

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092125\
 Data File : PL097305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 14:41
 Operator : AR\AJ
 Sample : Q3134-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LIVINGSTON-BIN-2-9-18-25

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/22/2025
 Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:19:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.526	2.824	66410135	98077352	14.669m	14.915
28)	SA Decachlor...	8.999	7.982	40302368	69900574	12.317m	12.281m
Target Compounds							
8)	B Heptachlo...	5.649	4.792	53828441	57397724	9.366m	7.237m
10)	B gamma-Chl...	5.906	5.045	225.2E6	235.5E6	39.829	26.969 #
11)	B alpha-Chl...	5.988	5.109	326.9E6	295.9E6	57.549	35.653 #
12)	B 4,4'-DDE	6.157	5.297	43976521	72616481	9.230	9.449
13)	MA Dieldrin	6.306	5.429	20573771	66344874	3.753	8.114 #
14)	MA Endrin	6.530	5.710	2830647	20701965	0.614m	2.756m#
17)	MA 4,4'-DDT	6.977	6.102	43781491	77487667	10.357m	11.197

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

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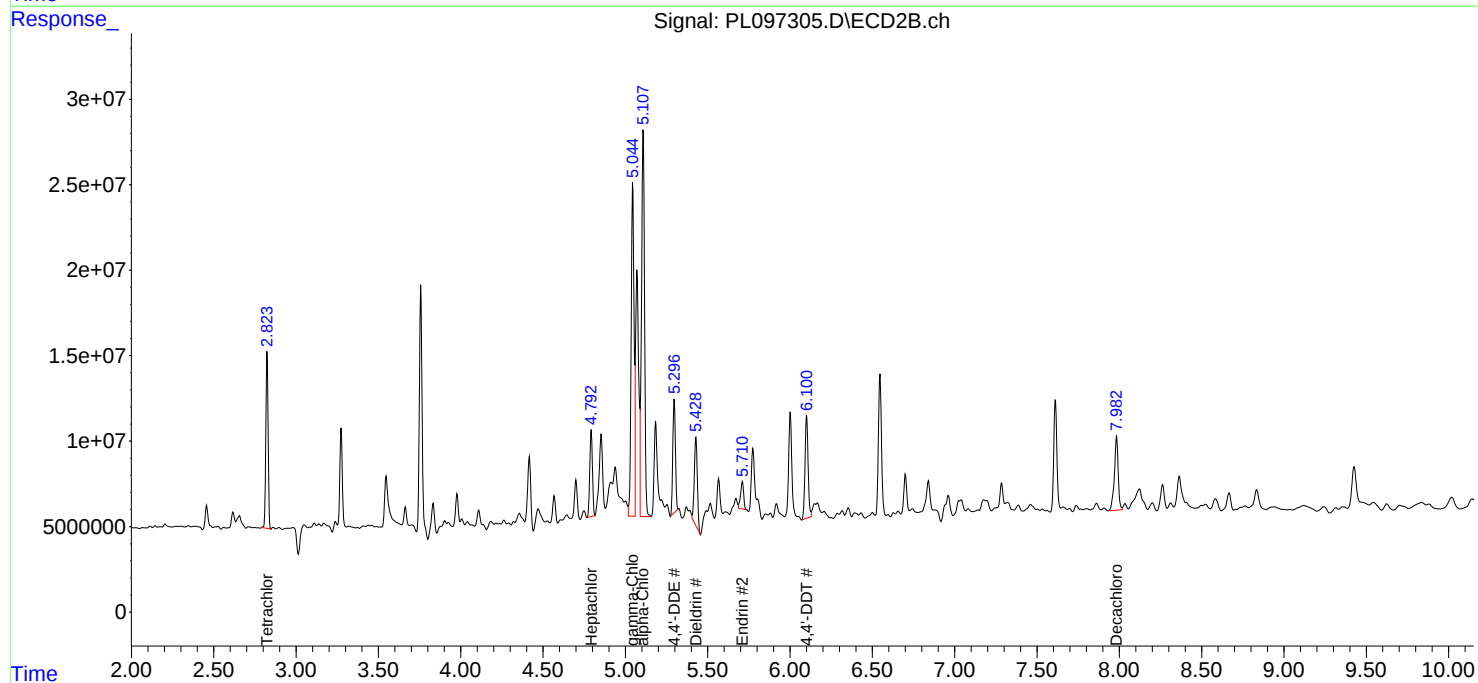
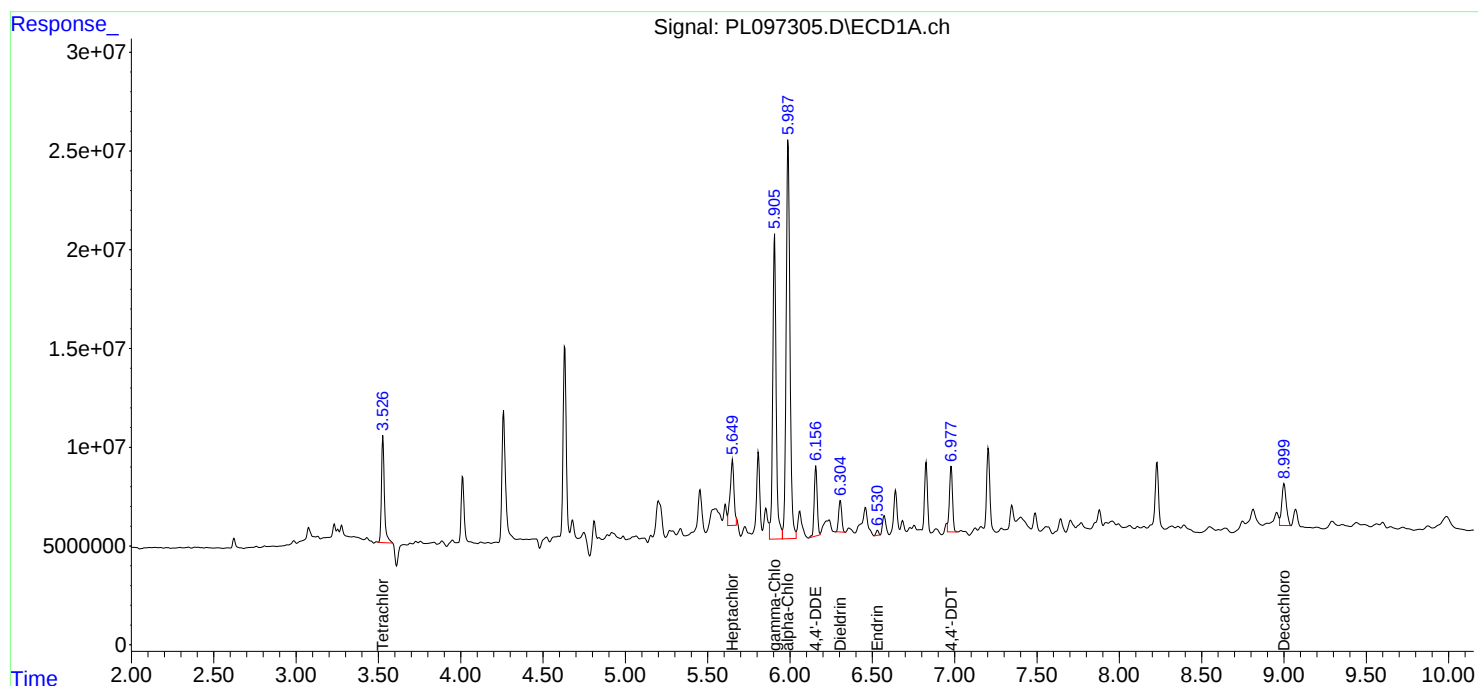
Instrument :
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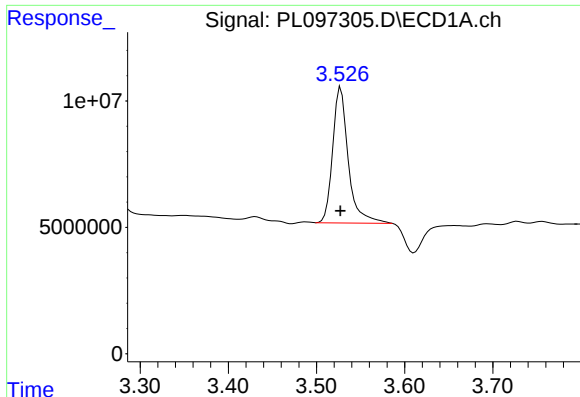
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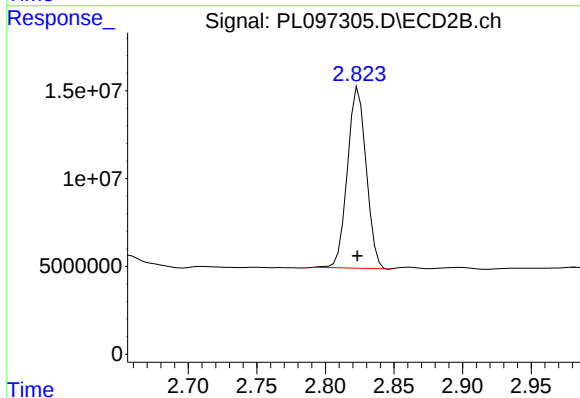
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 66410135
Conc: 14.67 ng/ml

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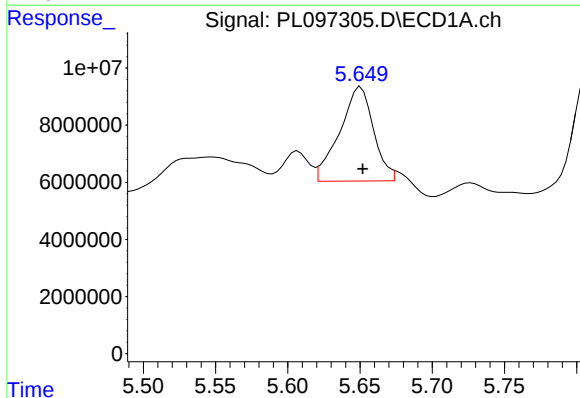
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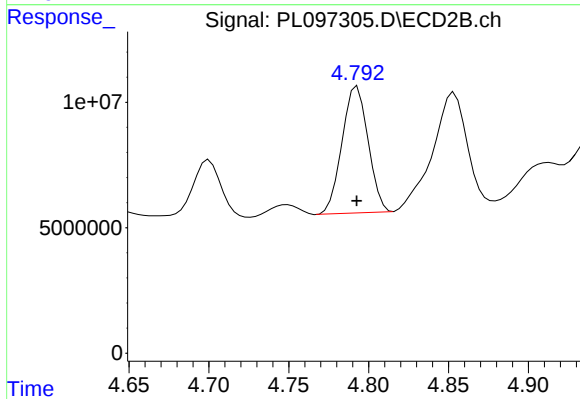
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 98077352
Conc: 14.92 ng/ml



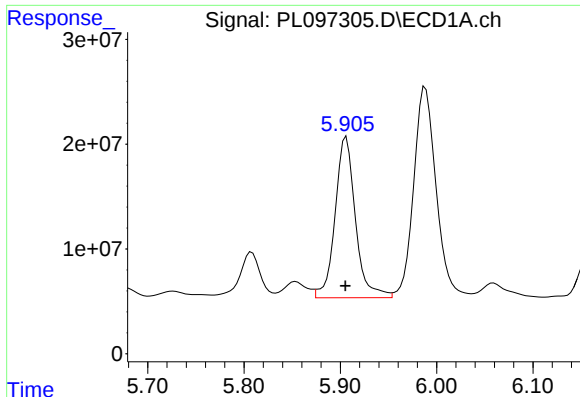
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 53828441
Conc: 9.37 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.001 min
Response: 57397724
Conc: 7.24 ng/ml m



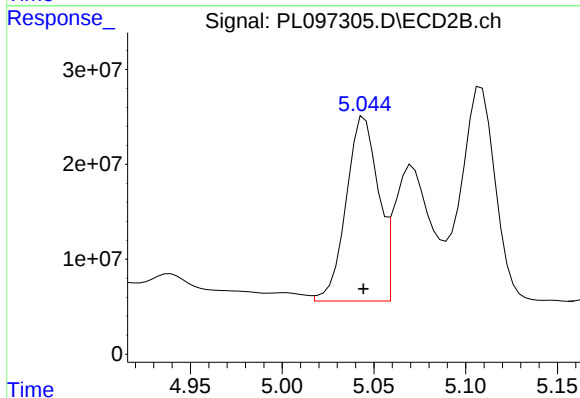
#10 gamma-Chlordane

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 225172170
Conc: 39.83 ng/ml

Instrument :
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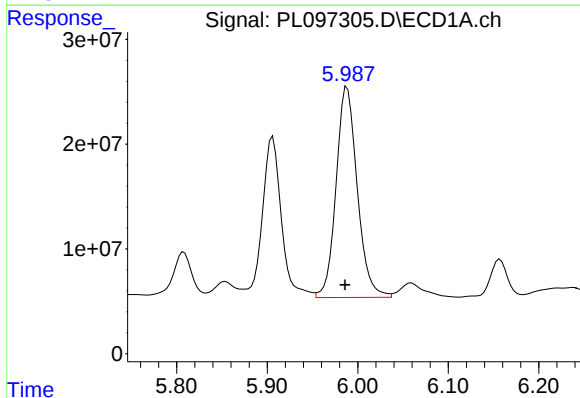
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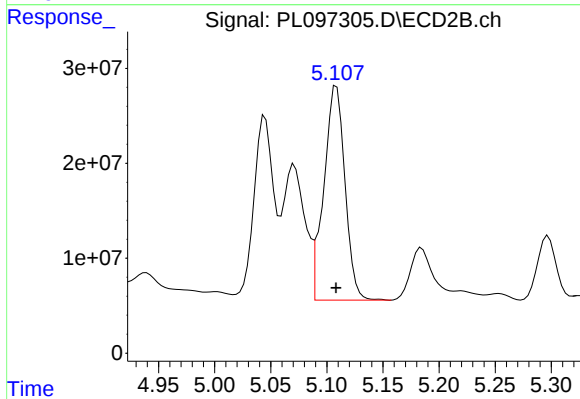
#10 gamma-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 235540581
Conc: 26.97 ng/ml



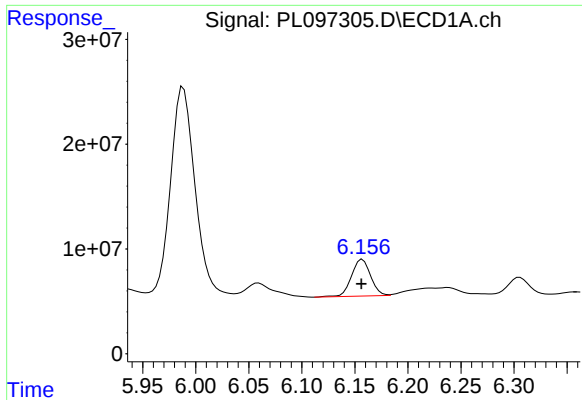
#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: 0.002 min
Response: 326871295
Conc: 57.55 ng/ml



#11 alpha-Chlordane

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 295939319
Conc: 35.65 ng/ml



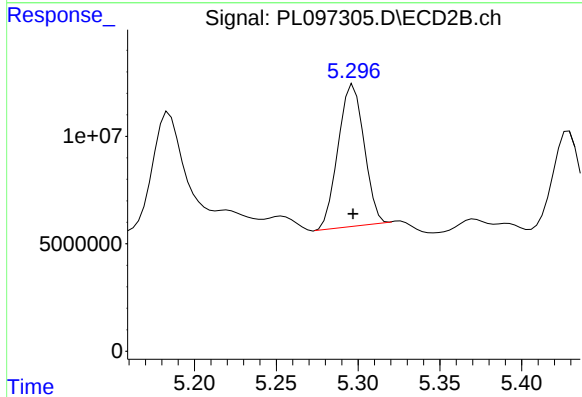
#12 4,4'-DDE

R.T.: 6.157 min
Delta R.T.: 0.001 min
Response: 43976521
Conc: 9.23 ng/ml

Instrument :
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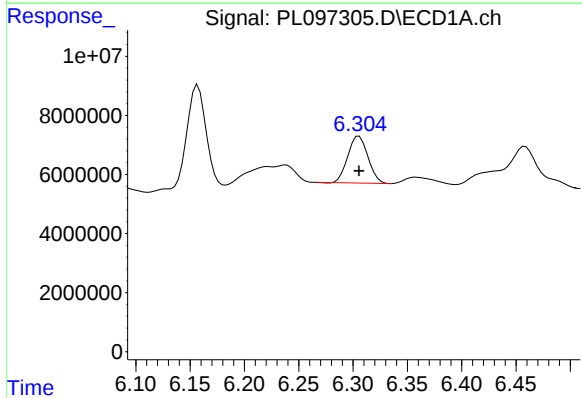
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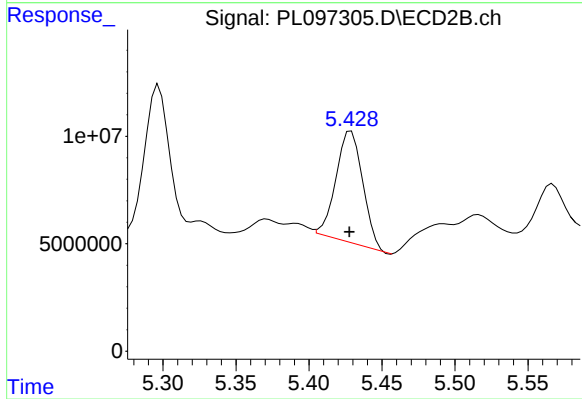
#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 72616481
Conc: 9.45 ng/ml



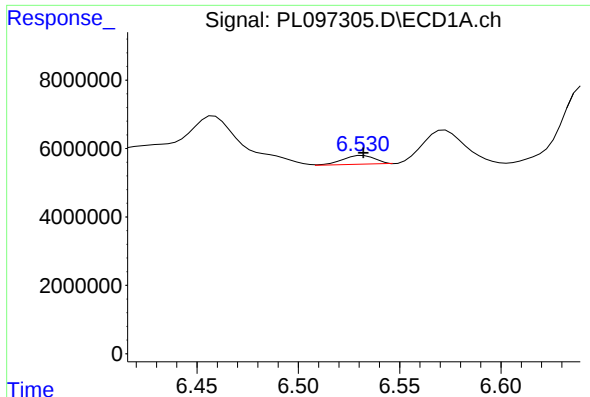
#13 Dieldrin

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 20573771
Conc: 3.75 ng/ml



#13 Dieldrin

R.T.: 5.429 min
Delta R.T.: 0.001 min
Response: 66344874
Conc: 8.11 ng/ml



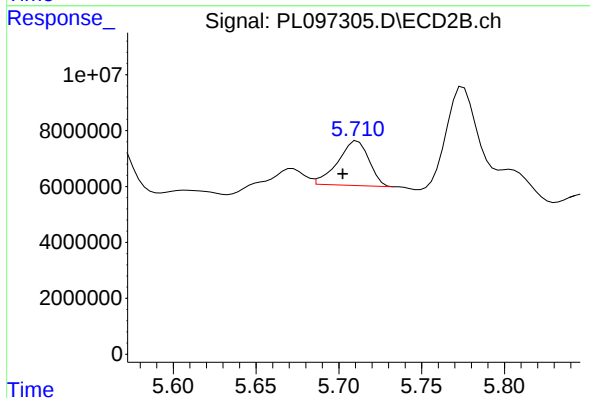
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 2830647
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
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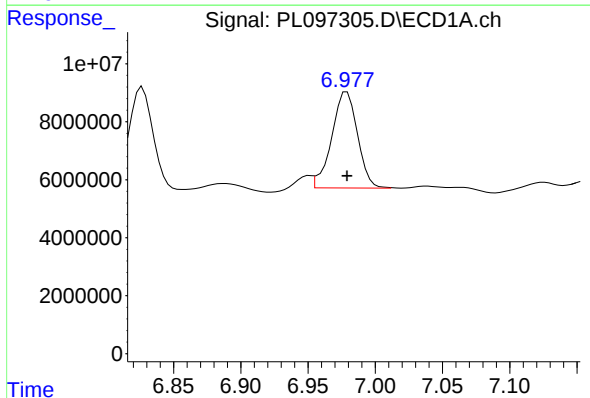
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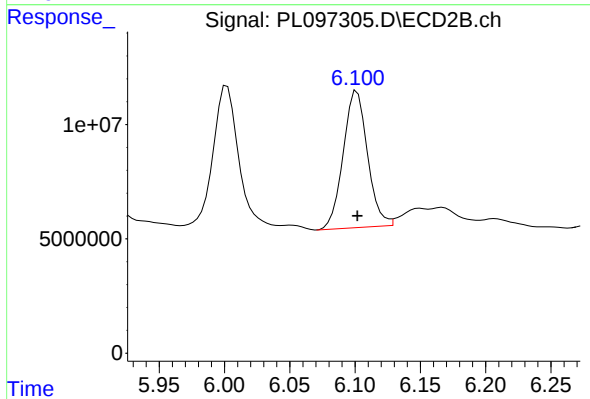
#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.007 min
Response: 20701965
Conc: 2.76 ng/ml m



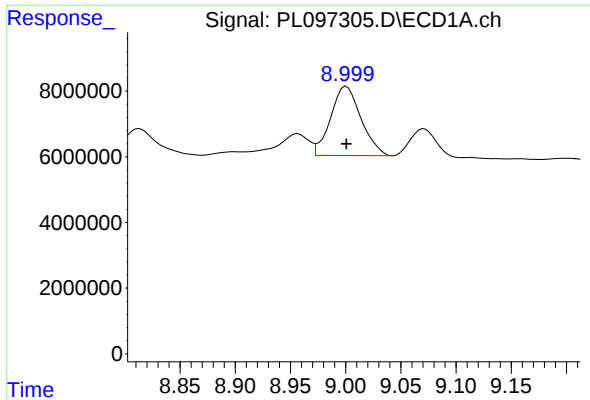
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 43781491
Conc: 10.36 ng/ml m



#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 77487667
Conc: 11.20 ng/ml



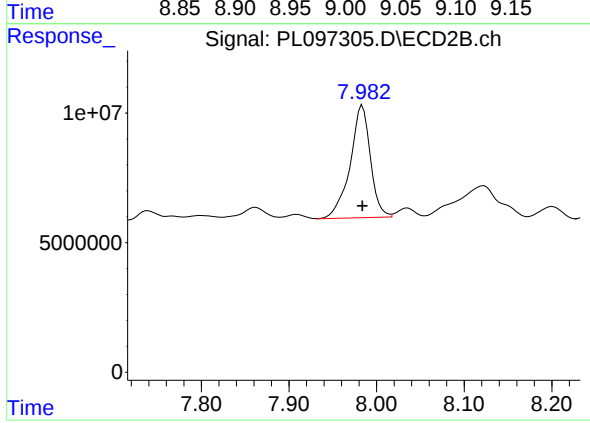
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.002 min
Response: 40302368
Conc: 12.32 ng/ml

Instrument :
ECD_L
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#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 69900574
Conc: 12.28 ng/ml m