

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
 Data File : PD091420.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2025 14:21
 Operator : AR\AJ
 Sample : PB170776BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170776BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/03/2025
 Supervised By :Sohil Jodhani 12/03/2025

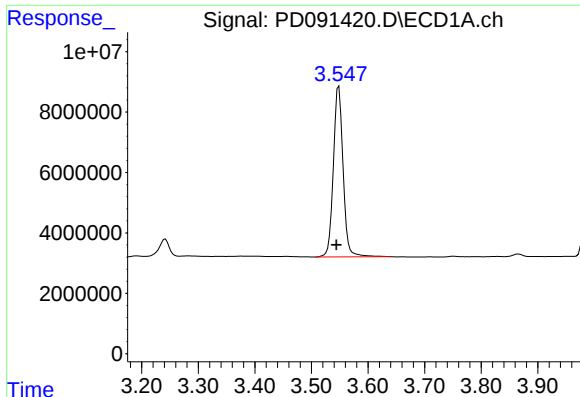
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 01:08:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.548	2.886	67715502	841.2E6	19.635	22.964m
28)	SA Decachlor...	9.073	8.077	102.7E6	895.7E6	20.613	22.633
Target Compounds							
2)	A alpha-BHC	3.998	3.399	368.9E6	3279.7E6	46.136	51.891
3)	MA gamma-BHC...	4.329	3.735	346.9E6	3004.9E6	46.420	51.969
4)	MA Heptachlor	4.928	4.087	332.0E6	2825.5E6	46.359	51.178
5)	MB Aldrin	5.269	4.373f	338.5E6	2967.4E6	46.644	52.560
6)	B beta-BHC	4.517	4.032f	130.7E6	1235.5E6	44.968	51.419
7)	B delta-BHC	4.766	4.268f	345.5E6	2990.6E6	46.487	51.142
8)	B Heptachlo...	5.689	4.877f	304.4E6	2701.6E6	46.859	53.015
9)	A Endosulfan I	6.073	5.251f	289.3E6	2439.3E6	47.096	50.976
10)	B gamma-Chl...	5.945	5.130f	310.5E6	2948.5E6	47.757	53.975
11)	B alpha-Chl...	6.026	5.195f	309.5E6	2800.3E6	44.960	53.510
12)	B 4,4'-DDE	6.196	5.379f	272.2E6	2840.8E6	46.928	53.157
13)	MA Dieldrin	6.346	5.516	308.9E6	2911.1E6	47.786	53.600m
14)	MA Endrin	6.573	5.794f	235.4E6	2459.9E6	47.434	54.432
15)	B Endosulfa...	6.787	6.086f	270.1E6	2517.5E6	48.590	53.931
16)	A 4,4'-DDD	6.706	5.934f	235.0E6	2556.5E6	47.840	52.315
17)	MA 4,4'-DDT	7.022	6.188f	199.0E6	2182.2E6	48.114	55.764
18)	B Endrin al...	6.916	6.264f	198.1E6	1881.0E6	47.553	53.304
19)	B Endosulfa...	7.151	6.488f	239.6E6	2360.4E6	46.564	52.647
20)	A Methoxychlor	7.495	6.759f	98342514	1024.5E6	45.229	51.095
21)	B Endrin ke...	7.632	6.997f	267.3E6	2787.9E6	47.449	54.712
22)	Mirex	8.113	7.190f	157.3E6	1674.1E6	44.214	50.515

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



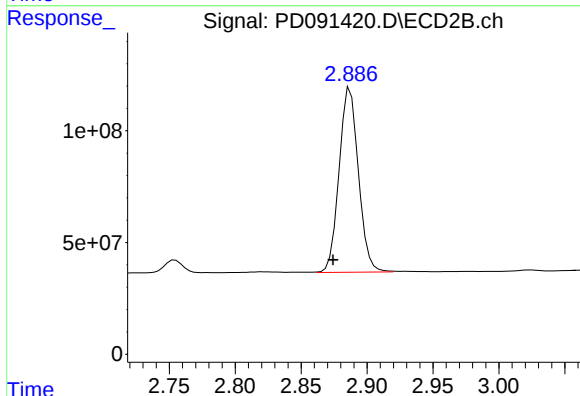
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.004 min
Response: 67715502
Conc: 19.64 ng/ml

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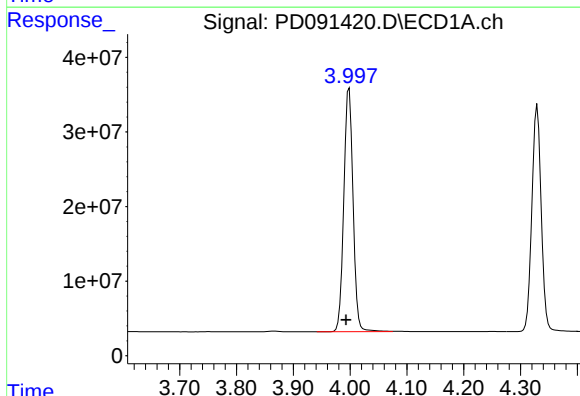
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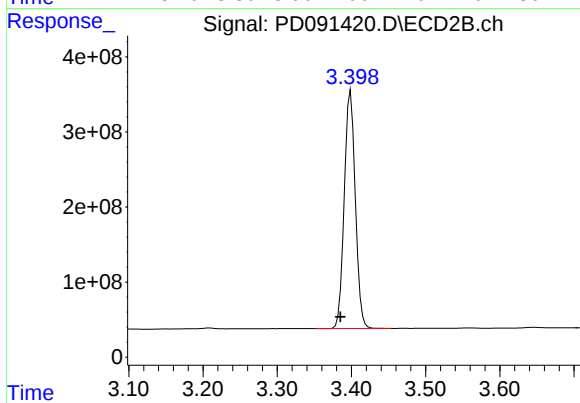
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.012 min
Response: 841179117
Conc: 22.96 ng/ml m



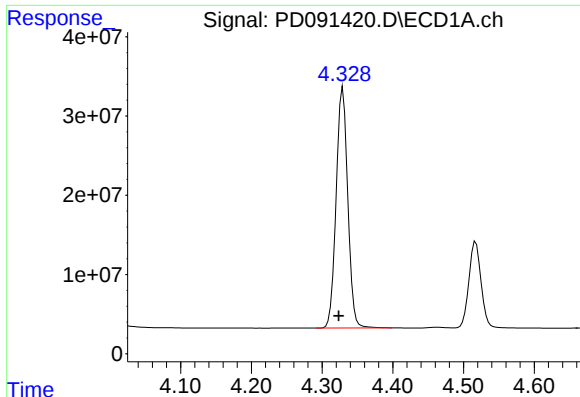
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.005 min
Response: 368877816
Conc: 46.14 ng/ml



#2 alpha-BHC

R.T.: 3.399 min
Delta R.T.: 0.014 min
Response: 3279663517
Conc: 51.89 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.006 min
Response: 346889966
Conc: 46.42 ng/ml

Instrument :

ECD_D

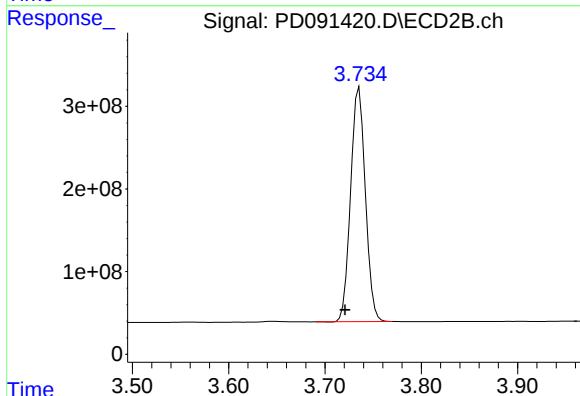
ClientSampleId :

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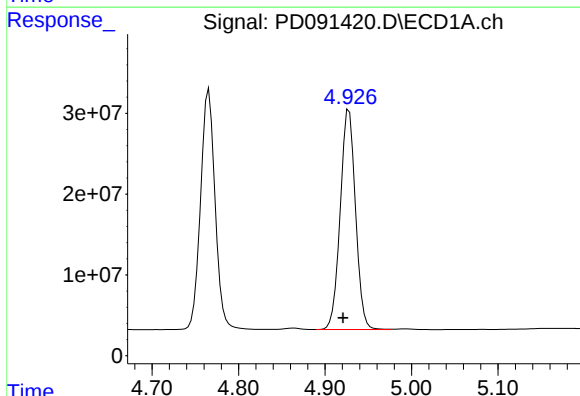
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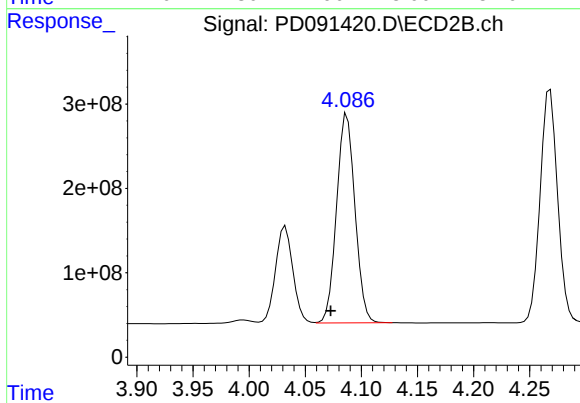
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: 0.015 min
Response: 3004905962
Conc: 51.97 ng/ml



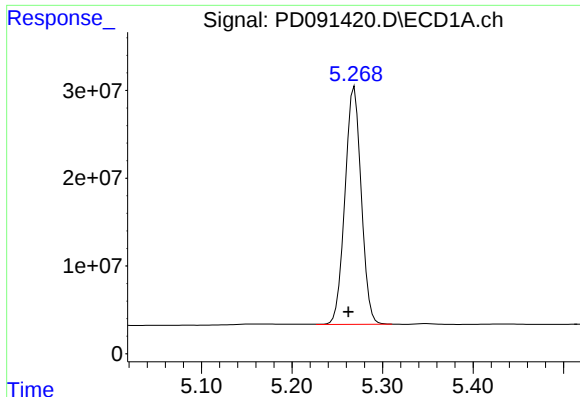
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.007 min
Response: 332014622
Conc: 46.36 ng/ml



#4 Heptachlor

R.T.: 4.087 min
Delta R.T.: 0.015 min
Response: 2825532414
Conc: 51.18 ng/ml



#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.007 min
Response: 338464194
Conc: 46.64 ng/ml

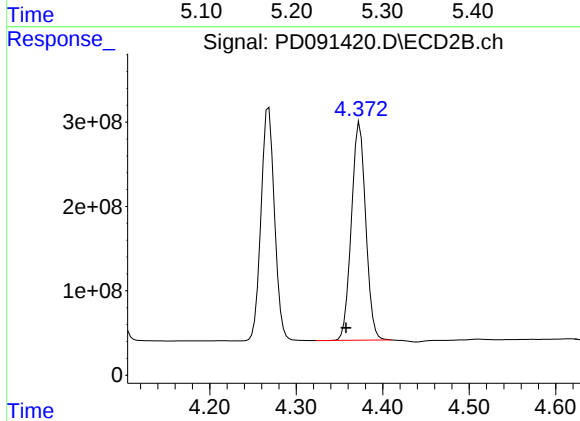
Instrument :

ECD_D

ClientSampleId :
PB170776BS

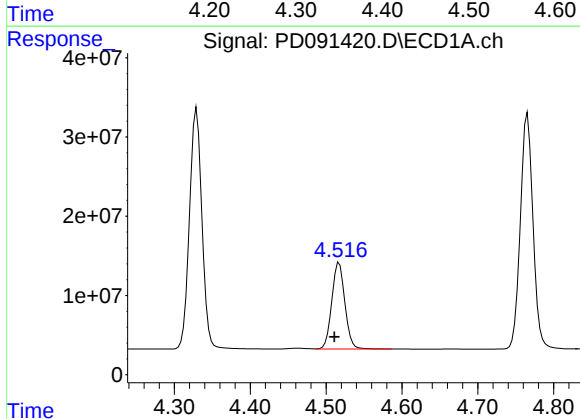
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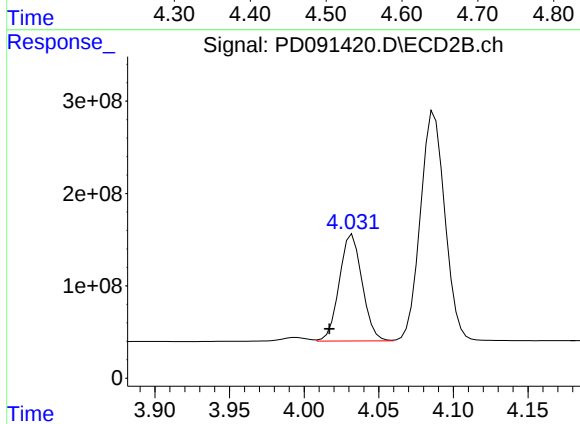
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.015 min
Response: 2967437946
Conc: 52.56 ng/ml



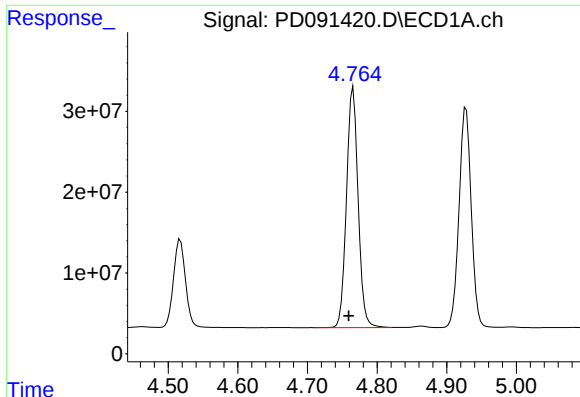
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.006 min
Response: 130653500
Conc: 44.97 ng/ml



#6 beta-BHC

R.T.: 4.032 min
Delta R.T.: 0.015 min
Response: 1235455435
Conc: 51.42 ng/ml



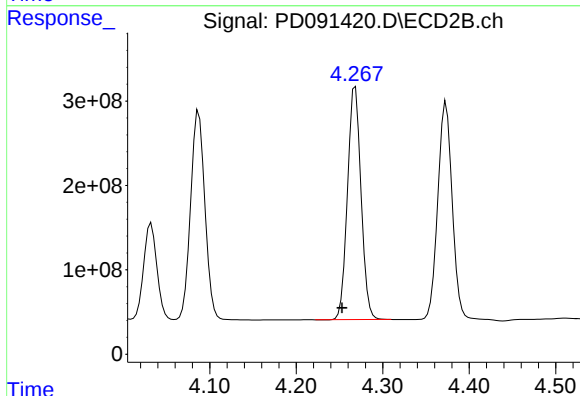
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.006 min
Response: 345496289
Conc: 46.49 ng/ml

Instrument :
ECD_D
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PB170776BS

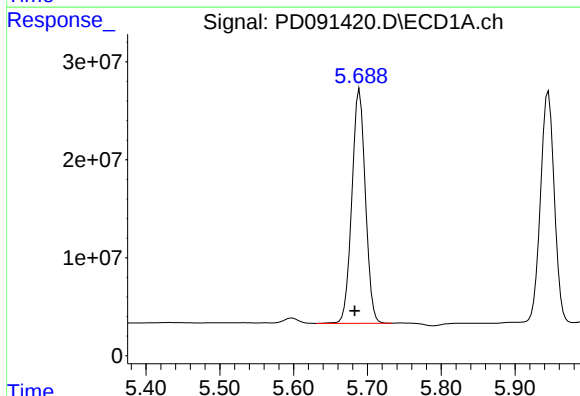
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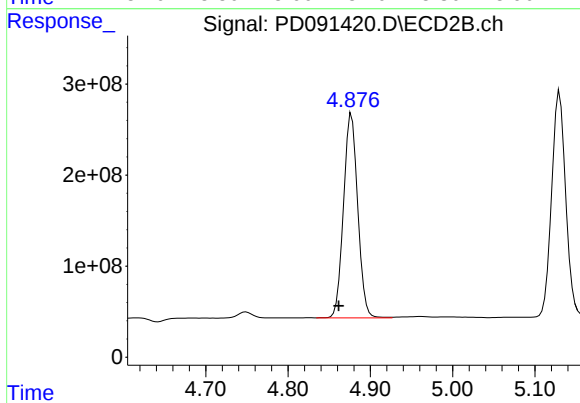
#7 delta-BHC

R.T.: 4.268 min
Delta R.T.: 0.015 min
Response: 2990645716
Conc: 51.14 ng/ml



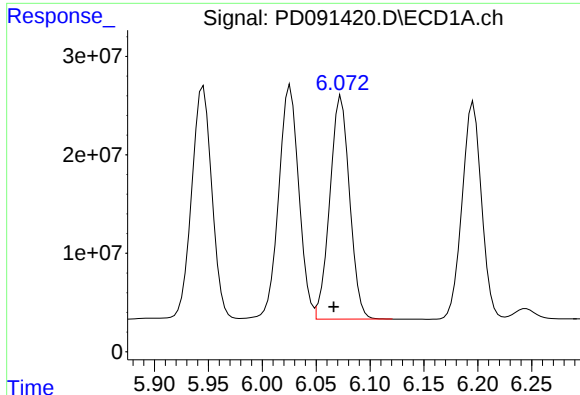
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.007 min
Response: 304431481
Conc: 46.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.877 min
Delta R.T.: 0.016 min
Response: 2701592955
Conc: 53.02 ng/ml



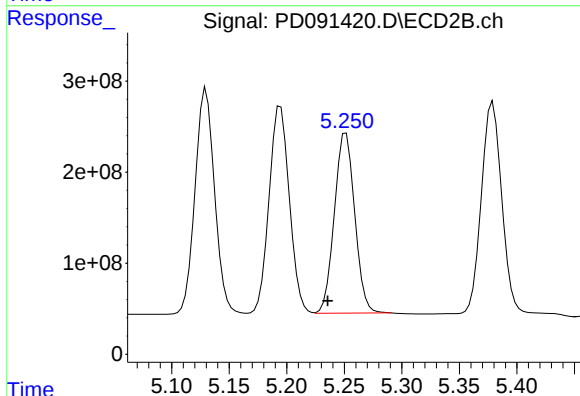
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.007 min
Response: 289312459
Conc: 47.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170776BS

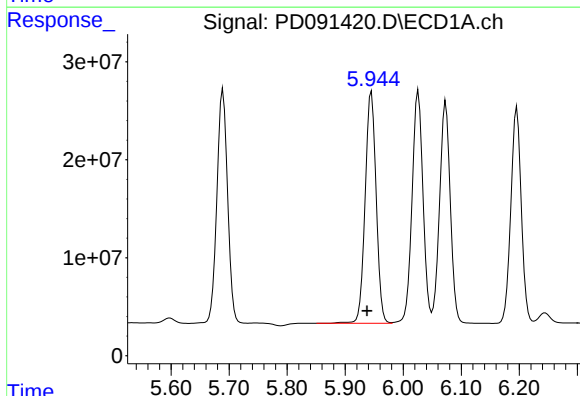
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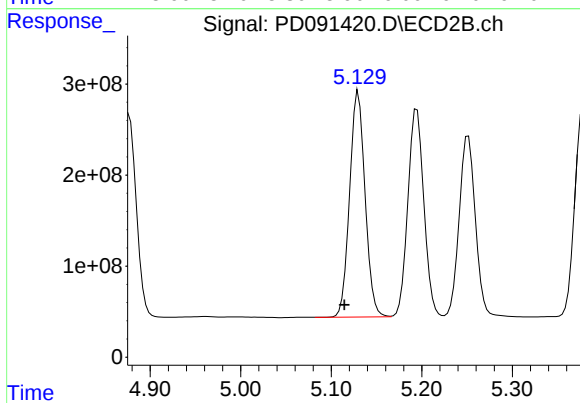
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.016 min
Response: 2439285272
Conc: 50.98 ng/ml



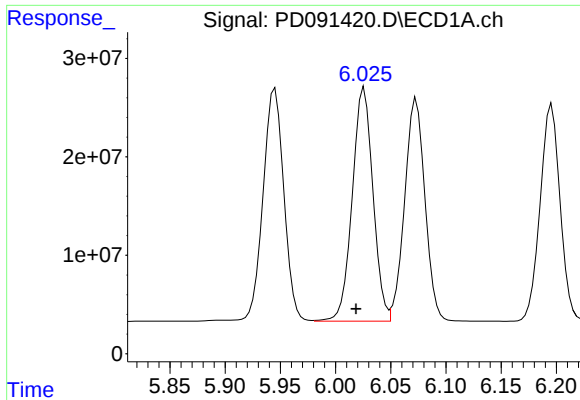
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.007 min
Response: 310454823
Conc: 47.76 ng/ml



#10 gamma-Chlordane

R.T.: 5.130 min
Delta R.T.: 0.016 min
Response: 2948496239
Conc: 53.97 ng/ml



#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.007 min
Response: 309453140
Conc: 44.96 ng/ml

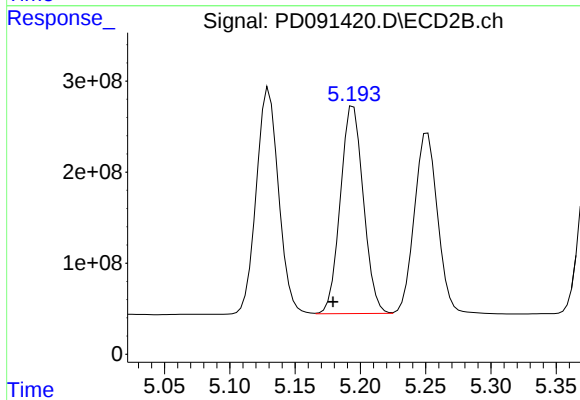
Instrument :

ECD_D

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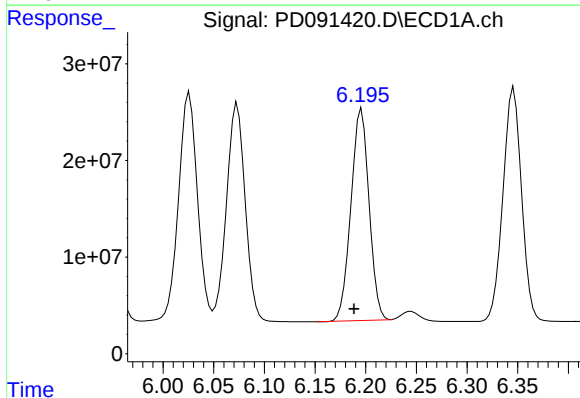
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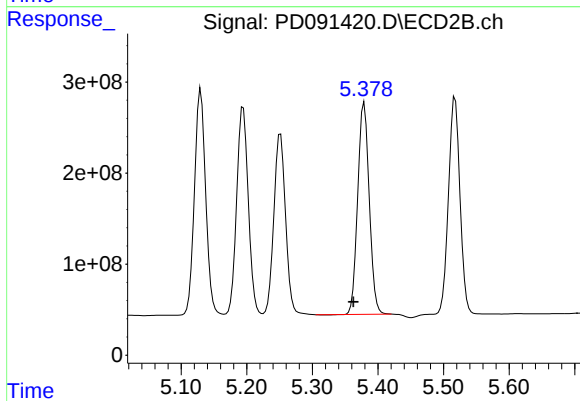
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: 0.016 min
Response: 2800275815
Conc: 53.51 ng/ml



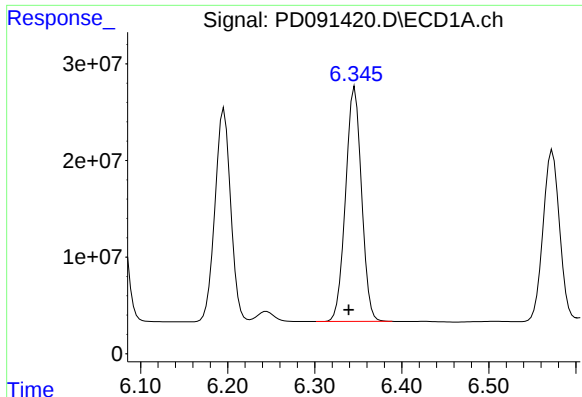
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.007 min
Response: 272152026
Conc: 46.93 ng/ml



#12 4,4'-DDE

R.T.: 5.379 min
Delta R.T.: 0.016 min
Response: 2840806376
Conc: 53.16 ng/ml



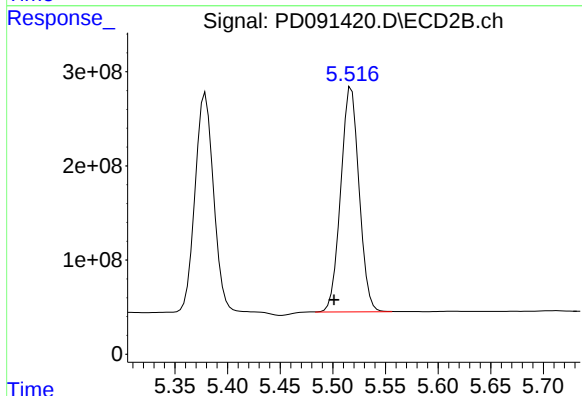
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.007 min
Response: 308935535
Conc: 47.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170776BS

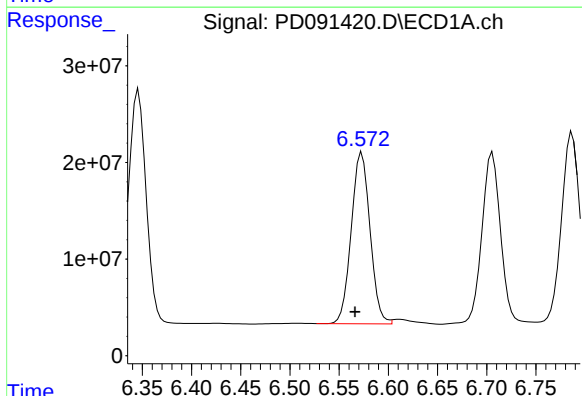
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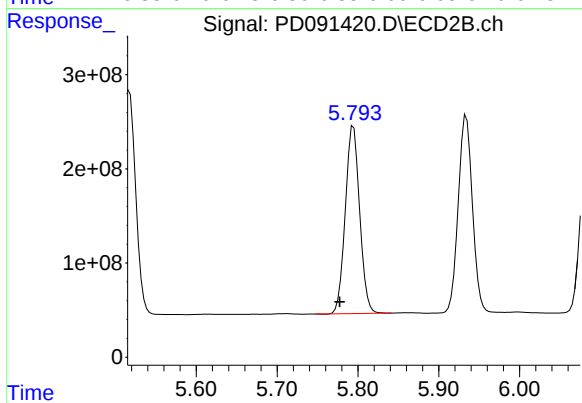
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.015 min
Response: 2911074639
Conc: 53.60 ng/ml m



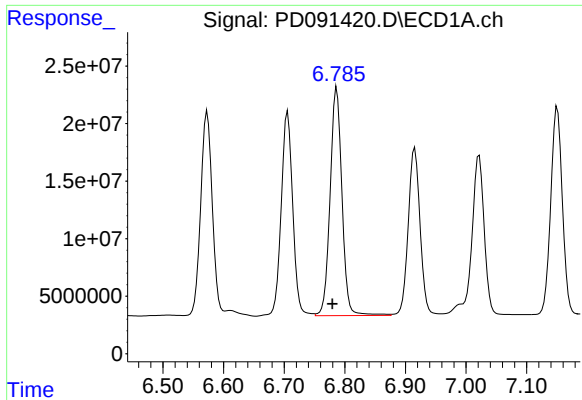
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.007 min
Response: 235437318
Conc: 47.43 ng/ml



#14 Endrin

R.T.: 5.794 min
Delta R.T.: 0.017 min
Response: 2459908186
Conc: 54.43 ng/ml



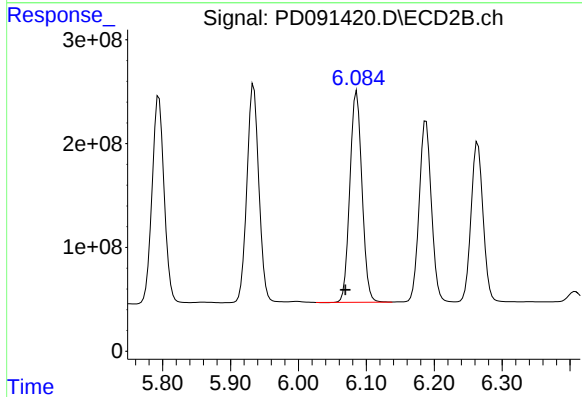
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.007 min
Response: 270128212
Conc: 48.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170776BS

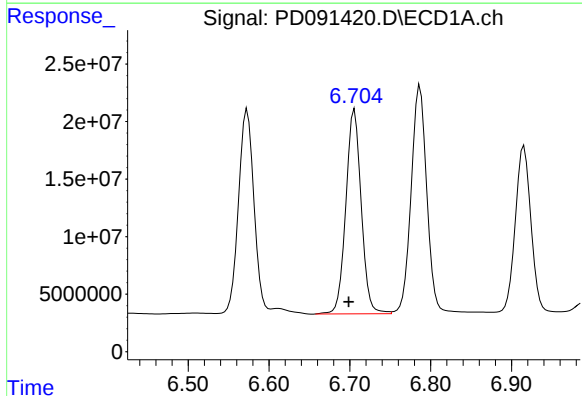
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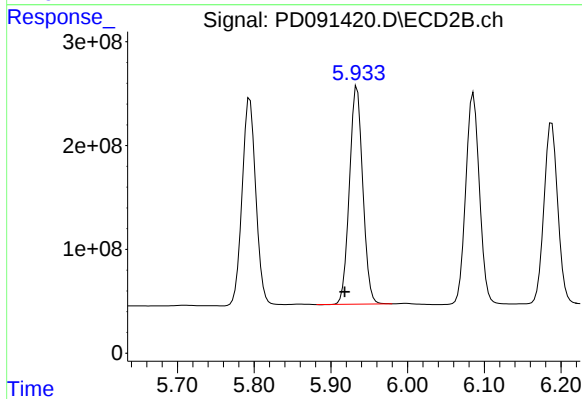
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: 0.016 min
Response: 2517506815
Conc: 53.93 ng/ml



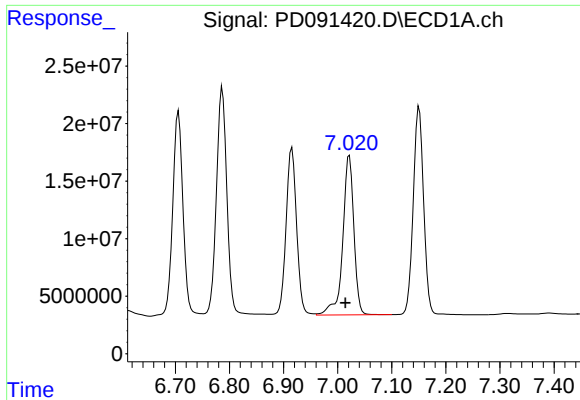
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.007 min
Response: 234968447
Conc: 47.84 ng/ml



#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: 0.016 min
Response: 2556543815
Conc: 52.31 ng/ml



#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.007 min
Response: 198975159
Conc: 48.11 ng/ml

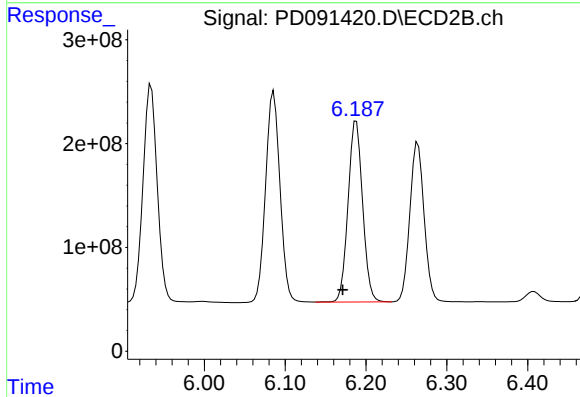
Instrument :

ECD_D

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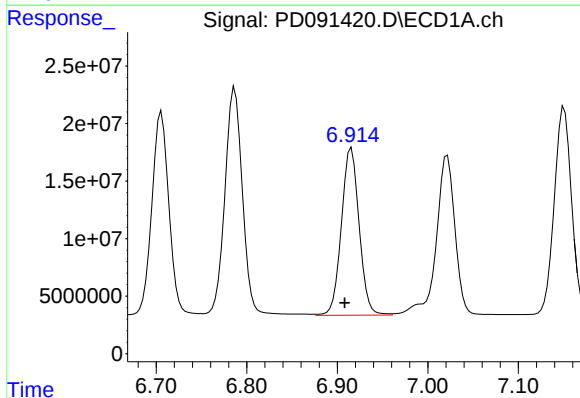
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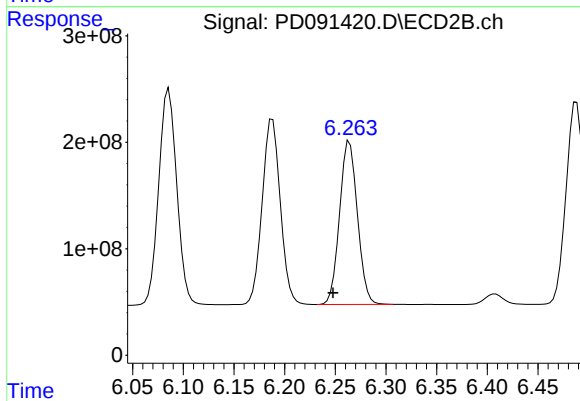
#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: 0.017 min
Response: 2182173660
Conc: 55.76 ng/ml



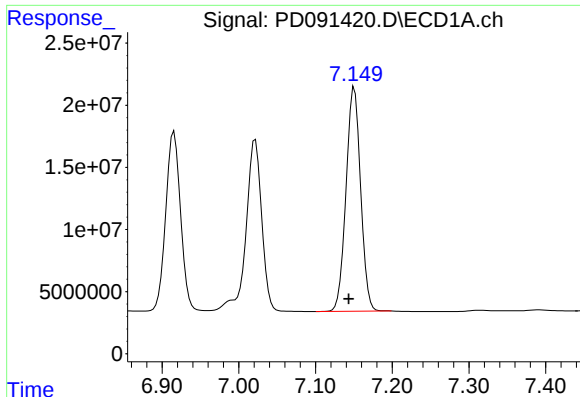
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.008 min
Response: 198109543
Conc: 47.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.264 min
Delta R.T.: 0.016 min
Response: 1881034735
Conc: 53.30 ng/ml



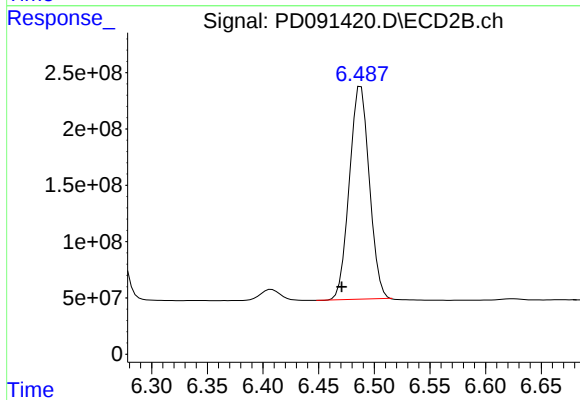
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.007 min
Response: 239563004
Conc: 46.56 ng/ml

Instrument :
ECD_D
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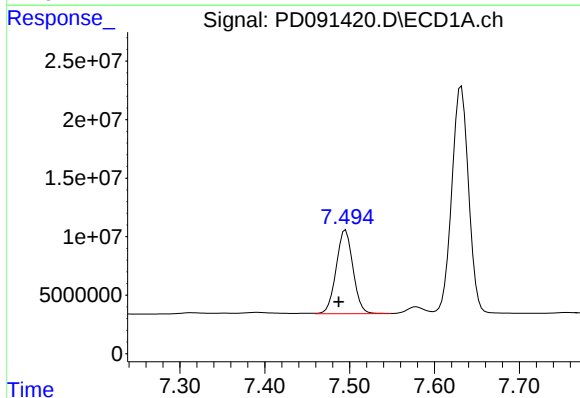
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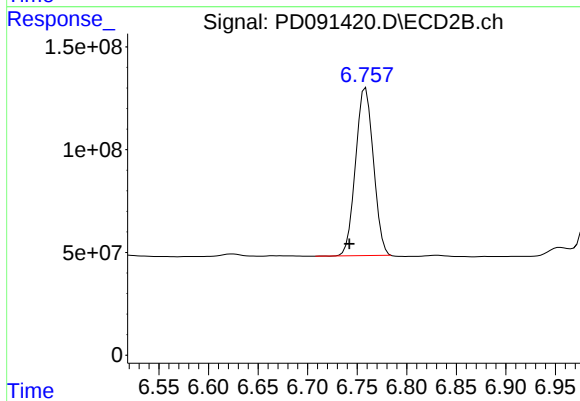
#19 Endosulfan Sulfate

R.T.: 6.488 min
Delta R.T.: 0.017 min
Response: 2360407728
Conc: 52.65 ng/ml



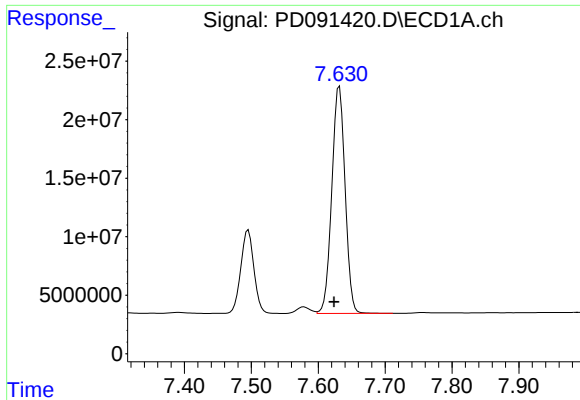
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.008 min
Response: 98342514
Conc: 45.23 ng/ml



#20 Methoxychlor

R.T.: 6.759 min
Delta R.T.: 0.016 min
Response: 1024528780
Conc: 51.10 ng/ml



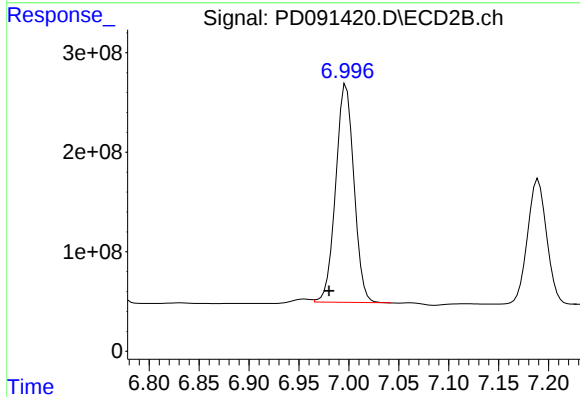
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.008 min
Response: 267309137
Conc: 47.45 ng/ml

Instrument :
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ClientSampleId :
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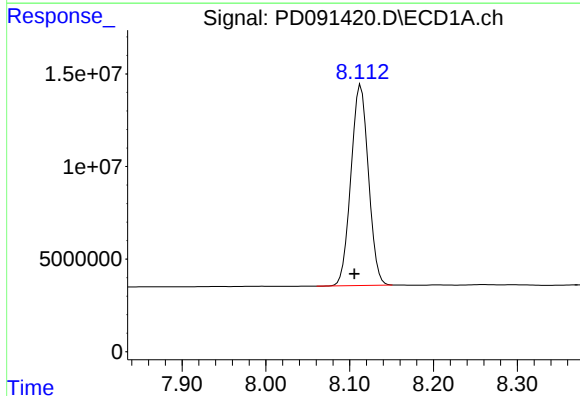
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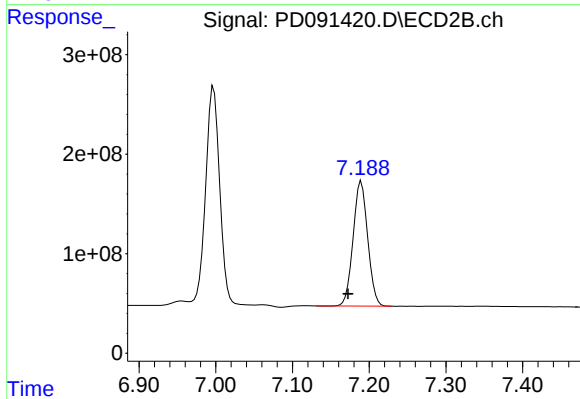
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: 0.017 min
Response: 278788021
Conc: 54.71 ng/ml



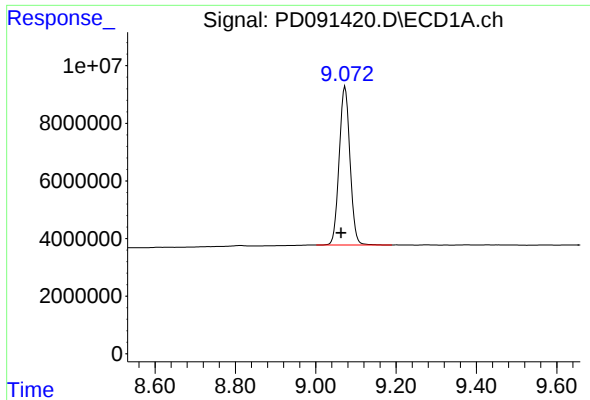
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.008 min
Response: 157270638
Conc: 44.21 ng/ml



#22 Mirex

R.T.: 7.190 min
Delta R.T.: 0.017 min
Response: 1674062553
Conc: 50.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.010 min
Response: 102688977
Conc: 20.61 ng/ml

Instrument :

ECD_D

ClientSampleId :

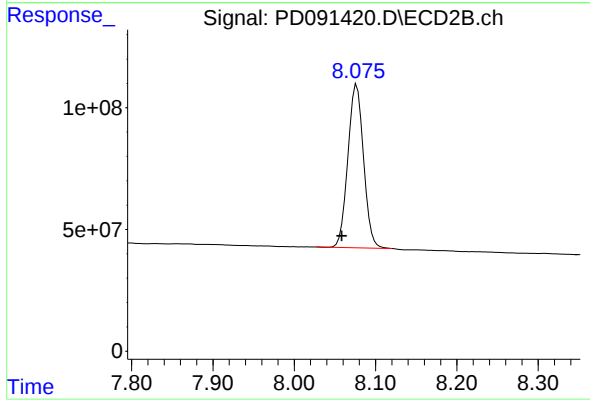
PB170776BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.018 min
Response: 895699299
Conc: 22.63 ng/ml