

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073813.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 15:58
 Operator : AR\AJ
 Sample : PB143893BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143893BS

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 01:04:01 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	5777924	32171496	18.040	19.602
28)	SA Decachlor...	10.415	11.333	9458988	30030854	18.602	16.794
Target Compounds							
2)	A alpha-BHC	5.349	6.054	18370127	118.4E6	44.566	52.634
3)	MA gamma-BHC...	5.773	6.443	18443147	110.7E6	44.214	51.826
4)	MA Heptachlor	6.184	7.102	19355229	116.6E6	42.897	49.746
5)	MB Aldrin	6.509	7.470	18444187	108.8E6	44.641	51.950
6)	B beta-BHC	6.153	6.680	8977275	49672834	43.601	47.654
7)	B delta-BHC	6.415	6.947	18425357	110.7E6	45.874	51.387
8)	B Heptachlo...	7.086	7.926	19217113	101.2E6	44.589	50.675
9)	A Endosulfan I	7.489	8.327	18378600	90900944	44.802	49.798
10)	B gamma-Chl...	7.364	8.193	19725943	102.8E6	45.108	50.321m
11)	B alpha-Chl...	7.433	8.276	19922034	99436359	45.079	49.718m
12)	B 4,4'-DDE	7.648	8.461	16633708	90806407	46.354	50.663
13)	MA Dieldrin	7.774	8.611	19188071	91065433	46.056m	49.365
14)	MA Endrin	8.067	8.846	19037449	73818697	49.065	47.952
15)	B Endosulfa...	8.377	9.070	18097176	72922954	46.299	47.481
16)	A 4,4'-DDD	8.233	8.988	15010315	67616265	46.223	46.322m
17)	MA 4,4'-DDT	8.494	9.308	16619311	71707308	43.945	43.870
18)	B Endrin al...	8.566	9.201	14752183	56535024	46.647	46.102m
19)	B Endosulfa...	8.797	9.440	19041271	70800430	45.076	44.922
20)	A Methoxychlor	9.089	9.787	10851811	37412643	42.302	41.520
21)	B Endrin ke...	9.316	9.928	22426213	72714614	45.840	44.054
22)	Mirex	9.504	10.405	23122866	65574968	49.035	48.272

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040522\
 Data File : PL073813.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Apr 2022 15:58
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 Sample : PB143893BS
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Instrument :

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Manual Integrations

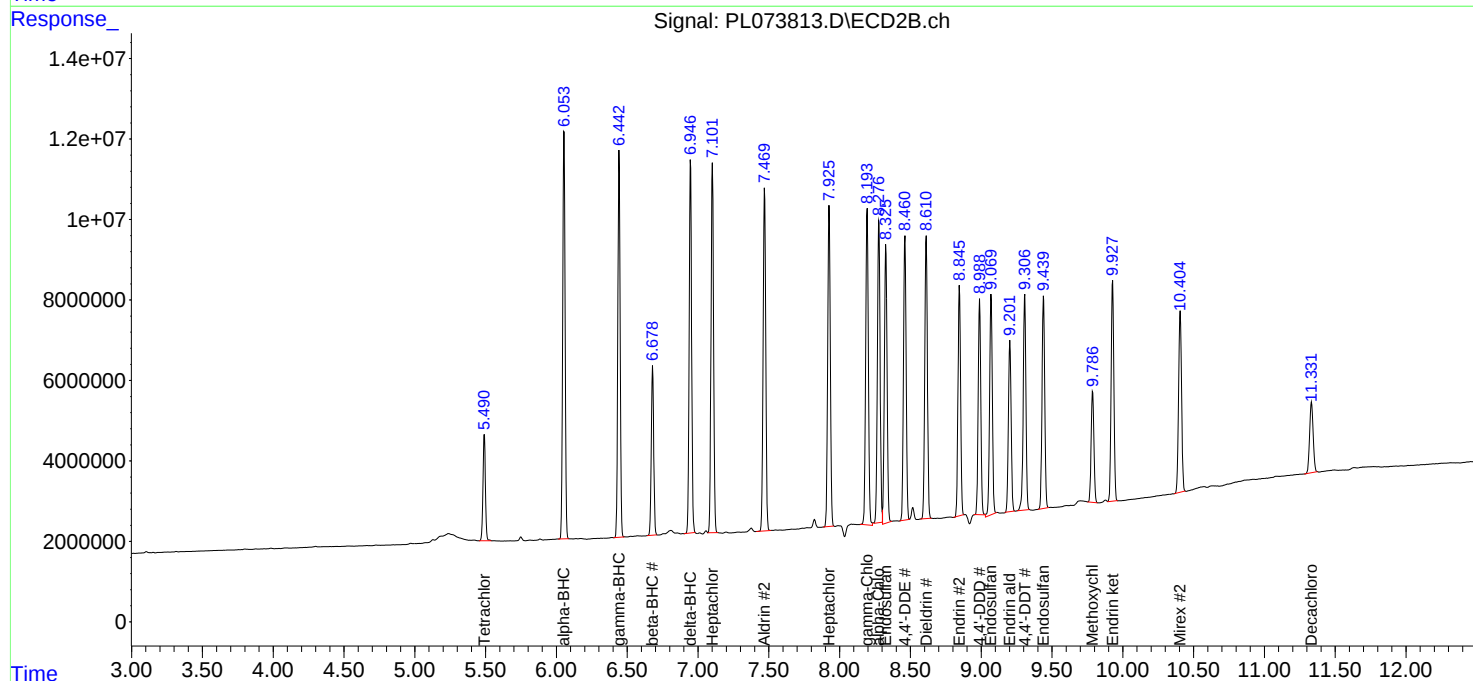
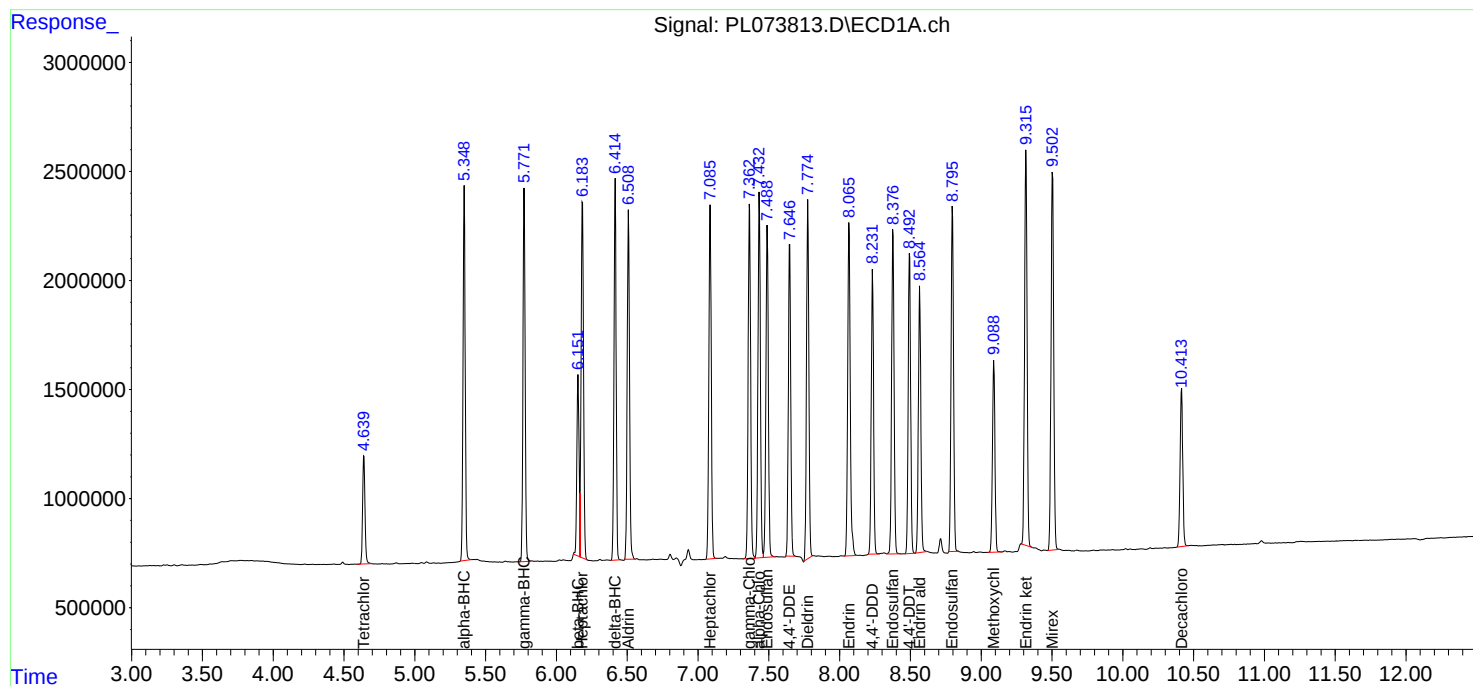
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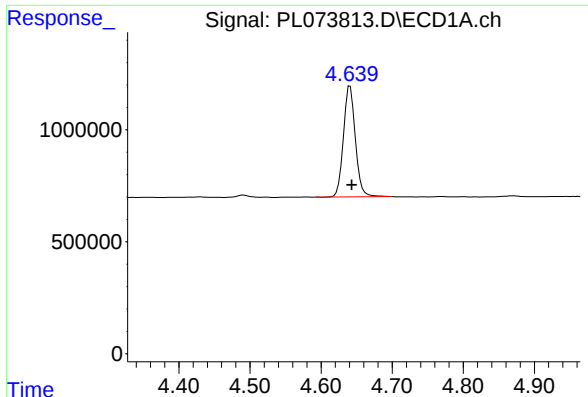
Reviewed By :Abdul Mirza 04/06/2022

Supervised By :mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 01:04:01 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
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





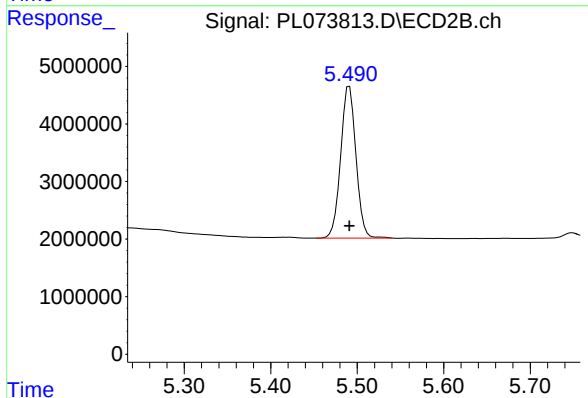
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 5777924
Conc: 18.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143893BS

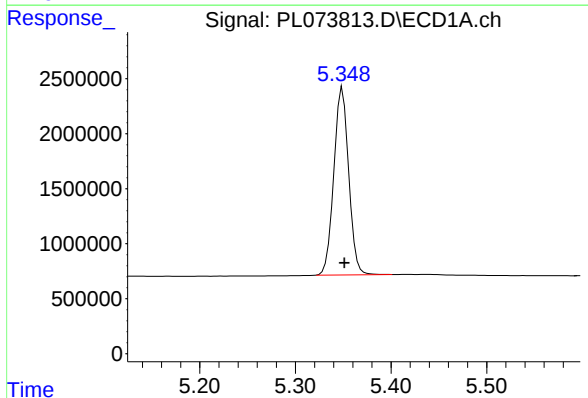
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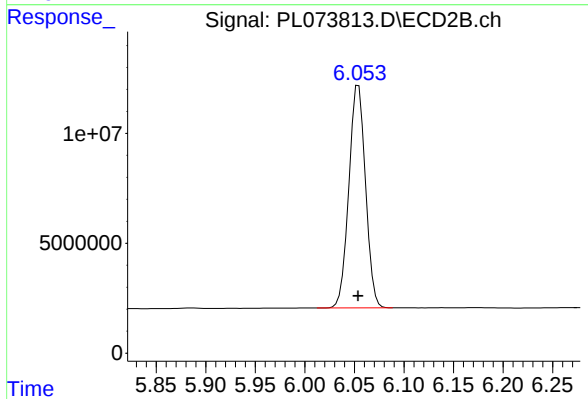
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 32171496
Conc: 19.60 ng/ml



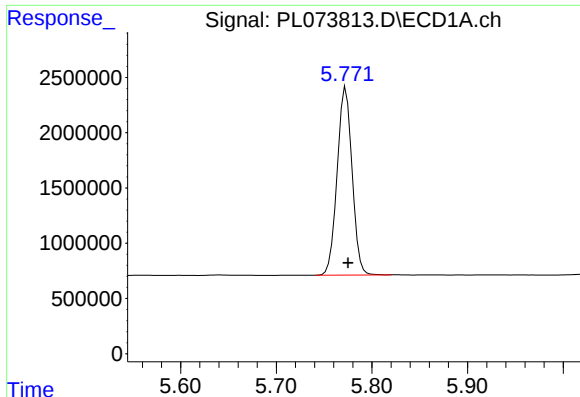
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 18370127
Conc: 44.57 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 118409031
Conc: 52.63 ng/ml



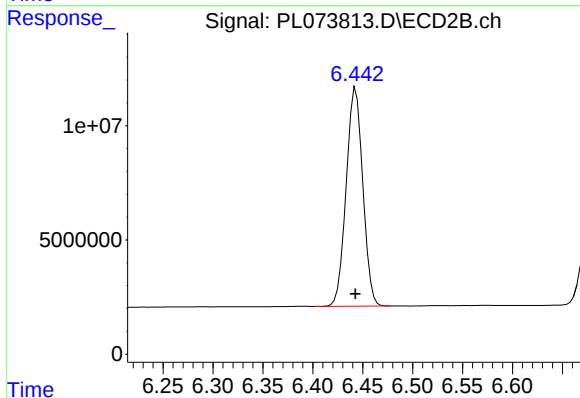
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 18443147
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143893BS

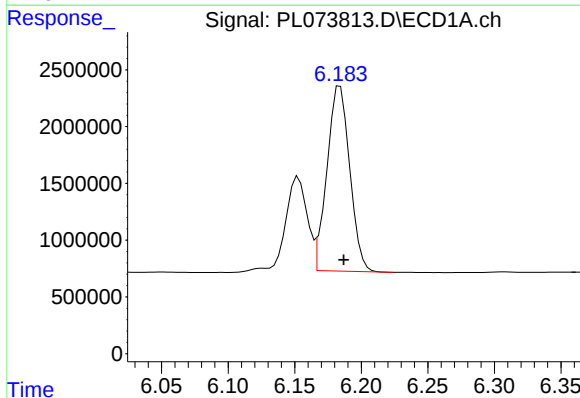
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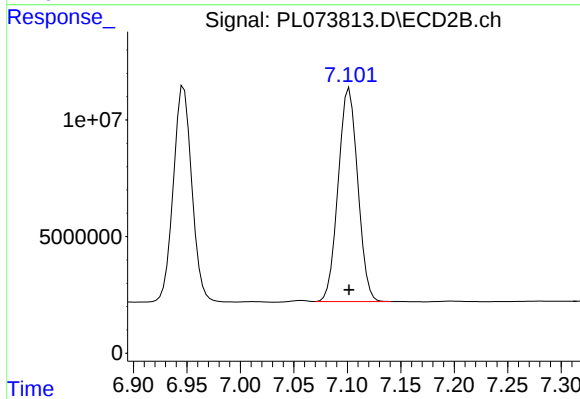
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 110652552
Conc: 51.83 ng/ml



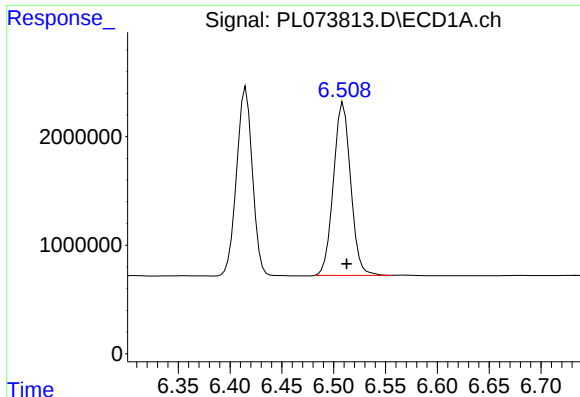
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 19355229
Conc: 42.90 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 116560286
Conc: 49.75 ng/ml



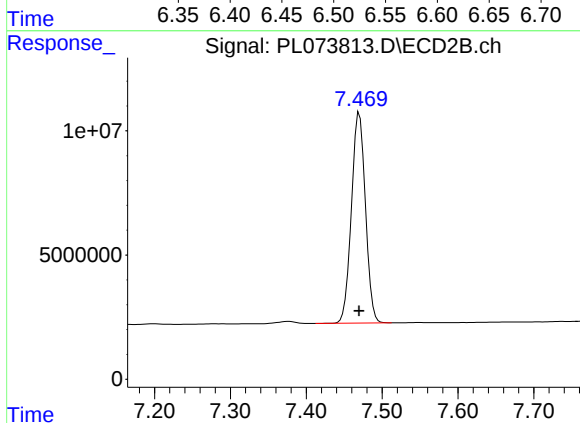
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 18444187
Conc: 44.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143893BS

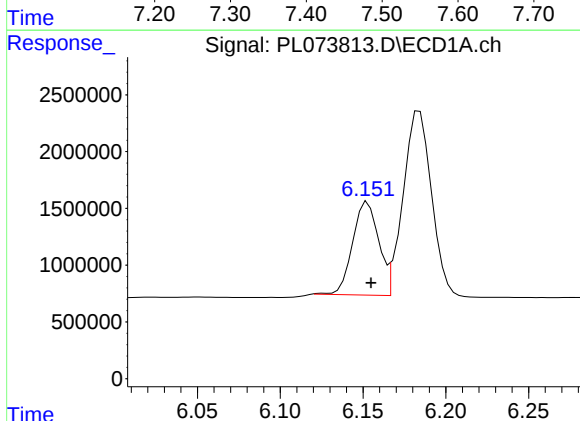
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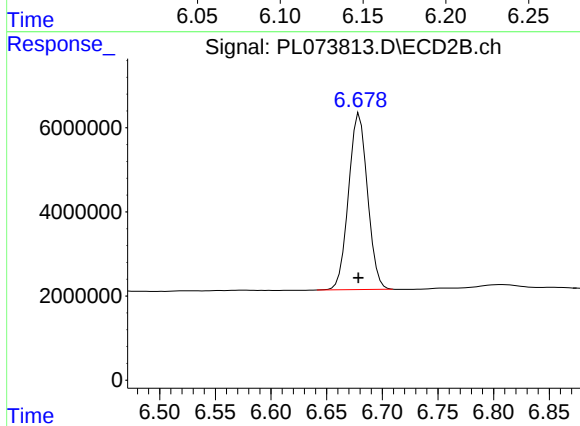
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 108833293
Conc: 51.95 ng/ml



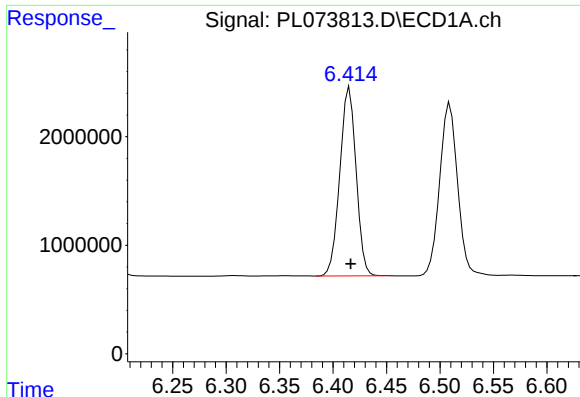
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 8977275
Conc: 43.60 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 49672834
Conc: 47.65 ng/ml



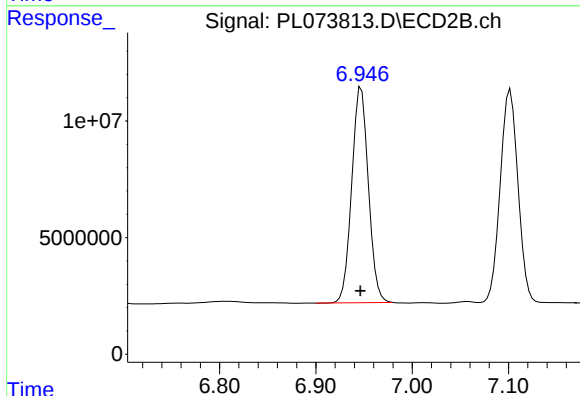
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 18425357
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143893BS

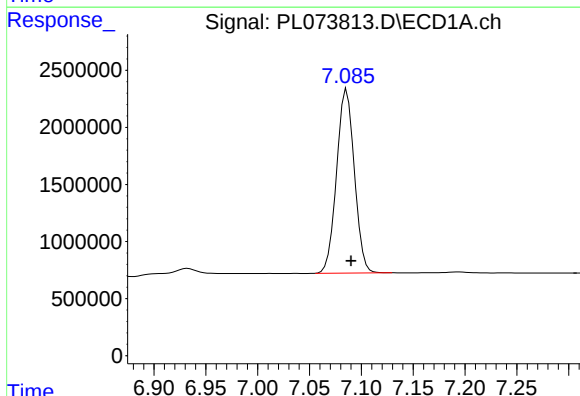
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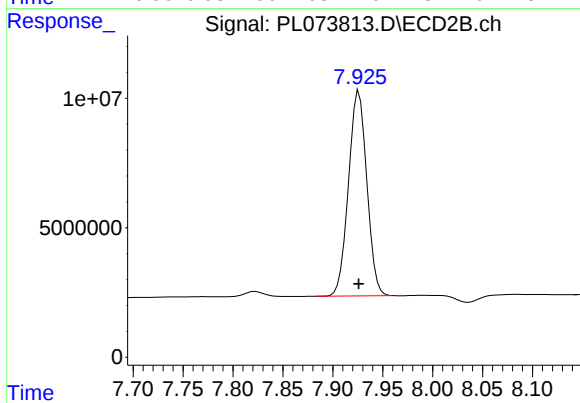
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 110665161
Conc: 51.39 ng/ml



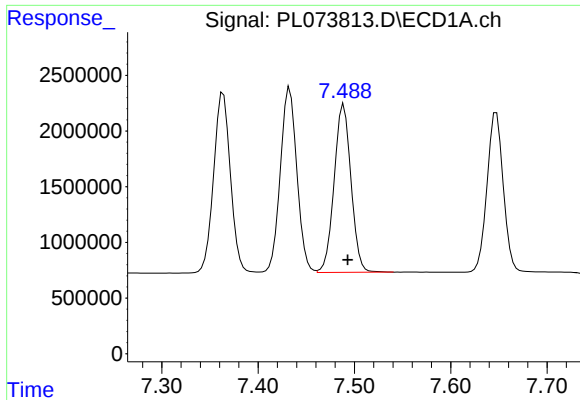
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 19217113
Conc: 44.59 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 101213499
Conc: 50.67 ng/ml



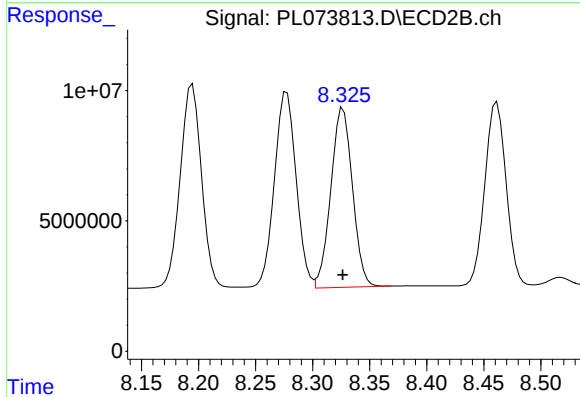
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 18378600
Conc: 44.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143893BS

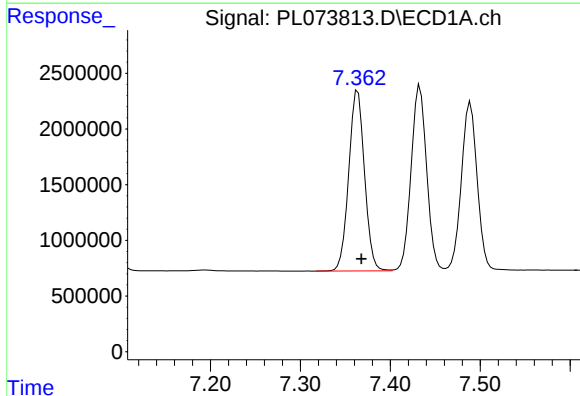
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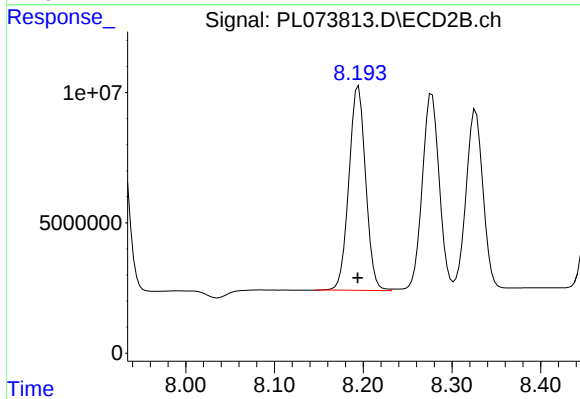
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 90900944
Conc: 49.80 ng/ml



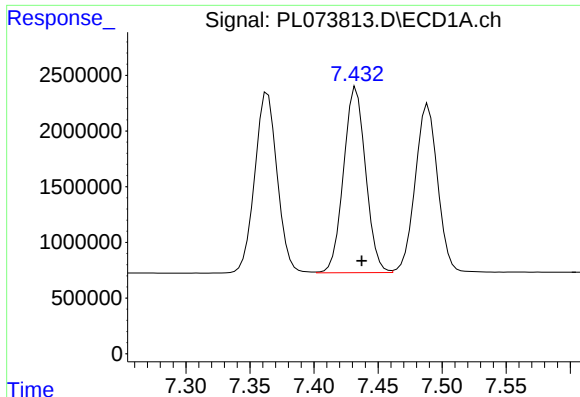
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 19725943
Conc: 45.11 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 102777115
Conc: 50.32 ng/ml m



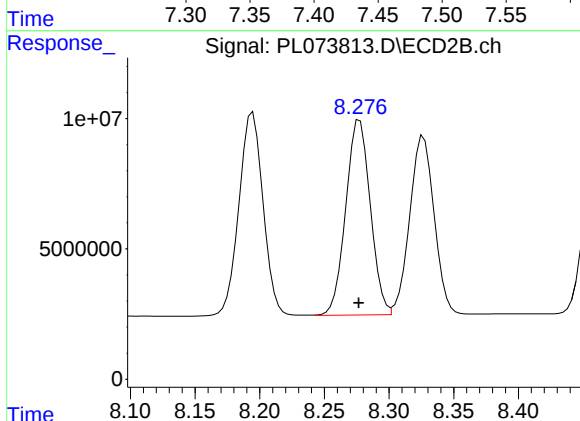
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 19922034
Conc: 45.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143893BS

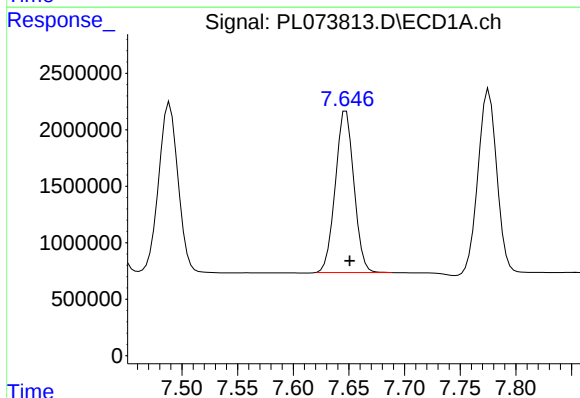
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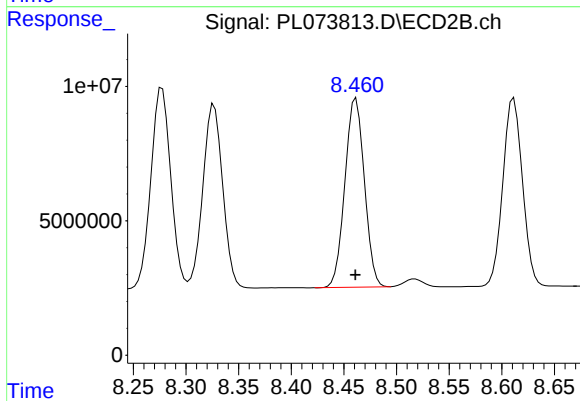
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 99436359
Conc: 49.72 ng/ml m



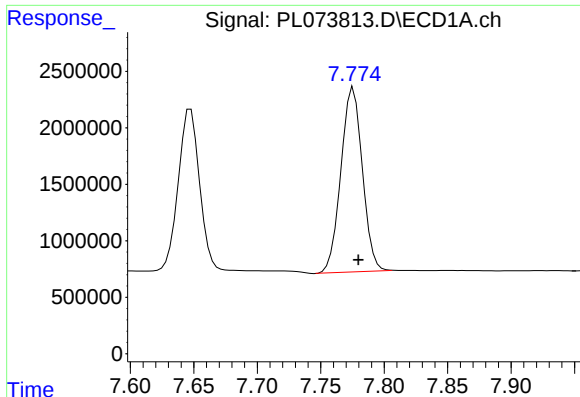
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 16633708
Conc: 46.35 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 90806407
Conc: 50.66 ng/ml



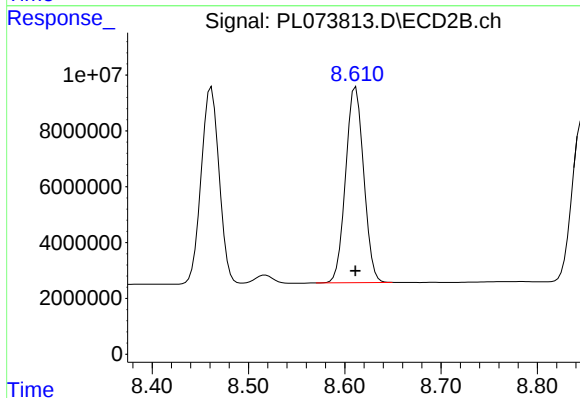
#13 Dieldrin

R.T.: 7.774 min
Delta R.T.: -0.005 min
Response: 19188071
Conc: 46.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143893BS

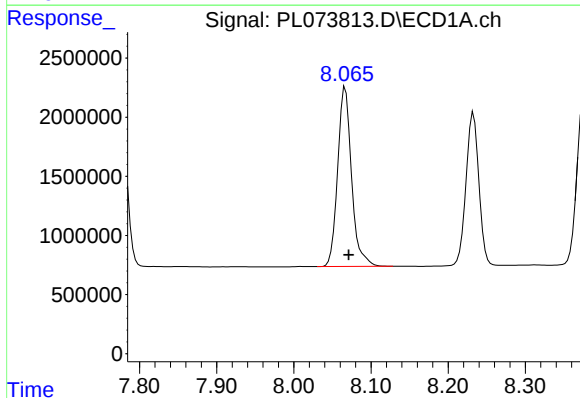
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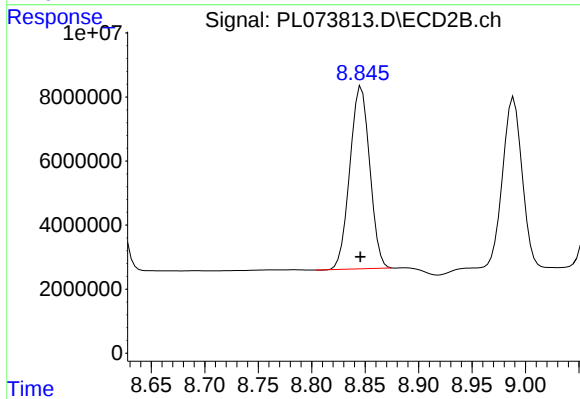
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 91065433
Conc: 49.37 ng/ml



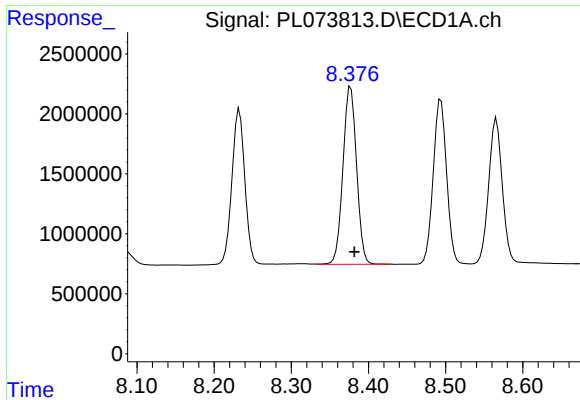
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 19037449
Conc: 49.07 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.001 min
Response: 73818697
Conc: 47.95 ng/ml



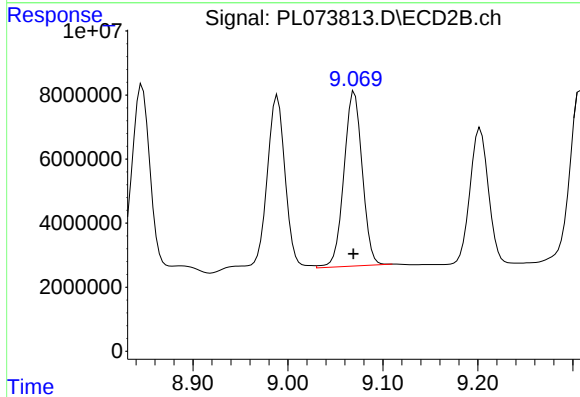
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.005 min
Response: 18097176
Conc: 46.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143893BS

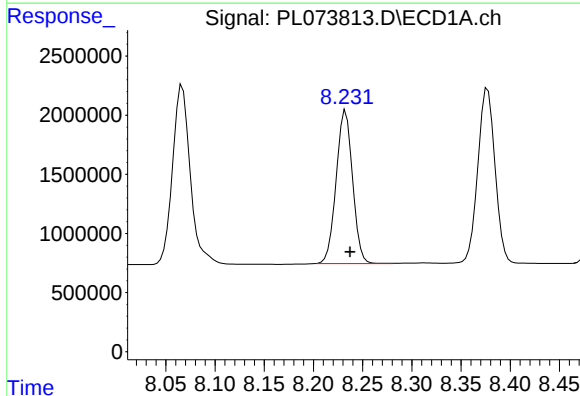
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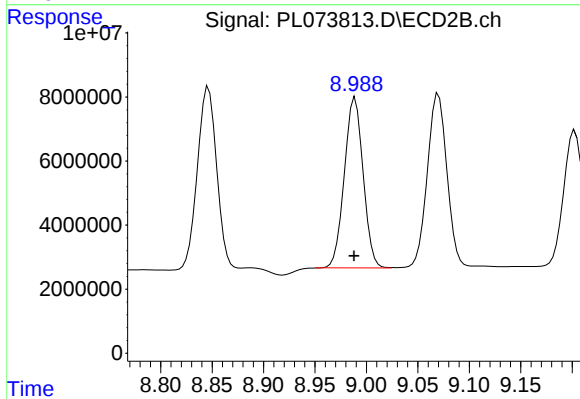
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 72922954
Conc: 47.48 ng/ml



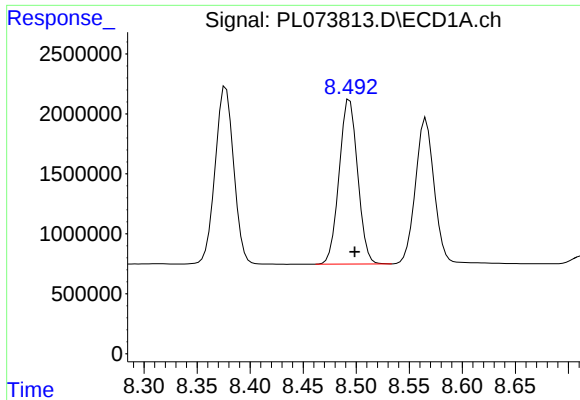
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 15010315
Conc: 46.22 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 67616265
Conc: 46.32 ng/ml m



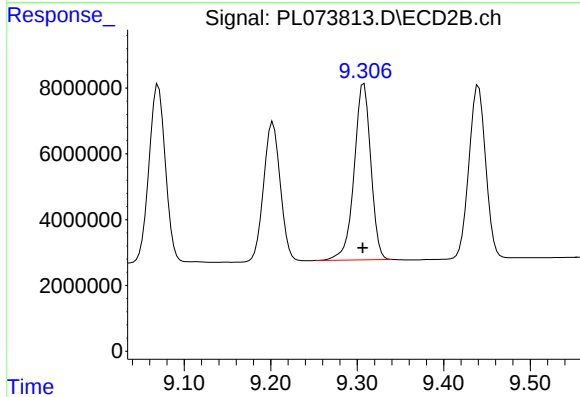
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 16619311
Conc: 43.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143893BS

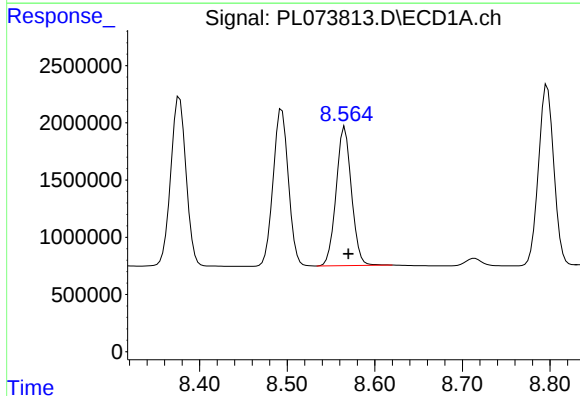
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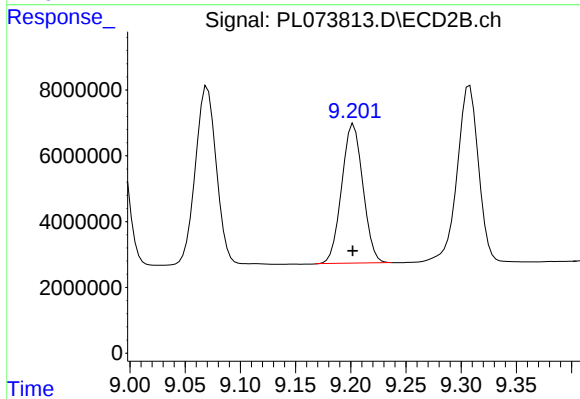
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 71707308
Conc: 43.87 ng/ml



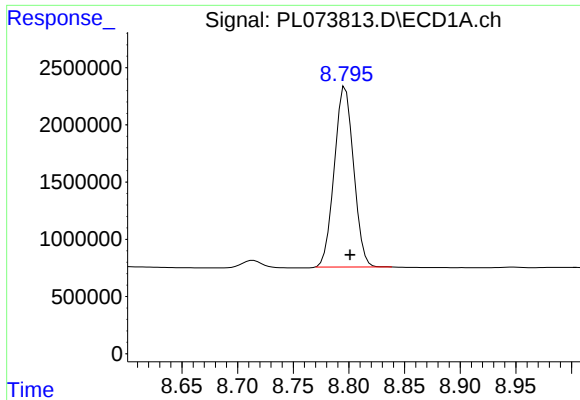
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 14752183
Conc: 46.65 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 56535024
Conc: 46.10 ng/ml m



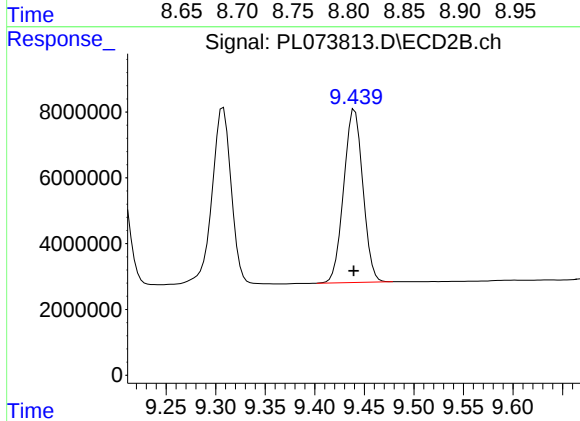
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 19041271
Conc: 45.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143893BS

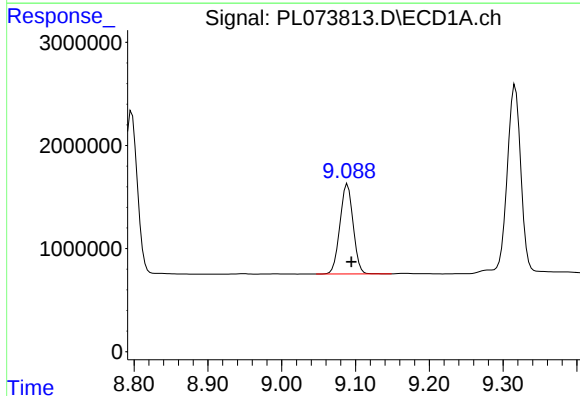
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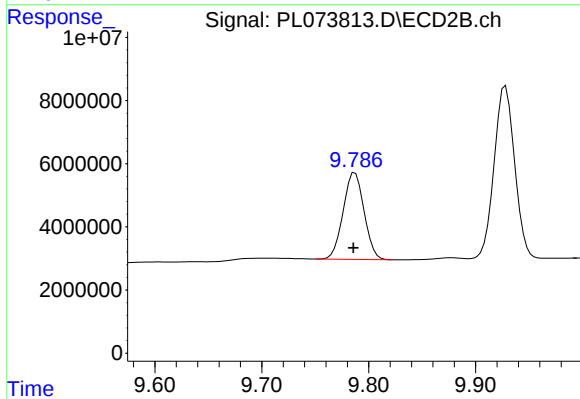
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.001 min
Response: 70800430
Conc: 44.92 ng/ml



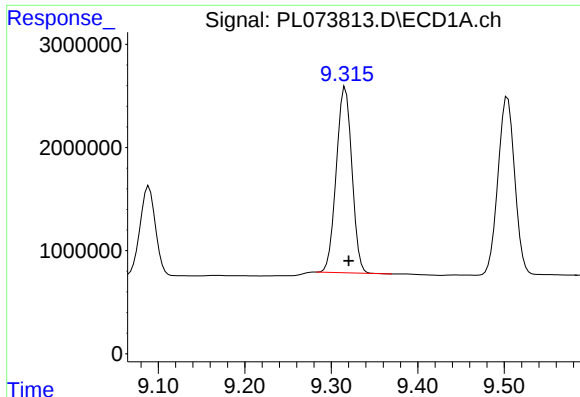
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 10851811
Conc: 42.30 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 37412643
Conc: 41.52 ng/ml



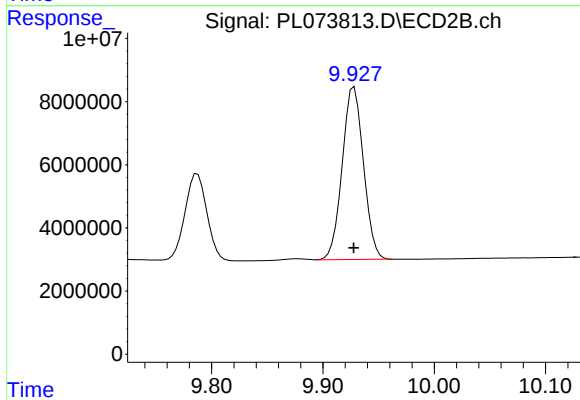
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 22426213
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143893BS

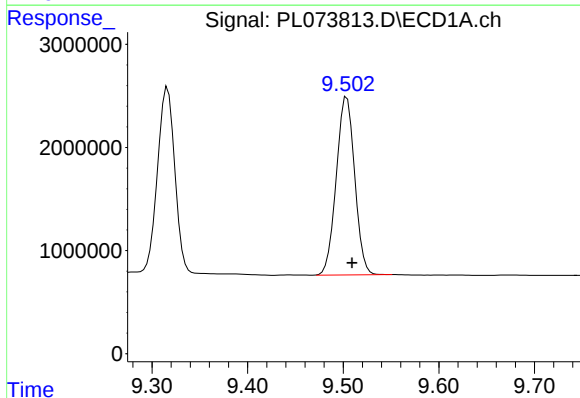
Manual Integrations
APPROVED

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



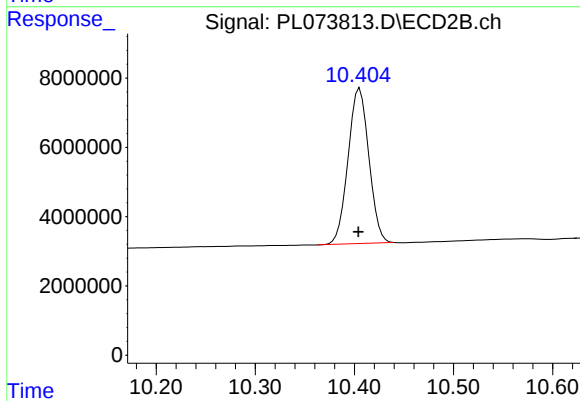
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 72714614
Conc: 44.05 ng/ml



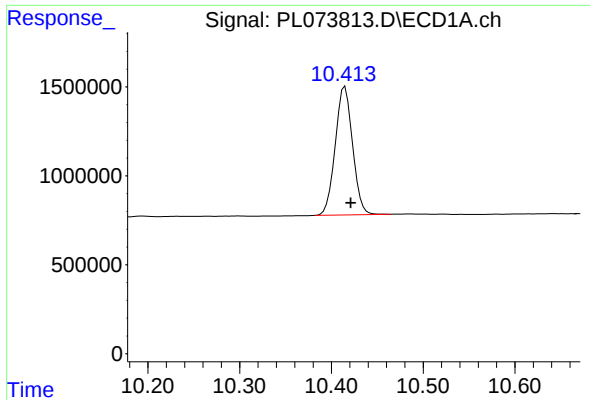
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 23122866
Conc: 49.03 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.001 min
Response: 65574968
Conc: 48.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 9458988
Conc: 18.60 ng/ml

Instrument :

ECD_L

ClientSampleId :

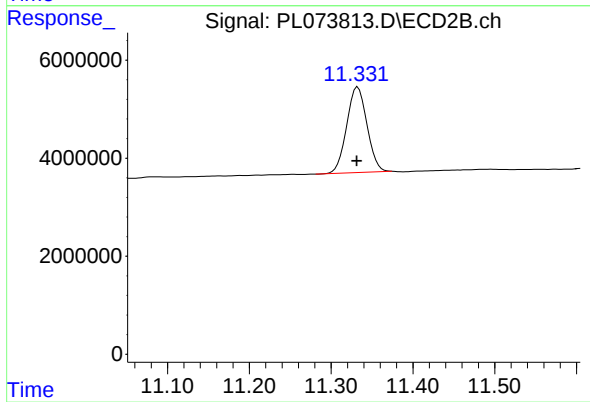
PB143893BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.001 min
Response: 30030854
Conc: 16.79 ng/ml