

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032222\
 Data File : PL073579.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Mar 2022 16:59
 Operator : AR\AJ
 Sample : N1908-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

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 01:48:43 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	5623882	29988599	17.559	18.272
28)	SA Decachlor...	10.415	11.331	9302990	33630404	18.295	18.807
Target Compounds							
2)	A alpha-BHC	5.349	6.054	19299277	111.3E6	46.820	49.471
3)	MA gamma-BHC...	5.771	6.442	19371778	104.3E6	46.440m	48.845m
4)	MA Heptachlor	6.184	7.103	20366953	113.9E6	45.140	48.607
5)	MB Aldrin	6.509	7.470	18762342	103.2E6	45.411	49.265
6)	B beta-BHC	6.151	6.679	9405902	47267147	45.683m	45.346
7)	B delta-BHC	6.414	6.947	19157925	107.5E6	47.698	49.914
8)	B Heptachlo...	7.086	7.926	19857573	98660776	46.075	49.397
9)	A Endosulfan I	7.489	8.327	19041548	91047089	46.418	49.878
10)	B gamma-Chl...	7.364	8.194	20130915	100.2E6	46.034	49.036
11)	B alpha-Chl...	7.433	8.277	20358753	97853386	46.068	48.927
12)	B 4,4'-DDE	7.647	8.461	16749809	89134972	46.678	49.730
13)	MA Dieldrin	7.776	8.612	19627333	92147990	47.110	49.952
14)	MA Endrin	8.067	8.846	18493375	75858708	47.663	49.278
15)	B Endosulfa...	8.377	9.070	18316844	74975690	46.861	48.818
16)	A 4,4'-DDD	8.233	8.989	15731669	74047102	48.444	50.727
17)	MA 4,4'-DDT	8.494	9.307	16283178	76190946	43.056	46.613
18)	B Endrin al...	8.566	9.201	14762495	60501607	46.680	49.336m
19)	B Endosulfa...	8.797	9.440	19458421	77664307	46.064	49.277
20)	A Methoxychlor	9.089	9.786	10694998	39470945	41.690	43.804
21)	B Endrin ke...	9.316	9.928	23748730	84000404	48.544	50.891
22)	Mirex	9.504	10.405	24146958	75766153	51.206	55.774

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

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Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

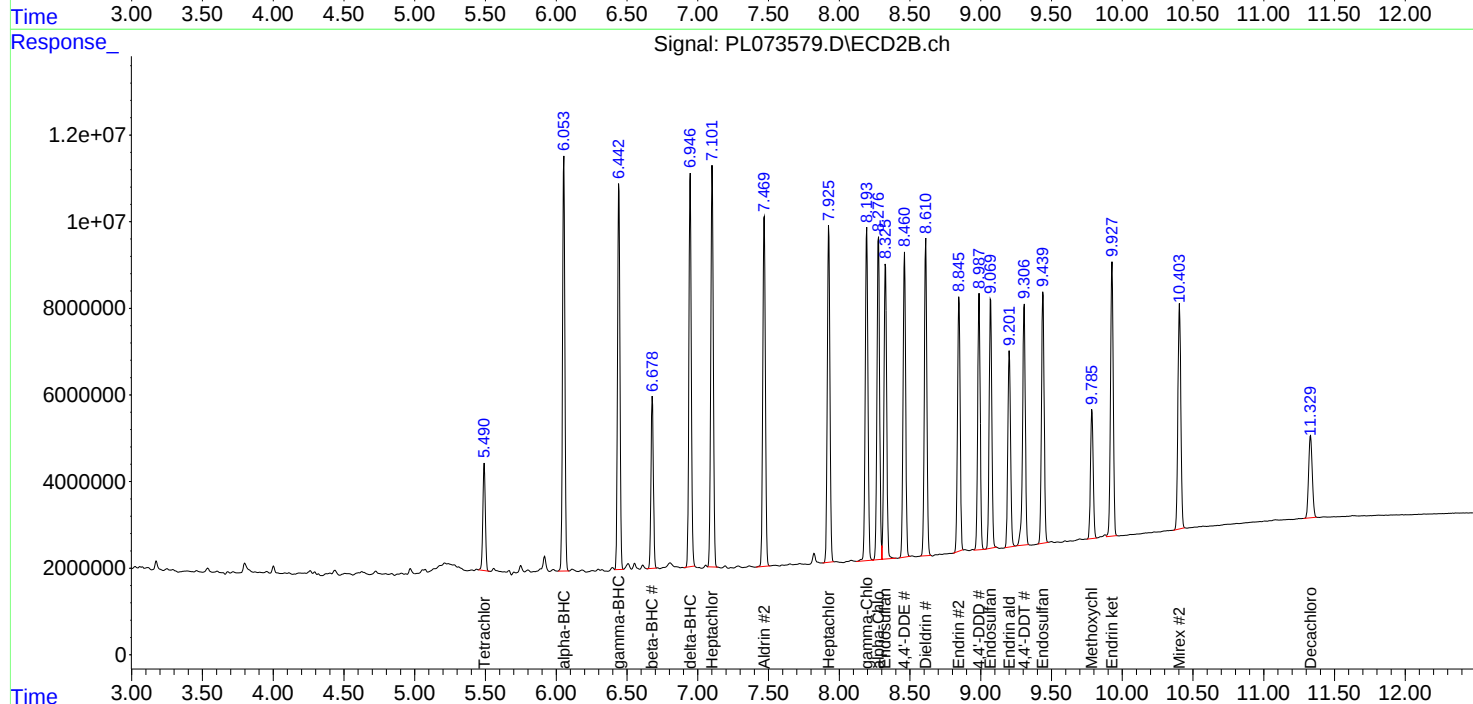
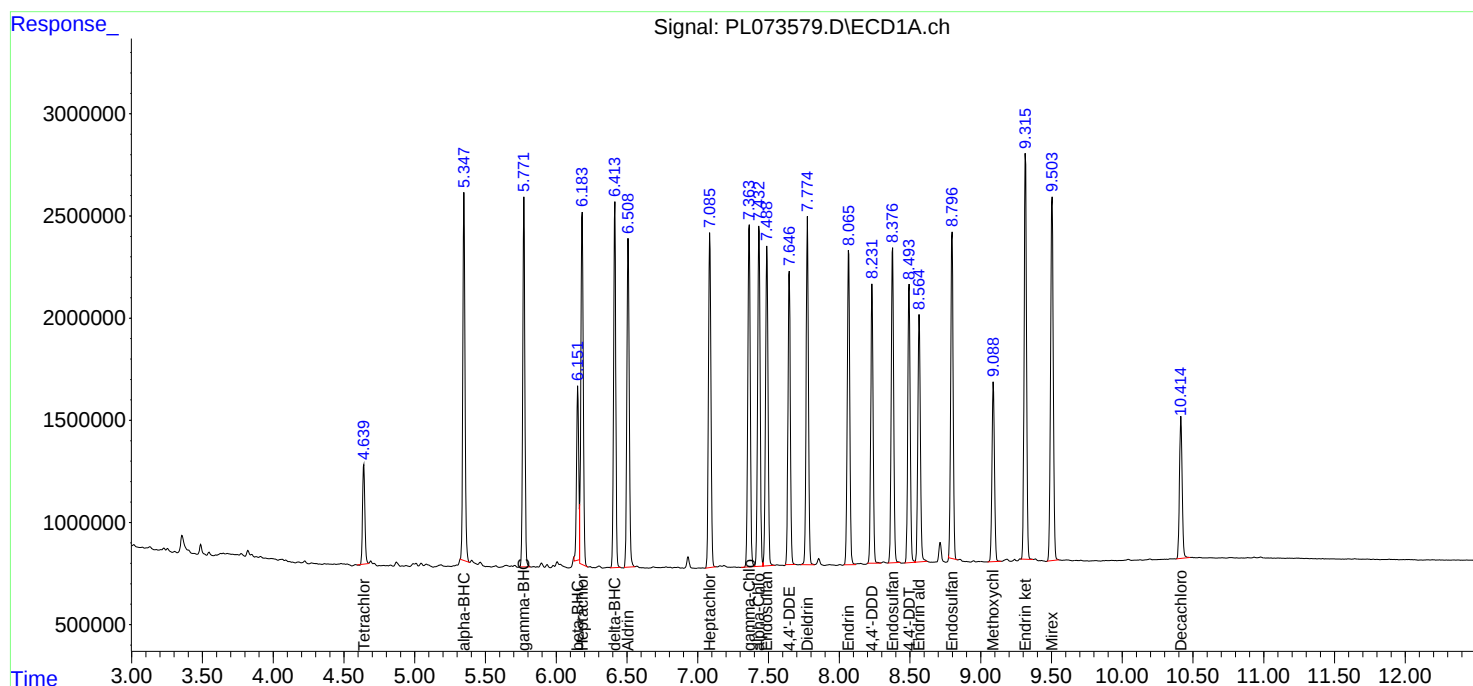
APPROVED

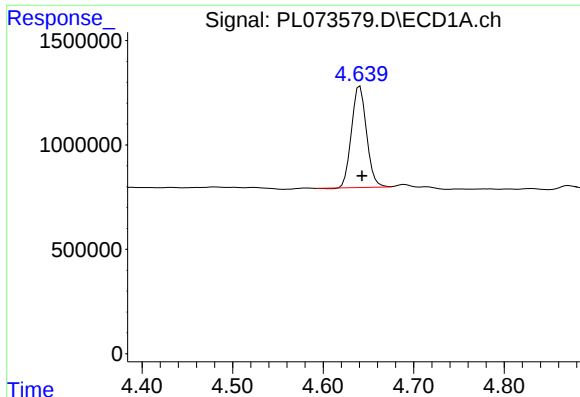
Reviewed By :Abdul Mirza 03/23/2022

Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 23 01:48:43 2022
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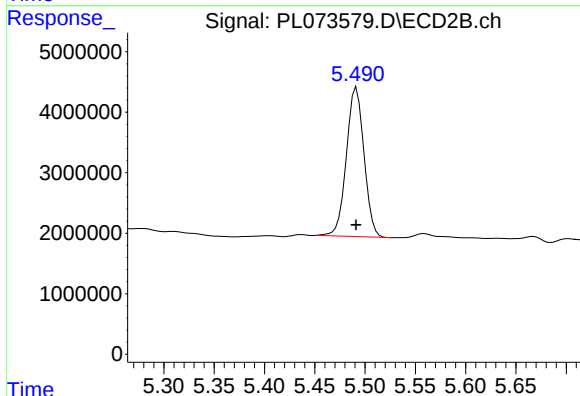
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 5623882
Conc: 17.56 ng/ml

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

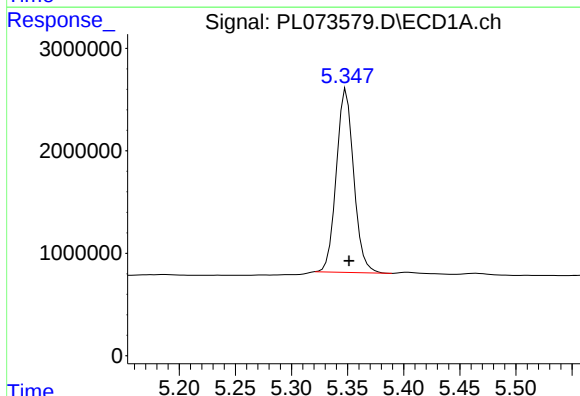
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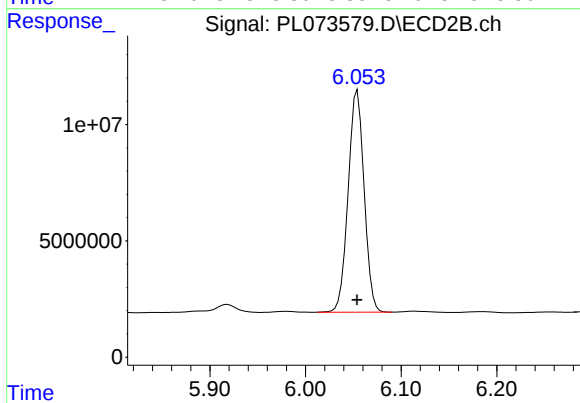
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 29988599
Conc: 18.27 ng/ml



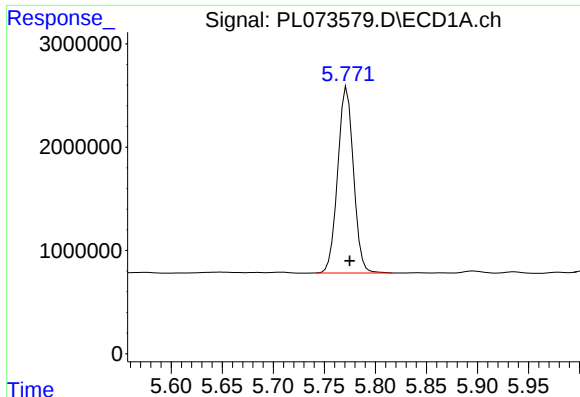
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 19299277
Conc: 46.82 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 111291951
Conc: 49.47 ng/ml



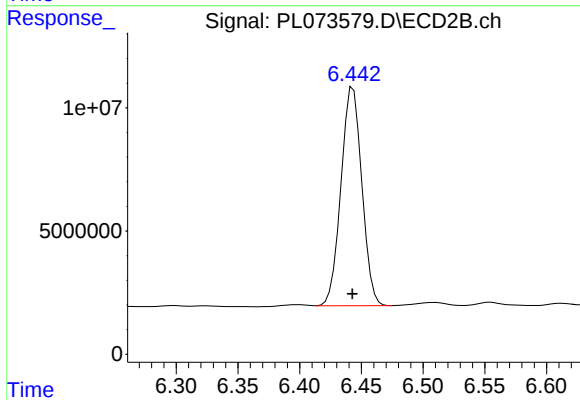
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 19371778
Conc: 46.44 ng/ml

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

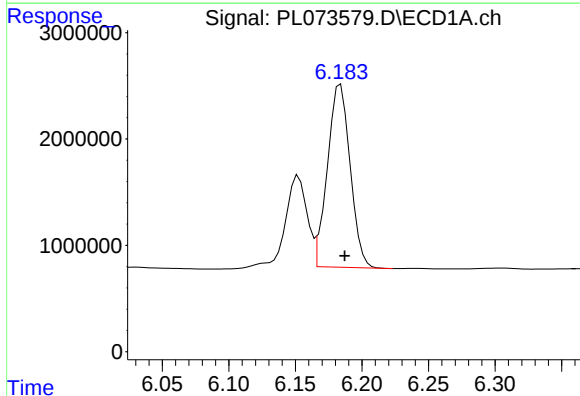
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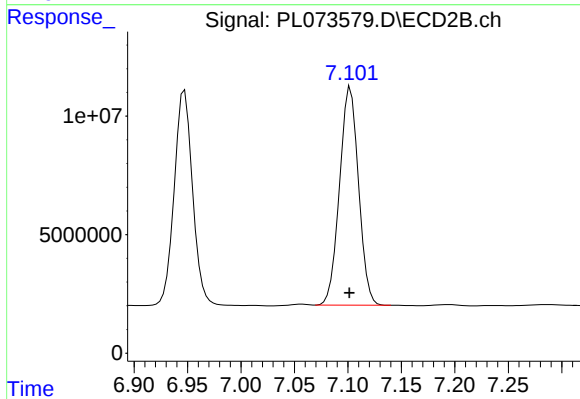
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 104288971
Conc: 48.85 ng/ml m



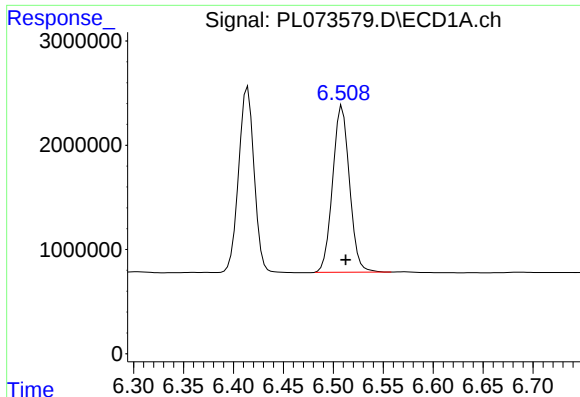
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 20366953
Conc: 45.14 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 113889760
Conc: 48.61 ng/ml



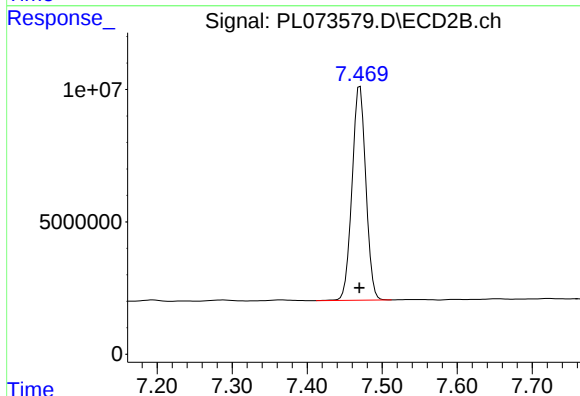
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 18762342
Conc: 45.41 ng/ml

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

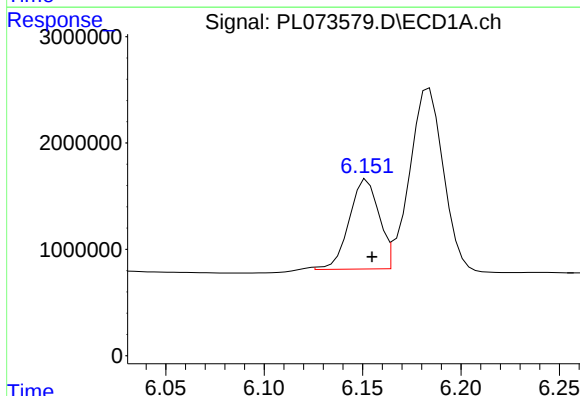
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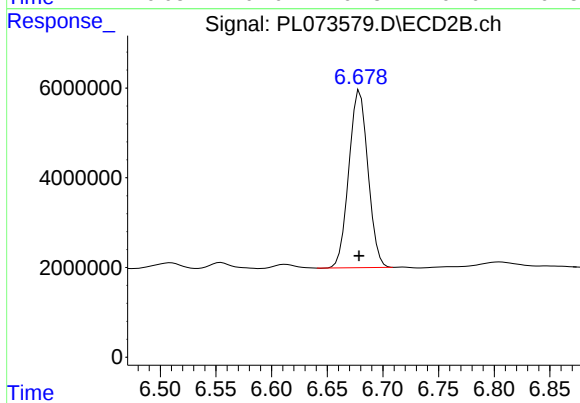
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 103209785
Conc: 49.27 ng/ml



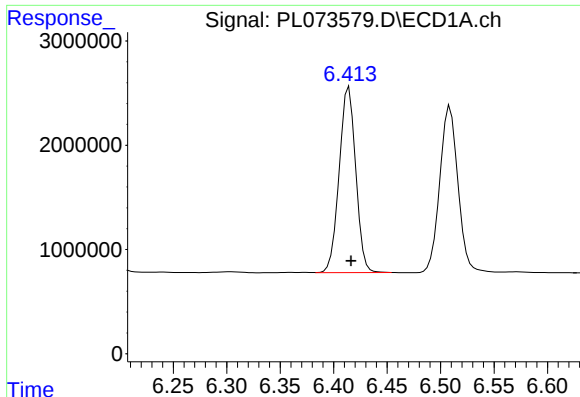
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 9405902
Conc: 45.68 ng/ml m



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 47267147
Conc: 45.35 ng/ml



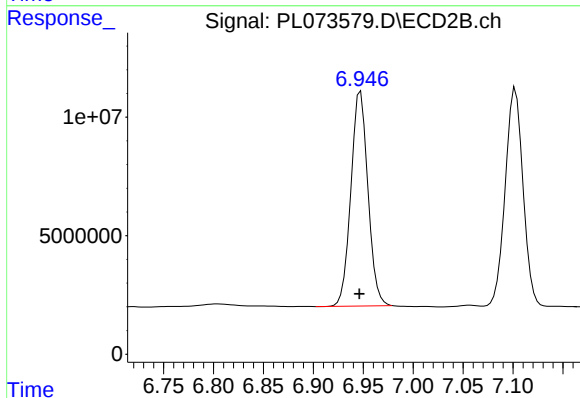
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 19157925
Conc: 47.70 ng/ml

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

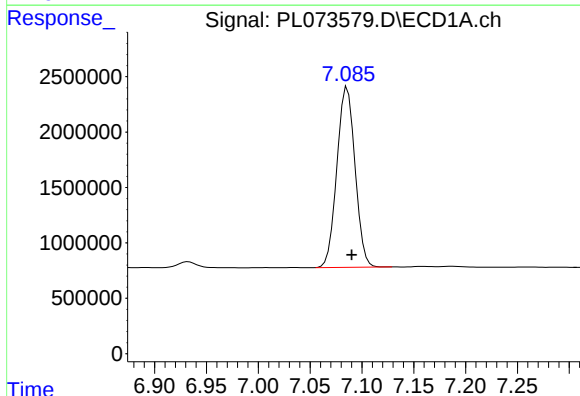
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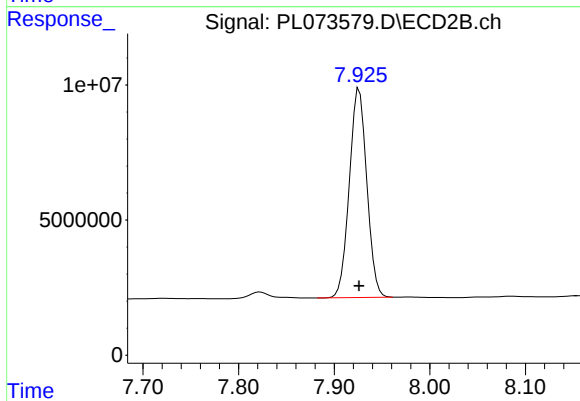
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 107493899
Conc: 49.91 ng/ml



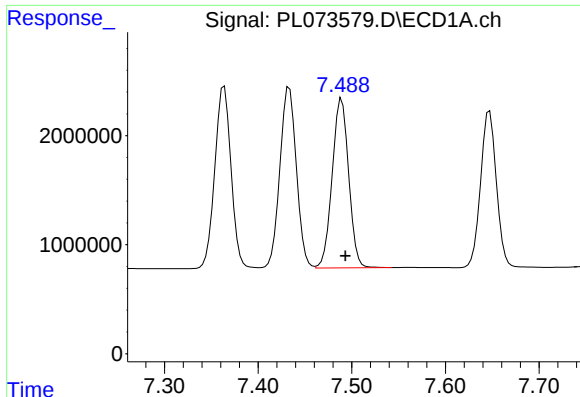
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 19857573
Conc: 46.08 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 98660776
Conc: 49.40 ng/ml



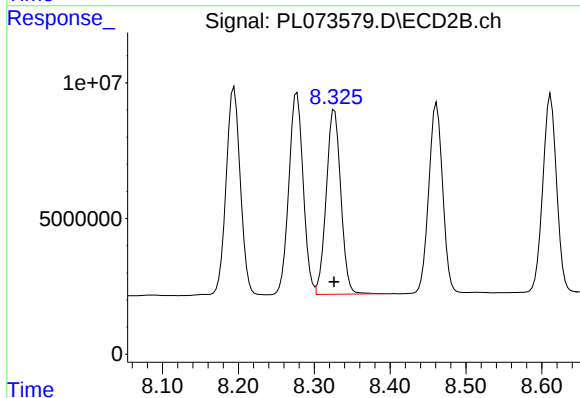
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 19041548
Conc: 46.42 ng/ml

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

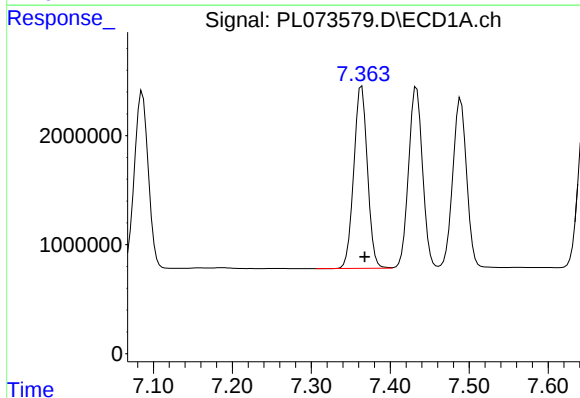
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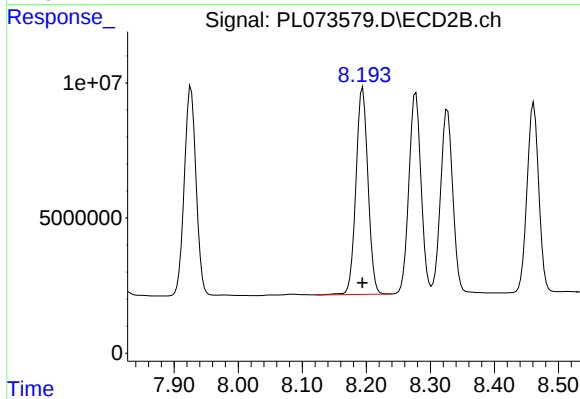
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 91047089
Conc: 49.88 ng/ml



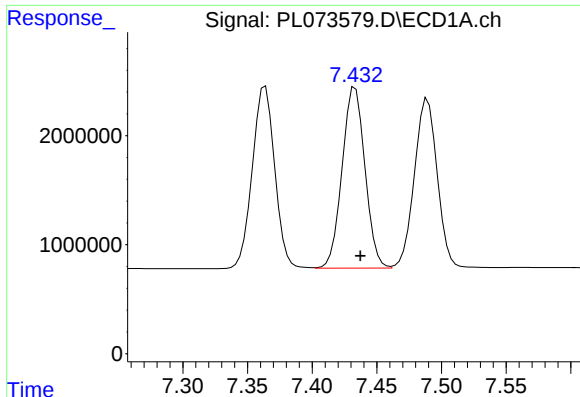
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 20130915
Conc: 46.03 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 100151746
Conc: 49.04 ng/ml



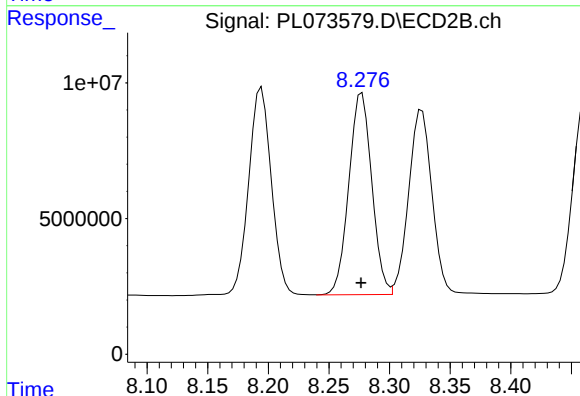
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 20358753
Conc: 46.07 ng/ml

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

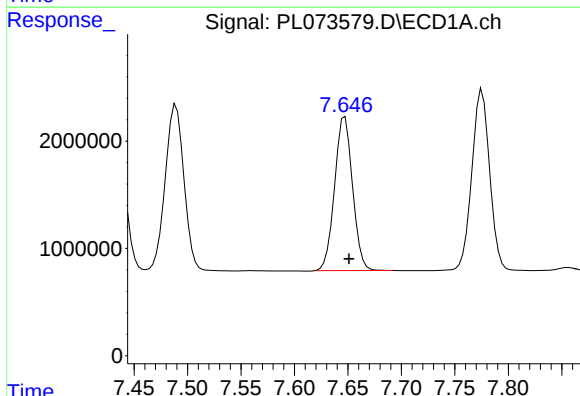
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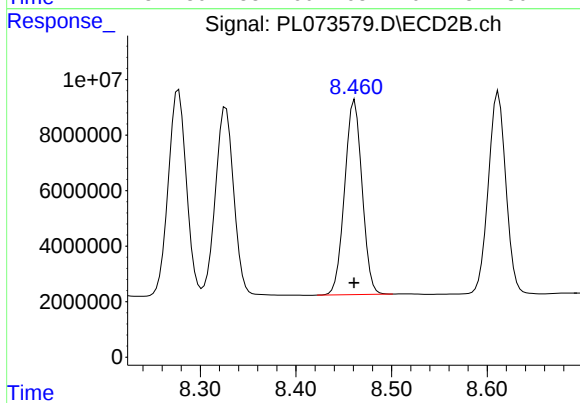
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 97853386
Conc: 48.93 ng/ml



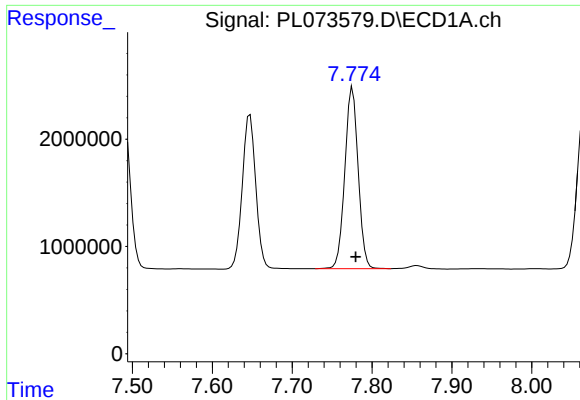
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 16749809
Conc: 46.68 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 89134972
Conc: 49.73 ng/ml



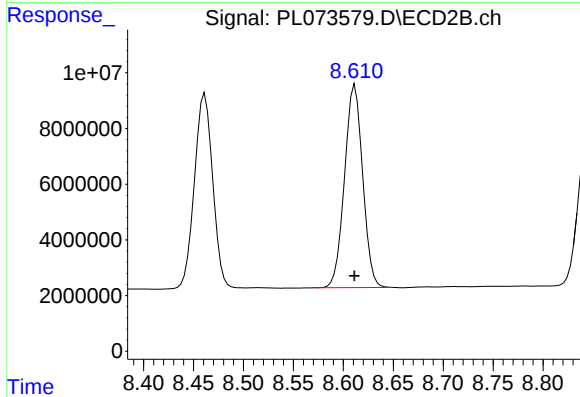
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 19627333
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
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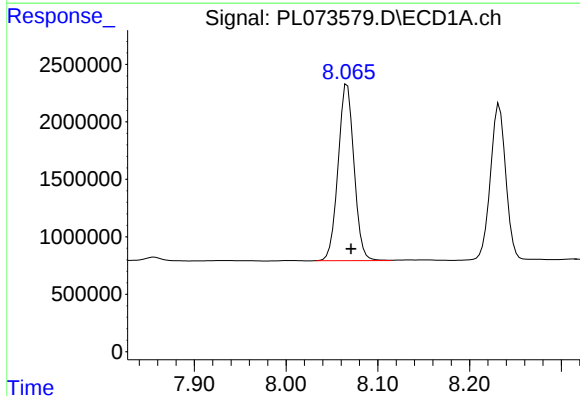
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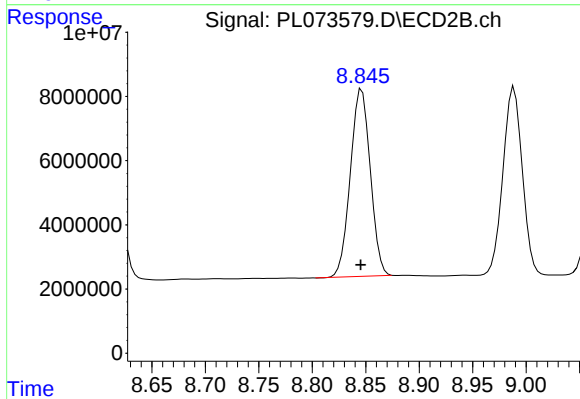
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 92147990
Conc: 49.95 ng/ml



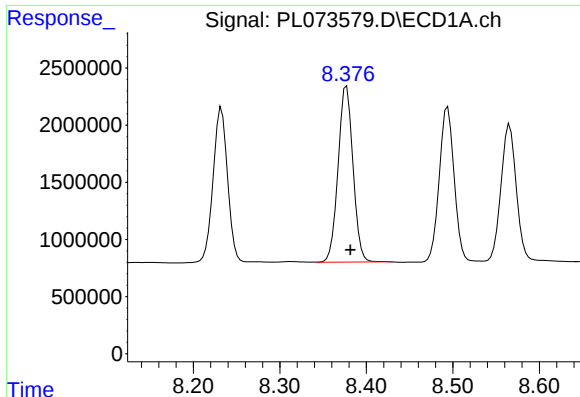
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 18493375
Conc: 47.66 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 75858708
Conc: 49.28 ng/ml



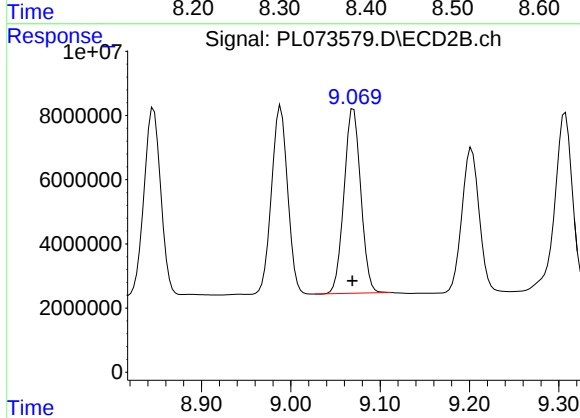
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.004 min
Response: 18316844
Conc: 46.86 ng/ml

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

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#15 Endosulfan II

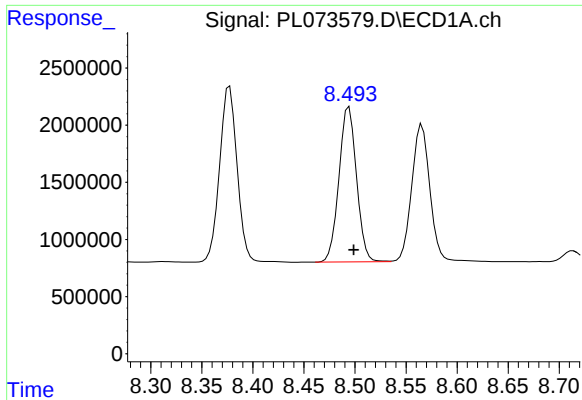
R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 74975690
Conc: 48.82 ng/ml

#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.005 min
Response: 15731669
Conc: 48.44 ng/ml

#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 74047102
Conc: 50.73 ng/ml



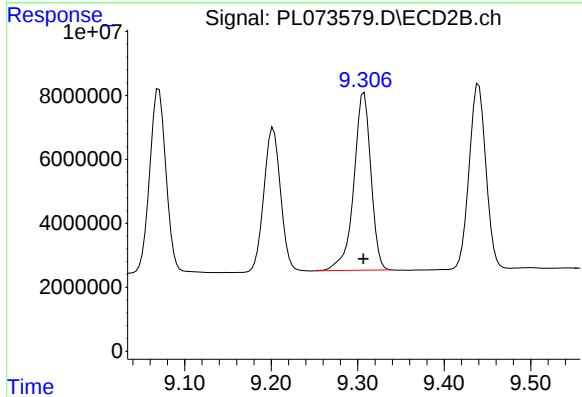
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 16283178
Conc: 43.06 ng/ml

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

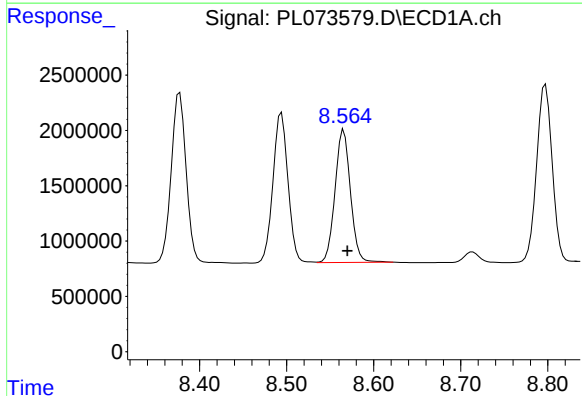
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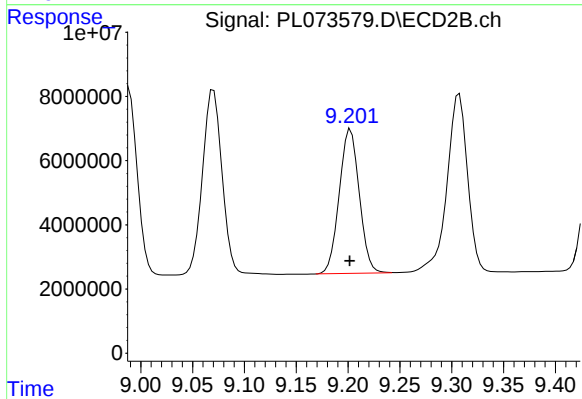
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 76190946
Conc: 46.61 ng/ml



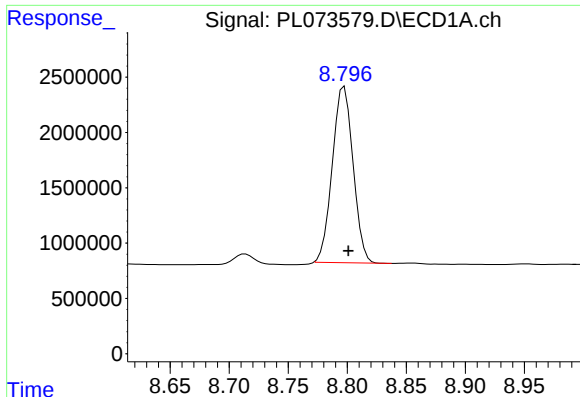
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 14762495
Conc: 46.68 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 60501607
Conc: 49.34 ng/ml m



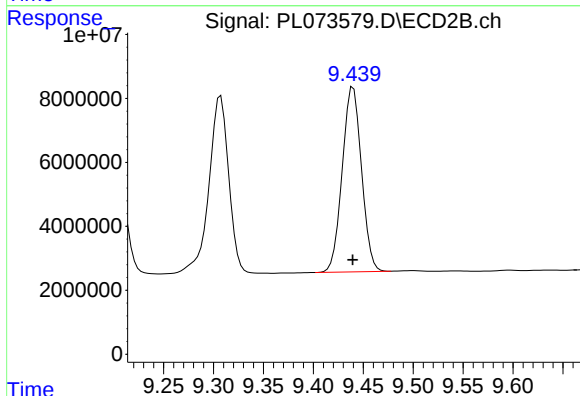
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 19458421
Conc: 46.06 ng/ml

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

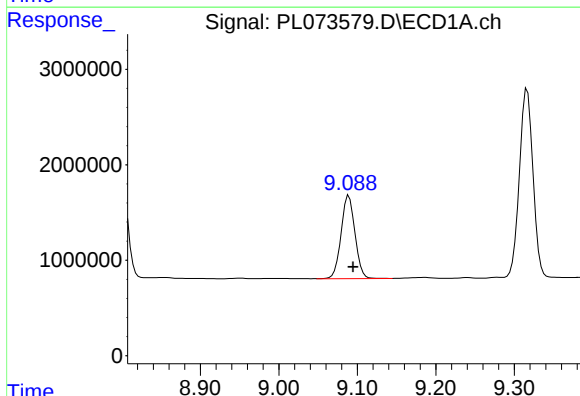
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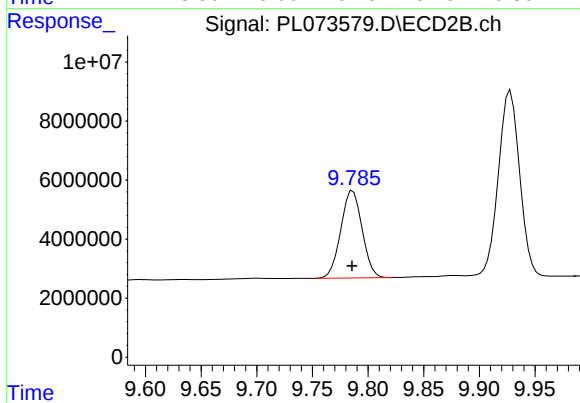
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 77664307
Conc: 49.28 ng/ml



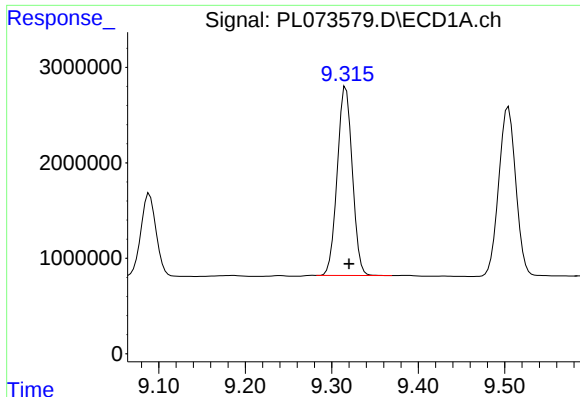
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 10694998
Conc: 41.69 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 39470945
Conc: 43.80 ng/ml



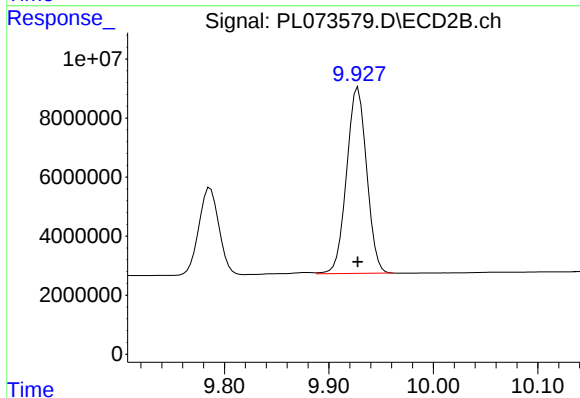
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 23748730
Conc: 48.54 ng/ml

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

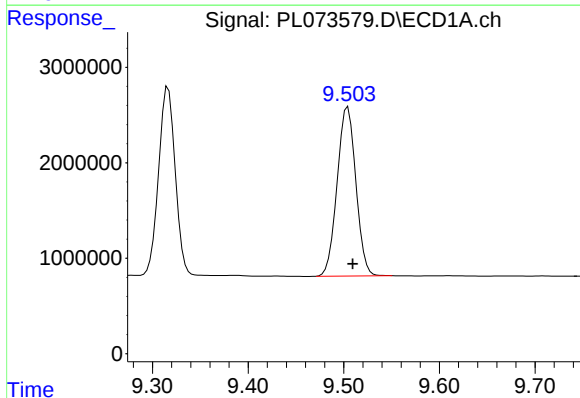
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Reviewed By :Abdul Mirza 03/23/2022
Supervised By :mohammad ahmed 03/23/2022



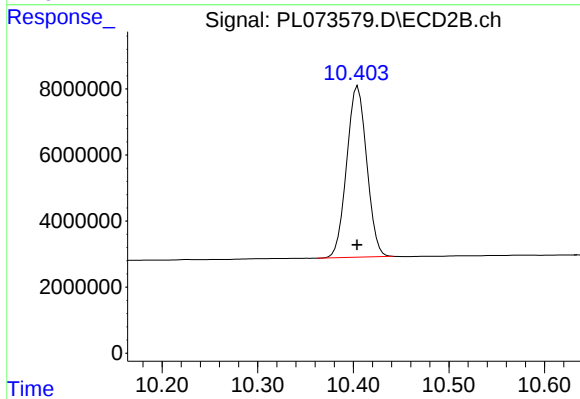
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 84000404
Conc: 50.89 ng/ml



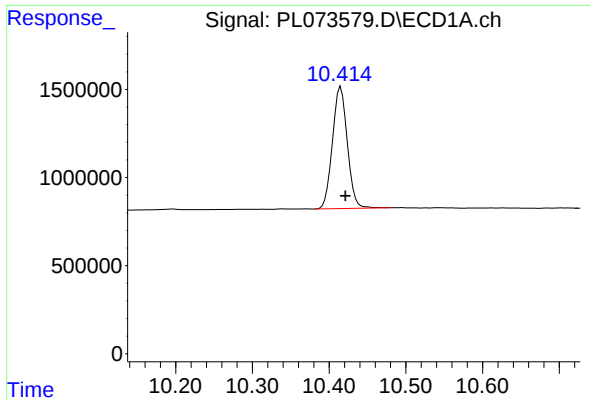
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 24146958
Conc: 51.21 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 75766153
Conc: 55.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 9302990
Conc: 18.30 ng/ml

Instrument :

ECD_L

ClientSampleId :

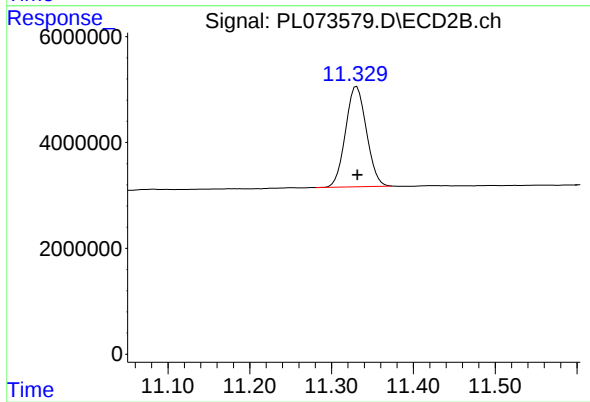
WC-8-9-3MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/23/2022

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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 33630404
Conc: 18.81 ng/ml