

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082725\
 Data File : PL096978.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2025 16:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/27/2025
 Supervised By : mohammad ahmed 08/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 01:32:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.529	2.825	167.5E6	241.8E6	42.473	42.903
28)	SA Decachlor...	9.003	7.986	132.7E6	230.0E6	44.814	47.965
Target Compounds							
2)	A alpha-BHC	3.976	3.330	258.4E6	374.8E6	44.592	45.649
3)	MA gamma-BHC...	4.304	3.662	241.0E6	344.6E6	44.132	46.785
4)	MA Heptachlor	4.895	4.010	235.4E6	343.2E6	44.146	45.609
5)	MB Aldrin	5.235	4.292	232.9E6	324.4E6	44.336	46.120
6)	B beta-BHC	4.491	3.958	97643023	145.6E6	42.694	44.640
7)	B delta-BHC	4.736	4.191	227.5E6	341.0E6	50.548	46.395
8)	B Heptachlo...	5.654	4.794	218.2E6	292.2E6	42.402	46.196
9)	A Endosulfan I	6.036	5.165	199.4E6	289.1E6	46.408	48.261
10)	B gamma-Chl...	5.908	5.046	205.4E6	303.3E6	44.594	45.878
11)	B alpha-Chl...	5.988	5.110	236.5E6	293.3E6	50.259	44.916
12)	B 4,4'-DDE	6.158	5.299	186.5E6	273.2E6	46.739	44.384
13)	MA Dieldrin	6.306	5.428	201.8E6	322.4E6	44.445m	49.195m
14)	MA Endrin	6.534	5.704	169.9E6	238.8E6	45.358	40.431
15)	B Endosulfa...	6.745	5.995	188.4E6	265.1E6	42.780m	46.349m
16)	A 4,4'-DDD	6.667	5.851	149.3E6	242.3E6	47.302	46.396
17)	MA 4,4'-DDT	6.981	6.104	180.8E6	225.7E6	51.633	41.208
18)	B Endrin al...	6.877	6.174	123.1E6	210.6E6	47.324	50.709
19)	B Endosulfa...	7.109	6.398	176.6E6	265.9E6	51.427	47.453
20)	A Methoxychlor	7.454	6.676	80268101	134.8E6	46.251	44.929
21)	B Endrin ke...	7.589	6.901	176.2E6	299.7E6	49.573	47.878m
22)	Mirex	8.068	7.091	132.6E6	223.2E6	44.307	45.962

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082725\
Data File : PL096978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2025 16:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

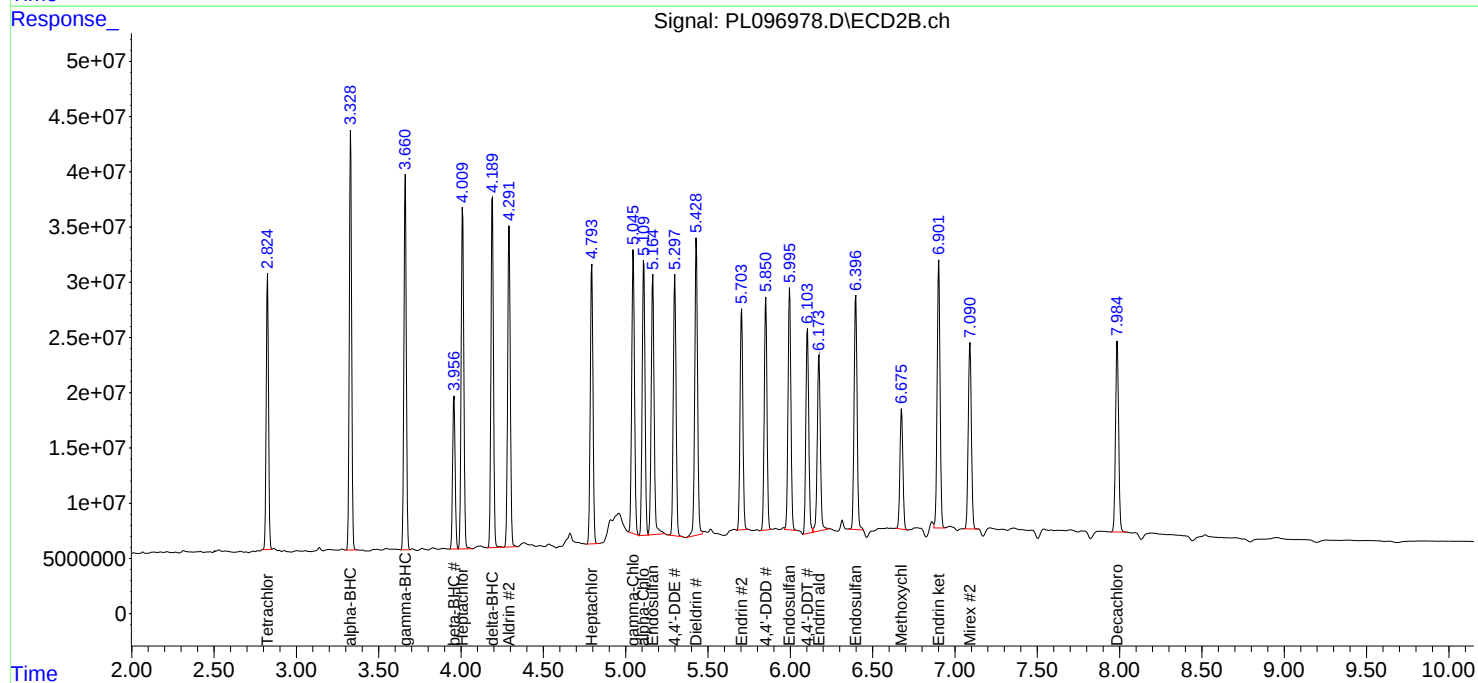
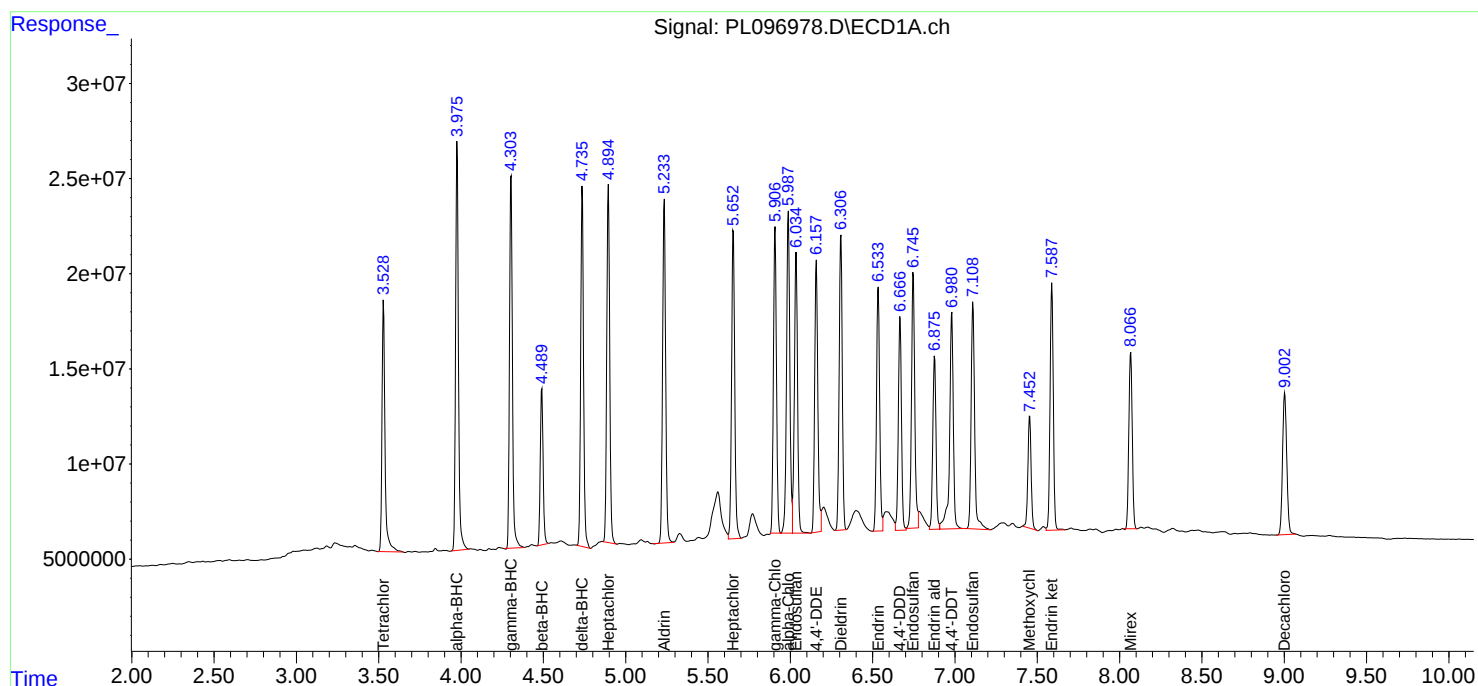
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

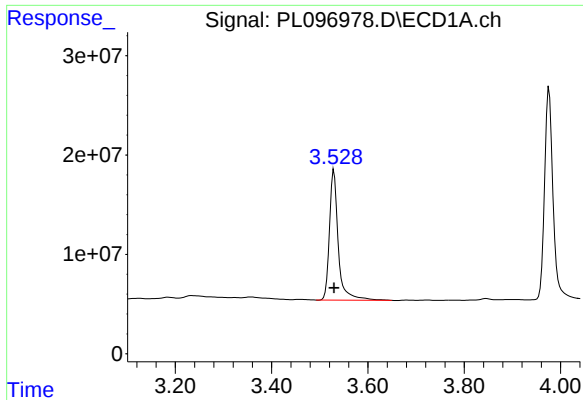
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 08/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 01:32:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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





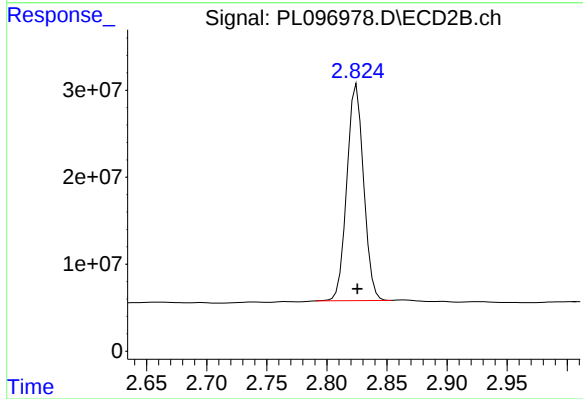
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: 0.000 min
Response: 167508507
Conc: 42.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

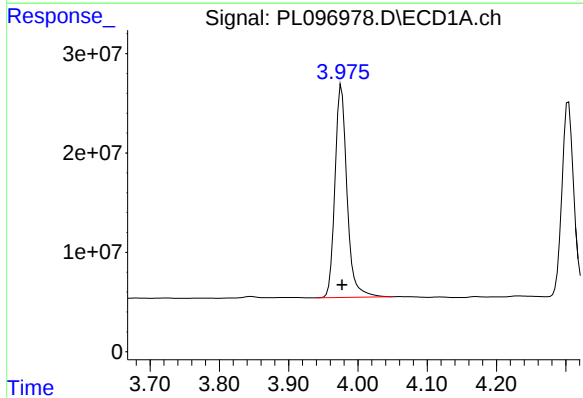
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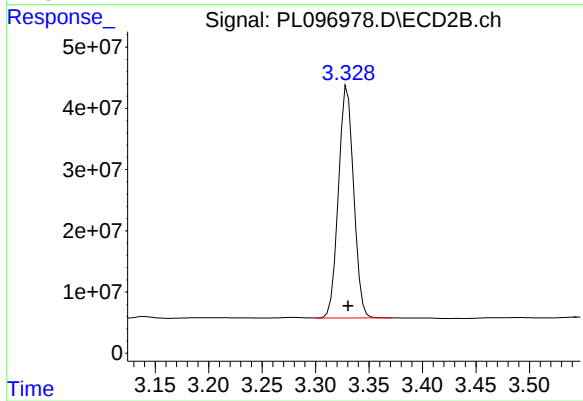
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.000 min
Response: 241830819
Conc: 42.90 ng/ml



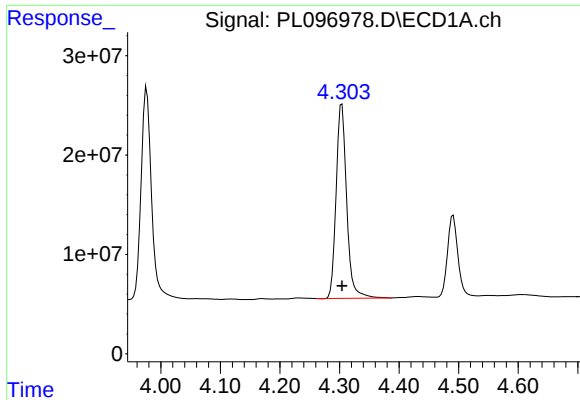
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 258368689
Conc: 44.59 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 374838667
Conc: 45.65 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 241039080
Conc: 44.13 ng/ml

Instrument :

ECD_L

ClientSampleId :

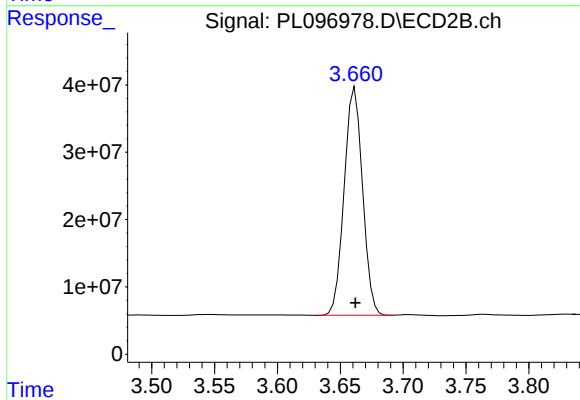
PSTDCCC050

Manual Integrations

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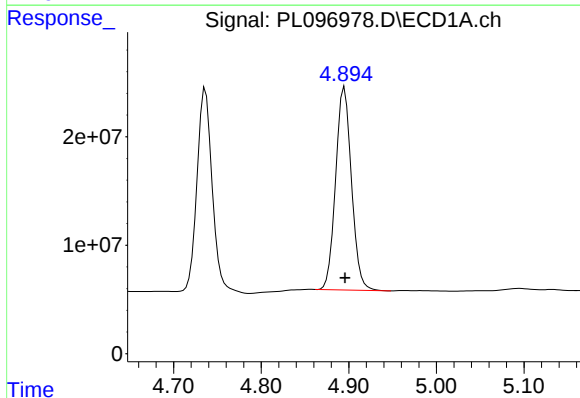
Reviewed By :Abdul Mirza 08/27/2025

Supervised By :mohammad ahmed 08/28/2025



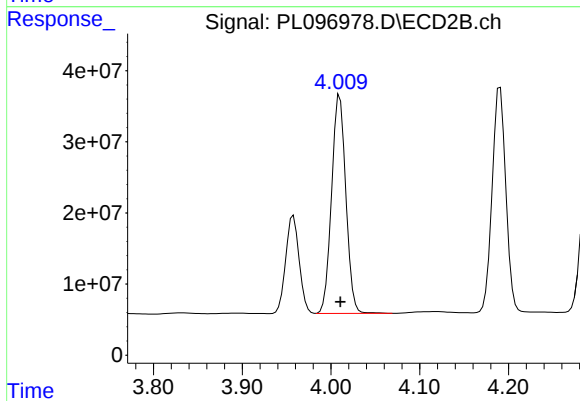
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 344643024
Conc: 46.79 ng/ml



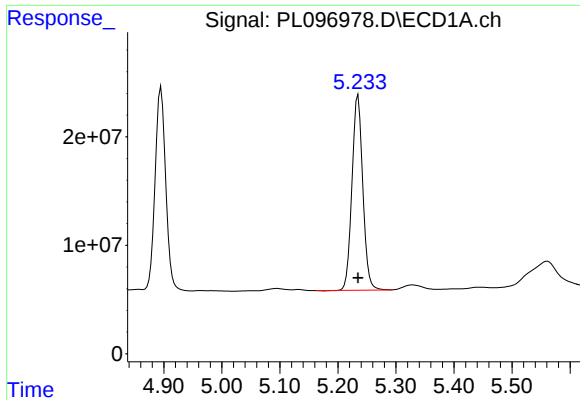
#4 Heptachlor

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 235400594
Conc: 44.15 ng/ml



#4 Heptachlor

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 343174479
Conc: 45.61 ng/ml



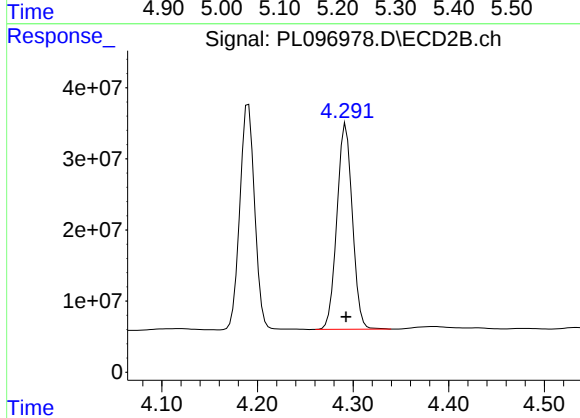
#5 Aldrin

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 232916881
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

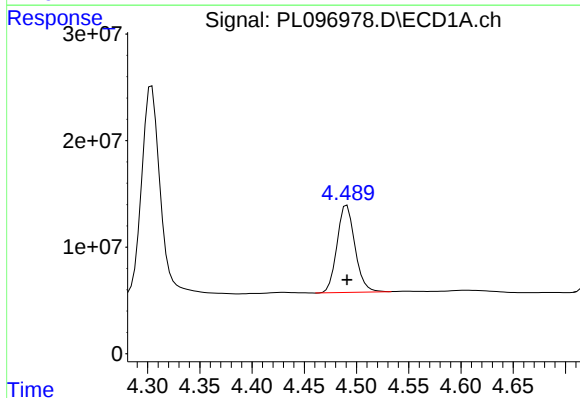
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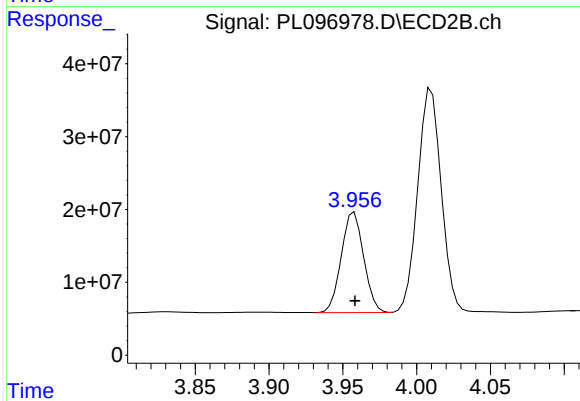
#5 Aldrin

R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 324350641
Conc: 46.12 ng/ml



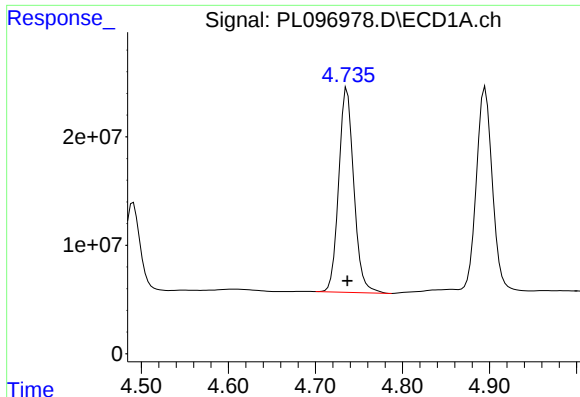
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 97643023
Conc: 42.69 ng/ml



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 145629038
Conc: 44.64 ng/ml



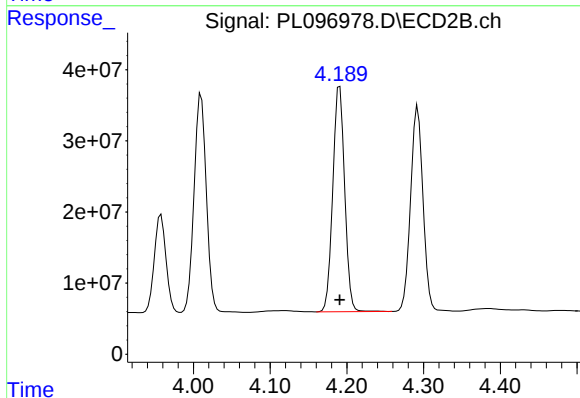
#7 delta-BHC

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 227461814
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

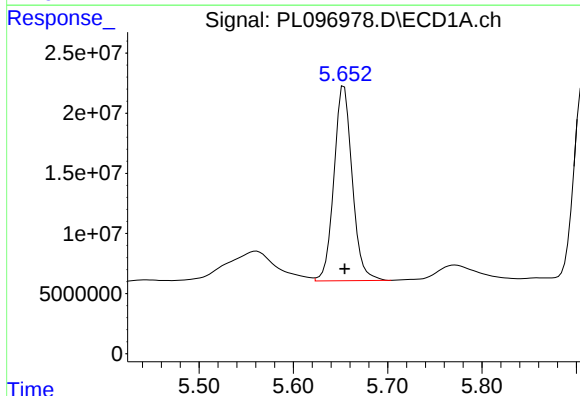
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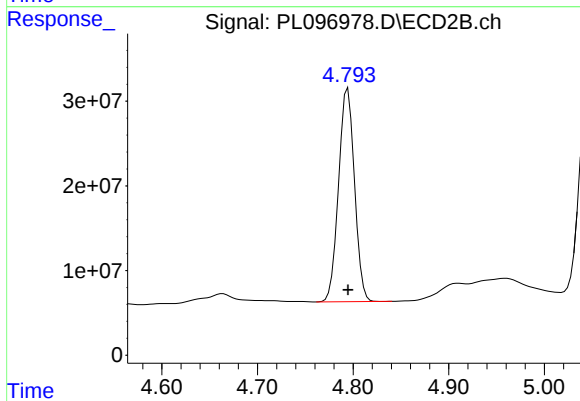
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: 0.000 min
Response: 340952611
Conc: 46.40 ng/ml



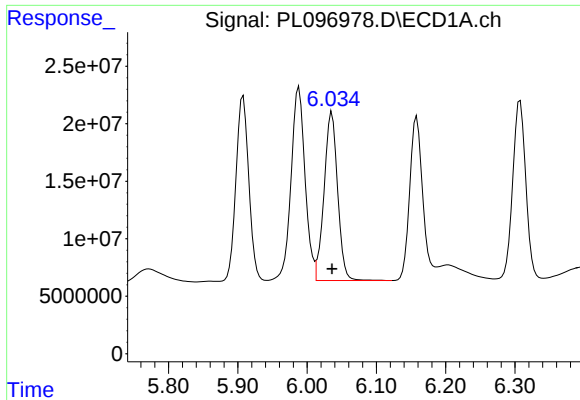
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 218191943
Conc: 42.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 292187075
Conc: 46.20 ng/ml



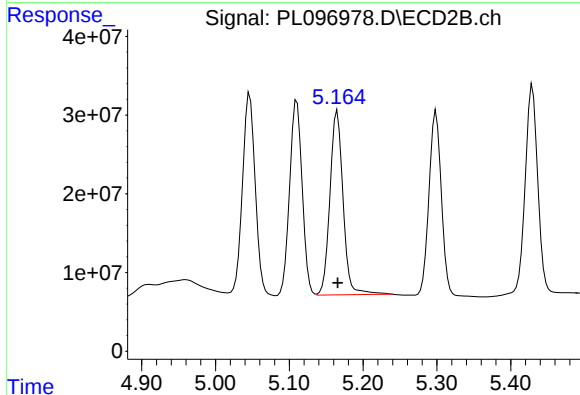
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 199403988
Conc: 46.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

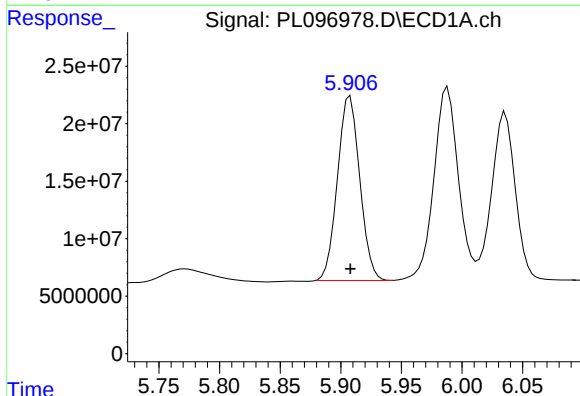
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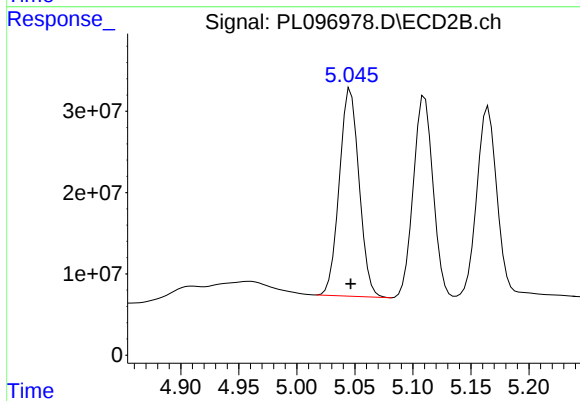
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 289143303
Conc: 48.26 ng/ml



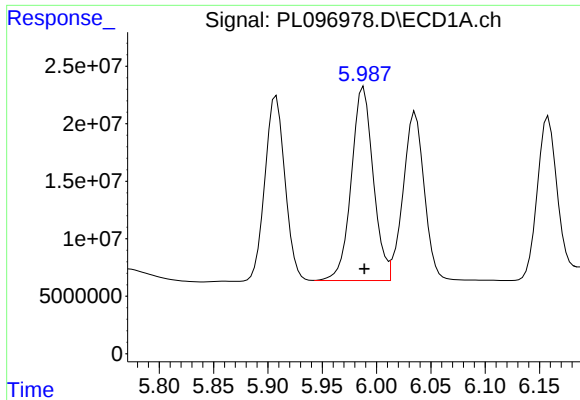
#10 gamma-Chlordane

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 205375140
Conc: 44.59 ng/ml



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 303305928
Conc: 45.88 ng/ml



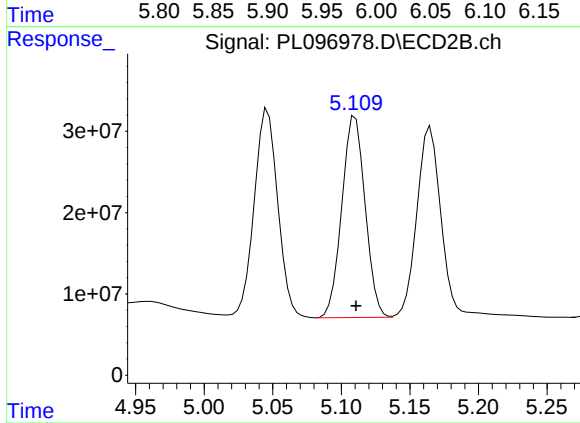
#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 236512764
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

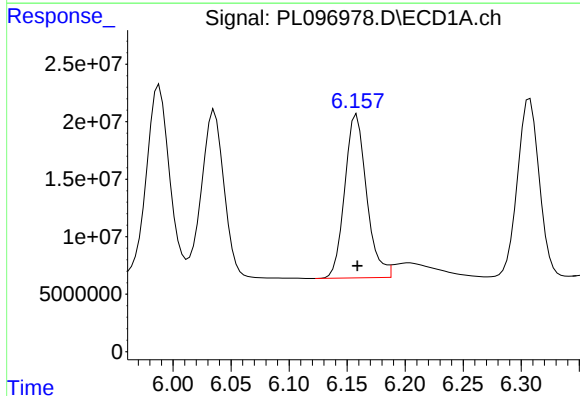
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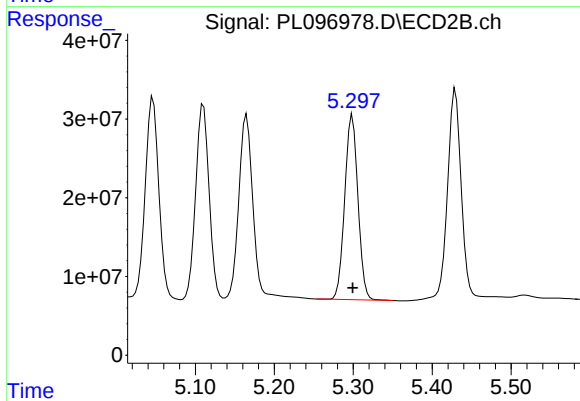
#11 alpha-Chlordane

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 293293571
Conc: 44.92 ng/ml



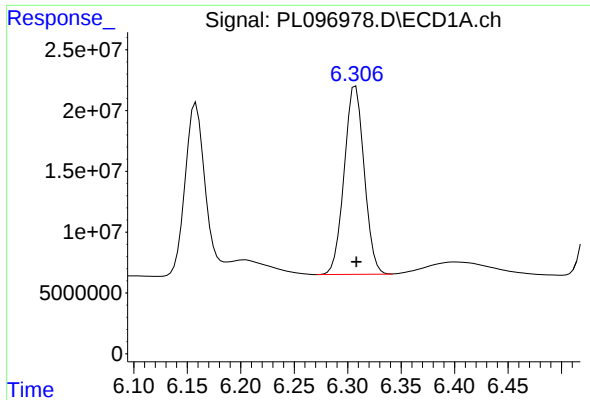
#12 4,4'-DDE

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 186494966
Conc: 46.74 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 273173274
Conc: 44.38 ng/ml



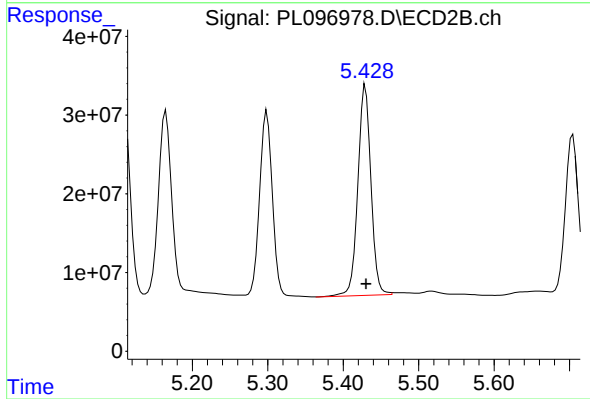
#13 Dieldrin

R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 201818983
Conc: 44.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

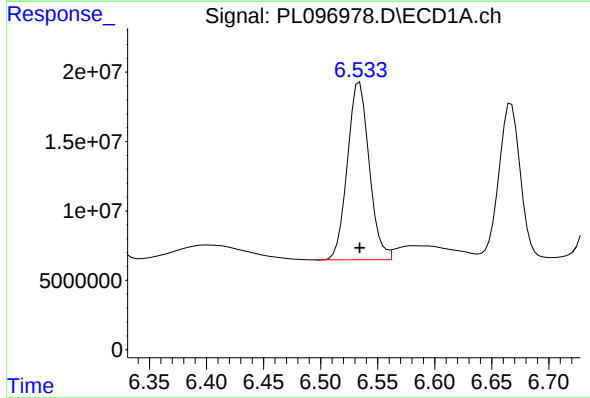
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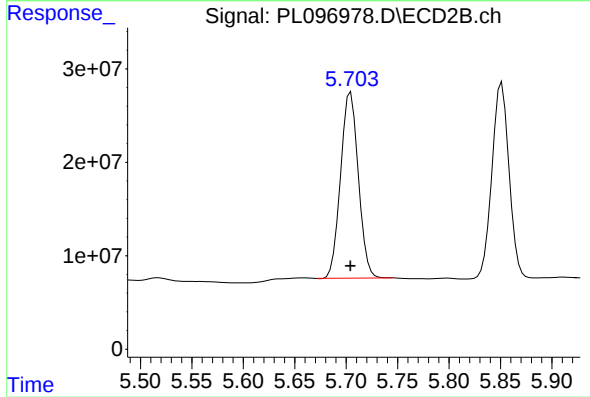
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 322373095
Conc: 49.19 ng/ml m



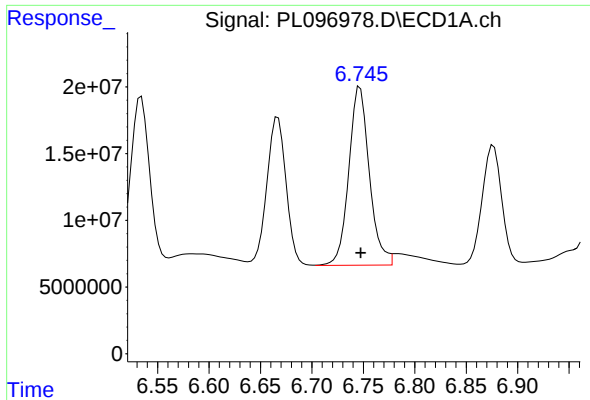
#14 Endrin

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 169861421
Conc: 45.36 ng/ml



#14 Endrin

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 238832203
Conc: 40.43 ng/ml



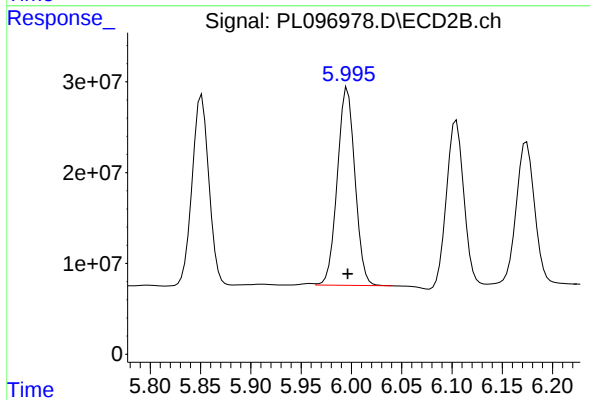
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 188447891
Conc: 42.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

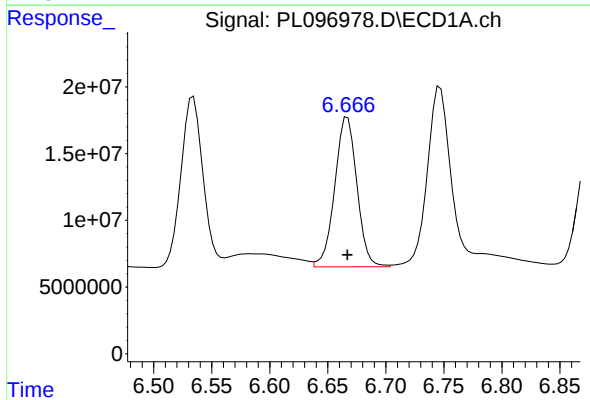
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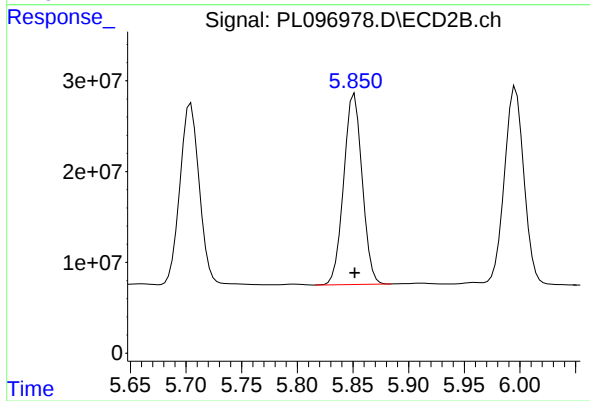
#15 Endosulfan II

R.T.: 5.995 min
Delta R.T.: -0.002 min
Response: 265059934
Conc: 46.35 ng/ml m



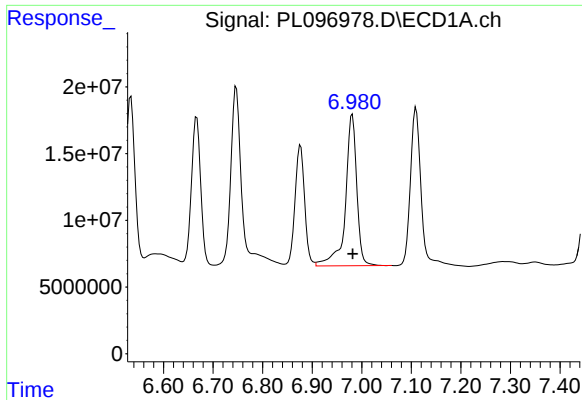
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 149276841
Conc: 47.30 ng/ml



#16 4,4'-DDD

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 242295546
Conc: 46.40 ng/ml



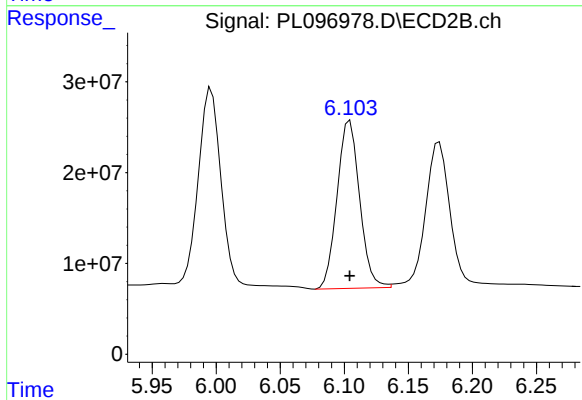
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 180839446
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

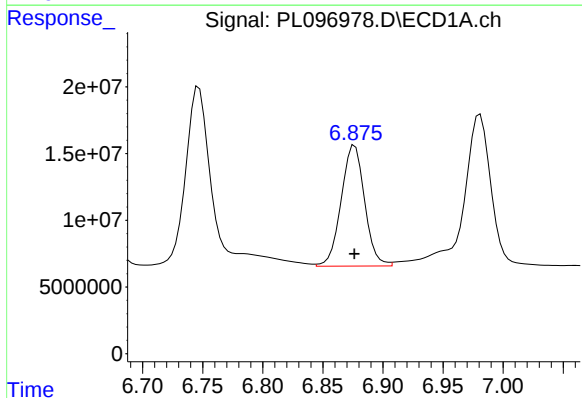
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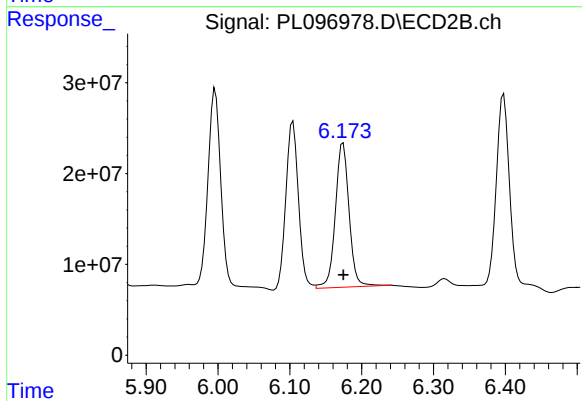
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 225705224
Conc: 41.21 ng/ml



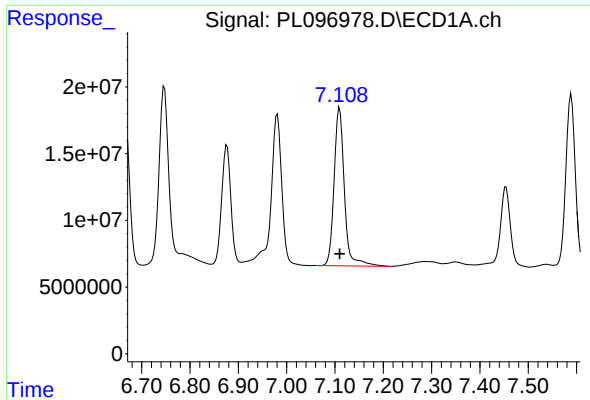
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 123111372
Conc: 47.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 210554449
Conc: 50.71 ng/ml



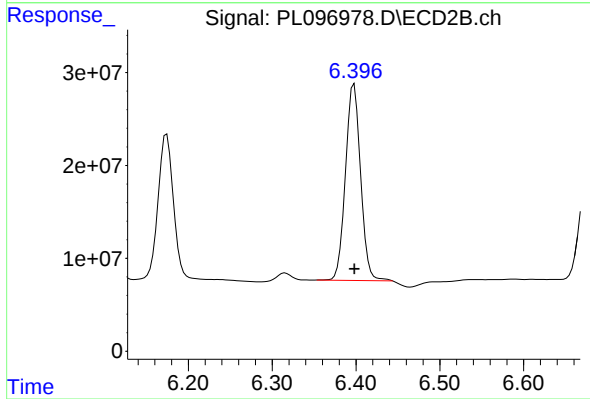
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 176568521
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

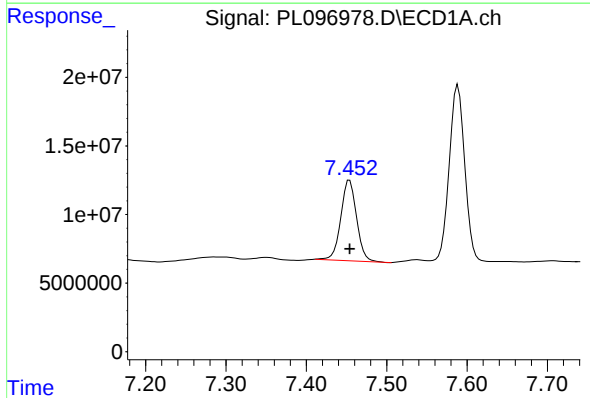
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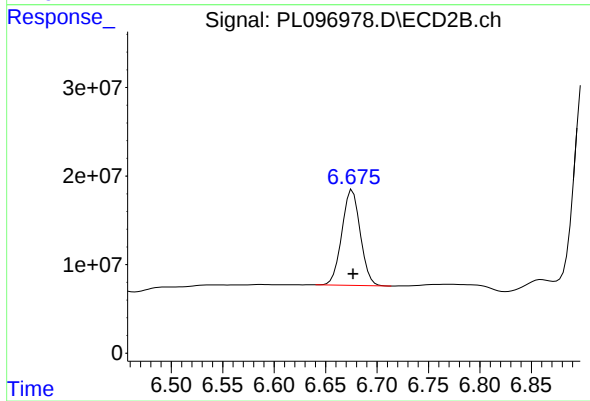
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 265878559
Conc: 47.45 ng/ml



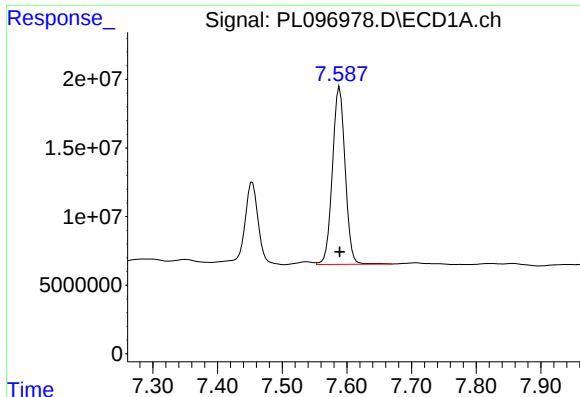
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 80268101
Conc: 46.25 ng/ml



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 134777263
Conc: 44.93 ng/ml



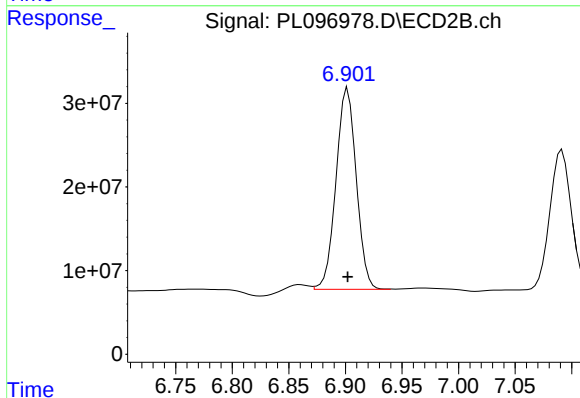
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 176246120
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

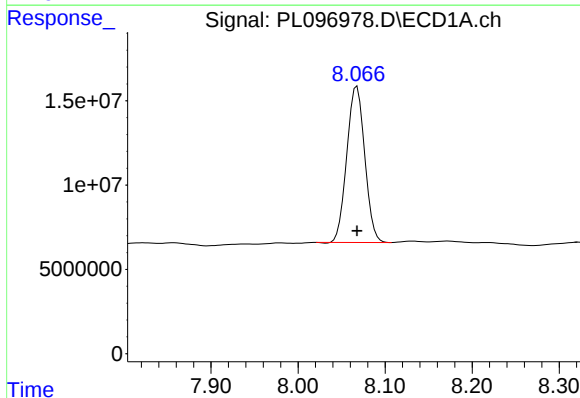
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/27/2025
Supervised By :mohammad ahmed 08/28/2025



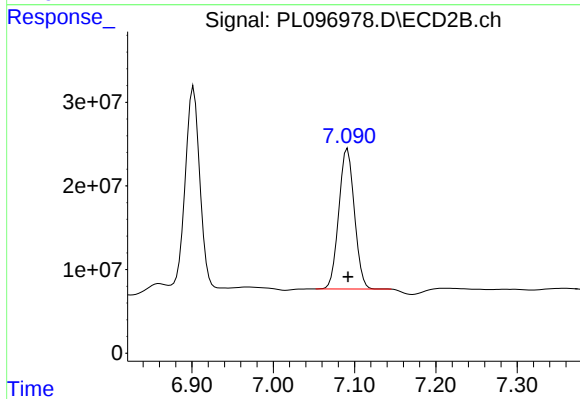
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.001 min
Response: 299665480
Conc: 47.88 ng/ml m



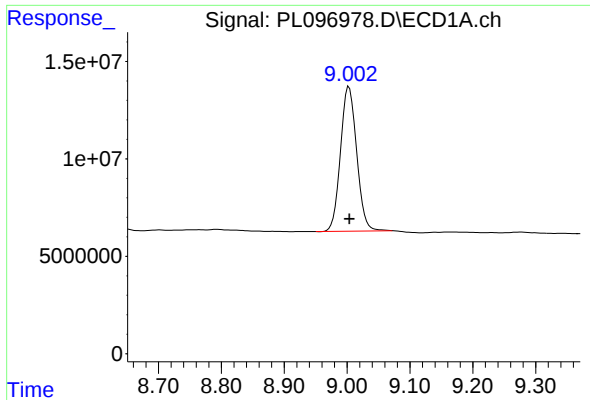
#22 Mirex

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 132562938
Conc: 44.31 ng/ml



#22 Mirex

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 223216308
Conc: 45.96 ng/ml



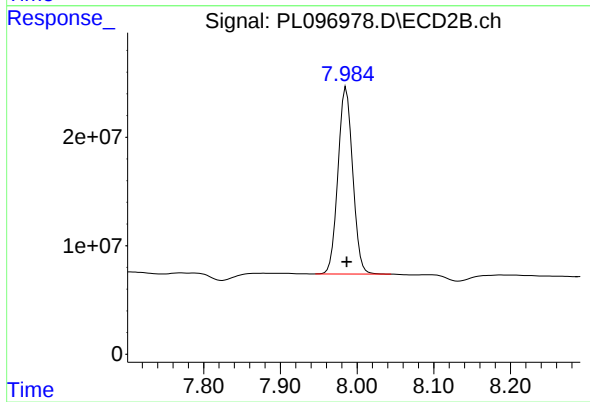
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: 0.000 min
Response: 132679859
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 230031758
Conc: 47.97 ng/ml