

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
 Data File : PL096243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 11:36
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/08/2025
 Supervised By : mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 07 13:57:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 13:50:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.828	91131135	145.0E6	25.245	25.362
28)	SA Decachlor...	9.020	7.996	71001314	127.1E6	25.902	26.196
Target Compounds							
2)	A alpha-BHC	3.985	3.335	124.9E6	209.0E6	23.704	24.437
3)	MA gamma-BHC...	4.313	3.667	121.8E6	196.4E6	24.252	24.753
4)	MA Heptachlor	4.905	4.017	112.0E6	191.7E6	24.741	25.225
5)	MB Aldrin	5.245	4.300	118.7E6	181.9E6	24.473	24.847
6)	B beta-BHC	4.499	3.964	51593189	86999189	25.201	25.864
7)	B delta-BHC	4.745	4.197	108.7E6	191.5E6	23.913	24.613
8)	B Heptachlo...	5.665	4.802	104.3E6	168.1E6	24.584	25.416
9)	A Endosulfan I	6.046	5.173	99024442	177.3E6	24.815	26.919
10)	B gamma-Chl...	5.919	5.054	109.4E6	174.8E6	24.768	24.989
11)	B alpha-Chl...	5.999	5.119	108.7E6	184.0E6	24.999	25.915
12)	B 4,4'-DDE	6.169	5.307	89563798	160.3E6	24.087	24.561
13)	MA Dieldrin	6.319	5.438	103.8E6	170.6E6	24.502	24.937
14)	MA Endrin	6.545	5.712	75881870	152.6E6	24.162	25.028
15)	B Endosulfa...	6.757	6.003	85668436	147.4E6	25.329	25.399m
16)	A 4,4'-DDD	6.677	5.859	71650668	132.2E6	24.600	25.187
17)	MA 4,4'-DDT	6.992	6.113	74288680	143.0E6	24.465	24.753
18)	B Endrin al...	6.886	6.182	55834732	113.1E6	25.291	26.639
19)	B Endosulfa...	7.119	6.406	75807591	141.9E6	24.844	25.508
20)	A Methoxychlor	7.464	6.684	39522332	77835403	25.770	25.981
21)	B Endrin ke...	7.599	6.909	82764438	158.8E6	25.035	25.653
22)	Mirex	8.079	7.101	70613541	126.1E6	25.849	26.192

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070725\
Data File : PL096243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 11:36
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

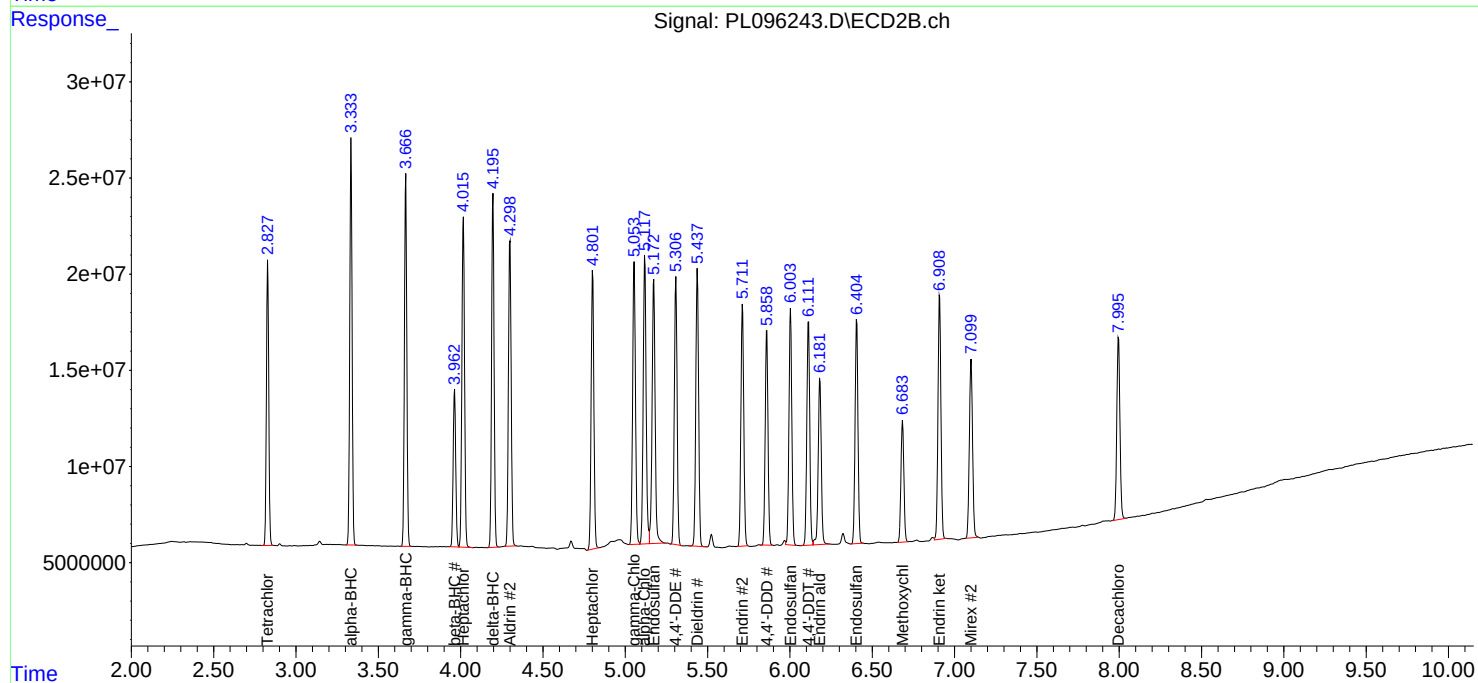
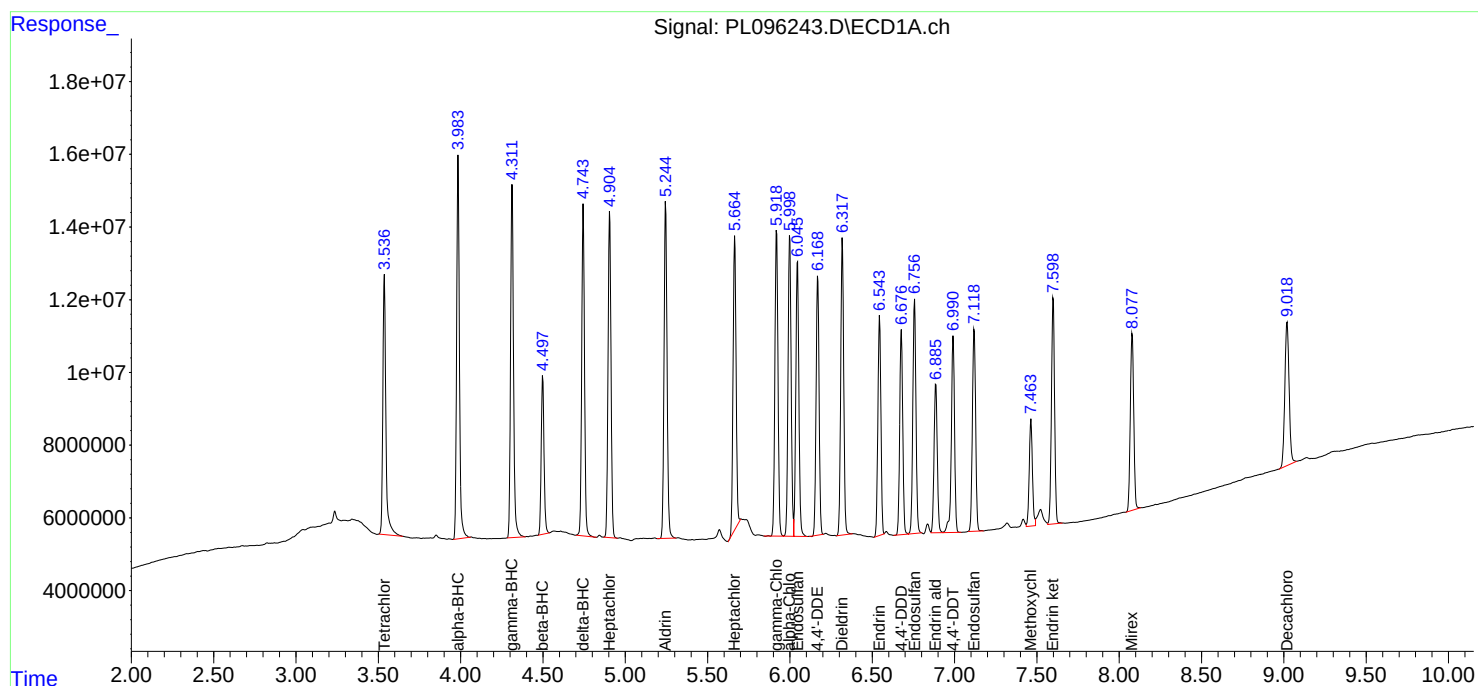
Instrument :
ECD_L
ClientSampleId :
PSTDICC025

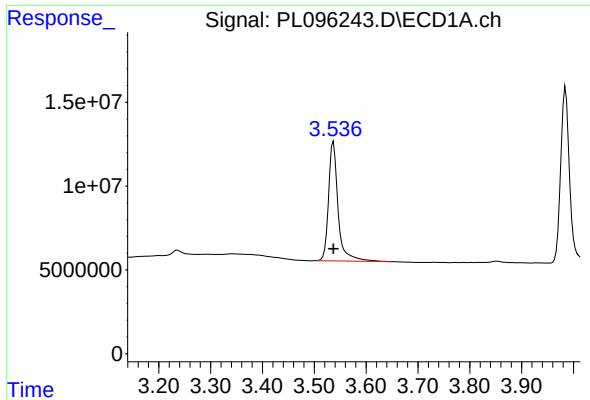
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 07 13:57:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 13:50:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





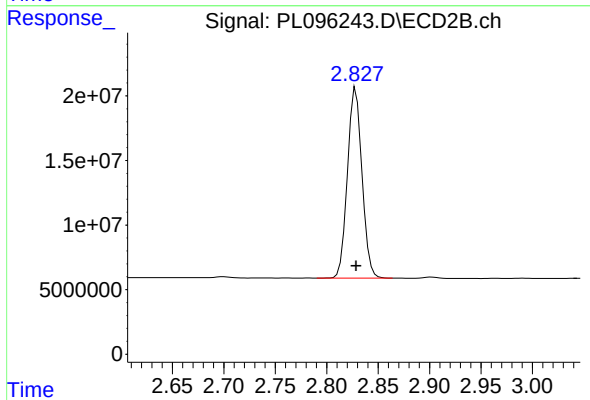
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 91131135
Conc: 25.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

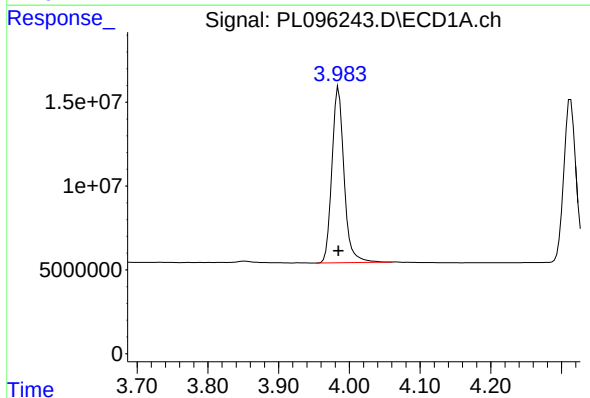
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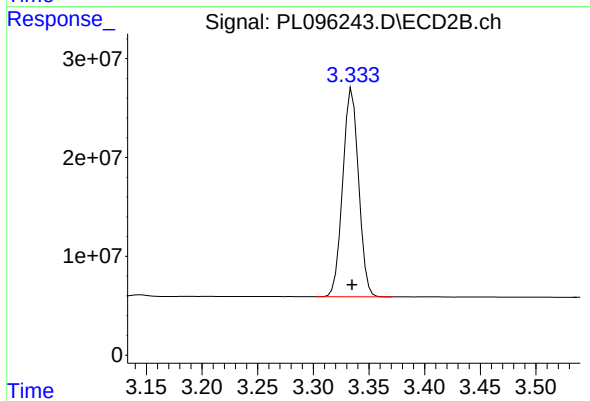
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 144981590
Conc: 25.36 ng/ml



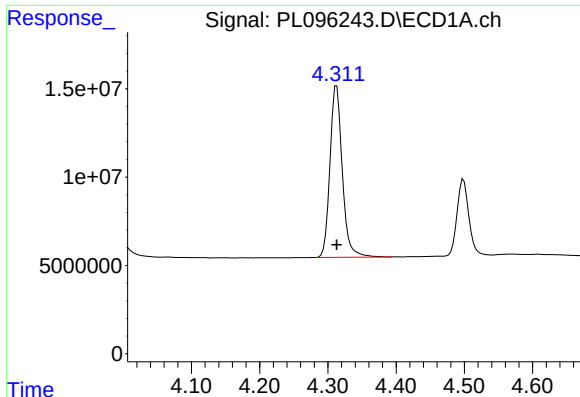
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 124855148
Conc: 23.70 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 209014460
Conc: 24.44 ng/ml



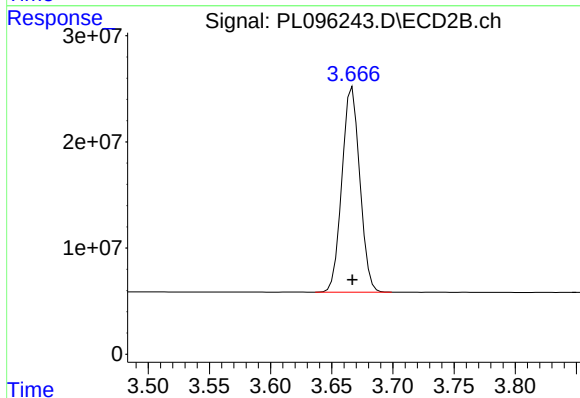
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 121811219
Conc: 24.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

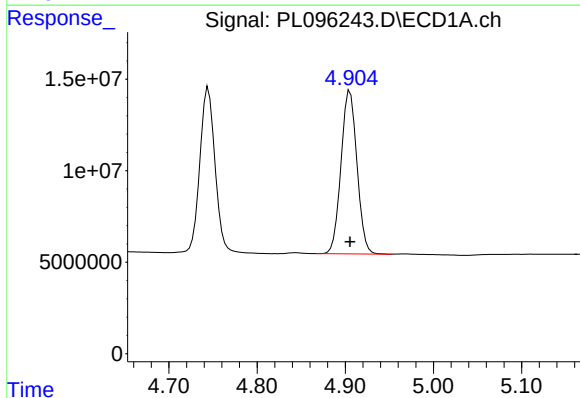
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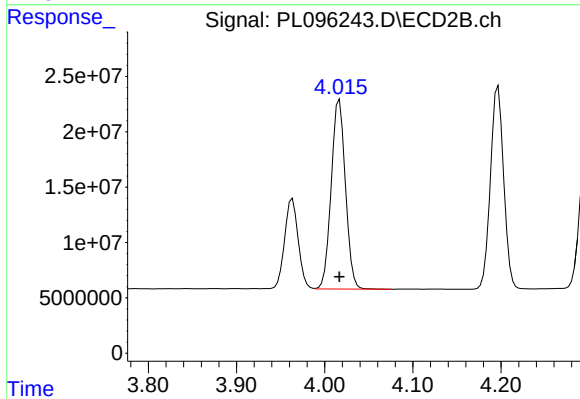
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 196372971
Conc: 24.75 ng/ml



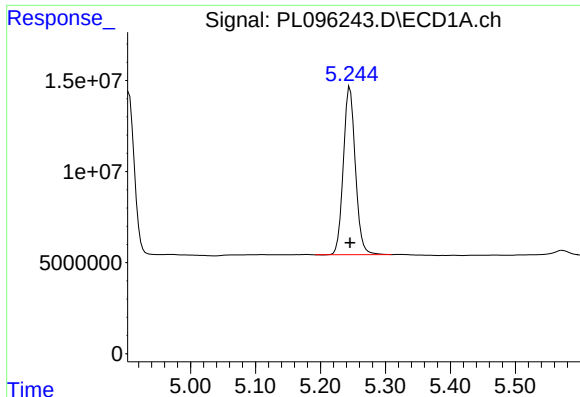
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 111978235
Conc: 24.74 ng/ml



#4 Heptachlor

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 191680190
Conc: 25.22 ng/ml



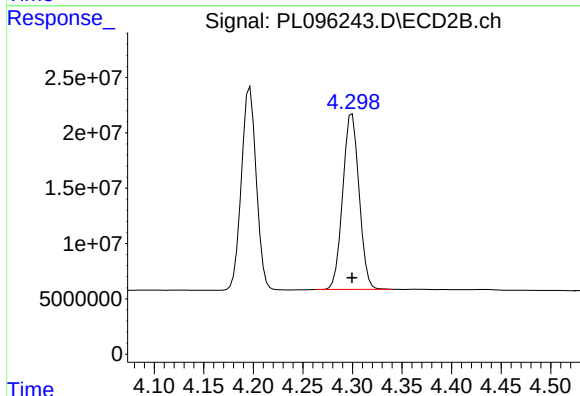
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 118683013
Conc: 24.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

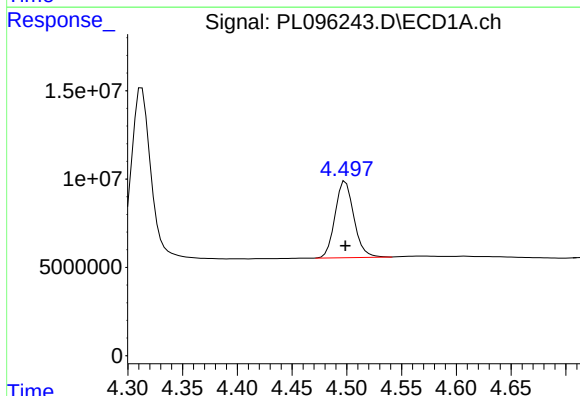
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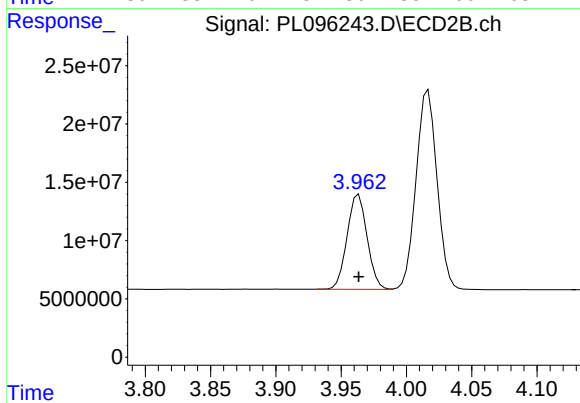
#5 Aldrin

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 181901551
Conc: 24.85 ng/ml



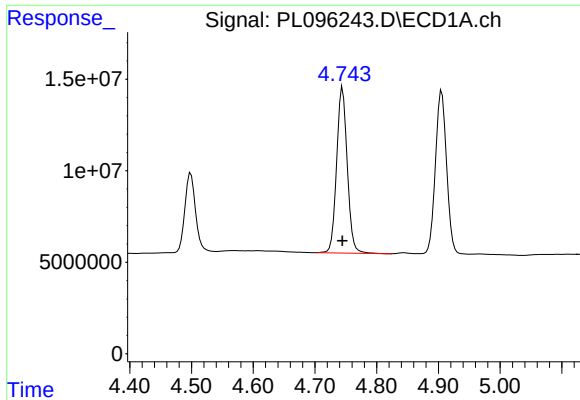
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 51593189
Conc: 25.20 ng/ml



#6 beta-BHC

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 86999189
Conc: 25.86 ng/ml



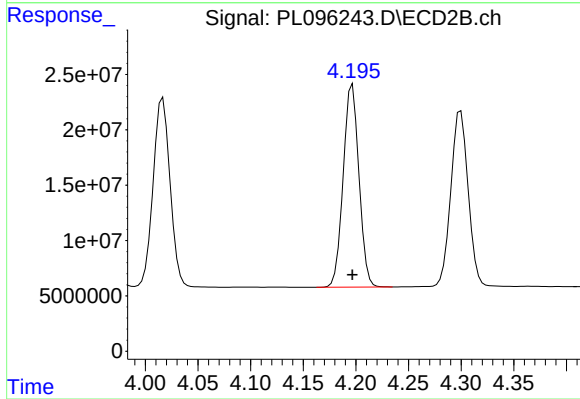
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 108668725
Conc: 23.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

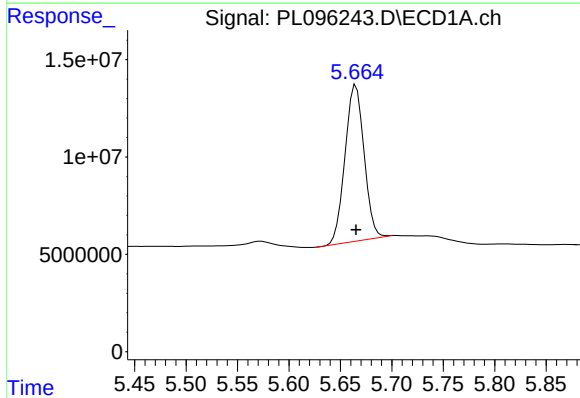
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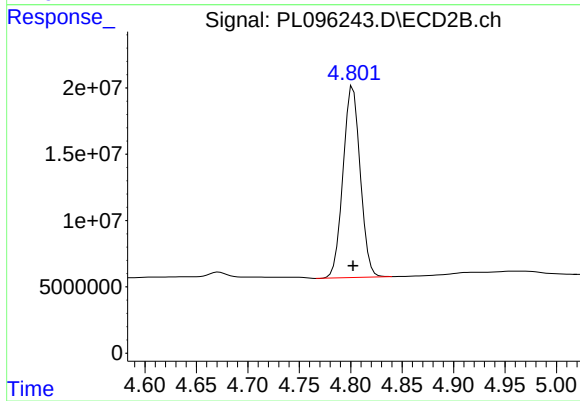
#7 delta-BHC

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 191489716
Conc: 24.61 ng/ml



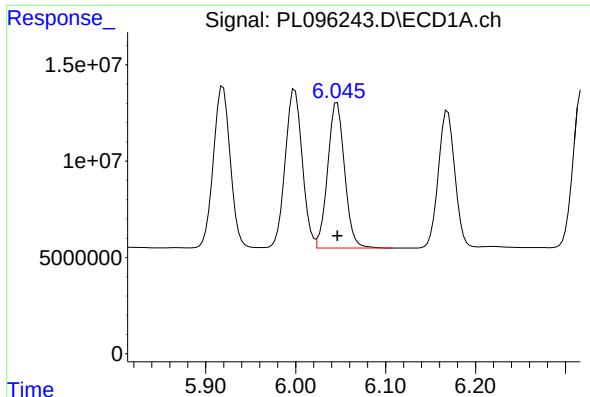
#8 Heptachlor epoxide

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 104327998
Conc: 24.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 168101653
Conc: 25.42 ng/ml



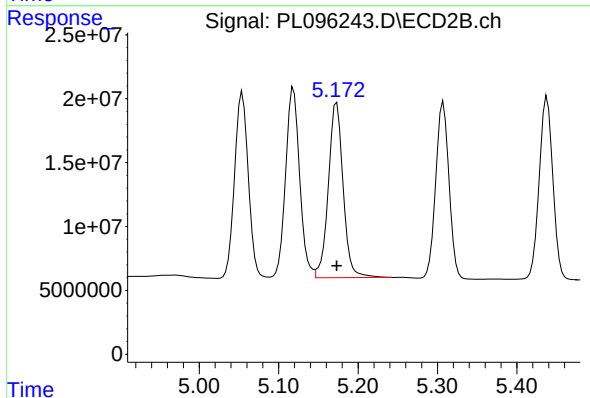
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 99024442
Conc: 24.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

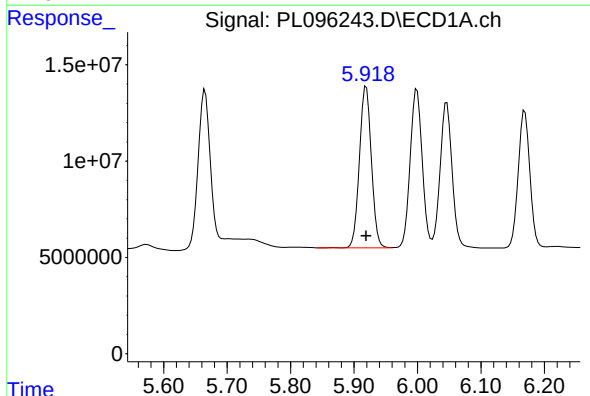
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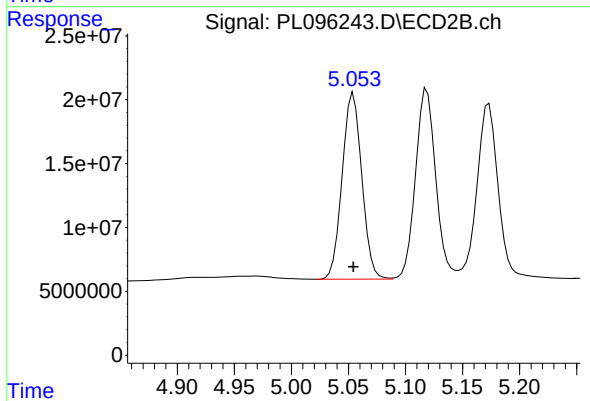
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 177299742
Conc: 26.92 ng/ml



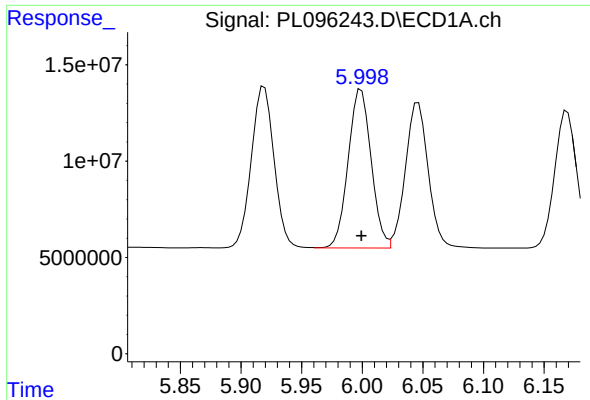
#10 gamma-Chlordane

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 109411861
Conc: 24.77 ng/ml



#10 gamma-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 174783686
Conc: 24.99 ng/ml



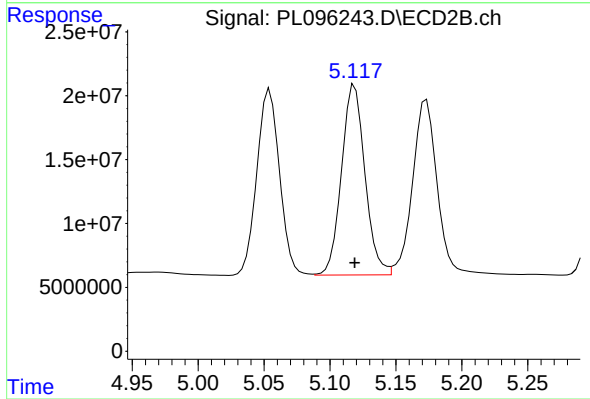
#11 alpha-Chlordane

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 108663198
Conc: 25.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

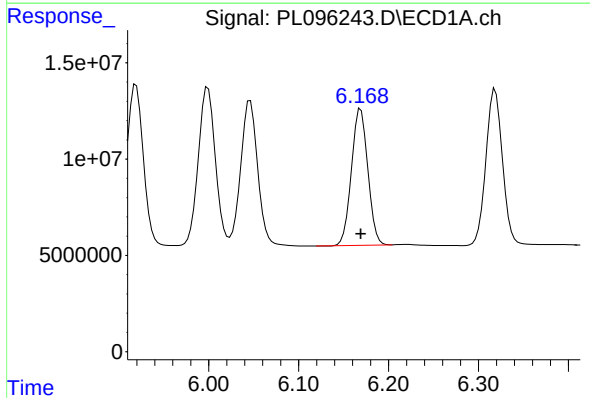
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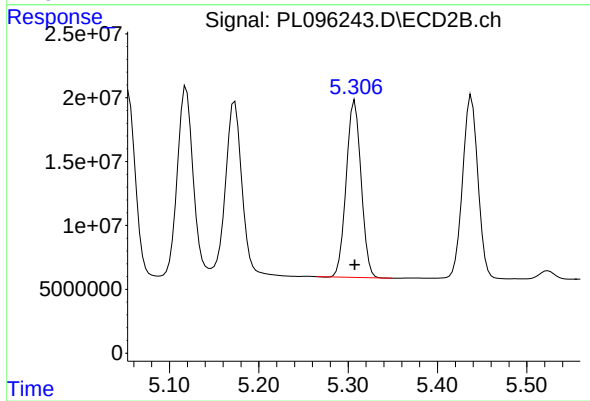
#11 alpha-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 184049107
Conc: 25.92 ng/ml



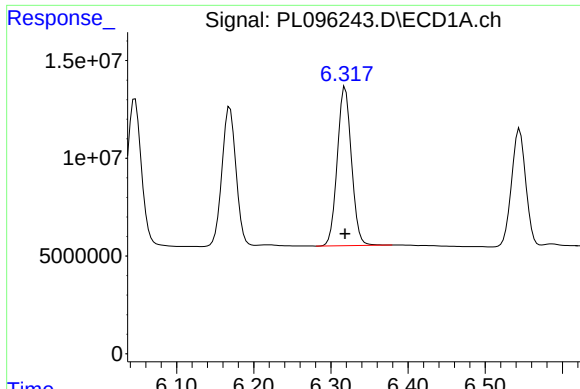
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 89563798
Conc: 24.09 ng/ml



#12 4,4'-DDE

R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 160286767
Conc: 24.56 ng/ml



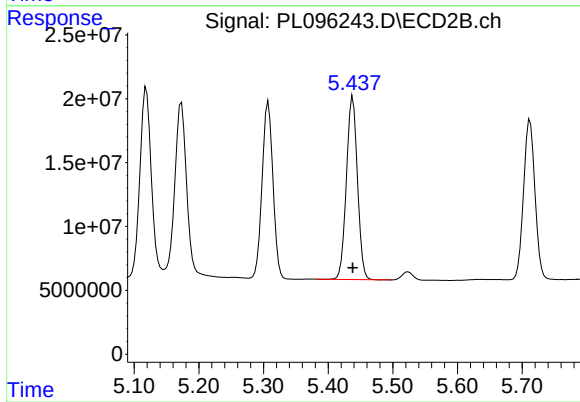
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 103826097
Conc: 24.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

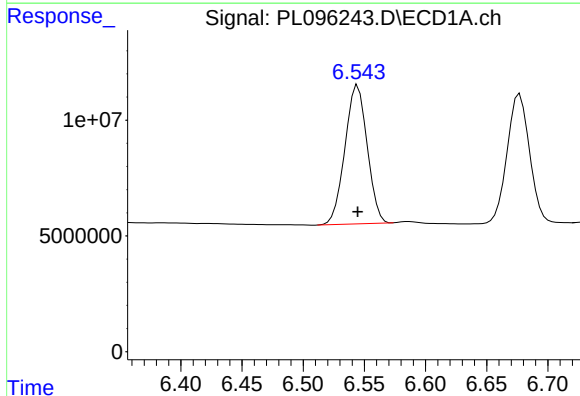
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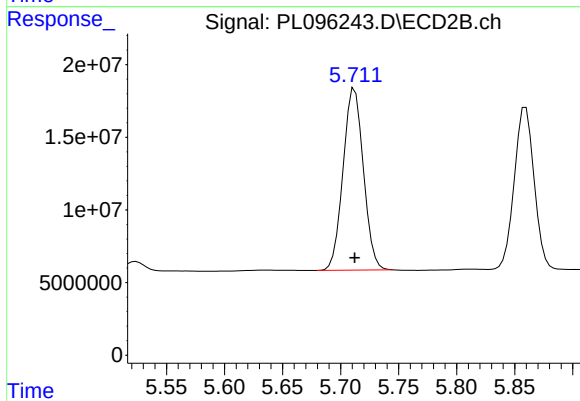
#13 Dieldrin

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 170622291
Conc: 24.94 ng/ml



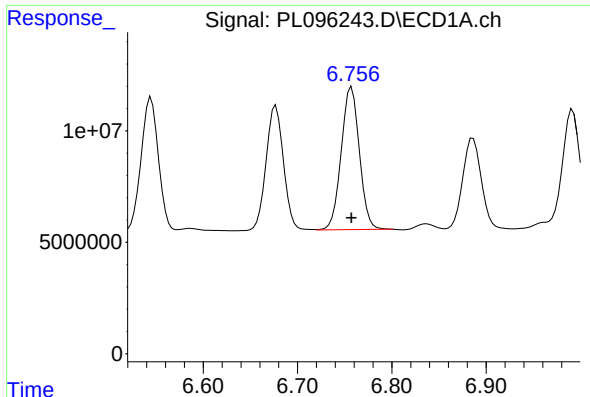
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 75881870
Conc: 24.16 ng/ml



#14 Endrin

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 152630829
Conc: 25.03 ng/ml



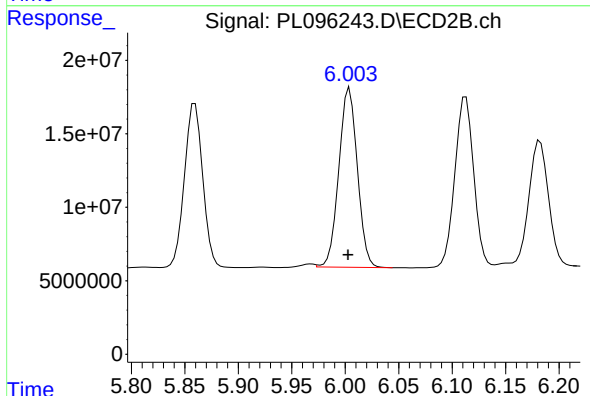
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 85668436
Conc: 25.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

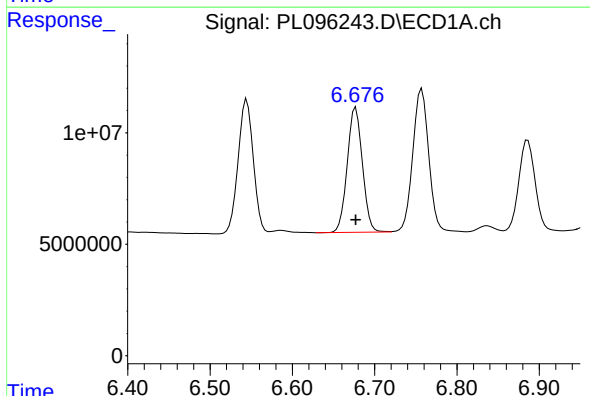
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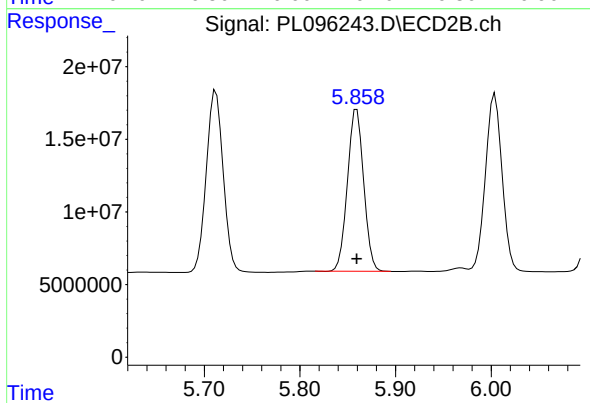
#15 Endosulfan II

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 147444785
Conc: 25.40 ng/ml m



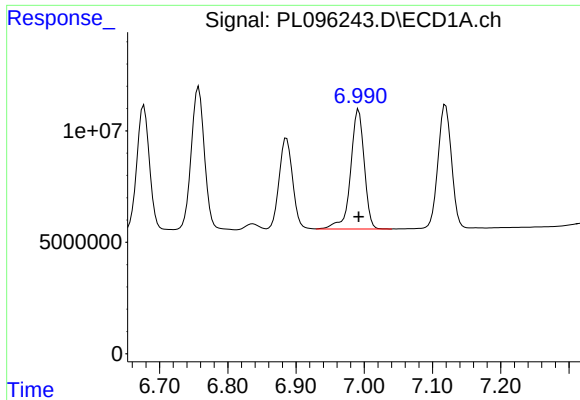
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 71650668
Conc: 24.60 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 132181861
Conc: 25.19 ng/ml



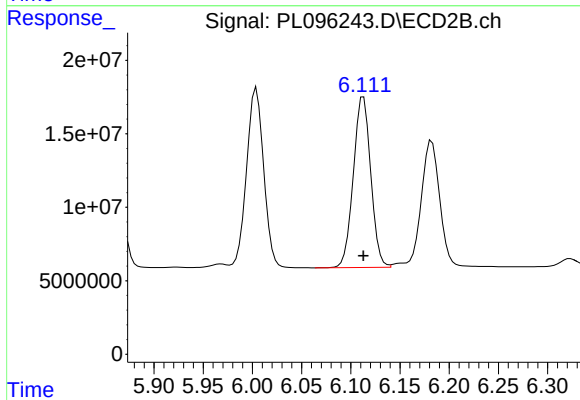
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 74288680
Conc: 24.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

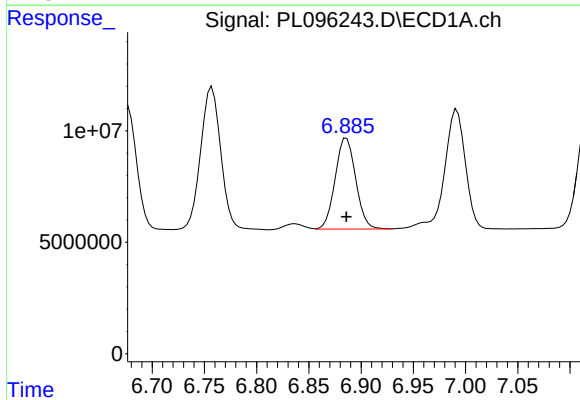
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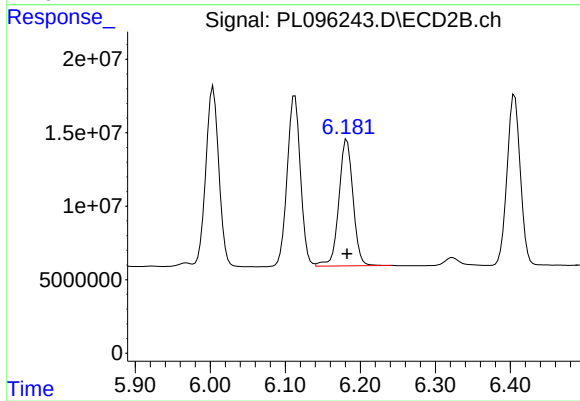
#17 4,4'-DDT

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 143037007
Conc: 24.75 ng/ml



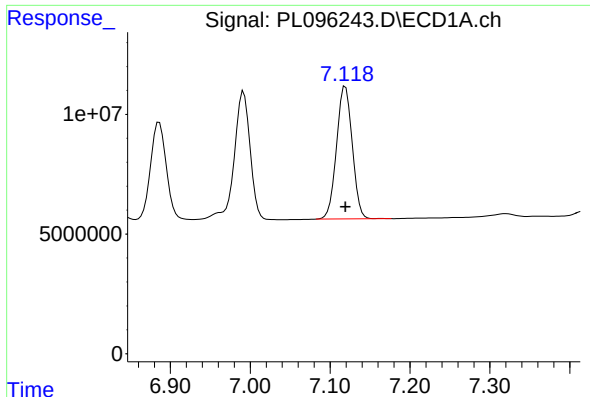
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 55834732
Conc: 25.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 113086713
Conc: 26.64 ng/ml



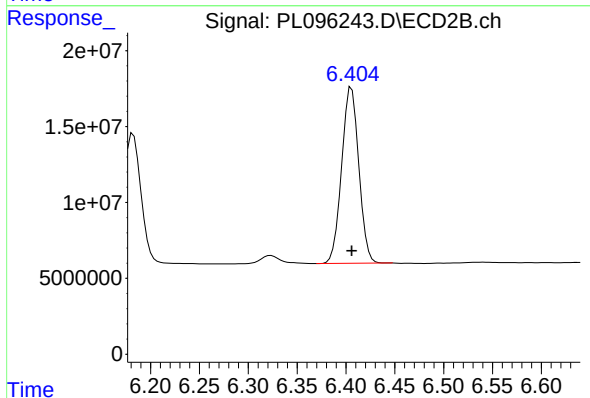
#19 Endosulfan Sulfate

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 75807591
Conc: 24.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

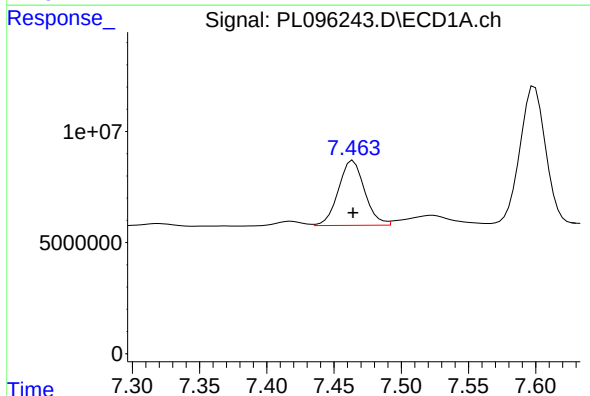
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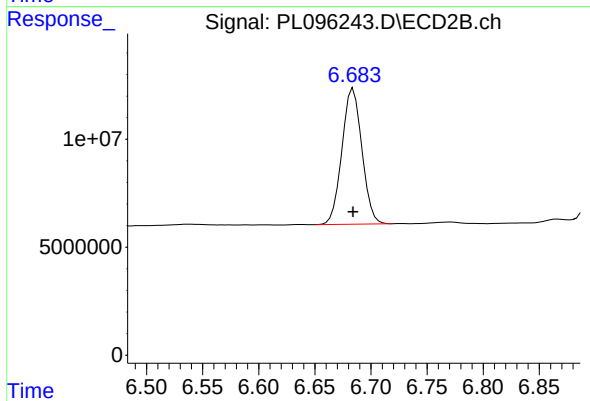
#19 Endosulfan Sulfate

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 141876171
Conc: 25.51 ng/ml



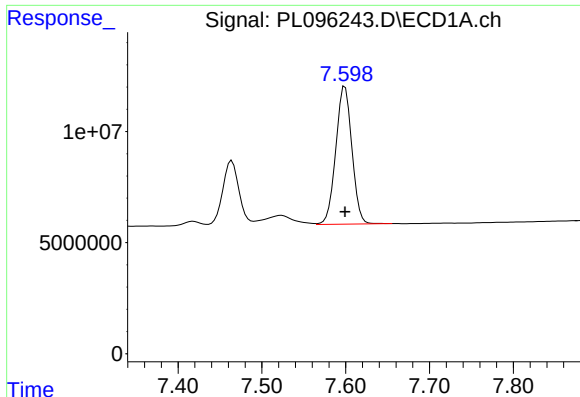
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 39522332
Conc: 25.77 ng/ml



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 77835403
Conc: 25.98 ng/ml



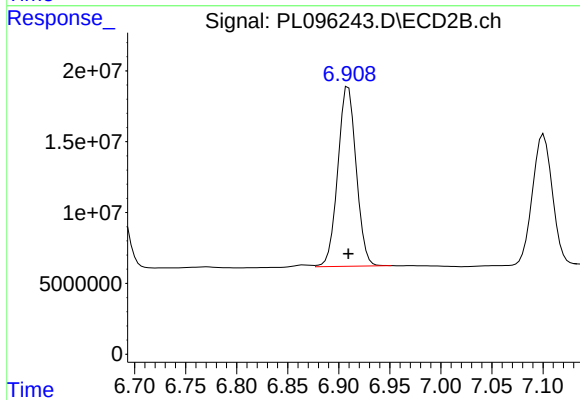
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 82764438
Conc: 25.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

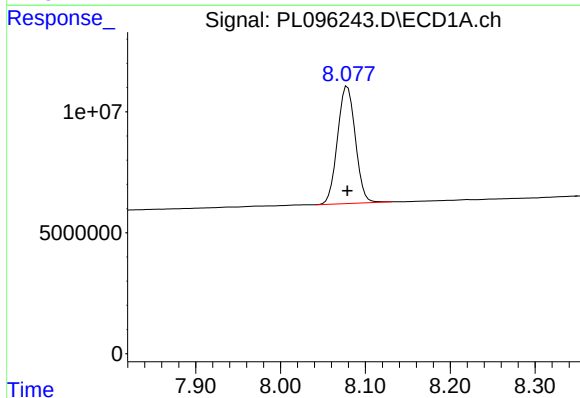
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Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



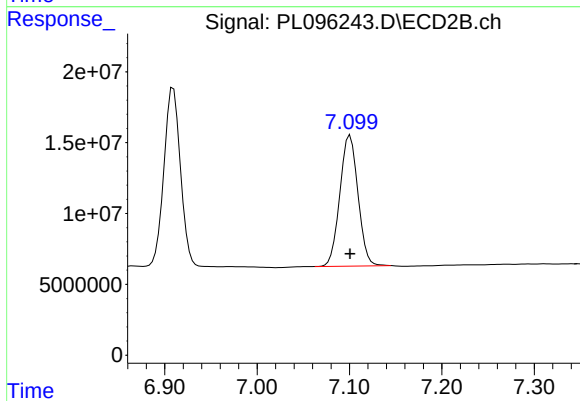
#21 Endrin ketone

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 158785412
Conc: 25.65 ng/ml



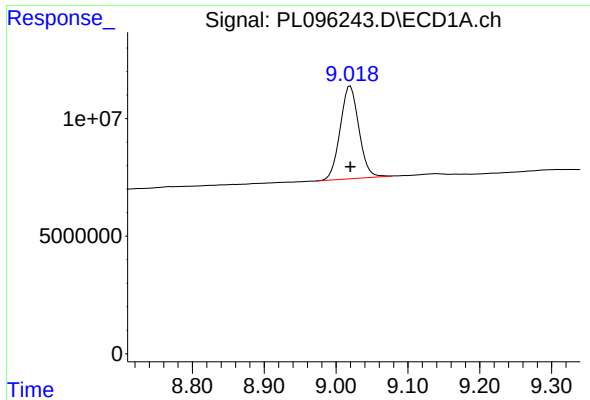
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 70613541
Conc: 25.85 ng/ml



#22 Mirex

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 126125125
Conc: 26.19 ng/ml



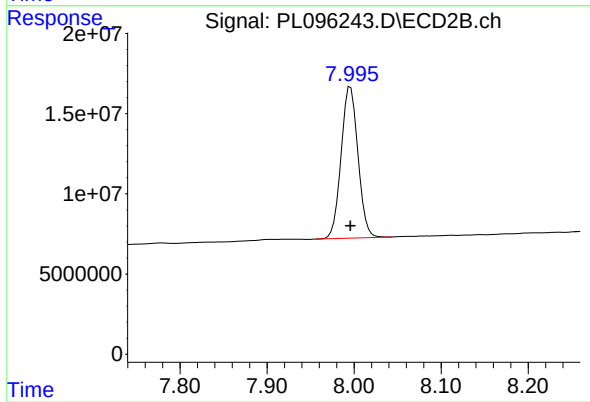
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 71001314
Conc: 25.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 127127393
Conc: 26.20 ng/ml