

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041119\
 Data File : PL047267.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2019 13:50
 Operator : AJ\SJ
 Sample : SOIL IDOC 03
 Misc : EXTRACTION FOR SS
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC 03

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 01:09:57 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	141.8E6	46467082	19.497	20.295
28)	SA Decachlor...	8.032	9.026	163.3E6	49355403	19.419	21.288
Target Compounds							
2)	A alpha-BHC	3.786	4.365	589.6E6	163.9E6	50.554	50.991
3)	MA gamma-BHC...	4.063	4.649	531.2E6	155.0E6	49.435	51.799
4)	MA Heptachlor	4.349	5.155	571.2E6	158.7E6	51.813	51.582
5)	MB Aldrin	4.590	5.459	542.3E6	152.8E6	52.577	53.349
6)	B beta-BHC	4.316	4.823	219.4E6	67914446	48.719	51.229
7)	B delta-BHC	4.511	5.038	509.1E6	104.4E6	50.288	44.983
8)	B Heptachlo...	5.027	5.843	492.5E6	118.9E6	50.496	45.096m
9)	A Endosulfan I	5.358	6.201	472.6E6	132.7E6	50.269	50.849
10)	B gamma-Chl...	5.249	6.079	518.7E6	142.7E6	50.491	50.266
11)	B alpha-Chl...	5.305	6.151	507.5E6	143.6E6	50.053	50.617
12)	B 4,4'-DDE	5.472	6.309	462.3E6	128.7E6	50.214	51.837
13)	MA Dieldrin	5.598	6.458	512.1E6	136.8E6	51.026	50.479
14)	MA Endrin	5.850	6.675	481.3E6	123.9E6	51.102	51.831
15)	B Endosulfa...	6.125	6.885	437.1E6	119.1E6	48.780	49.366
16)	A 4,4'-DDD	5.984	6.800	379.6E6	103.3E6	50.217	51.332
17)	MA 4,4'-DDT	6.218	7.096	401.8E6	111.1E6	53.052	53.002m
18)	B Endrin al...	6.292	7.009	361.4E6	103.5E6	48.220	48.724
19)	B Endosulfa...	6.503	7.232	420.4E6	119.6E6	51.204	50.684
20)	A Methoxychlor	6.763	7.556	205.0E6	68175398	48.246	53.480
21)	B Endrin ke...	6.985	7.701	466.0E6	128.8E6	50.393m	51.857
22)	Mirex	7.162	8.153	343.3E6	99523783	47.123	49.758

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041119\
Data File : PL047267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2019 13:50
Operator : AJ\SJ
Sample : SOIL IDOC 03
Misc : EXTRACTION FOR SS
ALS Vial : 8 Sample Multiplier: 1

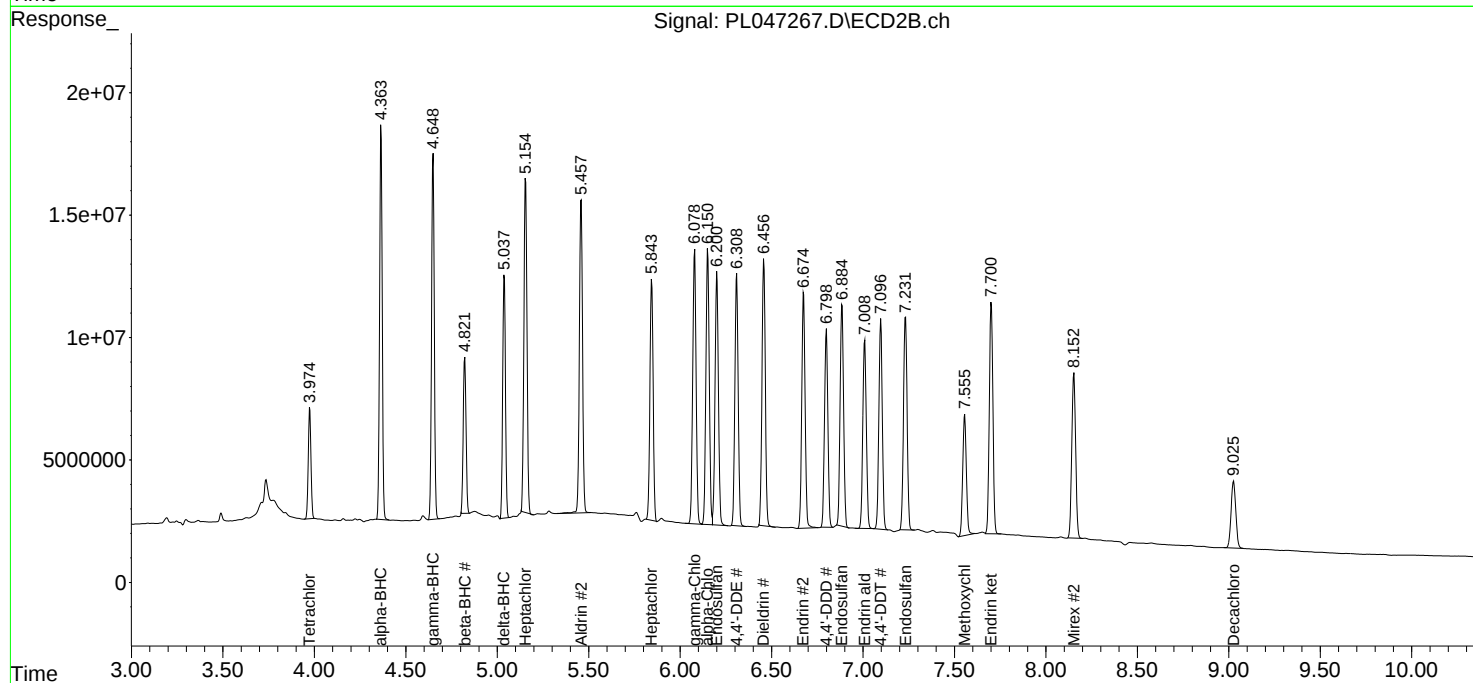
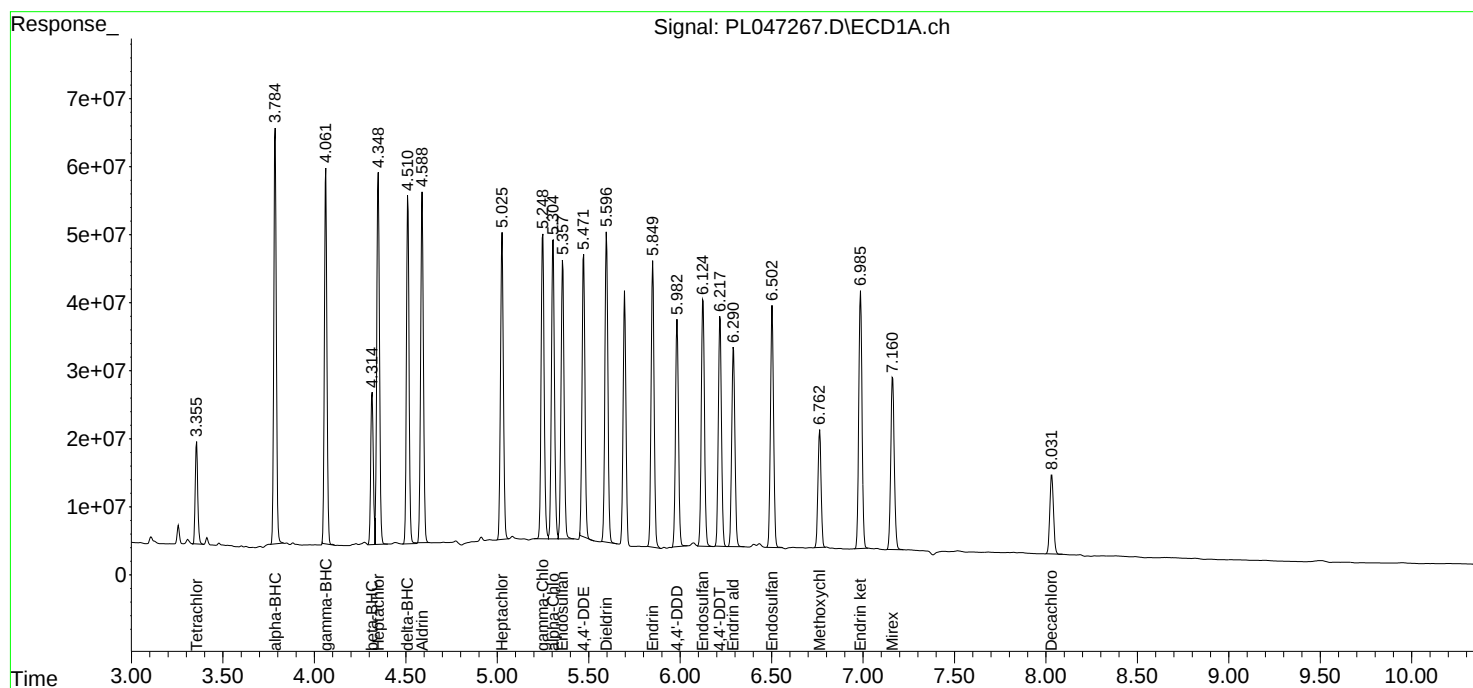
Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

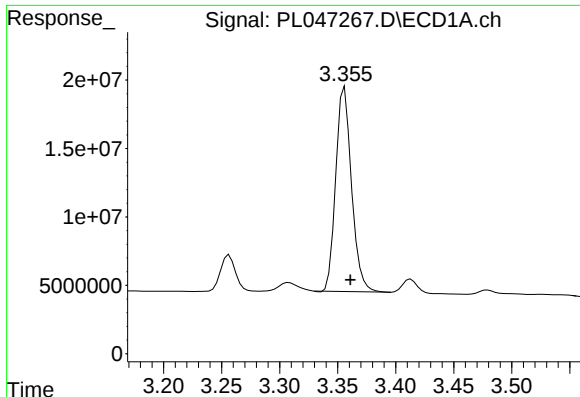
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 01:09:57 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
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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





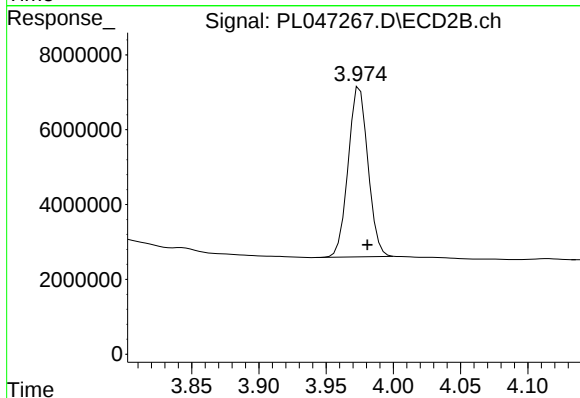
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.005 min
Response: 141833515
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

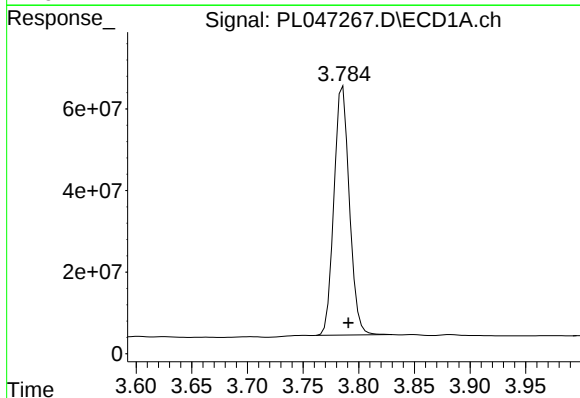
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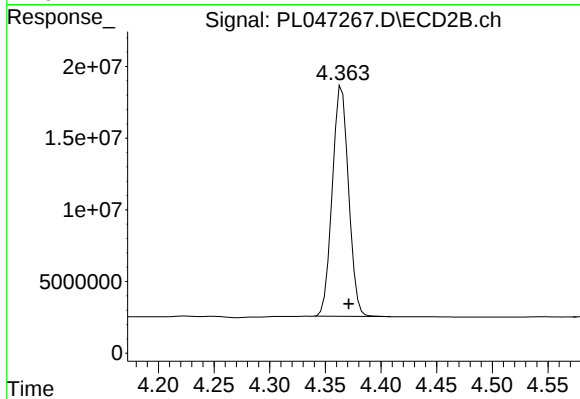
#1 Tetrachloro-m-xylene

R.T.: 3.975 min
Delta R.T.: -0.006 min
Response: 46467082
Conc: 20.29 ng/ml



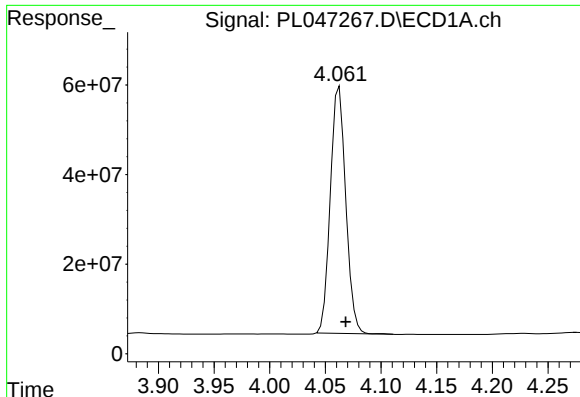
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: -0.005 min
Response: 589562006
Conc: 50.55 ng/ml



#2 alpha-BHC

R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 163850612
Conc: 50.99 ng/ml



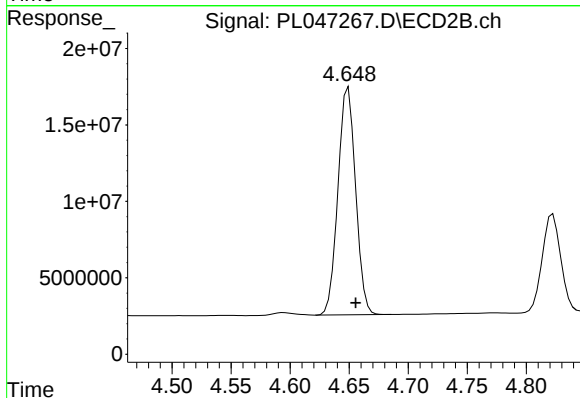
#3 gamma-BHC (Lindane)

R.T.: 4.063 min
Delta R.T.: -0.006 min
Response: 531158436
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

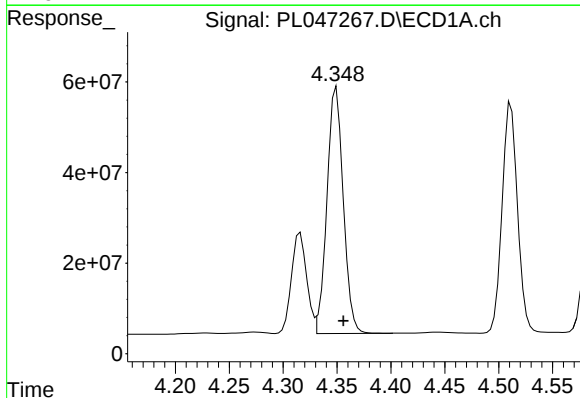
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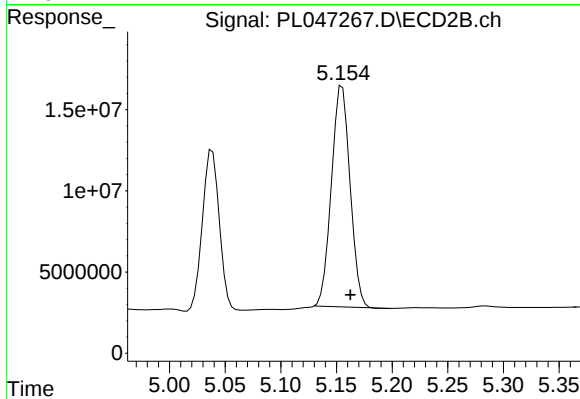
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.006 min
Response: 155035959
Conc: 51.80 ng/ml



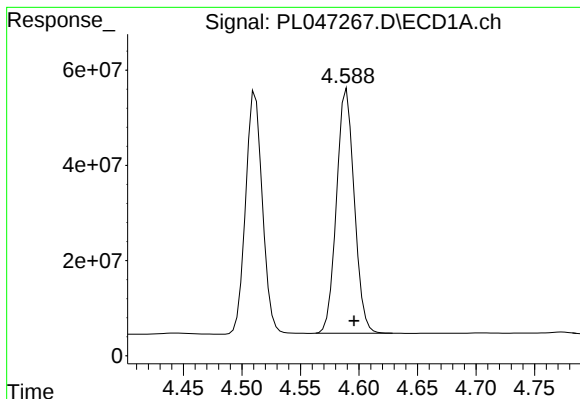
#4 Heptachlor

R.T.: 4.349 min
Delta R.T.: -0.006 min
Response: 571246860
Conc: 51.81 ng/ml



#4 Heptachlor

R.T.: 5.155 min
Delta R.T.: -0.007 min
Response: 158661165
Conc: 51.58 ng/ml



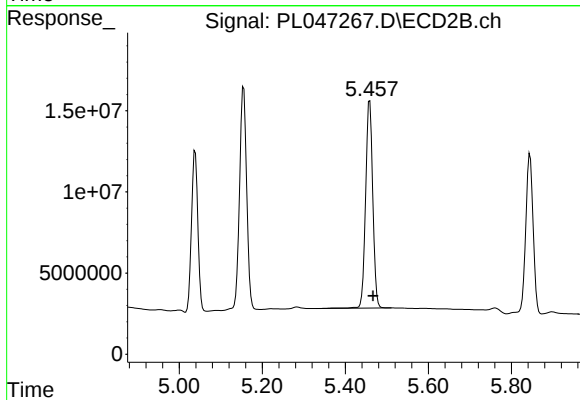
#5 Aldrin

R.T.: 4.590 min
Delta R.T.: -0.006 min
Response: 542330338
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

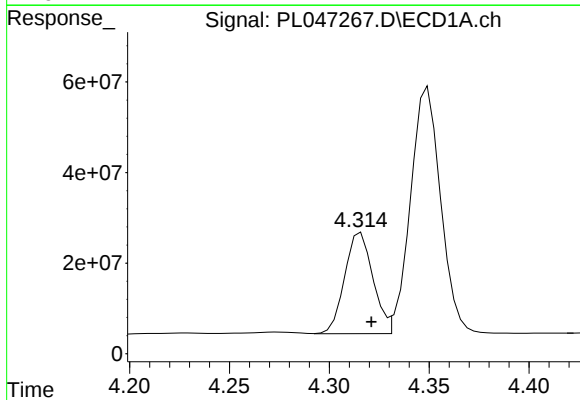
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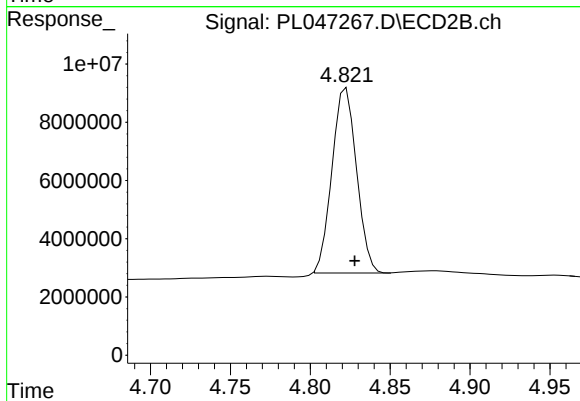
#5 Aldrin

R.T.: 5.459 min
Delta R.T.: -0.008 min
Response: 152842399
Conc: 53.35 ng/ml



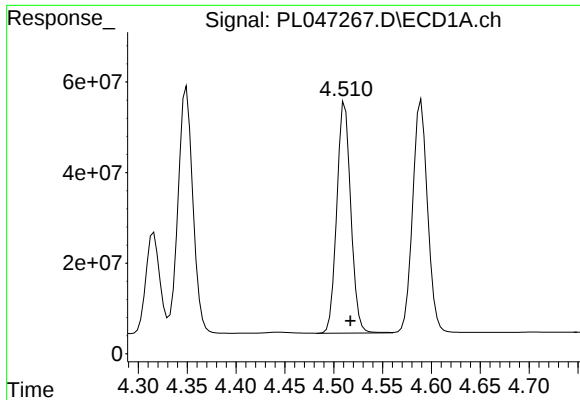
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: -0.005 min
Response: 219351793
Conc: 48.72 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.005 min
Response: 67914446
Conc: 51.23 ng/ml



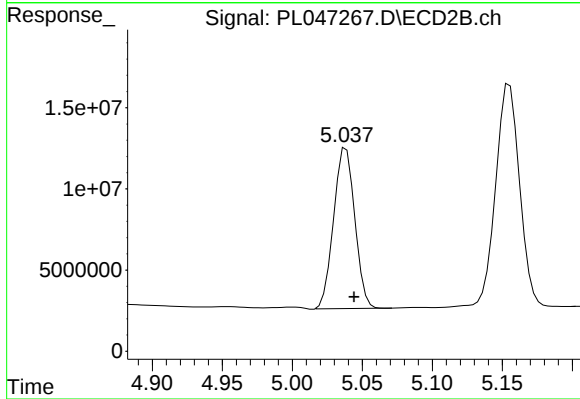
#7 delta-BHC

R.T.: 4.511 min
Delta R.T.: -0.006 min
Response: 509069186
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

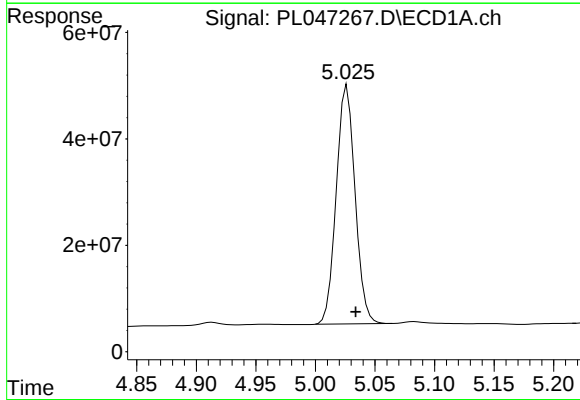
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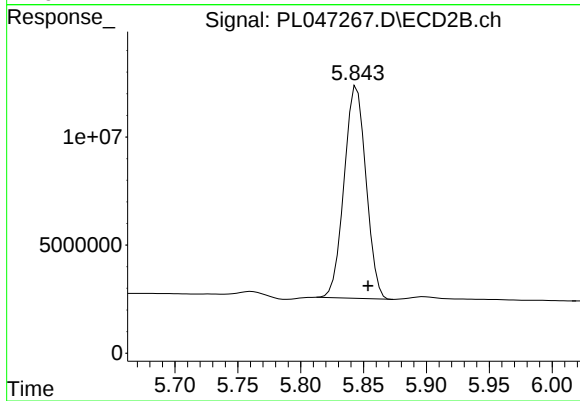
#7 delta-BHC

R.T.: 5.038 min
Delta R.T.: -0.006 min
Response: 104369037
Conc: 44.98 ng/ml



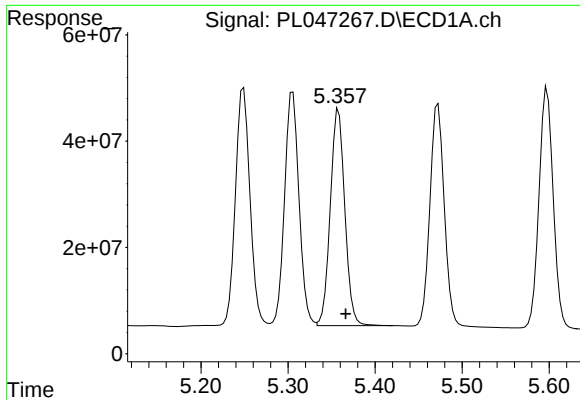
#8 Heptachlor epoxide

R.T.: 5.027 min
Delta R.T.: -0.007 min
Response: 492513480
Conc: 50.50 ng/ml



#8 Heptachlor epoxide

R.T.: 5.843 min
Delta R.T.: -0.010 min
Response: 118925846
Conc: 45.10 ng/ml m



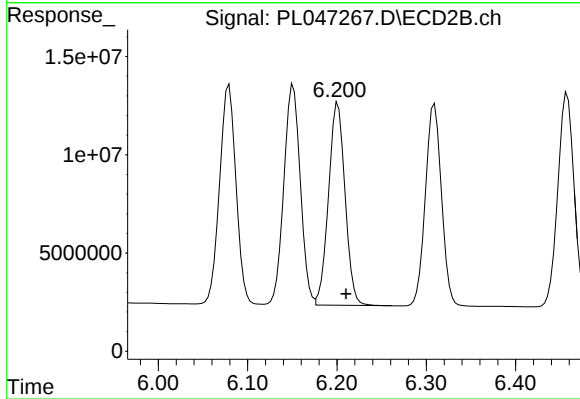
#9 Endosulfan I

R.T.: 5.358 min
Delta R.T.: -0.008 min
Response: 472641571
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

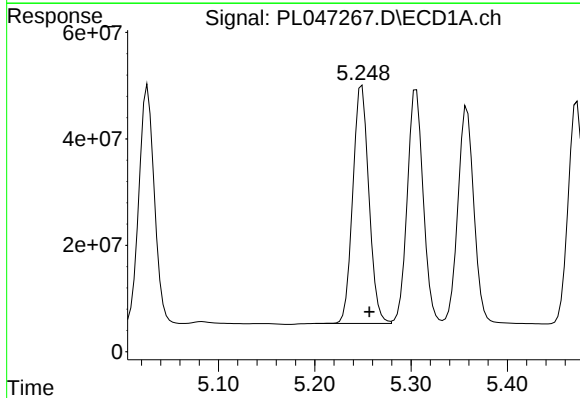
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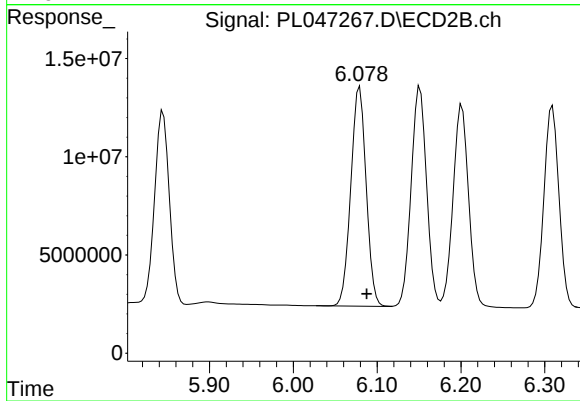
#9 Endosulfan I

R.T.: 6.201 min
Delta R.T.: -0.009 min
Response: 132708655
Conc: 50.85 ng/ml



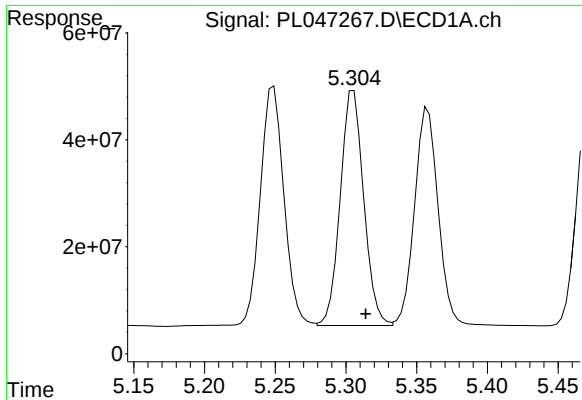
#10 gamma-Chlordane

R.T.: 5.249 min
Delta R.T.: -0.008 min
Response: 518678212
Conc: 50.49 ng/ml



#10 gamma-Chlordane

R.T.: 6.079 min
Delta R.T.: -0.008 min
Response: 142658826
Conc: 50.27 ng/ml



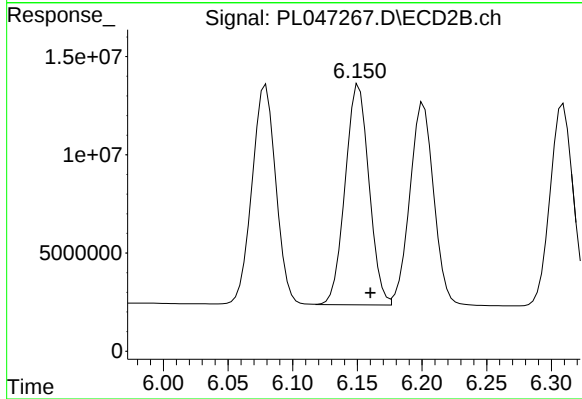
#11 alpha-Chlordane

R.T.: 5.305 min
Delta R.T.: -0.009 min
Response: 507488365
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

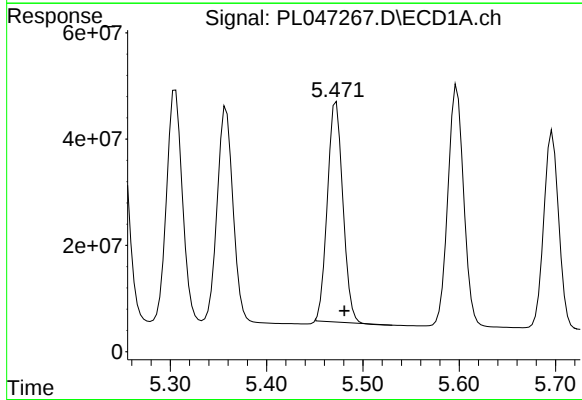
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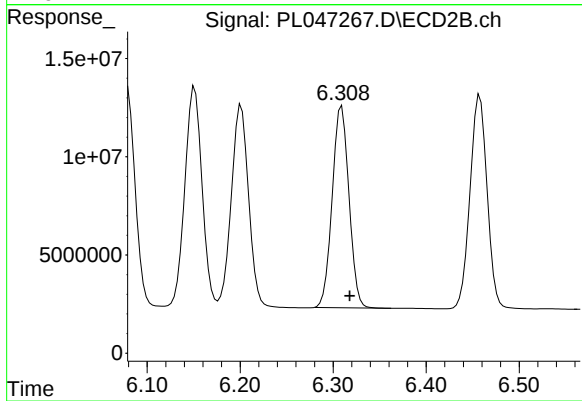
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 143584890
Conc: 50.62 ng/ml



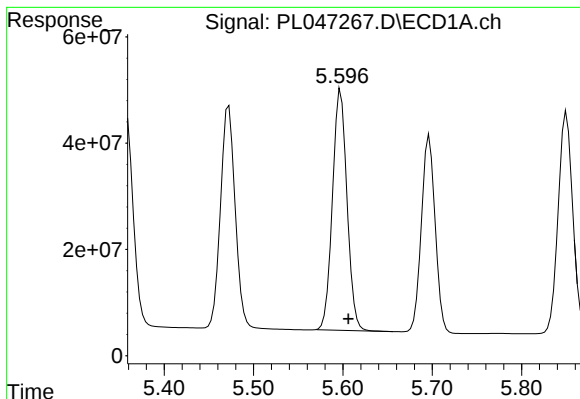
#12 4,4'-DDE

R.T.: 5.472 min
Delta R.T.: -0.008 min
Response: 462315599
Conc: 50.21 ng/ml



#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: -0.009 min
Response: 128675432
Conc: 51.84 ng/ml



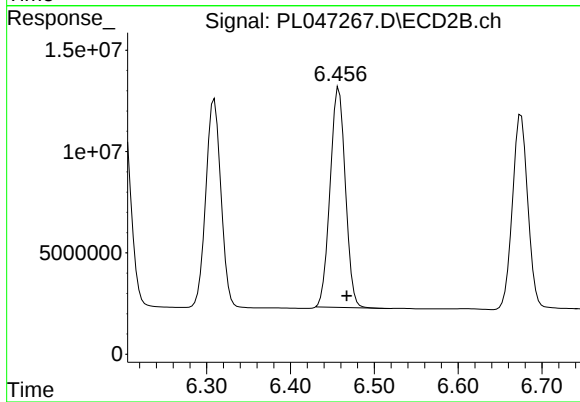
#13 Dieldrin

R.T.: 5.598 min
Delta R.T.: -0.009 min
Response: 512076157
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

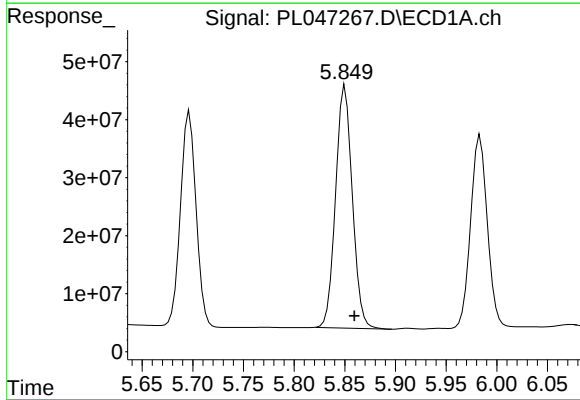
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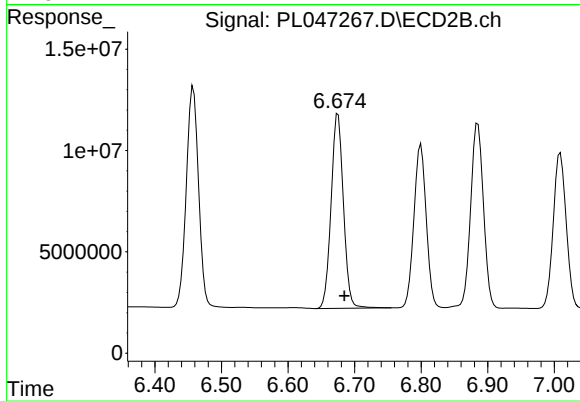
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 136831919
Conc: 50.48 ng/ml



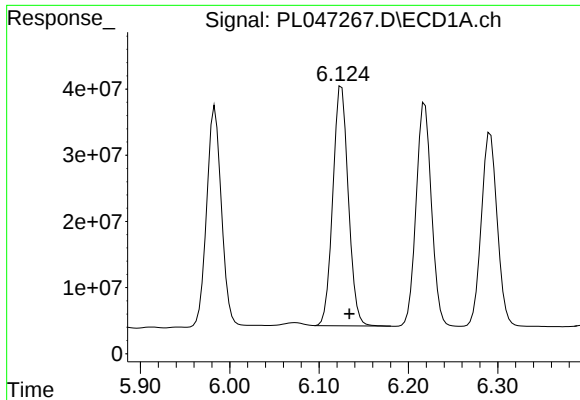
#14 Endrin

R.T.: 5.850 min
Delta R.T.: -0.009 min
Response: 481344997
Conc: 51.10 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: -0.009 min
Response: 123864747
Conc: 51.83 ng/ml



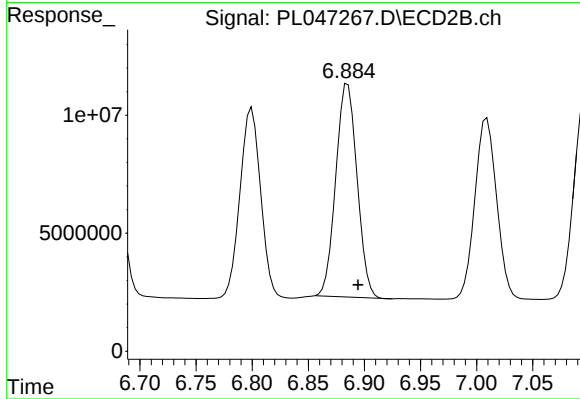
#15 Endosulfan II

R.T.: 6.125 min
Delta R.T.: -0.009 min
Response: 437050049
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

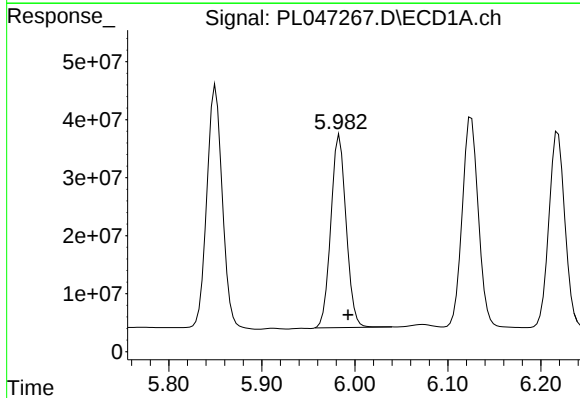
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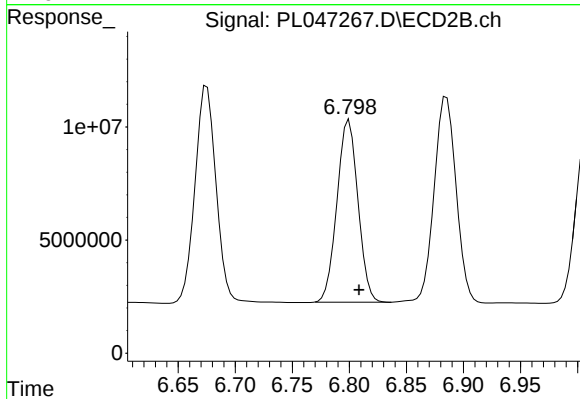
#15 Endosulfan II

R.T.: 6.885 min
Delta R.T.: -0.009 min
Response: 119114412
Conc: 49.37 ng/ml



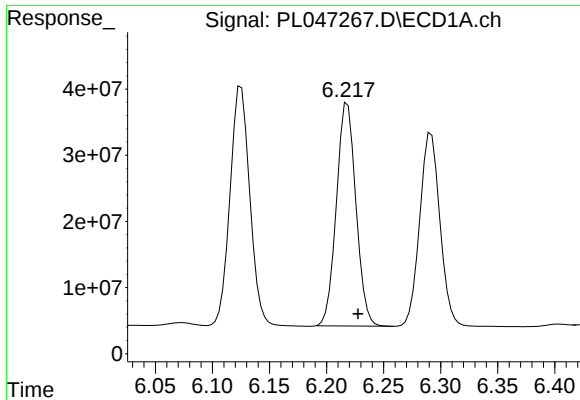
#16 4,4'-DDD

R.T.: 5.984 min
Delta R.T.: -0.009 min
Response: 379591003
Conc: 50.22 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: -0.009 min
Response: 103281283
Conc: 51.33 ng/ml



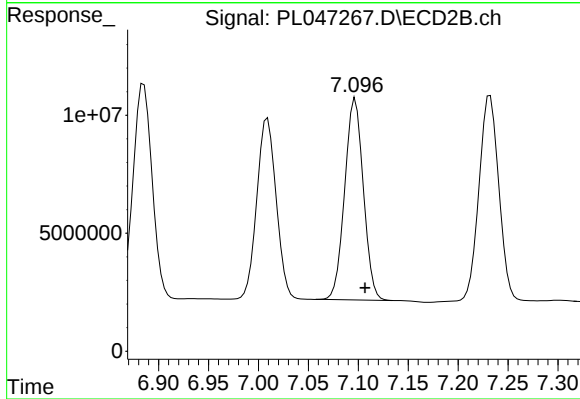
#17 4,4'-DDT

R.T.: 6.218 min
Delta R.T.: -0.009 min
Response: 401834357
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

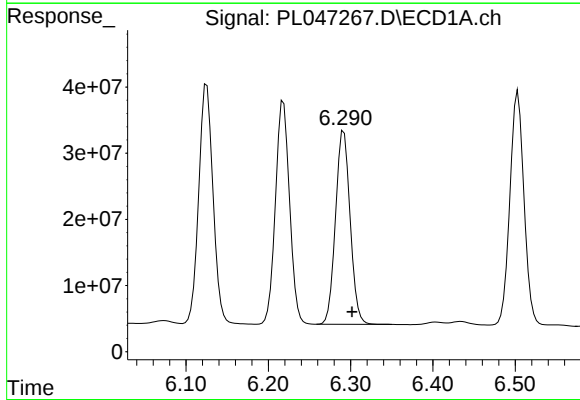
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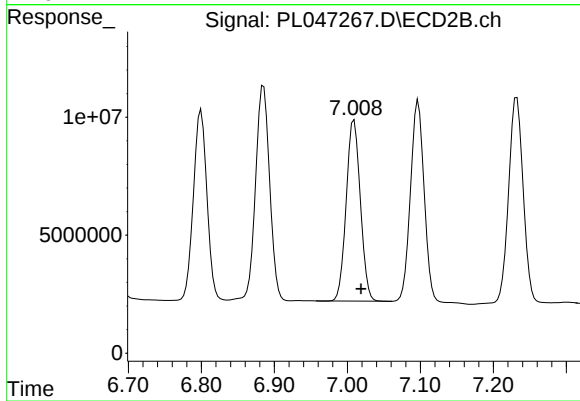
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: -0.011 min
Response: 111142651
Conc: 53.00 ng/ml m



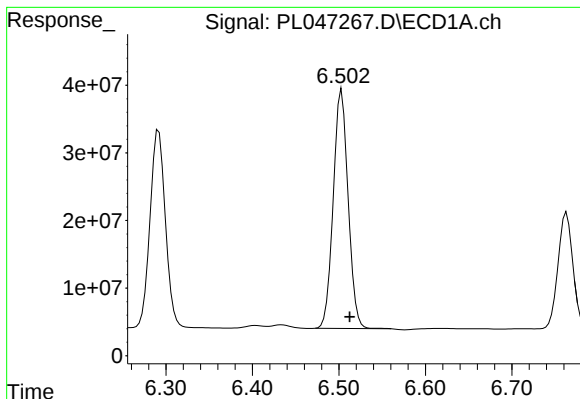
#18 Endrin aldehyde

R.T.: 6.292 min
Delta R.T.: -0.010 min
Response: 361418823
Conc: 48.22 ng/ml



#18 Endrin aldehyde

R.T.: 7.009 min
Delta R.T.: -0.010 min
Response: 103490394
Conc: 48.72 ng/ml



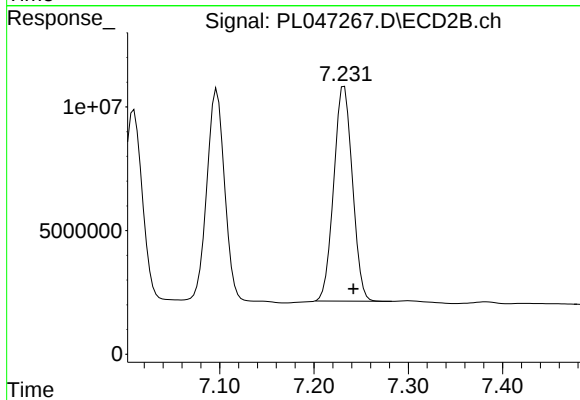
#19 Endosulfan Sulfate

R.T.: 6.503 min
Delta R.T.: -0.009 min
Response: 420449623
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

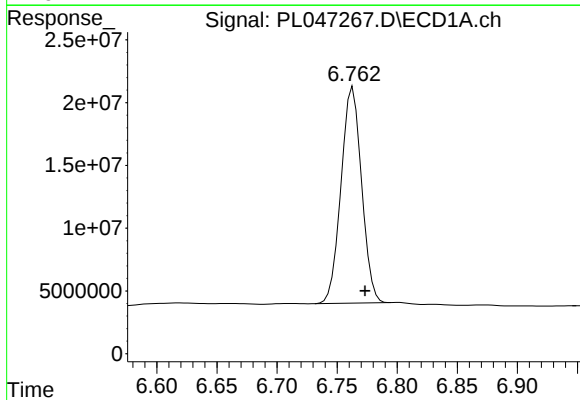
Manual Integrations
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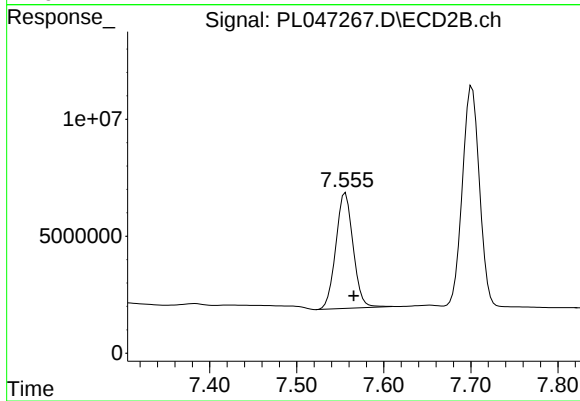
#19 Endosulfan Sulfate

R.T.: 7.232 min
Delta R.T.: -0.010 min
Response: 119564254
Conc: 50.68 ng/ml



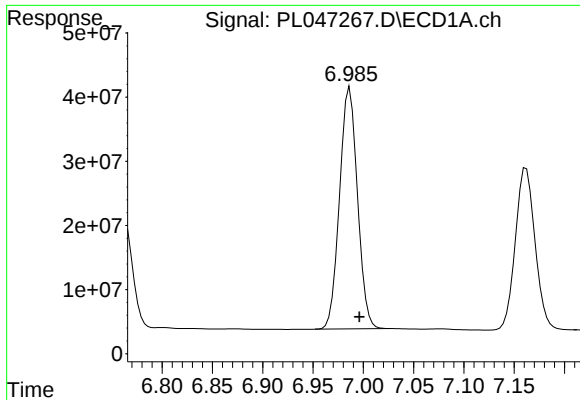
#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: -0.010 min
Response: 205037803
Conc: 48.25 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: -0.009 min
Response: 68175398
Conc: 53.48 ng/ml



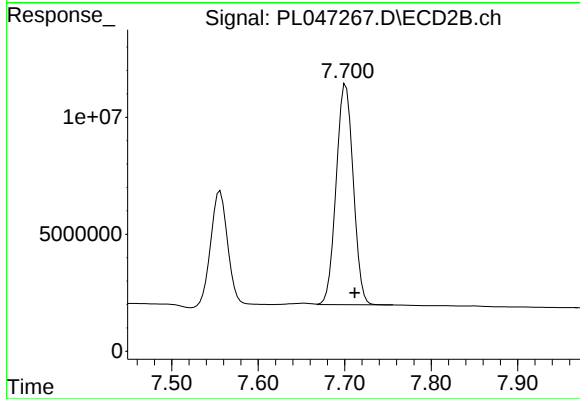
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.011 min
Response: 465971118
Conc: 50.39 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

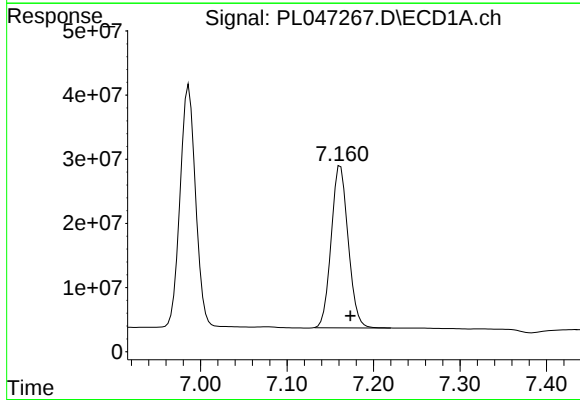
Manual Integrations
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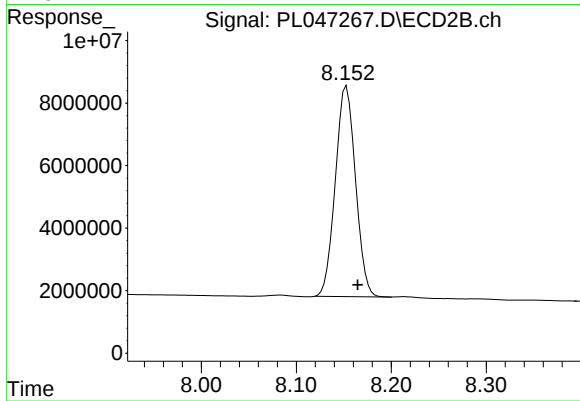
#21 Endrin ketone

R.T.: 7.701 min
Delta R.T.: -0.010 min
Response: 128840751
Conc: 51.86 ng/ml



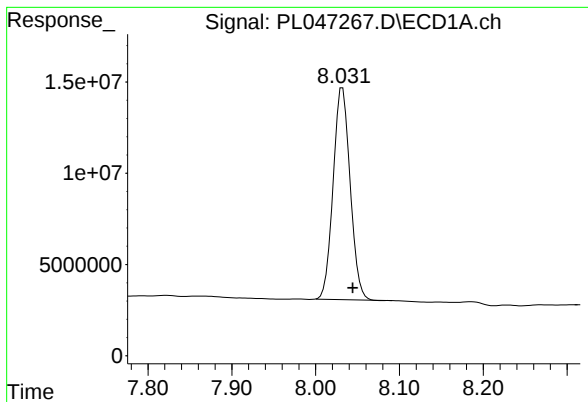
#22 Mirex

R.T.: 7.162 min
Delta R.T.: -0.011 min
Response: 343318990
Conc: 47.12 ng/ml



#22 Mirex

R.T.: 8.153 min
Delta R.T.: -0.012 min
Response: 99523783
Conc: 49.76 ng/ml



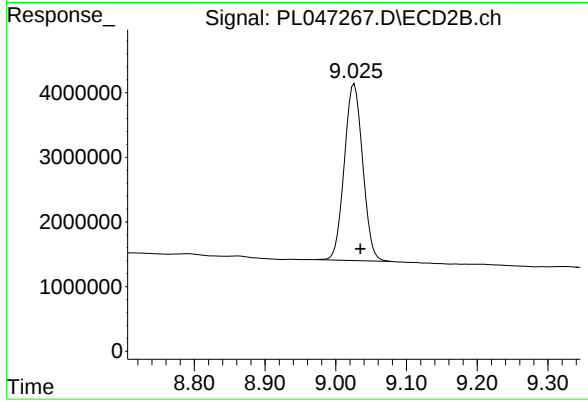
#28 Decachlorobiphenyl

R.T.: 8.032 min
Delta R.T.: -0.012 min
Response: 163332716
Conc: 19.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

Manual Integrations
APPROVED

Sohil
4/12/2019 10:42:34 AM



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: -0.009 min
Response: 49355403
Conc: 21.29 ng/ml