

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031324\
 Data File : PL088545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2024 18:48
 Operator : AR\AJ
 Sample : SOIL IDOC-4
 Misc : FOR EVELYN
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC-4

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 01:32:43 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...	3.633	2.851	52730542	27647922	19.198	19.713
28)	SA Decachlor...	9.303	8.083	43234669	26810044	22.449	21.056
Target Compounds							
2)	A alpha-BHC	4.098	3.364	143.7E6	74650387	34.415	36.329m
3)	MA gamma-BHC...	4.436	3.703	77064700	39790925	19.030	19.870
4)	MA Heptachlor	5.037	4.051	175.4E6	89045753	45.573	48.879
5)	MB Aldrin	5.384	4.337	185.0E6	97370043	48.443	50.205
10)	B gamma-Chl...	6.075	5.103	70653548	38386116	20.791	21.519
11)	B alpha-Chl...	6.156	5.168	112.6E6	60692338	33.007	34.069
12)	B 4,4'-DDE	6.330	5.361	144.5E6	78952664	47.649	49.674
16)	A 4,4'-DDD	6.854	5.923	35988612	19543713	13.875	14.305
17)	MA 4,4'-DDT	7.172	6.178	73485730	41304980	27.950	30.255
22)	Mirex	8.282	7.177	122.2E6	76152414	52.720	58.126

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

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Operator : AR\AJ
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Misc : FOR EVELYN
ALS Vial : 29 Sample Multiplier: 1

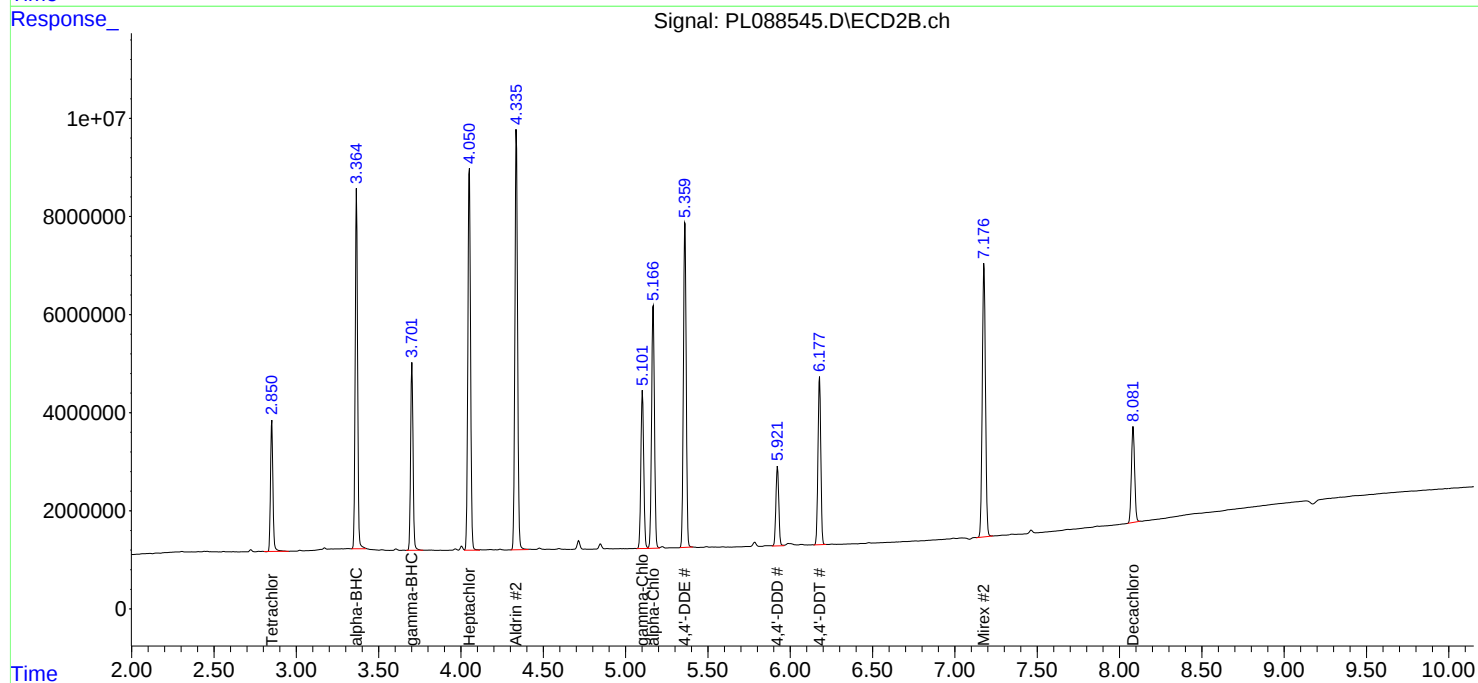
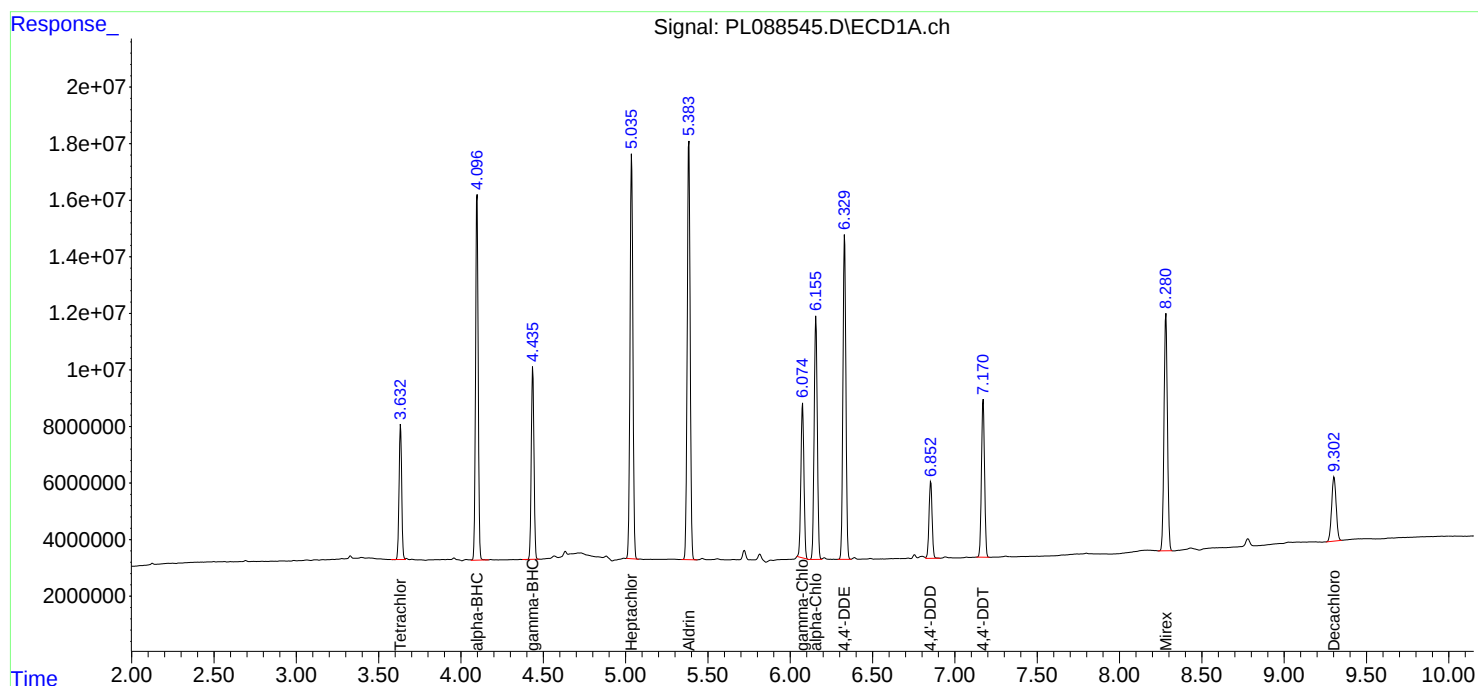
Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

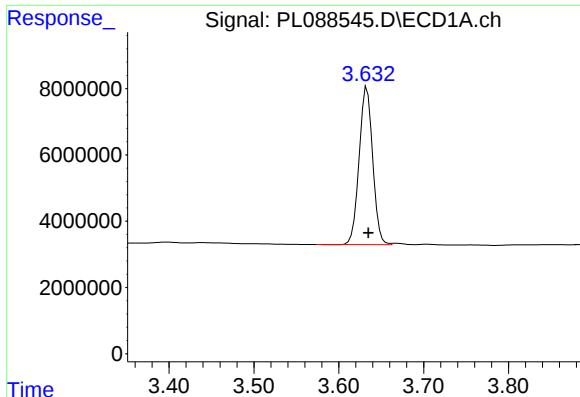
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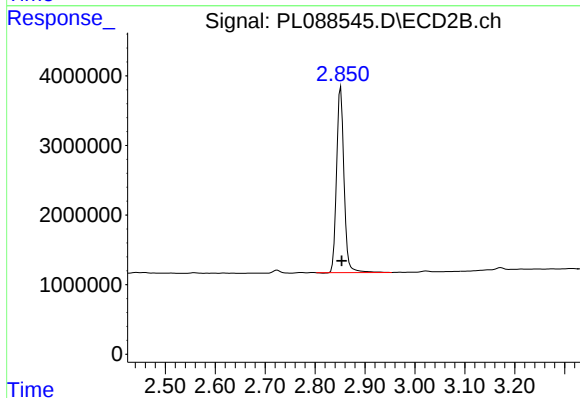
#1 Tetrachloro-m-xylene

R.T.: 3.633 min
Delta R.T.: -0.002 min
Response: 52730542
Conc: 19.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

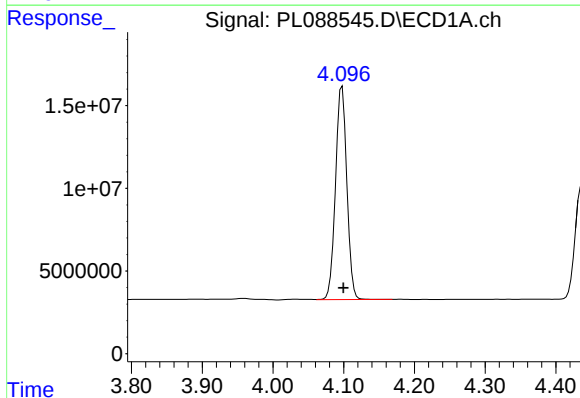
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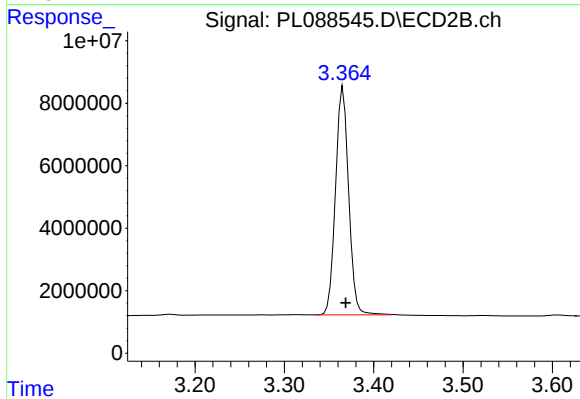
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: -0.002 min
Response: 27647922
Conc: 19.71 ng/ml



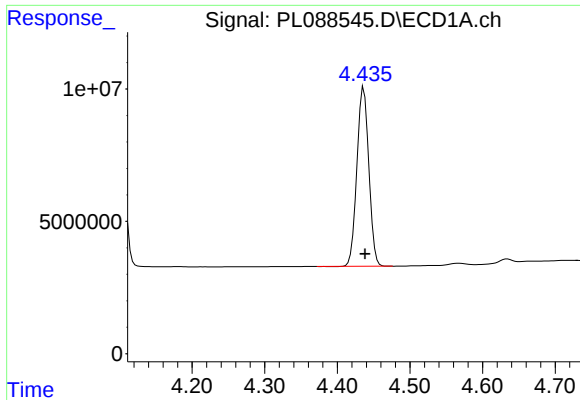
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: -0.002 min
Response: 143654798
Conc: 34.41 ng/ml



#2 alpha-BHC

R.T.: 3.364 min
Delta R.T.: -0.004 min
Response: 74650387
Conc: 36.33 ng/ml m



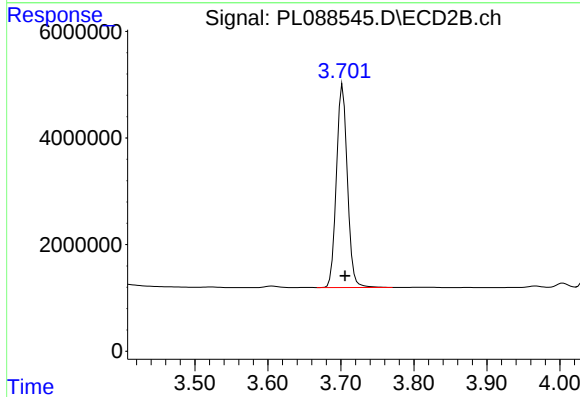
#3 gamma-BHC (Lindane)

R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 77064700
Conc: 19.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

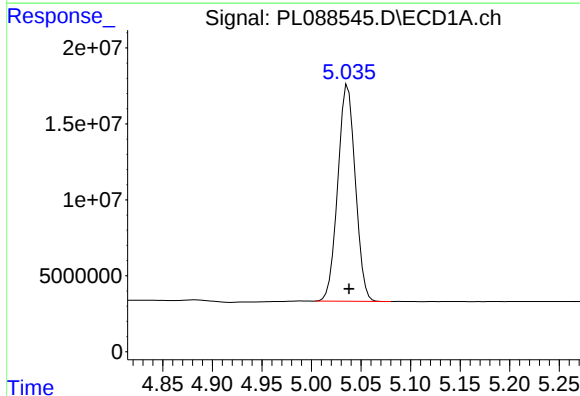
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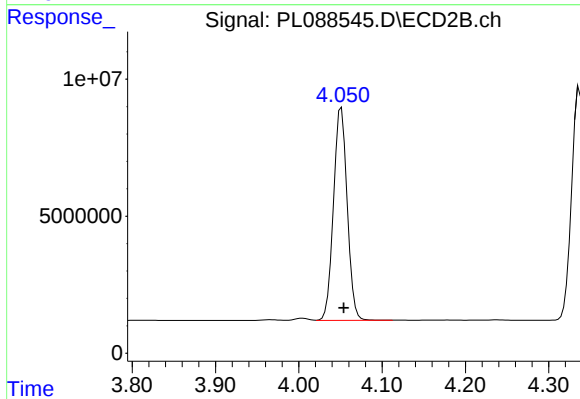
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: -0.003 min
Response: 39790925
Conc: 19.87 ng/ml



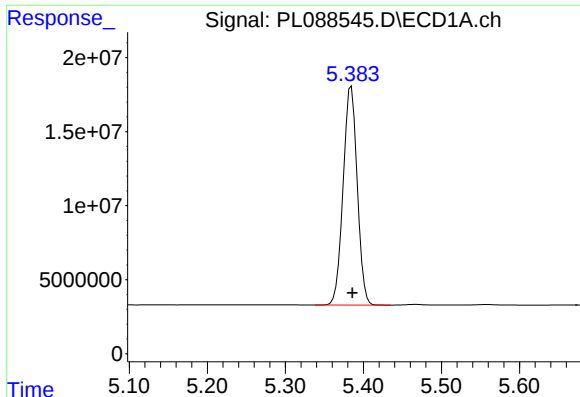
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 175377537
Conc: 45.57 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 89045753
Conc: 48.88 ng/ml



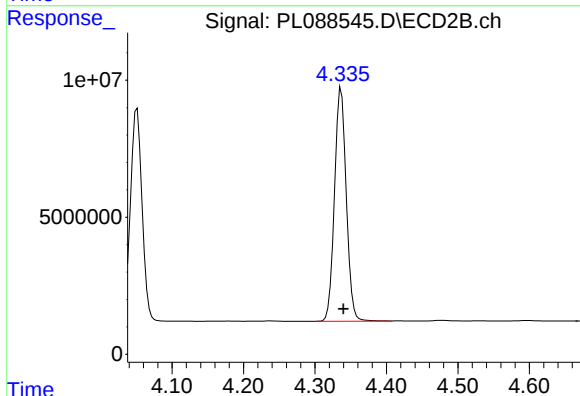
#5 Aldrin

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 184971677
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

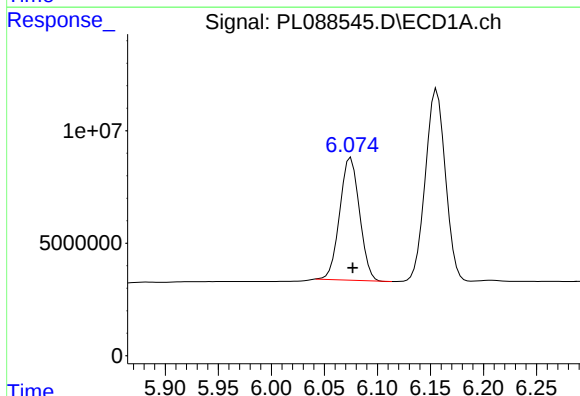
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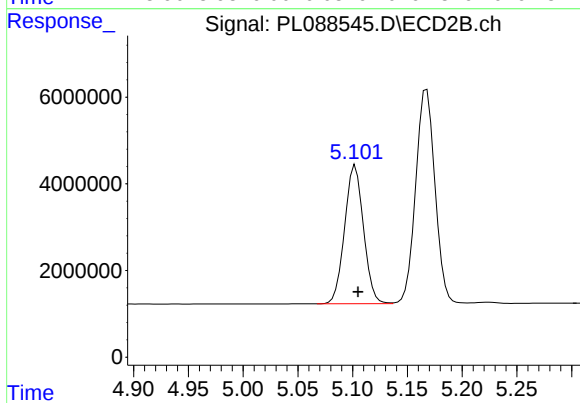
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: -0.003 min
Response: 97370043
Conc: 50.20 ng/ml



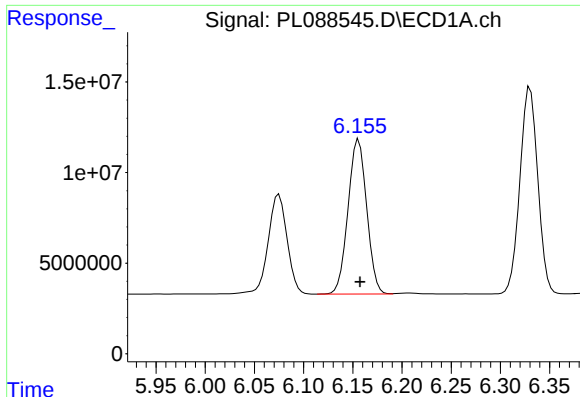
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 70653548
Conc: 20.79 ng/ml



#10 gamma-Chlordane

R.T.: 5.103 min
Delta R.T.: -0.003 min
Response: 38386116
Conc: 21.52 ng/ml



#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 112643637
Conc: 33.01 ng/ml

Instrument :

ECD_L

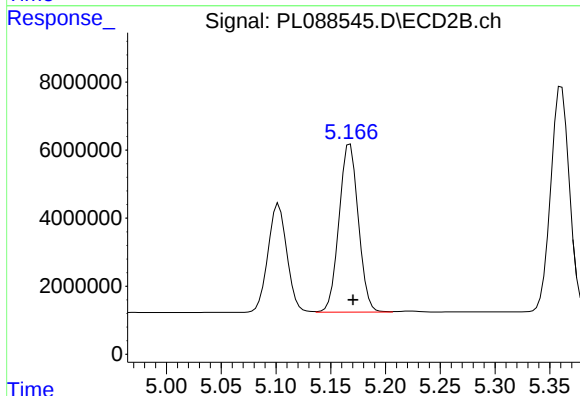
ClientSampleId :

SOIL IDOC-4

Manual Integrations

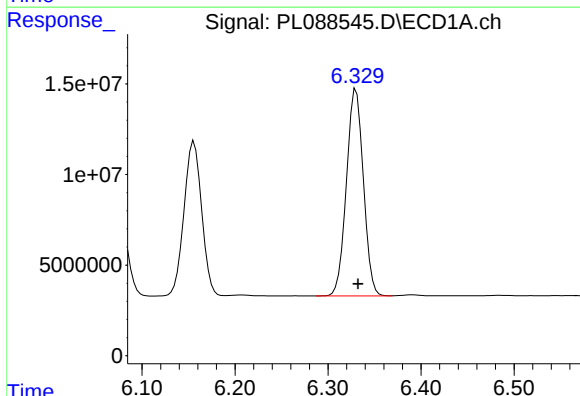
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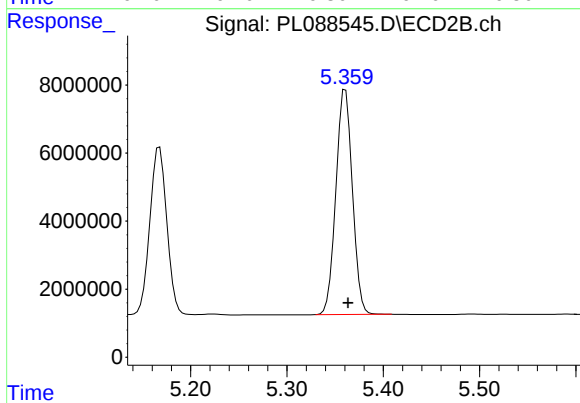
#11 alpha-Chlordane

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 60692338
Conc: 34.07 ng/ml



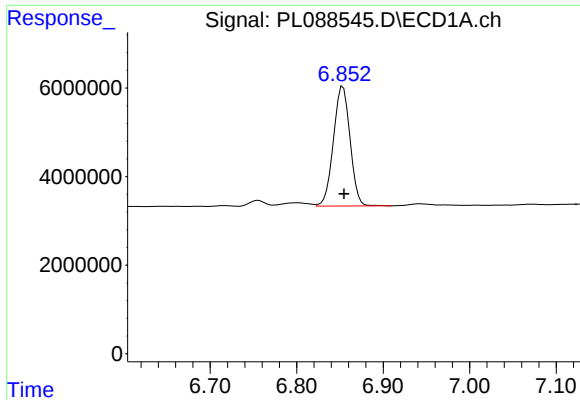
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 144511060
Conc: 47.65 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 78952664
Conc: 49.67 ng/ml



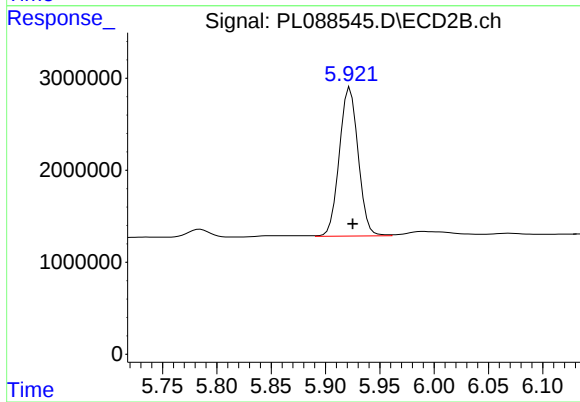
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 35988612
Conc: 13.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

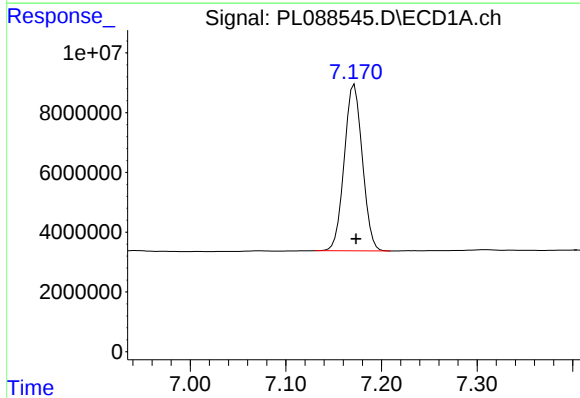
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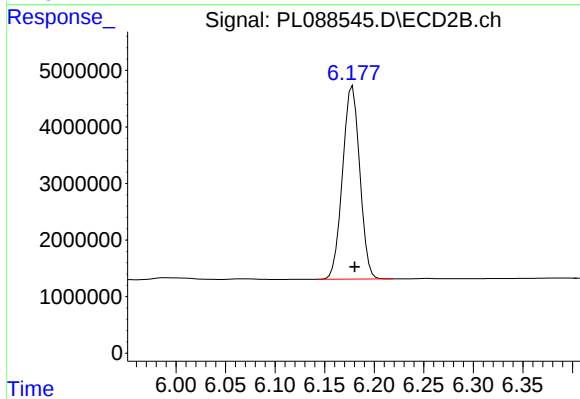
#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 19543713
Conc: 14.30 ng/ml



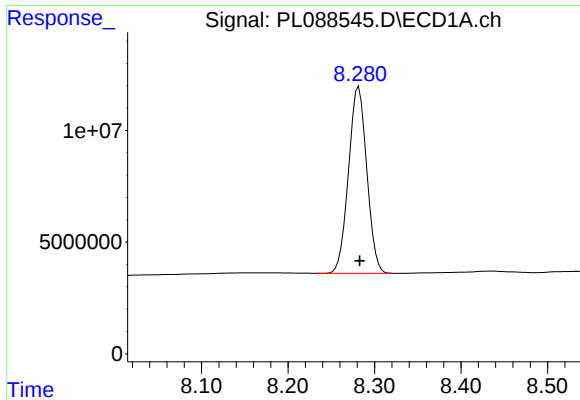
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: -0.002 min
Response: 73485730
Conc: 27.95 ng/ml



#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 41304980
Conc: 30.25 ng/ml



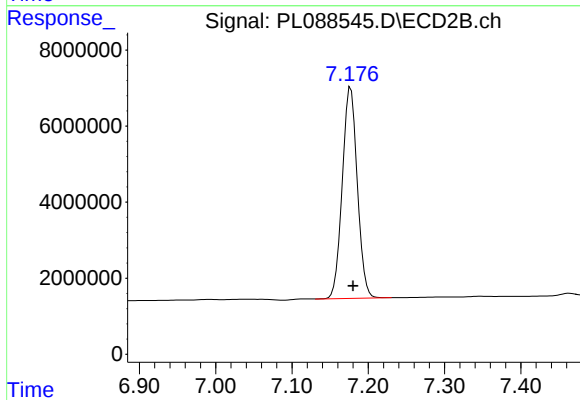
#22 Mirex

R.T.: 8.282 min
Delta R.T.: -0.001 min
Response: 122161251
Conc: 52.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

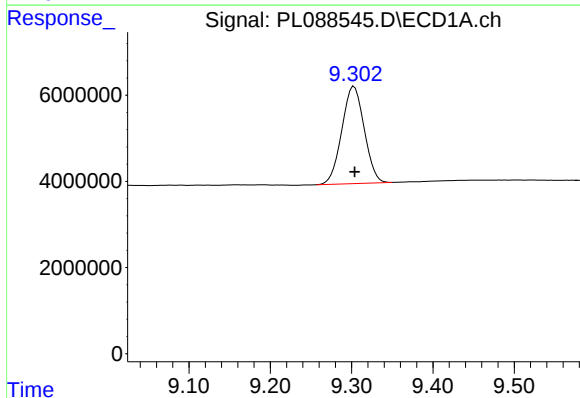
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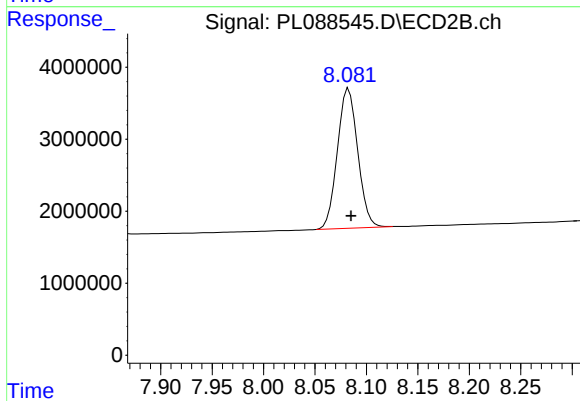
#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 76152414
Conc: 58.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 43234669
Conc: 22.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: -0.002 min
Response: 26810044
Conc: 21.06 ng/ml