

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051922\
 Data File : PL074851.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 18:10
 Operator : AR\AJ
 Sample : PB144943BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144943BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2022
 Supervised By : mohammad ahmed 05/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:45:53 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...	5.652	4.651	8371621	21556597	16.488	15.706
28)	SA Decachlor...	11.652	10.406	8746806	21620496	19.586	21.064
Target Compounds							
2)	A alpha-BHC	6.237	5.354	32568922	82182119	47.605	48.834
3)	MA gamma-BHC...	6.634	5.775	31284551	78660935	48.466	47.604
4)	MA Heptachlor	7.288	6.186	30715195	74540045	47.593m	49.109
5)	MB Aldrin	7.662	6.510	29775875	75571769	48.066m	50.366
6)	B beta-BHC	6.885	6.152	13548329	36117564	45.395	45.490
7)	B delta-BHC	7.156	6.414	29667262	74975887	47.313	47.948
8)	B Heptachlo...	8.131	7.084	27887759	68843564	49.034	49.464
9)	A Endosulfan I	8.539	7.487	27444355	62632827	47.605	50.061
10)	B gamma-Chl...	8.402	7.361	26234685	69521550	50.719	50.166
11)	B alpha-Chl...	8.483	7.430	30156991	68961875	49.397	51.014
12)	B 4,4'-DDE	8.669	7.642	23648536	61140922	51.085	51.960
13)	MA Dieldrin	8.830	7.772	26727867	67851480	50.851	53.262
14)	MA Endrin	9.071	8.062	21613393	56942178	52.375	53.907
15)	B Endosulfa...	9.304	8.372	23885274	58404958	54.333	51.704
16)	A 4,4'-DDD	9.210	8.227	20597871	51588215	45.558	52.366
17)	MA 4,4'-DDT	9.529	8.488	22103521	52303349	48.090	52.276
18)	B Endrin al...	9.439	8.560	20439393	47778374	57.752	59.821
19)	B Endosulfa...	9.677	8.791	22976950	57395510	50.837	52.727
20)	A Methoxychlor	10.015	9.081	12575704	30962254	51.348	52.982
21)	B Endrin ke...	10.180	9.309	26905612	62219660	52.464	55.808
22)	Mirex	10.654	9.498	20293286	50200330	50.292	51.828

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051922\
Data File : PL074851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2022 18:10
Operator : AR\AJ
Sample : PB144943BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

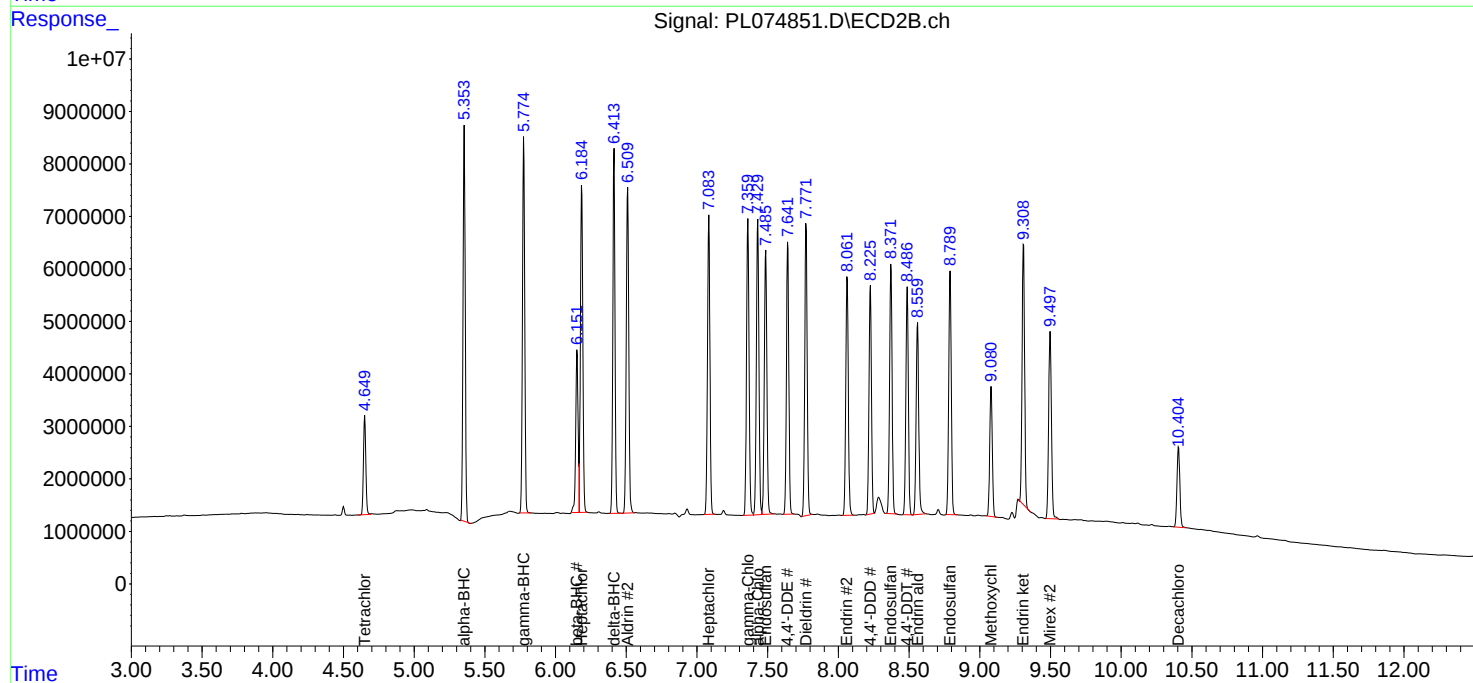
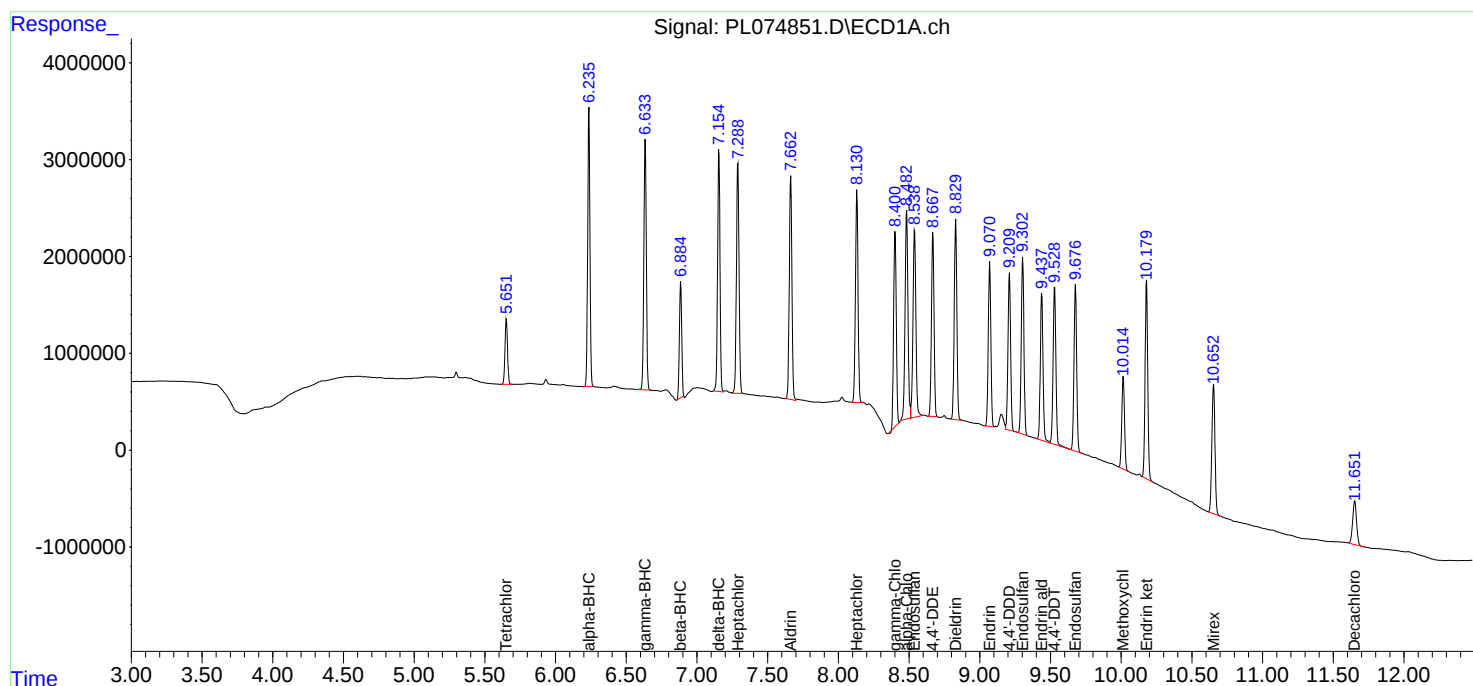
Instrument :
ECD_L
ClientSampleId :
PB144943BSD

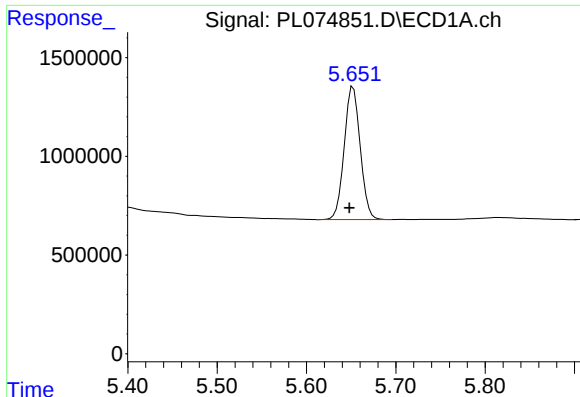
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/20/2022
Supervised By : mohammad ahmed 05/20/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 02:45:53 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





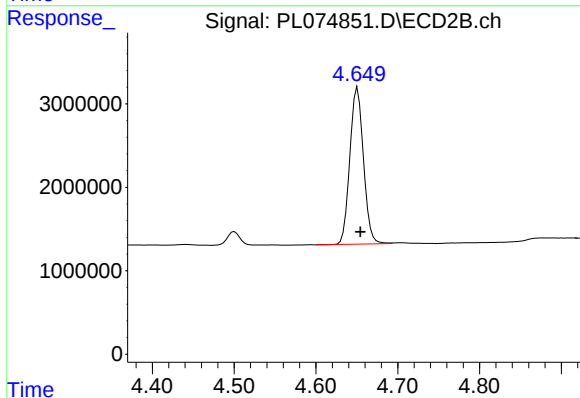
#1 Tetrachloro-m-xylene

R.T.: 5.652 min
Delta R.T.: 0.004 min
Response: 8371621
Conc: 16.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

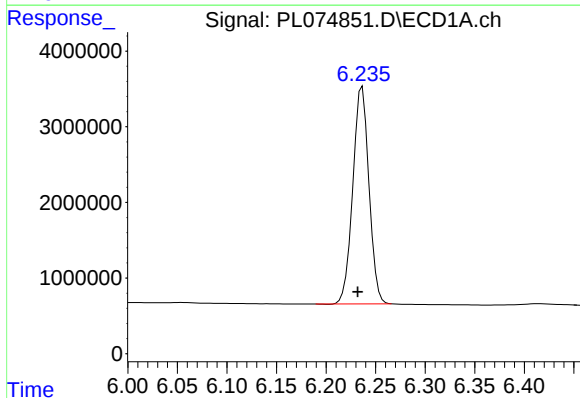
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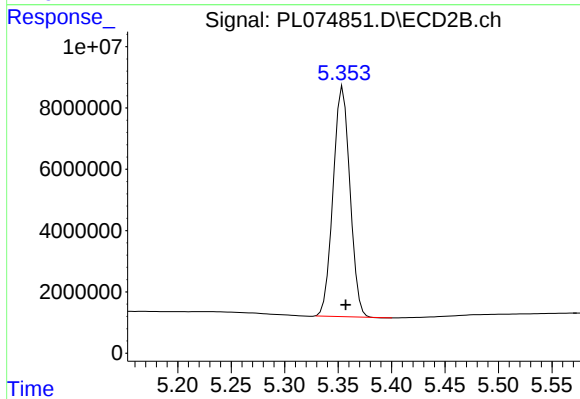
#1 Tetrachloro-m-xylene

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 21556597
Conc: 15.71 ng/ml



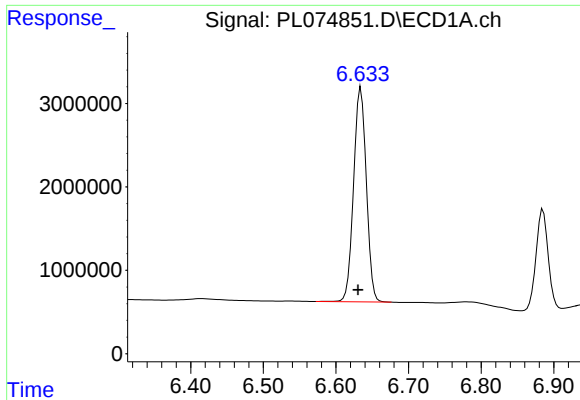
#2 alpha-BHC

R.T.: 6.237 min
Delta R.T.: 0.005 min
Response: 32568922
Conc: 47.61 ng/ml



#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: -0.003 min
Response: 82182119
Conc: 48.83 ng/ml



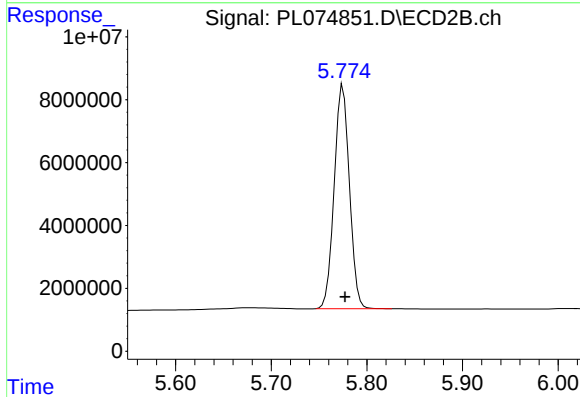
#3 gamma-BHC (Lindane)

R.T.: 6.634 min
Delta R.T.: 0.004 min
Response: 31284551
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

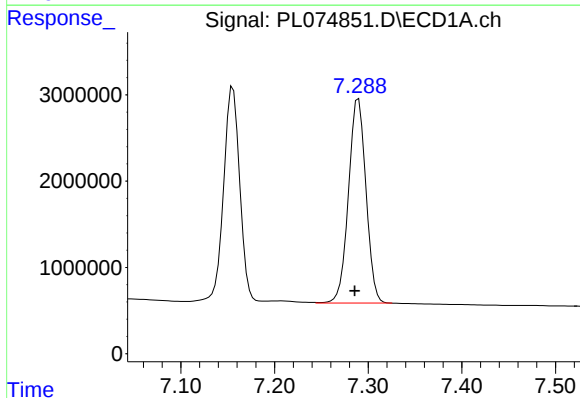
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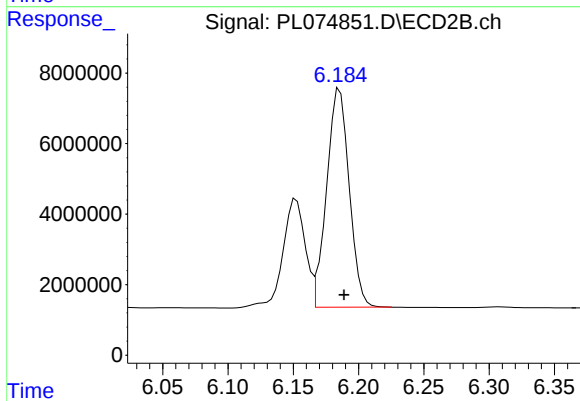
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 78660935
Conc: 47.60 ng/ml



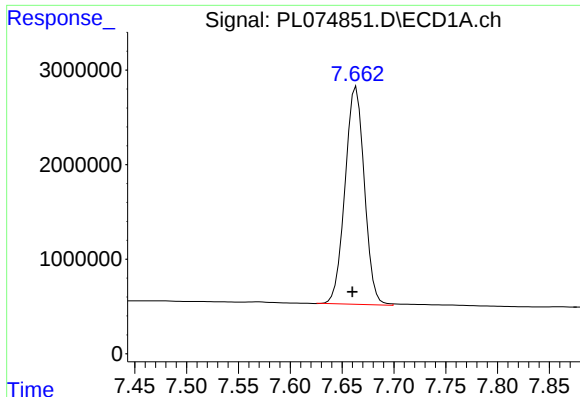
#4 Heptachlor

R.T.: 7.288 min
Delta R.T.: 0.003 min
Response: 30715195
Conc: 47.59 ng/ml m



#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 74540045
Conc: 49.11 ng/ml



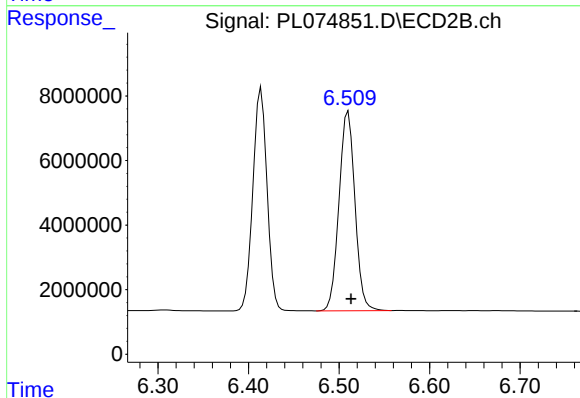
#5 Aldrin

R.T.: 7.662 min
Delta R.T.: 0.003 min
Response: 29775875
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

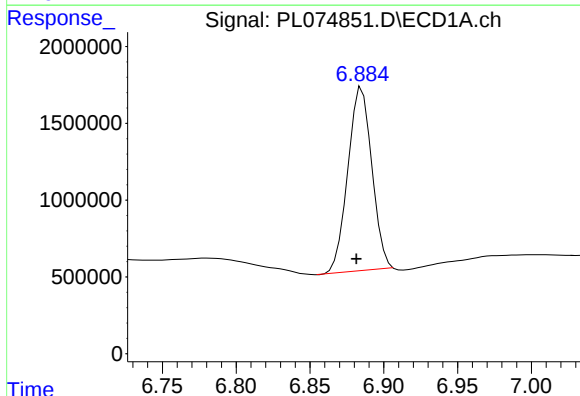
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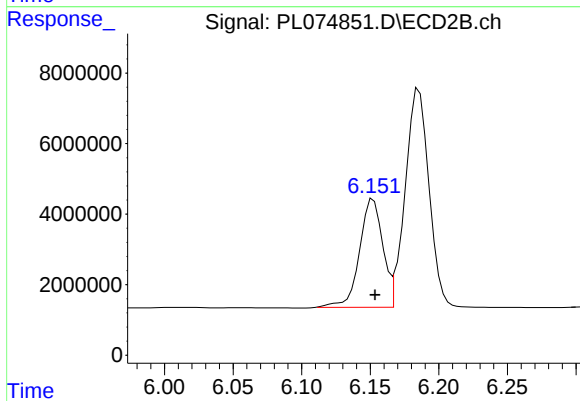
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 75571769
Conc: 50.37 ng/ml



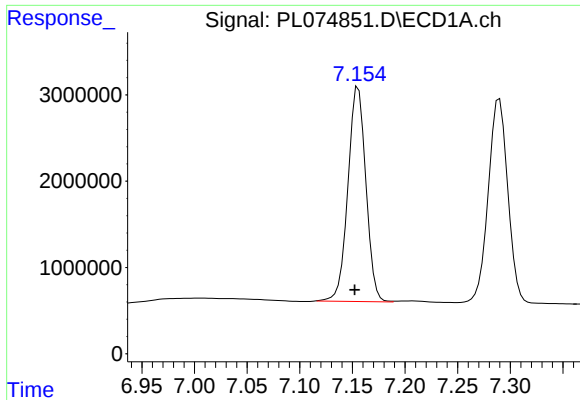
#6 beta-BHC

R.T.: 6.885 min
Delta R.T.: 0.004 min
Response: 13548329
Conc: 45.40 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 36117564
Conc: 45.49 ng/ml



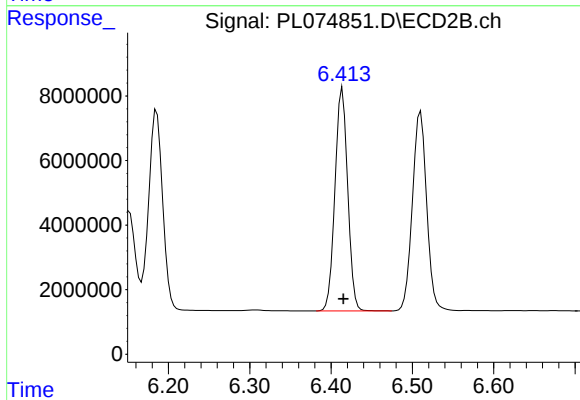
#7 delta-BHC

R.T.: 7.156 min
Delta R.T.: 0.003 min
Response: 29667262
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

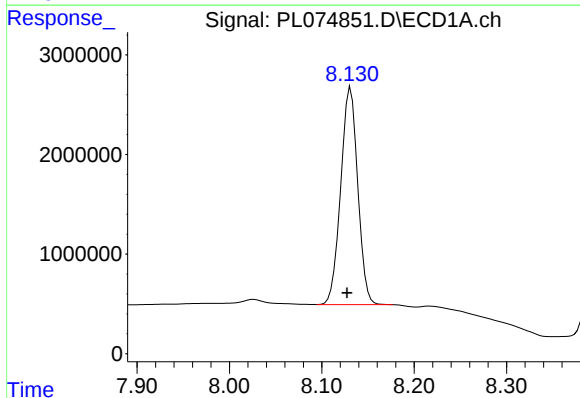
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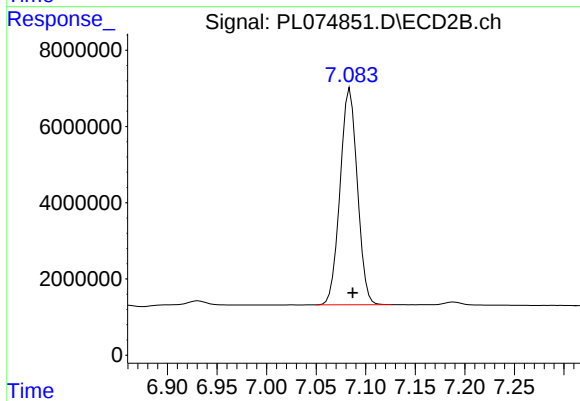
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 74975887
Conc: 47.95 ng/ml



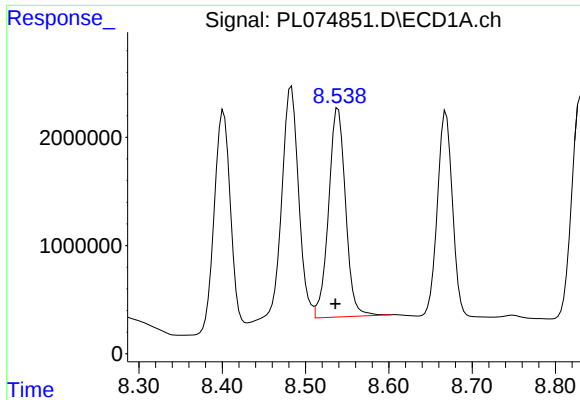
#8 Heptachlor epoxide

R.T.: 8.131 min
Delta R.T.: 0.004 min
Response: 27887759
Conc: 49.03 ng/ml



#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 68843564
Conc: 49.46 ng/ml



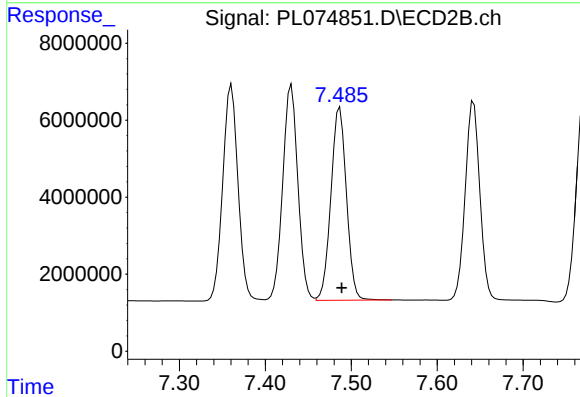
#9 Endosulfan I

R.T.: 8.539 min
Delta R.T.: 0.003 min
Response: 27444355
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

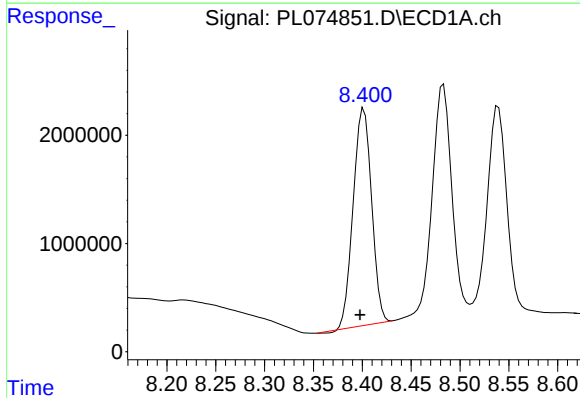
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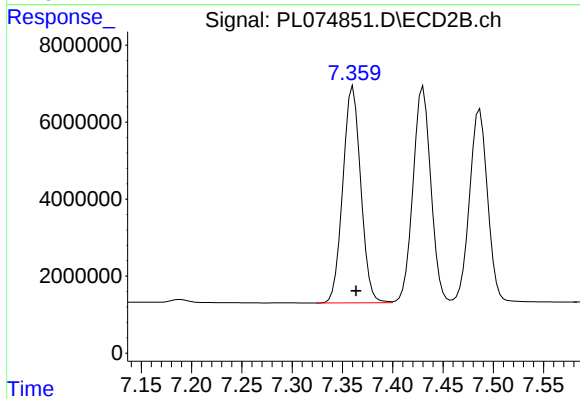
#9 Endosulfan I

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 62632827
Conc: 50.06 ng/ml



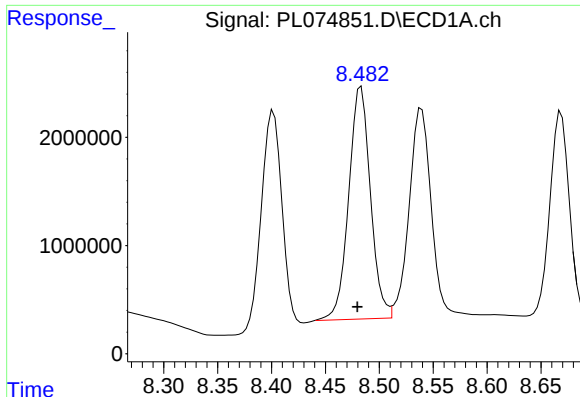
#10 gamma-Chlordane

R.T.: 8.402 min
Delta R.T.: 0.004 min
Response: 26234685
Conc: 50.72 ng/ml



#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.003 min
Response: 69521550
Conc: 50.17 ng/ml



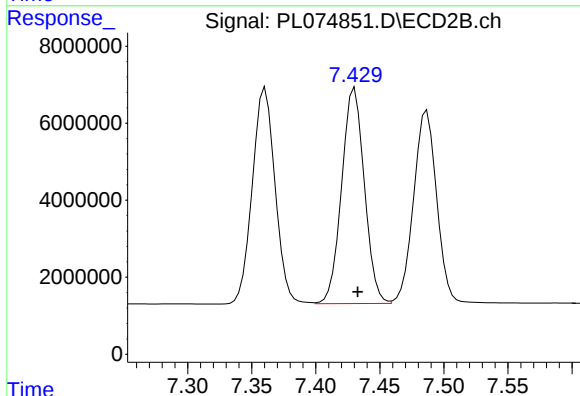
#11 alpha-Chlordane

R.T.: 8.483 min
Delta R.T.: 0.003 min
Response: 30156991
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

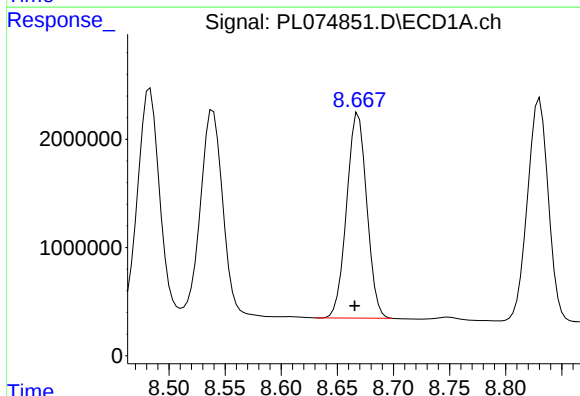
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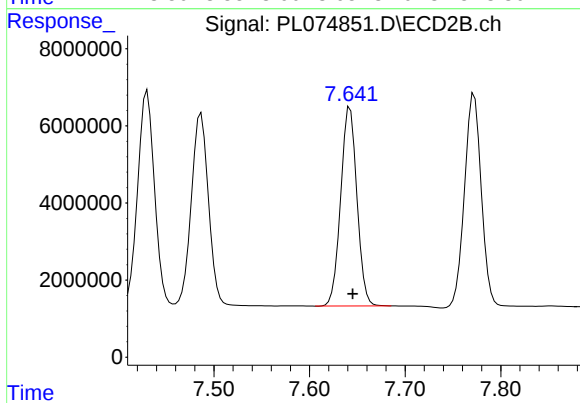
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: -0.002 min
Response: 68961875
Conc: 51.01 ng/ml



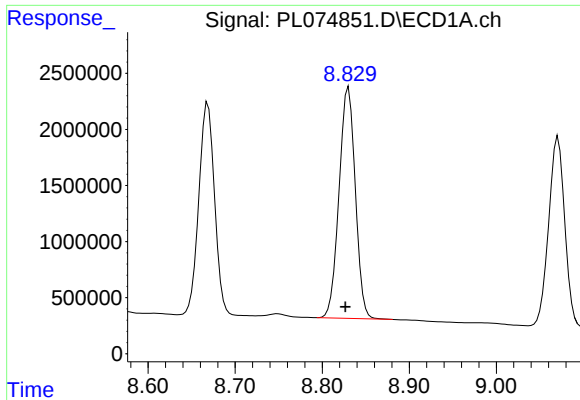
#12 4,4'-DDE

R.T.: 8.669 min
Delta R.T.: 0.003 min
Response: 23648536
Conc: 51.08 ng/ml



#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 61140922
Conc: 51.96 ng/ml



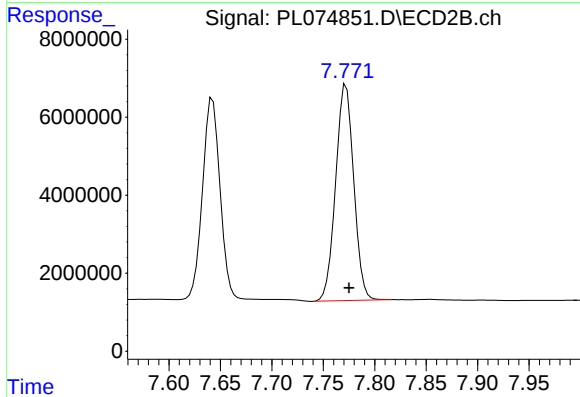
#13 Dieldrin

R.T.: 8.830 min
Delta R.T.: 0.004 min
Response: 26727867
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

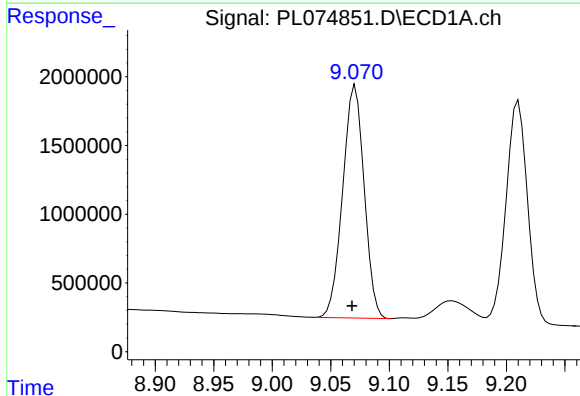
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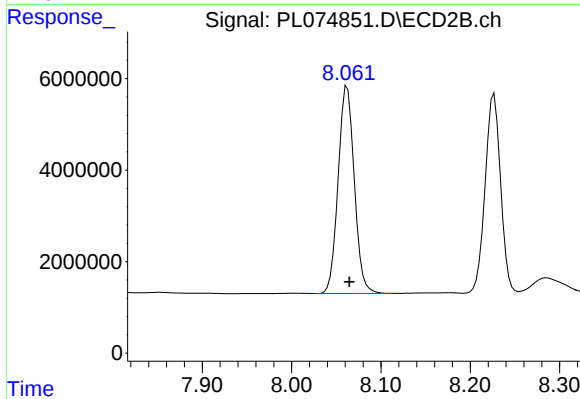
#13 Dieldrin

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 67851480
Conc: 53.26 ng/ml



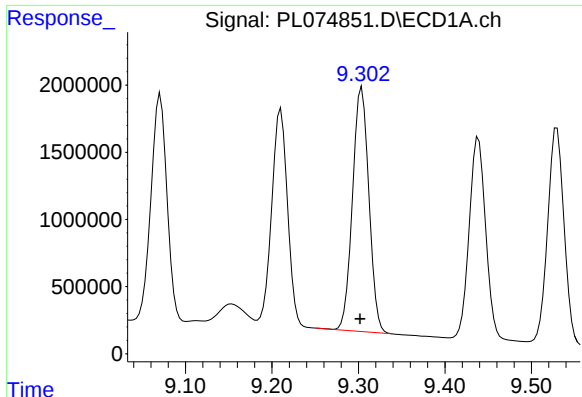
#14 Endrin

R.T.: 9.071 min
Delta R.T.: 0.003 min
Response: 21613393
Conc: 52.38 ng/ml



#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 56942178
Conc: 53.91 ng/ml



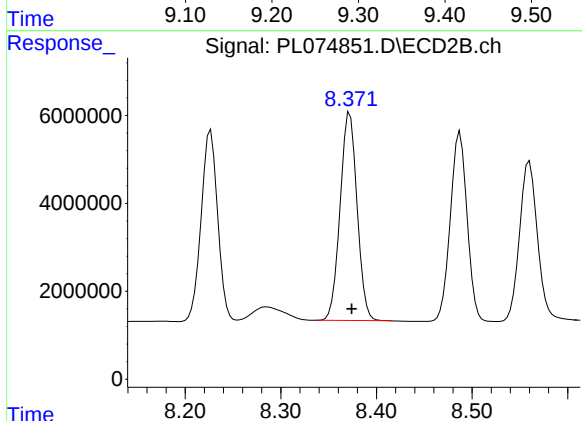
#15 Endosulfan II

R.T.: 9.304 min
Delta R.T.: 0.002 min
Response: 23885274
Conc: 54.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

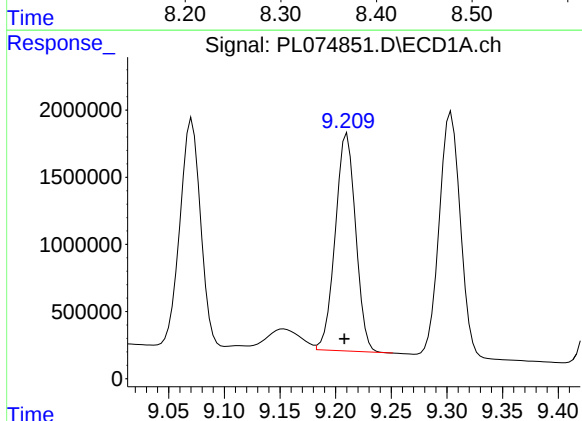
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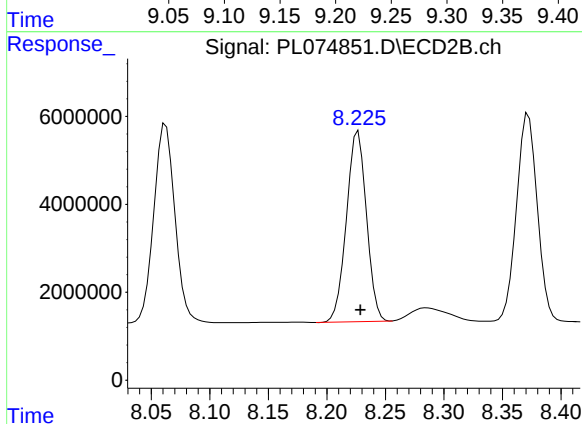
#15 Endosulfan II

R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 58404958
Conc: 51.70 ng/ml



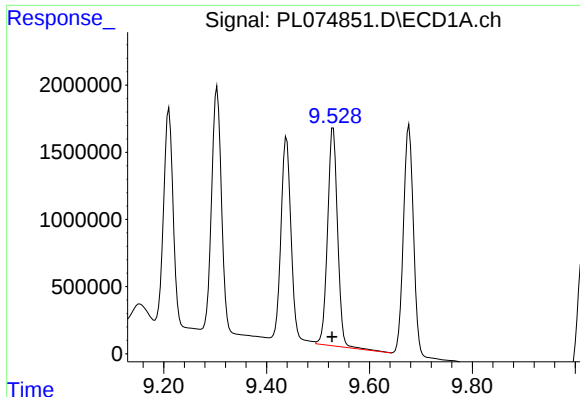
#16 4,4'-DDD

R.T.: 9.210 min
Delta R.T.: 0.003 min
Response: 20597871
Conc: 45.56 ng/ml



#16 4,4'-DDD

R.T.: 8.227 min
Delta R.T.: -0.002 min
Response: 51588215
Conc: 52.37 ng/ml



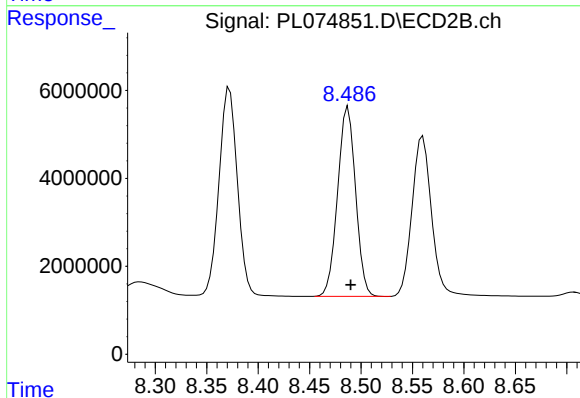
#17 4,4'-DDT

R.T.: 9.529 min
Delta R.T.: 0.002 min
Response: 22103521
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

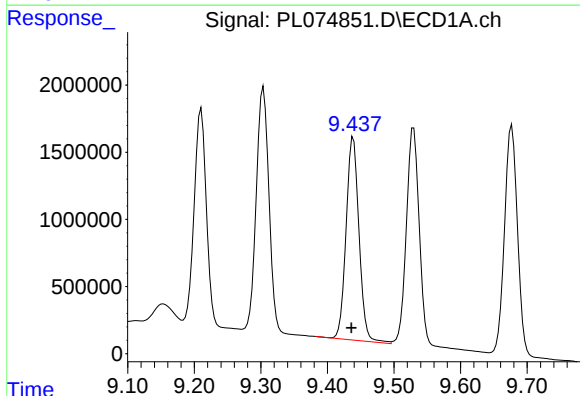
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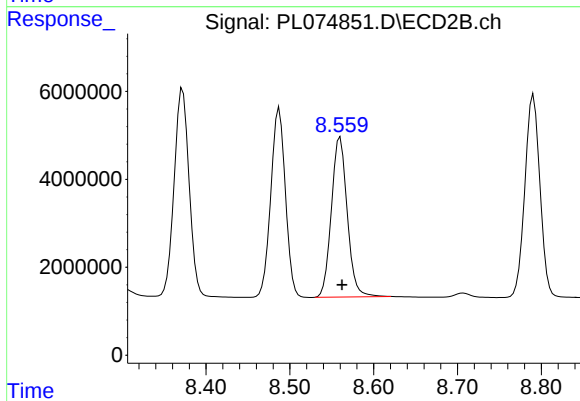
#17 4,4'-DDT

R.T.: 8.488 min
Delta R.T.: -0.003 min
Response: 52303349
Conc: 52.28 ng/ml



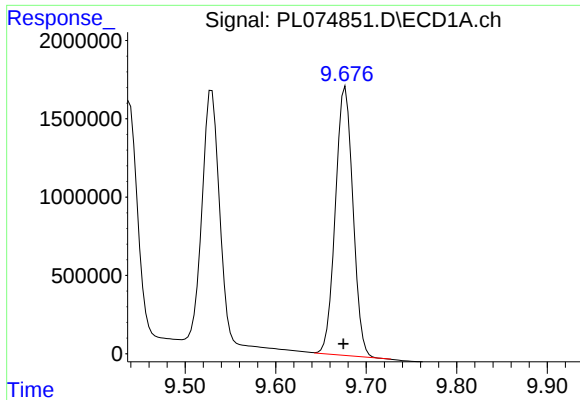
#18 Endrin aldehyde

R.T.: 9.439 min
Delta R.T.: 0.003 min
Response: 20439393
Conc: 57.75 ng/ml



#18 Endrin aldehyde

R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 47778374
Conc: 59.82 ng/ml



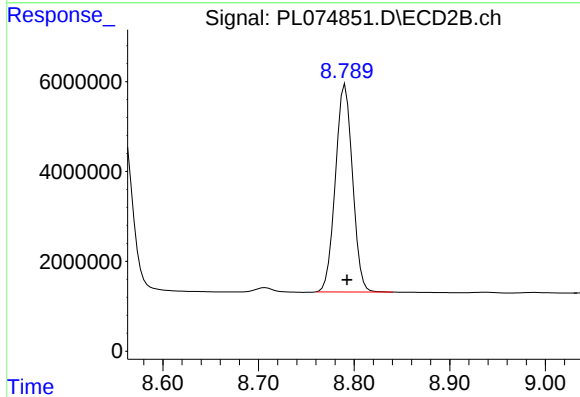
#19 Endosulfan Sulfate

R.T.: 9.677 min
Delta R.T.: 0.002 min
Response: 22976950
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

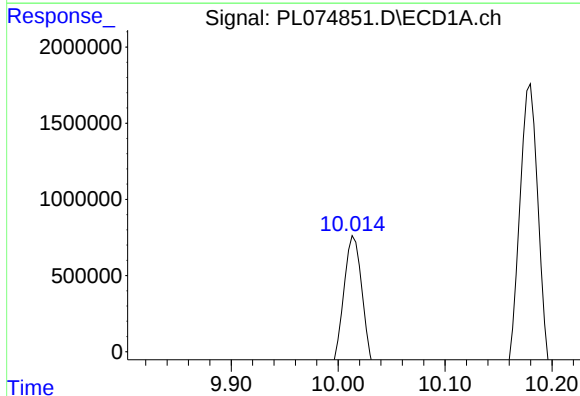
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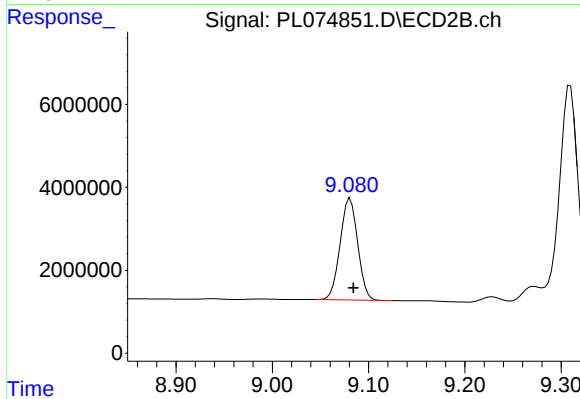
#19 Endosulfan Sulfate

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 57395510
Conc: 52.73 ng/ml



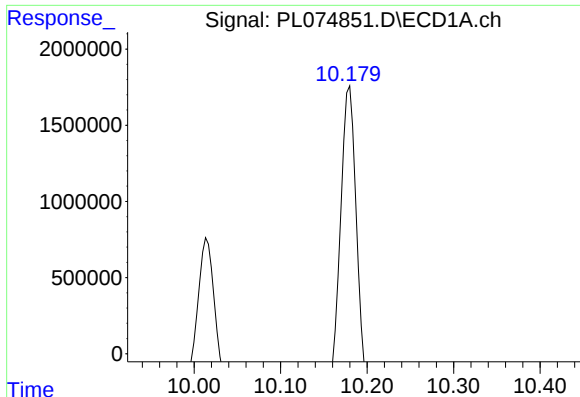
#20 Methoxychlor

R.T.: 10.015 min
Delta R.T.: 0.002 min
Response: 12575704
Conc: 51.35 ng/ml



#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.003 min
Response: 30962254
Conc: 52.98 ng/ml



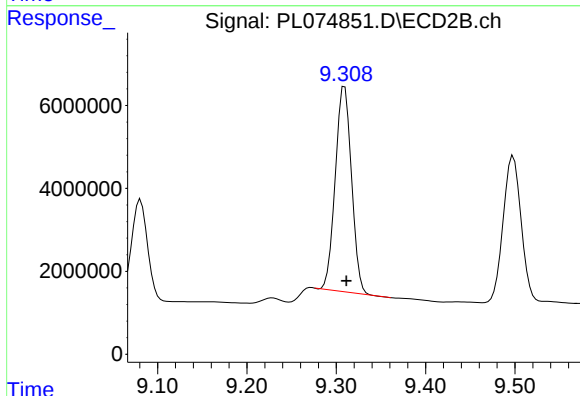
#21 Endrin ketone

R.T.: 10.180 min
Delta R.T.: 0.003 min
Response: 26905612
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

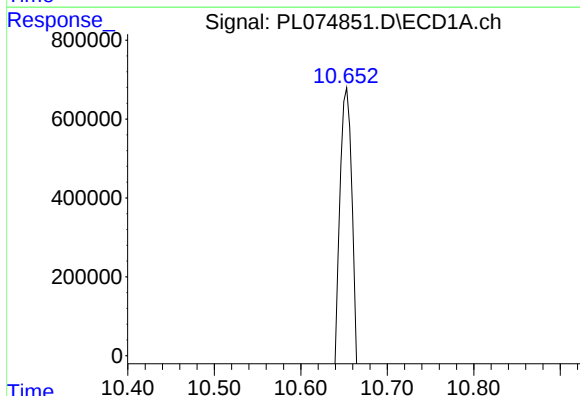
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Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



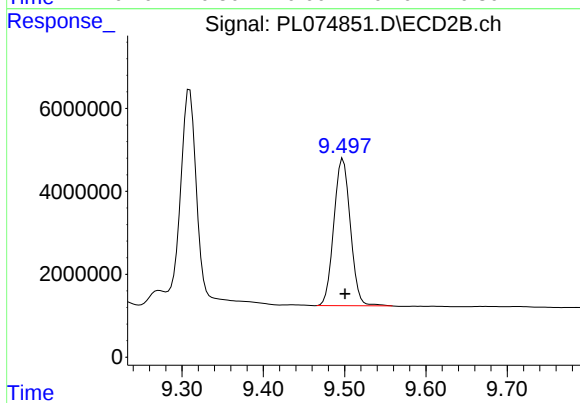
#21 Endrin ketone

R.T.: 9.309 min
Delta R.T.: -0.002 min
Response: 62219660
Conc: 55.81 ng/ml



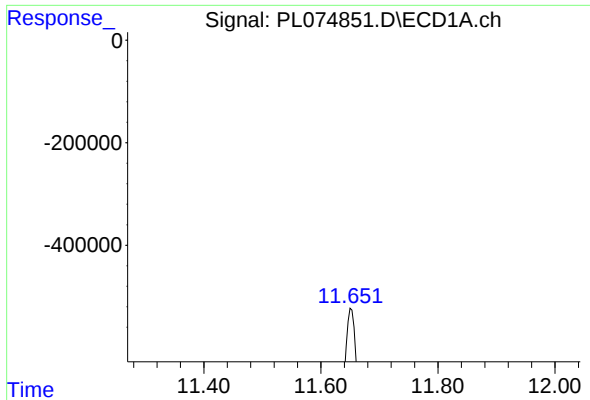
#22 Mirex

R.T.: 10.654 min
Delta R.T.: 0.002 min
Response: 20293286
Conc: 50.29 ng/ml



#22 Mirex

R.T.: 9.498 min
Delta R.T.: -0.002 min
Response: 50200330
Conc: 51.83 ng/ml



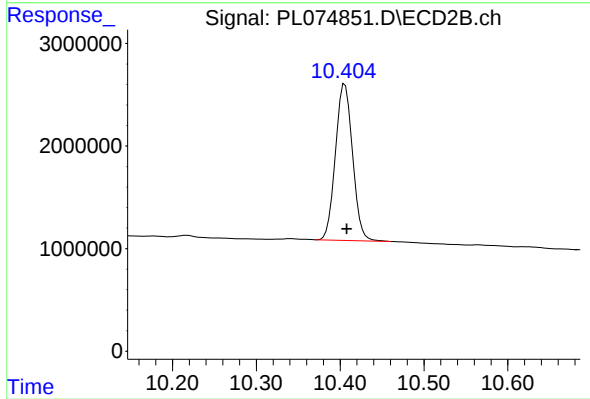
#28 Decachlorobiphenyl

R.T.: 11.652 min
Delta R.T.: 0.001 min
Response: 8746806
Conc: 19.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144943BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.002 min
Response: 21620496
Conc: 21.06 ng/ml