

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070425\
 Data File : PD089328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2025 09:46
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 04 02:17:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.881	158.7E6	971.8E6	55.633	57.326
2)	SA Decachlor...	9.073	8.072	184.3E6	878.8E6	46.924	44.451
Target Compounds							
2)	A alpha-BHC	4.000	3.393	328.4E6	1495.5E6	56.340	55.809
3)	MA gamma-BHC...	4.331	3.728	312.1E6	1343.7E6	55.916	54.276m
4)	MA Heptachlor	4.930	4.082	287.5E6	1262.3E6	52.736	50.416
5)	MB Aldrin	5.271	4.368	295.0E6	1310.9E6	55.520	54.132
6)	B beta-BHC	4.516	4.025	117.9E6	549.1E6	53.431	51.099
7)	B delta-BHC	4.765	4.261	298.1E6	1325.9E6	58.071	53.307
8)	B Heptachlo...	5.691	4.872	256.7E6	1228.7E6	53.216	56.111
9)	A Endosulfan I	6.075	5.246	244.2E6	1106.3E6	54.183	53.078
10)	B gamma-Chl...	5.946	5.123	264.2E6	1253.8E6	55.187	52.409m
11)	B alpha-Chl...	6.027	5.189	262.3E6	1218.3E6	54.214	53.210
12)	B 4,4'-DDE	6.196	5.374	226.7E6	1210.6E6	51.990	52.826
13)	MA Dieldrin	6.347	5.511	259.6E6	1237.2E6	54.113	53.308m
14)	MA Endrin	6.574	5.789	203.6E6	1186.6E6	49.348	54.648
15)	B Endosulfa...	6.786	6.080	207.8E6	1042.1E6	51.485	51.597
16)	A 4,4'-DDD	6.705	5.929	186.5E6	1009.1E6	54.347	52.753
17)	MA 4,4'-DDT	7.021	6.183	166.4E6	906.3E6	43.936	44.691
18)	B Endrin al...	6.915	6.258	152.0E6	764.8E6	49.611	49.948
19)	B Endosulfa...	7.150	6.482	189.6E6	962.3E6	49.419	49.046
20)	A Methoxychlor	7.493	6.754	100.6E6	533.6E6	49.778	49.551
21)	B Endrin ke...	7.630	6.990	201.9E6	1056.2E6	49.575	48.893
22)	Mirex	8.114	7.185	144.4E6	787.7E6	47.482	47.230

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070425\
Data File : PD089328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2025 09:46
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

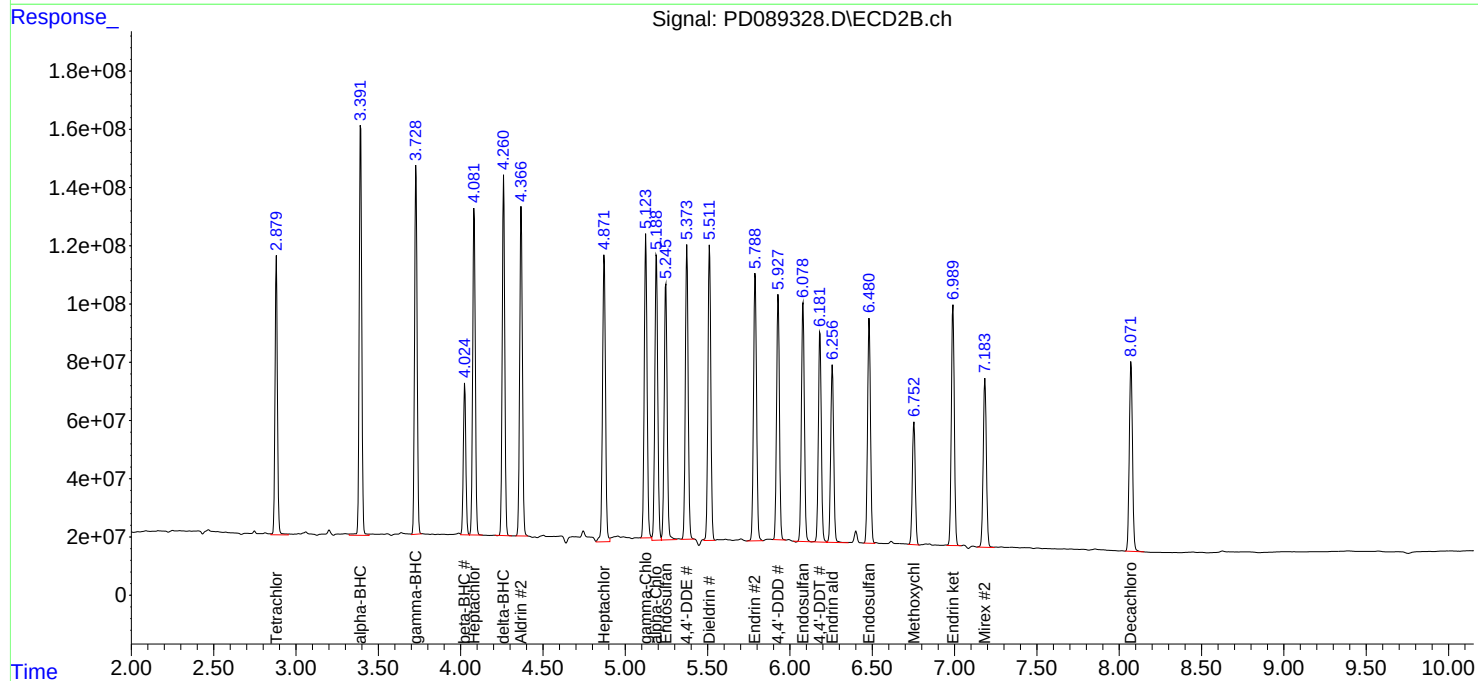
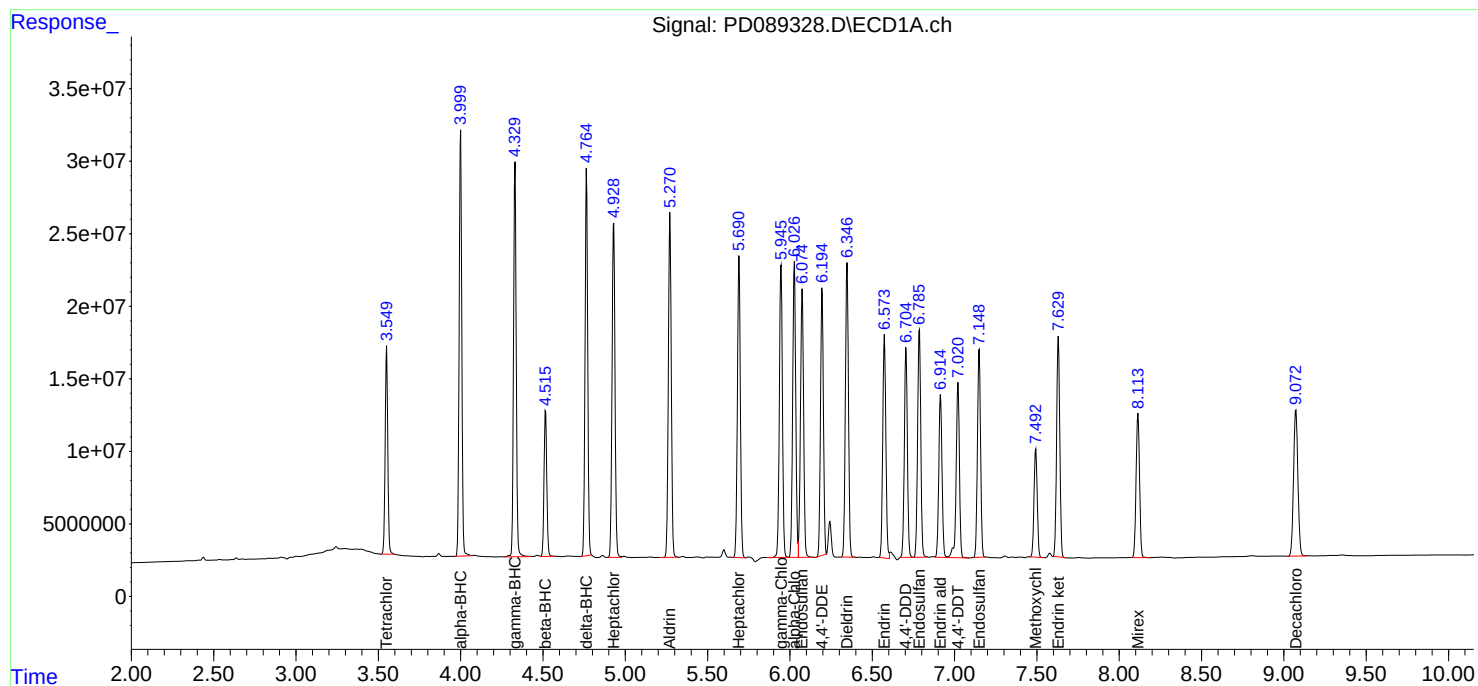
APPROVED

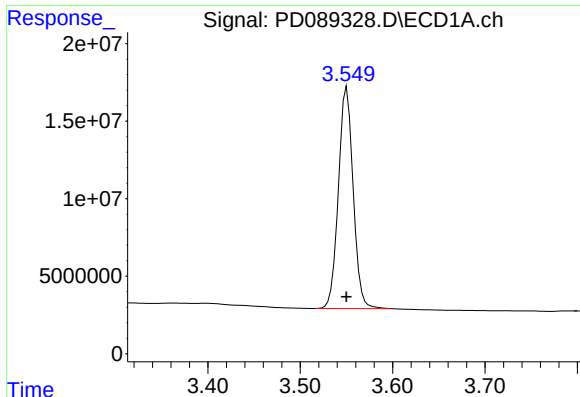
Reviewed By :Abdul Mirza 07/07/2025

Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 04 02:17:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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 x 0.25µm





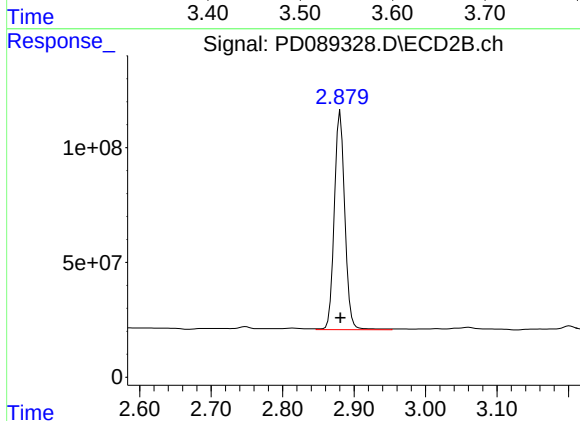
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 158728079
Conc: 55.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

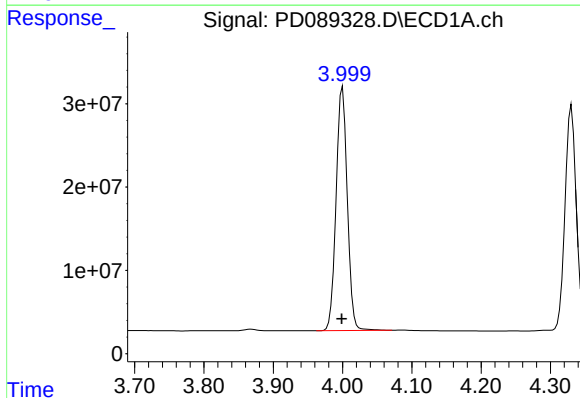
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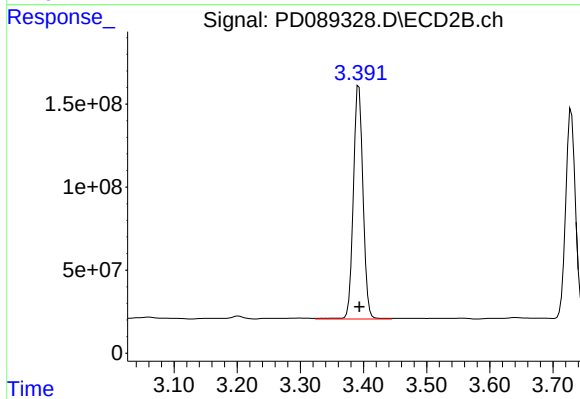
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 971849656
Conc: 57.33 ng/ml



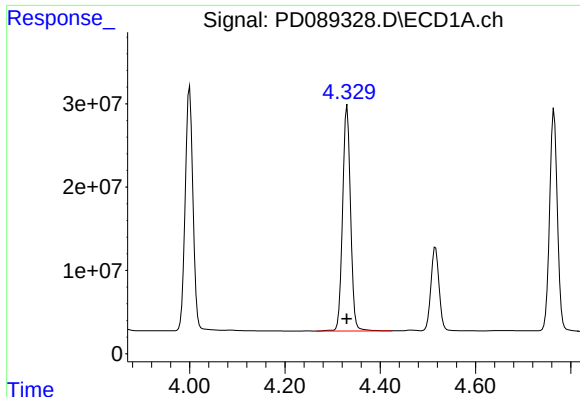
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.001 min
Response: 328407989
Conc: 56.34 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1495520318
Conc: 55.81 ng/ml



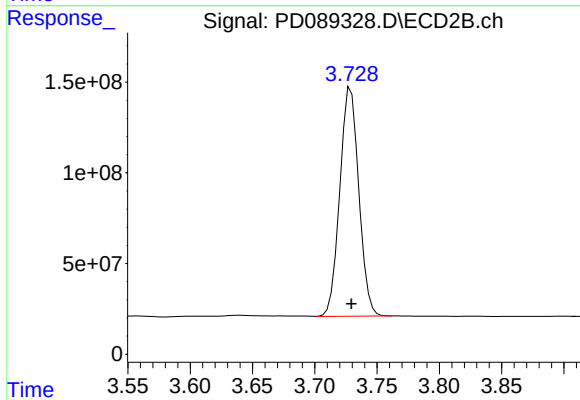
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 312107562
Conc: 55.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

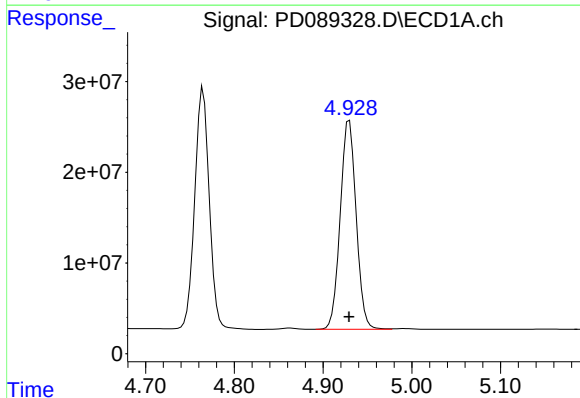
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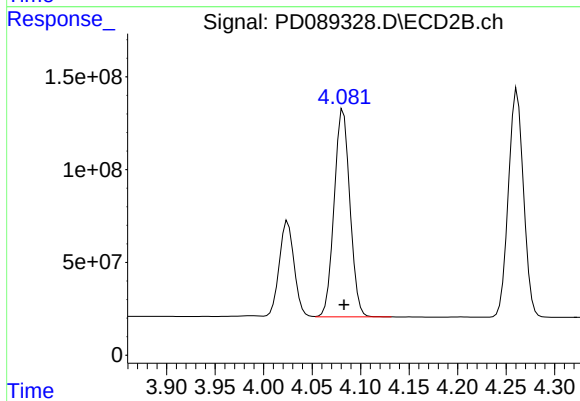
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.002 min
Response: 1343709000
Conc: 54.28 ng/ml m



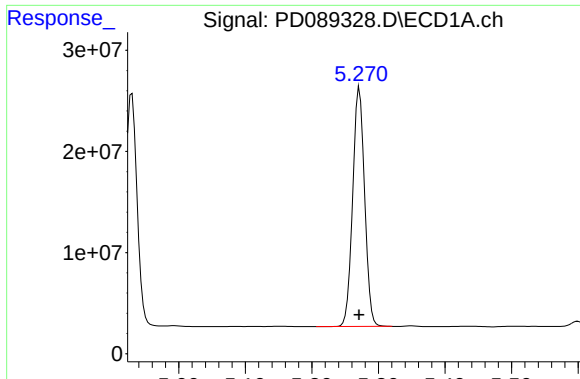
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 287513147
Conc: 52.74 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 1262328706
Conc: 50.42 ng/ml



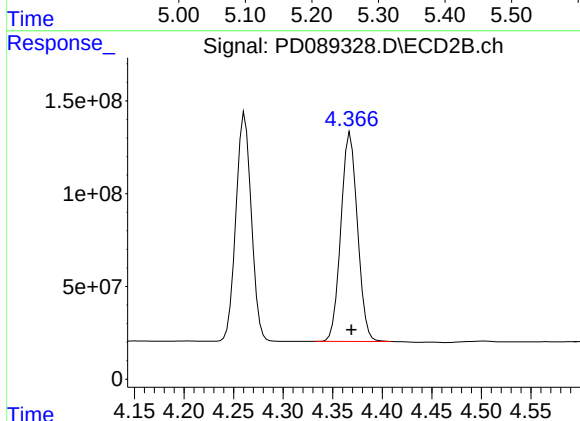
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 294974283
Conc: 55.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

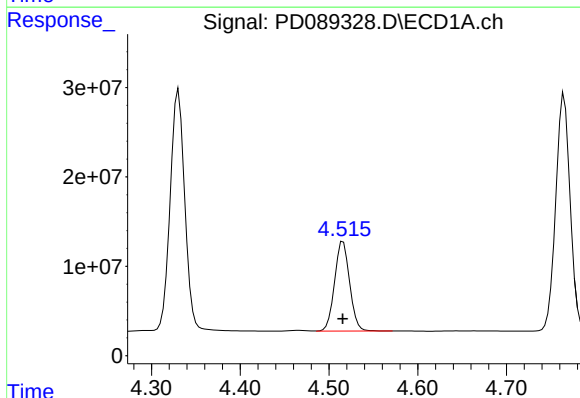
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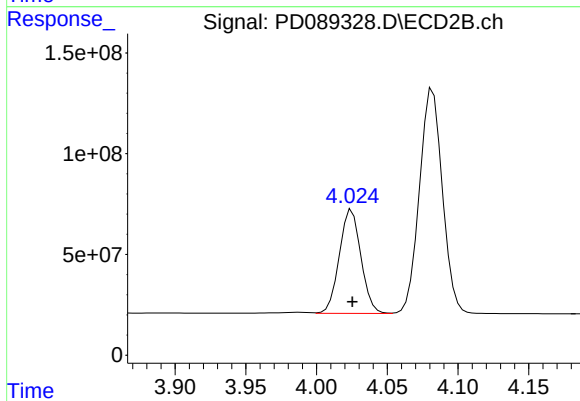
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 1310931550
Conc: 54.13 ng/ml



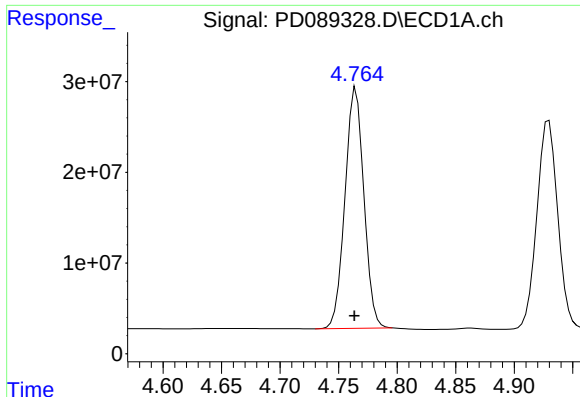
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 117929435
Conc: 53.43 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 549119561
Conc: 51.10 ng/ml



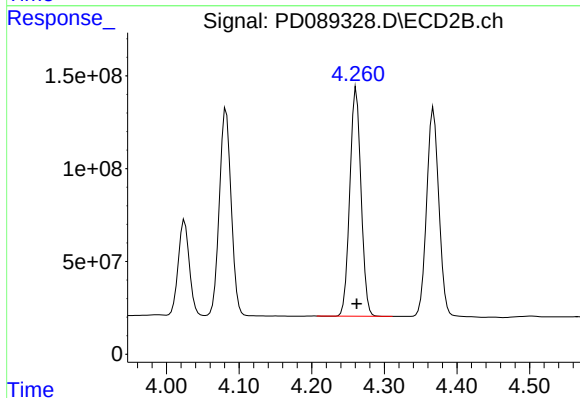
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.001 min
Response: 298070357
Conc: 58.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

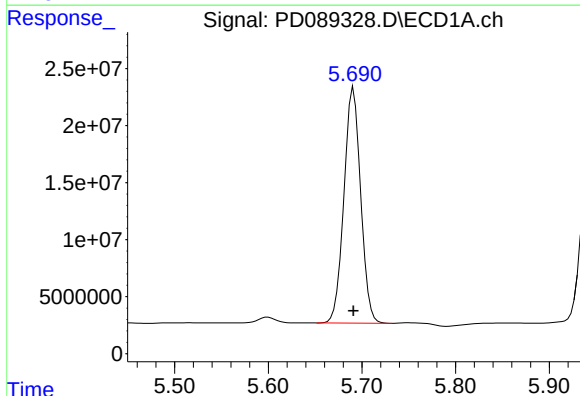
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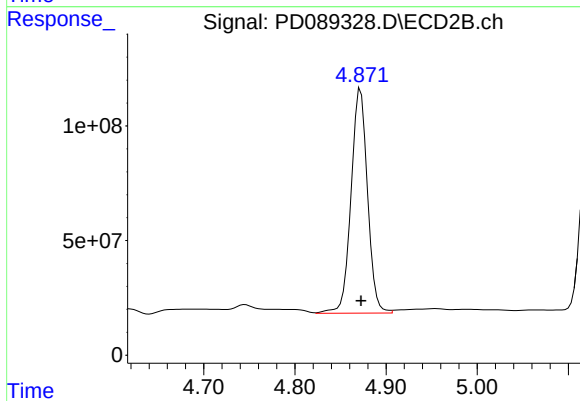
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 1325949505
Conc: 53.31 ng/ml



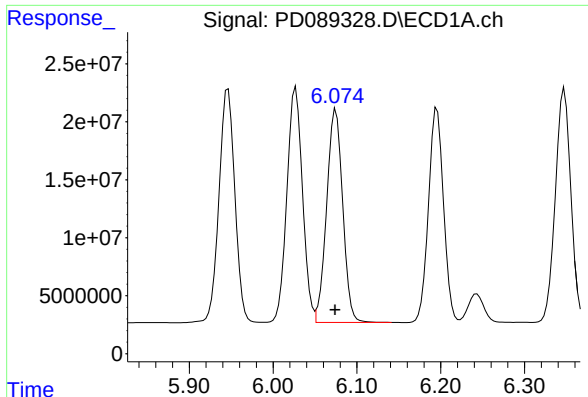
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 256708370
Conc: 53.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 1228716321
Conc: 56.11 ng/ml



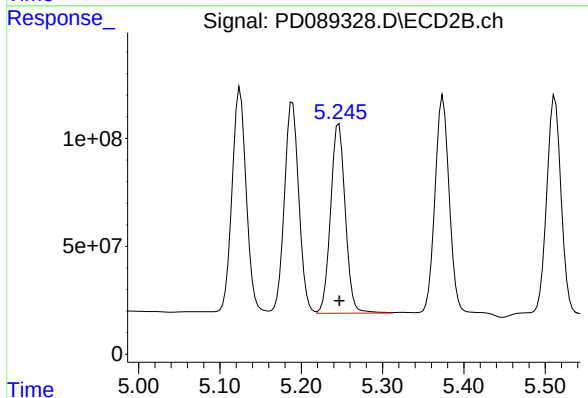
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 244227052
Conc: 54.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

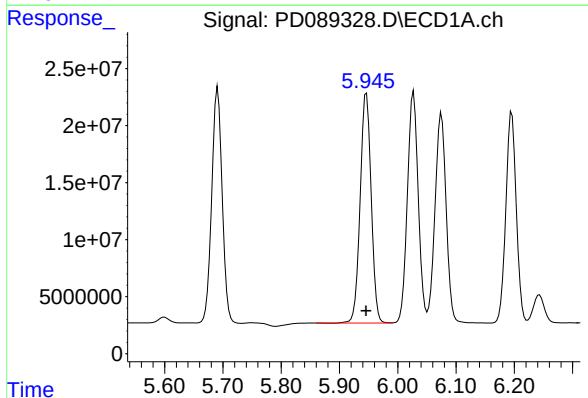
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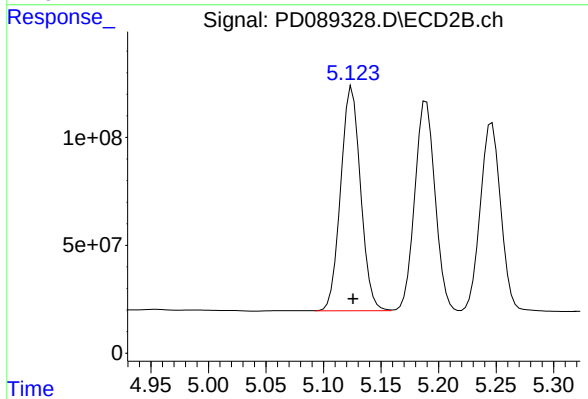
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 1106285999
Conc: 53.08 ng/ml



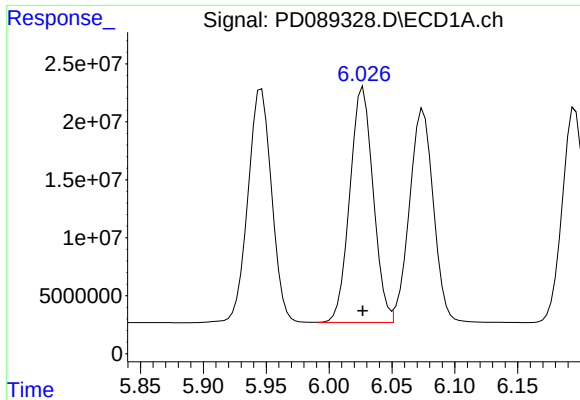
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 264241718
Conc: 55.19 ng/ml



#10 gamma-Chlordane

R.T.: 5.123 min
Delta R.T.: -0.002 min
Response: 1253777762
Conc: 52.41 ng/ml m



#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 262318852
Conc: 54.21 ng/ml

Instrument :

ECD_D

ClientSampleId :

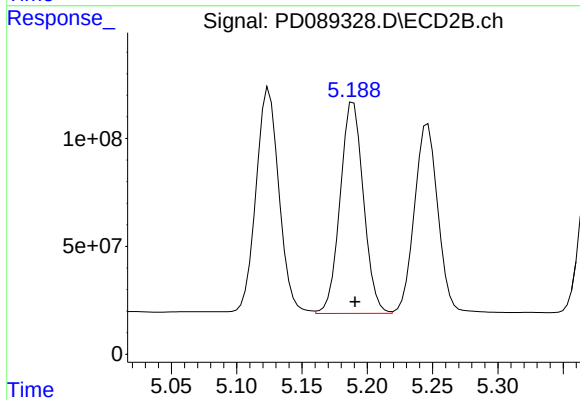
PSTDCCC050

Manual Integrations

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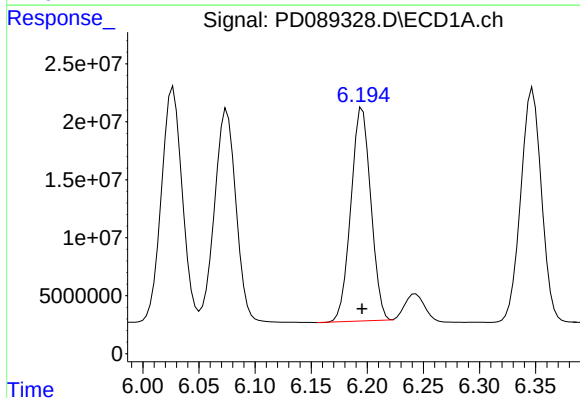
Reviewed By :Abdul Mirza 07/07/2025

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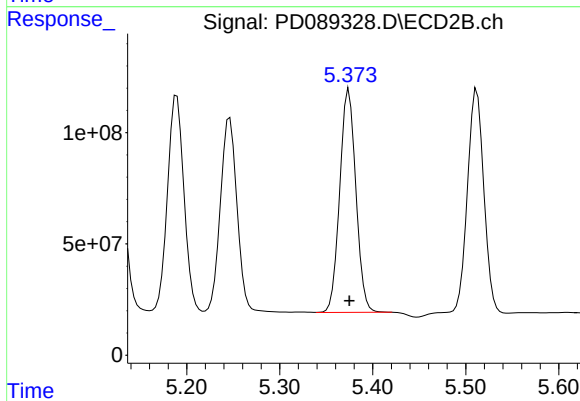
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 1218338542
Conc: 53.21 ng/ml



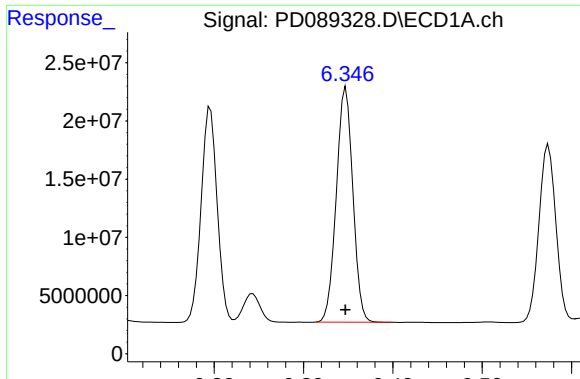
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 226730480
Conc: 51.99 ng/ml



#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 1210570442
Conc: 52.83 ng/ml



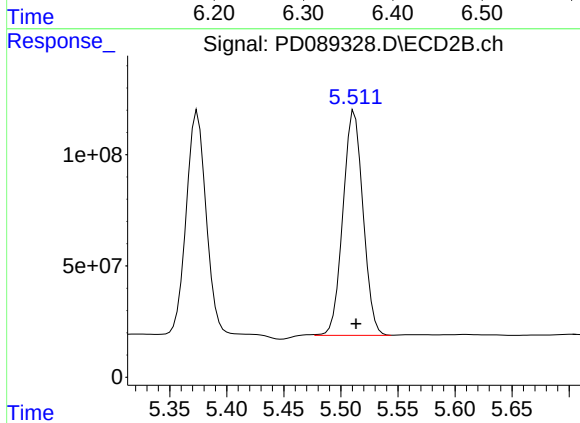
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 259607022
Conc: 54.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

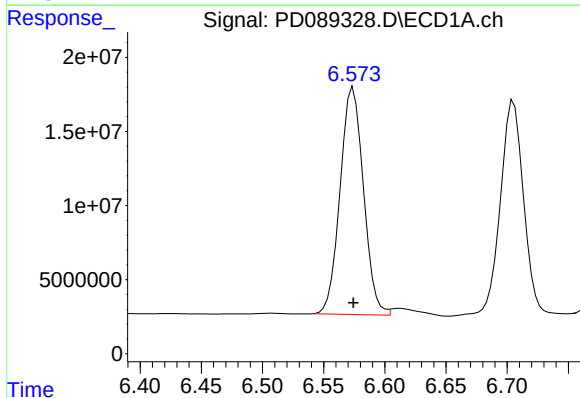
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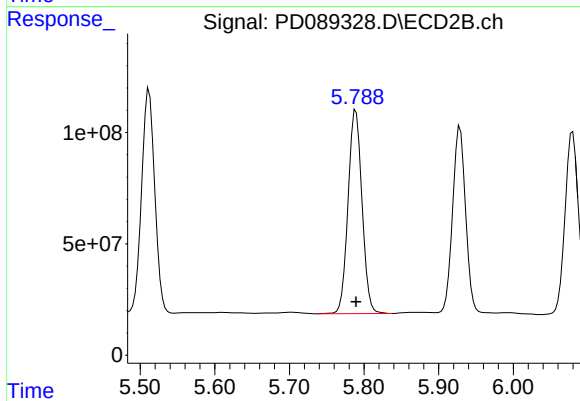
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.003 min
Response: 1237198614
Conc: 53.31 ng/ml m



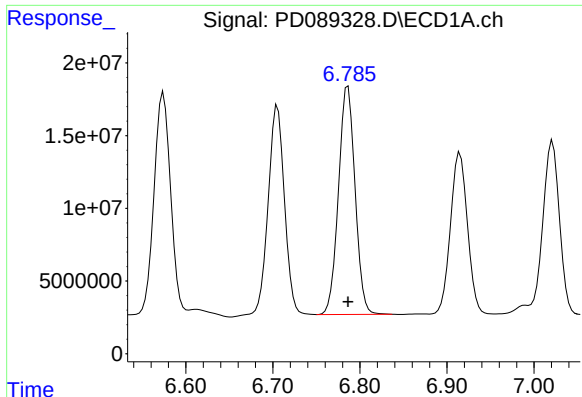
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 203587700
Conc: 49.35 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1186621064
Conc: 54.65 ng/ml



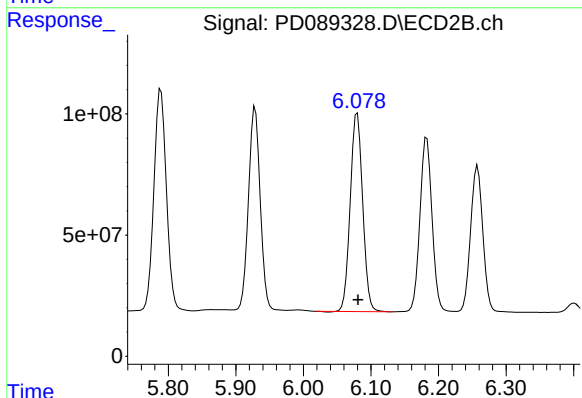
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 207824831
Conc: 51.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

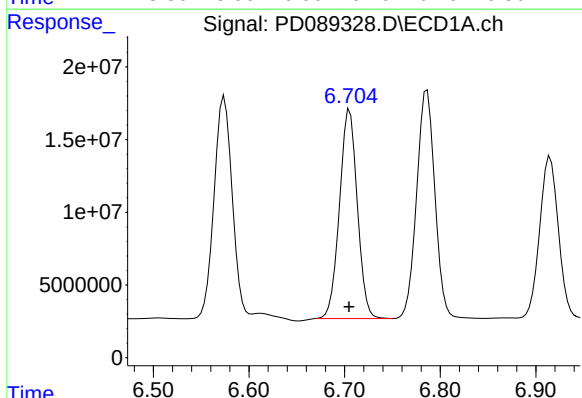
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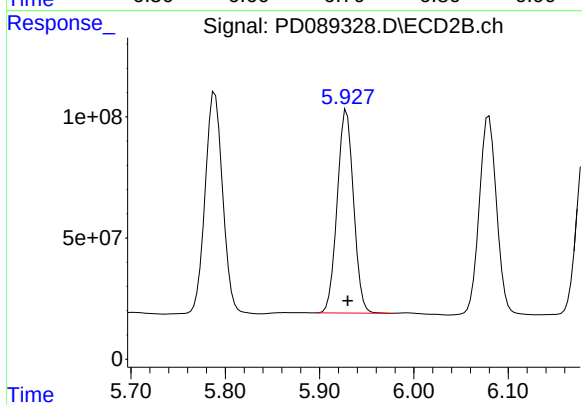
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 1042095140
Conc: 51.60 ng/ml



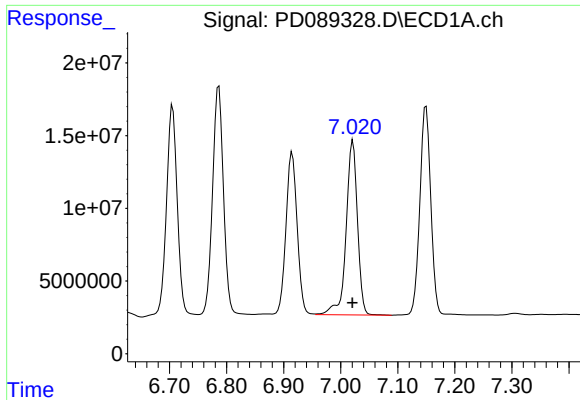
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 186522614
Conc: 54.35 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 1009138195
Conc: 52.75 ng/ml



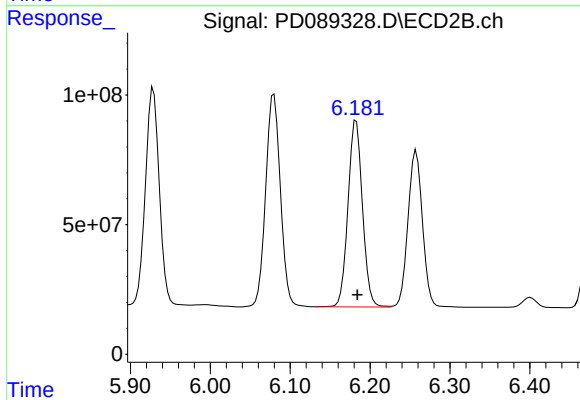
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 166440263
Conc: 43.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

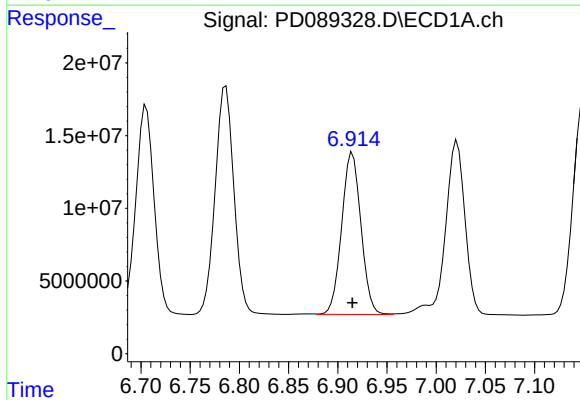
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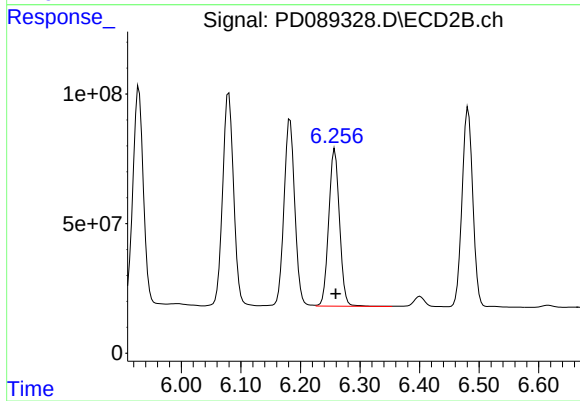
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 906312028
Conc: 44.69 ng/ml



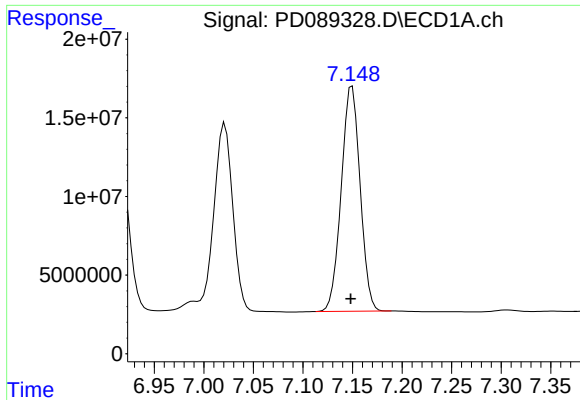
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 152005855
Conc: 49.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 764771218
Conc: 49.95 ng/ml



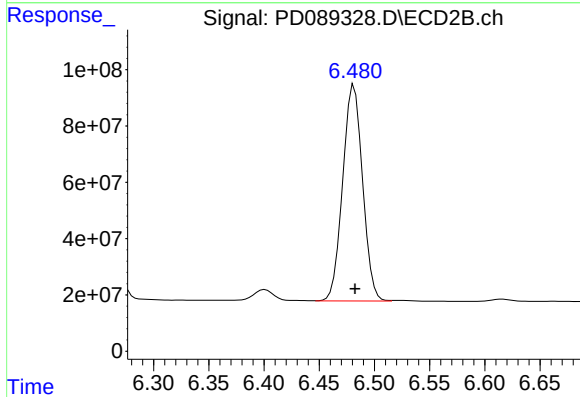
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.001 min
Response: 189633207
Conc: 49.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

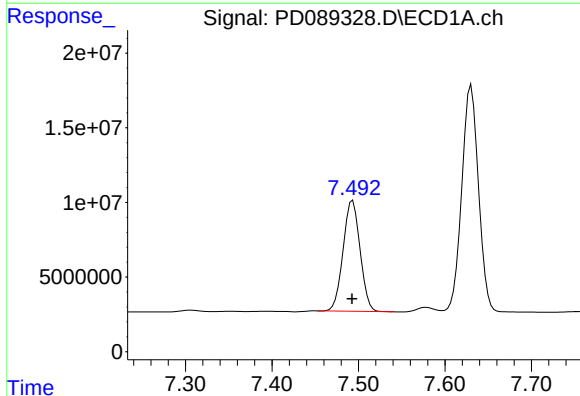
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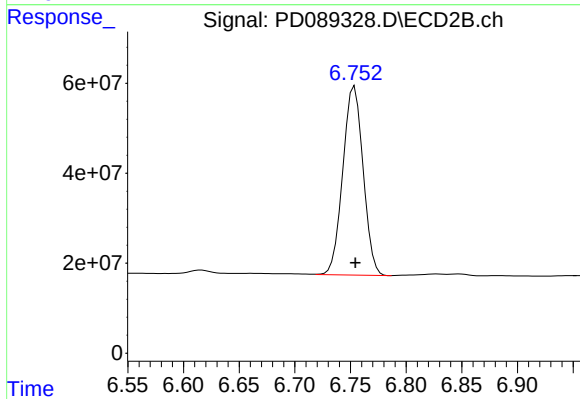
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 962332510
Conc: 49.05 ng/ml



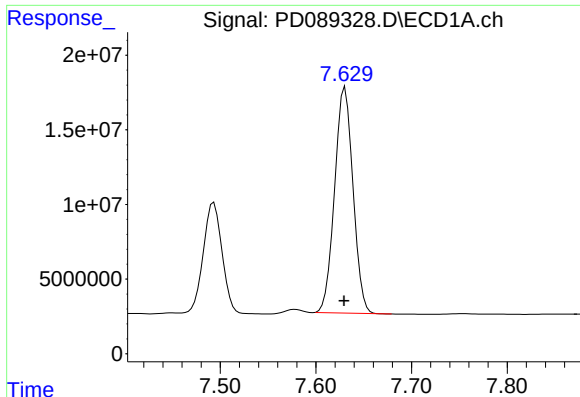
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 100582722
Conc: 49.78 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 533564676
Conc: 49.55 ng/ml



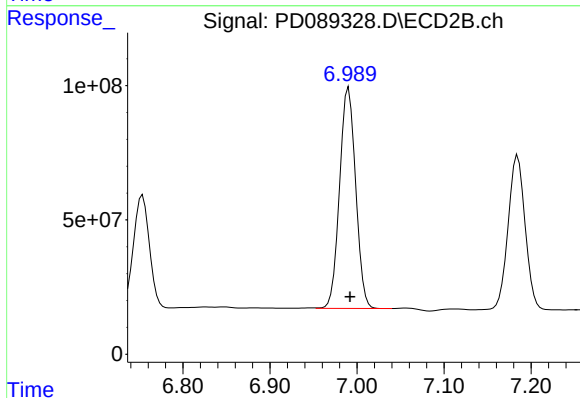
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.001 min
Response: 201921238
Conc: 49.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

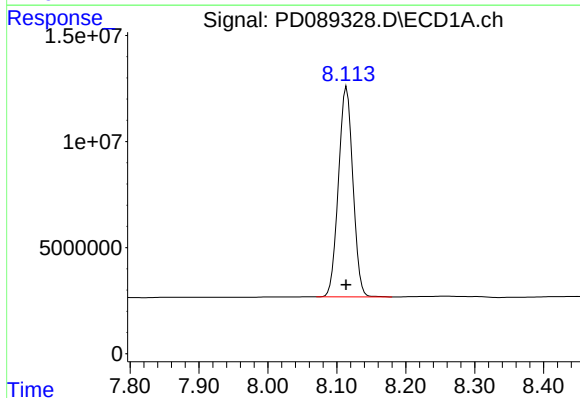
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Reviewed By :Abdul Mirza 07/07/2025
Supervised By :mohammad ahmed 07/09/2025



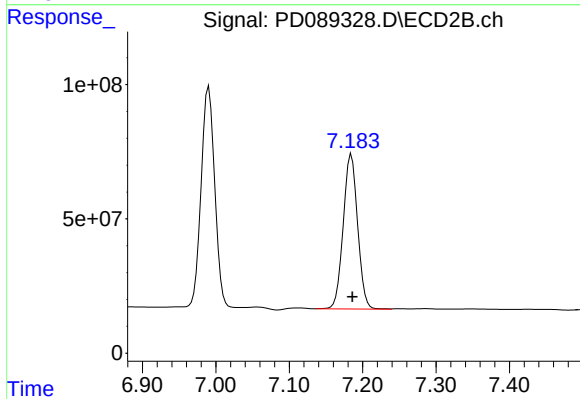
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 1056176905
Conc: 48.89 ng/ml



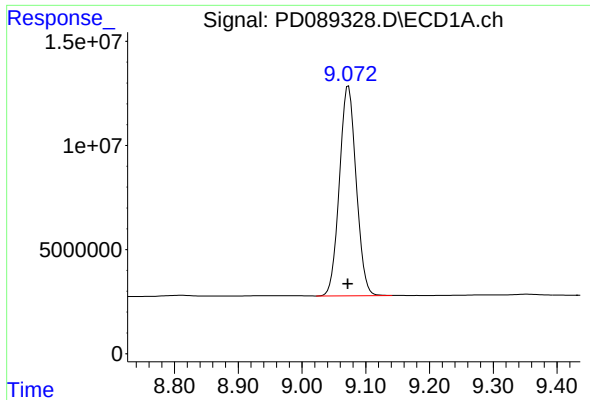
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 144352915
Conc: 47.48 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 787704229
Conc: 47.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.001 min
Response: 184301632
Conc: 46.92 ng/ml

Instrument :

ECD_D

ClientSampleId :

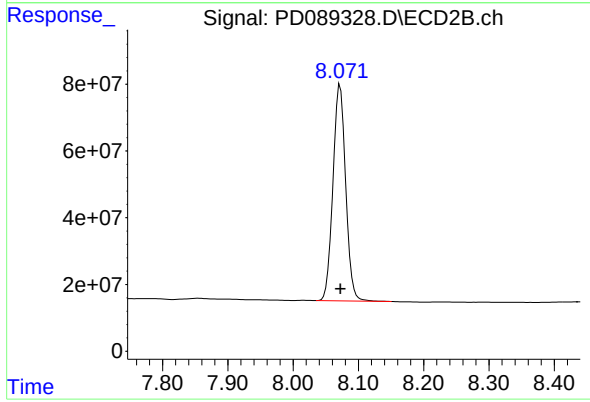
PSTDCCC050

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 07/09/2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 878800789
Conc: 44.45 ng/ml