

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
 Data File : PD090971.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 13:04
 Operator : AR\AJ
 Sample : PB170400BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170400BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2025
 Supervised By :mohammad ahmed 11/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:13:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	87467734	869.7E6	28.087	29.208
28)	SA Decachlor...	9.068	8.060	126.8E6	842.9E6	27.114	27.827
Target Compounds							
2)	A alpha-BHC	3.994	3.385	374.8E6	2671.1E6	52.218	52.276
3)	MA gamma-BHC...	4.325	3.721	349.4E6	2456.0E6	51.390	51.981
4)	MA Heptachlor	4.923	4.073	355.8E6	2441.6E6	63.652	54.742
5)	MB Aldrin	5.264	4.359	337.6E6	2395.8E6	51.570	51.724
6)	B beta-BHC	4.512	4.018	130.5E6	1010.0E6	49.813	50.934
7)	B delta-BHC	4.761	4.254	347.3E6	2452.1E6	51.357	51.388
8)	B Heptachlo...	5.685	4.863	303.5E6	2160.6E6	52.424	50.672
9)	A Endosulfan I	6.069	5.236	284.2E6	1941.6E6	51.327	49.291
10)	B gamma-Chl...	5.941	5.115	301.5E6	2306.7E6	50.827	51.317
11)	B alpha-Chl...	6.021	5.180	305.8E6	2206.4E6	49.472	51.147
12)	B 4,4'-DDE	6.190	5.364	267.9E6	2284.3E6	50.291	52.109
13)	MA Dieldrin	6.341	5.502	304.5E6	2296.0E6	52.223	51.964
14)	MA Endrin	6.569	5.779	260.5E6	2169.6E6	52.586	53.578
15)	B Endosulfa...	6.782	6.070	272.7E6	1949.7E6	54.537	51.915
16)	A 4,4'-DDD	6.701	5.918	225.3E6	1937.3E6	55.578	53.168
17)	MA 4,4'-DDT	7.017	6.172	226.9E6	1877.3E6	55.189	53.526
18)	B Endrin al...	6.911	6.248	187.1E6	1420.4E6	51.080	51.290
19)	B Endosulfa...	7.145	6.472	237.9E6	1855.7E6	51.289	51.769
20)	A Methoxychlor	7.489	6.743	123.1E6	936.7E6	57.905m	53.747
21)	B Endrin ke...	7.627	6.980	254.1E6	2122.1E6	52.288	56.262m
22)	Mirex	8.109	7.174	156.3E6	1256.6E6	48.831	48.914

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 13:04
Operator : AR\AJ
Sample : PB170400BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170400BS

Manual Integrations

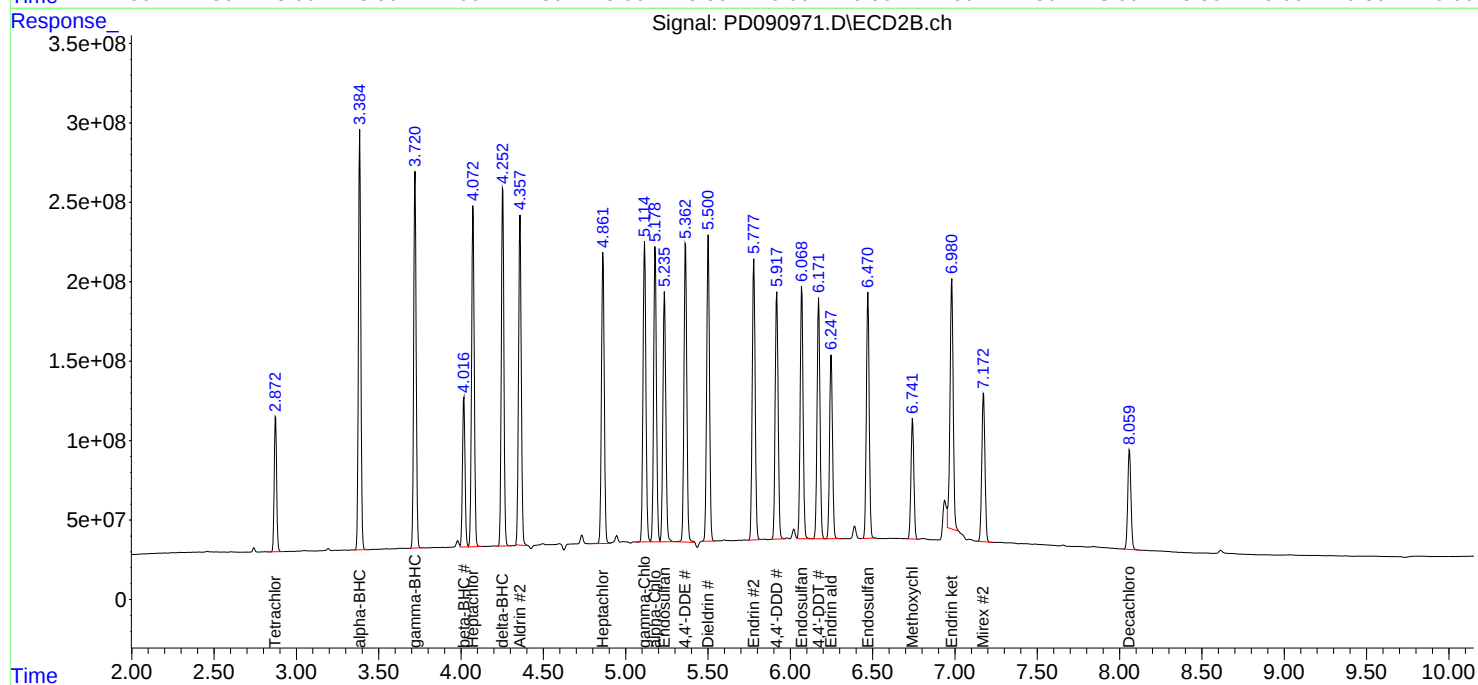
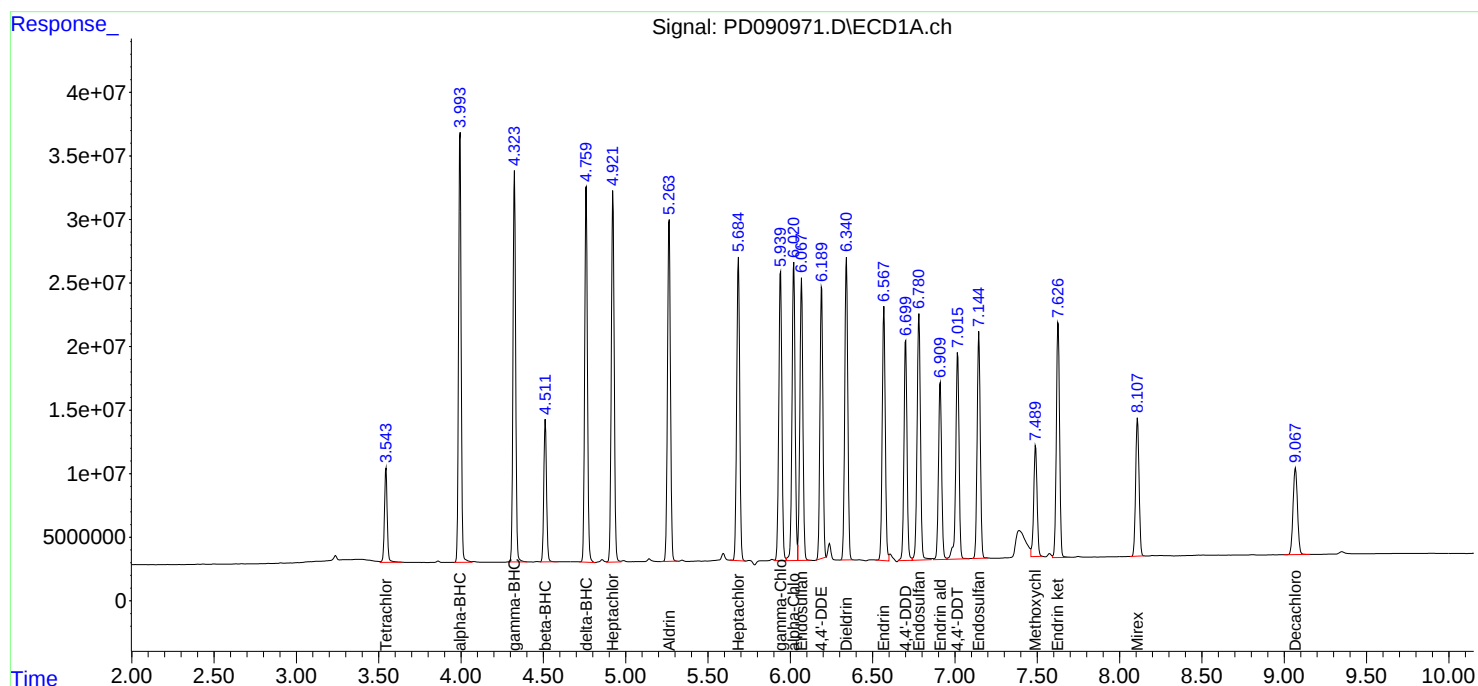
APPROVED

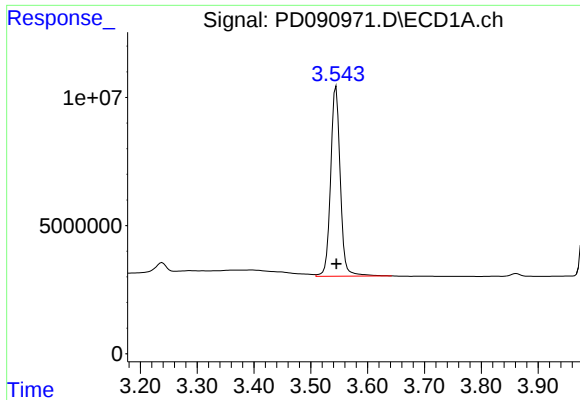
Reviewed By :Yogesh Patel 11/06/2025

Supervised By :mohammad ahmed 11/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:13:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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 x 0.25µm





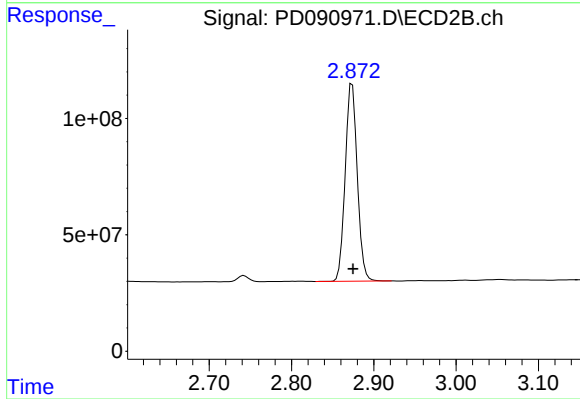
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 87467734
Conc: 28.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

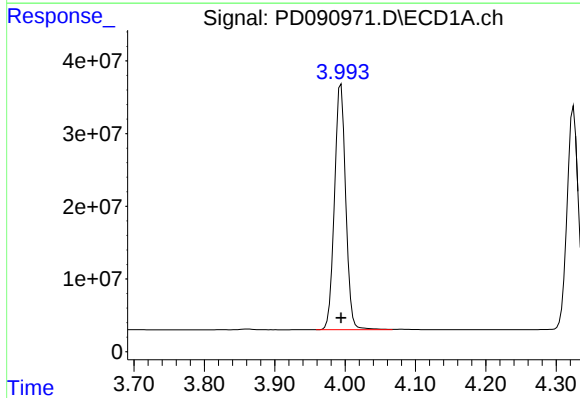
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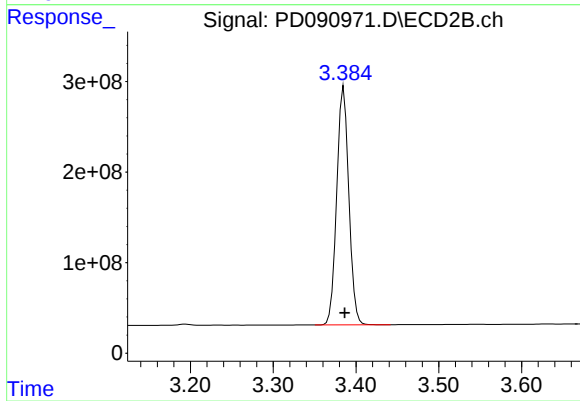
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 869720550
Conc: 29.21 ng/ml



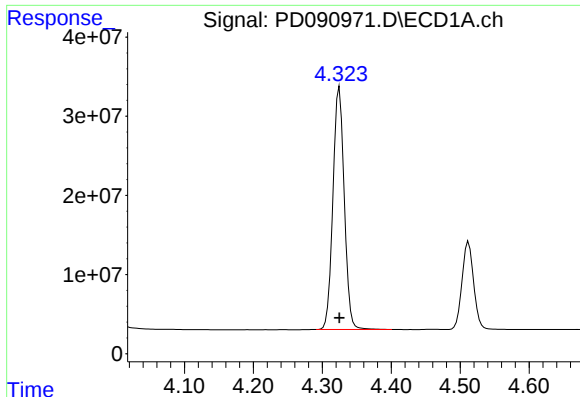
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 374774812
Conc: 52.22 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2671084737
Conc: 52.28 ng/ml



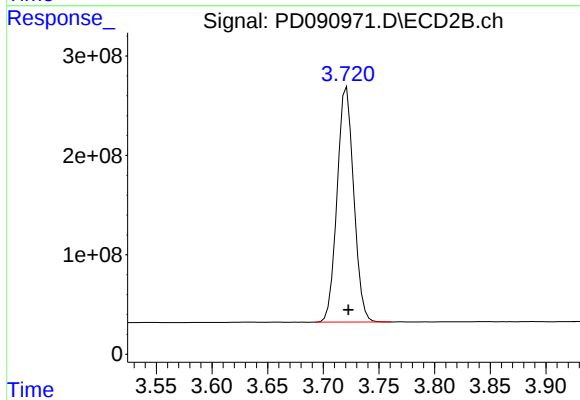
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 349393660
Conc: 51.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

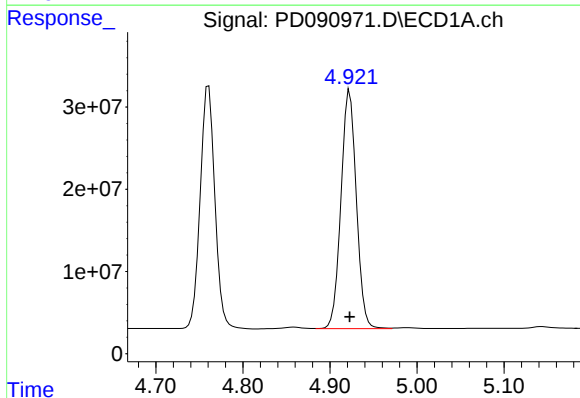
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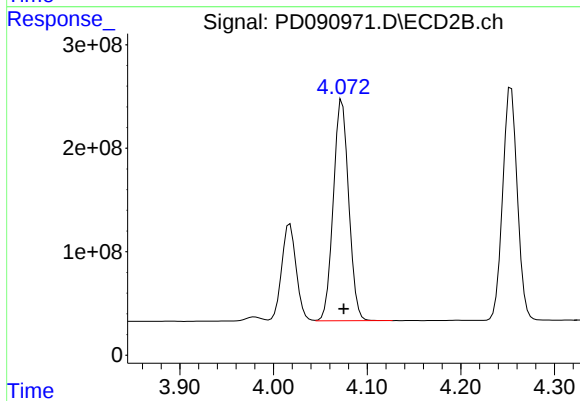
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2456028847
Conc: 51.98 ng/ml



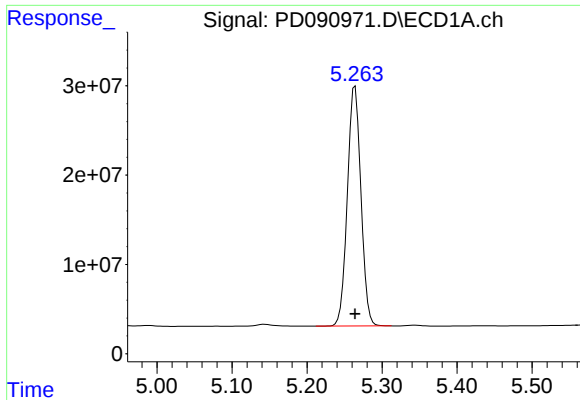
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 355788225
Conc: 63.65 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2441630102
Conc: 54.74 ng/ml



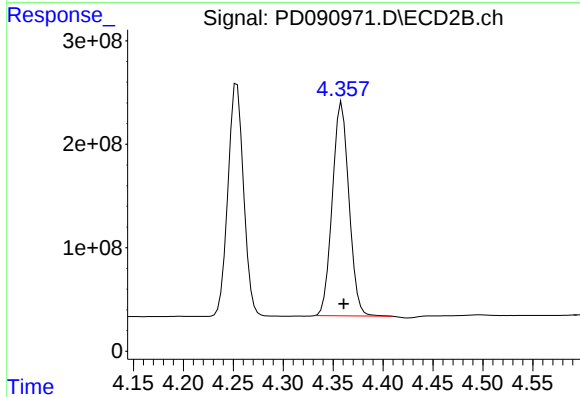
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 337645635
Conc: 51.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

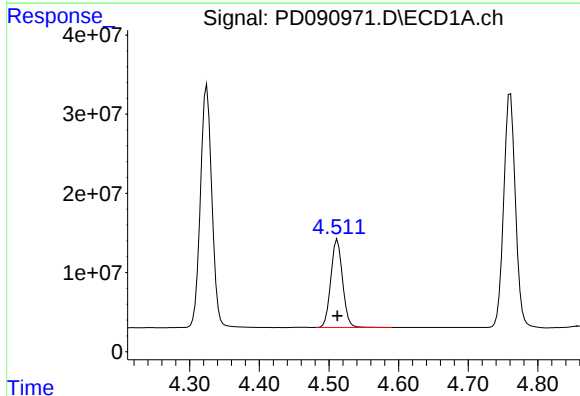
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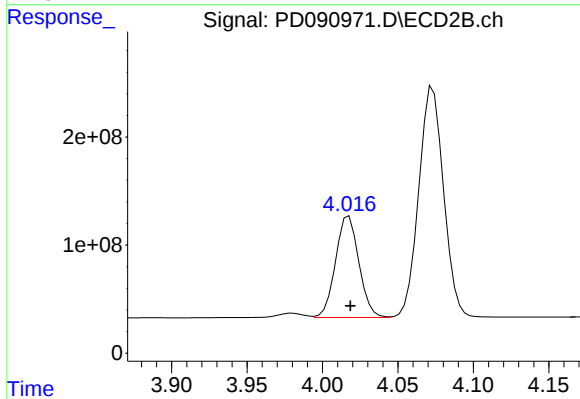
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2395780991
Conc: 51.72 ng/ml



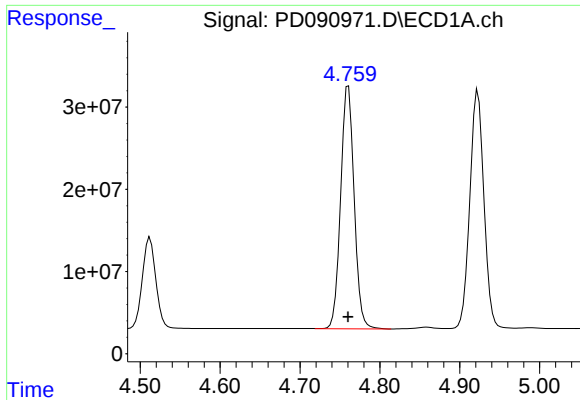
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 130492322
Conc: 49.81 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 1010000943
Conc: 50.93 ng/ml



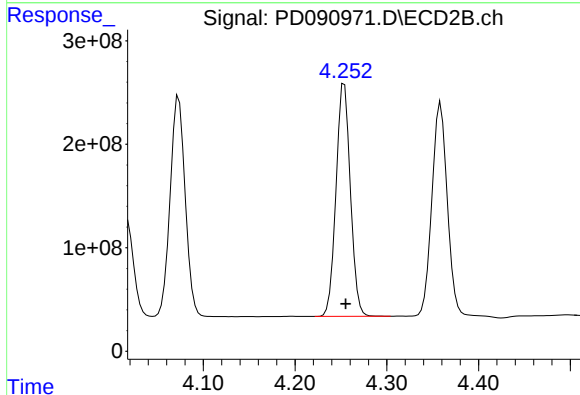
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 347262276
Conc: 51.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

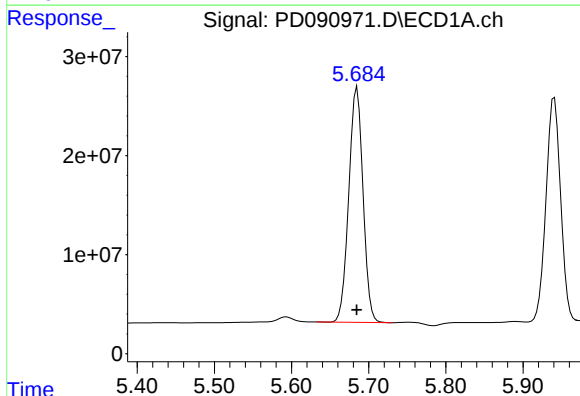
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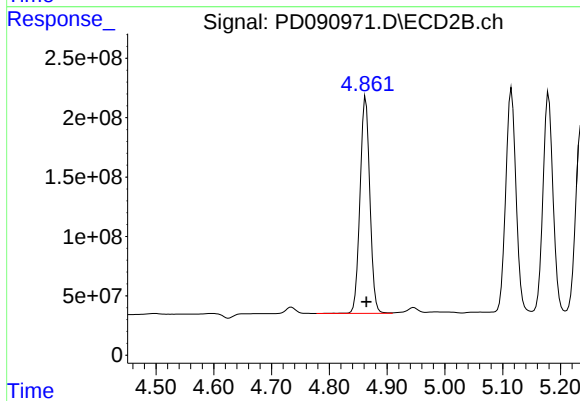
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2452070650
Conc: 51.39 ng/ml



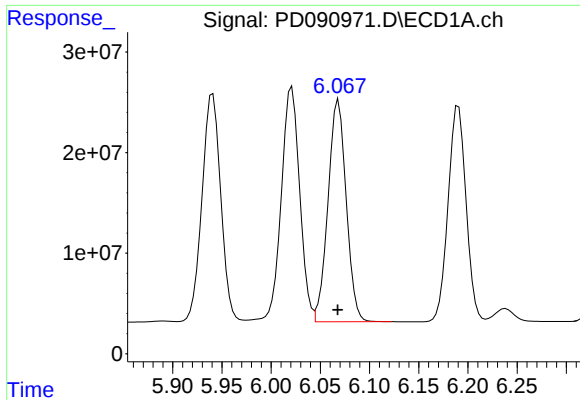
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 303485158
Conc: 52.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 2160587303
Conc: 50.67 ng/ml



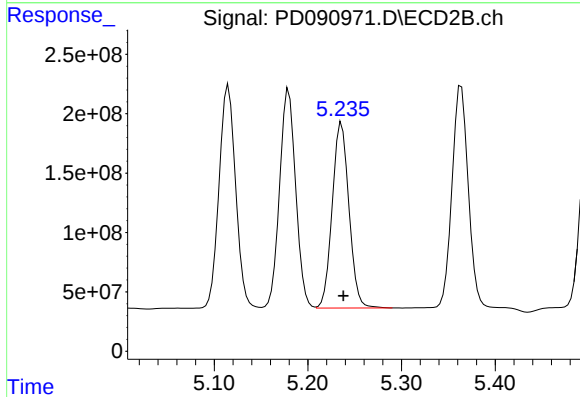
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 284179580
Conc: 51.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

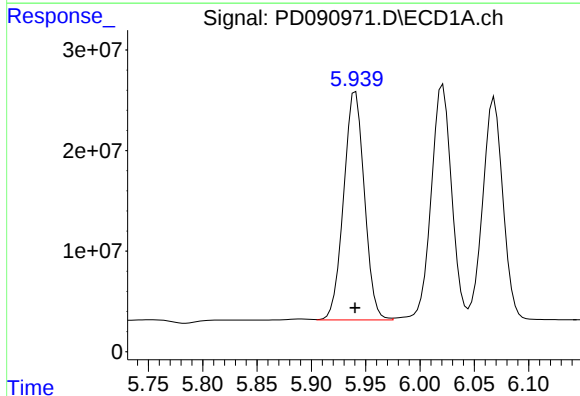
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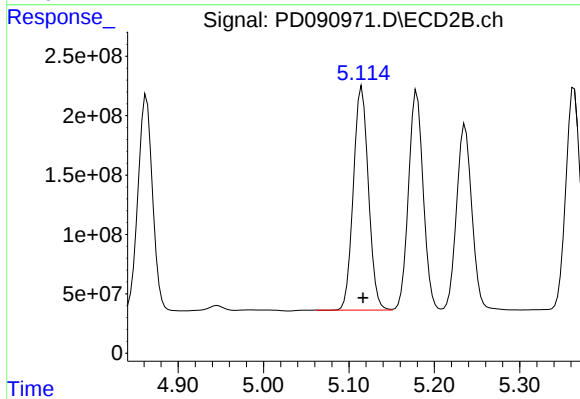
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1941590599
Conc: 49.29 ng/ml



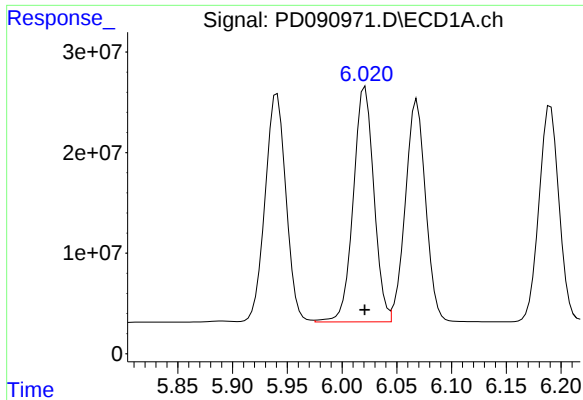
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 301462269
Conc: 50.83 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2306655085
Conc: 51.32 ng/ml



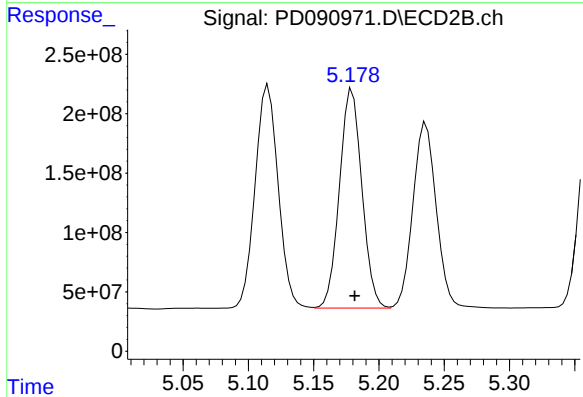
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 305750941
Conc: 49.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

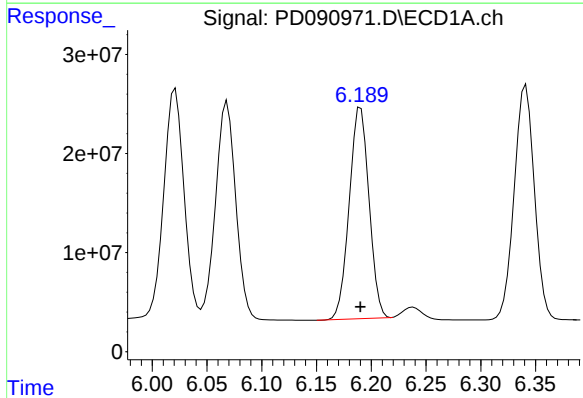
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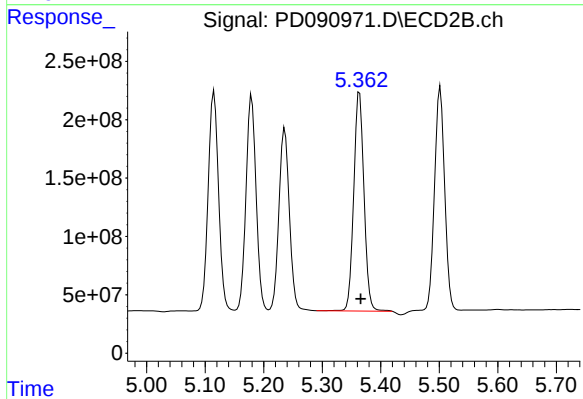
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 2206361574
Conc: 51.15 ng/ml



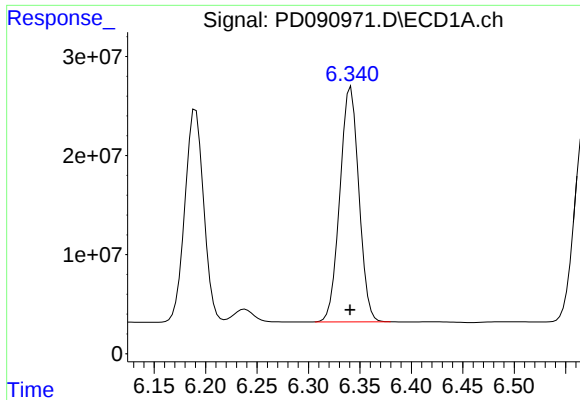
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 267880350
Conc: 50.29 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2284346821
Conc: 52.11 ng/ml



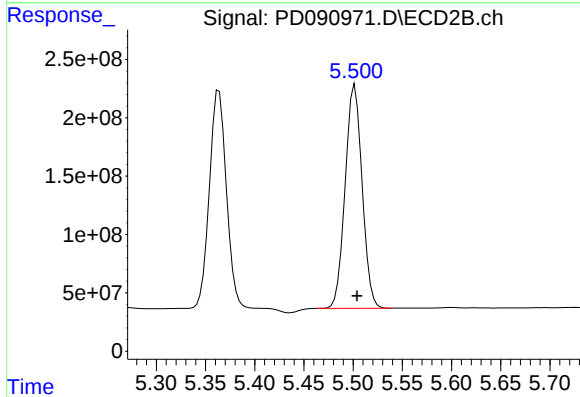
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 304531517
Conc: 52.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

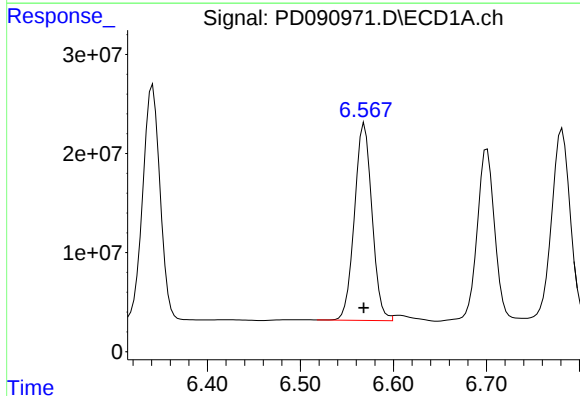
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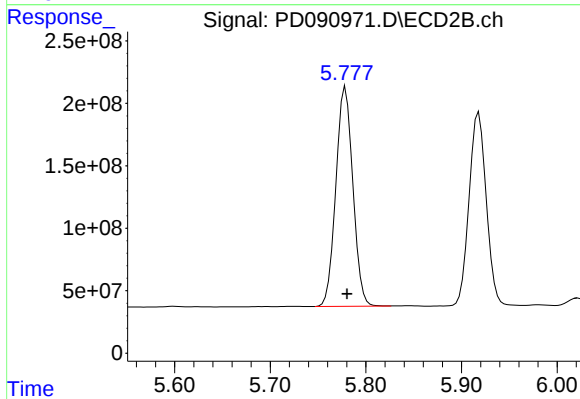
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 2295973692
Conc: 51.96 ng/ml



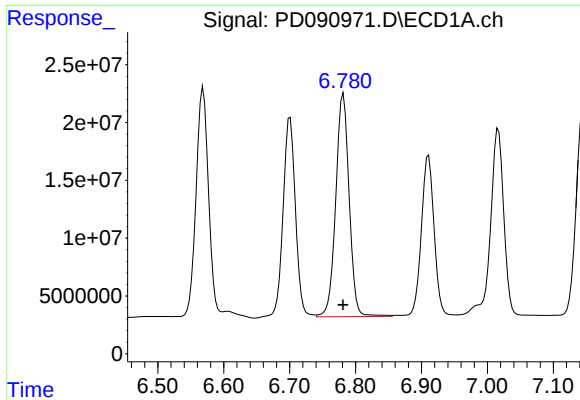
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 260495177
Conc: 52.59 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 2169588911
Conc: 53.58 ng/ml



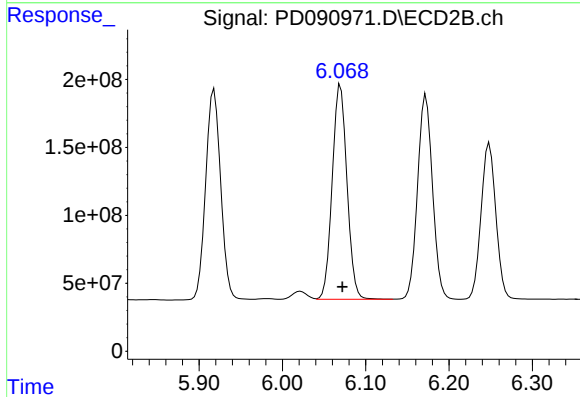
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 272681298
Conc: 54.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

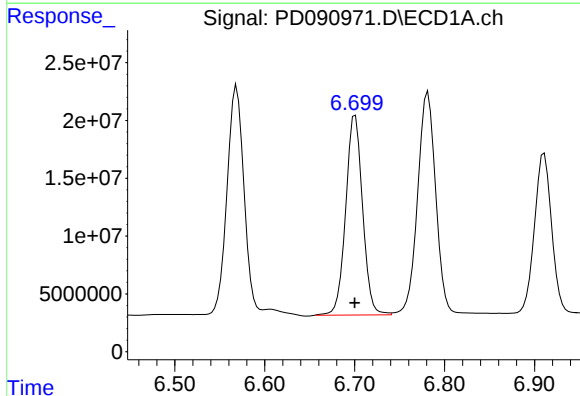
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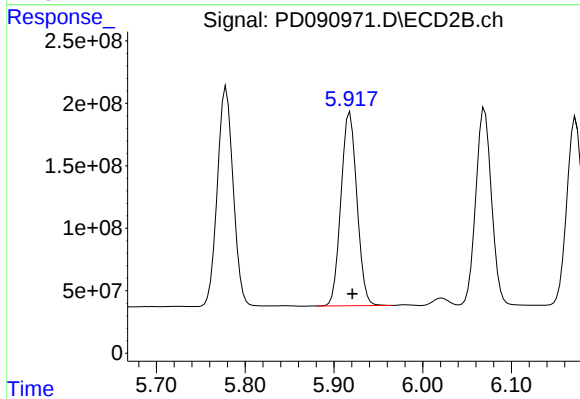
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 1949681720
Conc: 51.91 ng/ml



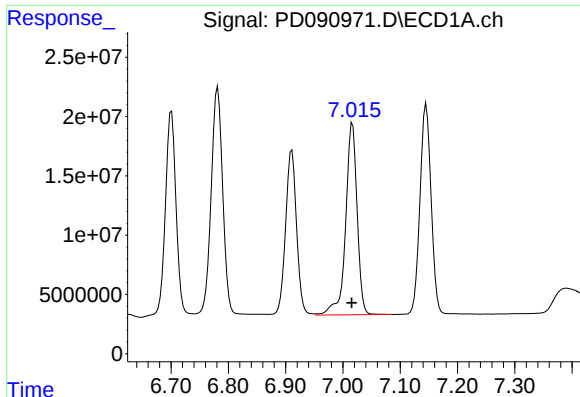
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 225326236
Conc: 55.58 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 1937349742
Conc: 53.17 ng/ml



#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.001 min
Response: 226851999
Conc: 55.19 ng/ml

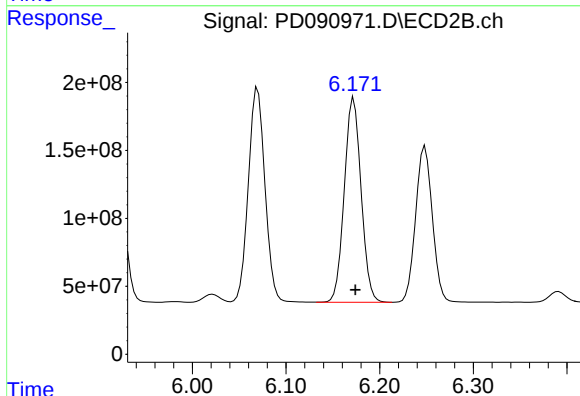
Instrument :

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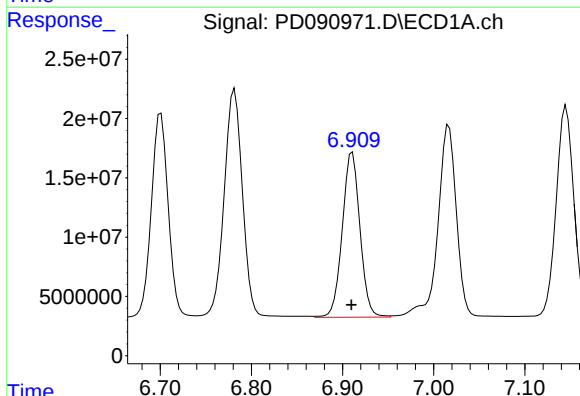
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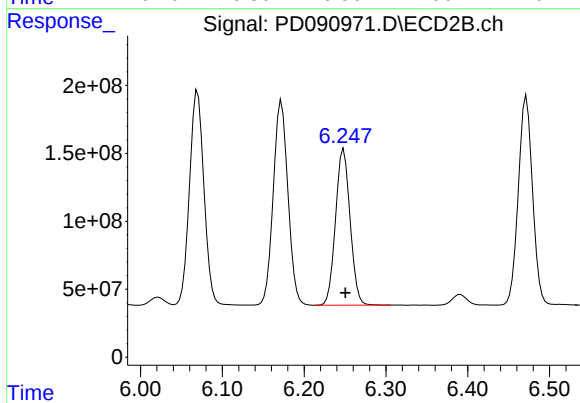
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1877311816
Conc: 53.53 ng/ml



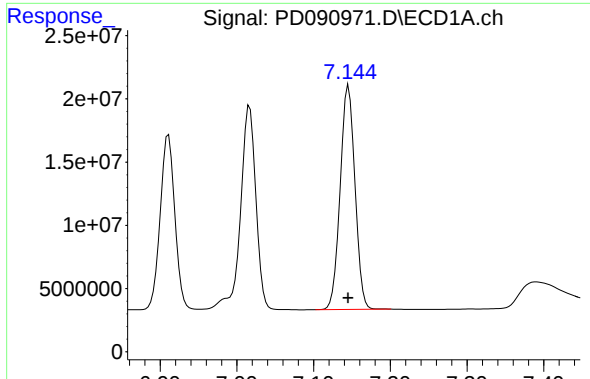
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.001 min
Response: 187089843
Conc: 51.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1420354749
Conc: 51.29 ng/ml



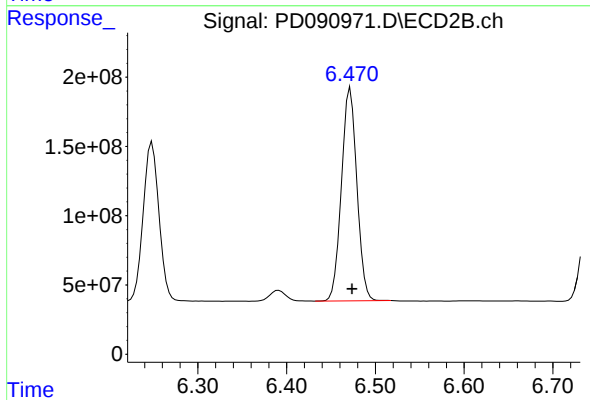
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 237885971
Conc: 51.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
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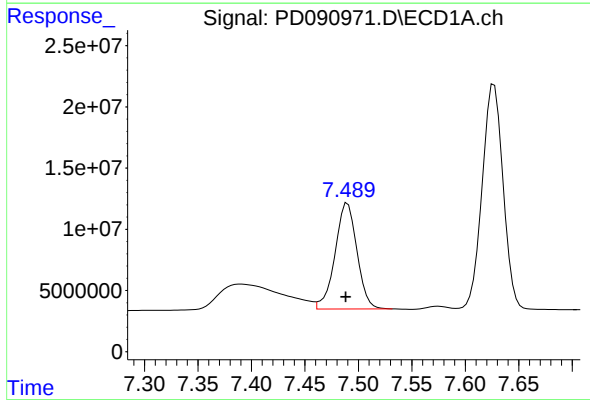
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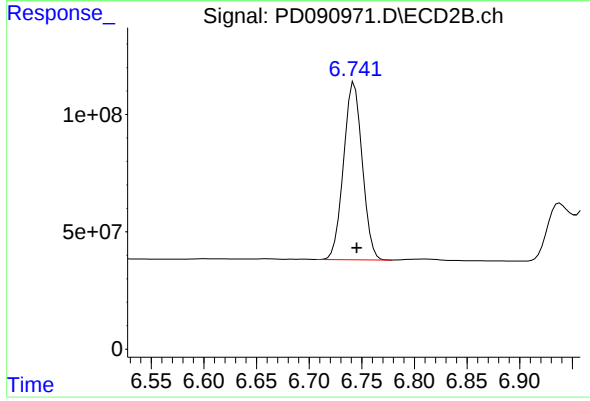
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1855657762
Conc: 51.77 ng/ml



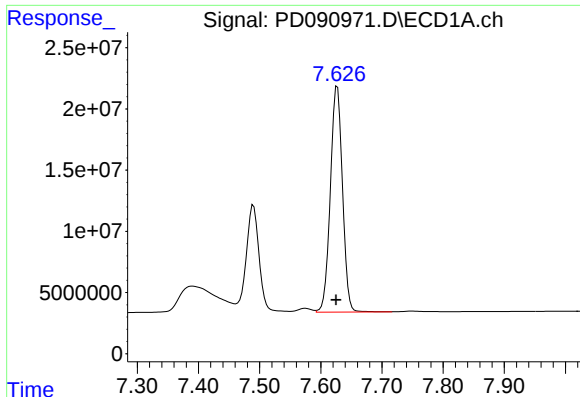
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 123080960
Conc: 57.90 ng/ml m



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 936690314
Conc: 53.75 ng/ml



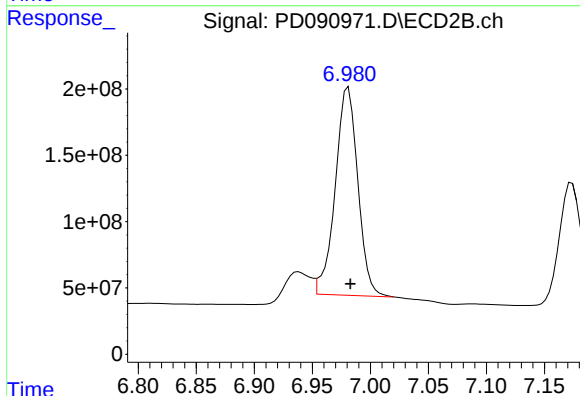
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: 0.002 min
Response: 254059450
Conc: 52.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170400BS

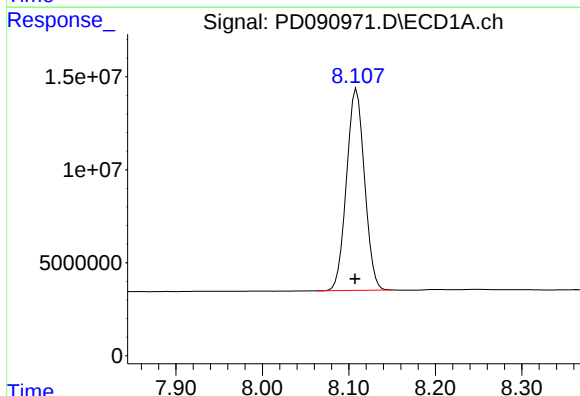
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2025
Supervised By :mohammad ahmed 11/06/2025



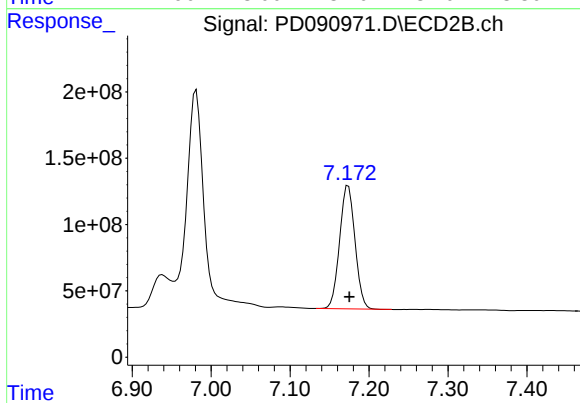
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 2122093929
Conc: 56.26 ng/ml m



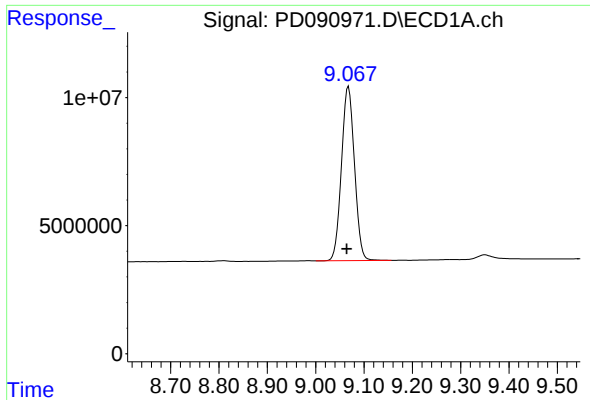
#22 Mirex

R.T.: 8.109 min
Delta R.T.: 0.002 min
Response: 156301214
Conc: 48.83 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 1256635962
Conc: 48.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.004 min
Response: 126839573
Conc: 27.11 ng/ml

Instrument :

ECD_D

ClientSampleId :

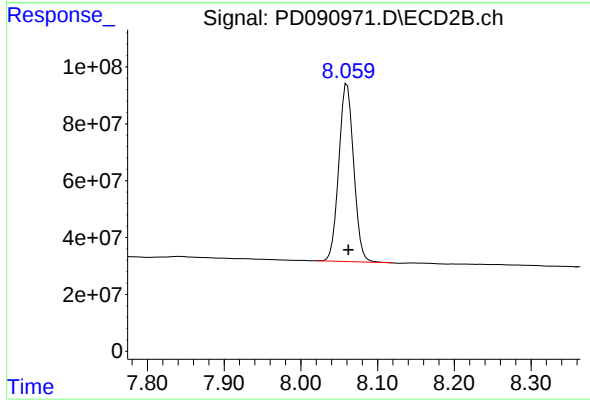
PB170400BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2025

Supervised By :mohammad ahmed 11/06/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 842928408
Conc: 27.83 ng/ml