

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
 Data File : PD088469.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 16:11
 Operator : AR\AJ
 Sample : Q2007-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OR-636-COMP-11

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:25:58 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	2.882	41209785	285.3E6	20.632	19.510
28) SA Decachlor...	9.073	8.074	64531079	296.3E6	19.507	16.035
Target Compounds						
5) MB Aldrin	5.269	4.369	3361190	18814303	0.851m	0.904m
8) B Heptachlo...	5.688	4.874	3169595	14962662	0.887m	0.792
10) B gamma-Chl...	5.945	5.128	9538820	102.3E6	2.634m	5.042 #
11) B alpha-Chl...	6.030	5.194	13642429	55732631	3.780	2.843
12) B 4,4'-DDE	6.195	5.377	47186824	318.3E6	14.307	16.164
13) MA Dieldrin	6.346	5.513	328.3E6	1535.9E6	92.000m	77.053m
16) A 4,4'-DDD	6.705	5.930	127.9E6	673.1E6	50.863	41.080m
17) MA 4,4'-DDT	7.021	6.185	14655550	95376245	5.276	5.605

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

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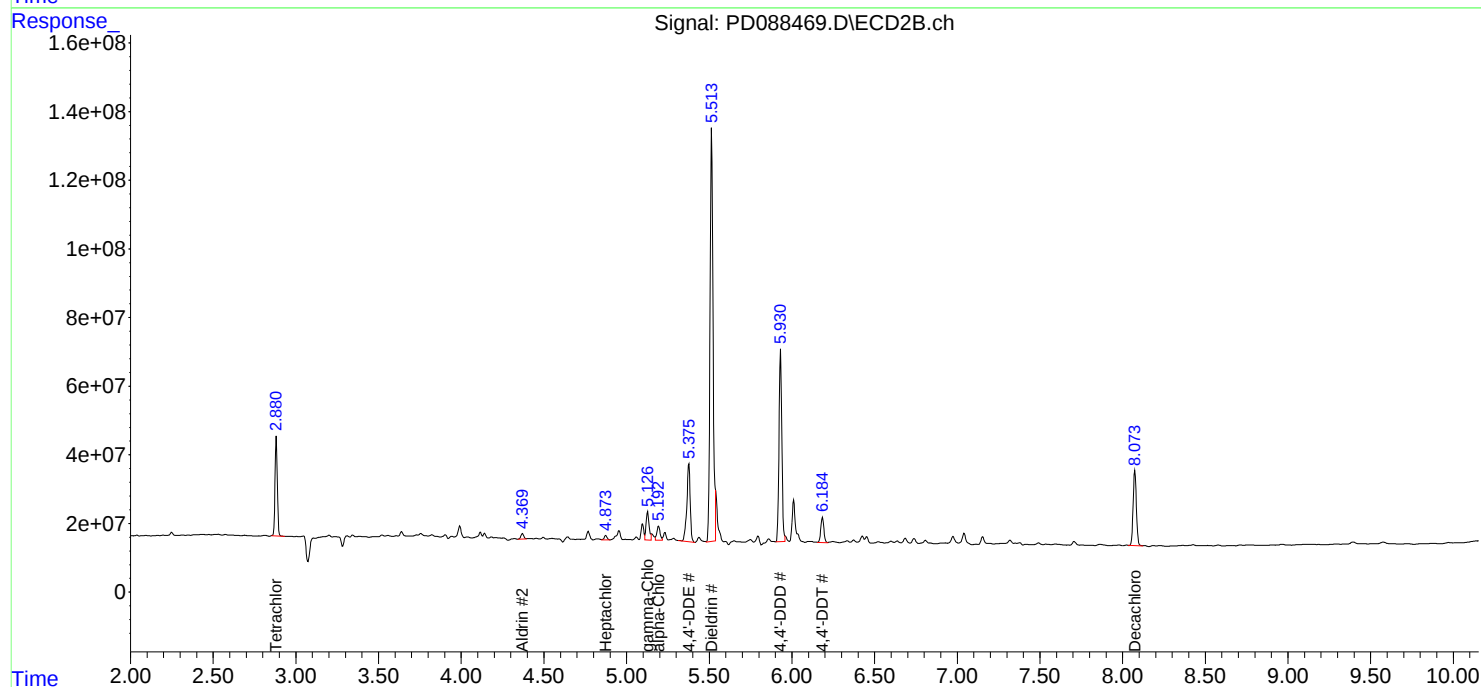
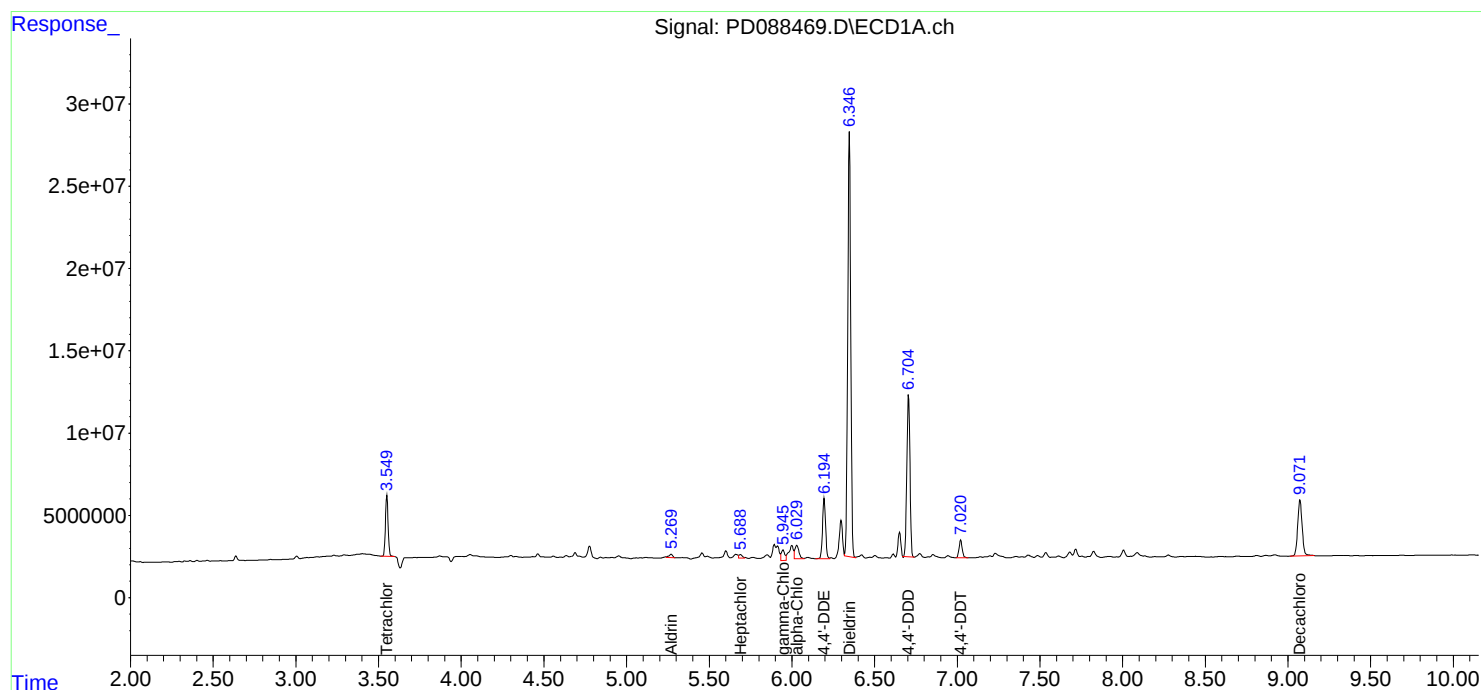
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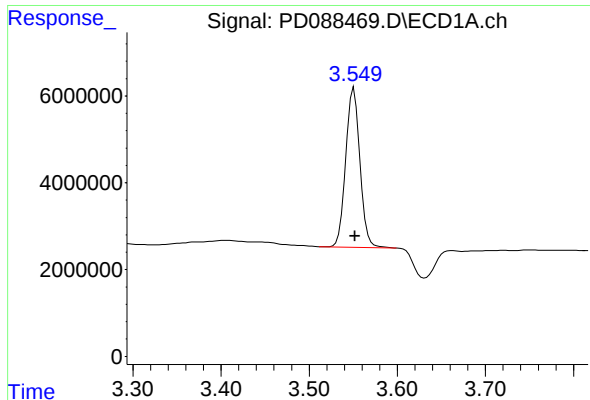
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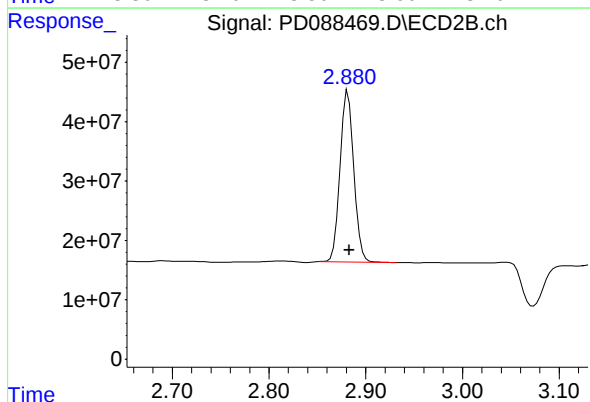
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 41209785
Conc: 20.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-636-COMP-11

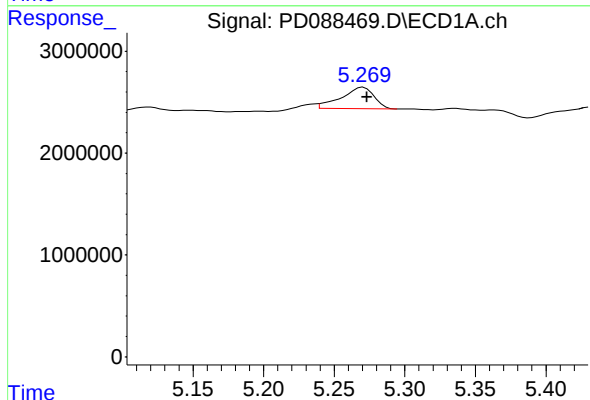
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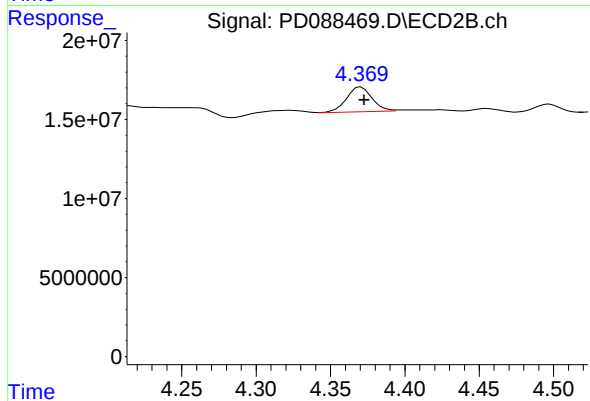
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 285266252
Conc: 19.51 ng/ml



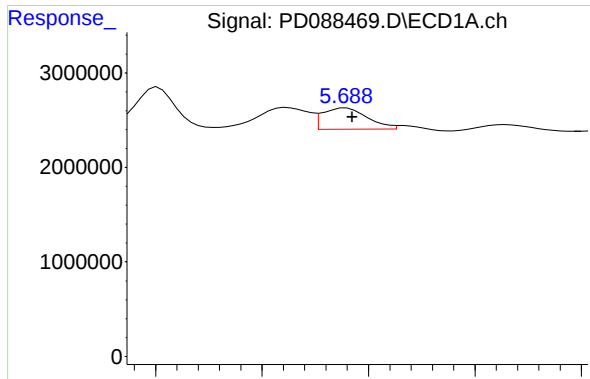
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.004 min
Response: 3361190
Conc: 0.85 ng/ml m



#5 Aldrin

R.T.: 4.369 min
Delta R.T.: -0.003 min
Response: 18814303
Conc: 0.90 ng/ml m



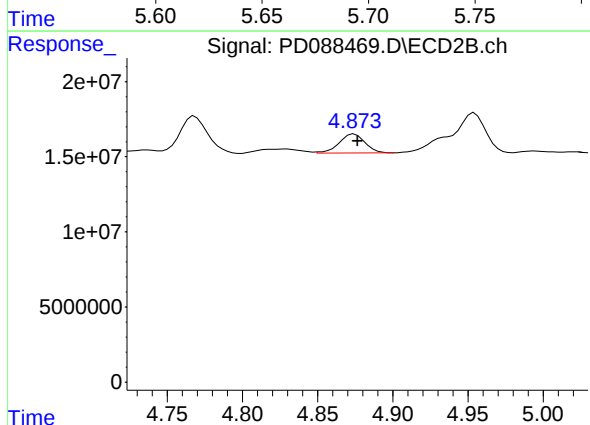
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 3169595
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
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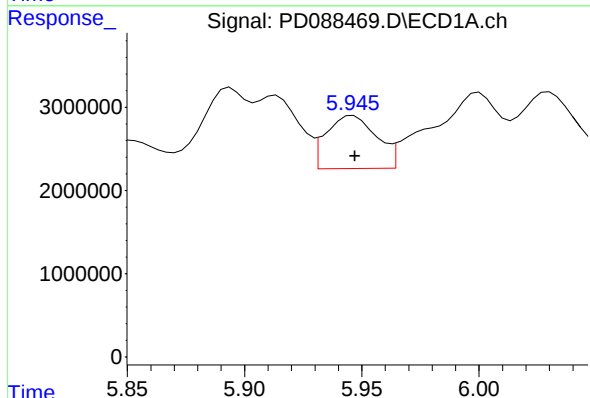
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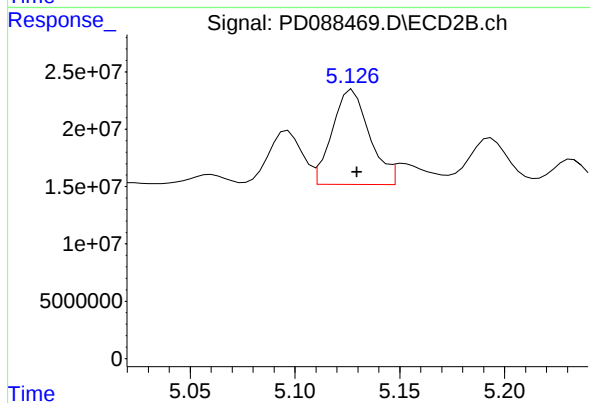
#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 14962662
Conc: 0.79 ng/ml



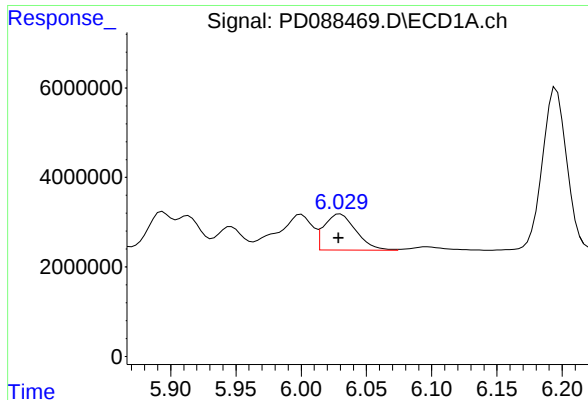
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 9538820
Conc: 2.63 ng/ml m



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 102339688
Conc: 5.04 ng/ml



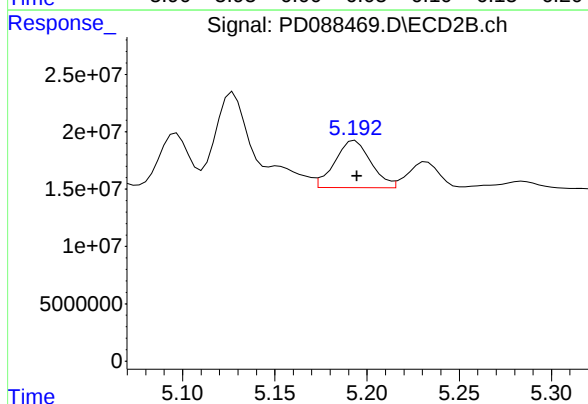
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 13642429
Conc: 3.78 ng/ml

Instrument :
ECD_D
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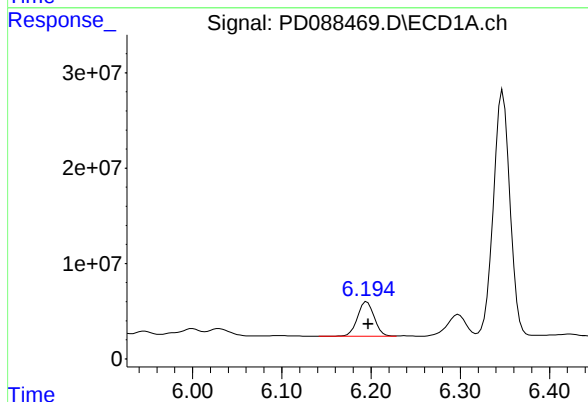
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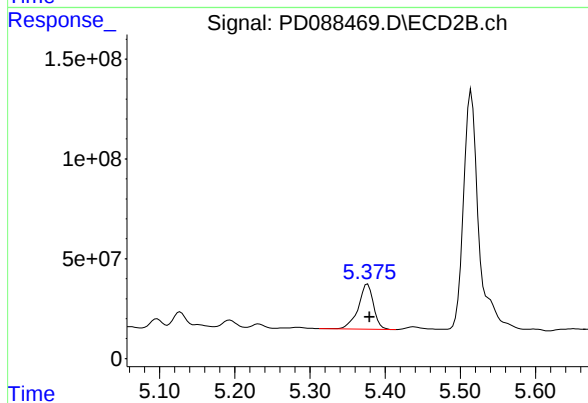
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 55732631
Conc: 2.84 ng/ml



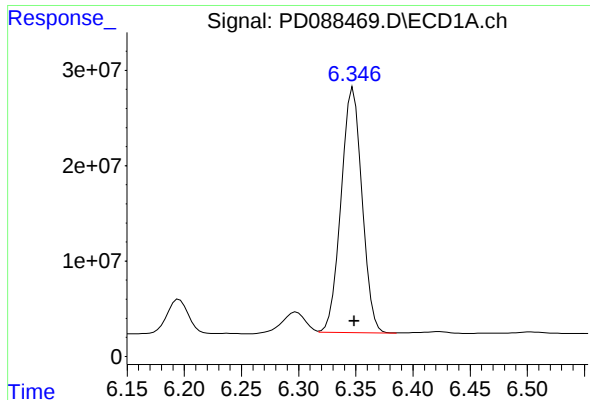
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 47186824
Conc: 14.31 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 318342764
Conc: 16.16 ng/ml



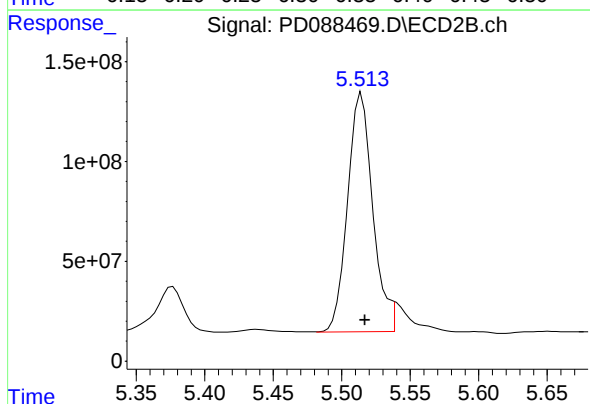
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.002 min
Response: 328300916
Conc: 92.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
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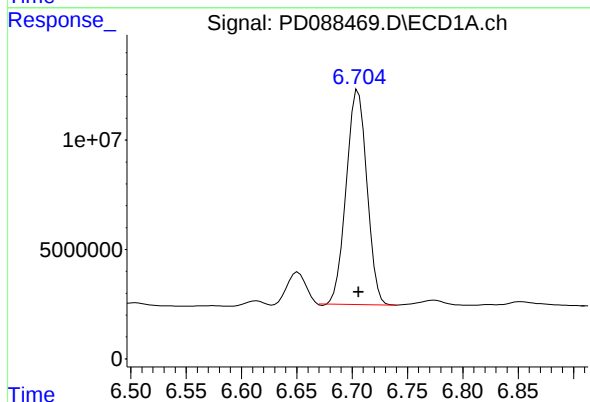
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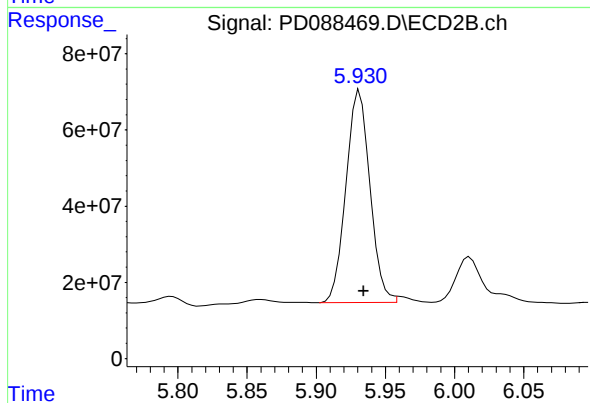
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 1535880728
Conc: 77.05 ng/ml m



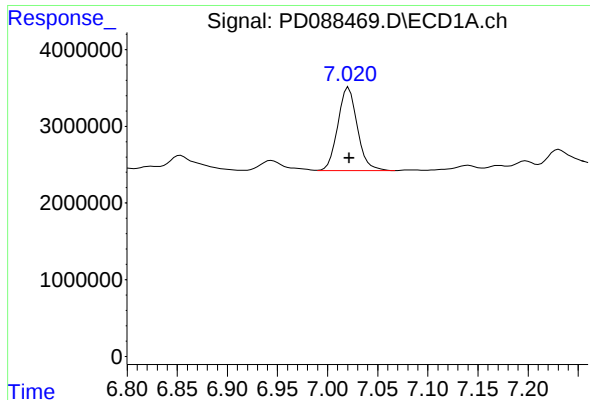
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 127918088
Conc: 50.86 ng/ml



#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: -0.004 min
Response: 673139595
Conc: 41.08 ng/ml m



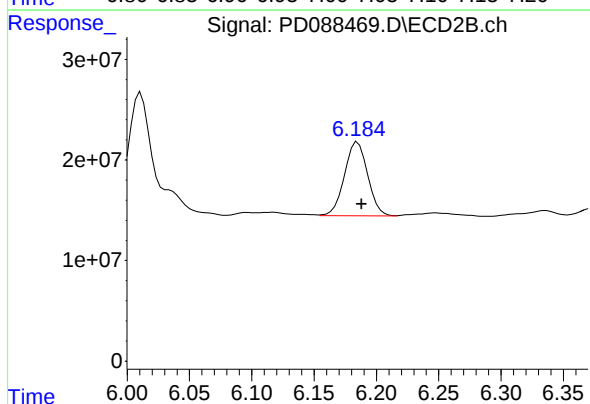
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 14655550
Conc: 5.28 ng/ml

Instrument :
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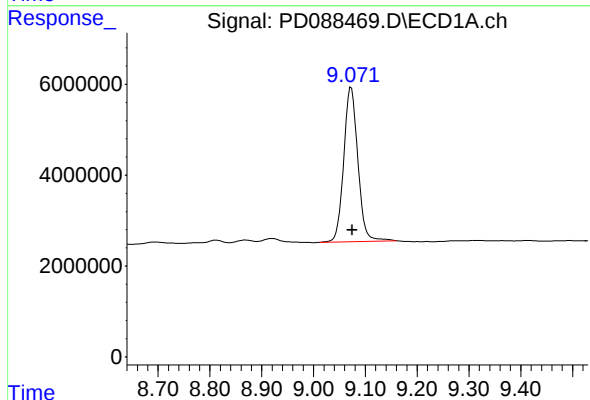
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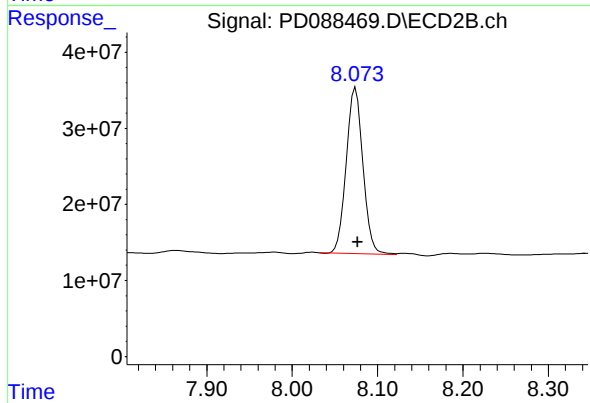
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 95376245
Conc: 5.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 64531079
Conc: 19.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 296312581
Conc: 16.03 ng/ml