

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 11:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 18:16:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.648	5.486	17214556	95753736	53.278	53.705
28)	SA Decachlor...	10.417	11.334	24450479	83237766	47.017	47.125
Target Compounds							
2)	A alpha-BHC	5.356	6.050	21980585	136.2E6	52.377	54.090
3)	MA gamma-BHC...	5.779	6.440	21488515	127.3E6	51.237	53.765
4)	MA Heptachlor	6.189	7.100	22403750	132.1E6	49.735	50.638
5)	MB Aldrin	6.515	7.468	21496982	129.0E6	51.794	54.914
6)	B beta-BHC	6.159	6.677	10532768	56170422	51.548	49.840
7)	B delta-BHC	6.420	6.945	21378268	125.4E6	51.679	51.328
8)	B Heptachlo...	7.090	7.924	21482578	115.6E6	50.083	51.344
9)	A Endosulfan I	7.493	8.325	20252103	103.6E6	49.381	52.625
10)	B gamma-Chl...	7.368	8.193	21721870	114.8E6	49.527	51.480
11)	B alpha-Chl...	7.438	8.276	21982667	112.9E6	49.760	52.447
12)	B 4,4'-DDE	7.651	8.461	18745442	106.3E6	51.383	53.396
13)	MA Dieldrin	7.779	8.611	21806597	108.3E6	50.764	53.990
14)	MA Endrin	8.070	8.846	20698315	91481519	50.952	54.014
15)	B Endosulfa...	8.380	9.070	20820397	89317693	50.515	51.414
16)	A 4,4'-DDD	8.237	8.988	17020857	84199784	52.708	54.725
17)	MA 4,4'-DDT	8.497	9.307	17220723	79164275	46.588	44.658
18)	B Endrin al...	8.569	9.201	17163480	70225022	53.047	54.370m
19)	B Endosulfa...	8.800	9.440	21072442	83313083	49.347	50.058
20)	A Methoxychlor	9.092	9.788	11626906	42770245	46.832	44.467
21)	B Endrin ke...	9.319	9.929	24280755	81907138	49.699	47.319
22)	Mirex	9.506	10.406	22342572	65126934	47.904	47.282

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 11:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

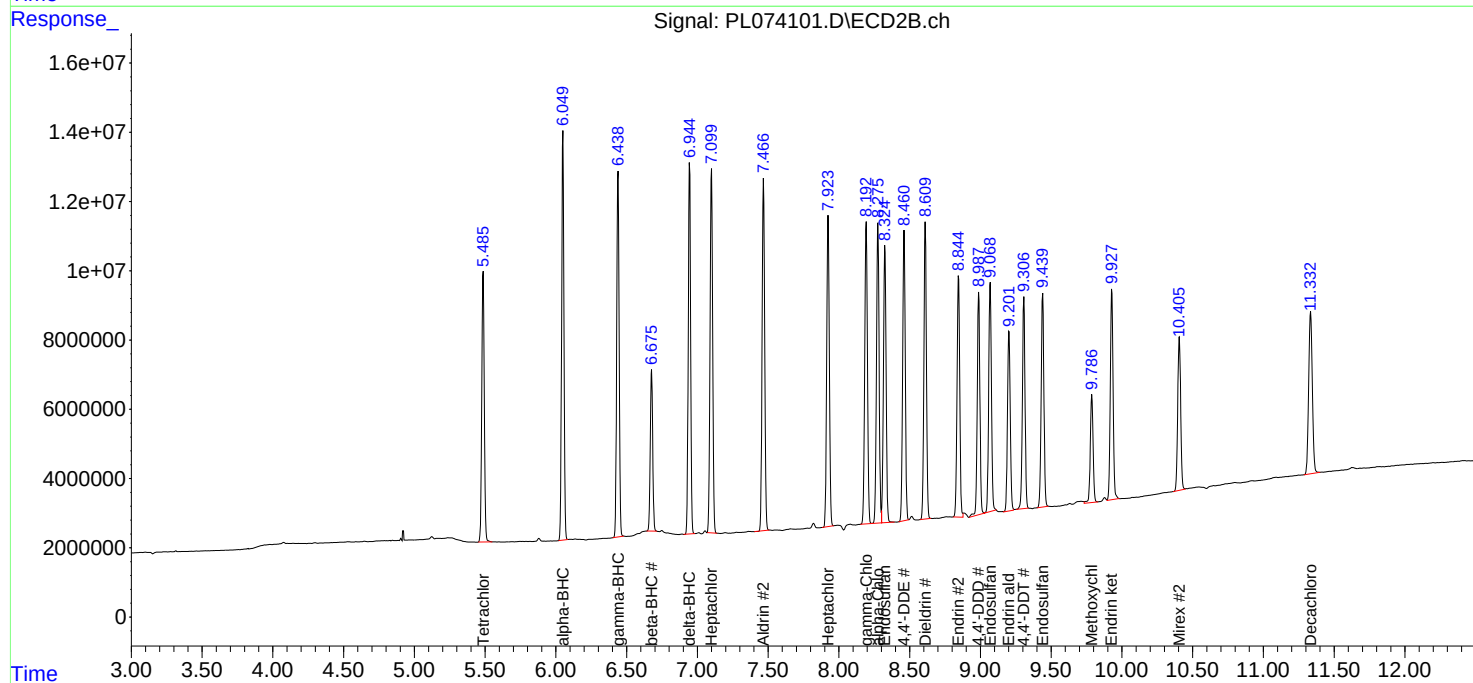
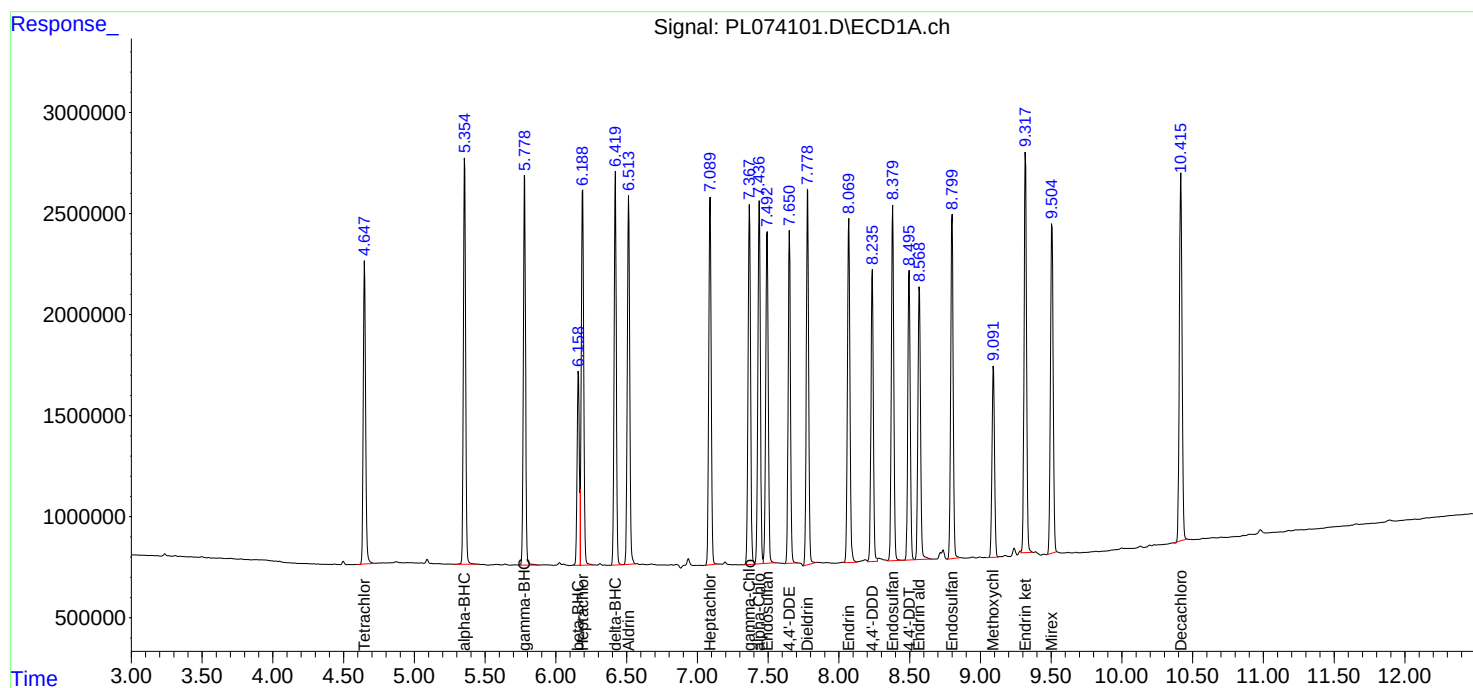
APPROVED

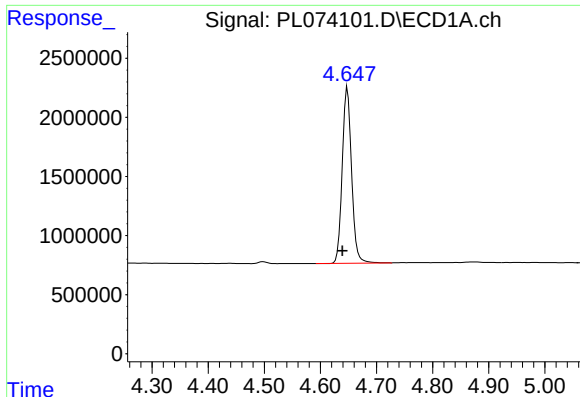
Reviewed By :Abdul Mirza 04/18/2022

Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 18:16:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 Response via : Initial Calibration
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





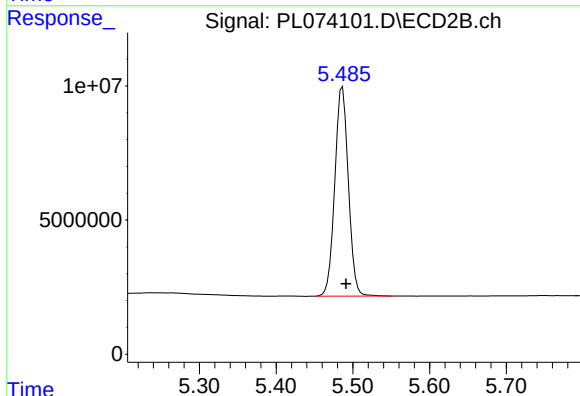
#1 Tetrachloro-m-xylene

R.T.: 4.648 min
Delta R.T.: 0.009 min
Response: 17214556
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

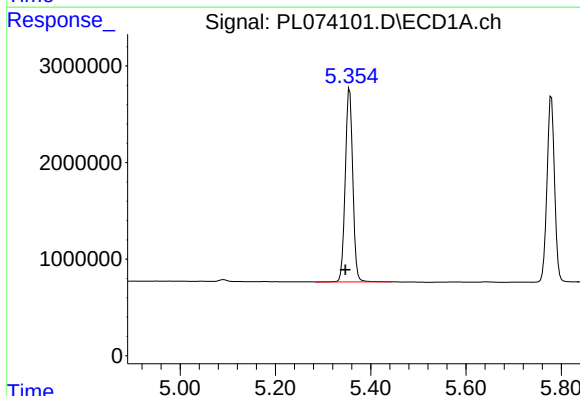
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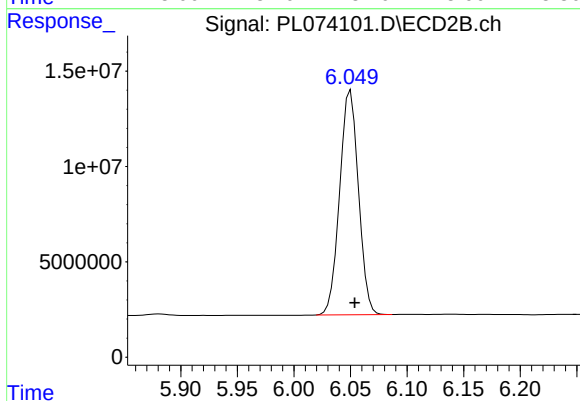
#1 Tetrachloro-m-xylene

R.T.: 5.486 min
Delta R.T.: -0.005 min
Response: 95753736
Conc: 53.70 ng/ml



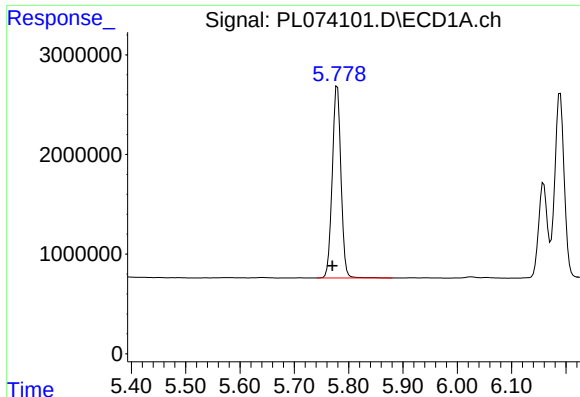
#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: 0.009 min
Response: 21980585
Conc: 52.38 ng/ml



#2 alpha-BHC

R.T.: 6.050 min
Delta R.T.: -0.004 min
Response: 136204688
Conc: 54.09 ng/ml



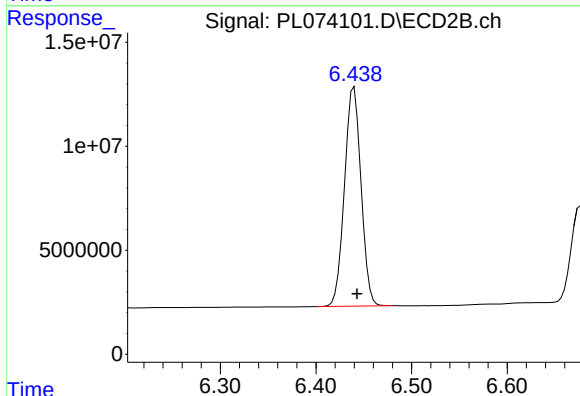
#3 gamma-BHC (Lindane)

R.T.: 5.779 min
Delta R.T.: 0.009 min
Response: 21488515
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

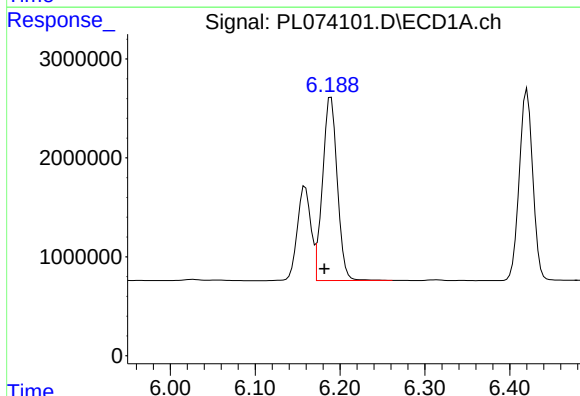
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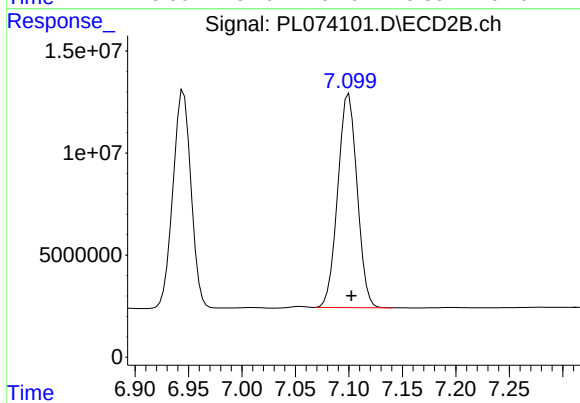
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 127267959
Conc: 53.76 ng/ml



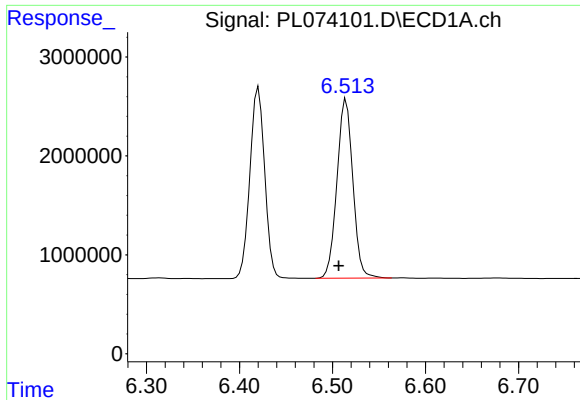
#4 Heptachlor

R.T.: 6.189 min
Delta R.T.: 0.008 min
Response: 22403750
Conc: 49.74 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 132085502
Conc: 50.64 ng/ml



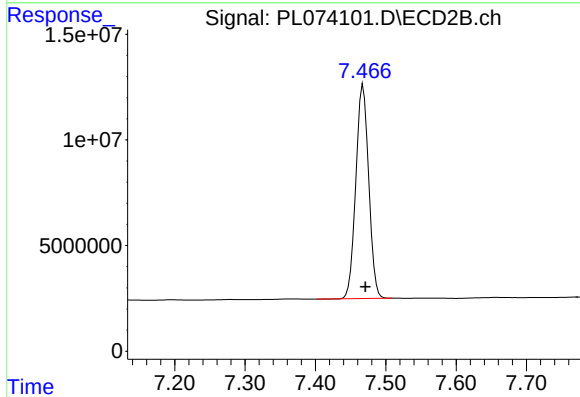
#5 Aldrin

R.T.: 6.515 min
Delta R.T.: 0.008 min
Response: 21496982
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

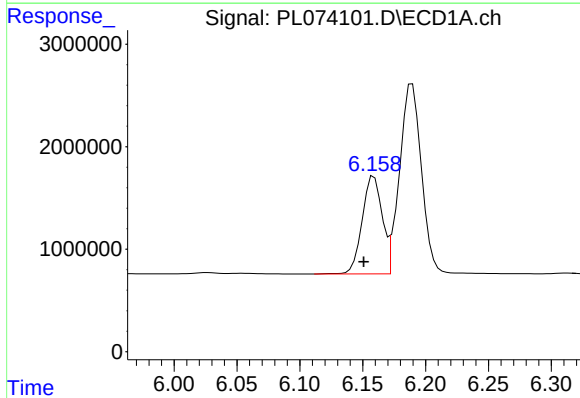
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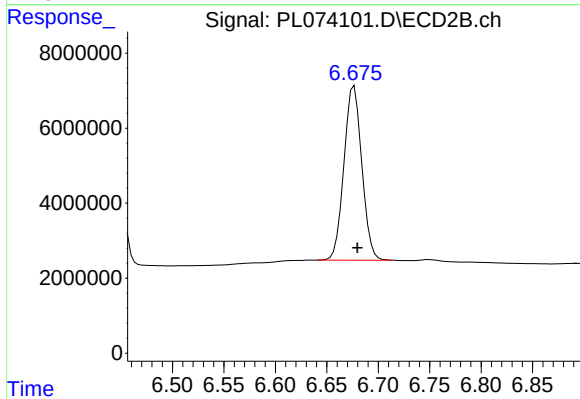
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 128970762
Conc: 54.91 ng/ml



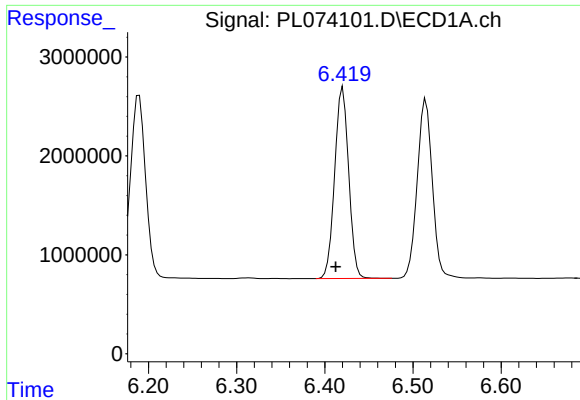
#6 beta-BHC

R.T.: 6.159 min
Delta R.T.: 0.008 min
Response: 10532768
Conc: 51.55 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 56170422
Conc: 49.84 ng/ml



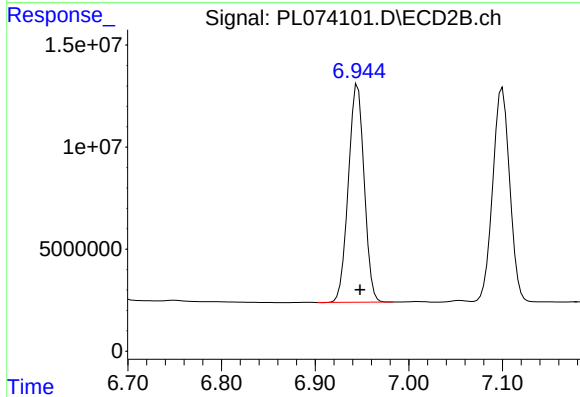
#7 delta-BHC

R.T.: 6.420 min
Delta R.T.: 0.008 min
Response: 21378268
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

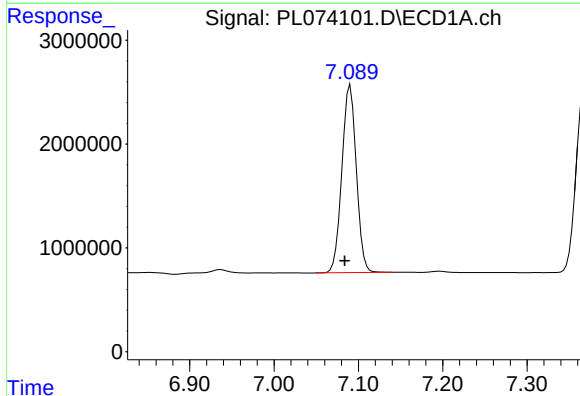
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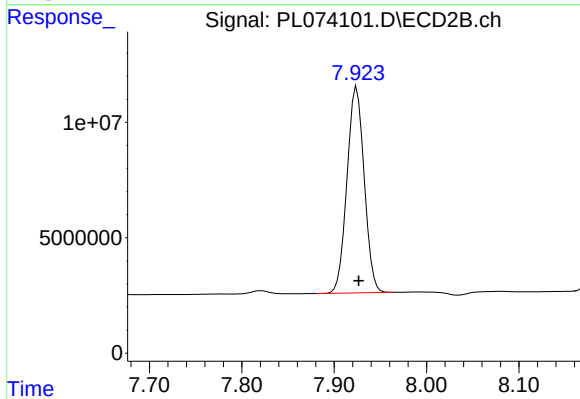
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 125357654
Conc: 51.33 ng/ml



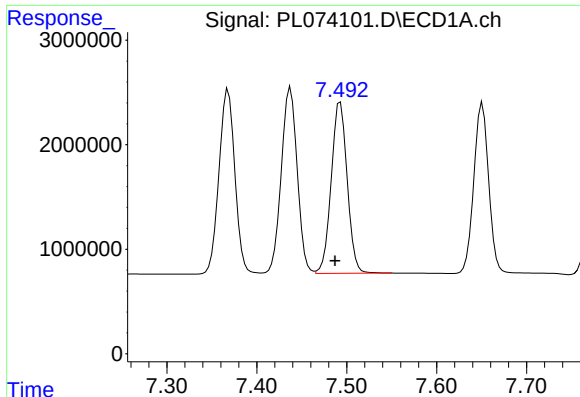
#8 Heptachlor epoxide

R.T.: 7.090 min
Delta R.T.: 0.007 min
Response: 21482578
Conc: 50.08 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 115603360
Conc: 51.34 ng/ml



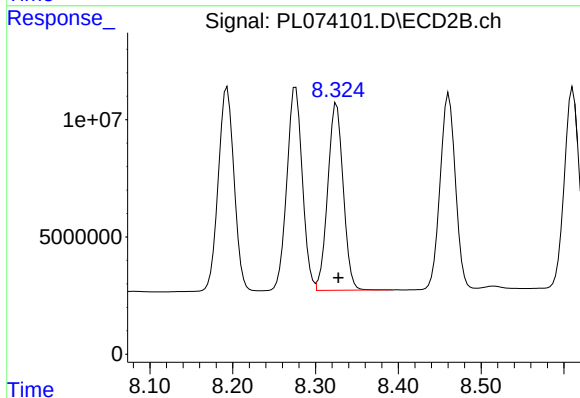
#9 Endosulfan I

R.T.: 7.493 min
Delta R.T.: 0.006 min
Response: 20252103
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

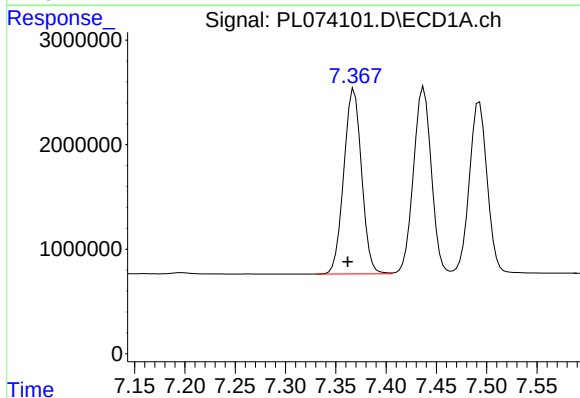
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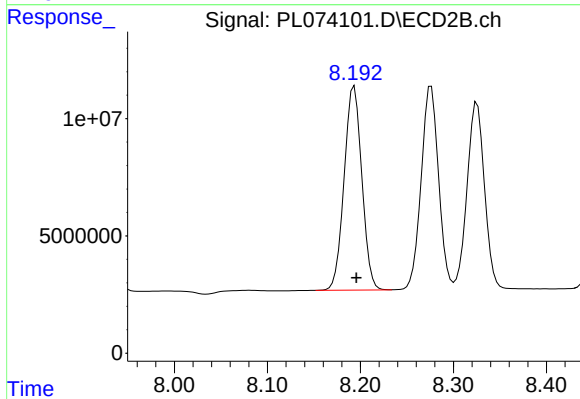
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 103600407
Conc: 52.62 ng/ml



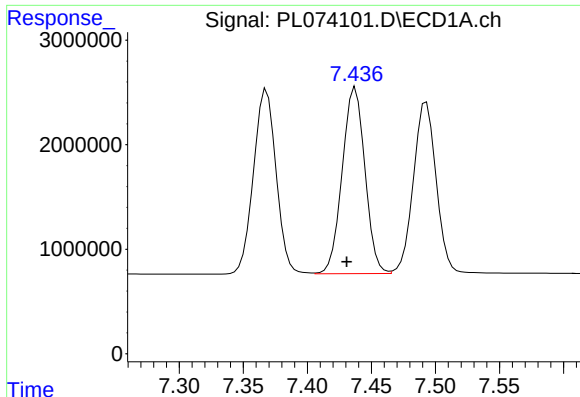
#10 gamma-Chlordane

R.T.: 7.368 min
Delta R.T.: 0.006 min
Response: 21721870
Conc: 49.53 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 114818312
Conc: 51.48 ng/ml



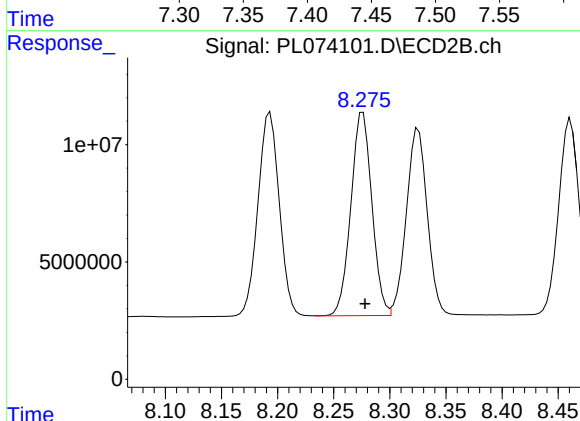
#11 alpha-Chlordane

R.T.: 7.438 min
Delta R.T.: 0.007 min
Response: 21982667
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

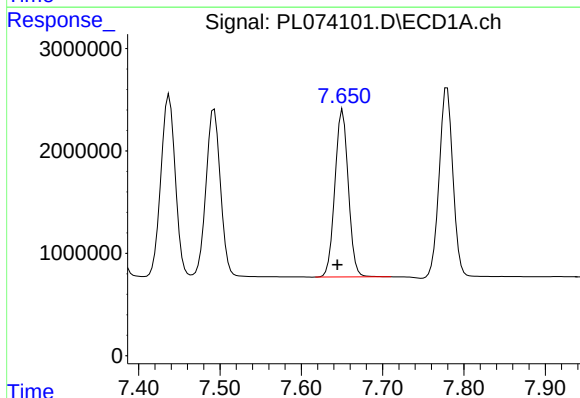
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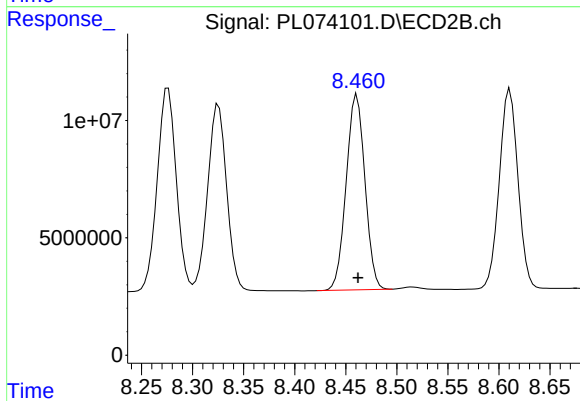
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 112896931
Conc: 52.45 ng/ml



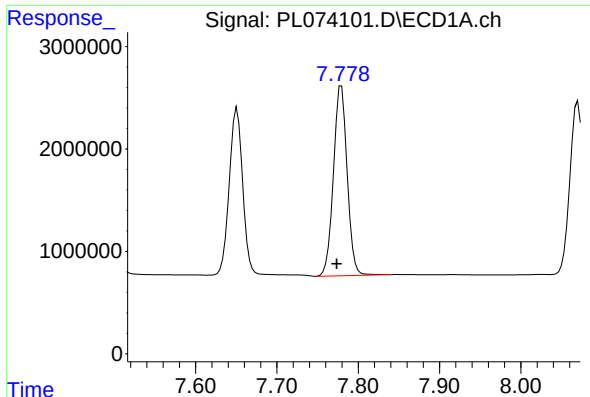
#12 4,4'-DDE

R.T.: 7.651 min
Delta R.T.: 0.006 min
Response: 18745442
Conc: 51.38 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 106348110
Conc: 53.40 ng/ml



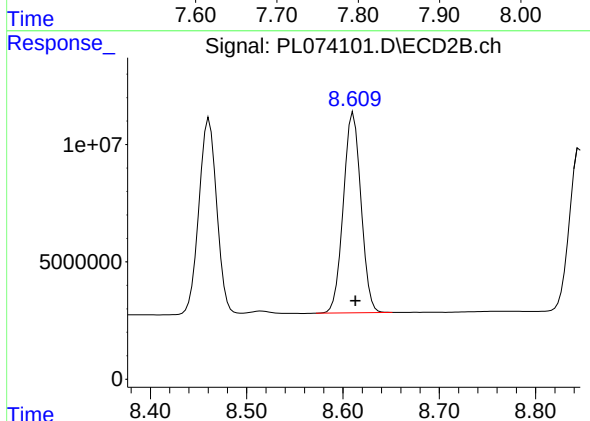
#13 Dieldrin

R.T.: 7.779 min
Delta R.T.: 0.006 min
Response: 21806597
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

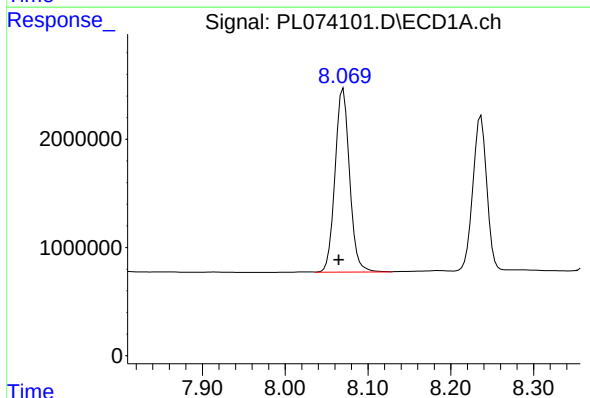
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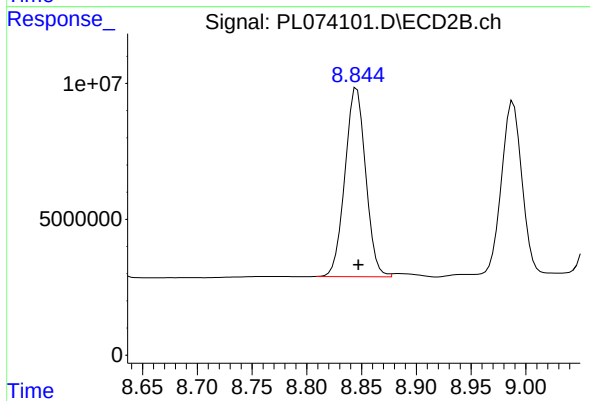
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 108265326
Conc: 53.99 ng/ml



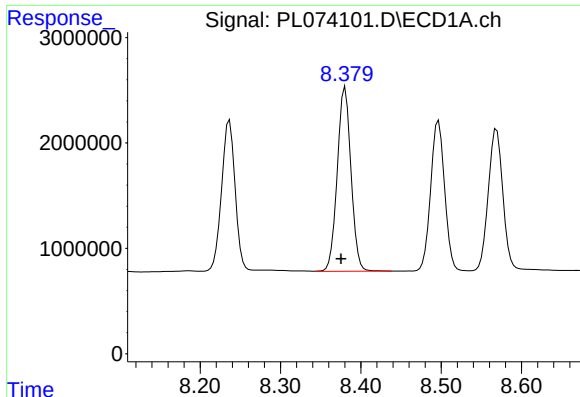
#14 Endrin

R.T.: 8.070 min
Delta R.T.: 0.005 min
Response: 20698315
Conc: 50.95 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 91481519
Conc: 54.01 ng/ml



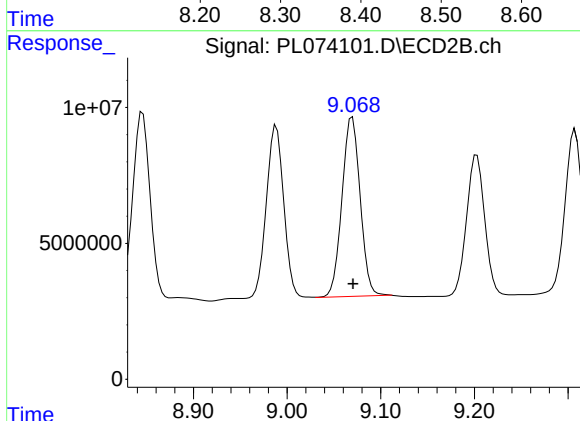
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: 0.005 min
Response: 20820397
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

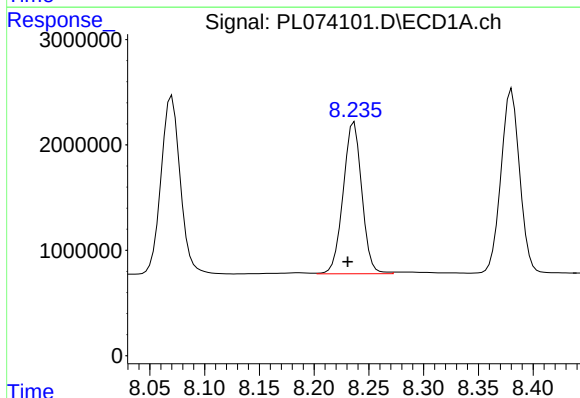
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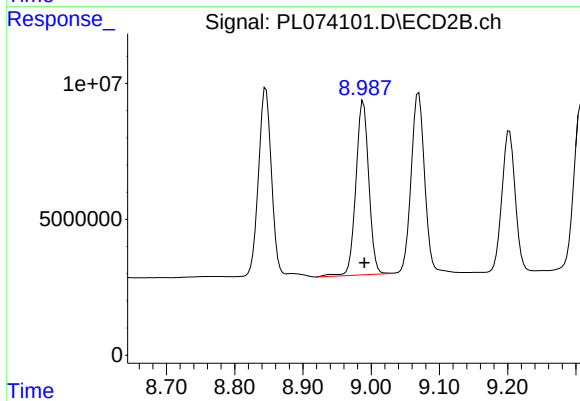
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 89317693
Conc: 51.41 ng/ml



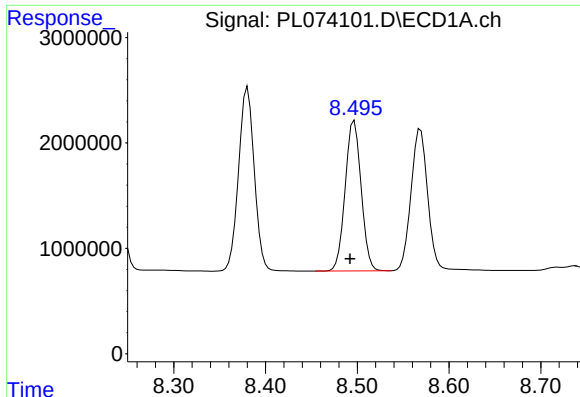
#16 4,4'-DDD

R.T.: 8.237 min
Delta R.T.: 0.006 min
Response: 17020857
Conc: 52.71 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 84199784
Conc: 54.72 ng/ml



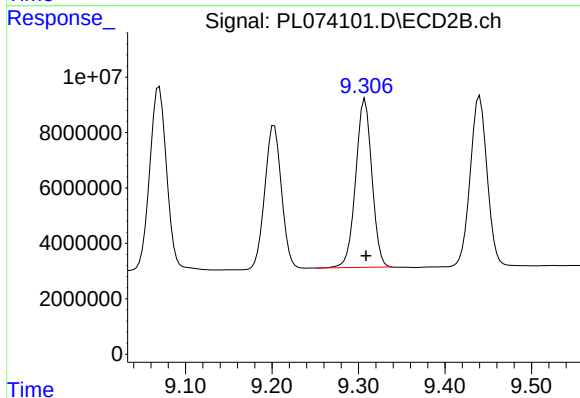
#17 4,4'-DDT

R.T.: 8.497 min
Delta R.T.: 0.005 min
Response: 17220723
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

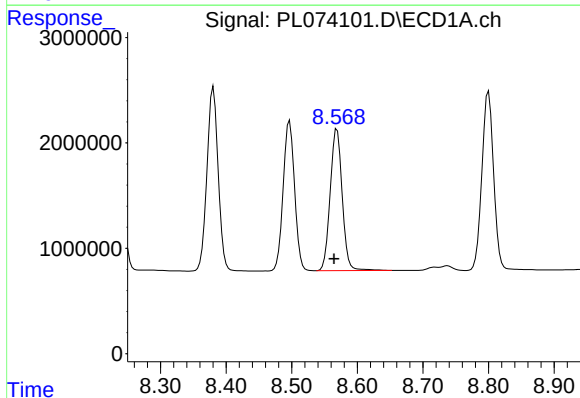
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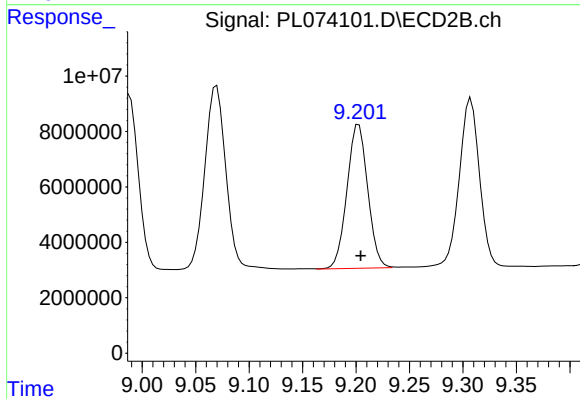
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.001 min
Response: 79164275
Conc: 44.66 ng/ml



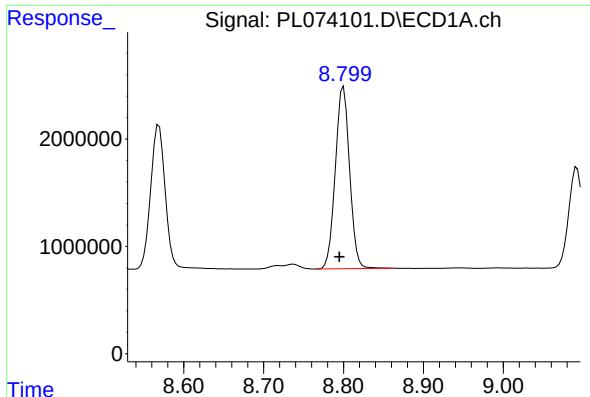
#18 Endrin aldehyde

R.T.: 8.569 min
Delta R.T.: 0.005 min
Response: 17163480
Conc: 53.05 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 70225022
Conc: 54.37 ng/ml m



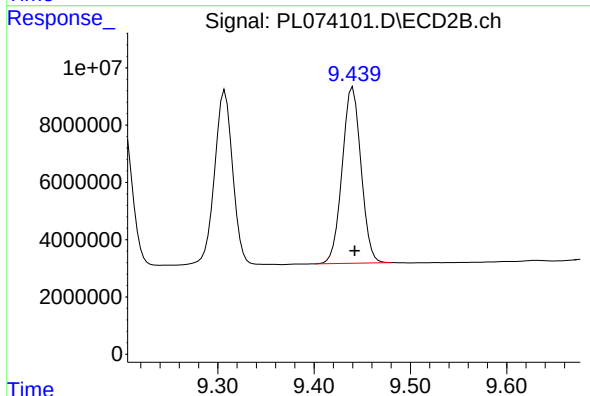
#19 Endosulfan Sulfate

R.T.: 8.800 min
Delta R.T.: 0.005 min
Response: 21072442
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

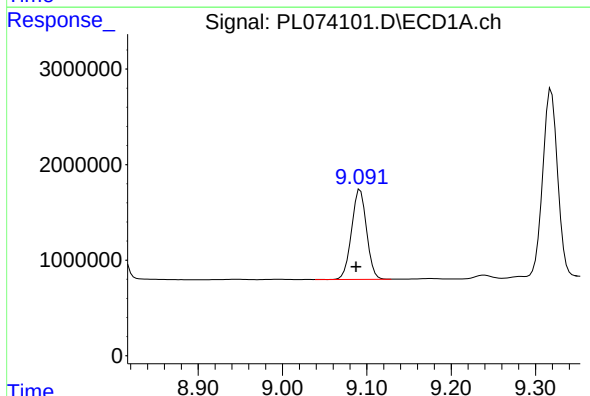
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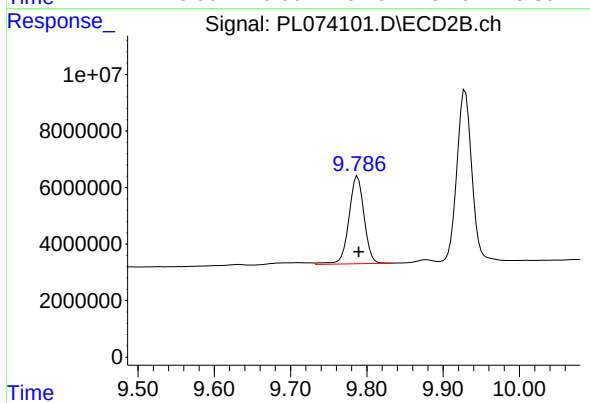
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 83313083
Conc: 50.06 ng/ml



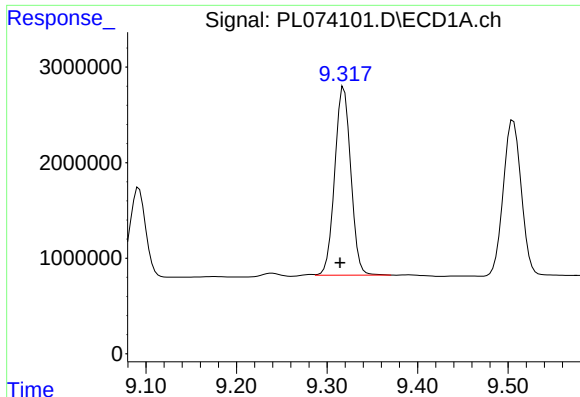
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: 0.005 min
Response: 11626906
Conc: 46.83 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 42770245
Conc: 44.47 ng/ml



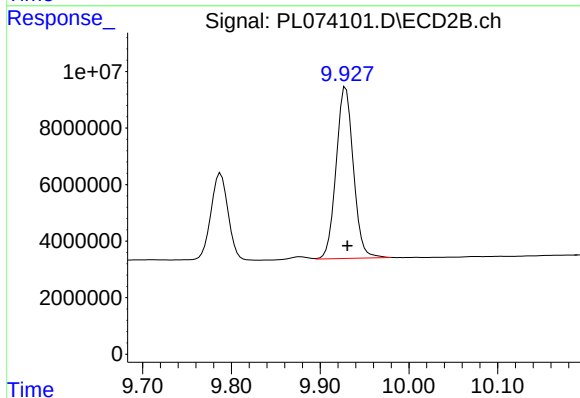
#21 Endrin ketone

R.T.: 9.319 min
Delta R.T.: 0.004 min
Response: 24280755
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

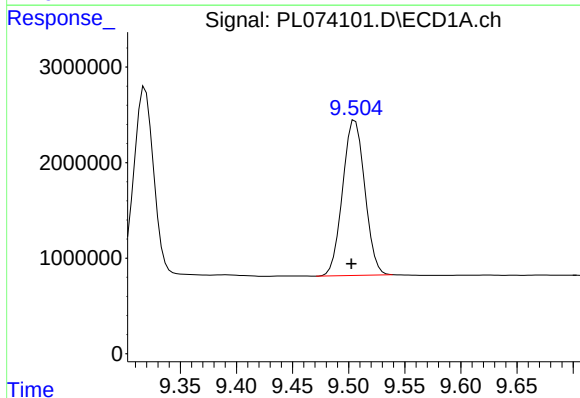
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Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



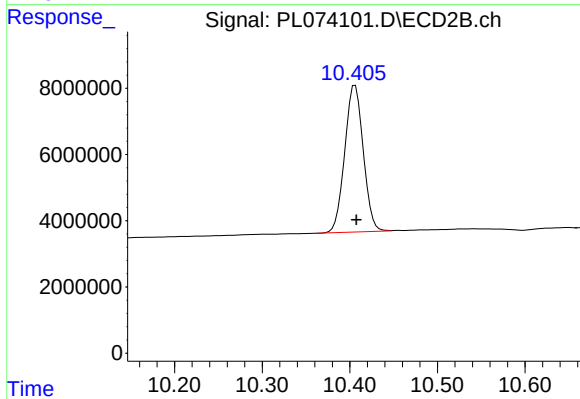
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 81907138
Conc: 47.32 ng/ml



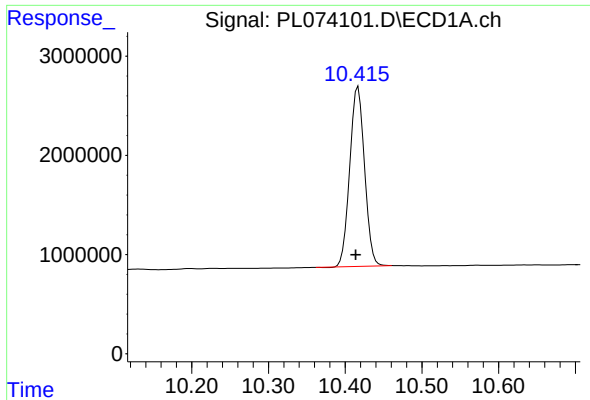
#22 Mirex

R.T.: 9.506 min
Delta R.T.: 0.003 min
Response: 22342572
Conc: 47.90 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.001 min
Response: 65126934
Conc: 47.28 ng/ml



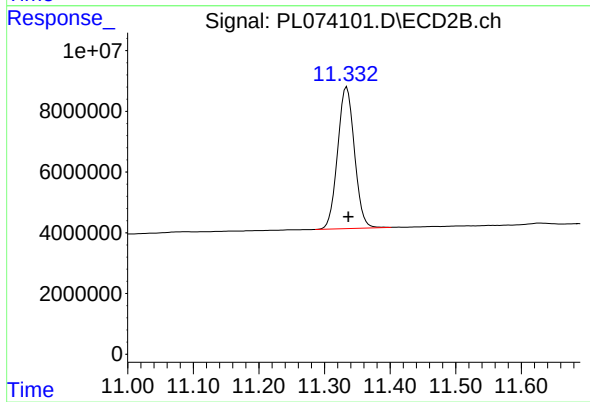
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: 0.003 min
Response: 24450479
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 83237766
Conc: 47.13 ng/ml