

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 22:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2025
 Supervised By : mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:49:45 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.552	2.883	111.9E6	764.9E6	56.032	52.311
28)	SA Decachlor...	9.074	8.076	164.1E6	847.4E6	49.612	45.857
Target Compounds							
2)	A alpha-BHC	4.001	3.396	254.7E6	1207.4E6	59.060	52.815
3)	MA gamma-BHC...	4.333	3.733	242.6E6	1113.4E6	57.928	51.691
4)	MA Heptachlor	4.932	4.086	229.8E6	1093.6E6	56.904	51.106
5)	MB Aldrin	5.274	4.373	228.8E6	1105.5E6	57.941	53.143
6)	B beta-BHC	4.517	4.028	91901741	481.5E6	56.611	52.036
7)	B delta-BHC	4.765	4.265	239.1E6	1119.1E6	57.976	52.637
8)	B Heptachlo...	5.693	4.876	202.5E6	979.3E6	56.652	51.831
9)	A Endosulfan I	6.076	5.250	192.0E6	863.8E6	56.851	47.958
10)	B gamma-Chl...	5.948	5.130	208.8E6	1055.0E6	57.660	51.980
11)	B alpha-Chl...	6.029	5.194	205.9E6	1012.7E6	57.055	51.663
12)	B 4,4'-DDE	6.197	5.378	181.9E6	1025.1E6	55.152	52.052m
13)	MA Dieldrin	6.349	5.516	203.9E6	1033.4E6	57.129	51.844
14)	MA Endrin	6.576	5.793	166.5E6	946.4E6	55.835	51.995
15)	B Endosulfa...	6.788	6.082	170.5E6	897.5E6	54.547	51.222m
16)	A 4,4'-DDD	6.706	5.933	144.9E6	858.5E6	57.602	52.389
17)	MA 4,4'-DDT	7.023	6.187	145.8E6	844.6E6	52.492	49.634
18)	B Endrin al...	6.916	6.262	121.2E6	647.8E6	52.511	48.702
19)	B Endosulfa...	7.150	6.485	156.9E6	861.5E6	54.559	50.282
20)	A Methoxychlor	7.494	6.758	75920630	443.1E6	50.629	48.581
21)	B Endrin ke...	7.632	6.994	166.0E6	925.0E6	53.782	49.454
22)	Mirex	8.116	7.189	121.8E6	723.7E6	51.880	48.830

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

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Data File : PD088190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2025 22:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

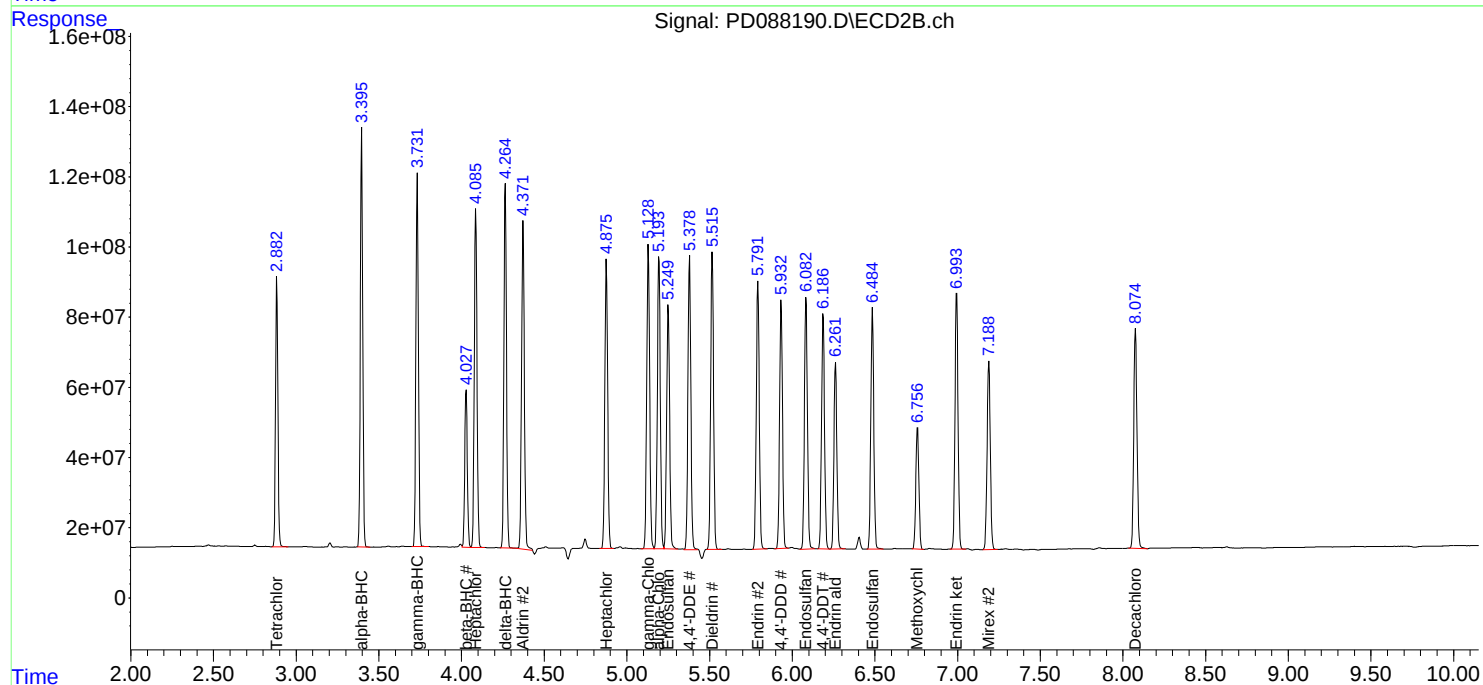
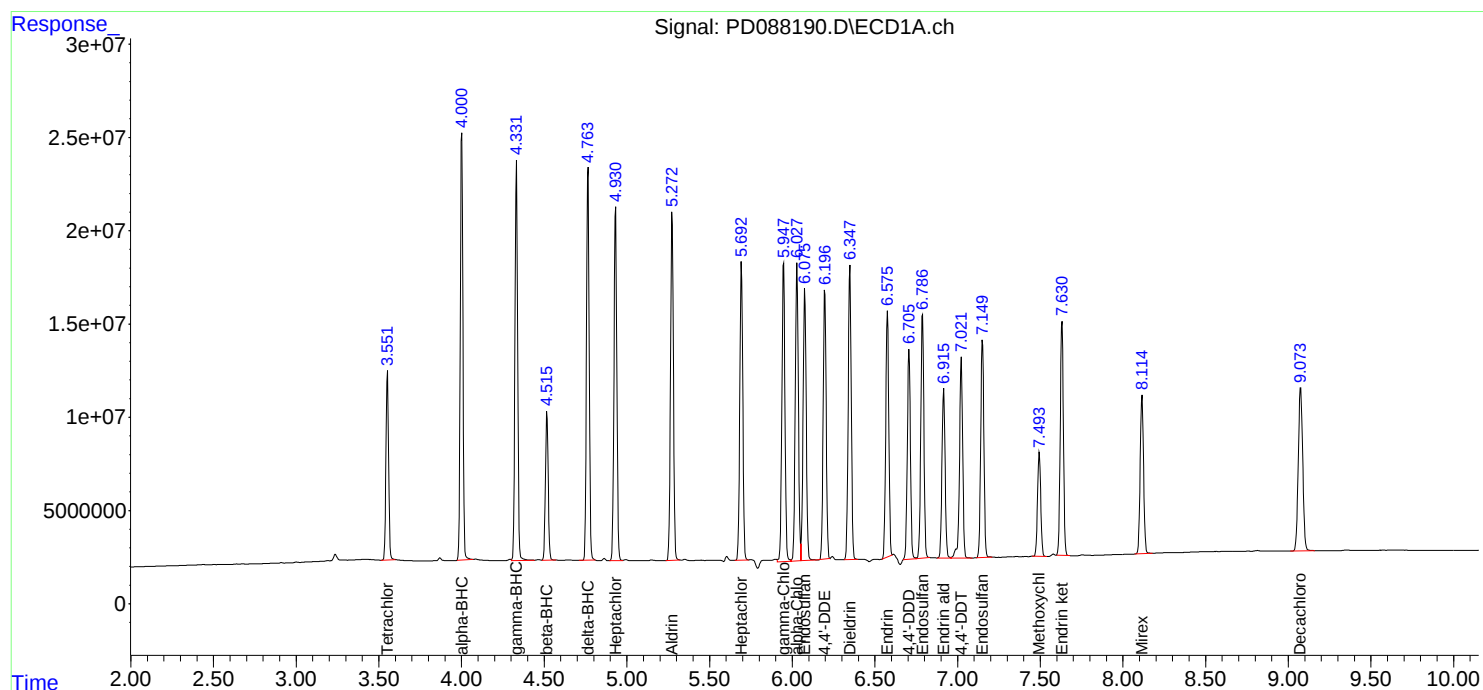
APPROVED

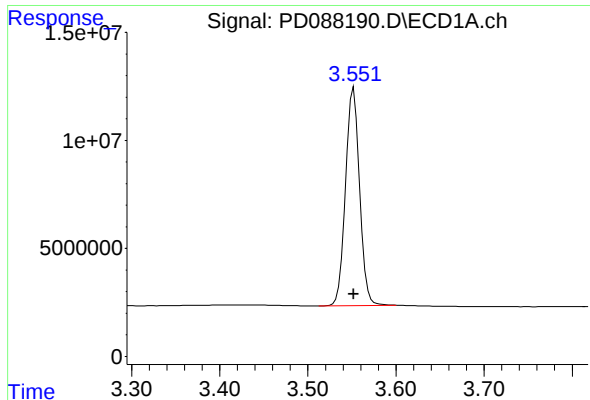
Reviewed By :Abdul Mirza 04/22/2025

Supervised By :mohammad ahmed 04/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 22:49:45 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





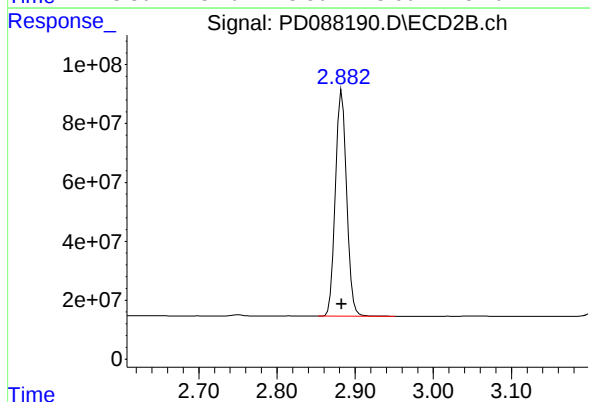
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 111917914
Conc: 56.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

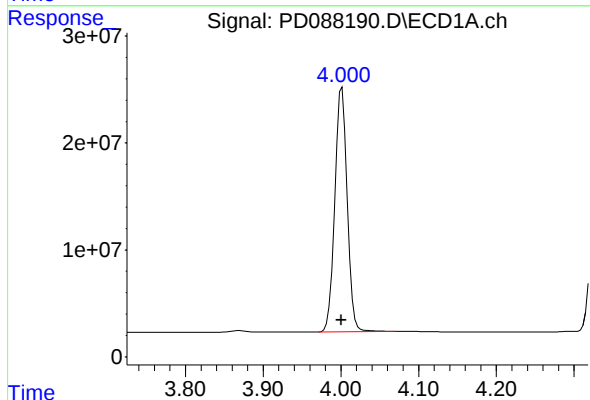
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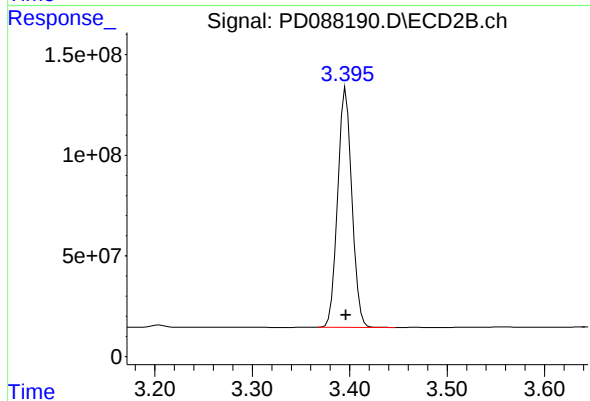
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 764865032
Conc: 52.31 ng/ml



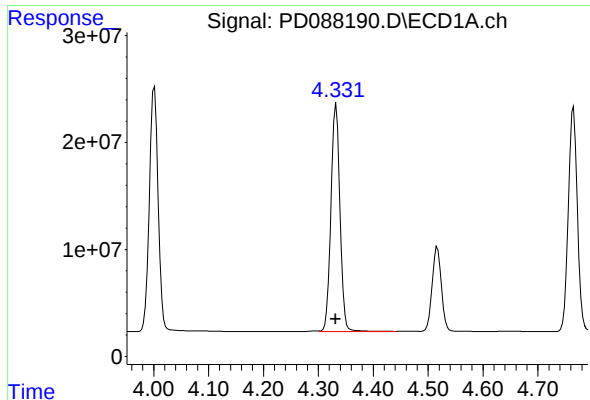
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 254667246
Conc: 59.06 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 1207437306
Conc: 52.82 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 242573240
Conc: 57.93 ng/ml

Instrument :

ECD_D

ClientSampleId :

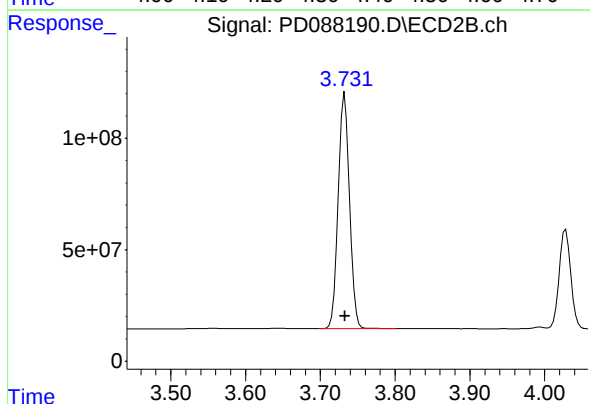
PSTDCCC050

Manual Integrations

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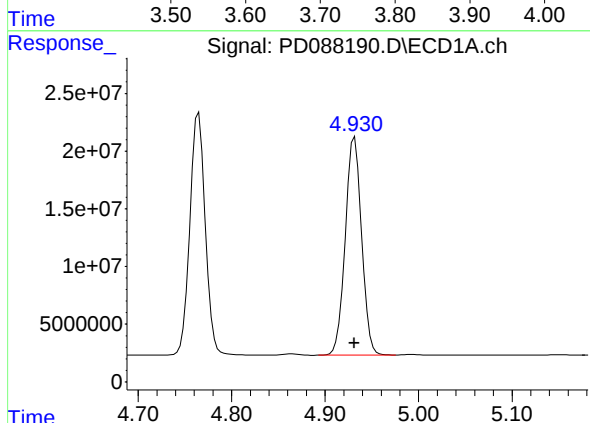
Reviewed By :Abdul Mirza 04/22/2025

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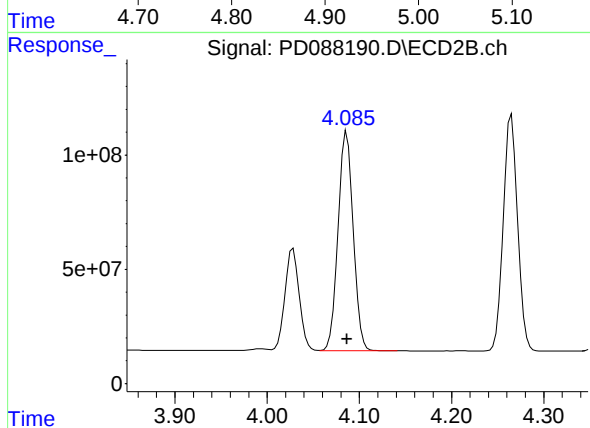
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 1113355213
Conc: 51.69 ng/ml



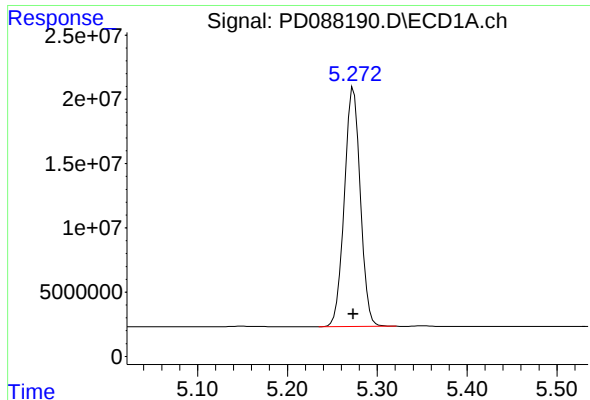
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 229831566
Conc: 56.90 ng/ml



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 1093577200
Conc: 51.11 ng/ml



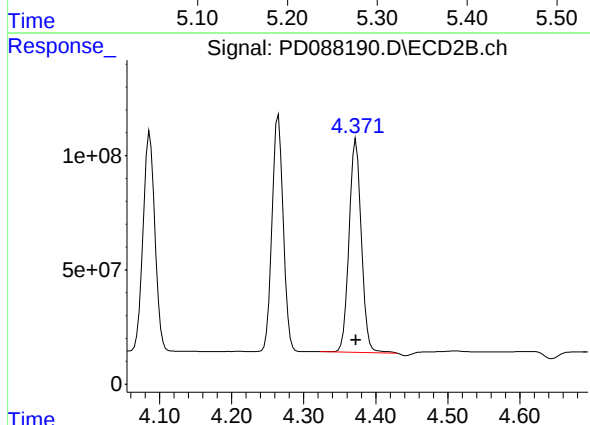
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 228842196
Conc: 57.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

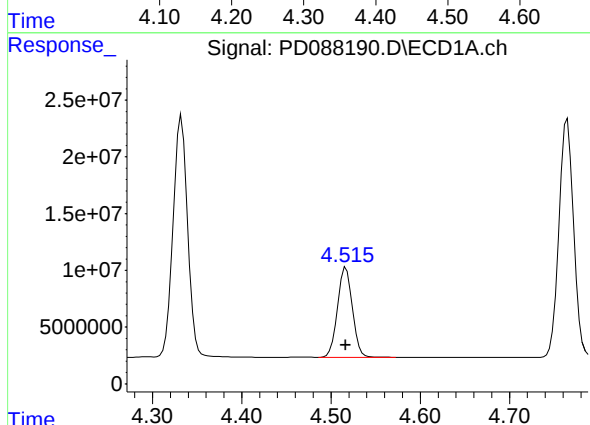
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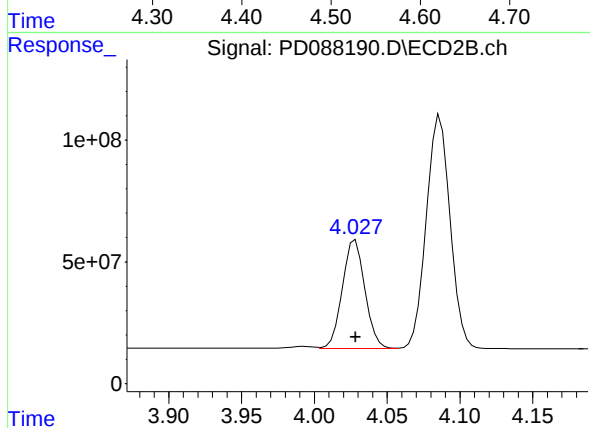
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 1105521955
Conc: 53.14 ng/ml



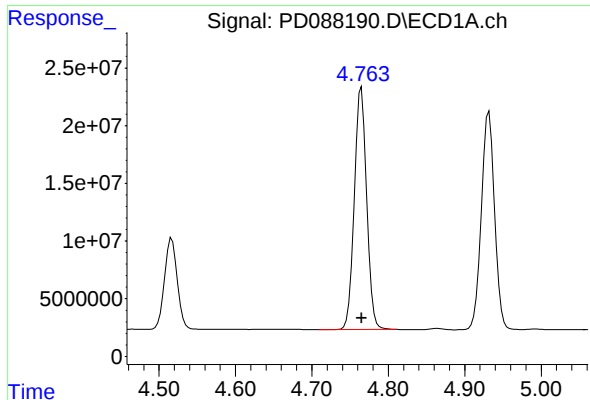
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 91901741
Conc: 56.61 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 481548714
Conc: 52.04 ng/ml



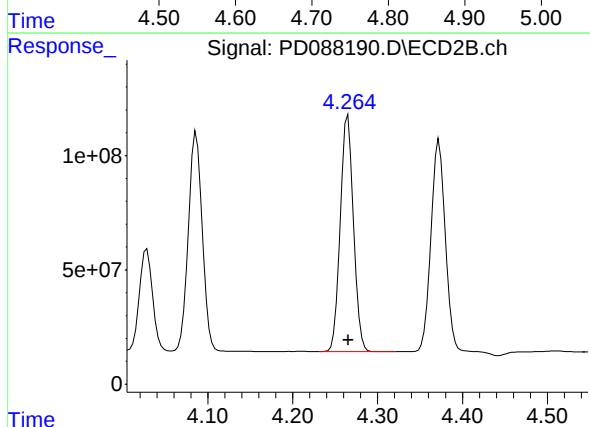
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 239149891
Conc: 57.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

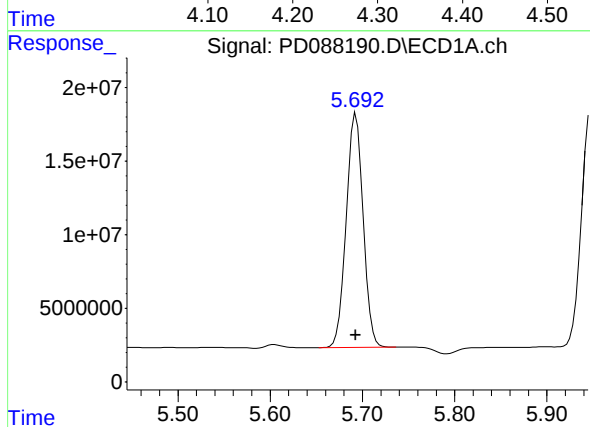
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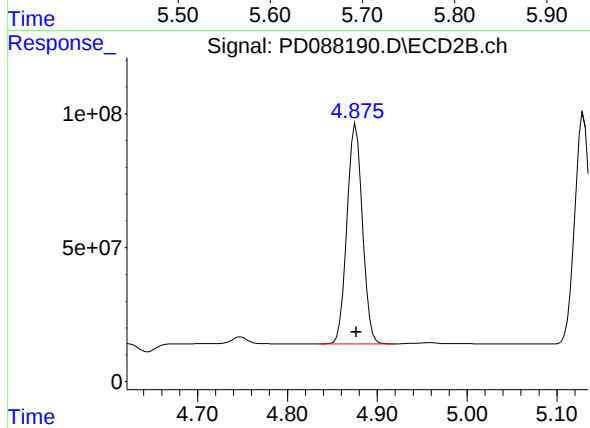
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1119137363
Conc: 52.64 ng/ml



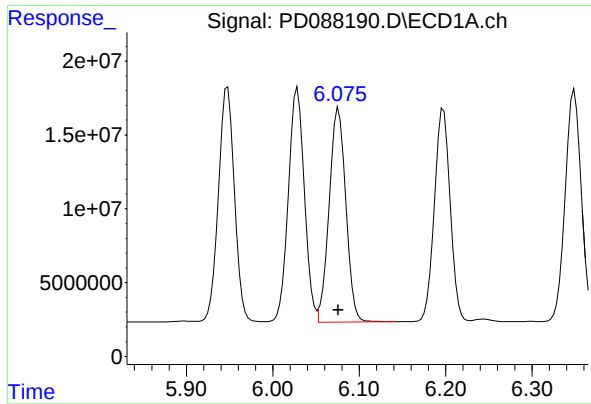
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 202472917
Conc: 56.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 979302844
Conc: 51.83 ng/ml



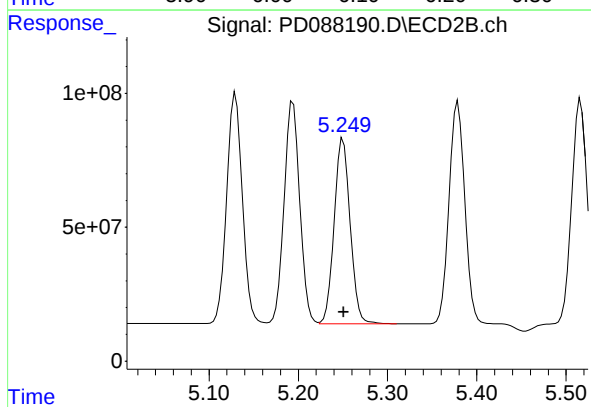
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 191993896
Conc: 56.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

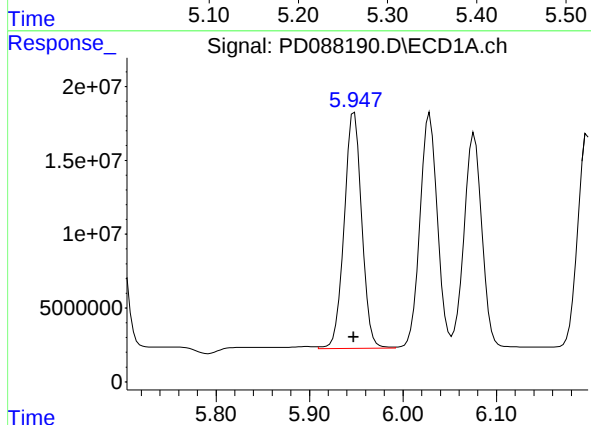
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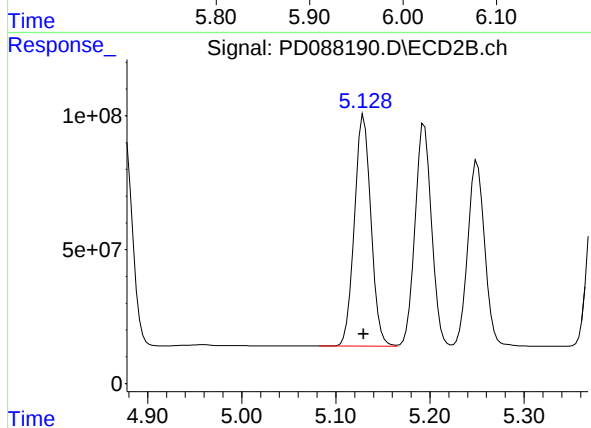
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 863845020
Conc: 47.96 ng/ml



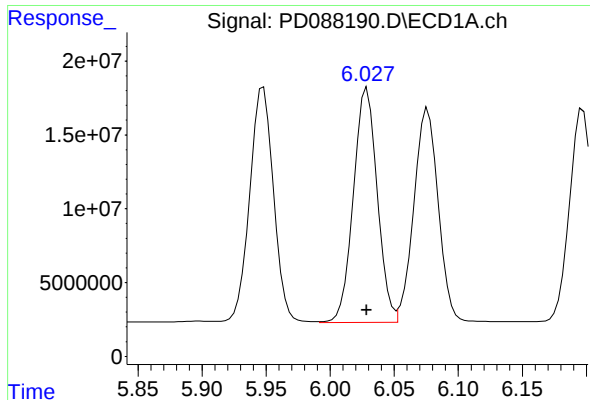
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 208847333
Conc: 57.66 ng/ml



#10 gamma-Chlordane

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 1054979812
Conc: 51.98 ng/ml



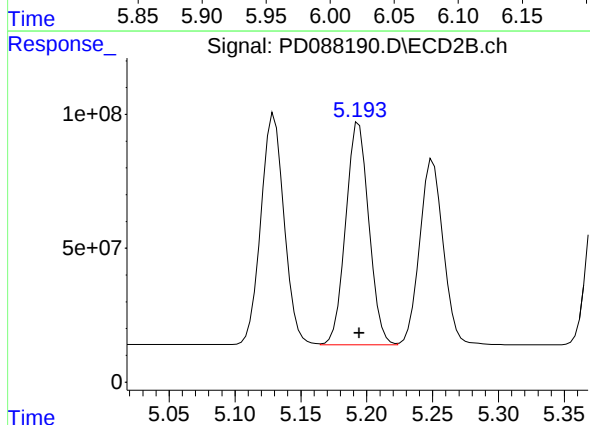
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 205944133
Conc: 57.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

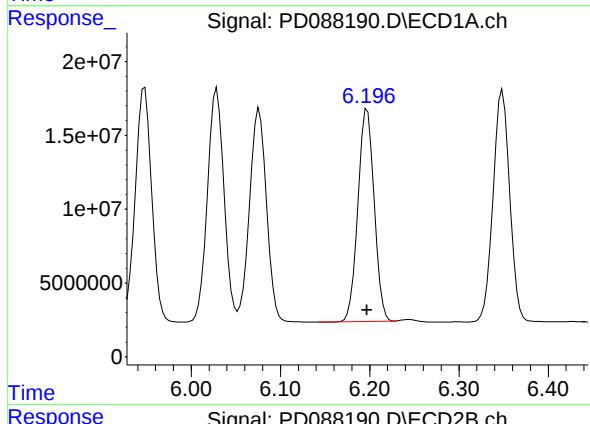
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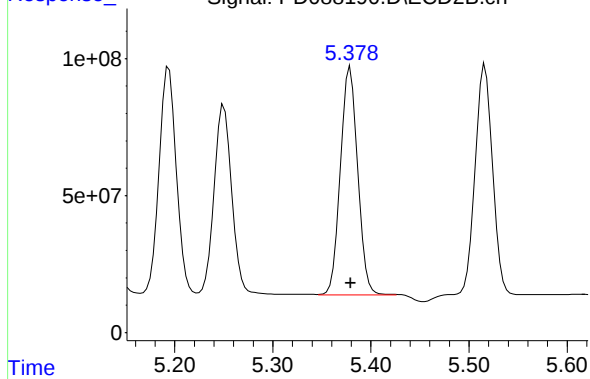
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 1012735173
Conc: 51.66 ng/ml



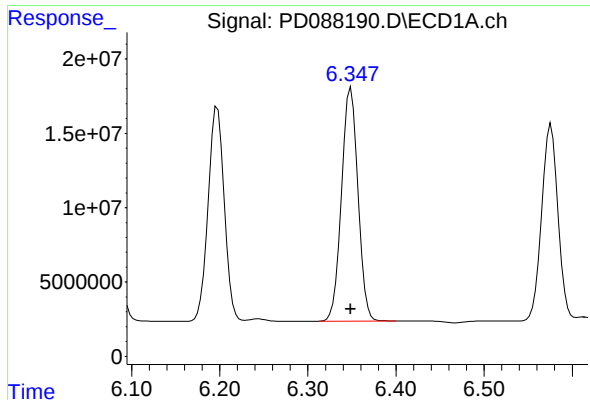
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 181906131
Conc: 55.15 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 1025109186
Conc: 52.05 ng/ml m



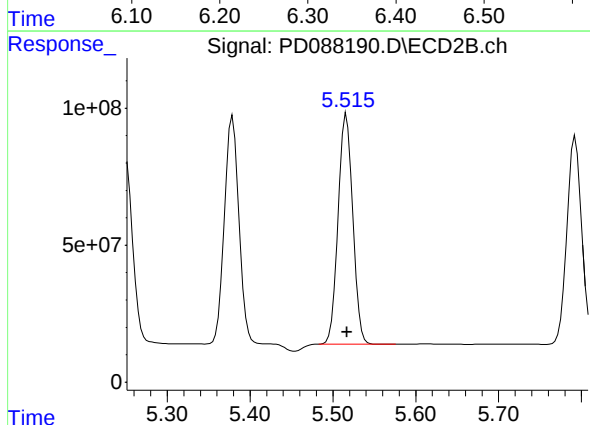
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 203865771
Conc: 57.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

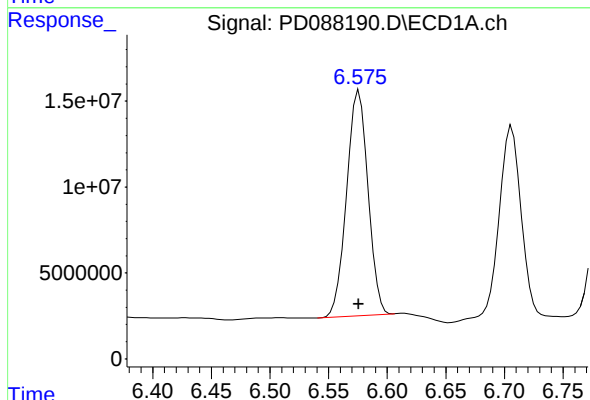
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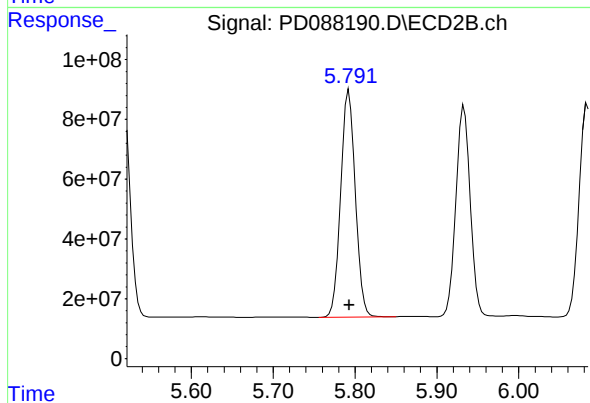
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 1033407888
Conc: 51.84 ng/ml



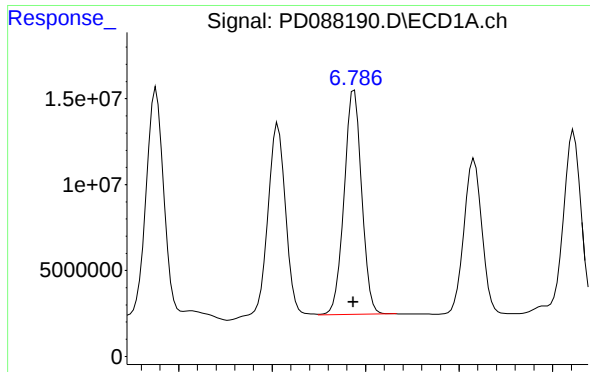
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 166533041
Conc: 55.84 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 946428538
Conc: 51.99 ng/ml



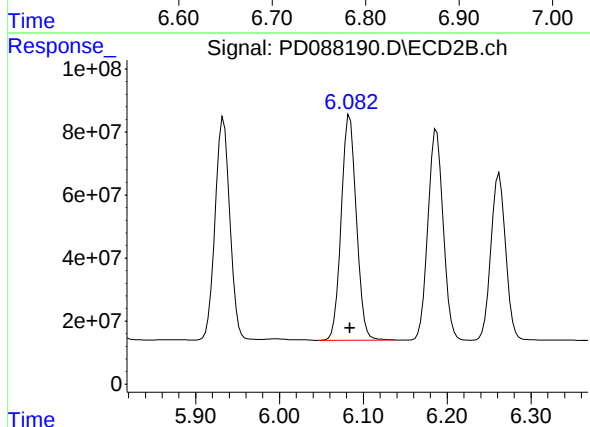
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 170524524
Conc: 54.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

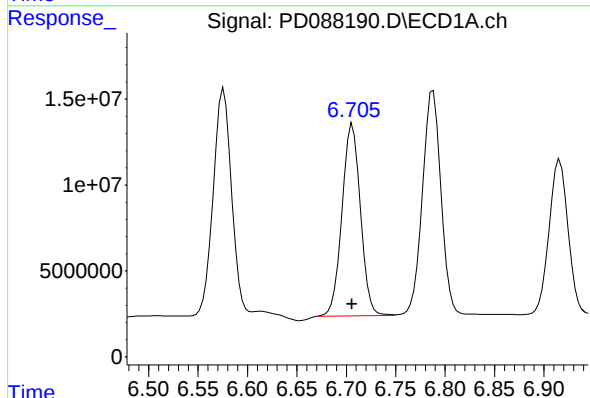
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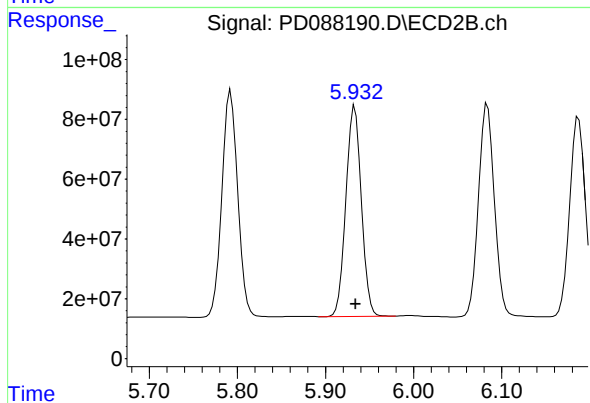
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 897488049
Conc: 51.22 ng/ml



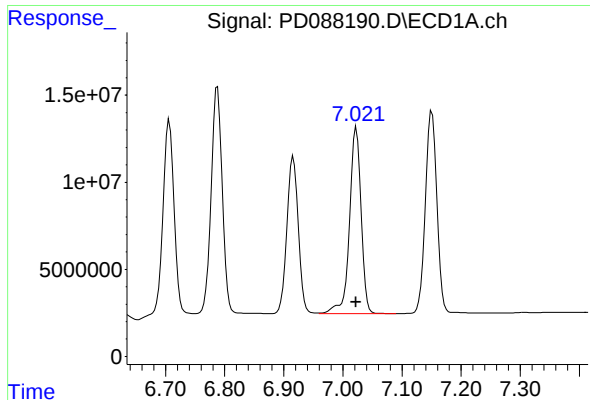
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 144867253
Conc: 57.60 ng/ml



#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 858450693
Conc: 52.39 ng/ml



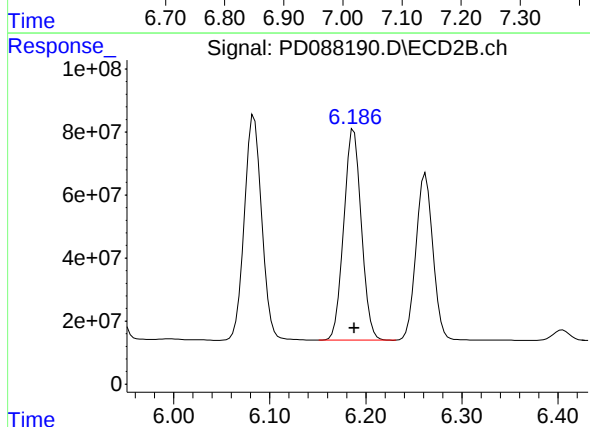
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 145799252
Conc: 52.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

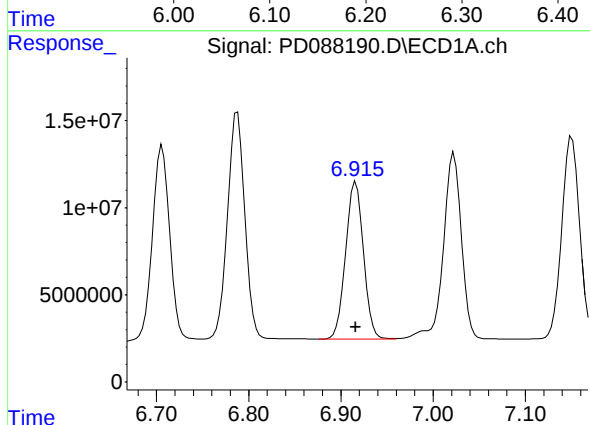
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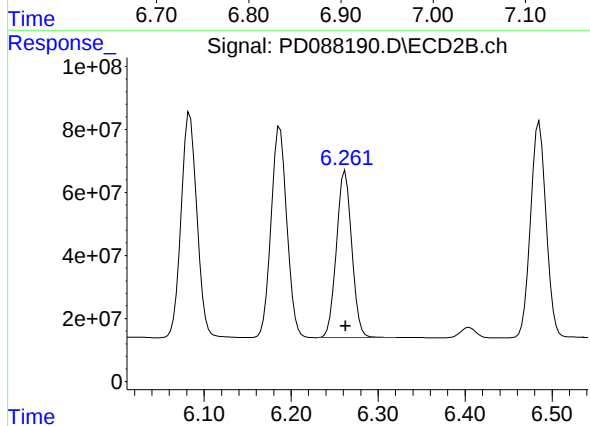
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 844598699
Conc: 49.63 ng/ml



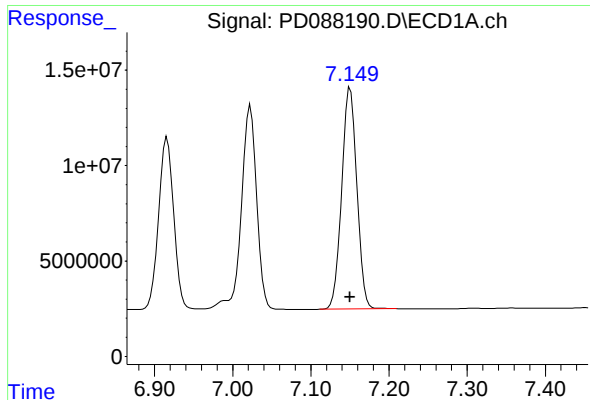
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 121194815
Conc: 52.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 647781850
Conc: 48.70 ng/ml



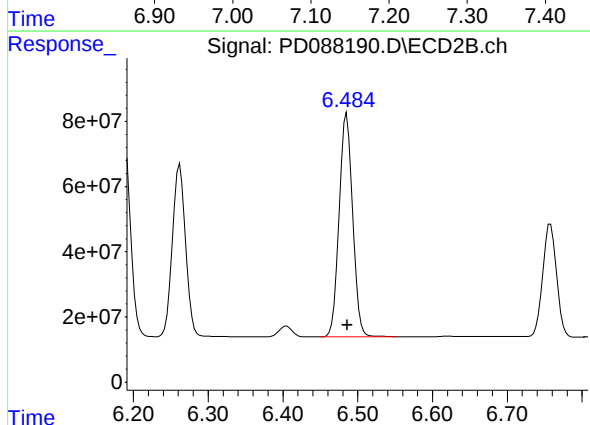
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 156903411
Conc: 54.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

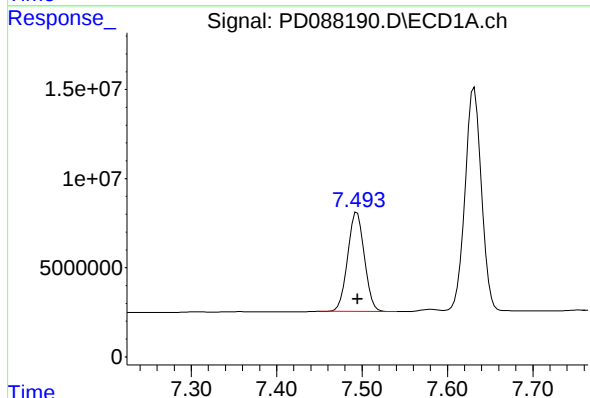
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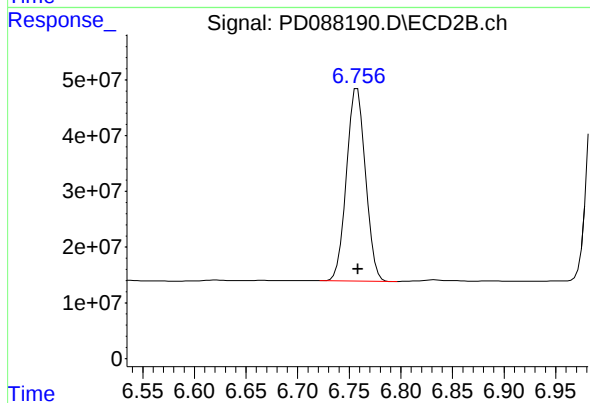
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 861488119
Conc: 50.28 ng/ml



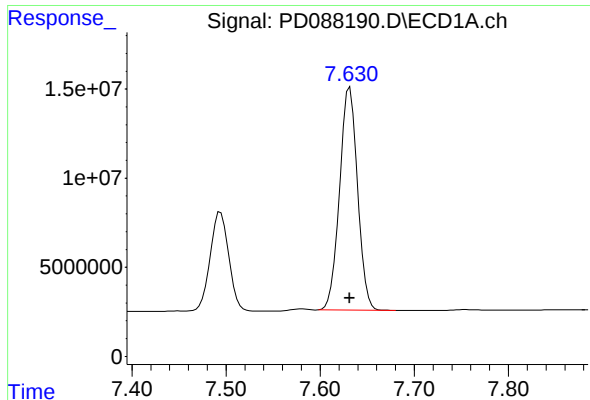
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 75920630
Conc: 50.63 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 443105683
Conc: 48.58 ng/ml



#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 166001563
Conc: 53.78 ng/ml

Instrument :

ECD_D

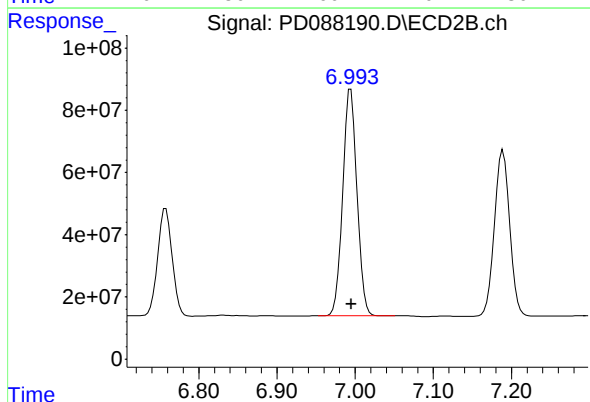
ClientSampleId :

PSTDCCC050

Manual Integrations

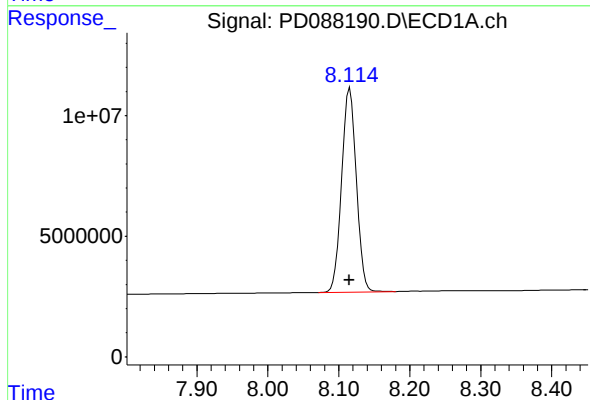
APPROVED

Reviewed By :Abdul Mirza 04/22/2025
Supervised By :mohammad ahmed 04/23/2025



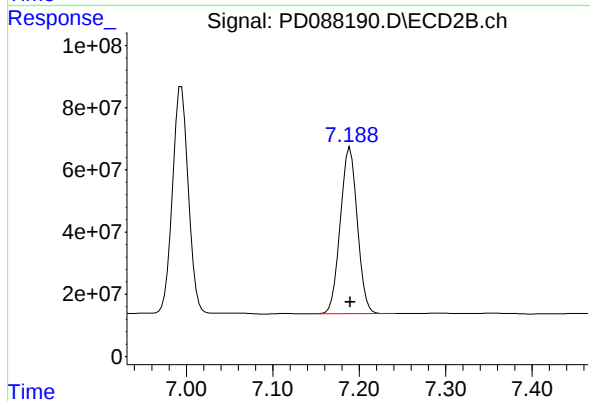
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 924990584
Conc: 49.45 ng/ml



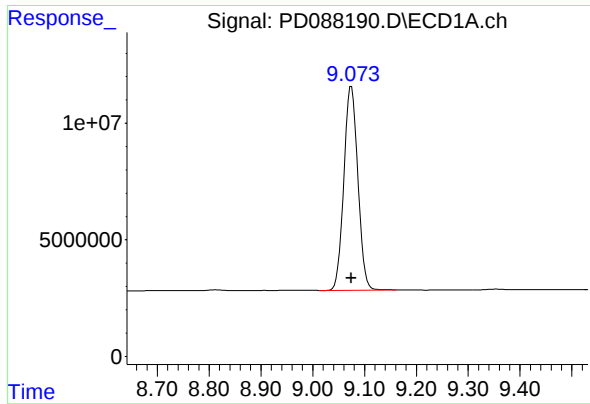
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 121831160
Conc: 51.88 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 723703083
Conc: 48.83 ng/ml



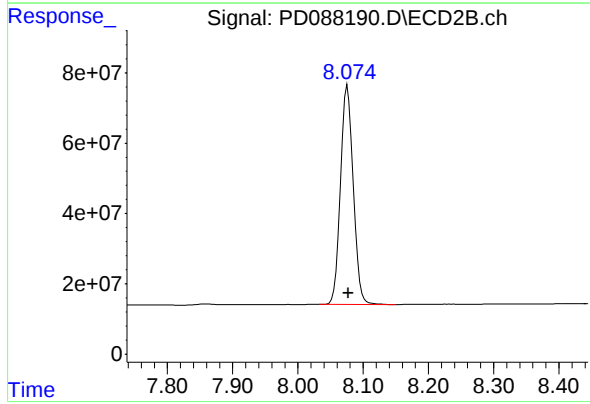
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 164121834
Conc: 49.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2025
Supervised By :mohammad ahmed 04/23/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 847412103
Conc: 45.86 ng/ml