

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
 Data File : PL096328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 20:58
 Operator : AR\AJ
 Sample : Q2489-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 G4(0-6)MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 02:38:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.538	2.829	71115624	100.5E6	19.489	17.409
28)	SA Decachlor...	9.020	7.995	55130813	88182896	19.598	17.684
Target Compounds							
2)	A alpha-BHC	3.985	3.335	268.7E6	381.7E6	52.236	45.252
3)	MA gamma-BHC...	4.312	3.667	260.4E6	353.0E6	52.285m	44.820
4)	MA Heptachlor	4.906	4.016	231.7E6	318.6E6	50.569	41.884
5)	MB Aldrin	5.246	4.300	231.9E6	306.0E6	47.984	41.947
6)	B beta-BHC	4.499	3.963	105.3E6	149.1E6	50.656	43.533
7)	B delta-BHC	4.746	4.197	242.2E6	346.7E6	54.056	45.020
8)	B Heptachlo...	5.666	4.802	221.9E6	294.4E6	53.484	44.041
9)	A Endosulfan I	6.047	5.173	207.8E6	276.7E6	51.477	38.573 #
10)	B gamma-Chl...	5.919	5.054	221.6E6	307.2E6	50.079	43.759
11)	B alpha-Chl...	5.999	5.118	221.0E6	303.9E6	50.475	40.408
12)	B 4,4'-DDE	6.170	5.307	188.7E6	284.5E6	50.907	44.015
13)	MA Dieldrin	6.319	5.437	217.2E6	306.1E6	51.357	44.887
14)	MA Endrin	6.545	5.712	171.4E6	264.3E6	55.108	43.360
15)	B Endosulfa...	6.758	6.004	178.4E6	265.7E6	51.405	45.306
16)	A 4,4'-DDD	6.678	5.859	158.0E6	249.8E6	54.251	48.711
17)	MA 4,4'-DDT	6.993	6.112	153.2E6	235.5E6	50.464	41.066
18)	B Endrin al...	6.886	6.182	132.6E6	199.7E6	59.331	44.830
19)	B Endosulfa...	7.120	6.405	162.5E6	251.8E6	53.120	44.777
20)	A Methoxychlor	7.463	6.684	77639188	126.4E6	49.282m	41.594
21)	B Endrin ke...	7.600	6.910	175.8E6	287.7E6	53.236	46.021
22)	Mirex	8.079	7.100	137.7E6	216.5E6	49.497	43.573

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 20:58
Operator : AR\AJ
Sample : Q2489-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

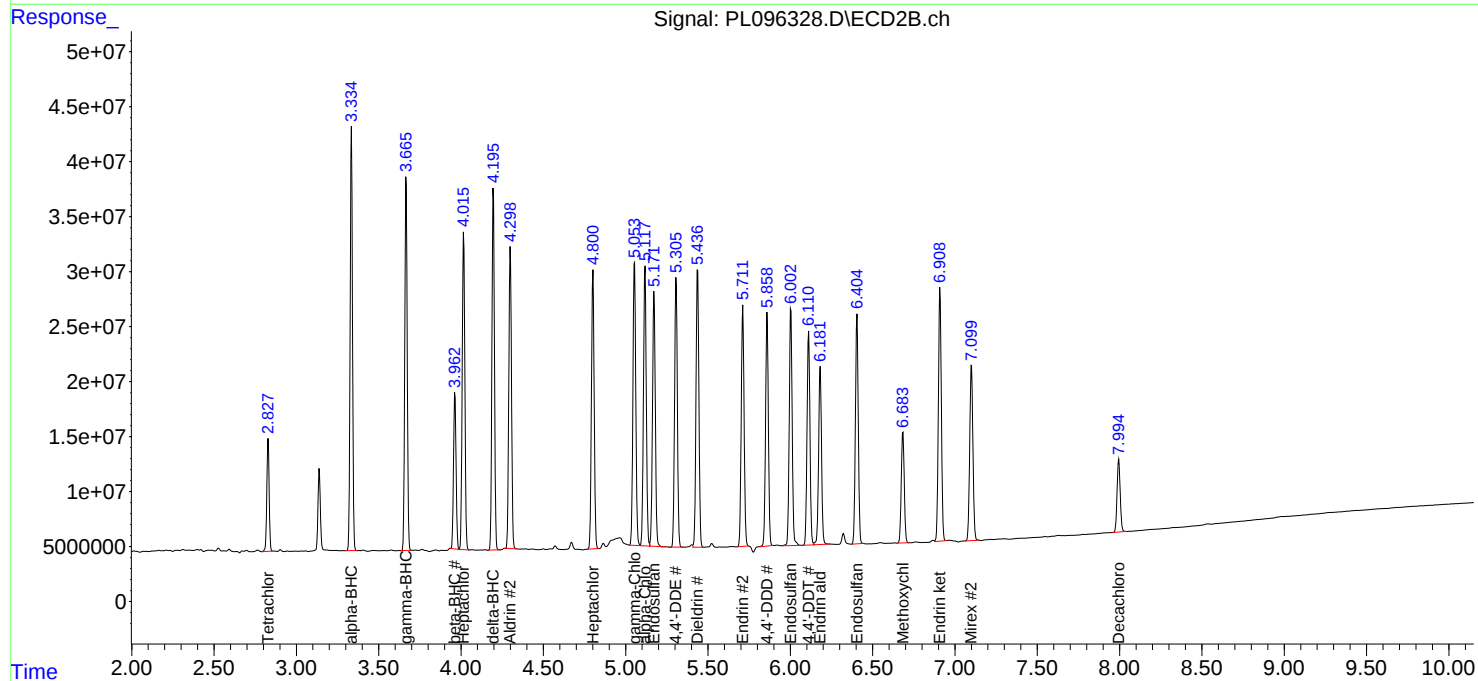
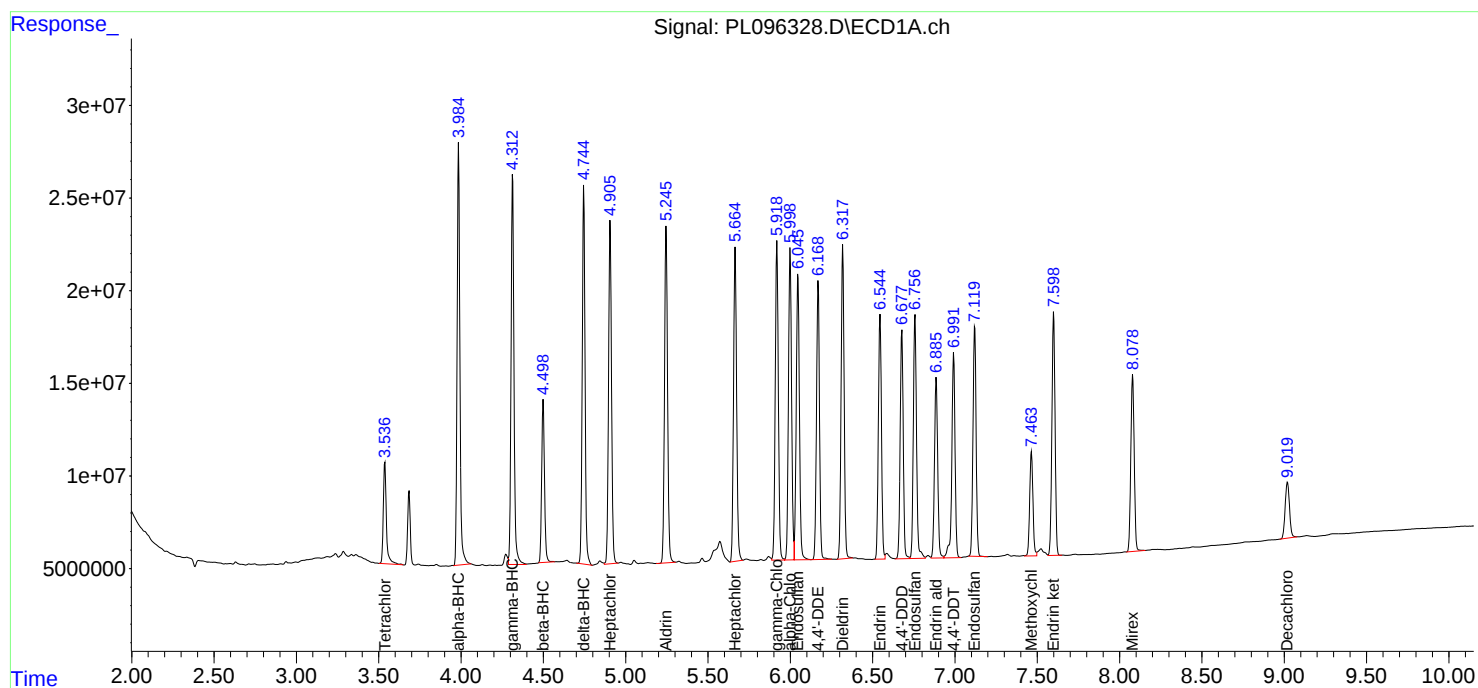
Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

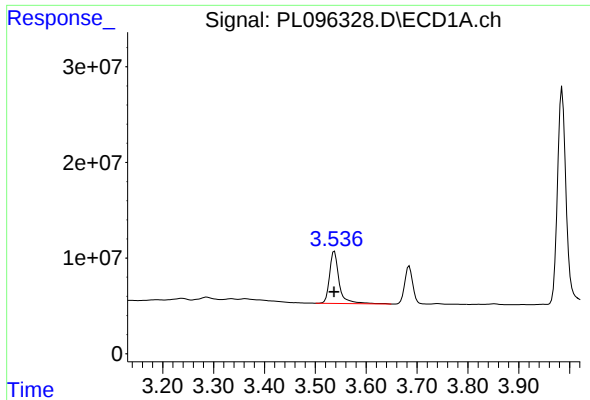
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 02:38:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
Response via : Initial Calibration
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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





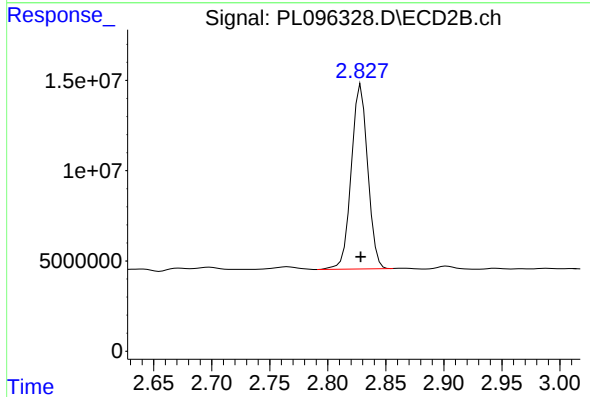
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 71115624
Conc: 19.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

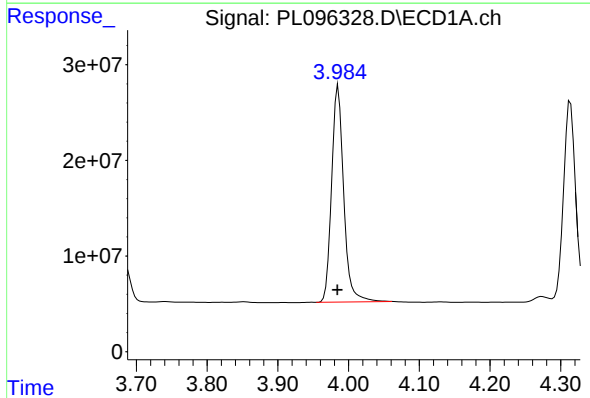
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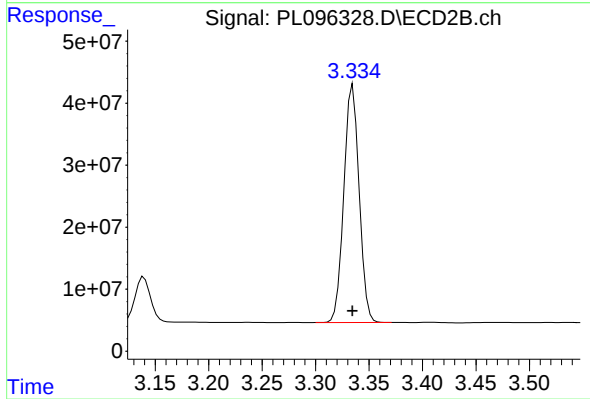
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 100469065
Conc: 17.41 ng/ml



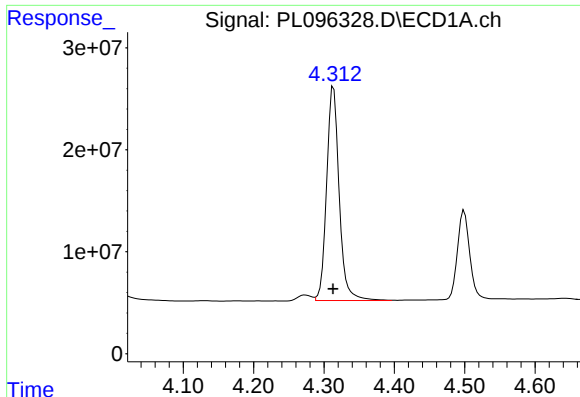
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.001 min
Response: 268657729
Conc: 52.24 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 381669992
Conc: 45.25 ng/ml



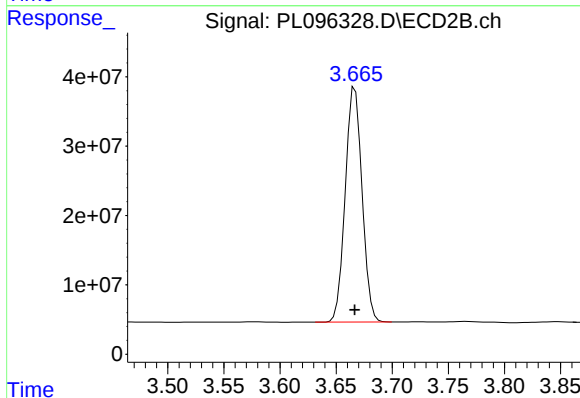
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 260358555
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

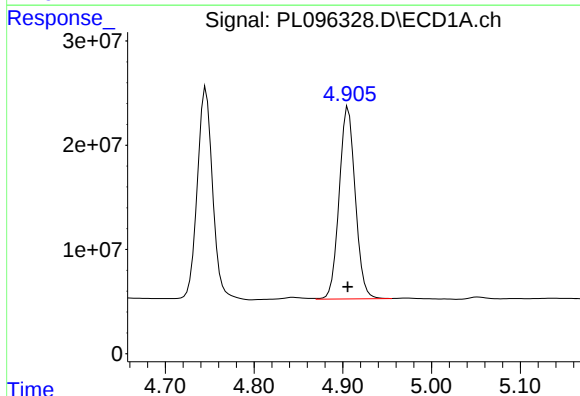
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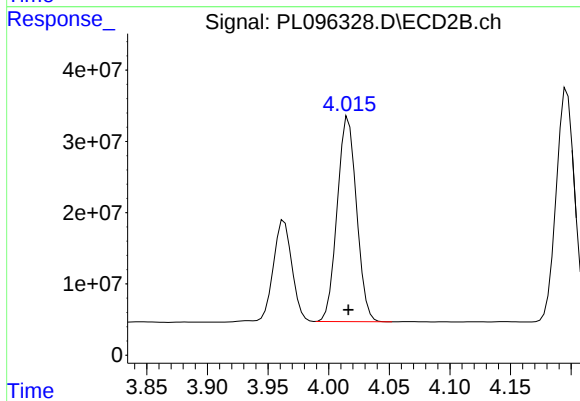
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 352997183
Conc: 44.82 ng/ml



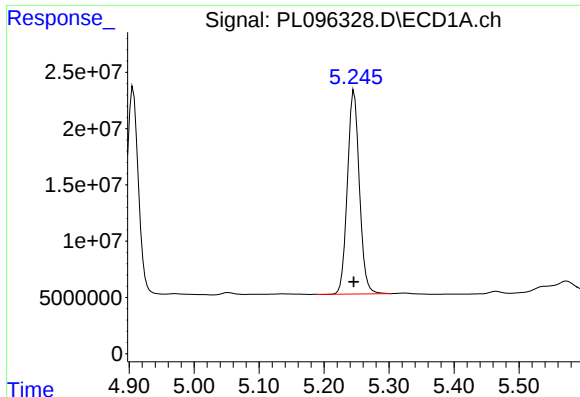
#4 Heptachlor

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 231668657
Conc: 50.57 ng/ml



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 318643076
Conc: 41.88 ng/ml



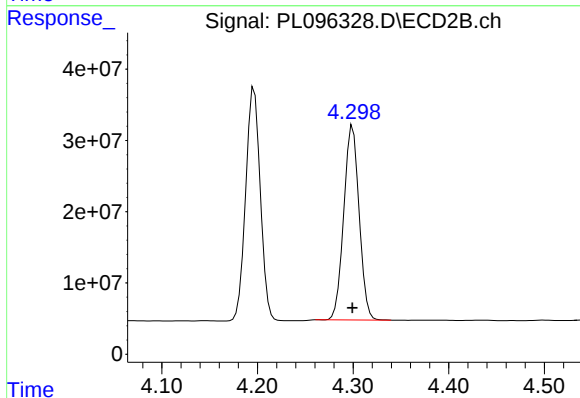
#5 Aldrin

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 231942281
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

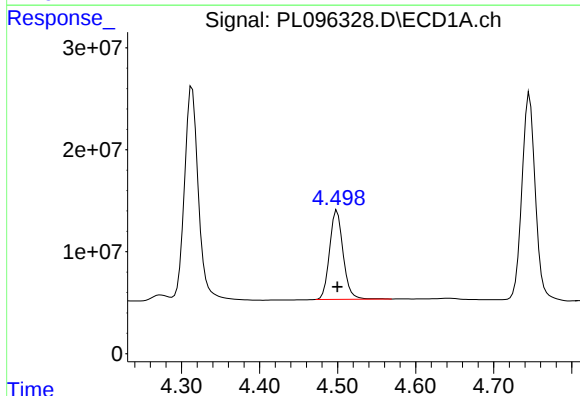
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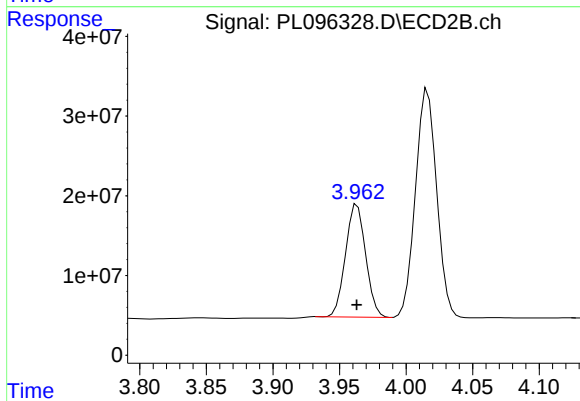
#5 Aldrin

R.T.: 4.300 min
Delta R.T.: 0.000 min
Response: 306029979
Conc: 41.95 ng/ml



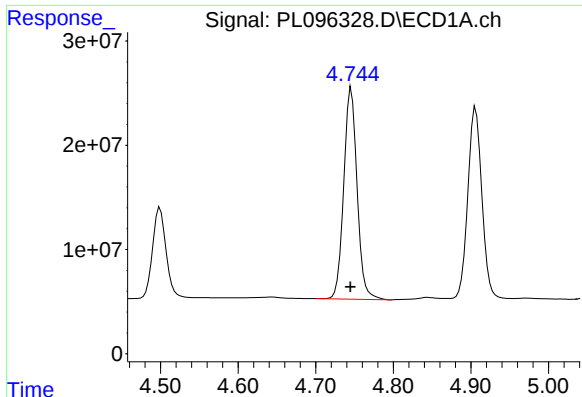
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 105303611
Conc: 50.66 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 149051709
Conc: 43.53 ng/ml



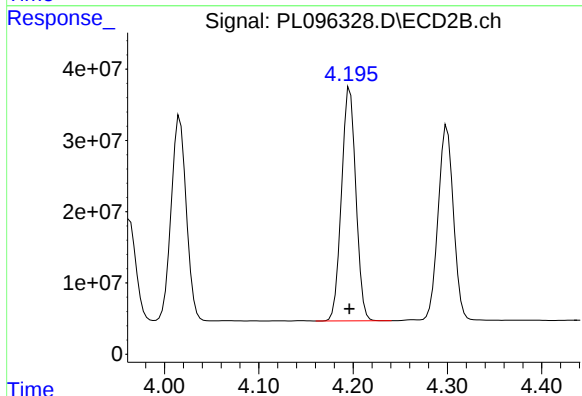
#7 delta-BHC

R.T.: 4.746 min
Delta R.T.: 0.001 min
Response: 242241108
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

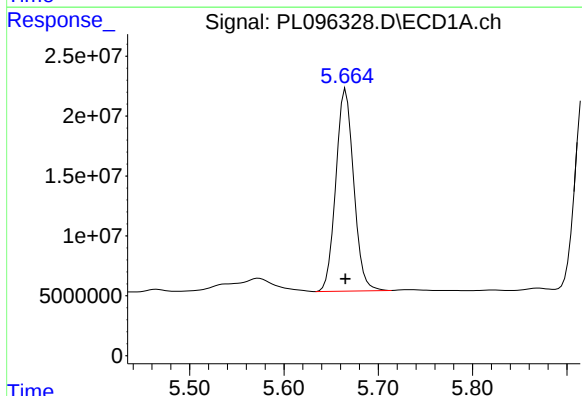
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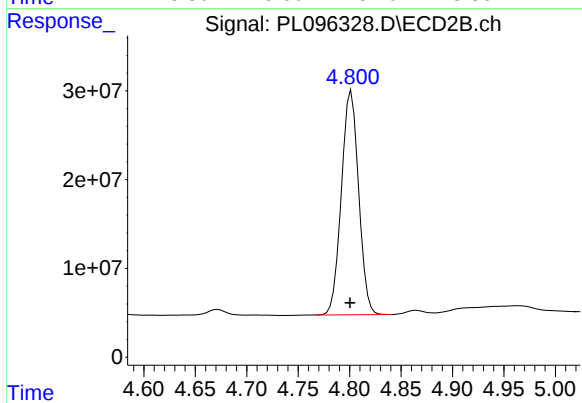
#7 delta-BHC

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 346740880
Conc: 45.02 ng/ml



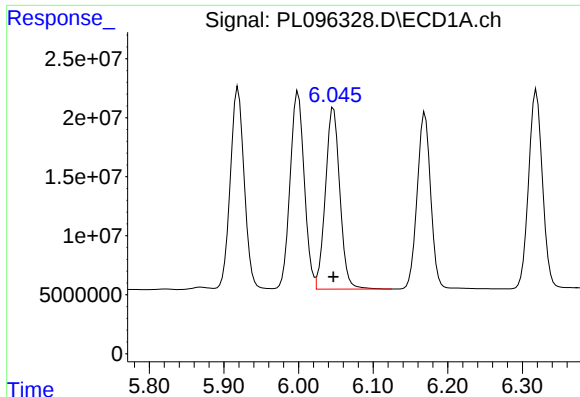
#8 Heptachlor epoxide

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 221913031
Conc: 53.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.802 min
Delta R.T.: 0.001 min
Response: 294407996
Conc: 44.04 ng/ml



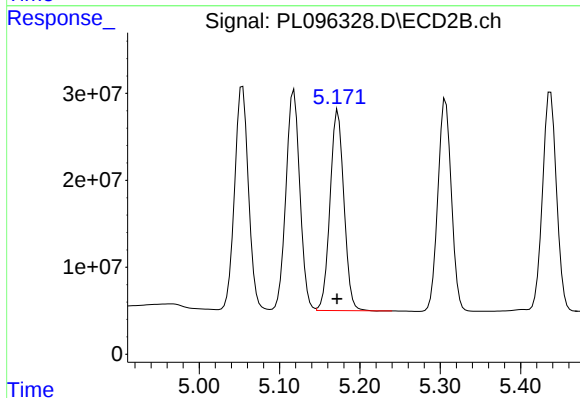
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 207825346
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

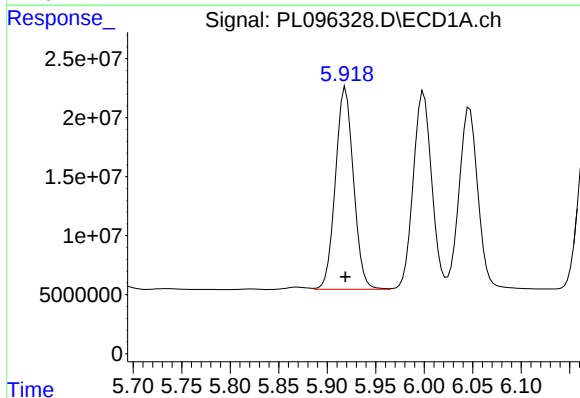
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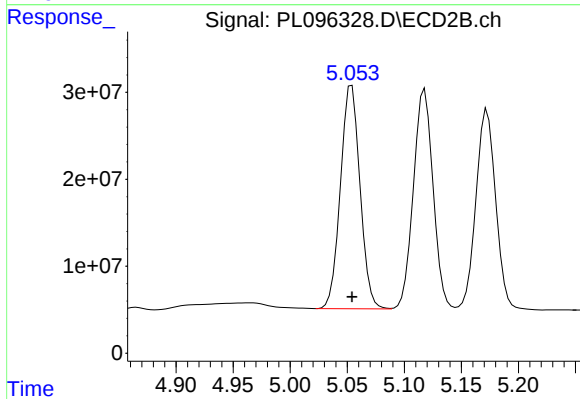
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 276730665
Conc: 38.57 ng/ml



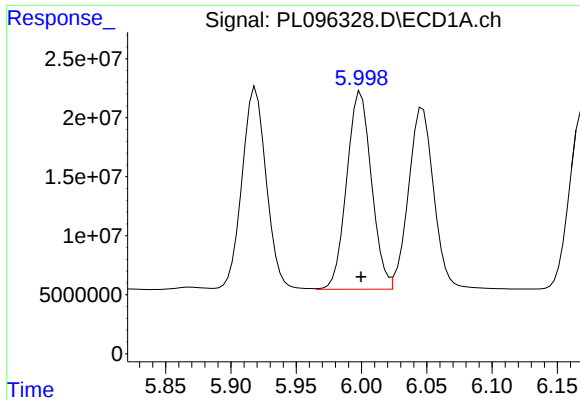
#10 gamma-Chlordane

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 221589254
Conc: 50.08 ng/ml



#10 gamma-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 307174017
Conc: 43.76 ng/ml



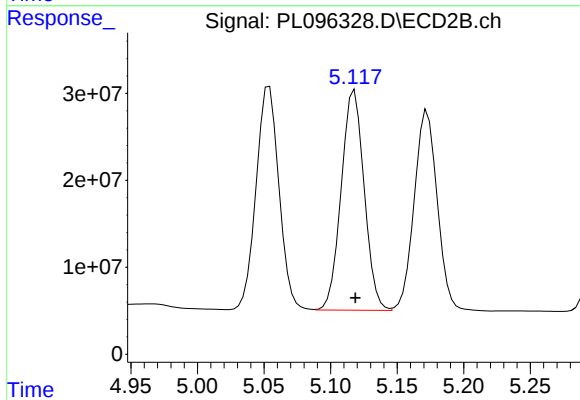
#11 alpha-Chlordane

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 221022508
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

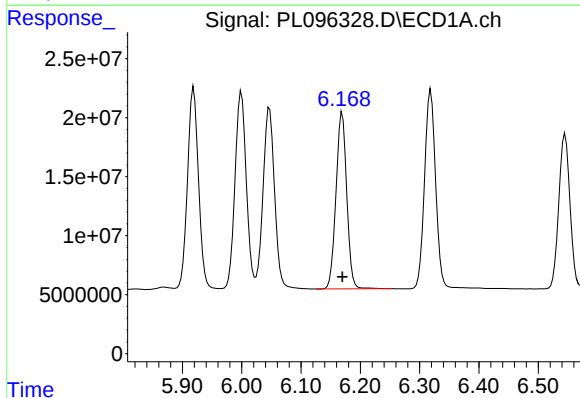
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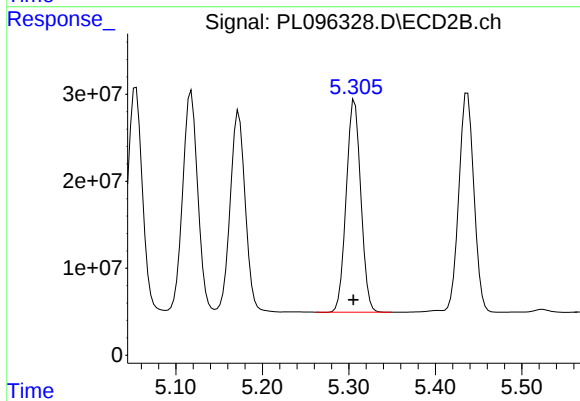
#11 alpha-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 303878406
Conc: 40.41 ng/ml



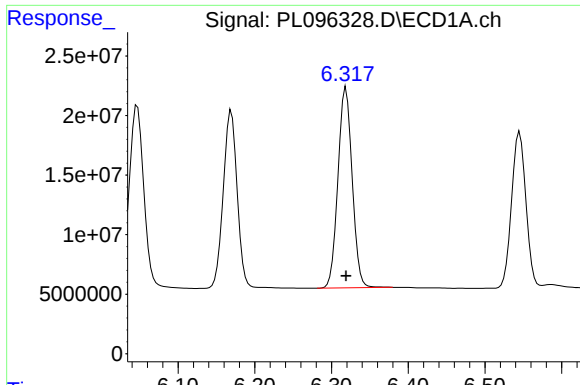
#12 4,4'-DDE

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 188736839
Conc: 50.91 ng/ml



#12 4,4'-DDE

R.T.: 5.307 min
Delta R.T.: 0.001 min
Response: 284496647
Conc: 44.01 ng/ml



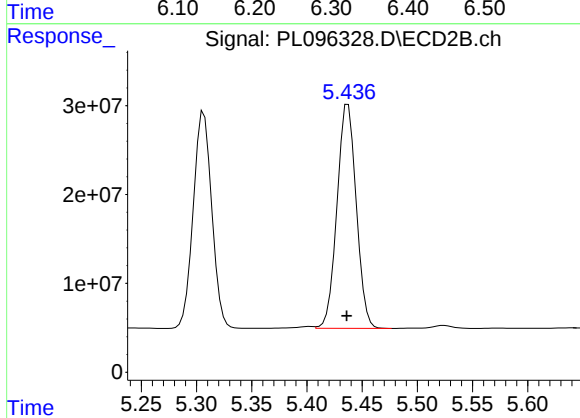
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 217159617
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

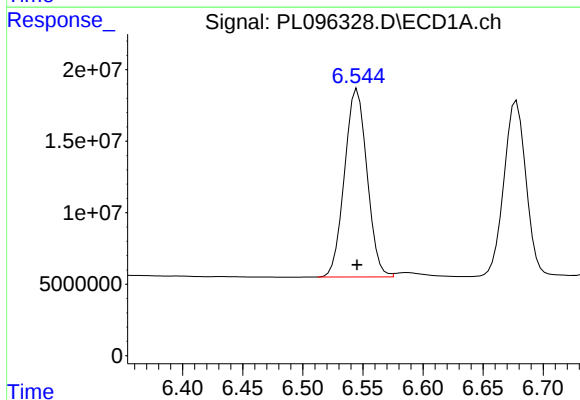
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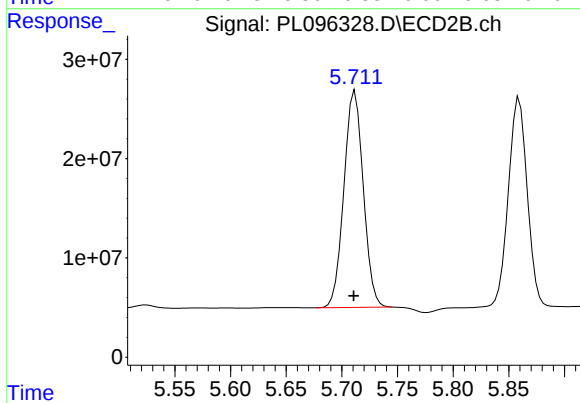
#13 Dieldrin

R.T.: 5.437 min
Delta R.T.: 0.001 min
Response: 306097213
Conc: 44.89 ng/ml



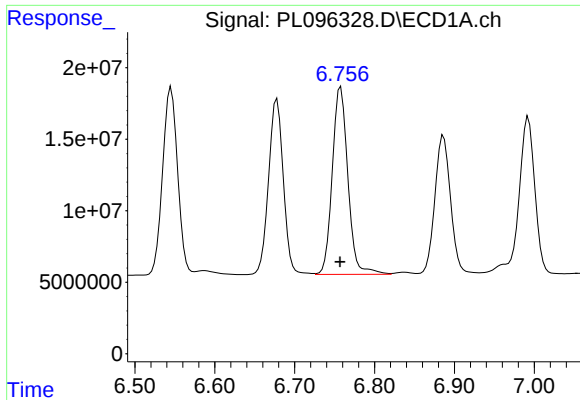
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 171397587
Conc: 55.11 ng/ml



#14 Endrin

R.T.: 5.712 min
Delta R.T.: 0.001 min
Response: 264344878
Conc: 43.36 ng/ml



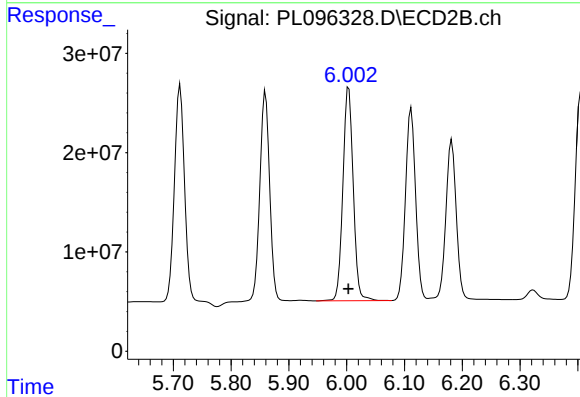
#15 Endosulfan II

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 178377879
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

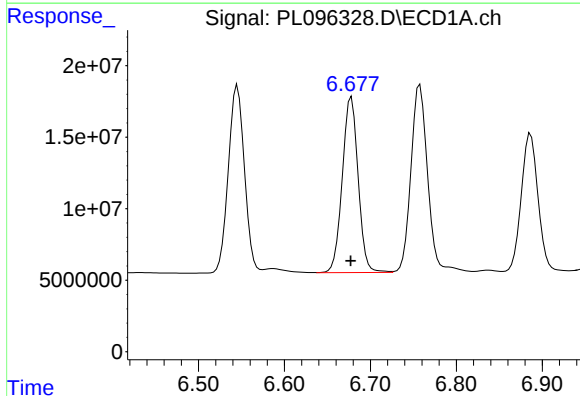
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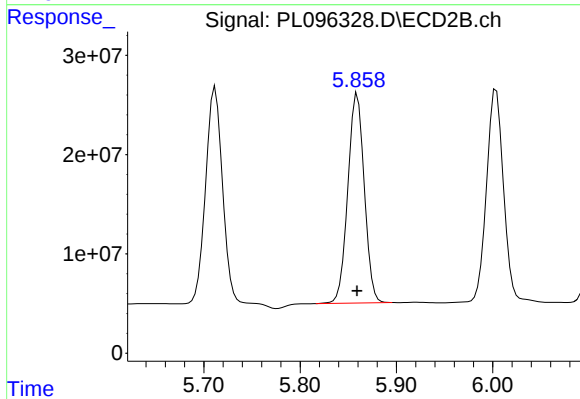
#15 Endosulfan II

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 265668592
Conc: 45.31 ng/ml



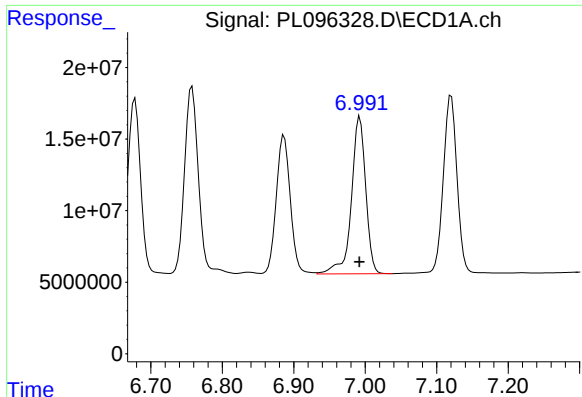
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 157963413
Conc: 54.25 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 249824427
Conc: 48.71 ng/ml



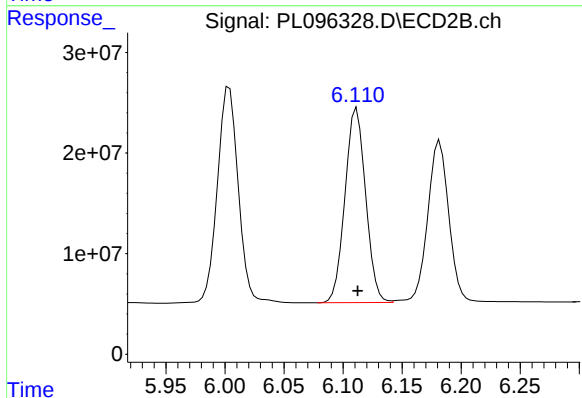
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 153169064
Conc: 50.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

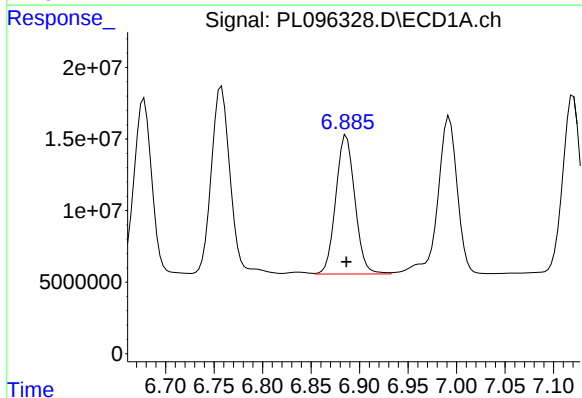
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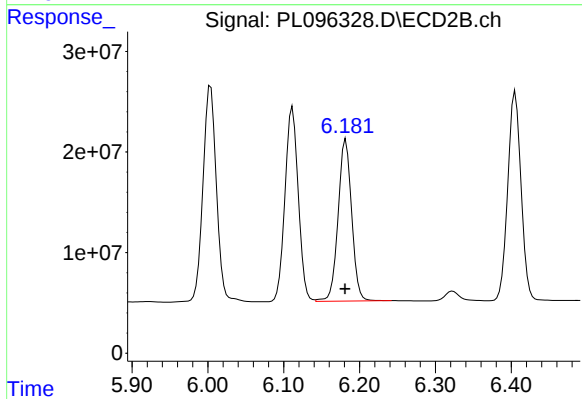
#17 4,4'-DDT

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 235517526
Conc: 41.07 ng/ml



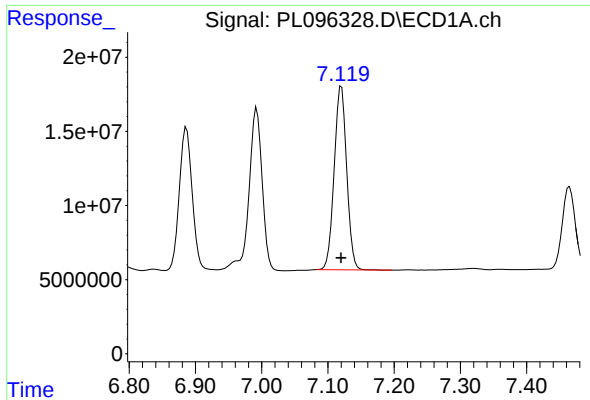
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 132637339
Conc: 59.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.182 min
Delta R.T.: 0.001 min
Response: 199700389
Conc: 44.83 ng/ml



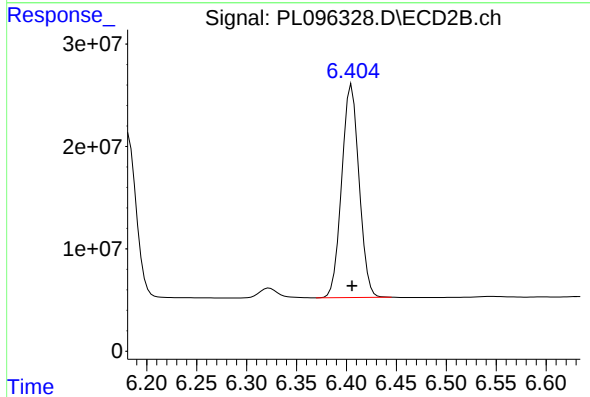
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 162484352
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

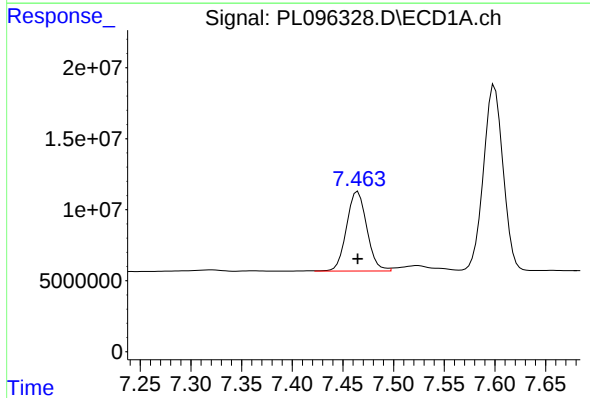
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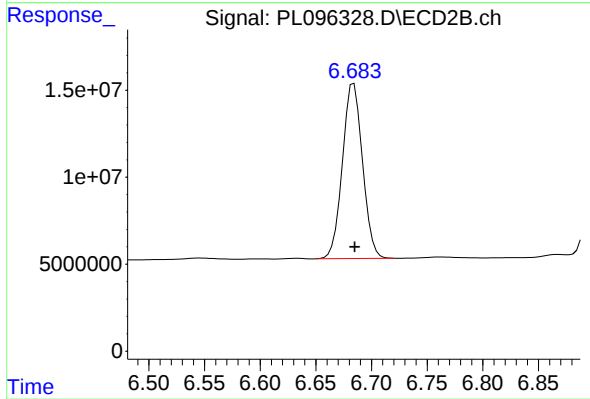
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 251842752
Conc: 44.78 ng/ml



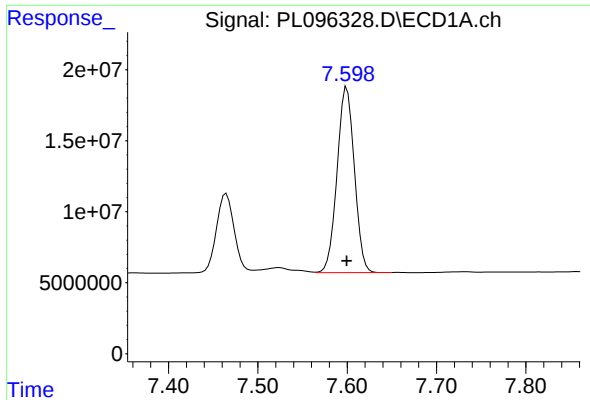
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 77639188
Conc: 49.28 ng/ml m



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 126351700
Conc: 41.59 ng/ml



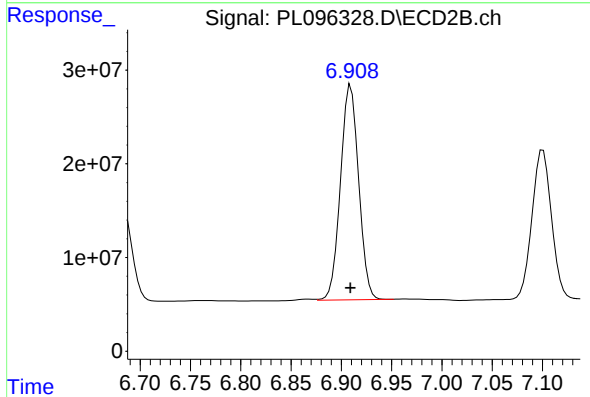
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 175764935
Conc: 53.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

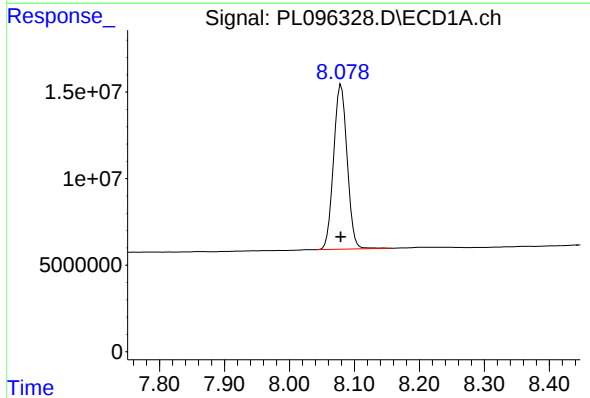
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



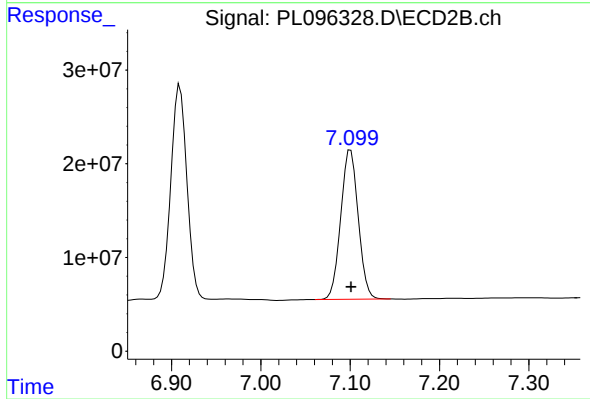
#21 Endrin ketone

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 287732728
Conc: 46.02 ng/ml



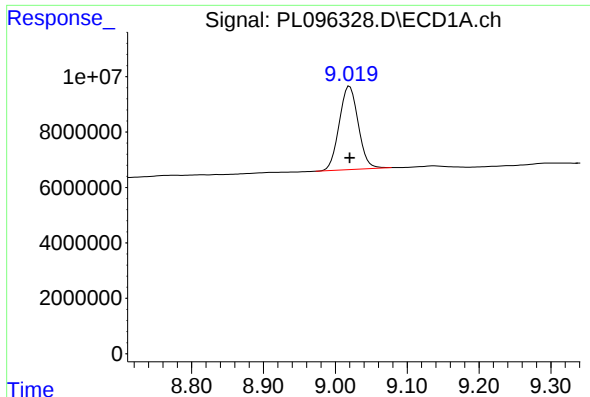
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 137712237
Conc: 49.50 ng/ml



#22 Mirex

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 216481088
Conc: 43.57 ng/ml



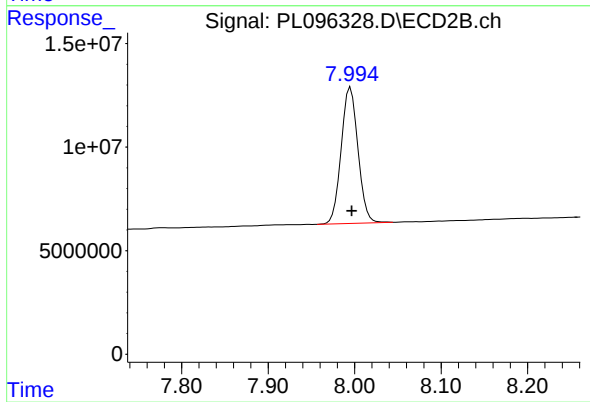
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 55130813
Conc: 19.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.001 min
Response: 88182896
Conc: 17.68 ng/ml