

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
 Data File : PL095286.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 15:56
 Operator : AR\AJ
 Sample : Q1818-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RT-3873

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/18/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 00:28:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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...	3.538	2.766	43761303	64402111	15.952m	17.307m
28)	SA Decachlor...	9.053	7.899	31549742	62701707	13.104	14.253
Target Compounds							
4)	MA Heptachlor	4.913	3.934	8105343	10786128	2.211m	2.074m
8)	B Heptachlor...	5.682	4.716	146.7E6	201.9E6	45.697m	44.189m
10)	B gamma-Chl...	5.940	4.966	175.4E6	158.0E6	52.520	32.801m#
11)	B alpha-Chl...	6.021	5.029	201.4E6	142.6E6	60.669m	30.095m#
12)	B 4,4'-DDE	6.191	5.218	18564344	52545288	5.677	10.913m#
13)	MA Dieldrin	6.344	5.350	45026794	63797958	13.665	13.291m
17)	MA 4,4'-DDT	7.021	6.023	12992377	22296461	5.104m	5.352

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

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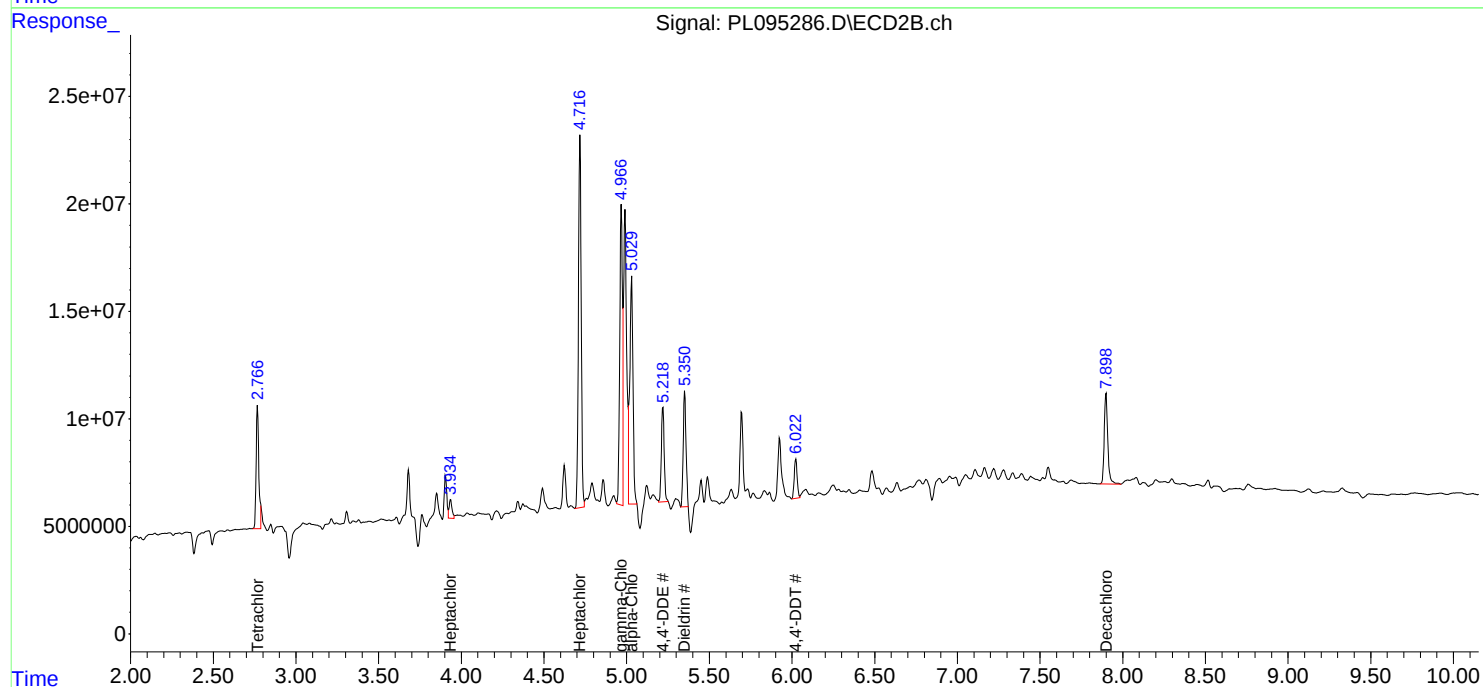
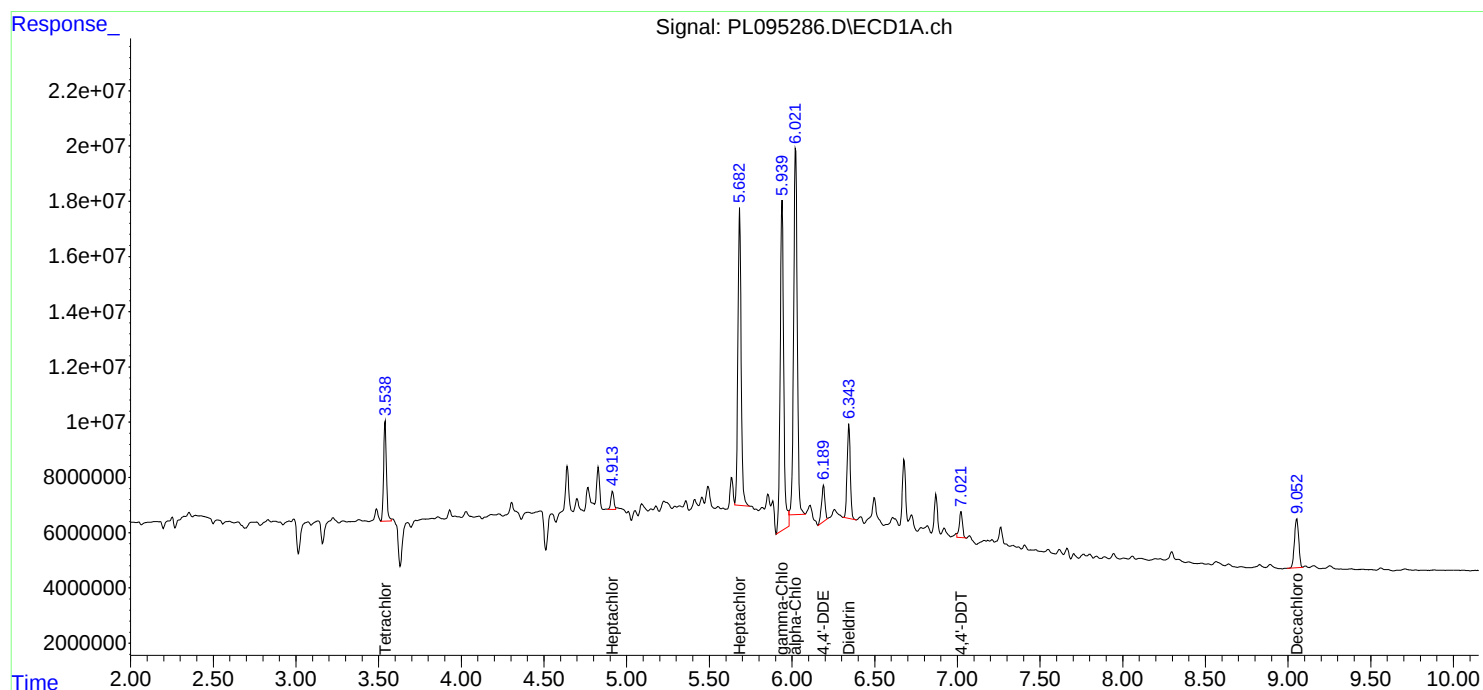
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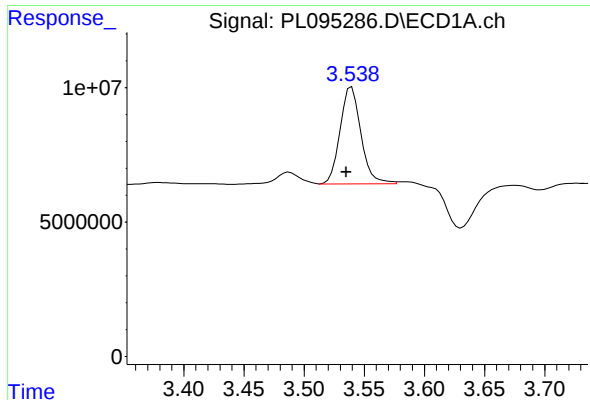
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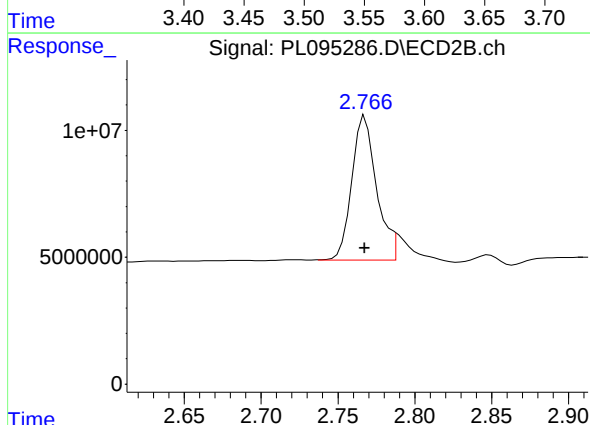
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 43761303
Conc: 15.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-3873

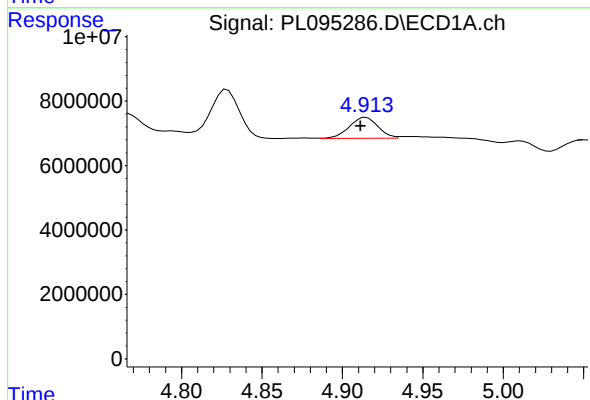
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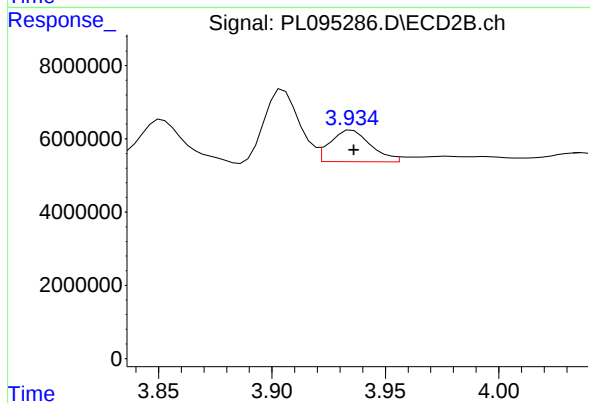
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: -0.001 min
Response: 64402111
Conc: 17.31 ng/ml



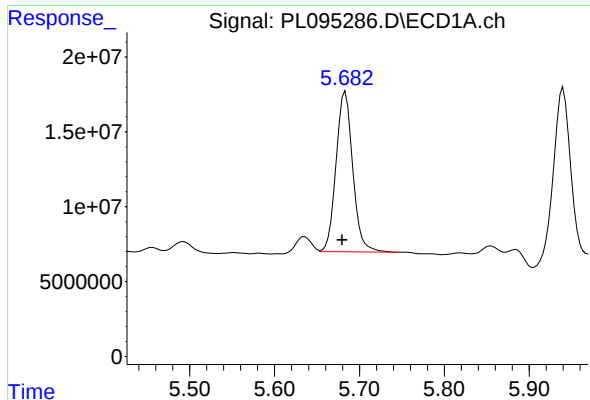
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 8105343
Conc: 2.21 ng/ml



#4 Heptachlor

R.T.: 3.934 min
Delta R.T.: -0.002 min
Response: 10786128
Conc: 2.07 ng/ml



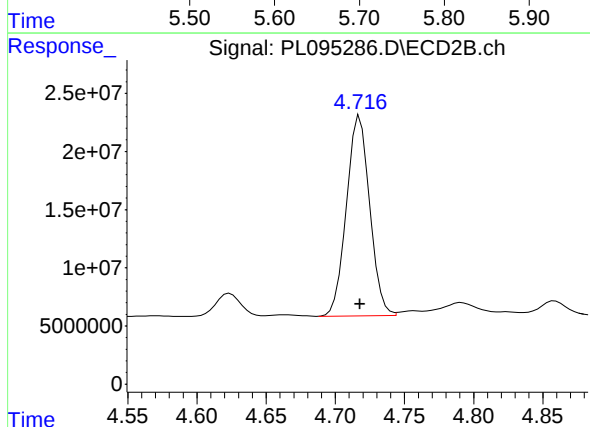
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 146722454
Conc: 45.70 ng/ml

Instrument :
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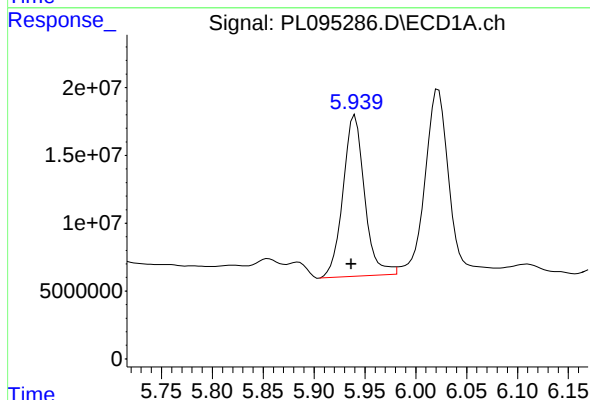
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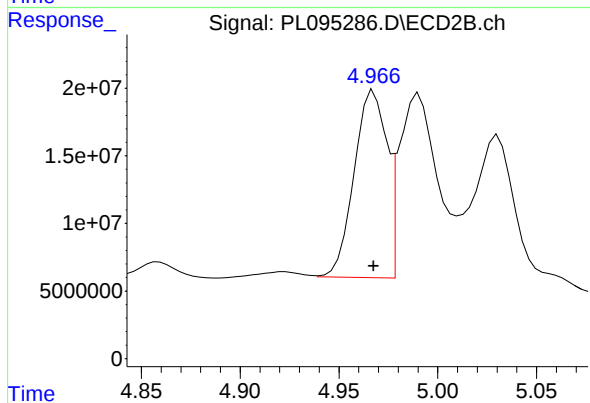
#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 201884677
Conc: 44.19 ng/ml m



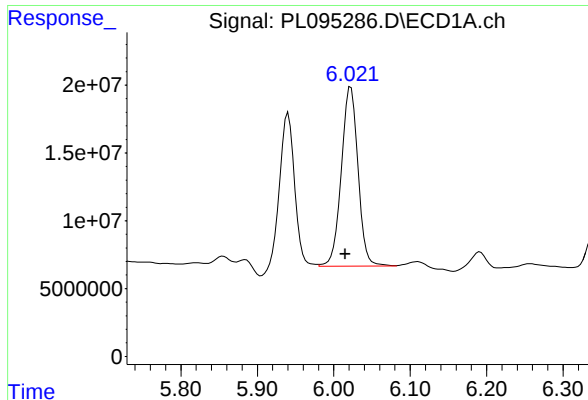
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.004 min
Response: 175441867
Conc: 52.52 ng/ml



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.001 min
Response: 157994114
Conc: 32.80 ng/ml m



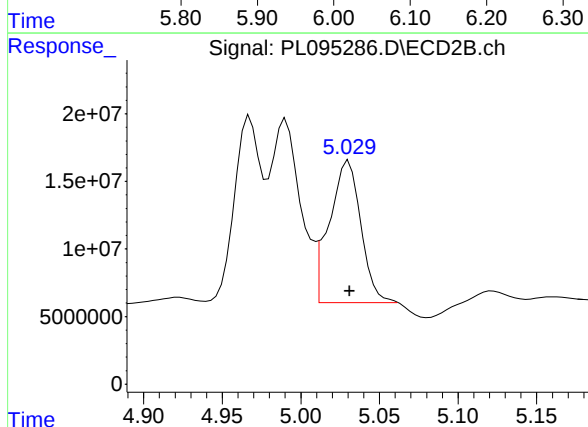
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.006 min
Response: 201389295
Conc: 60.67 ng/ml

Instrument :
ECD_L
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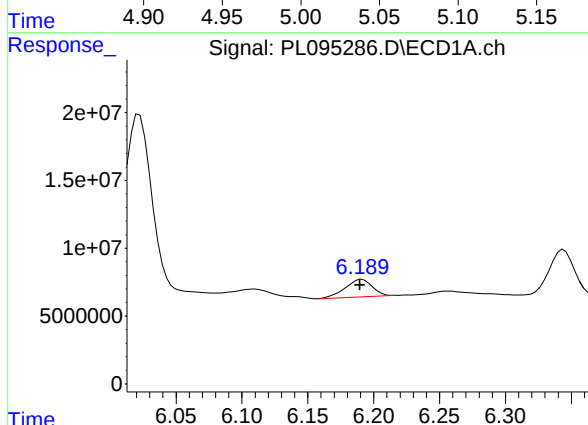
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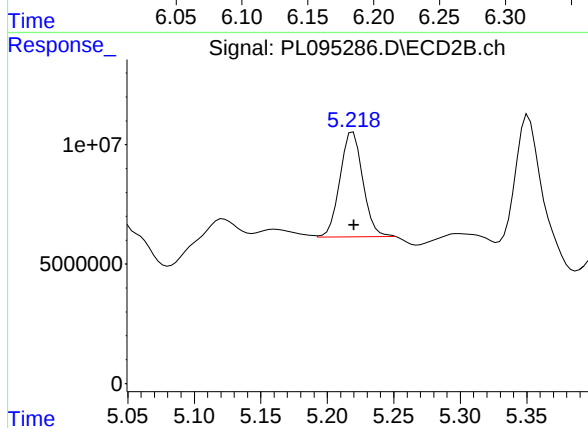
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 142640397
Conc: 30.10 ng/ml m



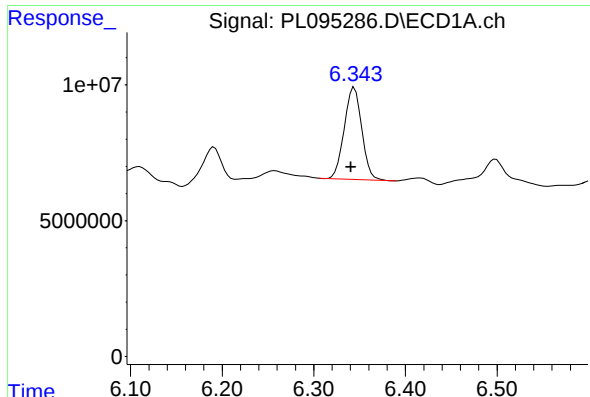
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 18564344
Conc: 5.68 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 52545288
Conc: 10.91 ng/ml m



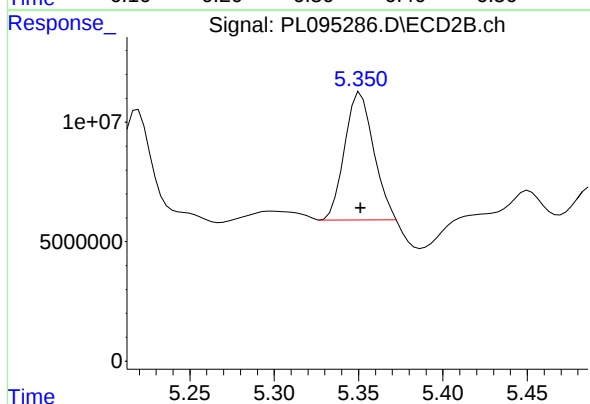
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.003 min
Response: 45026794
Conc: 13.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
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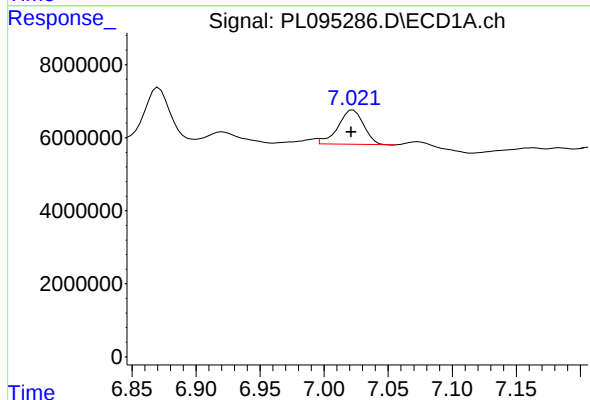
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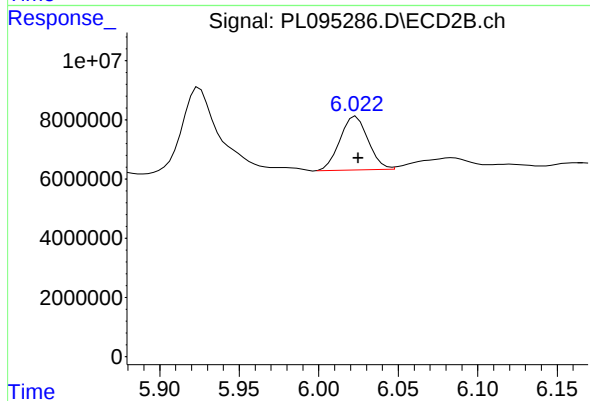
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: -0.001 min
Response: 63797958
Conc: 13.29 ng/ml



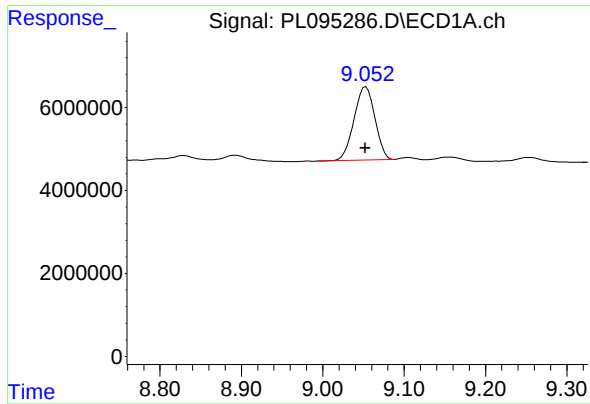
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 12992377
Conc: 5.10 ng/ml



#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 22296461
Conc: 5.35 ng/ml



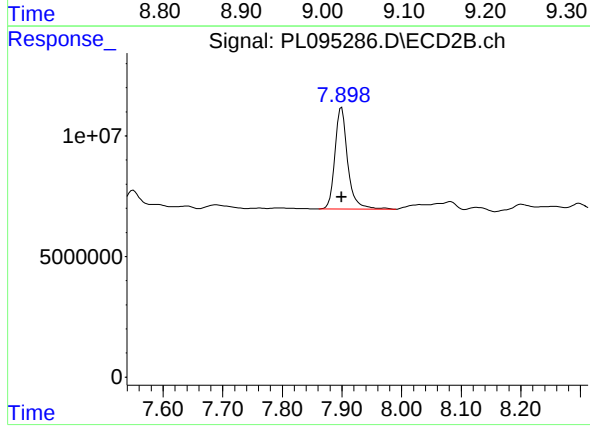
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 31549742
Conc: 13.10 ng/ml

Instrument :
ECD_L
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#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 62701707
Conc: 14.25 ng/ml