

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 17:03
 Operator : AR\AJ
 Sample : N2239-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-4MSD

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 01:05:25 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	5.491	5817164	33862129	18.162	20.632
28) SA Decachlor...	10.413	11.334	10309215	34363388	20.274	19.217
Target Compounds						
2) A alpha-BHC	5.348	6.055	21313174	135.5E6	51.706	60.214
3) MA gamma-BHC...	5.771	6.442	22816470	124.8E6	54.698	58.440m
4) MA Heptachlor	6.183	7.103	20623812	128.5E6	45.709	54.848
5) MB Aldrin	6.508	7.471	20713206	123.9E6	50.132	59.147
6) B beta-BHC	6.150	6.680	9411144	54712380	45.708m	52.488
7) B delta-BHC	6.413	6.948	20952259	128.9E6	52.166	59.869
8) B Heptachlo...	7.085	7.927	20894262	110.7E6	48.481	55.445
9) A Endosulfan I	7.488	8.328	20169822	100.1E6	49.168	54.846
10) B gamma-Chl...	7.362	8.196	21356485	111.7E6	48.837	54.707
11) B alpha-Chl...	7.432	8.278	21391250	108.6E6	48.404	54.300
12) B 4,4'-DDE	7.646	8.462	17993457	100.6E6	50.144	56.132
13) MA Dieldrin	7.775	8.613	22128864	105.0E6	53.115	56.926
14) MA Endrin	8.066	8.847	20513391	84622751	52.869	54.971
15) B Endosulfa...	8.376	9.071	20617886	84197657	52.748	54.822
16) A 4,4'-DDD	8.232	8.990	16194636	76179680	49.870	52.188
17) MA 4,4'-DDT	8.492	9.308	17933809	78948596	47.421	48.300
18) B Endrin al...	8.565	9.202	17128009	68447450	54.160	55.816m
19) B Endosulfa...	8.794	9.441	20902261	80262953	49.482m	50.926
20) A Methoxychlor	9.088	9.788	11902553	42832644	46.397	47.535
21) B Endrin ke...	9.315	9.929	24641170	83854842	50.368	50.803
22) Mirex	9.503	10.406	22259057	66074078	47.203	48.639

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 17:03
 Operator : AR\AJ
 Sample : N2239-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

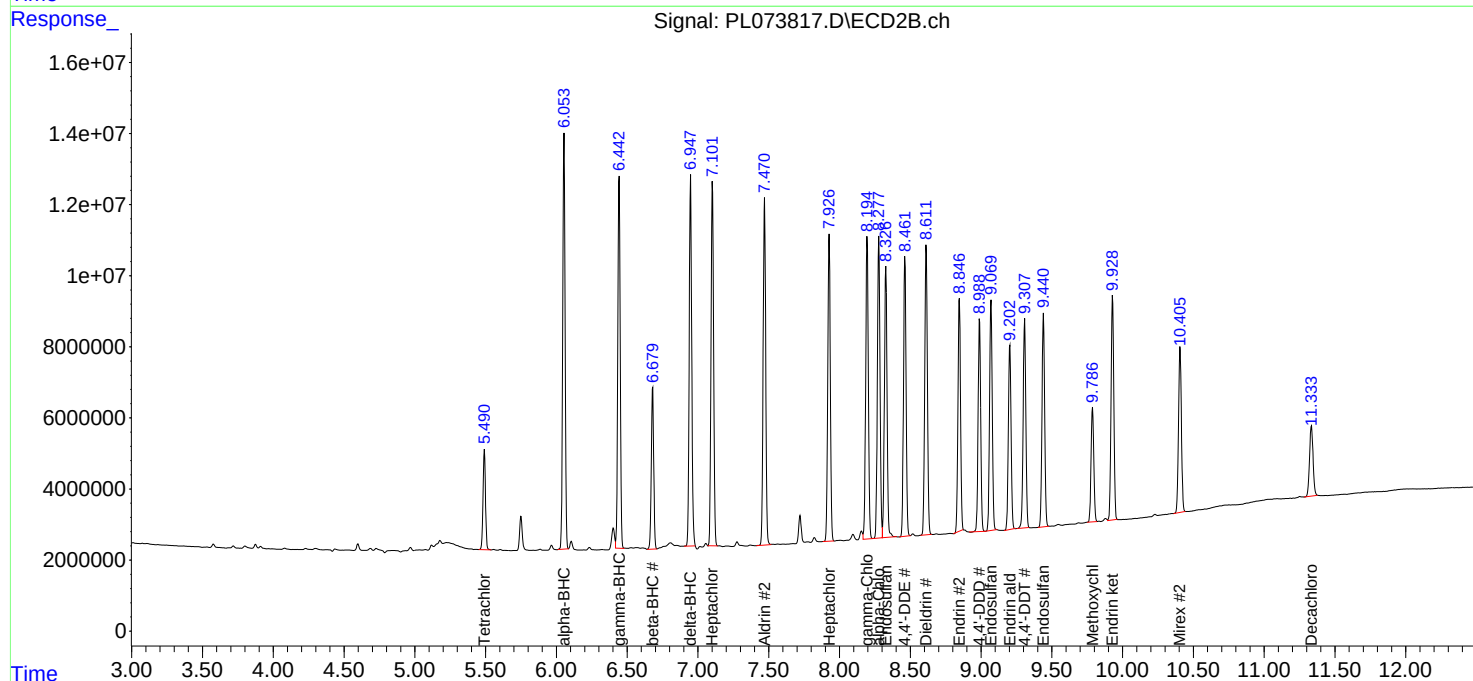
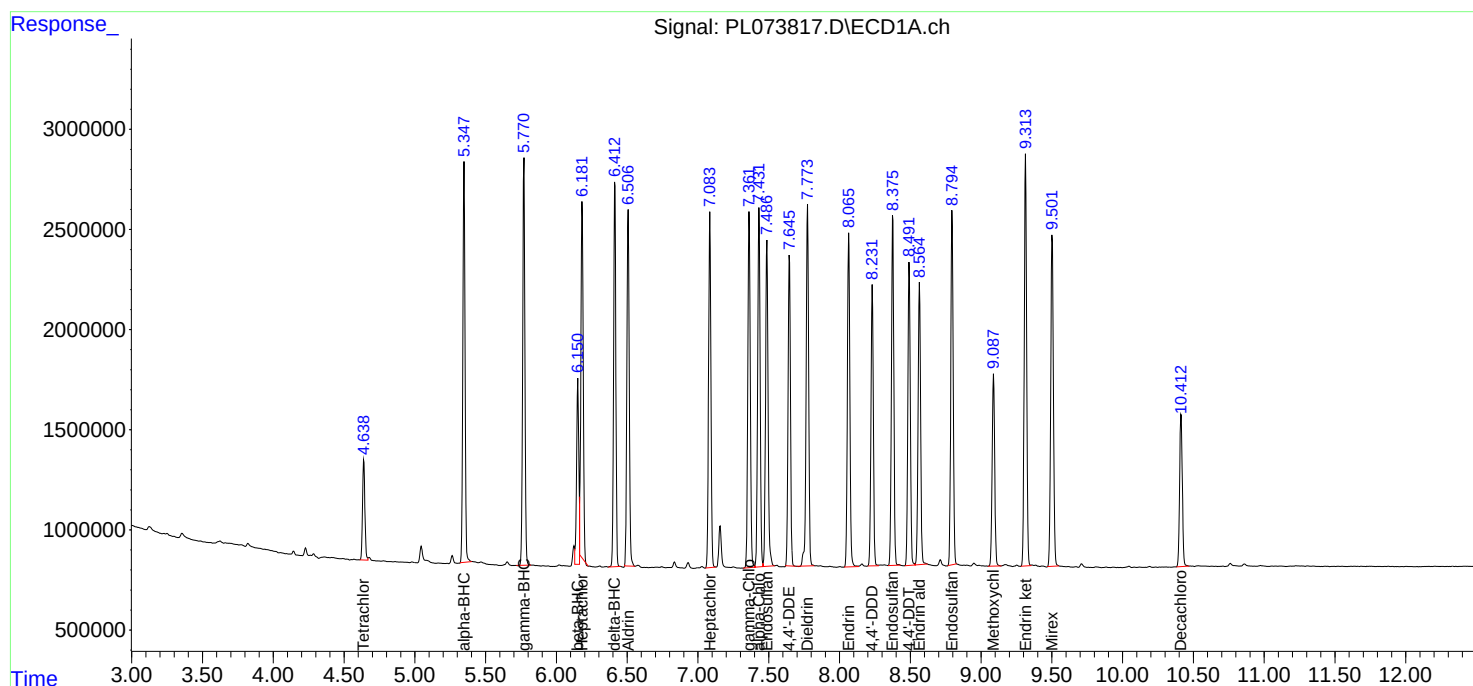
Instrument :
 ECD_L
 ClientSampleId :
 TP-4MSD

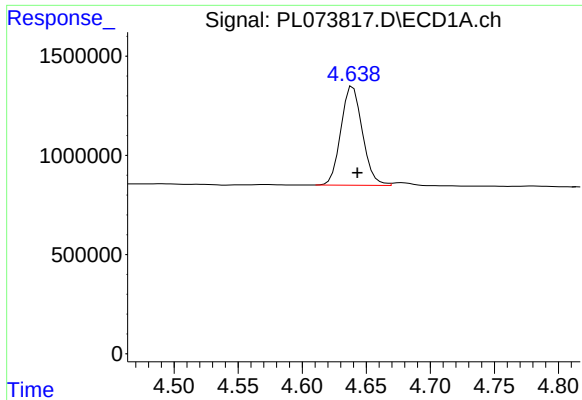
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:05:25 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





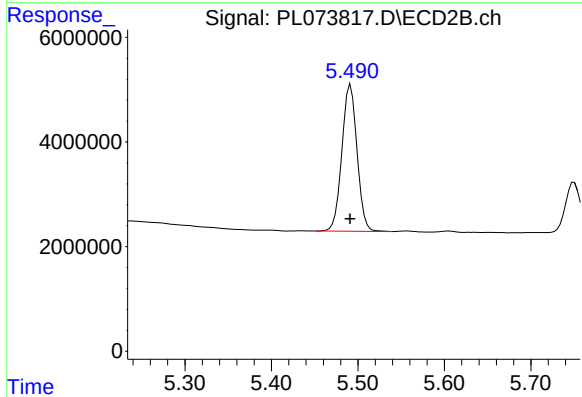
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 5817164
Conc: 18.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

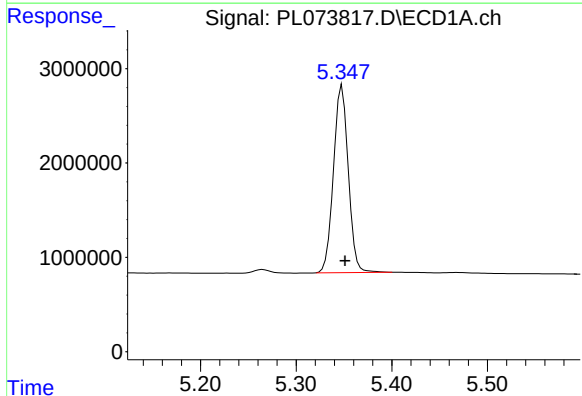
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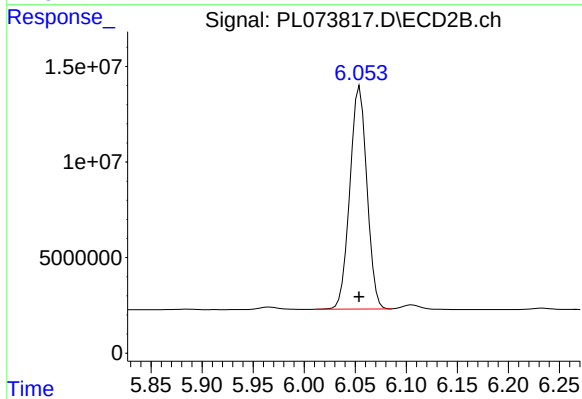
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 33862129
Conc: 20.63 ng/ml



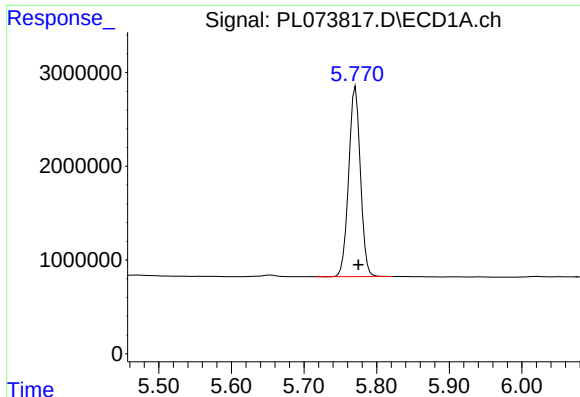
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: -0.003 min
Response: 21313174
Conc: 51.71 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 135459601
Conc: 60.21 ng/ml



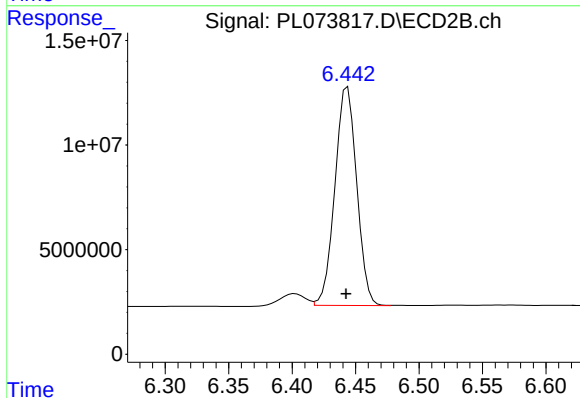
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 22816470
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

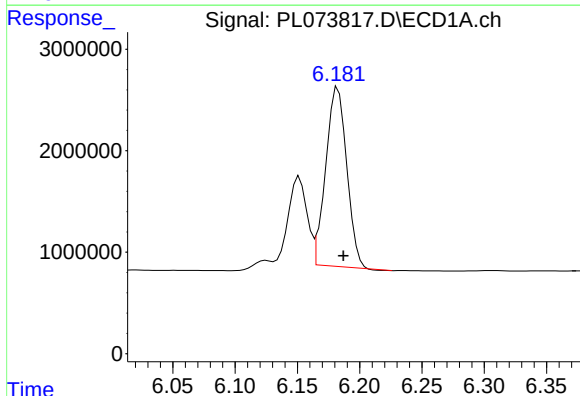
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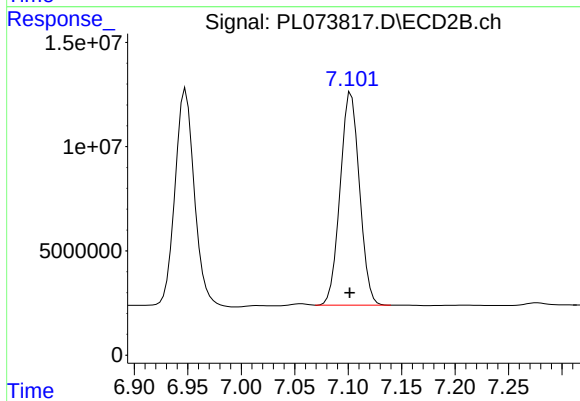
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 124773952
Conc: 58.44 ng/ml m



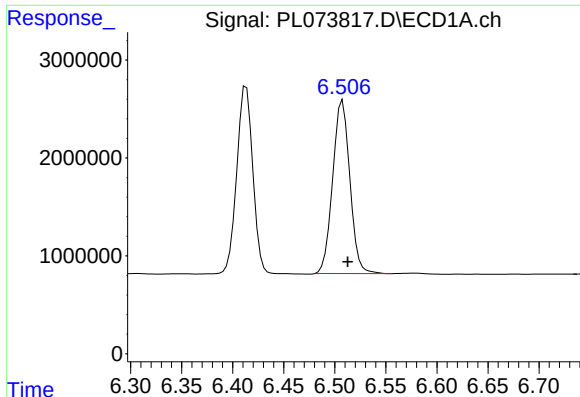
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 20623812
Conc: 45.71 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 128513824
Conc: 54.85 ng/ml



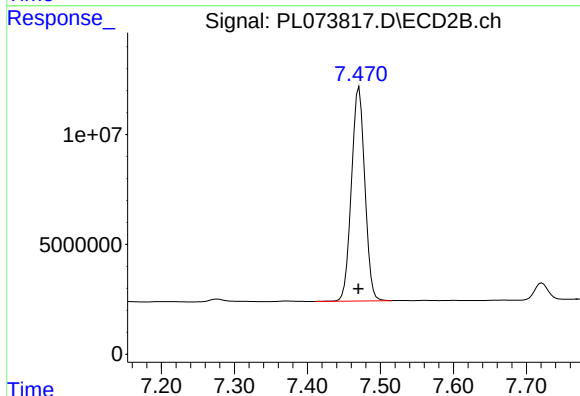
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 20713206
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

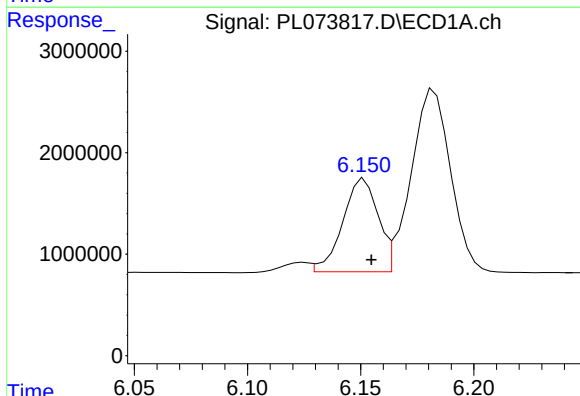
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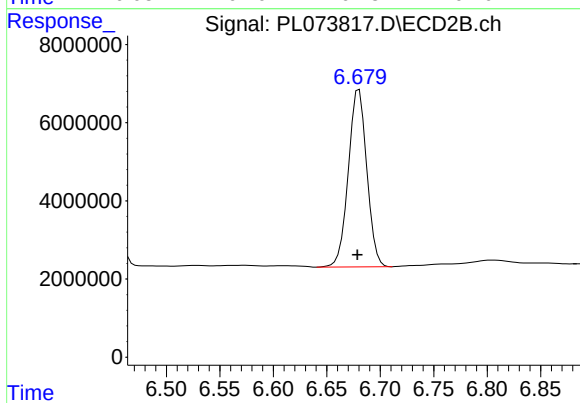
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 123912684
Conc: 59.15 ng/ml



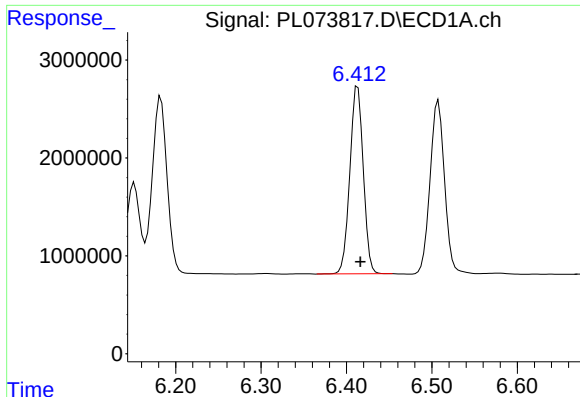
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 9411144
Conc: 45.71 ng/ml m



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 54712380
Conc: 52.49 ng/ml



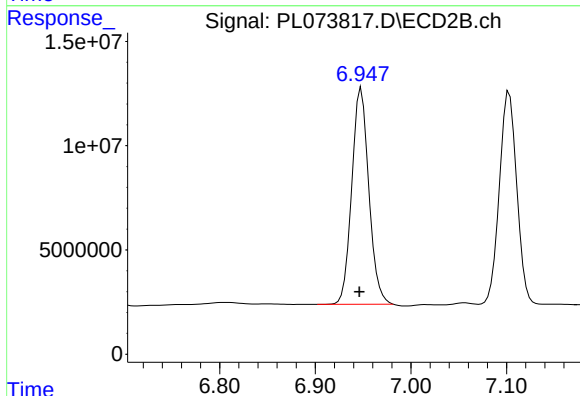
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 20952259
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

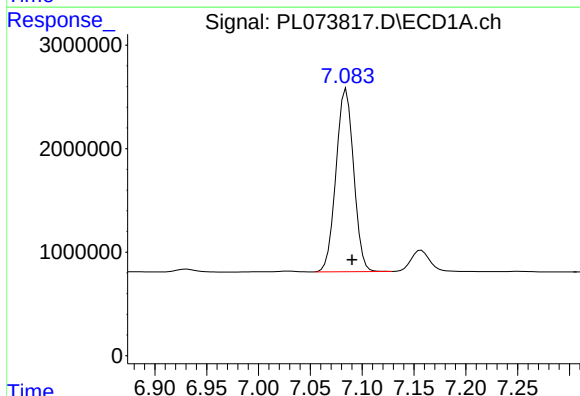
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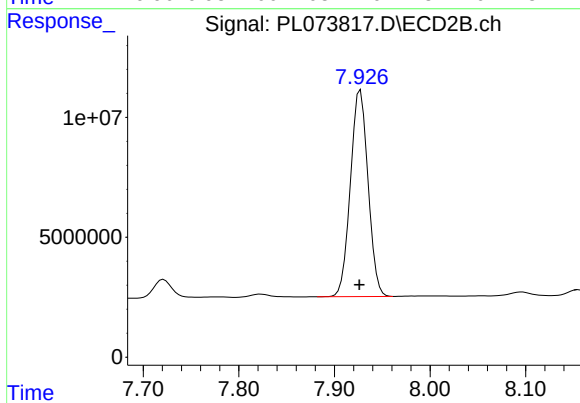
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 128931180
Conc: 59.87 ng/ml



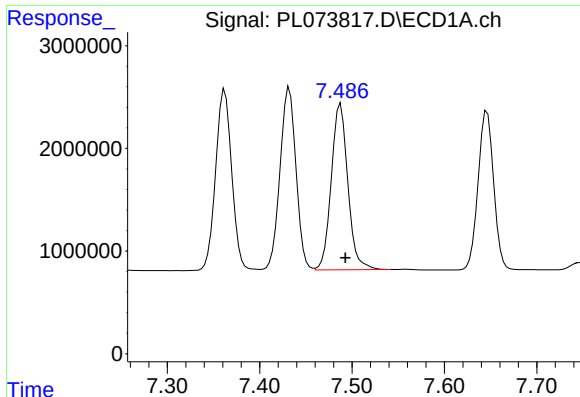
#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 20894262
Conc: 48.48 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 110740021
Conc: 55.44 ng/ml



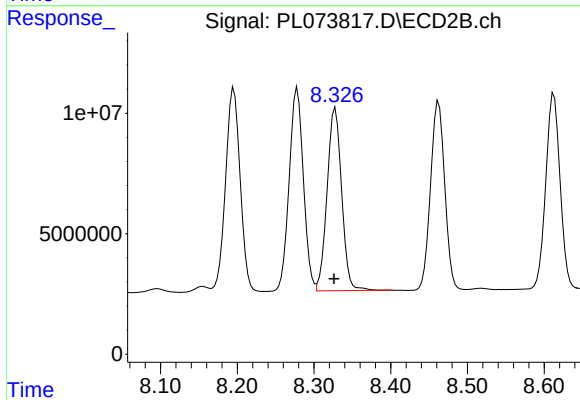
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 20169822
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

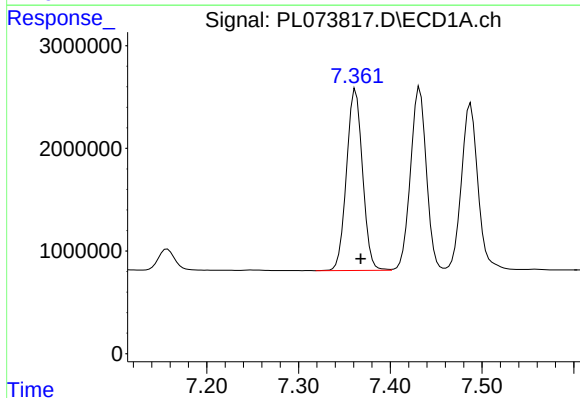
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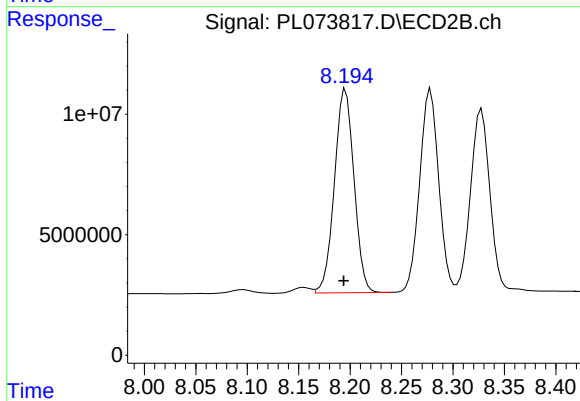
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.001 min
Response: 100116134
Conc: 54.85 ng/ml



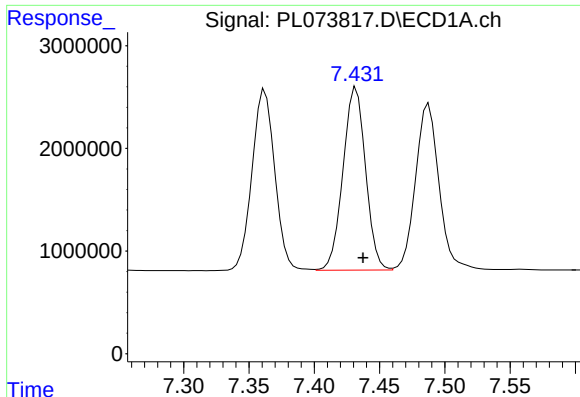
#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.005 min
Response: 21356485
Conc: 48.84 ng/ml



#10 gamma-Chlordane

R.T.: 8.196 min
Delta R.T.: 0.002 min
Response: 111734575
Conc: 54.71 ng/ml



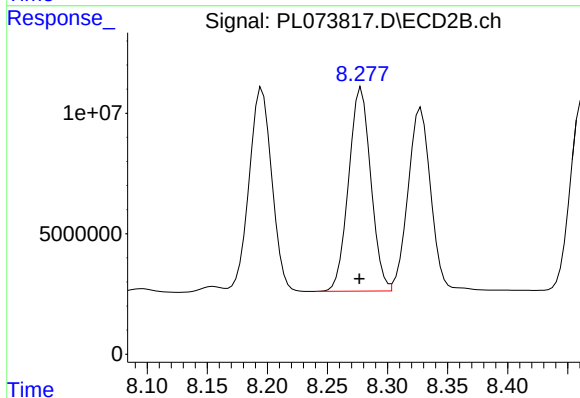
#11 alpha-Chlordane

R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 21391250
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

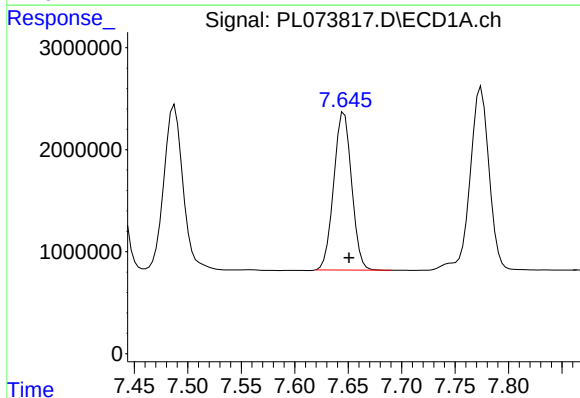
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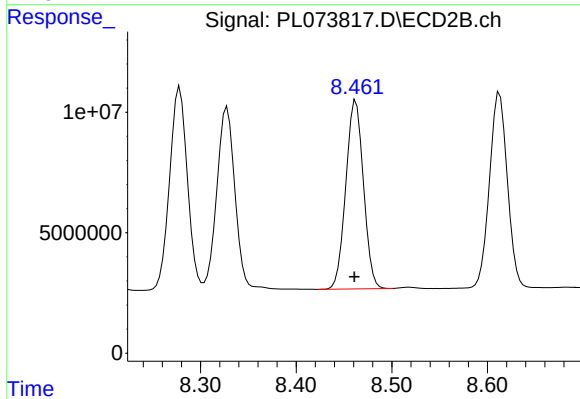
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.002 min
Response: 108599801
Conc: 54.30 ng/ml



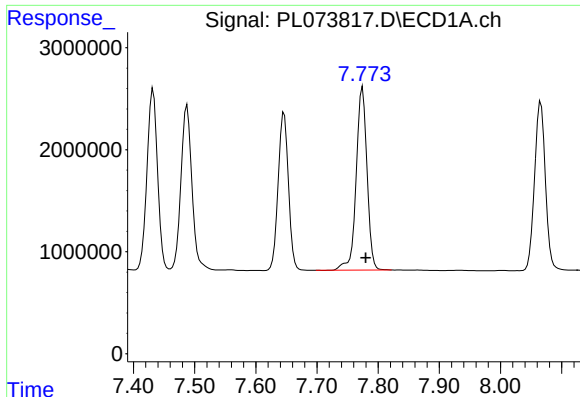
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 17993457
Conc: 50.14 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.002 min
Response: 100609581
Conc: 56.13 ng/ml



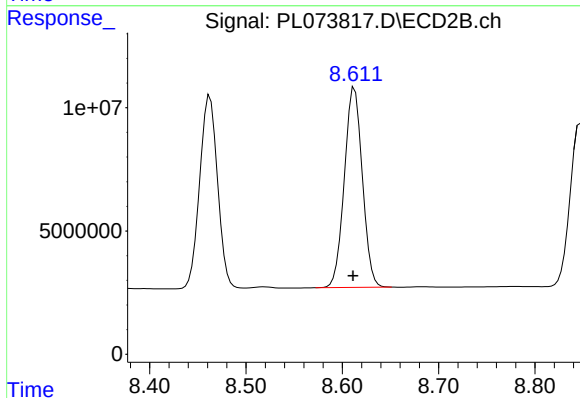
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: -0.005 min
Response: 22128864
Conc: 53.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

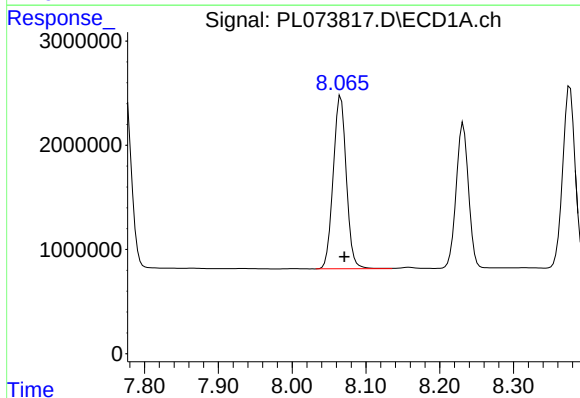
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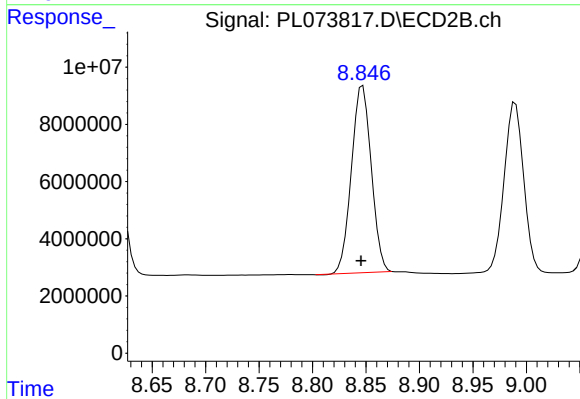
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 105013666
Conc: 56.93 ng/ml



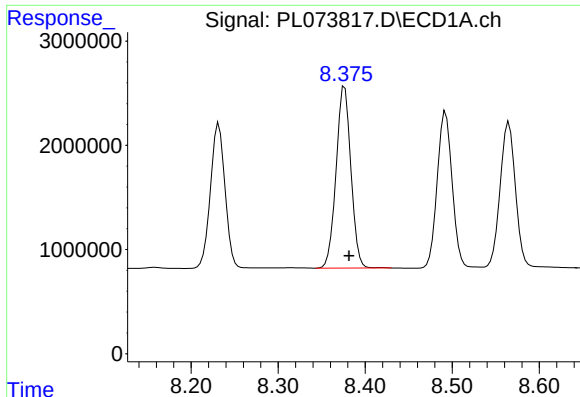
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.005 min
Response: 20513391
Conc: 52.87 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 84622751
Conc: 54.97 ng/ml



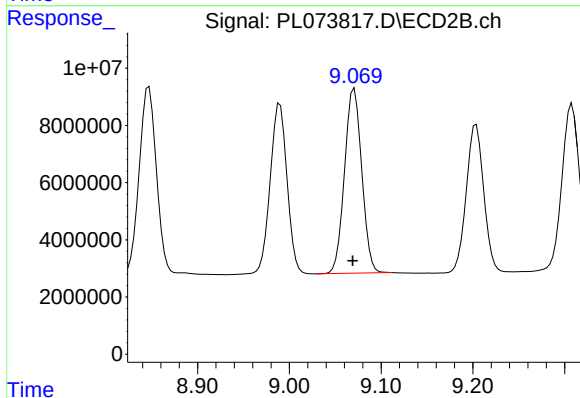
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: -0.005 min
Response: 20617886
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

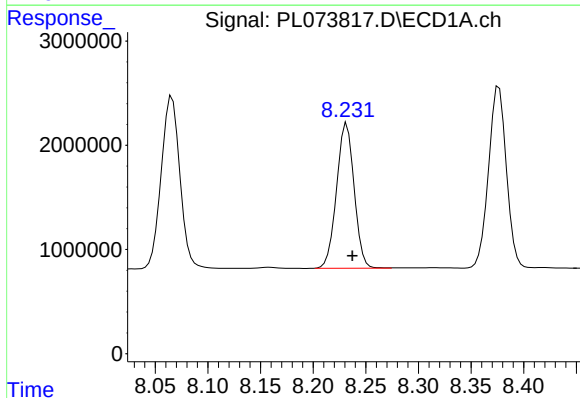
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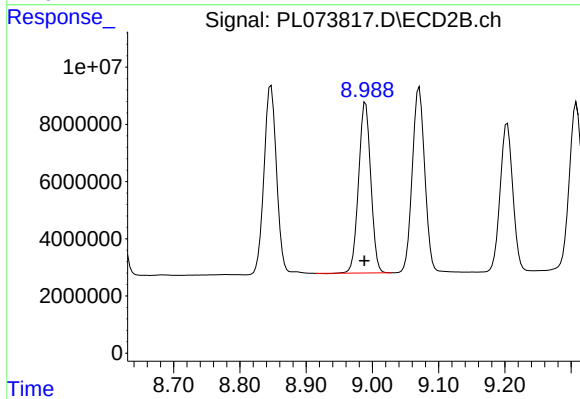
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 84197657
Conc: 54.82 ng/ml



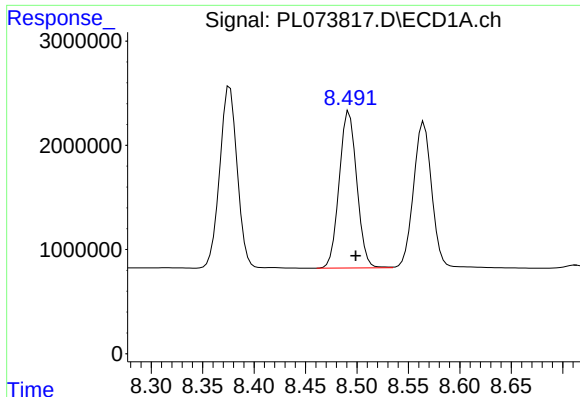
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 16194636
Conc: 49.87 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 76179680
Conc: 52.19 ng/ml



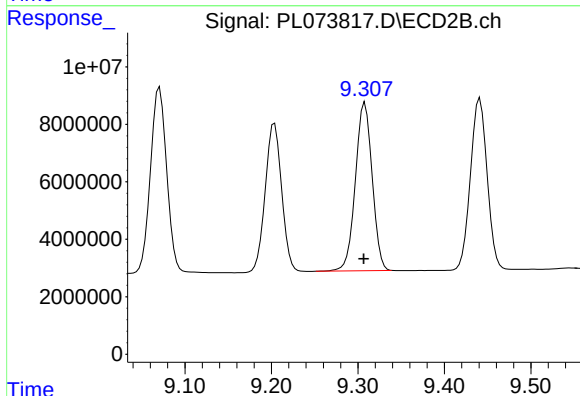
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: -0.006 min
Response: 17933809
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

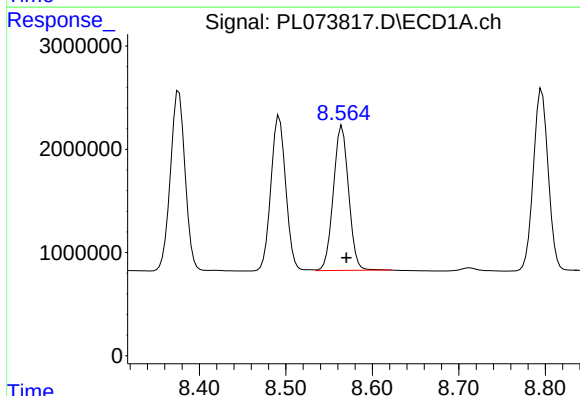
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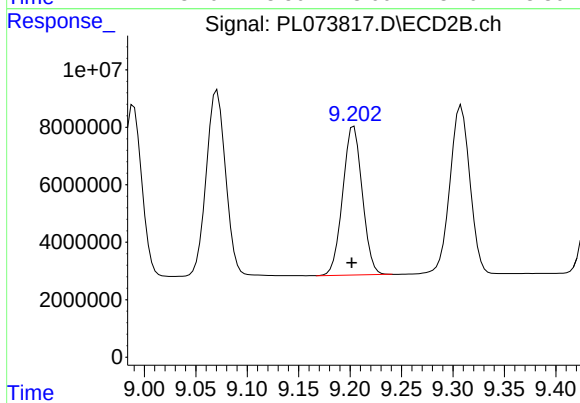
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 78948596
Conc: 48.30 ng/ml



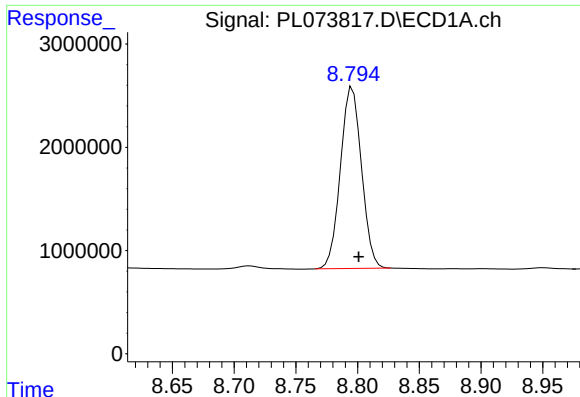
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: -0.005 min
Response: 17128009
Conc: 54.16 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 68447450
Conc: 55.82 ng/ml m



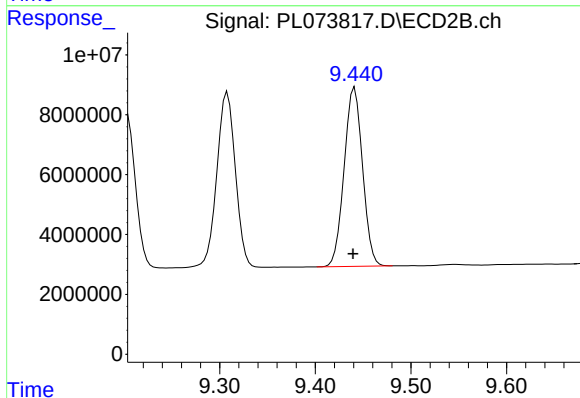
#19 Endosulfan Sulfate

R.T.: 8.794 min
Delta R.T.: -0.007 min
Response: 20902261
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

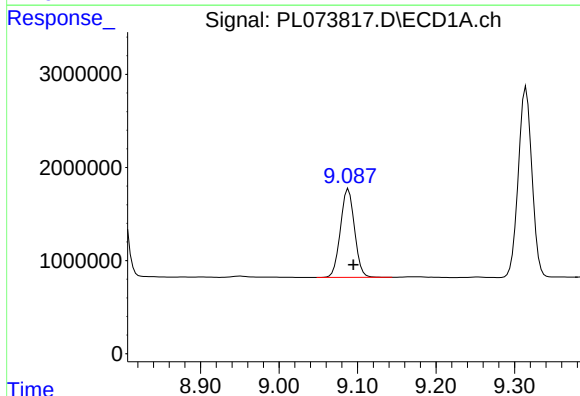
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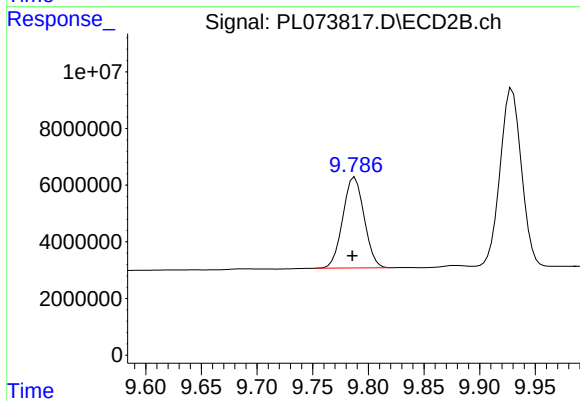
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.002 min
Response: 80262953
Conc: 50.93 ng/ml



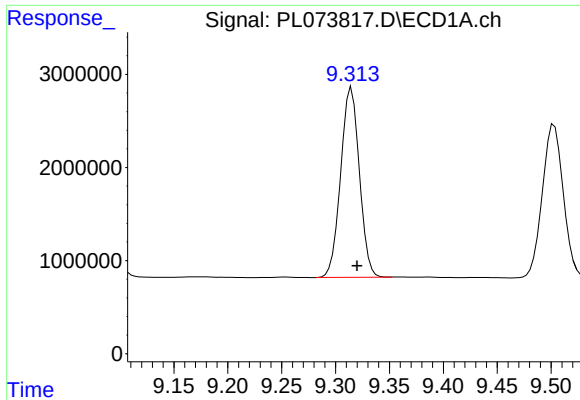
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: -0.006 min
Response: 11902553
Conc: 46.40 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.002 min
Response: 42832644
Conc: 47.54 ng/ml



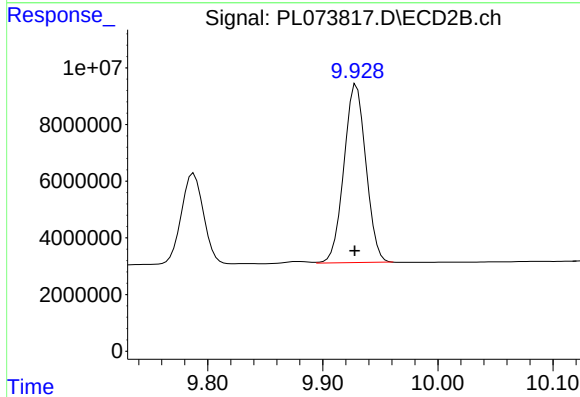
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: -0.005 min
Response: 24641170
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

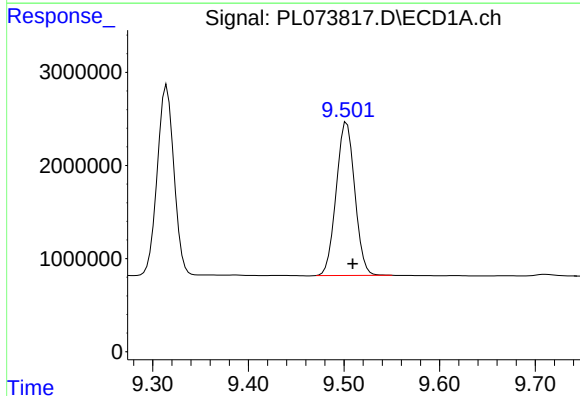
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Reviewed By :Abdul Mirza 04/06/2022
Supervised By :mohammad ahmed 04/06/2022



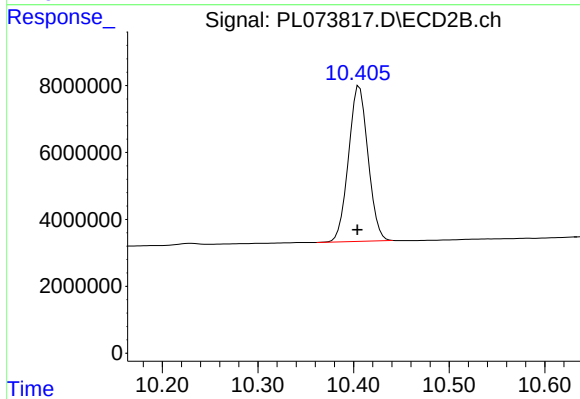
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.001 min
Response: 83854842
Conc: 50.80 ng/ml



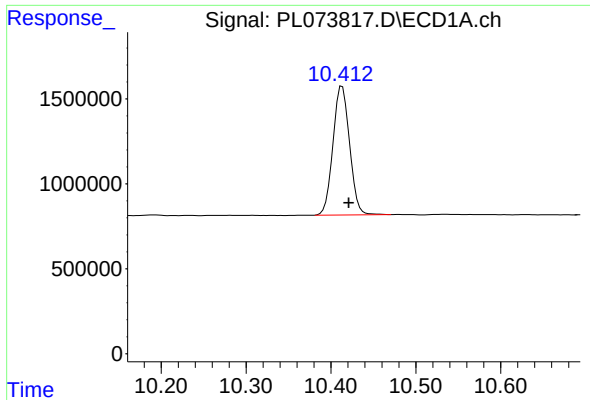
#22 Mirex

R.T.: 9.503 min
Delta R.T.: -0.006 min
Response: 22259057
Conc: 47.20 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.002 min
Response: 66074078
Conc: 48.64 ng/ml



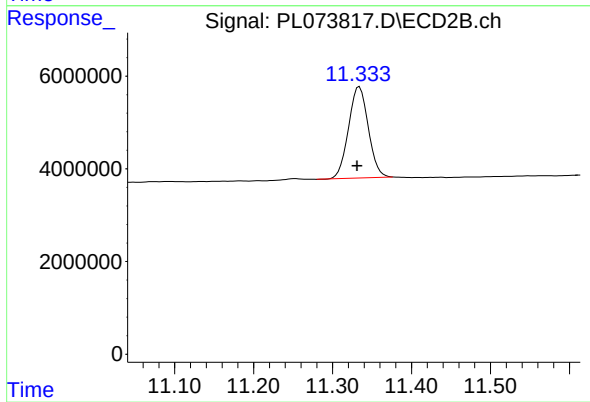
#28 Decachlorobiphenyl

R.T.: 10.413 min
Delta R.T.: -0.008 min
Response: 10309215
Conc: 20.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4MSD

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.: 0.003 min
Response: 34363388
Conc: 19.22 ng/ml