

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041222\
 Data File : PL073975.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2022 13:27
 Operator : AR\AJ
 Sample : PB144026BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144026BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/13/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 16:36:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.643	5.488	6109664	32217675	18.909	18.070
2) SA Decachlor...	10.413	11.332	9339866	42137730	17.960	23.856 #
Target Compounds						
2) A alpha-BHC	5.351	6.052	19130428	115.1E6	45.585	45.712
3) MA gamma-BHC...	5.774	6.441	18943861	103.8E6	45.169	43.832
4) MA Heptachlor	6.185	7.101	18741207	100.9E6	41.605	38.666
5) MB Aldrin	6.510	7.469	18664630	101.2E6	44.970	43.078
6) B beta-BHC	6.155	6.678	9195856	45731540	45.006	40.577
7) B delta-BHC	6.416	6.946	18948573	102.5E6	45.806	41.959
8) B Heptachlo...	7.086	7.925	19294807	94114118	44.983	41.799
9) A Endosulfan I	7.490	8.326	19287258	84018864	47.028	42.678
10) B gamma-Chl...	7.363	8.194	19322563	116.9E6	44.056m	52.422
11) B alpha-Chl...	7.434	8.277	21334011	92964222	48.292	43.187
12) B 4,4'-DDE	7.648	8.461	16350159	84235687	44.817	42.293
13) MA Dieldrin	7.776	8.612	18953786	81976354	44.123	40.880
14) MA Endrin	8.067	8.845	18133723	70321790	44.639	41.521m
15) B Endosulfa...	8.376	9.070	15407435	64666046	37.382m	37.224
16) A 4,4'-DDD	8.232	8.988	17110017	71955696	52.984m	46.767
17) MA 4,4'-DDT	8.494	9.307	13312262	53109043	36.014	29.960
18) B Endrin al...	8.566	9.201	13190256	52163907	40.767	40.386m
19) B Endosulfa...	8.797	9.440	18025188	63190740	42.211	37.968
20) A Methoxychlor	9.089	9.787	9538589	30537752	38.420	31.749m
21) B Endrin ke...	9.316	9.929	20656316	69550950	42.281	40.181
22) Mirex	9.503	10.404	21032262	62527697	45.095	45.395m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041222\
 Data File : PL073975.D
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 Acq On : 12 Apr 2022 13:27
 Operator : AR\AJ
 Sample : PB144026BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

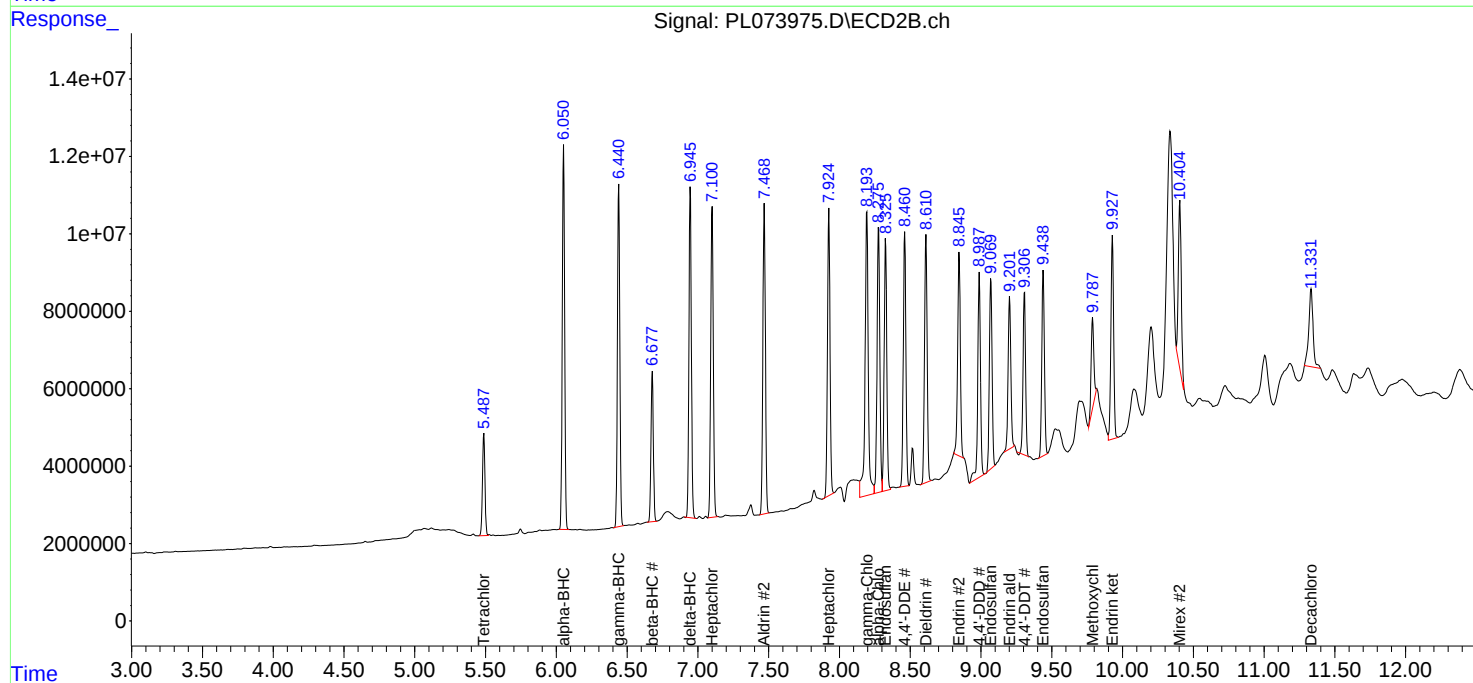
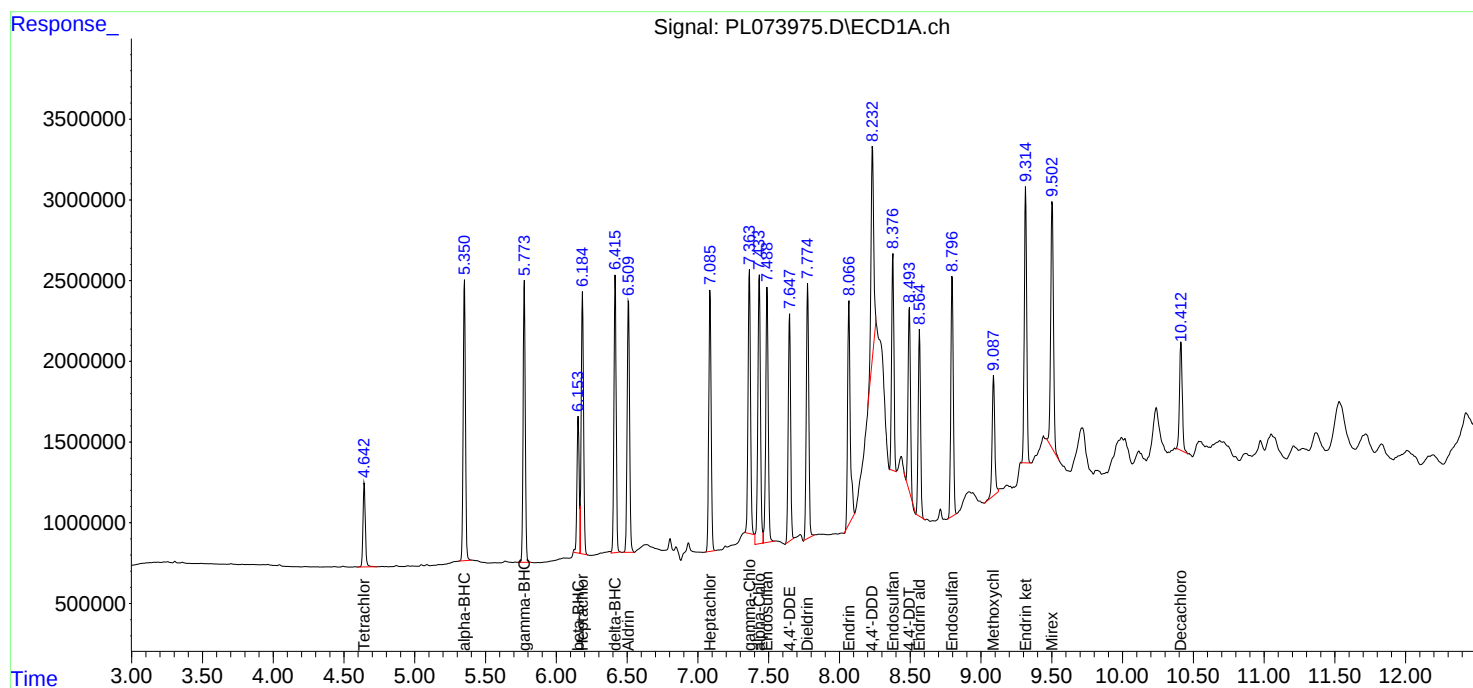
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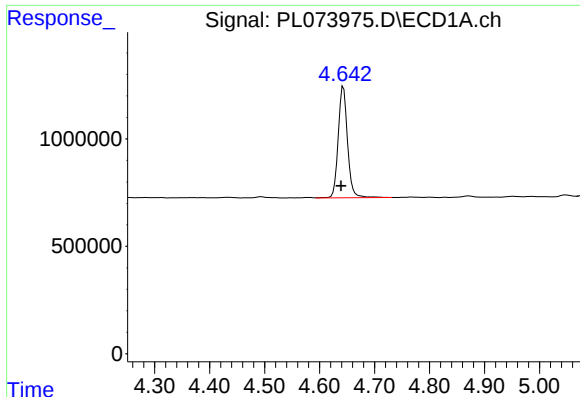
Reviewed By :Abdul Mirza 04/13/2022

Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 16:36:16 2022
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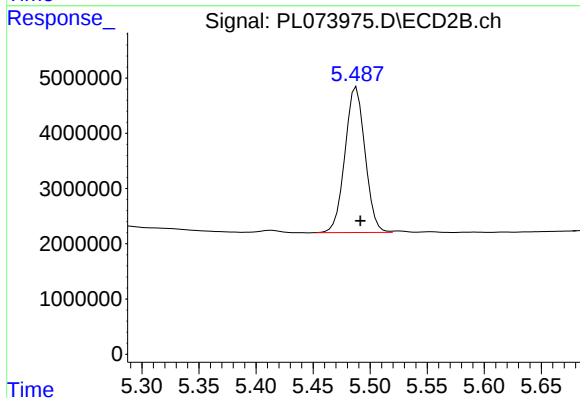
#1 Tetrachloro-m-xylene

R.T.: 4.643 min
Delta R.T.: 0.004 min
Response: 6109664
Conc: 18.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

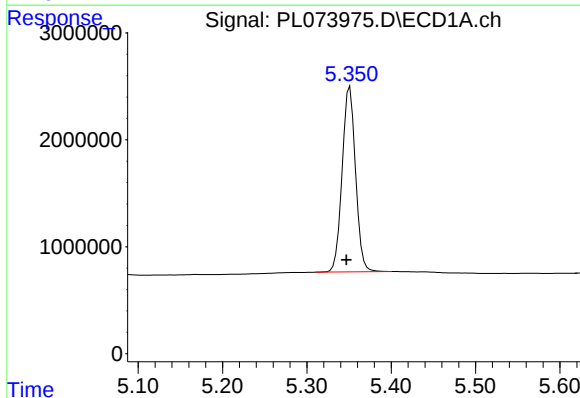
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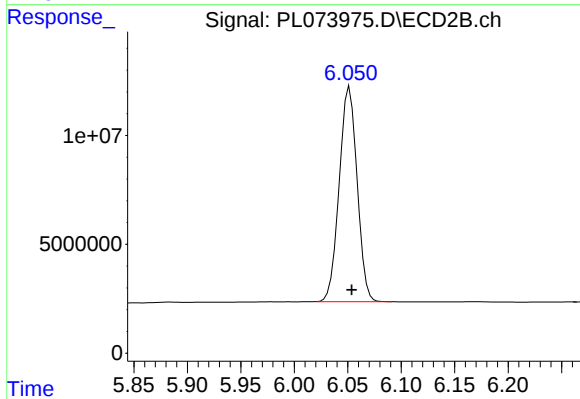
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 32217675
Conc: 18.07 ng/ml



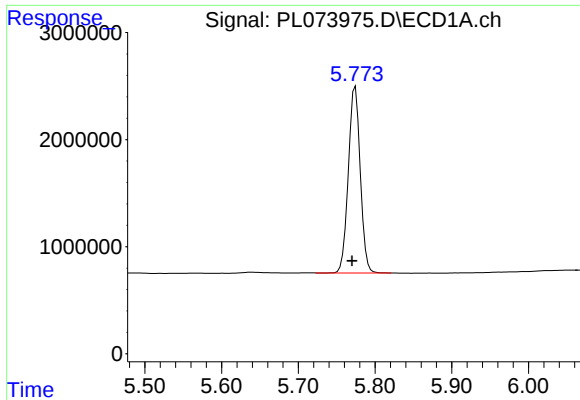
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.004 min
Response: 19130428
Conc: 45.59 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 115106470
Conc: 45.71 ng/ml



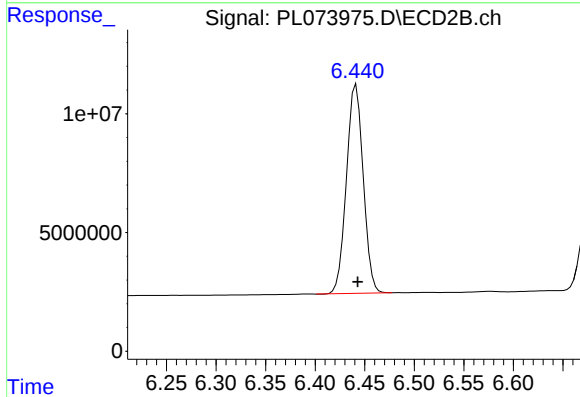
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: 0.004 min
Response: 18943861
Conc: 45.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

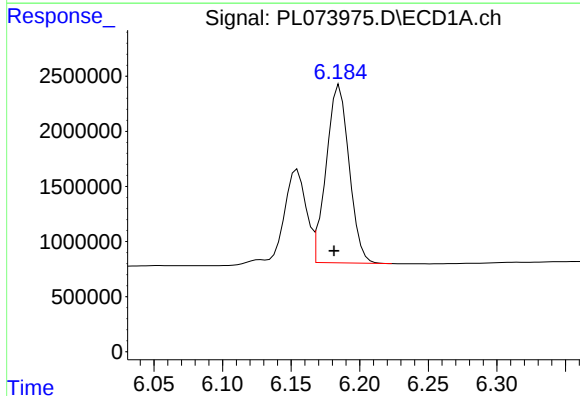
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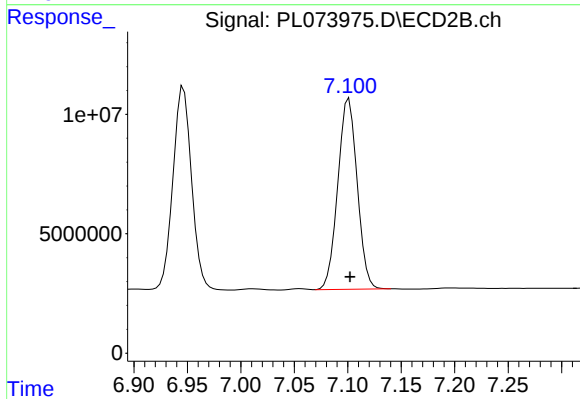
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 103755971
Conc: 43.83 ng/ml



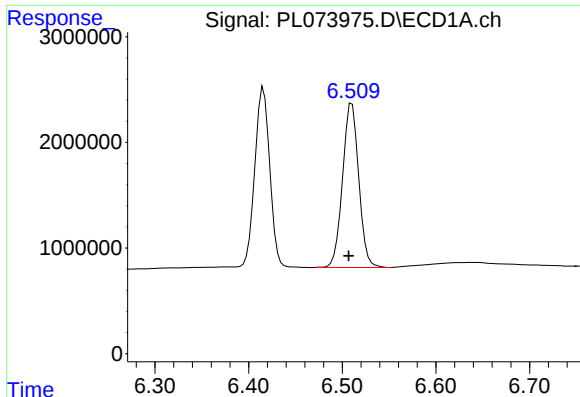
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: 0.004 min
Response: 18741207
Conc: 41.60 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 100856988
Conc: 38.67 ng/ml



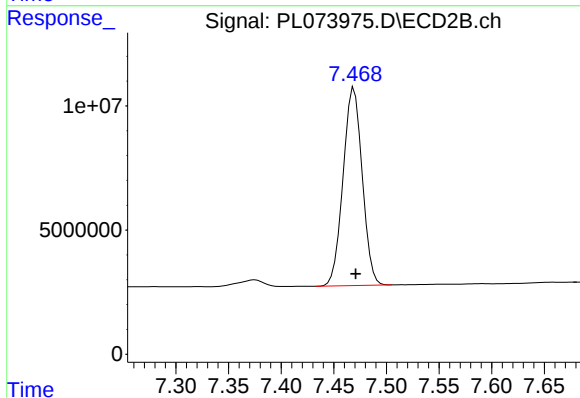
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: 0.004 min
Response: 18664630
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

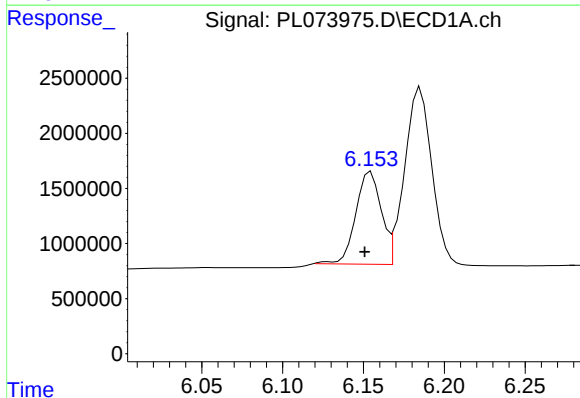
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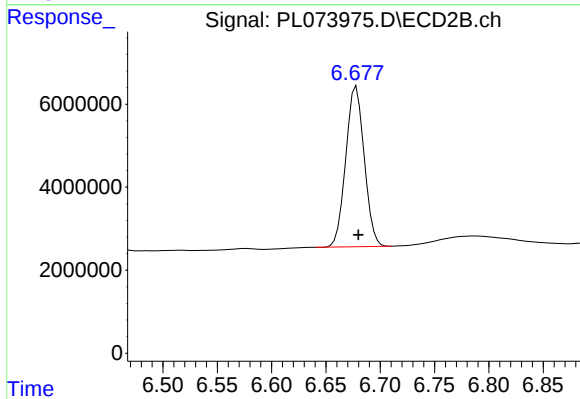
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 101173039
Conc: 43.08 ng/ml



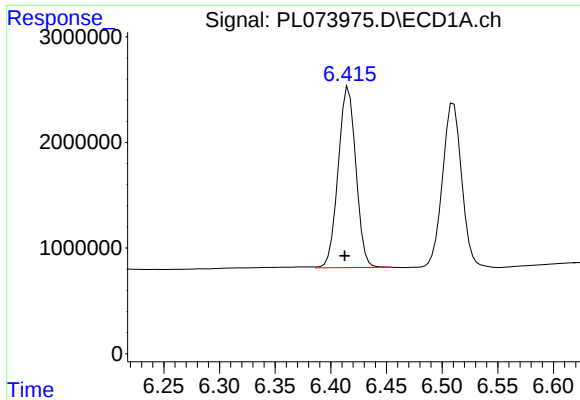
#6 beta-BHC

R.T.: 6.155 min
Delta R.T.: 0.004 min
Response: 9195856
Conc: 45.01 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 45731540
Conc: 40.58 ng/ml



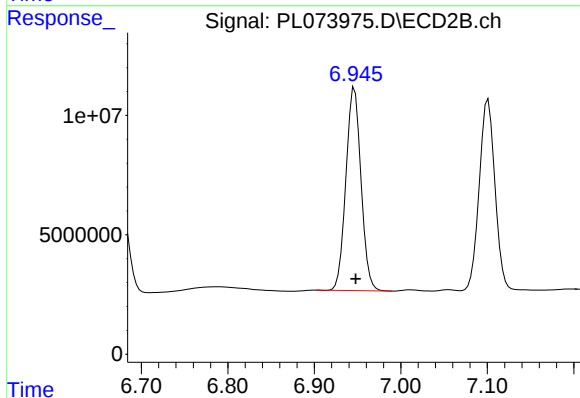
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.003 min
Response: 18948573
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

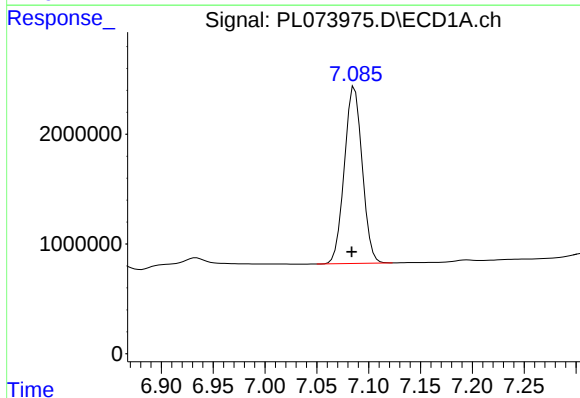
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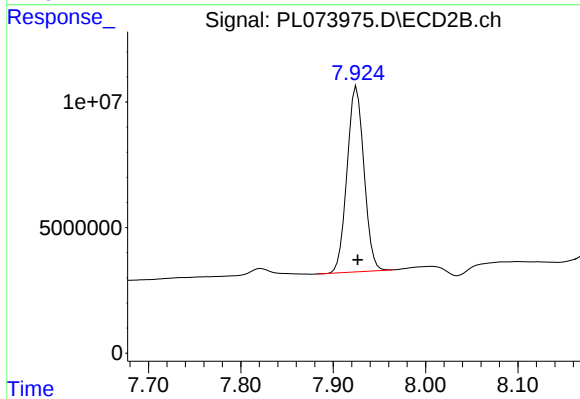
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.001 min
Response: 102474994
Conc: 41.96 ng/ml



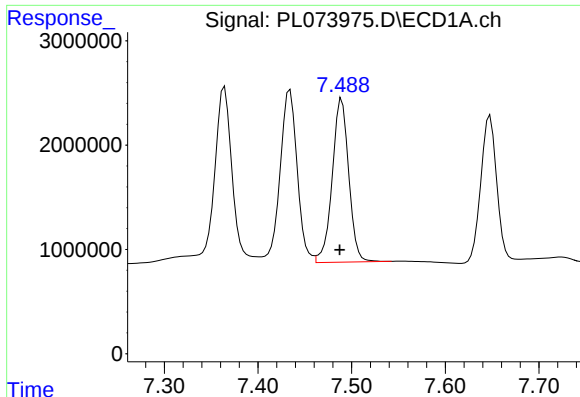
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: 0.003 min
Response: 19294807
Conc: 44.98 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.001 min
Response: 94114118
Conc: 41.80 ng/ml



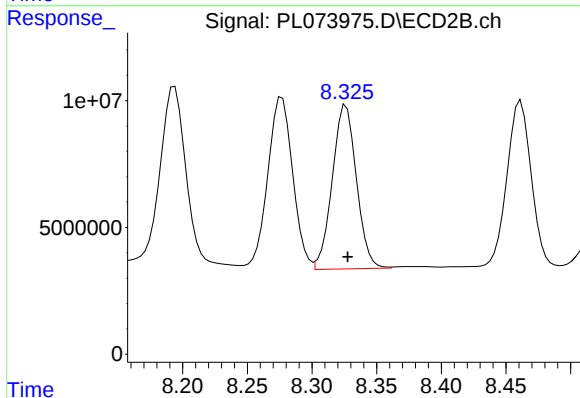
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: 0.002 min
Response: 19287258
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

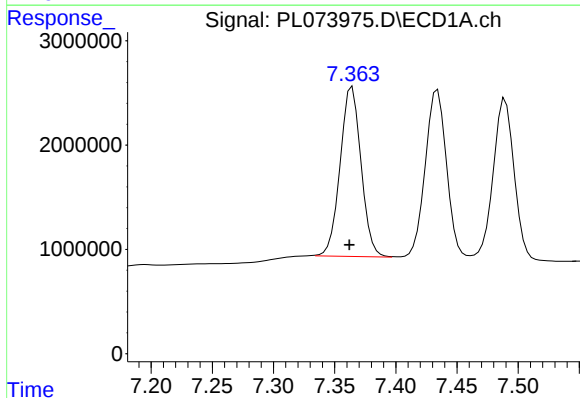
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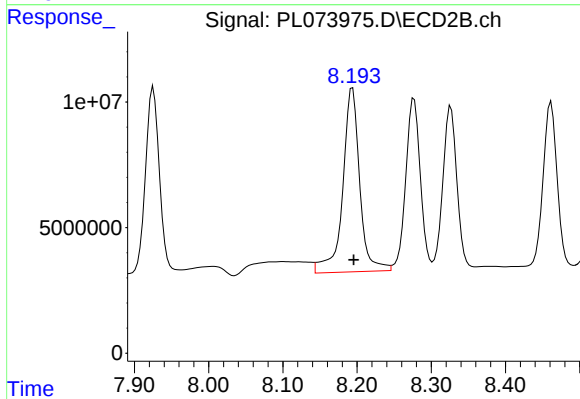
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 84018864
Conc: 42.68 ng/ml



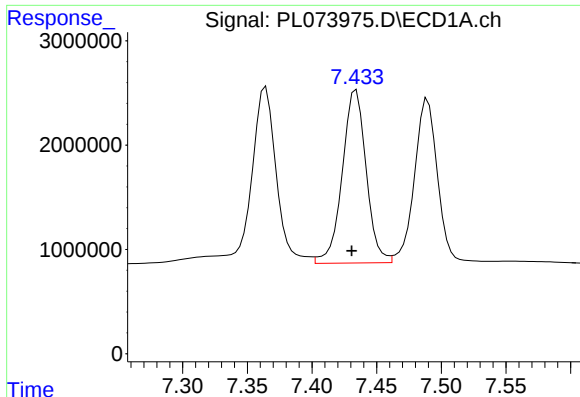
#10 gamma-Chlordane

R.T.: 7.363 min
Delta R.T.: 0.001 min
Response: 19322563
Conc: 44.06 ng/ml m



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 116920600
Conc: 52.42 ng/ml



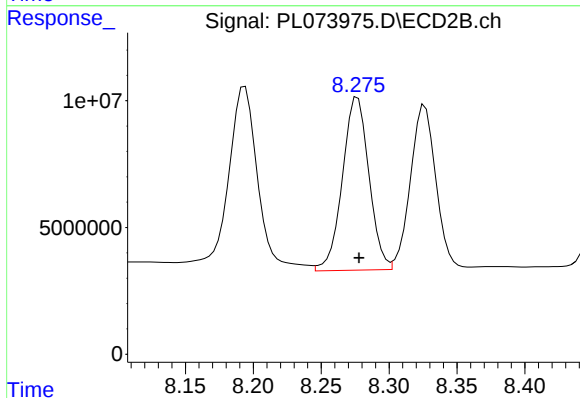
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: 0.003 min
Response: 21334011
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

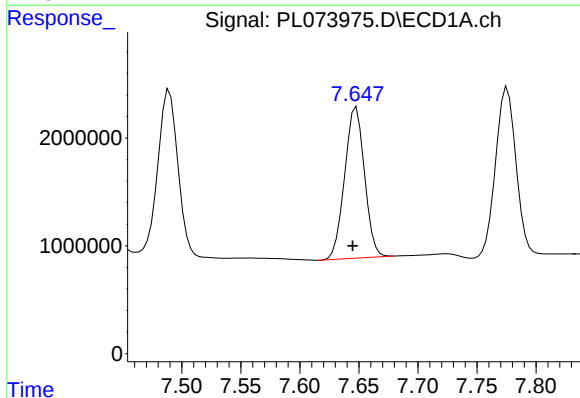
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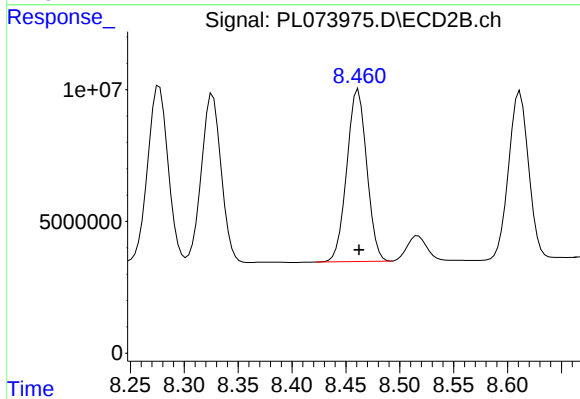
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 92964222
Conc: 43.19 ng/ml



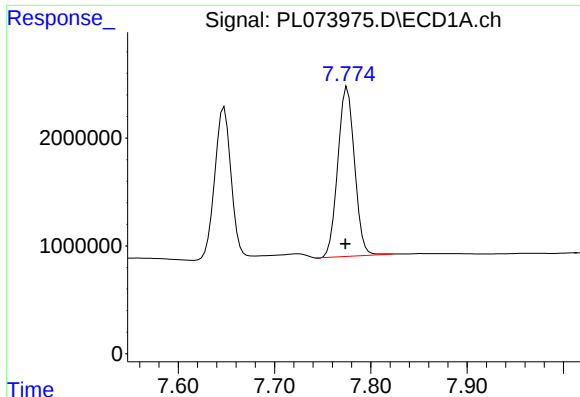
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: 0.003 min
Response: 16350159
Conc: 44.82 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 84235687
Conc: 42.29 ng/ml



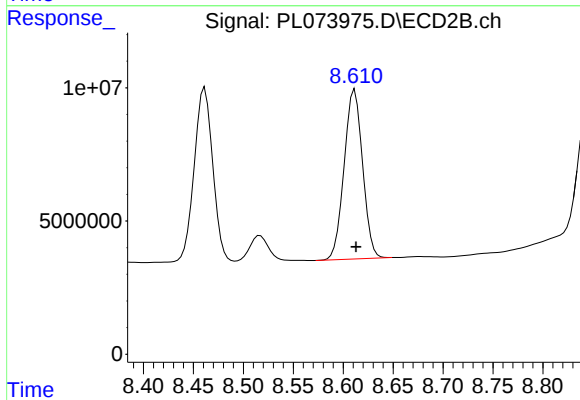
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: 0.002 min
Response: 18953786
Conc: 44.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

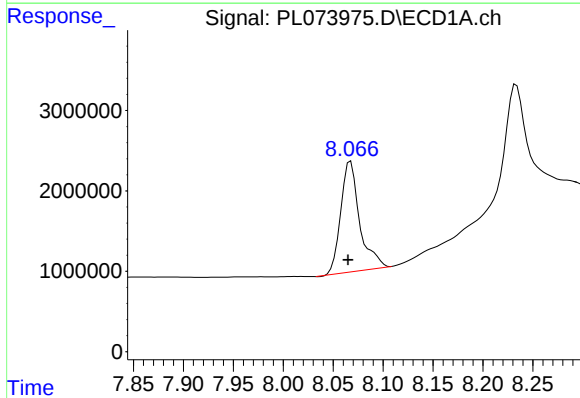
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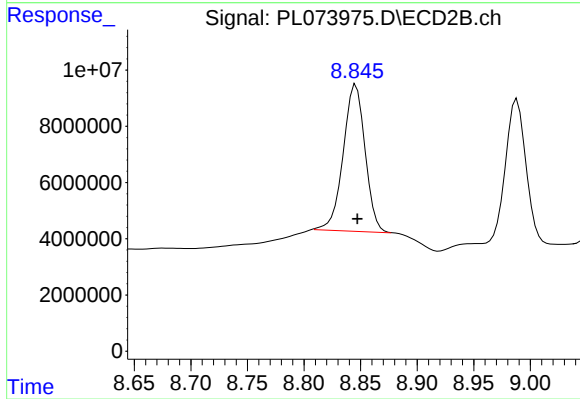
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: -0.001 min
Response: 81976354
Conc: 40.88 ng/ml



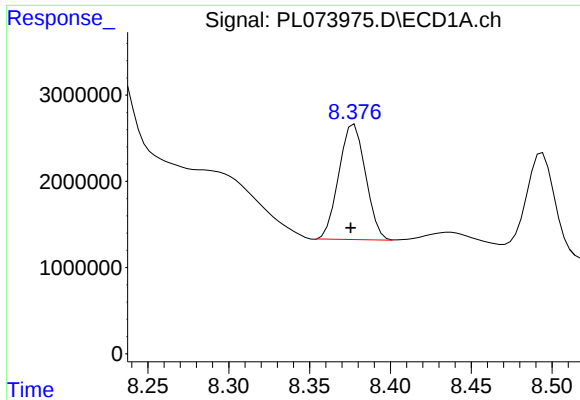
#14 Endrin

R.T.: 8.067 min
Delta R.T.: 0.003 min
Response: 18133723
Conc: 44.64 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.003 min
Response: 70321790
Conc: 41.52 ng/ml m



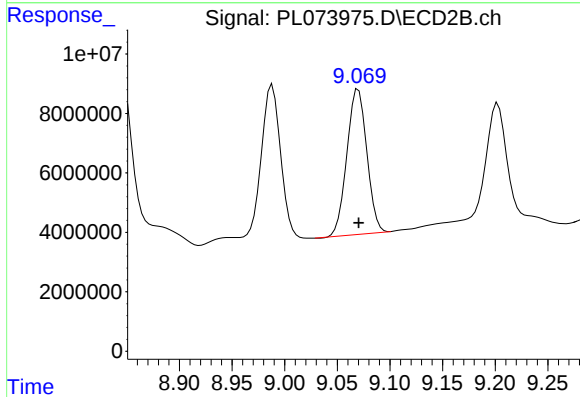
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 15407435
Conc: 37.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

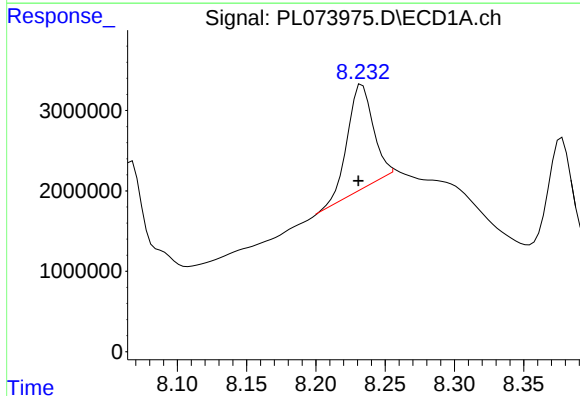
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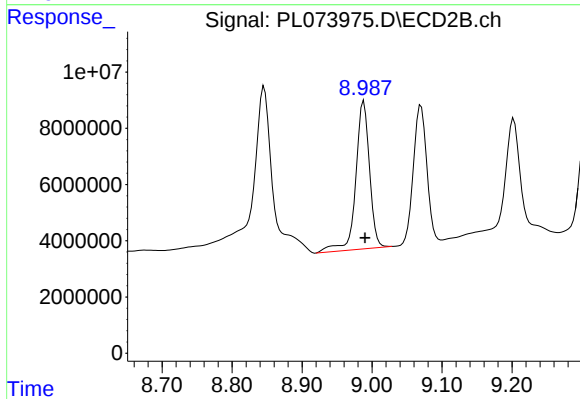
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 64666046
Conc: 37.22 ng/ml



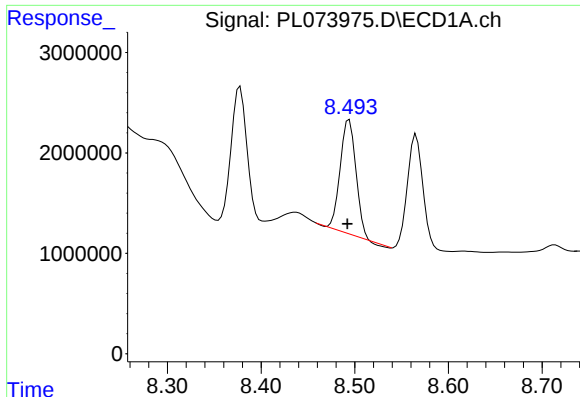
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: 0.001 min
Response: 17110017
Conc: 52.98 ng/ml m



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 71955696
Conc: 46.77 ng/ml



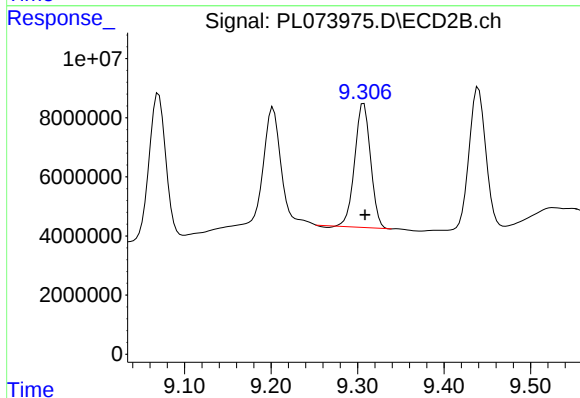
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: 0.002 min
Response: 13312262
Conc: 36.01 ng/ml

Instrument :
ECD_L
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PB144026BS

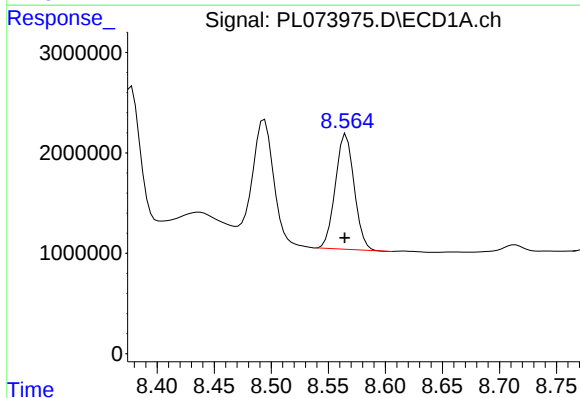
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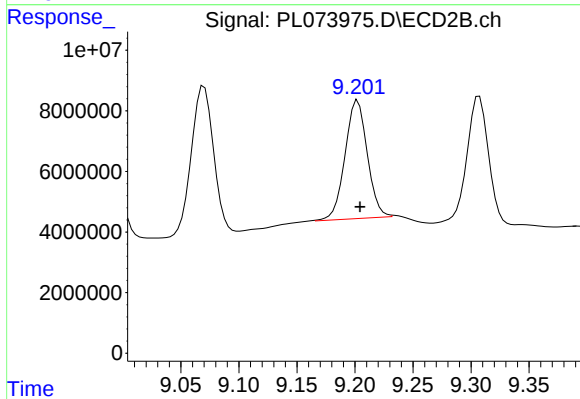
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 53109043
Conc: 29.96 ng/ml



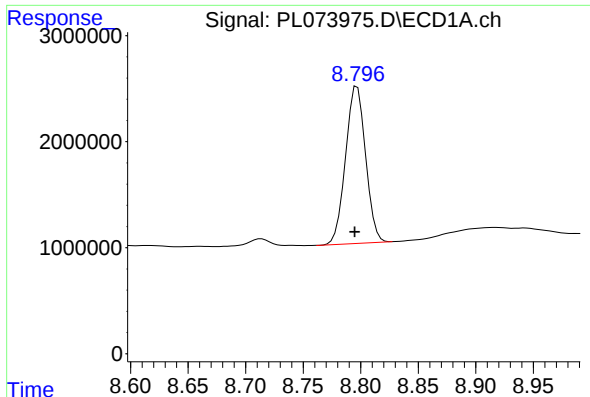
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: 0.001 min
Response: 13190256
Conc: 40.77 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 52163907
Conc: 40.39 ng/ml m



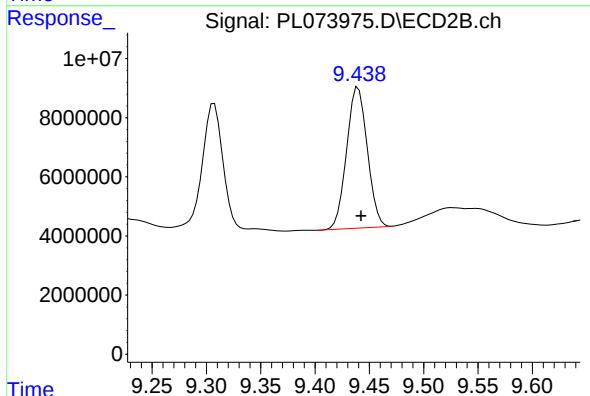
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: 0.002 min
Response: 18025188
Conc: 42.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

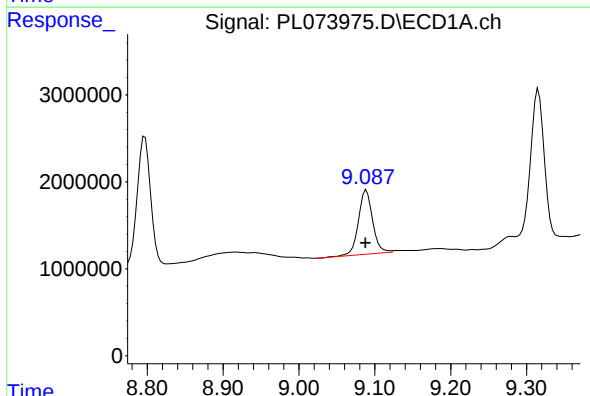
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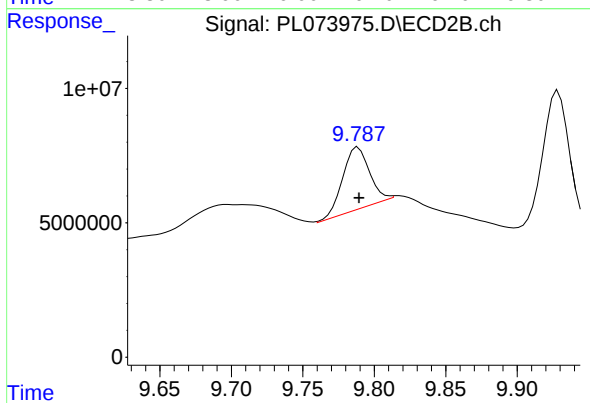
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 63190740
Conc: 37.97 ng/ml



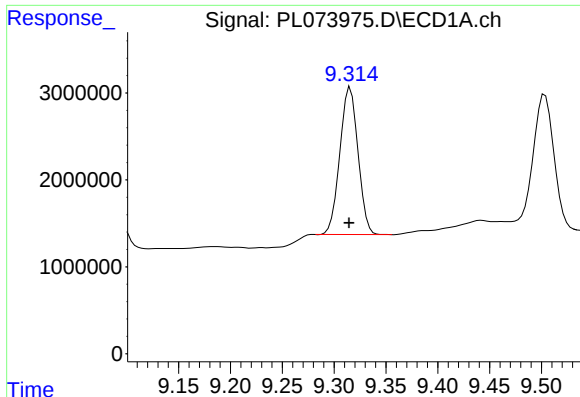
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: 0.002 min
Response: 9538589
Conc: 38.42 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 30537752
Conc: 31.75 ng/ml m



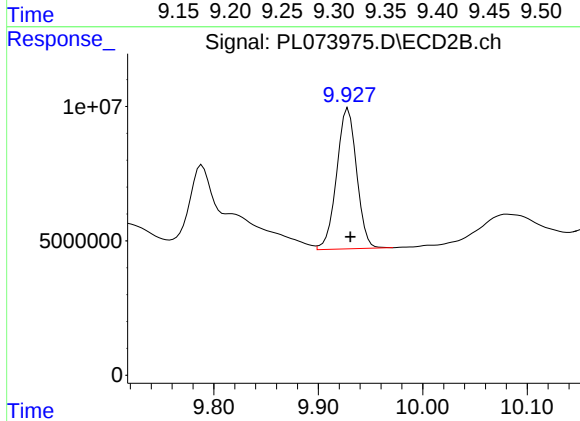
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: 0.001 min
Response: 20656316
Conc: 42.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

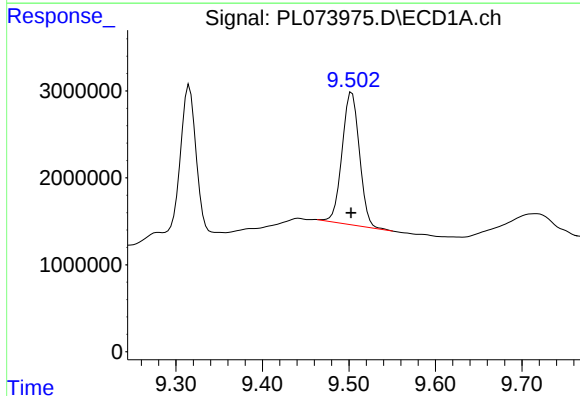
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APPROVED

Reviewed By :Abdul Mirza 04/13/2022
Supervised By :mohammad ahmed 04/13/2022



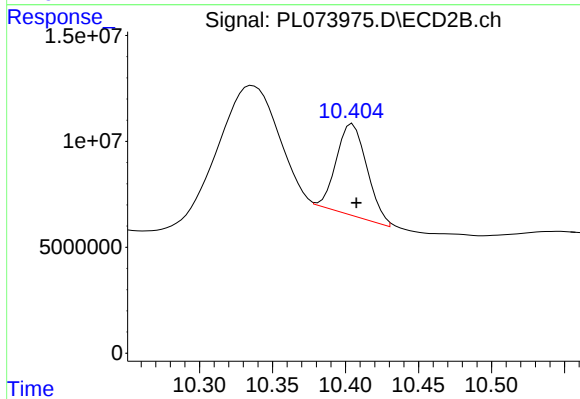
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 69550950
Conc: 40.18 ng/ml



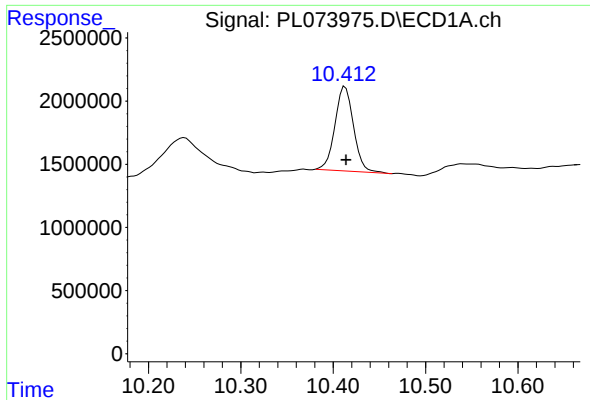
#22 Mirex

R.T.: 9.503 min
Delta R.T.: 0.000 min
Response: 21032262
Conc: 45.09 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.003 min
Response: 62527697
Conc: 45.40 ng/ml m



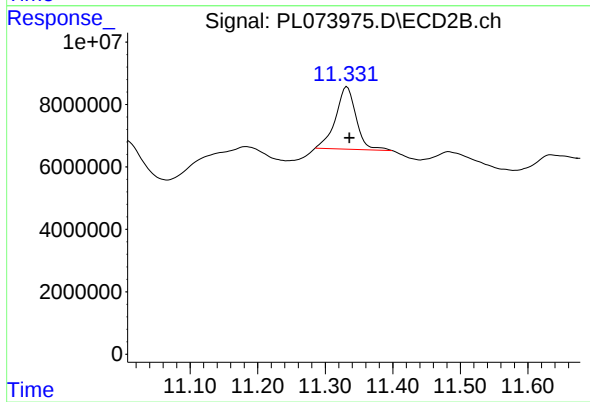
#28 Decachlorobiphenyl

R.T.: 10.413 min
Delta R.T.: 0.000 min
Response: 9339866
Conc: 17.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 42137730
Conc: 23.86 ng/ml