

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032422\
 Data File : PL073657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2022 14:42
 Operator : AR\AJ
 Sample : N1913-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BS-SOILPMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/25/2022
 Supervised By : mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:26:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 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...	4.641	5.491	5502819	30594152	17.181	18.641
28)	SA Decachlor...	10.416	11.333	8046759	27189811	15.825	15.205
Target Compounds							
2)	A alpha-BHC	5.349	6.054	21607246	128.7E6	52.419	57.192
3)	MA gamma-BHC...	5.773	6.444	21593636	119.5E6	51.766	55.963
4)	MA Heptachlor	6.184	7.102	23379483	127.6E6	51.816	54.449
5)	MB Aldrin	6.509	7.470	21462024	116.6E6	51.945	55.648
6)	B beta-BHC	6.153	6.680	10896059	52197839	52.920	50.076
7)	B delta-BHC	6.415	6.947	21671942	123.9E6	53.958	57.530
8)	B Heptachlo...	7.086	7.927	22302822	108.8E6	51.749	54.497
9)	A Endosulfan I	7.489	8.327	21464890	98450553	52.325	53.934
10)	B gamma-Chl...	7.364	8.195	23354916	111.2E6	53.407	54.469
11)	B alpha-Chl...	7.433	8.277	23320620	108.8E6	52.770	54.394
12)	B 4,4'-DDE	7.648	8.462	19187034	98964778	53.470	55.214
13)	MA Dieldrin	7.776	8.612	22071576	99762598	52.977	54.080
14)	MA Endrin	8.067	8.847	21303630	85887827	54.906	55.792
15)	B Endosulfa...	8.378	9.070	20478013	80376269	52.390	52.334
16)	A 4,4'-DDD	8.233	8.989	17192822	77814232	52.944	53.308
17)	MA 4,4'-DDT	8.494	9.307	19883520	86306605	52.577	52.802
18)	B Endrin al...	8.566	9.201	16887753	66636835	53.400	54.339m
19)	B Endosulfa...	8.797	9.440	21990509	82113012	52.058	52.100
20)	A Methoxychlor	9.090	9.787	13664416	46123749	53.265	51.188
21)	B Endrin ke...	9.316	9.928	25715775	85731141	52.564	51.940
22)	Mirex	9.504	10.405	26595328	78800184	56.398	58.007

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

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ECD_L

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Manual Integrations

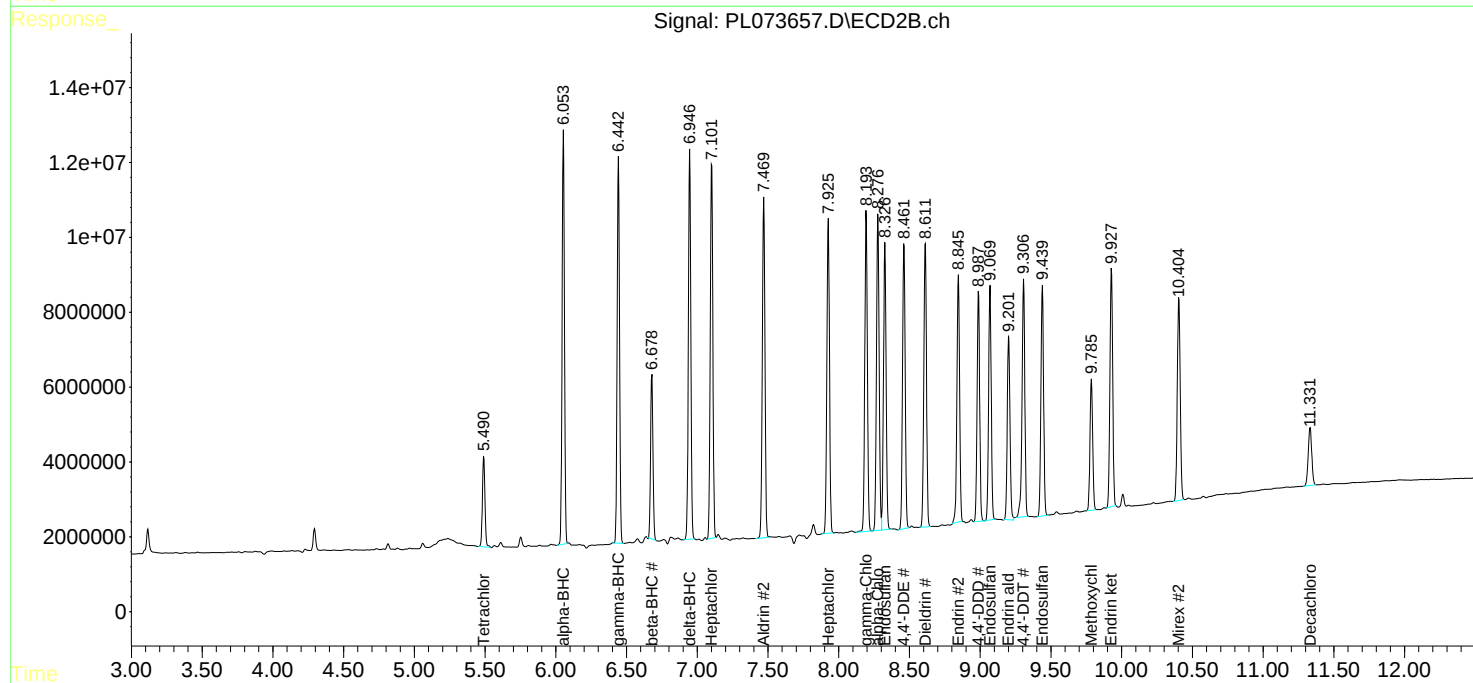
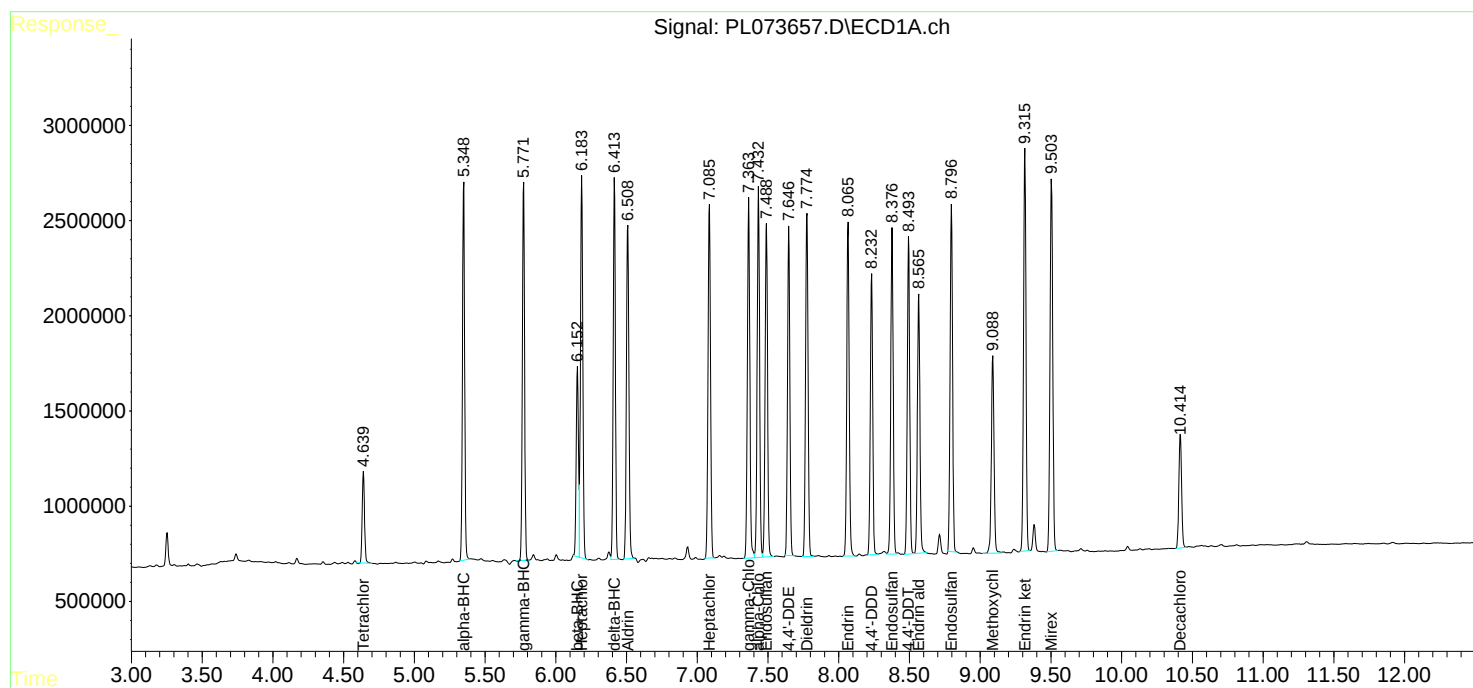
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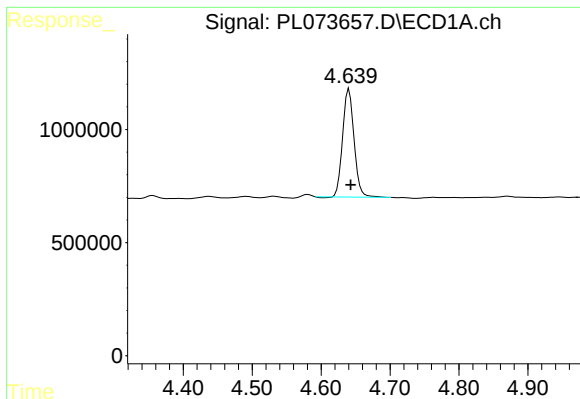
Reviewed By :Abdul Mirza 03/25/2022

Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:26:13 2022
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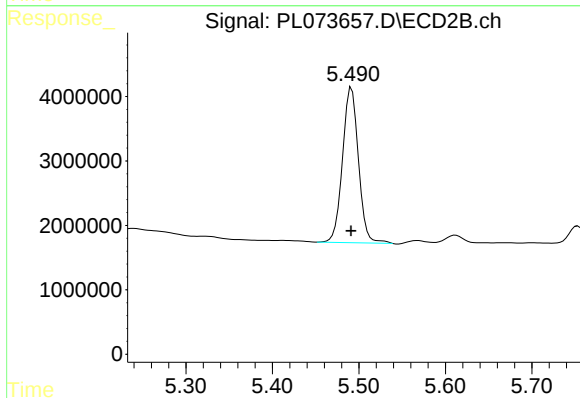
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 5502819
Conc: 17.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
BS-SOILPMS

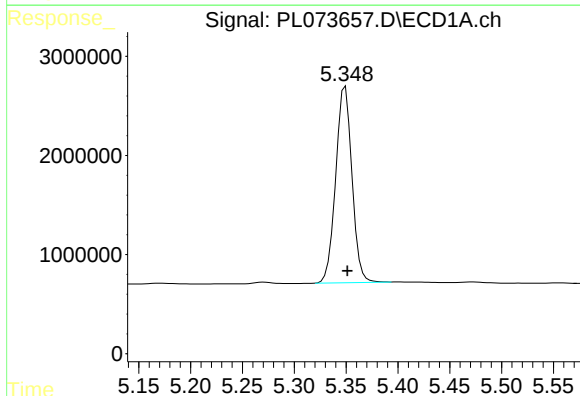
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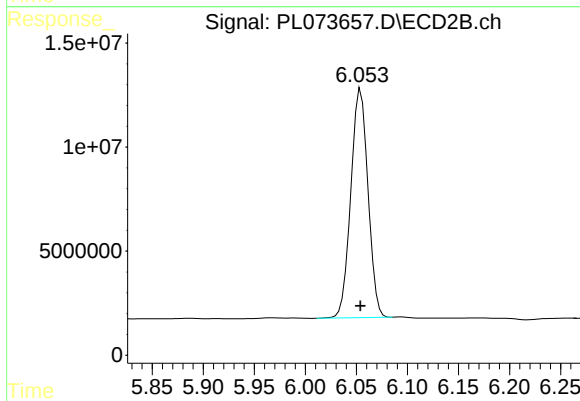
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 30594152
Conc: 18.64 ng/ml



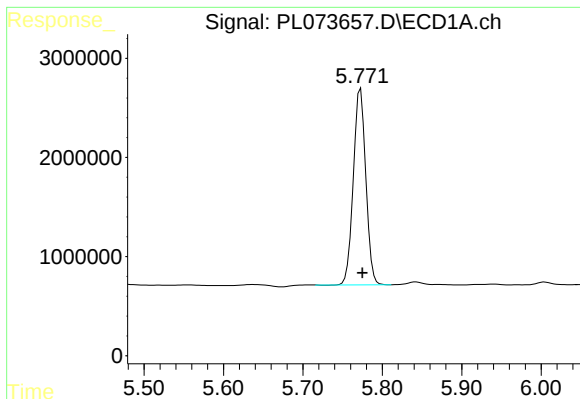
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 21607246
Conc: 52.42 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 128662215
Conc: 57.19 ng/ml



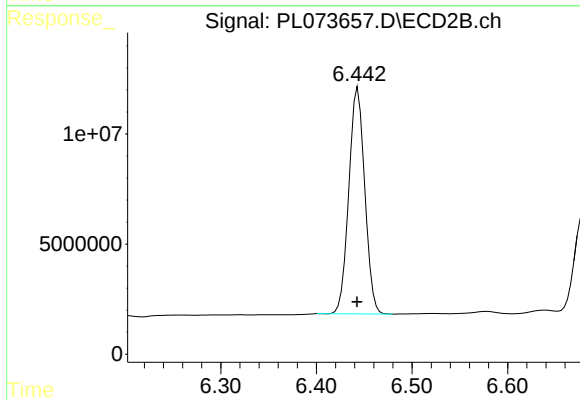
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 21593636
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
BS-SOILPMS

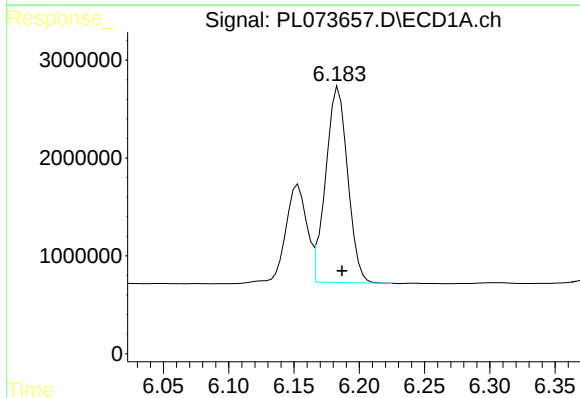
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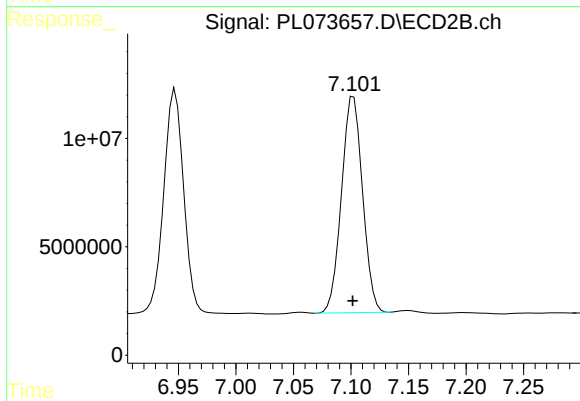
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 119486322
Conc: 55.96 ng/ml



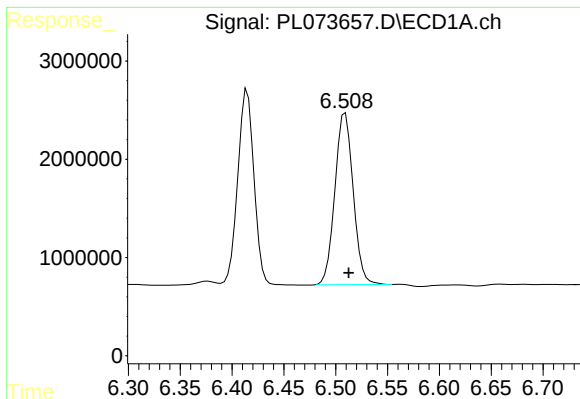
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 23379483
Conc: 51.82 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 127579556
Conc: 54.45 ng/ml



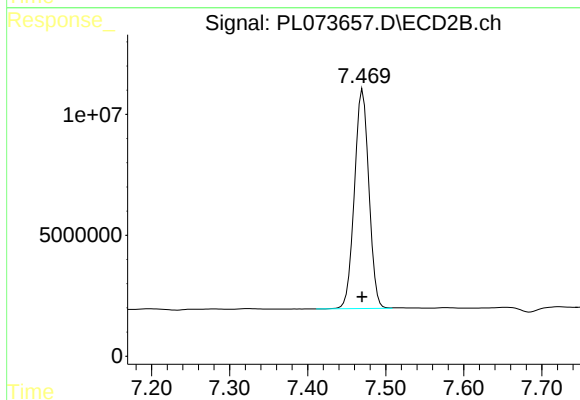
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 21462024
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
BS-SOILPMS

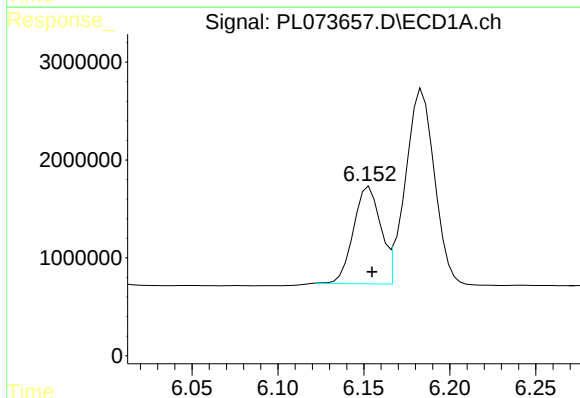
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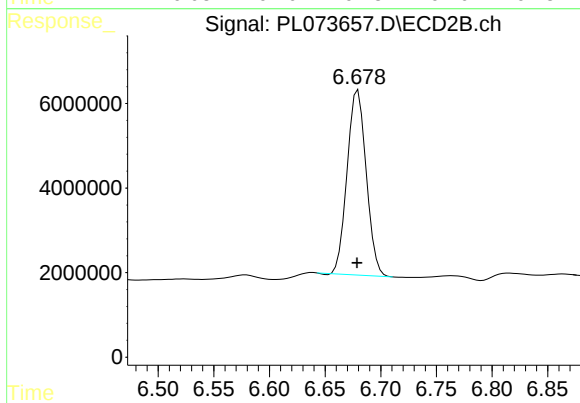
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 116581341
Conc: 55.65 ng/ml



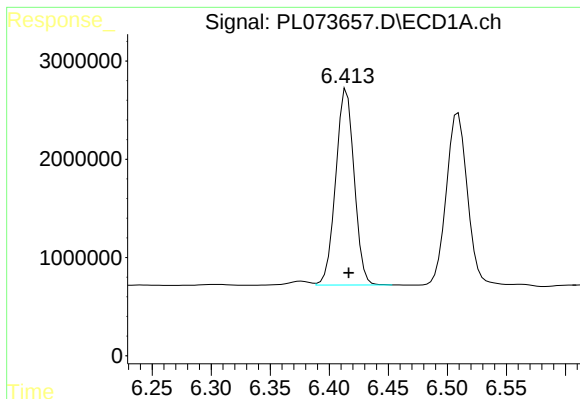
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 10896059
Conc: 52.92 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 52197839
Conc: 50.08 ng/ml



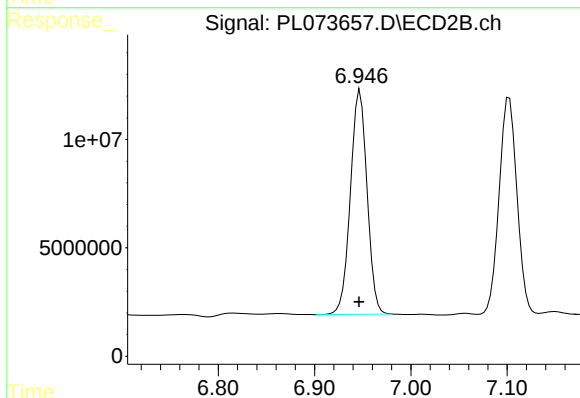
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 21671942
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
BS-SOILPMS

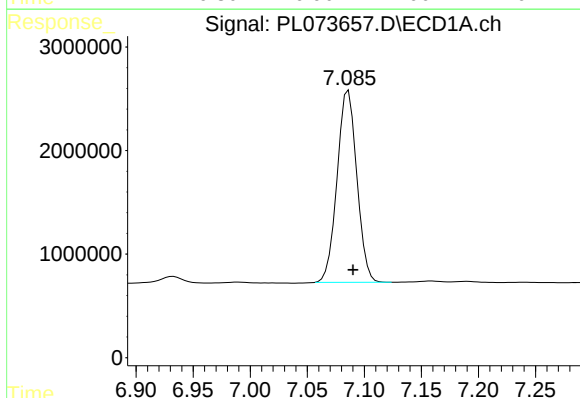
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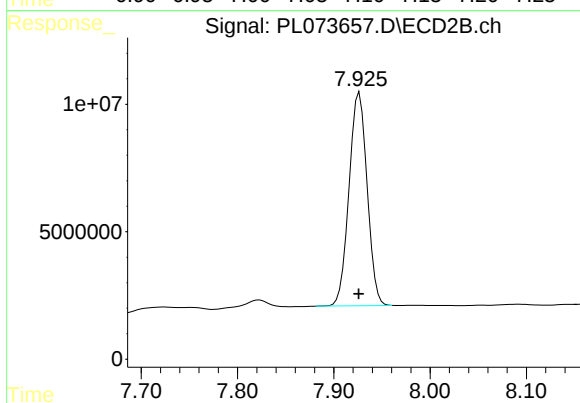
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 123894247
Conc: 57.53 ng/ml



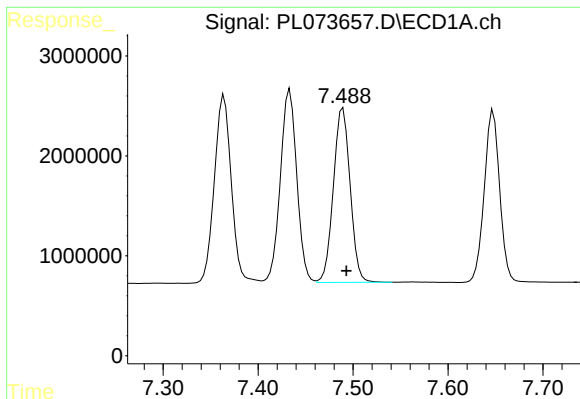
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 22302822
Conc: 51.75 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 108847167
Conc: 54.50 ng/ml



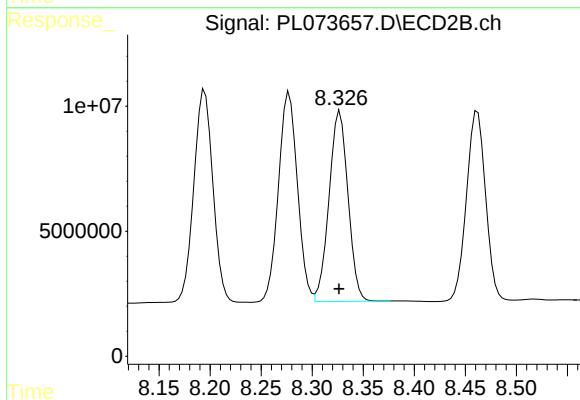
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 21464890
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
BS-SOILPMS

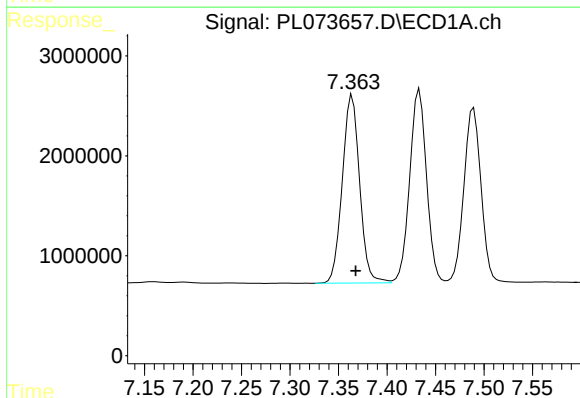
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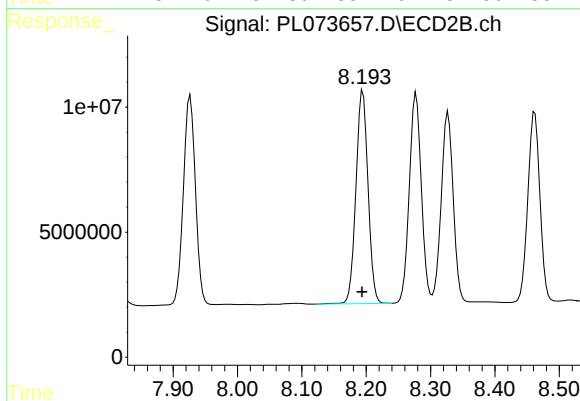
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 98450553
Conc: 53.93 ng/ml



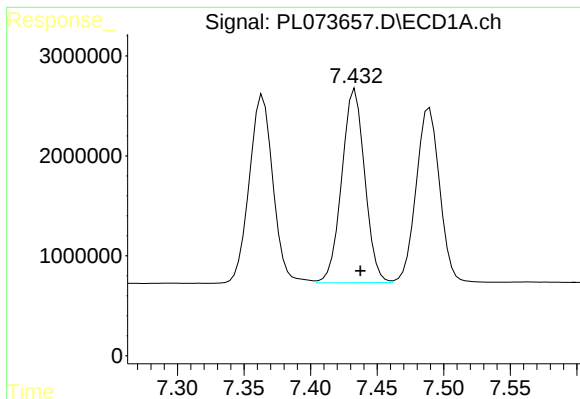
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 23354916
Conc: 53.41 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 111247267
Conc: 54.47 ng/ml



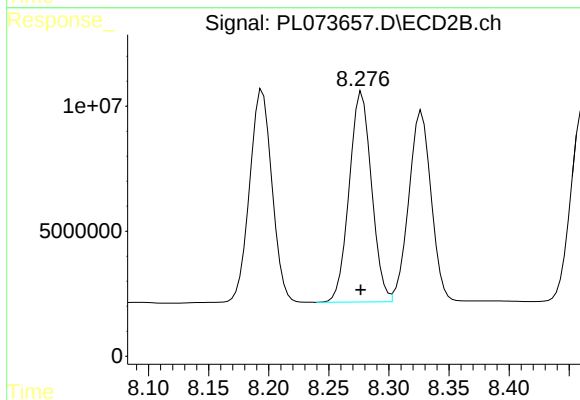
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 23320620
Conc: 52.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
BS-SOILPMS

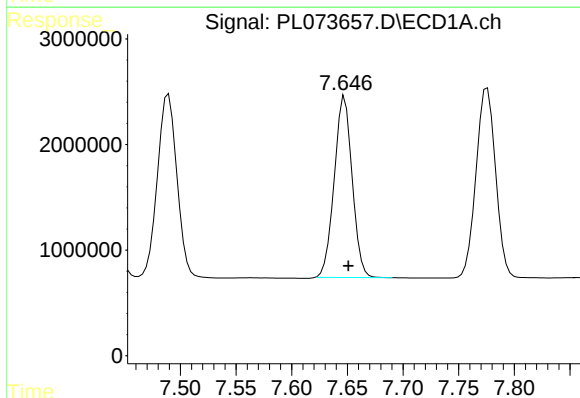
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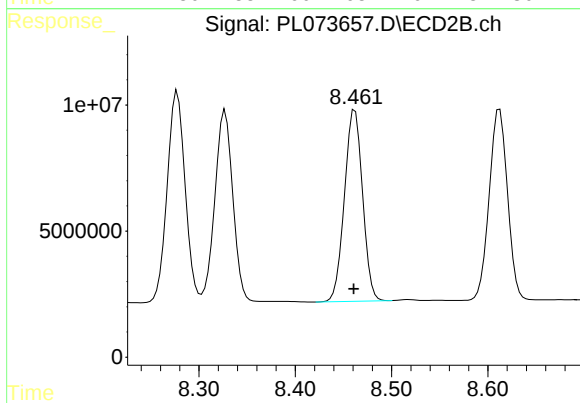
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 108789136
Conc: 54.39 ng/ml



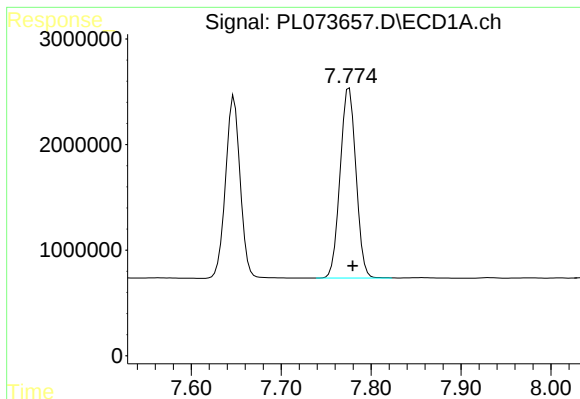
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 19187034
Conc: 53.47 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 98964778
Conc: 55.21 ng/ml



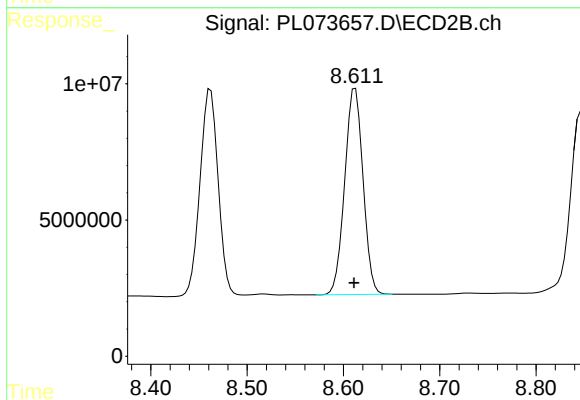
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 22071576
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
BS-SOILPMS

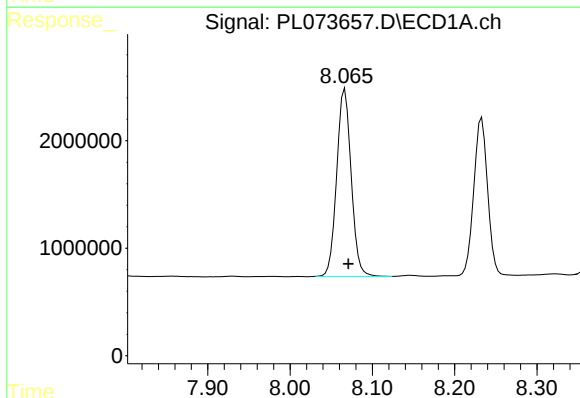
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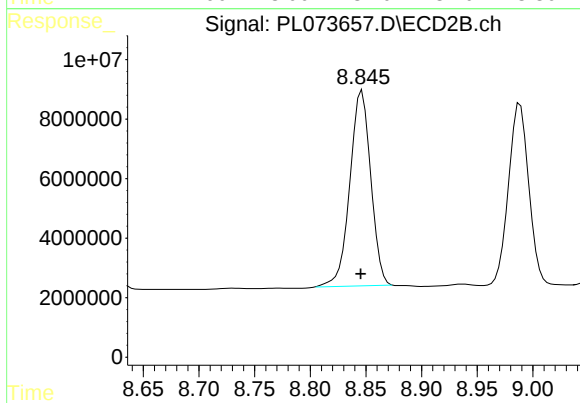
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 99762598
Conc: 54.08 ng/ml



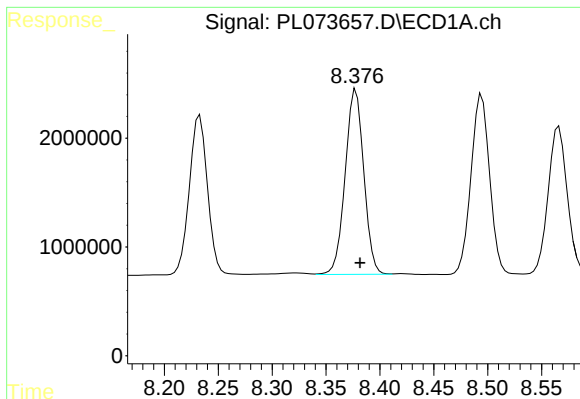
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 21303630
Conc: 54.91 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 85887827
Conc: 55.79 ng/ml



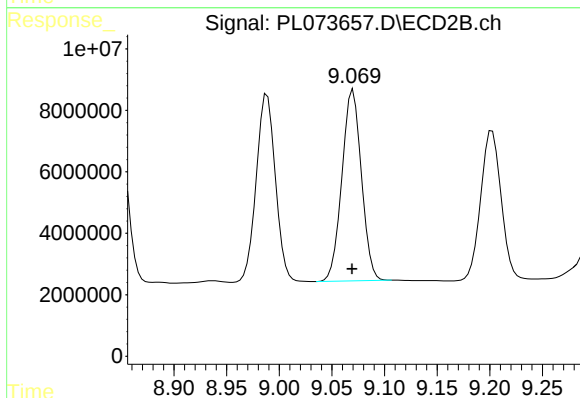
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 20478013
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
BS-SOILPMS

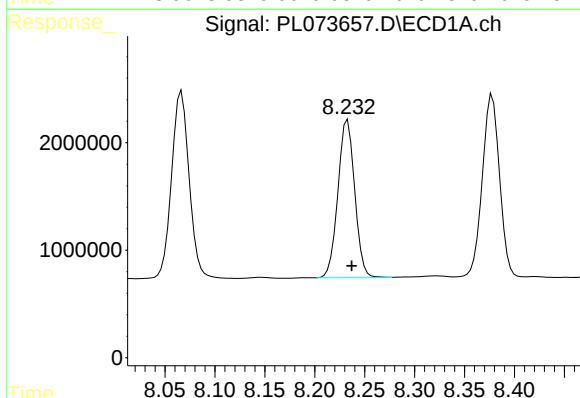
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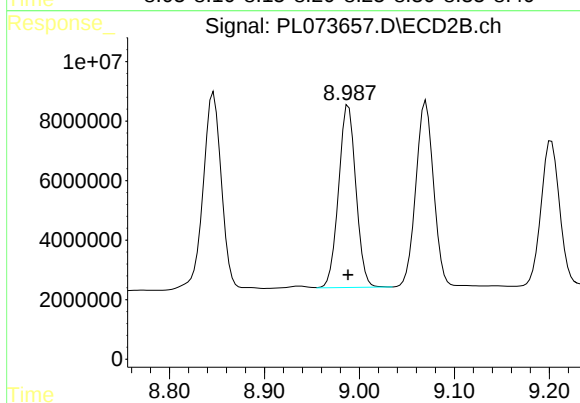
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 80376269
Conc: 52.33 ng/ml



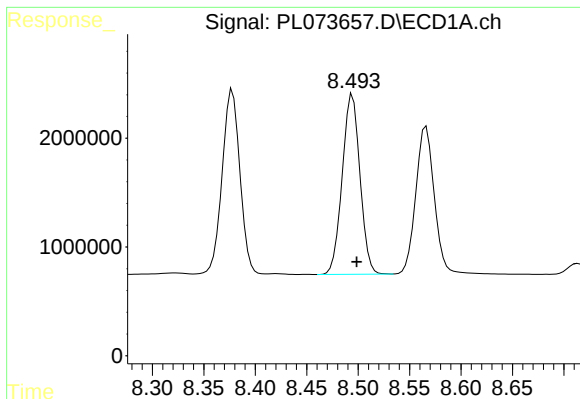
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 17192822
Conc: 52.94 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 77814232
Conc: 53.31 ng/ml



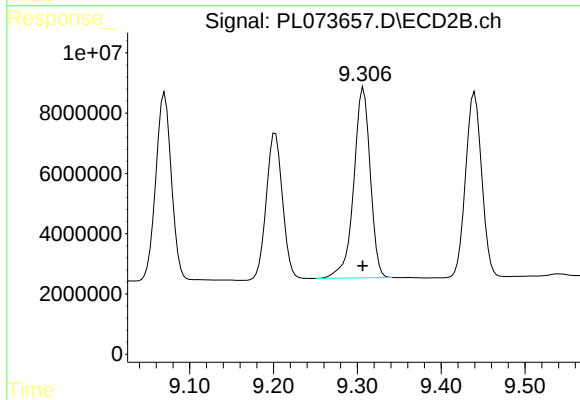
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.004 min
Response: 19883520
Conc: 52.58 ng/ml

Instrument :
ECD_L
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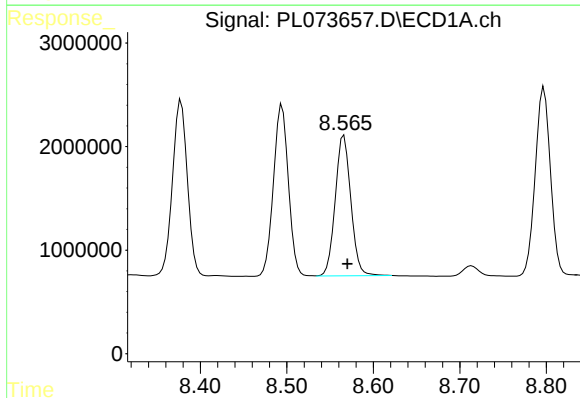
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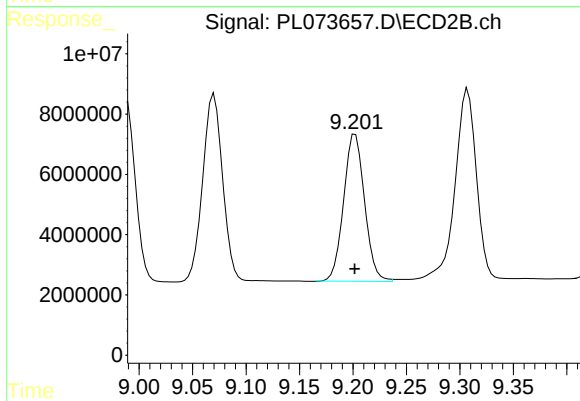
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 86306605
Conc: 52.80 ng/ml



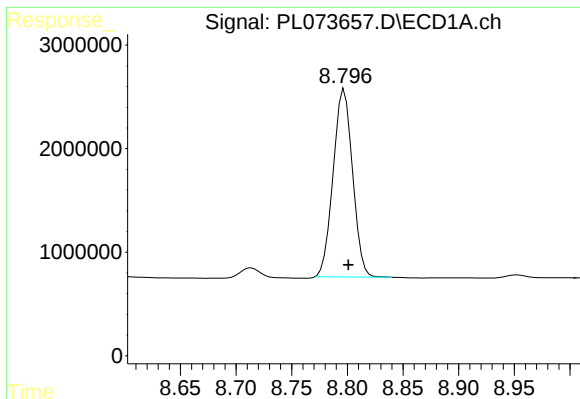
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 16887753
Conc: 53.40 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 66636835
Conc: 54.34 ng/ml m



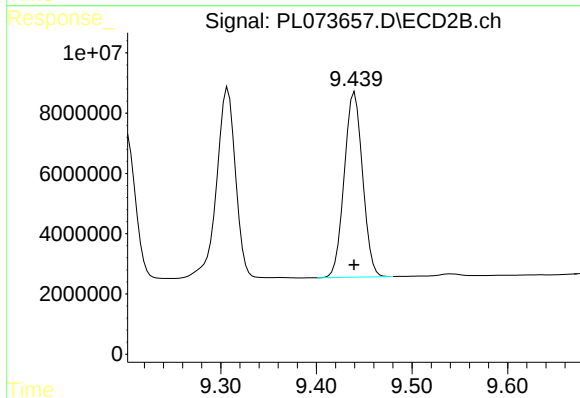
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 21990509
Conc: 52.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
BS-SOILPMS

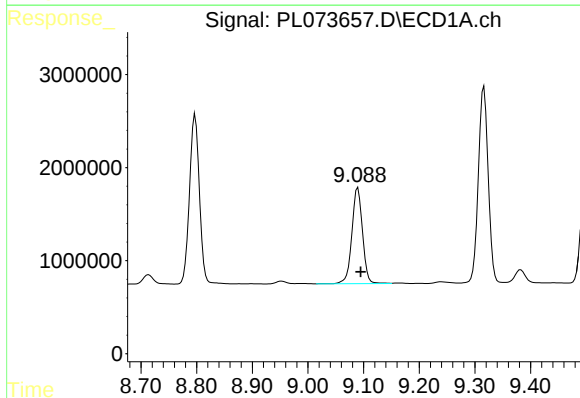
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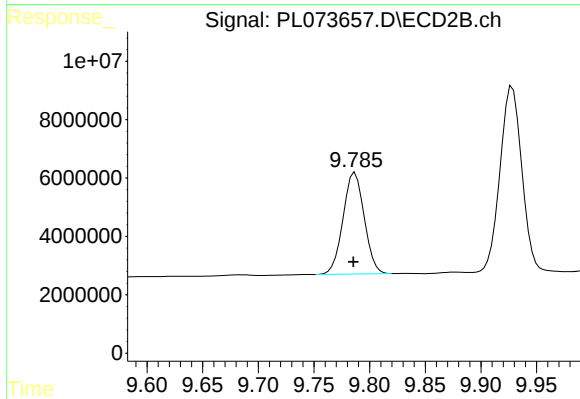
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 82113012
Conc: 52.10 ng/ml



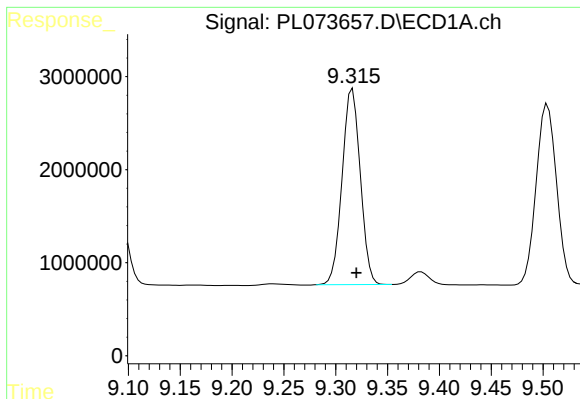
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.005 min
Response: 13664416
Conc: 53.27 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 46123749
Conc: 51.19 ng/ml



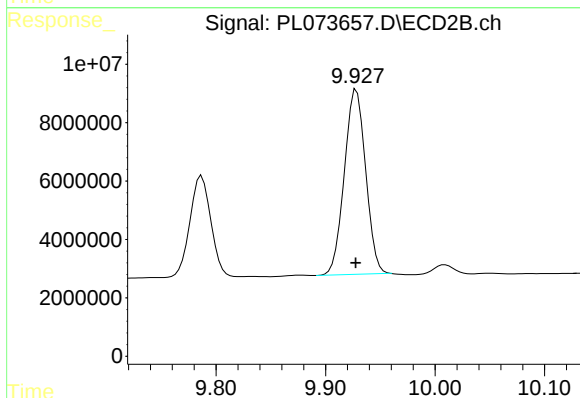
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 25715775
Conc: 52.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
BS-SOILPMS

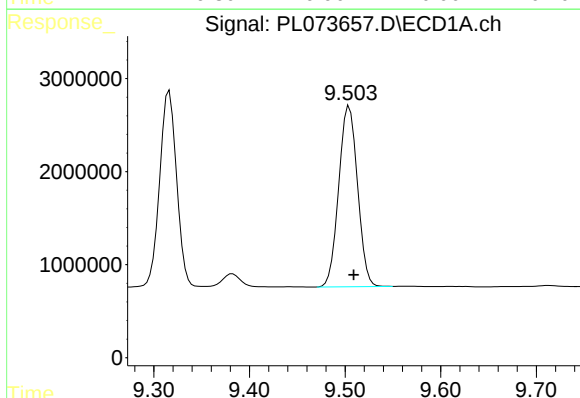
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/25/2022
Supervised By :mohammad ahmed 03/25/2022



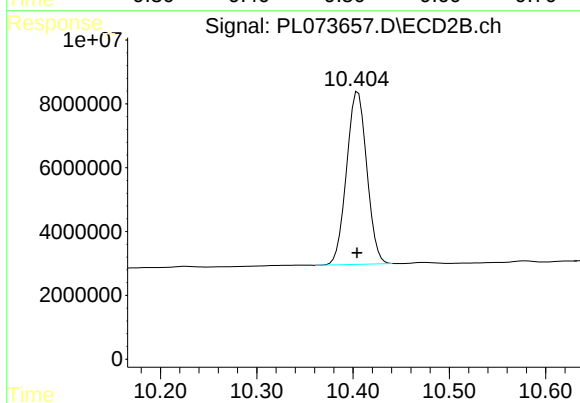
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 85731141
Conc: 51.94 ng/ml



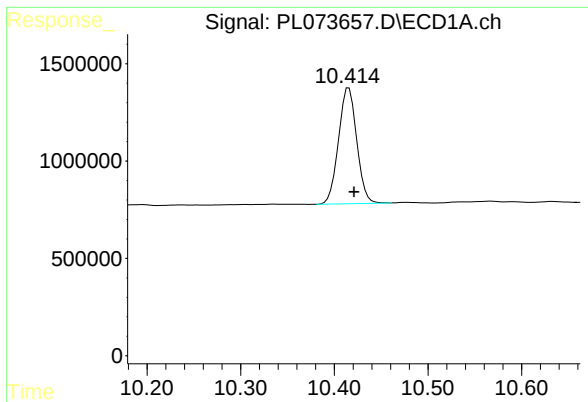
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 26595328
Conc: 56.40 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 78800184
Conc: 58.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 8046759
Conc: 15.82 ng/ml

Instrument :

ECD_L

ClientSampleId :

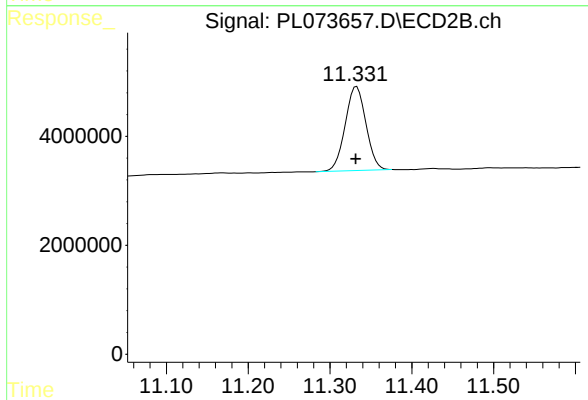
BS-SOILPMS

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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.001 min
Response: 27189811
Conc: 15.21 ng/ml