

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
 Data File : PD088473.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 17:05
 Operator : AR\AJ
 Sample : Q2007-31
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OR-636-COMP-15

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 03:26:59 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	36842537	256.5E6	18.445	17.541
28) SA Decachlor...	9.072	8.072	51840422	248.9E6	15.671	13.471m
Target Compounds						
8) B Heptachlo...	5.690	4.873	314.8E6	1323.8E6	88.085m	70.065m
10) B gamma-Chl...	5.945	5.128	78991833	279.7E6	21.809m	13.781 #
11) B alpha-Chl...	6.028	5.191	94524166	602.5E6	26.187m	30.734
12) B 4,4'-DDE	6.196	5.376	137.6E6	715.4E6	41.709	36.326m
13) MA Dieldrin	6.347	5.515	209.4E6	976.4E6	58.684	48.983
15) B Endosulfa...	6.797	6.091	11158470	132.2E6	3.569	7.546 #
17) MA 4,4'-DDT	7.021	6.185	55483256	323.3E6	19.976	18.999

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

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ALS Vial : 13 Sample Multiplier: 1

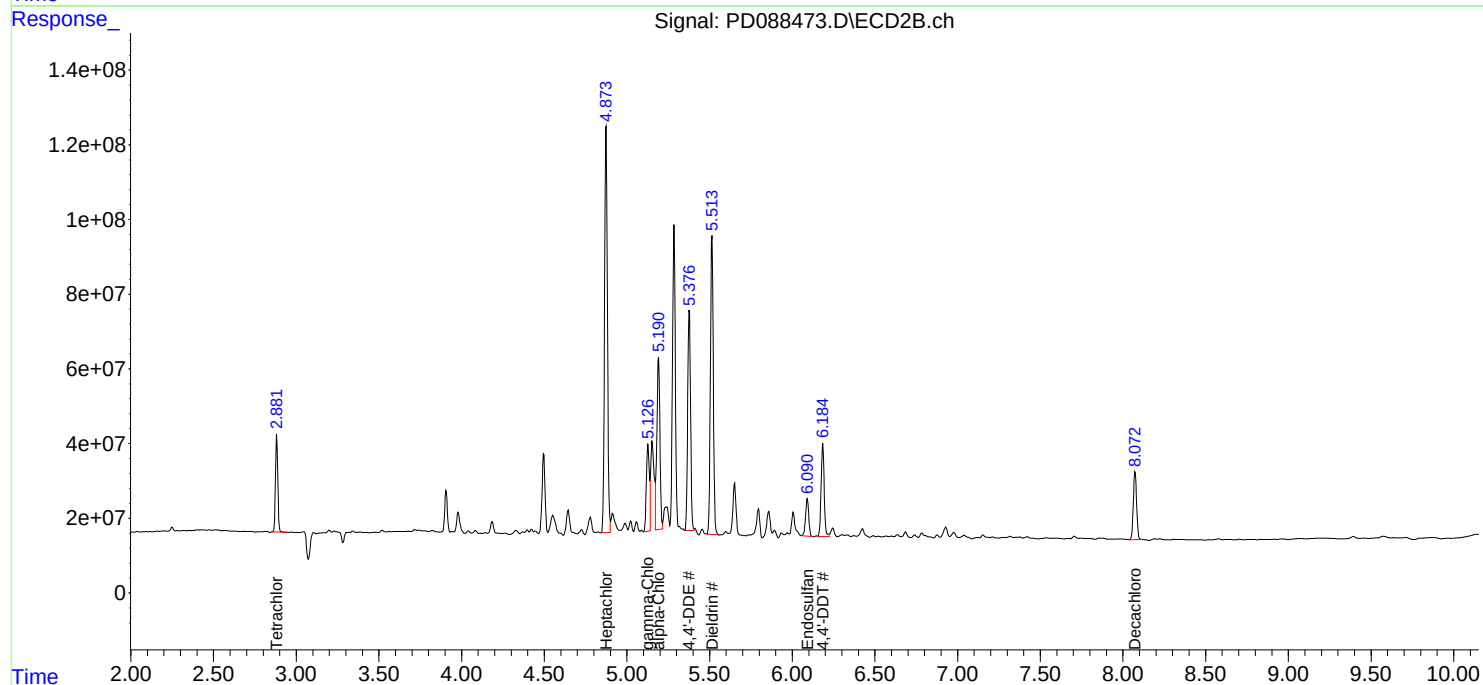
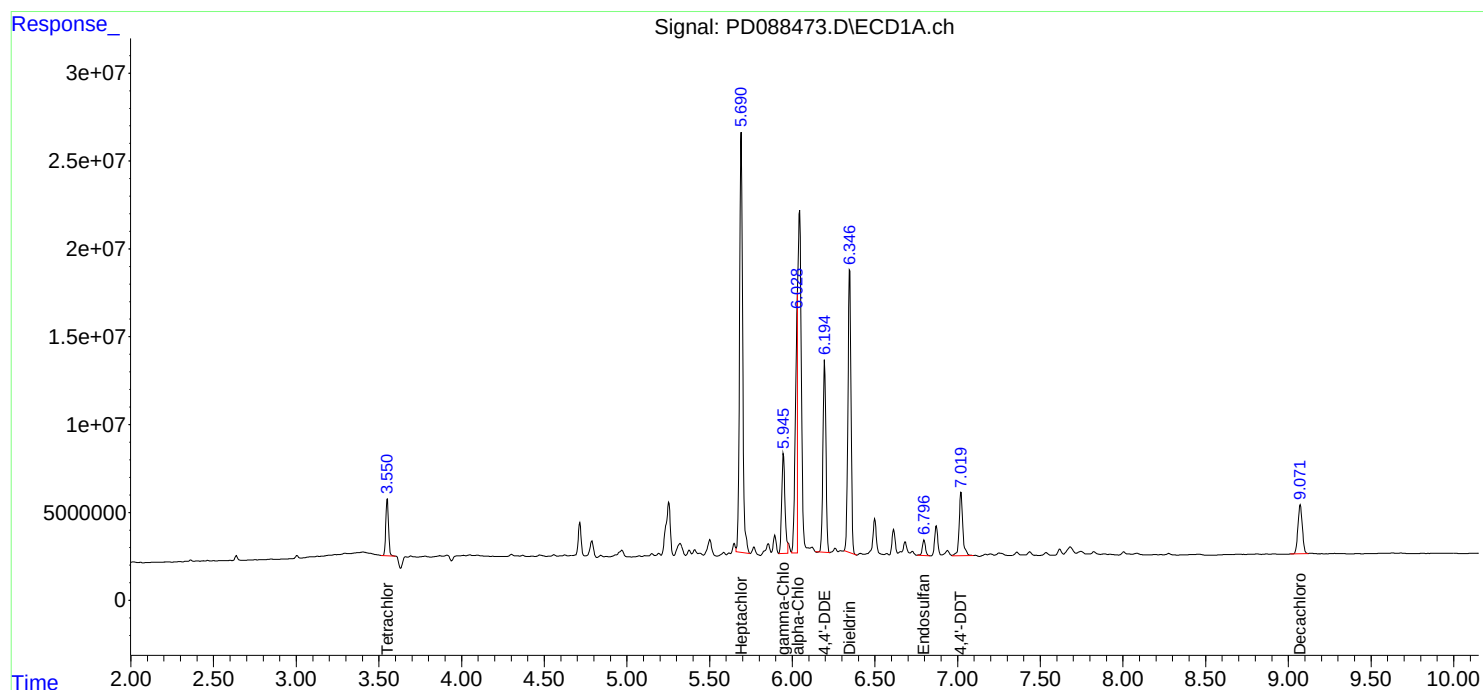
Instrument :
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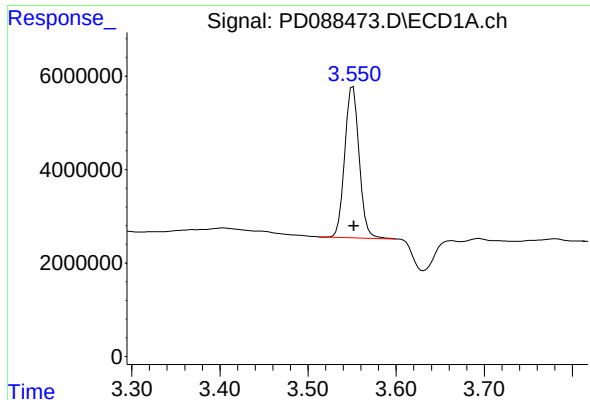
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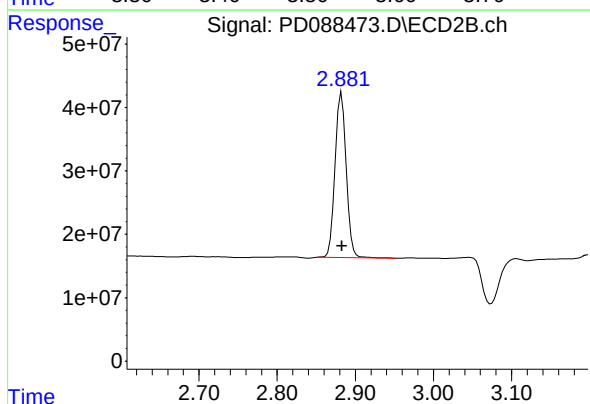
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 36842537
Conc: 18.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-636-COMP-15

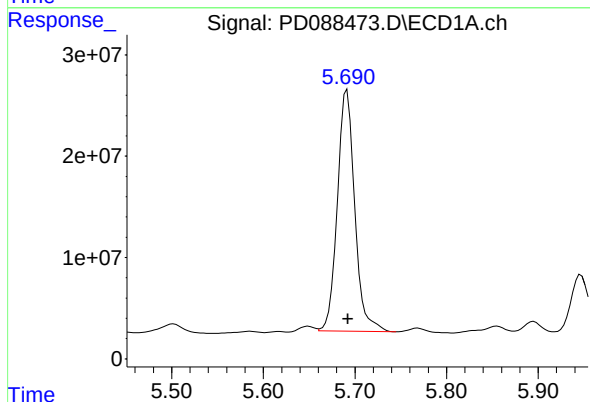
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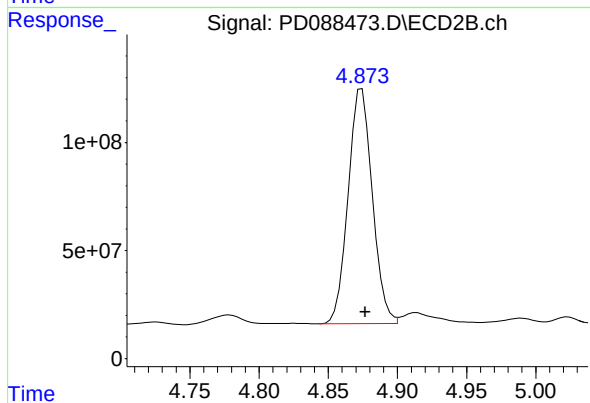
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 256472107
Conc: 17.54 ng/ml



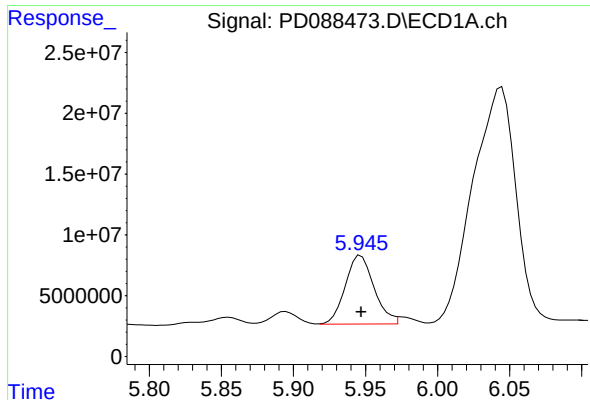
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.003 min
Response: 314812739
Conc: 88.09 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.873 min
Delta R.T.: -0.004 min
Response: 1323837612
Conc: 70.07 ng/ml m



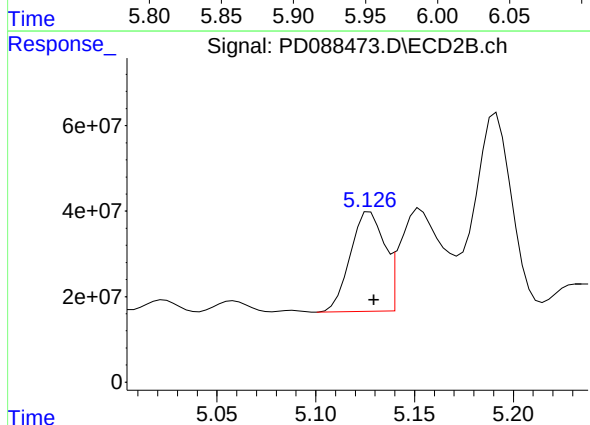
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 78991833
Conc: 21.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
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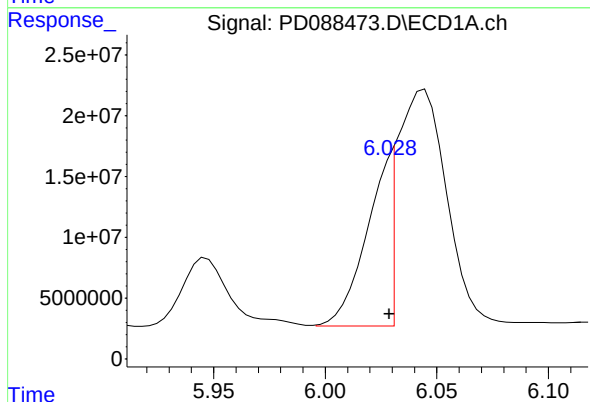
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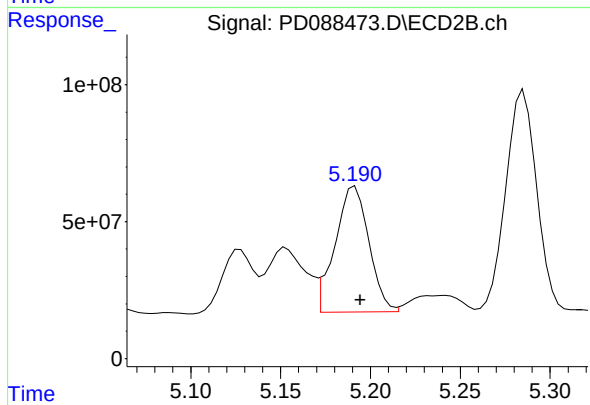
#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 279706329
Conc: 13.78 ng/ml



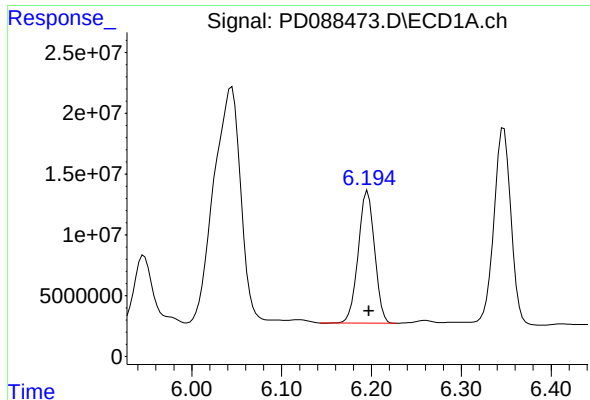
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 94524166
Conc: 26.19 ng/ml m



#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 602474602
Conc: 30.73 ng/ml



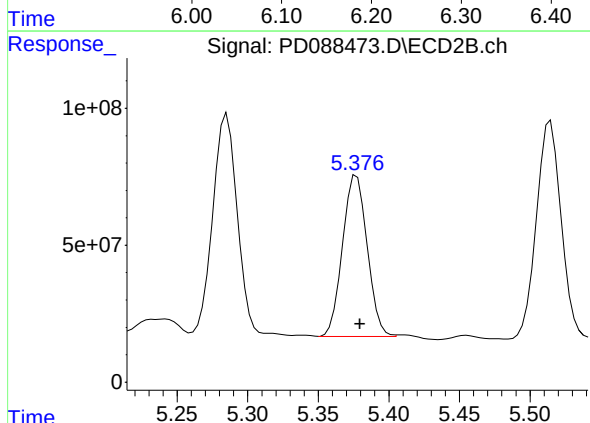
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 137566048
Conc: 41.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
OR-636-COMP-15

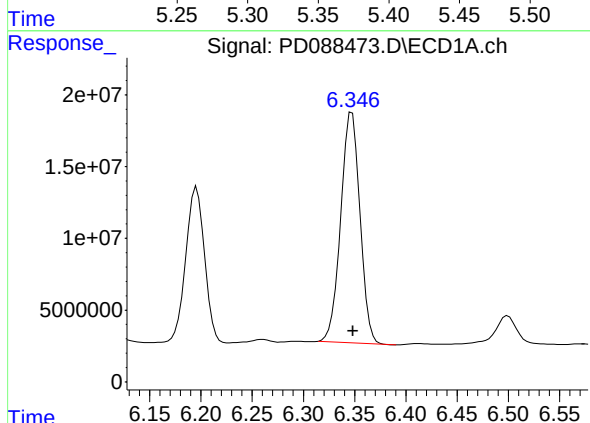
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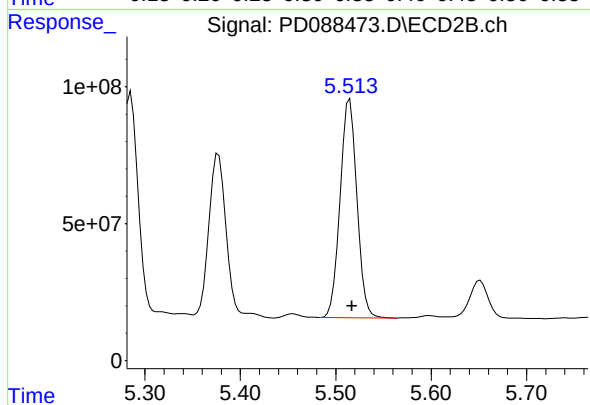
#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.004 min
Response: 715399778
Conc: 36.33 ng/ml



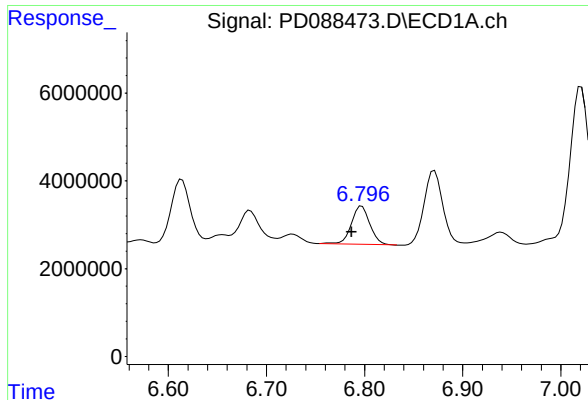
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 209412444
Conc: 58.68 ng/ml



#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 976376845
Conc: 48.98 ng/ml



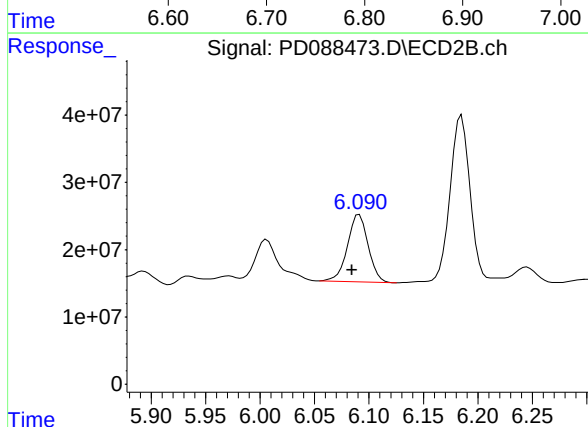
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.010 min
Response: 11158470
Conc: 3.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
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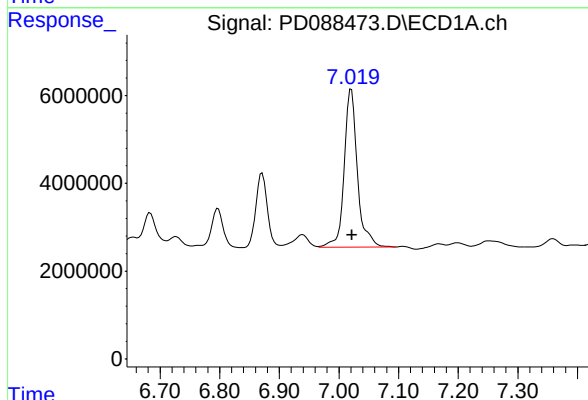
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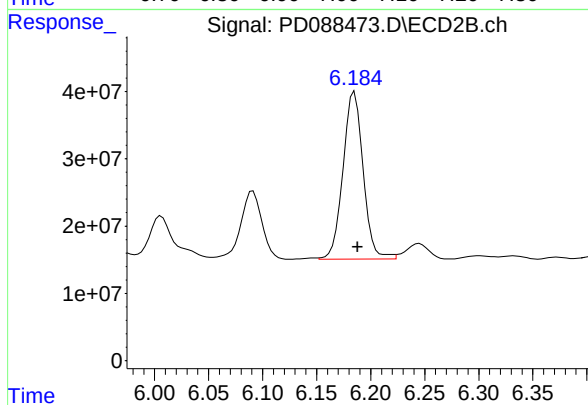
#15 Endosulfan II

R.T.: 6.091 min
Delta R.T.: 0.007 min
Response: 132222077
Conc: 7.55 ng/ml



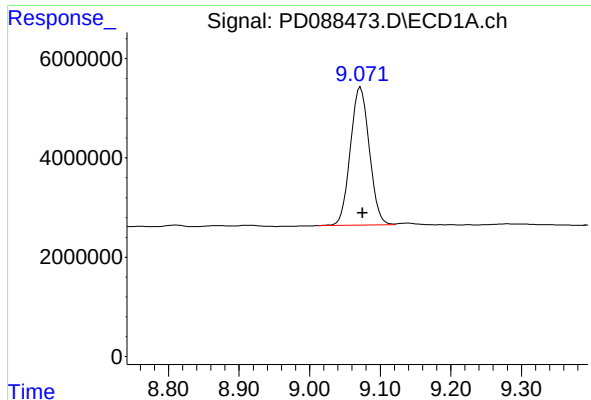
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 55483256
Conc: 19.98 ng/ml



#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 323298758
Conc: 19.00 ng/ml



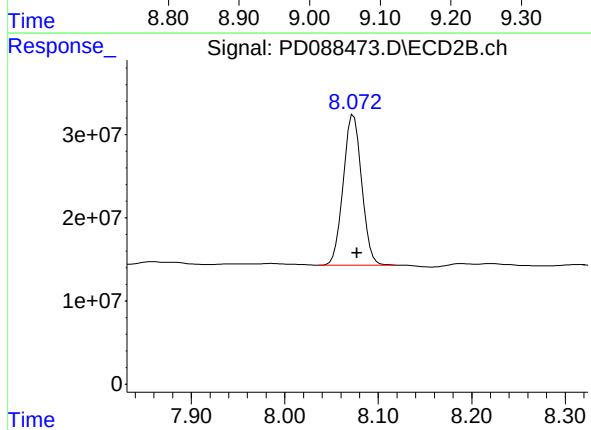
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.003 min
Response: 51840422
Conc: 15.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 248939891
Conc: 13.47 ng/ml