

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040423\
 Data File : PL081857.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2023 16:20
 Operator : AR\AJ
 Sample : PB151890BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151890BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/05/2023
 Supervised By :Ankita Jodhani 04/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:08:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.328	2.656	51852785	47643520	22.294	23.868
28)	SA Decachlor...	8.748	7.771	42657434	48785869	23.836	24.599
Target Compounds							
2)	A alpha-BHC	3.776	3.154	166.9E6	148.1E6	48.681	50.814
3)	MA gamma-BHC...	4.105	3.482	150.5E6	139.1E6	47.363	49.955
4)	MA Heptachlor	4.682	3.815	142.5E6	136.3E6	45.196m	47.529
5)	MB Aldrin	5.020	4.092	141.2E6	136.5E6	49.349	51.239
6)	B beta-BHC	4.307	3.781	68163453	56579457	45.289	47.506
7)	B delta-BHC	4.549	4.008	152.4E6	135.5E6	50.129	52.380
8)	B Heptachlo...	5.447	4.594	129.6E6	126.8E6	47.637	52.188
9)	A Endosulfan I	5.827	4.962	115.7E6	117.7E6	46.826	53.308
10)	B gamma-Chl...	5.701	4.843	127.4E6	128.4E6	48.527	52.813
11)	B alpha-Chl...	5.779	4.906	125.6E6	127.3E6	48.520	52.420
12)	B 4,4'-DDE	5.957	5.097	110.9E6	108.8E6	49.208	55.251
13)	MA Dieldrin	6.102	5.226	119.2E6	123.5E6	49.246	54.895
14)	MA Endrin	6.329	5.500	99671393	107.3E6	47.121	53.028
15)	B Endosulfa...	6.551	5.796	100.2E6	103.4E6	47.197	57.008
16)	A 4,4'-DDD	6.473	5.651	88968762	92413004	49.332	60.897
17)	MA 4,4'-DDT	6.784	5.900	81652938	85399747	40.230	49.557
18)	B Endrin al...	6.681	5.976	82630470	87841950	50.504	56.563
19)	B Endosulfa...	6.915	6.199	101.1E6	103.7E6	48.496	53.288
20)	A Methoxychlor	7.264	6.479	46555658	48272252	43.231	48.464
21)	B Endrin ke...	7.394	6.704	103.5E6	114.3E6	49.418	53.506
22)	Mirex	7.858	6.875	79479383	97221836	46.390m	50.643m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040423\
Data File : PL081857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Apr 2023 16:20
Operator : AR\AJ
Sample : PB151890BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB151890BS

Manual Integrations

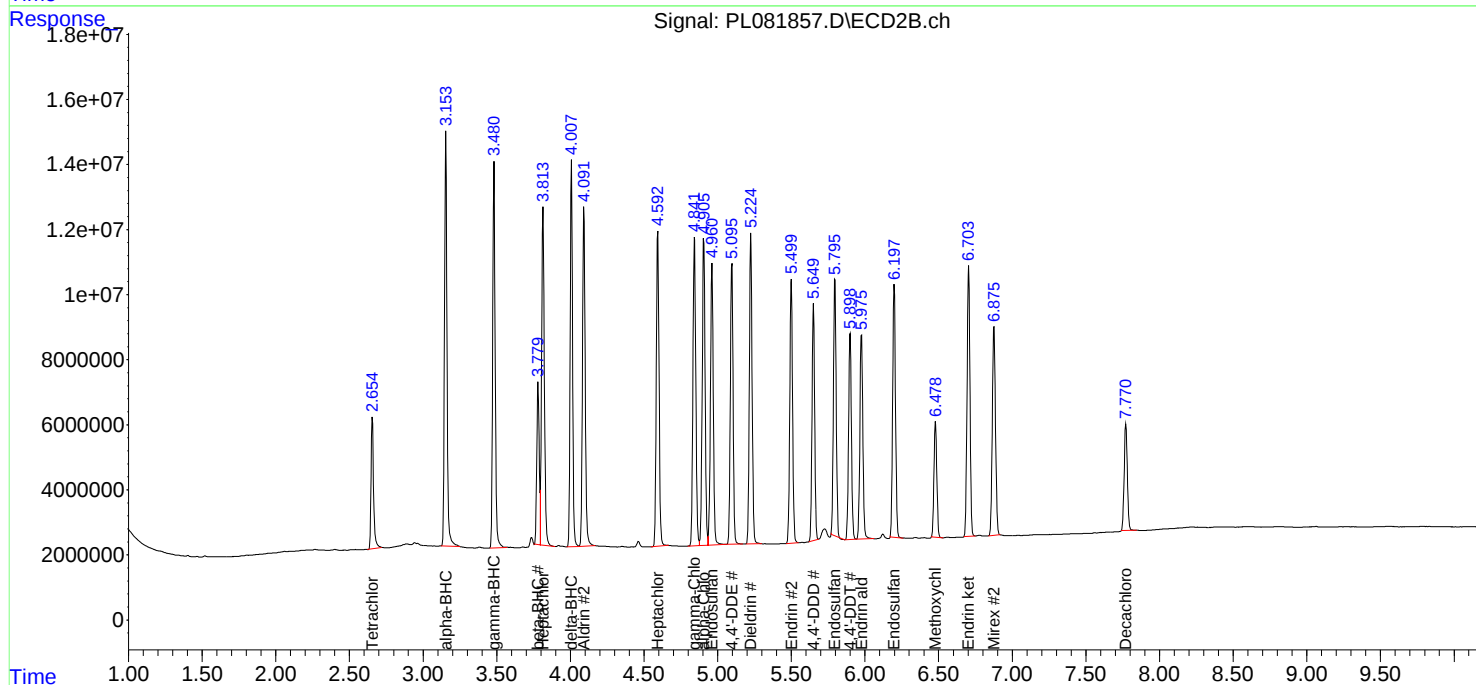
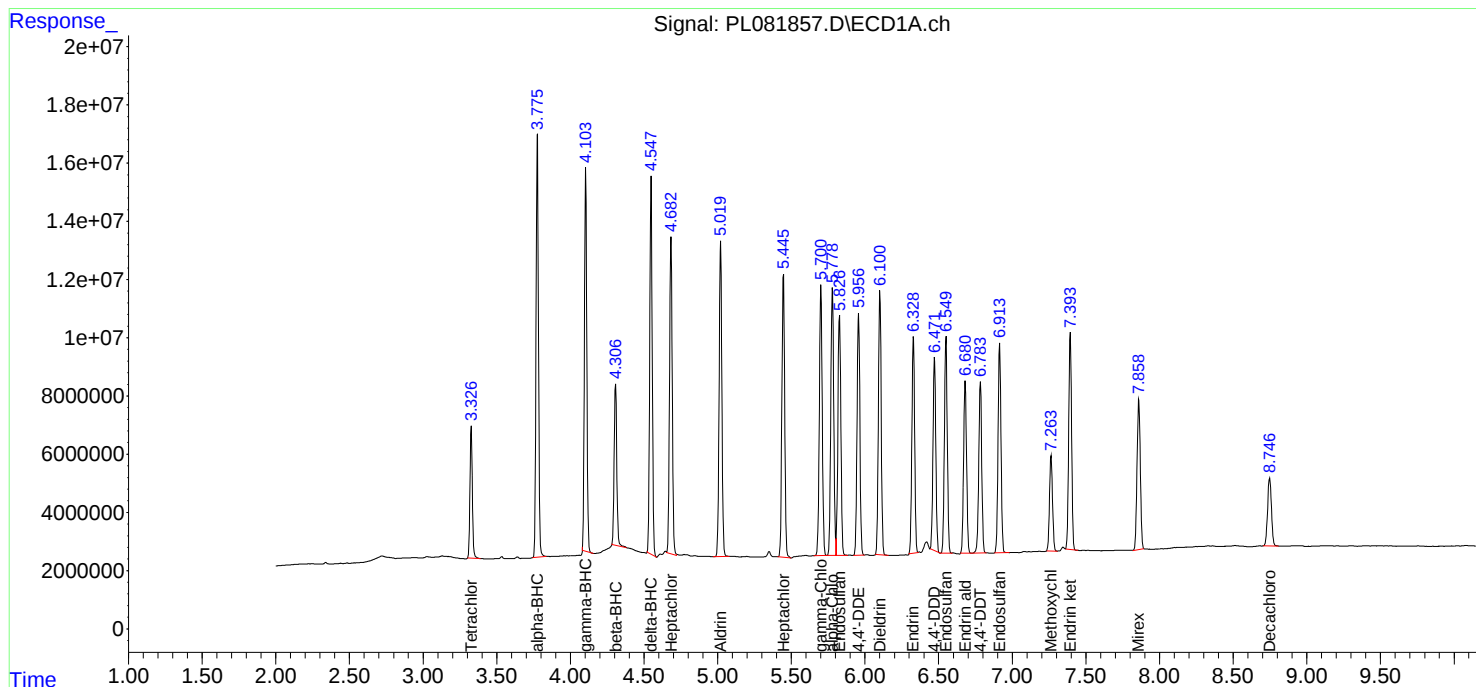
APPROVED

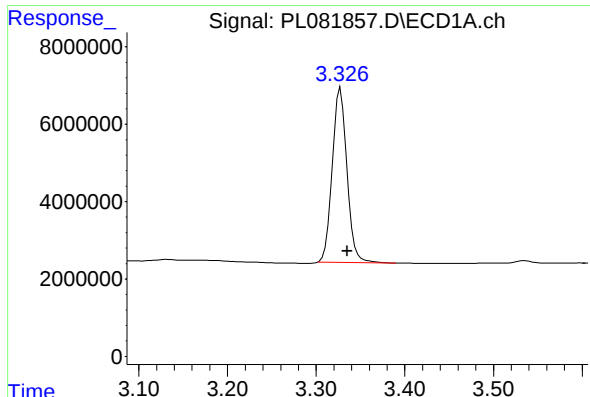
Reviewed By :Abdul Mirza 04/05/2023

Supervised By :Ankita Jodhani 04/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 22:08:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





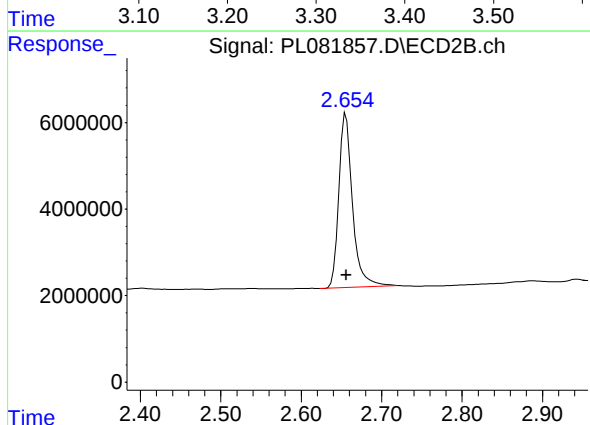
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 51852785
Conc: 22.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

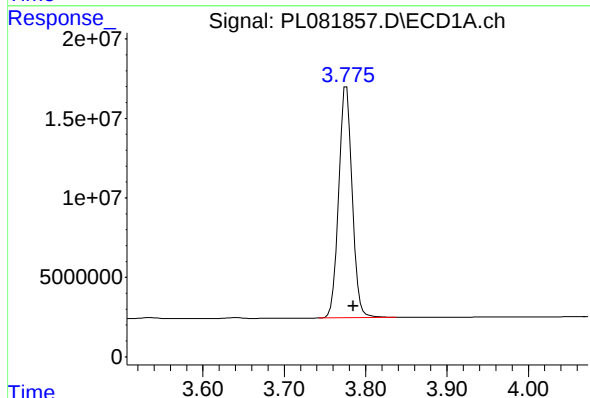
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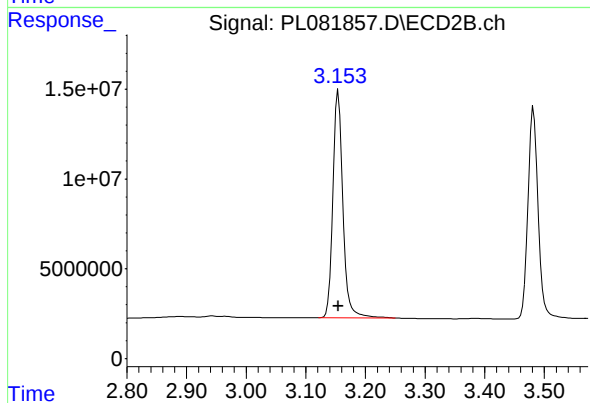
#1 Tetrachloro-m-xylene

R.T.: 2.656 min
Delta R.T.: 0.000 min
Response: 47643520
Conc: 23.87 ng/ml



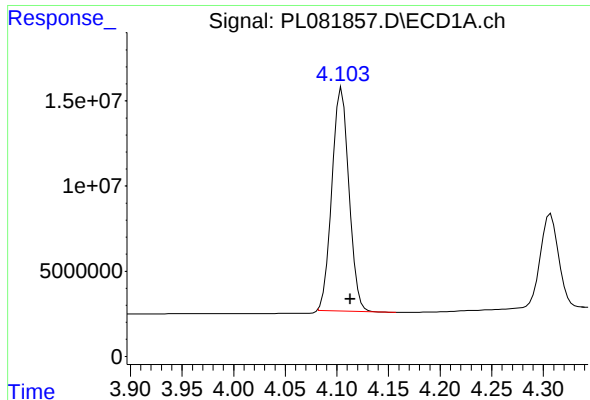
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.008 min
Response: 166898563
Conc: 48.68 ng/ml



#2 alpha-BHC

R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 148121055
Conc: 50.81 ng/ml



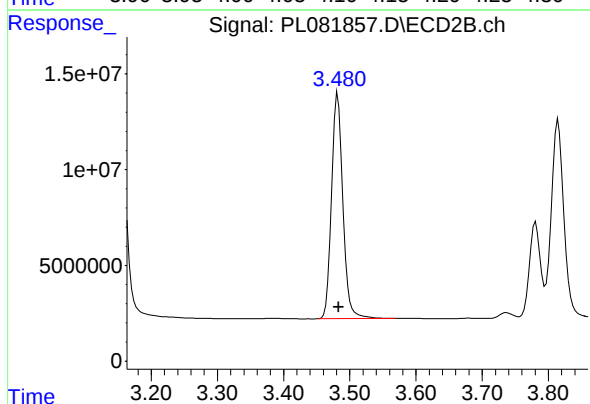
#3 gamma-BHC (Lindane)

R.T.: 4.105 min
Delta R.T.: -0.009 min
Response: 150463747
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

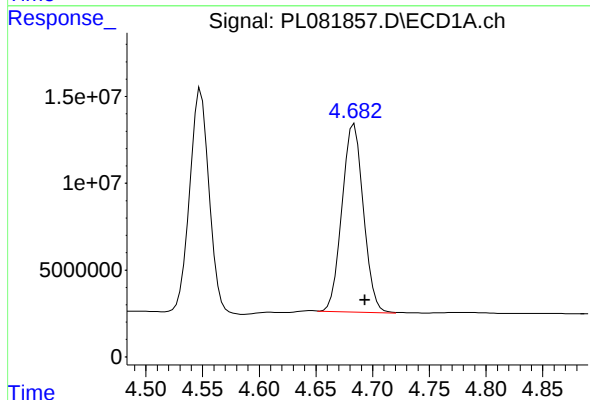
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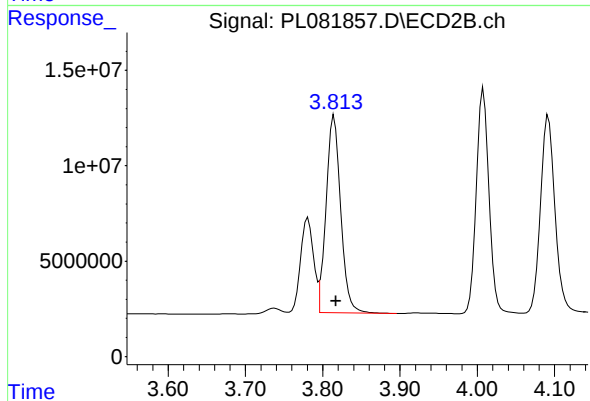
#3 gamma-BHC (Lindane)

R.T.: 3.482 min
Delta R.T.: -0.001 min
Response: 139085840
Conc: 49.96 ng/ml



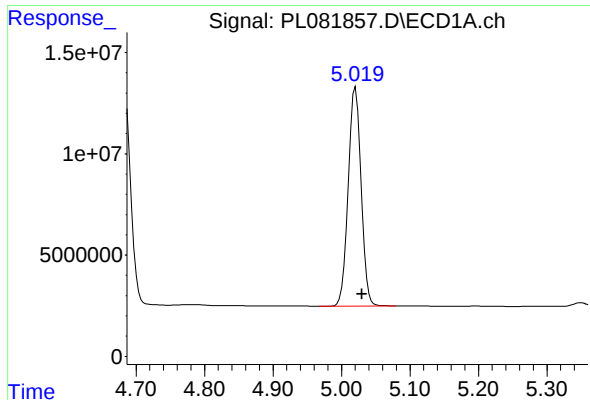
#4 Heptachlor

R.T.: 4.682 min
Delta R.T.: -0.011 min
Response: 142465809
Conc: 45.20 ng/ml m



#4 Heptachlor

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 136264167
Conc: 47.53 ng/ml



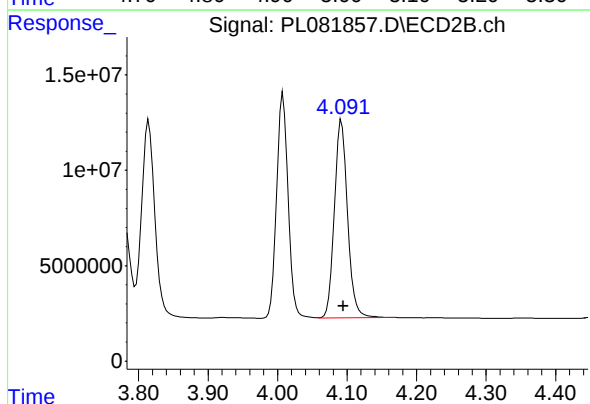
#5 Aldrin

R.T.: 5.020 min
Delta R.T.: -0.009 min
Response: 141153036
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

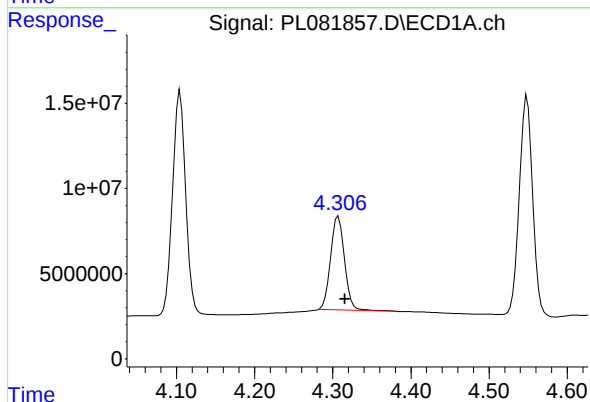
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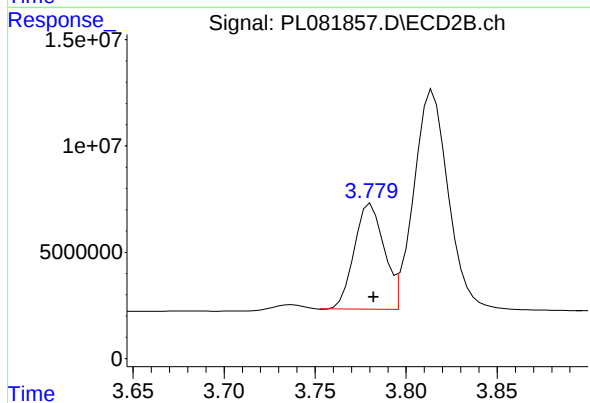
#5 Aldrin

R.T.: 4.092 min
Delta R.T.: -0.003 min
Response: 136523483
Conc: 51.24 ng/ml



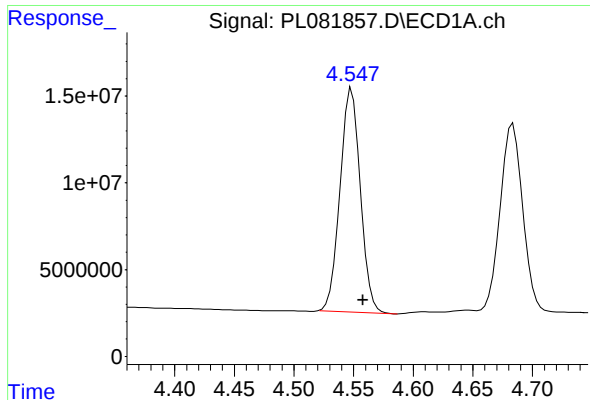
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: -0.009 min
Response: 68163453
Conc: 45.29 ng/ml



#6 beta-BHC

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 56579457
Conc: 47.51 ng/ml



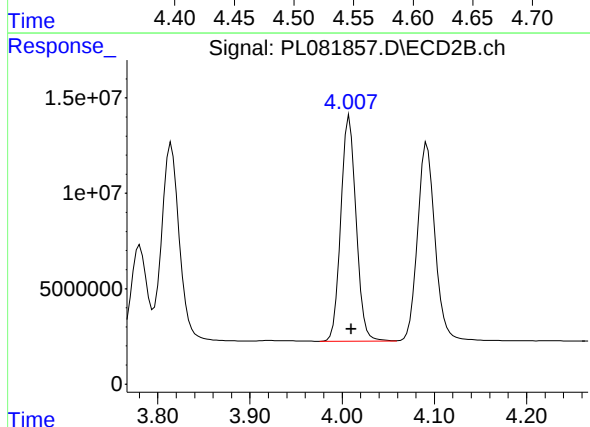
#7 delta-BHC

R.T.: 4.549 min
Delta R.T.: -0.009 min
Response: 152352192
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

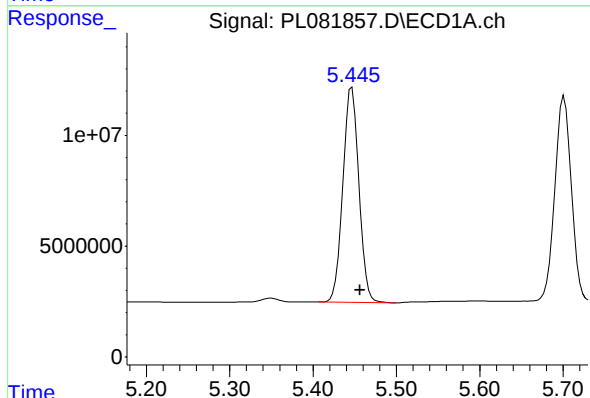
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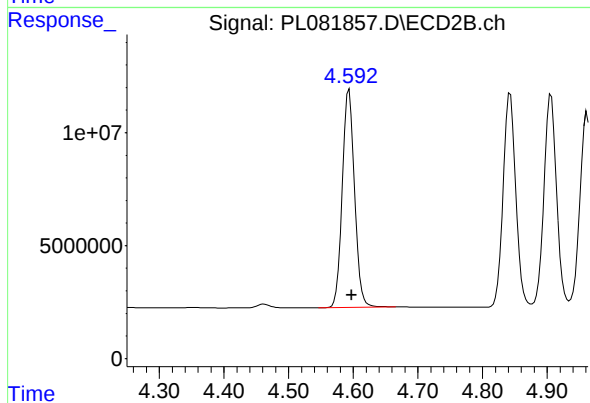
#7 delta-BHC

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 135460000
Conc: 52.38 ng/ml



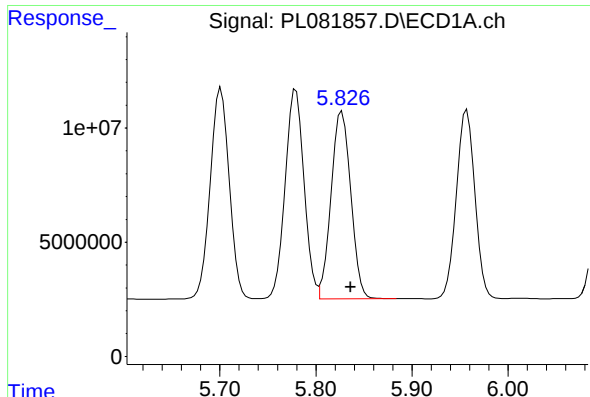
#8 Heptachlor epoxide

R.T.: 5.447 min
Delta R.T.: -0.010 min
Response: 129573815
Conc: 47.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.594 min
Delta R.T.: -0.004 min
Response: 126752354
Conc: 52.19 ng/ml



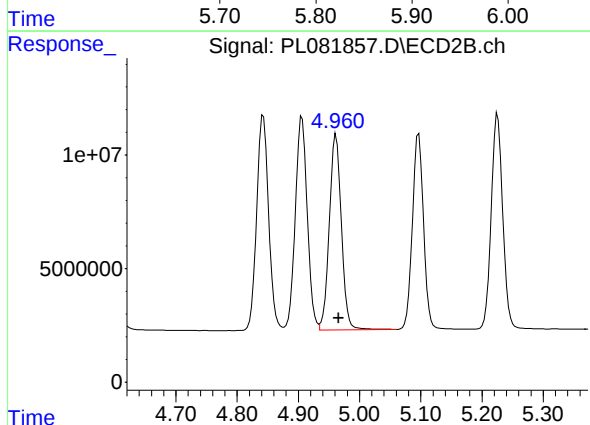
#9 Endosulfan I

R.T.: 5.827 min
Delta R.T.: -0.009 min
Response: 115698951
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

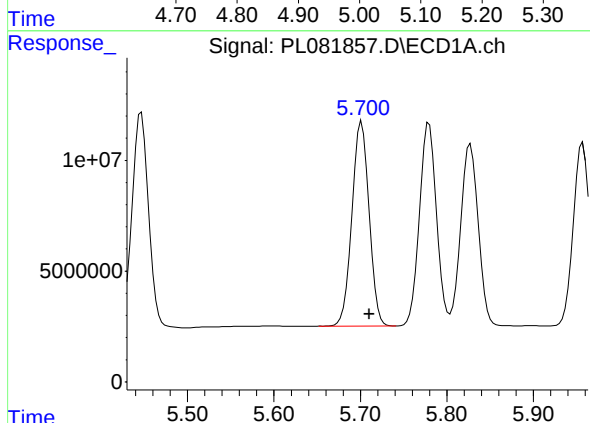
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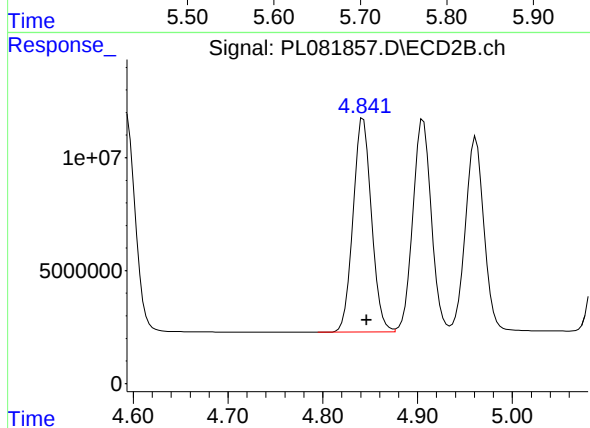
#9 Endosulfan I

R.T.: 4.962 min
Delta R.T.: -0.004 min
Response: 117690094
Conc: 53.31 ng/ml



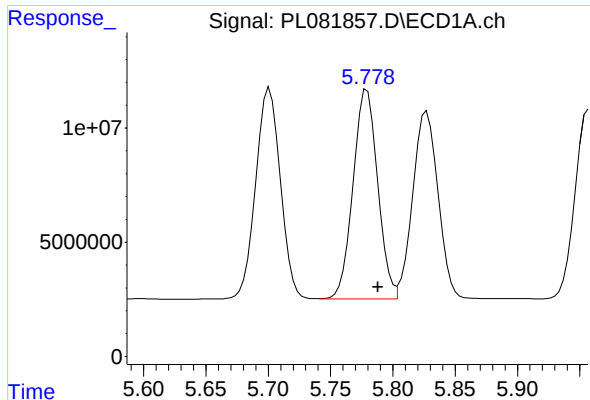
#10 gamma-Chlordane

R.T.: 5.701 min
Delta R.T.: -0.009 min
Response: 127395412
Conc: 48.53 ng/ml



#10 gamma-Chlordane

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 128354855
Conc: 52.81 ng/ml



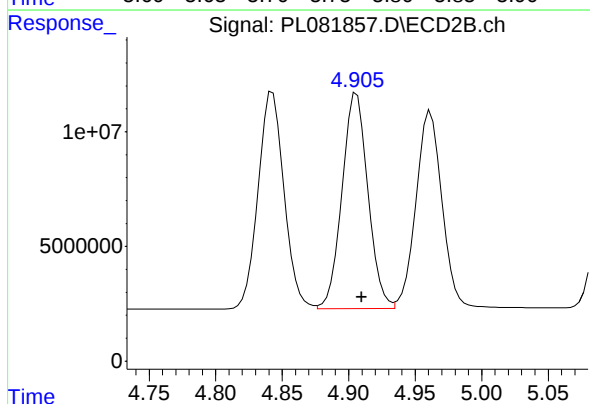
#11 alpha-Chlordane

R.T.: 5.779 min
Delta R.T.: -0.009 min
Response: 125589143
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

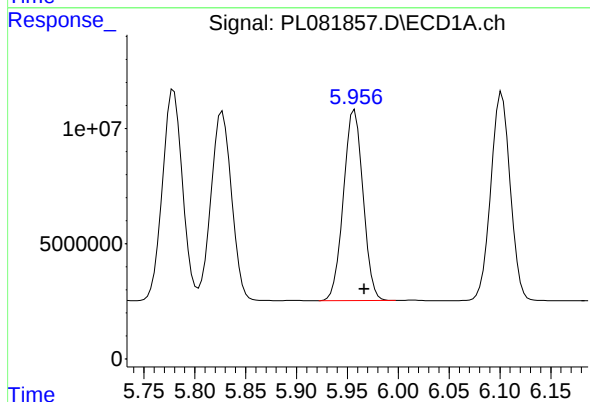
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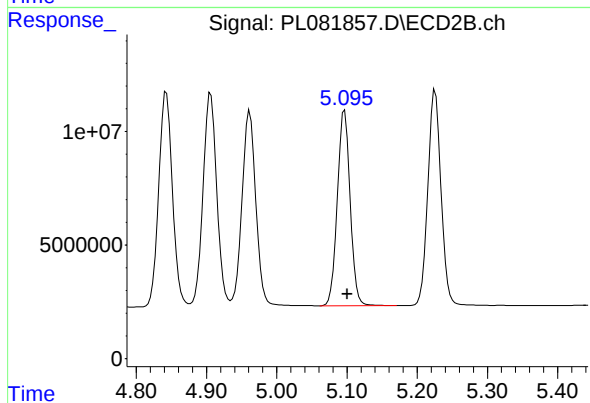
#11 alpha-Chlordane

R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 127325967
Conc: 52.42 ng/ml



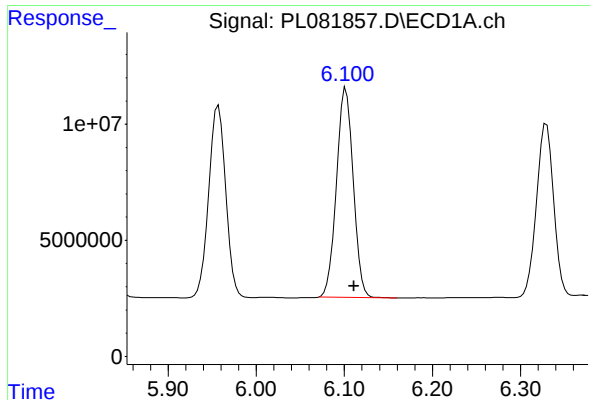
#12 4,4'-DDE

R.T.: 5.957 min
Delta R.T.: -0.009 min
Response: 110897960
Conc: 49.21 ng/ml



#12 4,4'-DDE

R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 108833922
Conc: 55.25 ng/ml



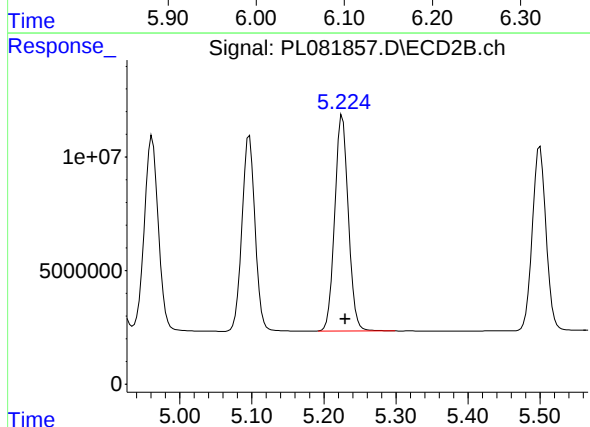
#13 Dieldrin

R.T.: 6.102 min
Delta R.T.: -0.009 min
Response: 119221611
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

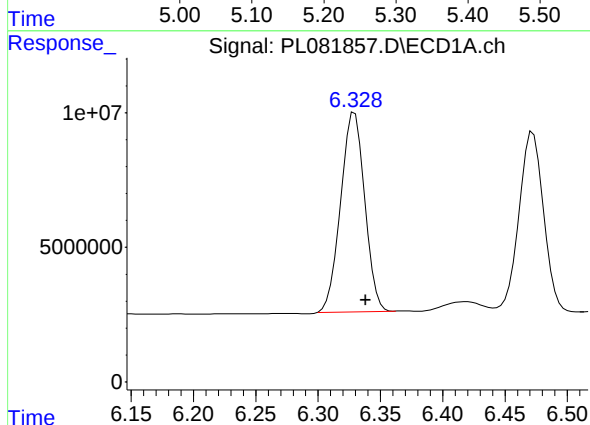
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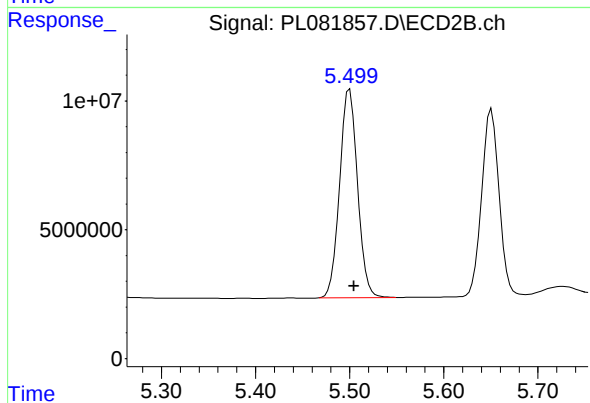
#13 Dieldrin

R.T.: 5.226 min
Delta R.T.: -0.004 min
Response: 123482499
Conc: 54.90 ng/ml



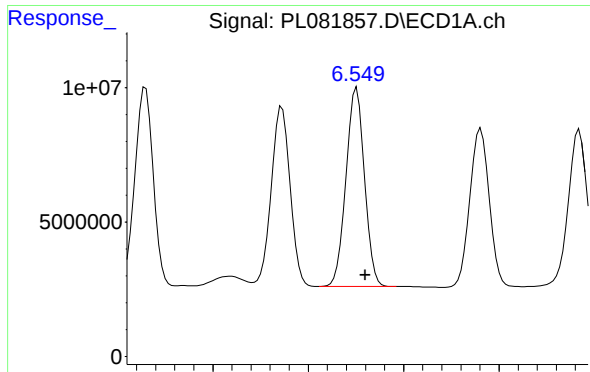
#14 Endrin

R.T.: 6.329 min
Delta R.T.: -0.009 min
Response: 99671393
Conc: 47.12 ng/ml



#14 Endrin

R.T.: 5.500 min
Delta R.T.: -0.005 min
Response: 107314362
Conc: 53.03 ng/ml



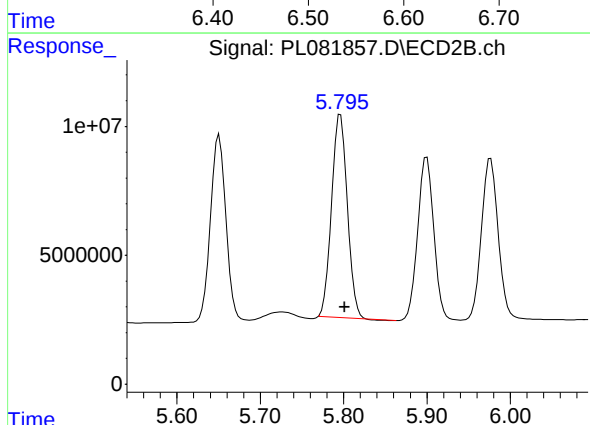
#15 Endosulfan II

R.T.: 6.551 min
Delta R.T.: -0.009 min
Response: 100156985
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

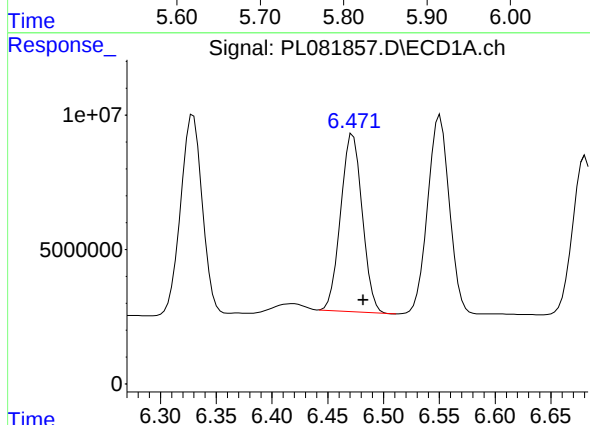
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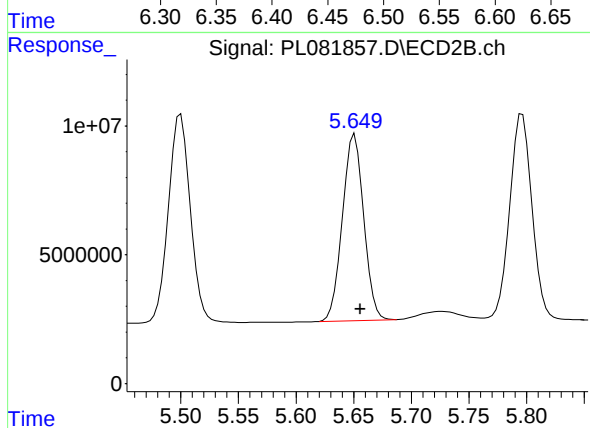
#15 Endosulfan II

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 103414692
Conc: 57.01 ng/ml



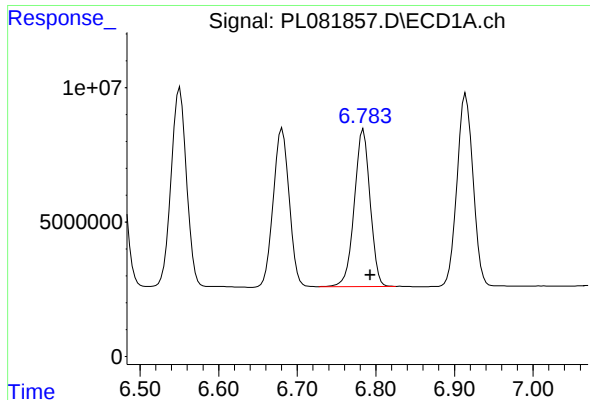
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: -0.009 min
Response: 88968762
Conc: 49.33 ng/ml



#16 4,4'-DDD

R.T.: 5.651 min
Delta R.T.: -0.005 min
Response: 92413004
Conc: 60.90 ng/ml



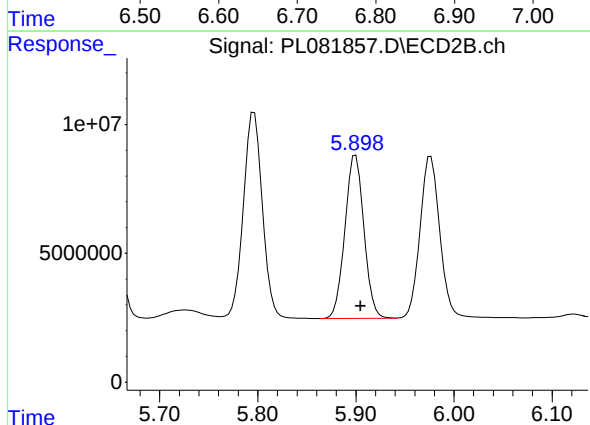
#17 4,4'-DDT

R.T.: 6.784 min
Delta R.T.: -0.009 min
Response: 81652938
Conc: 40.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

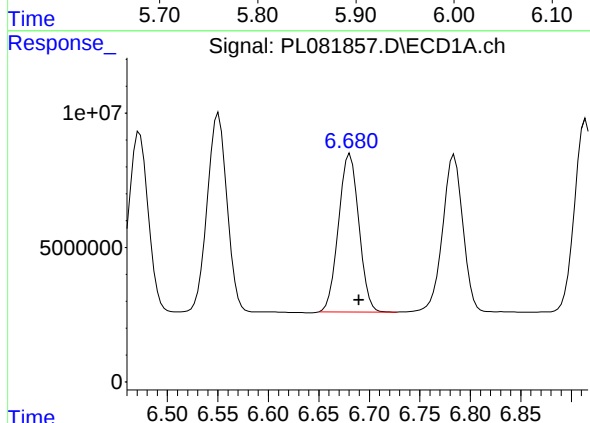
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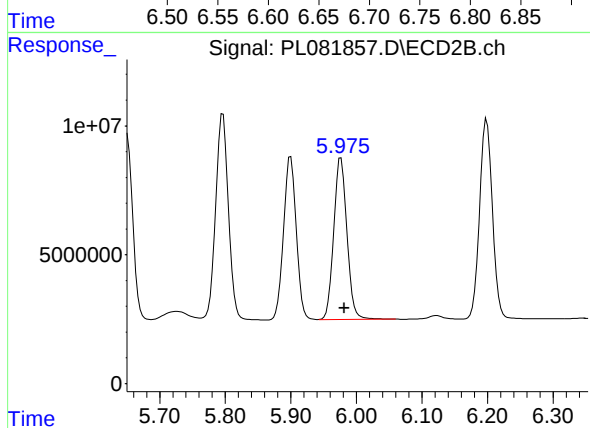
#17 4,4'-DDT

R.T.: 5.900 min
Delta R.T.: -0.005 min
Response: 85399747
Conc: 49.56 ng/ml



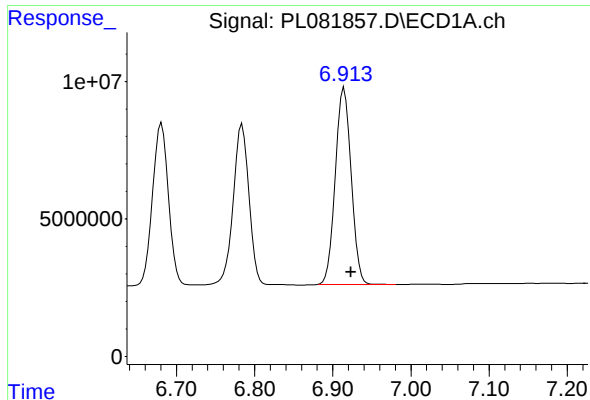
#18 Endrin aldehyde

R.T.: 6.681 min
Delta R.T.: -0.009 min
Response: 82630470
Conc: 50.50 ng/ml



#18 Endrin aldehyde

R.T.: 5.976 min
Delta R.T.: -0.005 min
Response: 87841950
Conc: 56.56 ng/ml



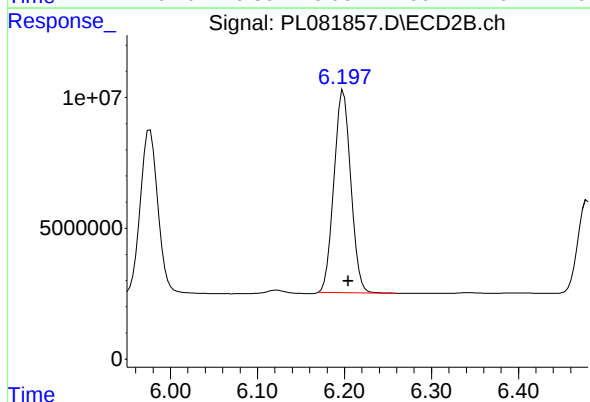
#19 Endosulfan Sulfate

R.T.: 6.915 min
Delta R.T.: -0.009 min
Response: 101067677
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

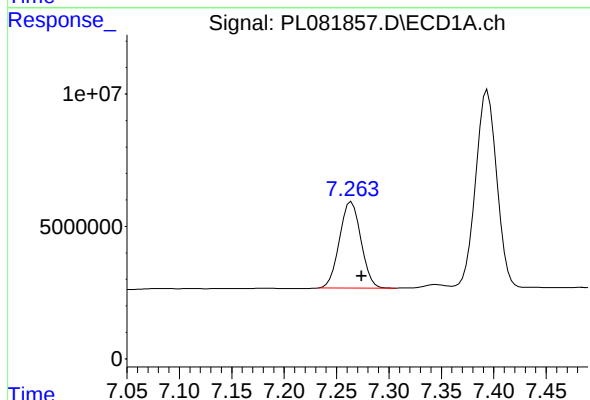
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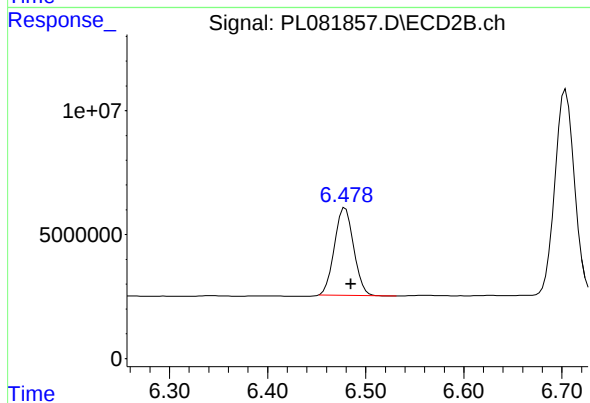
#19 Endosulfan Sulfate

R.T.: 6.199 min
Delta R.T.: -0.006 min
Response: 103682045
Conc: 53.29 ng/ml



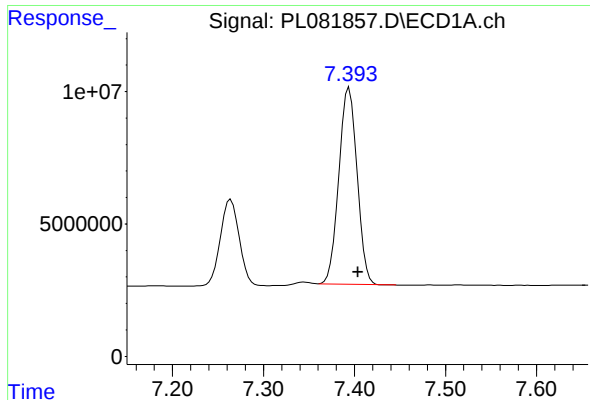
#20 Methoxychlor

R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 46555658
Conc: 43.23 ng/ml



#20 Methoxychlor

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 48272252
Conc: 48.46 ng/ml



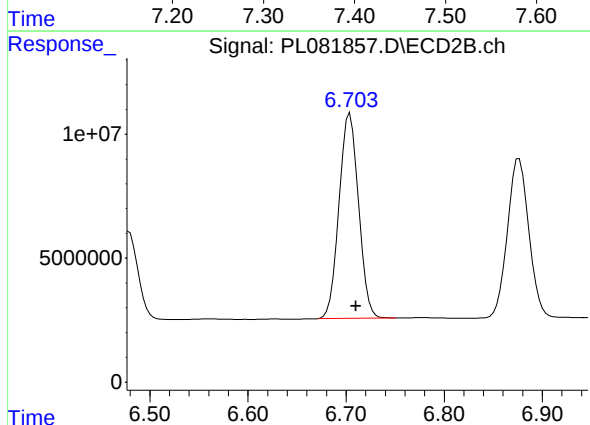
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: -0.010 min
Response: 103513964
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

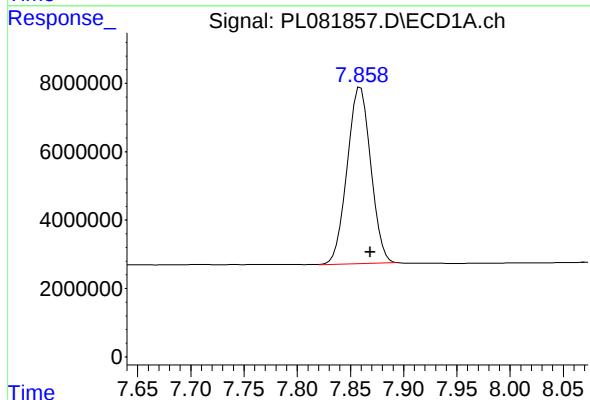
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/05/2023
Supervised By :Ankita Jodhani 04/05/2023



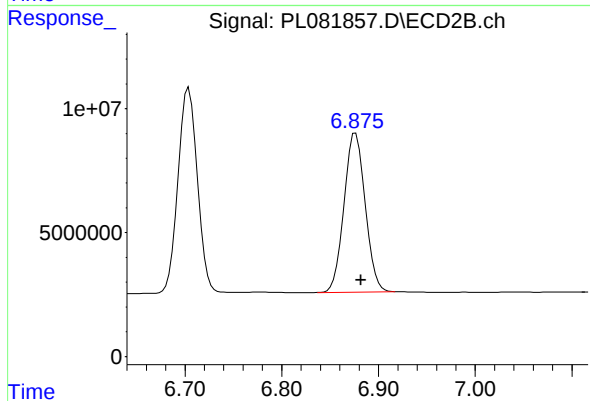
#21 Endrin ketone

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 114341942
Conc: 53.51 ng/ml



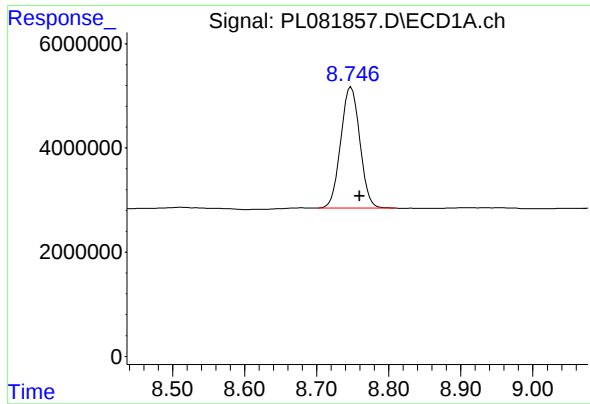
#22 Mirex

R.T.: 7.858 min
Delta R.T.: -0.011 min
Response: 79479383
Conc: 46.39 ng/ml m



#22 Mirex

R.T.: 6.875 min
Delta R.T.: -0.007 min
Response: 97221836
Conc: 50.64 ng/ml m



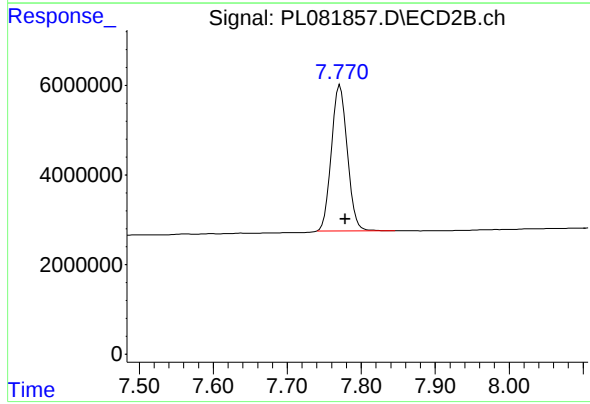
#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: -0.012 min
Response: 42657434
Conc: 23.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151890BS

Manual Integrations
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Supervised By :Ankita Jodhani 04/05/2023



#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: -0.007 min
Response: 48785869
Conc: 24.60 ng/ml