

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100625\
 Data File : PD090530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2025 17:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/07/2025
 Supervised By :mohammad ahmed 10/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 03:23:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.552	2.874	172.0E6	1458.9E6	52.906	53.147
28)	SA Decachlor...	9.072	8.063	227.3E6	1304.5E6	47.104	40.243
Target Compounds							
2)	A alpha-BHC	4.000	3.387	415.7E6	2516.6E6	59.515m	57.480
3)	MA gamma-BHC...	4.332	3.723	394.0E6	2317.8E6	59.538	56.899
4)	MA Heptachlor	4.930	4.075	377.0E6	2236.8E6	57.017	54.936
5)	MB Aldrin	5.271	4.361	367.6E6	2276.7E6	57.887	57.010
6)	B beta-BHC	4.519	4.019	144.6E6	961.3E6	56.041	55.454
7)	B delta-BHC	4.766	4.255	381.9E6	2341.1E6	59.136m	56.693
8)	B Heptachlo...	5.690	4.864	320.8E6	2033.2E6	56.139m	55.152
9)	A Endosulfan I	6.075	5.238	295.4E6	1898.5E6	54.696	54.863
10)	B gamma-Chl...	5.947	5.117	321.0E6	2190.7E6	56.203	55.763
11)	B alpha-Chl...	6.028	5.182	318.7E6	2091.9E6	55.319	55.539
12)	B 4,4'-DDE	6.197	5.367	286.8E6	2108.8E6	55.074	55.089
13)	MA Dieldrin	6.347	5.504	316.6E6	2129.5E6	54.920	54.679
14)	MA Endrin	6.575	5.781	271.0E6	1925.7E6	55.368	53.742
15)	B Endosulfa...	6.787	6.073	266.9E6	1767.7E6	54.722	52.375
16)	A 4,4'-DDD	6.706	5.921	228.9E6	1729.0E6	55.869	53.318
17)	MA 4,4'-DDT	7.022	6.175	231.3E6	1708.4E6	51.953	49.694
18)	B Endrin al...	6.916	6.251	187.6E6	1270.9E6	54.690	53.974
19)	B Endosulfa...	7.151	6.475	238.7E6	1652.7E6	51.895	50.556
20)	A Methoxychlor	7.495	6.746	113.9E6	810.5E6	48.330	46.577
21)	B Endrin ke...	7.631	6.984	251.2E6	1732.8E6	50.779	47.997
22)	Mirex	8.113	7.176	169.8E6	1159.0E6	45.827	41.984

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100625\
Data File : PD090530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Oct 2025 17:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

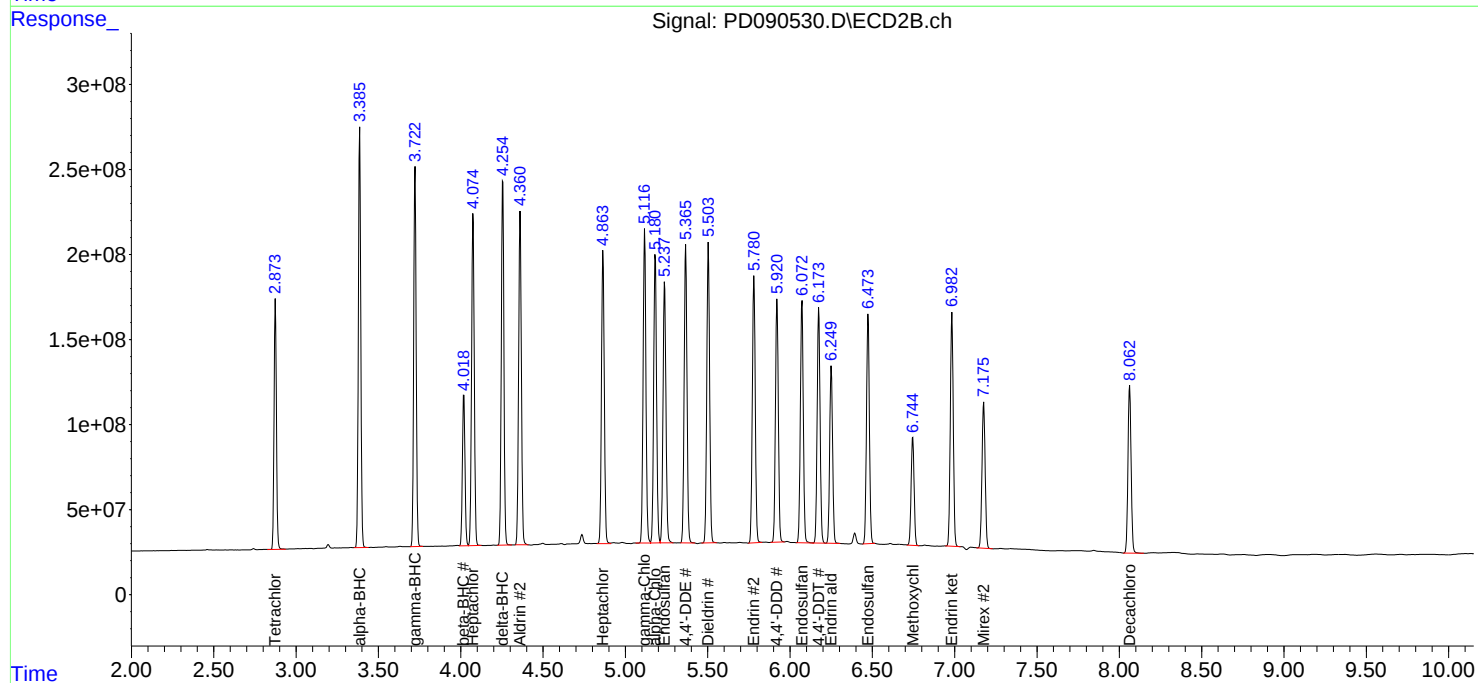
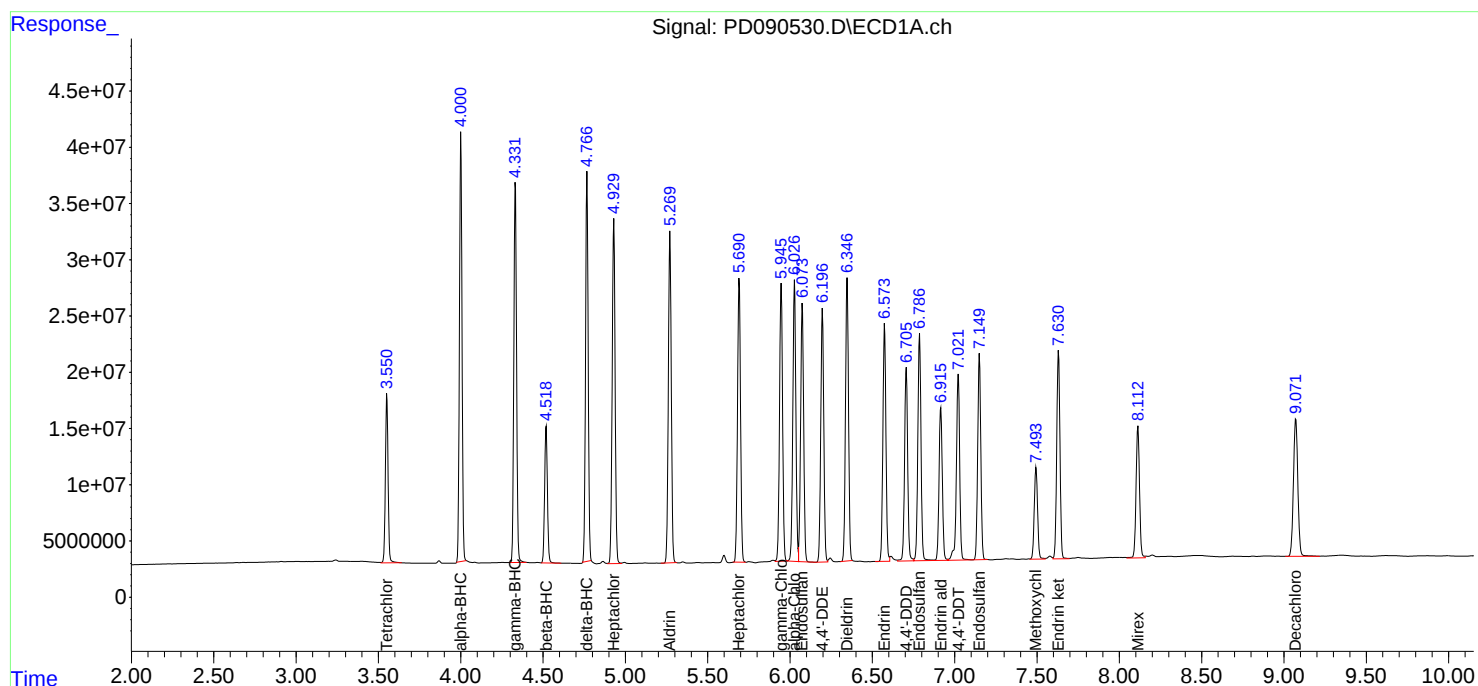
APPROVED

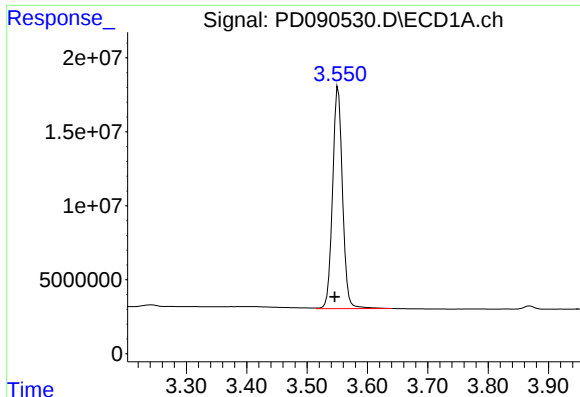
Reviewed By :Abdul Mirza 10/07/2025

Supervised By :mohammad ahmed 10/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 03:23:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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





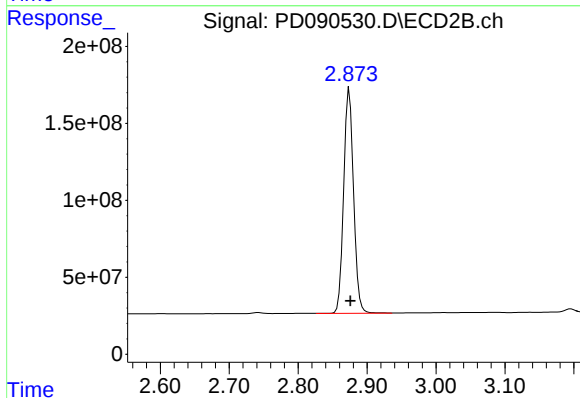
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.006 min
Response: 171968109
Conc: 52.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

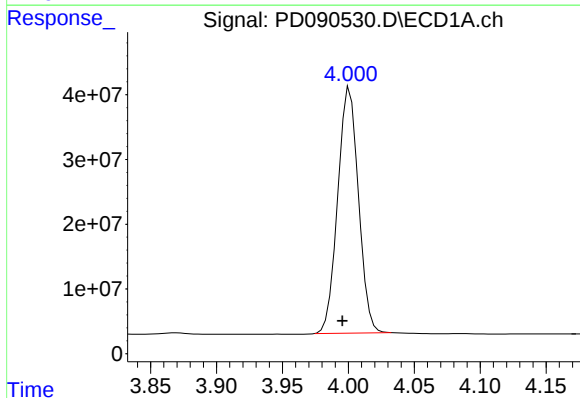
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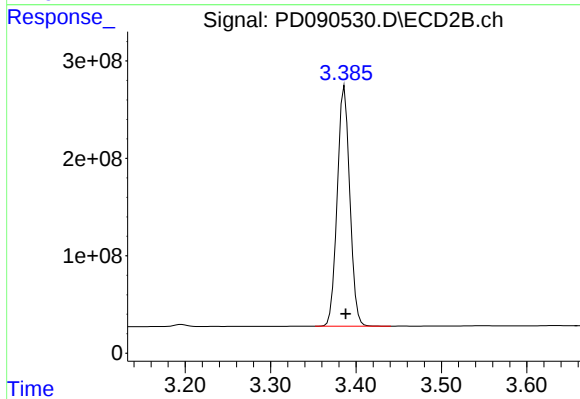
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 1458869920
Conc: 53.15 ng/ml



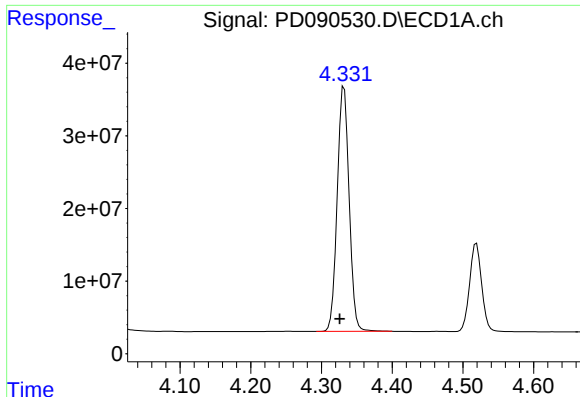
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.004 min
Response: 415684681
Conc: 59.51 ng/ml m



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: -0.001 min
Response: 2516624827
Conc: 57.48 ng/ml



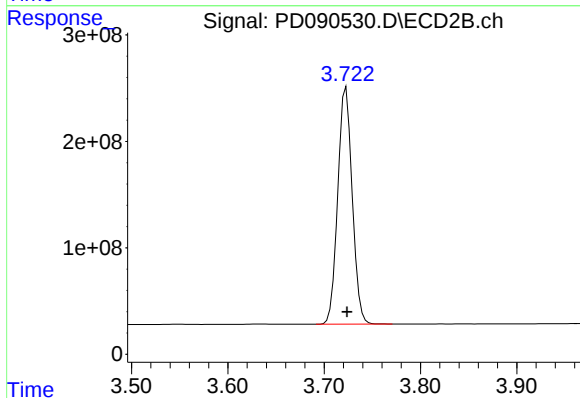
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.006 min
Response: 393955067
Conc: 59.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

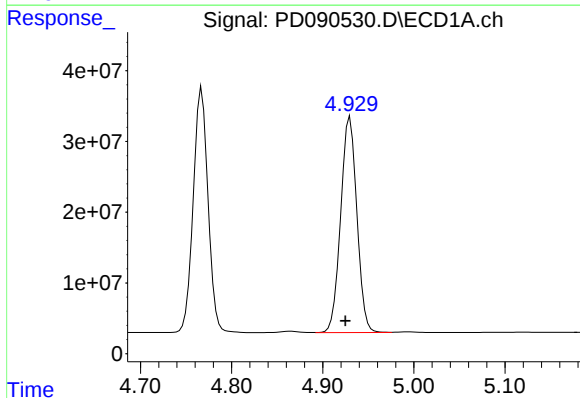
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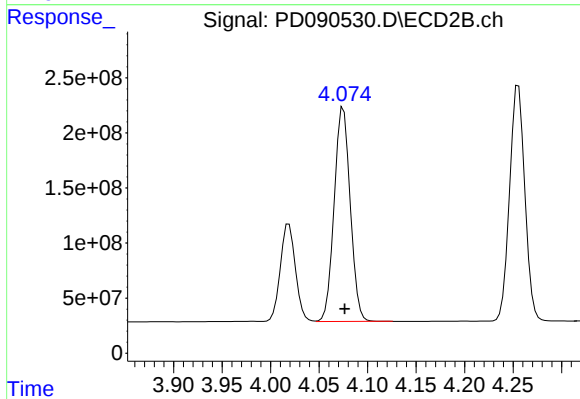
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2317808846
Conc: 56.90 ng/ml



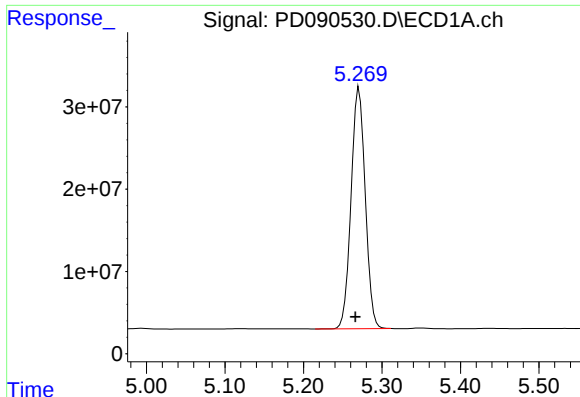
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.005 min
Response: 377031959
Conc: 57.02 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: -0.001 min
Response: 2236817786
Conc: 54.94 ng/ml



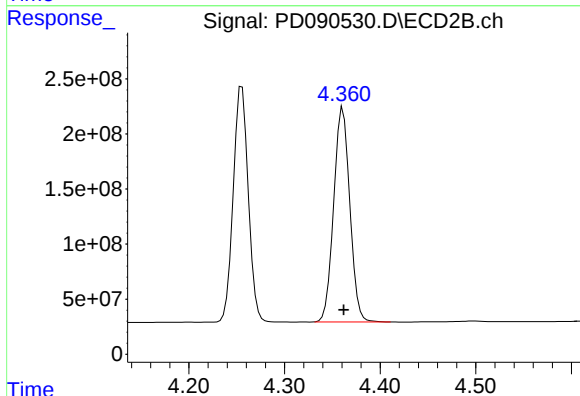
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.005 min
Response: 367582374
Conc: 57.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

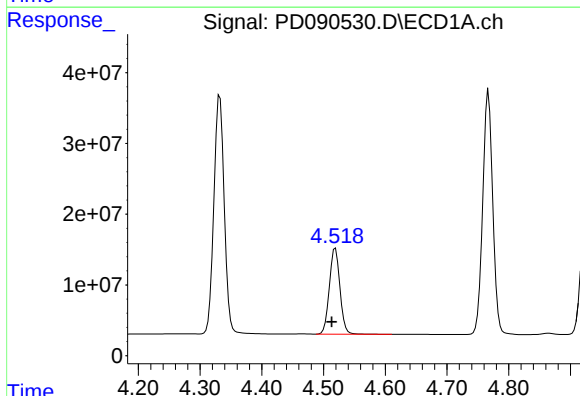
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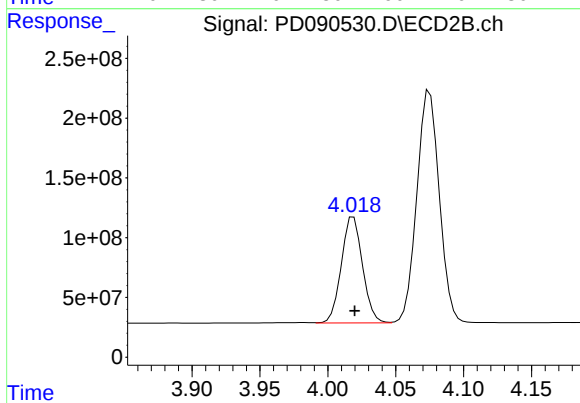
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 2276695936
Conc: 57.01 ng/ml



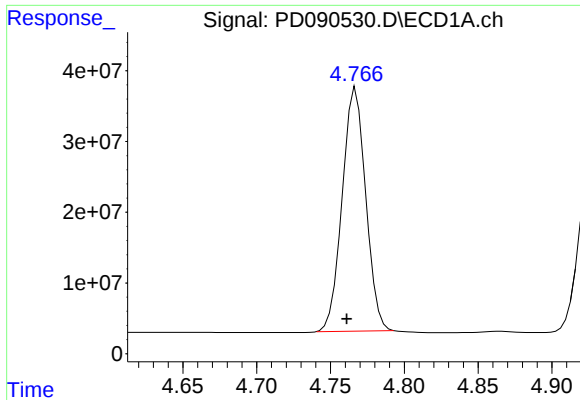
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.006 min
Response: 144581152
Conc: 56.04 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 961312642
Conc: 55.45 ng/ml



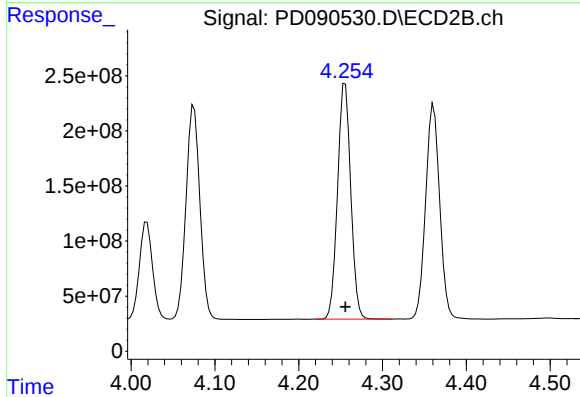
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.005 min
Response: 381870627
Conc: 59.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

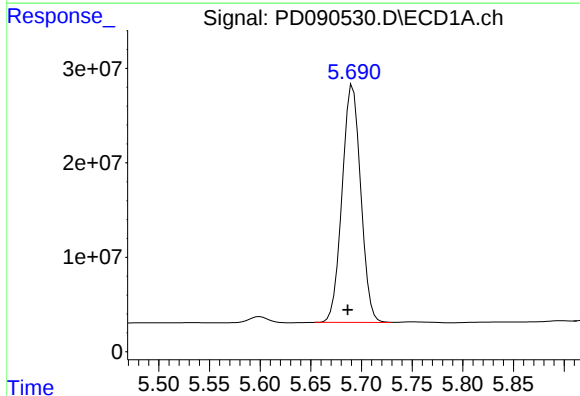
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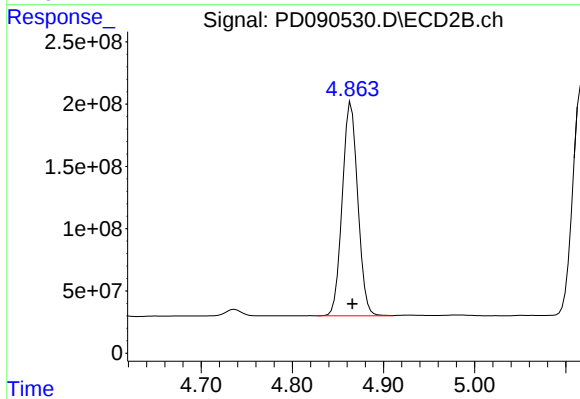
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2341140508
Conc: 56.69 ng/ml



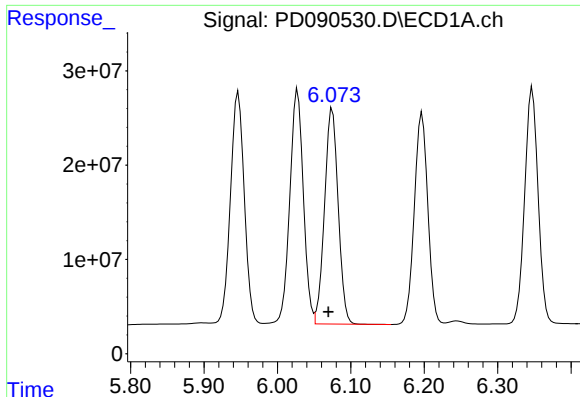
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.004 min
Response: 320832048
Conc: 56.14 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.001 min
Response: 2033168802
Conc: 55.15 ng/ml



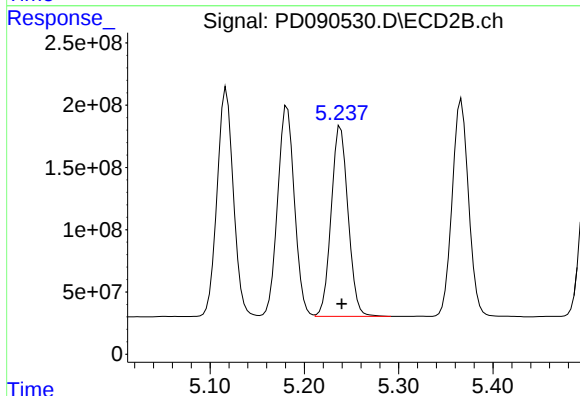
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.005 min
Response: 295440454
Conc: 54.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

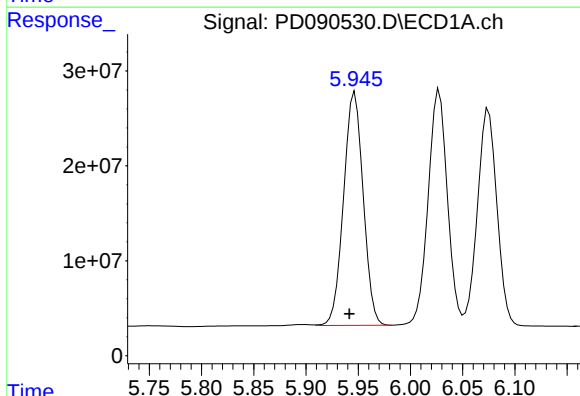
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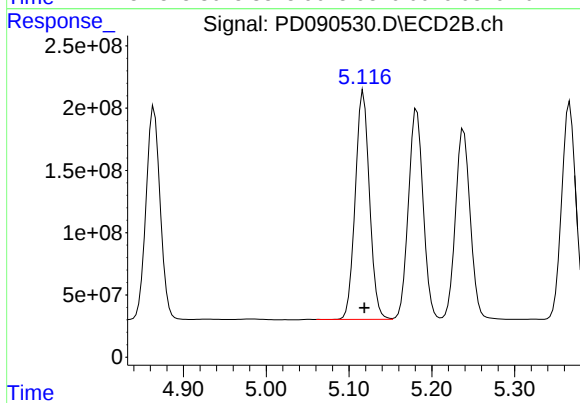
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: -0.001 min
Response: 1898536161
Conc: 54.86 ng/ml



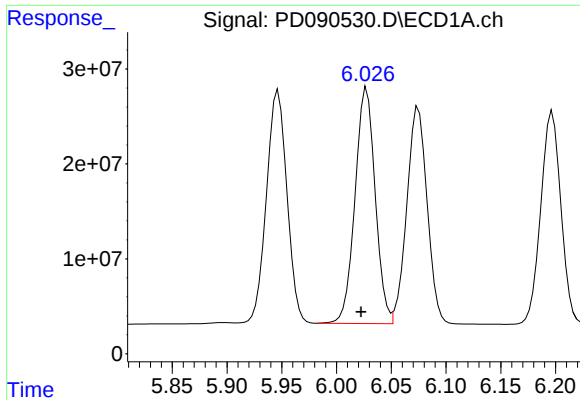
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.005 min
Response: 321028731
Conc: 56.20 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 2190716666
Conc: 55.76 ng/ml



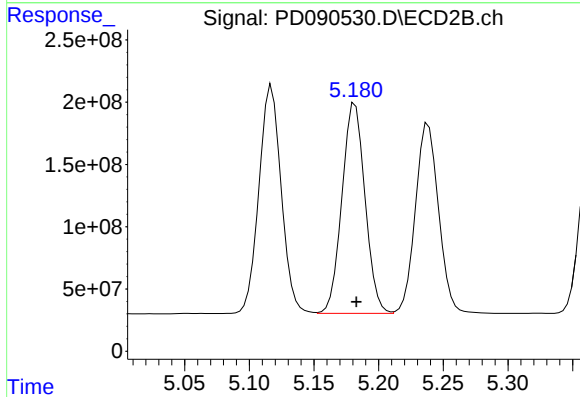
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.005 min
Response: 318681751
Conc: 55.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

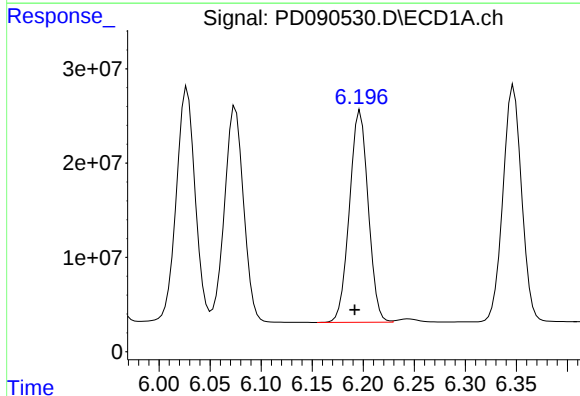
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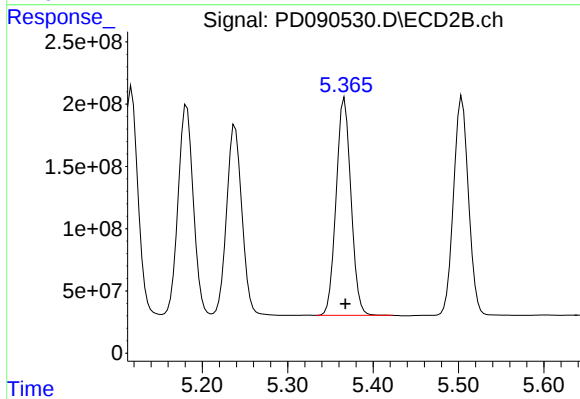
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 2091879283
Conc: 55.54 ng/ml



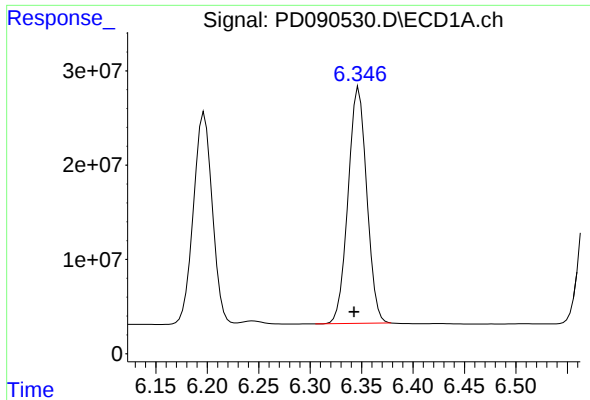
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.005 min
Response: 286797949
Conc: 55.07 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 2108762317
Conc: 55.09 ng/ml



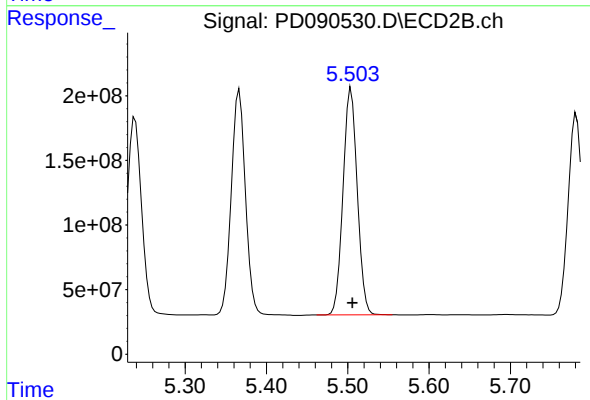
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.005 min
Response: 316596120
Conc: 54.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

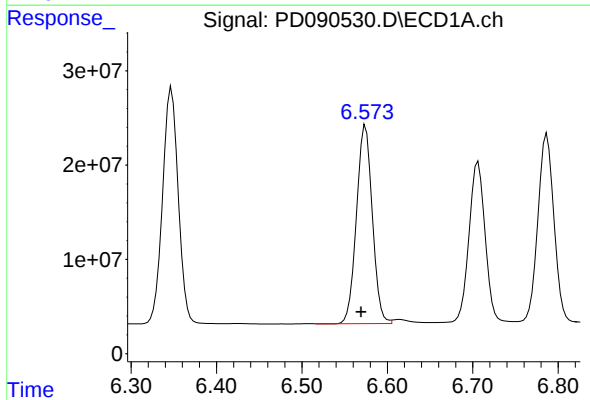
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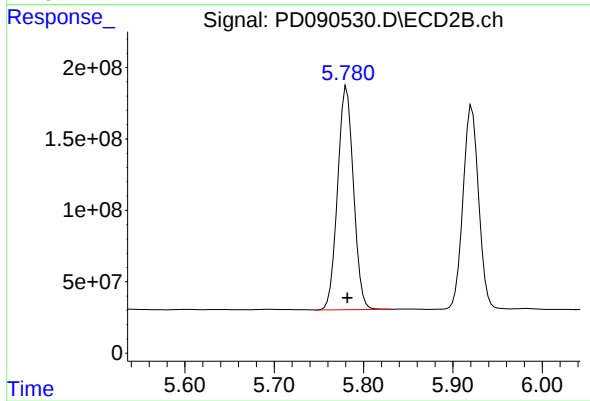
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 2129543094
Conc: 54.68 ng/ml



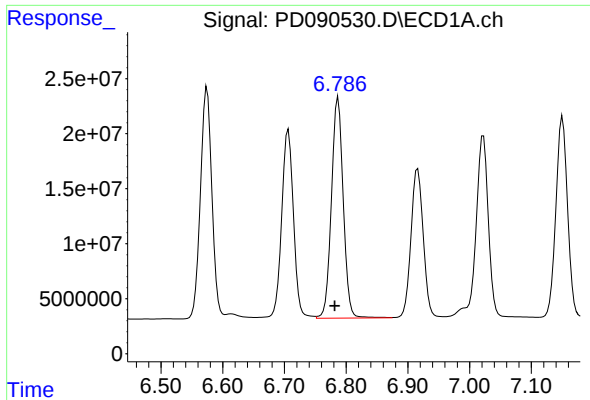
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.005 min
Response: 270968663
Conc: 55.37 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 1925708684
Conc: 53.74 ng/ml



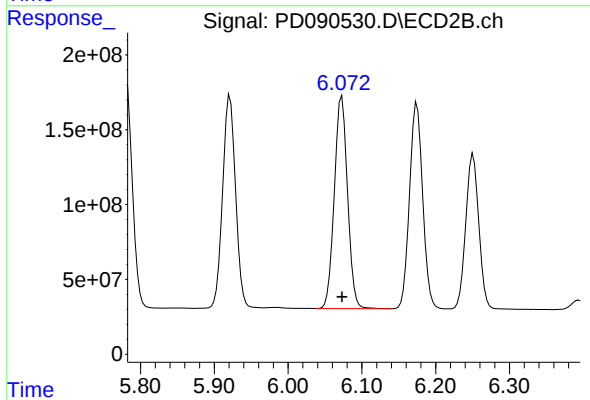
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.005 min
Response: 266921205
Conc: 54.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

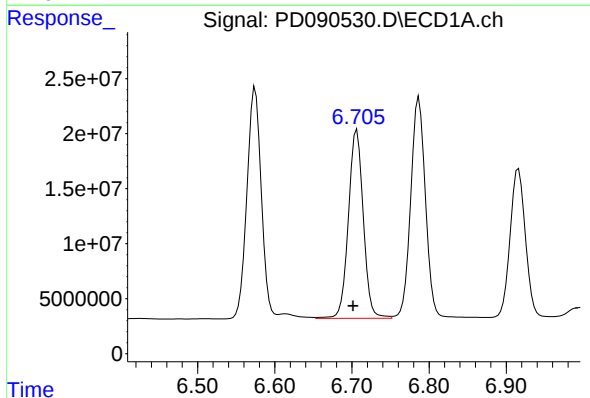
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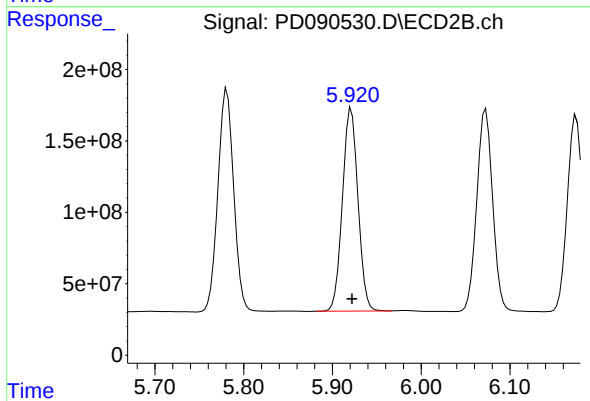
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1767678967
Conc: 52.37 ng/ml



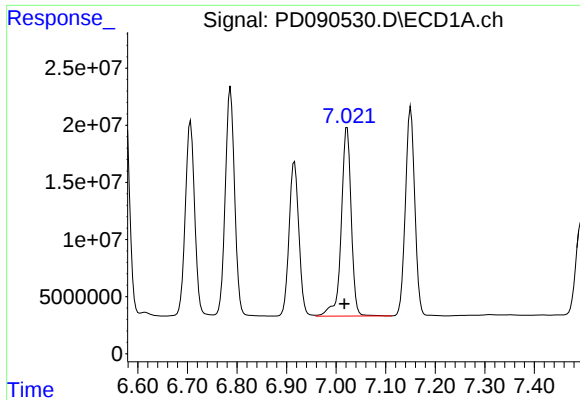
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.005 min
Response: 228939444
Conc: 55.87 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1728970559
Conc: 53.32 ng/ml



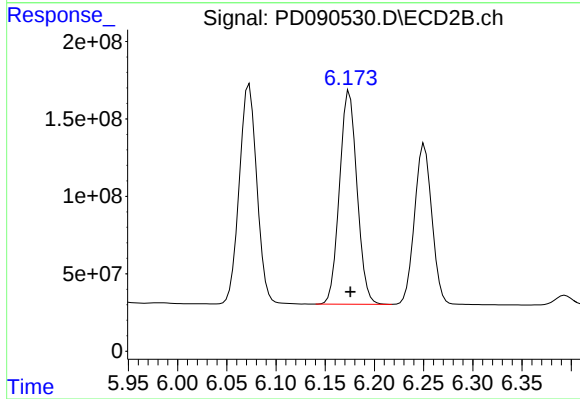
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.005 min
Response: 231316587
Conc: 51.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

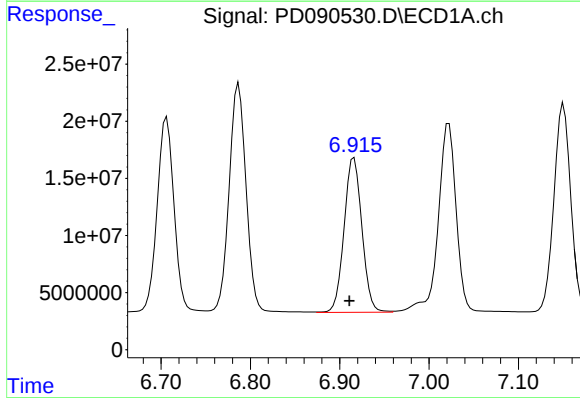
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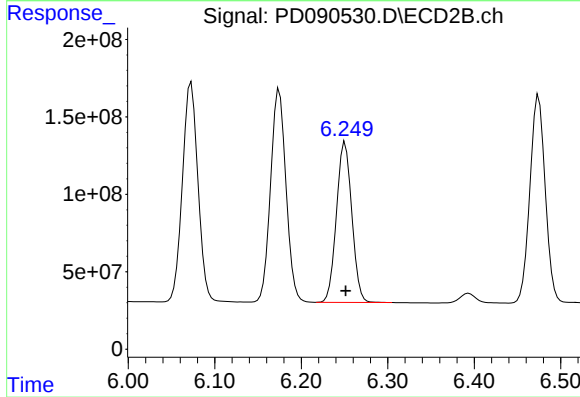
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.001 min
Response: 1708437260
Conc: 49.69 ng/ml



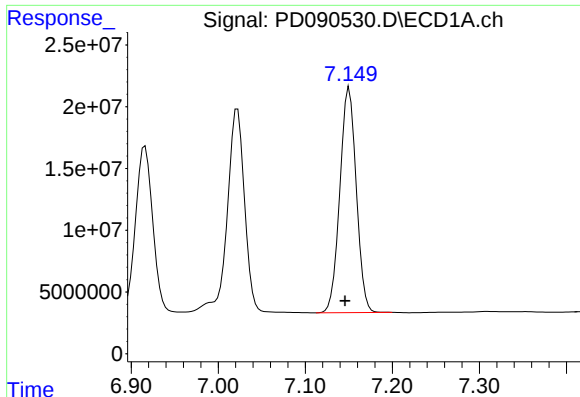
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.005 min
Response: 187618530
Conc: 54.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1270926671
Conc: 53.97 ng/ml



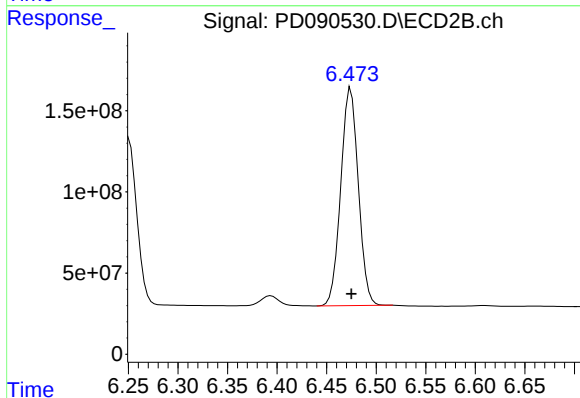
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.005 min
Response: 238738025
Conc: 51.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

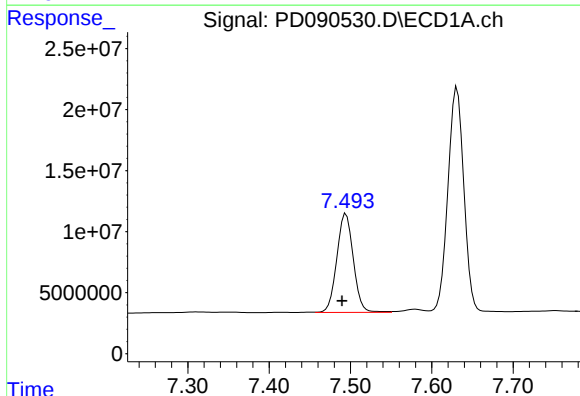
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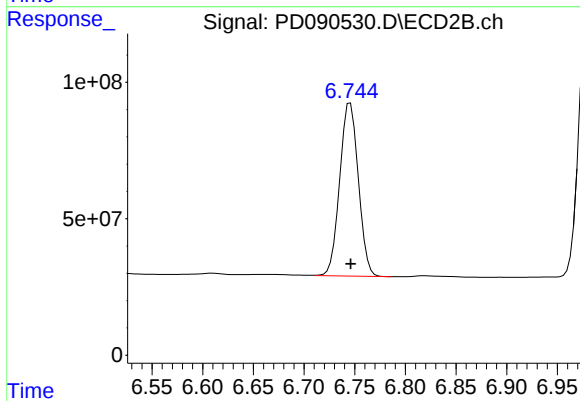
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 1652707591
Conc: 50.56 ng/ml



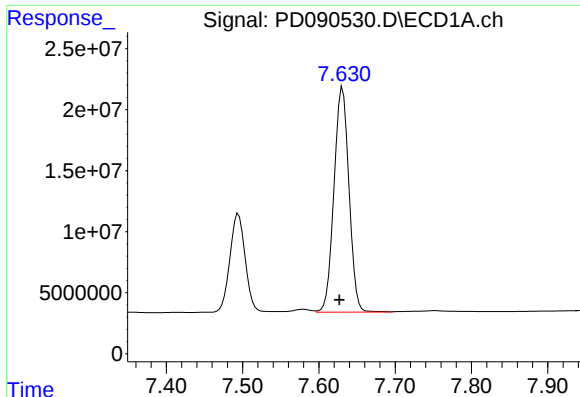
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.005 min
Response: 113891159
Conc: 48.33 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 810459241
Conc: 46.58 ng/ml



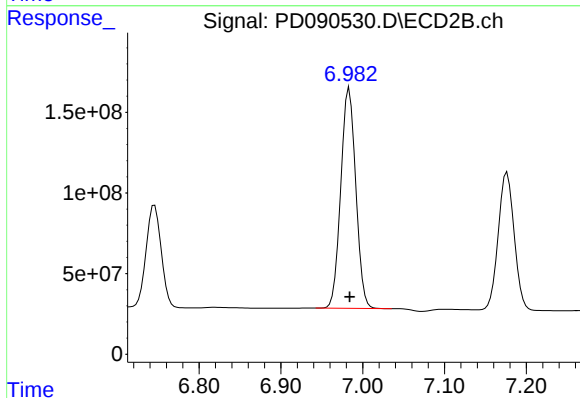
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.004 min
Response: 251223717
Conc: 50.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

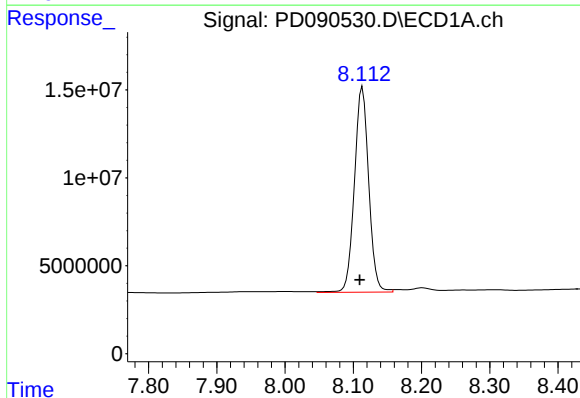
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2025
Supervised By :mohammad ahmed 10/08/2025



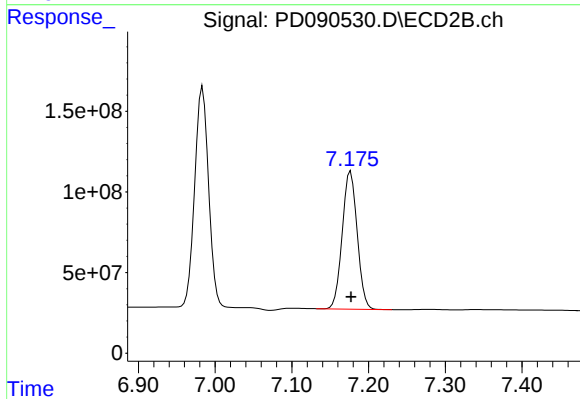
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 1732845221
Conc: 48.00 ng/ml



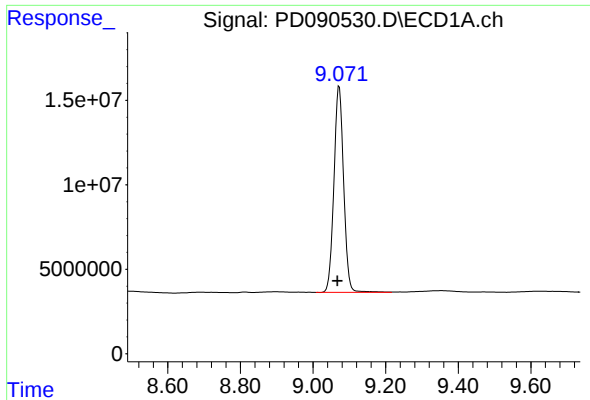
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.004 min
Response: 169783182
Conc: 45.83 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 1159020556
Conc: 41.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.004 min
Response: 227281048
Conc: 47.10 ng/ml

Instrument :

ECD_D

ClientSampleId :

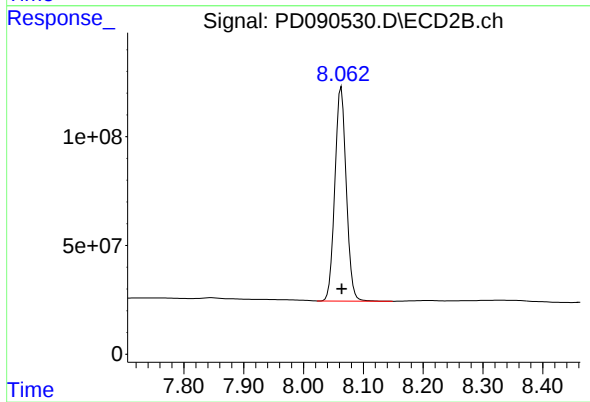
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 1304477081
Conc: 40.24 ng/ml