

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031324\
 Data File : PL088544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2024 18:35
 Operator : AR\AJ
 Sample : SOIL IDOC-3
 Misc : FOR EVELYN
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC-3

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/13/2024
 Supervised By : Ankita Jodhani 03/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 01:32:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.634	2.852	46780538	24217830	17.031	17.267
28)	SA Decachlor...	9.303	8.082	39521265	24966894	20.521	19.608
Target Compounds							
2)	A alpha-BHC	4.099	3.365	125.7E6	64054583	30.111	31.173m
3)	MA gamma-BHC...	4.437	3.703	68941183	34586314	17.024	17.271
4)	MA Heptachlor	5.038	4.051	150.6E6	74849593	39.133	41.086
5)	MB Aldrin	5.385	4.337	161.0E6	82578404	42.169	42.578
10)	B gamma-Chl...	6.076	5.102	62711740	33976413	18.454	19.047
11)	B alpha-Chl...	6.156	5.167	99353252	53017928	29.112	29.761
12)	B 4,4'-DDE	6.331	5.360	125.3E6	68084371	41.313	42.836
16)	A 4,4'-DDD	6.854	5.922	33610409	18153850	12.959	13.288
17)	MA 4,4'-DDT	7.173	6.177	62420995	34750254	23.741	25.454
22)	Mirex	8.282	7.175	108.3E6	66752438	46.754	50.952m

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

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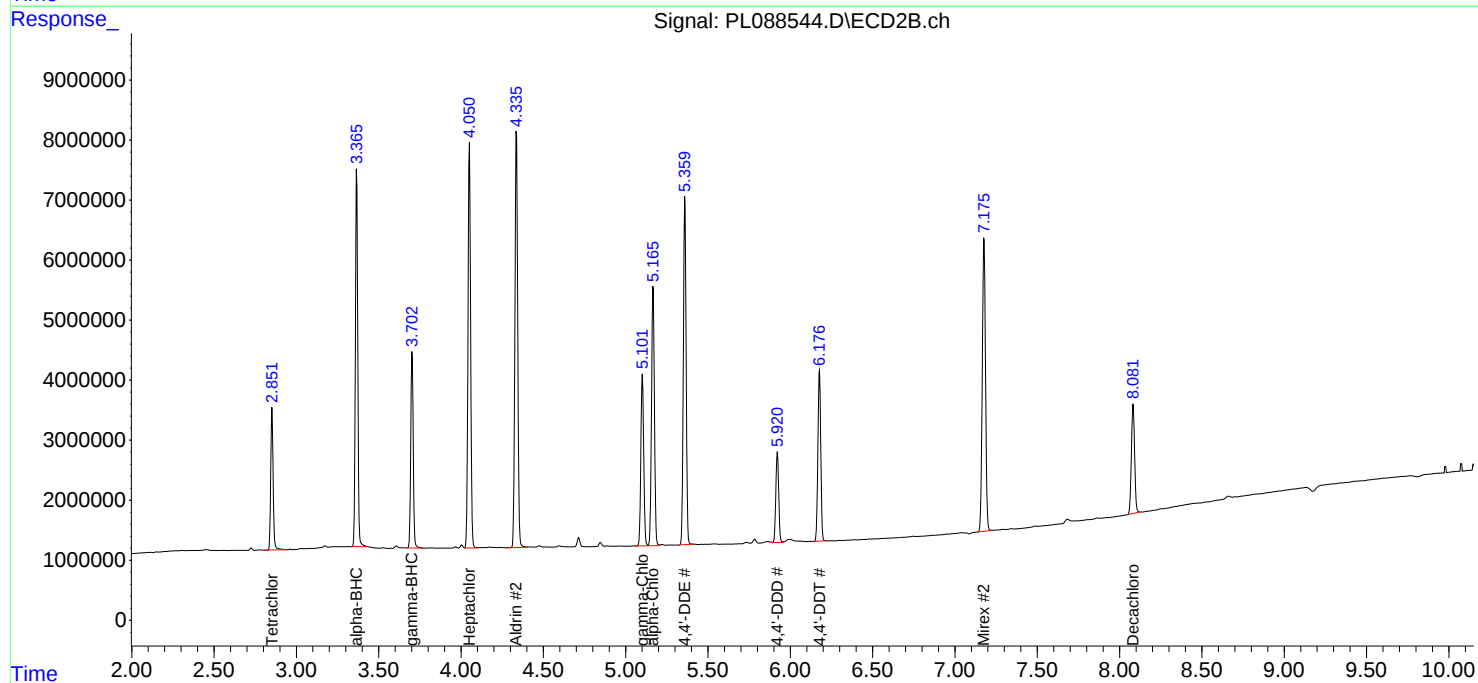
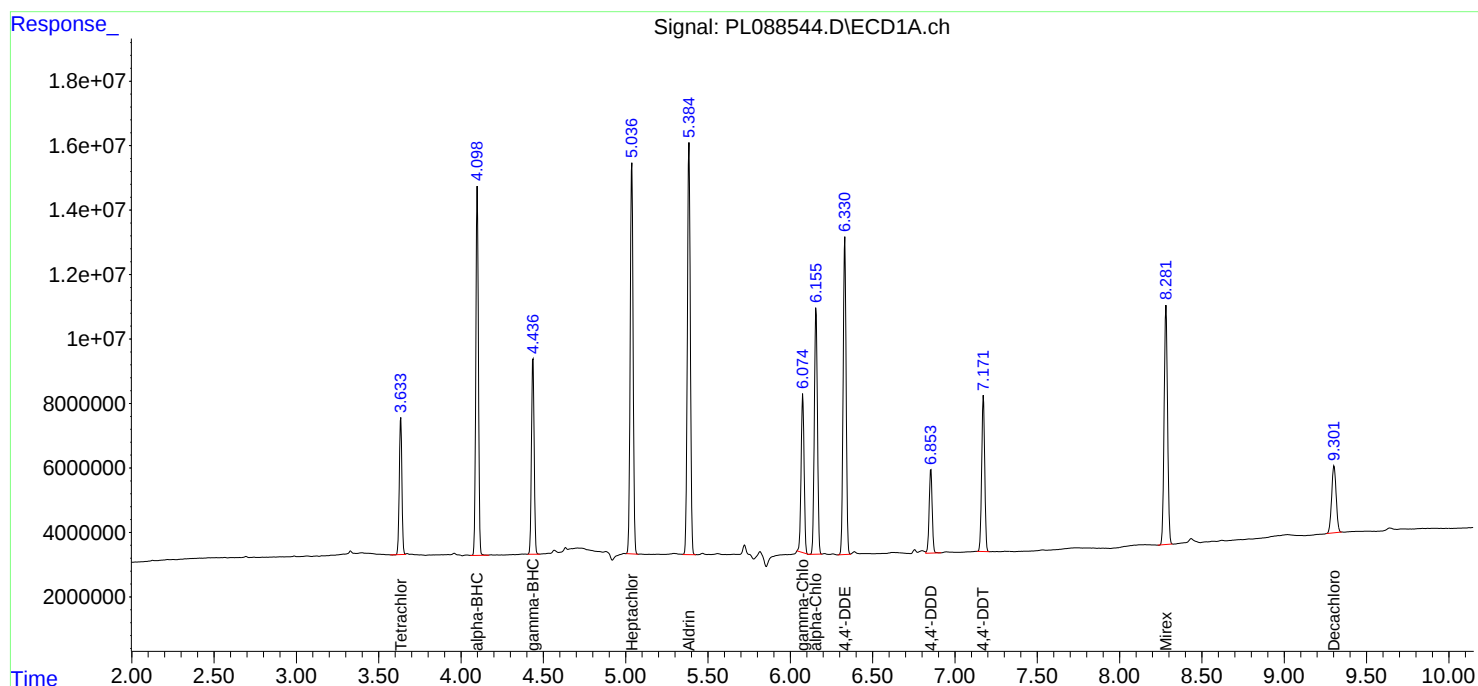
Instrument :
ECD_L
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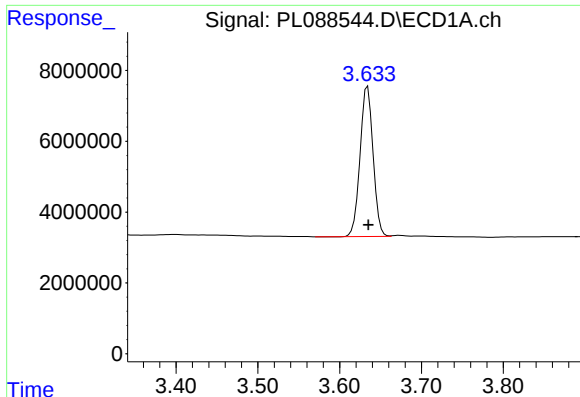
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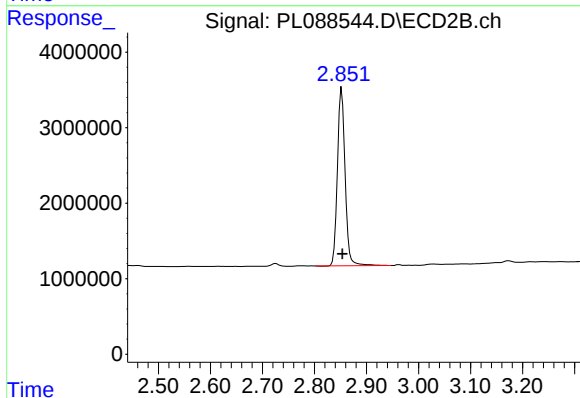
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 46780538
Conc: 17.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-3

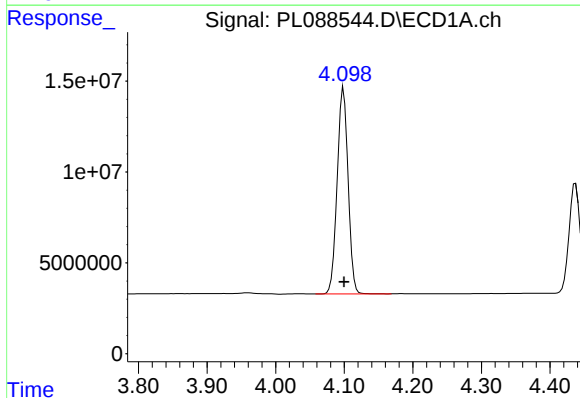
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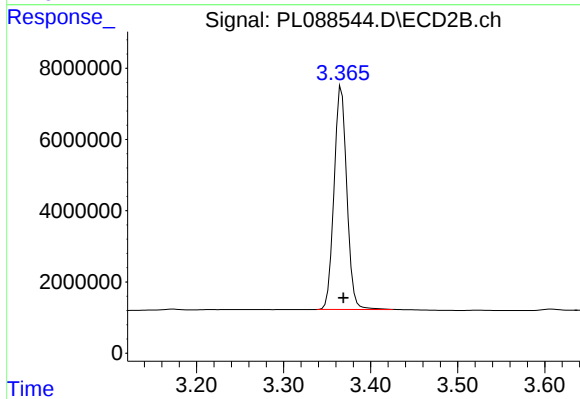
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: -0.002 min
Response: 24217830
Conc: 17.27 ng/ml



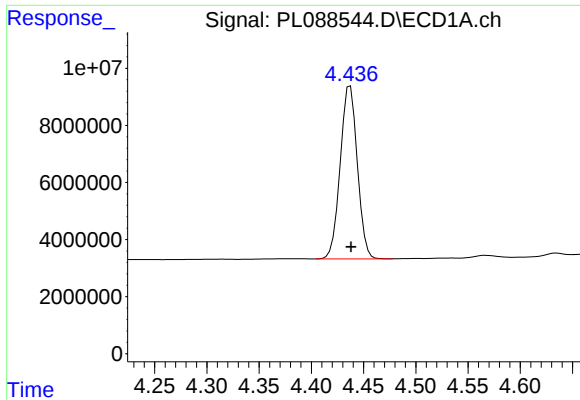
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 125691369
Conc: 30.11 ng/ml



#2 alpha-BHC

R.T.: 3.365 min
Delta R.T.: -0.004 min
Response: 64054583
Conc: 31.17 ng/ml m



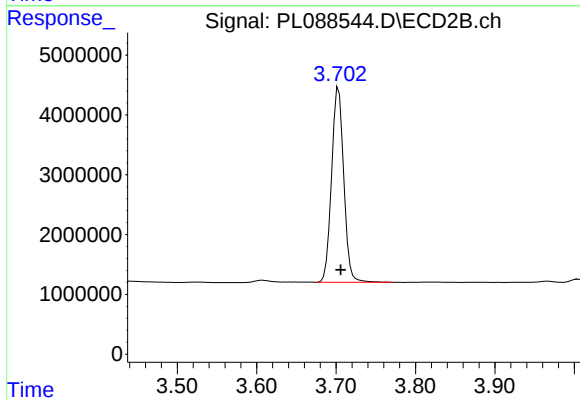
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 68941183
Conc: 17.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
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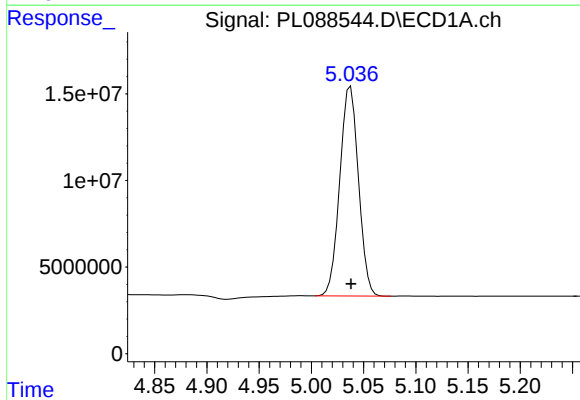
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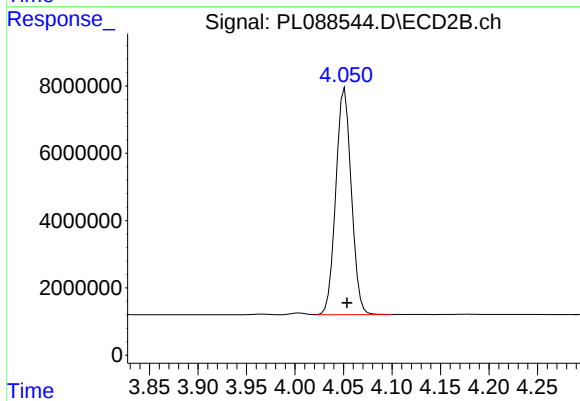
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: -0.003 min
Response: 34586314
Conc: 17.27 ng/ml



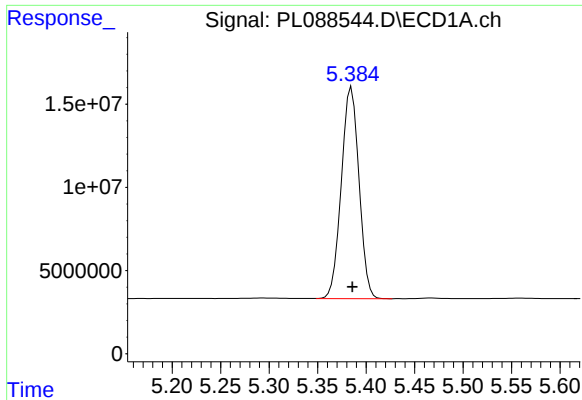
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 150595751
Conc: 39.13 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 74849593
Conc: 41.09 ng/ml



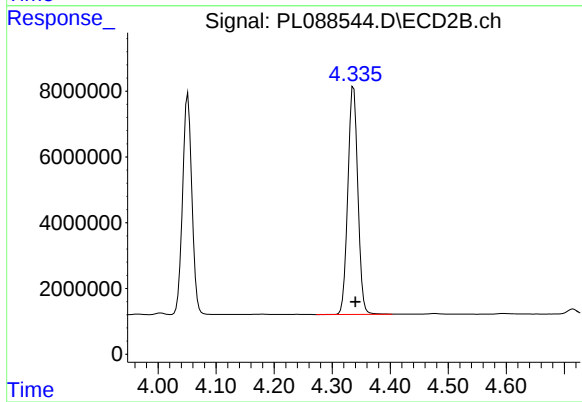
#5 Aldrin

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 161014200
Conc: 42.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-3

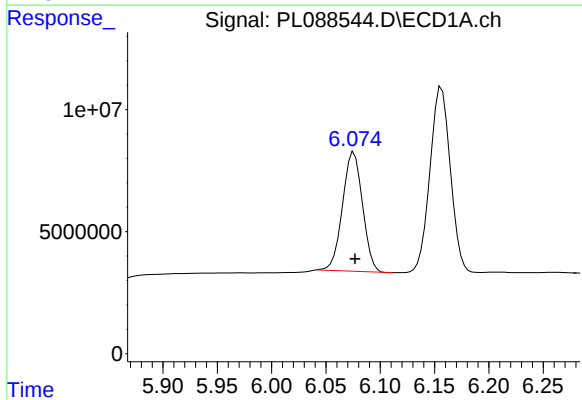
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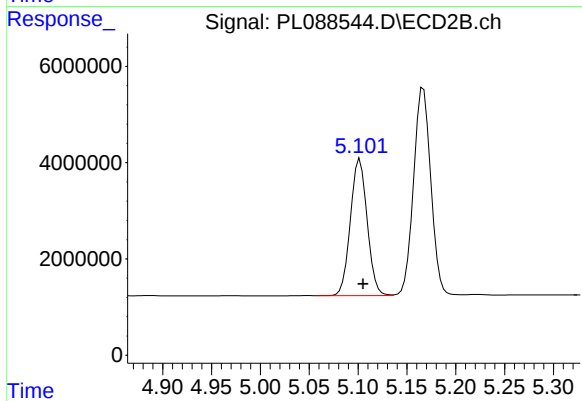
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: -0.003 min
Response: 82578404
Conc: 42.58 ng/ml



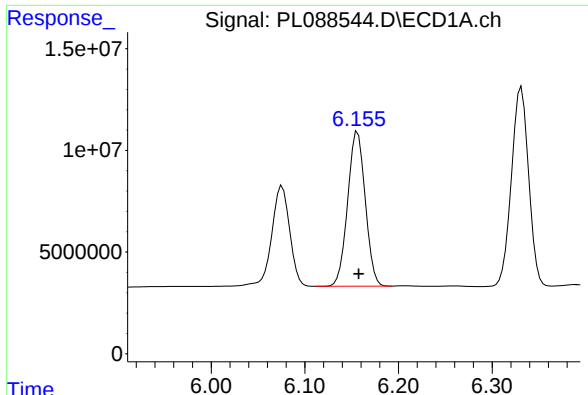
#10 gamma-Chlordane

R.T.: 6.076 min
Delta R.T.: -0.001 min
Response: 62711740
Conc: 18.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.102 min
Delta R.T.: -0.003 min
Response: 33976413
Conc: 19.05 ng/ml



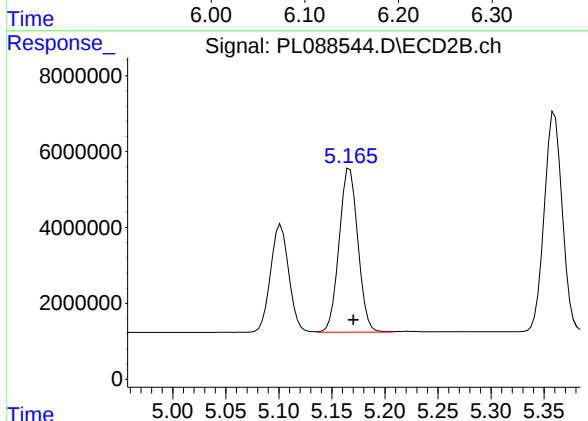
#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.001 min
Response: 99353252
Conc: 29.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-3

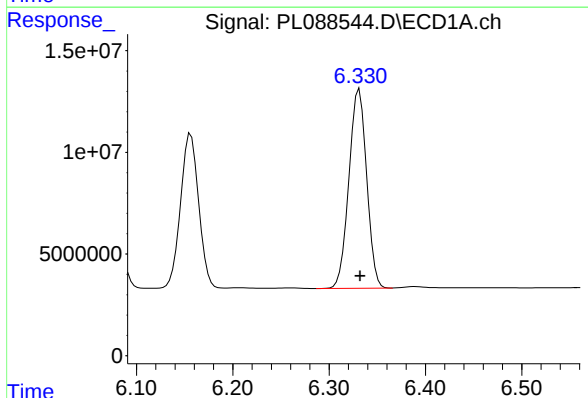
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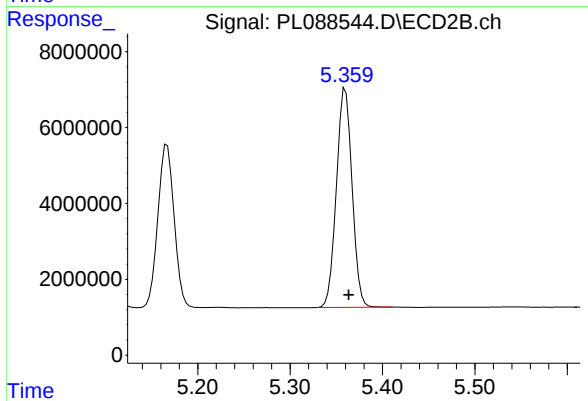
#11 alpha-Chlordane

R.T.: 5.167 min
Delta R.T.: -0.003 min
Response: 53017928
Conc: 29.76 ng/ml



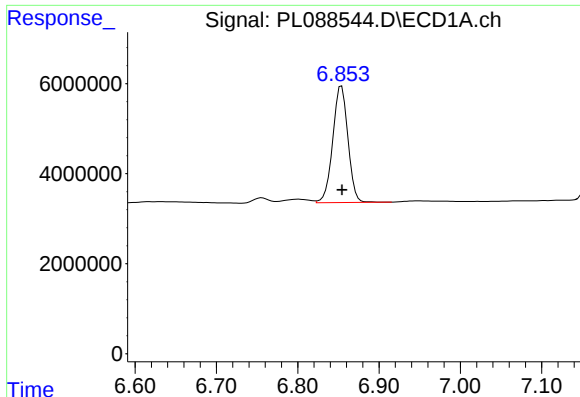
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 125294895
Conc: 41.31 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 68084371
Conc: 42.84 ng/ml



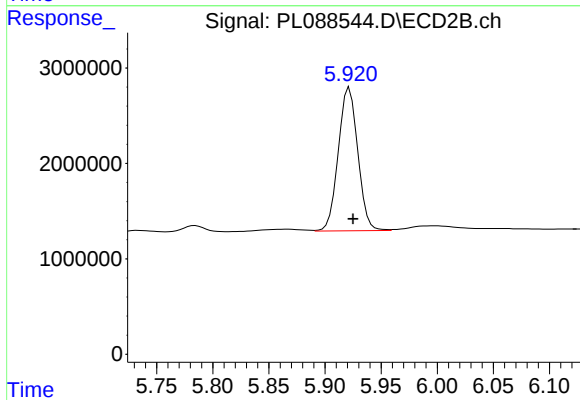
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 33610409
Conc: 12.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-3

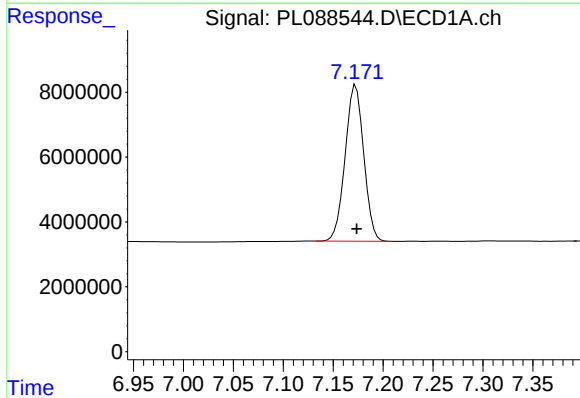
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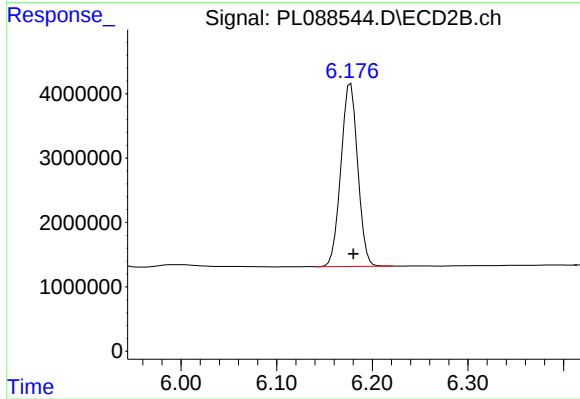
#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 18153850
Conc: 13.29 ng/ml



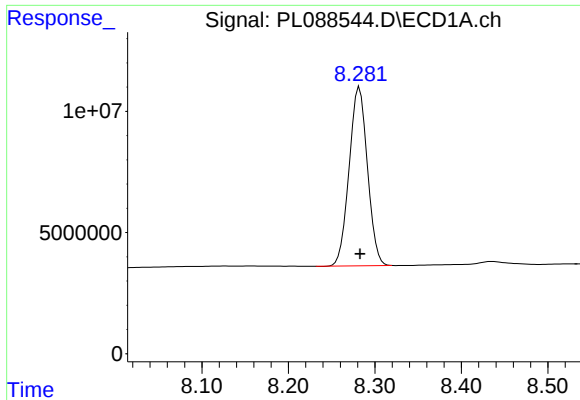
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 62420995
Conc: 23.74 ng/ml



#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.003 min
Response: 34750254
Conc: 25.45 ng/ml



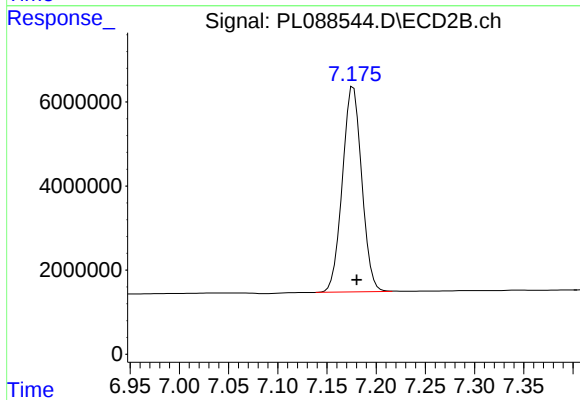
#22 Mirex

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 108337763
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-3

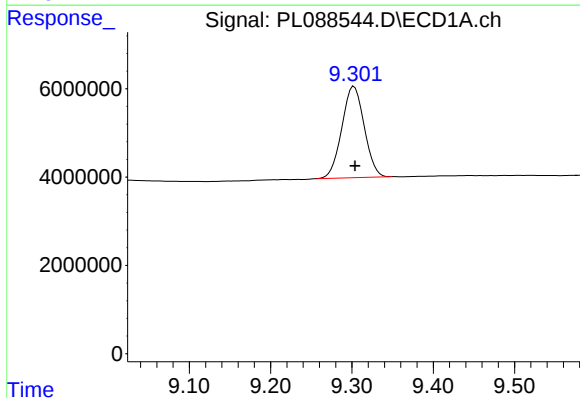
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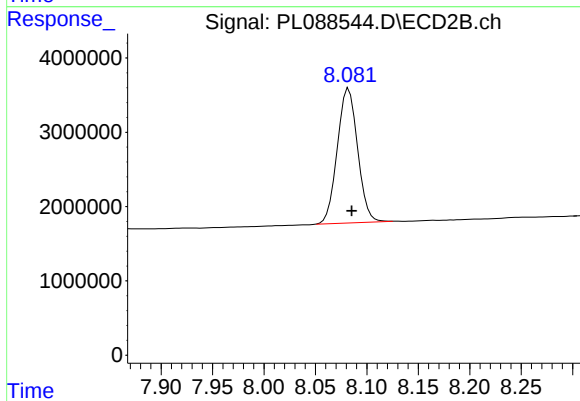
#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.005 min
Response: 66752438
Conc: 50.95 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.303 min
Delta R.T.: -0.001 min
Response: 39521265
Conc: 20.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 24966894
Conc: 19.61 ng/ml