

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031324\
 Data File : PL088542.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2024 18:07
 Operator : AR\AJ
 Sample : SOIL IDOC-1
 Misc : FOR EVELYN
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC-1

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 01:31:10 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	2.853	47389486	24217770	17.253	17.267
28)	SA Decachlor...	9.303	8.082	39613077	25140563	20.568	19.745
Target Compounds							
2)	A alpha-BHC	4.099	3.367	126.6E6	64949748	30.333	31.608
3)	MA gamma-BHC...	4.438	3.703	70908106	35981253	17.510	17.968
4)	MA Heptachlor	5.038	4.052	148.8E6	73988133	38.669	40.613
5)	MB Aldrin	5.385	4.337	159.6E6	82034132	41.807	42.297
10)	B gamma-Chl...	6.075	5.101	66752836	35087589	19.643m	19.670m
11)	B alpha-Chl...	6.157	5.168	100.8E6	53584983	29.528	30.079
12)	B 4,4'-DDE	6.331	5.361	126.0E6	67774092	41.531	42.641
16)	A 4,4'-DDD	6.854	5.923	34726757	18655549	13.389	13.655
17)	MA 4,4'-DDT	7.173	6.178	62597989	34887498	23.809	25.554
22)	Mirex	8.282	7.177	106.6E6	65928360	45.990	50.323

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

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Manual Integrations

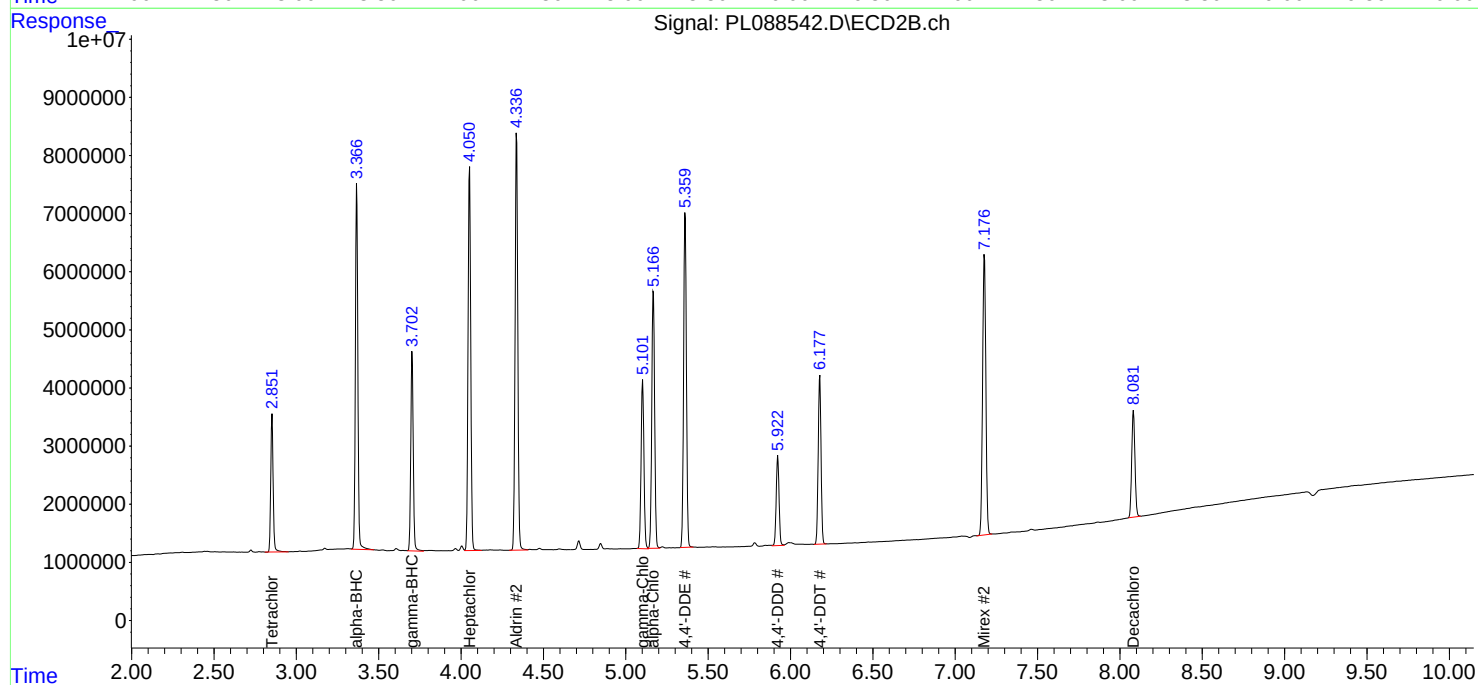
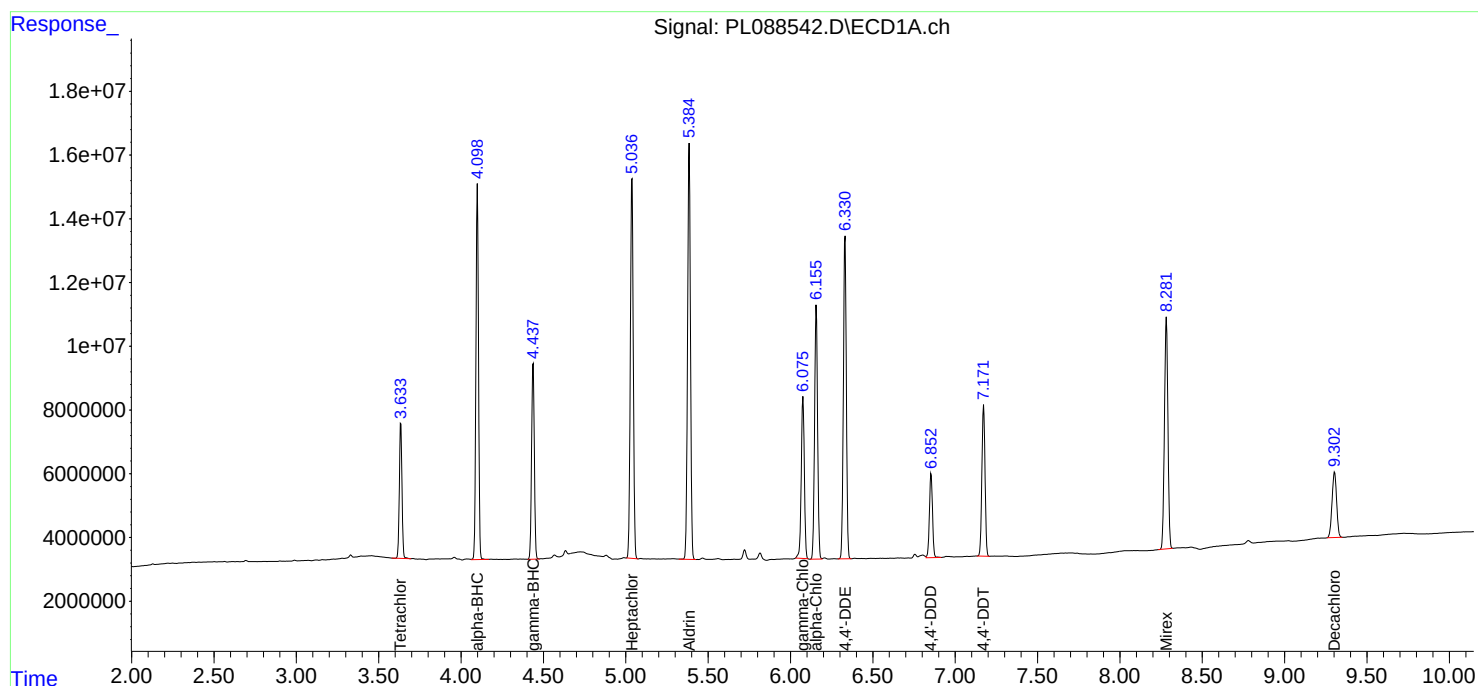
APPROVED

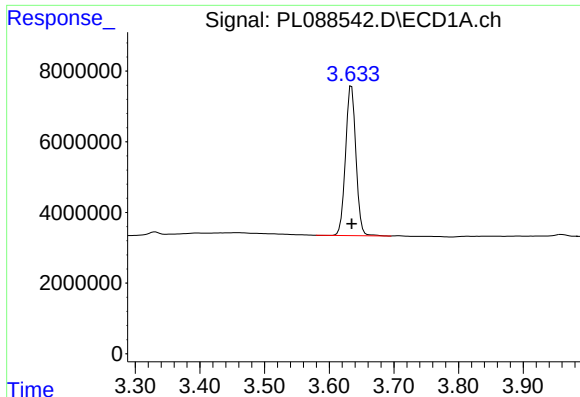
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Integration File signal 1: autoint1.e
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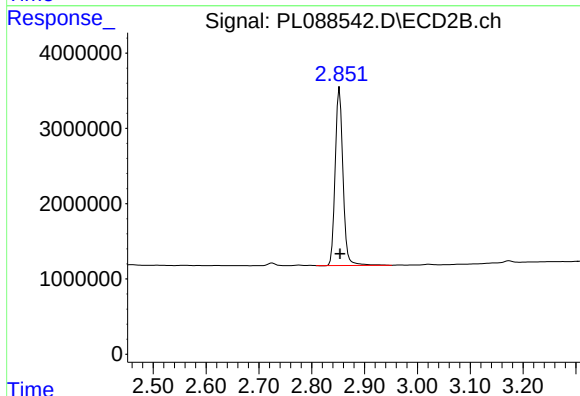
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 47389486
Conc: 17.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-1

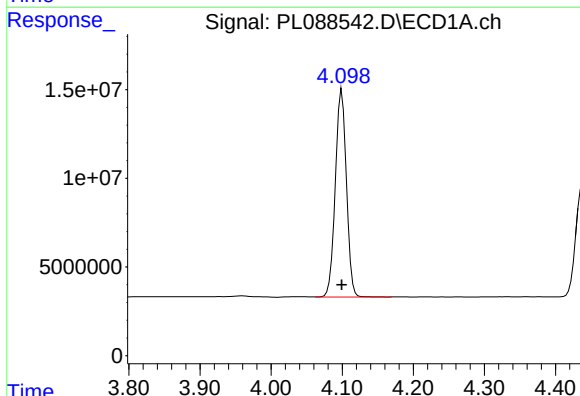
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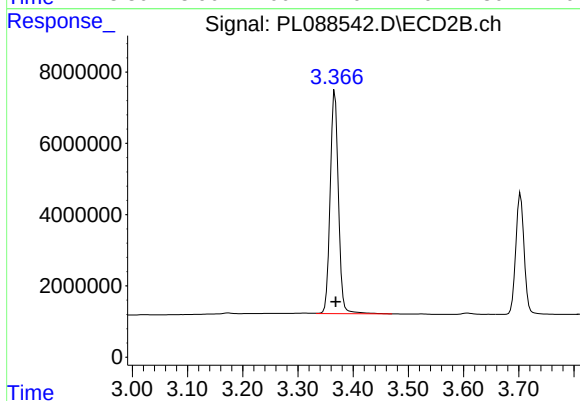
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.001 min
Response: 24217770
Conc: 17.27 ng/ml



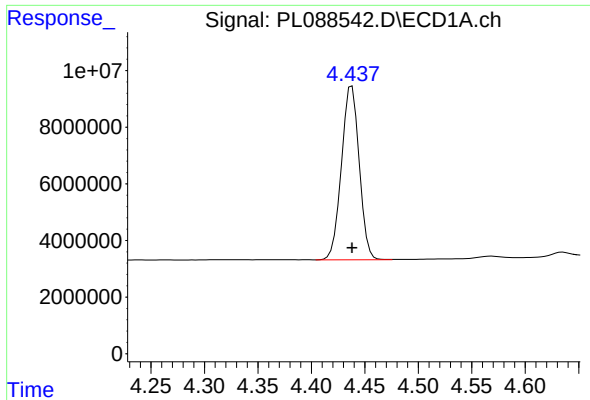
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 126618185
Conc: 30.33 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: -0.002 min
Response: 64949748
Conc: 31.61 ng/ml



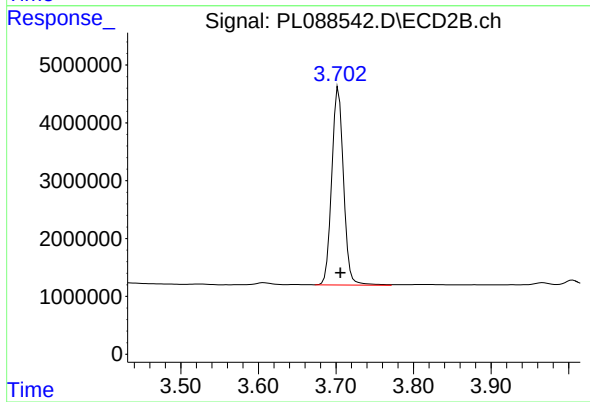
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 70908106
Conc: 17.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-1

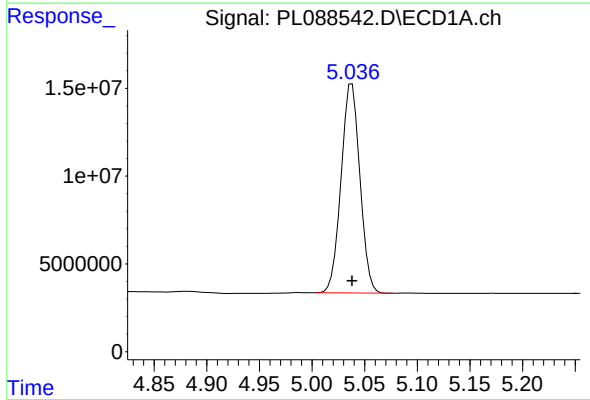
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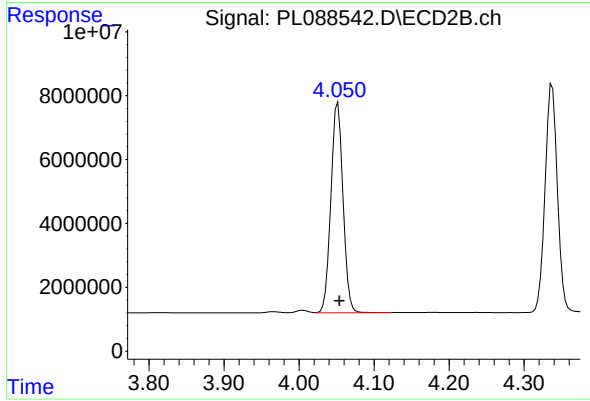
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: -0.002 min
Response: 35981253
Conc: 17.97 ng/ml



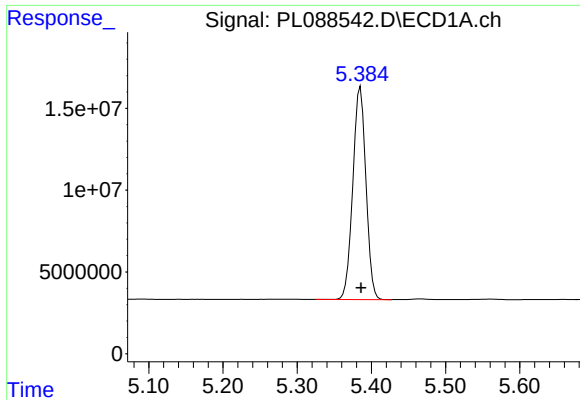
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 148806961
Conc: 38.67 ng/ml



#4 Heptachlor

R.T.: 4.052 min
Delta R.T.: -0.002 min
Response: 73988133
Conc: 40.61 ng/ml



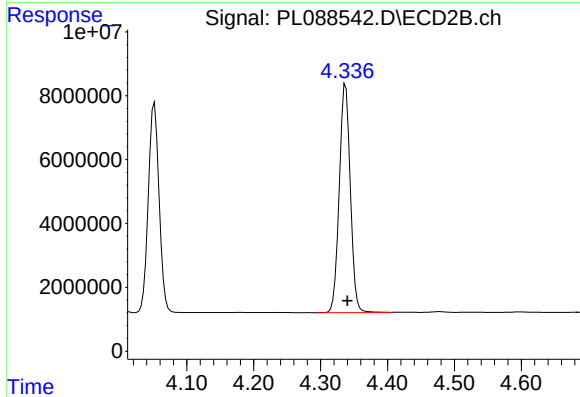
#5 Aldrin

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 159634546
Conc: 41.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-1

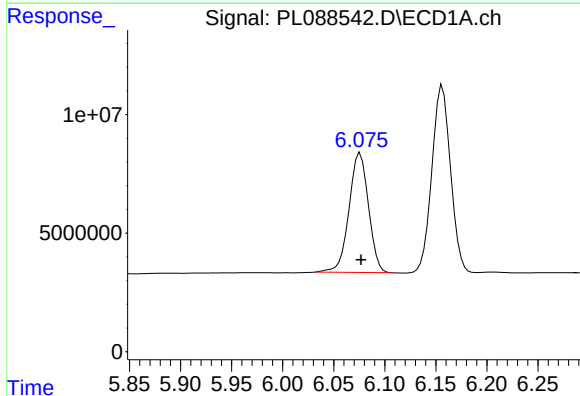
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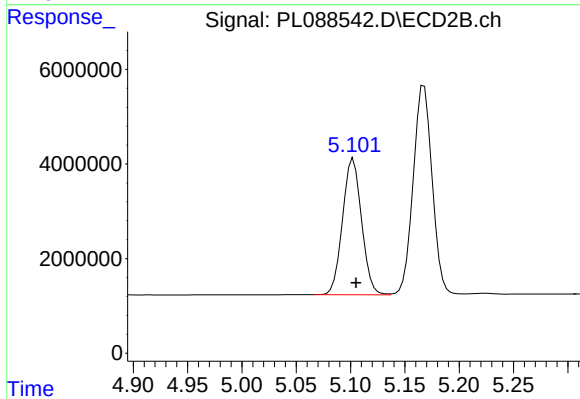
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: -0.003 min
Response: 82034132
Conc: 42.30 ng/ml



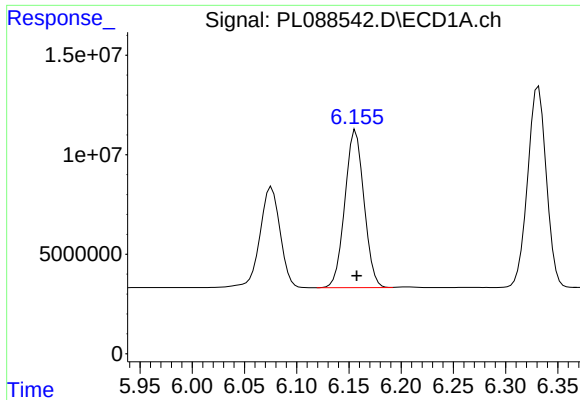
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 66752836
Conc: 19.64 ng/ml m



#10 gamma-Chlordane

R.T.: 5.101 min
Delta R.T.: -0.004 min
Response: 35087589
Conc: 19.67 ng/ml m



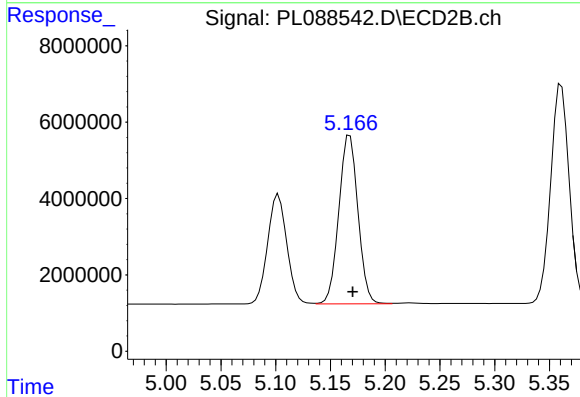
#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 100772879
Conc: 29.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-1

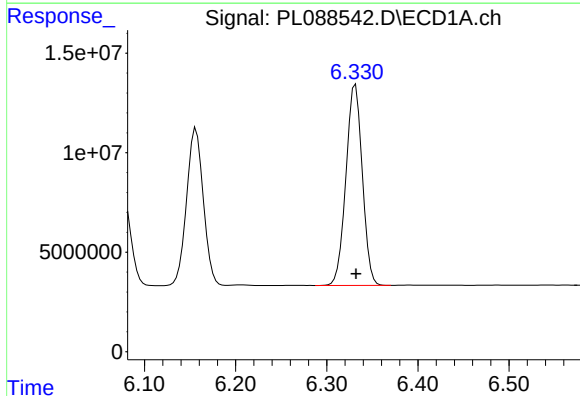
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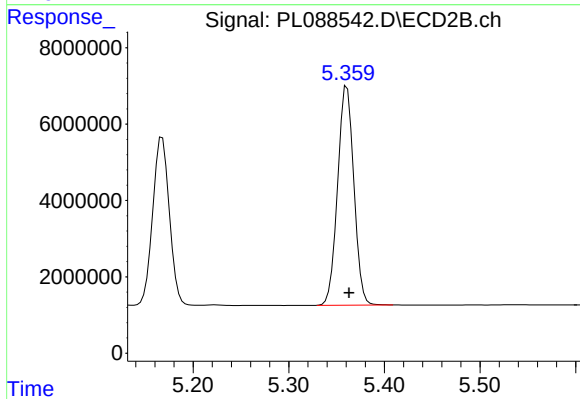
#11 alpha-Chlordane

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 53584983
Conc: 30.08 ng/ml



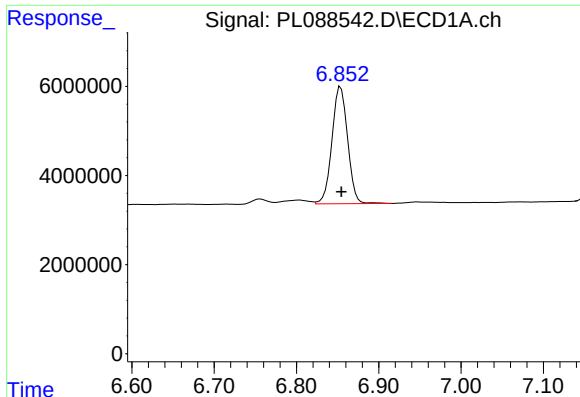
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 125956518
Conc: 41.53 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 67774092
Conc: 42.64 ng/ml



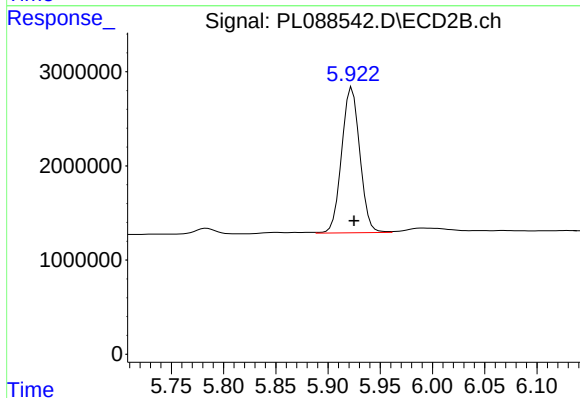
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 34726757
Conc: 13.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-1

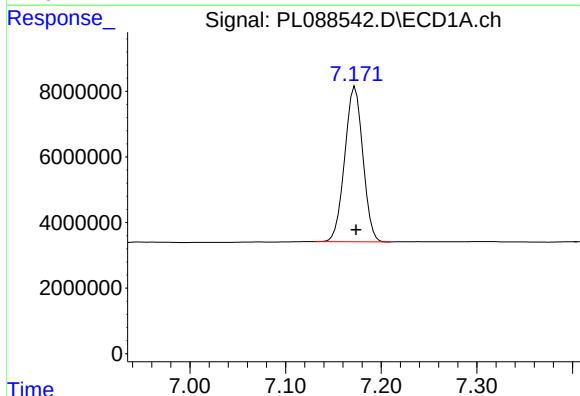
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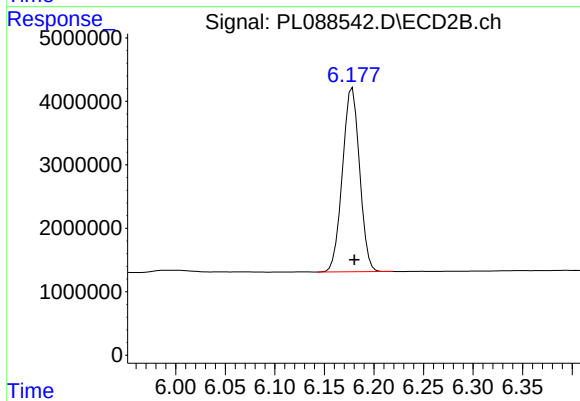
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 18655549
Conc: 13.65 ng/ml



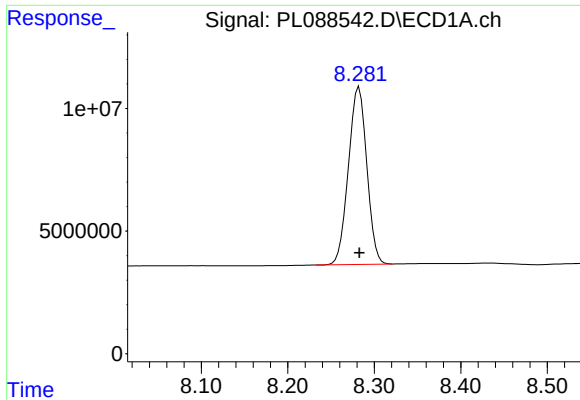
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 62597989
Conc: 23.81 ng/ml



#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 34887498
Conc: 25.55 ng/ml



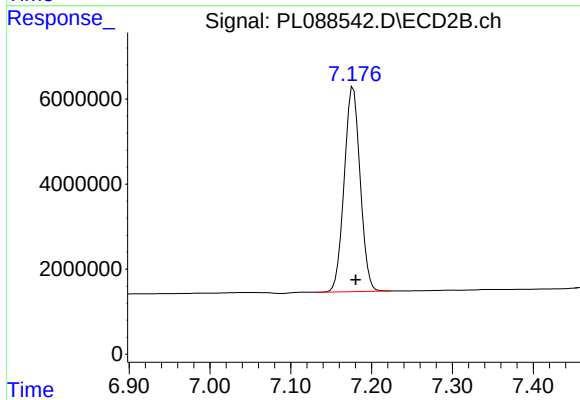
#22 Mirex

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 106567575
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-1

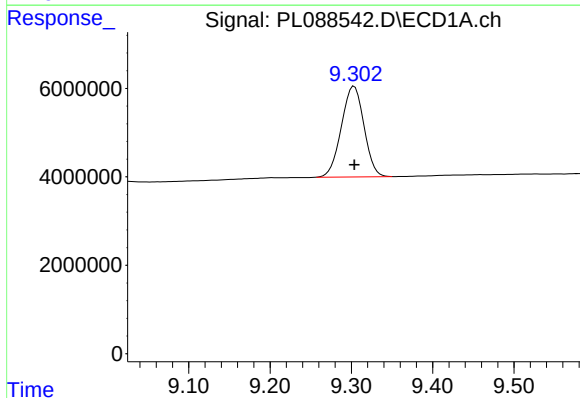
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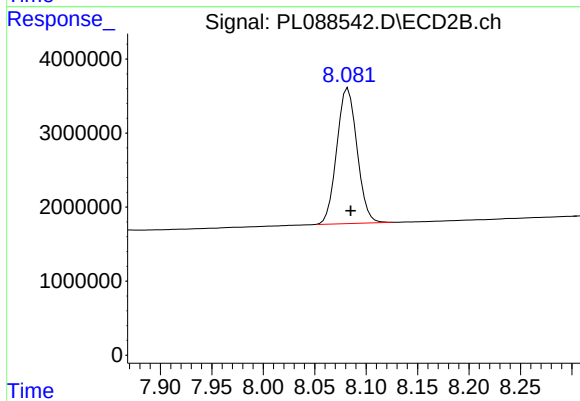
#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 65928360
Conc: 50.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 39613077
Conc: 20.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 25140563
Conc: 19.74 ng/ml