Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
Data File : PL073485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 19:15
Operator : AR\AJ
Sample : N1974-13MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
B-3MS

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 19 01:13:29 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	5545971	32885820	17.316	20.037
28)	SA Decachlor...	10.418	11.331	9408384	33547741	18.502	18.761
	Target Compounds						
2)	A alpha-BHC	5.351	6.055	21204322	134.1E6	51.441	59.624
3)	MA gamma-BHC...	5.774	6.444	21228079	124.9E6	50.890	58.498
4)	MA Heptachlor	6.186	7.103	22681049	135.4E6	50.268	57.780
5)	MB Aldrin	6.510	7.471	20761021	123.4E6	50.248	58.891
6)	B beta-BHC	6.154	6.680	10204344	55891270	49.561	53.619
7)	B delta-BHC	6.415	6.947	20894474	124.7E6	52.022	57.882
8)	B Heptachlo...	7.087	7.926	21644874	115.4E6	50.223	57.760
9)	A Endosulfan I	7.491	8.327	20774235	104.5E6	50.642	57.262
10)	B gamma-Chl...	7.365	8.194	21883796	116.0E6	50.043	56.787
11)	B alpha-Chl...	7.435	8.277	22140576	114.0E6	50.099	57.000
12)	B 4,4'-DDE	7.648	8.461	18248543	104.1E6	50.855	58.075
13)	MA Dieldrin	7.777	8.612	21256607	106.0E6	51.021	57.456
14)	MA Endrin	8.068	8.846	20288466	88322836	52.289	57.374
15)	B Endosulfa...	8.378	9.070	19622415	85147463	50.201	55.441
16)	A 4,4'-DDD	8.234	8.988	16543431	82547245	50.944	56.550
17)	MA 4,4'-DDT	8.495	9.307	18878679	90035967	49.919	55.084
18)	B Endrin al...	8.567	9.201	15047062	64539087	47.580	52.629m
19)	B Endosulfa...	8.798	9.439	21143715	86651726	50.053	54.980
20)	A Methoxychlor	9.092	9.786	12326324	47045387	48.049	52.210
21)	B Endrin ke...	9.318	9.928	25278184	91135109	51.670	55.214
22)	Mirex	9.506	10.404	25516092	81825567	54.110	60.234

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
Data File : PL073485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 19:15
Operator : AR\AJ
Sample : N1974-13MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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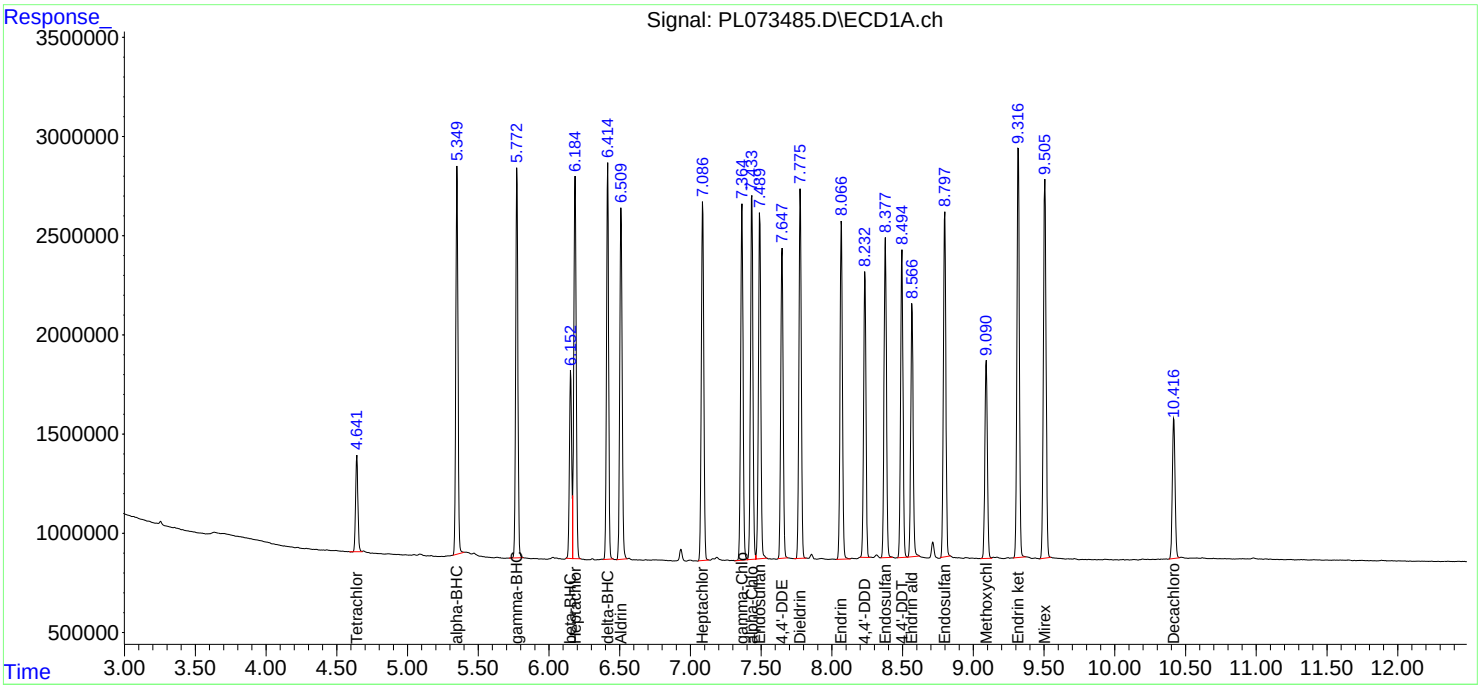
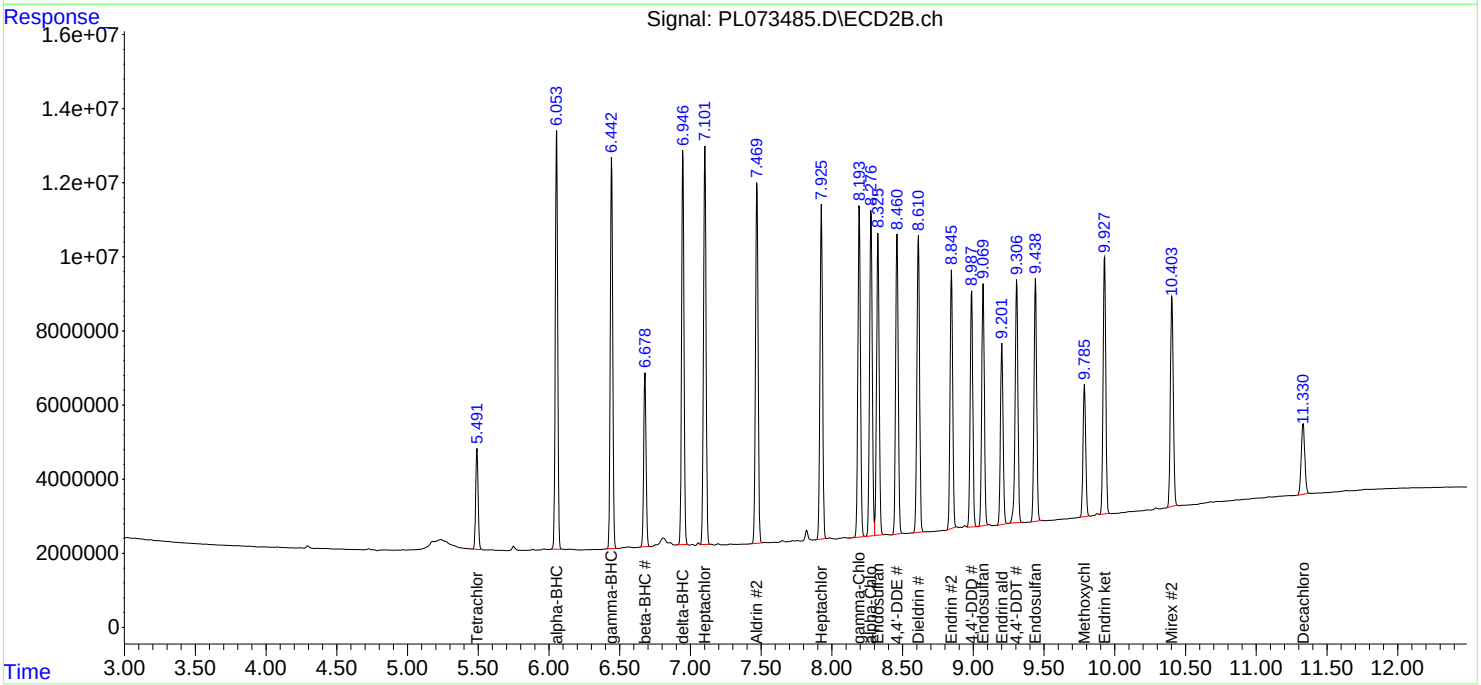
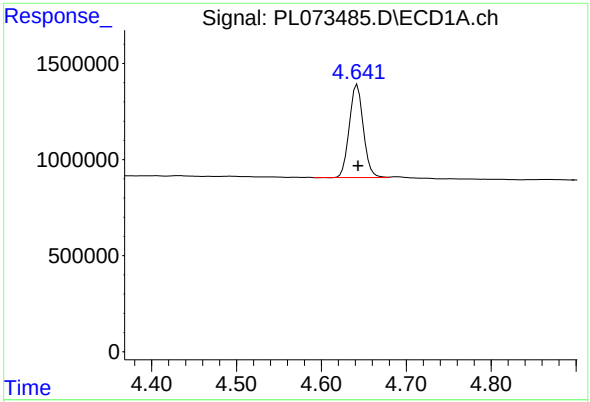
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 01:13:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 2022
Response via : Initial Calibration
Integrator: ChemStation

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







#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 5545971
Conc: 17.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MS

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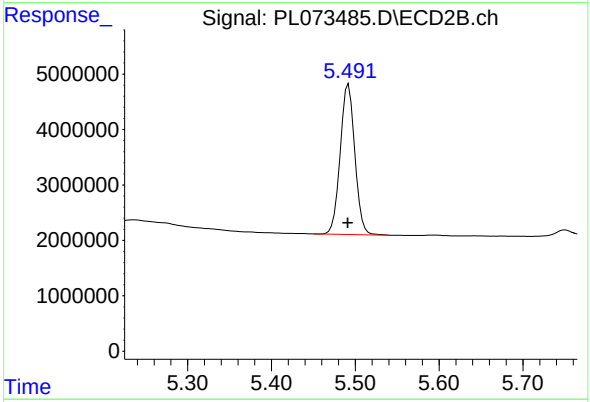
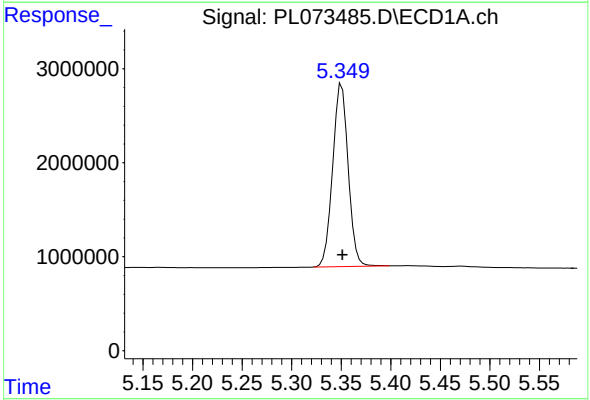


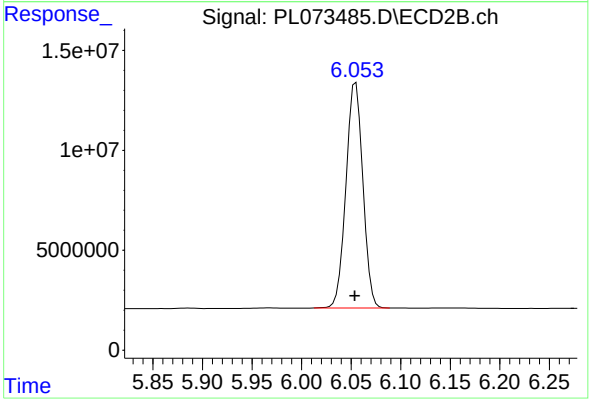
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 32885820
Conc: 20.04 ng/ml



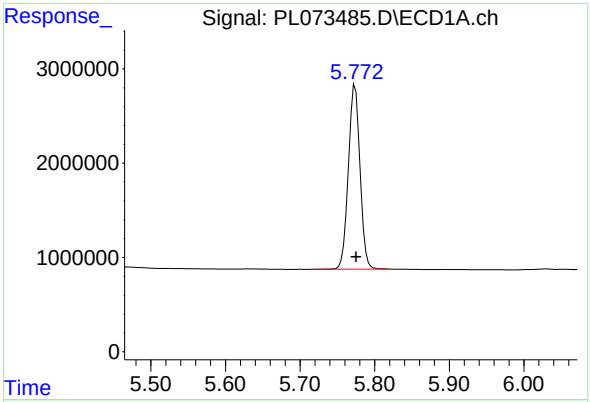
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 21204322
Conc: 51.44 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 134132064
Conc: 59.62 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 21228079
Conc: 50.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MS

Manual Integrations
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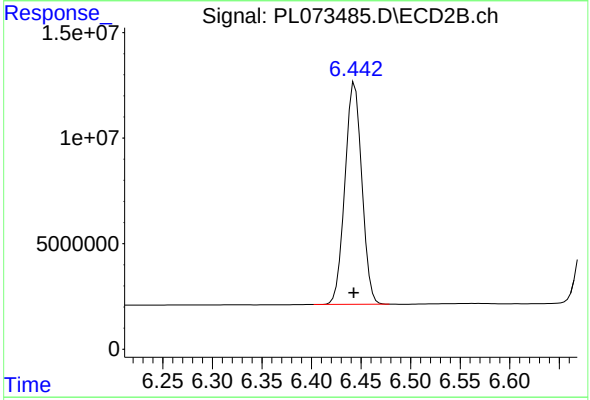
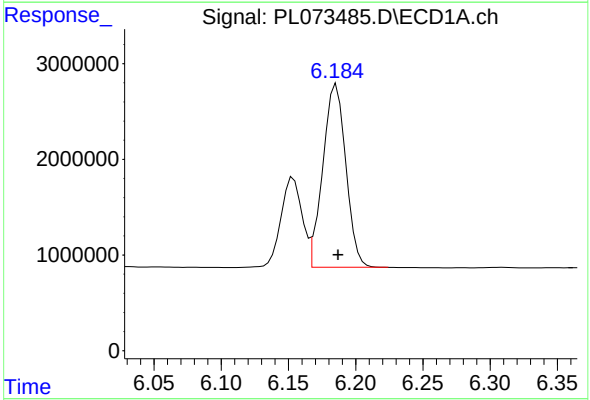


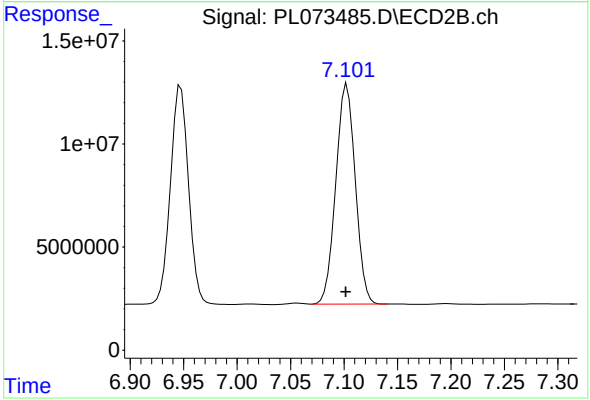
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 124897990
Conc: 58.50 ng/ml



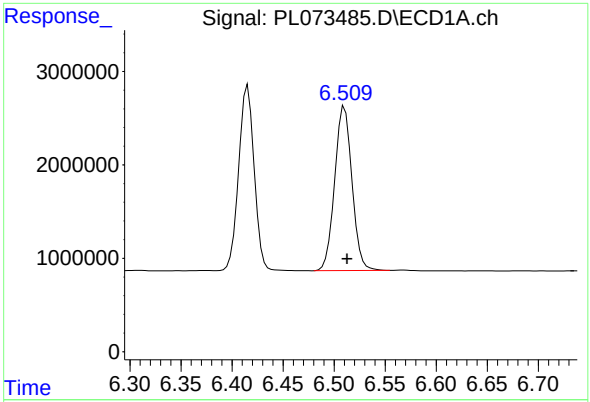
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 22681049
Conc: 50.27 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 135384081
Conc: 57.78 ng/ml



#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 20761021
Conc: 50.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MS

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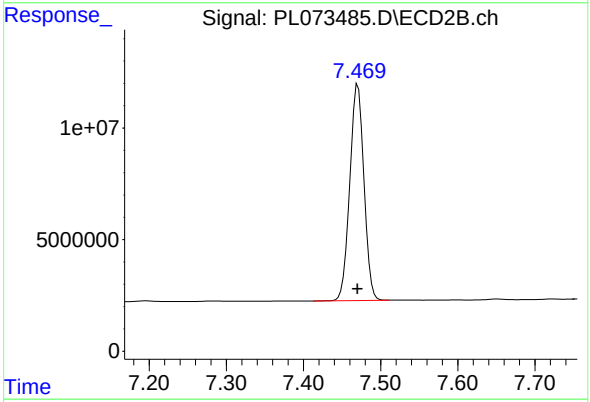
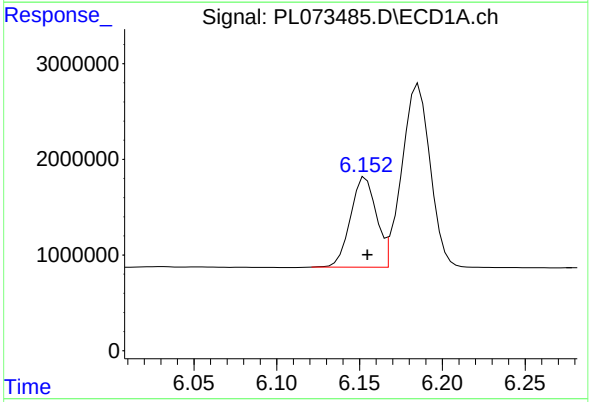


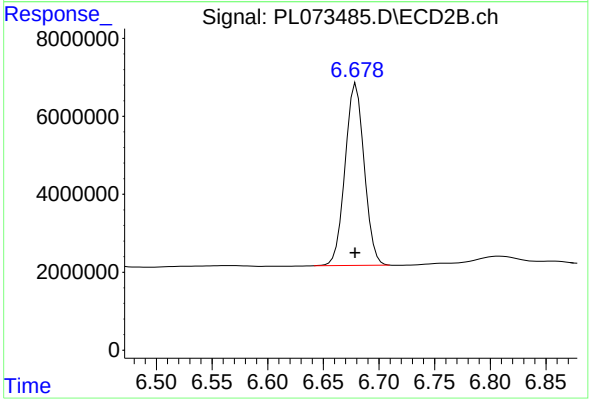
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 123376110
Conc: 58.89 ng/ml



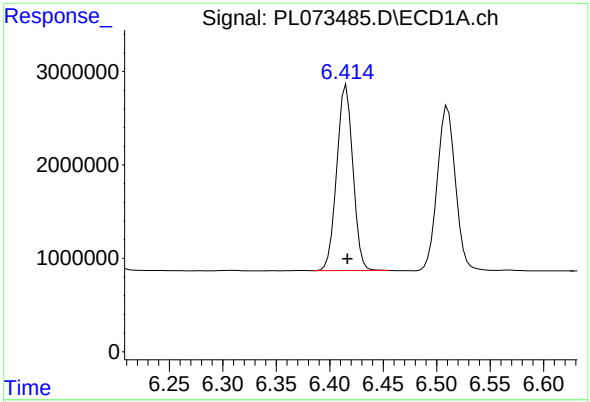
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 10204344
Conc: 49.56 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 55891270
Conc: 53.62 ng/ml



#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 20894474
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MS

Manual Integrations
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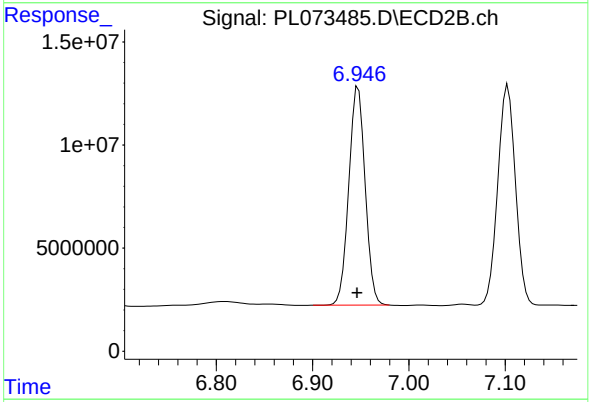
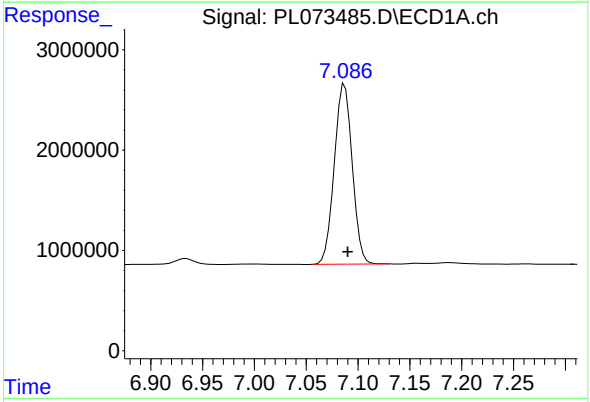


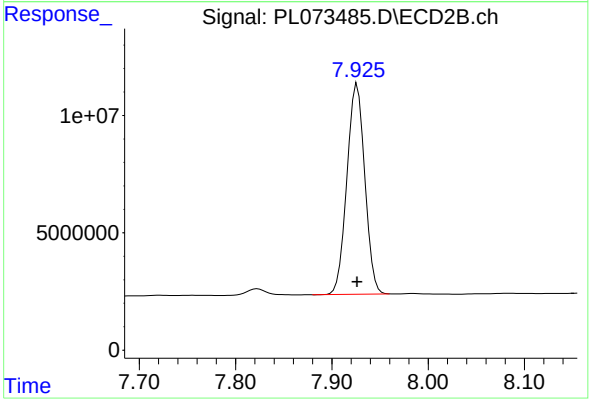
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 124653466
Conc: 57.88 ng/ml



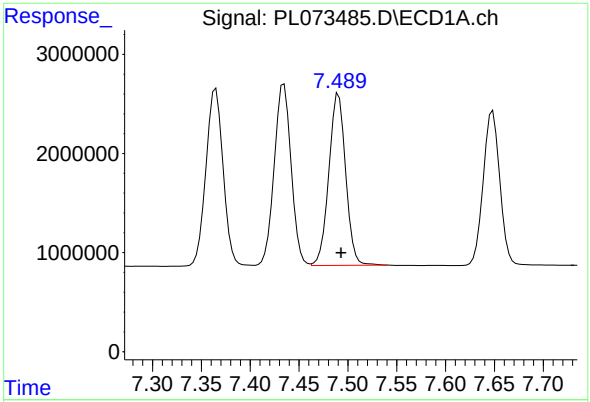
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 21644874
Conc: 50.22 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 115363966
Conc: 57.76 ng/ml



#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 20774235
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
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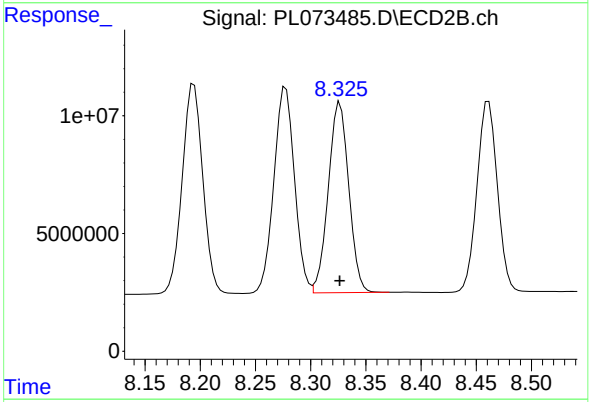
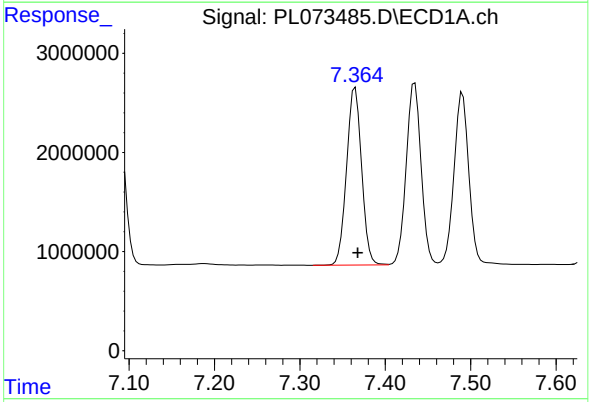


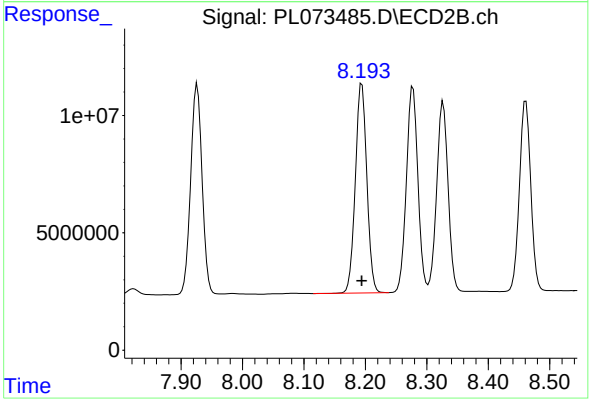
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 104526294
Conc: 57.26 ng/ml



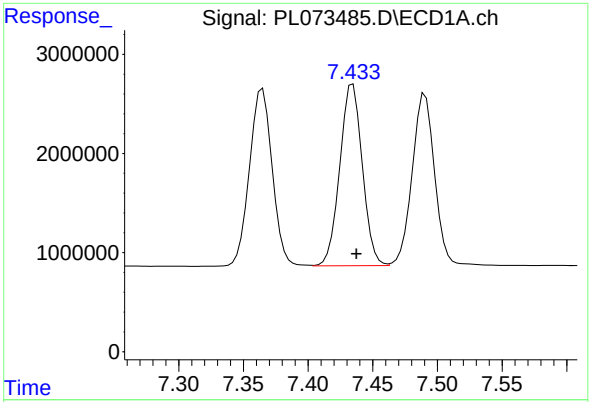
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 21883796
Conc: 50.04 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 115981422
Conc: 56.79 ng/ml



#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 22140576
Conc: 50.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
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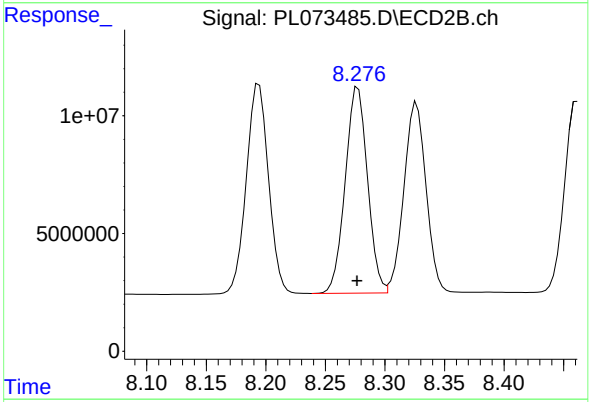
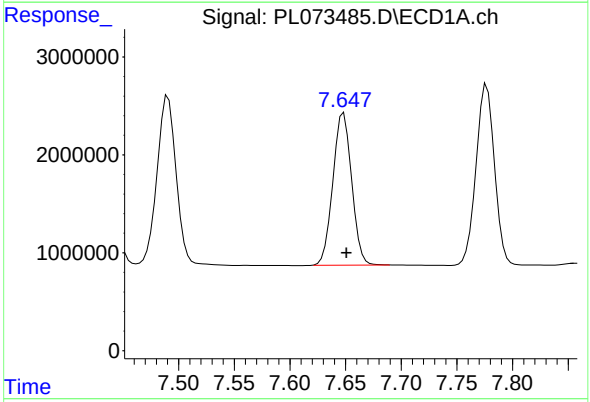


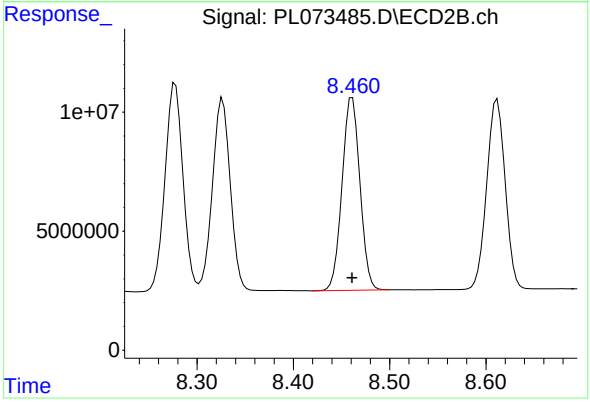
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 114000496
Conc: 57.00 ng/ml



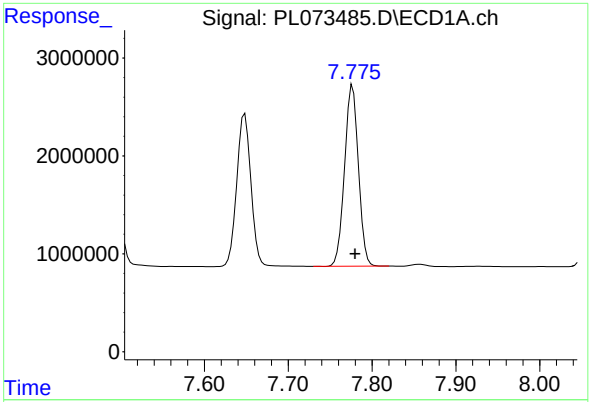
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 18248543
Conc: 50.85 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 104092440
Conc: 58.08 ng/ml



#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 21256607
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MS

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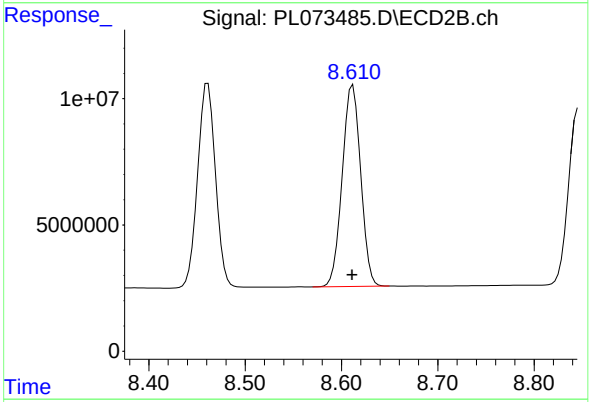
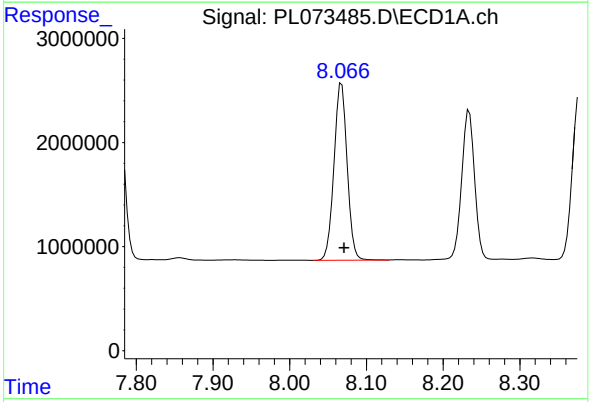


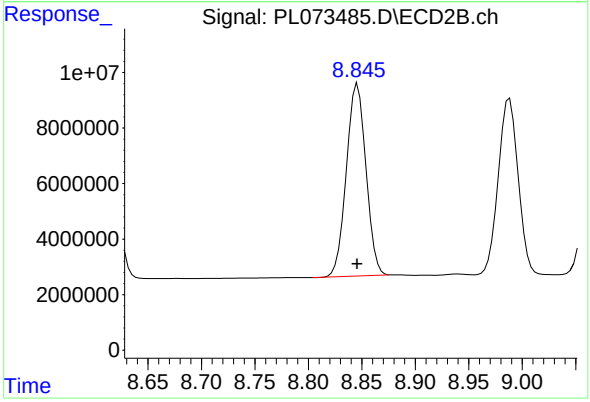
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 105991471
Conc: 57.46 ng/ml



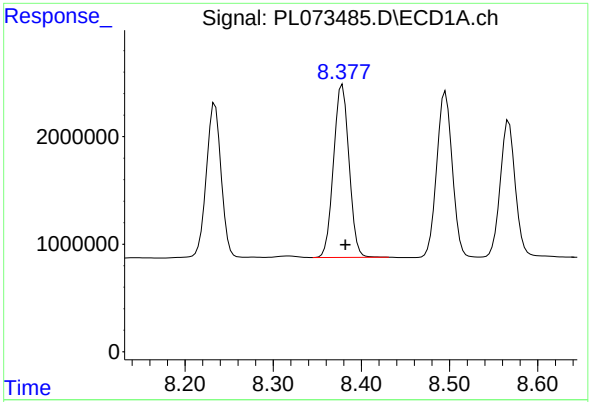
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 20288466
Conc: 52.29 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 88322836
Conc: 57.37 ng/ml



#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.003 min
Response: 19622415
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
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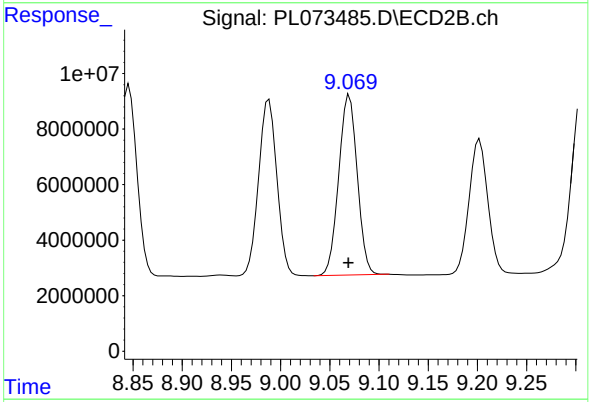
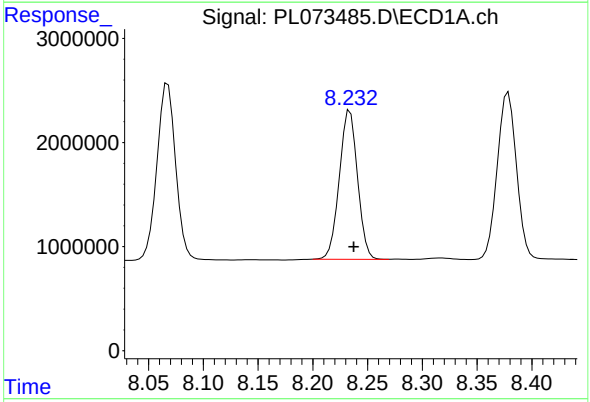


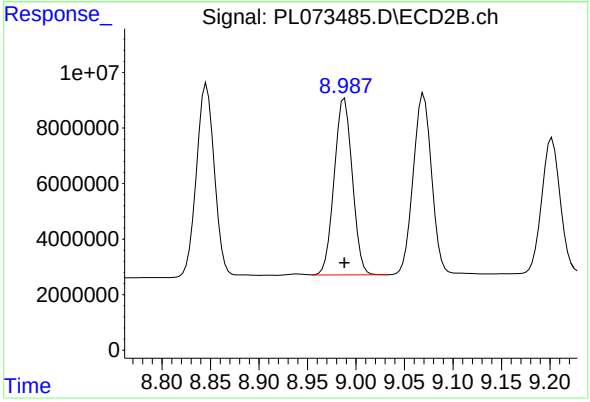
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 85147463
Conc: 55.44 ng/ml



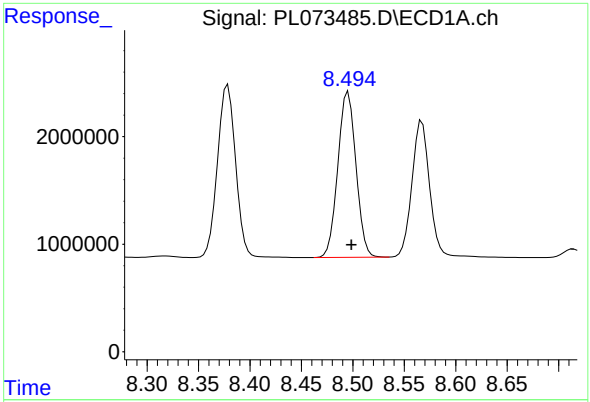
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 16543431
Conc: 50.94 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 82547245
Conc: 56.55 ng/ml



#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.003 min
Response: 18878679
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MS

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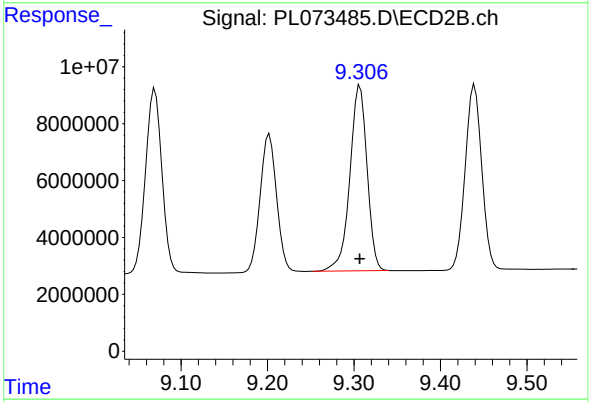
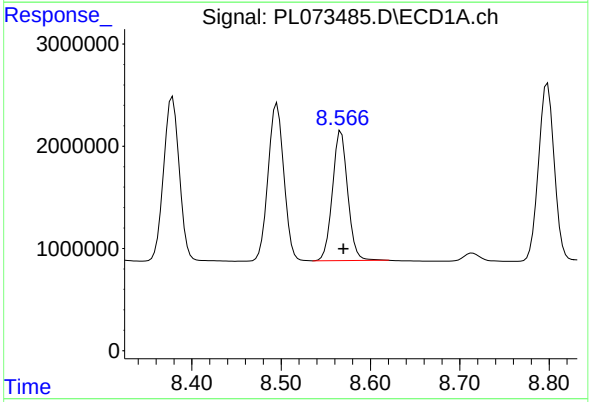
Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



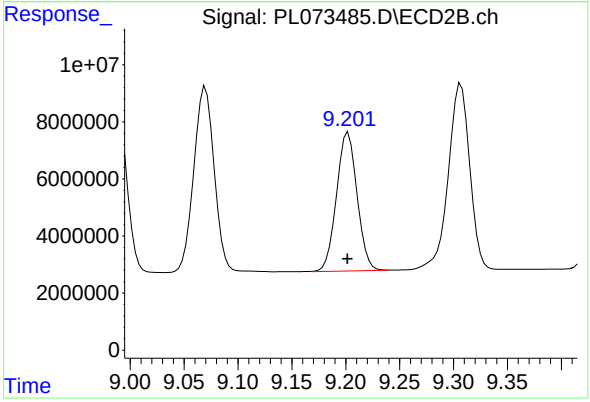
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 90035967
Conc: 55.08 ng/ml



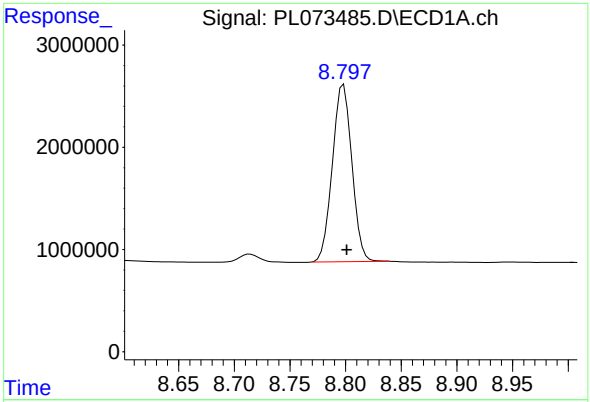
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 15047062
Conc: 47.58 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 64539087
Conc: 52.63 ng/ml m



#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 21143715
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MS

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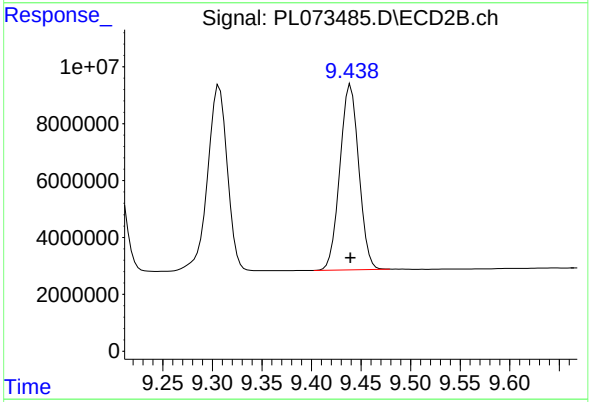
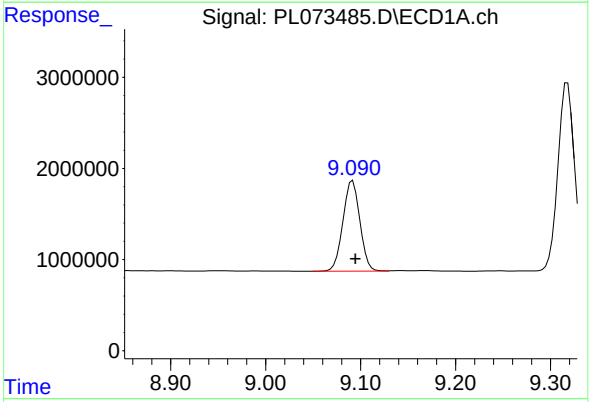


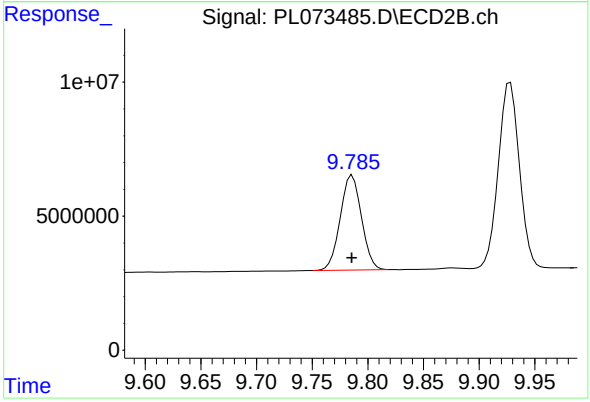
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 86651726
Conc: 54.98 ng/ml



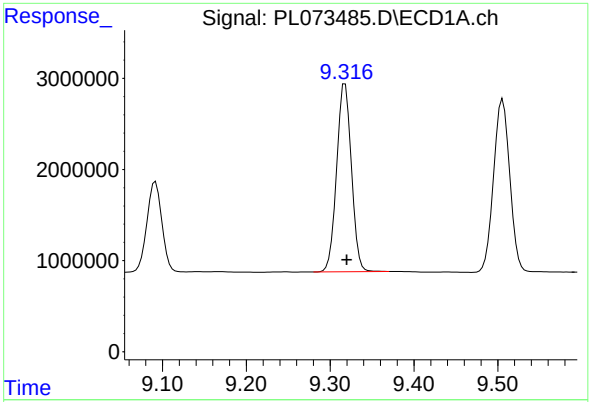
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 12326324
Conc: 48.05 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 47045387
Conc: 52.21 ng/ml



#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 25278184
Conc: 51.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MS

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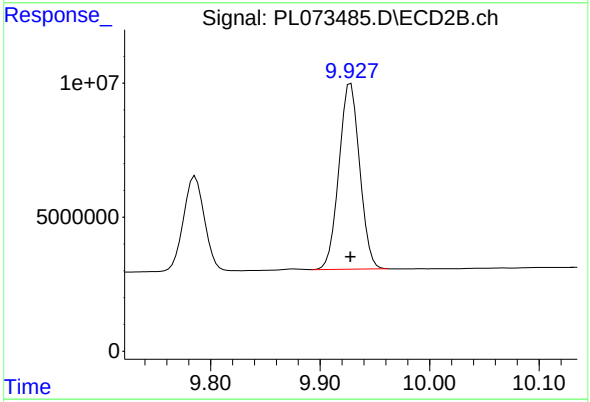
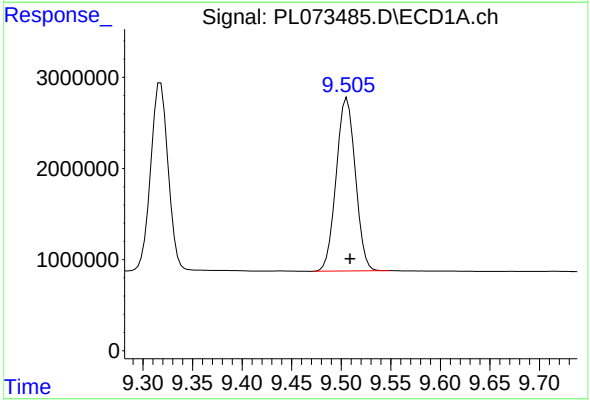


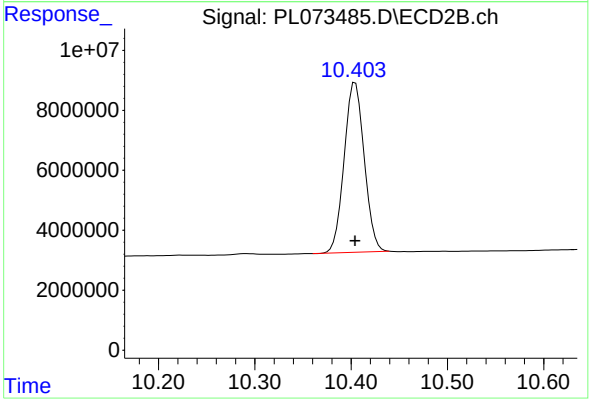
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 91135109
Conc: 55.21 ng/ml



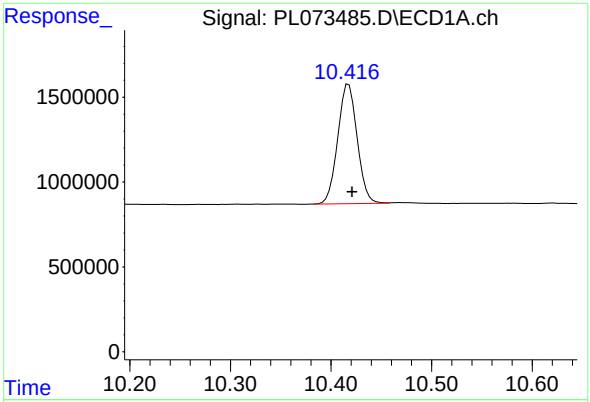
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 25516092
Conc: 54.11 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 81825567
Conc: 60.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: -0.003 min
Response: 9408384
Conc: 18.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MS

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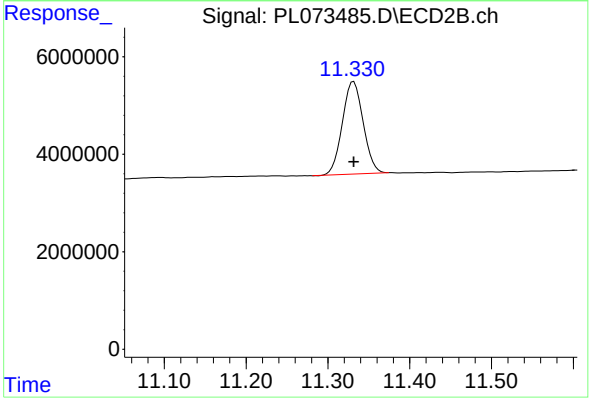
Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 33547741
Conc: 18.76 ng/ml