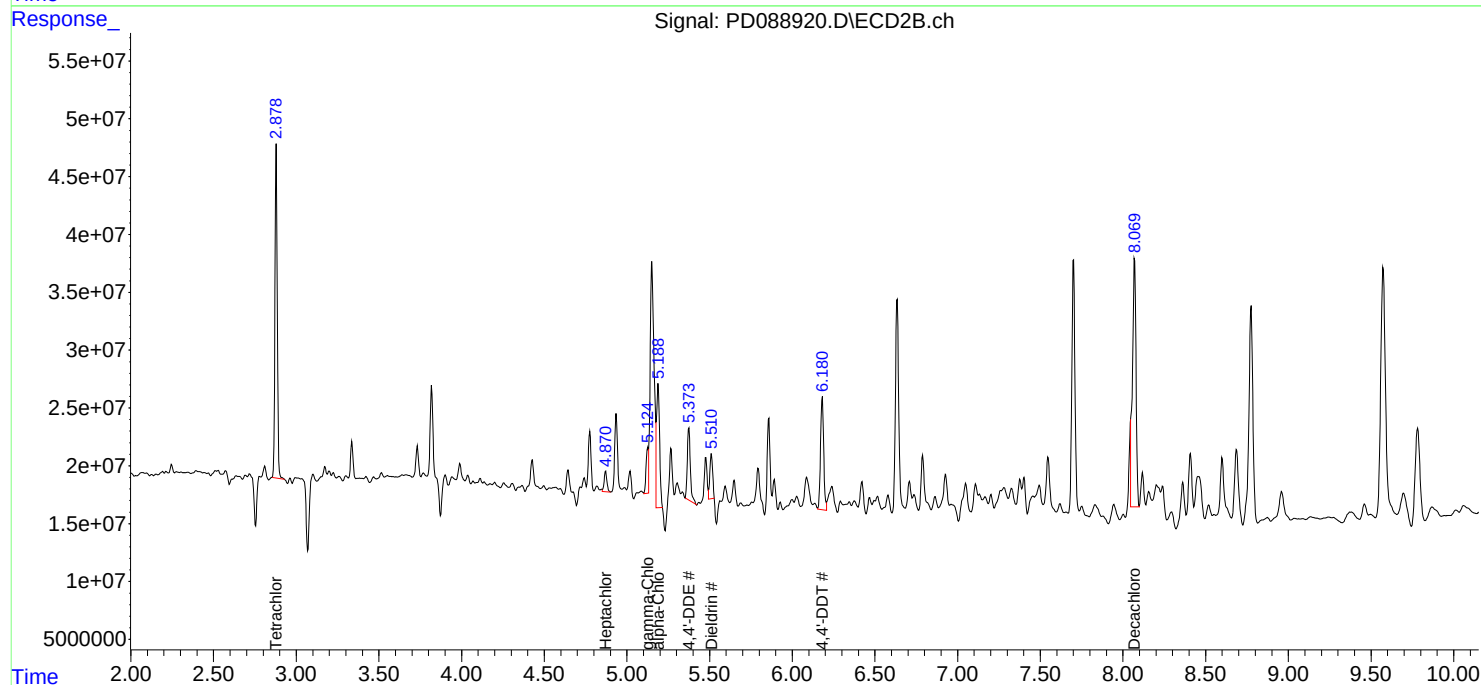
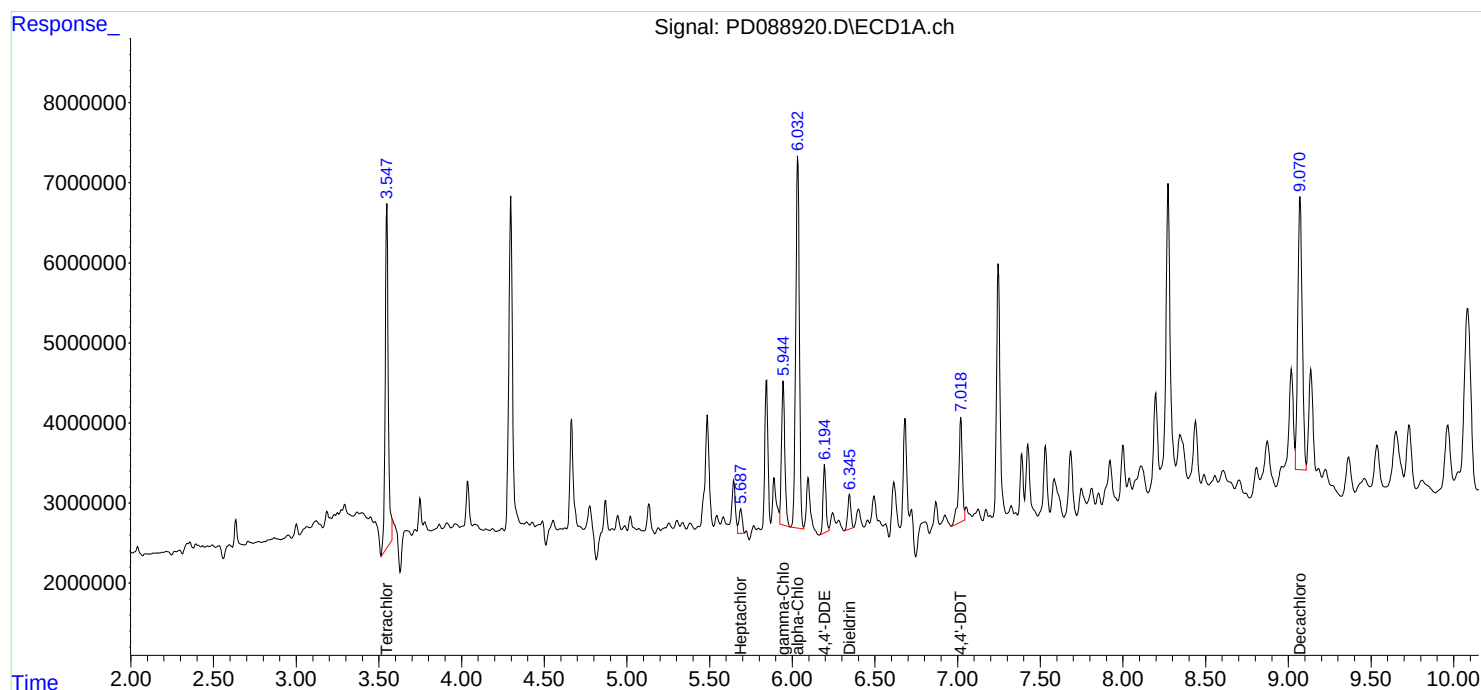
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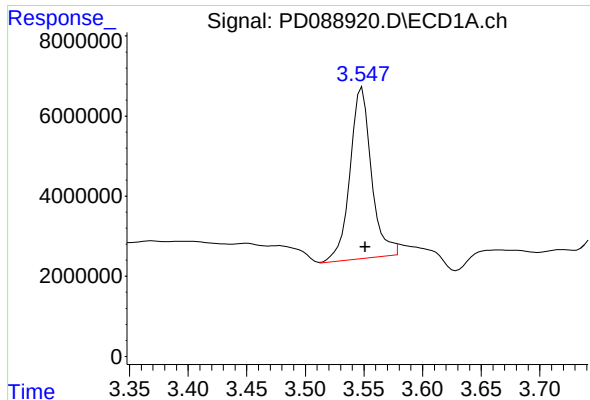
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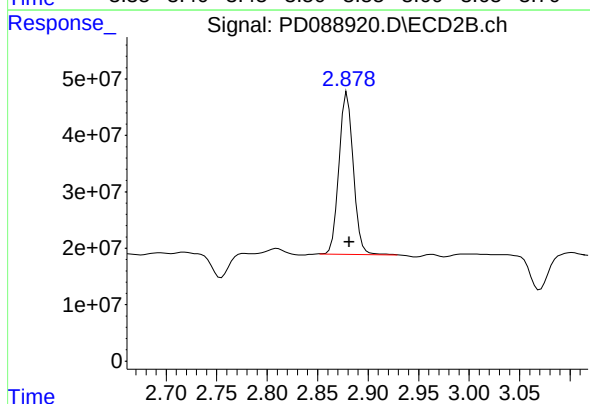
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: -0.004 min
Response: 54953181
Conc: 25.40 ng/ml

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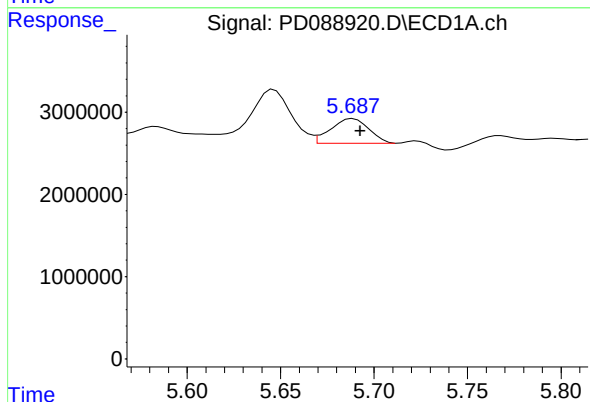
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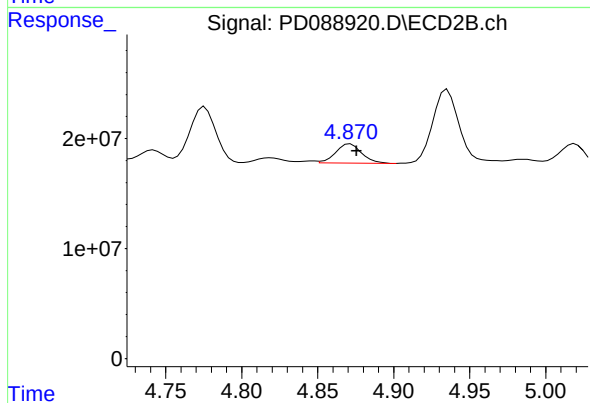
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 282275996
Conc: 18.66 ng/ml



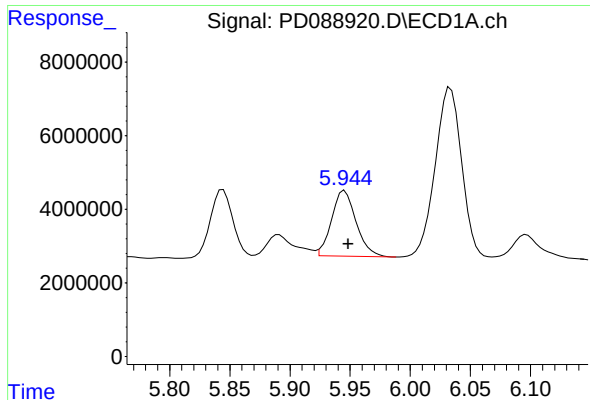
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.005 min
Response: 4197271
Conc: 1.06 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.870 min
Delta R.T.: -0.005 min
Response: 20426767
Conc: 1.03 ng/ml m



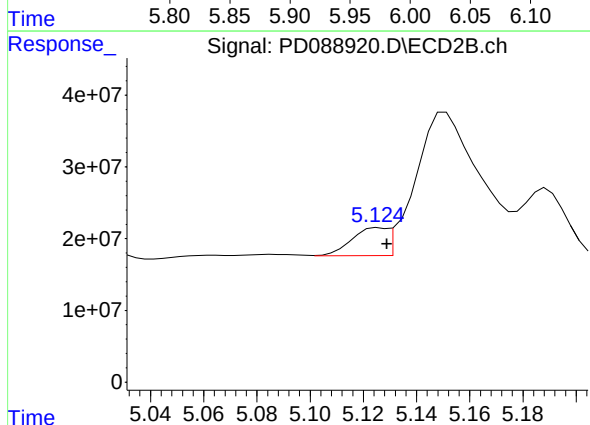
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 25144055
Conc: 6.30 ng/ml

Instrument :
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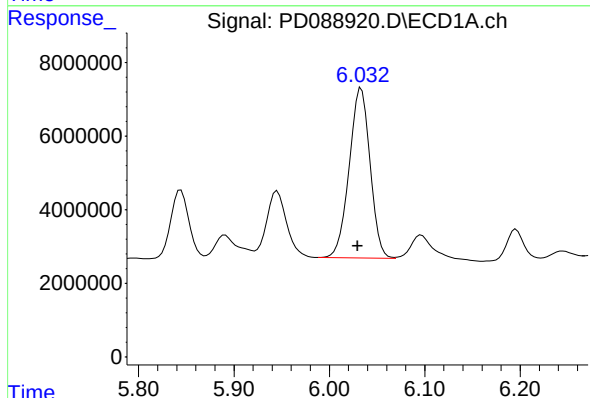
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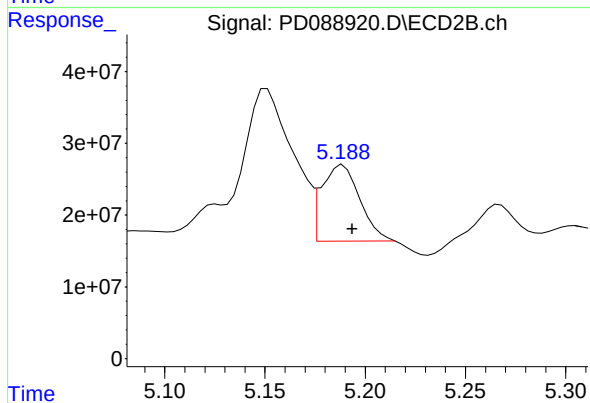
#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.004 min
Response: 31998282
Conc: 1.50 ng/ml



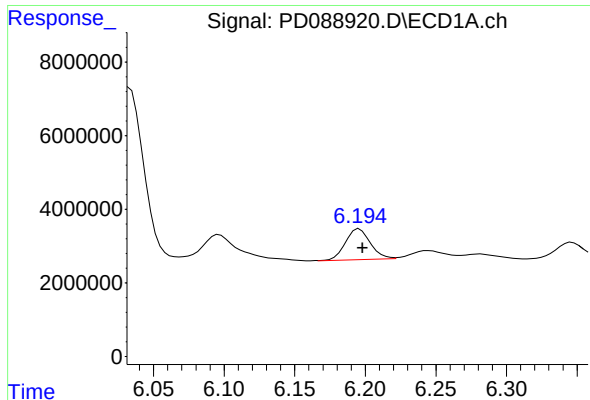
#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.004 min
Response: 70706666
Conc: 17.65 ng/ml



#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.006 min
Response: 135094871
Conc: 6.55 ng/ml



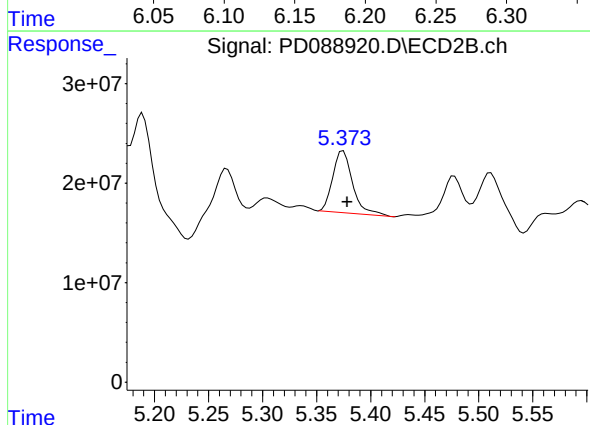
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.004 min
Response: 10298657
Conc: 2.87 ng/ml

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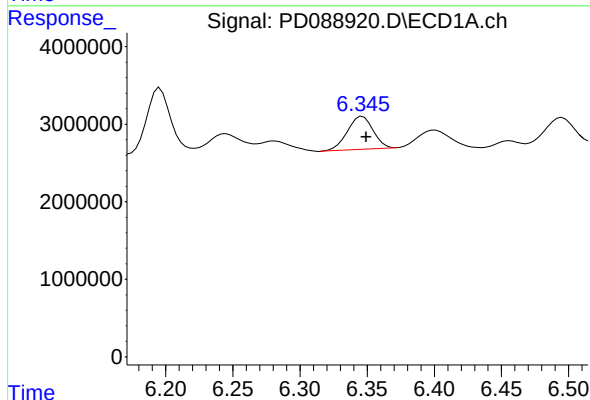
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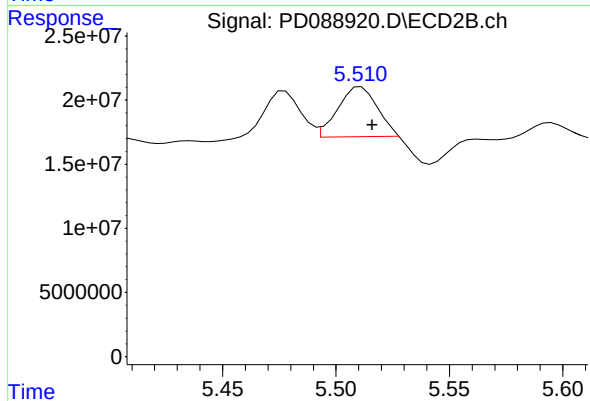
#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 79810120
Conc: 3.82 ng/ml



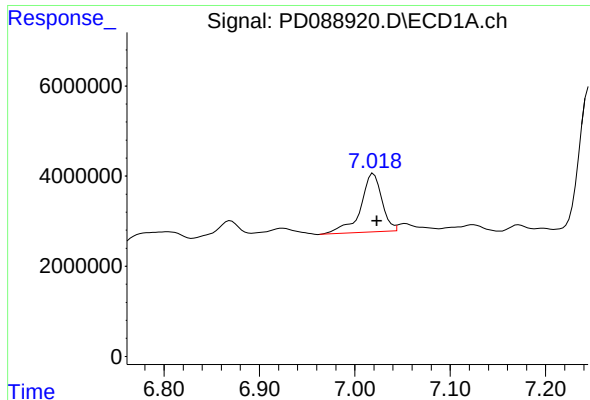
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 5707918
Conc: 1.42 ng/ml



#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.006 min
Response: 46401355
Conc: 2.20 ng/ml m



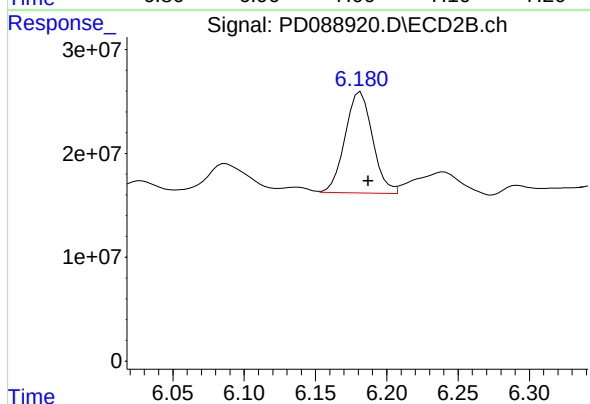
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 20171646
Conc: 6.46 ng/ml

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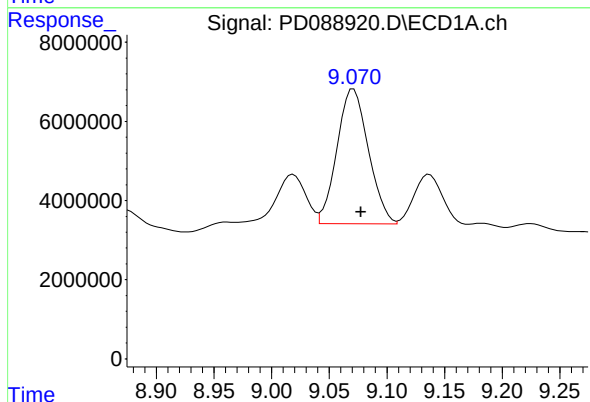
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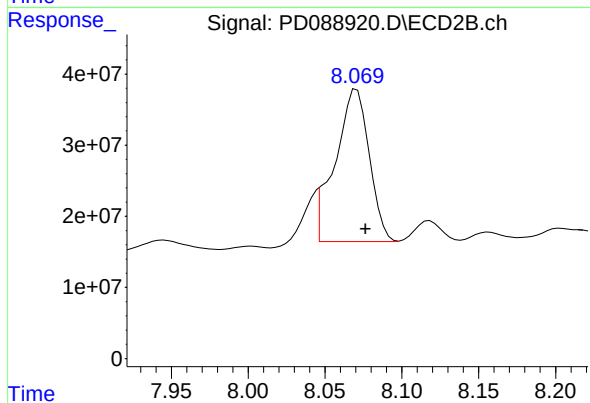
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.005 min
Response: 129856827
Conc: 7.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: -0.008 min
Response: 64004084
Conc: 18.70 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: -0.007 min
Response: 323608715
Conc: 17.73 ng/ml m