

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073816.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 16:47
 Operator : AR\AJ
 Sample : N2239-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/06/2022
 Supervised By : mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:05:02 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...	4.640	5.492	5830849	33256286	18.205	20.263
28) SA Decachlor...	10.413	11.334	10255312	33579840	20.168	18.779
Target Compounds						
2) A alpha-BHC	5.348	6.055	21003047	132.9E6	50.953	59.067
3) MA gamma-BHC...	5.771	6.443	22694387	122.4E6	54.405	57.312m
4) MA Heptachlor	6.183	7.103	19979559	126.3E6	44.281	53.904
5) MB Aldrin	6.508	7.471	20618327	121.9E6	49.903	58.188
6) B beta-BHC	6.150	6.680	9560306	53741484	46.433m	51.557
7) B delta-BHC	6.414	6.948	20965147	129.3E6	52.198	60.019
8) B Heptachlo...	7.085	7.927	20786382	108.7E6	48.231	54.446
9) A Endosulfan I	7.488	8.327	20184255	98624800	49.204	54.029
10) B gamma-Chl...	7.362	8.195	21248989	109.8E6	48.591	53.751
11) B alpha-Chl...	7.432	8.278	21382472	106.6E6	48.384	53.321
12) B 4,4'-DDE	7.646	8.462	17739141	98905518	49.435	55.181
13) MA Dieldrin	7.775	8.612	22082681	102.9E6	53.004	55.759
14) MA Endrin	8.065	8.847	20404339	83194197	52.588	54.043
15) B Endosulfa...	8.376	9.070	20530262	83059082	52.524	54.081
16) A 4,4'-DDD	8.231	8.989	16137259	74965800	49.693	51.357
17) MA 4,4'-DDT	8.492	9.308	17811880	78099810	47.099	47.781
18) B Endrin al...	8.564	9.202	17002008	67715009	53.762	55.218m
19) B Endosulfa...	8.796	9.441	20561386	79294031	48.675	50.311
20) A Methoxychlor	9.088	9.788	11834562	42253451	46.132	46.892
21) B Endrin ke...	9.314	9.929	24597638	82589043	50.279	50.036
22) Mirex	9.503	10.406	22057886	64929675	46.776	47.797

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
Data File : PL073816.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Apr 2022 16:47
Operator : AR\AJ
Sample : N2239-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

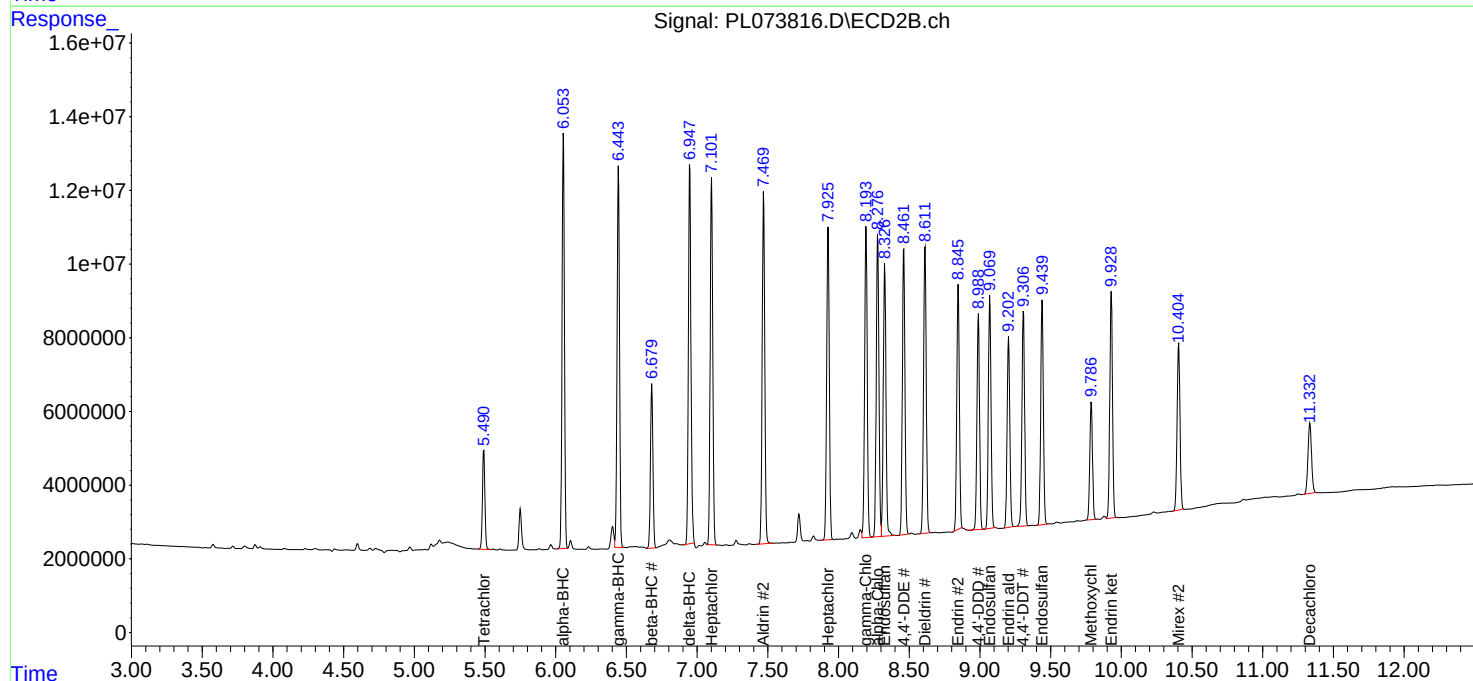
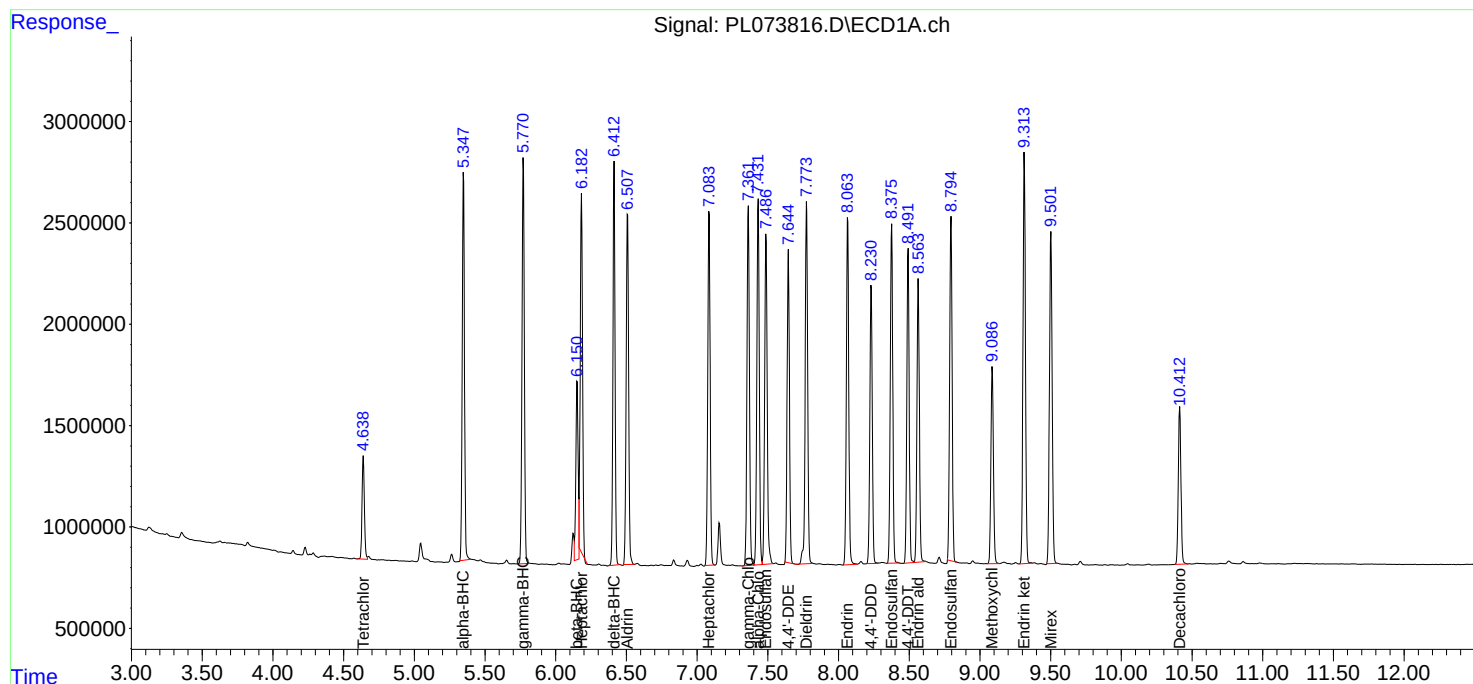
Instrument :
ECD_L
ClientSampleId :
TP-4MS

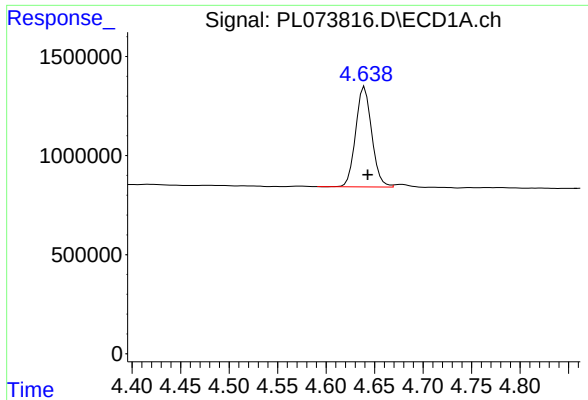
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 01:05:02 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





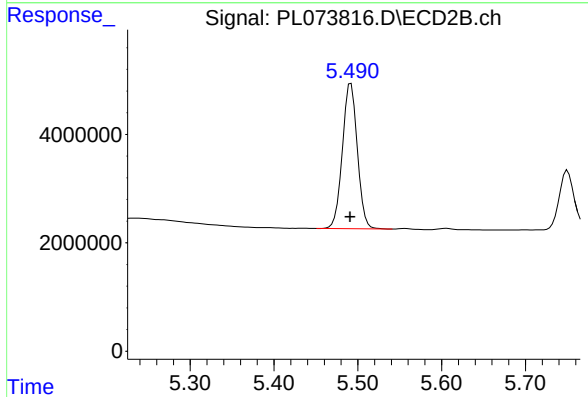
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 5830849
Conc: 18.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

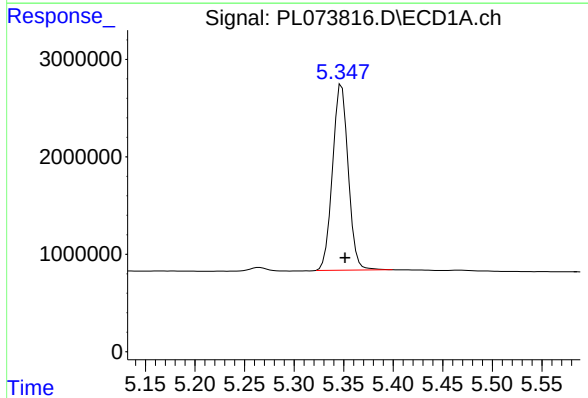
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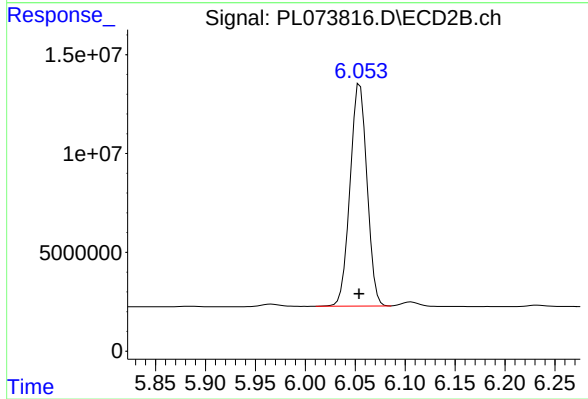
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 33256286
Conc: 20.26 ng/ml



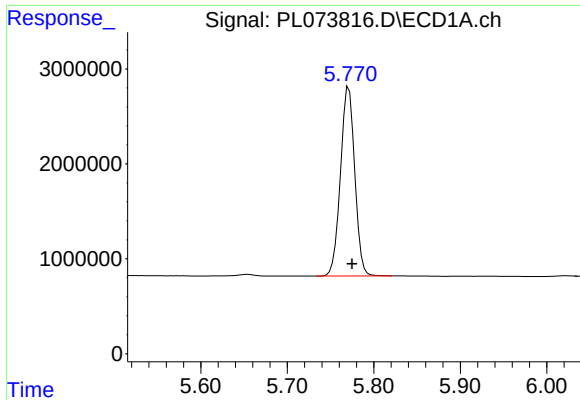
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: -0.003 min
Response: 21003047
Conc: 50.95 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 132879755
Conc: 59.07 ng/ml



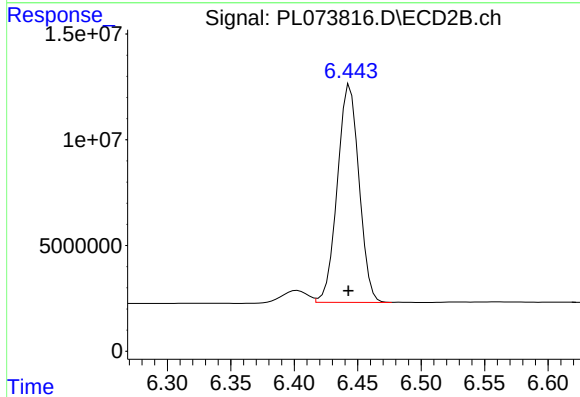
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 22694387
Conc: 54.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

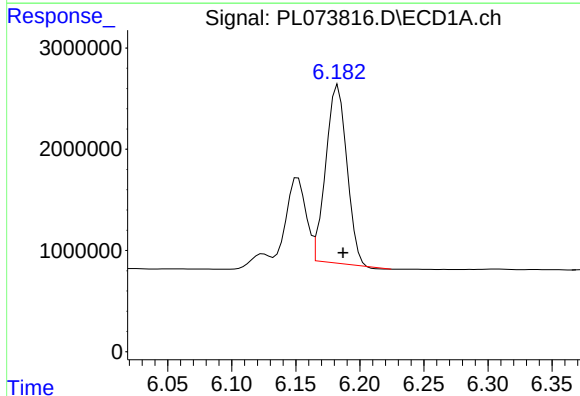
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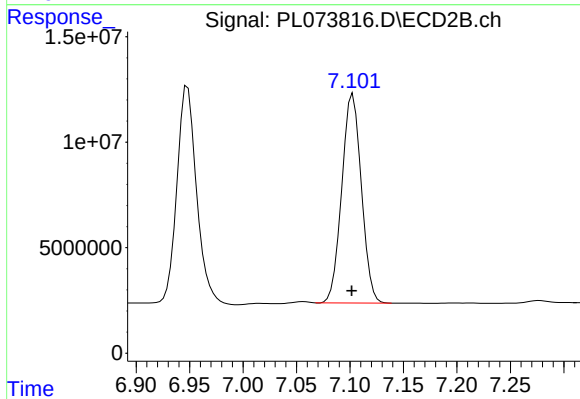
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 122366549
Conc: 57.31 ng/ml m



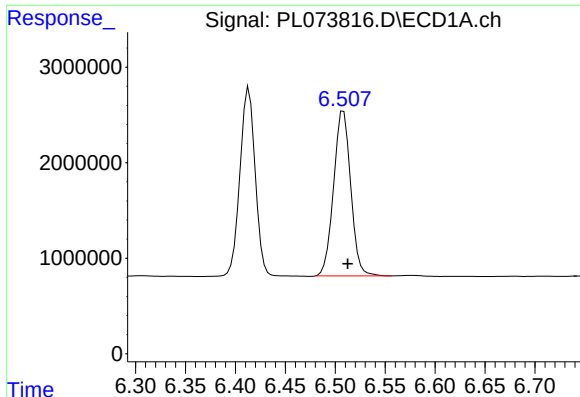
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 19979559
Conc: 44.28 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 126301495
Conc: 53.90 ng/ml



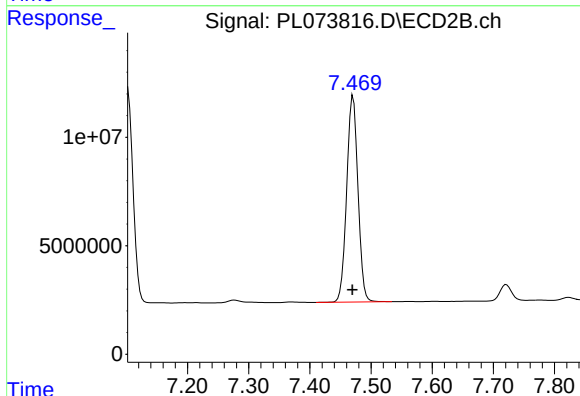
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 20618327
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

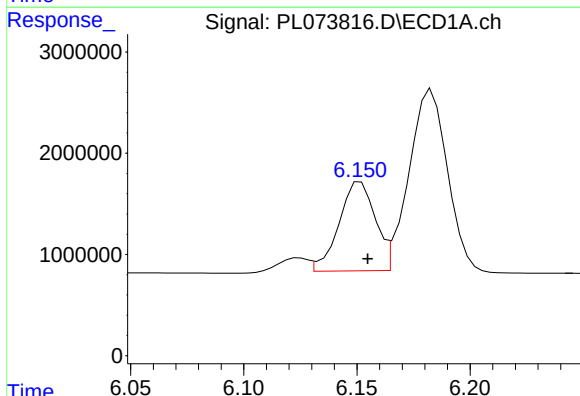
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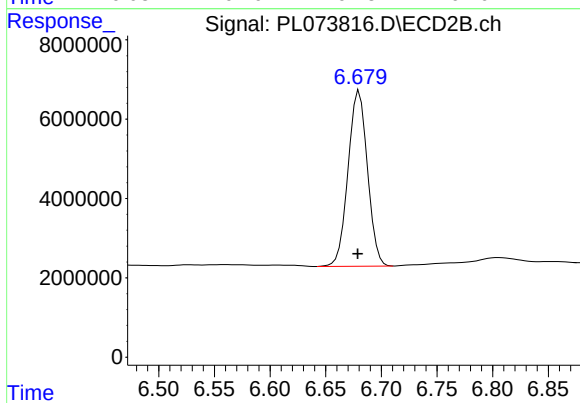
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 121902916
Conc: 58.19 ng/ml



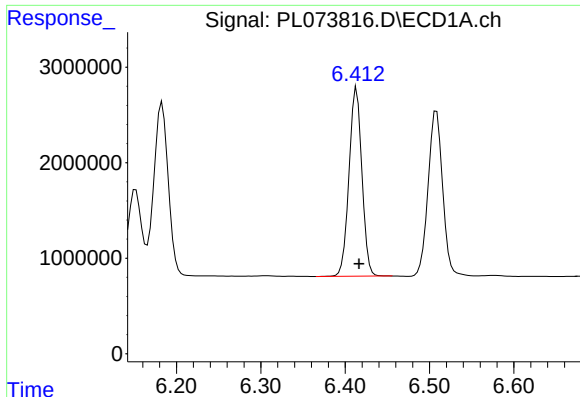
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 9560306
Conc: 46.43 ng/ml m



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 53741484
Conc: 51.56 ng/ml



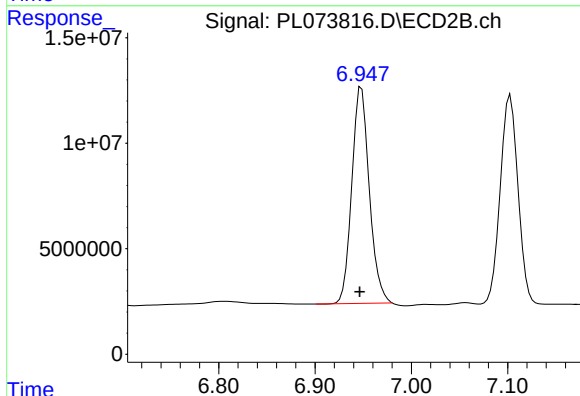
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.003 min
Response: 20965147
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

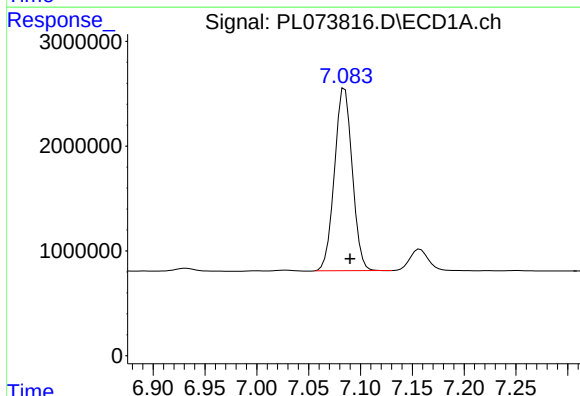
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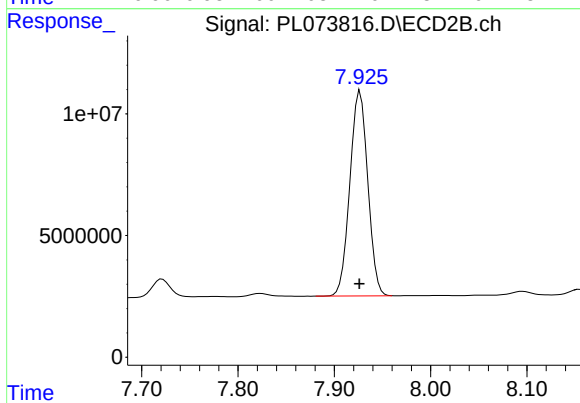
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 129254166
Conc: 60.02 ng/ml



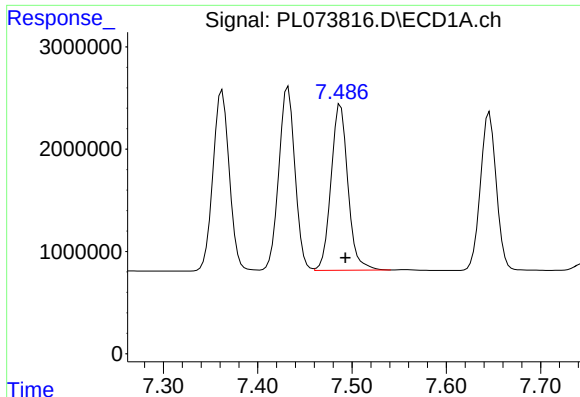
#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 20786382
Conc: 48.23 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 108745006
Conc: 54.45 ng/ml



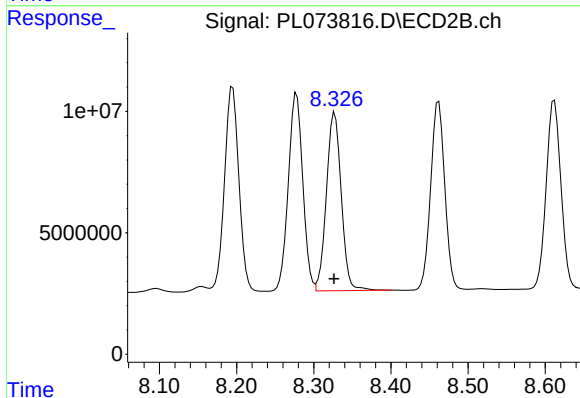
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 20184255
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

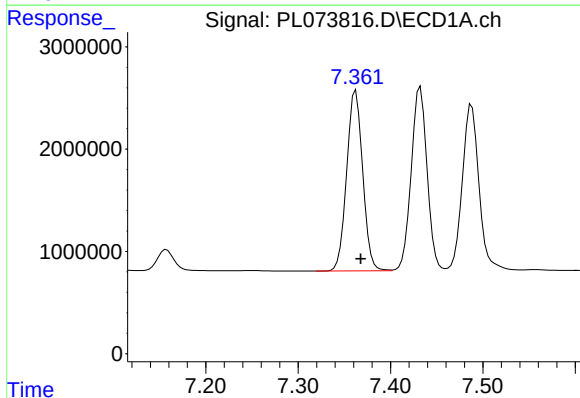
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Supervised By :mohammad ahmed 04/06/2022



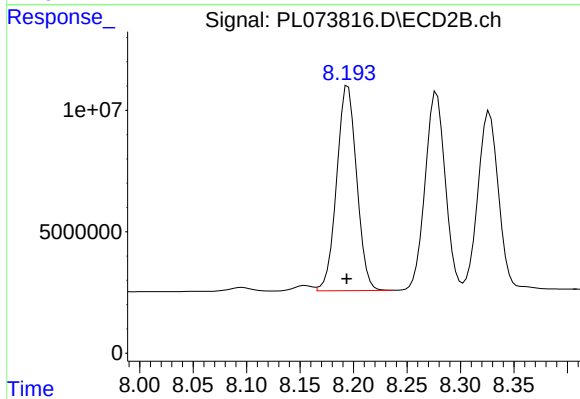
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 98624800
Conc: 54.03 ng/ml



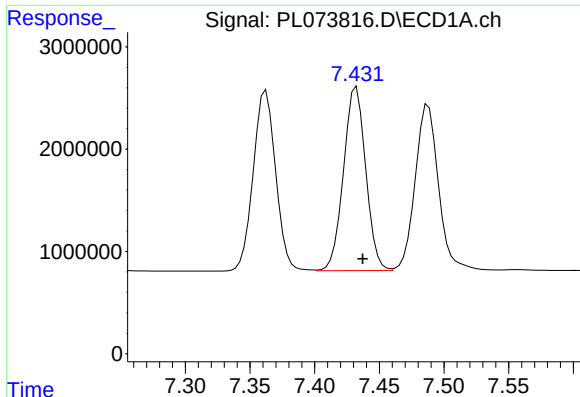
#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.005 min
Response: 21248989
Conc: 48.59 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 109780978
Conc: 53.75 ng/ml



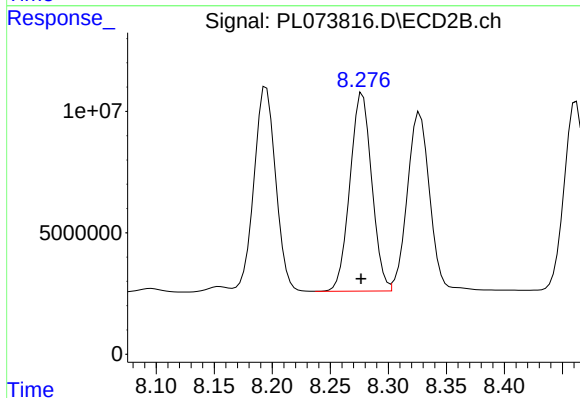
#11 alpha-Chlordane

R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 21382472
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

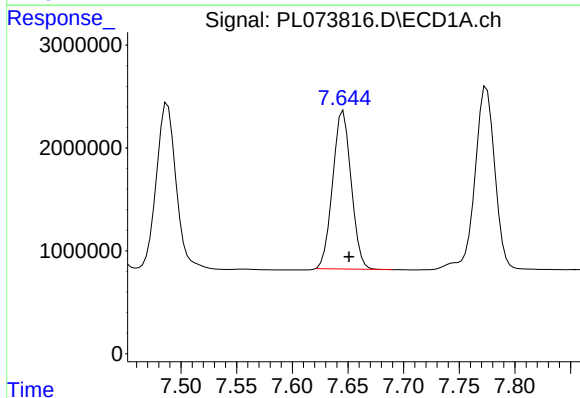
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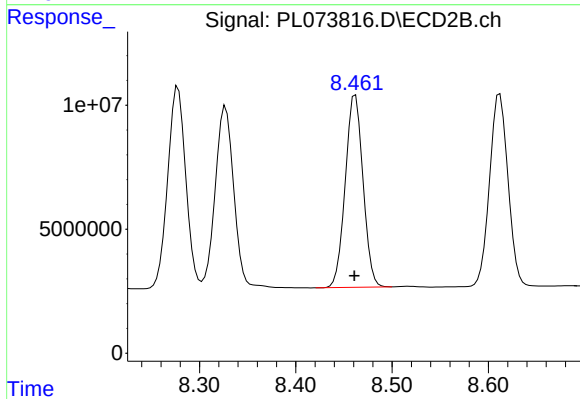
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 106643108
Conc: 53.32 ng/ml



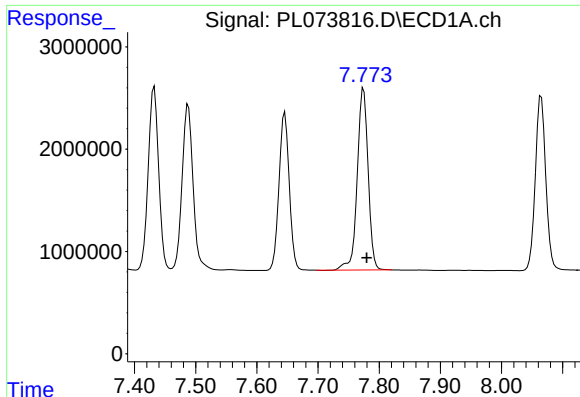
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 17739141
Conc: 49.43 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 98905518
Conc: 55.18 ng/ml



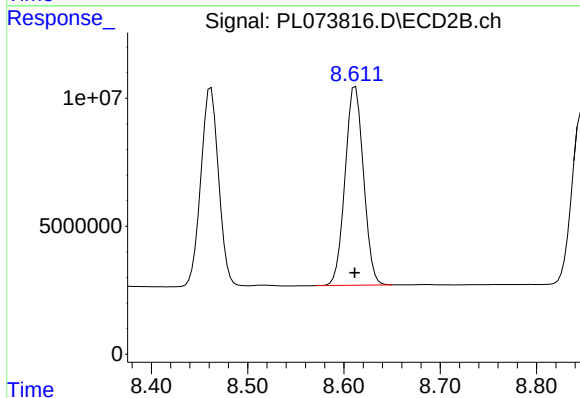
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: -0.005 min
Response: 22082681
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

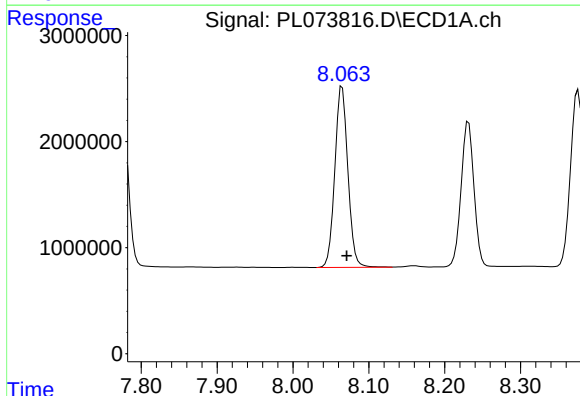
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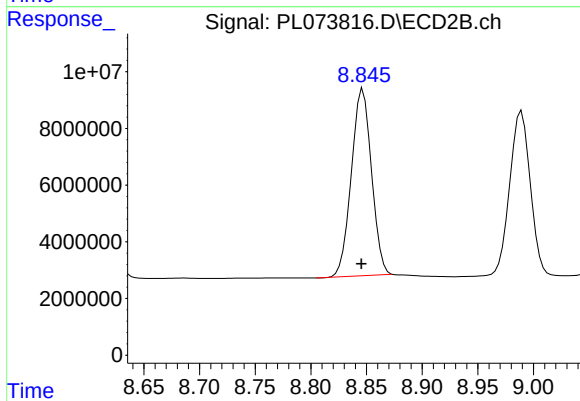
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 102861430
Conc: 55.76 ng/ml



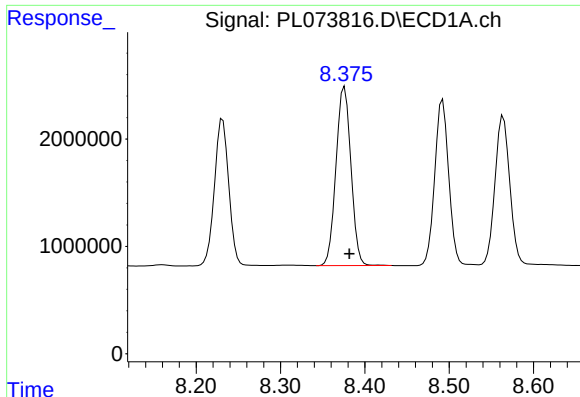
#14 Endrin

R.T.: 8.065 min
Delta R.T.: -0.006 min
Response: 20404339
Conc: 52.59 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 83194197
Conc: 54.04 ng/ml



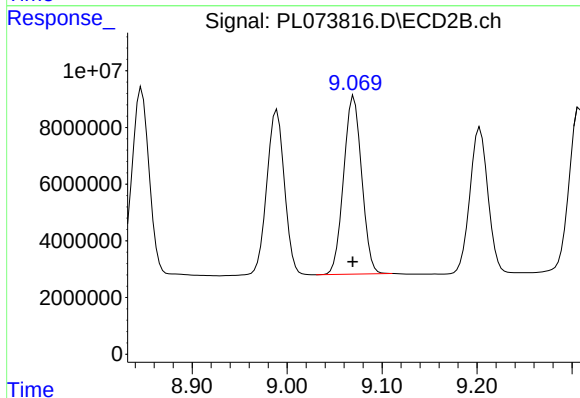
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: -0.006 min
Response: 20530262
Conc: 52.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

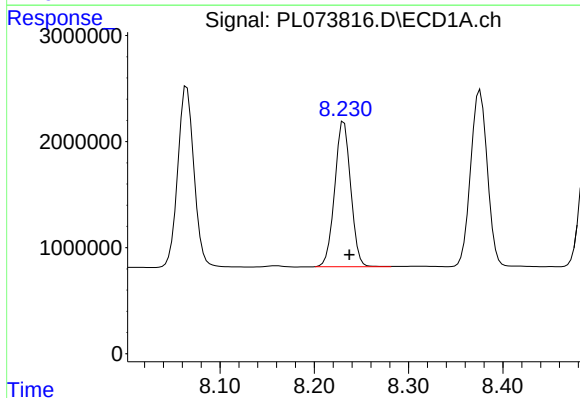
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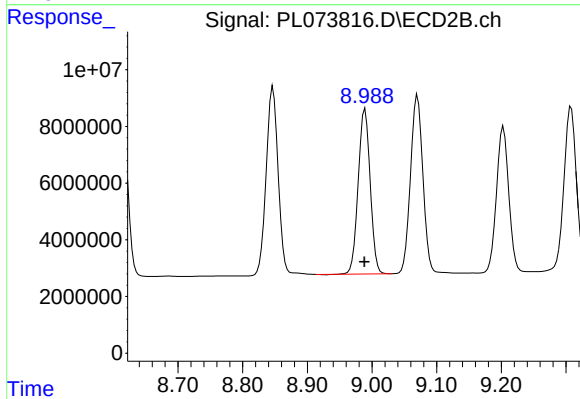
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 83059082
Conc: 54.08 ng/ml



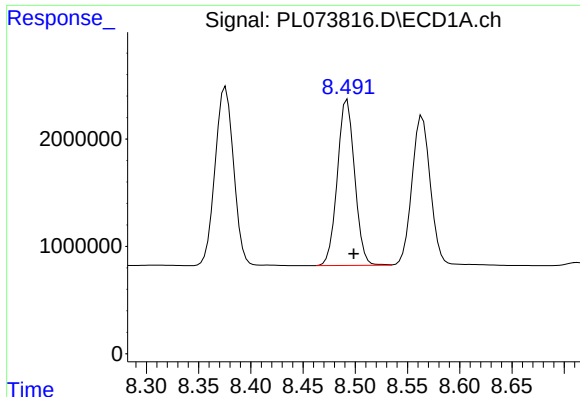
#16 4,4'-DDD

R.T.: 8.231 min
Delta R.T.: -0.006 min
Response: 16137259
Conc: 49.69 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.001 min
Response: 74965800
Conc: 51.36 ng/ml



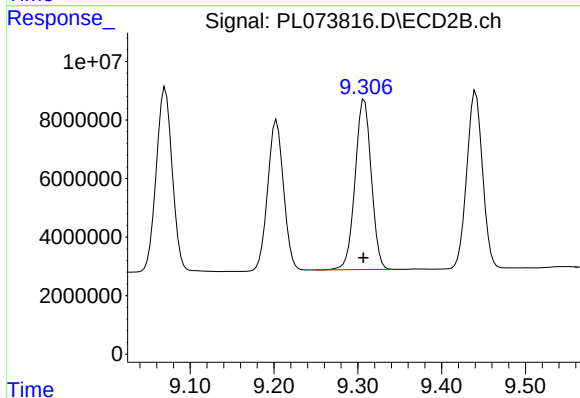
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: -0.006 min
Response: 17811880
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

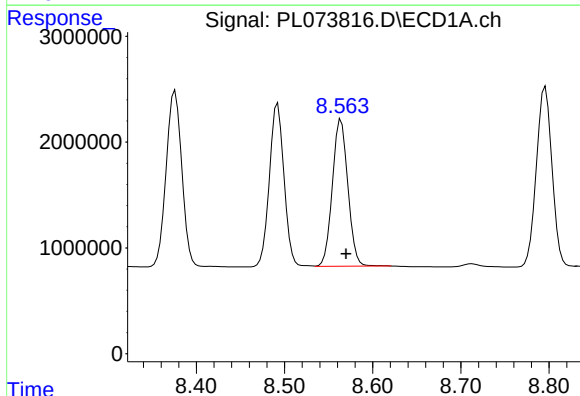
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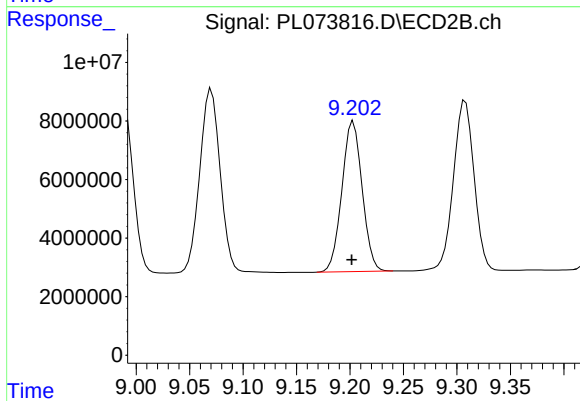
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 78099810
Conc: 47.78 ng/ml



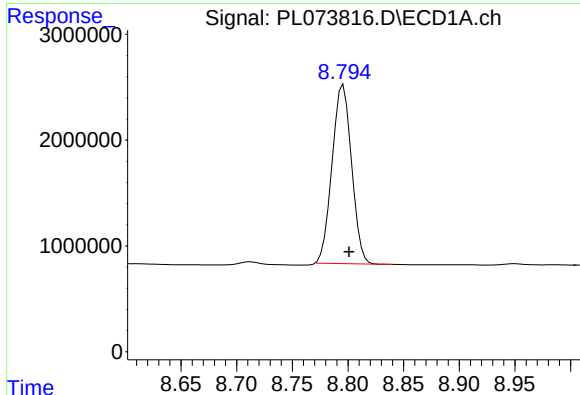
#18 Endrin aldehyde

R.T.: 8.564 min
Delta R.T.: -0.006 min
Response: 17002008
Conc: 53.76 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 67715009
Conc: 55.22 ng/ml m



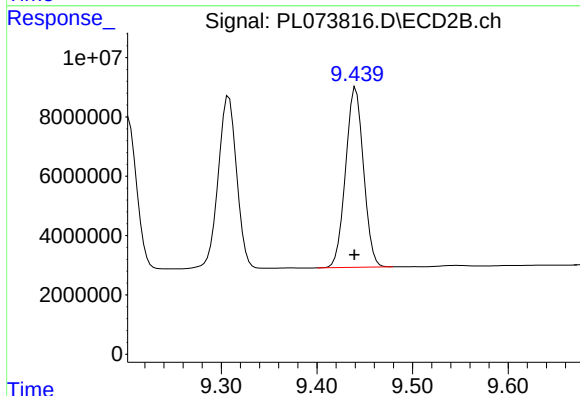
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 20561386
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

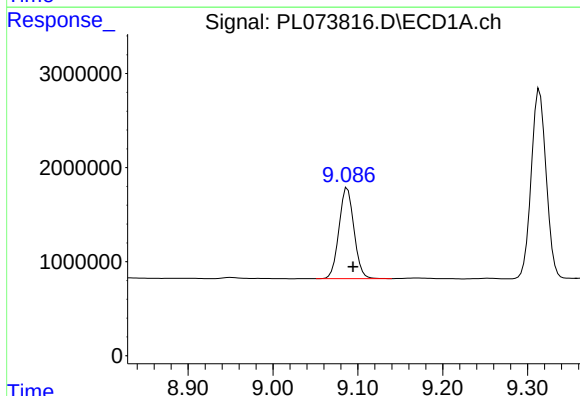
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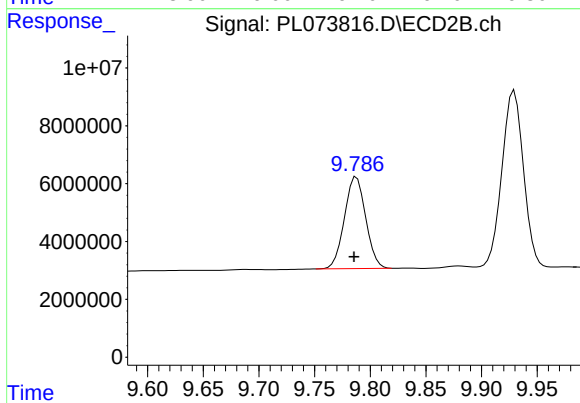
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.001 min
Response: 79294031
Conc: 50.31 ng/ml



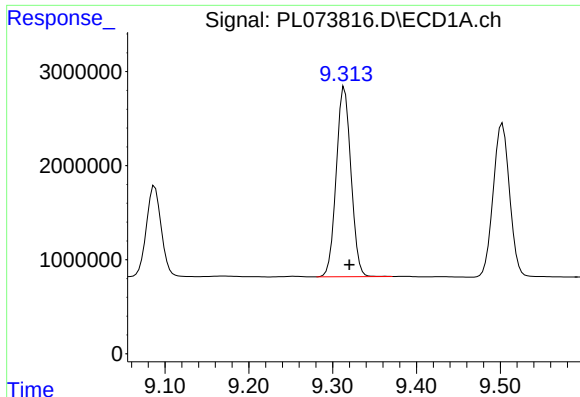
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: -0.007 min
Response: 11834562
Conc: 46.13 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.002 min
Response: 42253451
Conc: 46.89 ng/ml



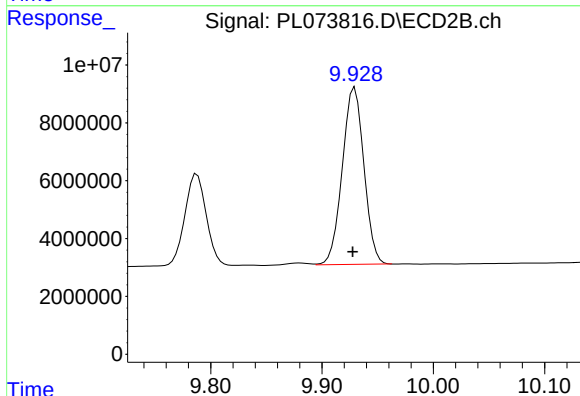
#21 Endrin ketone

R.T.: 9.314 min
Delta R.T.: -0.006 min
Response: 24597638
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

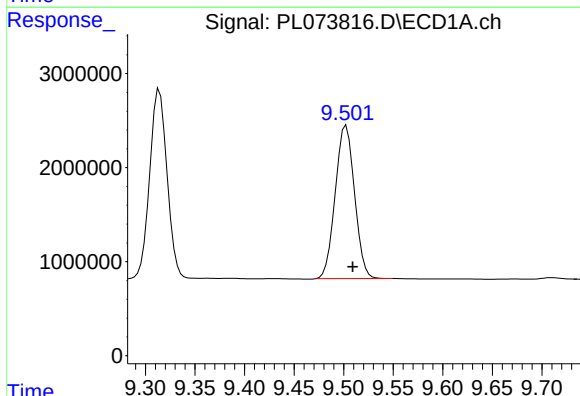
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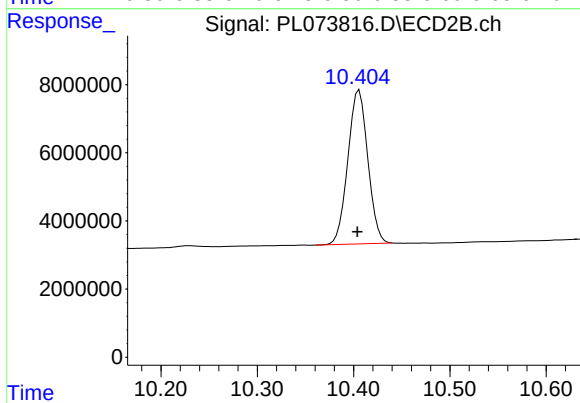
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.002 min
Response: 82589043
Conc: 50.04 ng/ml



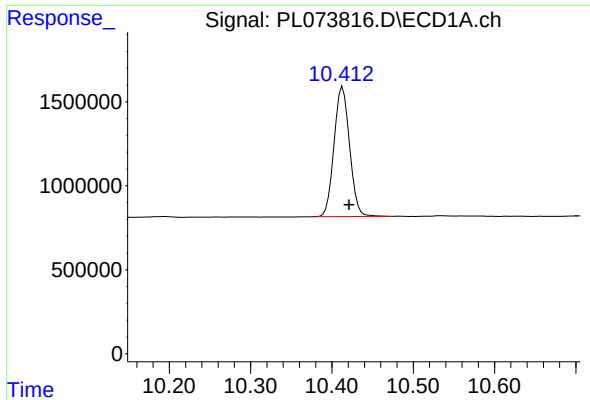
#22 Mirex

R.T.: 9.503 min
Delta R.T.: -0.007 min
Response: 22057886
Conc: 46.78 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.002 min
Response: 64929675
Conc: 47.80 ng/ml



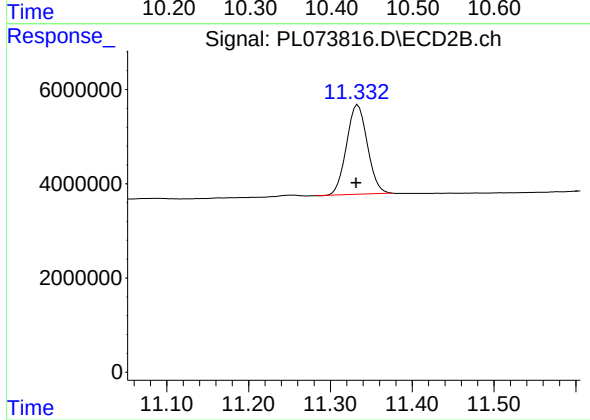
#28 Decachlorobiphenyl

R.T.: 10.413 min
Delta R.T.: -0.008 min
Response: 10255312
Conc: 20.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: 0.002 min
Response: 33579840
Conc: 18.78 ng/ml