

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051325\
 Data File : PD088507.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 11:43
 Operator : AR\AJ
 Sample : Q1983-01DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OR-636-COMP-01DL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/14/2025
 Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 12:10:25 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 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...	3.552	2.883	20054898	133.6E6	10.041	9.135
28) SA Decachlor...	9.073	8.072	26916315	129.9E6	8.136m	7.032m
Target Compounds						
4) MA Heptachlor	4.932	4.084	7053424	31788886	1.746m	1.486m
8) B Heptachlor...	5.688	4.874	64354090	231.9E6	18.006m	12.274 #
10) B gamma-Chl...	5.945	5.126	231.7E6	988.3E6	63.975m	48.695m
11) B alpha-Chl...	6.029	5.191	335.4E6	1089.8E6	92.908m	55.596m#
12) B 4,4'-DDE	6.195	5.376	12976714	88074730	3.934m	4.472m
13) MA Dieldrin	6.348	5.514	20647336	199.2E6	5.786	9.994 #
17) MA 4,4'-DDT	7.021	6.185	8424100	73127412	3.033	4.297 #

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

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Acq On : 13 May 2025 11:43
Operator : AR\AJ
Sample : Q1983-01DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

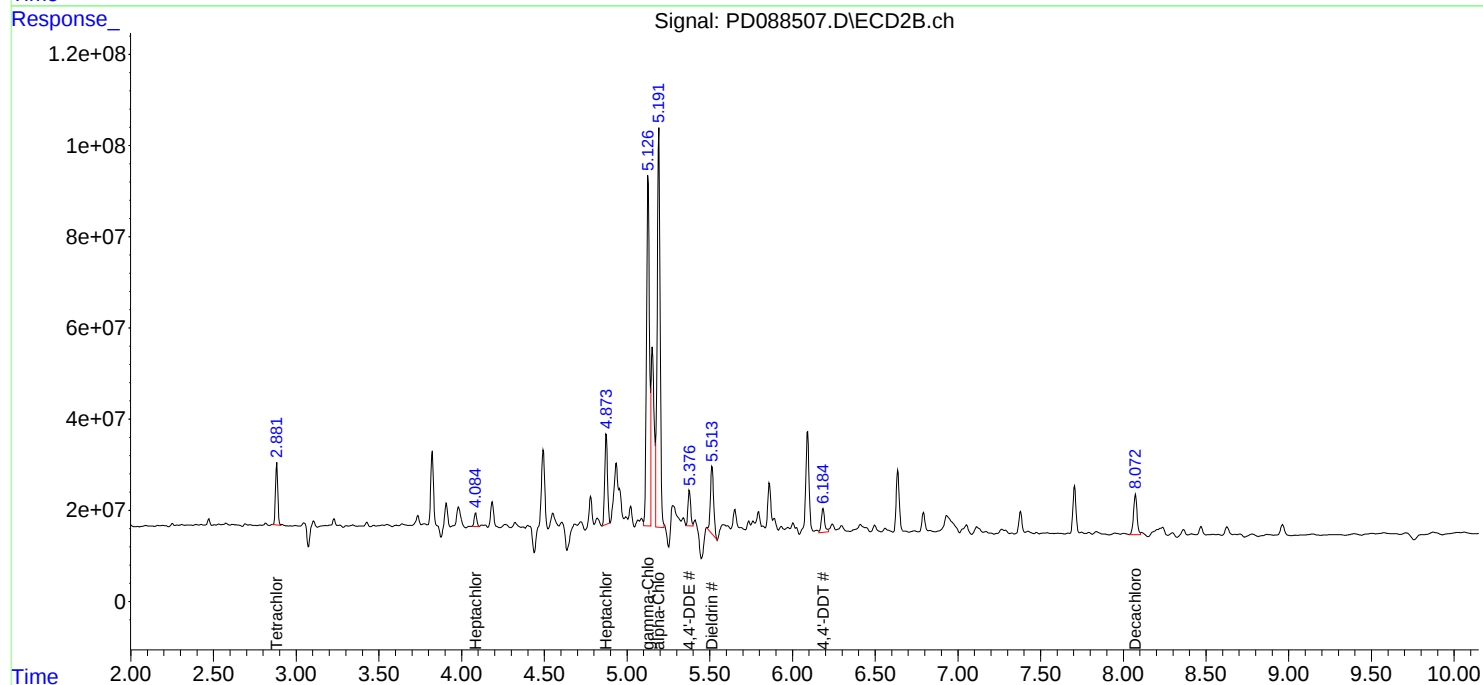
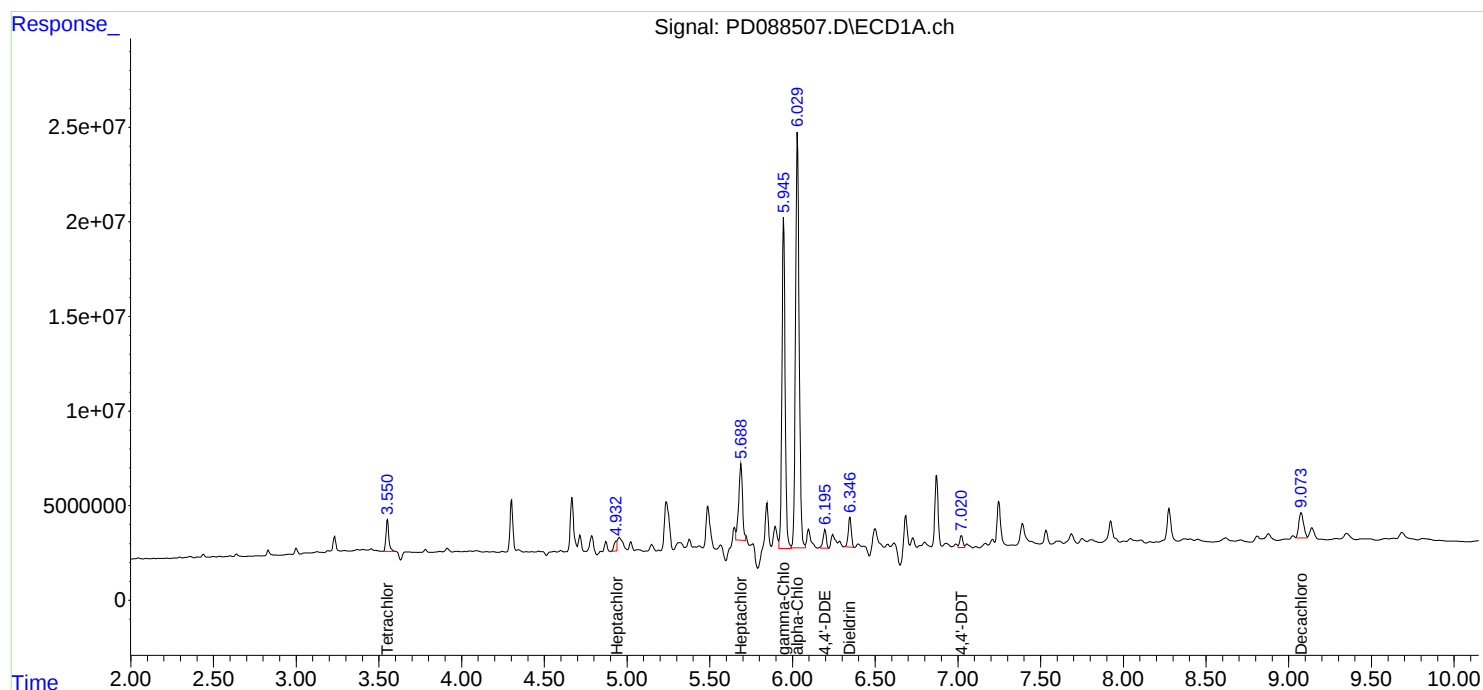
Instrument :
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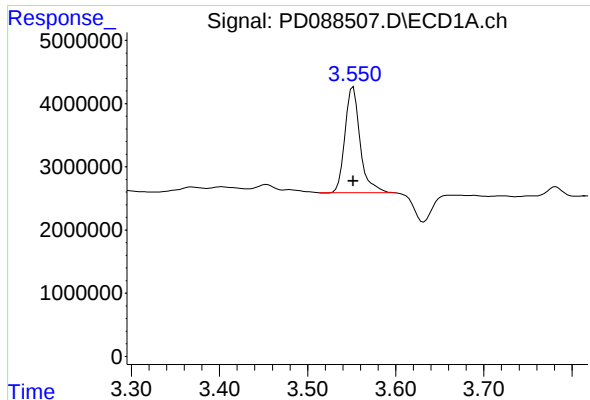
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
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Integrator: ChemStation

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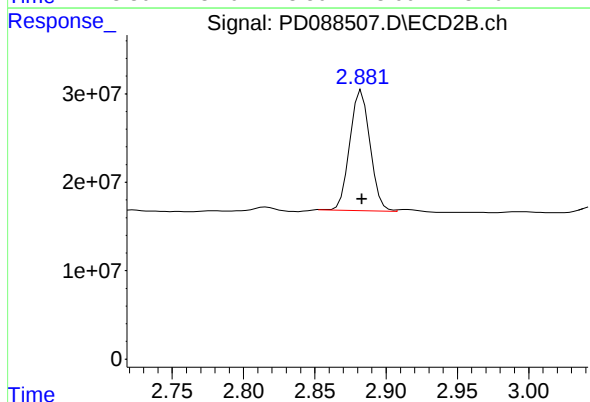
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 20054898
Conc: 10.04 ng/ml

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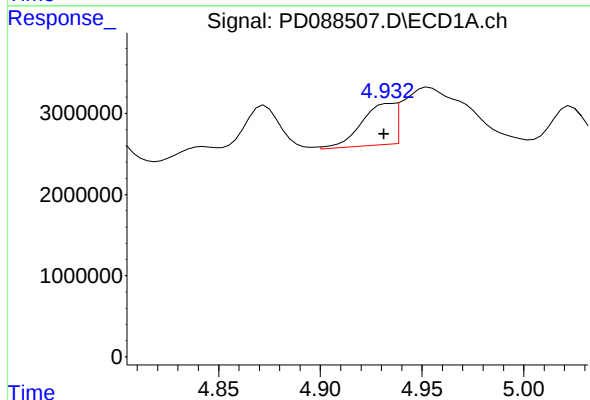
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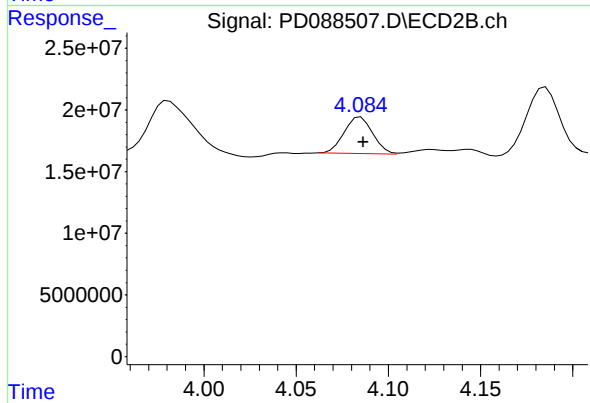
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 133564869
Conc: 9.13 ng/ml



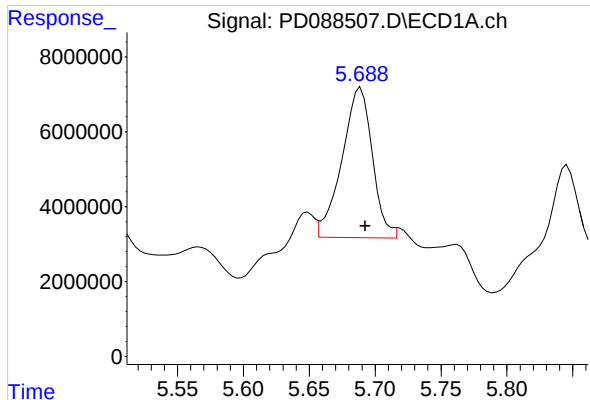
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 7053424
Conc: 1.75 ng/ml m



#4 Heptachlor

R.T.: 4.084 min
Delta R.T.: -0.003 min
Response: 31788886
Conc: 1.49 ng/ml m



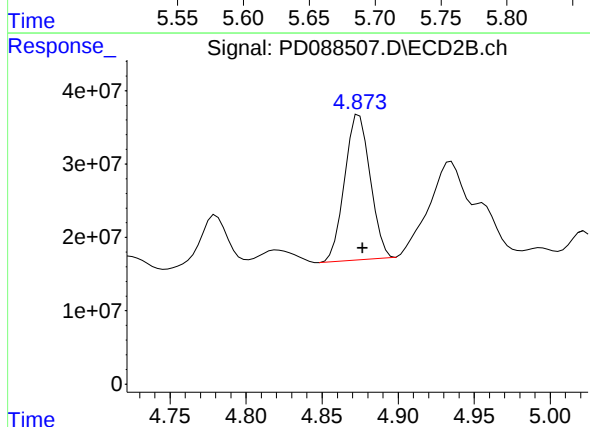
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 64354090
Conc: 18.01 ng/ml

Instrument :
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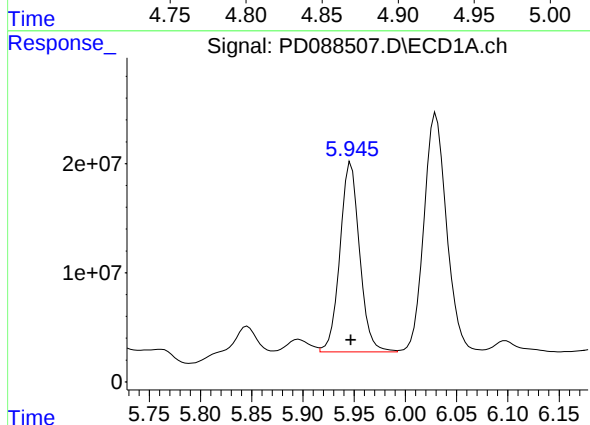
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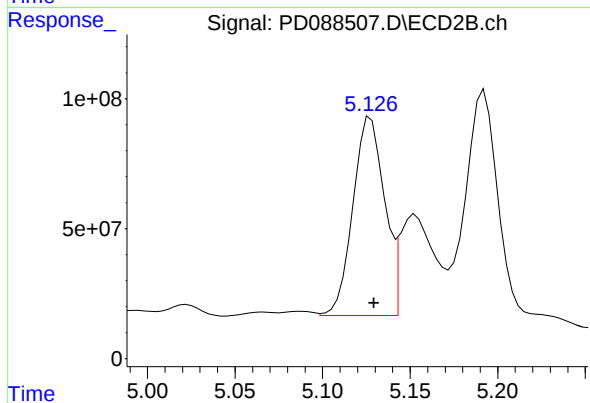
#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 231912468
Conc: 12.27 ng/ml



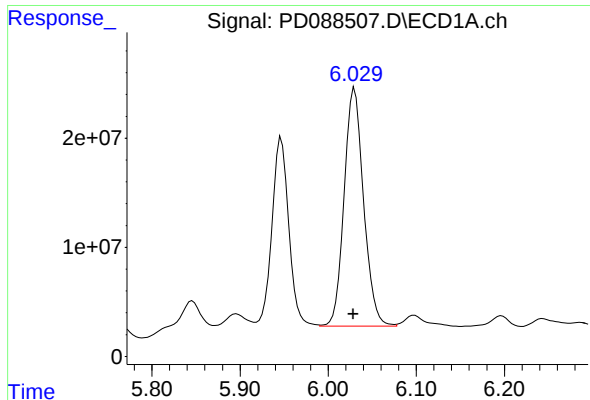
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 231720019
Conc: 63.97 ng/ml m



#10 gamma-Chlordane

R.T.: 5.126 min
Delta R.T.: -0.003 min
Response: 988311274
Conc: 48.69 ng/ml m



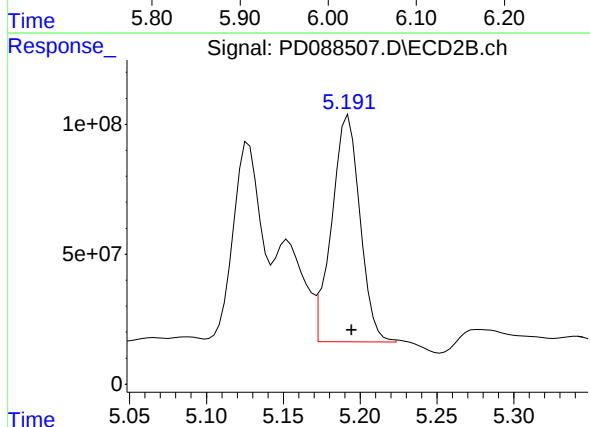
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 335356785
Conc: 92.91 ng/ml

Instrument :
ECD_D
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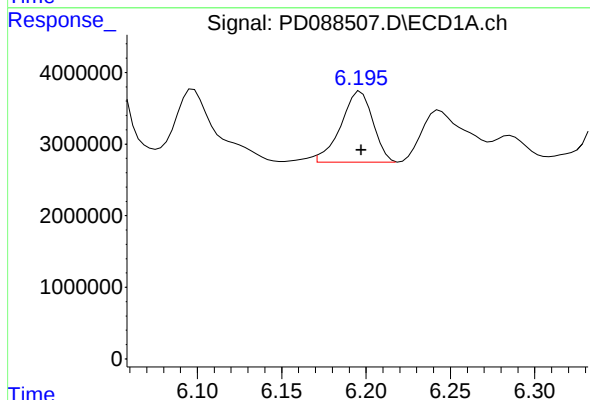
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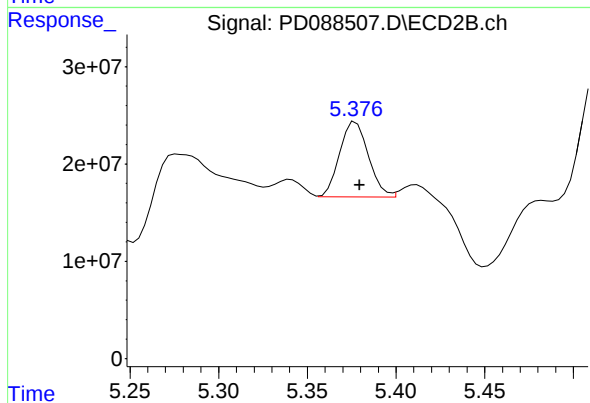
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 1089845458
Conc: 55.60 ng/ml



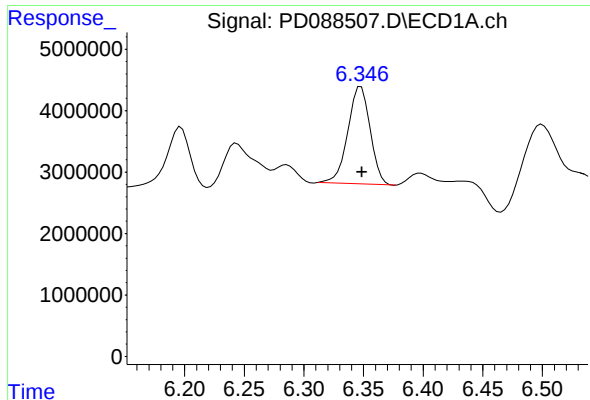
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 12976714
Conc: 3.93 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.004 min
Response: 88074730
Conc: 4.47 ng/ml



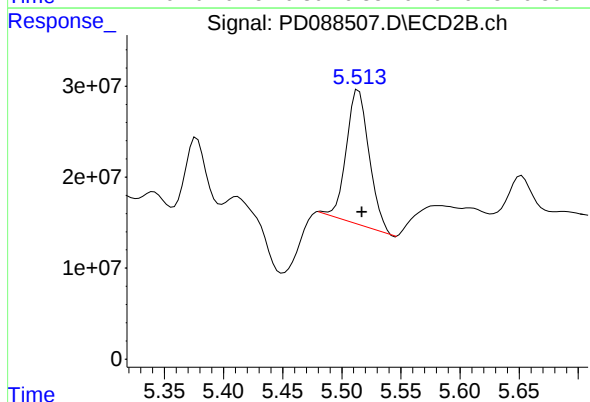
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 20647336
Conc: 5.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
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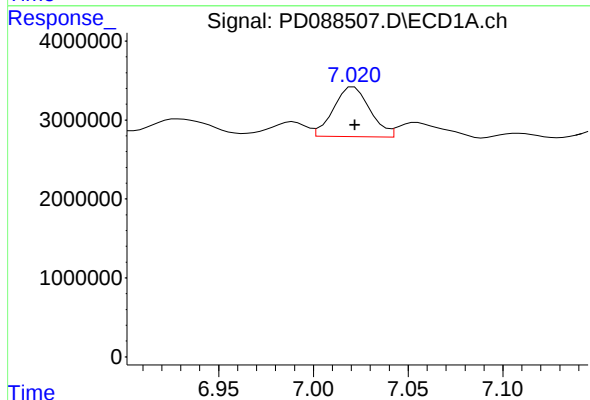
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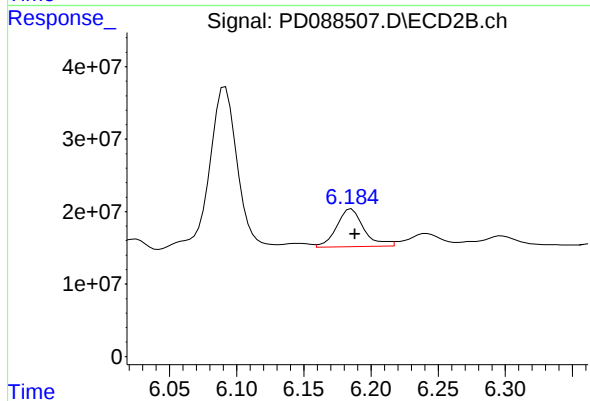
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.003 min
Response: 199202310
Conc: 9.99 ng/ml



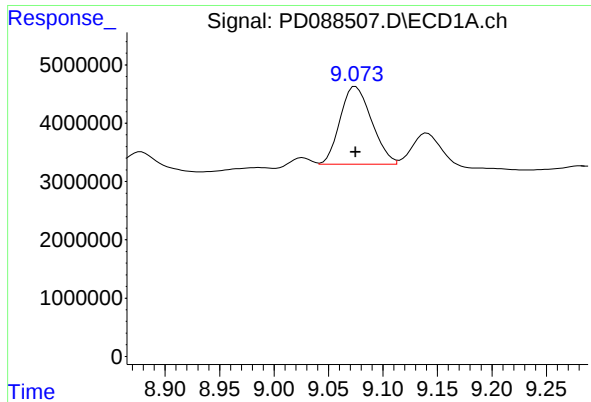
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 8424100
Conc: 3.03 ng/ml



#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 73127412
Conc: 4.30 ng/ml



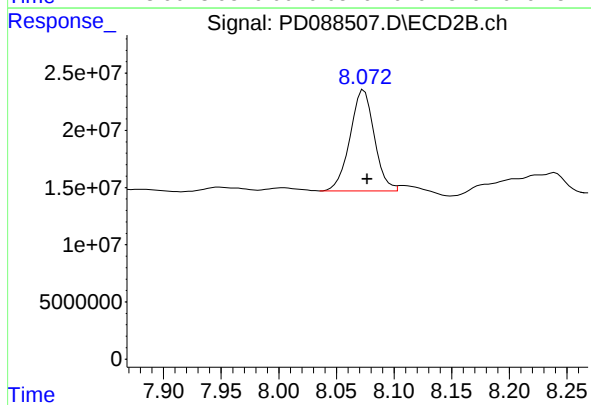
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.001 min
Response: 26916315
Conc: 8.14 ng/ml

Instrument :
ECD_D
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#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 129943550
Conc: 7.03 ng/ml m