

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
 Data File : PL072115.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2022 11:34
 Operator : AR\AJ
 Sample : SOIL IDOC 03
 Misc : FOR HAROON MUGHAL
 ALS Vial : 7 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 04:19:21 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	10835593	31265407	19.517	19.251
28)	SA Decachlor...	10.317	11.384	18135358	32940638	20.413	20.416
Target Compounds							
2)	A alpha-BHC	5.263	6.073	38927127	122.8E6	50.344	50.892
3)	MA gamma-BHC...	5.686	6.469	38078501	115.5E6	50.500	51.325
4)	MA Heptachlor	6.092	7.115	42820937	117.3E6	49.636	50.583
5)	MB Aldrin	6.416	7.485	39817300	113.4E6	50.425	51.270
6)	B beta-BHC	6.071	6.729	15825405	49595000	47.874	50.090
7)	B delta-BHC	6.329	6.995	39858749	118.4E6	50.318	48.104
8)	B Heptachlo...	6.994	7.953	38064870	104.3E6	50.004	52.068
9)	A Endosulfan I	7.396	8.358	35874214	93932223	50.477	51.894
10)	B gamma-Chl...	7.271	8.223	38933528	104.2E6	49.551	51.553
11)	B alpha-Chl...	7.340	8.303	38930280	101.9E6	49.625	51.403
12)	B 4,4'-DDE	7.555	8.493	36664118	99987180	50.782	52.868
13)	MA Dieldrin	7.682	8.647	38637353	100.4E6	50.998	51.086
14)	MA Endrin	7.973	8.886	34987970	83820174	49.935	50.555
15)	B Endosulfa...	8.285	9.122	35742627	87232610	48.072	50.867
16)	A 4,4'-DDD	8.141	9.034	30870927	78038491	52.661	54.581
17)	MA 4,4'-DDT	8.401	9.350	31620222	78611743	47.616	49.737
18)	B Endrin al...	8.473	9.257	29533463	69476177	51.836	55.967
19)	B Endosulfa...	8.705	9.495	35733805	80057070	48.738	51.281
20)	A Methoxychlor	8.997	9.836	19461695	44220897	46.129	53.384m
21)	B Endrin ke...	9.221	9.992	44809075	86707642	53.812m	52.391
22)	Mirex	9.404	10.454	38271586	67622614	51.825	54.194

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
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ECD_L

ClientSampleId :

SOIL IDOC 03

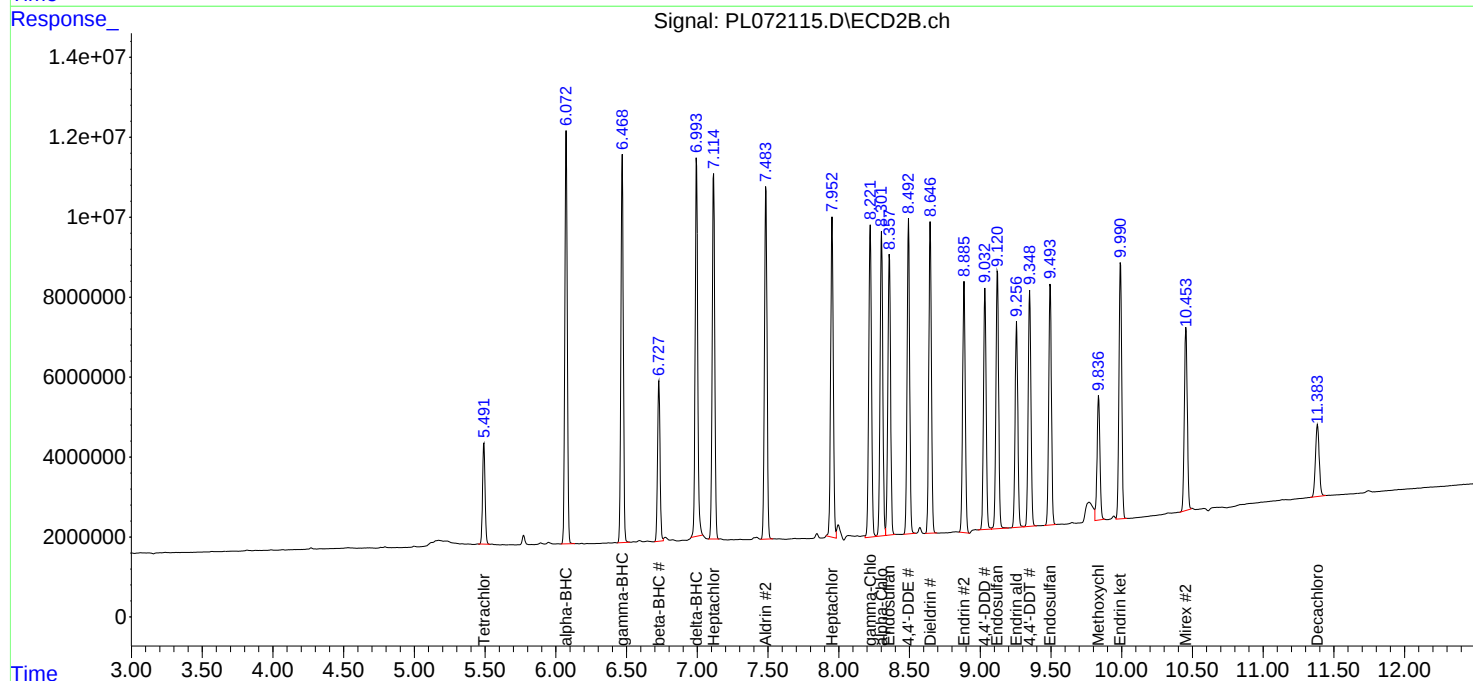
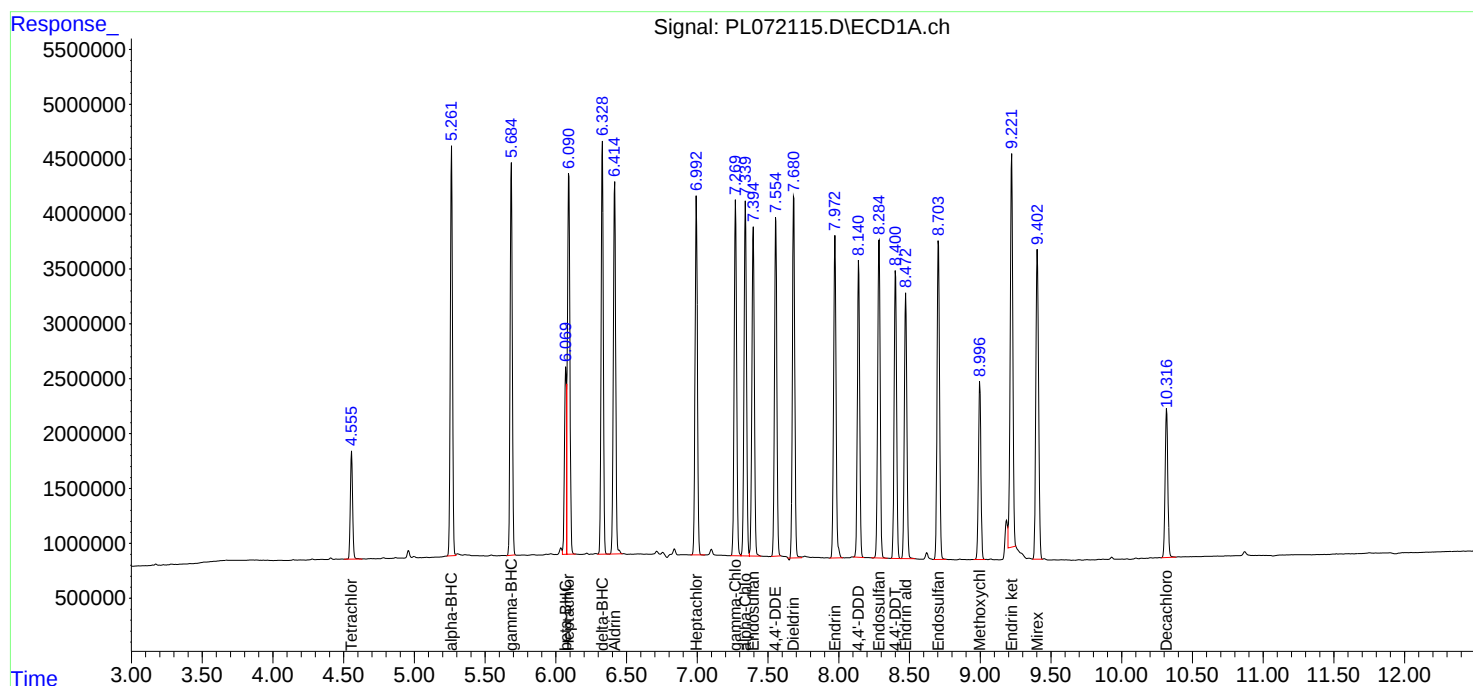
Manual Integrations

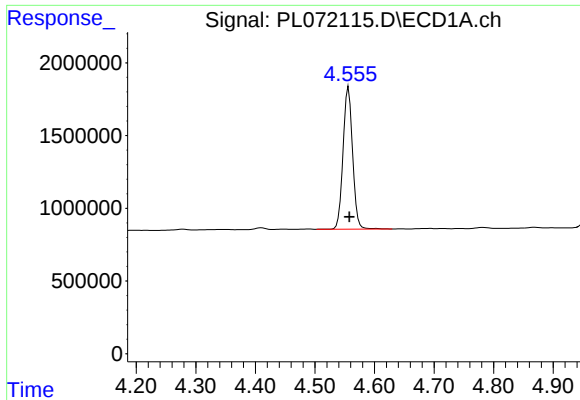
APPROVED

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 04:19:21 2022
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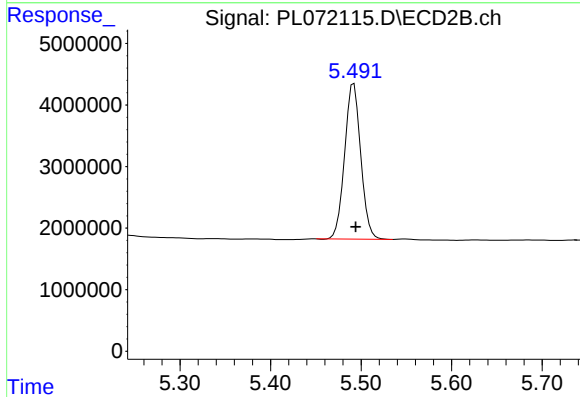
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 10835593
Conc: 19.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

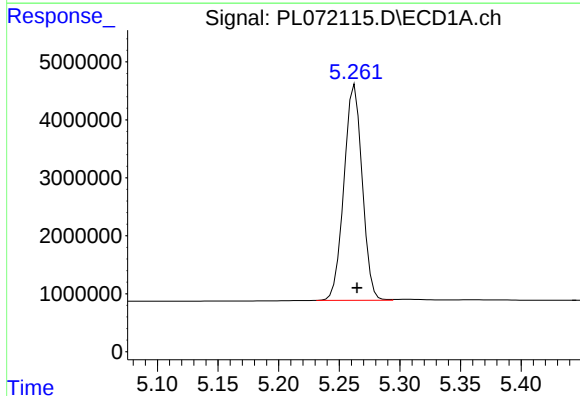
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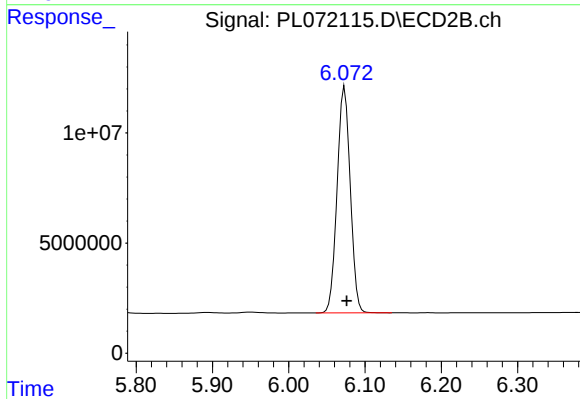
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 31265407
Conc: 19.25 ng/ml



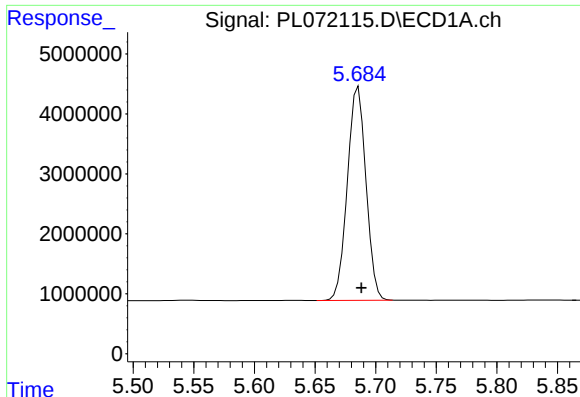
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 38927127
Conc: 50.34 ng/ml



#2 alpha-BHC

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 122795863
Conc: 50.89 ng/ml



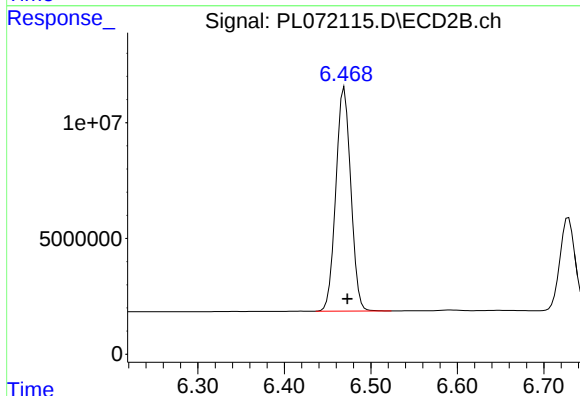
#3 gamma-BHC (Lindane)

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 38078501
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

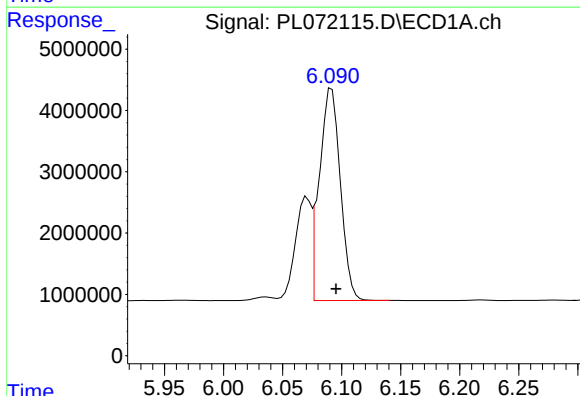
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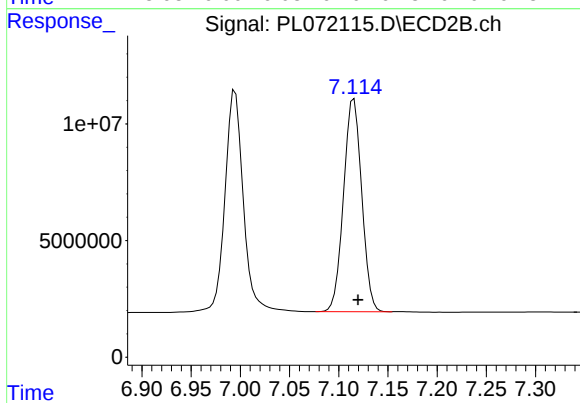
#3 gamma-BHC (Lindane)

R.T.: 6.469 min
Delta R.T.: -0.003 min
Response: 115497646
Conc: 51.33 ng/ml



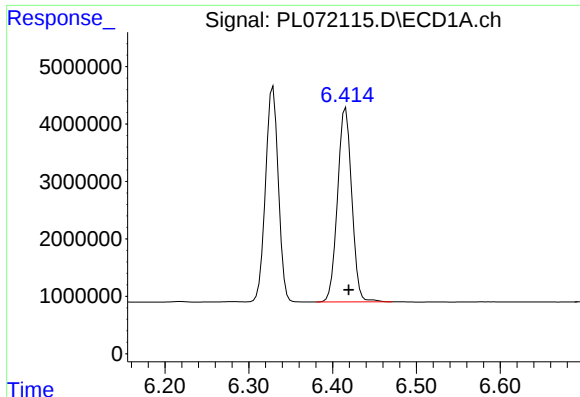
#4 Heptachlor

R.T.: 6.092 min
Delta R.T.: -0.004 min
Response: 42820937
Conc: 49.64 ng/ml



#4 Heptachlor

R.T.: 7.115 min
Delta R.T.: -0.004 min
Response: 117275841
Conc: 50.58 ng/ml



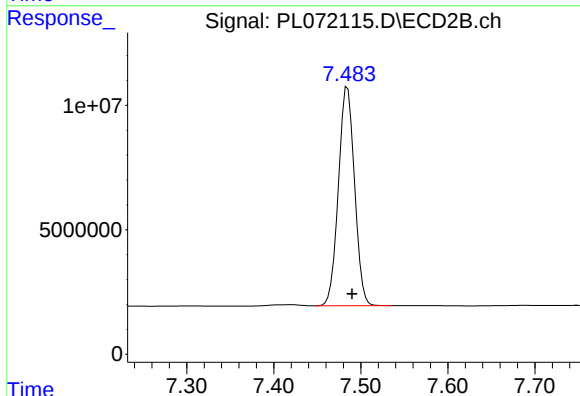
#5 Aldrin

R.T.: 6.416 min
Delta R.T.: -0.003 min
Response: 39817300
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

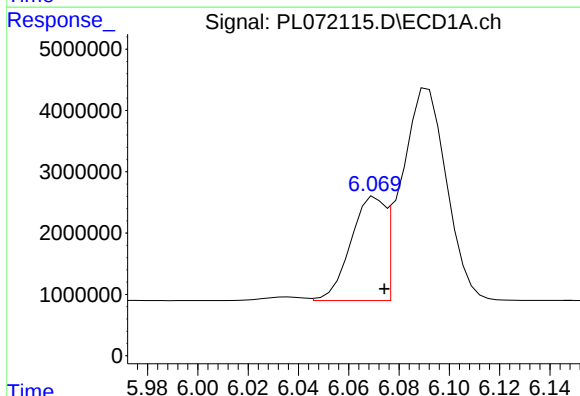
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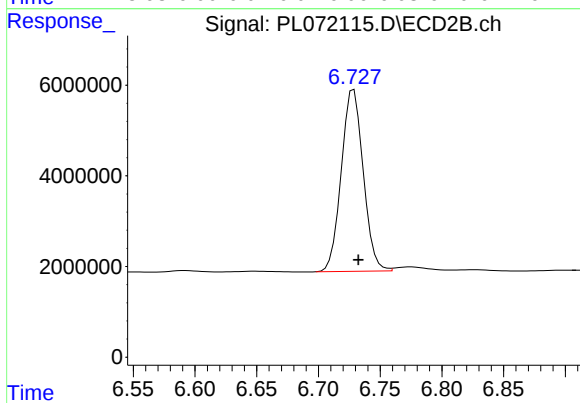
#5 Aldrin

R.T.: 7.485 min
Delta R.T.: -0.005 min
Response: 113369042
Conc: 51.27 ng/ml



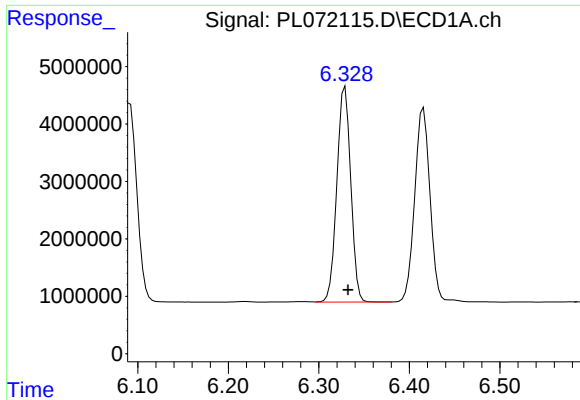
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 15825405
Conc: 47.87 ng/ml



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 49595000
Conc: 50.09 ng/ml



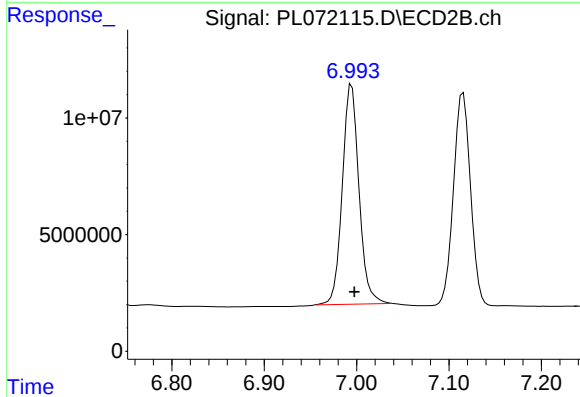
#7 delta-BHC

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 39858749
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

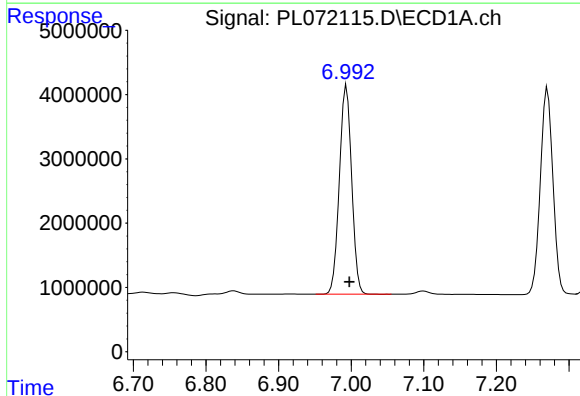
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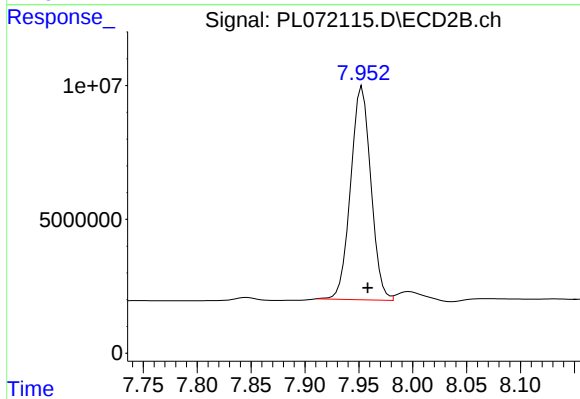
#7 delta-BHC

R.T.: 6.995 min
Delta R.T.: -0.003 min
Response: 118351787
Conc: 48.10 ng/ml



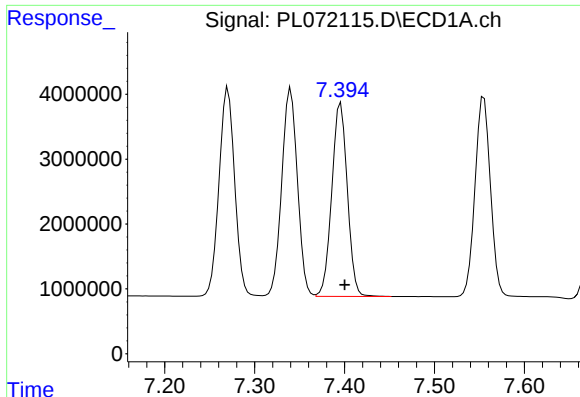
#8 Heptachlor epoxide

R.T.: 6.994 min
Delta R.T.: -0.004 min
Response: 38064870
Conc: 50.00 ng/ml



#8 Heptachlor epoxide

R.T.: 7.953 min
Delta R.T.: -0.005 min
Response: 104256443
Conc: 52.07 ng/ml



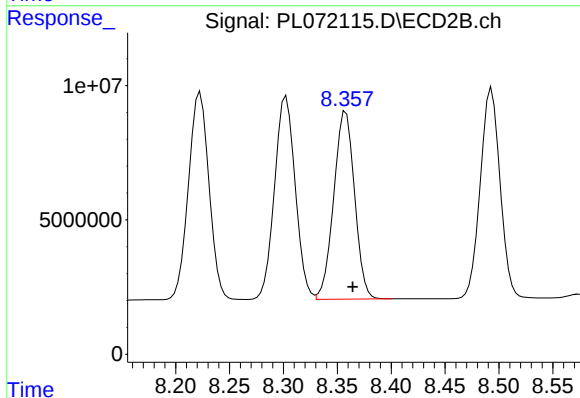
#9 Endosulfan I

R.T.: 7.396 min
Delta R.T.: -0.004 min
Response: 35874214
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

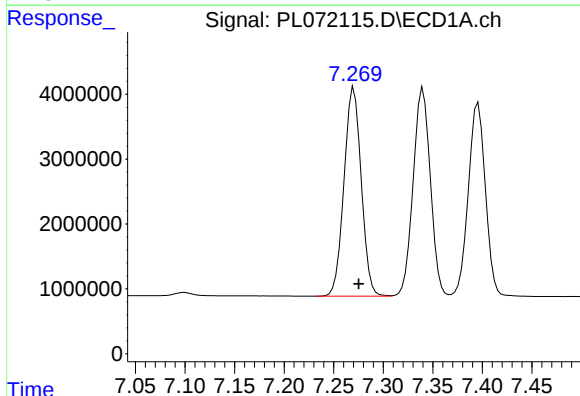
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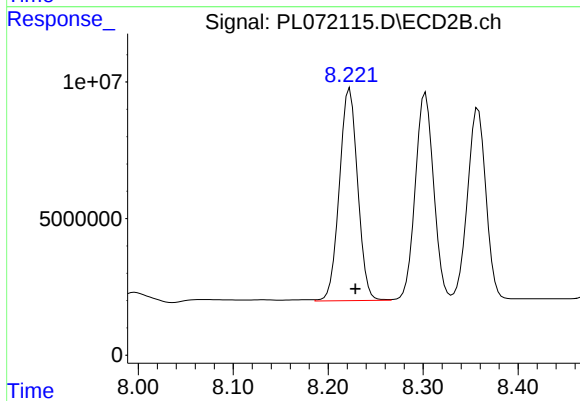
#9 Endosulfan I

R.T.: 8.358 min
Delta R.T.: -0.006 min
Response: 93932223
Conc: 51.89 ng/ml



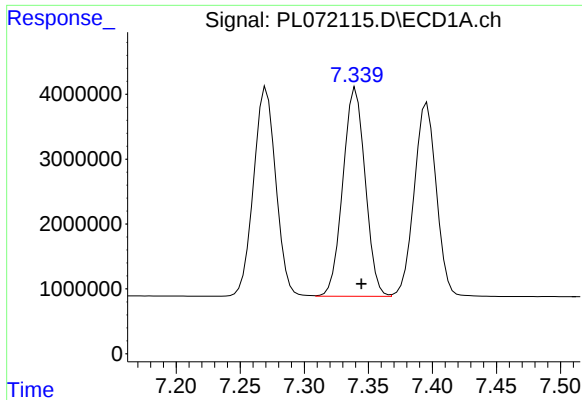
#10 gamma-Chlordane

R.T.: 7.271 min
Delta R.T.: -0.005 min
Response: 38933528
Conc: 49.55 ng/ml



#10 gamma-Chlordane

R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 104179013
Conc: 51.55 ng/ml



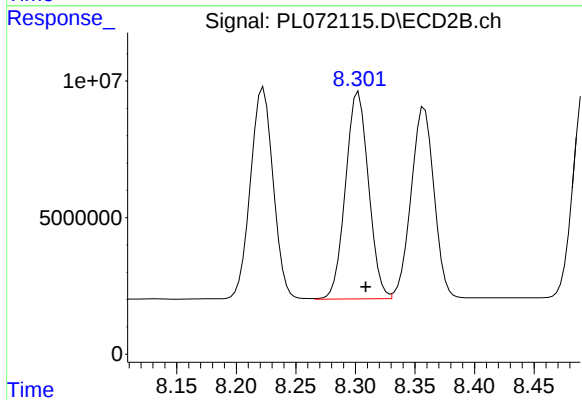
#11 alpha-Chlordane

R.T.: 7.340 min
Delta R.T.: -0.004 min
Response: 38930280
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

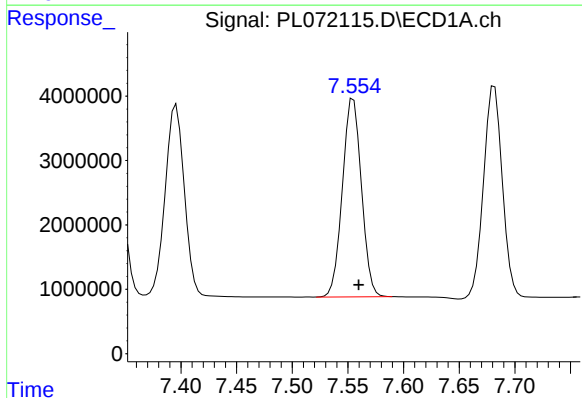
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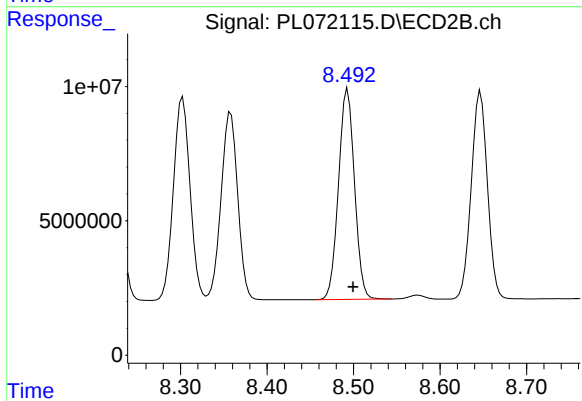
#11 alpha-Chlordane

R.T.: 8.303 min
Delta R.T.: -0.006 min
Response: 101922393
Conc: 51.40 ng/ml



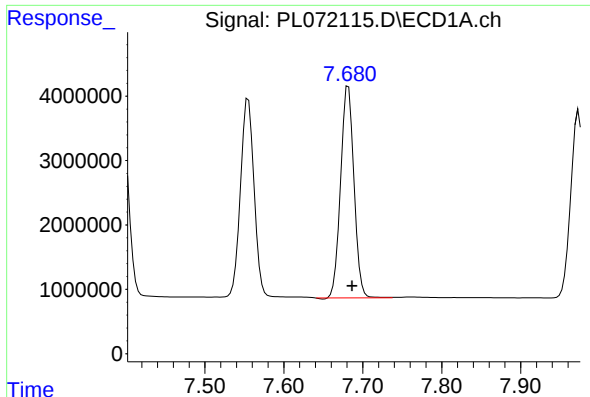
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 36664118
Conc: 50.78 ng/ml



#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.006 min
Response: 99987180
Conc: 52.87 ng/ml



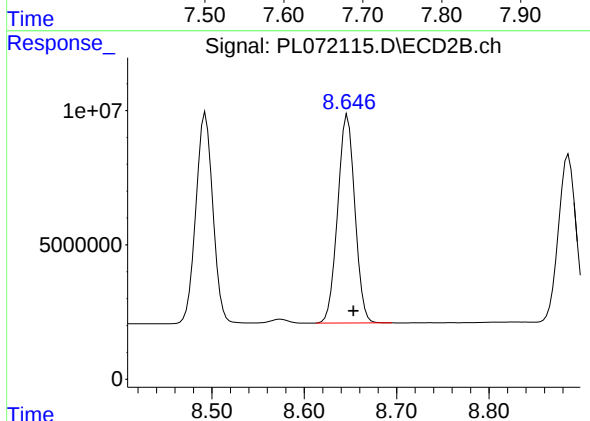
#13 Dieldrin

R.T.: 7.682 min
Delta R.T.: -0.005 min
Response: 38637353
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

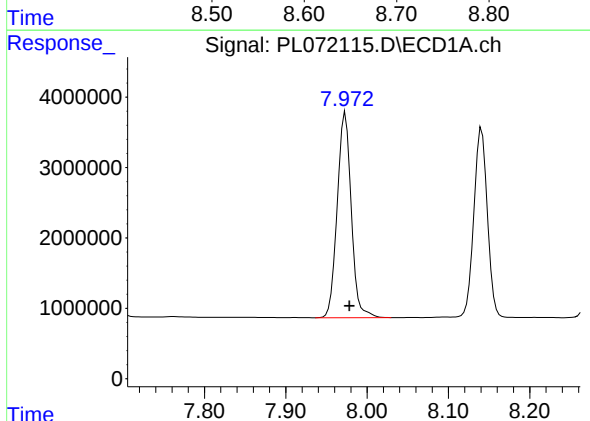
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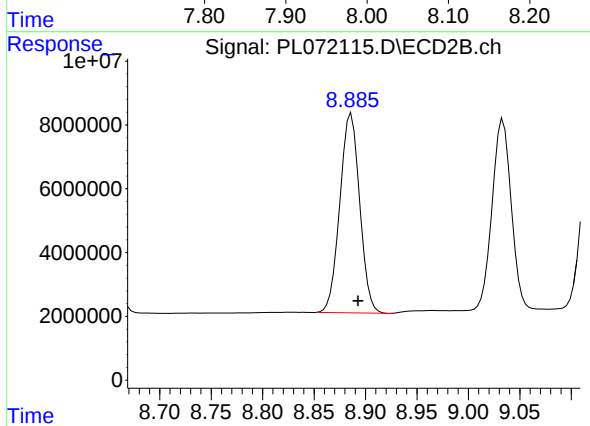
#13 Dieldrin

R.T.: 8.647 min
Delta R.T.: -0.006 min
Response: 100363109
Conc: 51.09 ng/ml



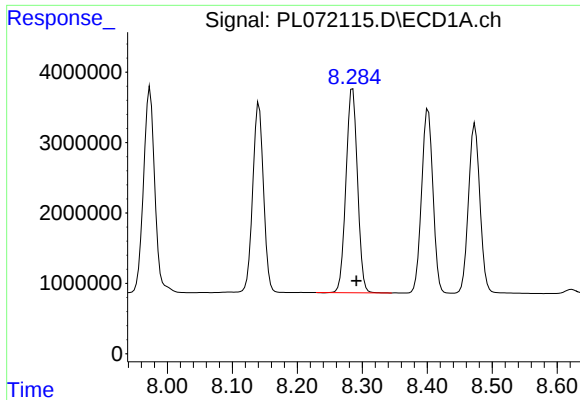
#14 Endrin

R.T.: 7.973 min
Delta R.T.: -0.005 min
Response: 34987970
Conc: 49.94 ng/ml



#14 Endrin

R.T.: 8.886 min
Delta R.T.: -0.007 min
Response: 83820174
Conc: 50.55 ng/ml



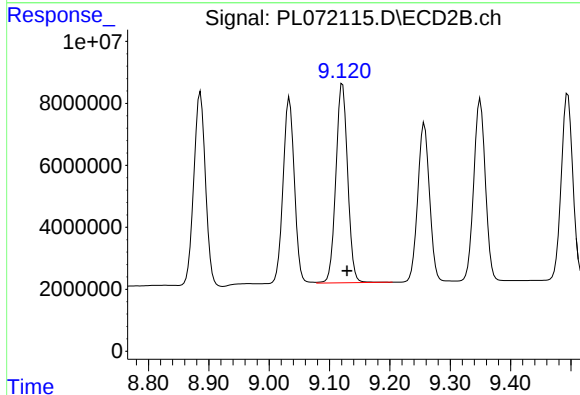
#15 Endosulfan II

R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 35742627
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

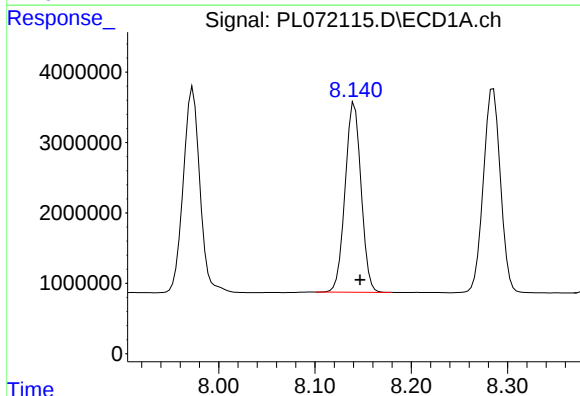
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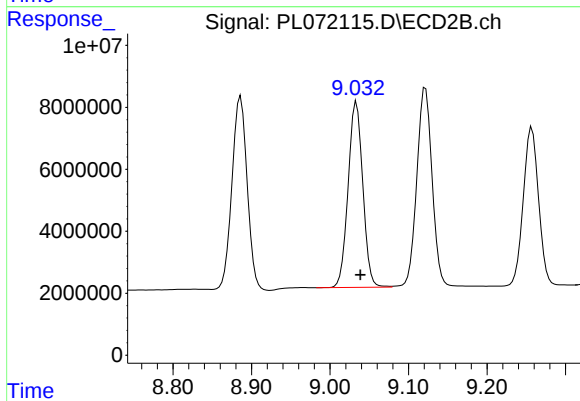
#15 Endosulfan II

R.T.: 9.122 min
Delta R.T.: -0.008 min
Response: 87232610
Conc: 50.87 ng/ml



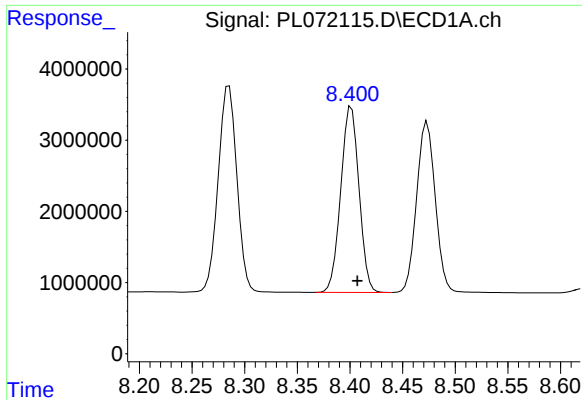
#16 4,4'-DDD

R.T.: 8.141 min
Delta R.T.: -0.006 min
Response: 30870927
Conc: 52.66 ng/ml



#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.005 min
Response: 78038491
Conc: 54.58 ng/ml



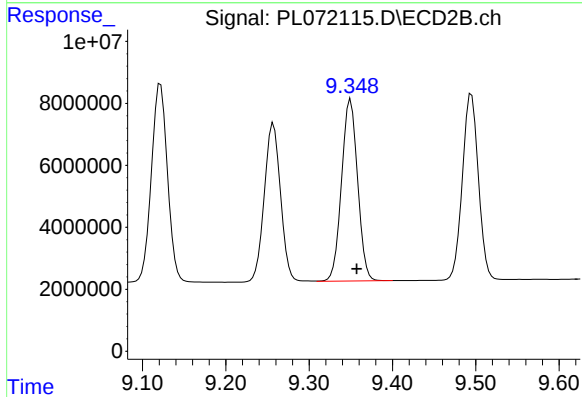
#17 4,4'-DDT

R.T.: 8.401 min
Delta R.T.: -0.006 min
Response: 31620222
Conc: 47.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

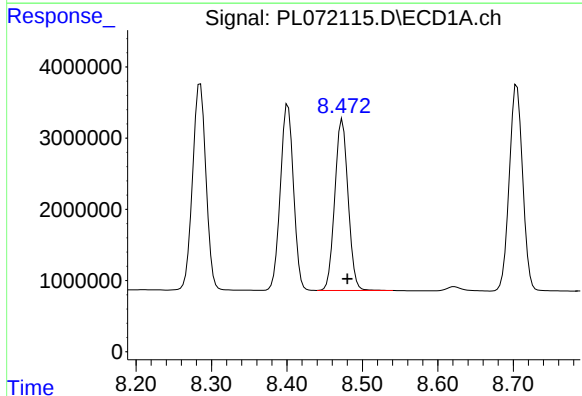
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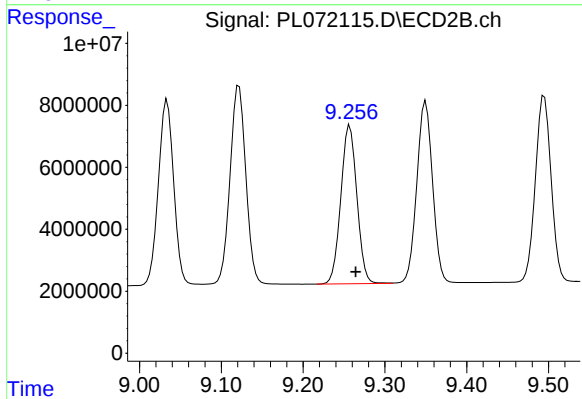
#17 4,4'-DDT

R.T.: 9.350 min
Delta R.T.: -0.007 min
Response: 78611743
Conc: 49.74 ng/ml



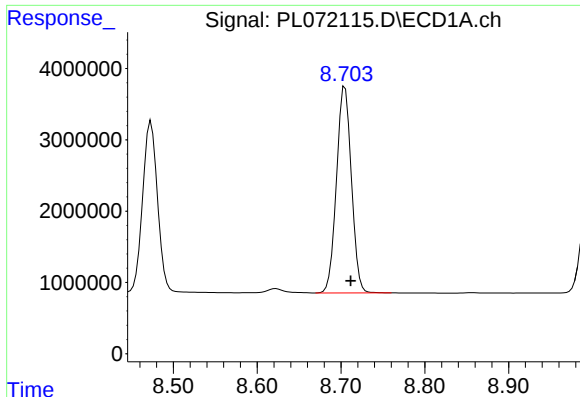
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.007 min
Response: 29533463
Conc: 51.84 ng/ml



#18 Endrin aldehyde

R.T.: 9.257 min
Delta R.T.: -0.007 min
Response: 69476177
Conc: 55.97 ng/ml



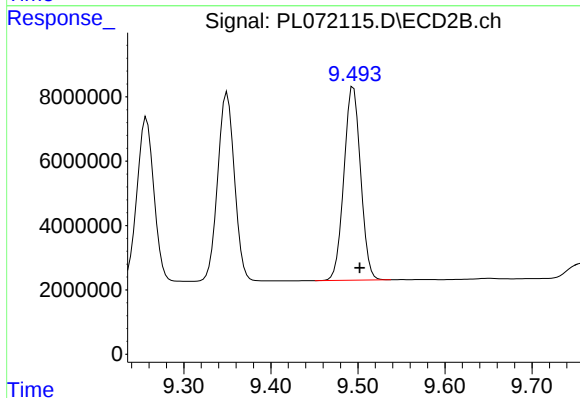
#19 Endosulfan Sulfate

R.T.: 8.705 min
Delta R.T.: -0.007 min
Response: 35733805
Conc: 48.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

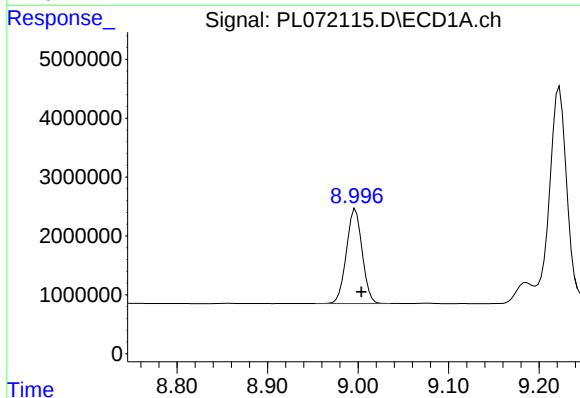
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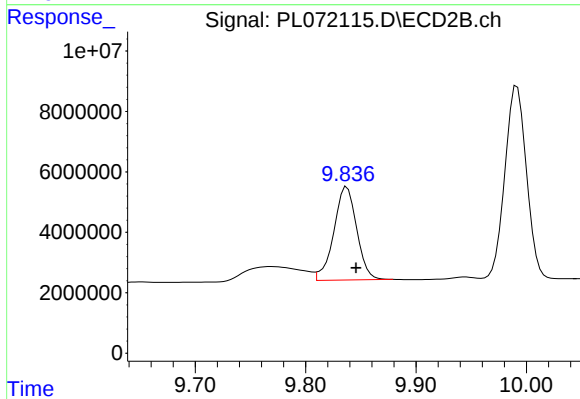
#19 Endosulfan Sulfate

R.T.: 9.495 min
Delta R.T.: -0.007 min
Response: 80057070
Conc: 51.28 ng/ml



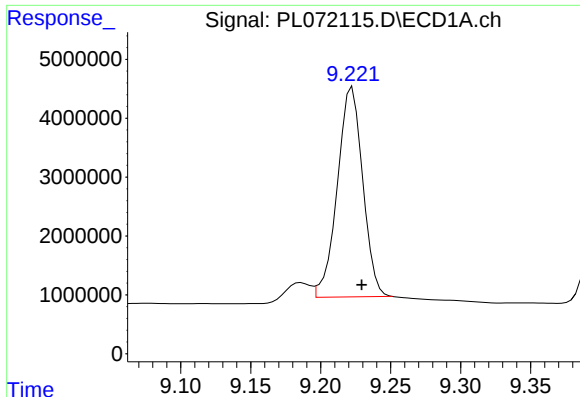
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: -0.007 min
Response: 19461695
Conc: 46.13 ng/ml



#20 Methoxychlor

R.T.: 9.836 min
Delta R.T.: -0.010 min
Response: 44220897
Conc: 53.38 ng/ml m



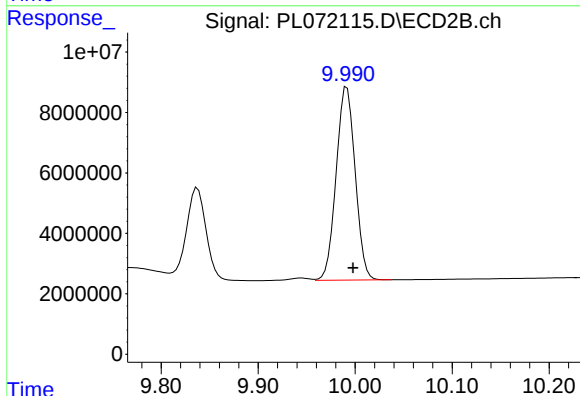
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.008 min
Response: 44809075
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

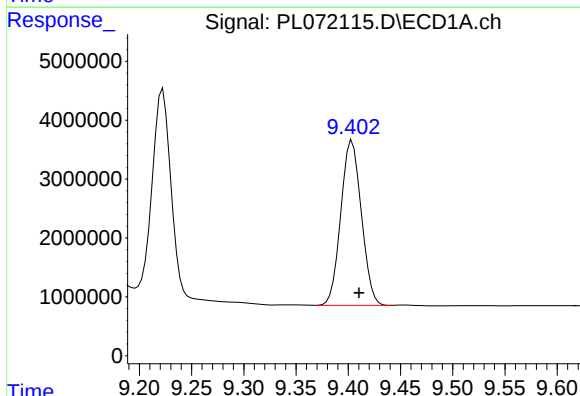
Manual Integrations
APPROVED

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



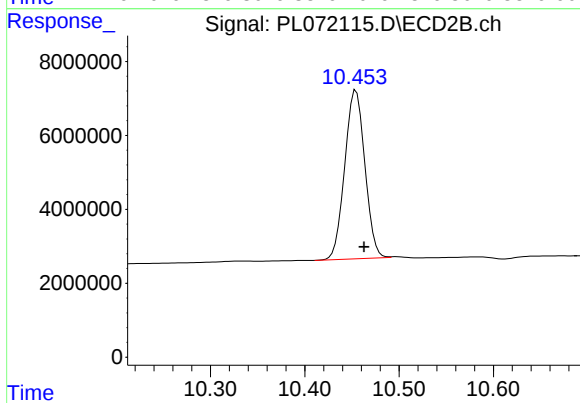
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: -0.006 min
Response: 86707642
Conc: 52.39 ng/ml



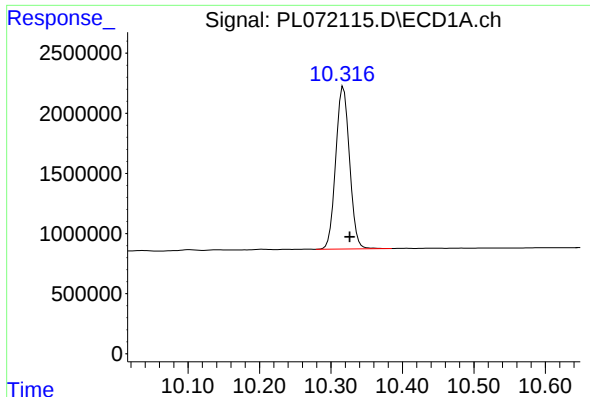
#22 Mirex

R.T.: 9.404 min
Delta R.T.: -0.007 min
Response: 38271586
Conc: 51.82 ng/ml



#22 Mirex

R.T.: 10.454 min
Delta R.T.: -0.008 min
Response: 67622614
Conc: 54.19 ng/ml



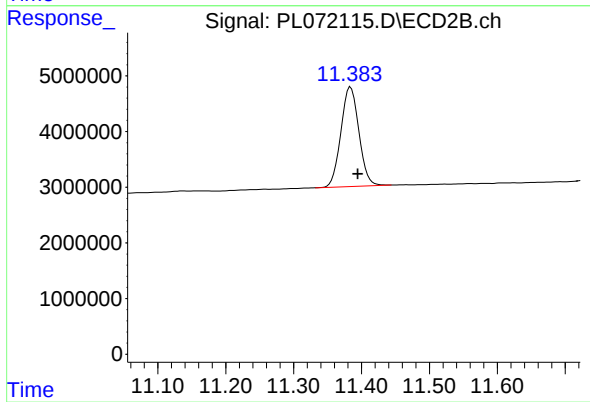
#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: -0.009 min
Response: 18135358
Conc: 20.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC 03

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#28 Decachlorobiphenyl

R.T.: 11.384 min
Delta R.T.: -0.011 min
Response: 32940638
Conc: 20.42 ng/ml