

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051622\
 Data File : PL074728.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2022 13:39
 Operator : AR\AJ
 Sample : PB144821BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144821BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/17/2022
 Supervised By : mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:48:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.647	4.653	10206298	25825282	20.102	18.816
28)	SA Decachlor...	11.648	10.406	10256225	24136739	22.966	23.516
Target Compounds							
2)	A alpha-BHC	6.232	5.355	35672999	86749984	52.142	51.548
3)	MA gamma-BHC...	6.630	5.776	33678672	82259024	52.175	49.782
4)	MA Heptachlor	7.284	6.187	32848047	75425386	50.898	49.692
5)	MB Aldrin	7.659	6.511	32759496	77220911	52.882	51.465
6)	B beta-BHC	6.880	6.152	15060974	38050913	50.463	47.925
7)	B delta-BHC	7.151	6.414	33131859	80574550	52.838	51.528
8)	B Heptachlo...	8.126	7.085	30419383	70338458	53.485	50.538
9)	A Endosulfan I	8.535	7.487	29479567	63432418	51.136	50.700
10)	B gamma-Chl...	8.397	7.362	28810679	71061118	55.699	51.277
11)	B alpha-Chl...	8.478	7.431	32096136	70405218	52.573	52.081
12)	B 4,4'-DDE	8.665	7.643	26007720	63262917	56.181	53.763
13)	MA Dieldrin	8.826	7.773	29061980	70099775	55.292	55.027
14)	MA Endrin	9.067	8.063	22670931	58496582	54.938	55.379
15)	B Endosulfa...	9.300	8.373	25296980	61091098	57.544	54.082
16)	A 4,4'-DDD	9.206	8.227	22682898	52878665	50.170	53.676
17)	MA 4,4'-DDT	9.525	8.488	22806591	52654458	49.619m	52.627
18)	B Endrin al...	9.435	8.561	21863436	48746559	61.775	61.034
19)	B Endosulfa...	9.674	8.791	24696722	58072818	54.642	53.349
20)	A Methoxychlor	10.012	9.082	12978515	30270325	52.992	51.798
21)	B Endrin ke...	10.176	9.309	28421931	63601733	55.421	57.048
22)	Mirex	10.649	9.499	22133621	51908799	54.853	53.592

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051622\
 Data File : PL074728.D
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 Acq On : 16 May 2022 13:39
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 Sample : PB144821BS
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ClientSampleId :

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Manual Integrations

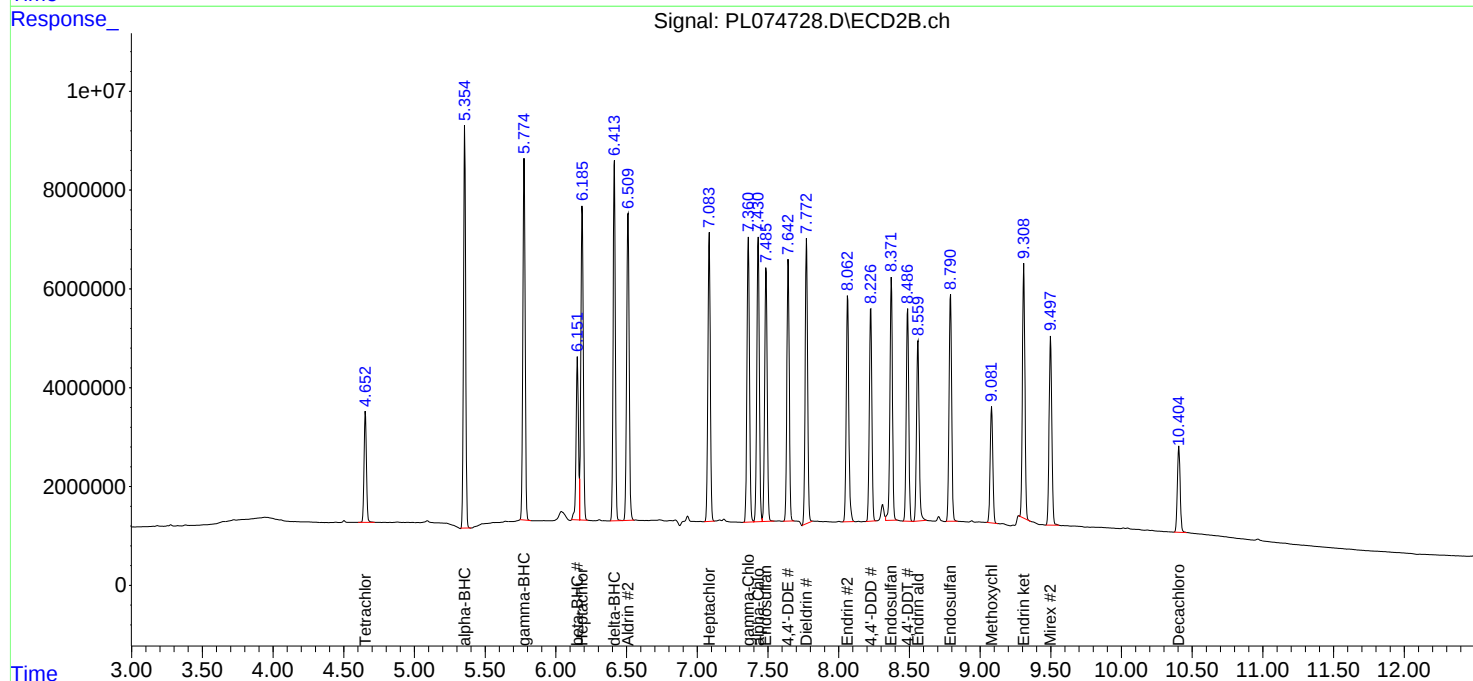
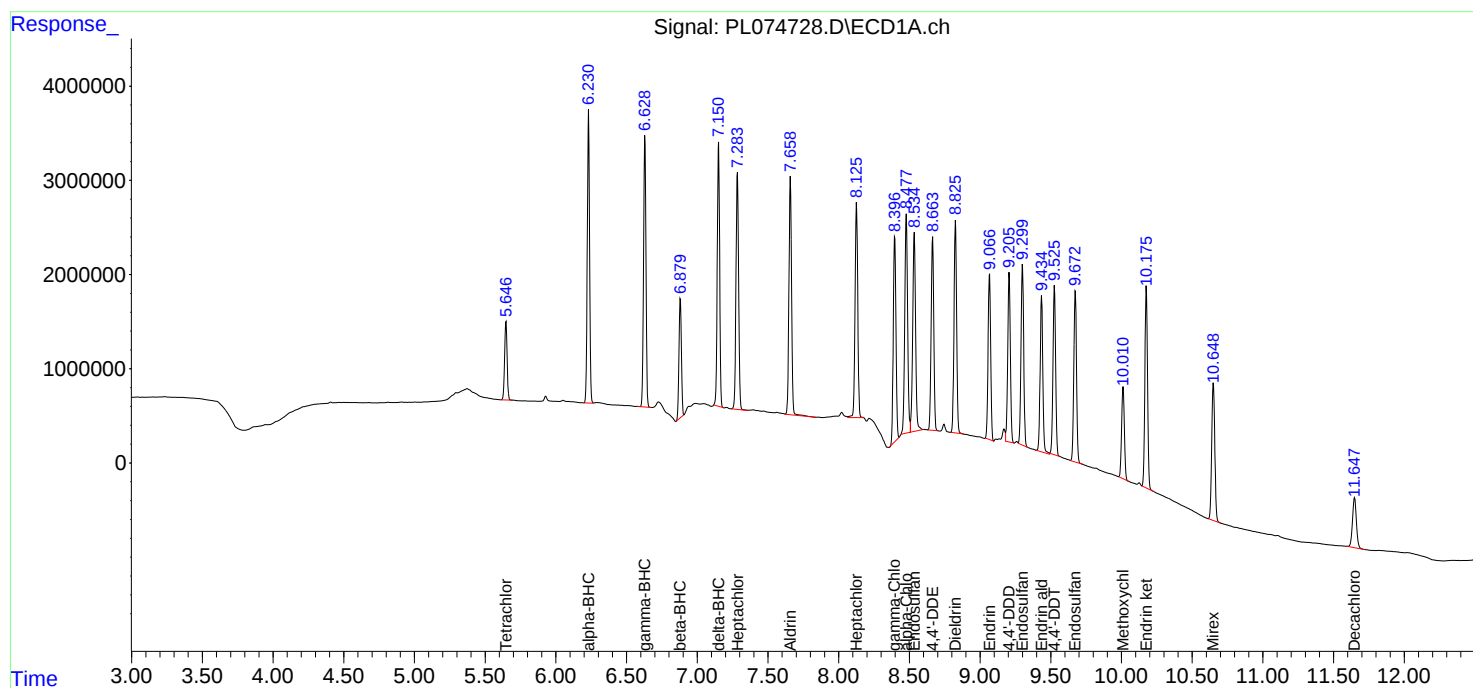
APPROVED

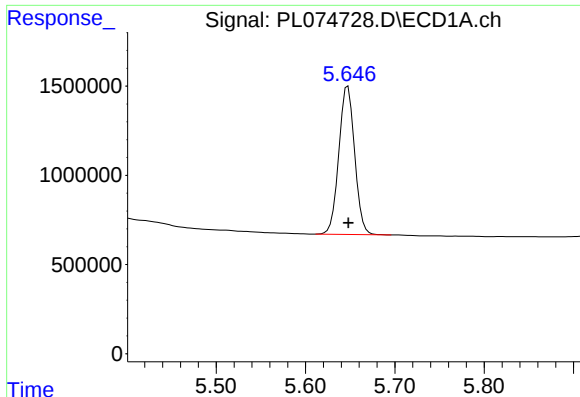
Reviewed By :Abdul Mirza 05/17/2022

Supervised By :mohammad ahmed 05/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 00:48:21 2022
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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





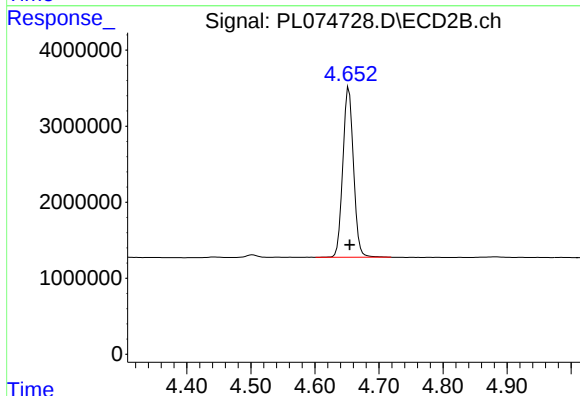
#1 Tetrachloro-m-xylene

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 10206298
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144821BS

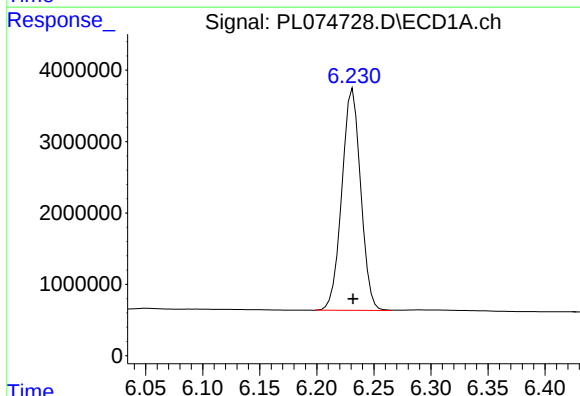
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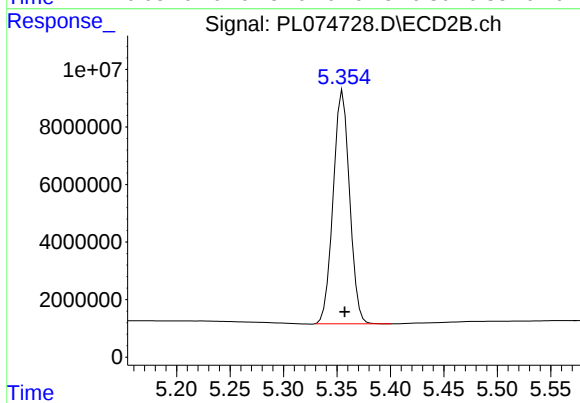
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 25825282
Conc: 18.82 ng/ml



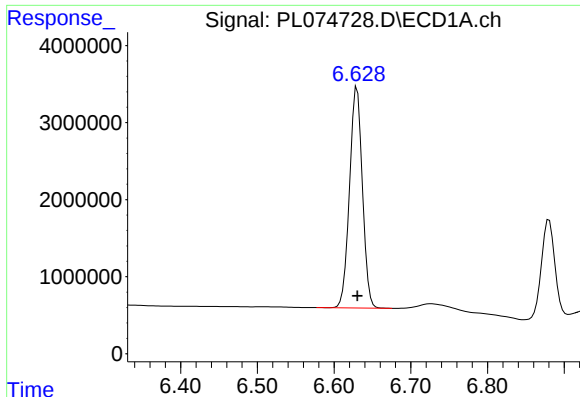
#2 alpha-BHC

R.T.: 6.232 min
Delta R.T.: 0.000 min
Response: 35672999
Conc: 52.14 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: -0.002 min
Response: 86749984
Conc: 51.55 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 33678672
Conc: 52.17 ng/ml

Instrument :

ECD_L

ClientSampleId :

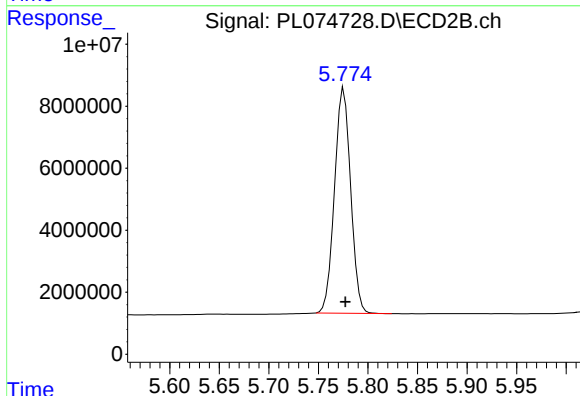
PB144821BS

Manual Integrations

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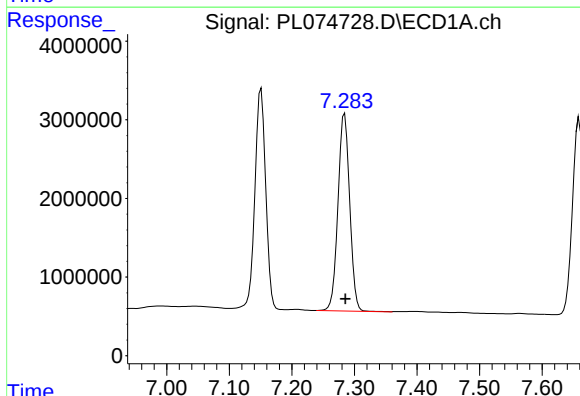
Reviewed By :Abdul Mirza 05/17/2022

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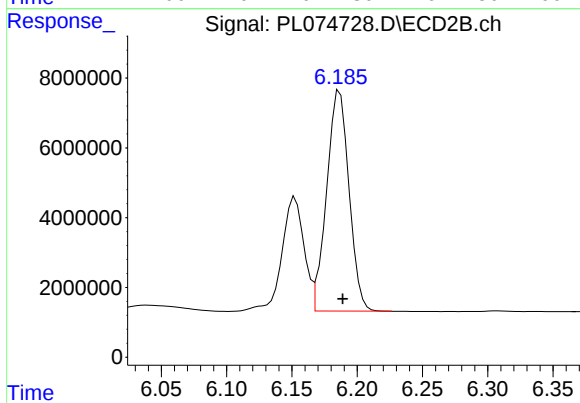
#3 gamma-BHC (Lindane)

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 82259024
Conc: 49.78 ng/ml



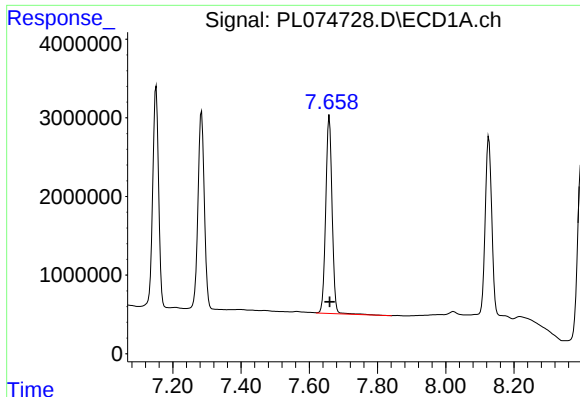
#4 Heptachlor

R.T.: 7.284 min
Delta R.T.: -0.001 min
Response: 32848047
Conc: 50.90 ng/ml



#4 Heptachlor

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 75425386
Conc: 49.69 ng/ml



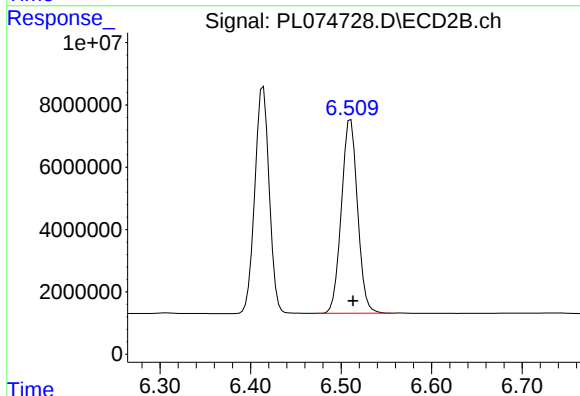
#5 Aldrin

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 32759496
Conc: 52.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144821BS

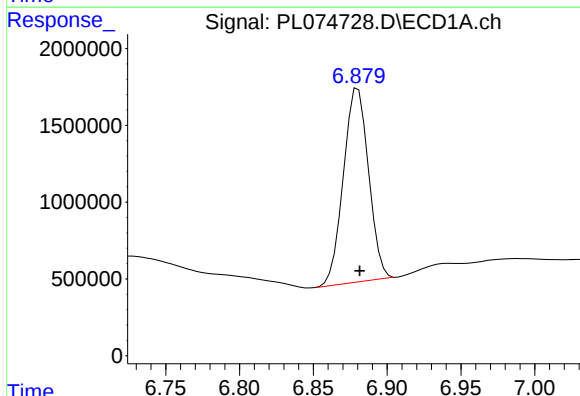
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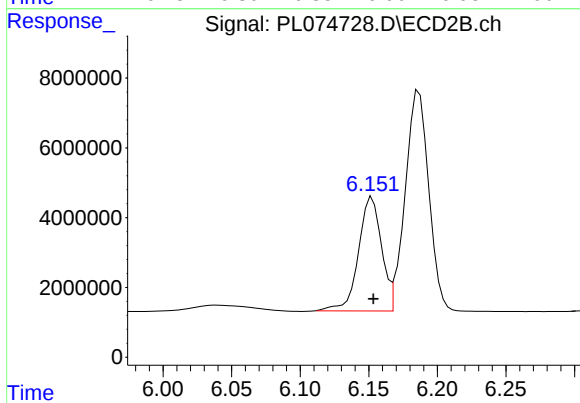
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 77220911
Conc: 51.46 ng/ml



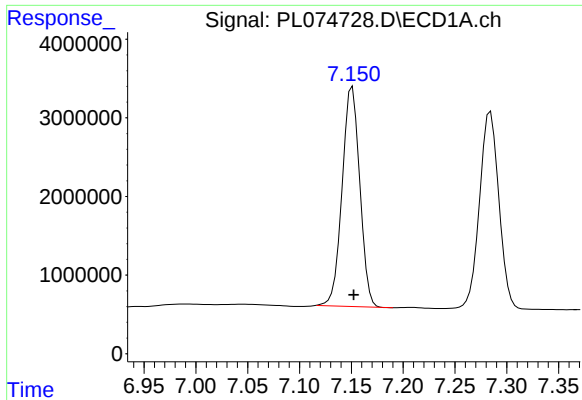
#6 beta-BHC

R.T.: 6.880 min
Delta R.T.: -0.001 min
Response: 15060974
Conc: 50.46 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 38050913
Conc: 47.92 ng/ml



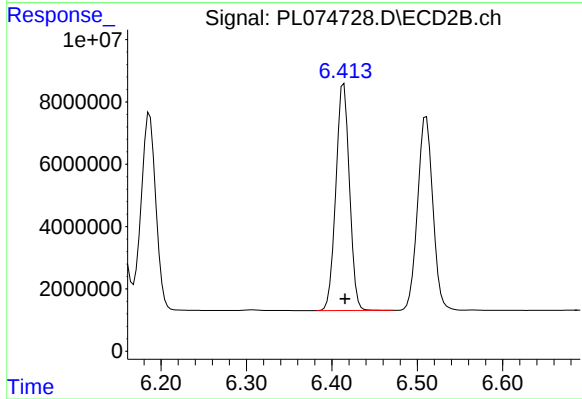
#7 delta-BHC

R.T.: 7.151 min
Delta R.T.: -0.001 min
Response: 33131859
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144821BS

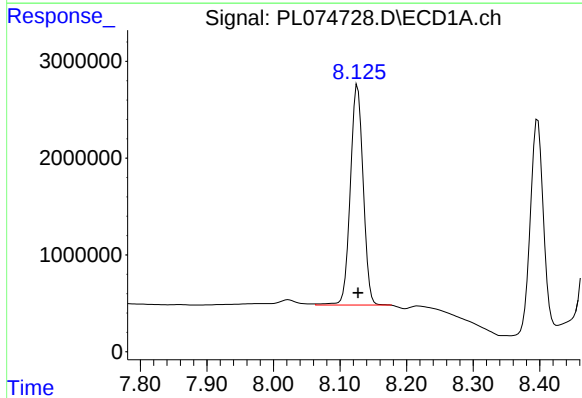
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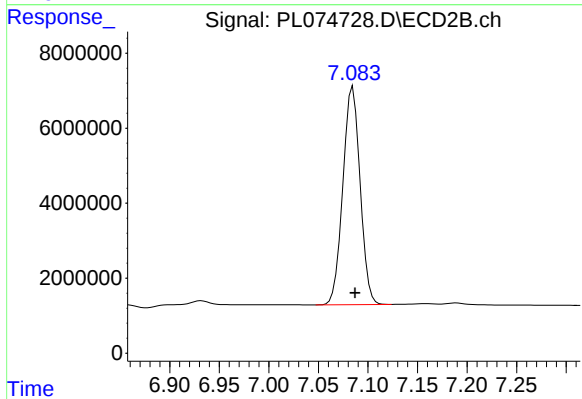
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 80574550
Conc: 51.53 ng/ml



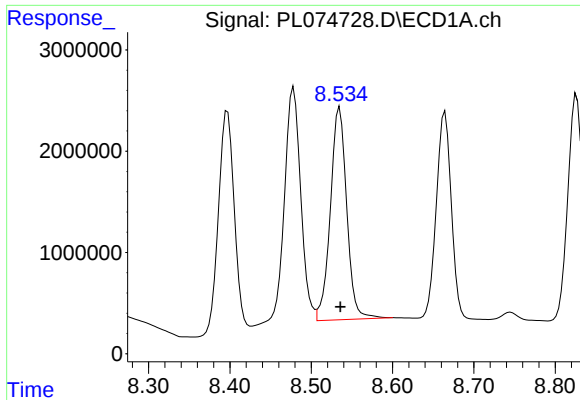
#8 Heptachlor epoxide

R.T.: 8.126 min
Delta R.T.: -0.001 min
Response: 30419383
Conc: 53.48 ng/ml



#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 70338458
Conc: 50.54 ng/ml



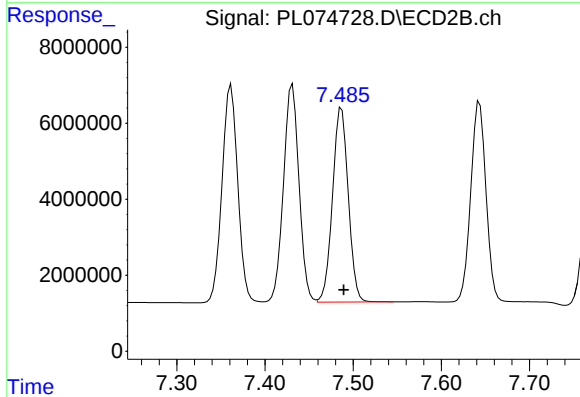
#9 Endosulfan I

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 29479567
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144821BS

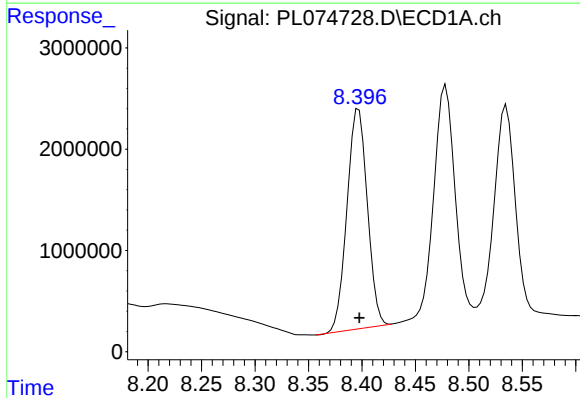
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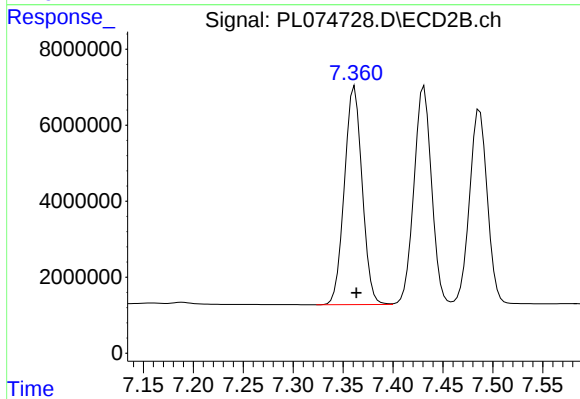
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 63432418
Conc: 50.70 ng/ml



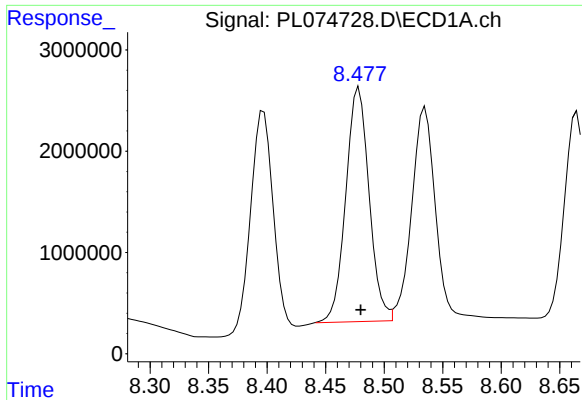
#10 gamma-Chlordane

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 28810679
Conc: 55.70 ng/ml



#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.002 min
Response: 71061118
Conc: 51.28 ng/ml



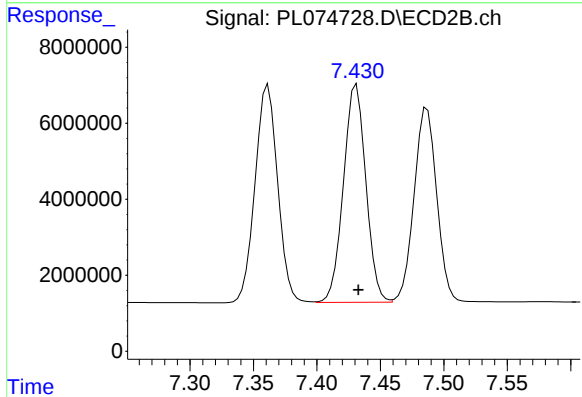
#11 alpha-Chlordane

R.T.: 8.478 min
Delta R.T.: -0.001 min
Response: 32096136
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144821BS

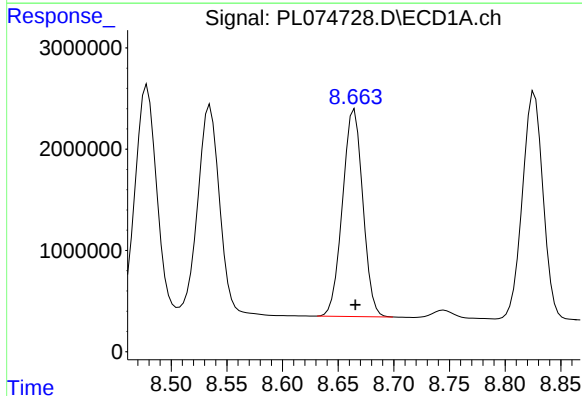
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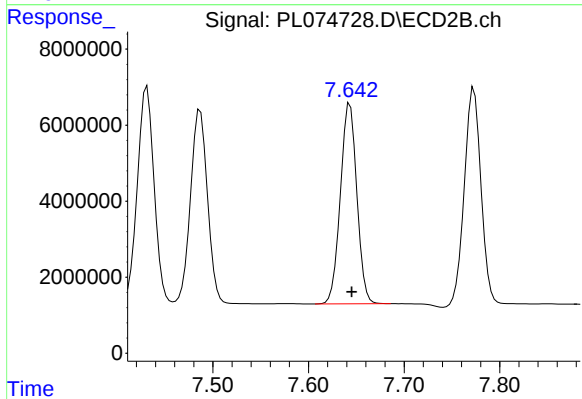
#11 alpha-Chlordane

R.T.: 7.431 min
Delta R.T.: -0.002 min
Response: 70405218
Conc: 52.08 ng/ml



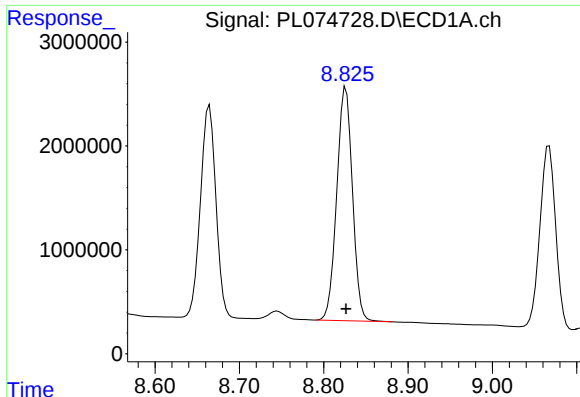
#12 4,4'-DDE

R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 26007720
Conc: 56.18 ng/ml



#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 63262917
Conc: 53.76 ng/ml



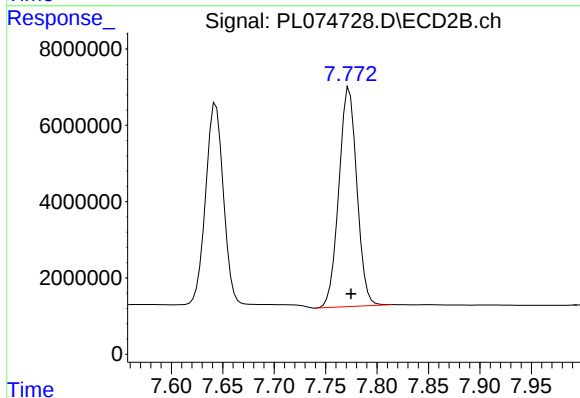
#13 Dieldrin

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 29061980
Conc: 55.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144821BS

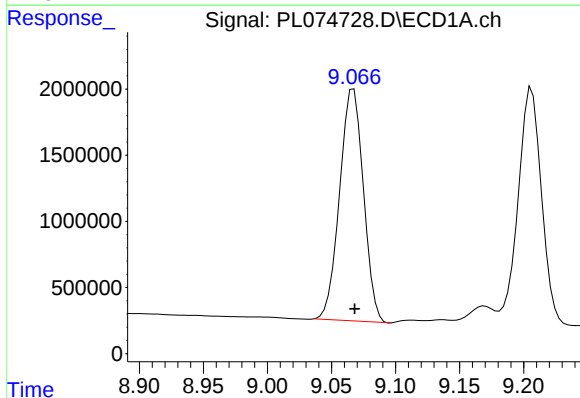
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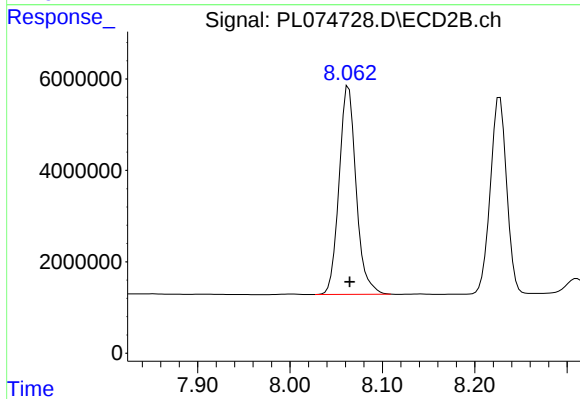
#13 Dieldrin

R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 70099775
Conc: 55.03 ng/ml



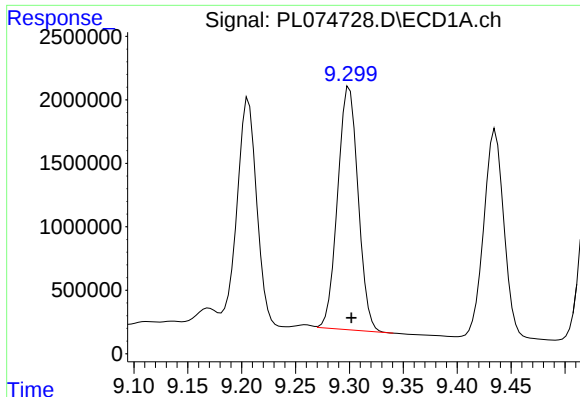
#14 Endrin

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 22670931
Conc: 54.94 ng/ml



#14 Endrin

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 58496582
Conc: 55.38 ng/ml



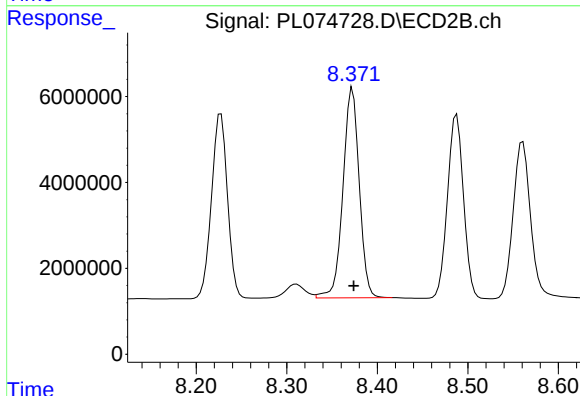
#15 Endosulfan II

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 25296980
Conc: 57.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144821BS

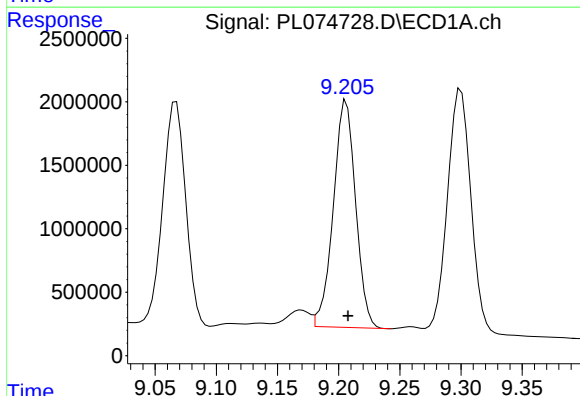
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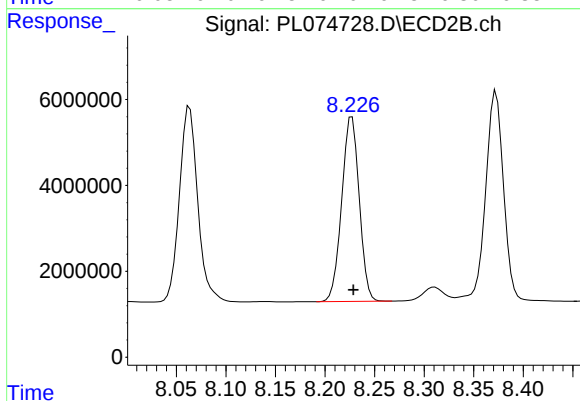
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.002 min
Response: 61091098
Conc: 54.08 ng/ml



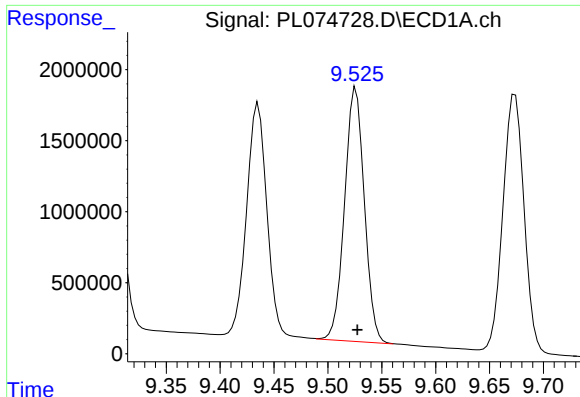
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: -0.002 min
Response: 22682898
Conc: 50.17 ng/ml



#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: -0.002 min
Response: 52878665
Conc: 53.68 ng/ml



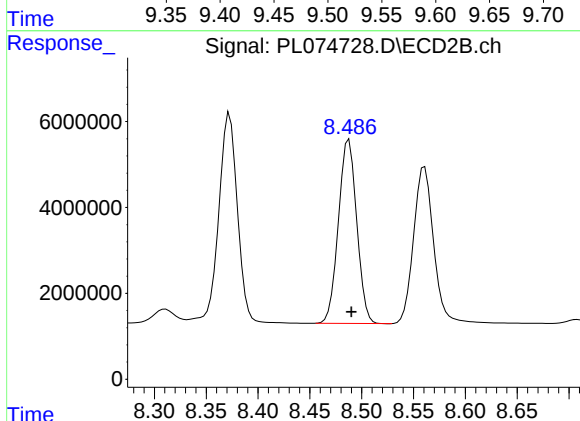
#17 4,4'-DDT

R.T.: 9.525 min
Delta R.T.: -0.003 min
Response: 22806591
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144821BS

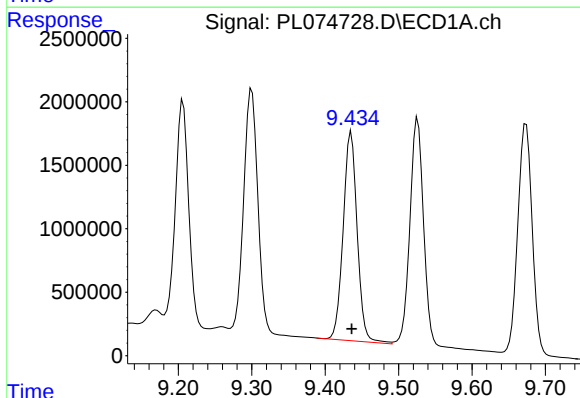
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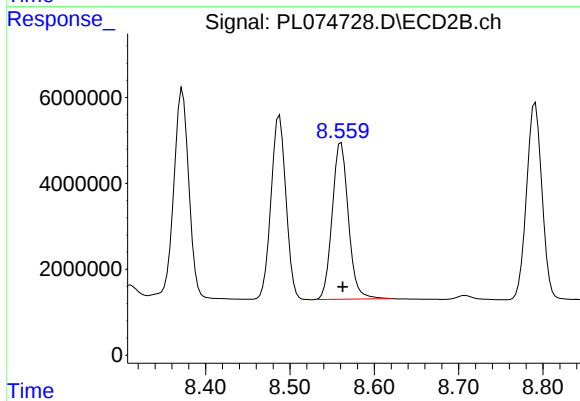
#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: -0.002 min
Response: 52654458
Conc: 52.63 ng/ml



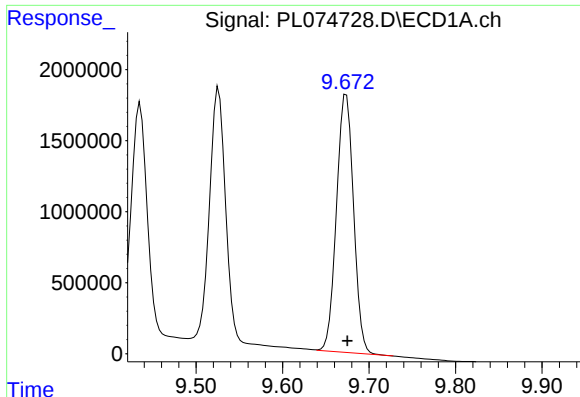
#18 Endrin aldehyde

R.T.: 9.435 min
Delta R.T.: 0.000 min
Response: 21863436
Conc: 61.78 ng/ml



#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.002 min
Response: 48746559
Conc: 61.03 ng/ml



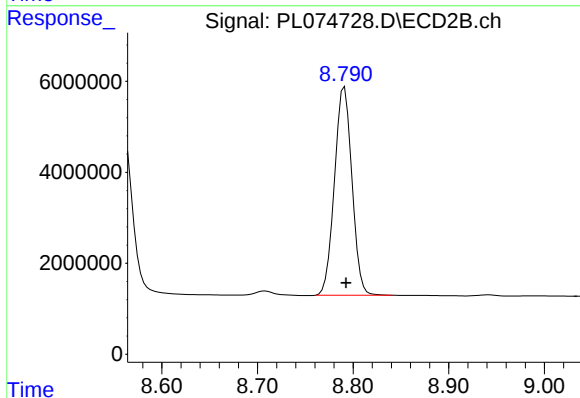
#19 Endosulfan Sulfate

R.T.: 9.674 min
Delta R.T.: -0.001 min
Response: 24696722
Conc: 54.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144821BS

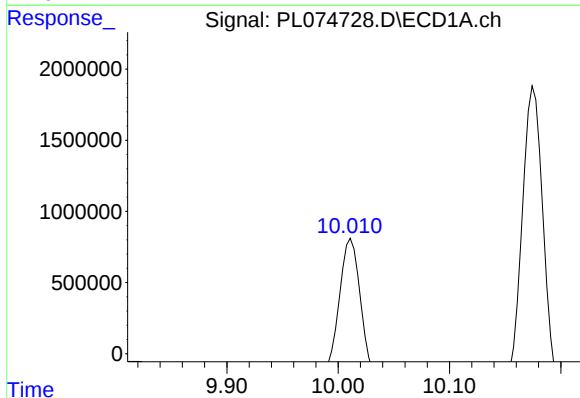
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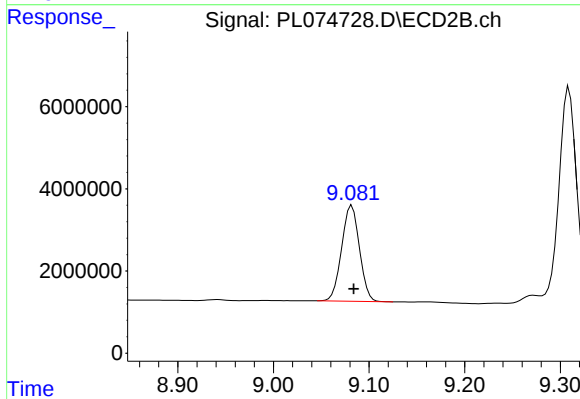
#19 Endosulfan Sulfate

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 58072818
Conc: 53.35 ng/ml



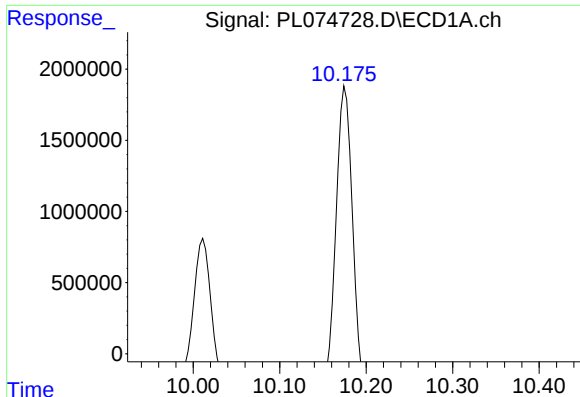
#20 Methoxychlor

R.T.: 10.012 min
Delta R.T.: -0.001 min
Response: 12978515
Conc: 52.99 ng/ml



#20 Methoxychlor

R.T.: 9.082 min
Delta R.T.: -0.002 min
Response: 30270325
Conc: 51.80 ng/ml



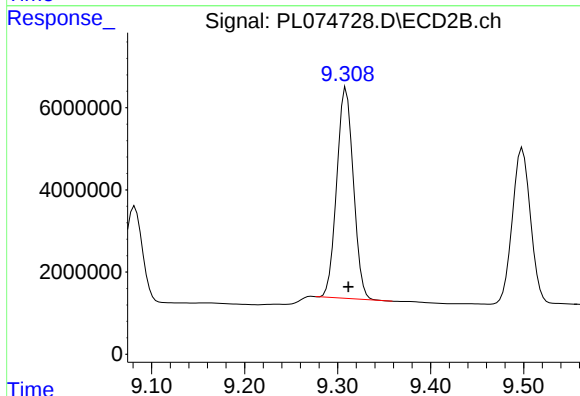
#21 Endrin ketone

R.T.: 10.176 min
Delta R.T.: -0.001 min
Response: 28421931
Conc: 55.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144821BS

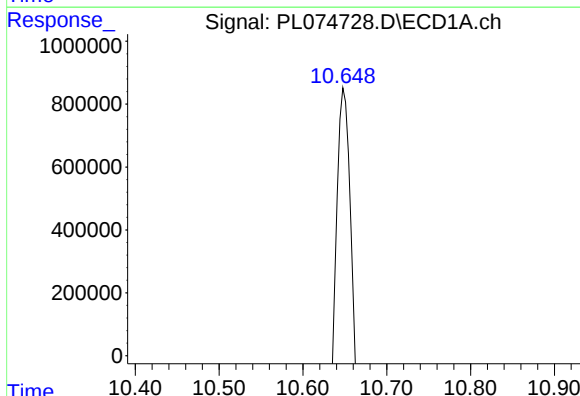
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/17/2022
Supervised By :mohammad ahmed 05/17/2022



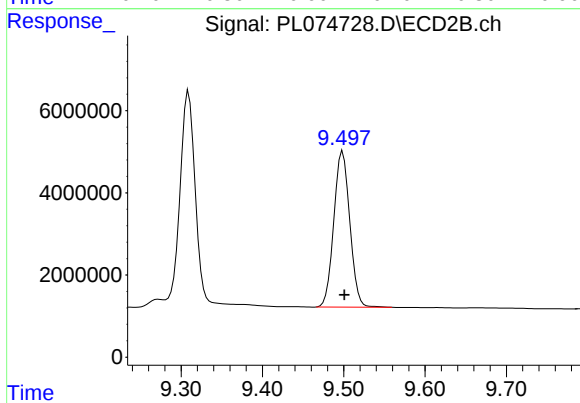
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.002 min
Response: 63601733
Conc: 57.05 ng/ml



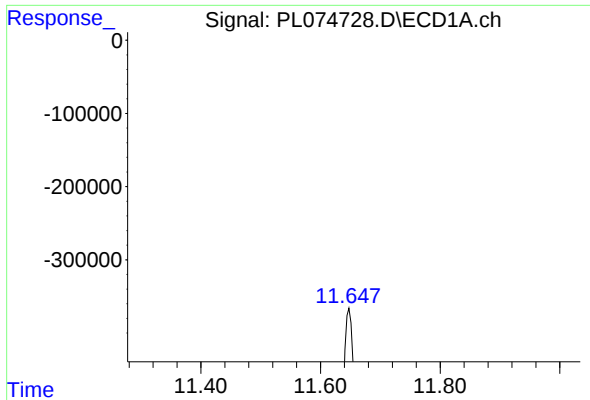
#22 Mirex

R.T.: 10.649 min
Delta R.T.: -0.002 min
Response: 22133621
Conc: 54.85 ng/ml



#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.002 min
Response: 51908799
Conc: 53.59 ng/ml



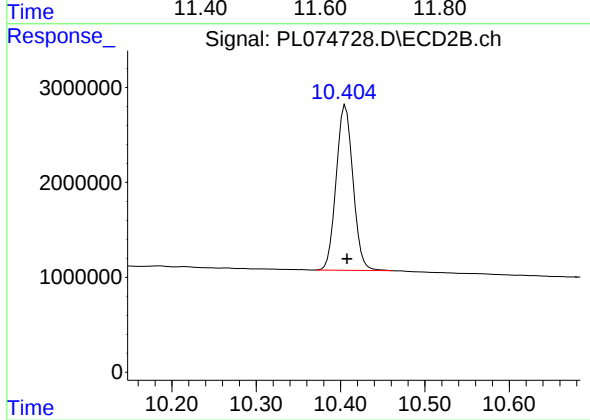
#28 Decachlorobiphenyl

R.T.: 11.648 min
Delta R.T.: -0.003 min
Response: 10256225
Conc: 22.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144821BS

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#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 24136739
Conc: 23.52 ng/ml