

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041719\
 Data File : PL047497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2019 14:22
 Operator : AJ\SJ
 Sample : SOIL IDOC-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC-01

Manual Integrations
 APPROVED

Sohil
 4/18/2019 10:44:48 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 01:10:45 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...	3.363	3.975	125.0E6	40989396	17.186	17.902
28)	SA Decachlor...	8.041	9.032	174.1E6	49633497	20.700	21.408
Target Compounds							
2)	A alpha-BHC	3.793	4.364	575.7E6	185.0E6	49.361	57.560m
3)	MA gamma-BHC...	4.070	4.649	528.0E6	150.7E6	49.138	50.364
4)	MA Heptachlor	4.357	5.155	594.1E6	164.5E6	53.890	53.494m
5)	MB Aldrin	4.597	5.460	517.4E6	153.1E6	50.162	53.448
6)	B beta-BHC	4.324	4.823	226.9E6	64228657	50.399	48.449
7)	B delta-BHC	4.519	5.039	521.9E6	123.1E6	51.558	53.065
8)	B Heptachlo...	5.035	5.847	510.7E6	120.6E6	52.363	45.714
9)	A Endosulfan I	5.367	6.203	490.2E6	134.5E6	52.134	51.548
10)	B gamma-Chl...	5.258	6.081	540.7E6	145.9E6	52.637	51.417
11)	B alpha-Chl...	5.314	6.153	531.6E6	145.5E6	52.427	51.279
12)	B 4,4'-DDE	5.482	6.312	498.1E6	132.6E6	54.105	53.429
13)	MA Dieldrin	5.607	6.460	542.5E6	141.0E6	54.058	52.032
14)	MA Endrin	5.859	6.677	454.8E6	117.3E6	48.289	49.085
15)	B Endosulfa...	6.135	6.888	467.4E6	121.2E6	52.165	50.215
16)	A 4,4'-DDD	5.993	6.802	413.9E6	107.9E6	54.749	53.636
17)	MA 4,4'-DDT	6.228	7.100	402.1E6	108.1E6	53.092	51.553
18)	B Endrin al...	6.301	7.012	398.6E6	107.6E6	53.182	50.637
19)	B Endosulfa...	6.513	7.235	428.8E6	123.8E6	52.219	52.459
20)	A Methoxychlor	6.773	7.559	213.2E6	62981074	50.156	49.406
21)	B Endrin ke...	6.995	7.704	531.6E6	134.3E6	57.492	54.069
22)	Mirex	7.171	8.156	376.4E6	102.7E6	51.669	51.335

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041719\
Data File : PL047497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2019 14:22
Operator : AJ\SJ
Sample : SOIL IDOC-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

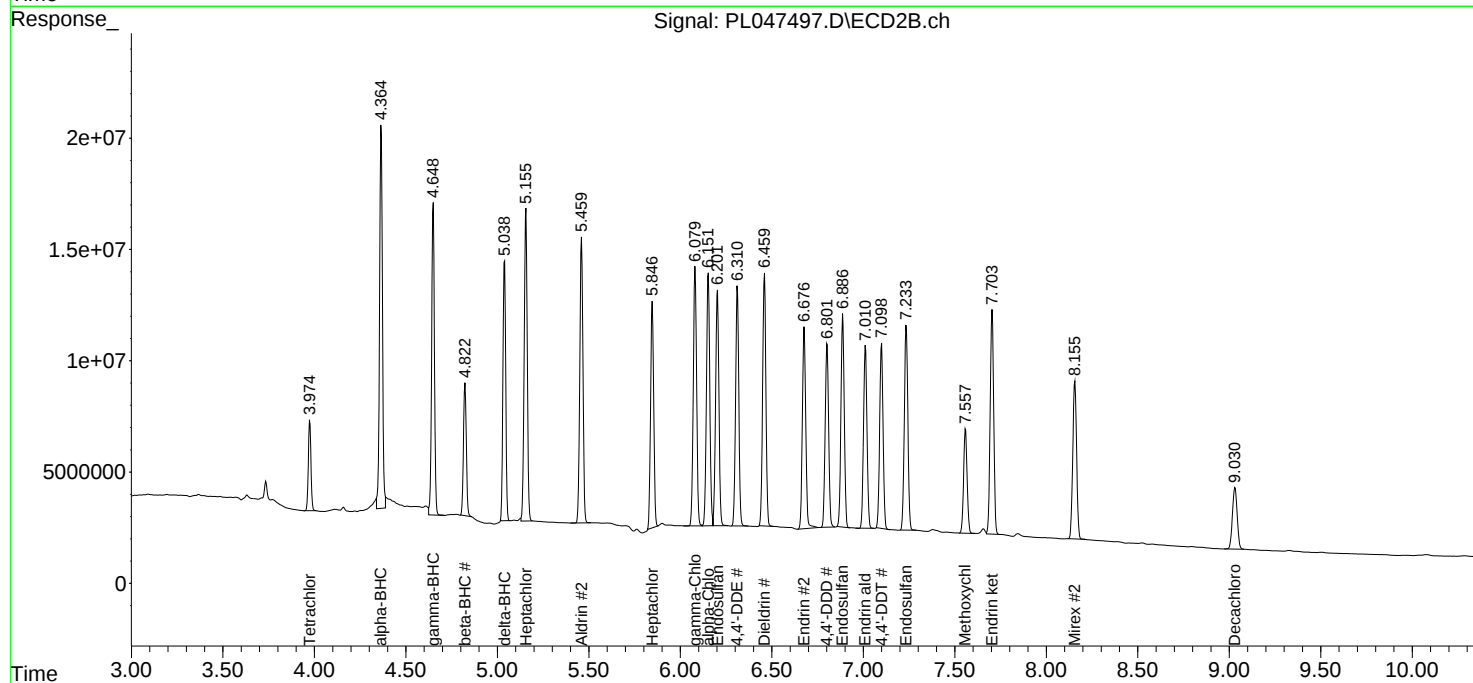
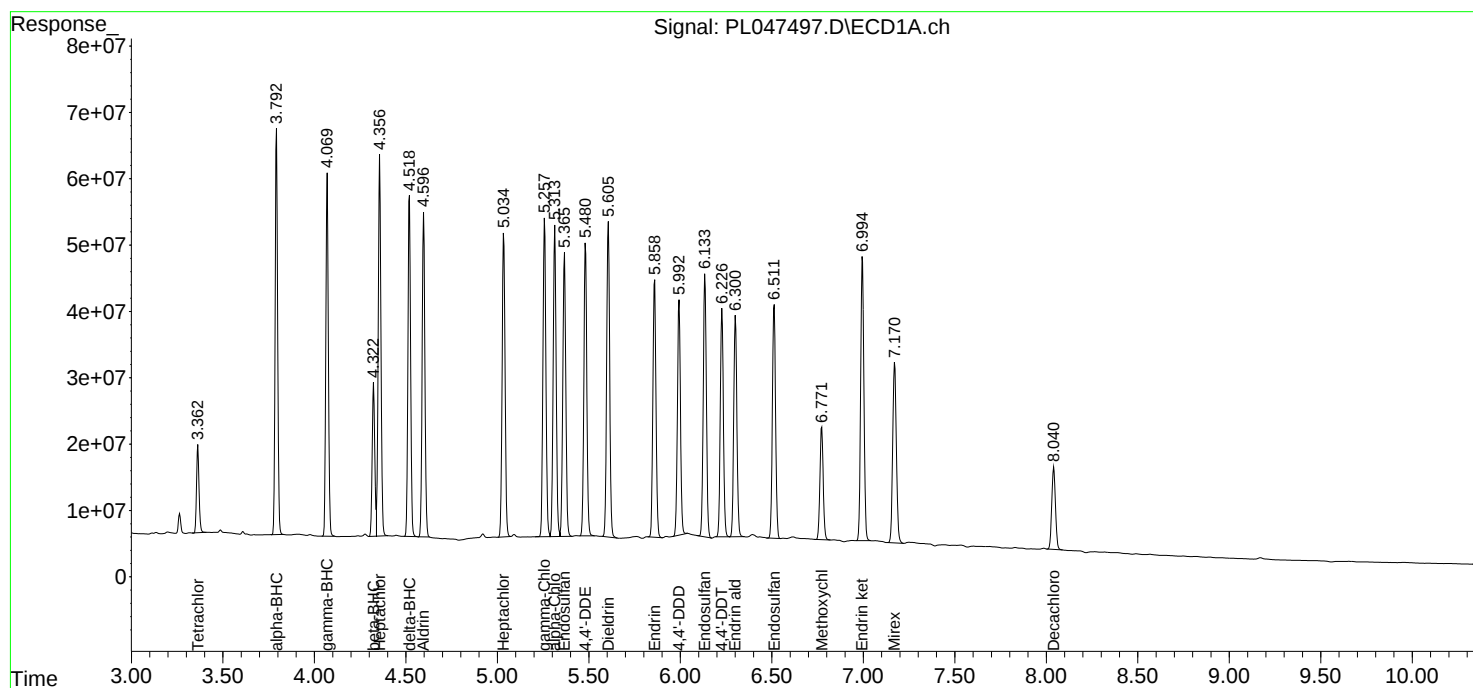
Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

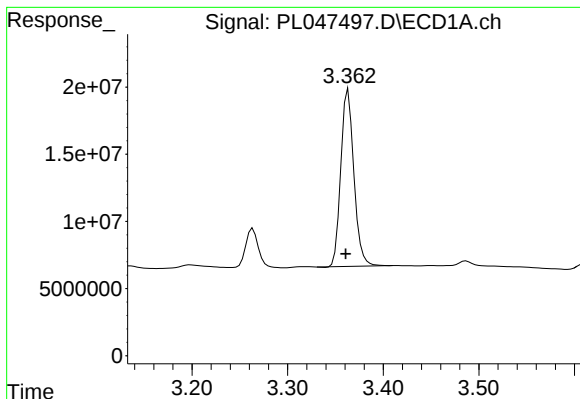
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 01:10:45 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





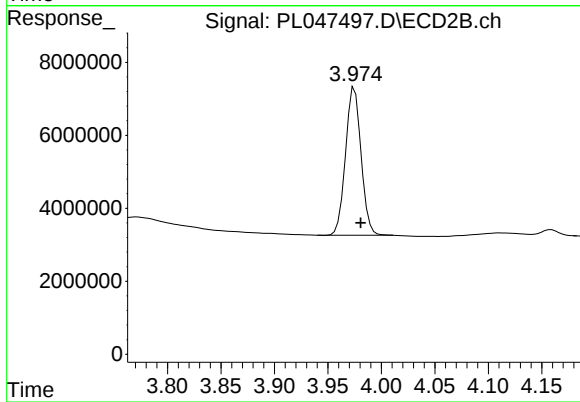
#1 Tetrachloro-m-xylene

R.T.: 3.363 min
Delta R.T.: 0.002 min
Response: 125019718
Conc: 17.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

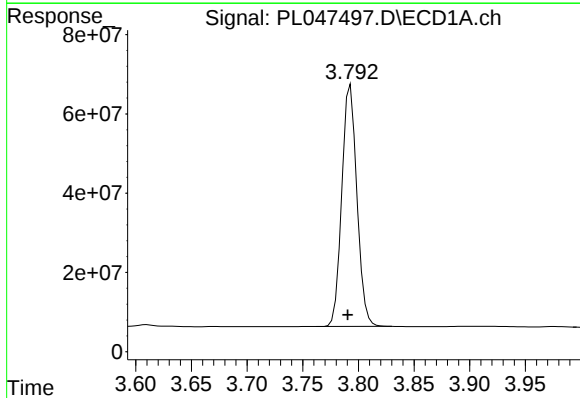
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



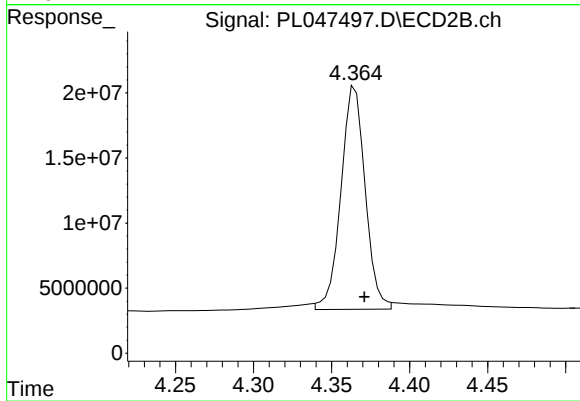
#1 Tetrachloro-m-xylene

R.T.: 3.975 min
Delta R.T.: -0.006 min
Response: 40989396
Conc: 17.90 ng/ml



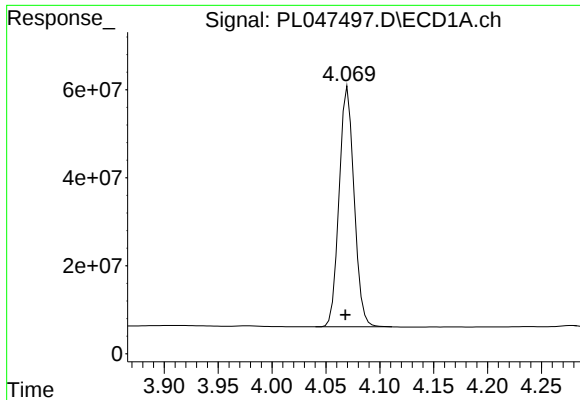
#2 alpha-BHC

R.T.: 3.793 min
Delta R.T.: 0.002 min
Response: 575652644
Conc: 49.36 ng/ml



#2 alpha-BHC

R.T.: 4.364 min
Delta R.T.: -0.007 min
Response: 184956070
Conc: 57.56 ng/ml m



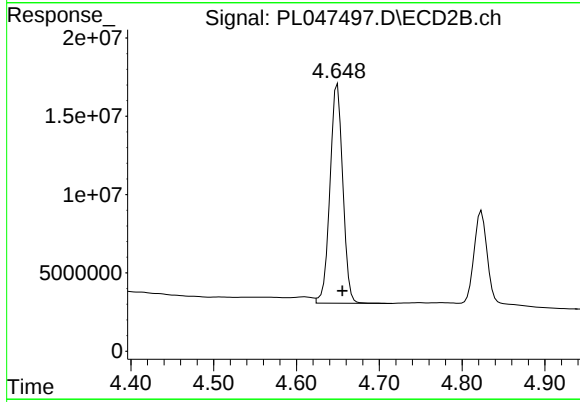
#3 gamma-BHC (Lindane)

R.T.: 4.070 min
Delta R.T.: 0.002 min
Response: 527967963
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

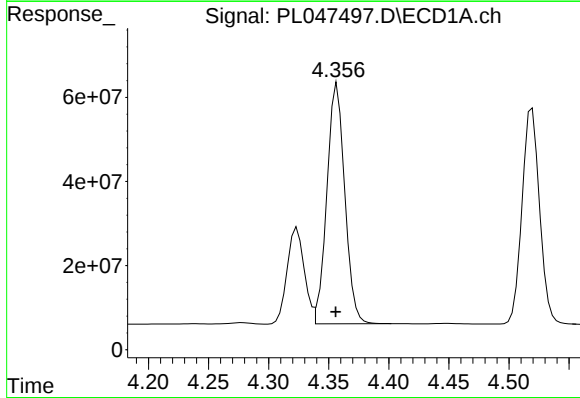
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



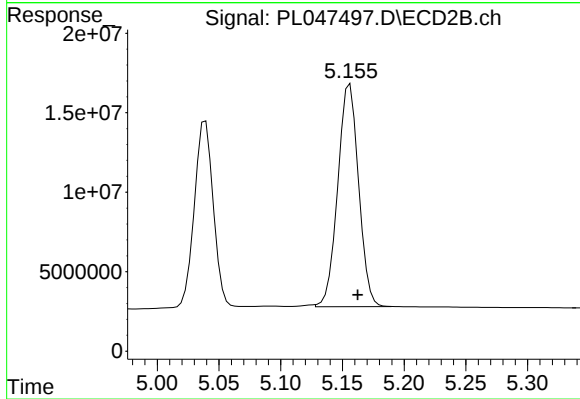
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.006 min
Response: 150739962
Conc: 50.36 ng/ml



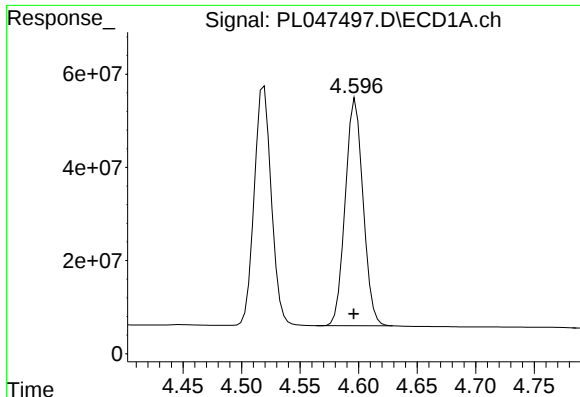
#4 Heptachlor

R.T.: 4.357 min
Delta R.T.: 0.001 min
Response: 594147320
Conc: 53.89 ng/ml



#4 Heptachlor

R.T.: 5.155 min
Delta R.T.: -0.008 min
Response: 164540532
Conc: 53.49 ng/ml m



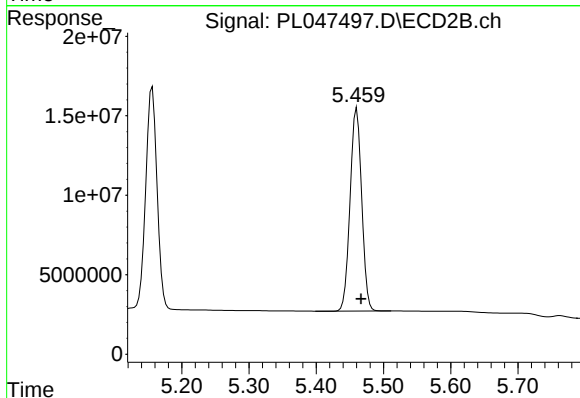
#5 Aldrin

R.T.: 4.597 min
Delta R.T.: 0.002 min
Response: 517423977
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

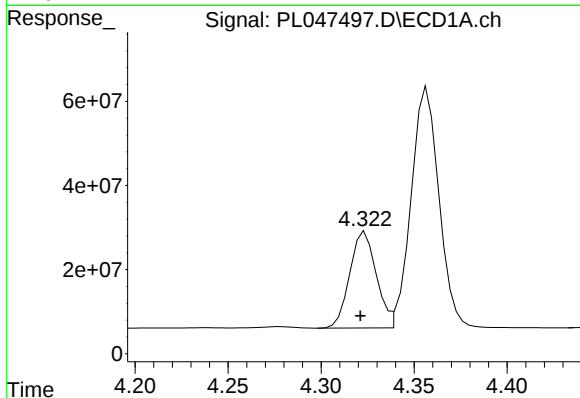
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



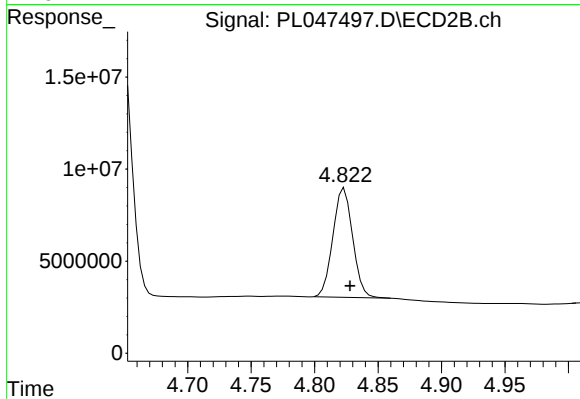
#5 Aldrin

R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 153127098
Conc: 53.45 ng/ml



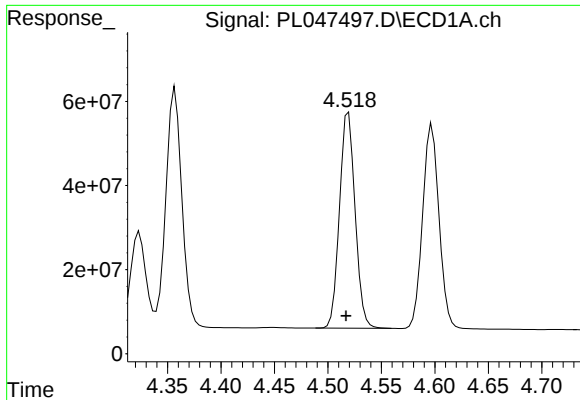
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.003 min
Response: 226918335
Conc: 50.40 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.004 min
Response: 64228657
Conc: 48.45 ng/ml



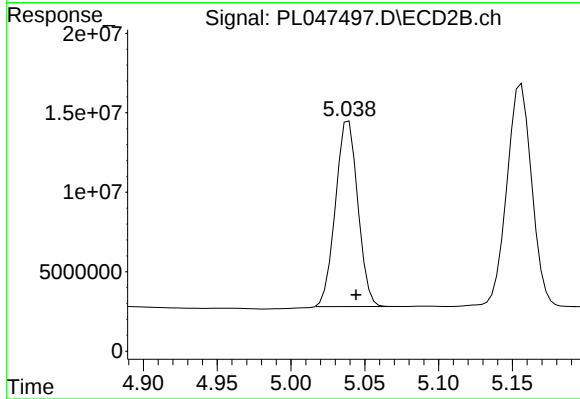
#7 delta-BHC

R.T.: 4.519 min
Delta R.T.: 0.002 min
Response: 521928273
Conc: 51.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

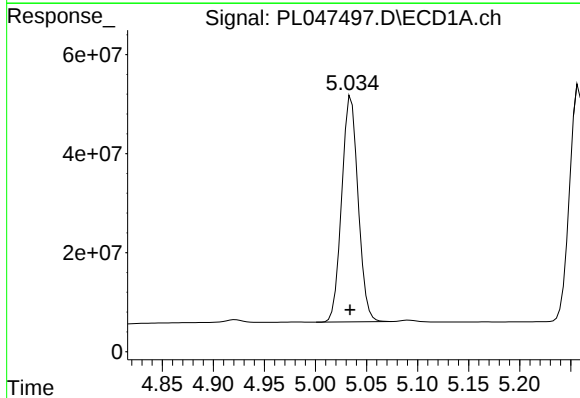
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



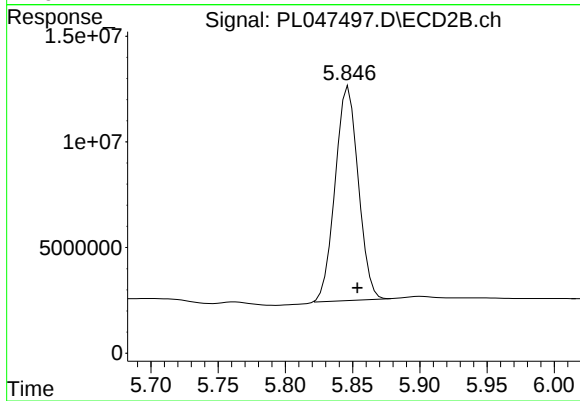
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 123119903
Conc: 53.06 ng/ml



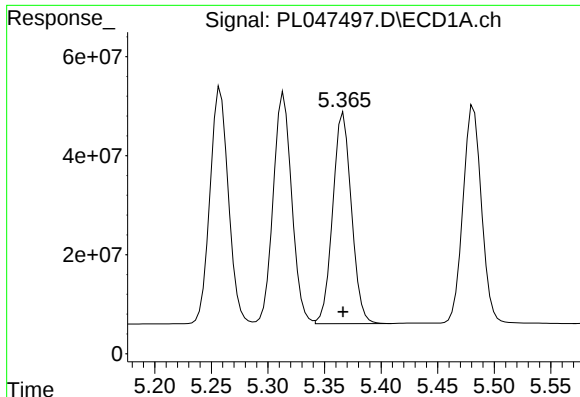
#8 Heptachlor epoxide

R.T.: 5.035 min
Delta R.T.: 0.001 min
Response: 510722261
Conc: 52.36 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: -0.007 min
Response: 120555494
Conc: 45.71 ng/ml



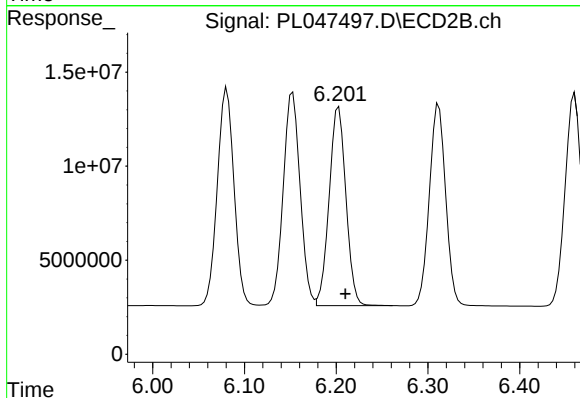
#9 Endosulfan I

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 490185115
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

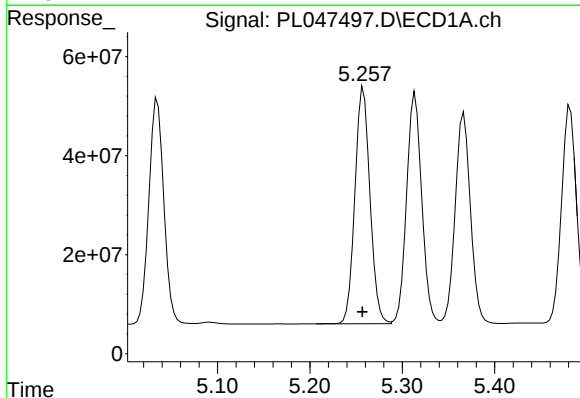
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



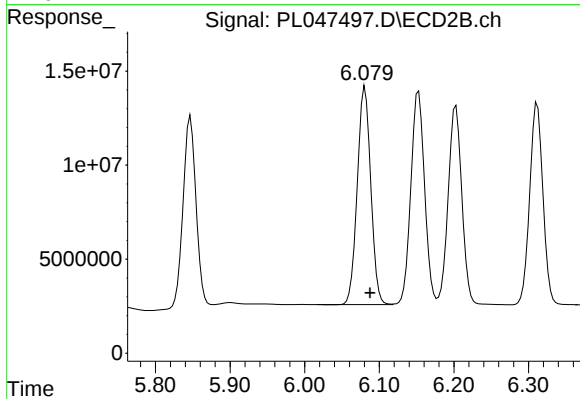
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: -0.007 min
Response: 134533031
Conc: 51.55 ng/ml



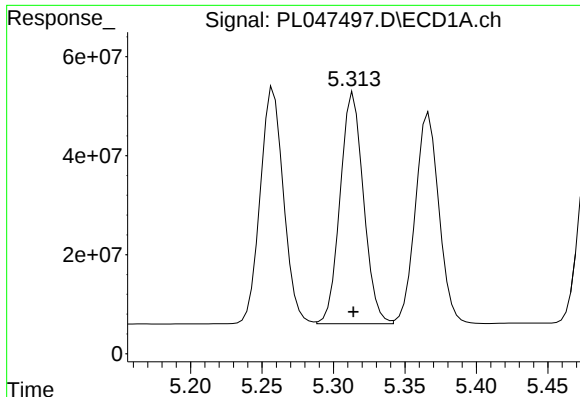
#10 gamma-Chlordane

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 540719278
Conc: 52.64 ng/ml



#10 gamma-Chlordane

R.T.: 6.081 min
Delta R.T.: -0.007 min
Response: 145925662
Conc: 51.42 ng/ml



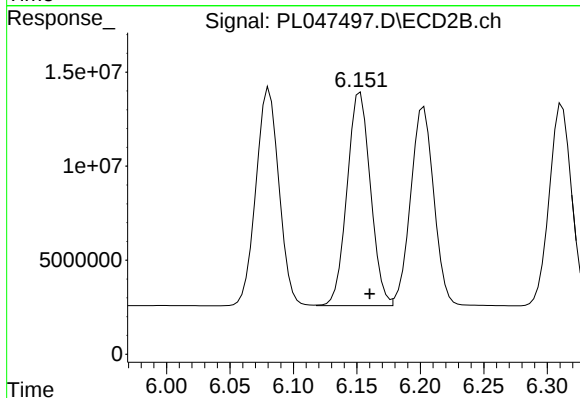
#11 alpha-Chlordane

R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 531560915
Conc: 52.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

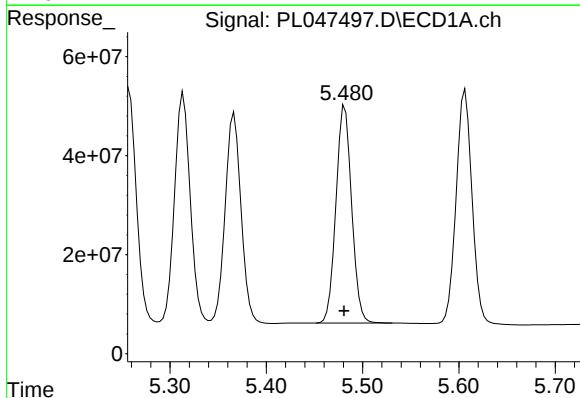
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



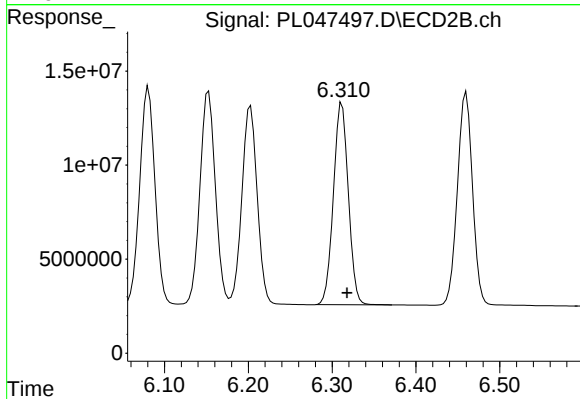
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: -0.008 min
Response: 145462552
Conc: 51.28 ng/ml



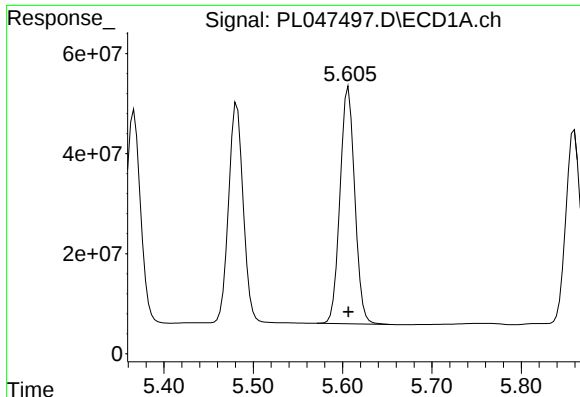
#12 4,4'-DDE

R.T.: 5.482 min
Delta R.T.: 0.001 min
Response: 498140741
Conc: 54.10 ng/ml



#12 4,4'-DDE

R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 132628842
Conc: 53.43 ng/ml



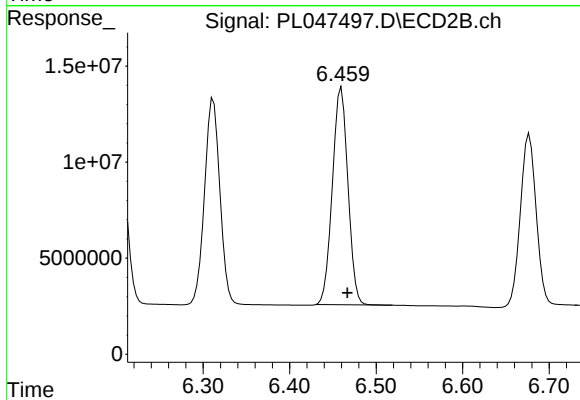
#13 Dieldrin

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 542505546
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

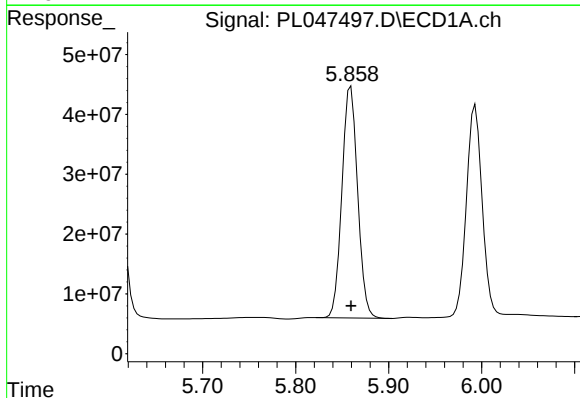
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



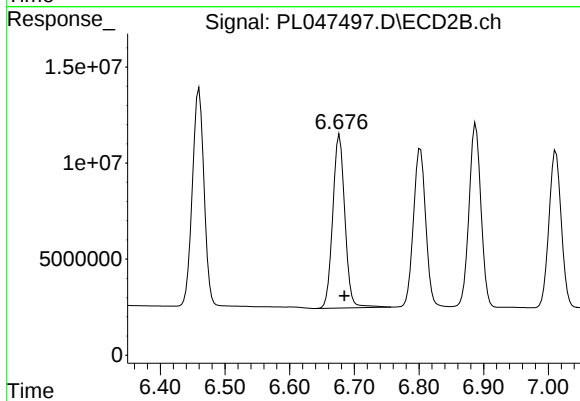
#13 Dieldrin

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 141041234
Conc: 52.03 ng/ml



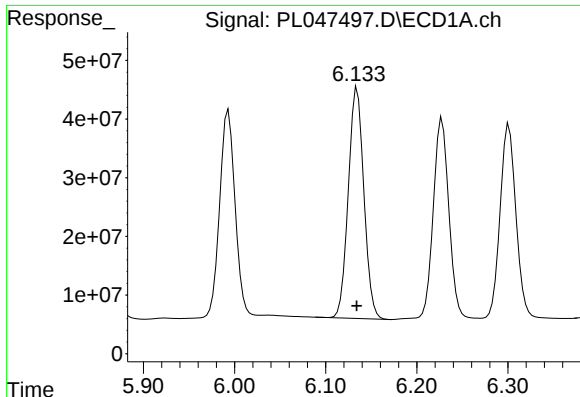
#14 Endrin

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 454843411
Conc: 48.29 ng/ml



#14 Endrin

R.T.: 6.677 min
Delta R.T.: -0.007 min
Response: 117301164
Conc: 49.08 ng/ml



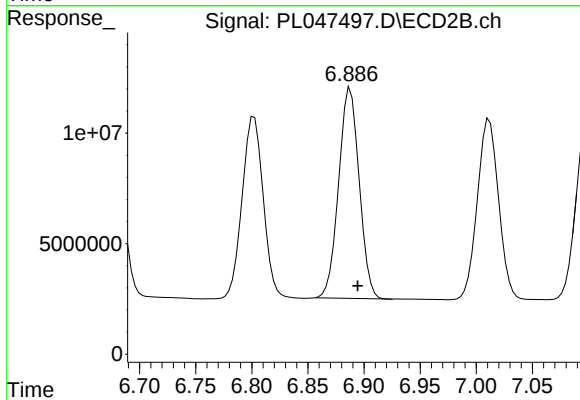
#15 Endosulfan II

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 467375673
Conc: 52.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

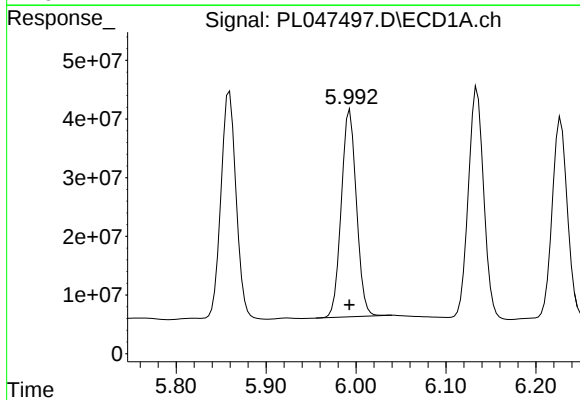
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



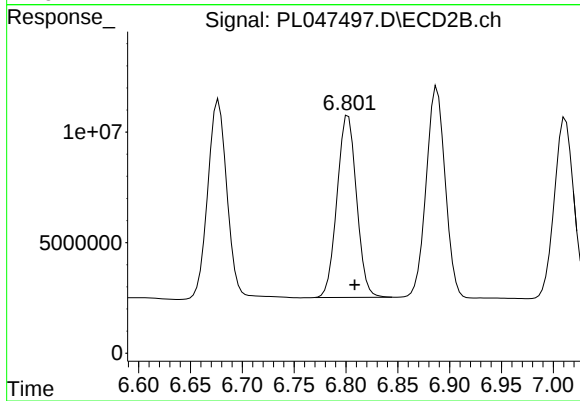
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: -0.007 min
Response: 121162835
Conc: 50.21 ng/ml



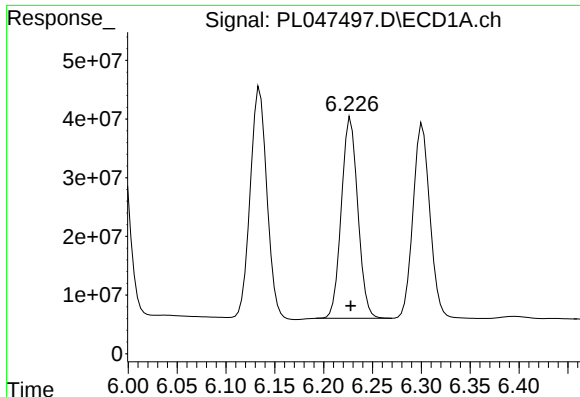
#16 4,4'-DDD

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 413852607
Conc: 54.75 ng/ml



#16 4,4'-DDD

R.T.: 6.802 min
Delta R.T.: -0.006 min
Response: 107916733
Conc: 53.64 ng/ml



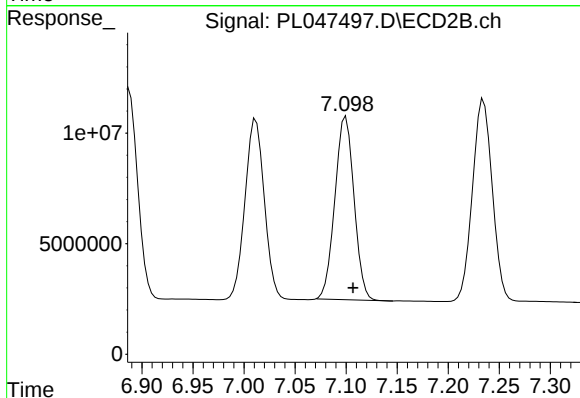
#17 4,4'-DDT

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 402139731
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

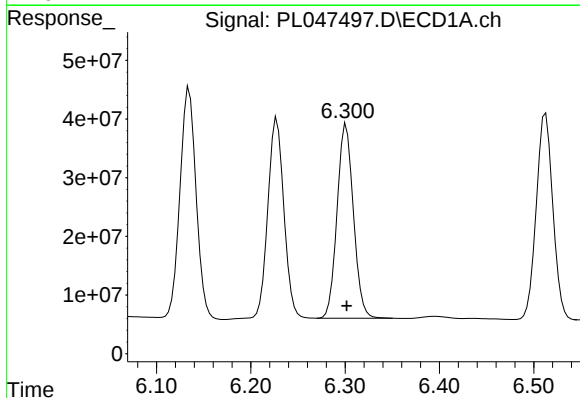
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



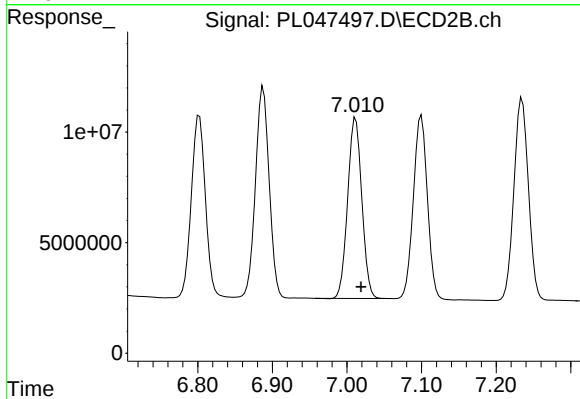
#17 4,4'-DDT

R.T.: 7.100 min
Delta R.T.: -0.007 min
Response: 108103274
Conc: 51.55 ng/ml



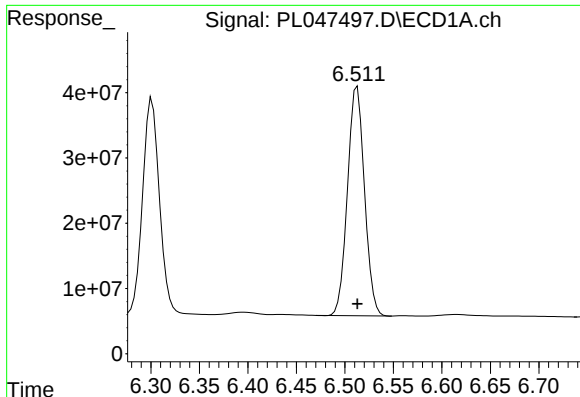
#18 Endrin aldehyde

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 398604227
Conc: 53.18 ng/ml



#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: -0.007 min
Response: 107553452
Conc: 50.64 ng/ml



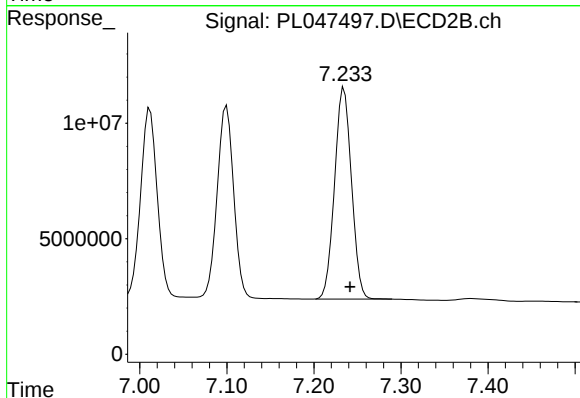
#19 Endosulfan Sulfate

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 428783290
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

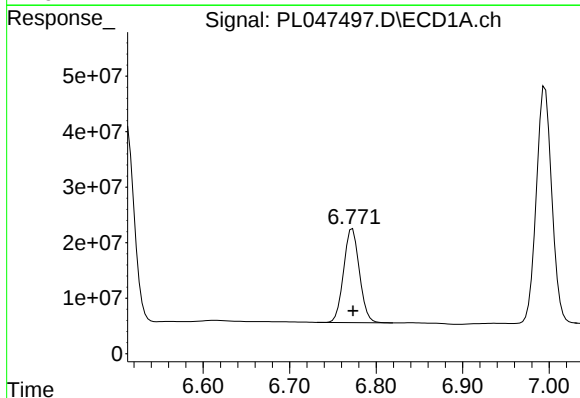
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



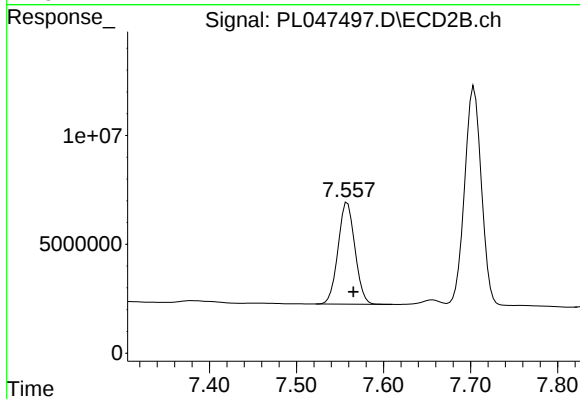
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 123750067
Conc: 52.46 ng/ml



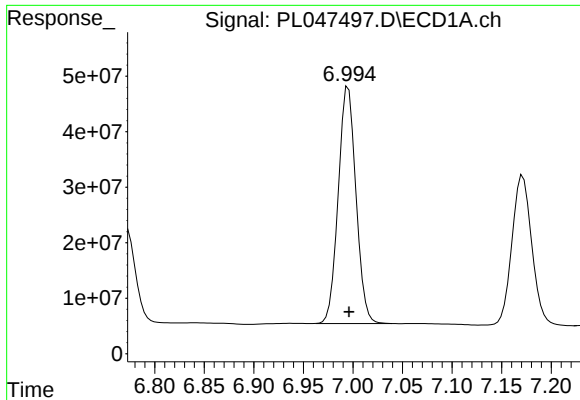
#20 Methoxychlor

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 213154377
Conc: 50.16 ng/ml



#20 Methoxychlor

R.T.: 7.559 min
Delta R.T.: -0.007 min
Response: 62981074
Conc: 49.41 ng/ml



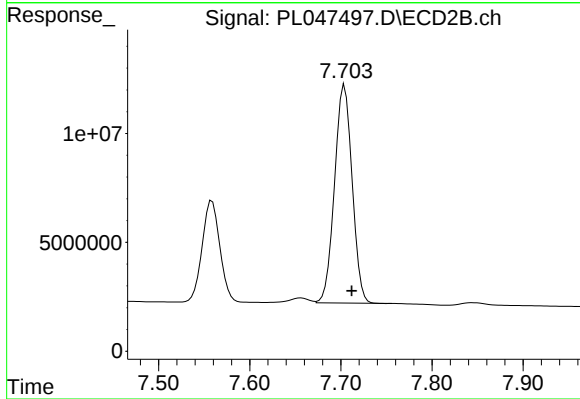
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 531617761
Conc: 57.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

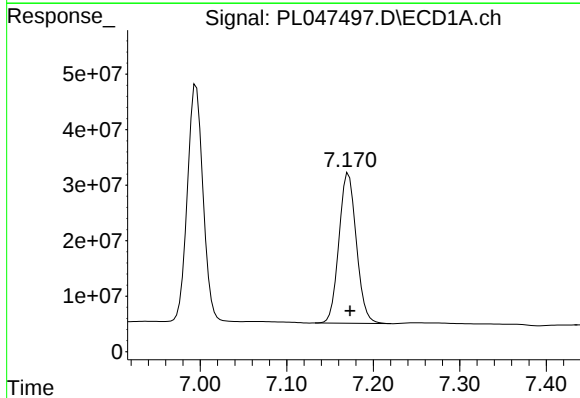
Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



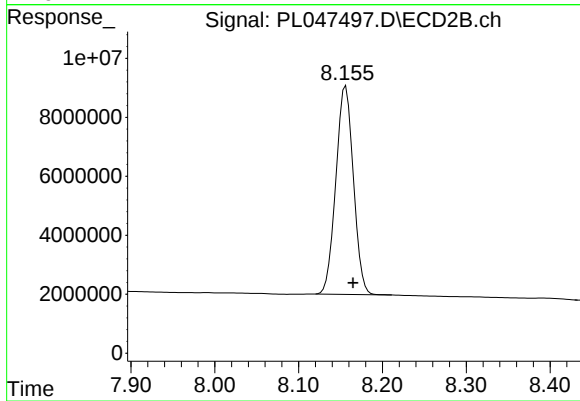
#21 Endrin ketone

R.T.: 7.704 min
Delta R.T.: -0.008 min
Response: 134337231
Conc: 54.07 ng/ml



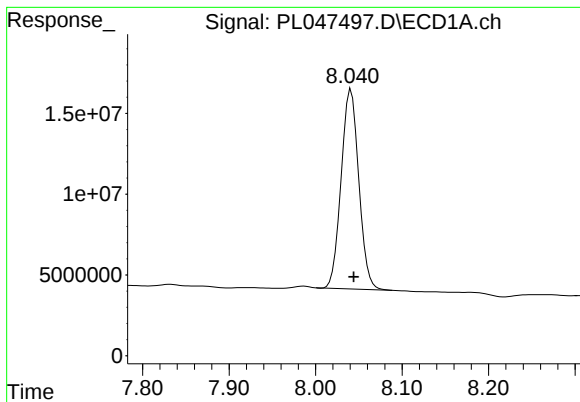
#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 376437858
Conc: 51.67 ng/ml



#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.009 min
Response: 102678604
Conc: 51.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.041 min

Delta R.T.: -0.003 min

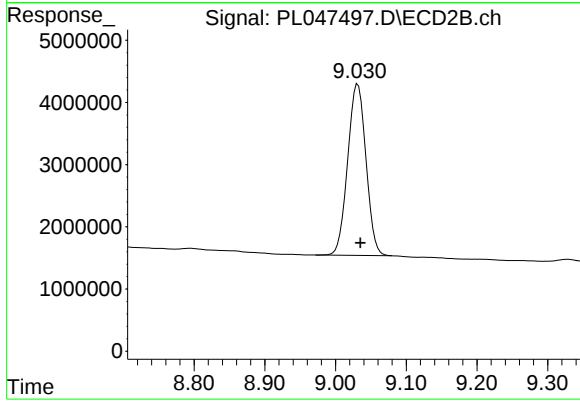
Response: 174111212

Conc: 20.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-01

Manual Integrations
APPROVED

Sohil
4/18/2019 10:44:48 AM



#28 Decachlorobiphenyl

R.T.: 9.032 min

Delta R.T.: -0.003 min

Response: 49633497

Conc: 21.41 ng/ml