

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
 Data File : PL073578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2022 16:43
 Operator : AR\AJ
 Sample : N1908-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-8-9-3MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/23/2022
 Supervised By : mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:48:00 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	5.491	5691874	30162528	17.771	18.378
28)	SA Decachlor...	10.416	11.332	9348528	33451177	18.385	18.707
Target Compounds							
2)	A alpha-BHC	5.349	6.054	19490154	113.0E6	47.283	50.242
3)	MA gamma-BHC...	5.771	6.442	19606005	105.6E6	47.001m	49.469m
4)	MA Heptachlor	6.184	7.102	20662559	115.6E6	45.795	49.326
5)	MB Aldrin	6.509	7.470	19108641	104.7E6	46.249	49.963
6)	B beta-BHC	6.151	6.679	10077301	47957423	48.944m	46.008
7)	B delta-BHC	6.415	6.947	19438762	108.5E6	48.398	50.403
8)	B Heptachlo...	7.086	7.927	20098984	99737649	46.636	49.936
9)	A Endosulfan I	7.489	8.326	19269377	91898157	46.973	50.344
10)	B gamma-Chl...	7.364	8.195	20433107	101.5E6	46.725	49.697
11)	B alpha-Chl...	7.434	8.277	20594536	99095752	46.601	49.548
12)	B 4,4'-DDE	7.647	8.462	16879213	90425677	47.039	50.450
13)	MA Dieldrin	7.776	8.612	19829660	93474088	47.596	50.671
14)	MA Endrin	8.067	8.846	18648427	77293973	48.062	50.210
15)	B Endosulfa...	8.378	9.070	18492511	75775105	47.310	49.338
16)	A 4,4'-DDD	8.233	8.989	15865905	74973716	48.858	51.362
17)	MA 4,4'-DDT	8.494	9.307	16461175	77659598	43.527	47.512
18)	B Endrin al...	8.566	9.201	14894634	61191336	47.098	49.899m
19)	B Endosulfa...	8.796	9.440	19997095	78667503	47.339m	49.914
20)	A Methoxychlor	9.089	9.787	10807144	39934964	42.127	44.319
21)	B Endrin ke...	9.316	9.928	23863777	84636262	48.779	51.276
22)	Mirex	9.504	10.405	24189484	76093950	51.296	56.015

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
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ECD_L

ClientSampleId :

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Manual Integrations

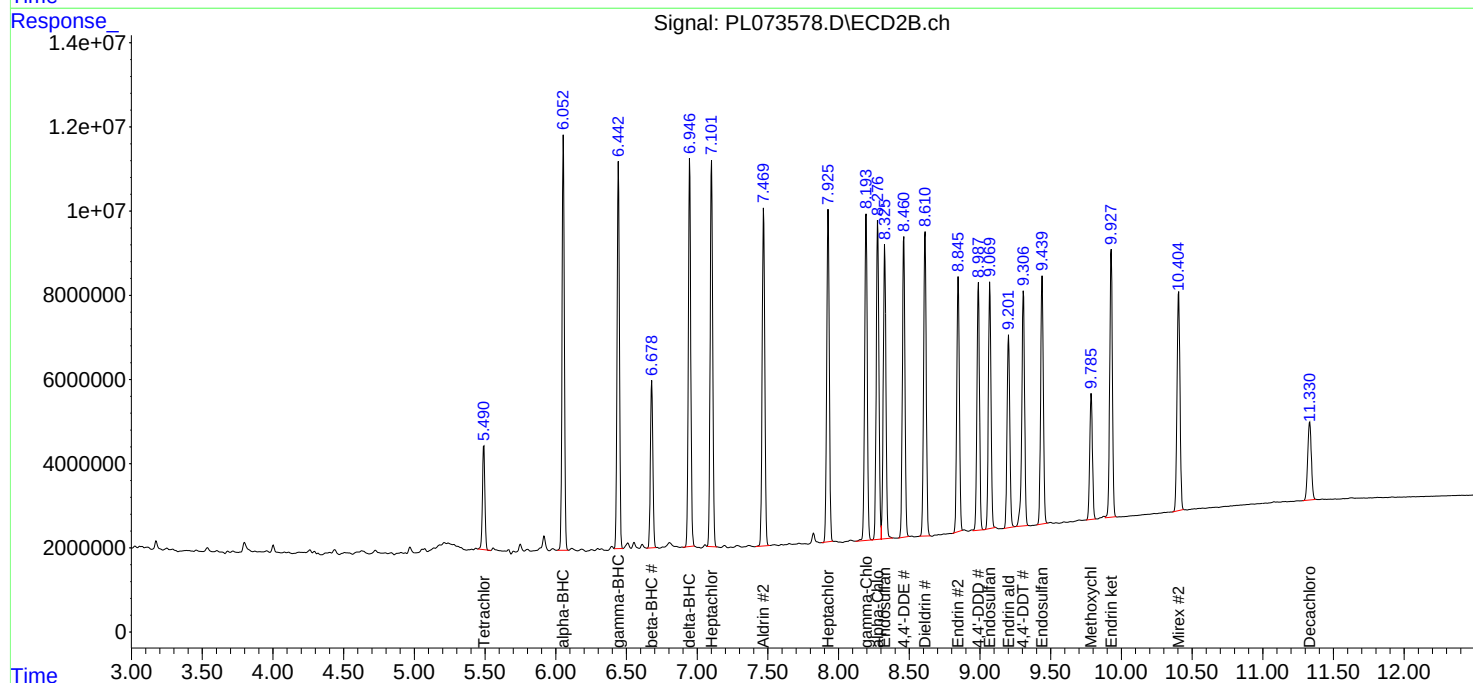
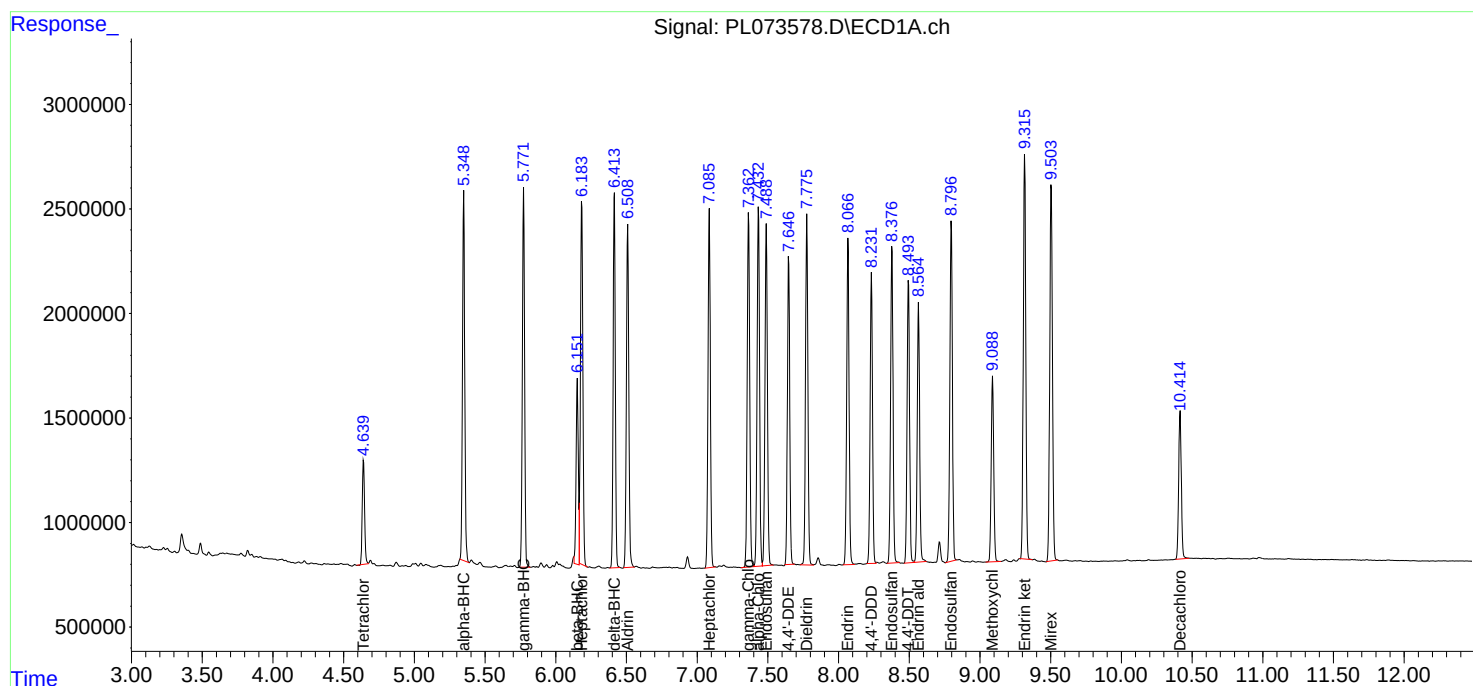
APPROVED

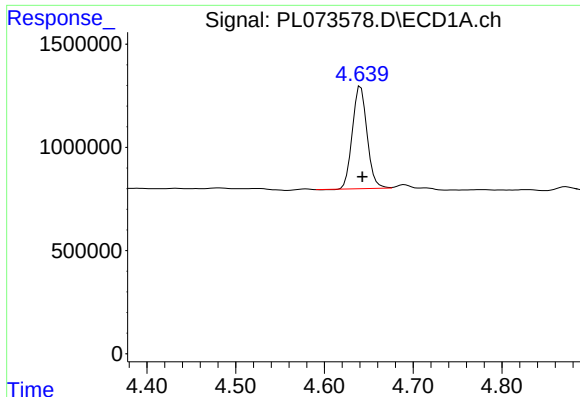
Reviewed By :Abdul Mirza 03/23/2022

Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:48:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





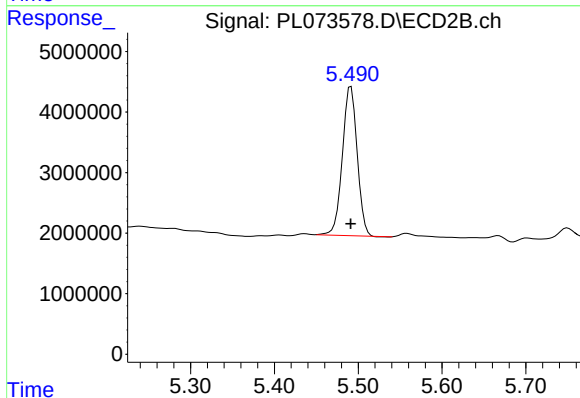
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 5691874
Conc: 17.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-9-3MS

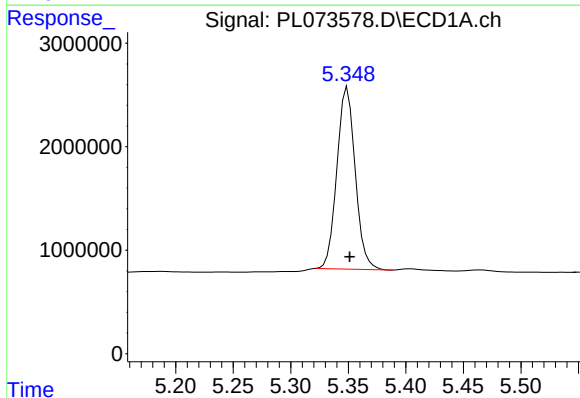
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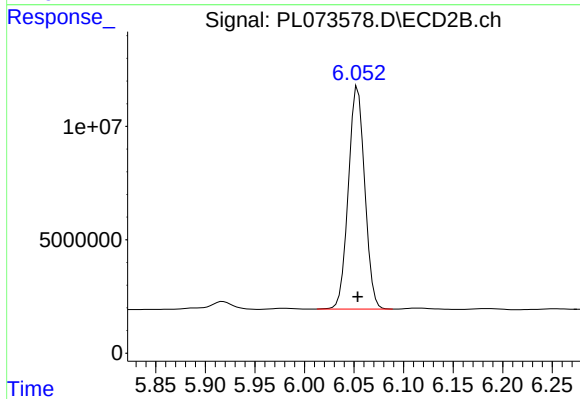
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 30162528
Conc: 18.38 ng/ml



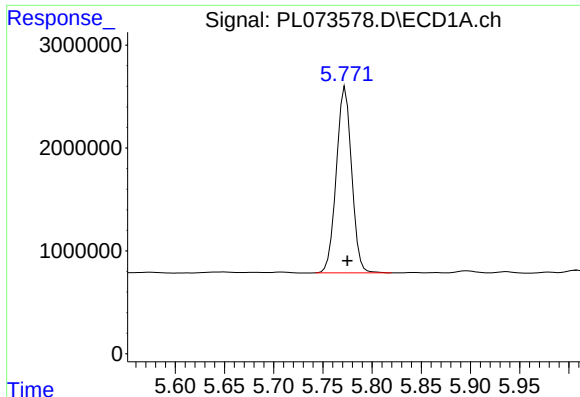
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 19490154
Conc: 47.28 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 113025953
Conc: 50.24 ng/ml



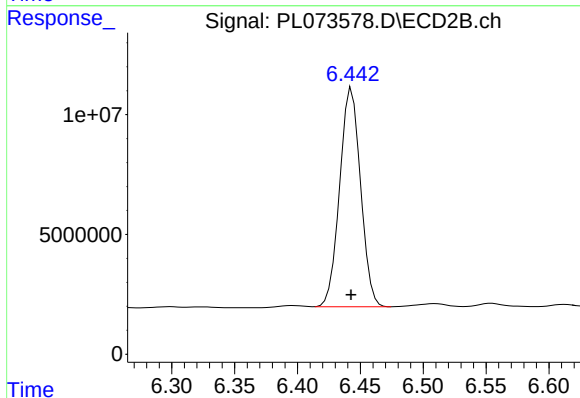
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 19606005
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-9-3MS

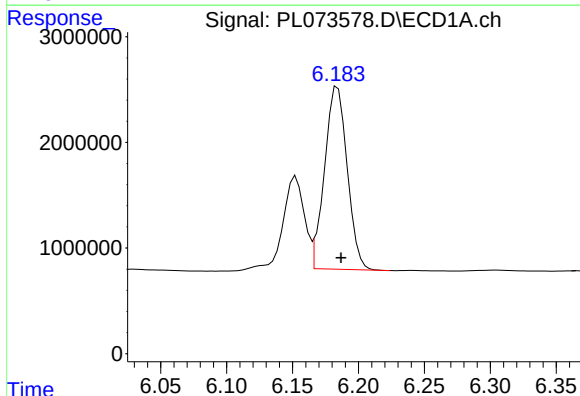
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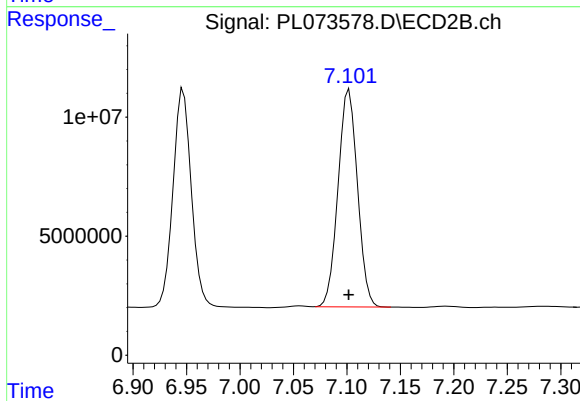
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 105619941
Conc: 49.47 ng/ml m



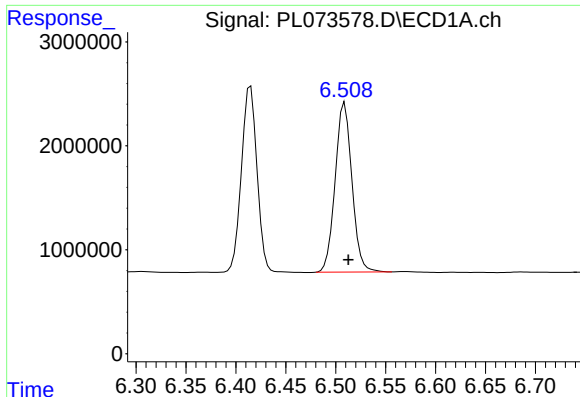
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 20662559
Conc: 45.79 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 115576310
Conc: 49.33 ng/ml



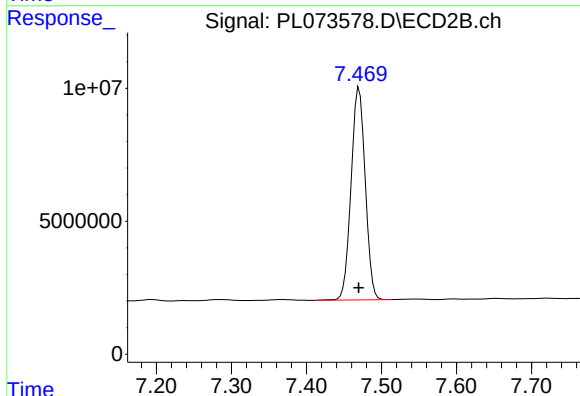
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 19108641
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-9-3MS

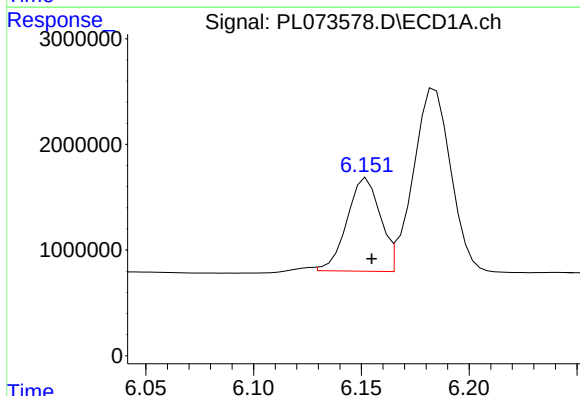
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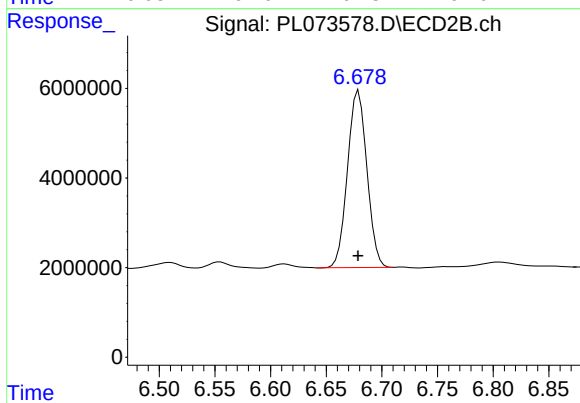
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 104672455
Conc: 49.96 ng/ml



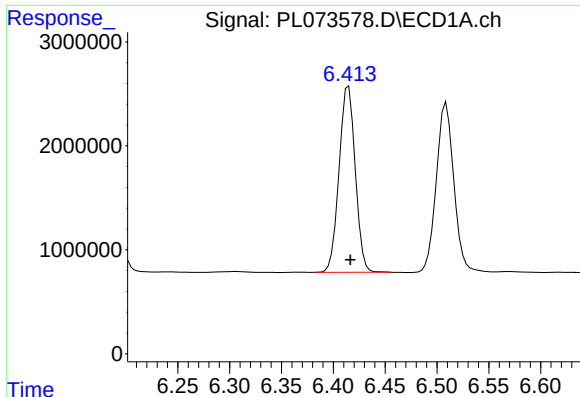
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 10077301
Conc: 48.94 ng/ml m



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 47957423
Conc: 46.01 ng/ml



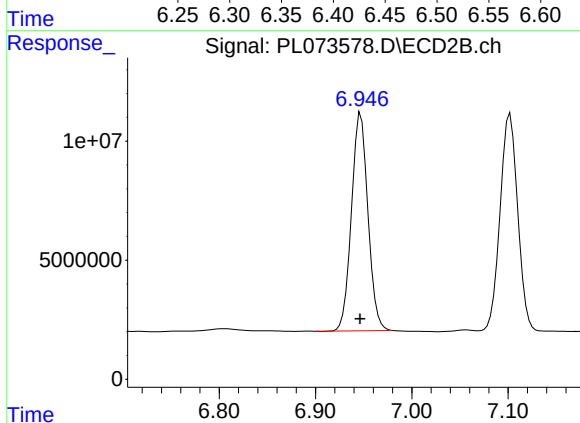
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.002 min
Response: 19438762
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-9-3MS

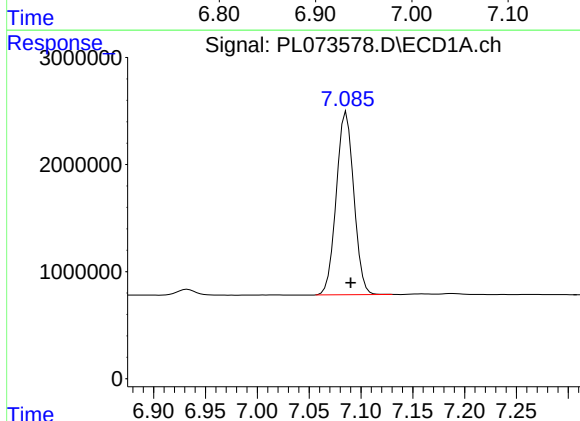
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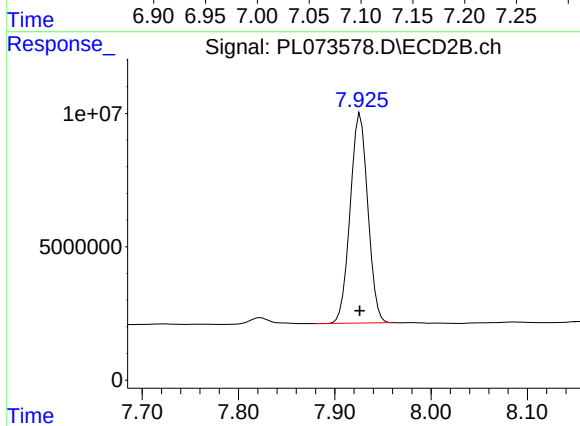
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 108544982
Conc: 50.40 ng/ml



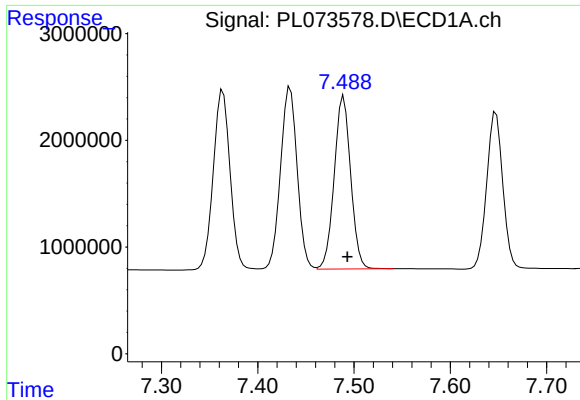
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 20098984
Conc: 46.64 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 99737649
Conc: 49.94 ng/ml



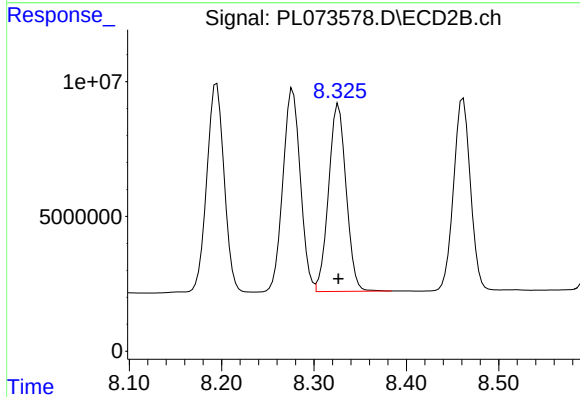
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 19269377
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-9-3MS

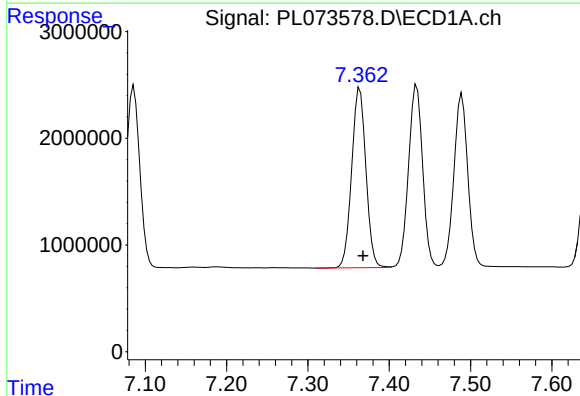
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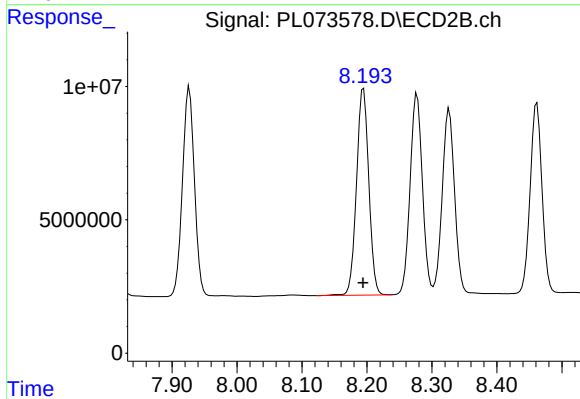
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 91898157
Conc: 50.34 ng/ml



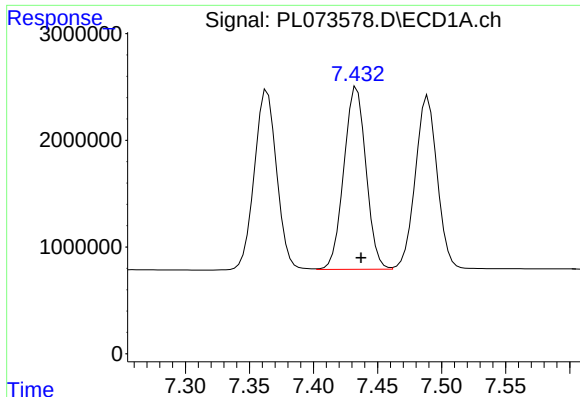
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 20433107
Conc: 46.73 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 101502316
Conc: 49.70 ng/ml



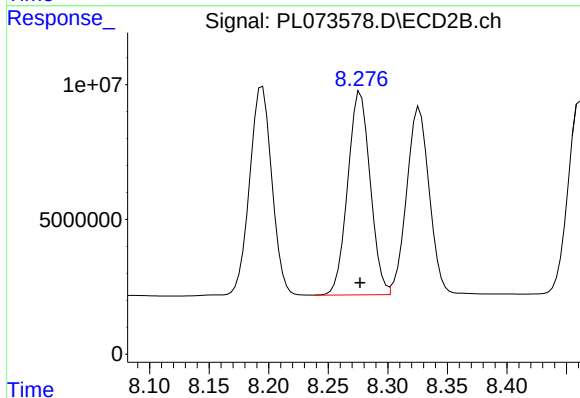
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.004 min
Response: 20594536
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-9-3MS

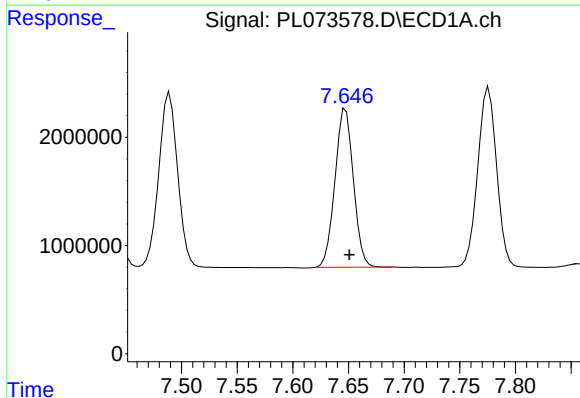
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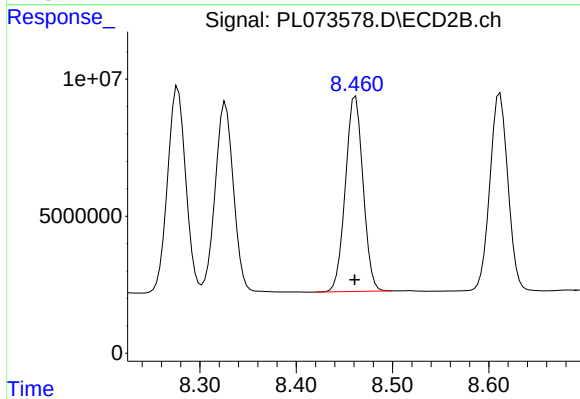
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 99095752
Conc: 49.55 ng/ml



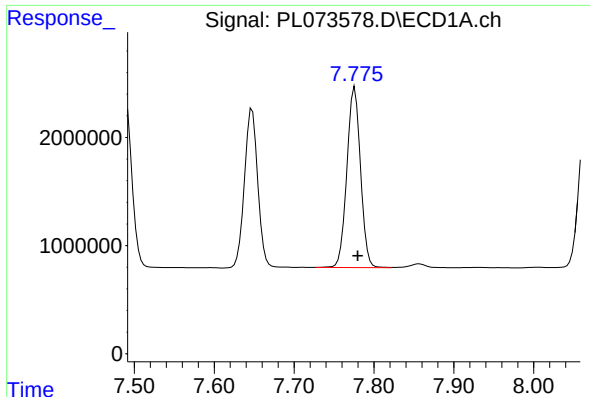
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 16879213
Conc: 47.04 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 90425677
Conc: 50.45 ng/ml



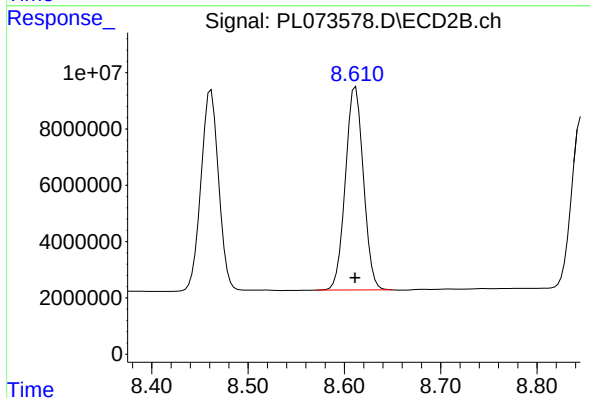
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 19829660
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-9-3MS

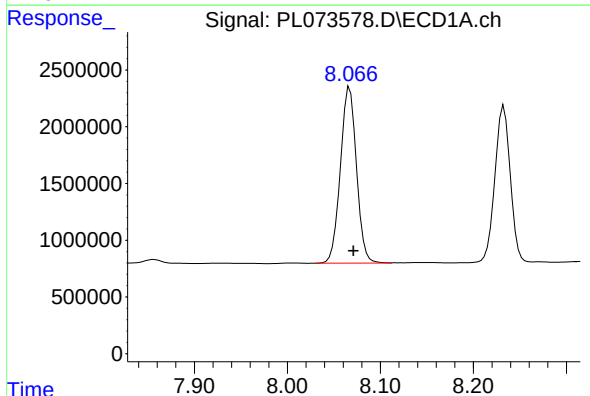
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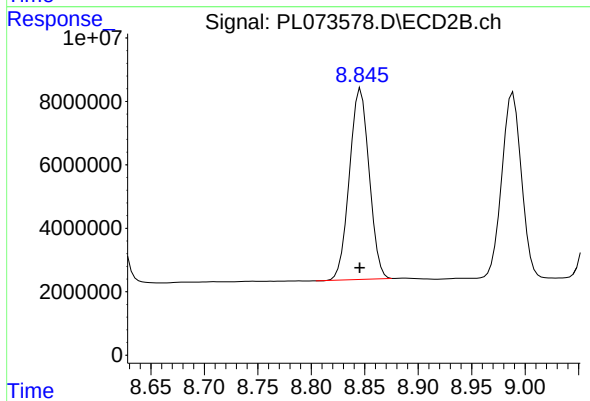
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 93474088
Conc: 50.67 ng/ml



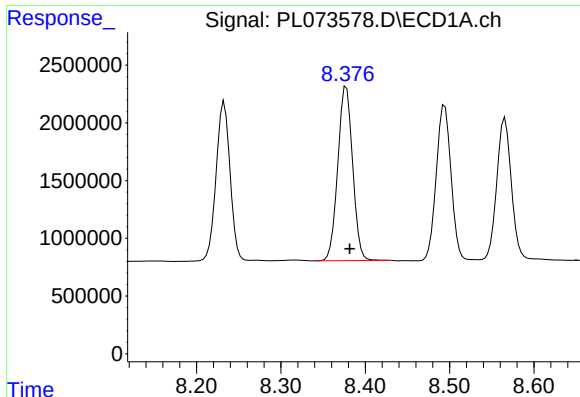
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 18648427
Conc: 48.06 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 77293973
Conc: 50.21 ng/ml



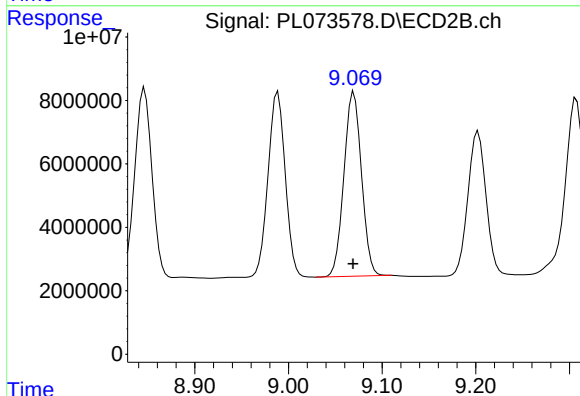
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 18492511
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-9-3MS

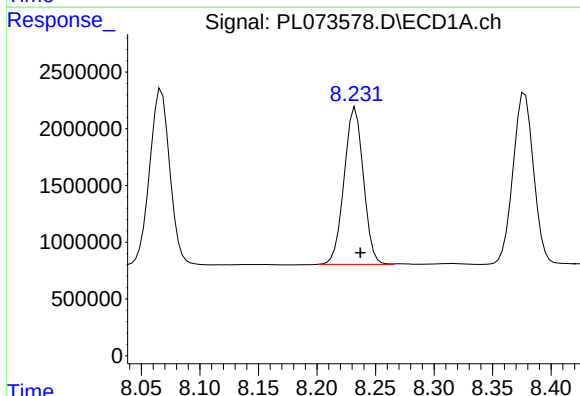
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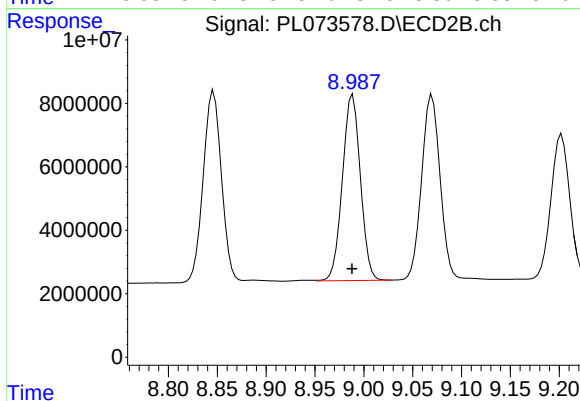
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 75775105
Conc: 49.34 ng/ml



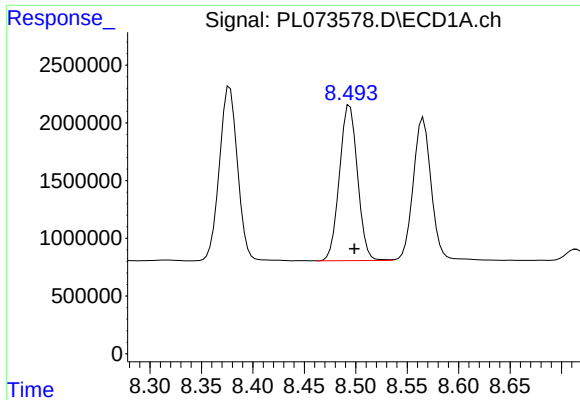
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 15865905
Conc: 48.86 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 74973716
Conc: 51.36 ng/ml



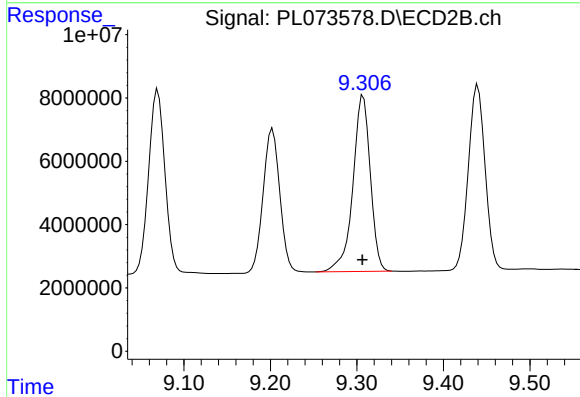
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.004 min
Response: 16461175
Conc: 43.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
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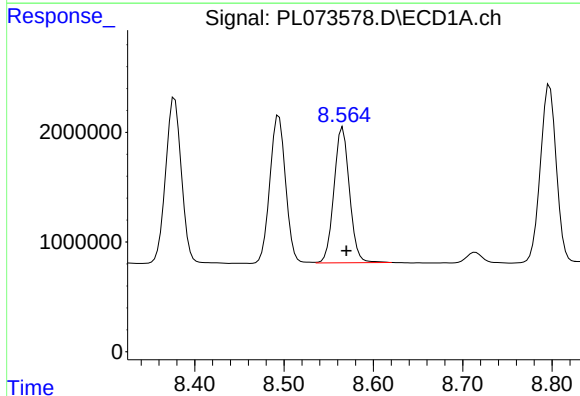
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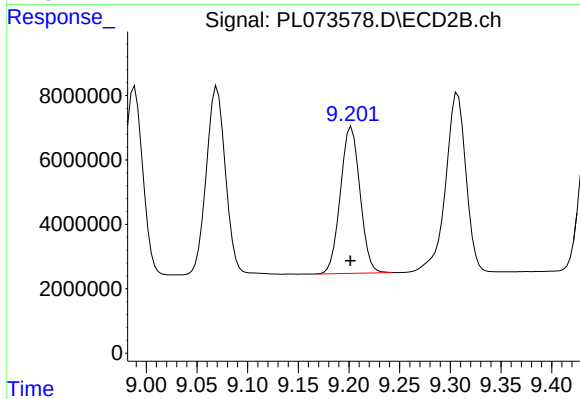
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 77659598
Conc: 47.51 ng/ml



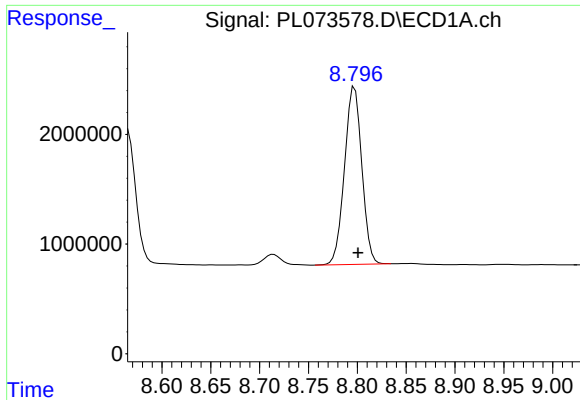
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 14894634
Conc: 47.10 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 61191336
Conc: 49.90 ng/ml m



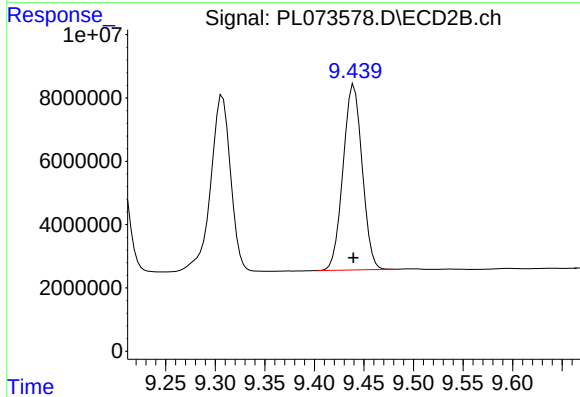
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 19997095
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-9-3MS

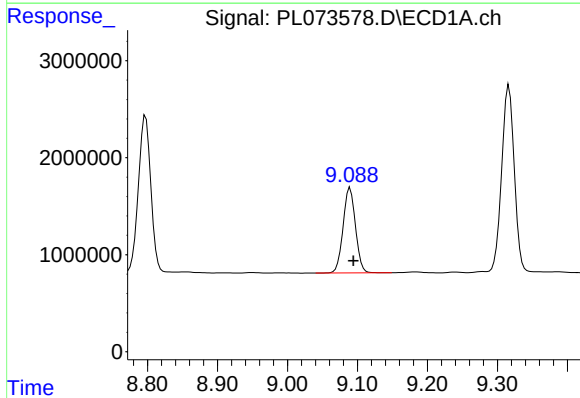
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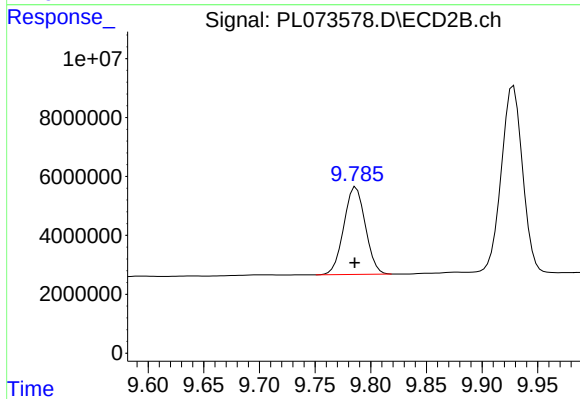
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 78667503
Conc: 49.91 ng/ml



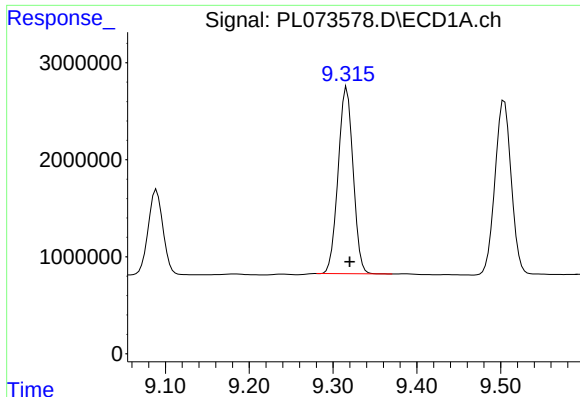
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 10807144
Conc: 42.13 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.001 min
Response: 39934964
Conc: 44.32 ng/ml



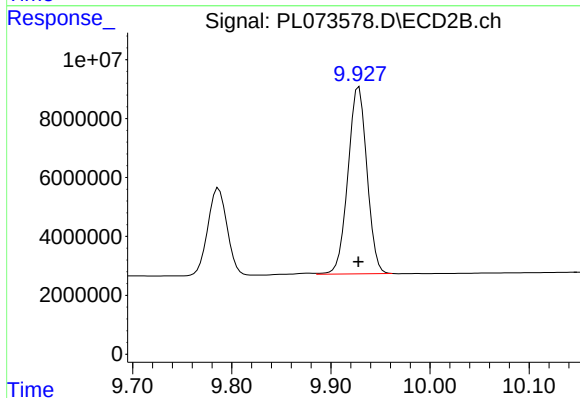
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 23863777
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-8-9-3MS

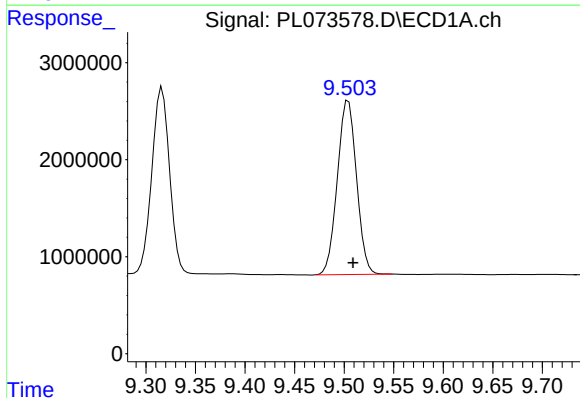
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Reviewed By :Abdul Mirza 03/23/2022
Supervised By :mohammad ahmed 03/23/2022



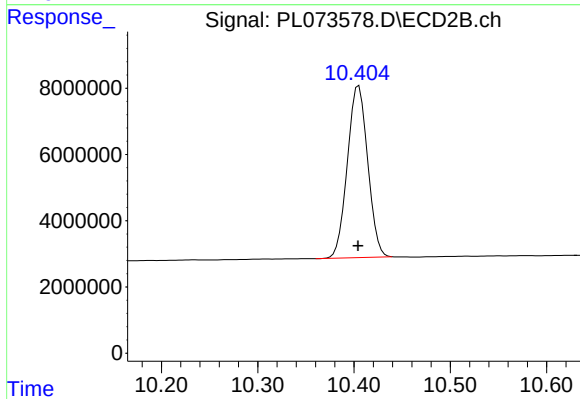
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 84636262
Conc: 51.28 ng/ml



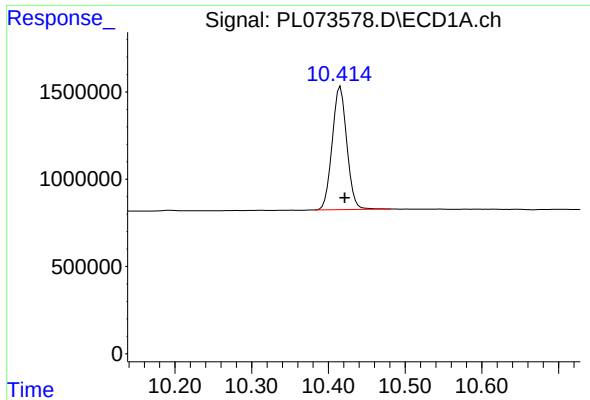
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 24189484
Conc: 51.30 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 76093950
Conc: 56.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 9348528
Conc: 18.38 ng/ml

Instrument :

ECD_L

ClientSampleId :

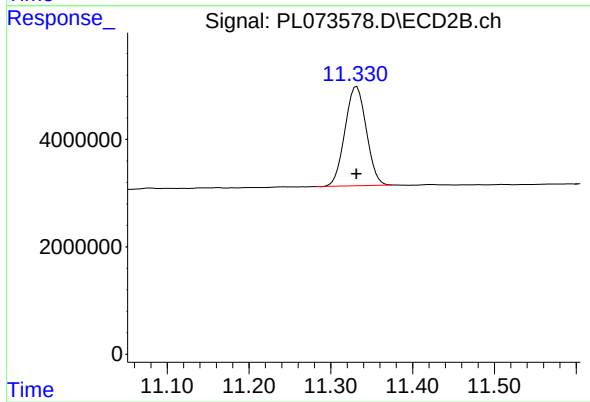
WC-8-9-3MS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/23/2022

Supervised By :mohammad ahmed 03/23/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 33451177
Conc: 18.71 ng/ml