

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
 Data File : PL072148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2022 22:11
 Operator : AR\AJ
 Sample : SOIL IDOC 03
 Misc : FOR HAROON MUGHAL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC 03

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/21/2022
 Supervised By :Ankita Jodhani 01/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:23:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.556	5.492	9808784	27683471	17.668	17.045
28)	SA Decachlor...	10.317	11.384	16891245	30589195	19.012	18.958
Target Compounds							
2)	A alpha-BHC	5.262	6.074	35206299	109.9E6	45.532	45.554
3)	MA gamma-BHC...	5.685	6.470	34535461	103.6E6	45.802	46.016
4)	MA Heptachlor	6.091	7.116	38638093	103.9E6	44.788	44.835
5)	MB Aldrin	6.415	7.486	36288657	102.6E6	45.956	46.411
6)	B beta-BHC	6.070	6.729	14744606	44783495	44.605	45.231
7)	B delta-BHC	6.328	6.994	36106197	105.9E6	45.580	43.037
8)	B Heptachlo...	6.993	7.953	34941811	106.2E6	45.902	53.033m
9)	A Endosulfan I	7.395	8.357	32644396	83561015	45.932	46.164m
10)	B gamma-Chl...	7.270	8.222	35926022	93306460	45.724	46.173m
11)	B alpha-Chl...	7.339	8.302	35854262	89886483	45.704	45.333m
12)	B 4,4'-DDE	7.555	8.493	33729318	87158059	46.718	46.085
13)	MA Dieldrin	7.680	8.647	35844517	90565620	47.312m	46.099
14)	MA Endrin	7.972	8.886	32102631	76467995	45.817	46.120
15)	B Endosulfa...	8.284	9.122	32565744	77878226	43.799	45.412
16)	A 4,4'-DDD	8.140	9.033	28488019	69477046	48.596	48.593
17)	MA 4,4'-DDT	8.401	9.350	28242168	68989032	42.529	43.649
18)	B Endrin al...	8.473	9.256	27072659	62230232	47.517	50.130
19)	B Endosulfa...	8.704	9.494	33090280	72382768	45.132	46.365
20)	A Methoxychlor	8.997	9.834	17877419	84318899	42.374	101.792m#
21)	B Endrin ke...	9.220	9.991	51596494	77197698	61.963m	46.645
22)	Mirex	9.403	10.454	34308376	58574628	46.458m	46.943

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

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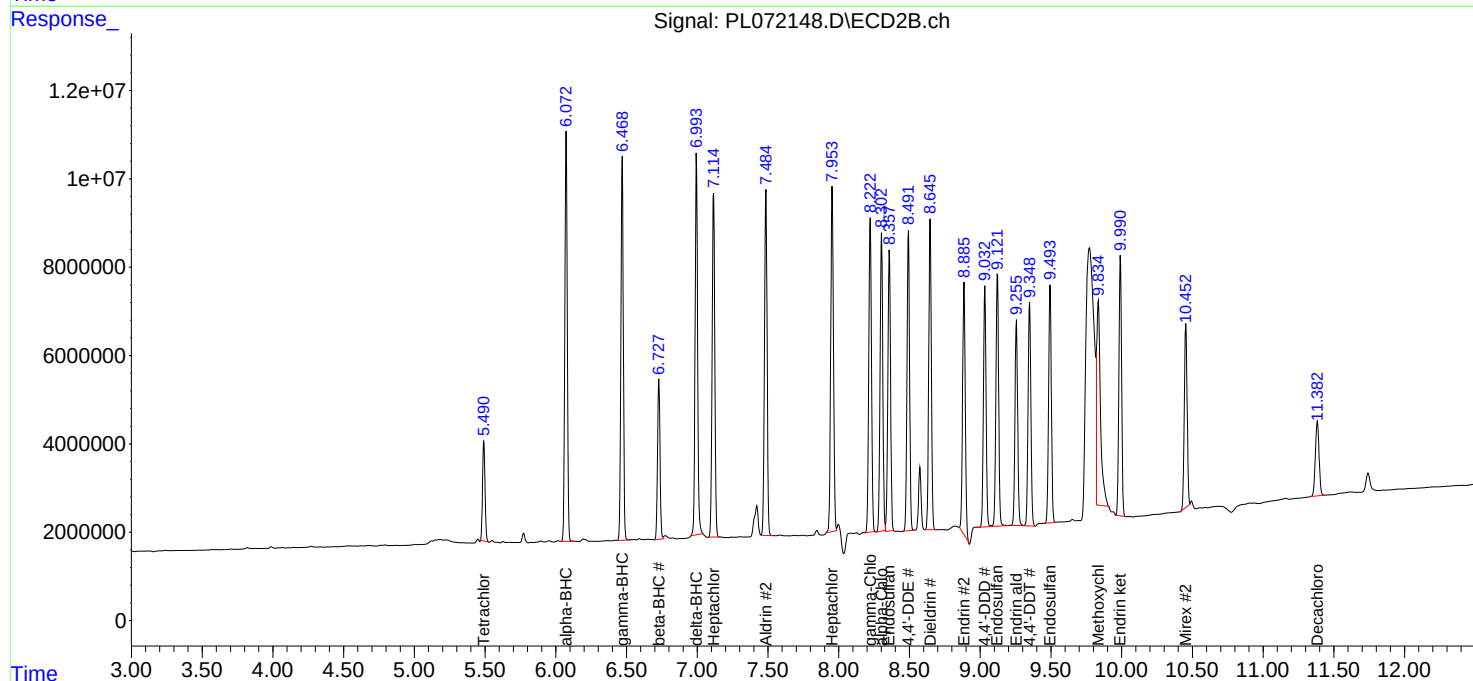
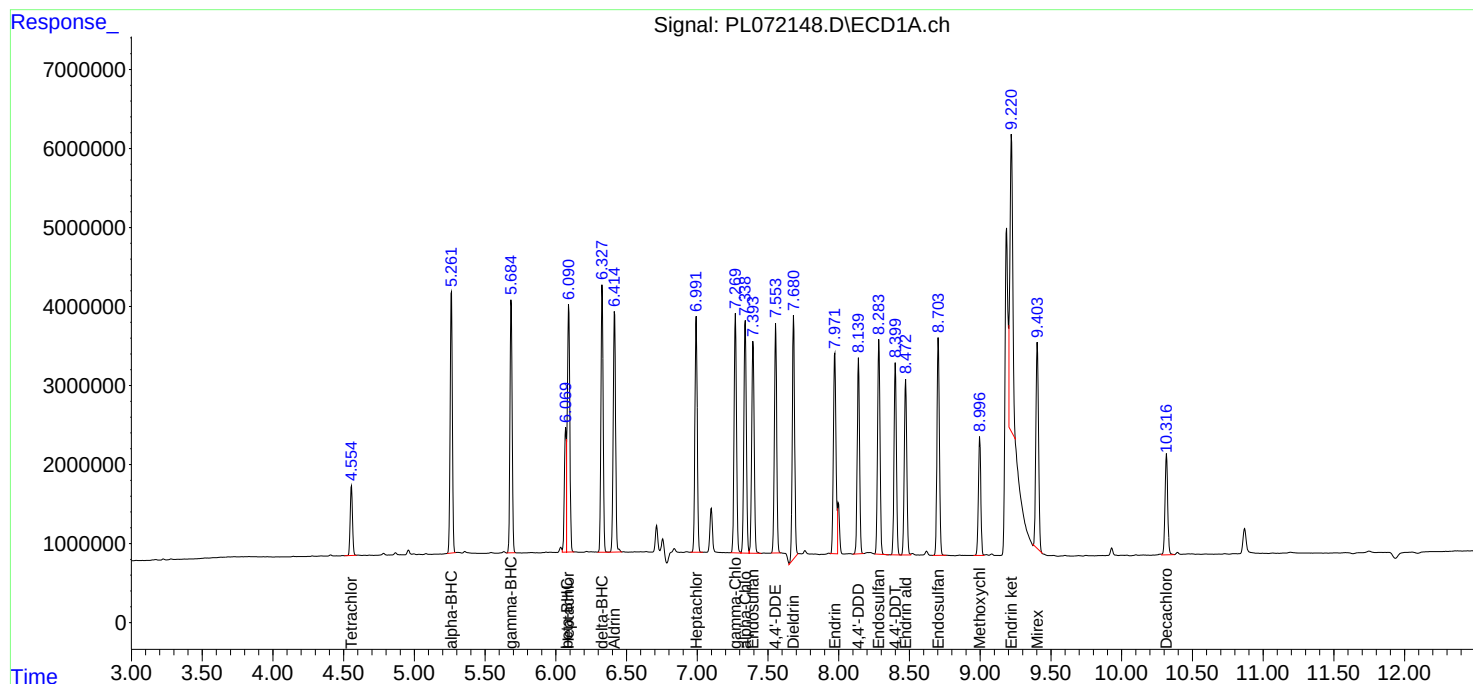
Manual Integrations

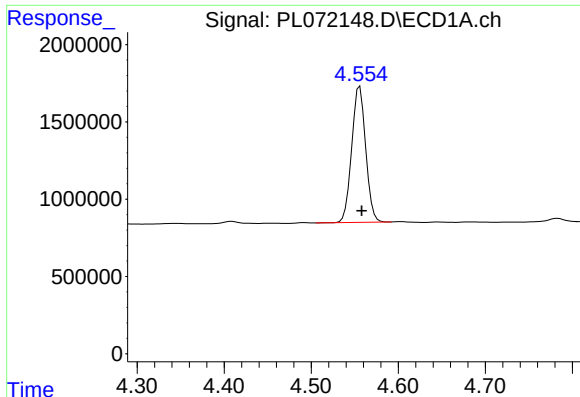
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 Supervised By : Ankita Jodhani 01/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:23:53 2022
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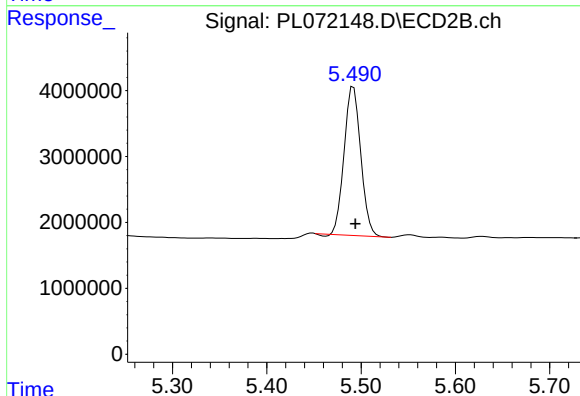
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 9808784
Conc: 17.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

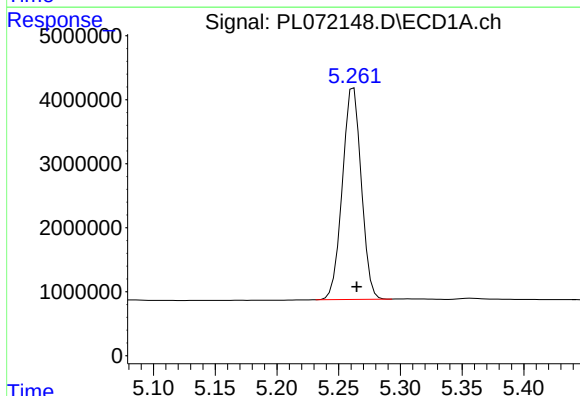
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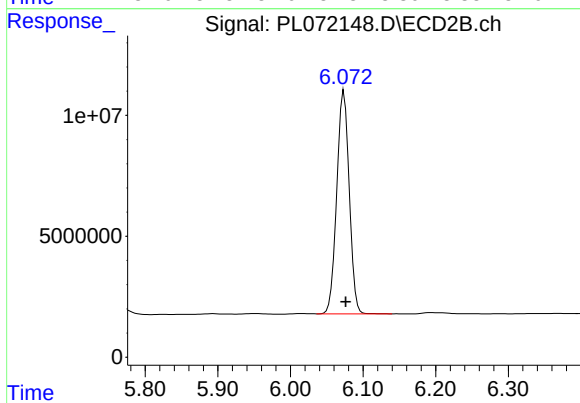
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 27683471
Conc: 17.05 ng/ml



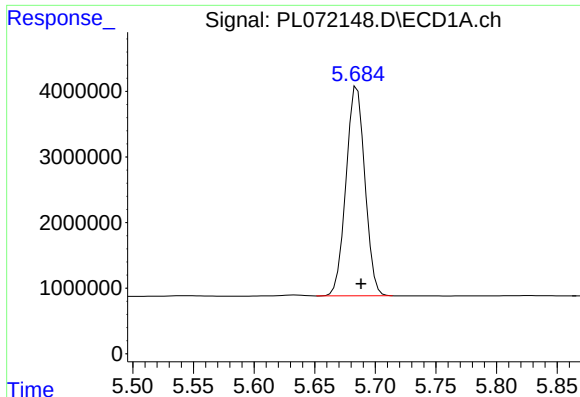
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 35206299
Conc: 45.53 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 109914796
Conc: 45.55 ng/ml



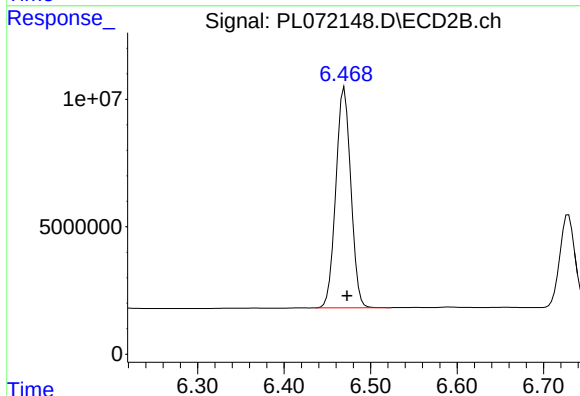
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 34535461
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

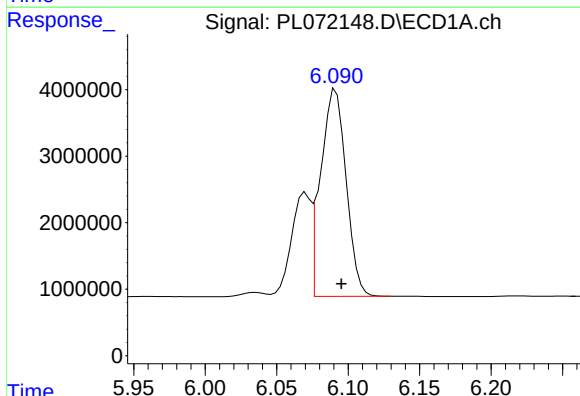
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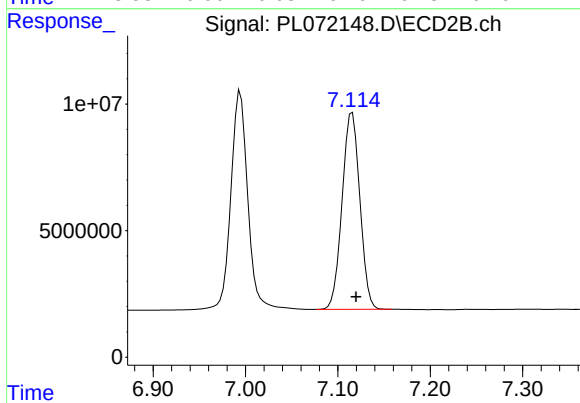
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 103550406
Conc: 46.02 ng/ml



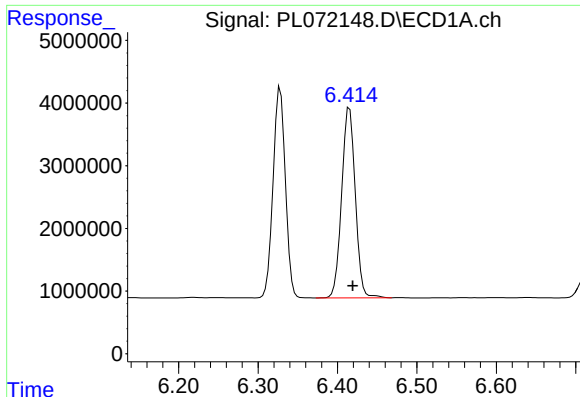
#4 Heptachlor

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 38638093
Conc: 44.79 ng/ml



#4 Heptachlor

R.T.: 7.116 min
Delta R.T.: -0.004 min
Response: 103948517
Conc: 44.83 ng/ml



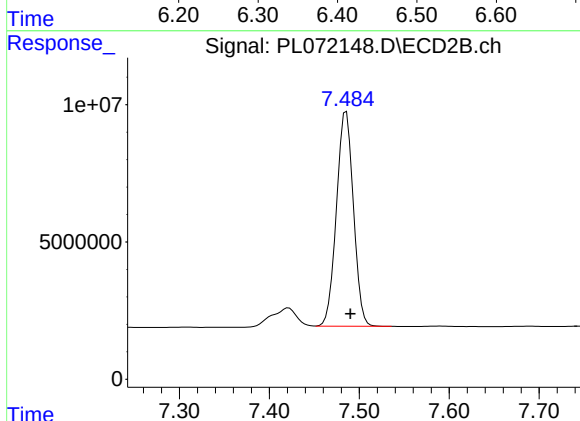
#5 Aldrin

R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 36288657
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

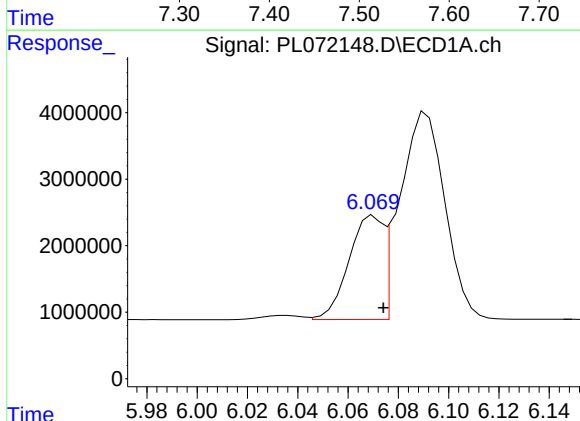
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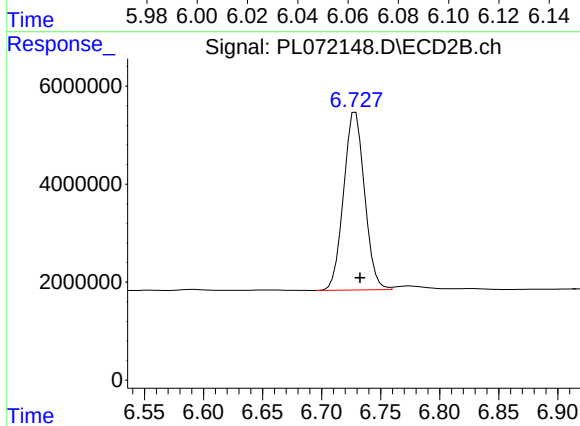
#5 Aldrin

R.T.: 7.486 min
Delta R.T.: -0.005 min
Response: 102626183
Conc: 46.41 ng/ml



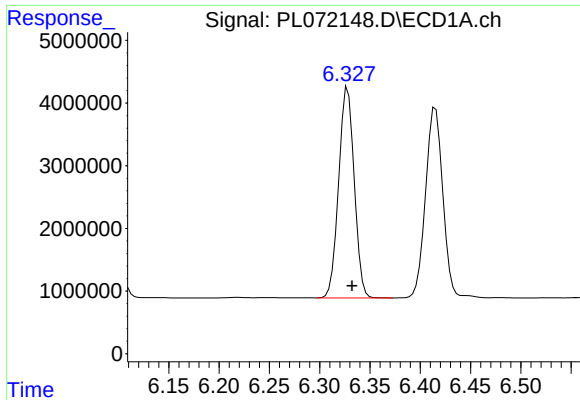
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 14744606
Conc: 44.60 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 44783495
Conc: 45.23 ng/ml



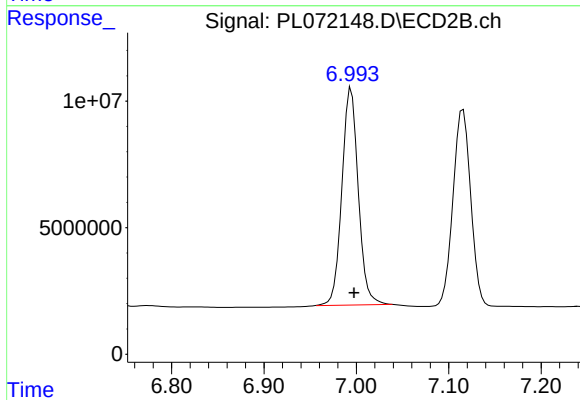
#7 delta-BHC

R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 36106197
Conc: 45.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

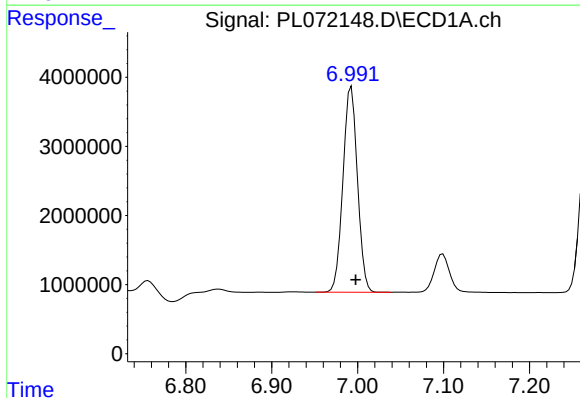
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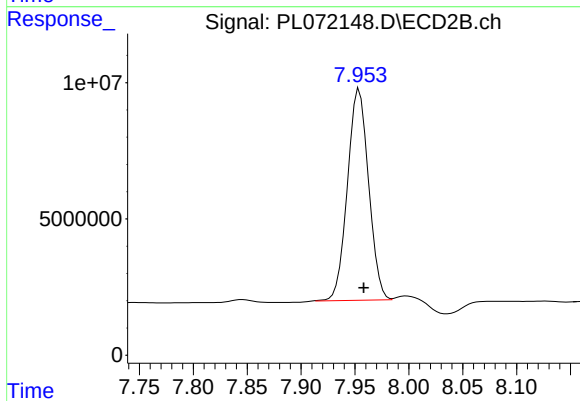
#7 delta-BHC

R.T.: 6.994 min
Delta R.T.: -0.003 min
Response: 105885022
Conc: 43.04 ng/ml



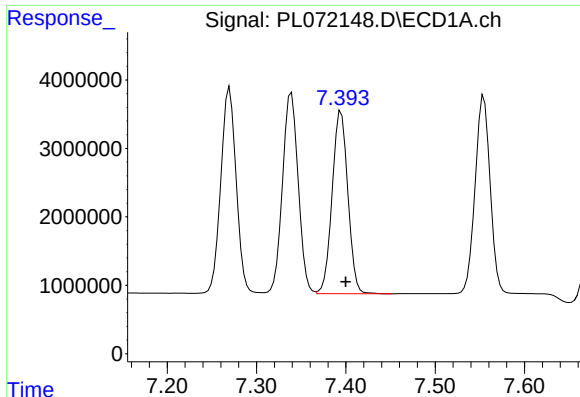
#8 Heptachlor epoxide

R.T.: 6.993 min
Delta R.T.: -0.005 min
Response: 34941811
Conc: 45.90 ng/ml



#8 Heptachlor epoxide

R.T.: 7.953 min
Delta R.T.: -0.005 min
Response: 106187149
Conc: 53.03 ng/ml m



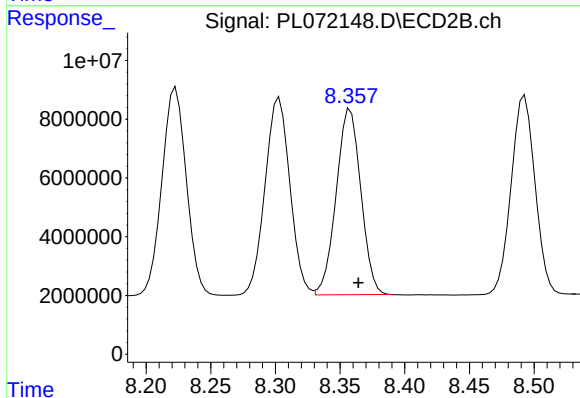
#9 Endosulfan I

R.T.: 7.395 min
Delta R.T.: -0.005 min
Response: 32644396
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

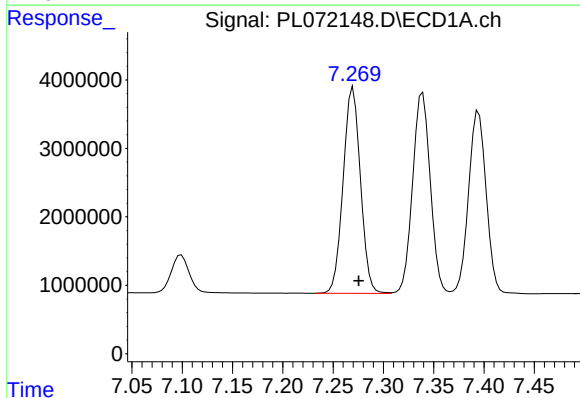
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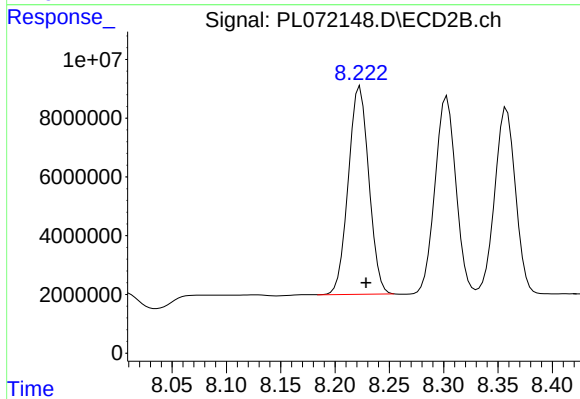
#9 Endosulfan I

R.T.: 8.357 min
Delta R.T.: -0.008 min
Response: 83561015
Conc: 46.16 ng/ml m



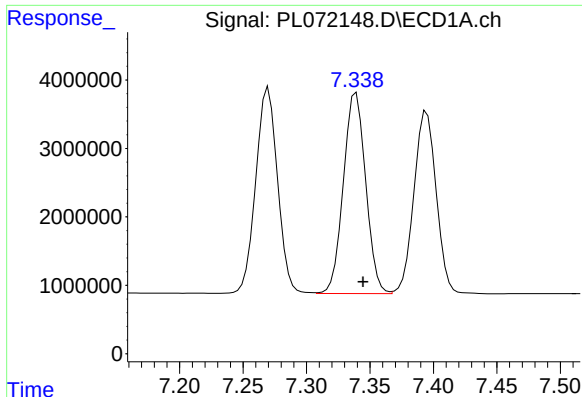
#10 gamma-Chlordane

R.T.: 7.270 min
Delta R.T.: -0.005 min
Response: 35926022
Conc: 45.72 ng/ml



#10 gamma-Chlordane

R.T.: 8.222 min
Delta R.T.: -0.007 min
Response: 93306460
Conc: 46.17 ng/ml m



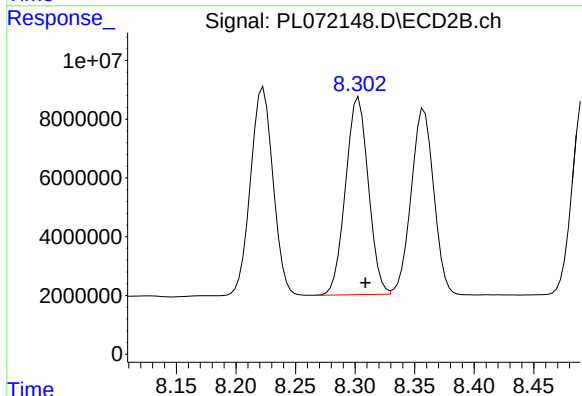
#11 alpha-Chlordane

R.T.: 7.339 min
Delta R.T.: -0.005 min
Response: 35854262
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

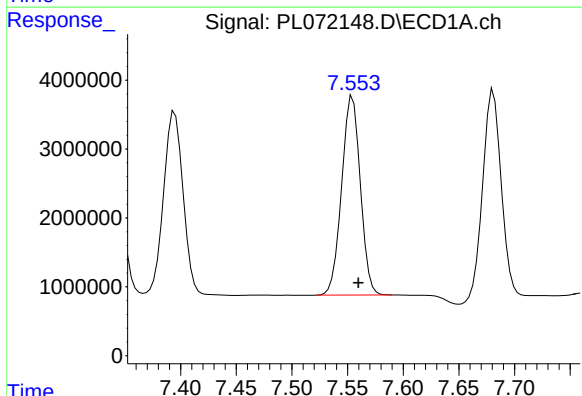
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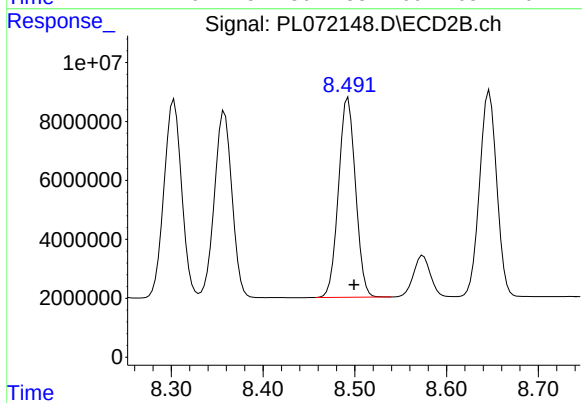
#11 alpha-Chlordane

R.T.: 8.302 min
Delta R.T.: -0.007 min
Response: 89886483
Conc: 45.33 ng/ml m



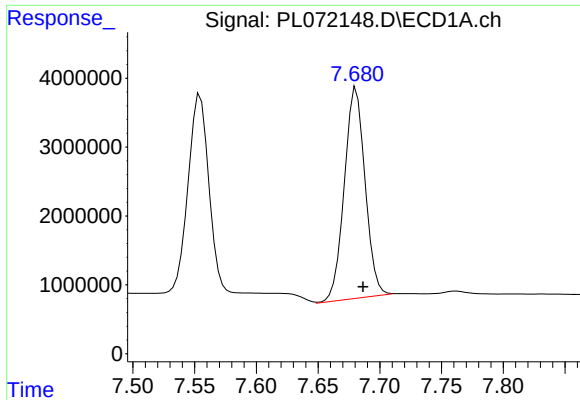
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 33729318
Conc: 46.72 ng/ml



#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 87158059
Conc: 46.08 ng/ml



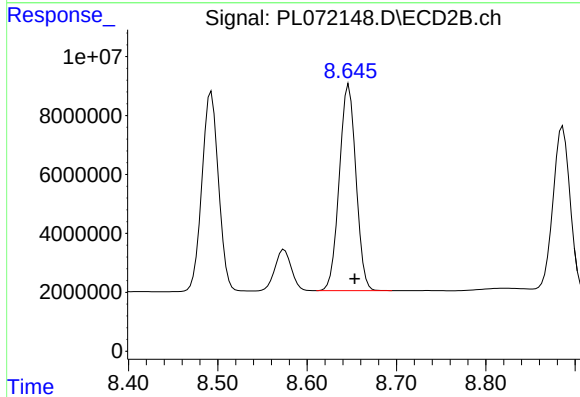
#13 Dieldrin

R.T.: 7.680 min
Delta R.T.: -0.007 min
Response: 35844517
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

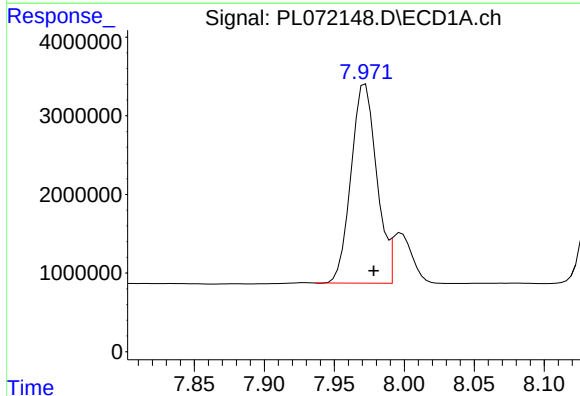
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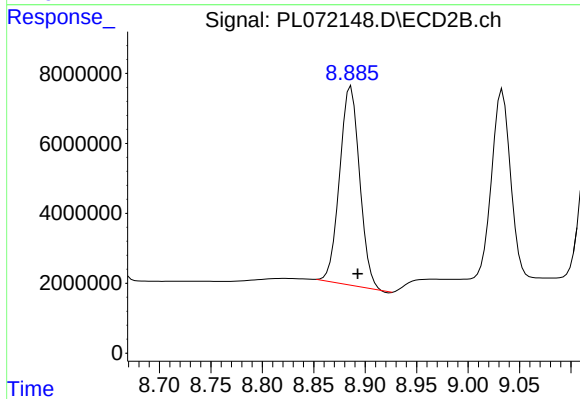
#13 Dieldrin

R.T.: 8.647 min
Delta R.T.: -0.006 min
Response: 90565620
Conc: 46.10 ng/ml



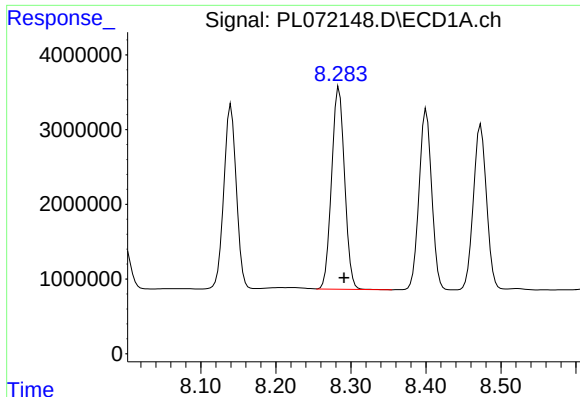
#14 Endrin

R.T.: 7.972 min
Delta R.T.: -0.006 min
Response: 32102631
Conc: 45.82 ng/ml



#14 Endrin

R.T.: 8.886 min
Delta R.T.: -0.007 min
Response: 76467995
Conc: 46.12 ng/ml



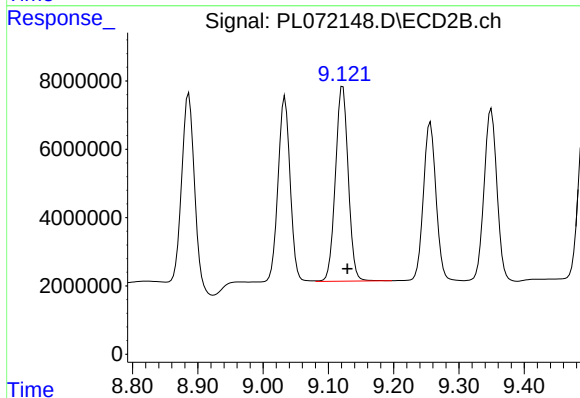
#15 Endosulfan II

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 32565744
Conc: 43.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

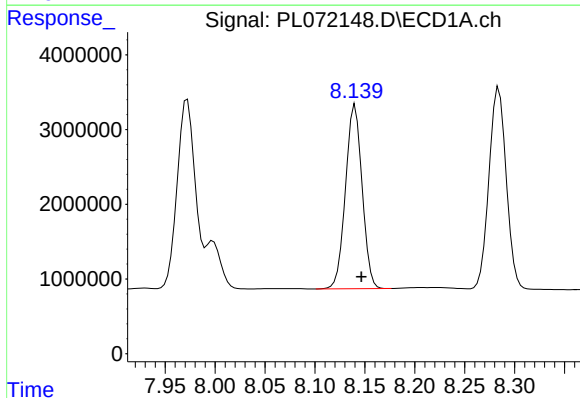
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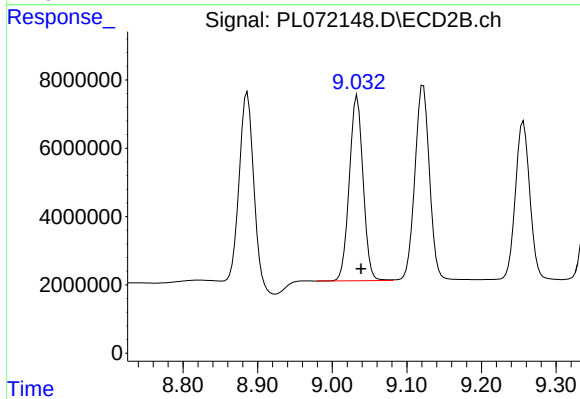
#15 Endosulfan II

R.T.: 9.122 min
Delta R.T.: -0.007 min
Response: 77878226
Conc: 45.41 ng/ml



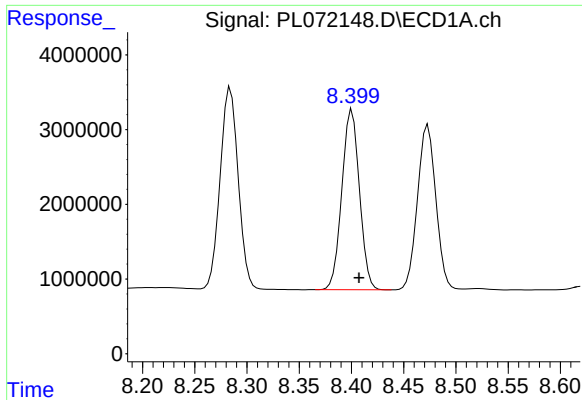
#16 4,4'-DDD

R.T.: 8.140 min
Delta R.T.: -0.007 min
Response: 28488019
Conc: 48.60 ng/ml



#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 69477046
Conc: 48.59 ng/ml



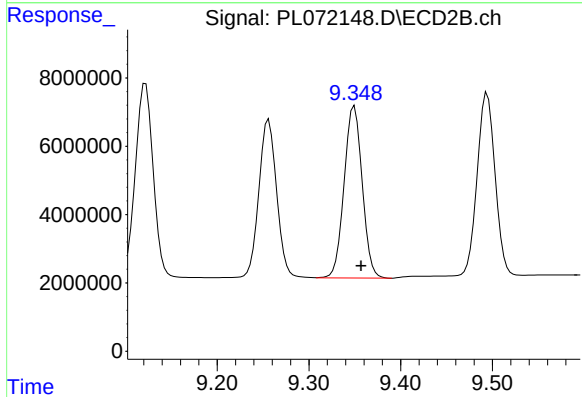
#17 4,4'-DDT

R.T.: 8.401 min
Delta R.T.: -0.007 min
Response: 28242168
Conc: 42.53 ng/ml

Instrument :
ECD_L
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SOIL IDOC 03

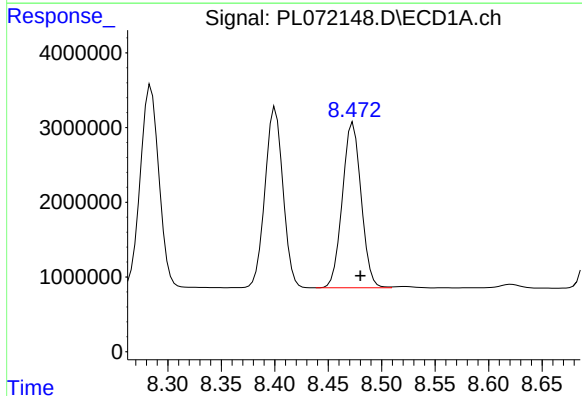
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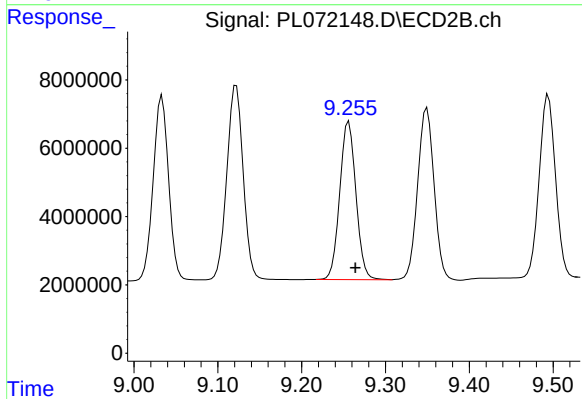
#17 4,4'-DDT

R.T.: 9.350 min
Delta R.T.: -0.007 min
Response: 68989032
Conc: 43.65 ng/ml



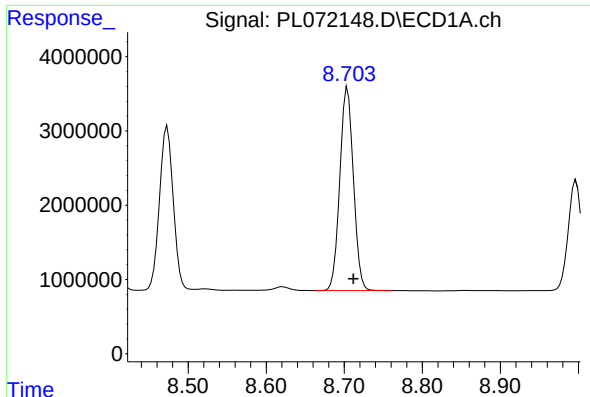
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.007 min
Response: 27072659
Conc: 47.52 ng/ml



#18 Endrin aldehyde

R.T.: 9.256 min
Delta R.T.: -0.008 min
Response: 62230232
Conc: 50.13 ng/ml



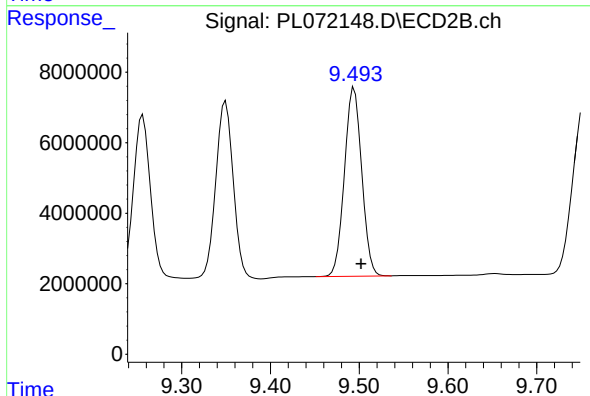
#19 Endosulfan Sulfate

R.T.: 8.704 min
Delta R.T.: -0.008 min
Response: 33090280
Conc: 45.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

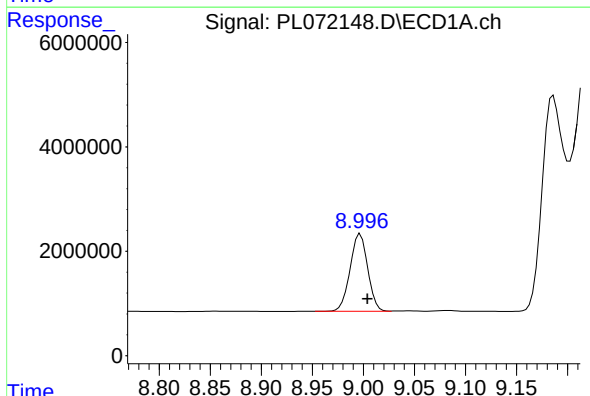
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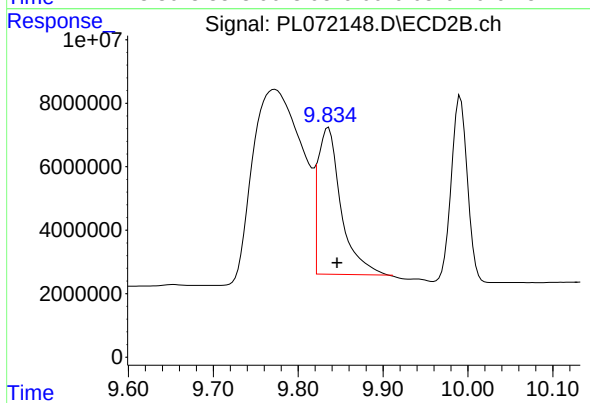
#19 Endosulfan Sulfate

R.T.: 9.494 min
Delta R.T.: -0.008 min
Response: 72382768
Conc: 46.36 ng/ml



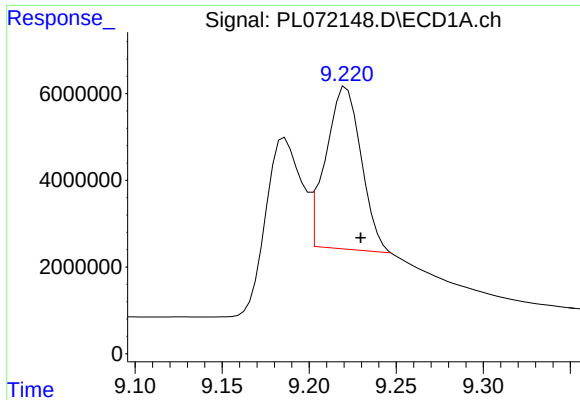
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: -0.007 min
Response: 17877419
Conc: 42.37 ng/ml



#20 Methoxychlor

R.T.: 9.834 min
Delta R.T.: -0.011 min
Response: 84318899
Conc: 101.79 ng/ml m



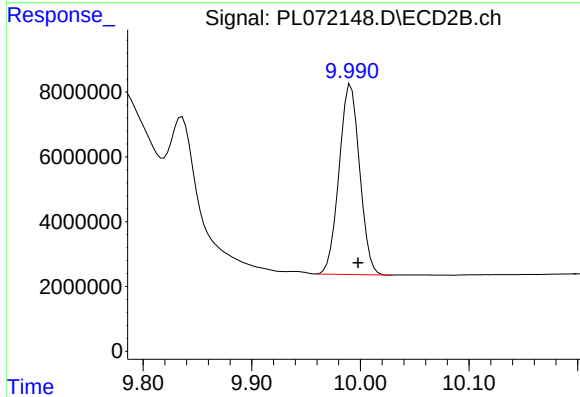
#21 Endrin ketone

R.T.: 9.220 min
Delta R.T.: -0.010 min
Response: 51596494
Conc: 61.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

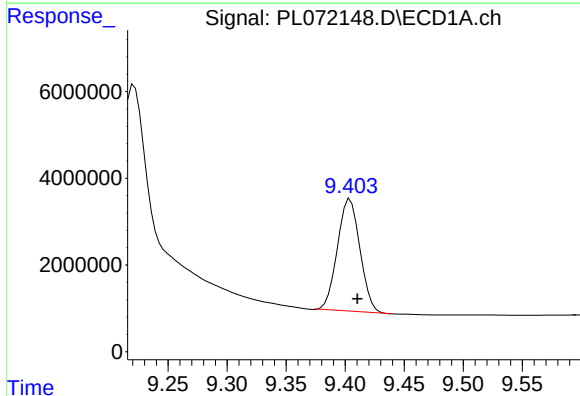
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APPROVED

Reviewed By :Abdul Mirza 01/21/2022
Supervised By :Ankita Jodhani 01/21/2022



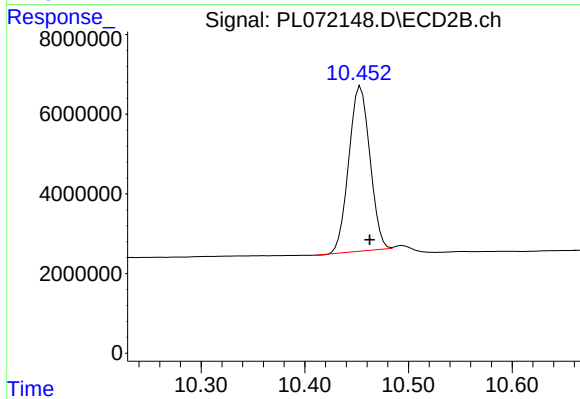
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.007 min
Response: 77197698
Conc: 46.65 ng/ml



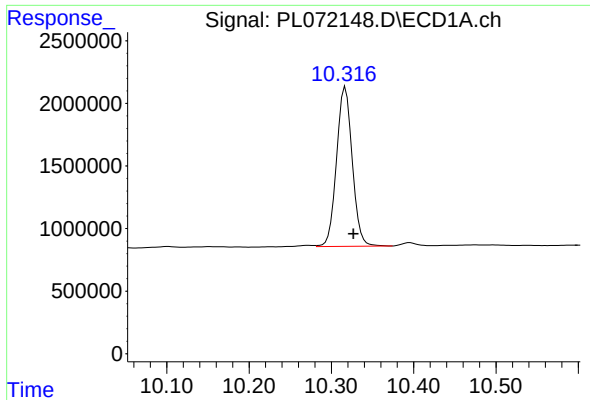
#22 Mirex

R.T.: 9.403 min
Delta R.T.: -0.008 min
Response: 34308376
Conc: 46.46 ng/ml m



#22 Mirex

R.T.: 10.454 min
Delta R.T.: -0.009 min
Response: 58574628
Conc: 46.94 ng/ml



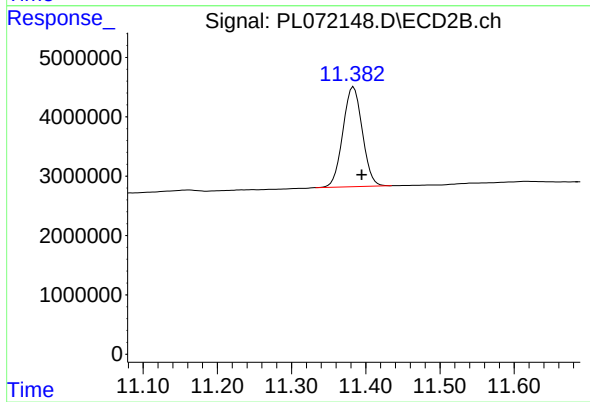
#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: -0.010 min
Response: 16891245
Conc: 19.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.384 min
Delta R.T.: -0.011 min
Response: 30589195
Conc: 18.96 ng/ml