

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043025\
 Data File : PD088351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2025 11:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/01/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 00:22:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.551	2.881	107.5E6	687.5E6	53.842	47.022m
28)	SA Decachlor...	9.074	8.077	169.4E6	832.2E6	51.207m	45.031
Target Compounds							
2)	A alpha-BHC	4.000	3.395	243.9E6	1112.9E6	56.560	48.680
3)	MA gamma-BHC...	4.331	3.731	238.5E6	1039.7E6	56.952	48.273
4)	MA Heptachlor	4.931	4.085	225.8E6	1029.0E6	55.917	48.090
5)	MB Aldrin	5.273	4.370	225.3E6	1020.5E6	57.036	49.058m
6)	B beta-BHC	4.516	4.027	89366958	449.0E6	55.050	48.517
7)	B delta-BHC	4.763	4.264	235.1E6	1053.4E6	57.002m	49.544
8)	B Heptachlo...	5.692	4.875	209.6E6	920.2E6	58.637	48.701
9)	A Endosulfan I	6.075	5.249	195.2E6	734.2E6	57.813	40.762 #
10)	B gamma-Chl...	5.946	5.128	202.8E6	990.4E6	55.979m	48.799
11)	B alpha-Chl...	6.026	5.193	205.8E6	947.5E6	57.018m	48.334
12)	B 4,4'-DDE	6.197	5.376	181.2E6	954.6E6	54.943	48.474m
13)	MA Dieldrin	6.348	5.516	205.2E6	975.8E6	57.502	48.954
14)	MA Endrin	6.575	5.792	167.8E6	905.3E6	56.260	49.735
15)	B Endosulfa...	6.787	6.083	174.5E6	848.2E6	55.824	48.410
16)	A 4,4'-DDD	6.705	5.932	150.0E6	810.9E6	59.639m	49.488
17)	MA 4,4'-DDT	7.022	6.187	151.5E6	801.2E6	54.543	47.086
18)	B Endrin al...	6.916	6.261	123.4E6	613.3E6	53.478	46.106
19)	B Endosulfa...	7.150	6.485	158.3E6	808.2E6	55.054	47.169
20)	A Methoxychlor	7.494	6.758	75283732	413.5E6	50.204	45.336
21)	B Endrin ke...	7.631	6.995	169.8E6	875.7E6	55.002	46.816
22)	Mirex	8.115	7.188	130.5E6	686.4E6	55.583	46.311

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD043025\
Data File : PD088351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2025 11:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

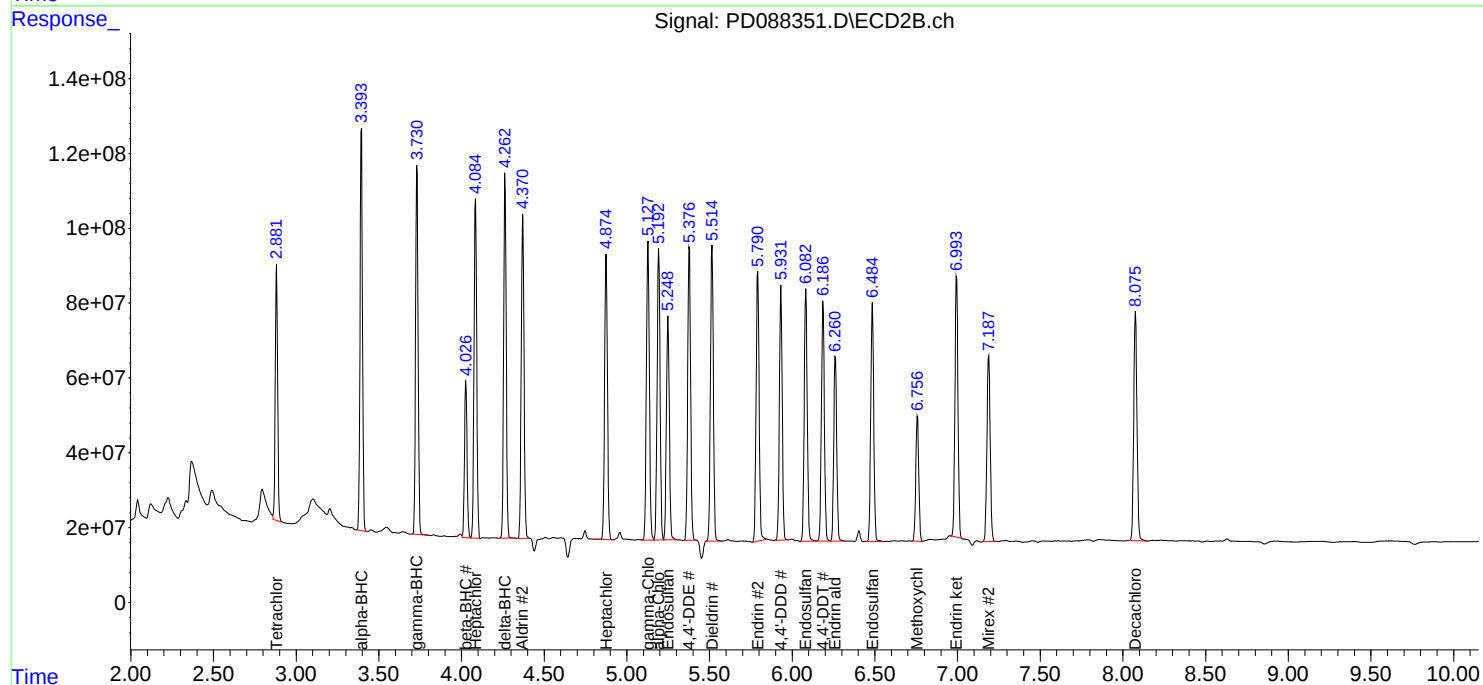
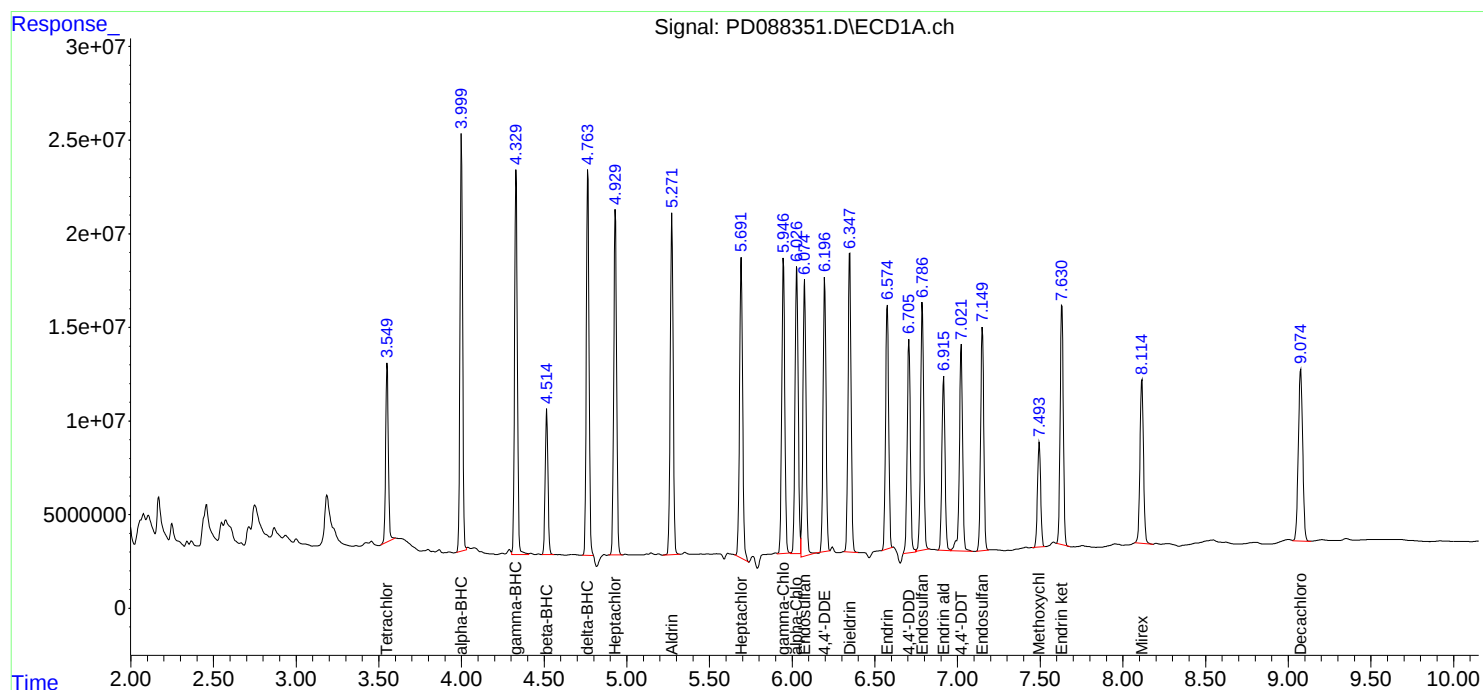
APPROVED

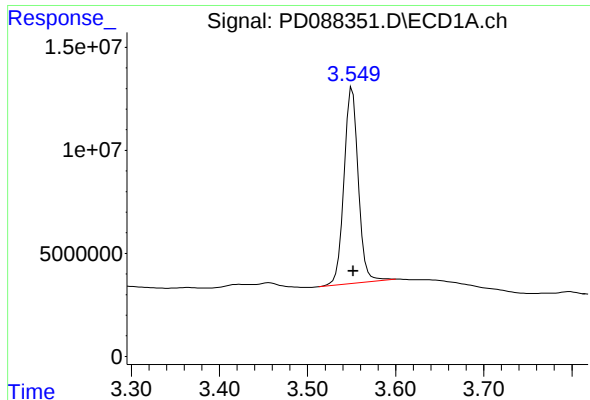
Reviewed By :Abdul Mirza 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 00:22:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





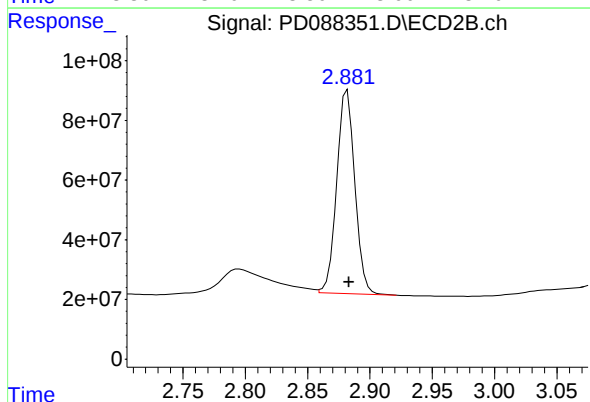
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 107544001
Conc: 53.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

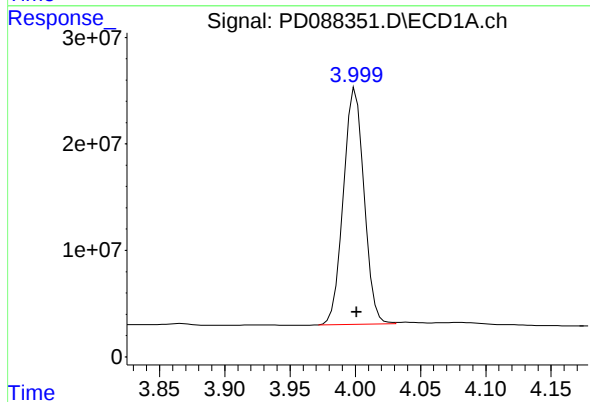
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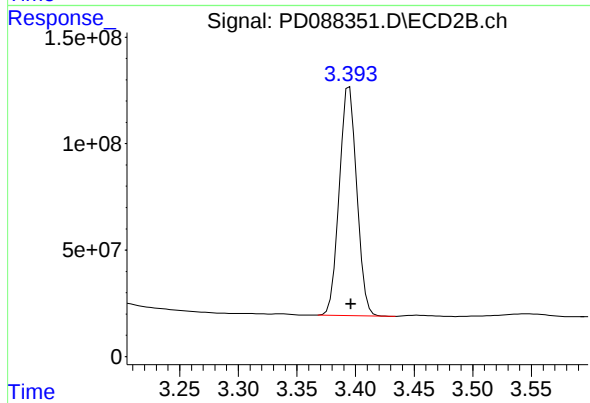
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.003 min
Response: 687542694
Conc: 47.02 ng/ml



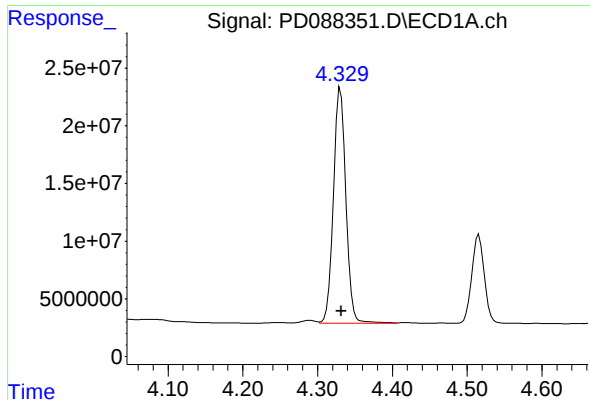
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 243886084
Conc: 56.56 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1112890080
Conc: 48.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 238487657
Conc: 56.95 ng/ml

Instrument :

ECD_D

ClientSampleId :

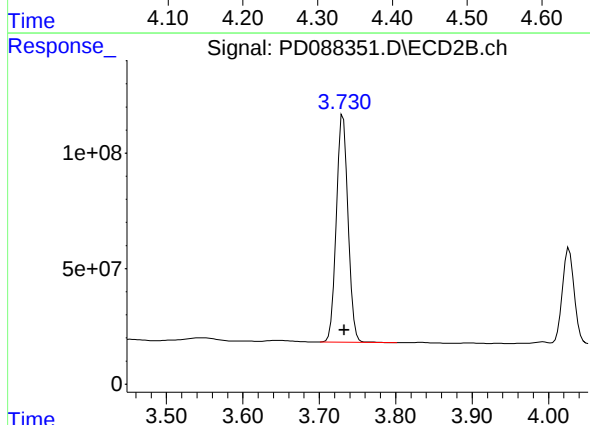
PSTDCCC050

Manual Integrations

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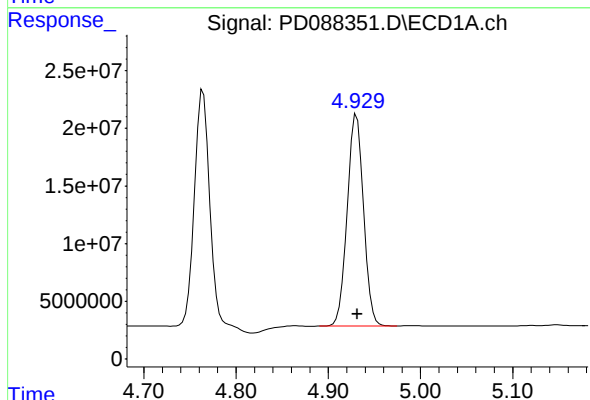
Reviewed By :Abdul Mirza 05/01/2025

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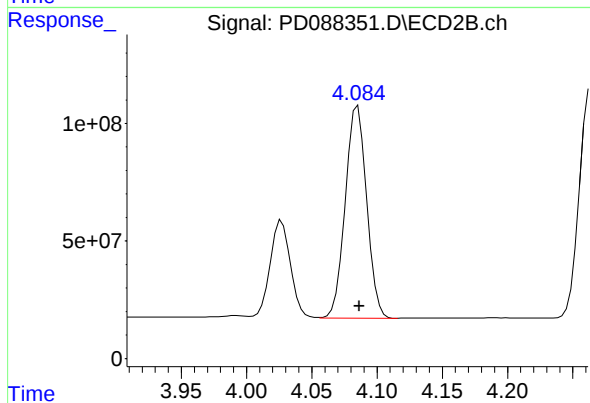
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 1039735468
Conc: 48.27 ng/ml



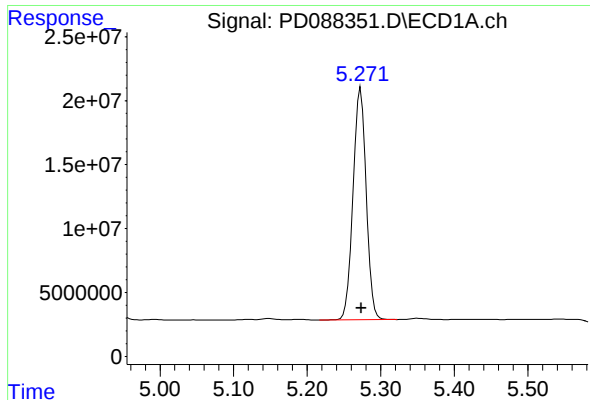
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 225844538
Conc: 55.92 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 1029039943
Conc: 48.09 ng/ml



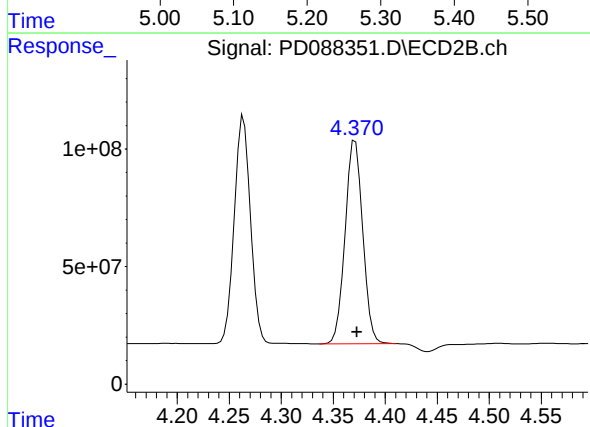
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 225270311
Conc: 57.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

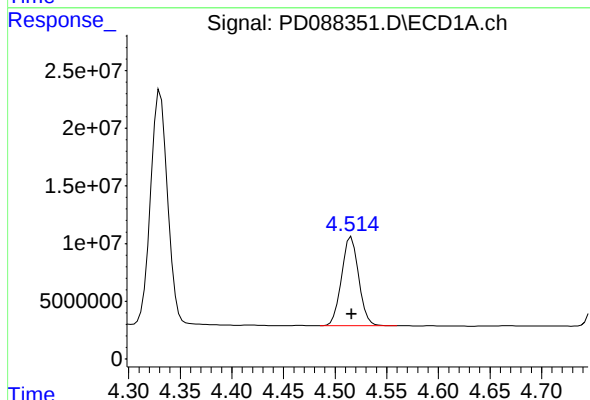
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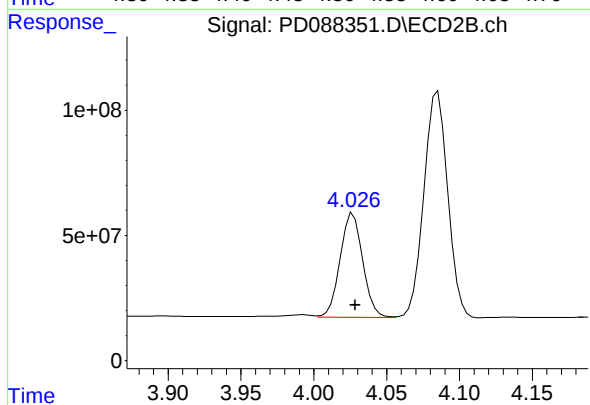
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.003 min
Response: 1020541423
Conc: 49.06 ng/ml



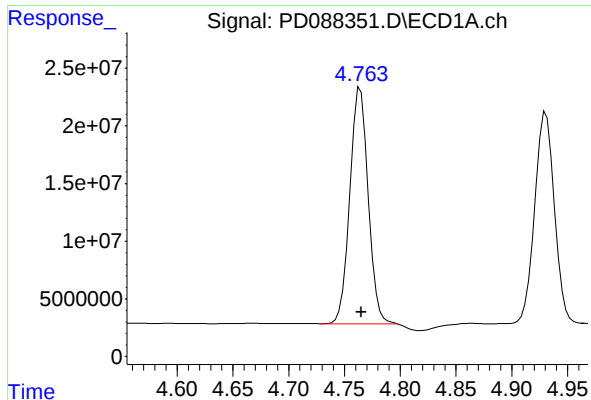
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 89366958
Conc: 55.05 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 448983833
Conc: 48.52 ng/ml



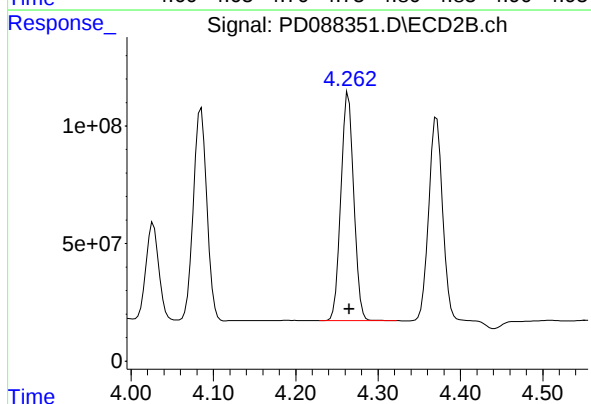
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: -0.002 min
Response: 235132353
Conc: 57.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

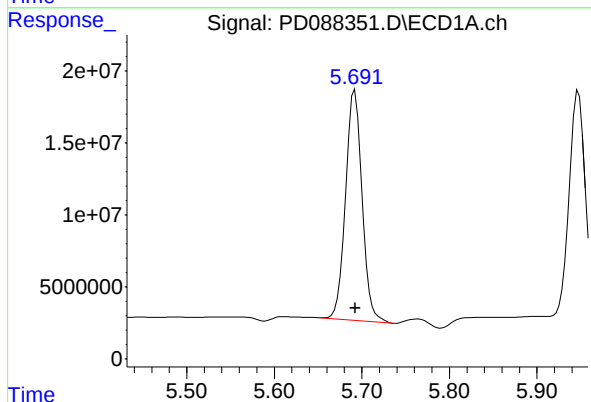
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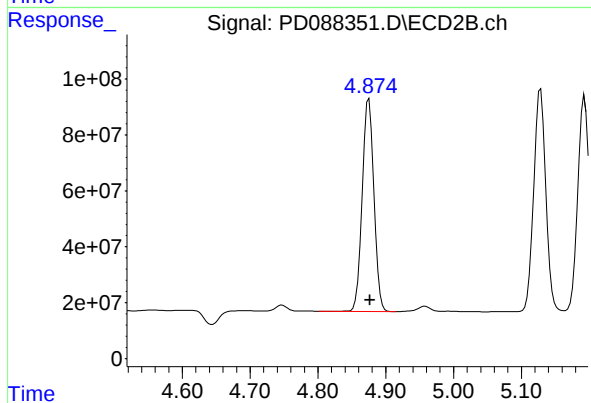
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 1053391428
Conc: 49.54 ng/ml



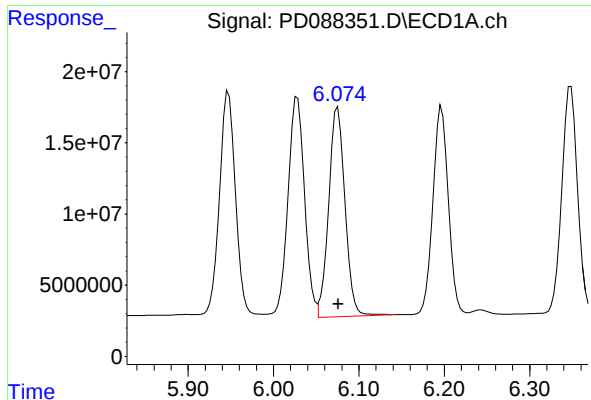
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 209564505
Conc: 58.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 920162892
Conc: 48.70 ng/ml



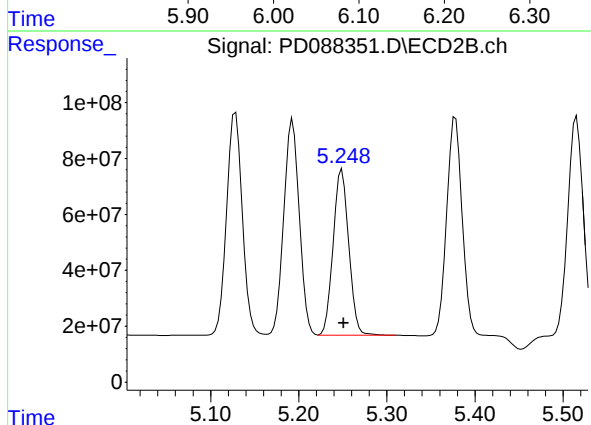
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 195243580
Conc: 57.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

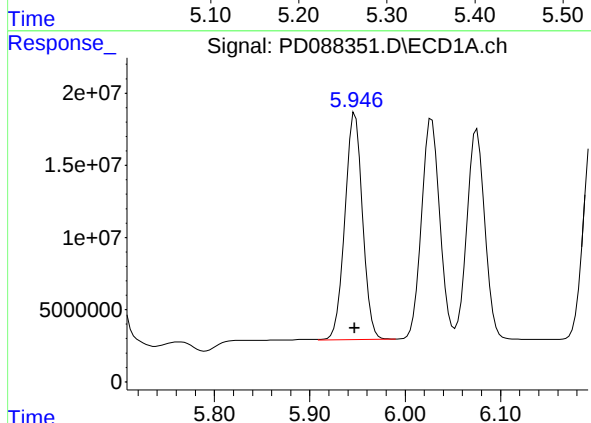
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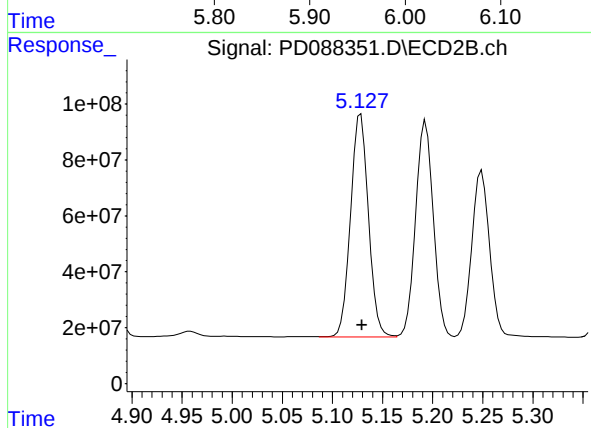
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 734224629
Conc: 40.76 ng/ml



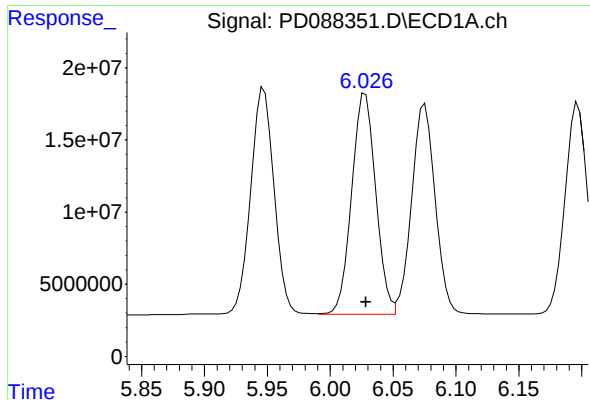
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 202757734
Conc: 55.98 ng/ml m



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 990429009
Conc: 48.80 ng/ml



#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 205809792
Conc: 57.02 ng/ml

Instrument :

ECD_D

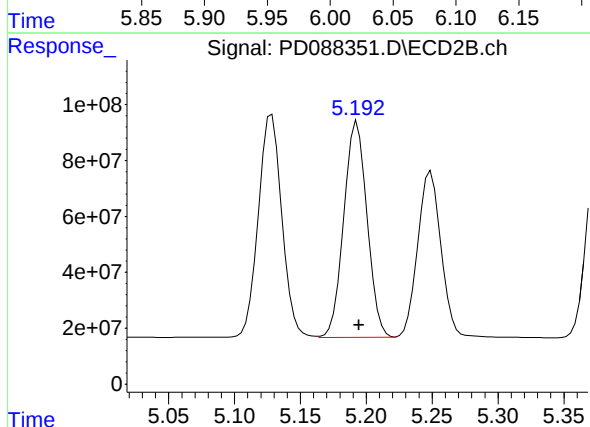
ClientSampleId :

PSTDCCC050

Manual Integrations

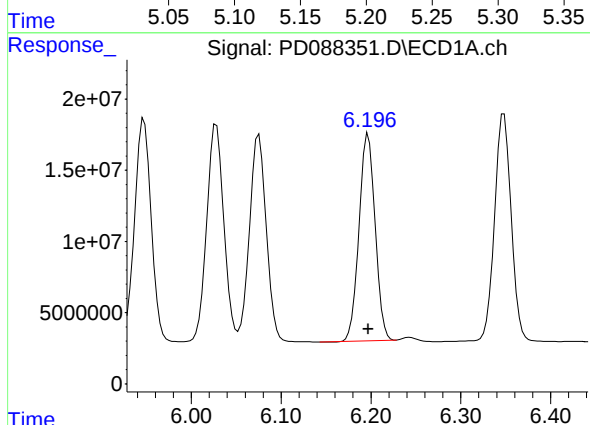
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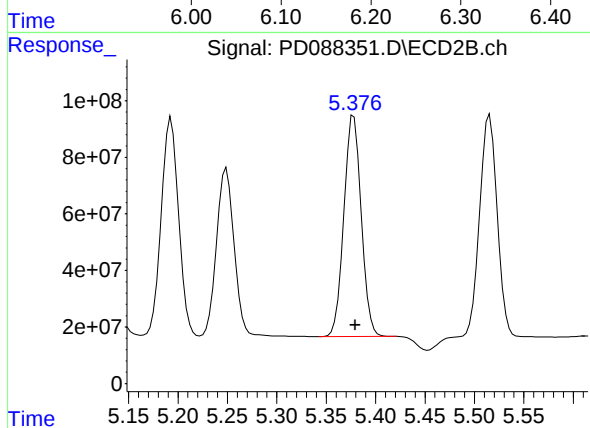
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.001 min
Response: 947480501
Conc: 48.33 ng/ml



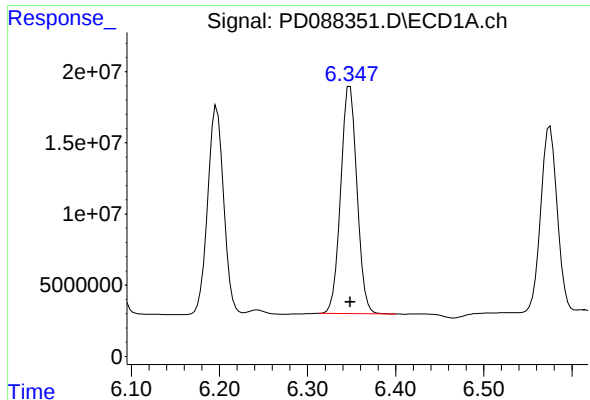
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 181215381
Conc: 54.94 ng/ml



#12 4,4'-DDE

R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 954643604
Conc: 48.47 ng/ml m



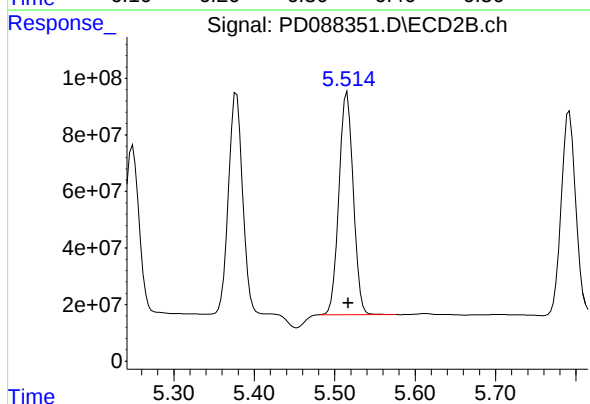
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 205197167
Conc: 57.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

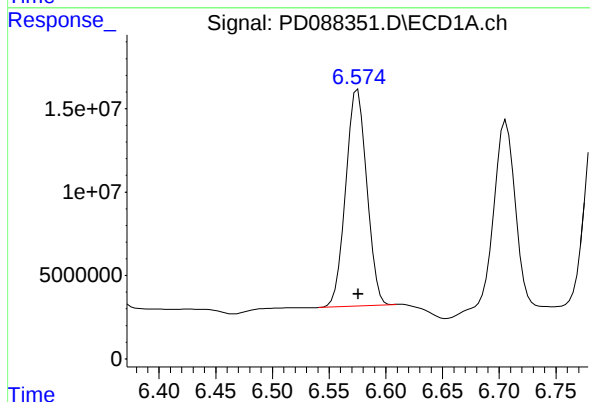
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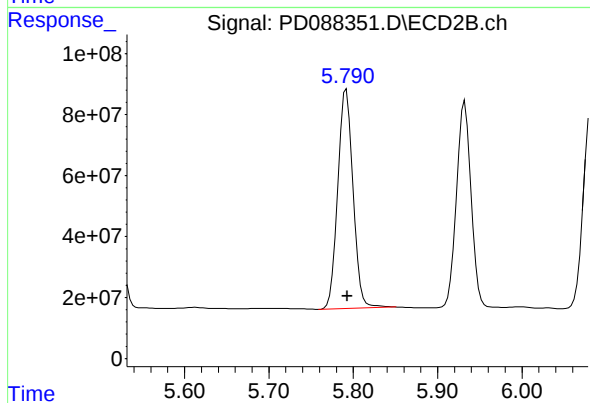
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 975790640
Conc: 48.95 ng/ml



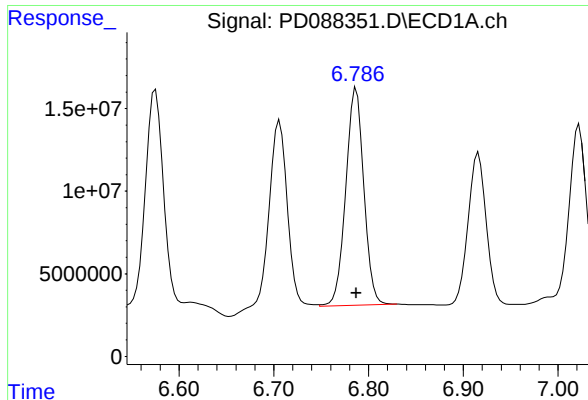
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 167799800
Conc: 56.26 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: -0.001 min
Response: 905289618
Conc: 49.73 ng/ml



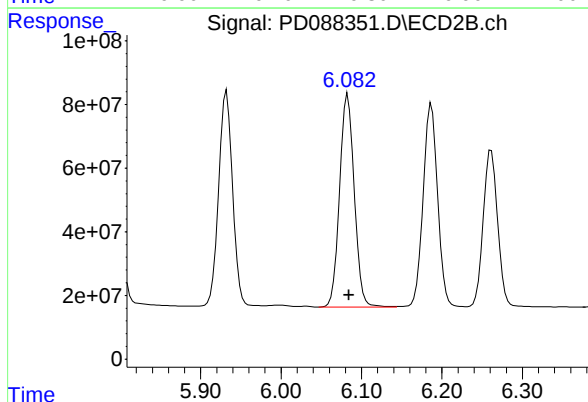
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 174518420
Conc: 55.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

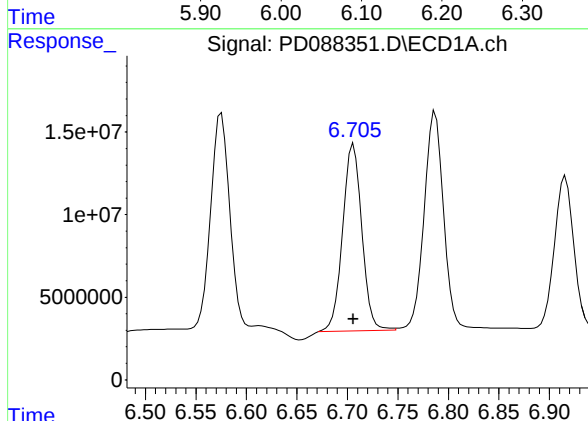
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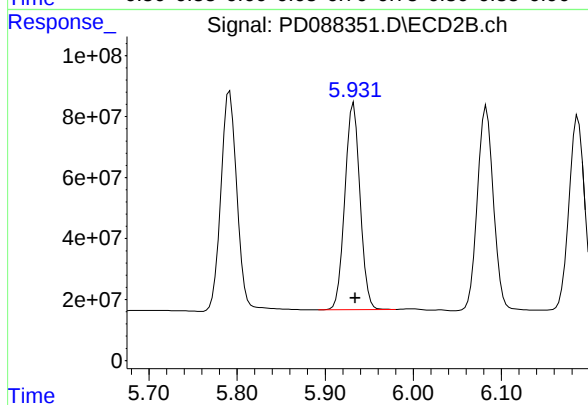
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 848231125
Conc: 48.41 ng/ml



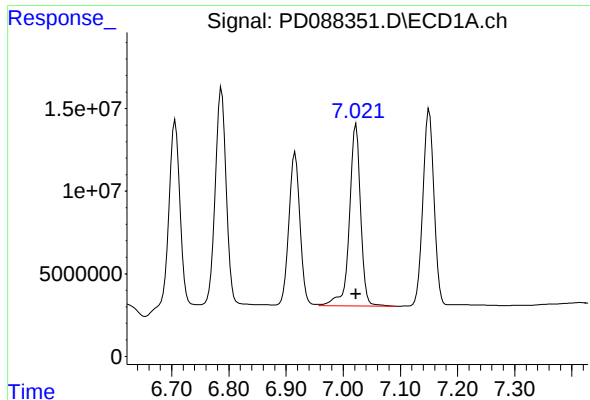
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 149989299
Conc: 59.64 ng/ml m



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 810926062
Conc: 49.49 ng/ml



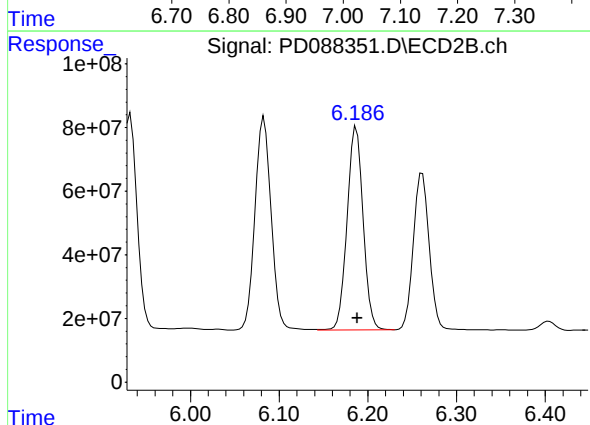
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 151494464
Conc: 54.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

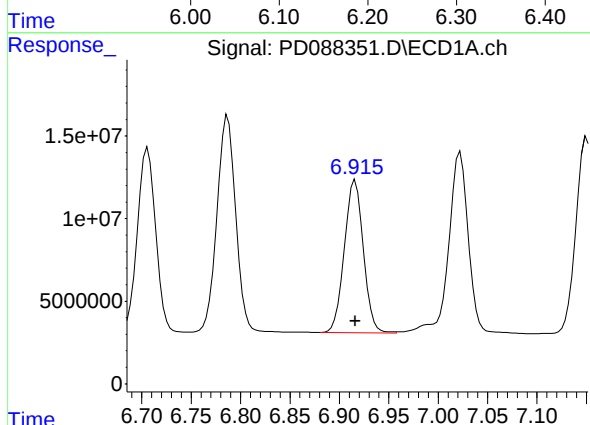
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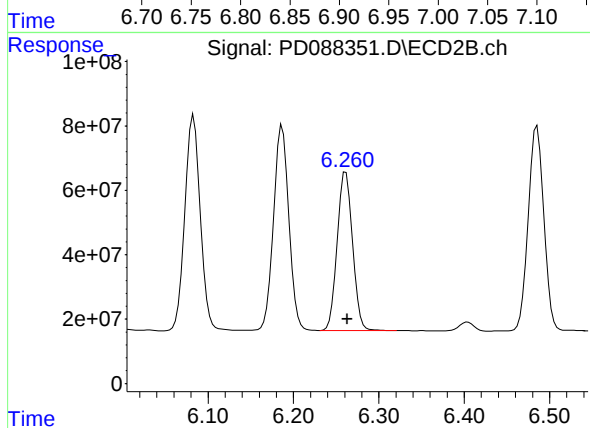
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 801232573
Conc: 47.09 ng/ml



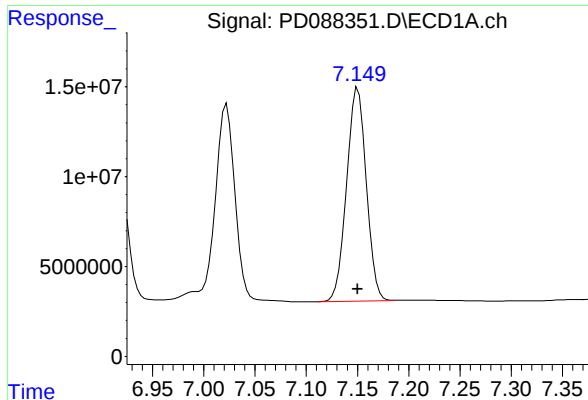
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 123427543
Conc: 53.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 613256690
Conc: 46.11 ng/ml



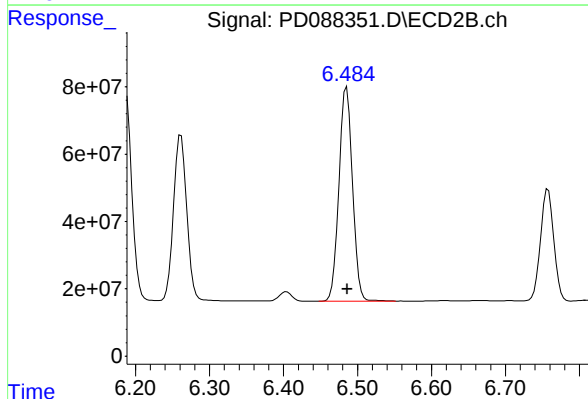
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 158326829
Conc: 55.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

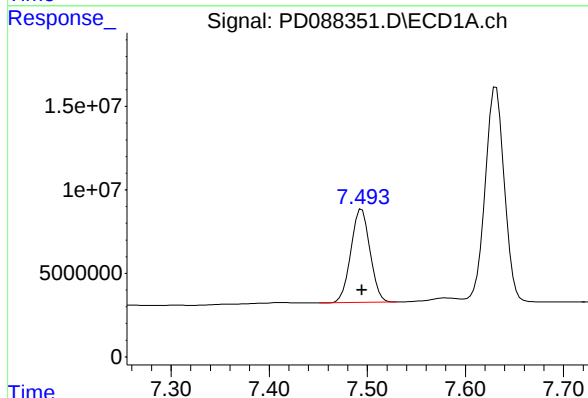
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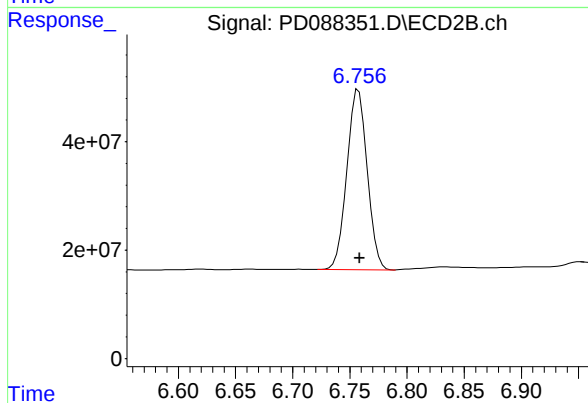
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 808151848
Conc: 47.17 ng/ml



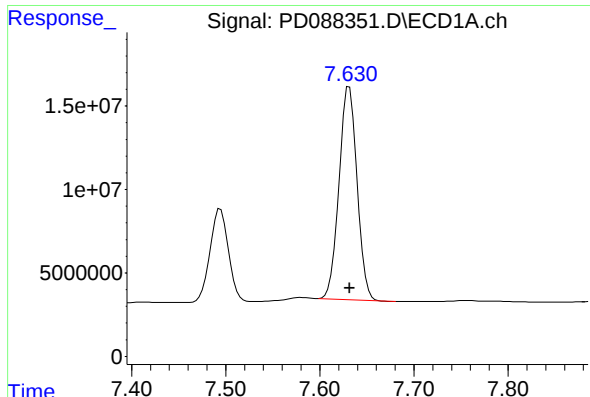
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 75283732
Conc: 50.20 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 413507745
Conc: 45.34 ng/ml



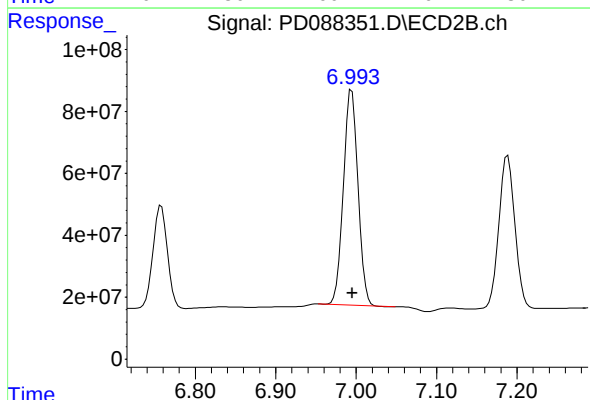
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 169766491
Conc: 55.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

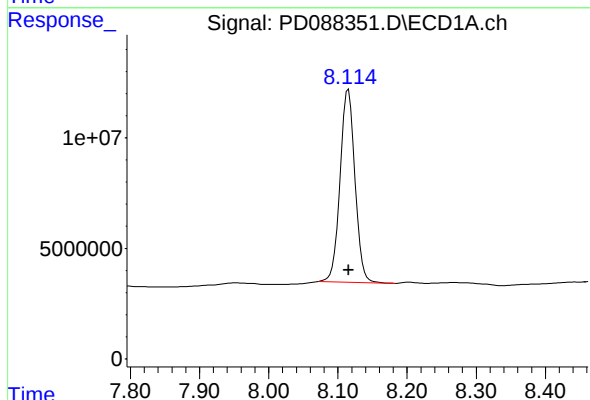
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



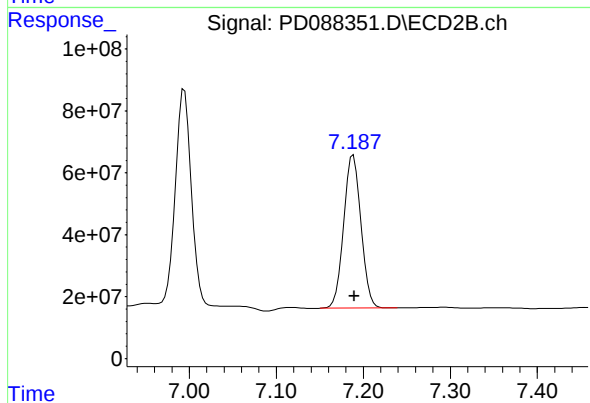
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 875652756
Conc: 46.82 ng/ml



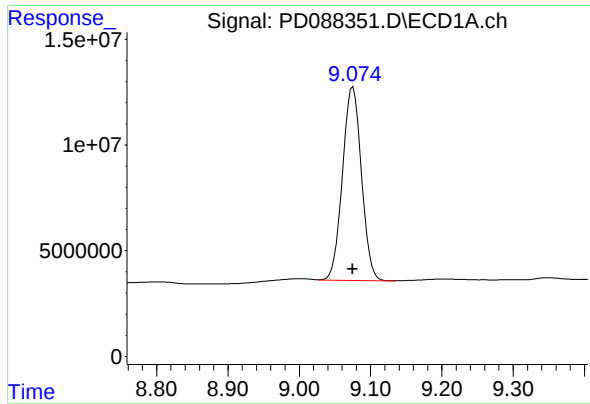
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 130525624
Conc: 55.58 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.001 min
Response: 686369879
Conc: 46.31 ng/ml



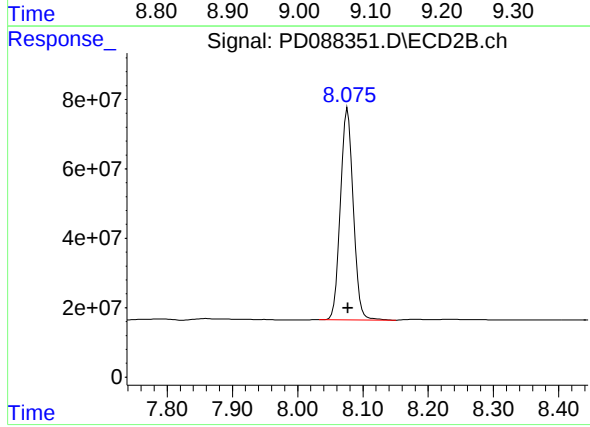
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 169397639
Conc: 51.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 05/02/2025



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 832160320
Conc: 45.03 ng/ml