

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082423\
 Data File : PL084965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2023 09:41
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/25/2023
 Supervised By : mohammad ahmed 08/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 21:56:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 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...	3.485	2.687	114.7E6	54856104	49.358	50.447
28) SA Decachlor...	9.035	7.869	79128373	61331531	48.632	49.191
Target Compounds						
2) A alpha-BHC	3.944	3.192	165.4E6	79269858	50.092	51.338
3) MA gamma-BHC...	4.278	3.523	162.4E6	76776723	50.902	50.527
4) MA Heptachlor	4.870	3.864	167.3E6	71346791	49.747	50.098
5) MB Aldrin	5.212	4.144	159.7E6	73427264	48.319	50.521
6) B beta-BHC	4.477	3.825	67435699	32585763	48.275	48.634
7) B delta-BHC	4.724	4.054	160.6E6	76844581	49.805	50.615
8) B Heptachlo...	5.642	4.651	142.4E6	65825690	47.279	49.612
9) A Endosulfan I	6.028	5.021	123.9E6	61950237	47.077	49.988
10) B gamma-Chl...	5.899	4.904	134.6E6	67165233	47.008	49.522
11) B alpha-Chl...	5.979	4.968	133.4E6	67306180	47.249	49.399
12) B 4,4'-DDE	6.157	5.166	109.7E6	61315424	47.781	49.791
13) MA Dieldrin	6.304	5.289	125.4E6	67724598	47.466	49.879
14) MA Endrin	6.532	5.563	102.7E6	60060776	47.089m	49.101
15) B Endosulfa...	6.753	5.861	100.3E6	59253331	47.424m	49.108
16) A 4,4'-DDD	6.677	5.724	81108736	52372645	48.377	50.688
17) MA 4,4'-DDT	6.992	5.976	87698577	56666304	46.805	48.827
18) B Endrin al...	6.886	6.043	77287765	47087966	45.815	47.480
19) B Endosulfa...	7.121	6.267	93420468	58205799	46.764	48.946
20) A Methoxychlor	7.473	6.560	43621843	32121296	45.454	46.817
21) B Endrin ke...	7.605	6.772	96065614	72424151	48.022	50.196
22) Mirex	8.079	6.953	79617918	55495550	47.939m	48.120

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

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 Operator : AR\AJ
 Sample : PSTDCCC050
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ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

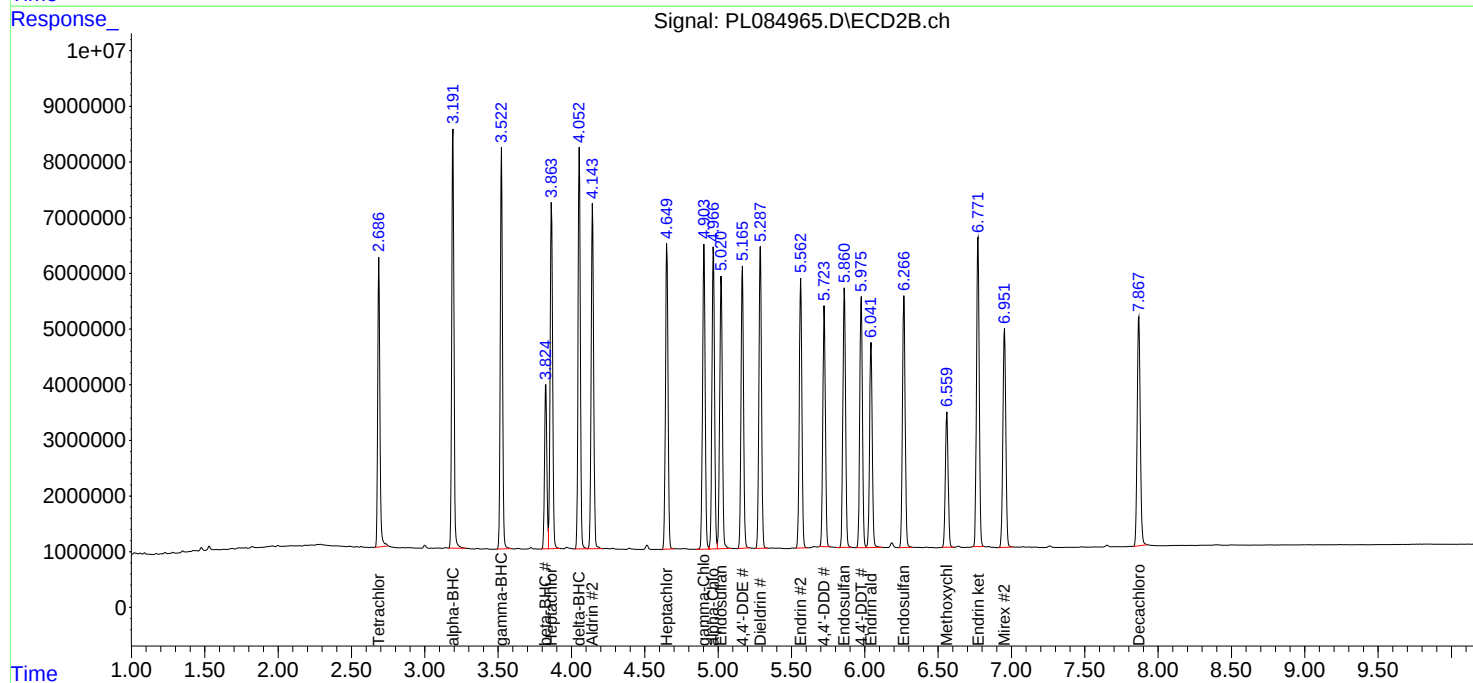
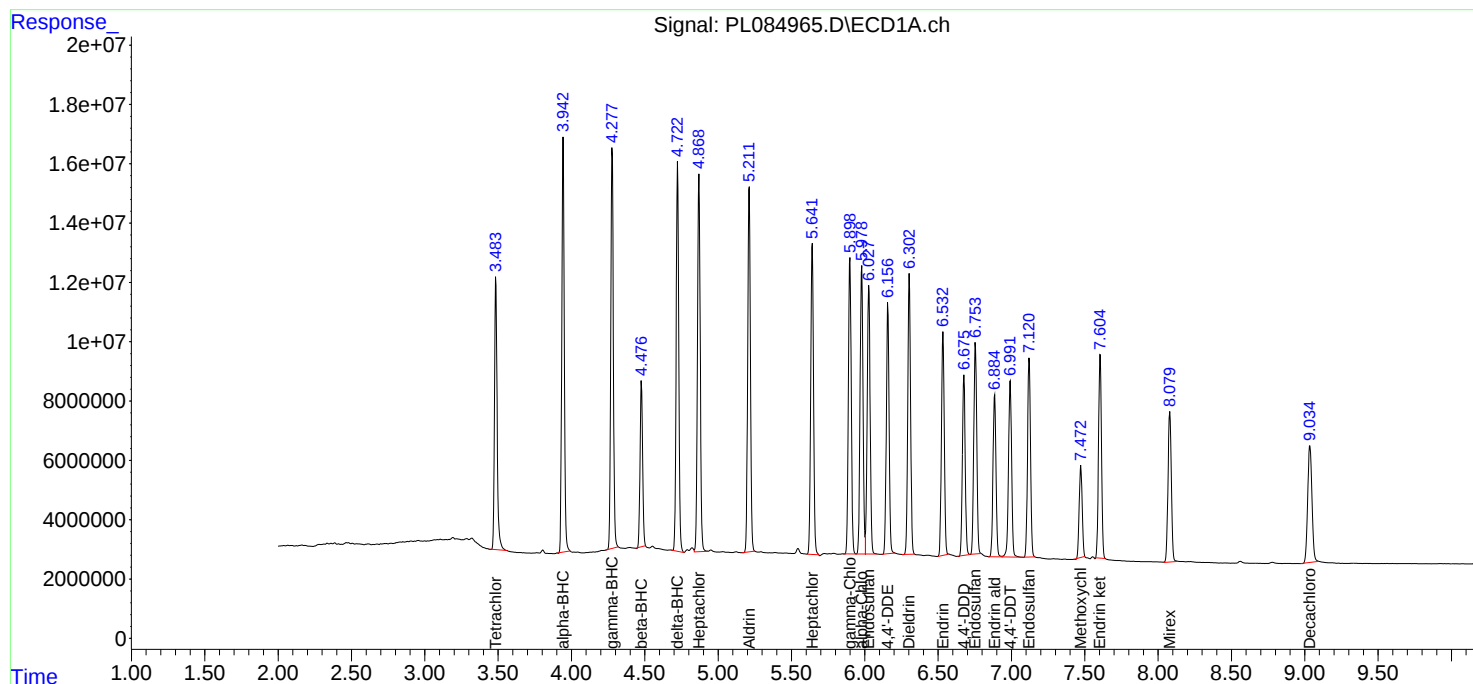
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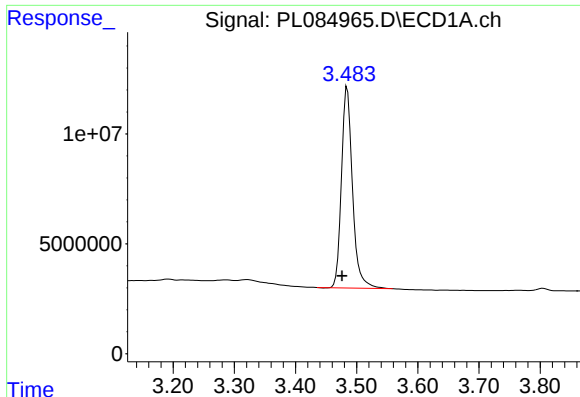
Reviewed By :Abdul Mirza 08/25/2023

Supervised By :mohammad ahmed 08/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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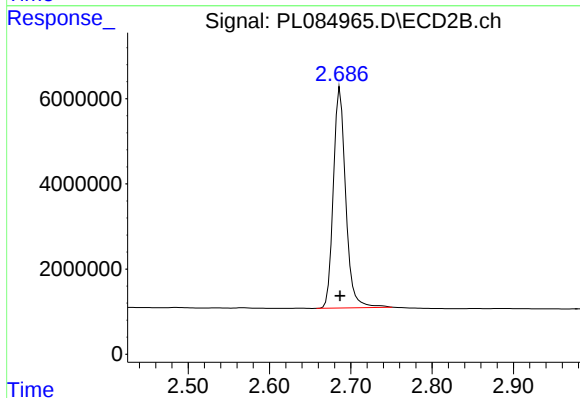
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.009 min
Response: 114682440
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

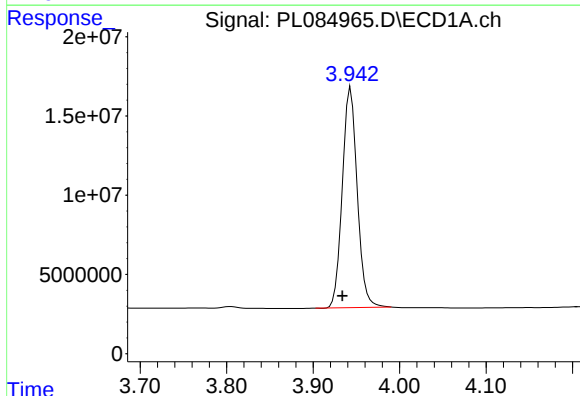
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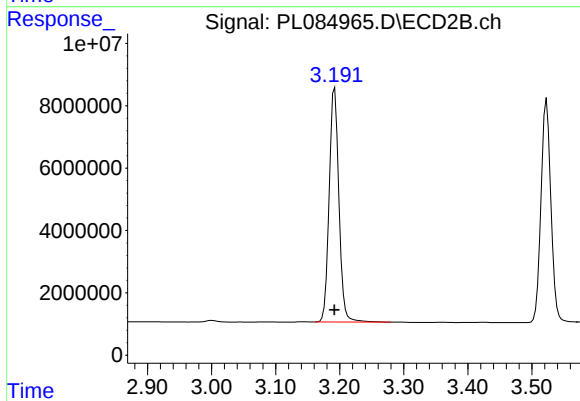
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 54856104
Conc: 50.45 ng/ml



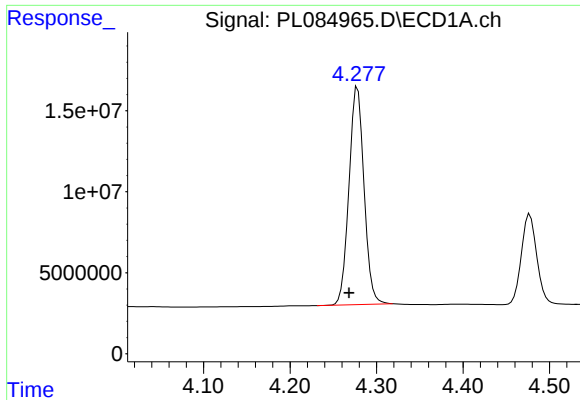
#2 alpha-BHC

R.T.: 3.944 min
Delta R.T.: 0.010 min
Response: 165373466
Conc: 50.09 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 79269858
Conc: 51.34 ng/ml



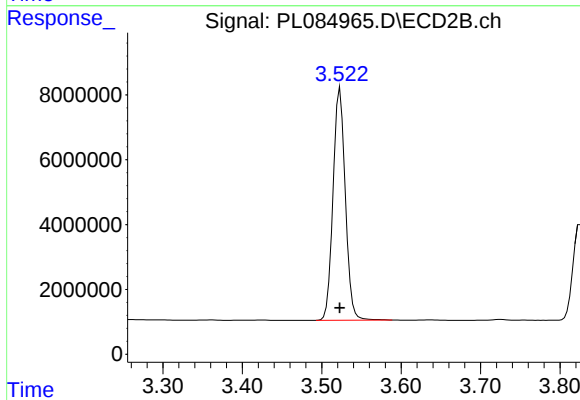
#3 gamma-BHC (Lindane)

R.T.: 4.278 min
Delta R.T.: 0.010 min
Response: 162376774
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

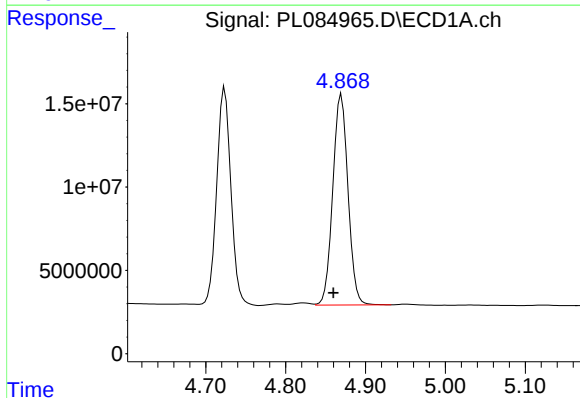
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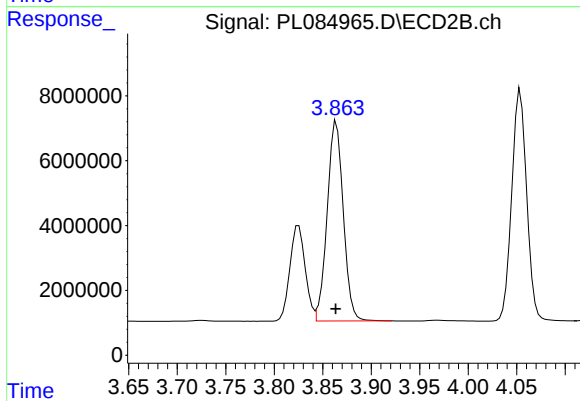
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 76776723
Conc: 50.53 ng/ml



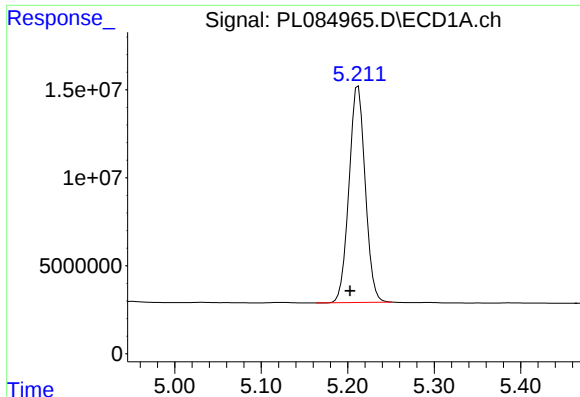
#4 Heptachlor

R.T.: 4.870 min
Delta R.T.: 0.010 min
Response: 167291941
Conc: 49.75 ng/ml



#4 Heptachlor

R.T.: 3.864 min
Delta R.T.: 0.000 min
Response: 71346791
Conc: 50.10 ng/ml



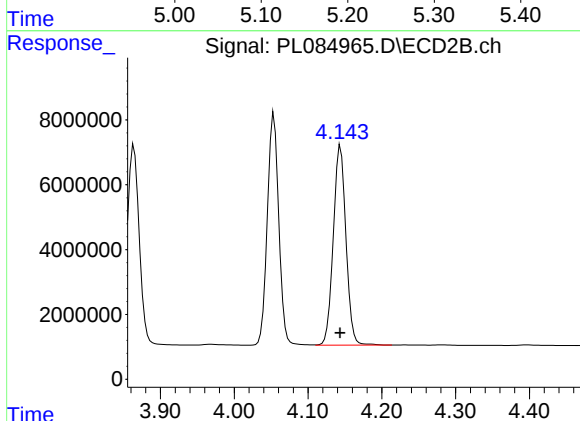
#5 Aldrin

R.T.: 5.212 min
Delta R.T.: 0.009 min
Response: 159712611
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

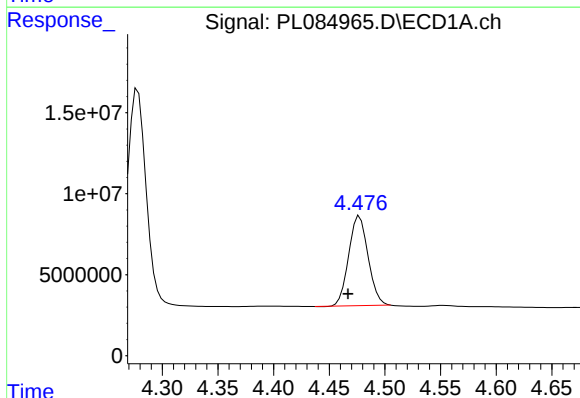
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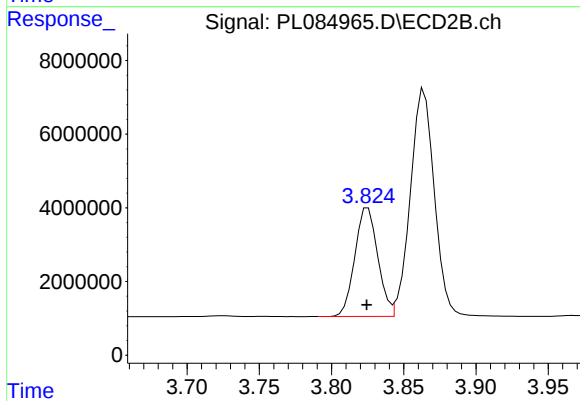
#5 Aldrin

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 73427264
Conc: 50.52 ng/ml



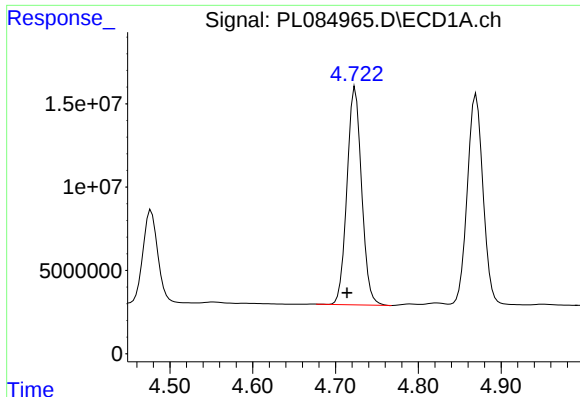
#6 beta-BHC

R.T.: 4.477 min
Delta R.T.: 0.010 min
Response: 67435699
Conc: 48.27 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 32585763
Conc: 48.63 ng/ml



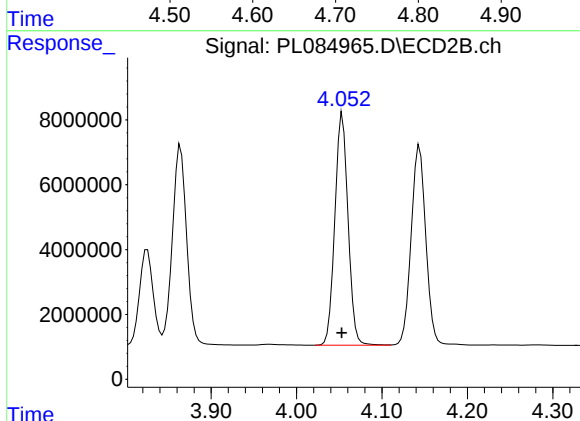
#7 delta-BHC

R.T.: 4.724 min
Delta R.T.: 0.010 min
Response: 160606594
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

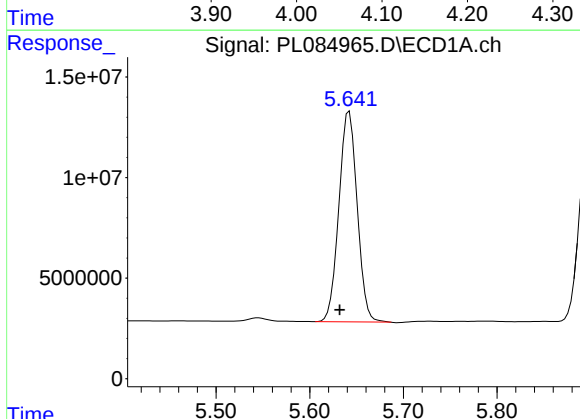
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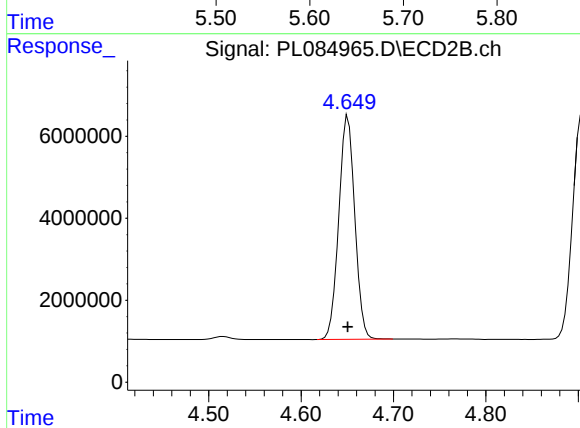
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 76844581
Conc: 50.62 ng/ml



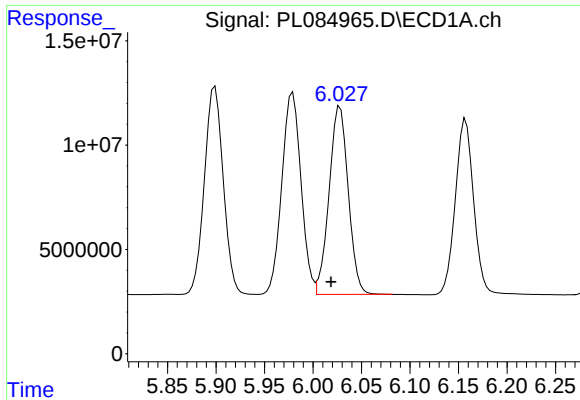
#8 Heptachlor epoxide

R.T.: 5.642 min
Delta R.T.: 0.010 min
Response: 142437637
Conc: 47.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 65825690
Conc: 49.61 ng/ml



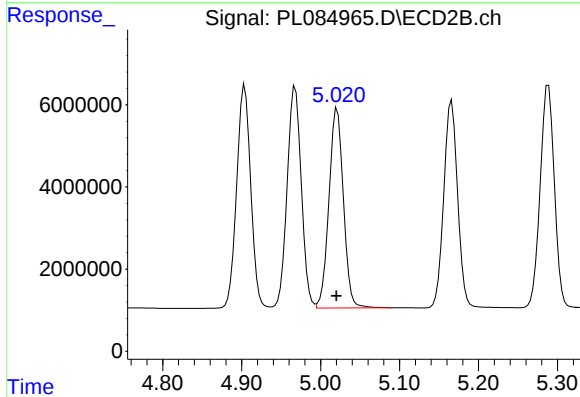
#9 Endosulfan I

R.T.: 6.028 min
Delta R.T.: 0.009 min
Response: 123918369
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

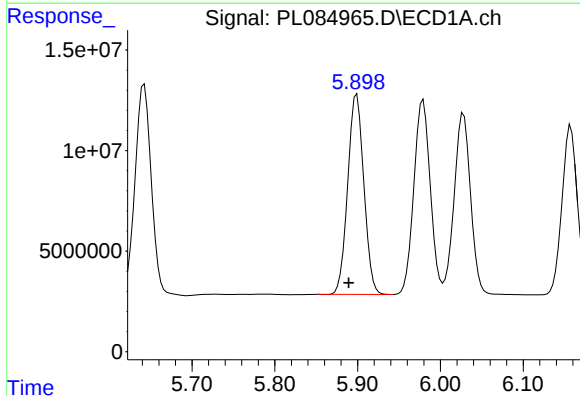
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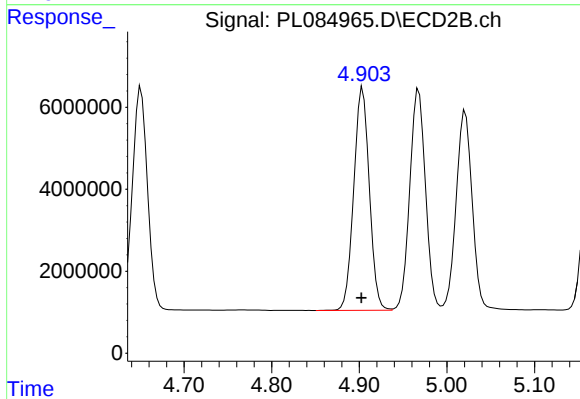
#9 Endosulfan I

R.T.: 5.021 min
Delta R.T.: 0.001 min
Response: 61950237
Conc: 49.99 ng/ml



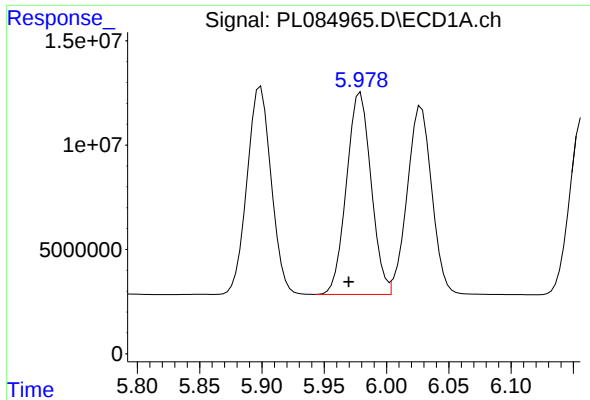
#10 gamma-Chlordane

R.T.: 5.899 min
Delta R.T.: 0.010 min
Response: 134612033
Conc: 47.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.904 min
Delta R.T.: 0.001 min
Response: 67165233
Conc: 49.52 ng/ml



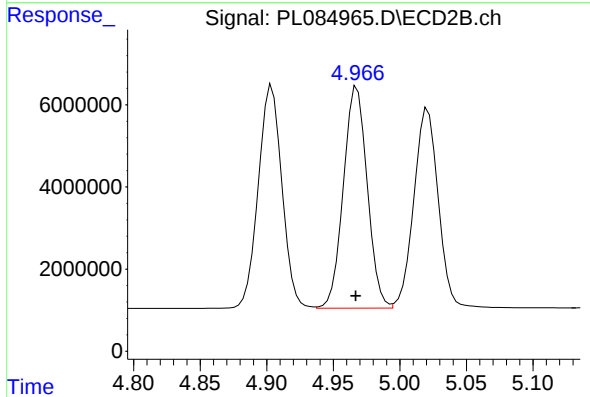
#11 alpha-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.009 min
Response: 133392268
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

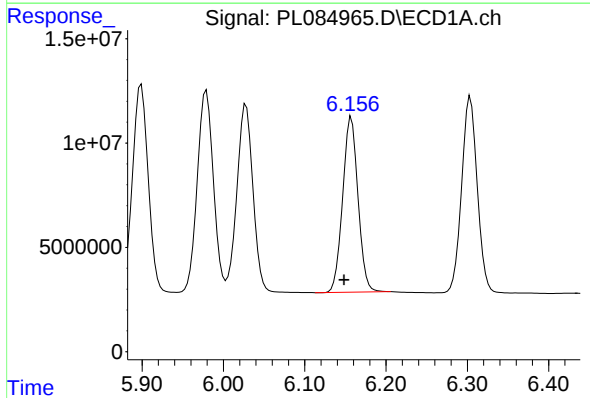
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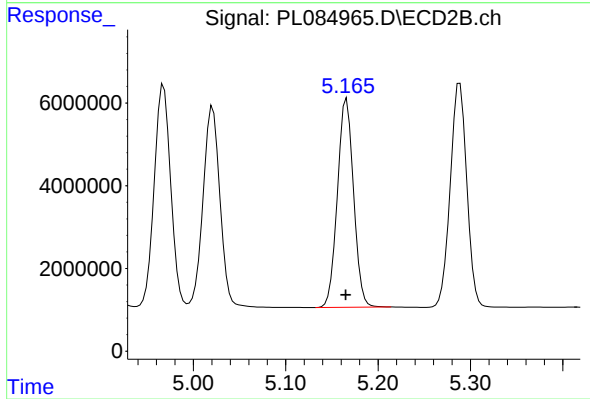
#11 alpha-Chlordane

R.T.: 4.968 min
Delta R.T.: 0.001 min
Response: 67306180
Conc: 49.40 ng/ml



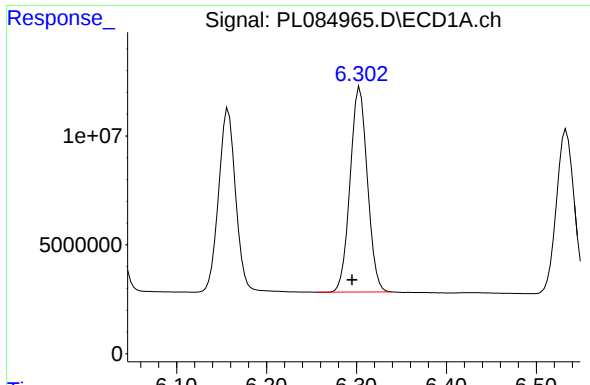
#12 4,4'-DDE

R.T.: 6.157 min
Delta R.T.: 0.009 min
Response: 109671323
Conc: 47.78 ng/ml



#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: 0.000 min
Response: 61315424
Conc: 49.79 ng/ml



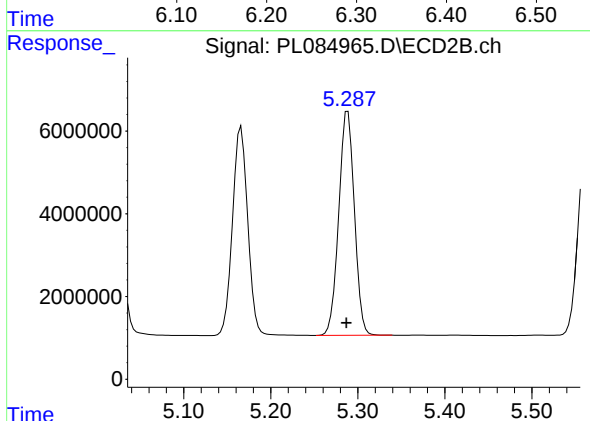
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: 0.009 min
Response: 125435424
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

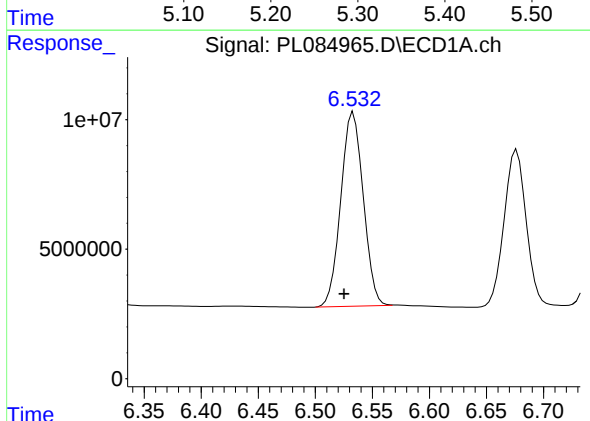
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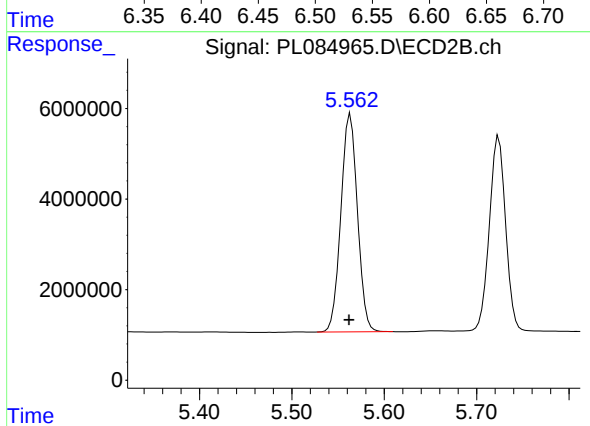
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: 67724598
Conc: 49.88 ng/ml



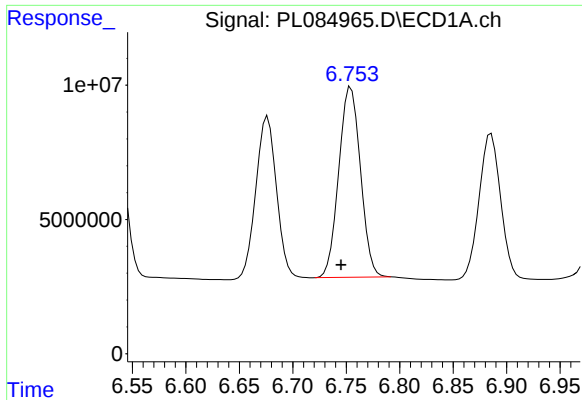
#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.007 min
Response: 102699810
Conc: 47.09 ng/ml m



#14 Endrin

R.T.: 5.563 min
Delta R.T.: 0.001 min
Response: 60060776
Conc: 49.10 ng/ml



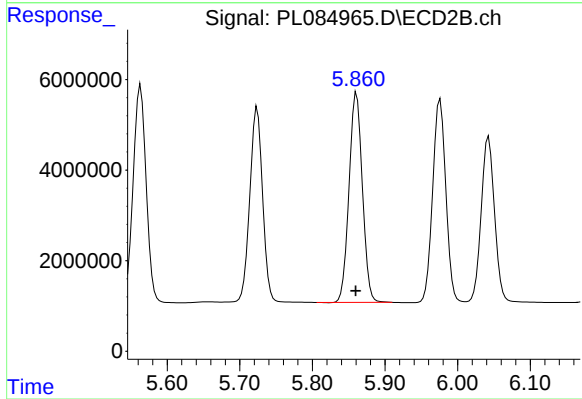
#15 Endosulfan II

R.T.: 6.753 min
Delta R.T.: 0.008 min
Response: 100302154
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

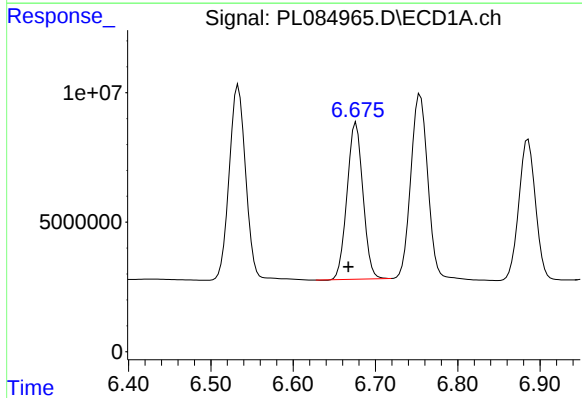
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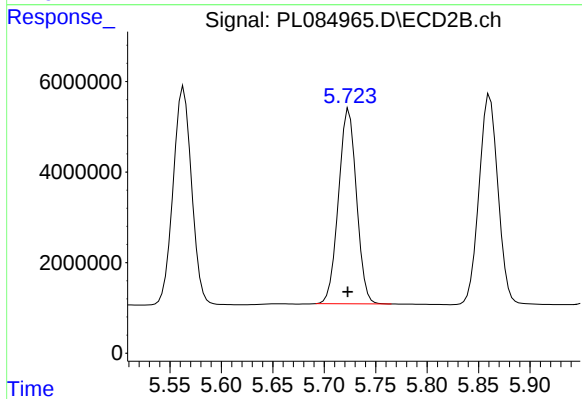
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: 0.001 min
Response: 59253331
Conc: 49.11 ng/ml



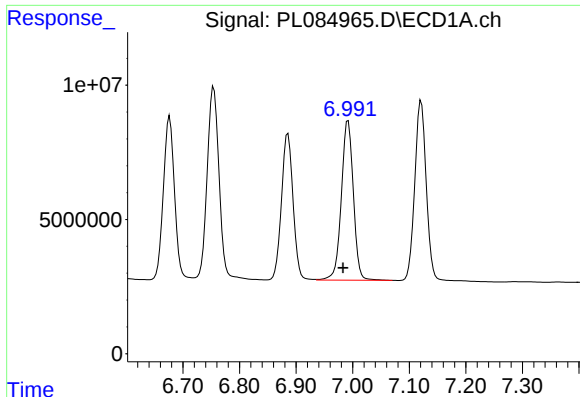
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.010 min
Response: 81108736
Conc: 48.38 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: 0.001 min
Response: 52372645
Conc: 50.69 ng/ml



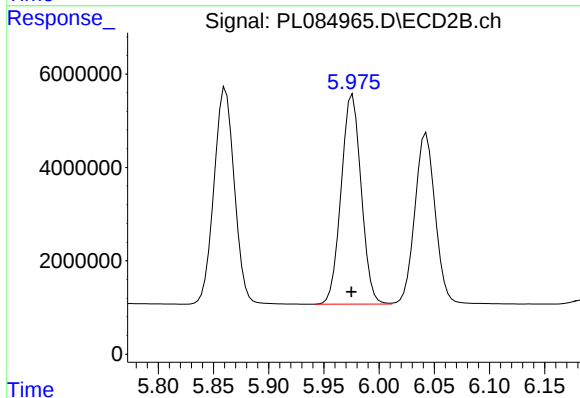
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.009 min
Response: 87698577
Conc: 46.80 ng/ml

Instrument :
ECD_L
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PSTDCCC050

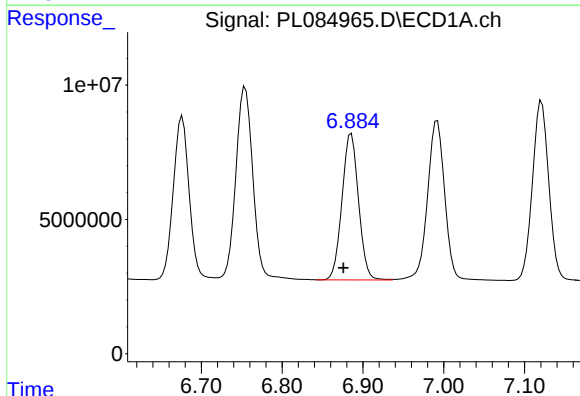
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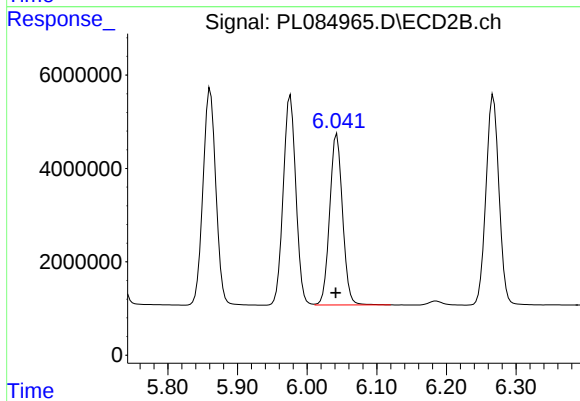
#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: 0.001 min
Response: 56666304
Conc: 48.83 ng/ml



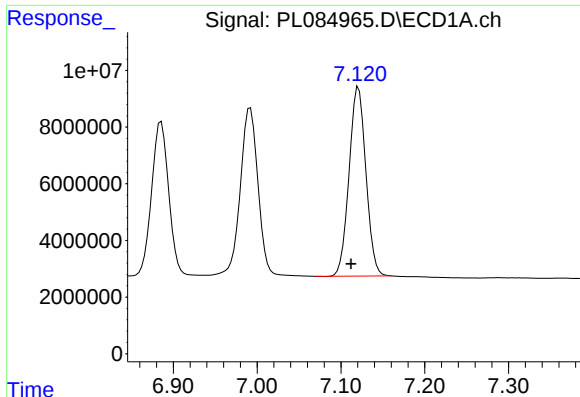
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.010 min
Response: 77287765
Conc: 45.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: 0.001 min
Response: 47087966
Conc: 47.48 ng/ml



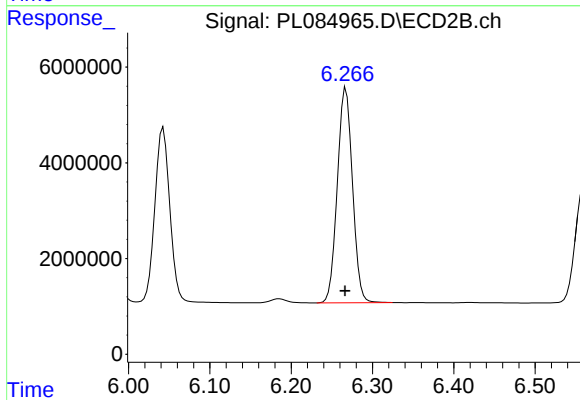
#19 Endosulfan Sulfate

R.T.: 7.121 min
Delta R.T.: 0.009 min
Response: 93420468
Conc: 46.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

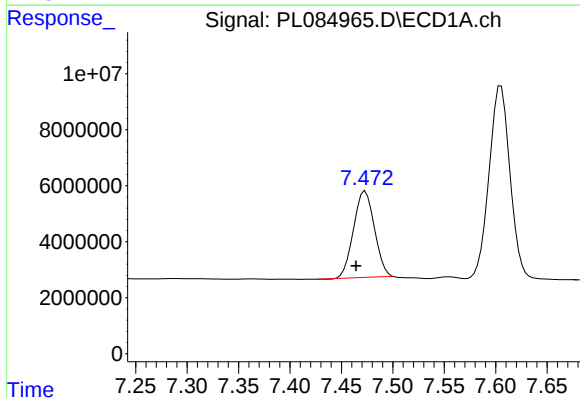
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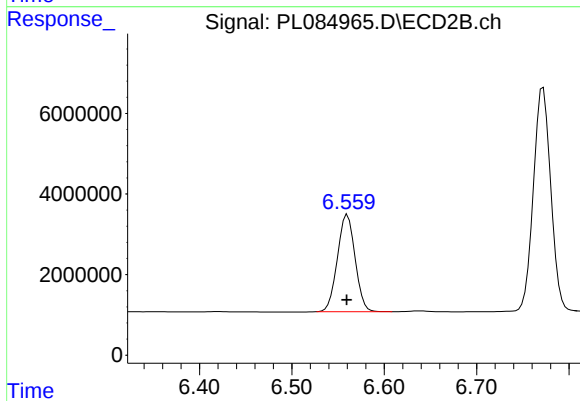
#19 Endosulfan Sulfate

R.T.: 6.267 min
Delta R.T.: 0.001 min
Response: 58205799
Conc: 48.95 ng/ml



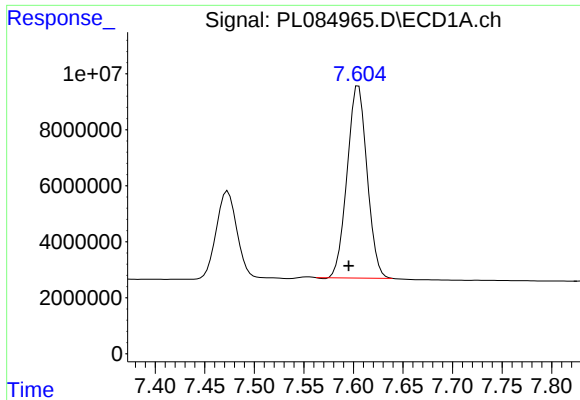
#20 Methoxychlor

R.T.: 7.473 min
Delta R.T.: 0.009 min
Response: 43621843
Conc: 45.45 ng/ml



#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 32121296
Conc: 46.82 ng/ml



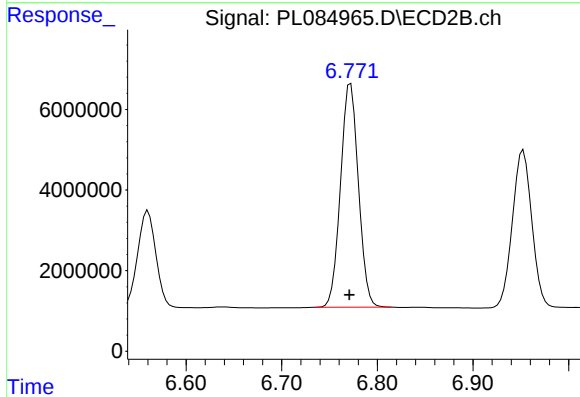
#21 Endrin ketone

R.T.: 7.605 min
Delta R.T.: 0.010 min
Response: 96065614
Conc: 48.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

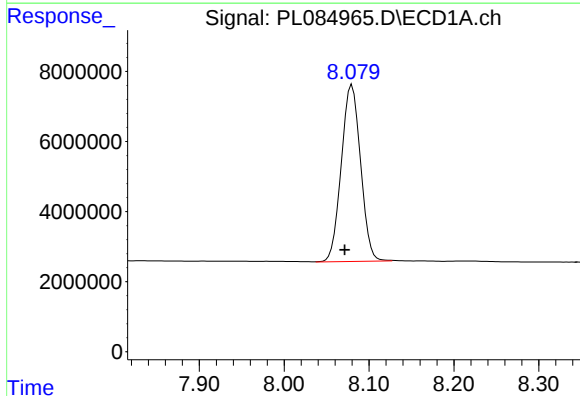
Manual Integrations
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Reviewed By :Abdul Mirza 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



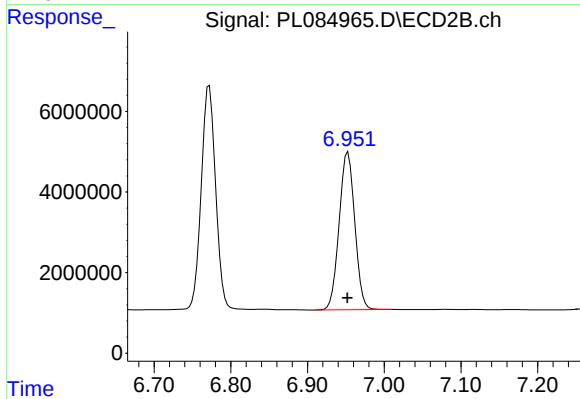
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: 0.001 min
Response: 72424151
Conc: 50.20 ng/ml



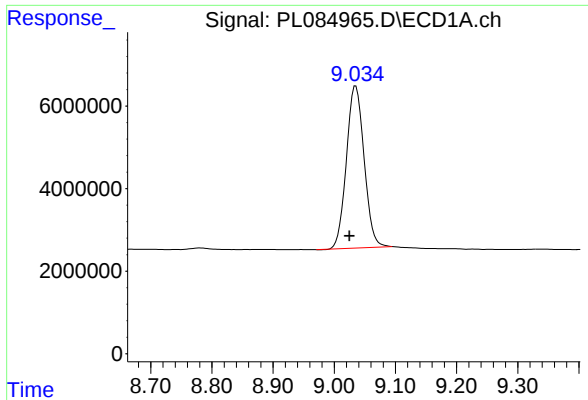
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.007 min
Response: 79617918
Conc: 47.94 ng/ml m



#22 Mirex

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 55495550
Conc: 48.12 ng/ml



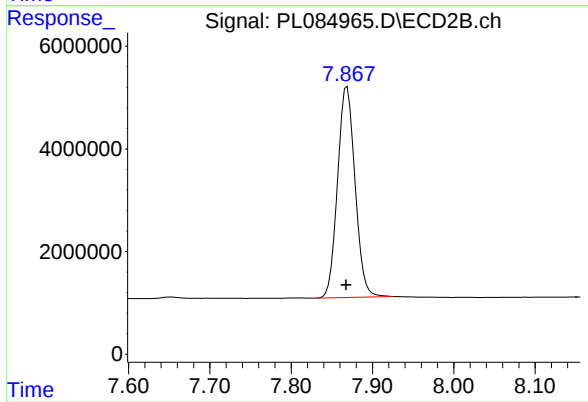
#28 Decachlorobiphenyl

R.T.: 9.035 min
Delta R.T.: 0.010 min
Response: 79128373
Conc: 48.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/25/2023



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: 0.001 min
Response: 61331531
Conc: 49.19 ng/ml