

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041119\
 Data File : PL047268.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2019 14:05
 Operator : AJ\SJ
 Sample : SOIL IDOC 04
 Misc : EXTRACTION FOR SS
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC 04

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 01:10:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 2019
 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...	3.356	3.975	144.0E6	47608786	19.795	20.793
28)	SA Decachlor...	8.032	9.026	159.4E6	48004145	18.953	20.705
Target Compounds							
2)	A alpha-BHC	3.785	4.365	598.3E6	167.1E6	51.307	52.008
3)	MA gamma-BHC...	4.062	4.649	543.0E6	157.8E6	50.534	52.739
4)	MA Heptachlor	4.349	5.153	581.3E6	165.5E6	52.727	53.819m
5)	MB Aldrin	4.589	5.458	550.4E6	156.1E6	53.361	54.494
6)	B beta-BHC	4.316	4.822	221.7E6	69696969	49.237	52.574
7)	B delta-BHC	4.511	5.038	511.3E6	105.4E6	50.510	45.434
8)	B Heptachlo...	5.026	5.843	501.3E6	121.0E6	51.396	45.887m
9)	A Endosulfan I	5.358	6.201	478.3E6	134.1E6	50.875	51.388
10)	B gamma-Chl...	5.249	6.079	525.0E6	145.0E6	51.108	51.074
11)	B alpha-Chl...	5.305	6.151	513.0E6	145.2E6	50.599	51.192
12)	B 4,4'-DDE	5.471	6.310	475.8E6	129.5E6	51.675m	52.168
13)	MA Dieldrin	5.598	6.458	513.5E6	137.6E6	51.167	50.771
14)	MA Endrin	5.851	6.675	482.8E6	124.3E6	51.259	52.006
15)	B Endosulfa...	6.125	6.886	438.2E6	119.8E6	48.911	49.640
16)	A 4,4'-DDD	5.984	6.799	382.4E6	103.7E6	50.584	51.523
17)	MA 4,4'-DDT	6.218	7.096	402.8E6	111.2E6	53.179	53.042m
18)	B Endrin al...	6.292	7.009	361.1E6	103.7E6	48.175	48.844
19)	B Endosulfa...	6.503	7.232	416.4E6	119.0E6	50.706	50.440
20)	A Methoxychlor	6.763	7.556	206.9E6	67889920	48.693	53.256
21)	B Endrin ke...	6.987	7.702	462.3E6	128.0E6	49.996	51.536
22)	Mirex	7.163	8.153	344.5E6	99257679	47.289	49.625

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041119\
 Data File : PL047268.D
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 Acq On : 11 Apr 2019 14:05
 Operator : AJ\SJ
 Sample : SOIL IDOC 04
 Misc : EXTRACTION FOR SS
 ALS Vial : 9 Sample Multiplier: 1

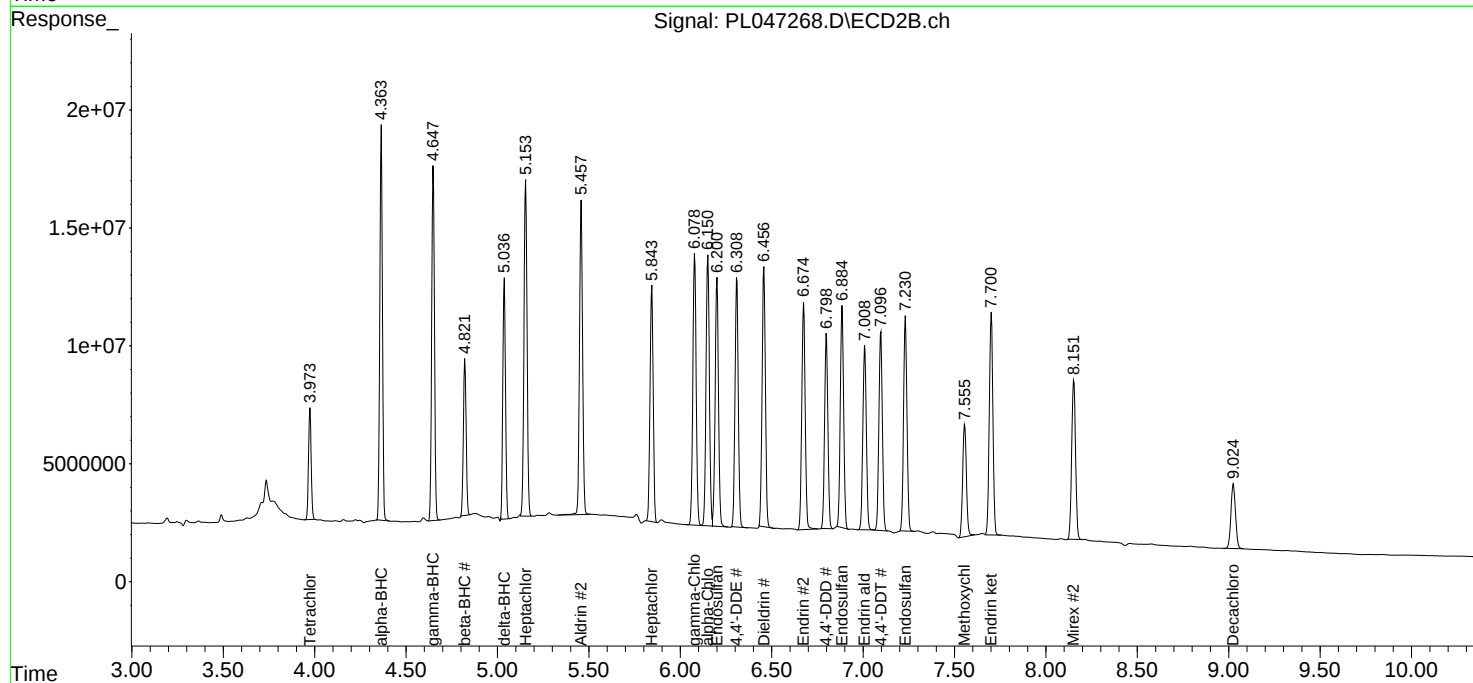
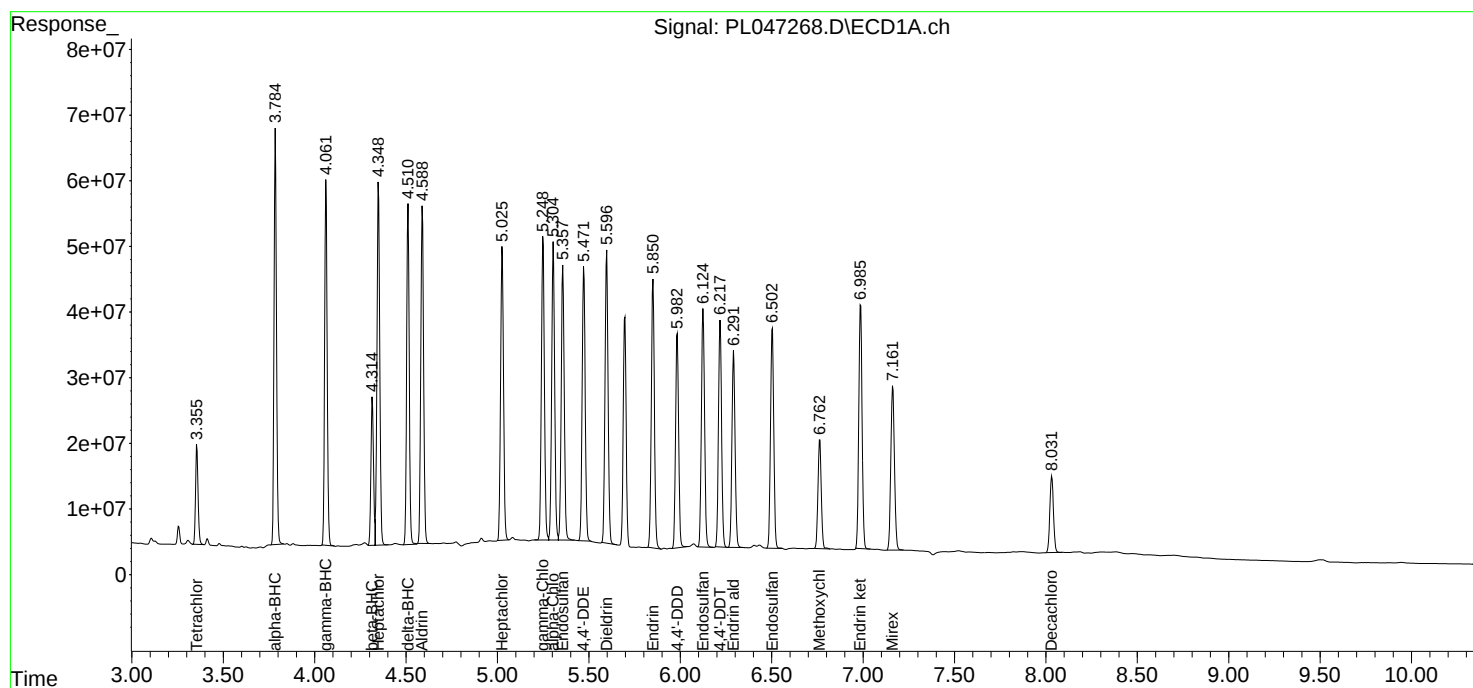
Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC 04

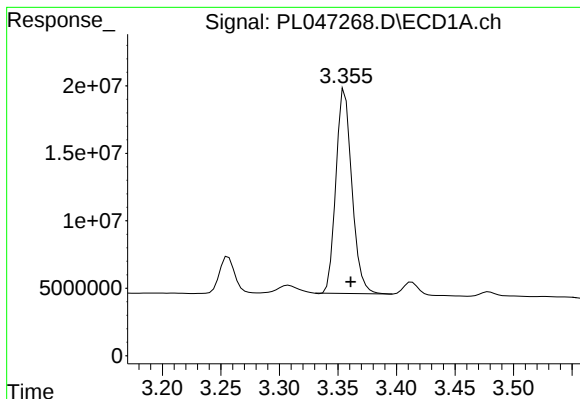
Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 01:10:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
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Volume Inj. : 1 µl
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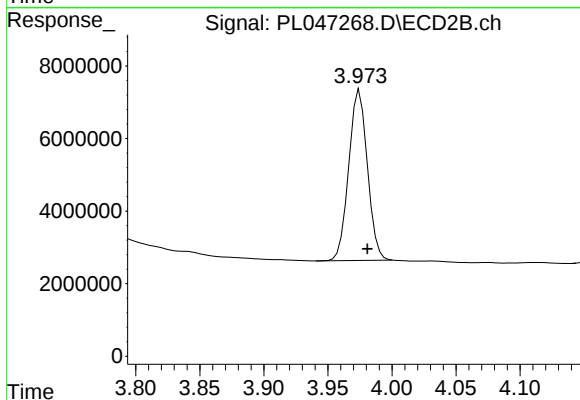
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.005 min
Response: 143999415
Conc: 19.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

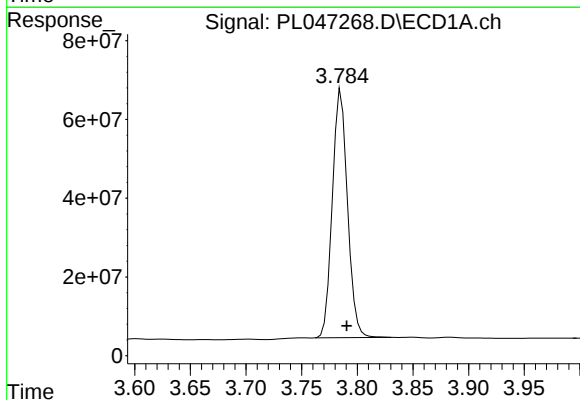
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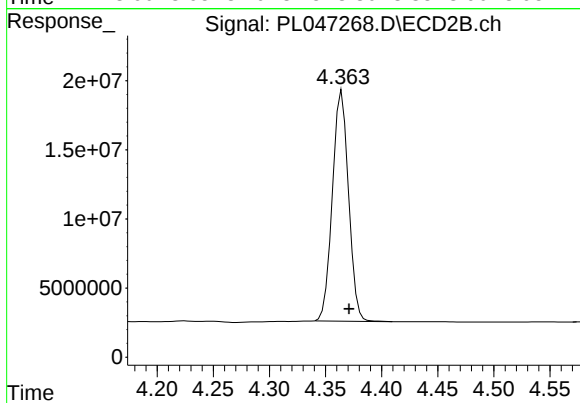
#1 Tetrachloro-m-xylene

R.T.: 3.975 min
Delta R.T.: -0.006 min
Response: 47608786
Conc: 20.79 ng/ml



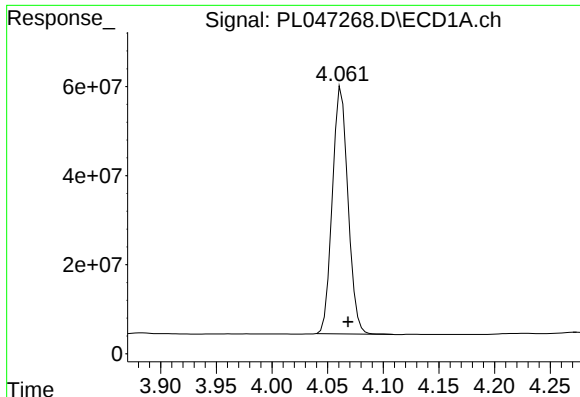
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: -0.005 min
Response: 598338198
Conc: 51.31 ng/ml



#2 alpha-BHC

R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 167117493
Conc: 52.01 ng/ml



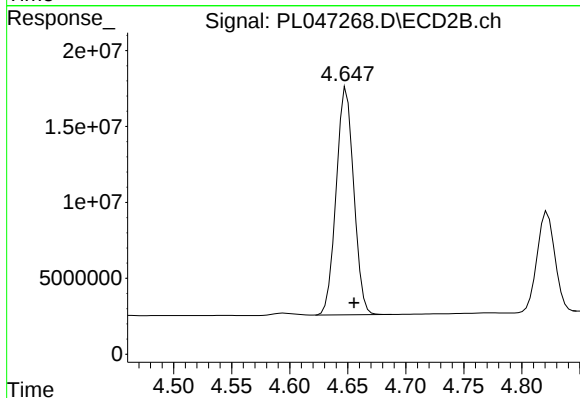
#3 gamma-BHC (Lindane)

R.T.: 4.062 min
Delta R.T.: -0.006 min
Response: 542962761
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

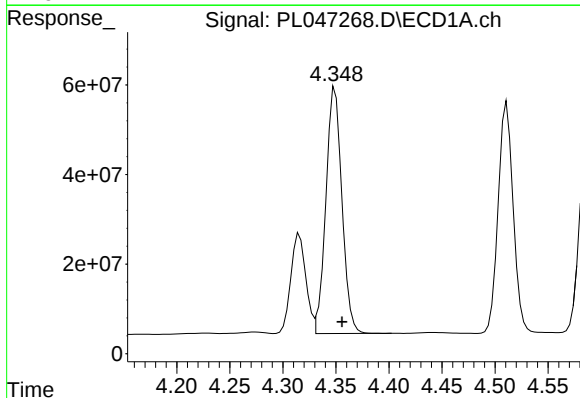
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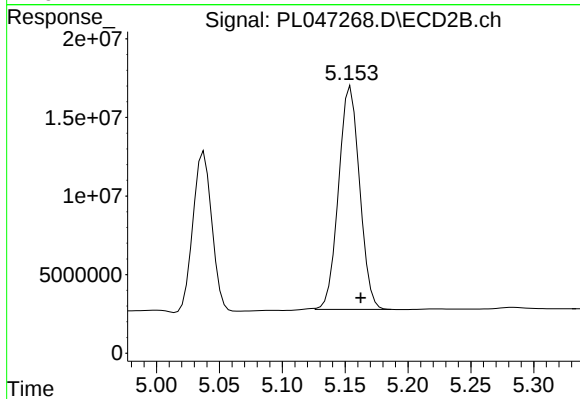
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.007 min
Response: 157848676
Conc: 52.74 ng/ml



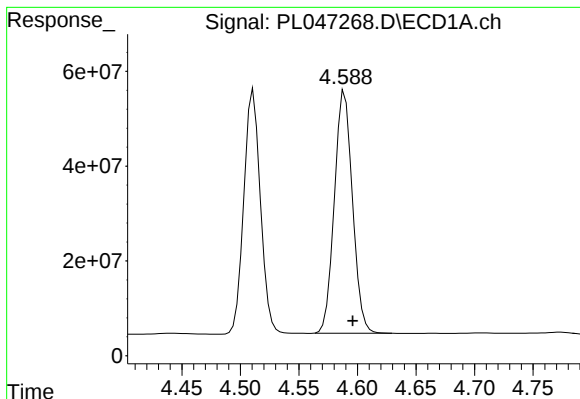
#4 Heptachlor

R.T.: 4.349 min
Delta R.T.: -0.006 min
Response: 581318961
Conc: 52.73 ng/ml



#4 Heptachlor

R.T.: 5.153 min
Delta R.T.: -0.009 min
Response: 165539933
Conc: 53.82 ng/ml m



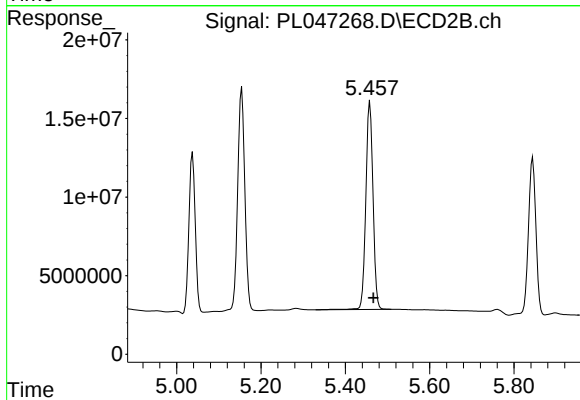
#5 Aldrin

R.T.: 4.589 min
Delta R.T.: -0.007 min
Response: 550420547
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

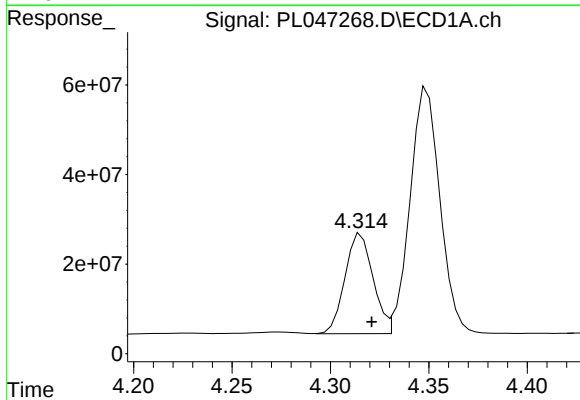
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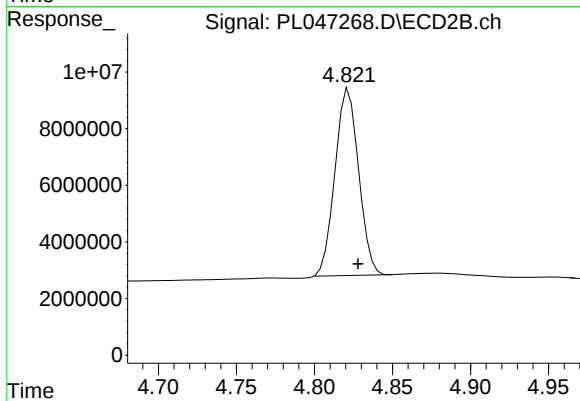
#5 Aldrin

R.T.: 5.458 min
Delta R.T.: -0.008 min
Response: 156123635
Conc: 54.49 ng/ml



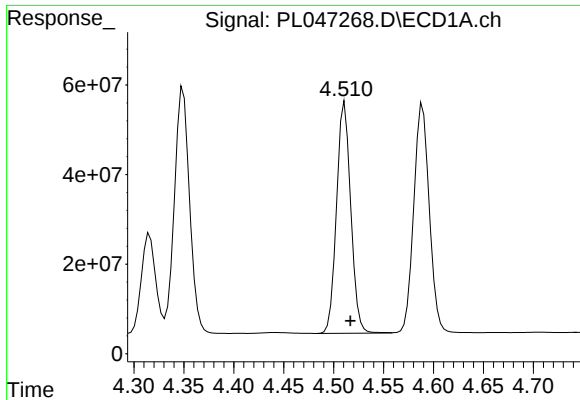
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: -0.005 min
Response: 221686394
Conc: 49.24 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: -0.006 min
Response: 69696969
Conc: 52.57 ng/ml



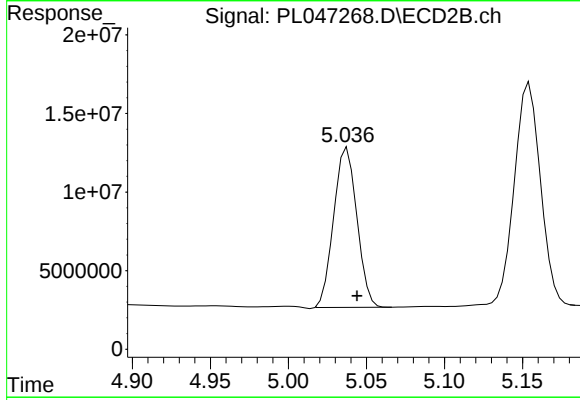
#7 delta-BHC

R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 511315633
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

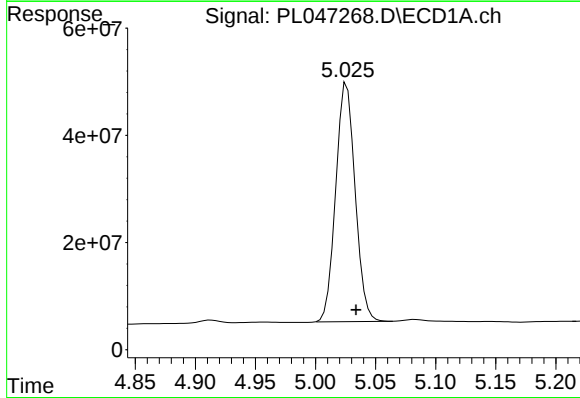
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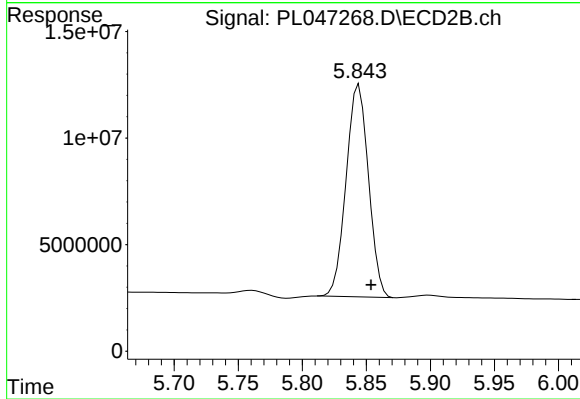
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: -0.006 min
Response: 105414592
Conc: 45.43 ng/ml



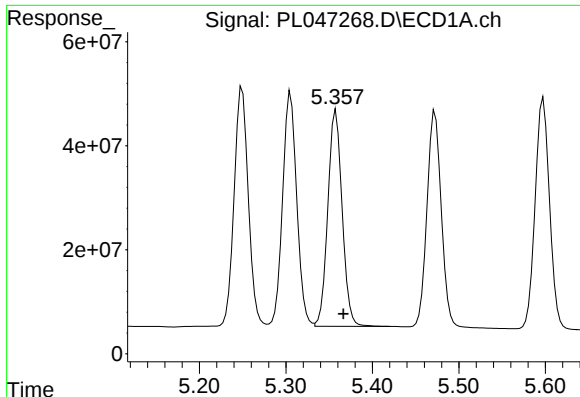
#8 Heptachlor epoxide

R.T.: 5.026 min
Delta R.T.: -0.008 min
Response: 501294309
Conc: 51.40 ng/ml



#8 Heptachlor epoxide

R.T.: 5.843 min
Delta R.T.: -0.011 min
Response: 121012145
Conc: 45.89 ng/ml m



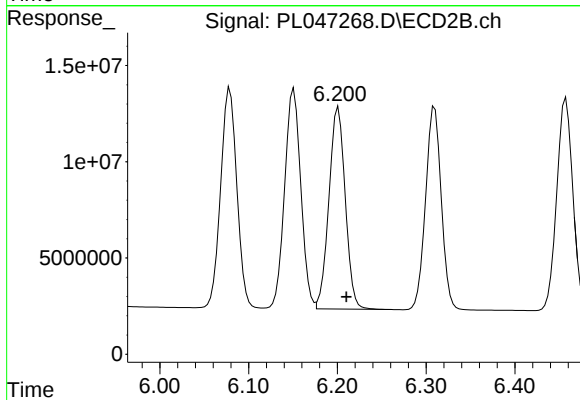
#9 Endosulfan I

R.T.: 5.358 min
Delta R.T.: -0.008 min
Response: 478340209
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

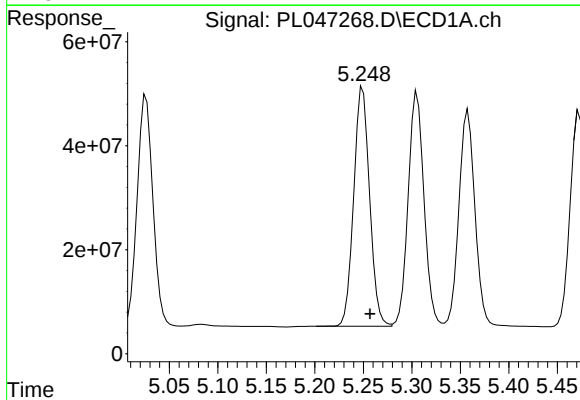
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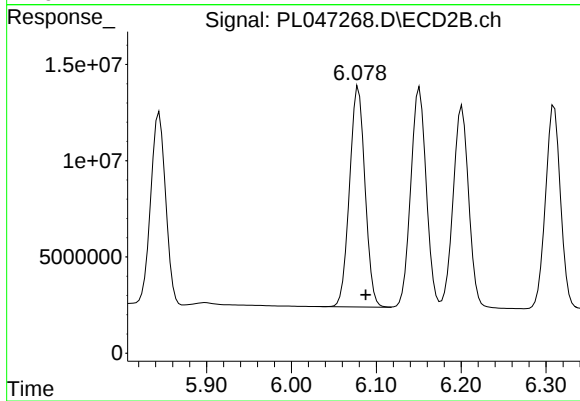
#9 Endosulfan I

R.T.: 6.201 min
Delta R.T.: -0.009 min
Response: 134115417
Conc: 51.39 ng/ml



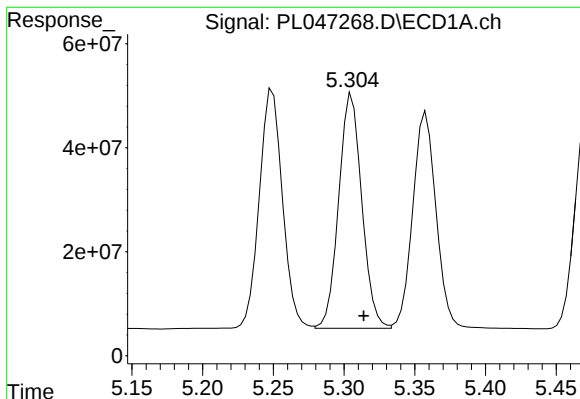
#10 gamma-Chlordane

R.T.: 5.249 min
Delta R.T.: -0.008 min
Response: 525007964
Conc: 51.11 ng/ml



#10 gamma-Chlordane

R.T.: 6.079 min
Delta R.T.: -0.009 min
Response: 144953360
Conc: 51.07 ng/ml



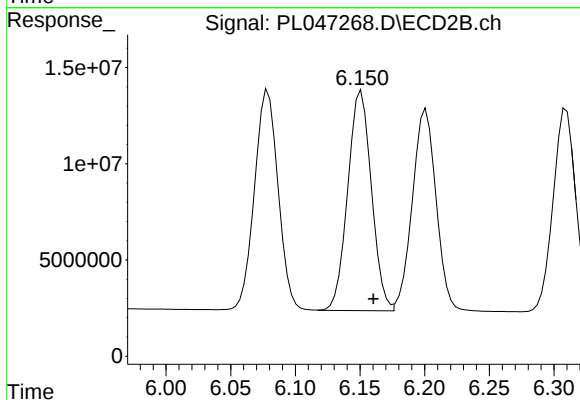
#11 alpha-Chlordane

R.T.: 5.305 min
Delta R.T.: -0.009 min
Response: 513021210
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

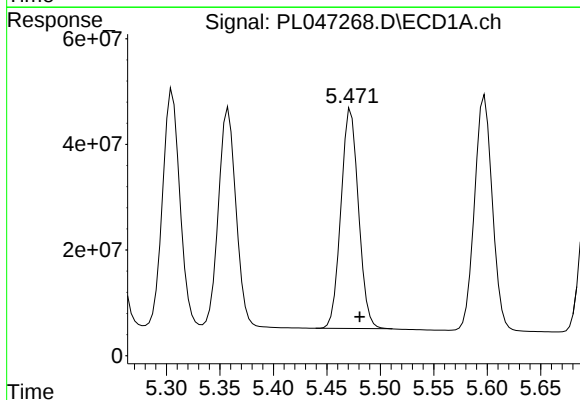
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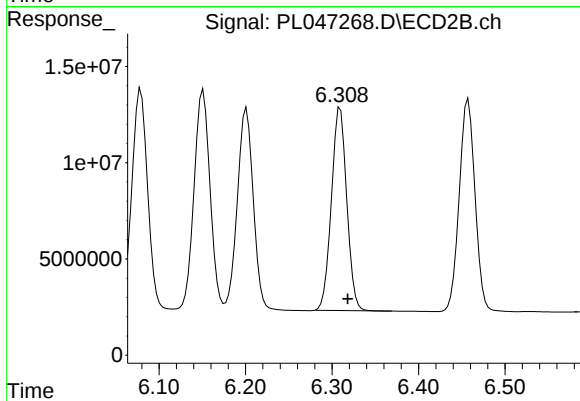
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 145215654
Conc: 51.19 ng/ml



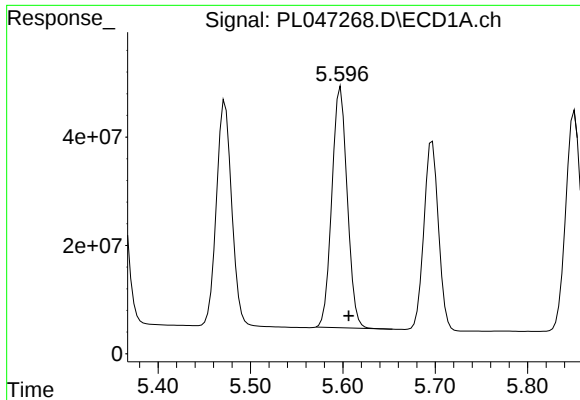
#12 4,4'-DDE

R.T.: 5.471 min
Delta R.T.: -0.010 min
Response: 475771026
Conc: 51.68 ng/ml m



#12 4,4'-DDE

R.T.: 6.310 min
Delta R.T.: -0.008 min
Response: 129499512
Conc: 52.17 ng/ml



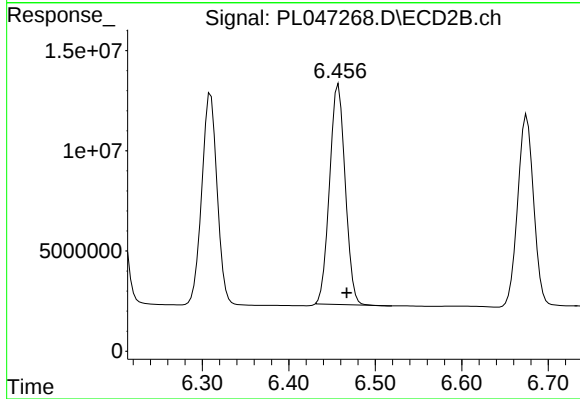
#13 Dieldrin

R.T.: 5.598 min
Delta R.T.: -0.009 min
Response: 513487242
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

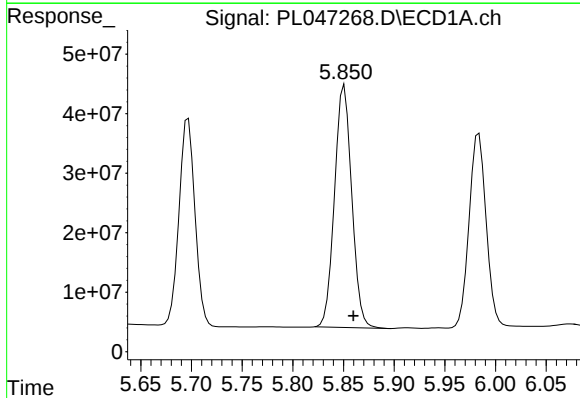
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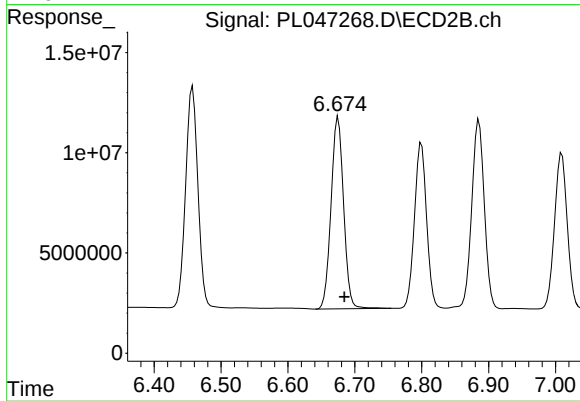
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 137623317
Conc: 50.77 ng/ml



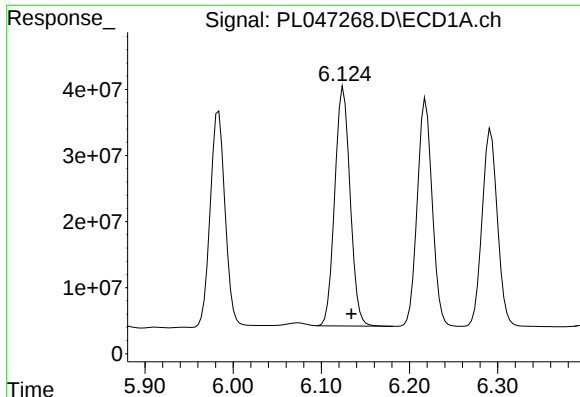
#14 Endrin

R.T.: 5.851 min
Delta R.T.: -0.009 min
Response: 482821471
Conc: 51.26 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: -0.009 min
Response: 124282357
Conc: 52.01 ng/ml



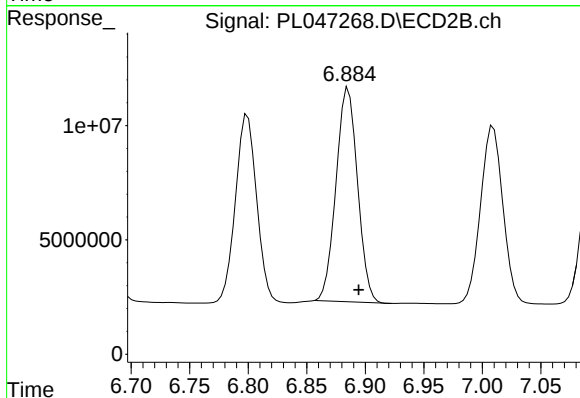
#15 Endosulfan II

R.T.: 6.125 min
Delta R.T.: -0.009 min
Response: 438224982
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

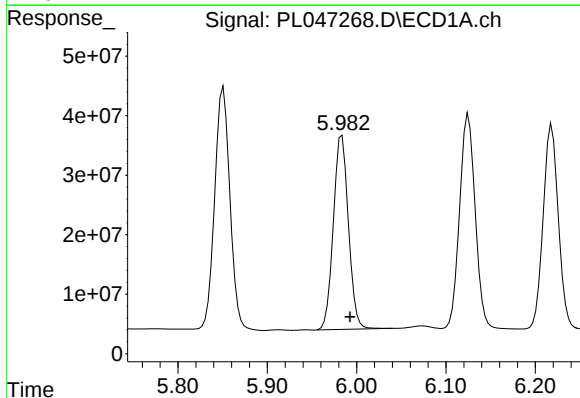
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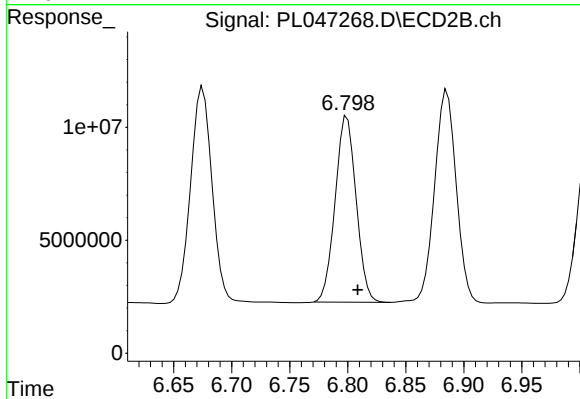
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 119776931
Conc: 49.64 ng/ml



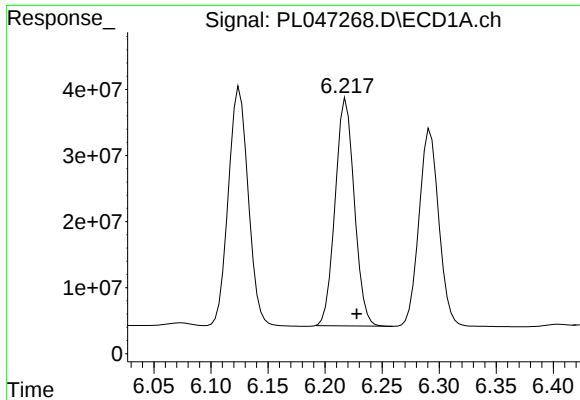
#16 4,4'-DDD

R.T.: 5.984 min
Delta R.T.: -0.009 min
Response: 382367265
Conc: 50.58 ng/ml



#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: -0.009 min
Response: 103666829
Conc: 51.52 ng/ml



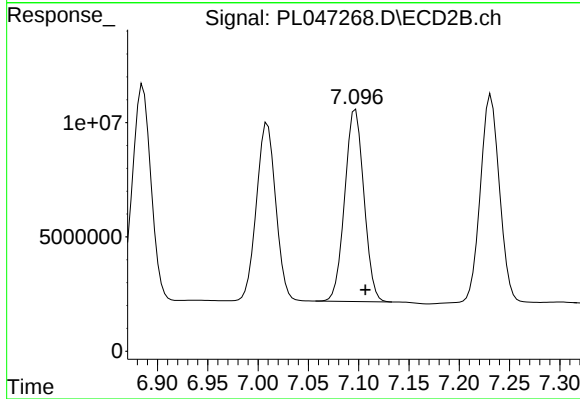
#17 4,4'-DDT

R.T.: 6.218 min
Delta R.T.: -0.009 min
Response: 402799526
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

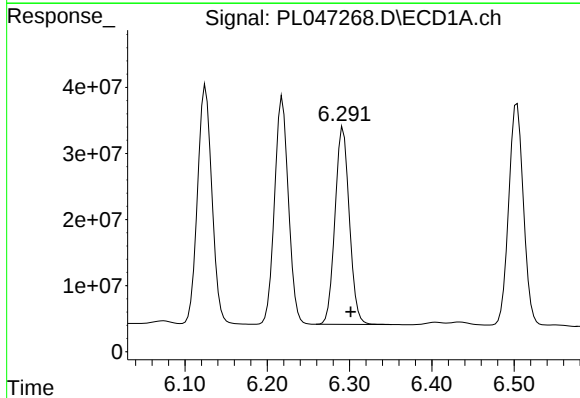
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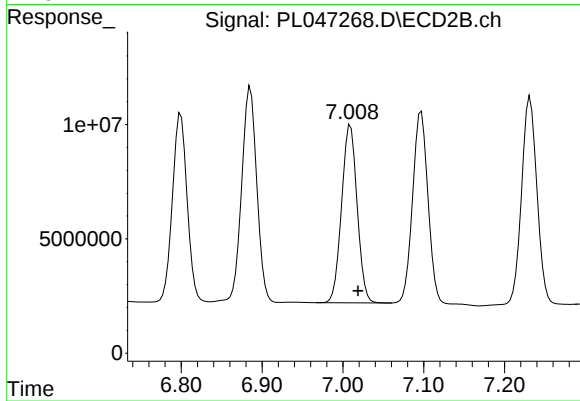
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: -0.011 min
Response: 111227198
Conc: 53.04 ng/ml m



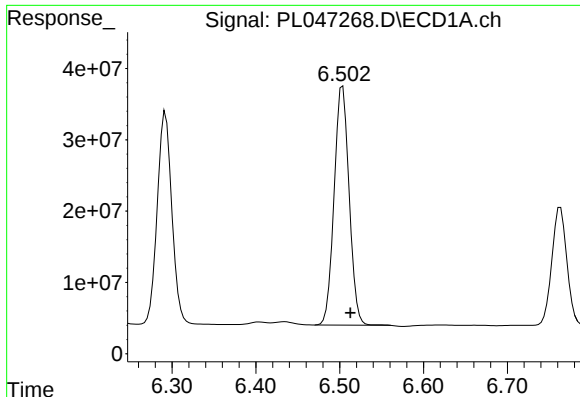
#18 Endrin aldehyde

R.T.: 6.292 min
Delta R.T.: -0.009 min
Response: 361075751
Conc: 48.17 ng/ml



#18 Endrin aldehyde

R.T.: 7.009 min
Delta R.T.: -0.009 min
Response: 103743899
Conc: 48.84 ng/ml



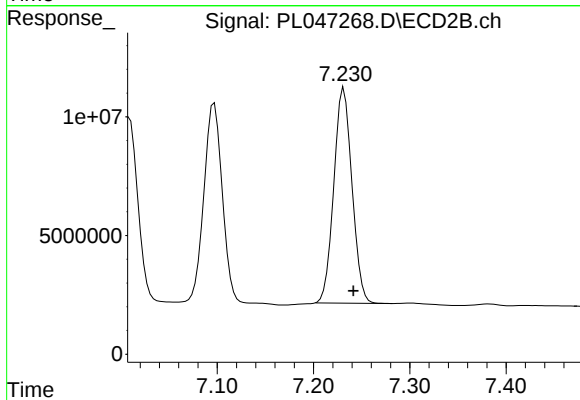
#19 Endosulfan Sulfate

R.T.: 6.503 min
Delta R.T.: -0.009 min
Response: 416357003
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

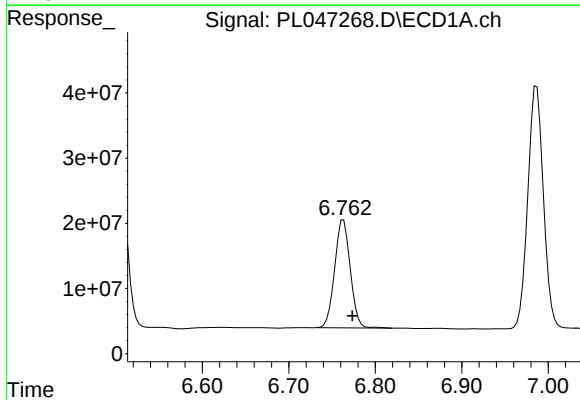
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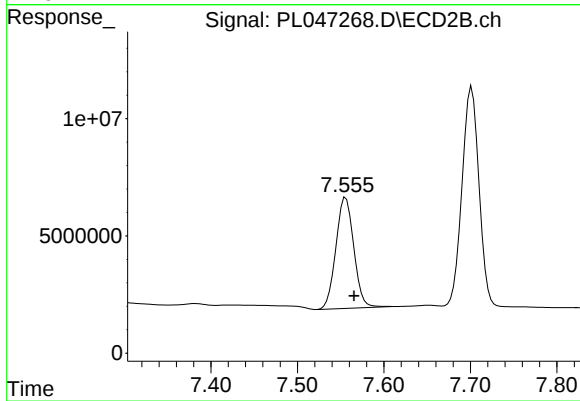
#19 Endosulfan Sulfate

R.T.: 7.232 min
Delta R.T.: -0.010 min
Response: 118987345
Conc: 50.44 ng/ml



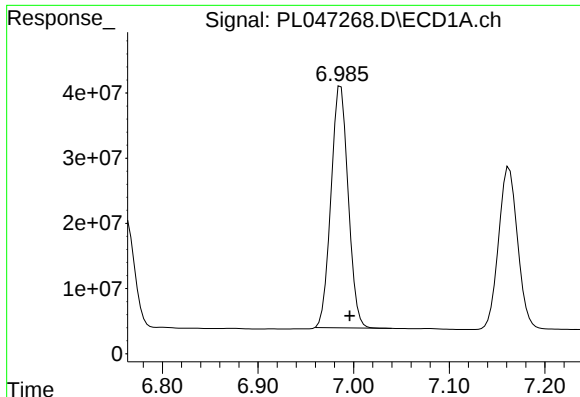
#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: -0.010 min
Response: 206940911
Conc: 48.69 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: -0.009 min
Response: 67889920
Conc: 53.26 ng/ml



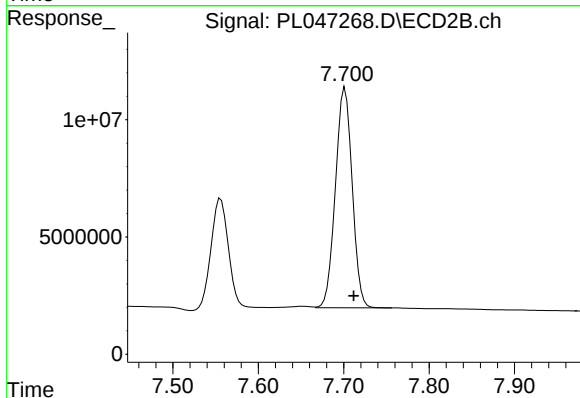
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.010 min
Response: 462300397
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

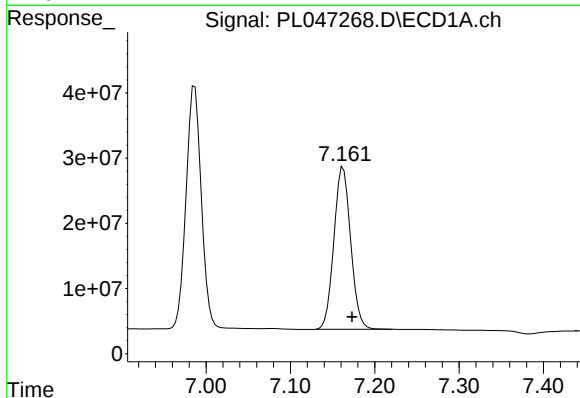
Manual Integrations
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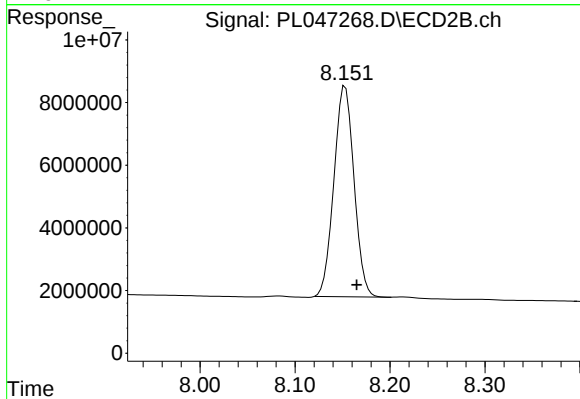
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: -0.010 min
Response: 128043851
Conc: 51.54 ng/ml



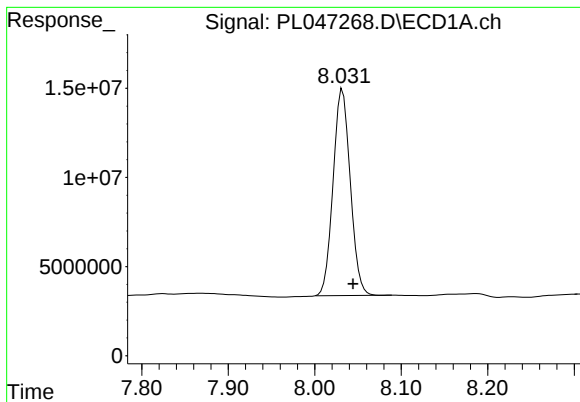
#22 Mirex

R.T.: 7.163 min
Delta R.T.: -0.011 min
Response: 344522195
Conc: 47.29 ng/ml



#22 Mirex

R.T.: 8.153 min
Delta R.T.: -0.012 min
Response: 99257679
Conc: 49.62 ng/ml



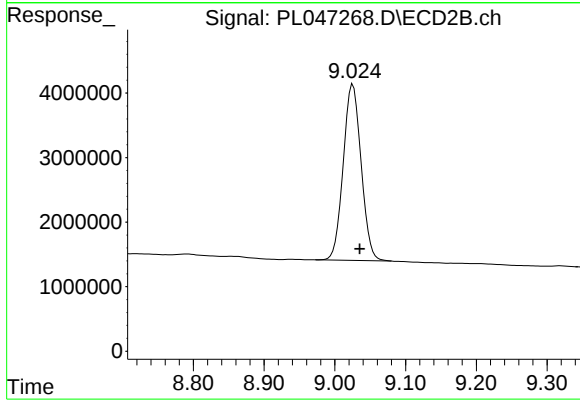
#28 Decachlorobiphenyl

R.T.: 8.032 min
Delta R.T.: -0.012 min
Response: 159412084
Conc: 18.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 04

Manual Integrations
APPROVED

Sohil
4/12/2019 10:42:35 AM



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 48004145
Conc: 20.71 ng/ml