

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101823\
 Data File : PL086002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2023 16:52
 Operator : AR\AJ
 Sample : PB156460BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB156460BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/19/2023
 Supervised By : Ankita Jodhani 10/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 17:08:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.621	47032382	14334460	15.814	15.346
28)	SA Decachlor...	8.855	7.773	47716275	20253391	21.908	21.943
Target Compounds							
2)	A alpha-BHC	3.809	3.120	197.8E6	57626096	46.075	45.803
3)	MA gamma-BHC...	4.141	3.448	182.1E6	56077004	44.064	45.467
4)	MA Heptachlor	4.727	3.784	193.9E6	59970046	50.127m	51.562
5)	MB Aldrin	5.067	4.060	177.5E6	54181997	45.796	48.452
6)	B beta-BHC	4.344	3.749	80337982	25336301	48.583	48.669
7)	B delta-BHC	4.587	3.975	182.6E6	54217367	47.630	47.188
8)	B Heptachlo...	5.496	4.565	155.2E6	52122373	44.998m	51.894
9)	A Endosulfan I	5.882	4.933	153.9E6	49663825	47.575	46.296
10)	B gamma-Chl...	5.755	4.817	166.5E6	54814714	48.652	55.347
11)	B alpha-Chl...	5.834	4.881	162.7E6	54255719	47.611	49.743
12)	B 4,4'-DDE	6.018	5.079	142.1E6	47219111	50.817	57.505
13)	MA Dieldrin	6.158	5.198	148.3E6	50628947	45.123	52.183
14)	MA Endrin	6.387	5.472	136.1E6	48349611	47.770	53.781
15)	B Endosulfa...	6.609	5.770	117.8E6	44745715	42.737	47.054
16)	A 4,4'-DDD	6.537	5.636	105.8E6	40753718	52.492	58.550
17)	MA 4,4'-DDT	6.850	5.886	121.5E6	44981793	51.535m	56.885
18)	B Endrin al...	6.741	5.951	99873838	38064626	49.277	51.045
19)	B Endosulfa...	6.977	6.176	126.1E6	47417393	50.227	52.562
20)	A Methoxychlor	7.337	6.471	64812683	27374090	46.407	52.034
21)	B Endrin ke...	7.458	6.676	127.1E6	55550575	44.127	48.329m
22)	Mirex	7.931	6.854	104.2E6	47942280	47.078	50.831

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101823\
Data File : PL086002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2023 16:52
Operator : AR\AJ
Sample : PB156460BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB156460BS

Manual Integrations

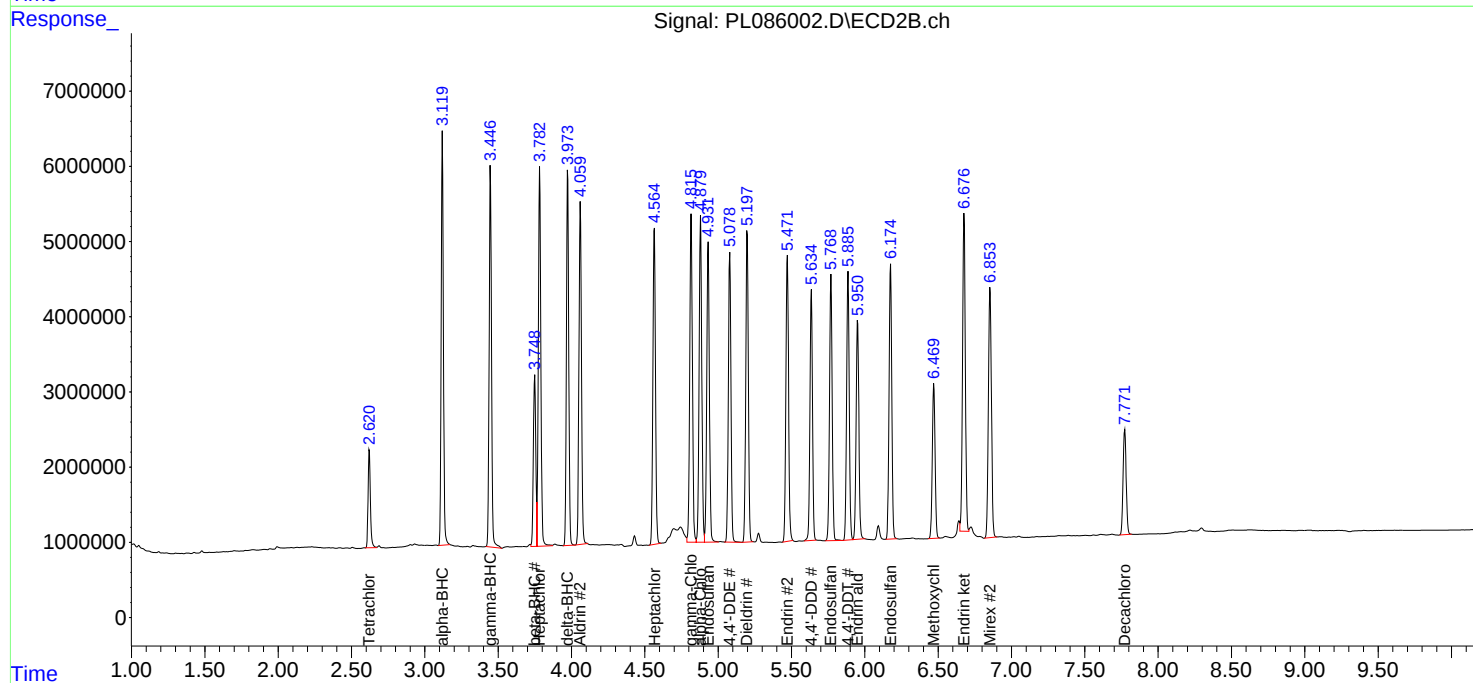
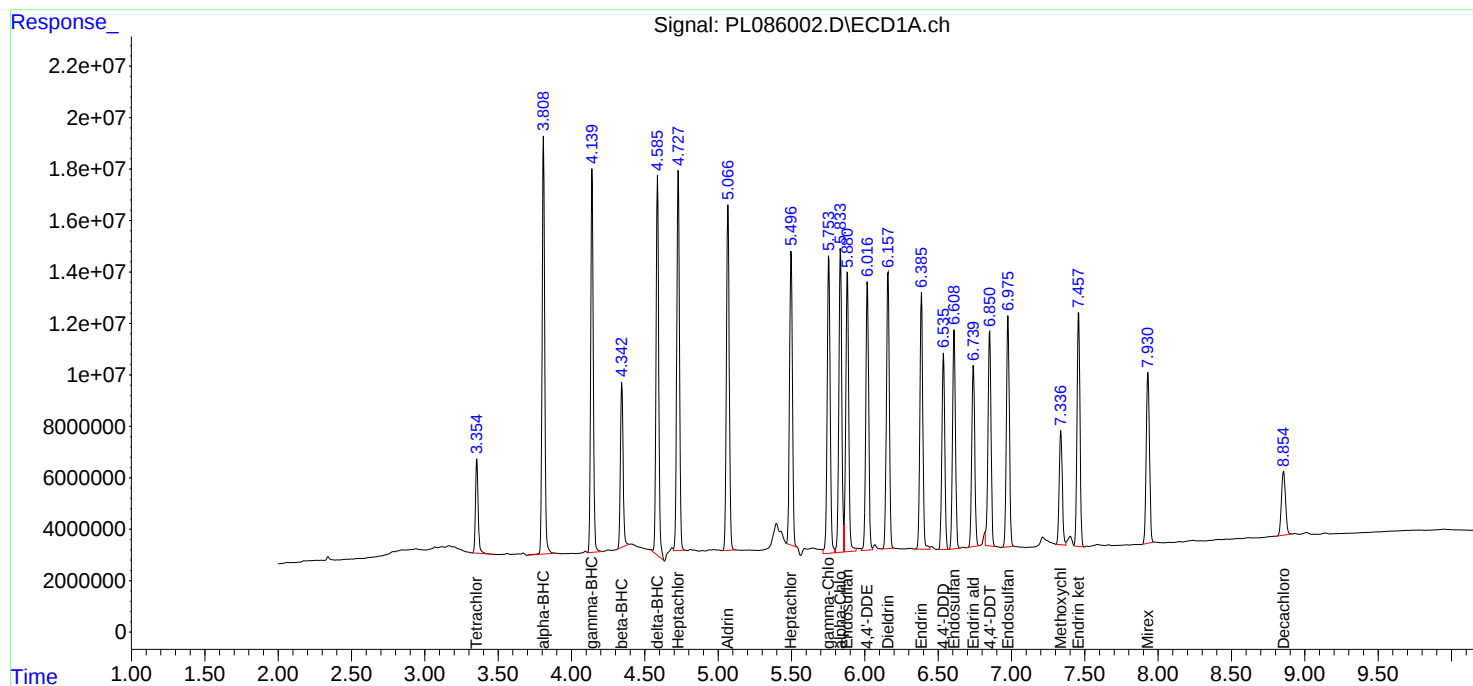
APPROVED

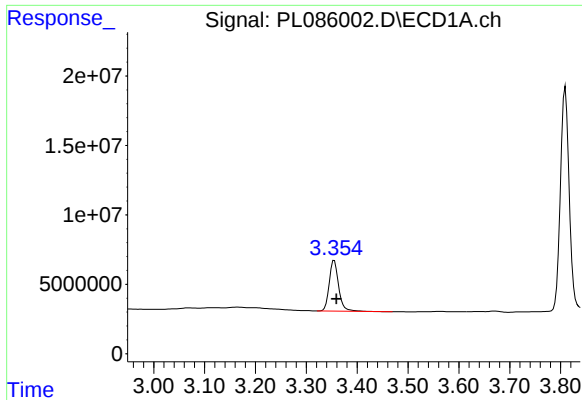
Reviewed By :Abdul Mirza 10/19/2023

Supervised By :Ankita Jodhani 10/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 17:08:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





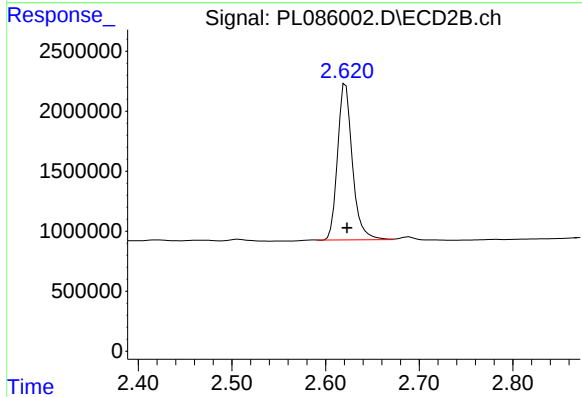
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 47032382
Conc: 15.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

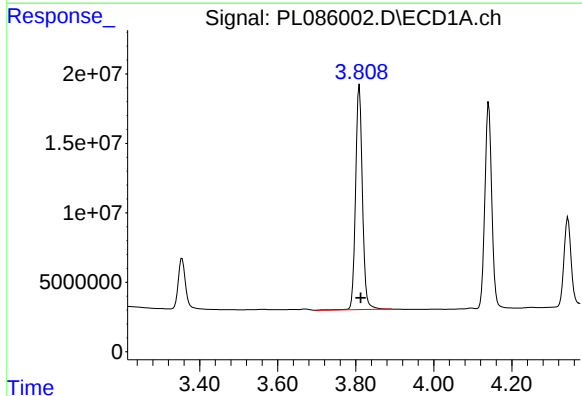
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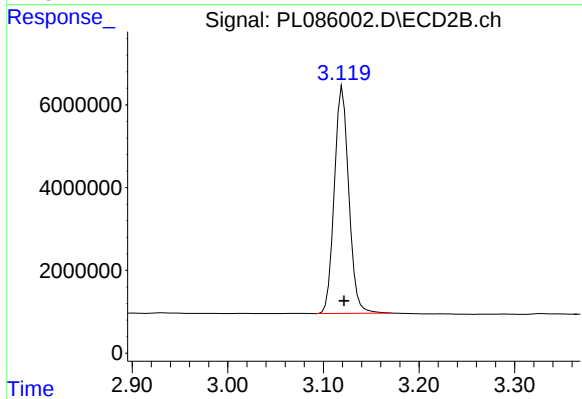
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.001 min
Response: 14334460
Conc: 15.35 ng/ml



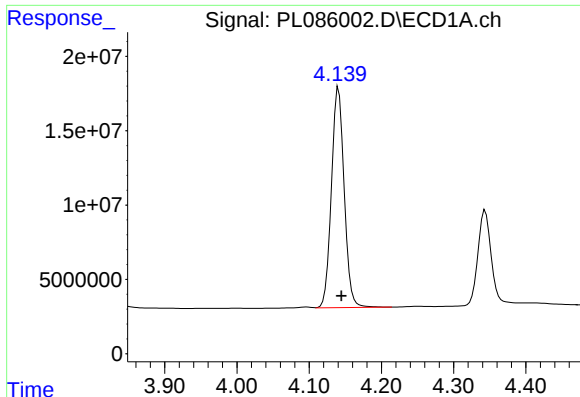
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 197751239
Conc: 46.08 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 57626096
Conc: 45.80 ng/ml



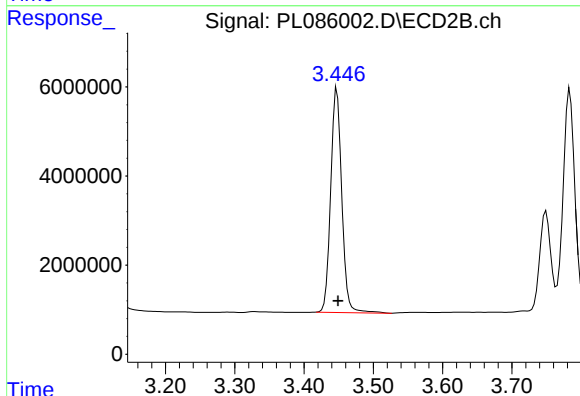
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 182130187
Conc: 44.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

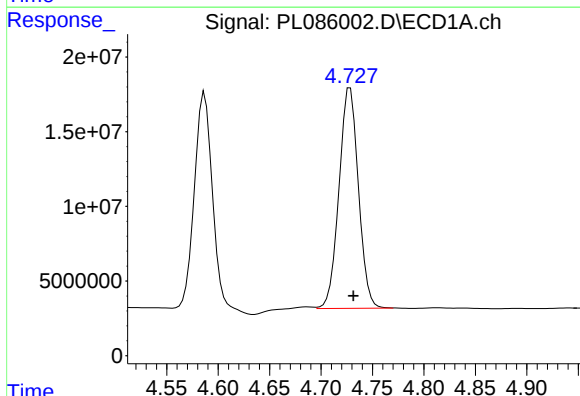
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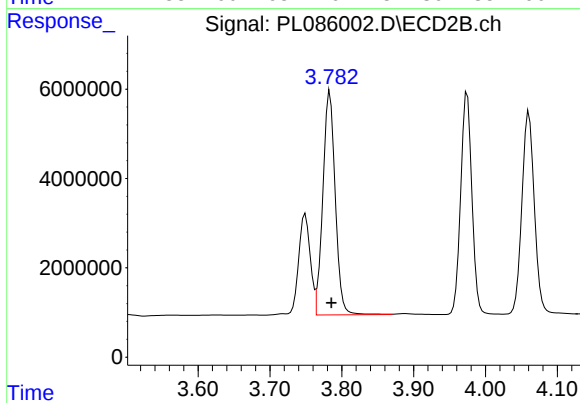
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: -0.002 min
Response: 56077004
Conc: 45.47 ng/ml



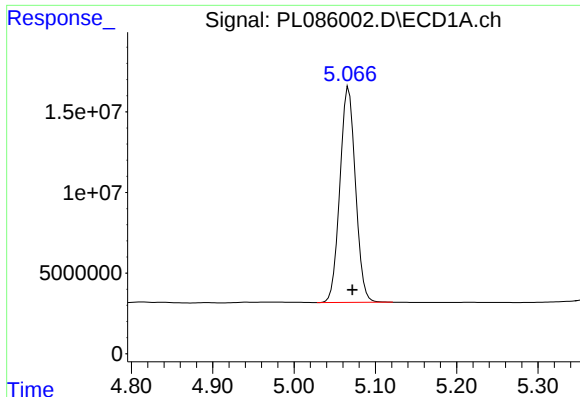
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.005 min
Response: 193871835
Conc: 50.13 ng/ml m



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 59970046
Conc: 51.56 ng/ml



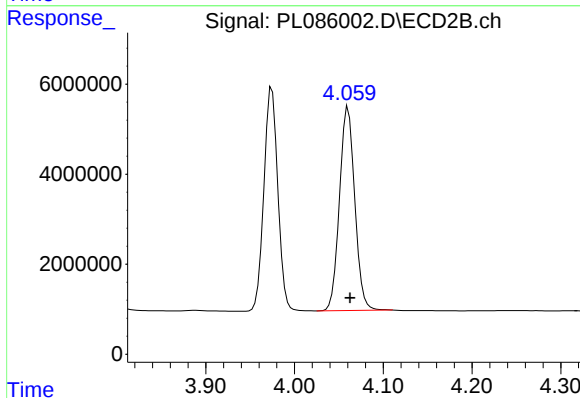
#5 Aldrin

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 177521577
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

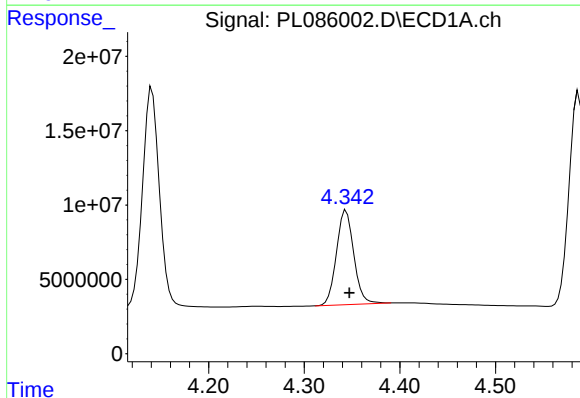
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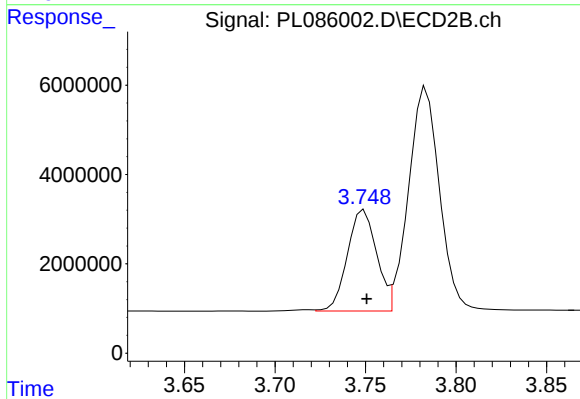
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 54181997
Conc: 48.45 ng/ml



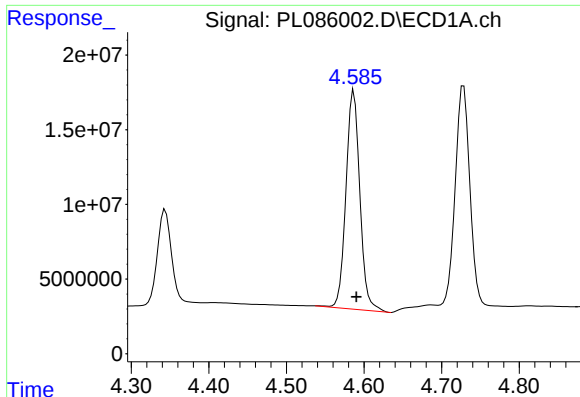
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 80337982
Conc: 48.58 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.001 min
Response: 25336301
Conc: 48.67 ng/ml



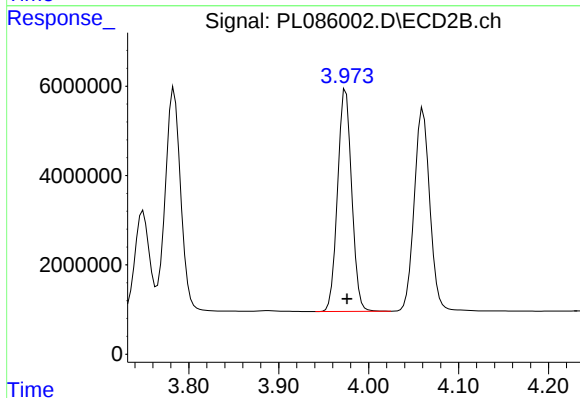
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 182632153
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

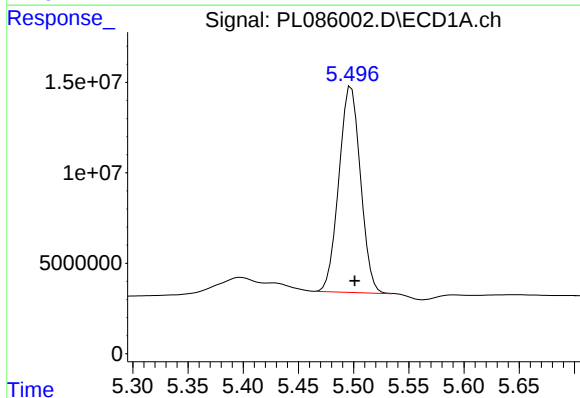
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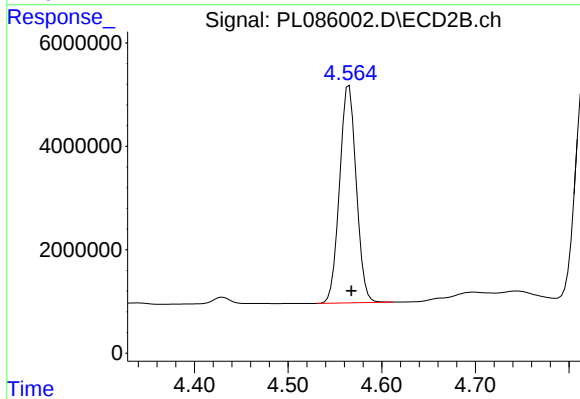
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: -0.001 min
Response: 54217367
Conc: 47.19 ng/ml



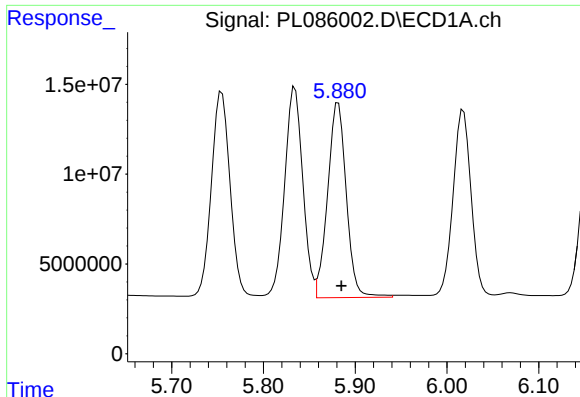
#8 Heptachlor epoxide

R.T.: 5.496 min
Delta R.T.: -0.004 min
Response: 155236400
Conc: 45.00 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 52122373
Conc: 51.89 ng/ml



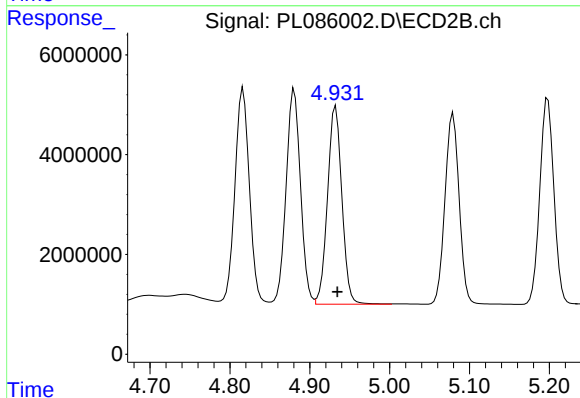
#9 Endosulfan I

R.T.: 5.882 min
Delta R.T.: -0.003 min
Response: 153857807
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

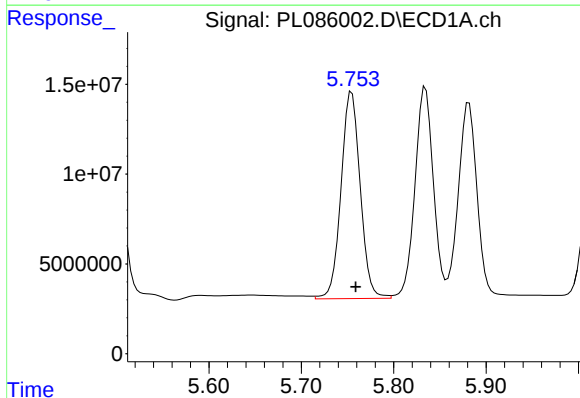
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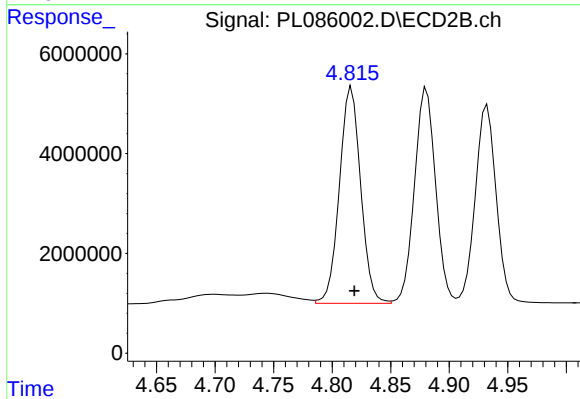
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 49663825
Conc: 46.30 ng/ml



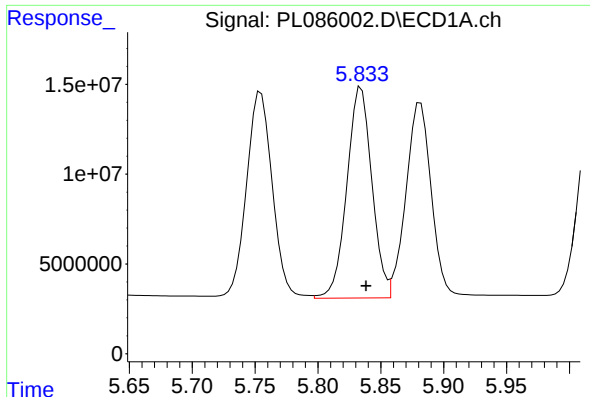
#10 gamma-Chlordane

R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 166460527
Conc: 48.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 54814714
Conc: 55.35 ng/ml



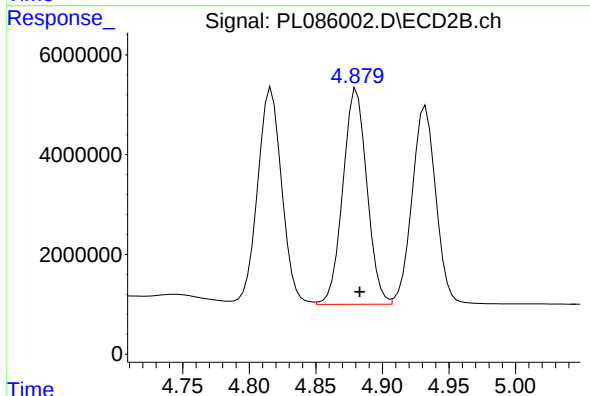
#11 alpha-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.004 min
Response: 162717804
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

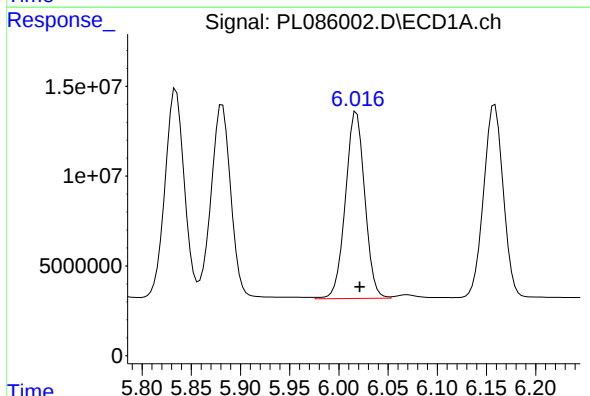
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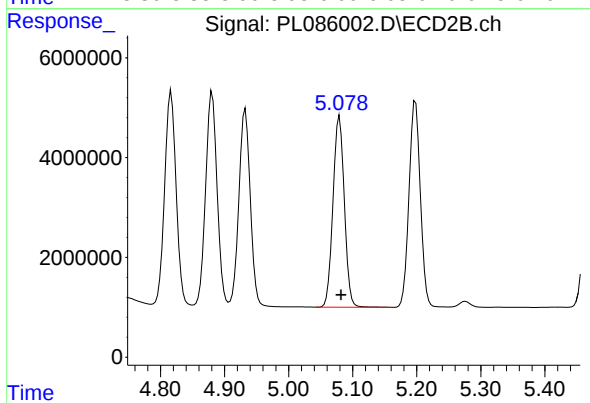
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 54255719
Conc: 49.74 ng/ml



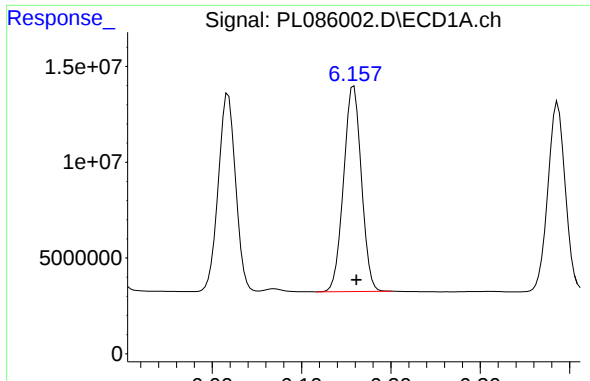
#12 4,4'-DDE

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 142111631
Conc: 50.82 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.002 min
Response: 47219111
Conc: 57.50 ng/ml



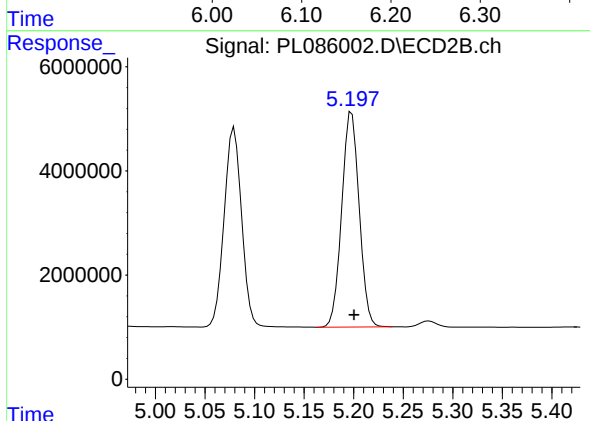
#13 Dieldrin

R.T.: 6.158 min
Delta R.T.: -0.003 min
Response: 148272787
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

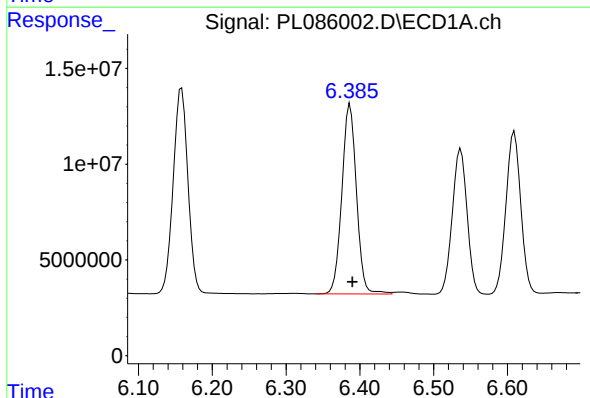
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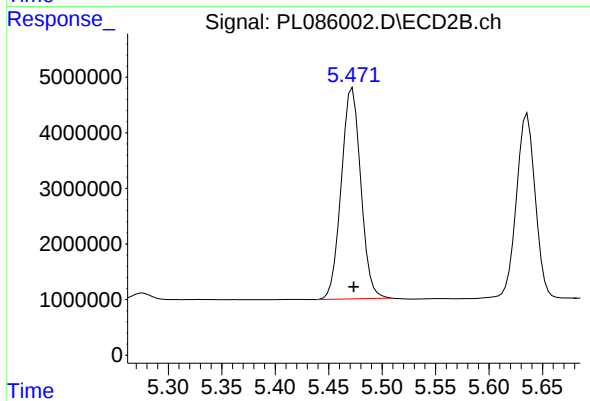
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 50628947
Conc: 52.18 ng/ml



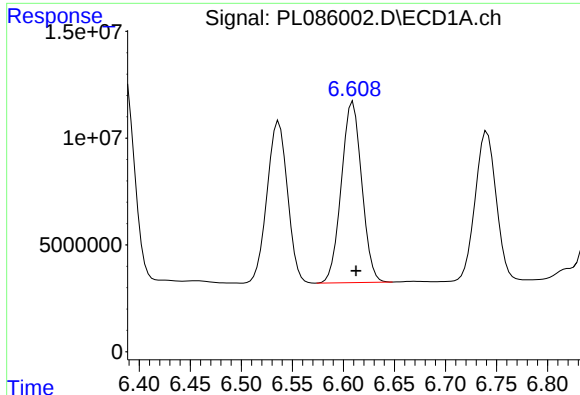
#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 136133043
Conc: 47.77 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.001 min
Response: 48349611
Conc: 53.78 ng/ml



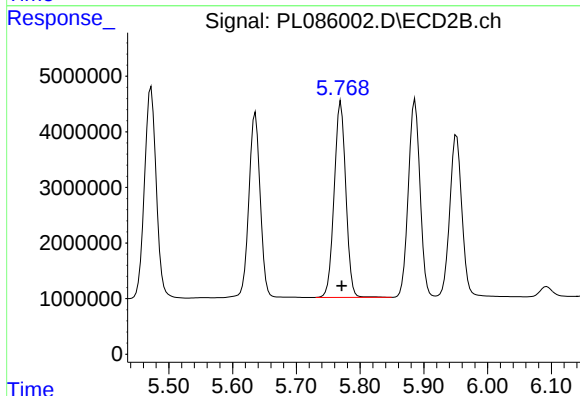
#15 Endosulfan II

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 117762774
Conc: 42.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

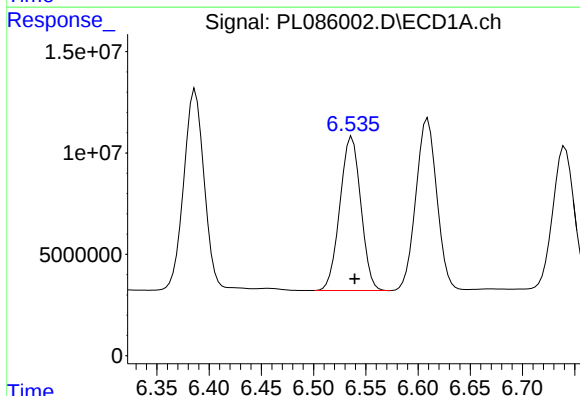
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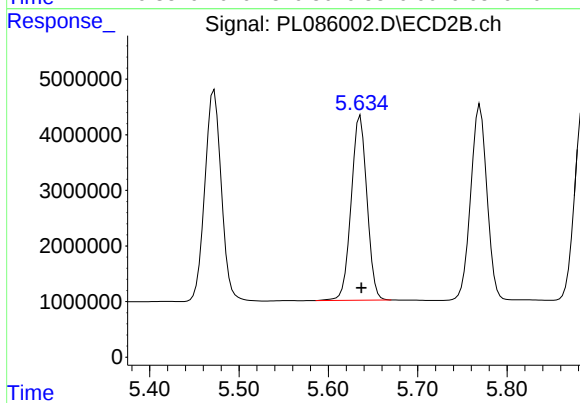
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.001 min
Response: 44745715
Conc: 47.05 ng/ml



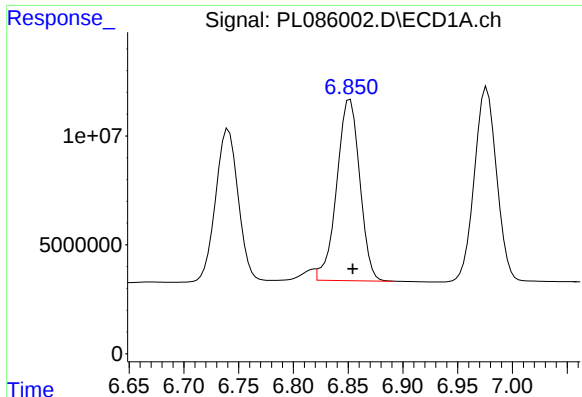
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: -0.003 min
Response: 105752774
Conc: 52.49 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 40753718
Conc: 58.55 ng/ml



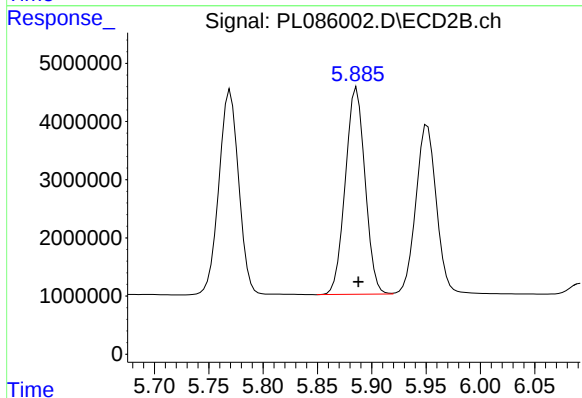
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 121473451
Conc: 51.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

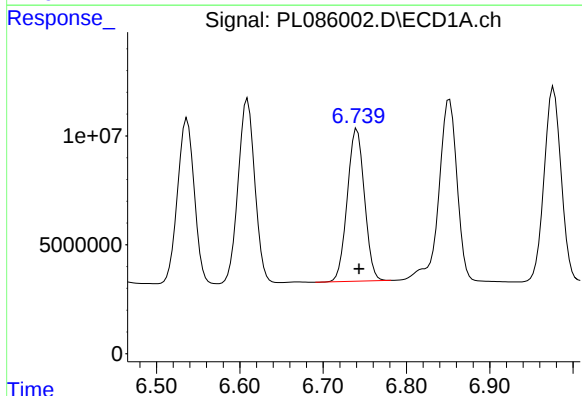
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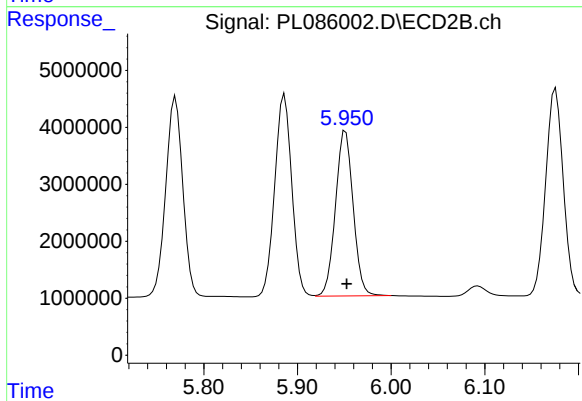
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 44981793
Conc: 56.88 ng/ml



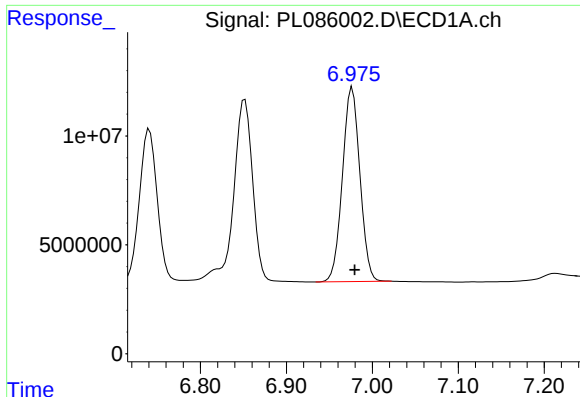
#18 Endrin aldehyde

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 99873838
Conc: 49.28 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 38064626
Conc: 51.04 ng/ml



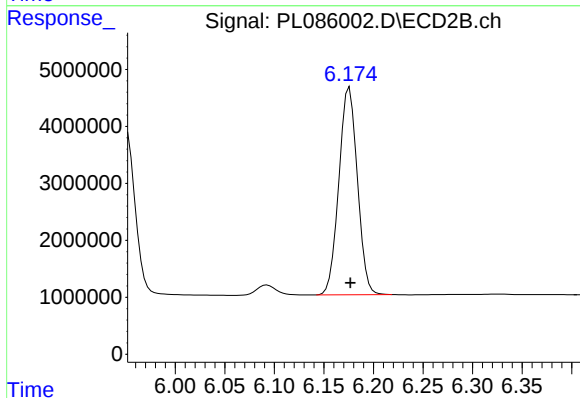
#19 Endosulfan Sulfate

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 126056406
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

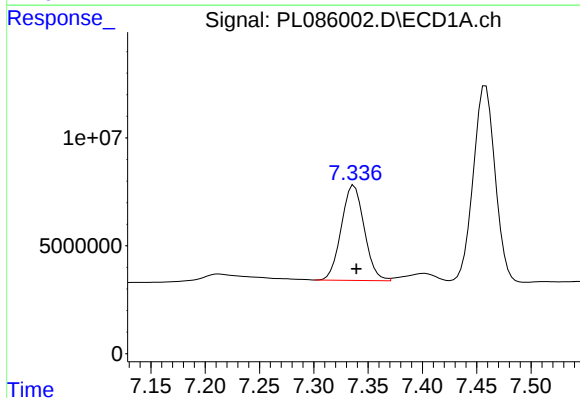
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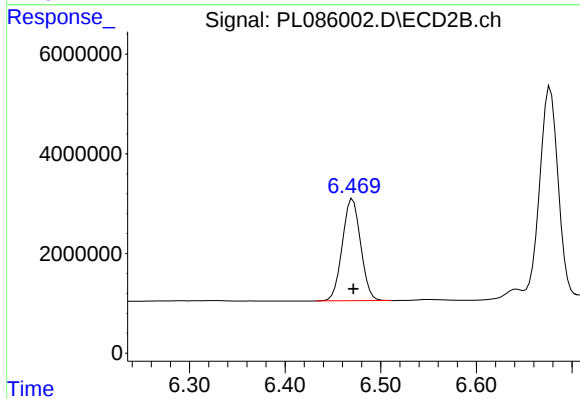
#19 Endosulfan Sulfate

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 47417393
Conc: 52.56 ng/ml



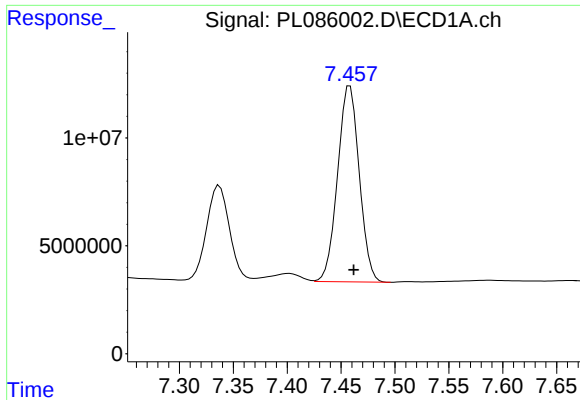
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: -0.002 min
Response: 64812683
Conc: 46.41 ng/ml



#20 Methoxychlor

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 27374090
Conc: 52.03 ng/ml



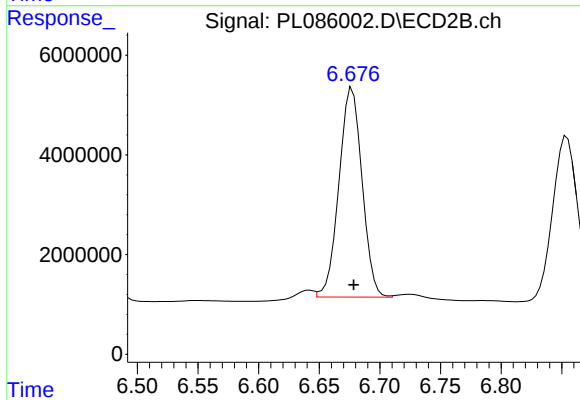
#21 Endrin ketone

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 127096627
Conc: 44.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

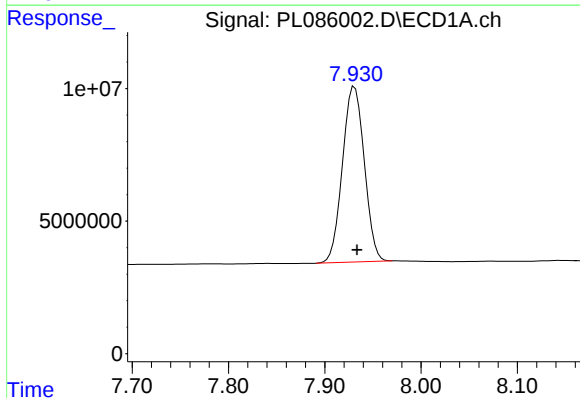
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2023
Supervised By :Ankita Jodhani 10/19/2023



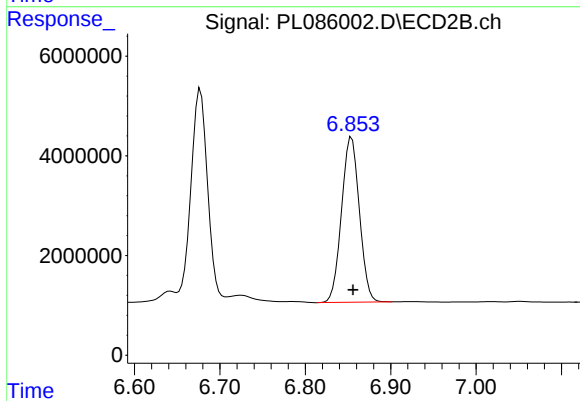
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 55550575
Conc: 48.33 ng/ml m



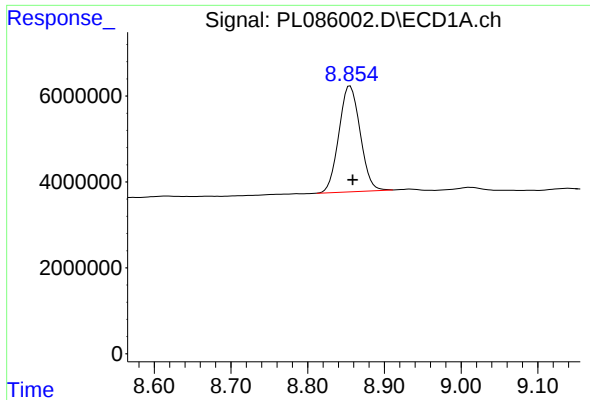
#22 Mirex

R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 104230209
Conc: 47.08 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 47942280
Conc: 50.83 ng/ml



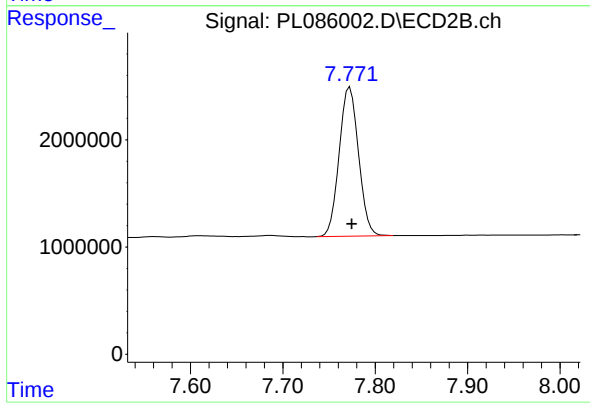
#28 Decachlorobiphenyl

R.T.: 8.855 min
Delta R.T.: -0.003 min
Response: 47716275
Conc: 21.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156460BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.773 min
Delta R.T.: -0.002 min
Response: 20253391
Conc: 21.94 ng/ml