

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2022 01:50
 Operator : AR\AJ
 Sample : N1994-05MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-02-COMPMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2022
 Supervised By : mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 02:54:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.642	5.492	5039005	26934685	15.733	16.411
28)	SA Decachlor...	10.417	11.332	7880403	27725545	15.497	15.505
Target Compounds							
2)	A alpha-BHC	5.350	6.055	20663568	125.8E6	50.130	55.910
3)	MA gamma-BHC...	5.774	6.444	20688470	118.3E6	49.596	55.428
4)	MA Heptachlor	6.185	7.103	22432918	129.4E6	49.718	55.236
5)	MB Aldrin	6.511	7.471	20800571	119.1E6	50.344	56.835
6)	B beta-BHC	6.154	6.680	10259580	53346691	49.829	51.178
7)	B delta-BHC	6.416	6.948	20357833	118.0E6	50.686	54.780
8)	B Heptachlo...	7.088	7.927	21470545	111.2E6	49.818	55.680
9)	A Endosulfan I	7.491	8.327	20535636	102.5E6	50.060	56.130
10)	B gamma-Chl...	7.366	8.195	21747412	113.1E6	49.731	55.377
11)	B alpha-Chl...	7.435	8.278	22003059	110.9E6	49.788	55.444
12)	B 4,4'-DDE	7.649	8.462	27127671	151.8E6	75.599	84.675
13)	MA Dieldrin	7.778	8.612	21582586	105.7E6	51.804	57.321
14)	MA Endrin	8.069	8.847	19809159	83060396	51.054	53.956
15)	B Endosulfa...	8.379	9.070	19467139	81839913	49.804	53.287
16)	A 4,4'-DDD	8.235	8.989	16190270	80530066	49.856	55.168
17)	MA 4,4'-DDT	8.496	9.307	20481999	93709748	54.159	57.331
18)	B Endrin al...	8.568	9.201	15938485	64985805	50.399	52.993m
19)	B Endosulfa...	8.799	9.440	20772815	83662998	49.175	53.083
20)	A Methoxychlor	9.092	9.787	12330342	45143098	48.065	50.099
21)	B Endrin ke...	9.318	9.928	24814382	87402863	50.722	52.952
22)	Mirex	9.507	10.405	25529503	80418223	54.138	59.198

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073497.D
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 Acq On : 19 Mar 2022 01:50
 Operator : AR\AJ
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 ALS Vial : 35 Sample Multiplier: 1

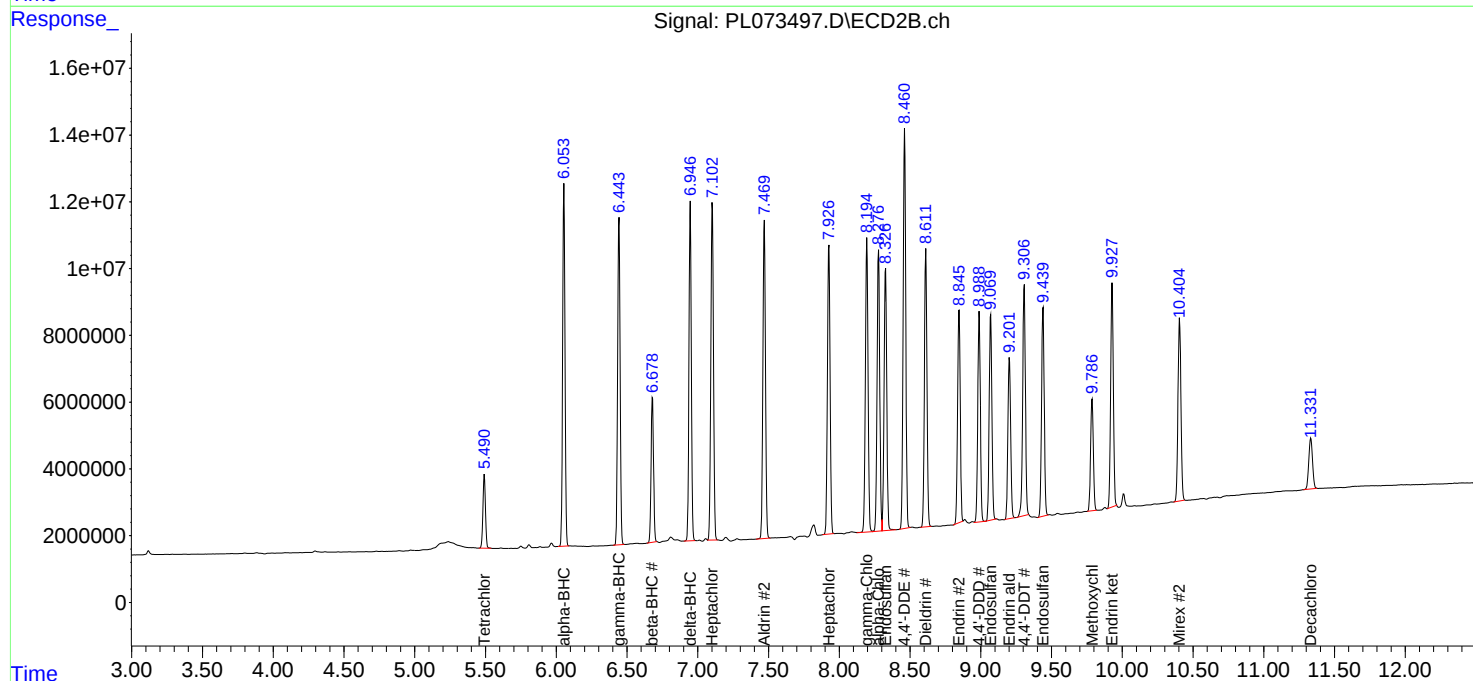
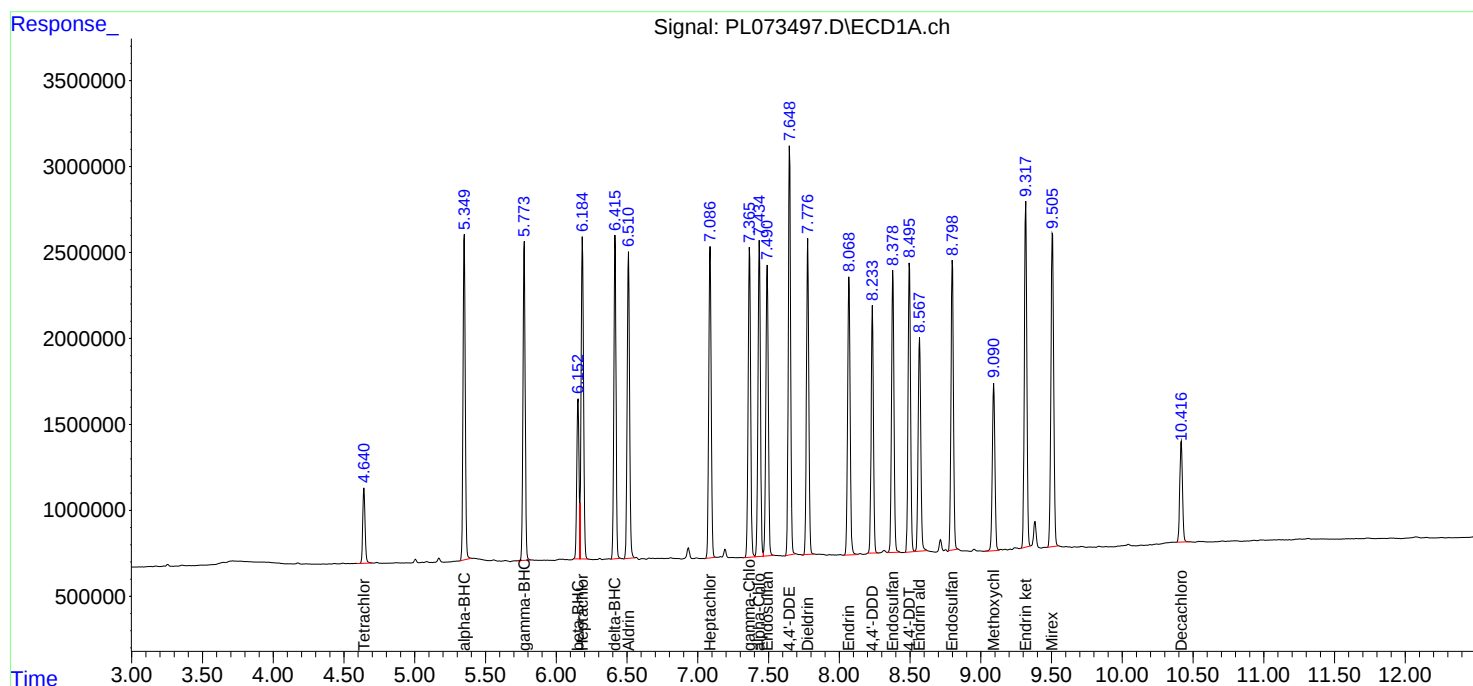
Instrument :
 ECD_L
 ClientSampleId :
 SB-02-COMPMS

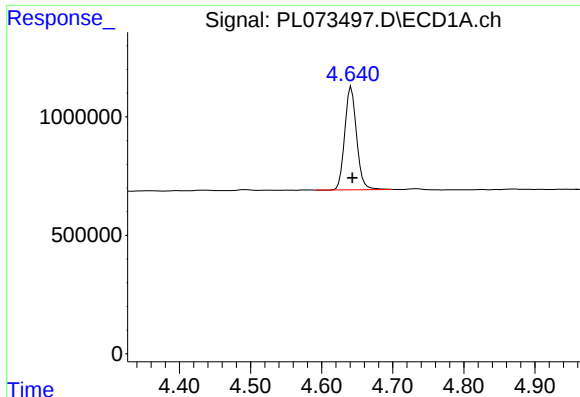
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 02:54:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
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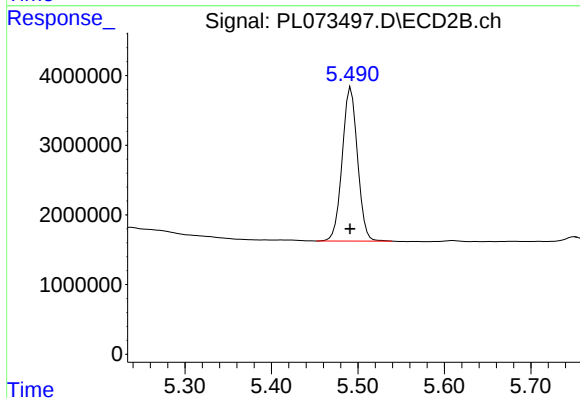
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 5039005
Conc: 15.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

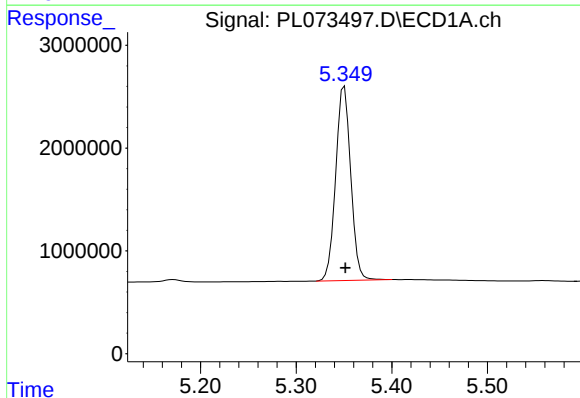
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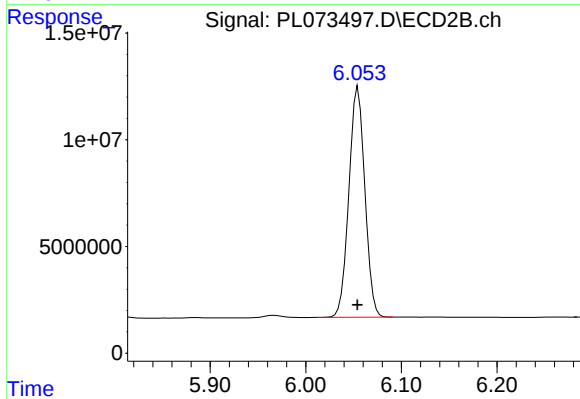
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 26934685
Conc: 16.41 ng/ml



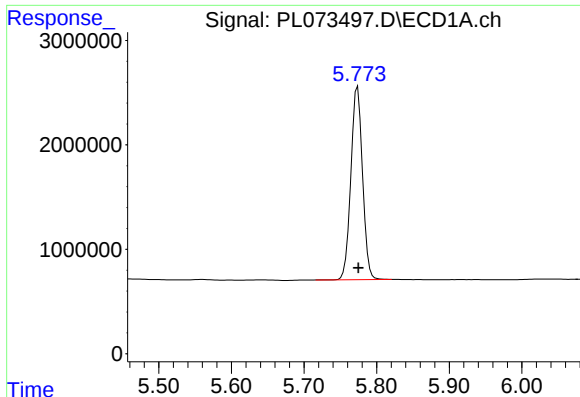
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 20663568
Conc: 50.13 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 125778092
Conc: 55.91 ng/ml



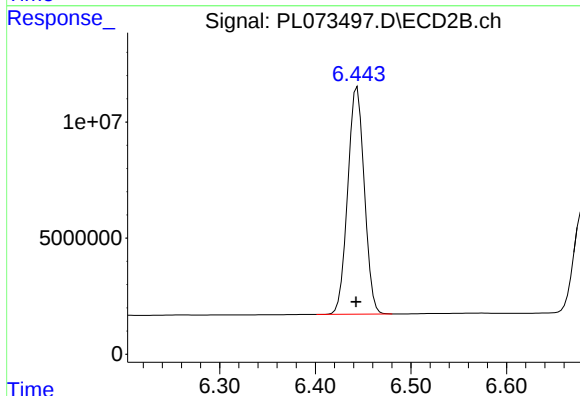
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 20688470
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

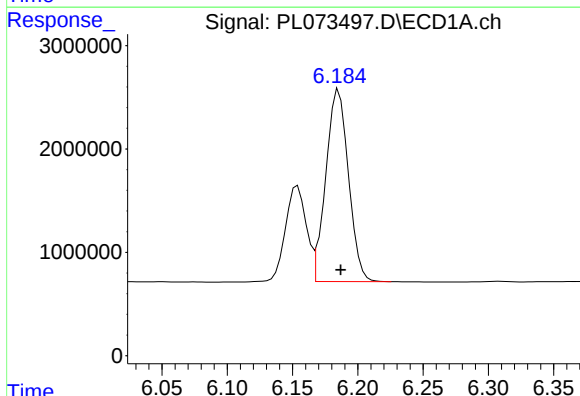
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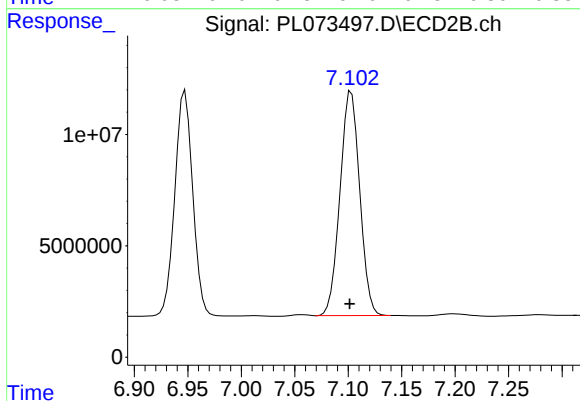
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 118344353
Conc: 55.43 ng/ml



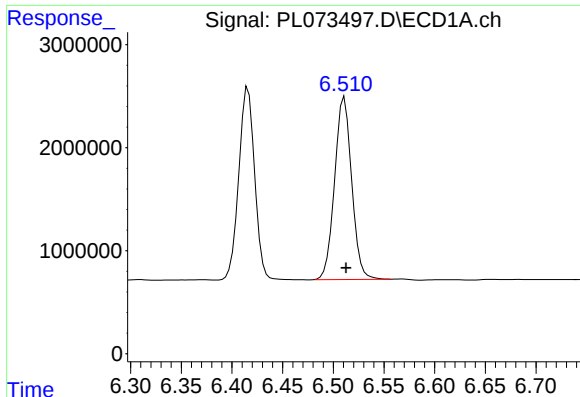
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 22432918
Conc: 49.72 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 129423928
Conc: 55.24 ng/ml



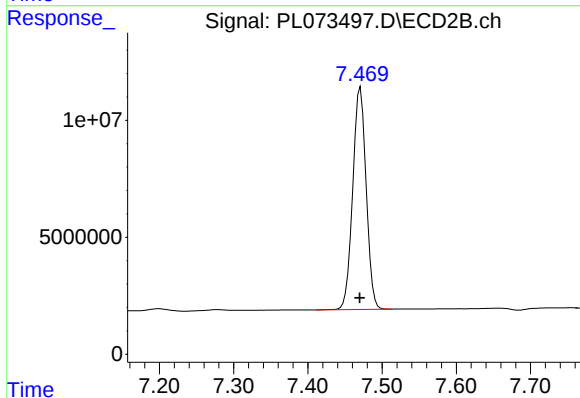
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 20800571
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

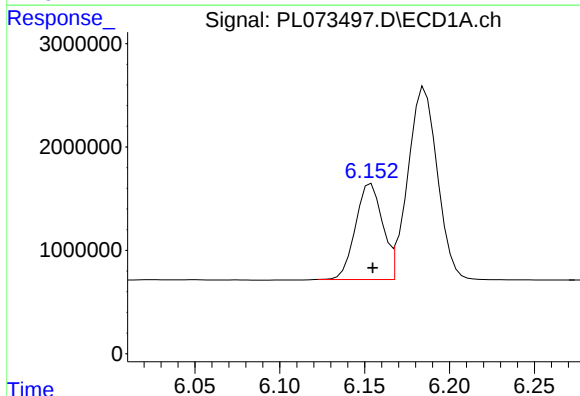
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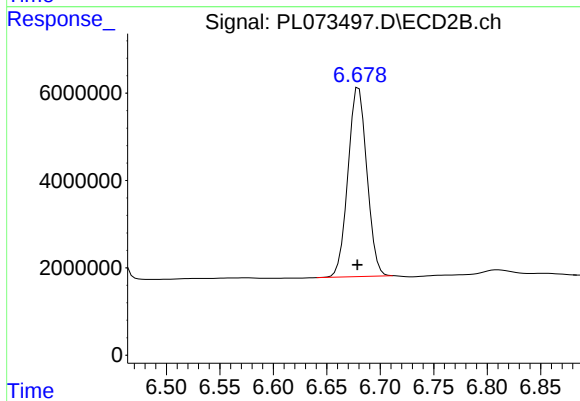
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 119068058
Conc: 56.83 ng/ml



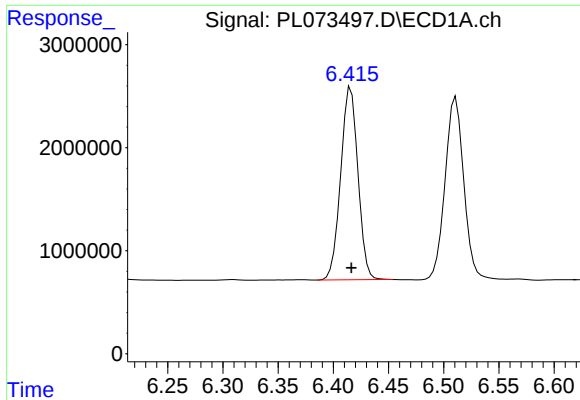
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 10259580
Conc: 49.83 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 53346691
Conc: 51.18 ng/ml



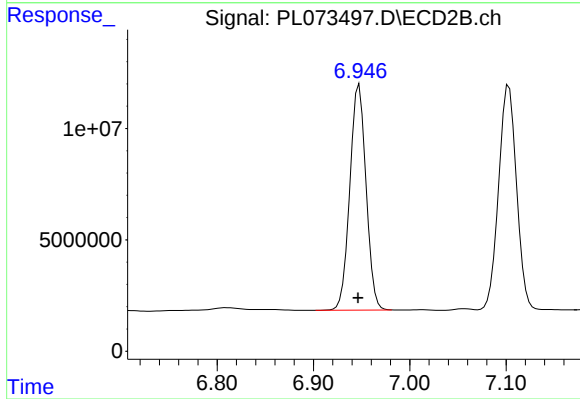
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 20357833
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

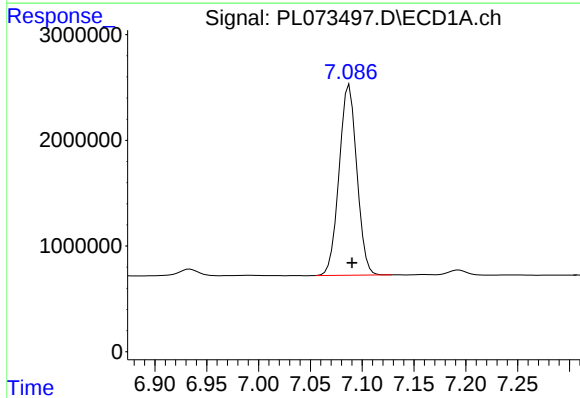
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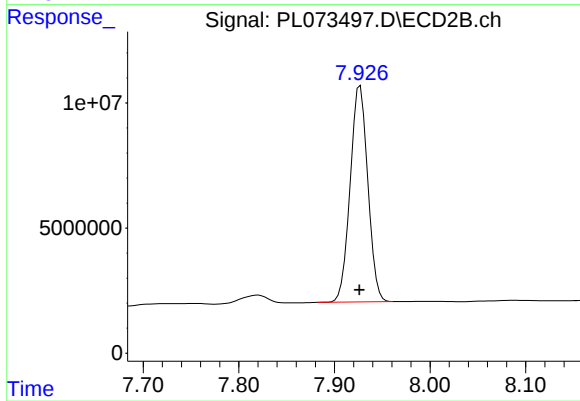
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.001 min
Response: 117971020
Conc: 54.78 ng/ml



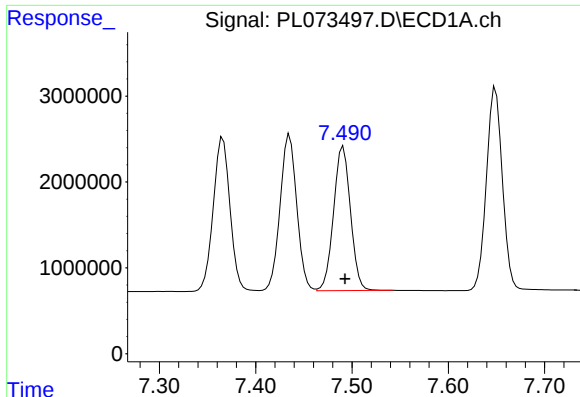
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 21470545
Conc: 49.82 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 111209364
Conc: 55.68 ng/ml



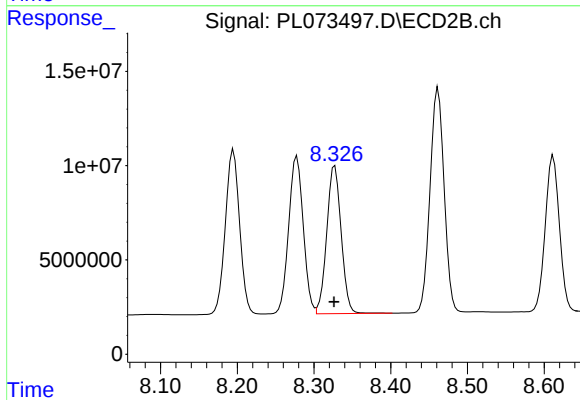
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 20535636
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

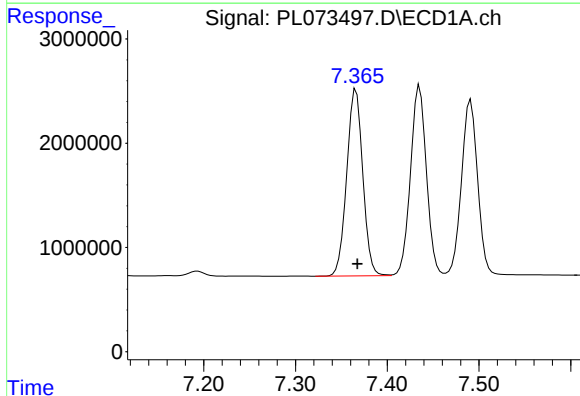
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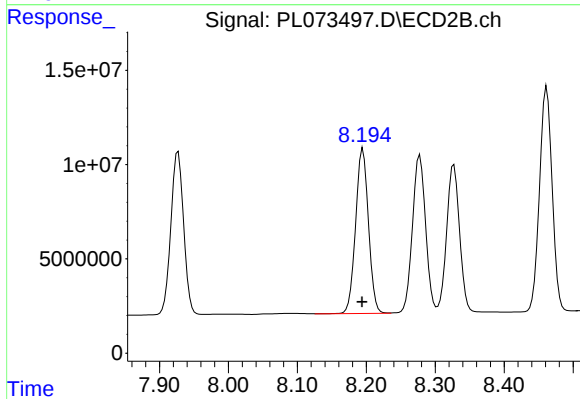
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 102459669
Conc: 56.13 ng/ml



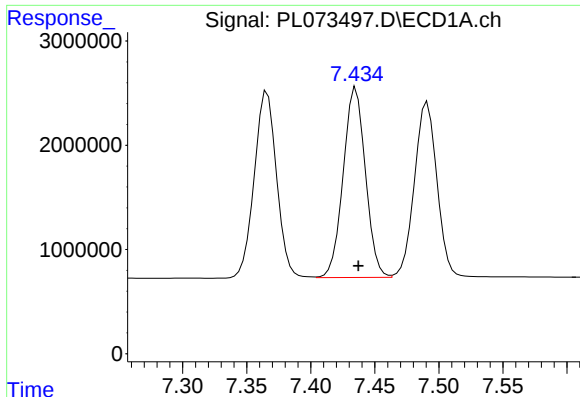
#10 gamma-Chlordane

R.T.: 7.366 min
Delta R.T.: -0.002 min
Response: 21747412
Conc: 49.73 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 113103409
Conc: 55.38 ng/ml



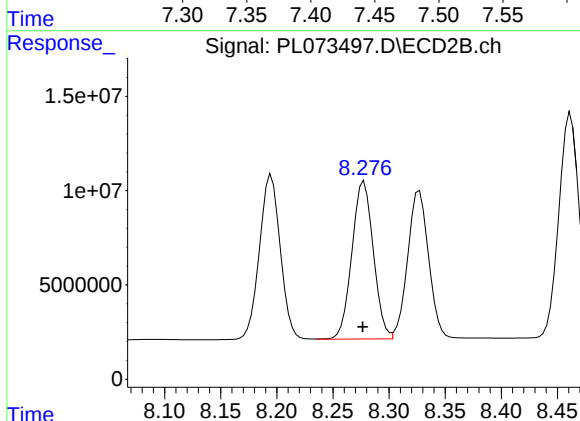
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 22003059
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

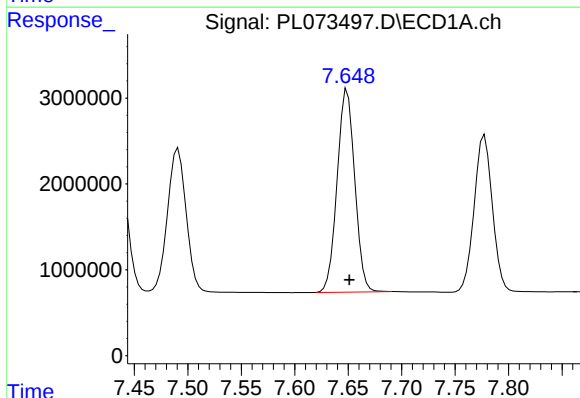
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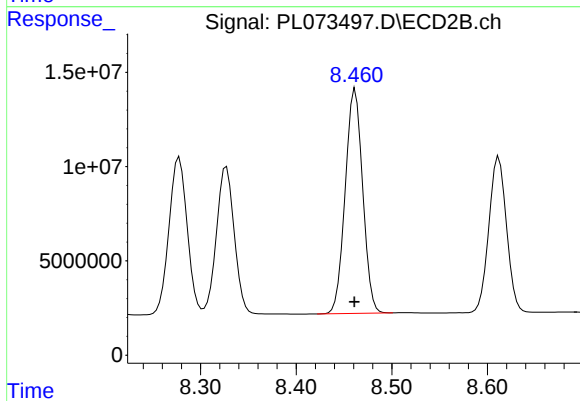
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 110888483
Conc: 55.44 ng/ml



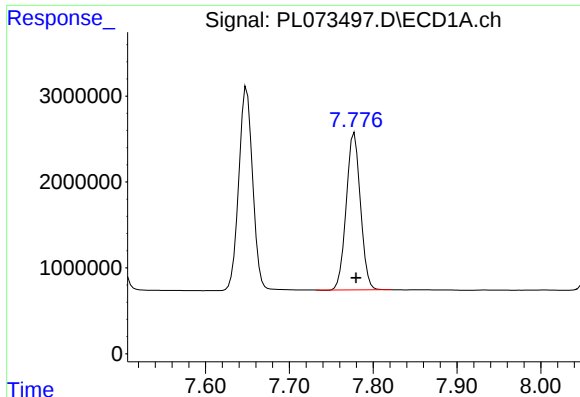
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 27127671
Conc: 75.60 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 151768819
Conc: 84.67 ng/ml



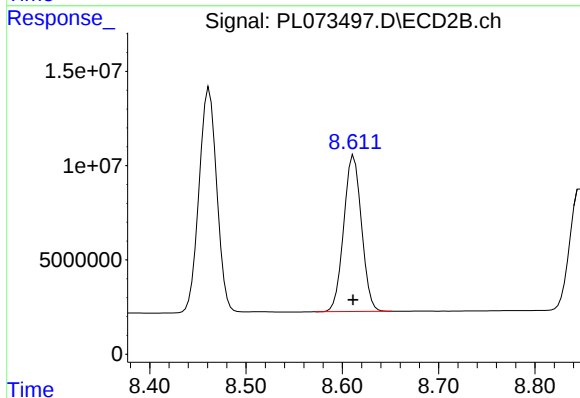
#13 Dieldrin

R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 21582586
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

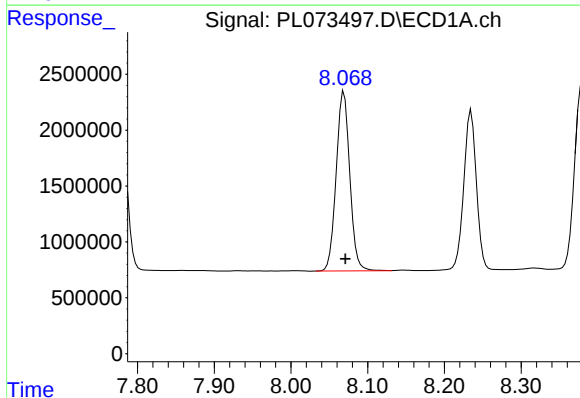
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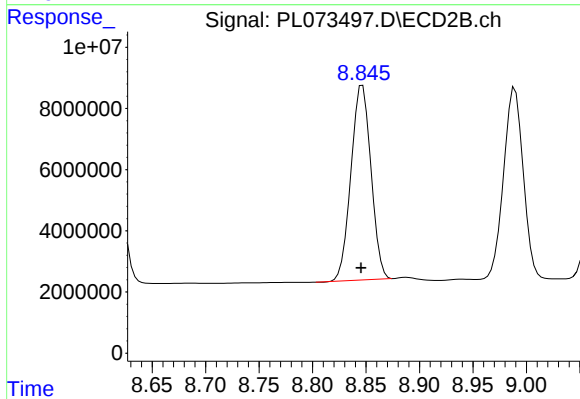
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 105741677
Conc: 57.32 ng/ml



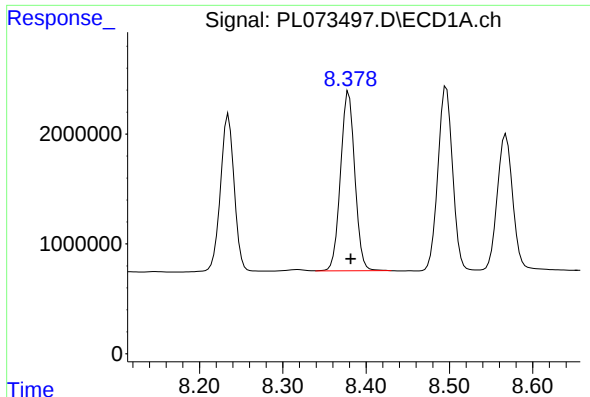
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 19809159
Conc: 51.05 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 83060396
Conc: 53.96 ng/ml



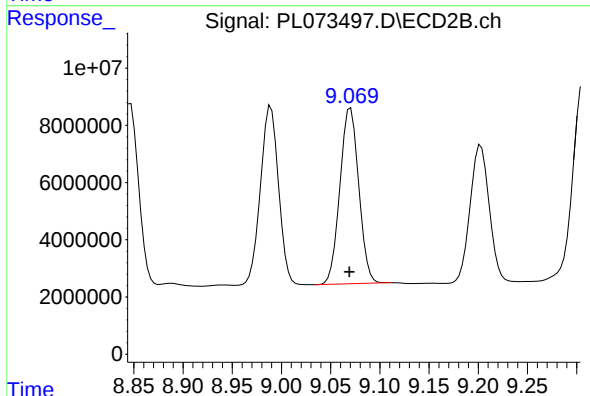
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 19467139
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

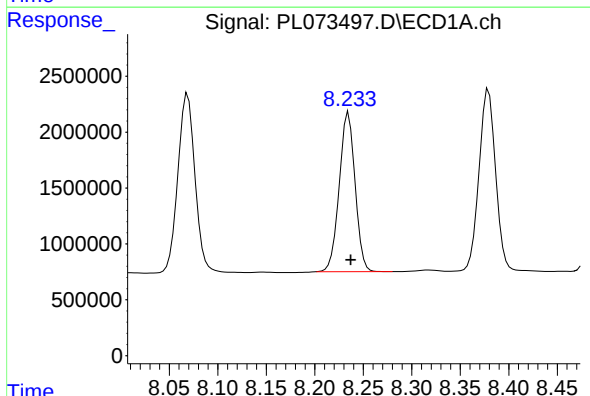
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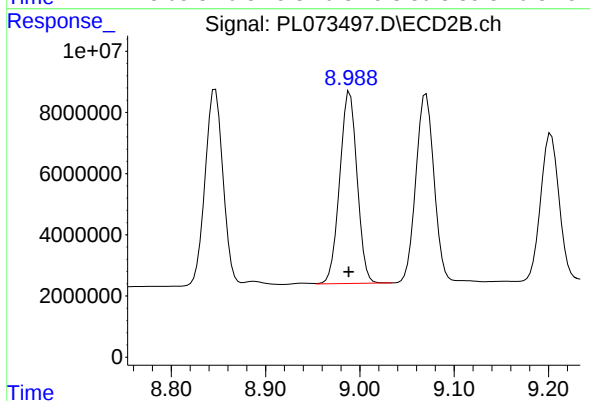
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 81839913
Conc: 53.29 ng/ml



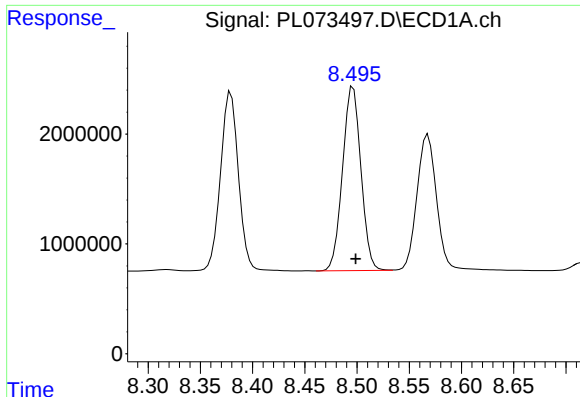
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 16190270
Conc: 49.86 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.001 min
Response: 80530066
Conc: 55.17 ng/ml



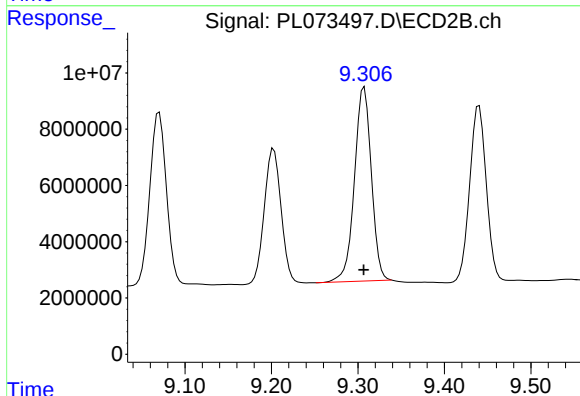
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 20481999
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

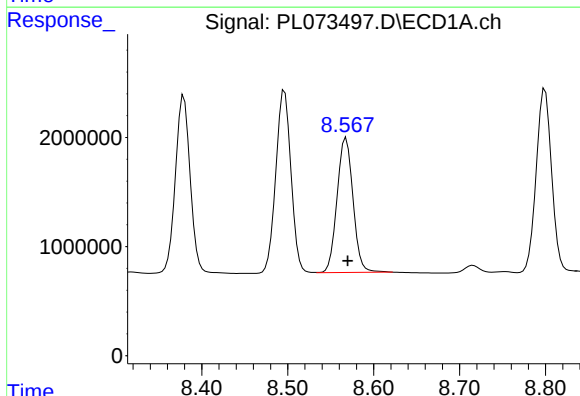
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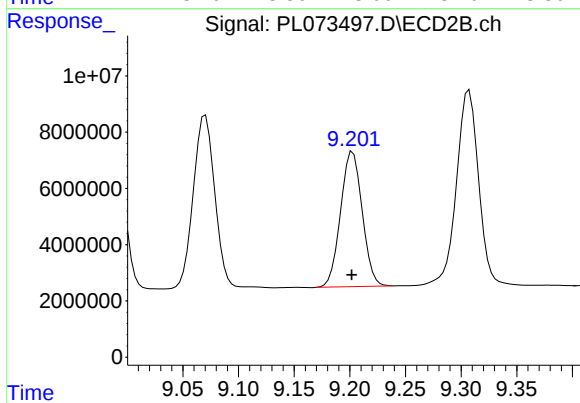
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 93709748
Conc: 57.33 ng/ml



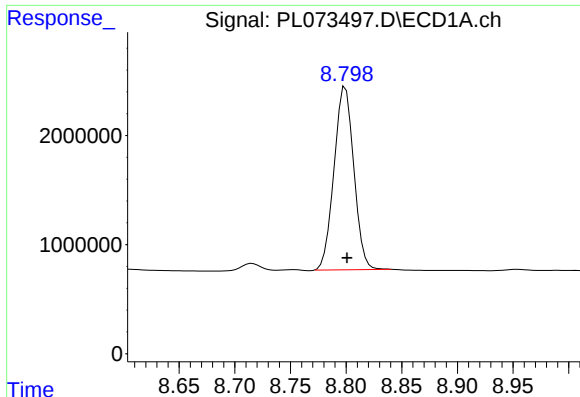
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 15938485
Conc: 50.40 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 64985805
Conc: 52.99 ng/ml m



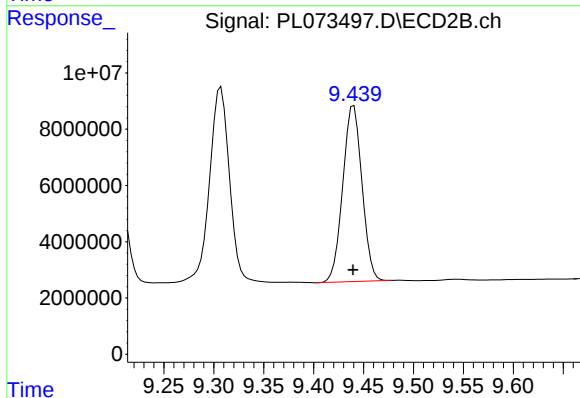
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 20772815
Conc: 49.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

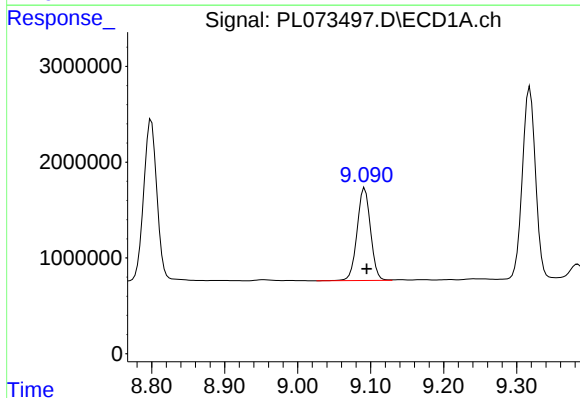
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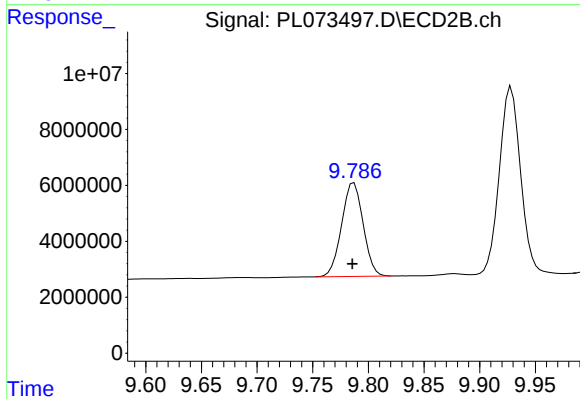
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 83662998
Conc: 53.08 ng/ml



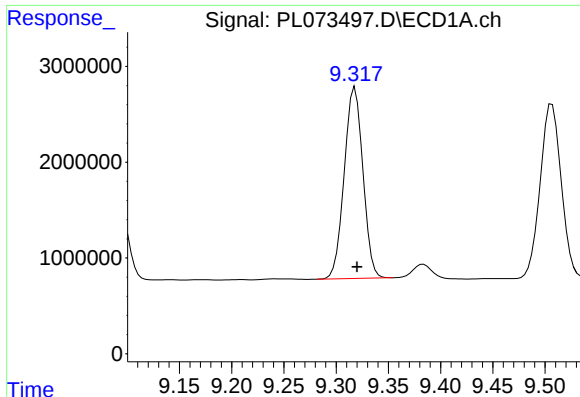
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 12330342
Conc: 48.07 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 45143098
Conc: 50.10 ng/ml



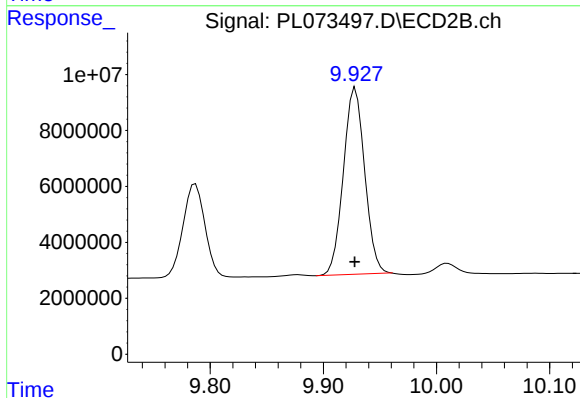
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 24814382
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

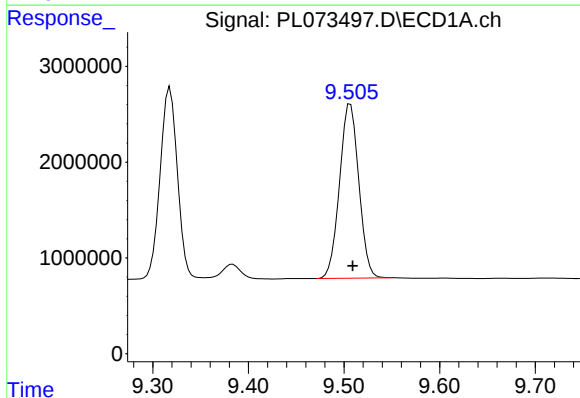
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APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



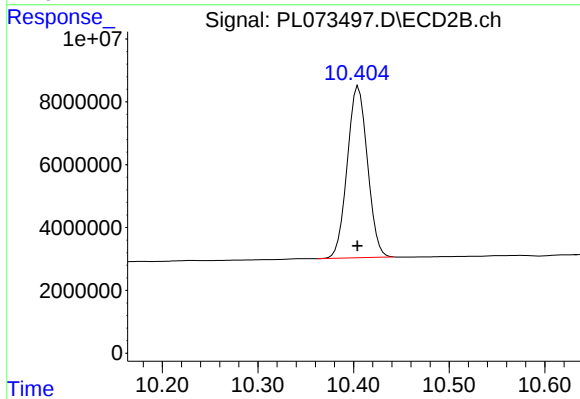
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 87402863
Conc: 52.95 ng/ml



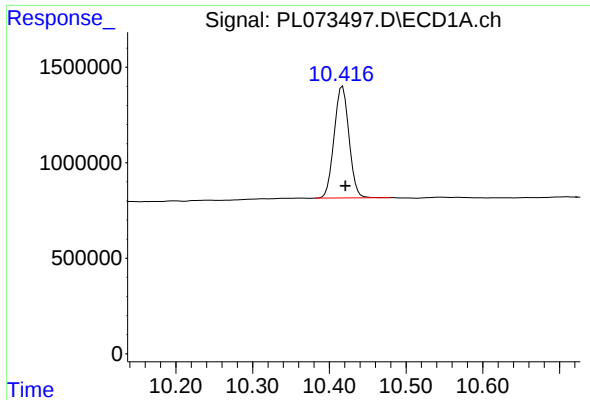
#22 Mirex

R.T.: 9.507 min
Delta R.T.: -0.003 min
Response: 25529503
Conc: 54.14 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.001 min
Response: 80418223
Conc: 59.20 ng/ml



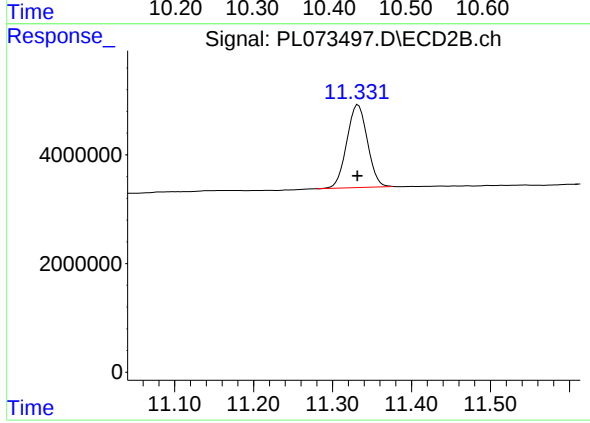
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 7880403
Conc: 15.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-02-COMPMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.001 min
Response: 27725545
Conc: 15.50 ng/ml