

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033122\
 Data File : PL073756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2022 13:43
 Operator : AR\AJ
 Sample : PB143764BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143764BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/01/2022
 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 01:44:08 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...	4.641	5.490	6043192	33888161	18.868	20.648
28)	SA Decachlor...	10.418	11.334	9882536	32980279	19.435	18.444
Target Compounds							
2)	A alpha-BHC	5.350	6.054	19529732	123.3E6	47.379	54.804
3)	MA gamma-BHC...	5.774	6.443	19442359	115.4E6	46.609	54.067
4)	MA Heptachlor	6.185	7.102	20775541	122.8E6	46.045	52.430
5)	MB Aldrin	6.511	7.470	19958555	117.5E6	48.306	56.074
6)	B beta-BHC	6.155	6.679	9361609	50359930	45.468	48.313
7)	B delta-BHC	6.416	6.947	19324426	114.7E6	48.113	53.270
8)	B Heptachlo...	7.088	7.926	20049225	112.4E6	46.520	56.263
9)	A Endosulfan I	7.491	8.327	18916652	95757221	46.114	52.458
10)	B gamma-Chl...	7.365	8.193	20538812	107.3E6	46.967	52.528m
11)	B alpha-Chl...	7.435	8.276	20742009	105.9E6	46.935	52.955m
12)	B 4,4'-DDE	7.649	8.462	17174869	96576835	47.862	53.882
13)	MA Dieldrin	7.776	8.612	20474872	100.8E6	49.145m	54.619
14)	MA Endrin	8.069	8.847	20383783	84033819	52.535	54.588
15)	B Endosulfa...	8.380	9.071	19549837	84956344	50.015	55.316
16)	A 4,4'-DDD	8.235	8.988	15201818	74925594	46.813	51.329m
17)	MA 4,4'-DDT	8.496	9.309	17902105	82427245	47.337	50.429
18)	B Endrin al...	8.568	9.202	16242460	66704942	51.360	54.395m
19)	B Endosulfa...	8.799	9.441	20023693	79347100	47.402	50.345
20)	A Methoxychlor	9.092	9.786	11841051	42560627	46.158	47.233m
21)	B Endrin ke...	9.317	9.930	22888369	82071548	46.785m	49.723
22)	Mirex	9.507	10.406	23656044	73229196	50.165	53.906

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033122\
 Data File : PL073756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2022 13:43
 Operator : AR\AJ
 Sample : PB143764BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

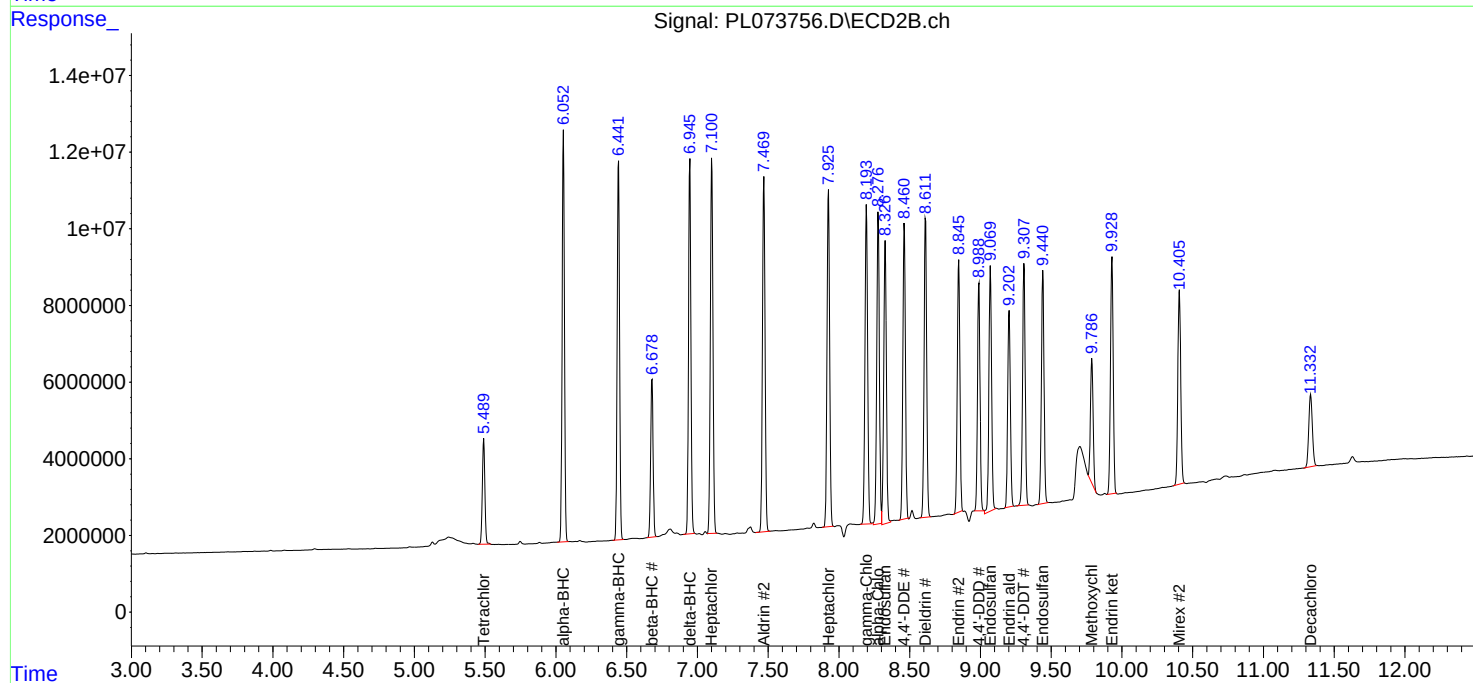
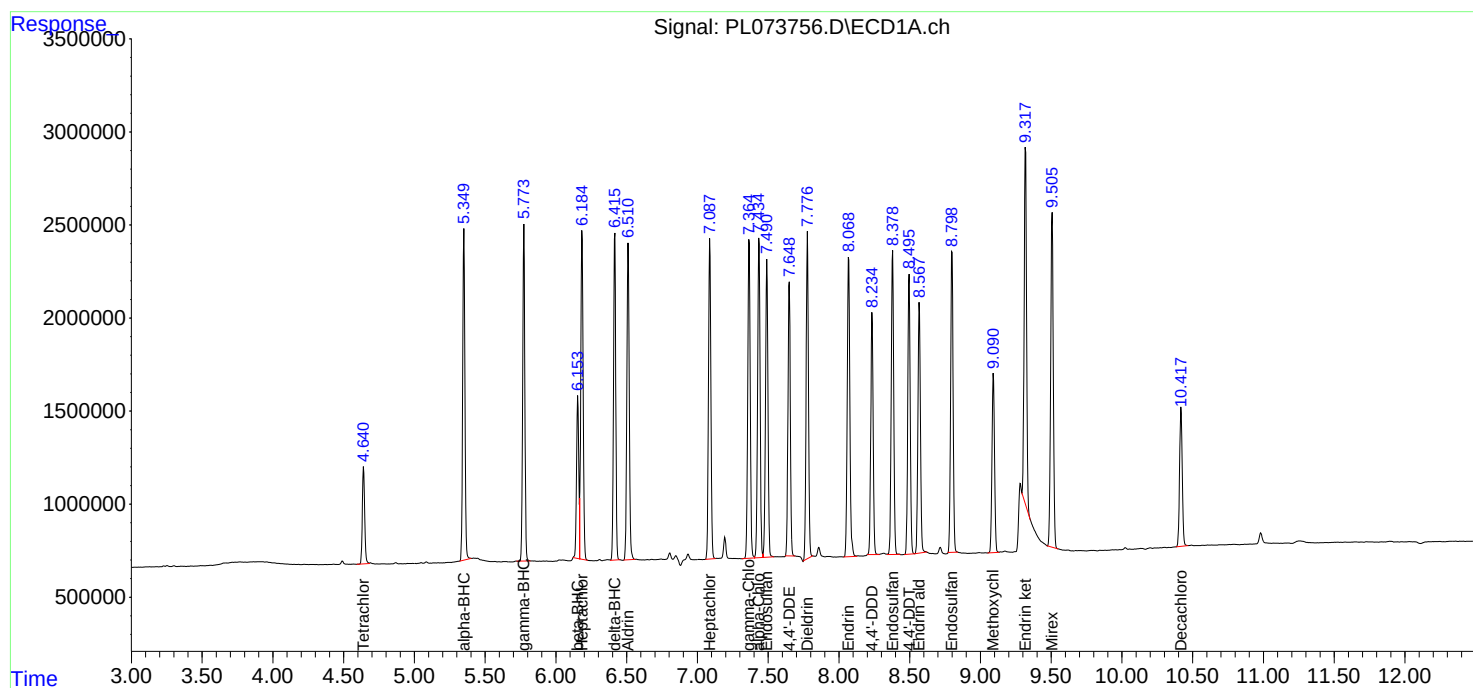
Instrument :
 ECD_L
 ClientSampleId :
 PB143764BS

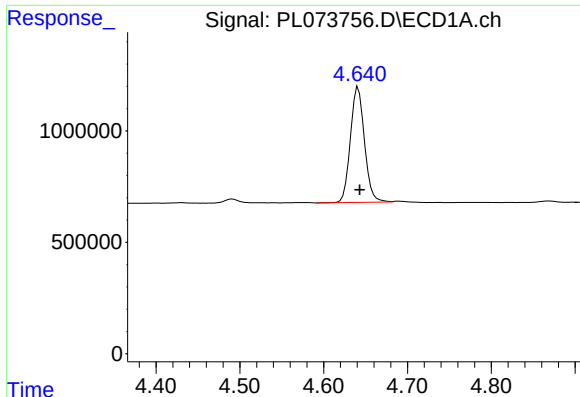
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 01:44:08 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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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





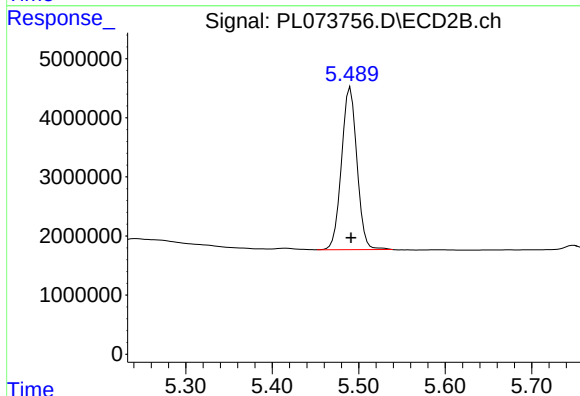
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6043192
Conc: 18.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

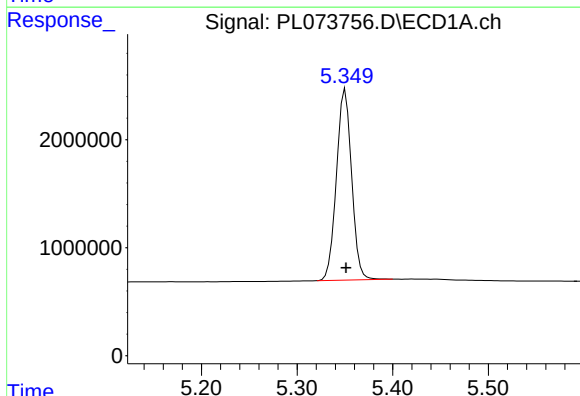
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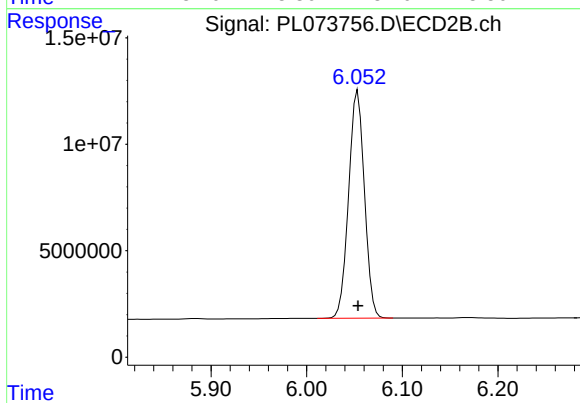
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 33888161
Conc: 20.65 ng/ml



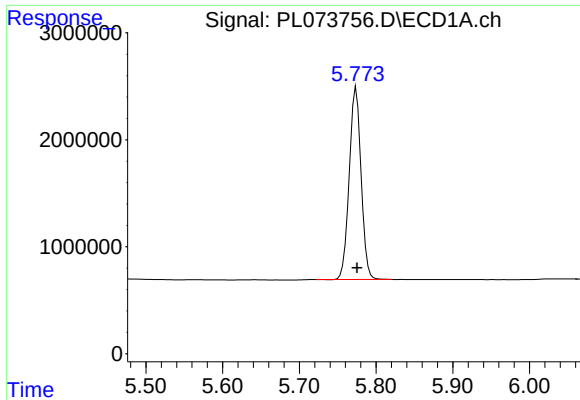
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 19529732
Conc: 47.38 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 123289089
Conc: 54.80 ng/ml



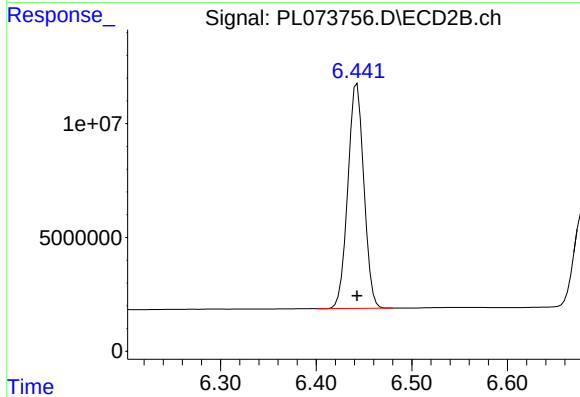
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 19442359
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

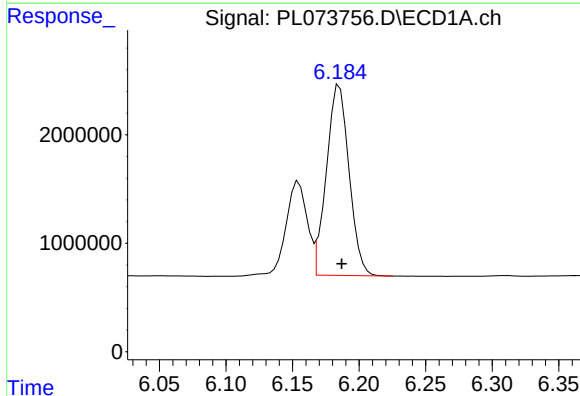
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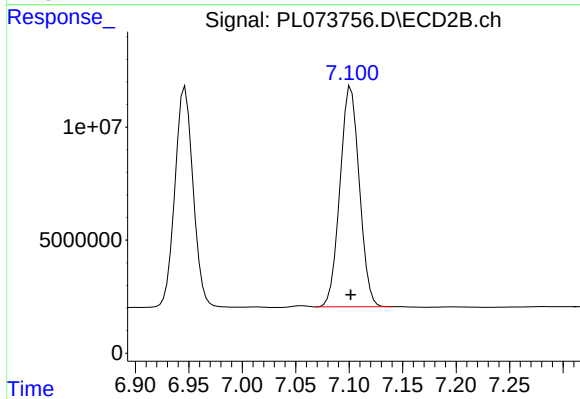
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 115438258
Conc: 54.07 ng/ml



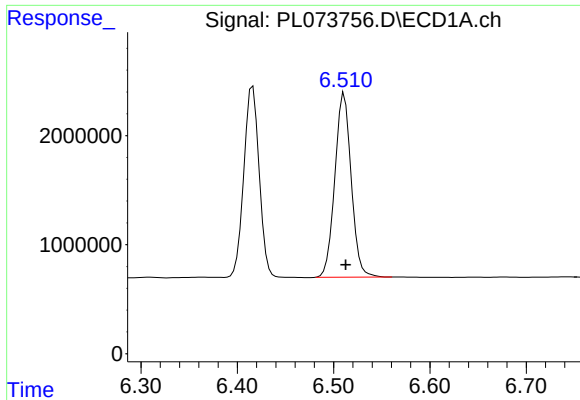
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 20775541
Conc: 46.05 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 122848206
Conc: 52.43 ng/ml



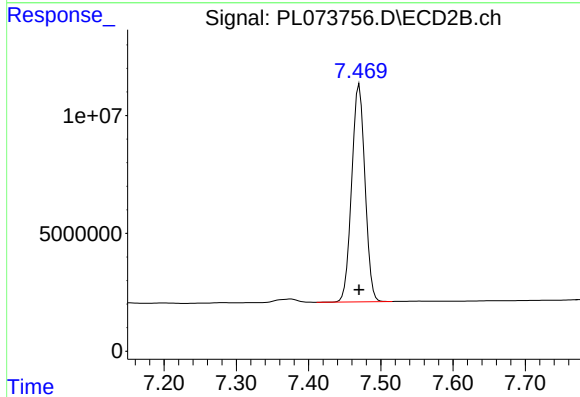
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.001 min
Response: 19958555
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

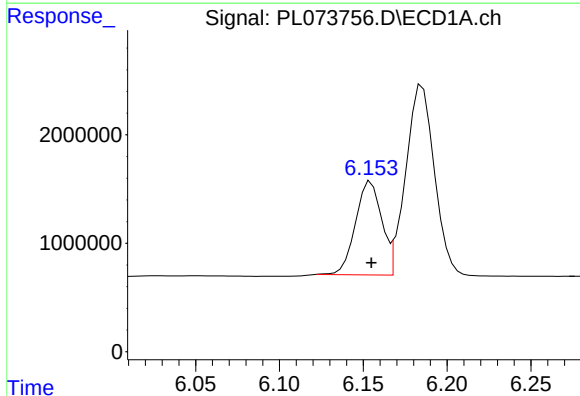
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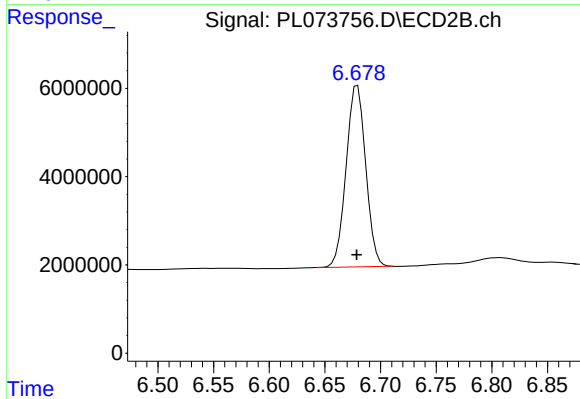
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 117473828
Conc: 56.07 ng/ml



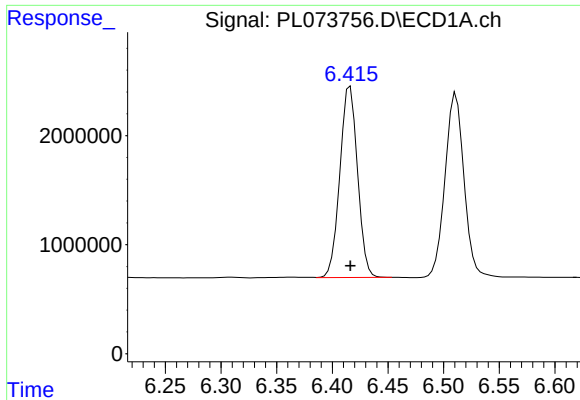
#6 beta-BHC

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 9361609
Conc: 45.47 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 50359930
Conc: 48.31 ng/ml



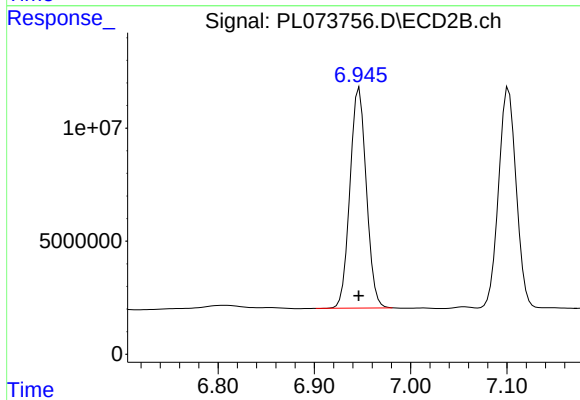
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 19324426
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

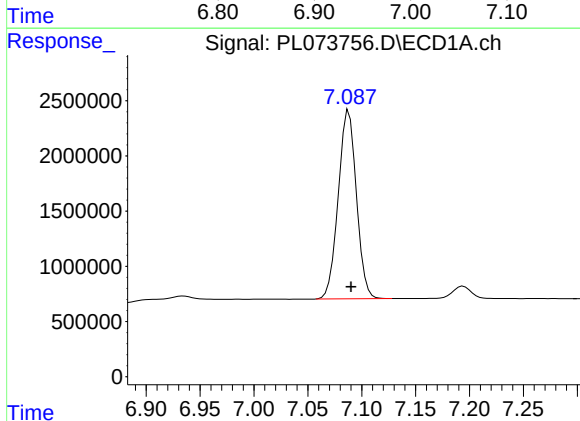
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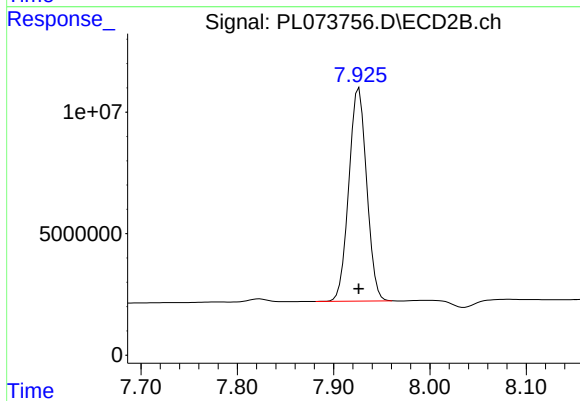
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 114721085
Conc: 53.27 ng/ml



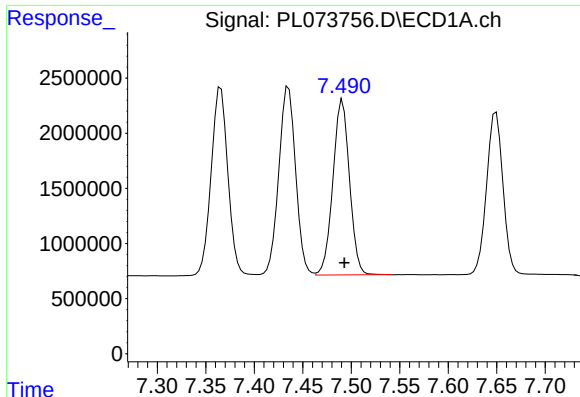
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 20049225
Conc: 46.52 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 112374138
Conc: 56.26 ng/ml



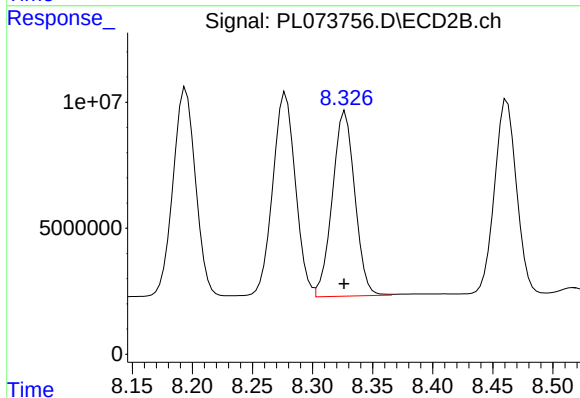
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 18916652
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

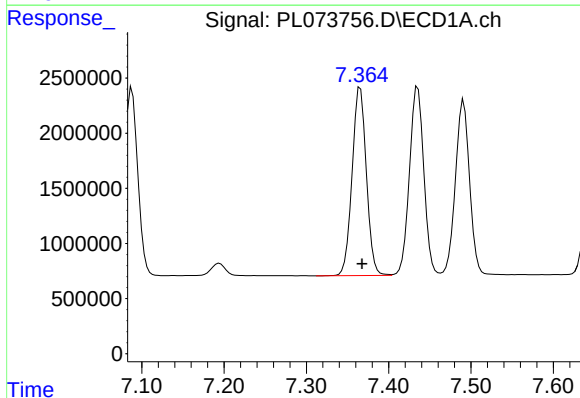
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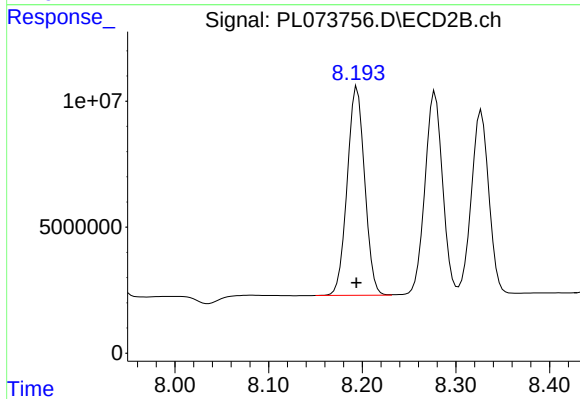
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 95757221
Conc: 52.46 ng/ml



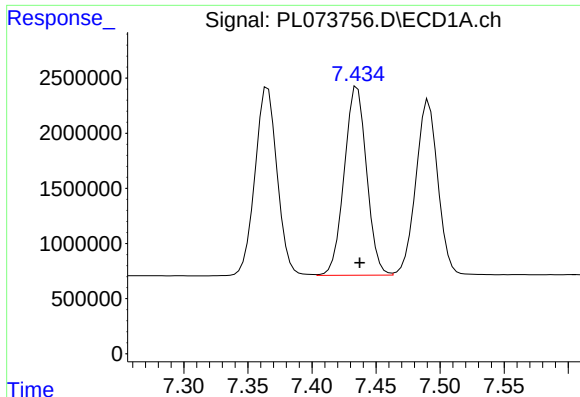
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 20538812
Conc: 46.97 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 107283799
Conc: 52.53 ng/ml m



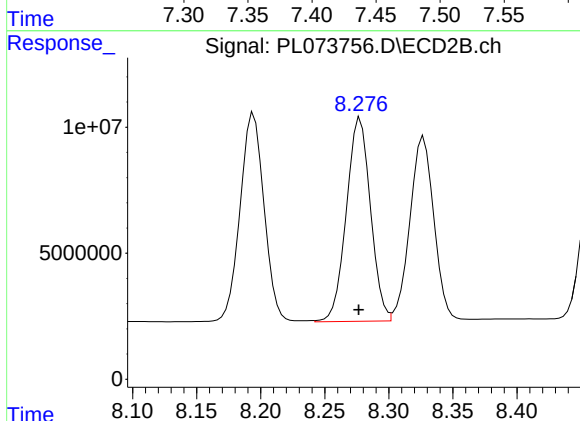
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 20742009
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

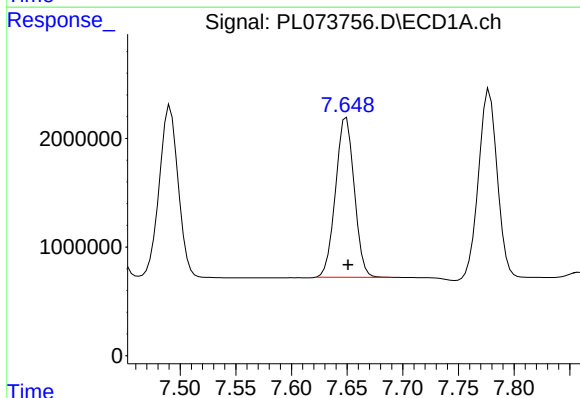
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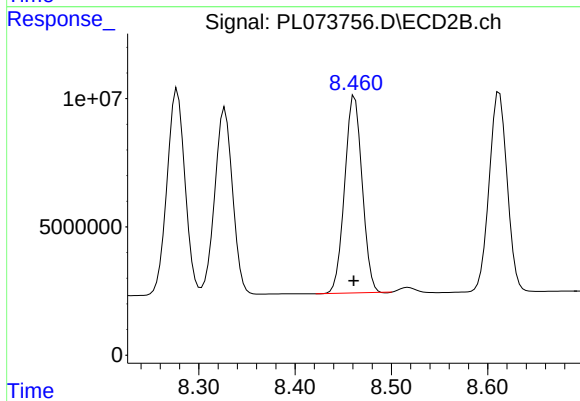
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 105910309
Conc: 52.95 ng/ml m



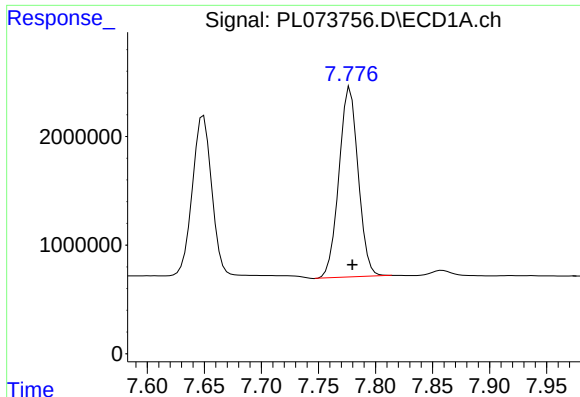
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 17174869
Conc: 47.86 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 96576835
Conc: 53.88 ng/ml



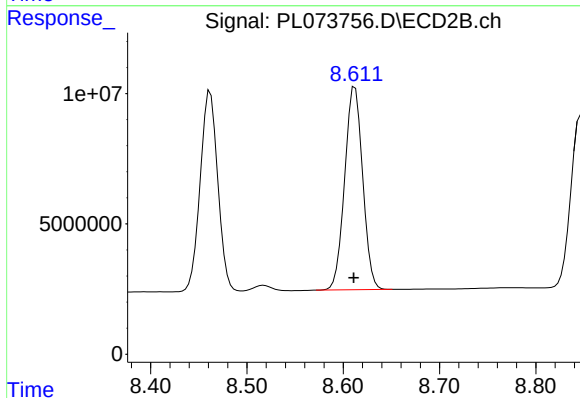
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.003 min
Response: 20474872
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

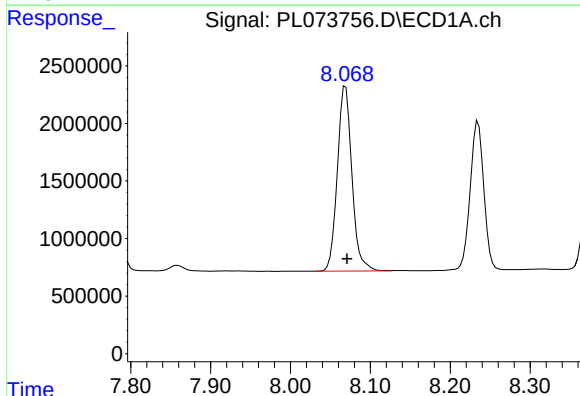
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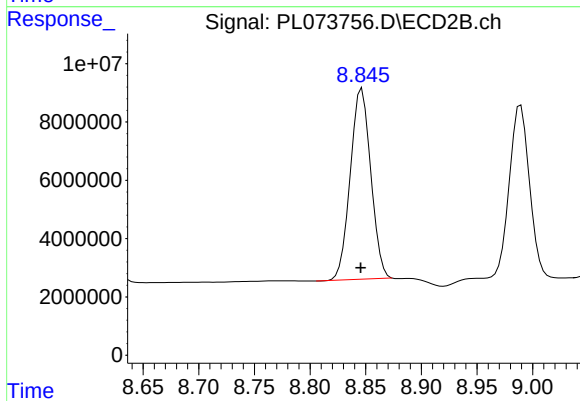
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 100757847
Conc: 54.62 ng/ml



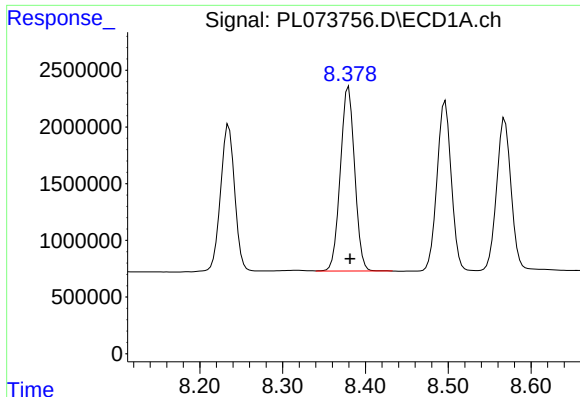
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 20383783
Conc: 52.53 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 84033819
Conc: 54.59 ng/ml



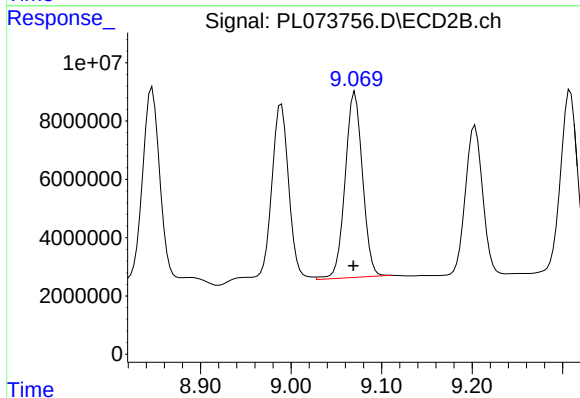
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 19549837
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

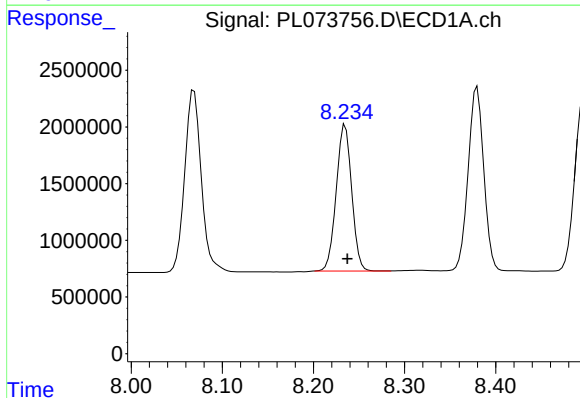
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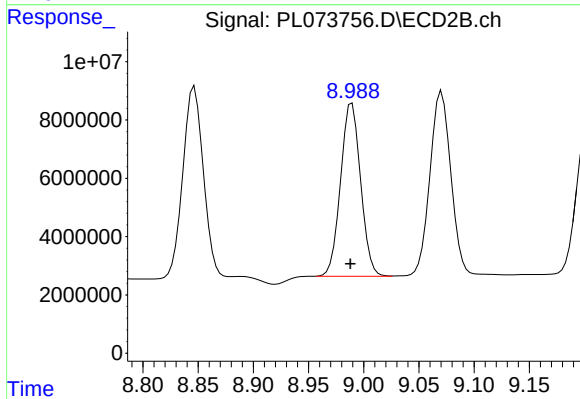
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 84956344
Conc: 55.32 ng/ml



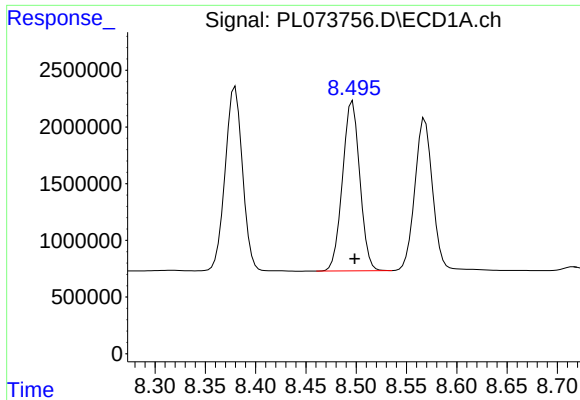
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 15201818
Conc: 46.81 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 74925594
Conc: 51.33 ng/ml m



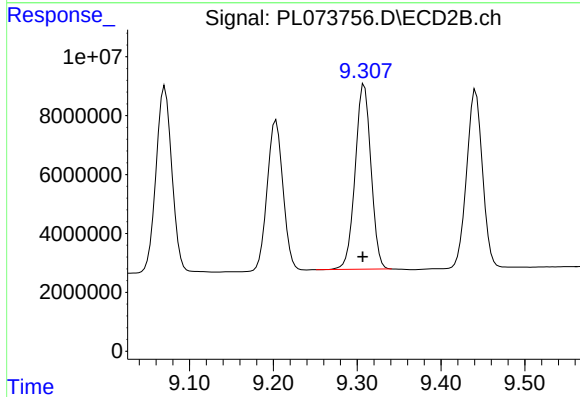
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 17902105
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

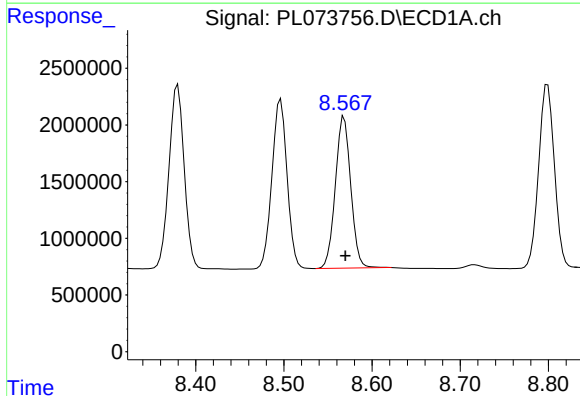
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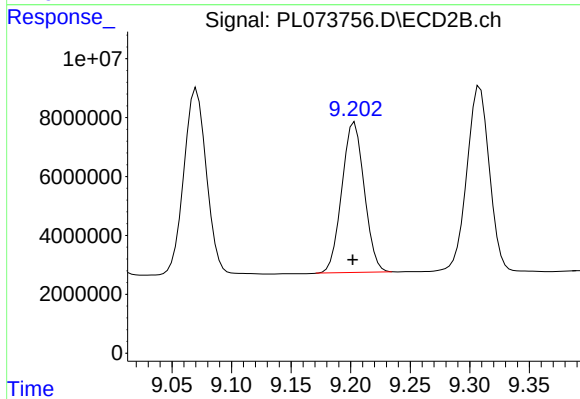
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.002 min
Response: 82427245
Conc: 50.43 ng/ml



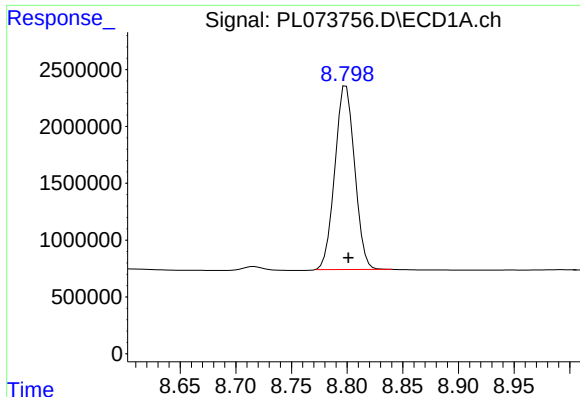
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 16242460
Conc: 51.36 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 66704942
Conc: 54.39 ng/ml m



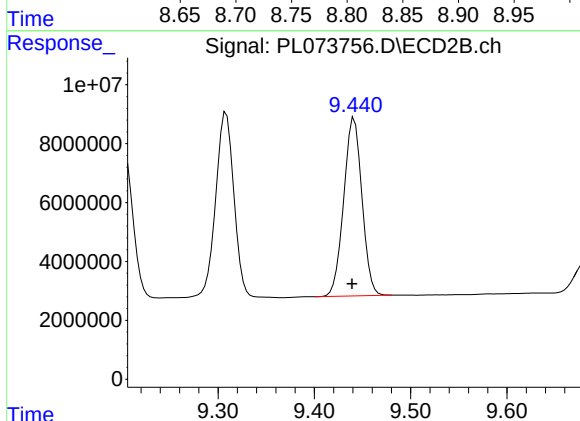
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 20023693
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

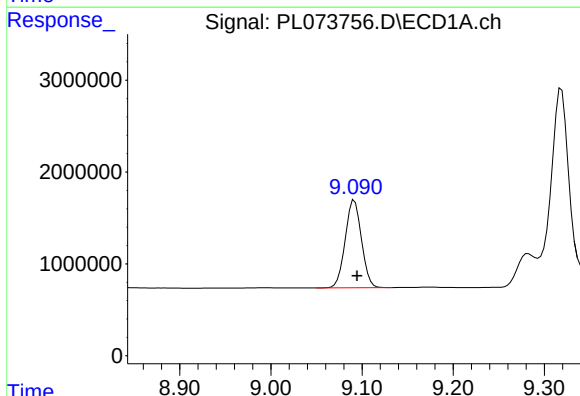
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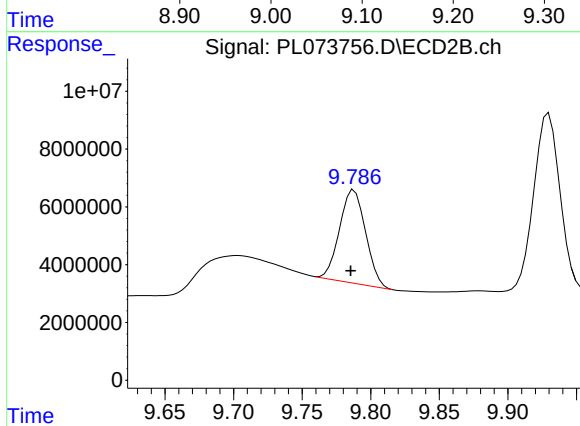
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.002 min
Response: 79347100
Conc: 50.34 ng/ml



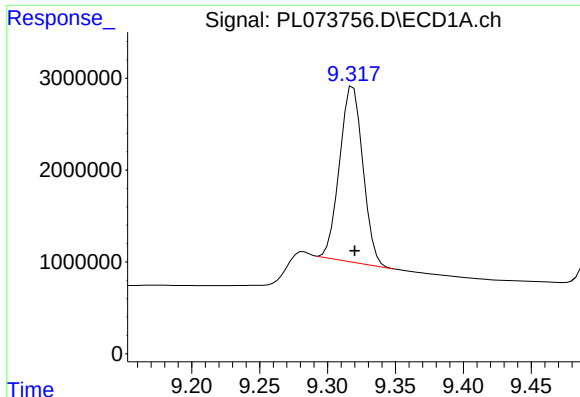
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 11841051
Conc: 46.16 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 42560627
Conc: 47.23 ng/ml m



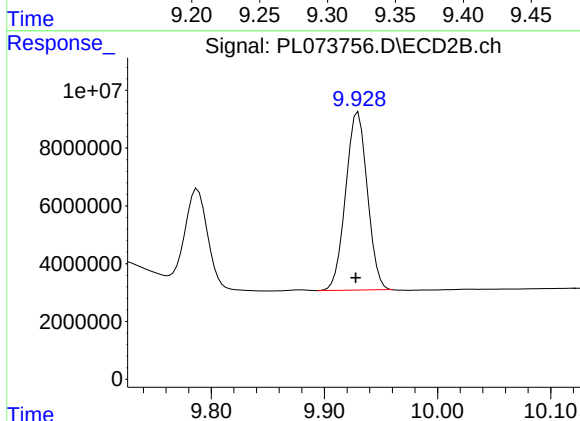
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 22888369
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

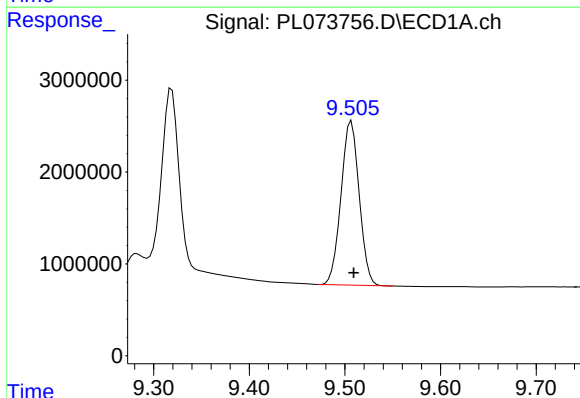
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Supervised By :mohammad ahmed 04/01/2022



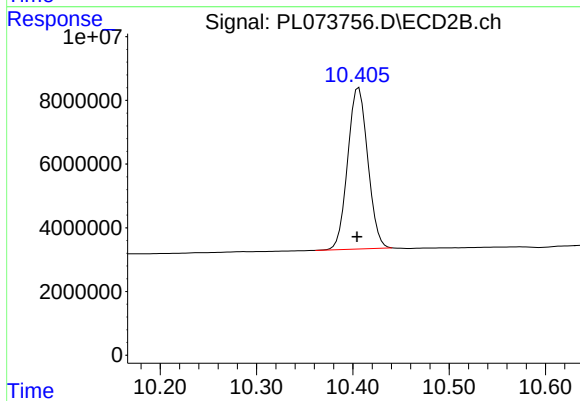
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.002 min
Response: 82071548
Conc: 49.72 ng/ml



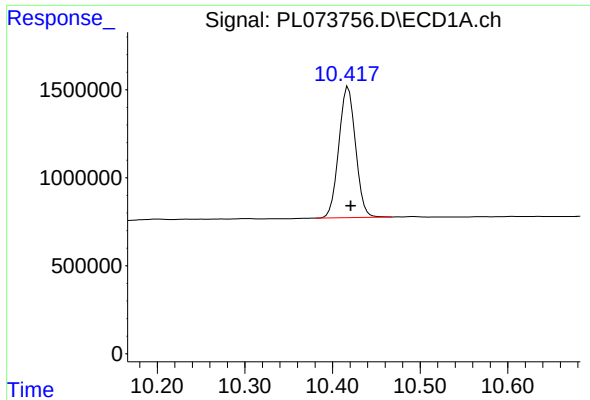
#22 Mirex

R.T.: 9.507 min
Delta R.T.: -0.002 min
Response: 23656044
Conc: 50.17 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.002 min
Response: 73229196
Conc: 53.91 ng/ml



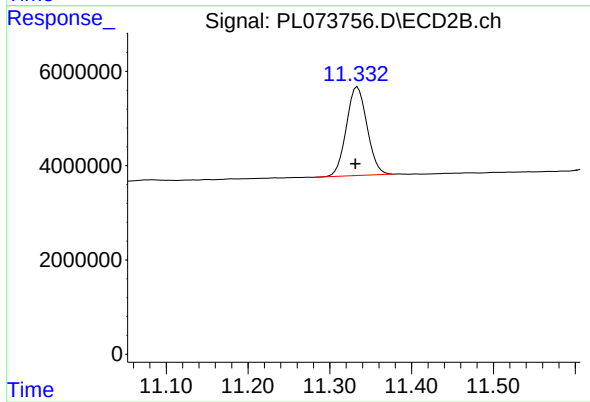
#28 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: -0.003 min
Response: 9882536
Conc: 19.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143764BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2022
Supervised By :mohammad ahmed 04/01/2022



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: 0.002 min
Response: 32980279
Conc: 18.44 ng/ml