

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
 Data File : PD091426.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2025 16:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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 01:09:14 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...	3.541	2.872	158.8E6	1923.3E6	46.042	52.507
28)	SA Decachlor...	9.064	8.058	203.9E6	1750.7E6	40.926	44.238
Target Compounds							
2)	A alpha-BHC	3.991	3.383	380.5E6	3376.7E6	47.586	53.427
3)	MA gamma-BHC...	4.321	3.719	353.0E6	3078.8E6	47.233	53.247
4)	MA Heptachlor	4.919	4.071	327.1E6	2894.8E6	45.680	52.433
5)	MB Aldrin	5.261	4.356	333.9E6	3021.6E6	46.017	53.519
6)	B beta-BHC	4.509	4.016	132.7E6	1256.3E6	45.685	52.286
7)	B delta-BHC	4.758	4.252	350.6E6	3099.9E6	47.179	53.010
8)	B Heptachlo...	5.681	4.860	293.6E6	2674.5E6	45.197	52.484
9)	A Endosulfan I	6.065	5.234	276.3E6	2461.4E6	44.983	51.438
10)	B gamma-Chl...	5.937	5.113	299.0E6	2910.6E6	45.998	53.281
11)	B alpha-Chl...	6.017	5.178	297.1E6	2772.7E6	43.173	52.983
12)	B 4,4'-DDE	6.187	5.360	261.0E6	2798.1E6	44.996	52.357m
13)	MA Dieldrin	6.338	5.500	294.2E6	2845.5E6	45.508	52.392
14)	MA Endrin	6.565	5.776	237.7E6	2499.3E6	47.892	55.304
15)	B Endosulfa...	6.778	6.068	248.9E6	2395.2E6	44.776	51.312
16)	A 4,4'-DDD	6.698	5.916	218.3E6	2456.9E6	44.442	50.276
17)	MA 4,4'-DDT	7.014	6.170	189.8E6	2101.3E6	45.890	53.696
18)	B Endrin al...	6.907	6.246	178.6E6	1735.5E6	42.866	49.181
19)	B Endosulfa...	7.142	6.470	224.2E6	2259.3E6	43.569	50.391
20)	A Methoxychlor	7.487	6.741	93904133	1010.4E6	43.188	50.390
21)	B Endrin ke...	7.623	6.979	246.4E6	2459.5E6	43.735	48.267
22)	Mirex	8.105	7.171	153.7E6	1597.1E6	43.210	48.194

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
Data File : PD091426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2025 16:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

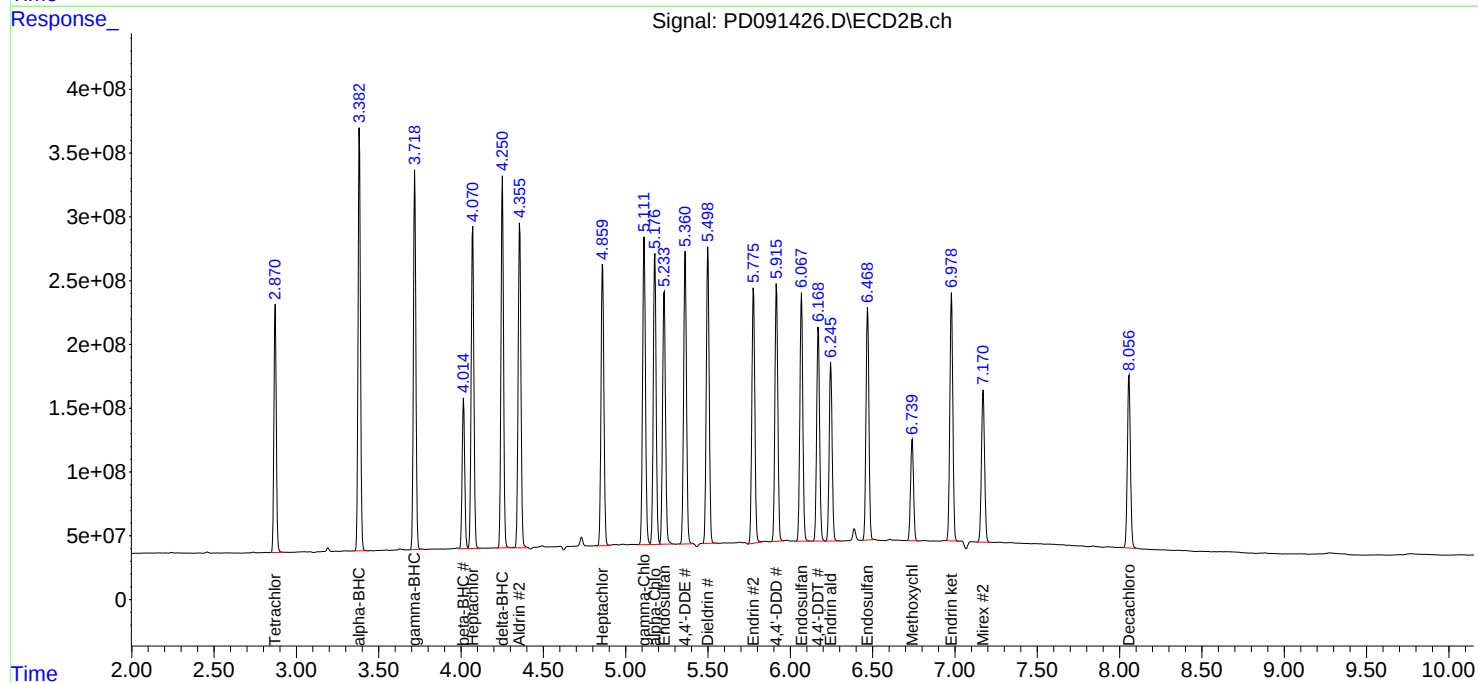
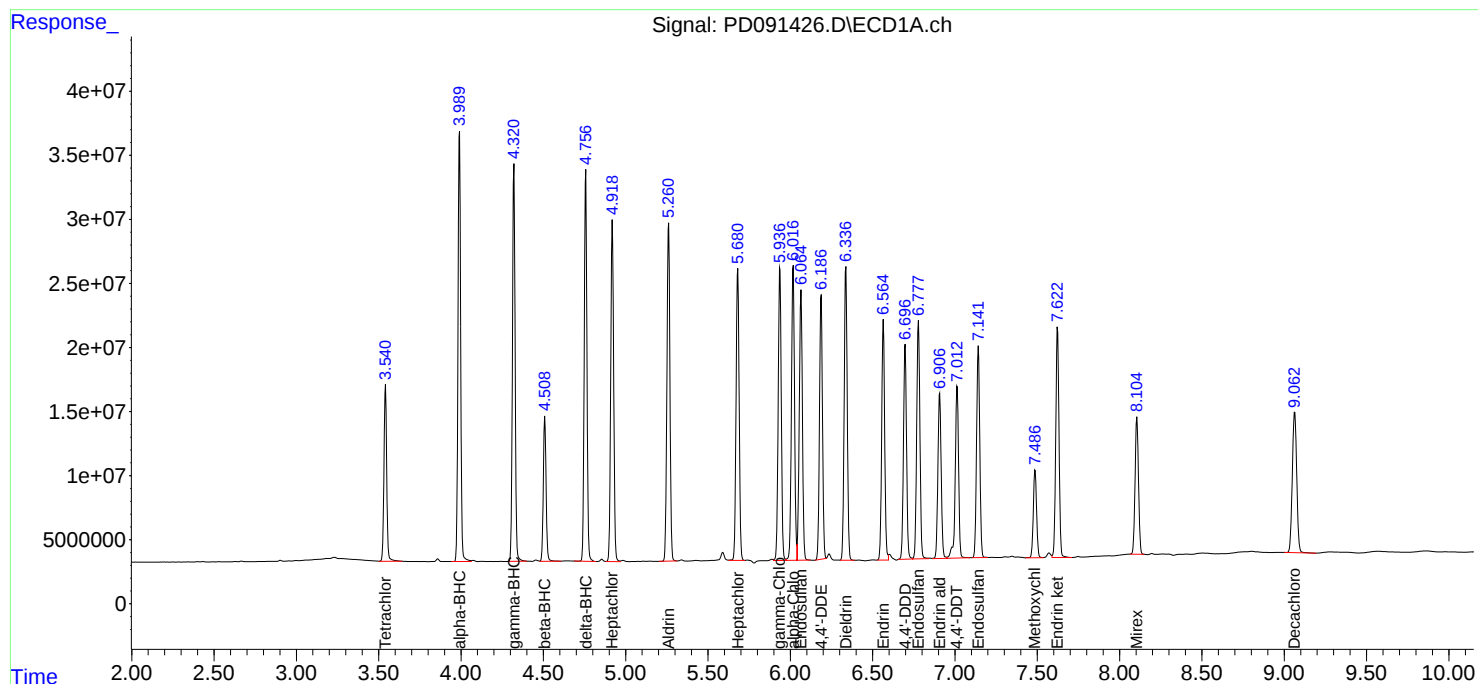
APPROVED

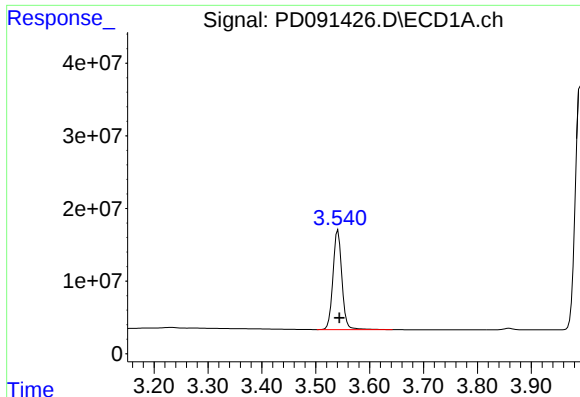
Reviewed By :Abdul Mirza 12/03/2025

Supervised By :Sohil Jodhani 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 01:09:14 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





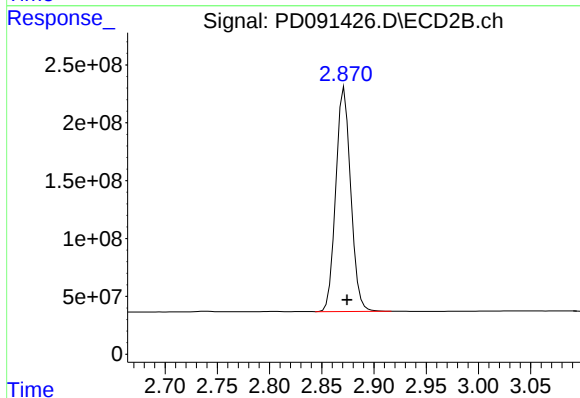
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 158780800
Conc: 46.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

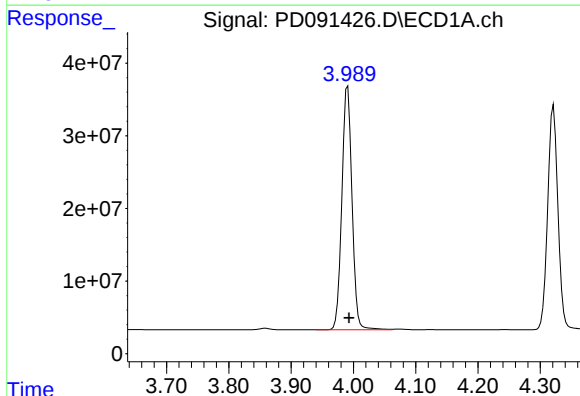
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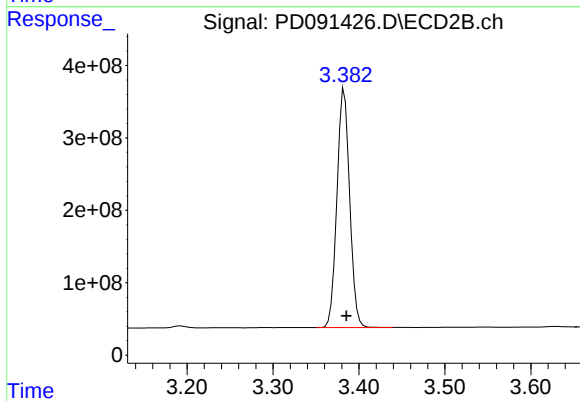
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 1923327625
Conc: 52.51 ng/ml



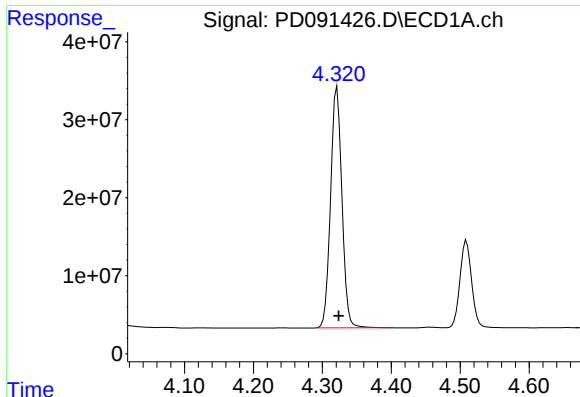
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 380474075
Conc: 47.59 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 3376722289
Conc: 53.43 ng/ml



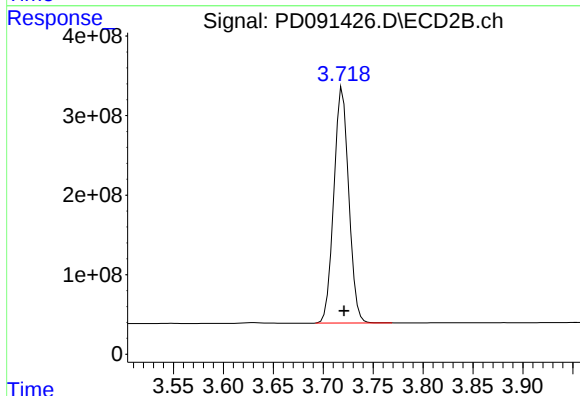
#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 352969134
Conc: 47.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

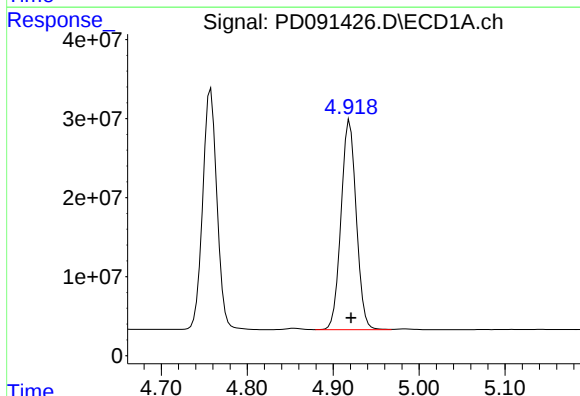
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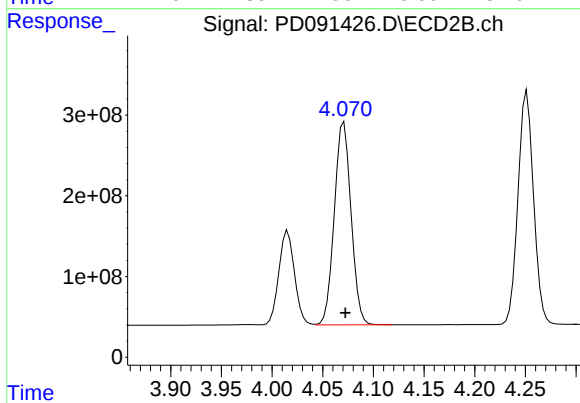
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 3078820806
Conc: 53.25 ng/ml



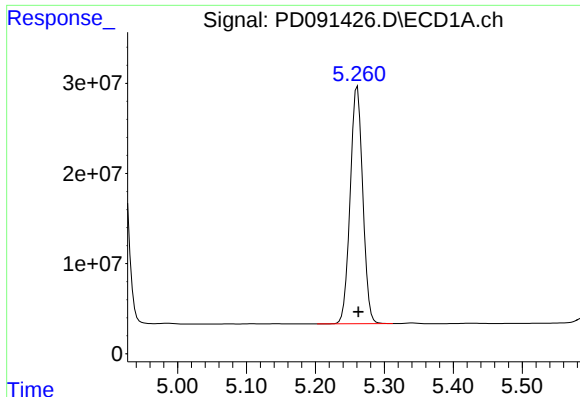
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 327147644
Conc: 45.68 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 2894820583
Conc: 52.43 ng/ml



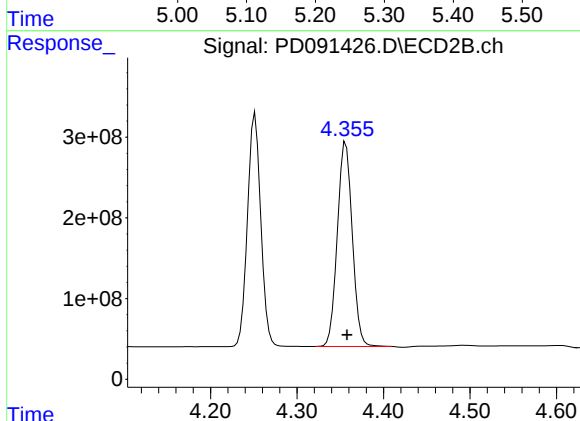
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 333915658
Conc: 46.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

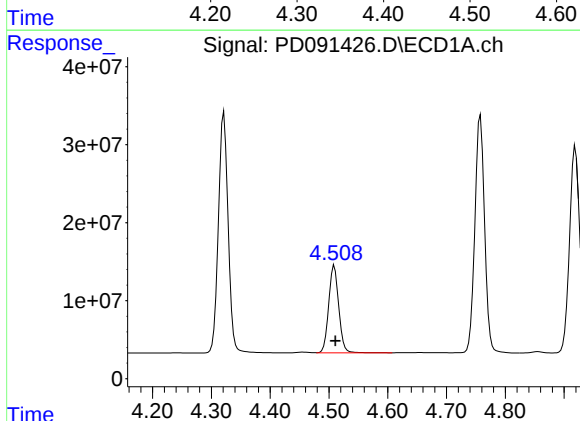
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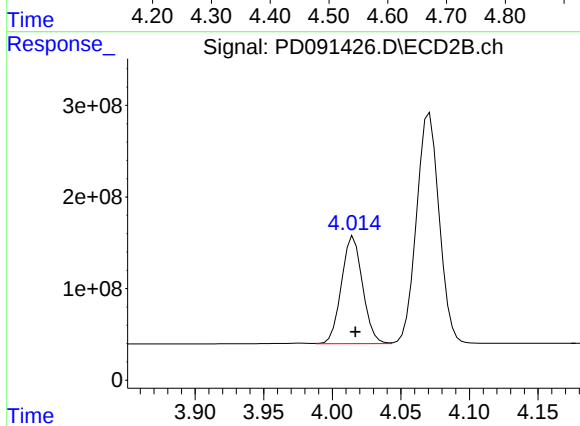
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 3021577425
Conc: 53.52 ng/ml



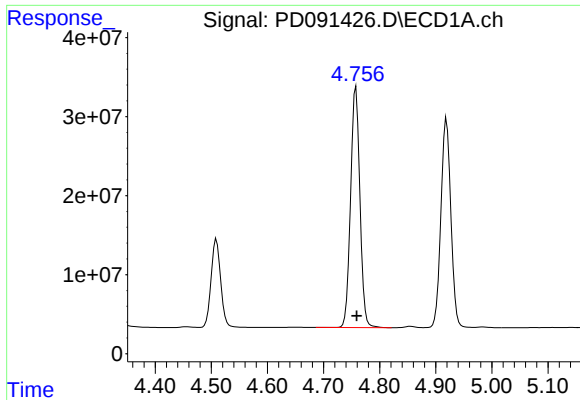
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 132737597
Conc: 45.68 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: -0.001 min
Response: 1256275143
Conc: 52.29 ng/ml



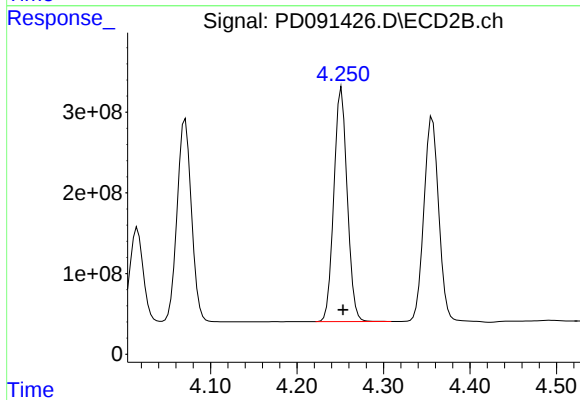
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 350638094
Conc: 47.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

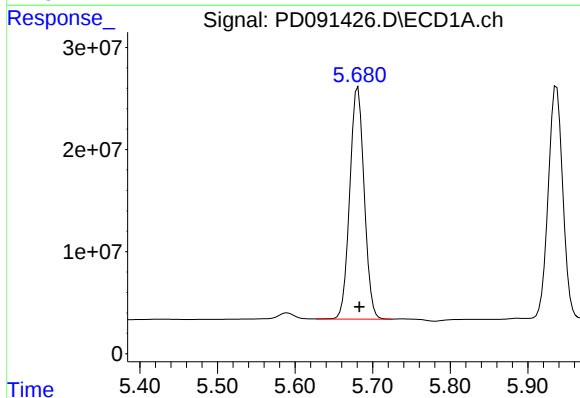
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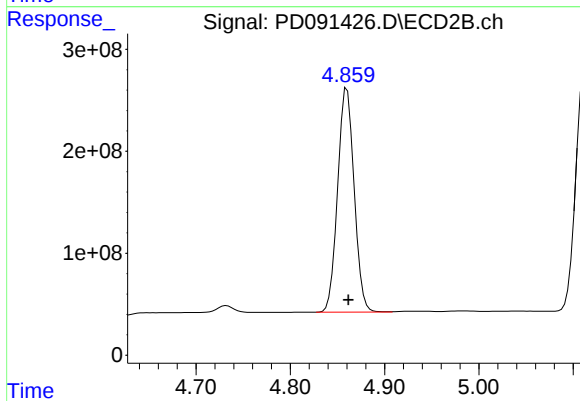
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 3099892899
Conc: 53.01 ng/ml



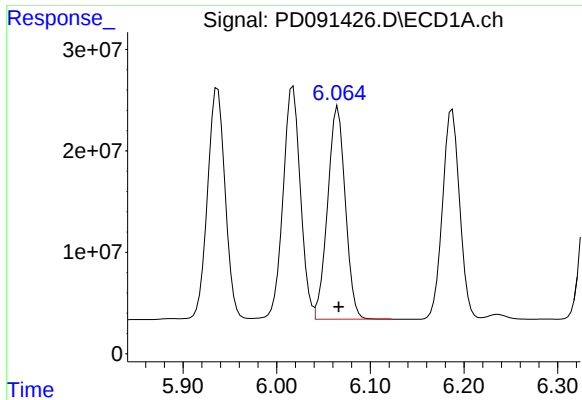
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 293635081
Conc: 45.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 2674530486
Conc: 52.48 ng/ml



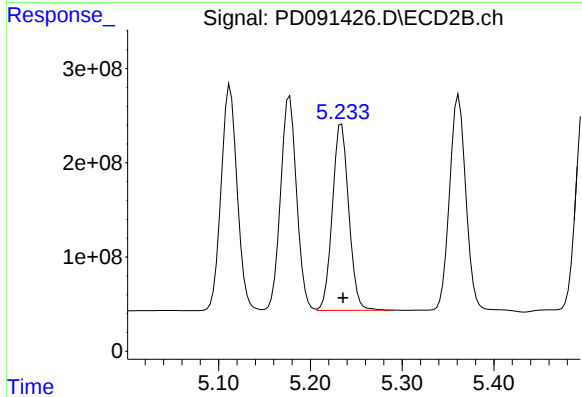
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 276329708
Conc: 44.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

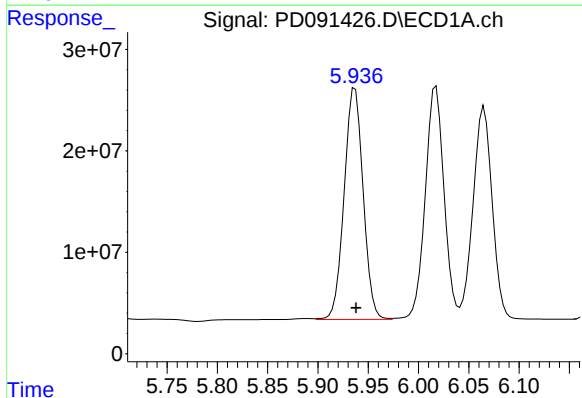
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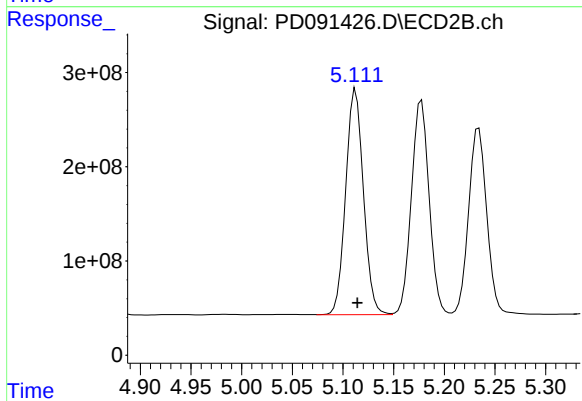
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 2461383850
Conc: 51.44 ng/ml



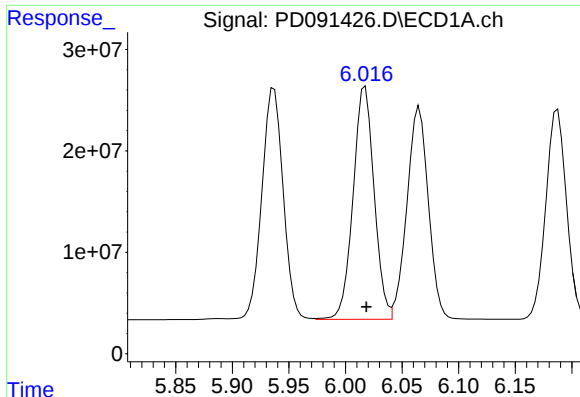
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 299023378
Conc: 46.00 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 2910595787
Conc: 53.28 ng/ml



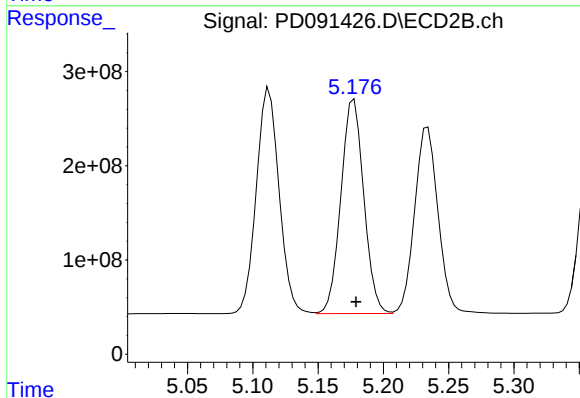
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 297149410
Conc: 43.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

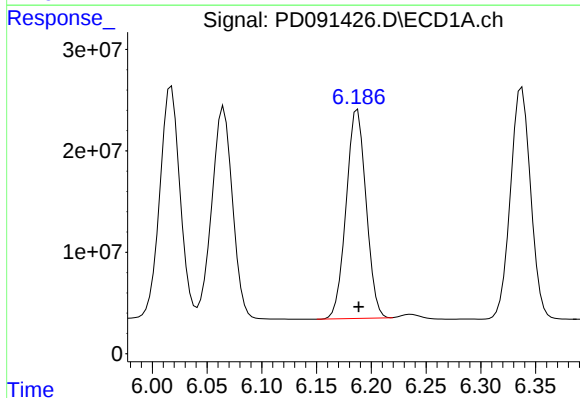
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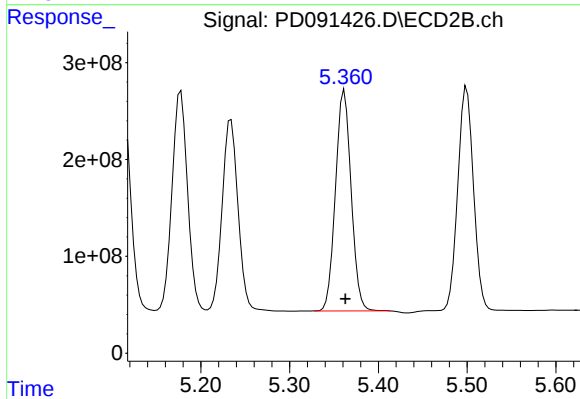
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.001 min
Response: 2772680010
Conc: 52.98 ng/ml



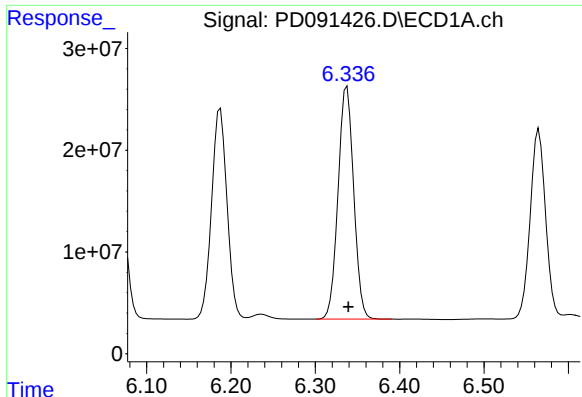
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 260951354
Conc: 45.00 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.003 min
Response: 2798053152
Conc: 52.36 ng/ml m



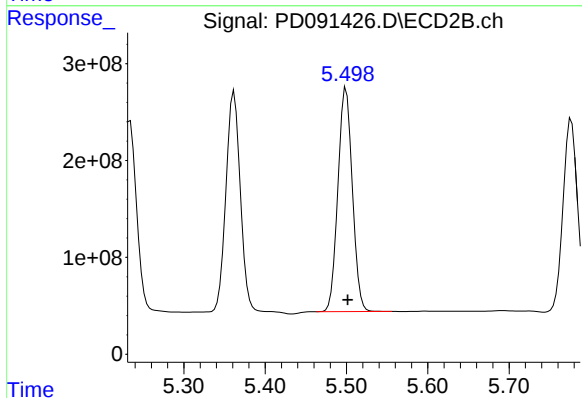
#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 294204906
Conc: 45.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

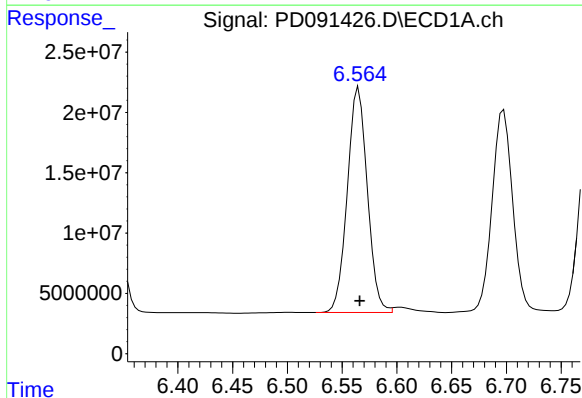
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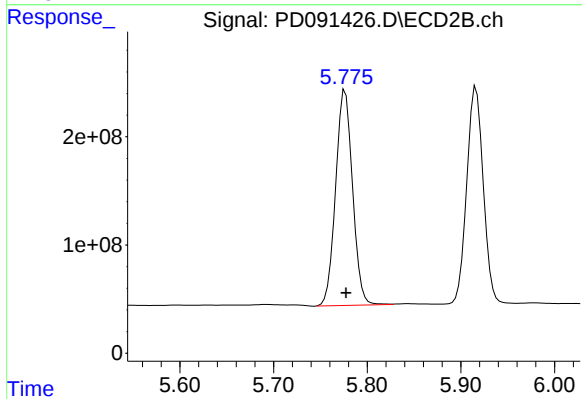
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 2845494012
Conc: 52.39 ng/ml



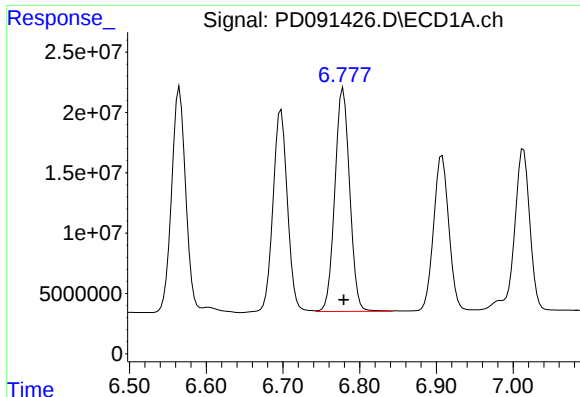
#14 Endrin

R.T.: 6.565 min
Delta R.T.: -0.001 min
Response: 237710441
Conc: 47.89 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 2499312210
Conc: 55.30 ng/ml



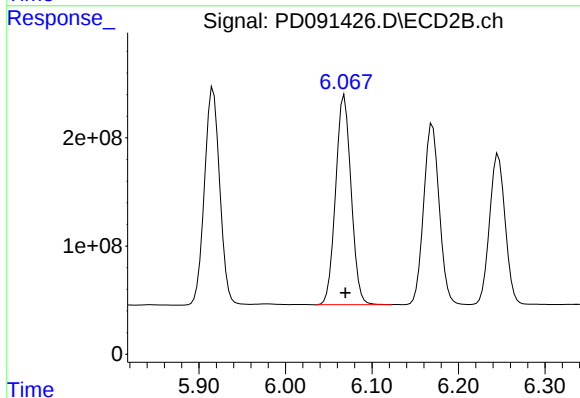
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 248921774
Conc: 44.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

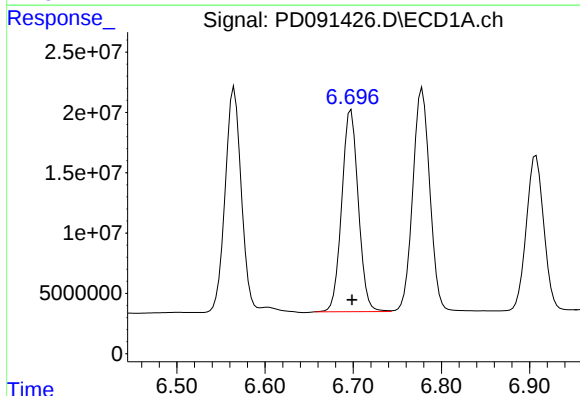
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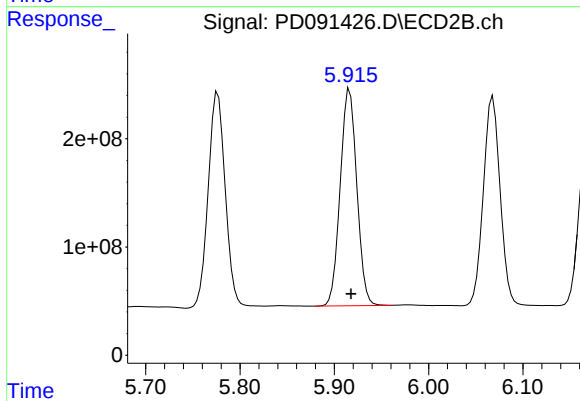
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2395232341
Conc: 51.31 ng/ml



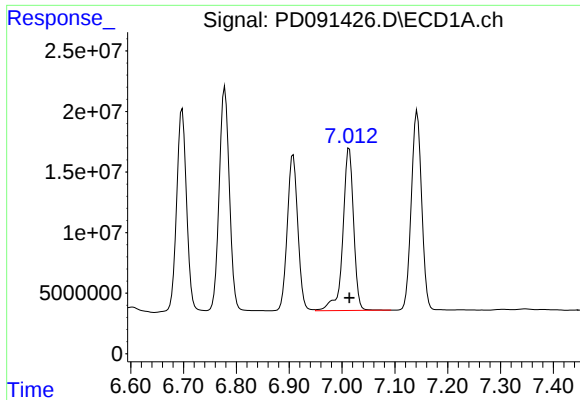
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 218279486
Conc: 44.44 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2456904877
Conc: 50.28 ng/ml



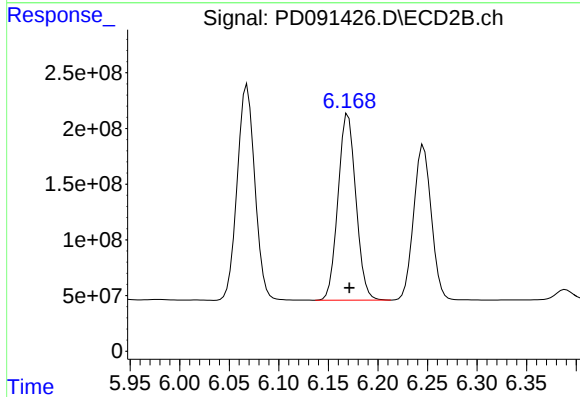
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 189778167
Conc: 45.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

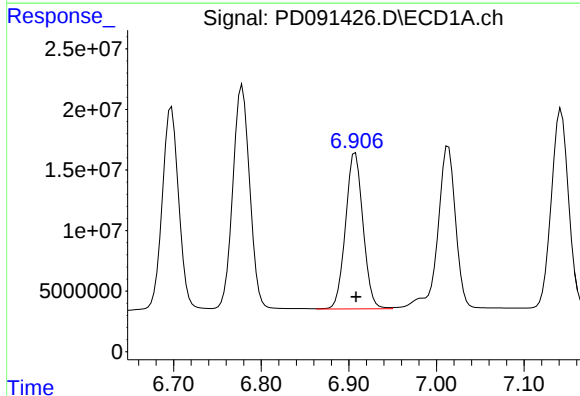
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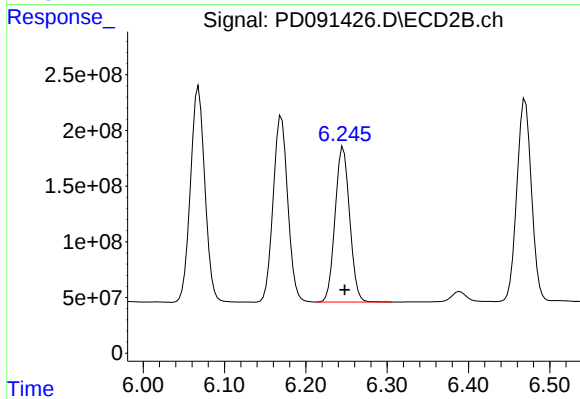
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 2101265207
Conc: 53.70 ng/ml



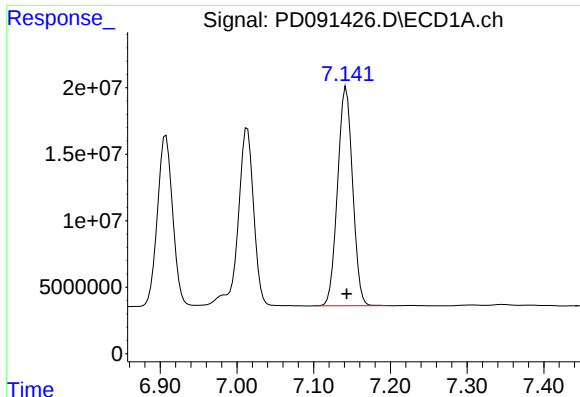
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 178581233
Conc: 42.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 1735534677
Conc: 49.18 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 224150758
Conc: 43.57 ng/ml

Instrument :

ECD_D

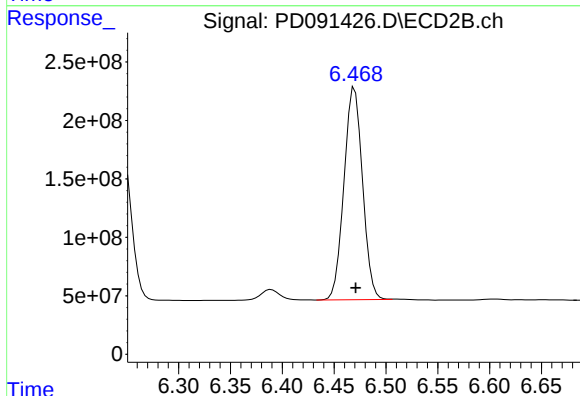
ClientSampleId :

PSTDCCC050

Manual Integrations

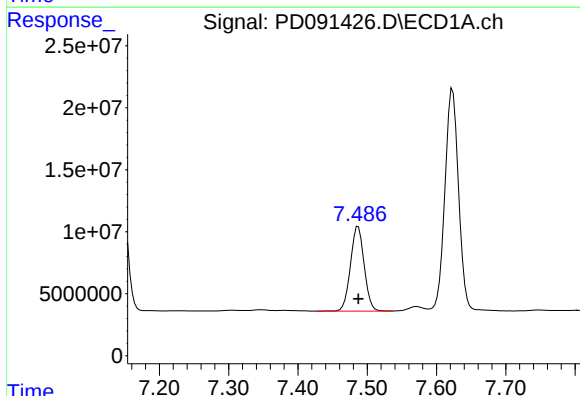
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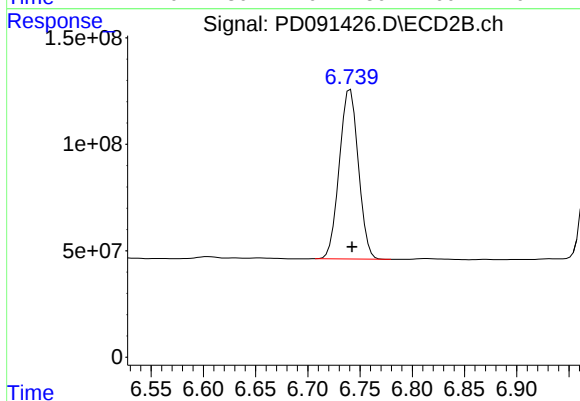
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 2259270268
Conc: 50.39 ng/ml



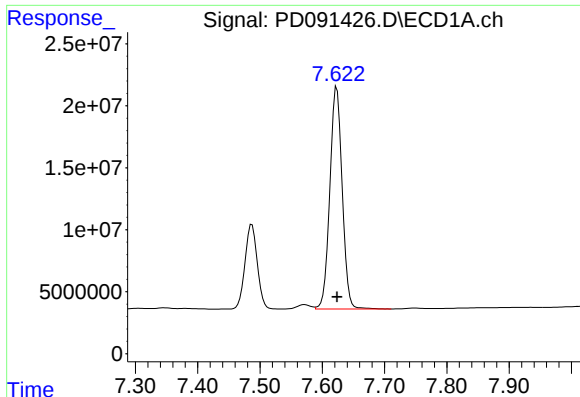
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 93904133
Conc: 43.19 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.001 min
Response: 1010383216
Conc: 50.39 ng/ml



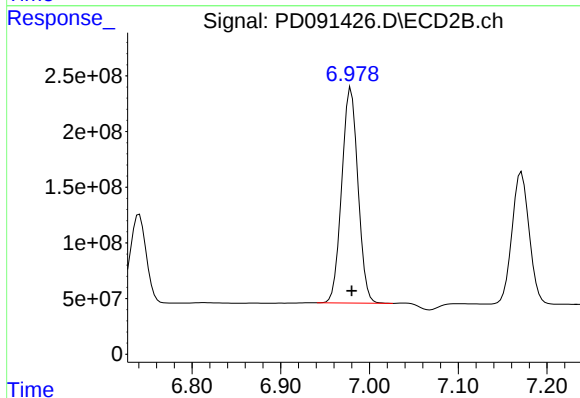
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 246383944
Conc: 43.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

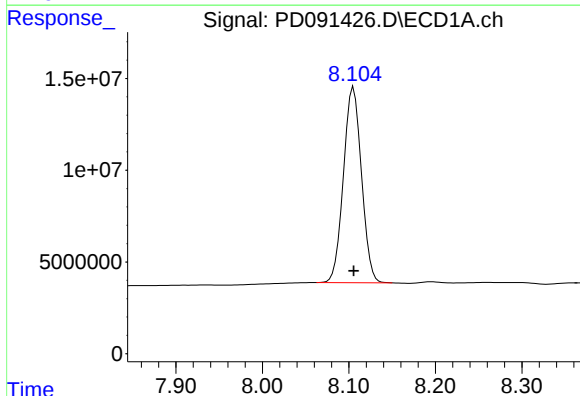
Manual Integrations
APPROVED

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



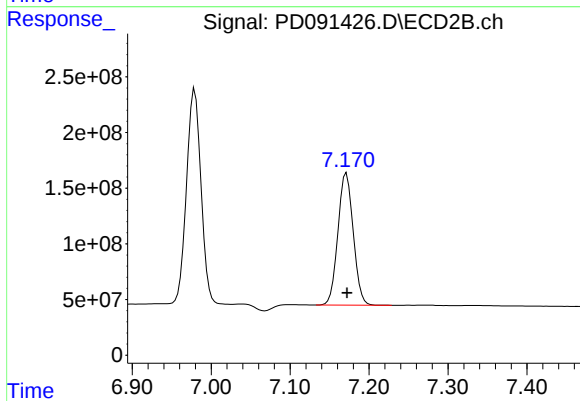
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 2459504920
Conc: 48.27 ng/ml



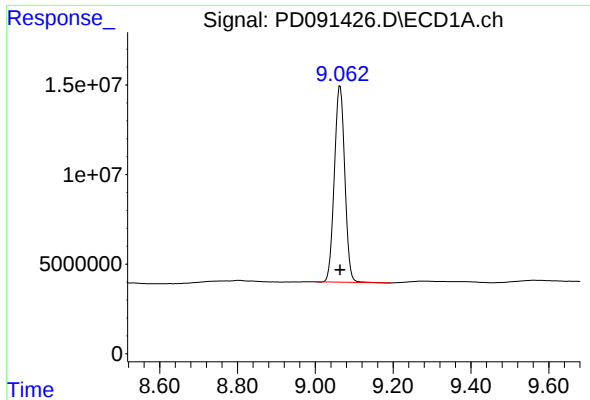
#22 Mirex

R.T.: 8.105 min
Delta R.T.: 0.000 min
Response: 153700066
Conc: 43.21 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: 0.000 min
Response: 1597131333
Conc: 48.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 203886409
Conc: 40.93 ng/ml

Instrument :

ECD_D

ClientSampleId :

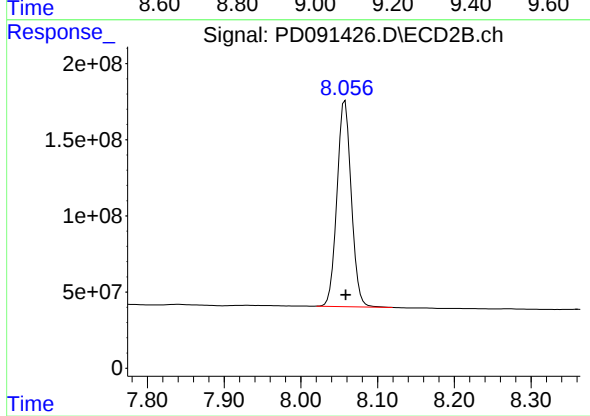
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.001 min
Response: 1750704043
Conc: 44.24 ng/ml