

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110821\
 Data File : PL070823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2021 10:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/09/2021
 Supervised By :mohammad ahmed 11/09/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 00:44:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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...	4.577	5.505	24277799	64365000	49.566	51.049
28) SA Decachlor...	10.339	11.400	32820227	68537700	48.032	51.248
Target Compounds						
2) A alpha-BHC	5.282	6.085	34810863	96838126	52.003m	52.606
3) MA gamma-BHC...	5.706	6.481	33278447	91465204	49.611	52.746
4) MA Heptachlor	6.114	7.129	35563872	90171799	49.566	55.515
5) MB Aldrin	6.438	7.499	32092465	85979847	50.186	52.949
6) B beta-BHC	6.088	6.736	16167971	50295944	49.773	58.700m
7) B delta-BHC	6.348	7.004	33672264	88751924	50.879	53.073
8) B Heptachlo...	7.015	7.966	32223725	81678010	49.563	53.589
9) A Endosulfan I	7.417	8.371	30722167	77094103	50.153	53.589
10) B gamma-Chl...	7.292	8.236	33036370	82170471	49.767	53.069
11) B alpha-Chl...	7.362	8.316	33102021	80817131	49.676	53.135
12) B 4,4'-DDE	7.577	8.506	29352791	79775181	50.380	54.066
13) MA Dieldrin	7.703	8.660	31526435	80098913	50.506	54.970
14) MA Endrin	7.994	8.899	27342211	63640014	48.225	54.943
15) B Endosulfa...	8.304	9.133	28950149	68096542	47.824m	55.755
16) A 4,4'-DDD	8.162	9.045	26398163	64924599	51.955	53.950
17) MA 4,4'-DDT	8.422	9.362	26928048	67324613	48.962	53.366
18) B Endrin al...	8.493	9.269	22998941	53611814	50.623	55.438
19) B Endosulfa...	8.724	9.506	30830264	66861656	49.977	53.947
20) A Methoxychlor	9.017	9.848	16661467	34912888	45.543	51.585
21) B Endrin ke...	9.242	10.002	37486333	78008480	52.424	54.343
22) Mirex	9.425	10.467	30337147	55292643	49.398	53.084

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110821\
 Data File : PL070823.D
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 Operator : AR\AJ
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ECD_L

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Manual Integrations

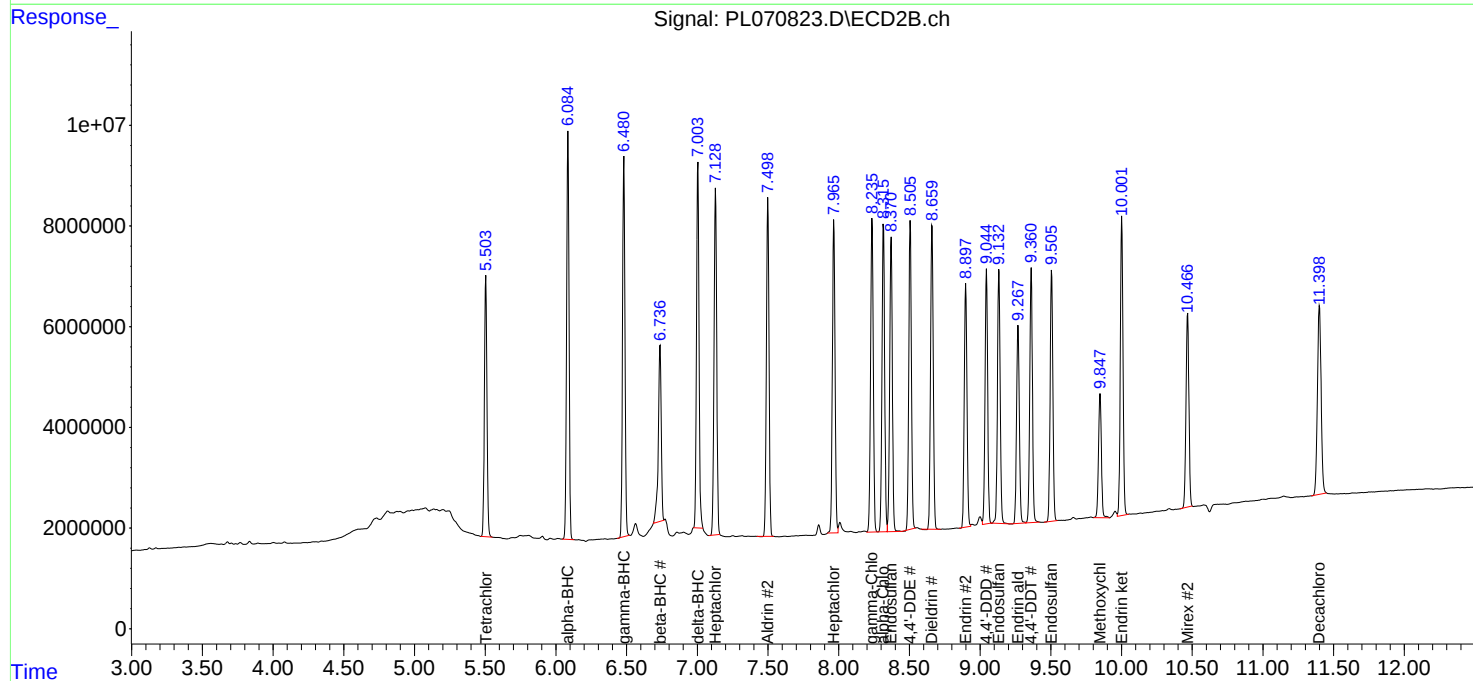
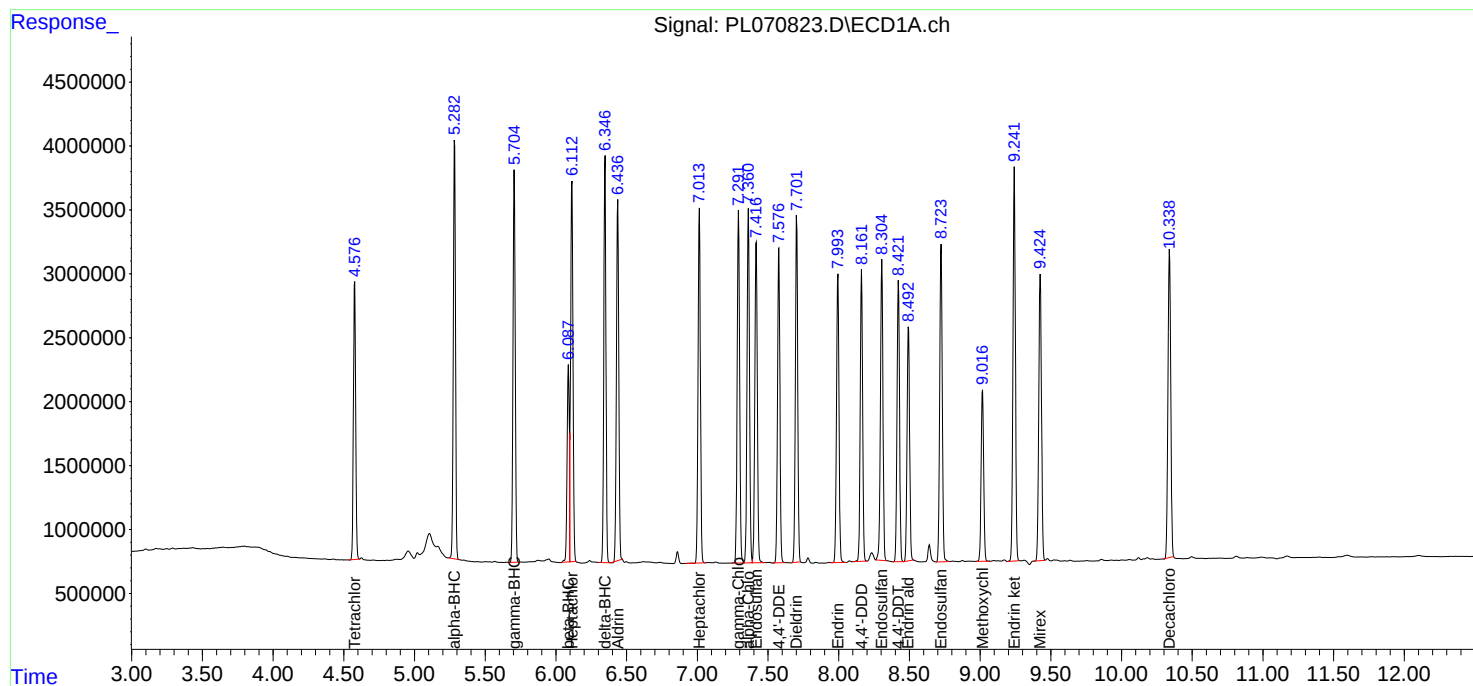
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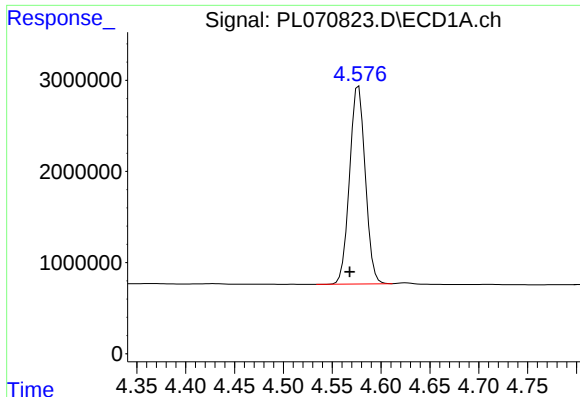
Reviewed By :Abdul Mirza 11/09/2021

Supervised By :mohammad ahmed 11/09/2021

Integration File signal 1: autoint1.e
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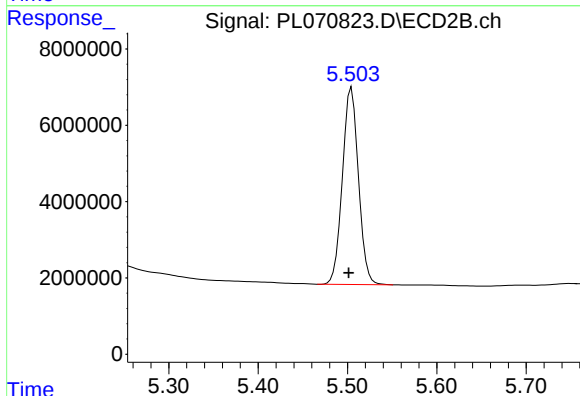
#1 Tetrachloro-m-xylene

R.T.: 4.577 min
Delta R.T.: 0.009 min
Response: 24277799
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

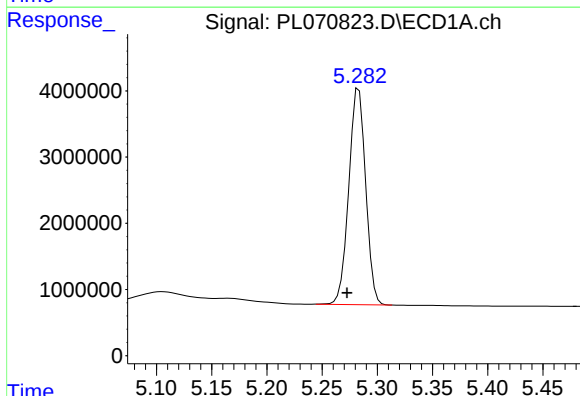
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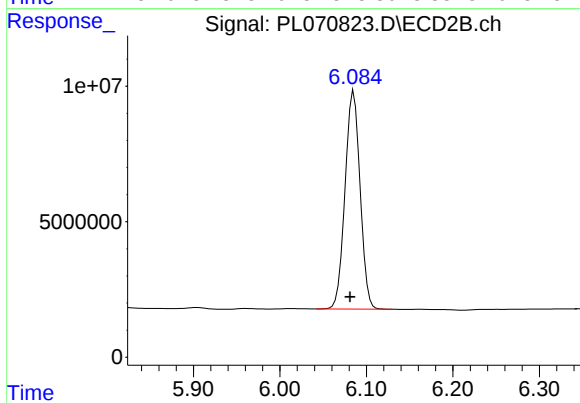
#1 Tetrachloro-m-xylene

R.T.: 5.505 min
Delta R.T.: 0.003 min
Response: 64365000
Conc: 51.05 ng/ml



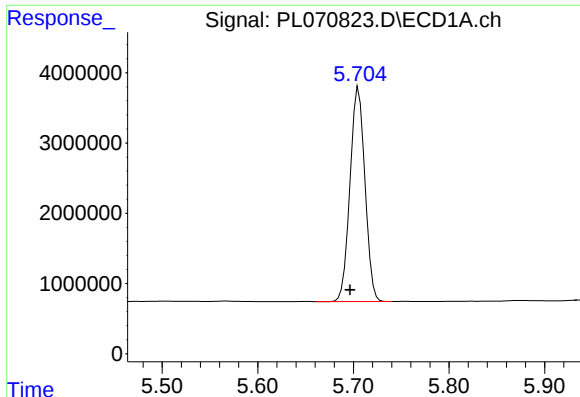
#2 alpha-BHC

R.T.: 5.282 min
Delta R.T.: 0.009 min
Response: 34810863
Conc: 52.00 ng/ml m



#2 alpha-BHC

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 96838126
Conc: 52.61 ng/ml



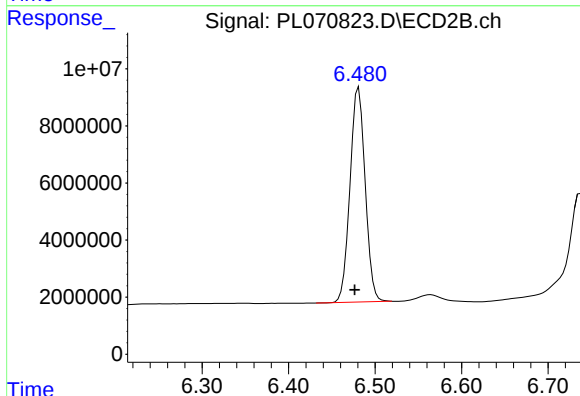
#3 gamma-BHC (Lindane)

R.T.: 5.706 min
Delta R.T.: 0.009 min
Response: 33278447
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

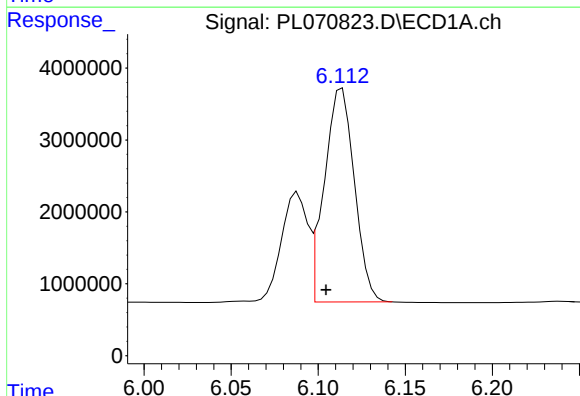
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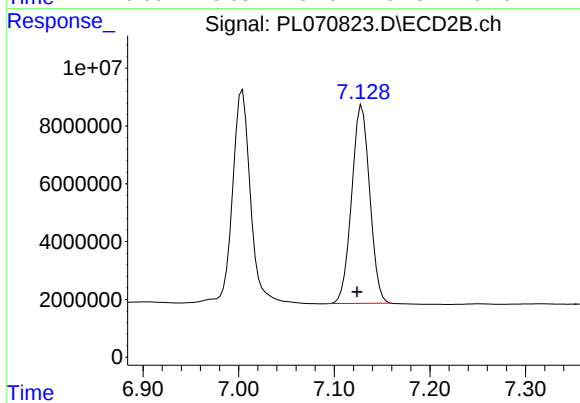
#3 gamma-BHC (Lindane)

R.T.: 6.481 min
Delta R.T.: 0.004 min
Response: 91465204
Conc: 52.75 ng/ml



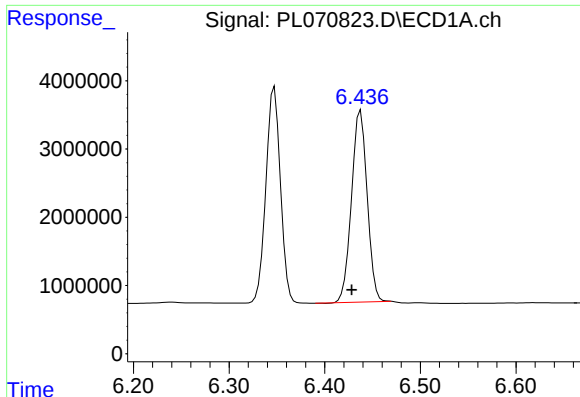
#4 Heptachlor

R.T.: 6.114 min
Delta R.T.: 0.009 min
Response: 35563872
Conc: 49.57 ng/ml



#4 Heptachlor

R.T.: 7.129 min
Delta R.T.: 0.005 min
Response: 90171799
Conc: 55.52 ng/ml



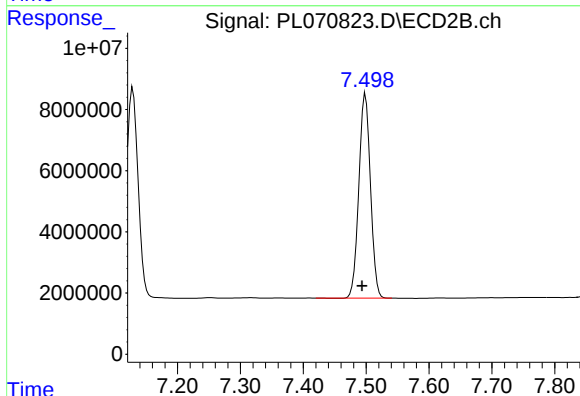
#5 Aldrin

R.T.: 6.438 min
Delta R.T.: 0.009 min
Response: 32092465
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

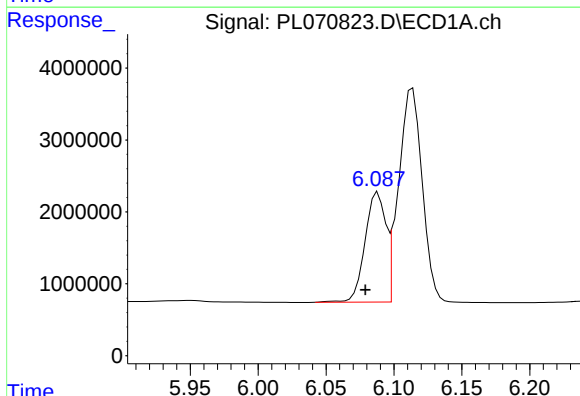
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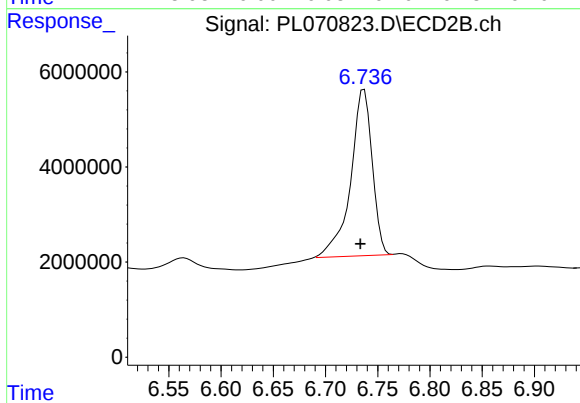
#5 Aldrin

R.T.: 7.499 min
Delta R.T.: 0.005 min
Response: 85979847
Conc: 52.95 ng/ml



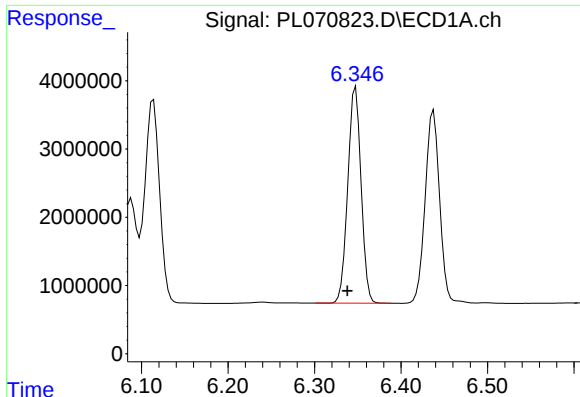
#6 beta-BHC

R.T.: 6.088 min
Delta R.T.: 0.009 min
Response: 16167971
Conc: 49.77 ng/ml



#6 beta-BHC

R.T.: 6.736 min
Delta R.T.: 0.002 min
Response: 50295944
Conc: 58.70 ng/ml m



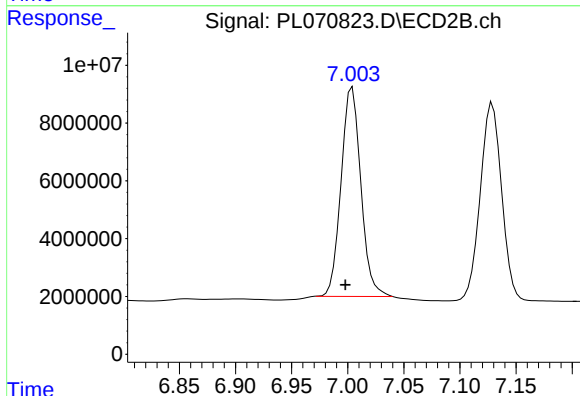
#7 delta-BHC

R.T.: 6.348 min
Delta R.T.: 0.009 min
Response: 33672264
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

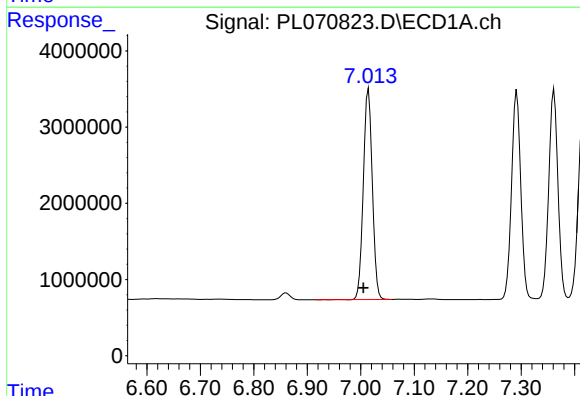
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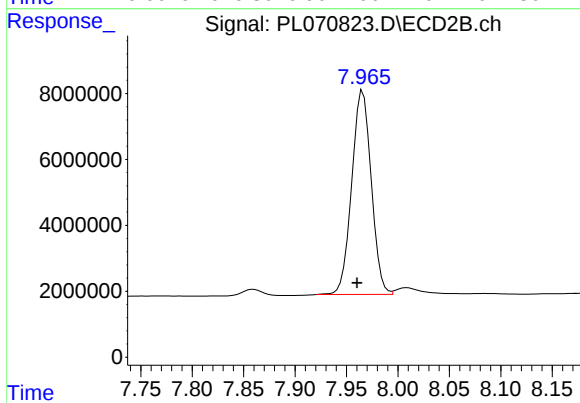
#7 delta-BHC

R.T.: 7.004 min
Delta R.T.: 0.006 min
Response: 88751924
Conc: 53.07 ng/ml



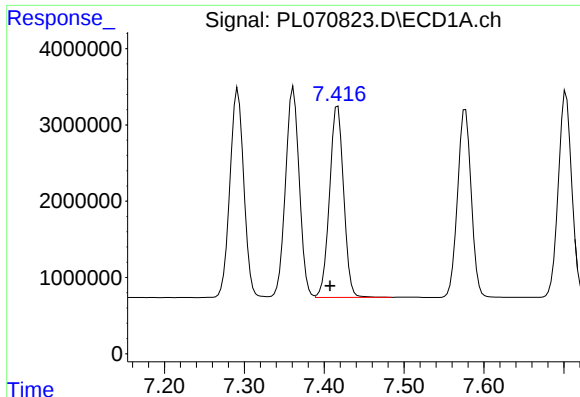
#8 Heptachlor epoxide

R.T.: 7.015 min
Delta R.T.: 0.009 min
Response: 32223725
Conc: 49.56 ng/ml



#8 Heptachlor epoxide

R.T.: 7.966 min
Delta R.T.: 0.006 min
Response: 81678010
Conc: 53.59 ng/ml



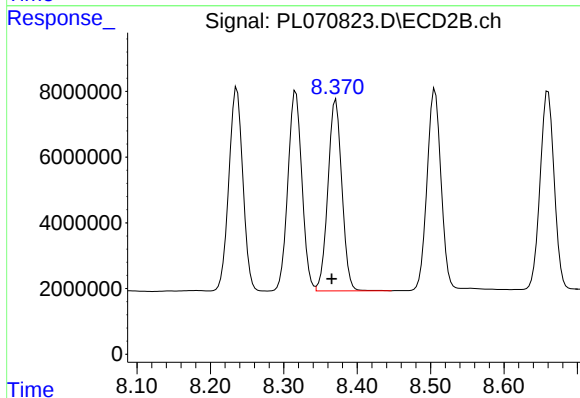
#9 Endosulfan I

R.T.: 7.417 min
Delta R.T.: 0.009 min
Response: 30722167
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

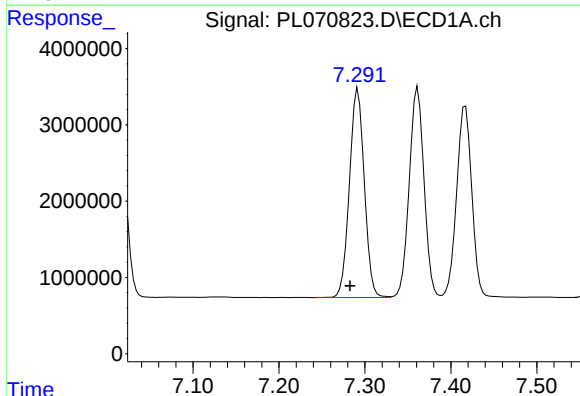
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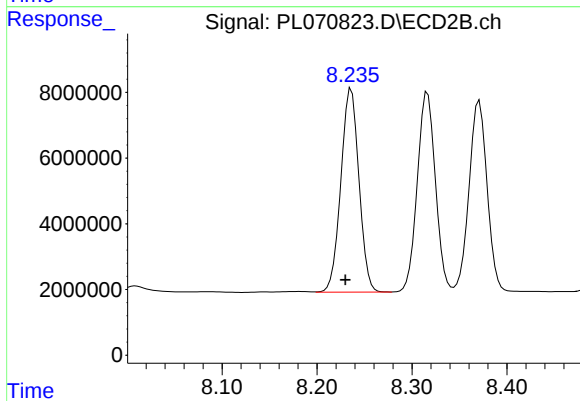
#9 Endosulfan I

R.T.: 8.371 min
Delta R.T.: 0.006 min
Response: 77094103
Conc: 53.59 ng/ml



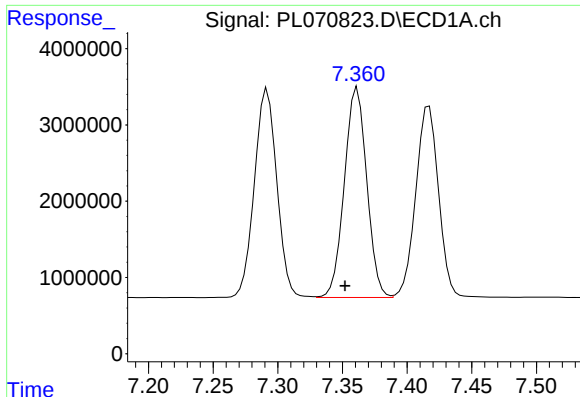
#10 gamma-Chlordane

R.T.: 7.292 min
Delta R.T.: 0.009 min
Response: 33036370
Conc: 49.77 ng/ml



#10 gamma-Chlordane

R.T.: 8.236 min
Delta R.T.: 0.006 min
Response: 82170471
Conc: 53.07 ng/ml



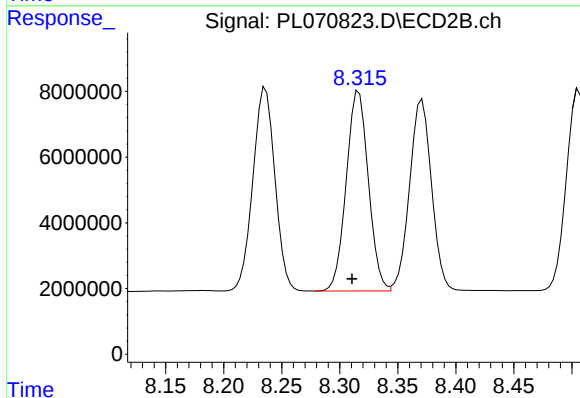
#11 alpha-Chlordane

R.T.: 7.362 min
Delta R.T.: 0.010 min
Response: 33102021
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

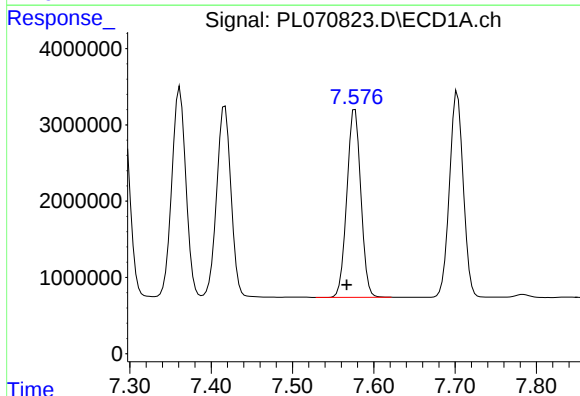
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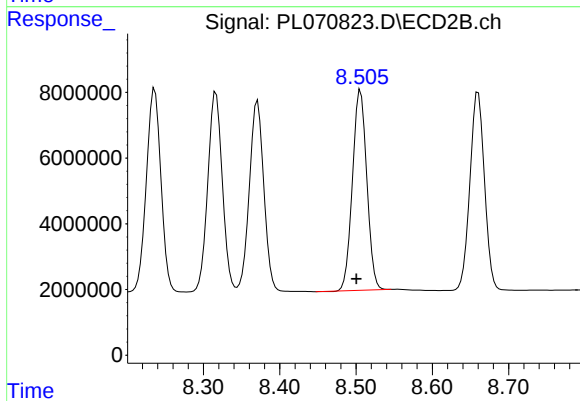
#11 alpha-Chlordane

R.T.: 8.316 min
Delta R.T.: 0.006 min
Response: 80817131
Conc: 53.14 ng/ml



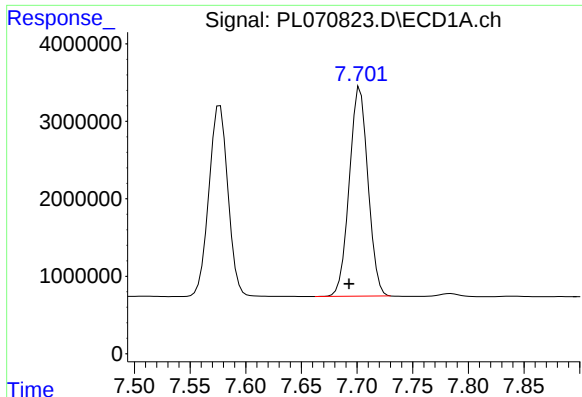
#12 4,4'-DDE

R.T.: 7.577 min
Delta R.T.: 0.010 min
Response: 29352791
Conc: 50.38 ng/ml



#12 4,4'-DDE

R.T.: 8.506 min
Delta R.T.: 0.006 min
Response: 79775181
Conc: 54.07 ng/ml



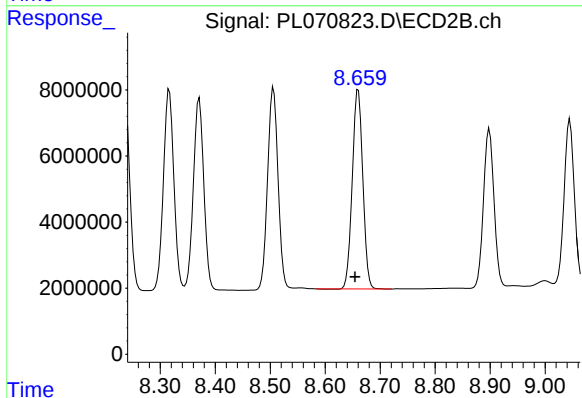
#13 Dieldrin

R.T.: 7.703 min
Delta R.T.: 0.010 min
Response: 31526435
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

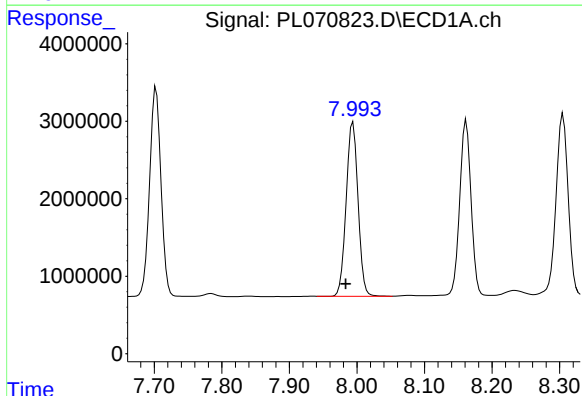
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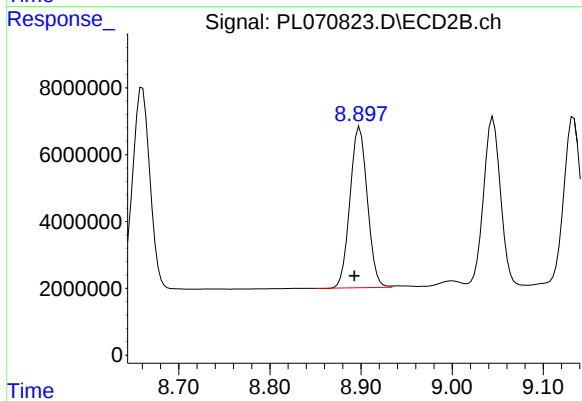
#13 Dieldrin

R.T.: 8.660 min
Delta R.T.: 0.006 min
Response: 80098913
Conc: 54.97 ng/ml



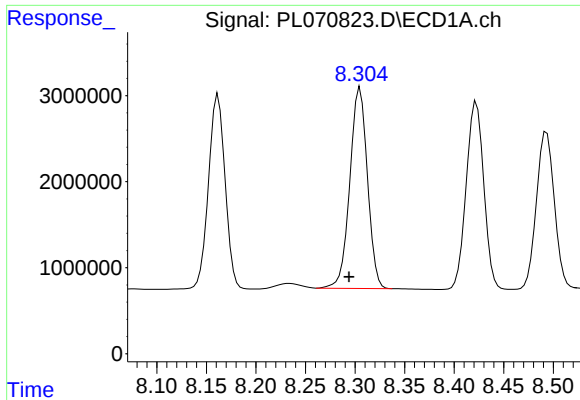
#14 Endrin

R.T.: 7.994 min
Delta R.T.: 0.011 min
Response: 27342211
Conc: 48.23 ng/ml



#14 Endrin

R.T.: 8.899 min
Delta R.T.: 0.006 min
Response: 63640014
Conc: 54.94 ng/ml



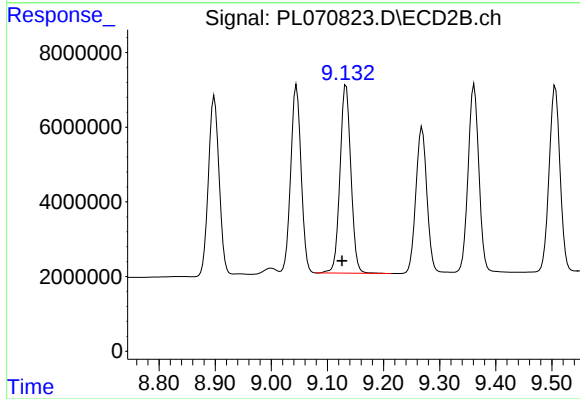
#15 Endosulfan II

R.T.: 8.304 min
Delta R.T.: 0.010 min
Response: 28950149
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
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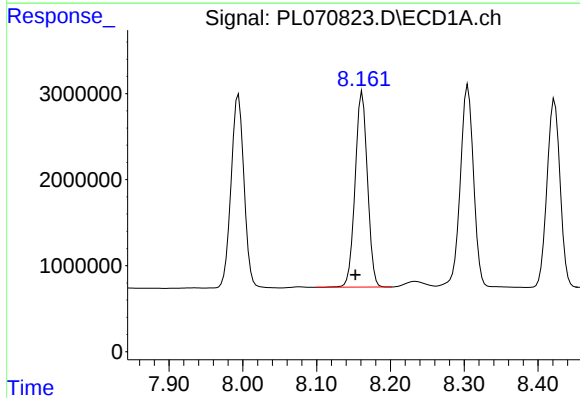
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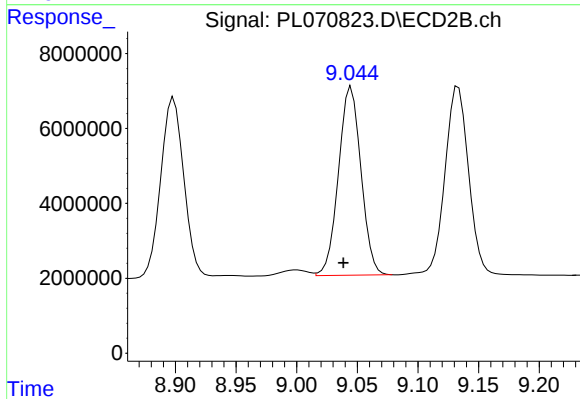
#15 Endosulfan II

R.T.: 9.133 min
Delta R.T.: 0.007 min
Response: 68096542
Conc: 55.76 ng/ml



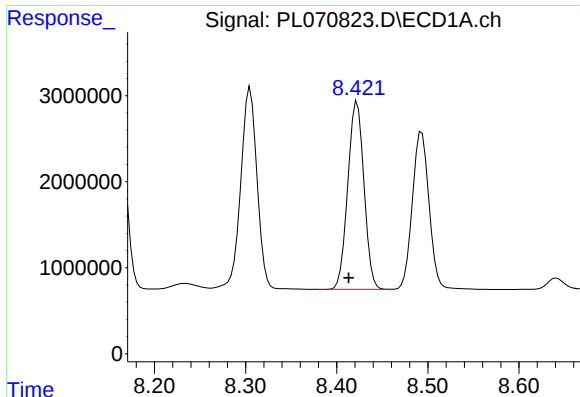
#16 4,4'-DDD

R.T.: 8.162 min
Delta R.T.: 0.010 min
Response: 26398163
Conc: 51.96 ng/ml



#16 4,4'-DDD

R.T.: 9.045 min
Delta R.T.: 0.006 min
Response: 64924599
Conc: 53.95 ng/ml



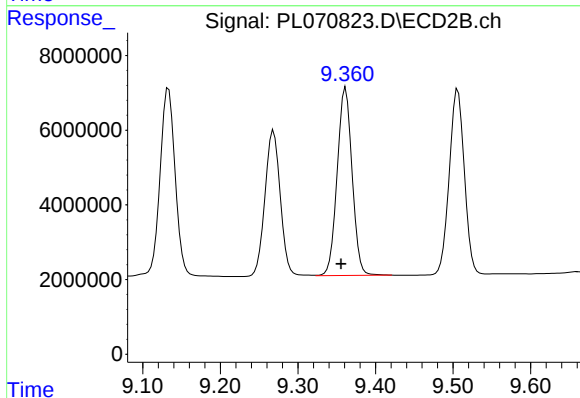
#17 4,4'-DDT

R.T.: 8.422 min
Delta R.T.: 0.009 min
Response: 26928048
Conc: 48.96 ng/ml

Instrument :
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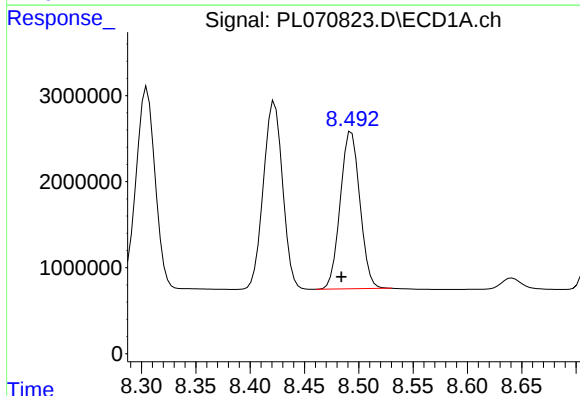
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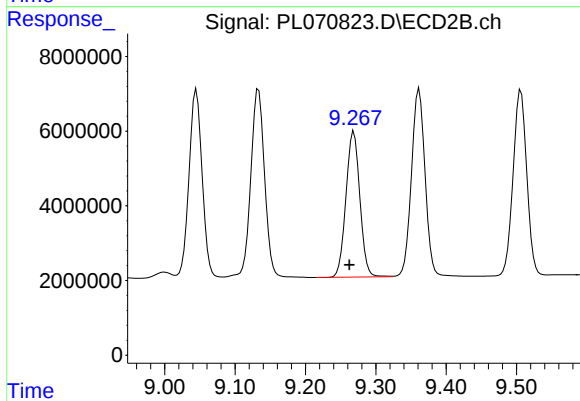
#17 4,4'-DDT

R.T.: 9.362 min
Delta R.T.: 0.006 min
Response: 67324613
Conc: 53.37 ng/ml



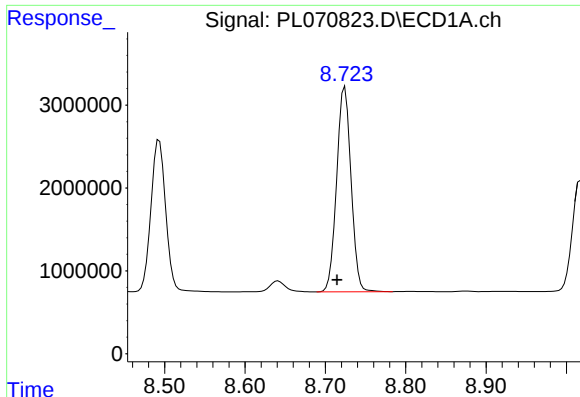
#18 Endrin aldehyde

R.T.: 8.493 min
Delta R.T.: 0.009 min
Response: 22998941
Conc: 50.62 ng/ml



#18 Endrin aldehyde

R.T.: 9.269 min
Delta R.T.: 0.006 min
Response: 53611814
Conc: 55.44 ng/ml



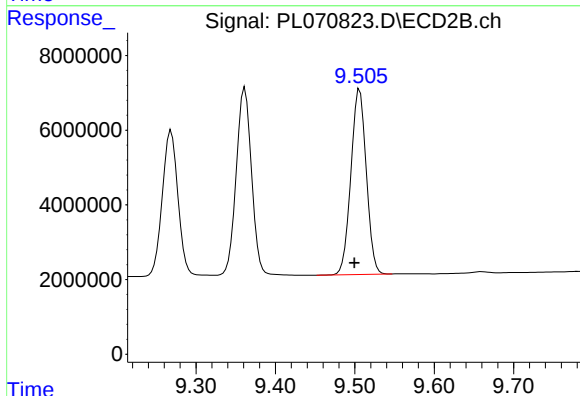
#19 Endosulfan Sulfate

R.T.: 8.724 min
Delta R.T.: 0.010 min
Response: 30830264
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

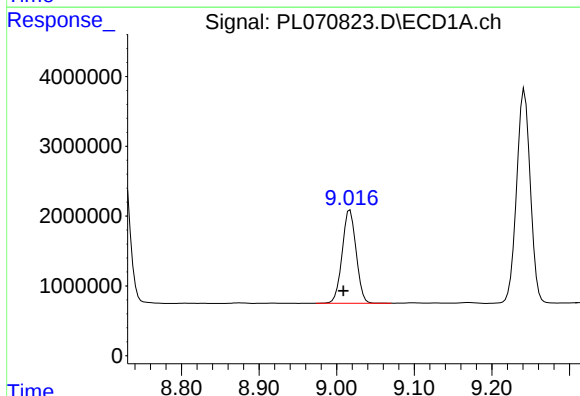
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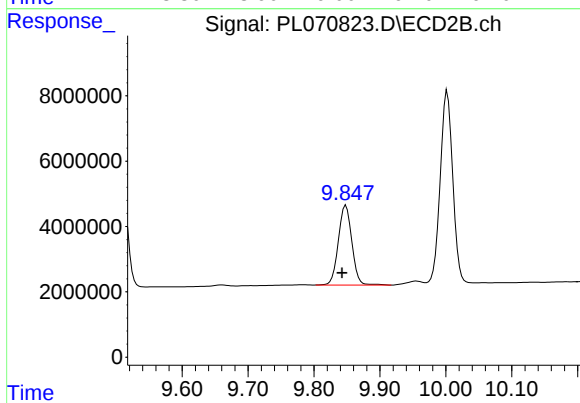
#19 Endosulfan Sulfate

R.T.: 9.506 min
Delta R.T.: 0.007 min
Response: 66861656
Conc: 53.95 ng/ml



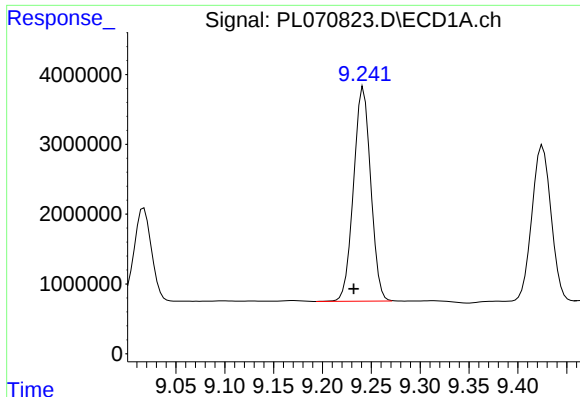
#20 Methoxychlor

R.T.: 9.017 min
Delta R.T.: 0.008 min
Response: 16661467
Conc: 45.54 ng/ml



#20 Methoxychlor

R.T.: 9.848 min
Delta R.T.: 0.006 min
Response: 34912888
Conc: 51.59 ng/ml



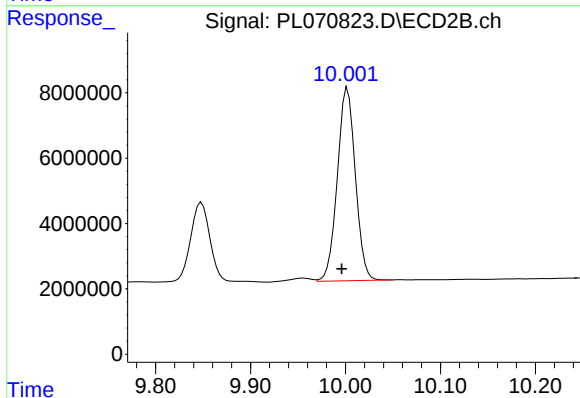
#21 Endrin ketone

R.T.: 9.242 min
Delta R.T.: 0.010 min
Response: 37486333
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

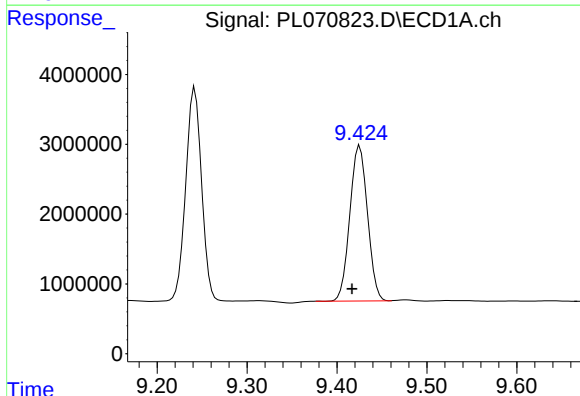
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Reviewed By :Abdul Mirza 11/09/2021
Supervised By :mohammad ahmed 11/09/2021



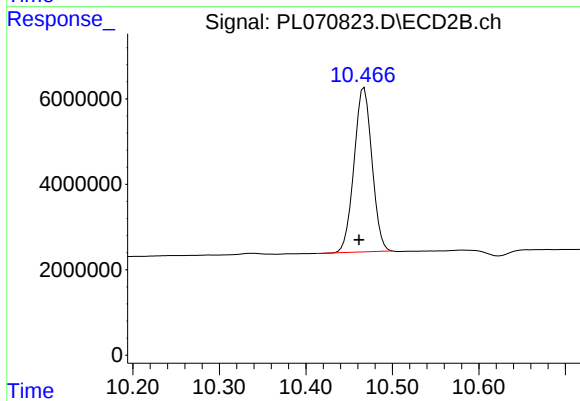
#21 Endrin ketone

R.T.: 10.002 min
Delta R.T.: 0.006 min
Response: 78008480
Conc: 54.34 ng/ml



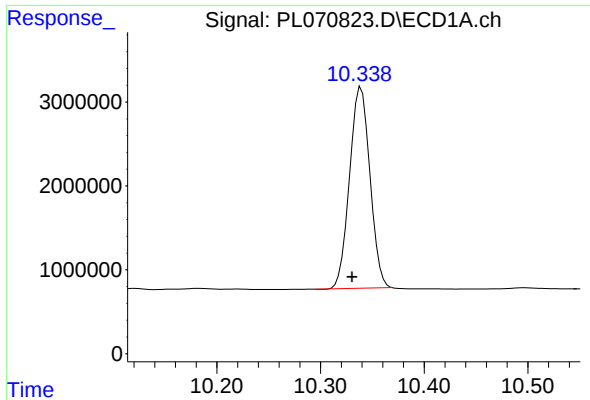
#22 Mirex

R.T.: 9.425 min
Delta R.T.: 0.009 min
Response: 30337147
Conc: 49.40 ng/ml



#22 Mirex

R.T.: 10.467 min
Delta R.T.: 0.006 min
Response: 55292643
Conc: 53.08 ng/ml



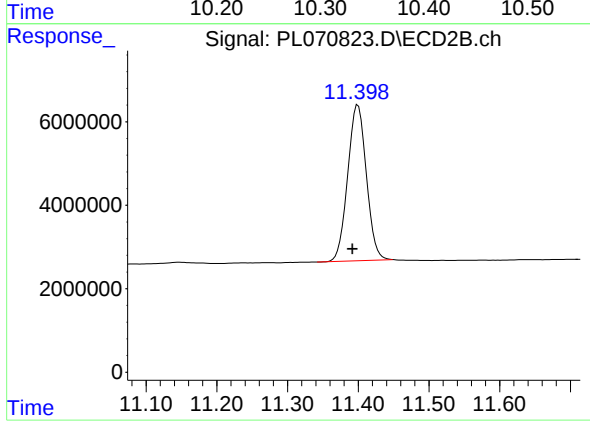
#28 Decachlorobiphenyl

R.T.: 10.339 min
Delta R.T.: 0.009 min
Response: 32820227
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/09/2021
Supervised By :mohammad ahmed 11/09/2021



#28 Decachlorobiphenyl

R.T.: 11.400 min
Delta R.T.: 0.008 min
Response: 68537700
Conc: 51.25 ng/ml