

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121721\
 Data File : PL071524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2021 19:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/20/2021
 Supervised By : mohammad ahmed 12/20/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 23:20:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 2021
 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...	4.561	5.497	20168104	53906117	42.549	45.249
28) SA Decachlor...	10.321	11.385	29555468	52039437	44.485	47.897
Target Compounds						
2) A alpha-BHC	5.267	6.077	28200797	79048451	44.343	45.967
3) MA gamma-BHC...	5.690	6.473	27972278	73903722	42.808	46.303
4) MA Heptachlor	6.096	7.119	31610859	75666397	45.758	47.403
5) MB Aldrin	6.420	7.489	27758659	68532895	45.079	46.922
6) B beta-BHC	6.074	6.732	13116088	35026762	45.932	43.759
7) B delta-BHC	6.332	6.997	28450839	72436646	45.490	47.408
8) B Heptachlo...	6.997	7.956	27598862	63852822	45.093	47.601
9) A Endosulfan I	7.399	8.361	26327095	58208505	45.348	48.498
10) B gamma-Chl...	7.274	8.226	28312581	62691036	45.613	48.484
11) B alpha-Chl...	7.344	8.306	28363317	61667803	45.475	48.536
12) B 4,4'-DDE	7.559	8.496	25204156	59210646	46.184	49.708
13) MA Dieldrin	7.685	8.650	26588707	58803817	45.404	48.366
14) MA Endrin	7.976	8.889	24575997	49021950	44.870	48.388
15) B Endosulfa...	8.288	9.125	24508266	48674045	44.967	48.234
16) A 4,4'-DDD	8.143	9.036	22003515	44574037	46.749m	50.497
17) MA 4,4'-DDT	8.404	9.352	23143568	48449760	45.349	48.996
18) B Endrin al...	8.477	9.259	18846728	36766634	44.319	48.810
19) B Endosulfa...	8.708	9.496	26019790	48151448	45.322	49.129
20) A Methoxychlor	9.000	9.839	14699497	24662728	45.383	49.132
21) B Endrin ke...	9.225	9.993	30299709	51762571	45.940	49.224
22) Mirex	9.408	10.456	26114053	39573072	45.011	49.168

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121721\
 Data File : PL071524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2021 19:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

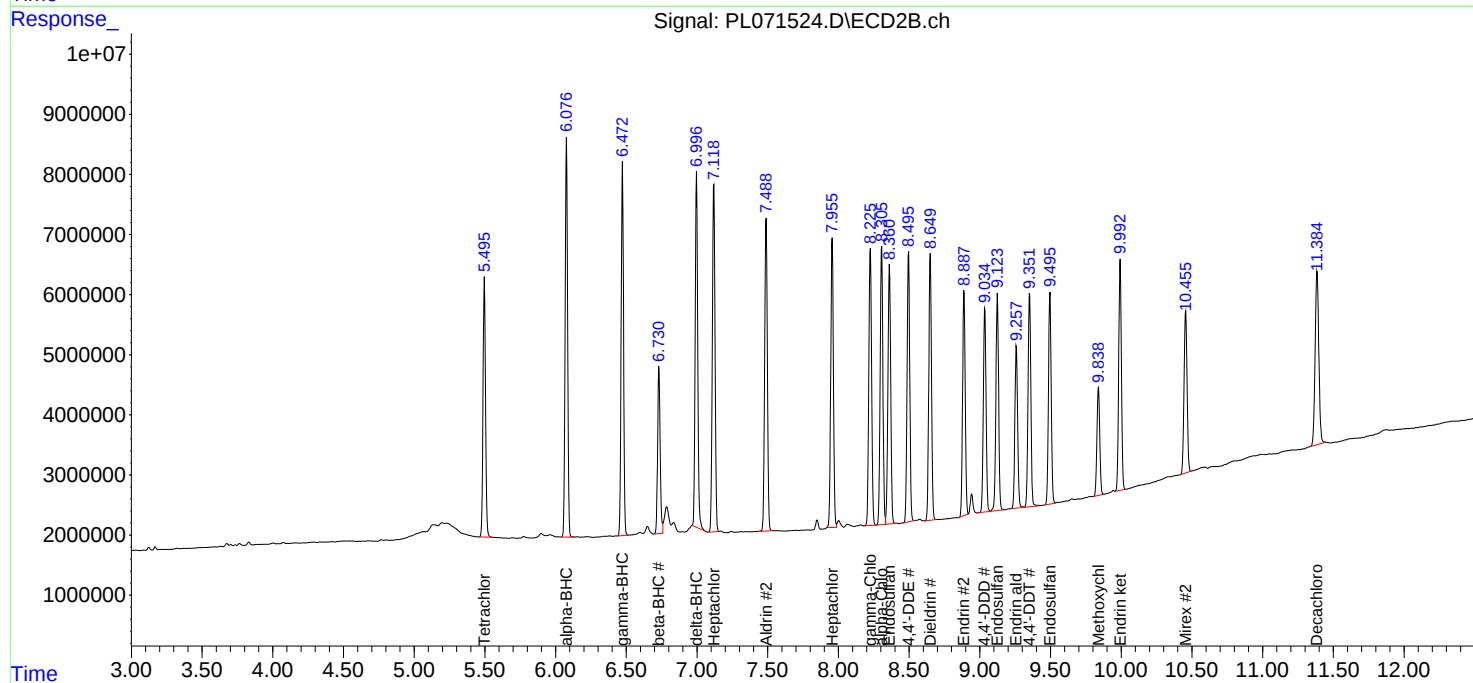
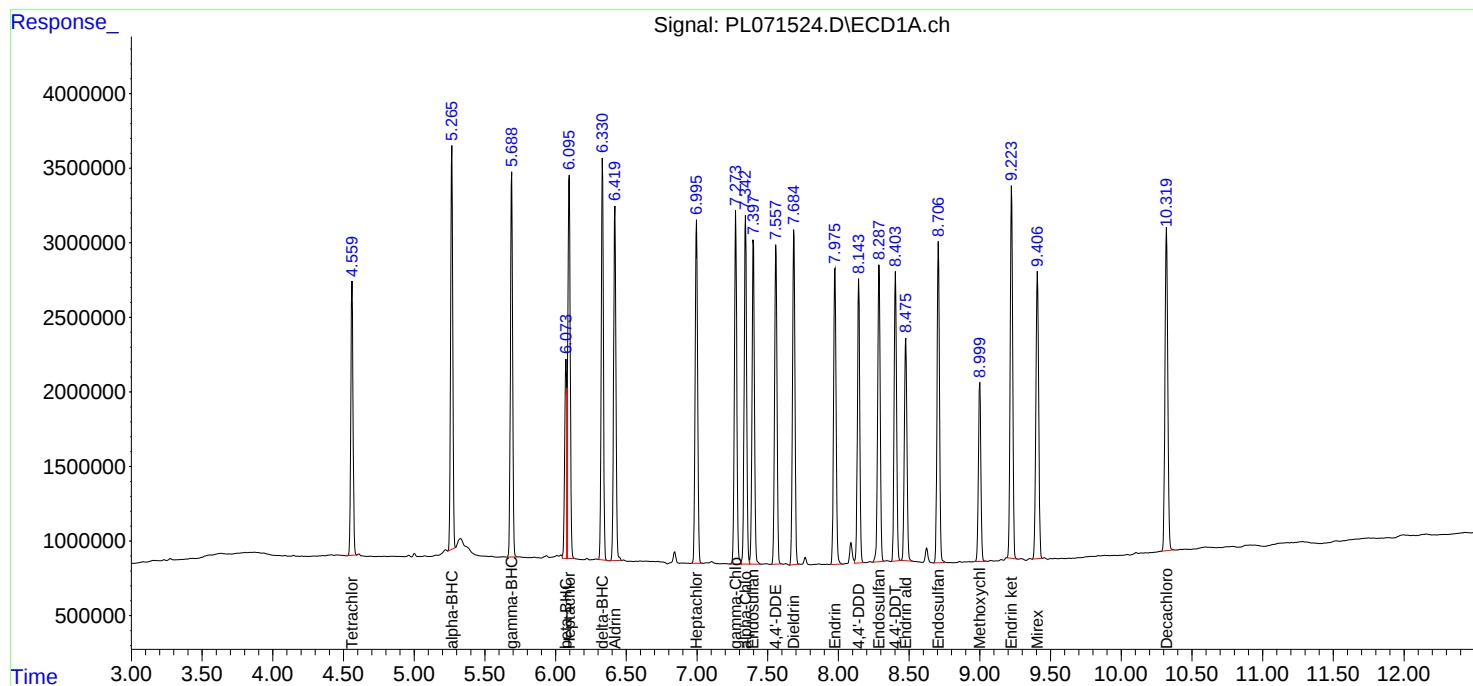
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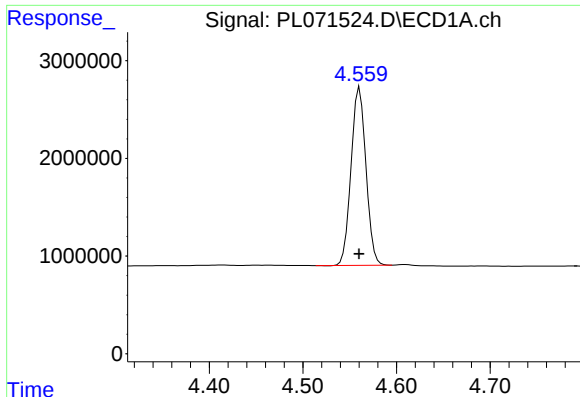
Reviewed By :Abdul Mirza 12/20/2021

Supervised By :mohammad ahmed 12/20/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 23:20:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
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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





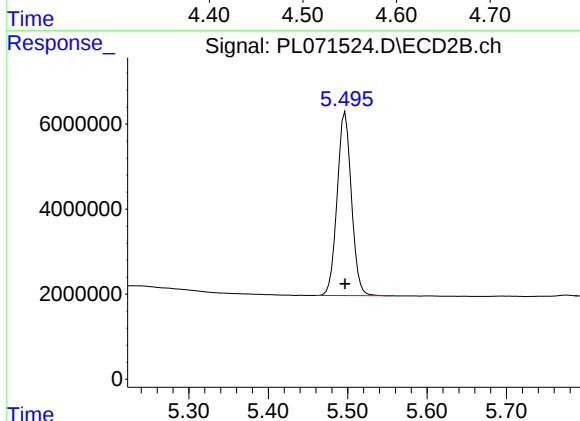
#1 Tetrachloro-m-xylene

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 20168104
Conc: 42.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

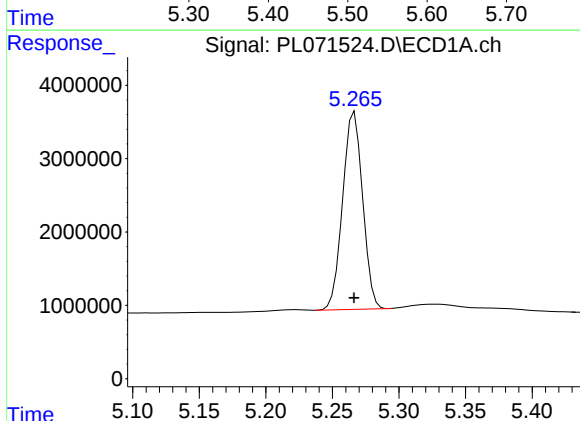
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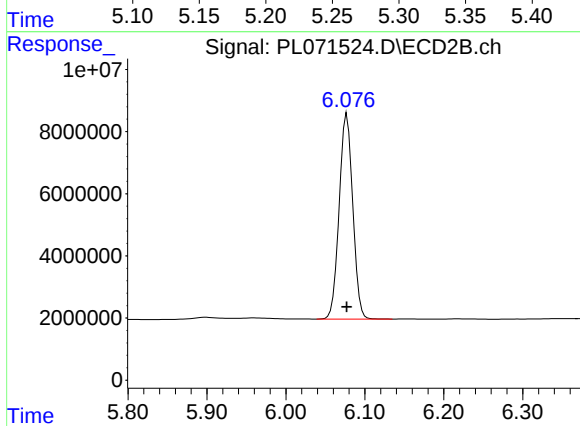
#1 Tetrachloro-m-xylene

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 53906117
Conc: 45.25 ng/ml



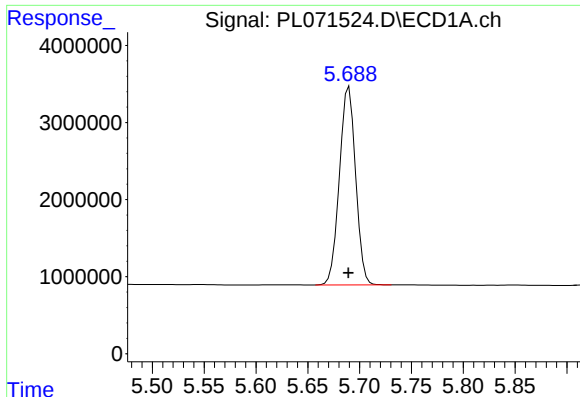
#2 alpha-BHC

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 28200797
Conc: 44.34 ng/ml



#2 alpha-BHC

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 79048451
Conc: 45.97 ng/ml



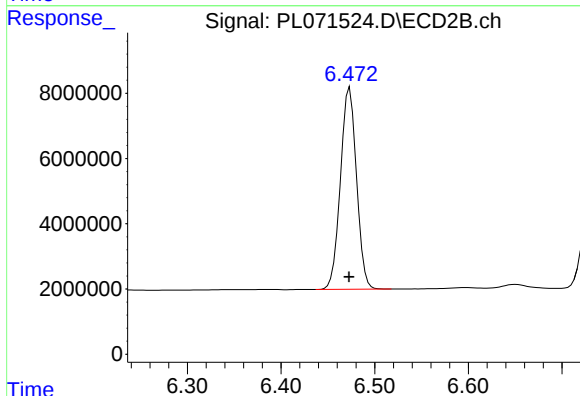
#3 gamma-BHC (Lindane)

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 27972278
Conc: 42.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

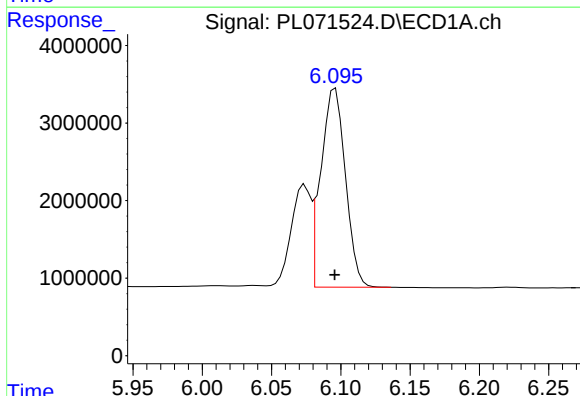
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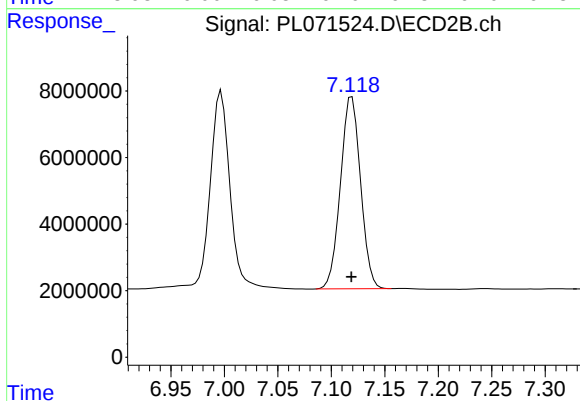
#3 gamma-BHC (Lindane)

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 73903722
Conc: 46.30 ng/ml



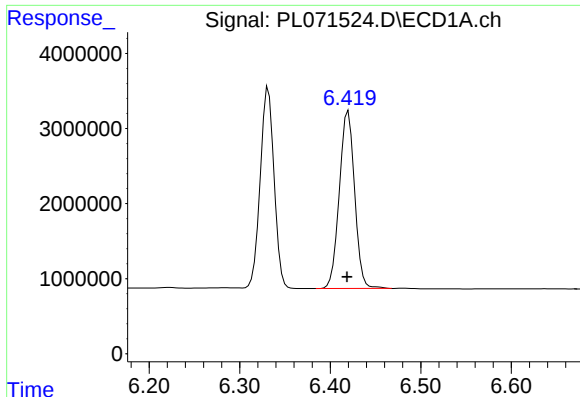
#4 Heptachlor

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 31610859
Conc: 45.76 ng/ml



#4 Heptachlor

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 75666397
Conc: 47.40 ng/ml



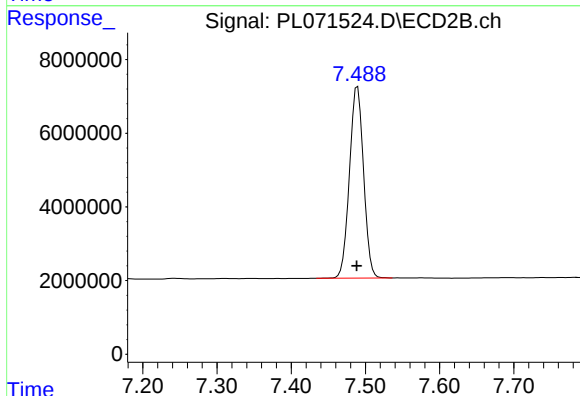
#5 Aldrin

R.T.: 6.420 min
Delta R.T.: 0.001 min
Response: 27758659
Conc: 45.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

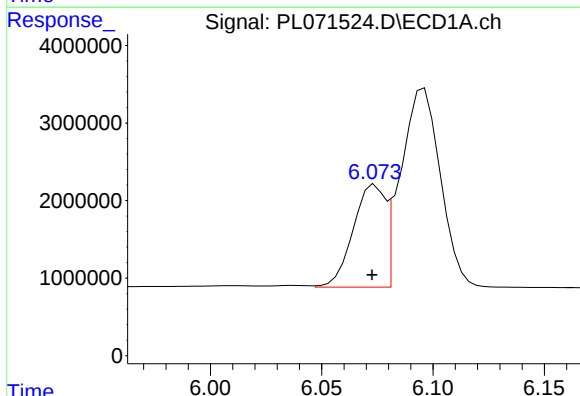
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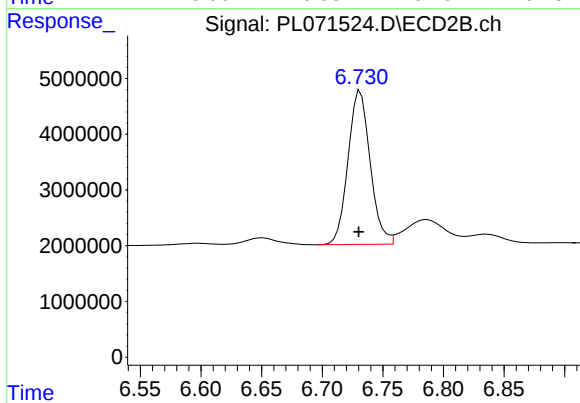
#5 Aldrin

R.T.: 7.489 min
Delta R.T.: 0.001 min
Response: 68532895
Conc: 46.92 ng/ml



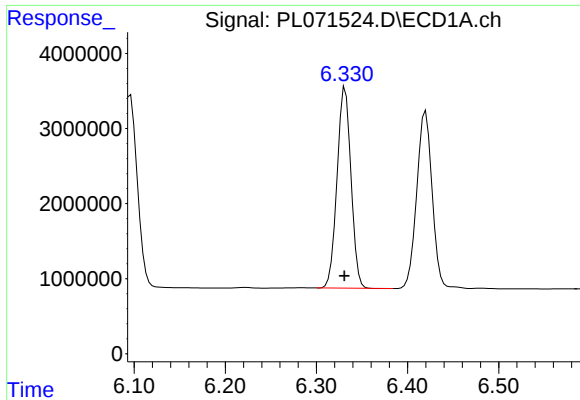
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: 0.002 min
Response: 13116088
Conc: 45.93 ng/ml



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: 0.002 min
Response: 35026762
Conc: 43.76 ng/ml



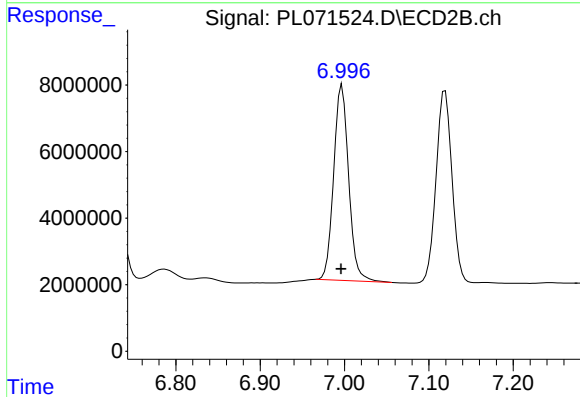
#7 delta-BHC

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 28450839
Conc: 45.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

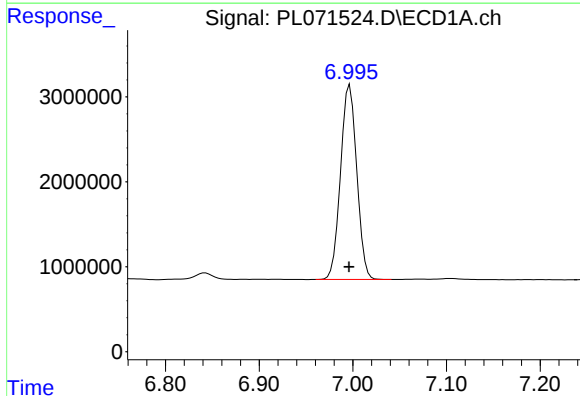
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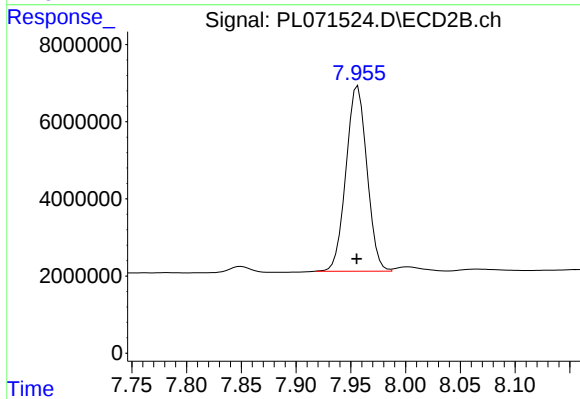
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: 0.001 min
Response: 72436646
Conc: 47.41 ng/ml



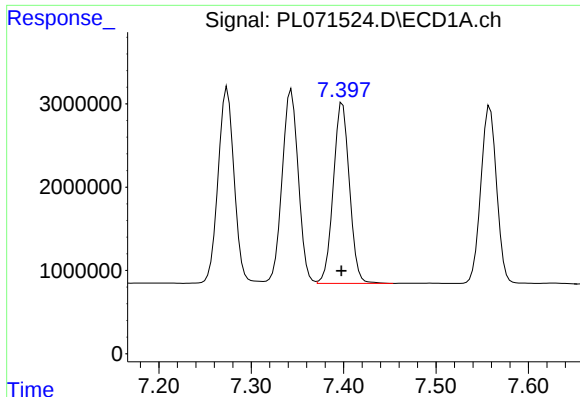
#8 Heptachlor epoxide

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 27598862
Conc: 45.09 ng/ml



#8 Heptachlor epoxide

R.T.: 7.956 min
Delta R.T.: 0.001 min
Response: 63852822
Conc: 47.60 ng/ml



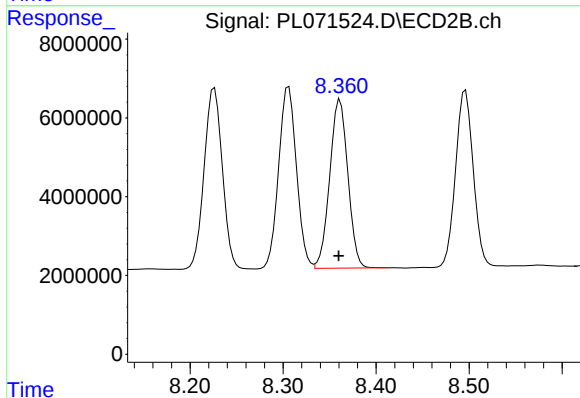
#9 Endosulfan I

R.T.: 7.399 min
Delta R.T.: 0.001 min
Response: 26327095
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

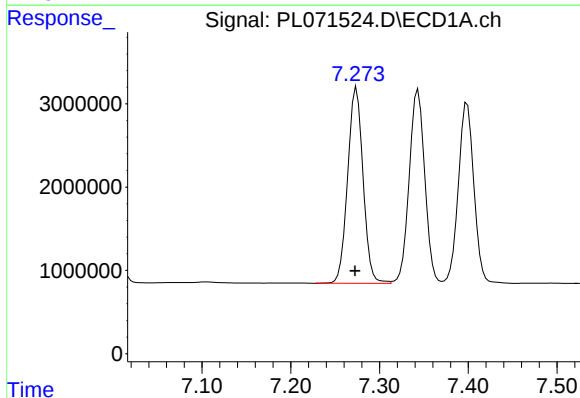
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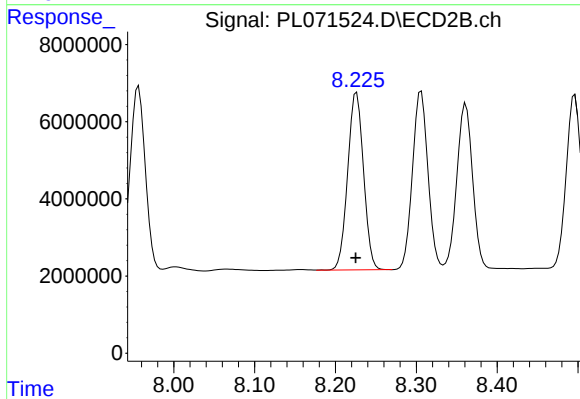
#9 Endosulfan I

R.T.: 8.361 min
Delta R.T.: 0.001 min
Response: 58208505
Conc: 48.50 ng/ml



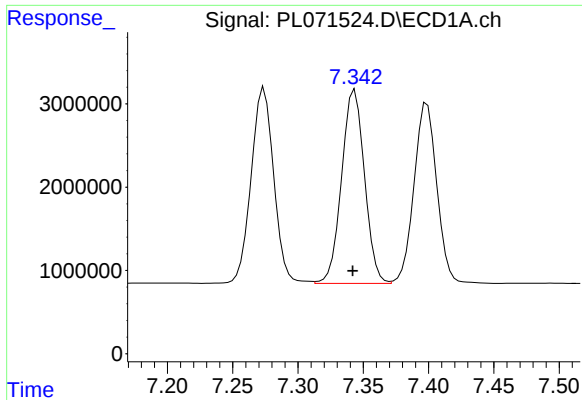
#10 gamma-Chlordane

R.T.: 7.274 min
Delta R.T.: 0.002 min
Response: 28312581
Conc: 45.61 ng/ml



#10 gamma-Chlordane

R.T.: 8.226 min
Delta R.T.: 0.001 min
Response: 62691036
Conc: 48.48 ng/ml



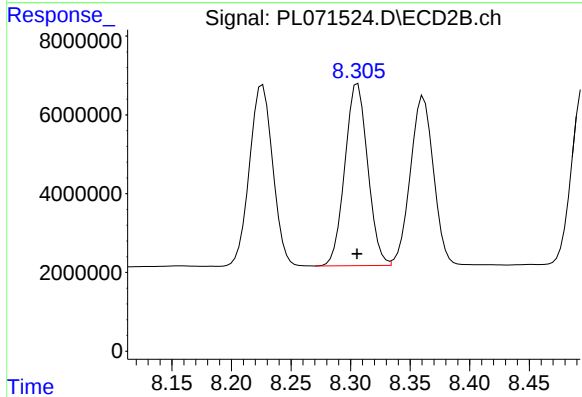
#11 alpha-Chlordane

R.T.: 7.344 min
Delta R.T.: 0.002 min
Response: 28363317
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

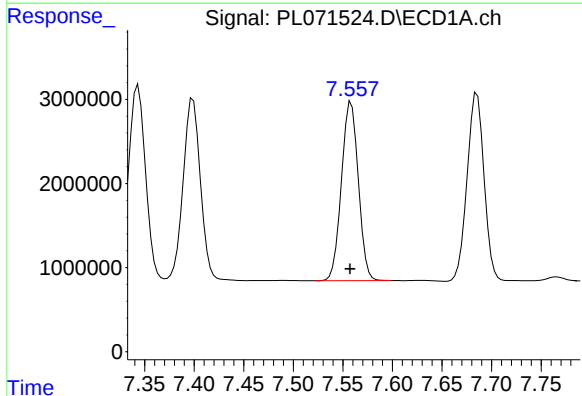
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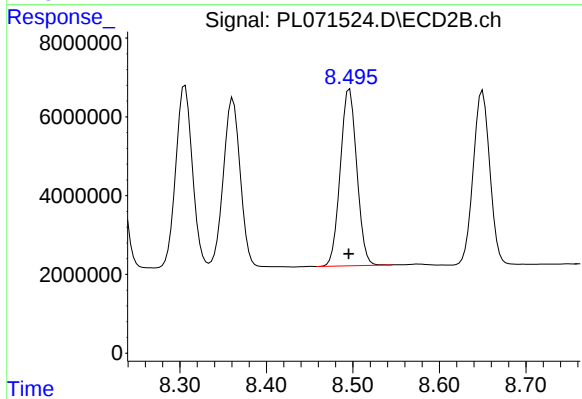
#11 alpha-Chlordane

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 61667803
Conc: 48.54 ng/ml



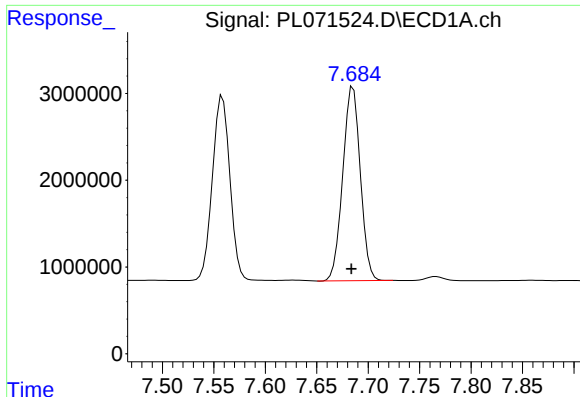
#12 4,4'-DDE

R.T.: 7.559 min
Delta R.T.: 0.001 min
Response: 25204156
Conc: 46.18 ng/ml



#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: 0.001 min
Response: 59210646
Conc: 49.71 ng/ml



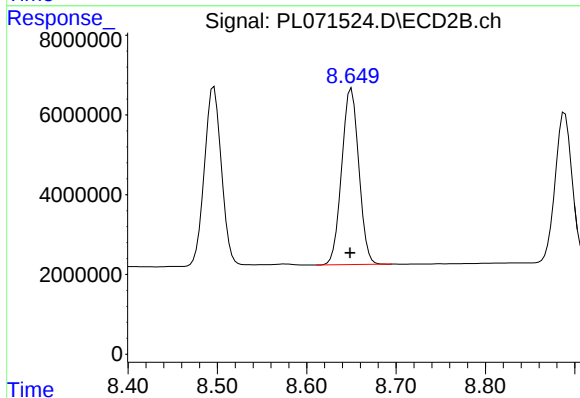
#13 Dieldrin

R.T.: 7.685 min
Delta R.T.: 0.002 min
Response: 26588707
Conc: 45.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

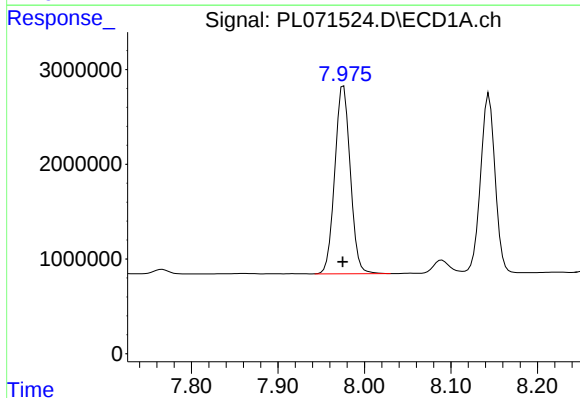
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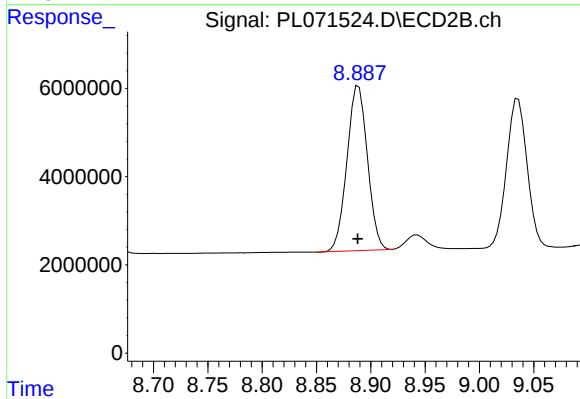
#13 Dieldrin

R.T.: 8.650 min
Delta R.T.: 0.001 min
Response: 58803817
Conc: 48.37 ng/ml



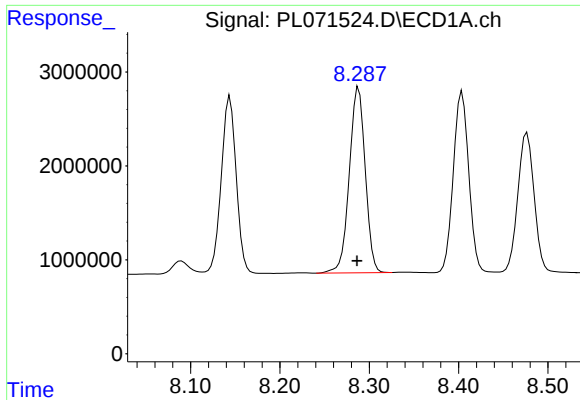
#14 Endrin

R.T.: 7.976 min
Delta R.T.: 0.001 min
Response: 24575997
Conc: 44.87 ng/ml



#14 Endrin

R.T.: 8.889 min
Delta R.T.: 0.000 min
Response: 49021950
Conc: 48.39 ng/ml



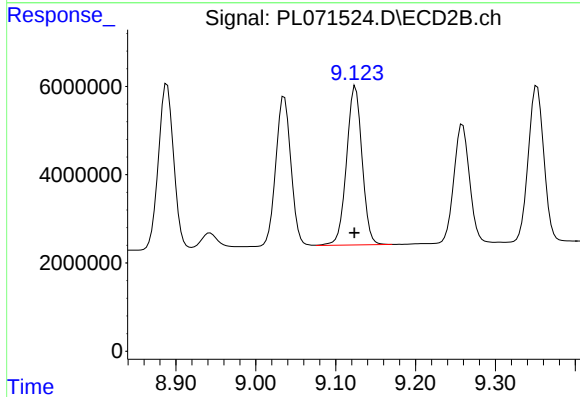
#15 Endosulfan II

R.T.: 8.288 min
Delta R.T.: 0.002 min
Response: 24508266
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

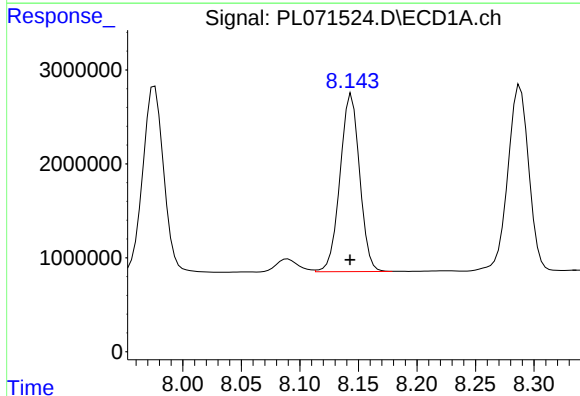
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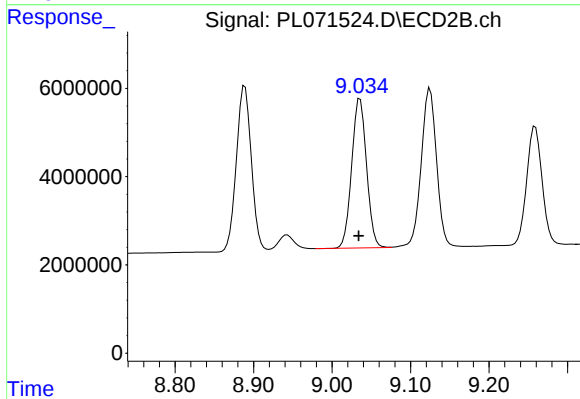
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: 0.001 min
Response: 48674045
Conc: 48.23 ng/ml



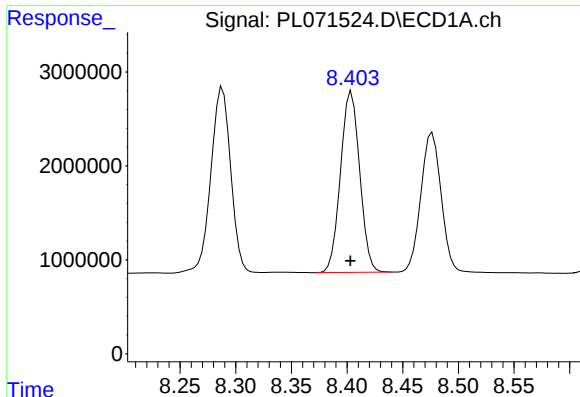
#16 4,4'-DDD

R.T.: 8.143 min
Delta R.T.: 0.000 min
Response: 22003515
Conc: 46.75 ng/ml m



#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: 0.002 min
Response: 44574037
Conc: 50.50 ng/ml



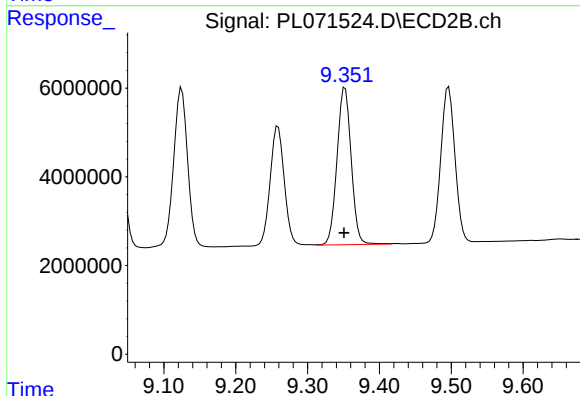
#17 4,4'-DDT

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 23143568
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

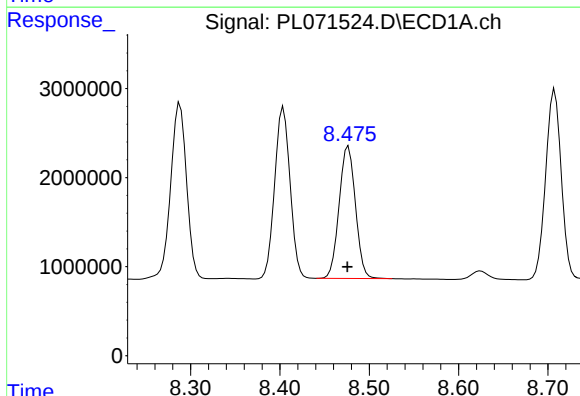
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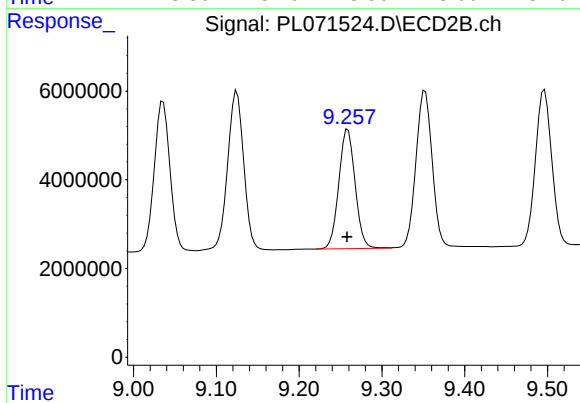
#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.001 min
Response: 48449760
Conc: 49.00 ng/ml



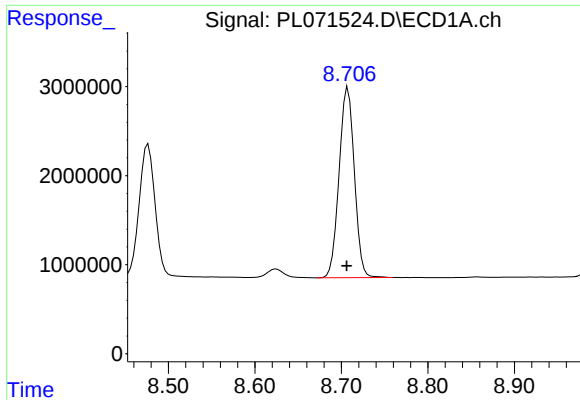
#18 Endrin aldehyde

R.T.: 8.477 min
Delta R.T.: 0.001 min
Response: 18846728
Conc: 44.32 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: 0.000 min
Response: 36766634
Conc: 48.81 ng/ml



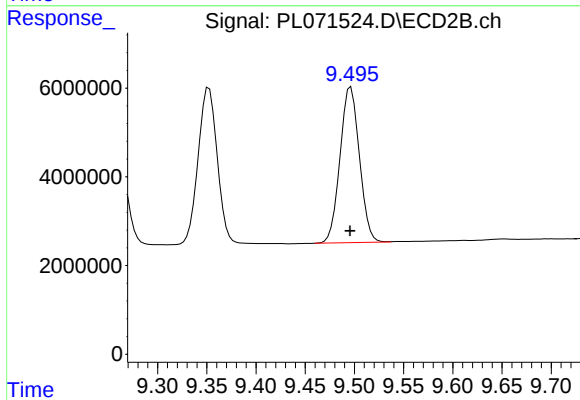
#19 Endosulfan Sulfate

R.T.: 8.708 min
Delta R.T.: 0.002 min
Response: 26019790
Conc: 45.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

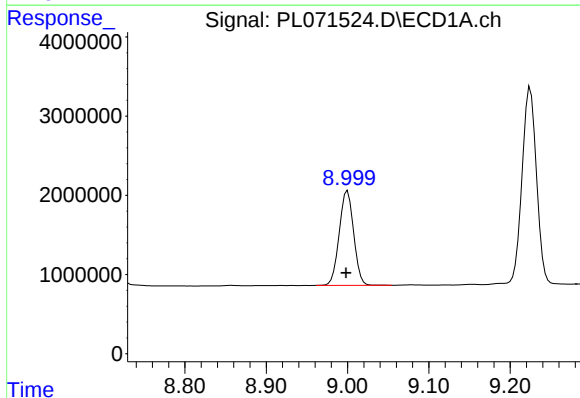
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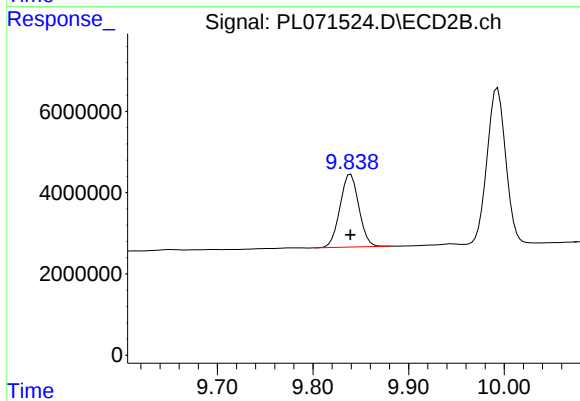
#19 Endosulfan Sulfate

R.T.: 9.496 min
Delta R.T.: 0.000 min
Response: 48151448
Conc: 49.13 ng/ml



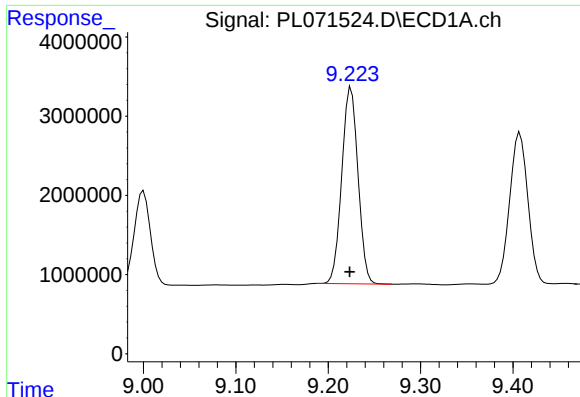
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: 0.002 min
Response: 14699497
Conc: 45.38 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 24662728
Conc: 49.13 ng/ml



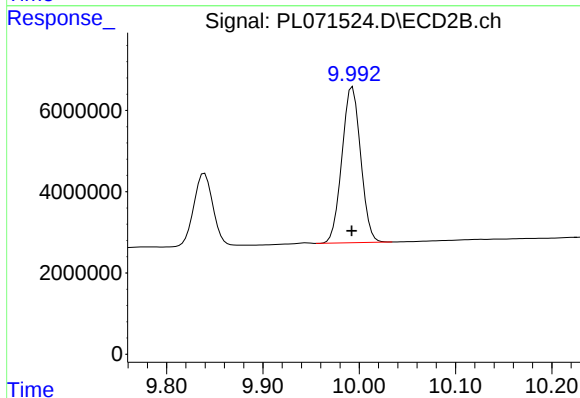
#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: 0.001 min
Response: 30299709
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

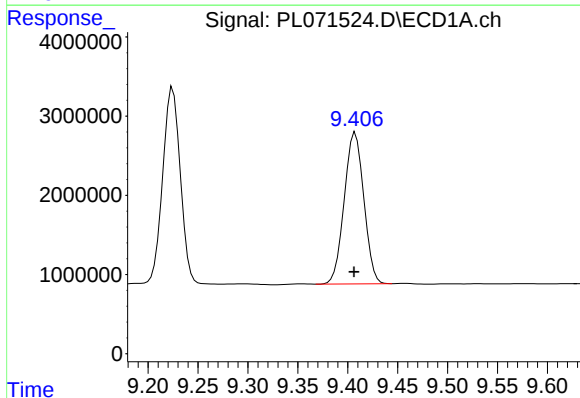
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2021
Supervised By :mohammad ahmed 12/20/2021



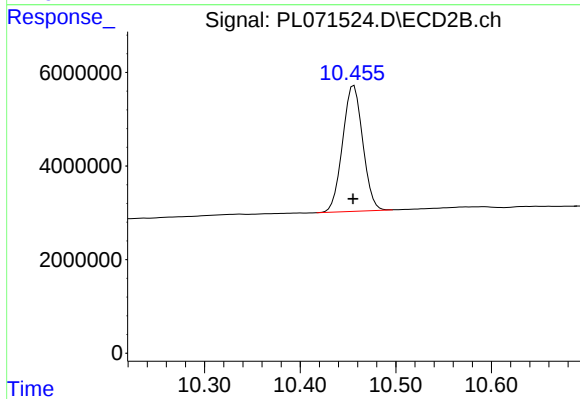
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: 0.000 min
Response: 51762571
Conc: 49.22 ng/ml



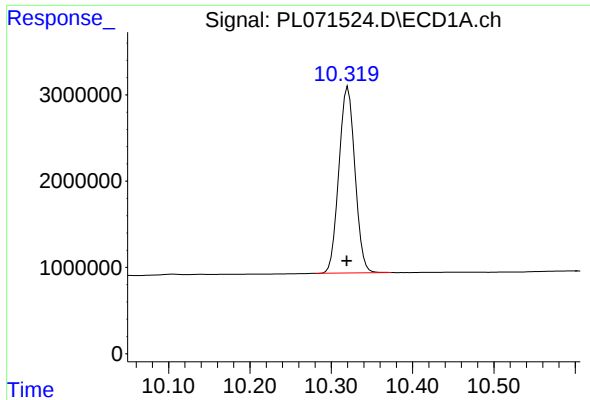
#22 Mirex

R.T.: 9.408 min
Delta R.T.: 0.001 min
Response: 26114053
Conc: 45.01 ng/ml



#22 Mirex

R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 39573072
Conc: 49.17 ng/ml



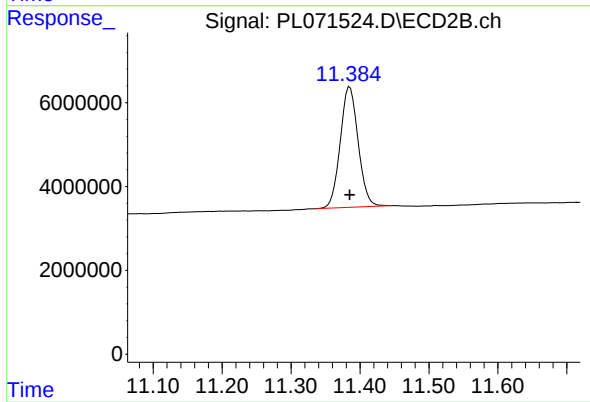
#28 Decachlorobiphenyl

R.T.: 10.321 min
Delta R.T.: 0.001 min
Response: 29555468
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: 0.000 min
Response: 52039437
Conc: 47.90 ng/ml