

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
 Data File : PD091446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2025 21:55
 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 01:12:46 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...	3.543	2.873	160.8E6	1892.0E6	46.627	51.651
28)	SA Decachlor...	9.064	8.058	212.1E6	1823.1E6	42.584	46.067
Target Compounds							
2)	A alpha-BHC	3.992	3.384	389.3E6	3329.9E6	48.695	52.687
3)	MA gamma-BHC...	4.323	3.720	362.7E6	3039.5E6	48.529	52.568
4)	MA Heptachlor	4.920	4.072	331.3E6	2783.4E6	46.265	50.415
5)	MB Aldrin	5.262	4.357	345.4E6	2986.4E6	47.595	52.896
6)	B beta-BHC	4.510	4.016	136.0E6	1244.5E6	46.803	51.795
7)	B delta-BHC	4.758	4.252	362.9E6	3066.5E6	48.830	52.438
8)	B Heptachlo...	5.682	4.861	306.0E6	2655.7E6	47.108	52.115
9)	A Endosulfan I	6.066	5.235	287.6E6	2444.9E6	46.812	51.094
10)	B gamma-Chl...	5.936	5.113	306.3E6	2899.1E6	47.120m	53.071
11)	B alpha-Chl...	6.018	5.178	313.6E6	2746.7E6	45.559	52.487
12)	B 4,4'-DDE	6.188	5.361	272.5E6	2767.9E6	46.982	51.793m
13)	MA Dieldrin	6.339	5.500	306.5E6	2836.8E6	47.413	52.232
14)	MA Endrin	6.566	5.778	244.5E6	2499.3E6	49.265	55.304
15)	B Endosulfa...	6.779	6.069	258.7E6	2412.9E6	46.527	51.692
16)	A 4,4'-DDD	6.698	5.917	226.0E6	2432.7E6	46.021	49.781
17)	MA 4,4'-DDT	7.015	6.171	194.2E6	2088.2E6	46.948	53.363
18)	B Endrin al...	6.909	6.247	187.5E6	1769.9E6	45.004	50.154
19)	B Endosulfa...	7.144	6.470	234.1E6	2202.1E6	45.505	49.116
20)	A Methoxychlor	7.488	6.741	95462314	997.7E6	43.904	49.757
21)	B Endrin ke...	7.622	6.980	252.8E6	2523.8E6	44.871m	49.528
22)	Mirex	8.106	7.172	159.1E6	1593.7E6	44.722	48.089

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
Data File : PD091446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2025 21:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

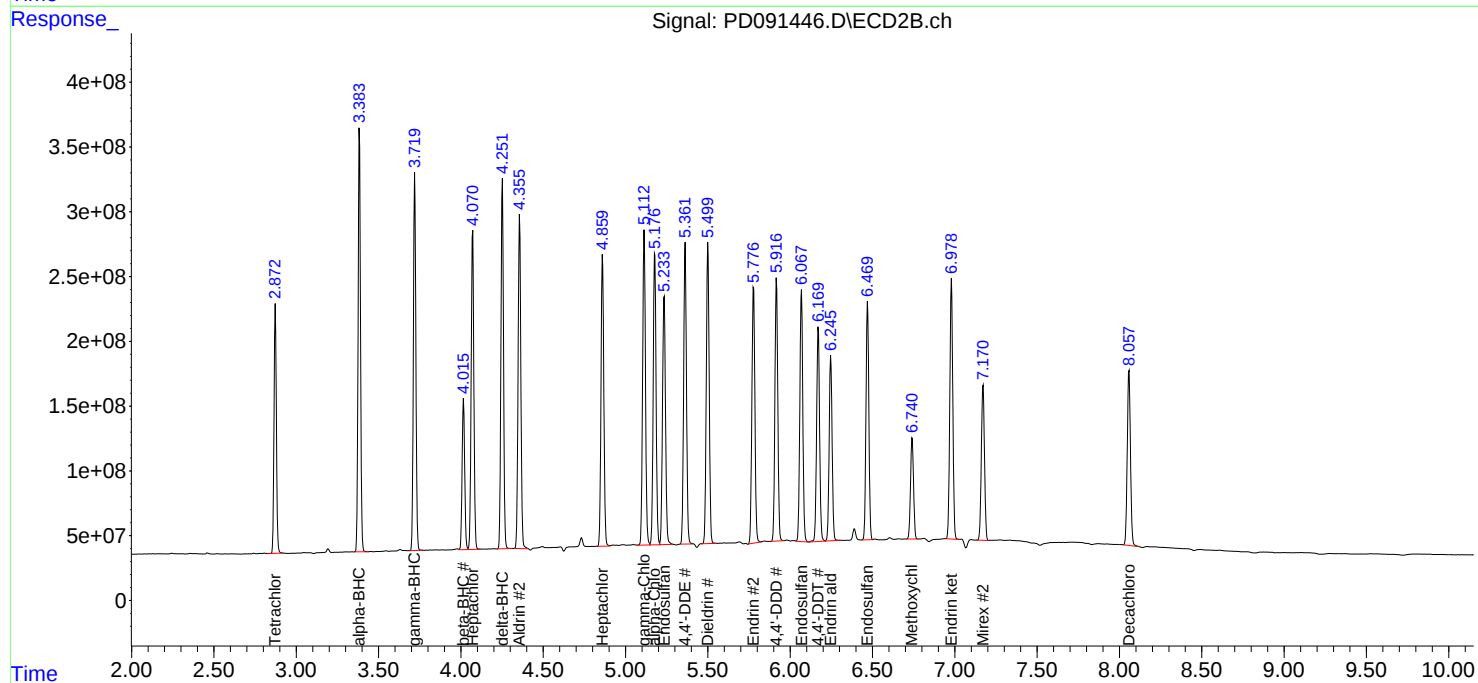
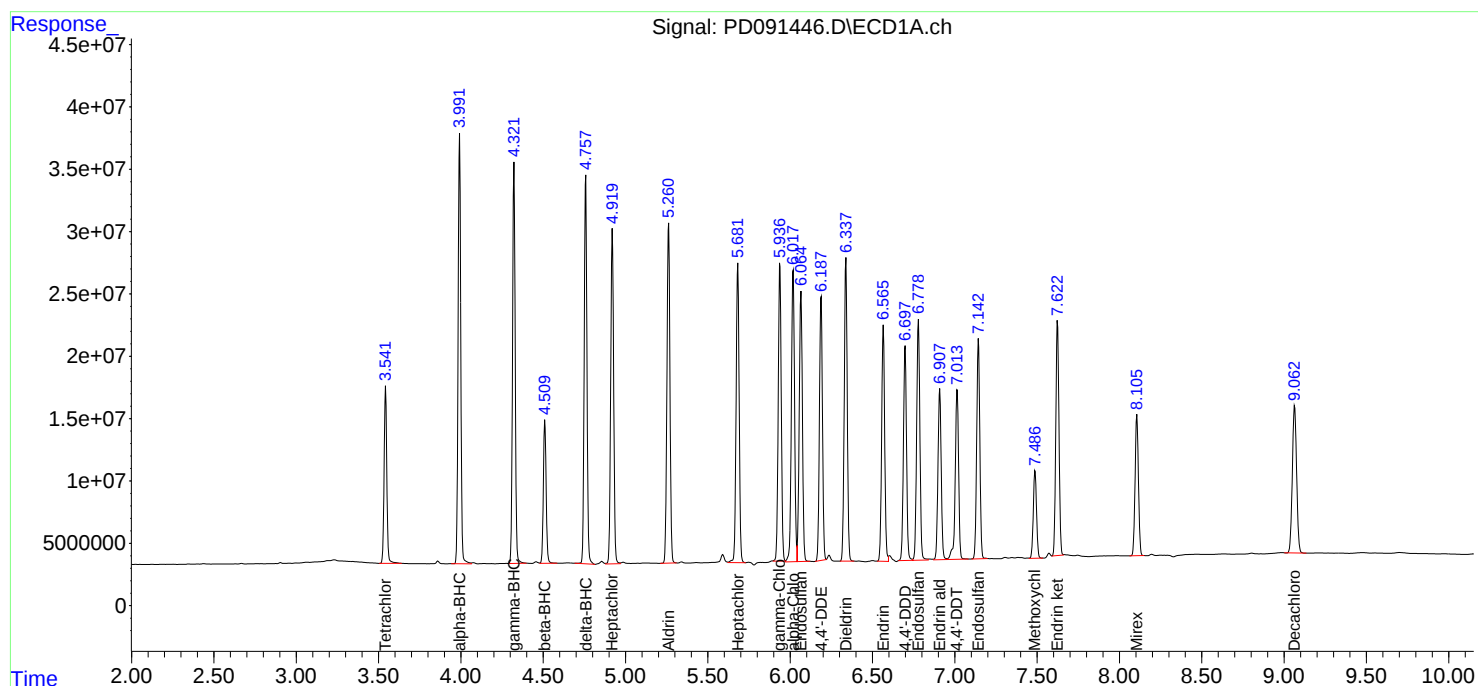
Manual Integrations

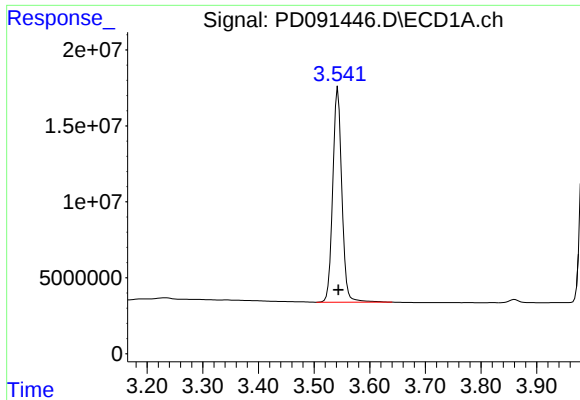
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Supervised By : Sohil Jodhani 12/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 01:12:46 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





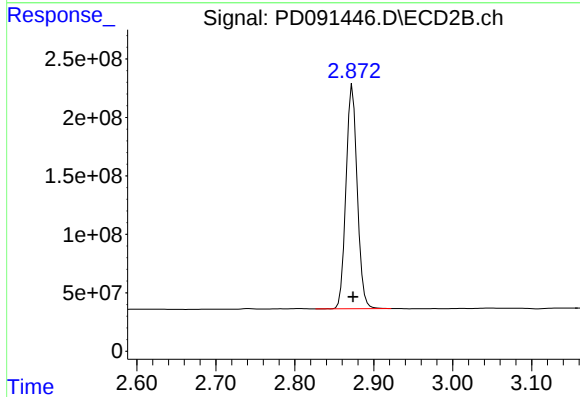
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 160798643
Conc: 46.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

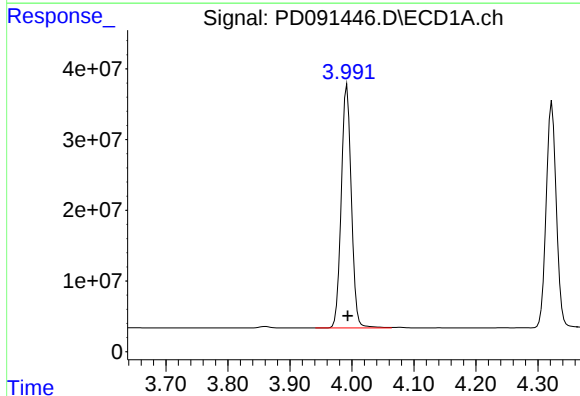
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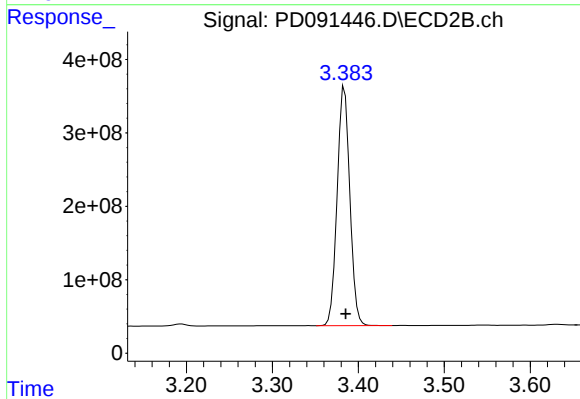
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 1891996889
Conc: 51.65 ng/ml



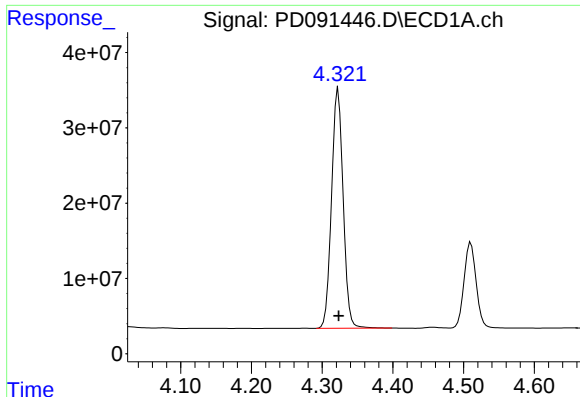
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 389337702
Conc: 48.69 ng/ml



#2 alpha-BHC

R.T.: 3.384 min
Delta R.T.: -0.001 min
Response: 3329946785
Conc: 52.69 ng/ml



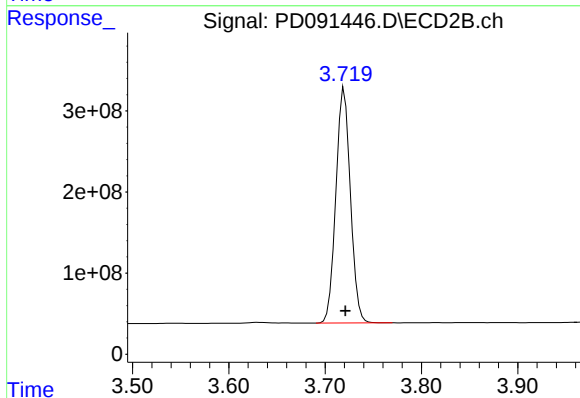
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.001 min
Response: 362654231
Conc: 48.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

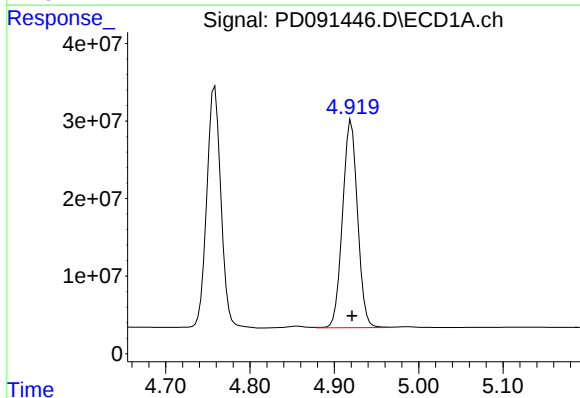
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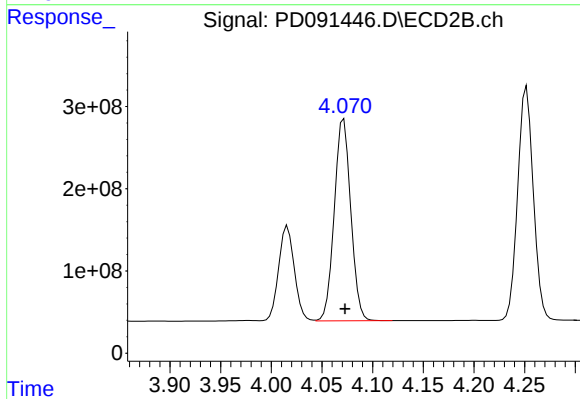
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: 0.000 min
Response: 3039544458
Conc: 52.57 ng/ml



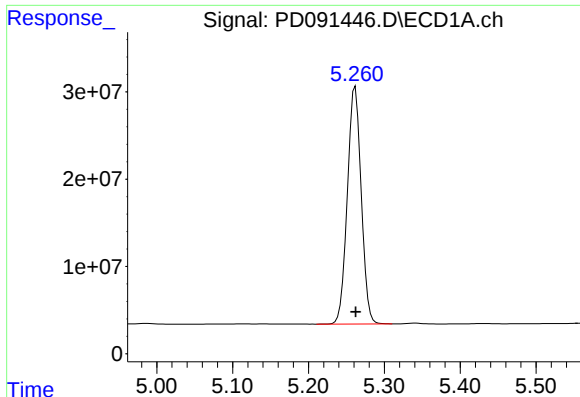
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 331338543
Conc: 46.27 ng/ml



#4 Heptachlor

R.T.: 4.072 min
Delta R.T.: -0.001 min
Response: 2783380059
Conc: 50.41 ng/ml



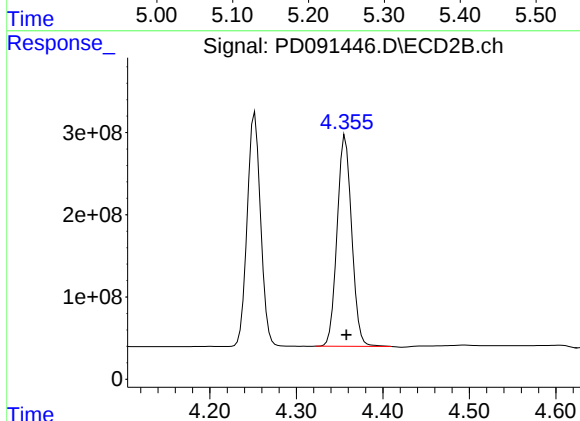
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 345366331
Conc: 47.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

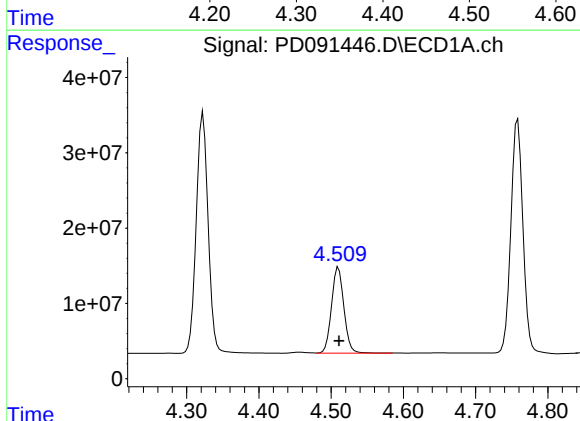
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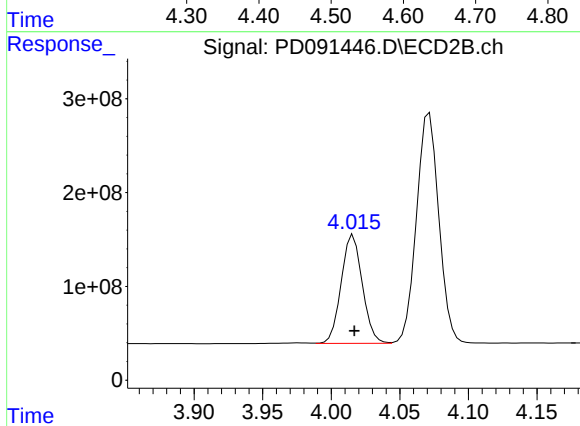
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.001 min
Response: 2986426191
Conc: 52.90 ng/ml



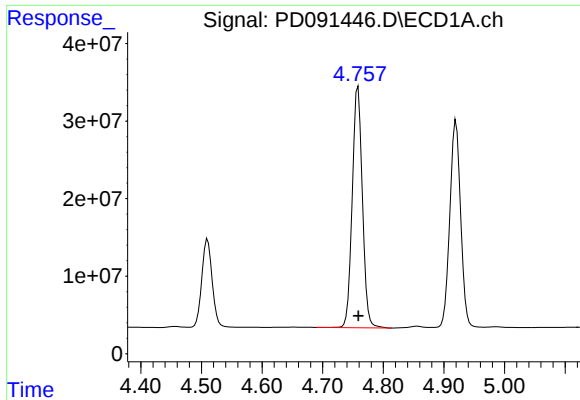
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.001 min
Response: 135985945
Conc: 46.80 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 1244475616
Conc: 51.79 ng/ml



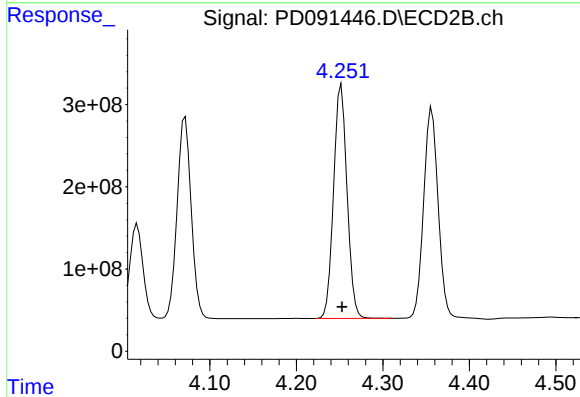
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 362906154
Conc: 48.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

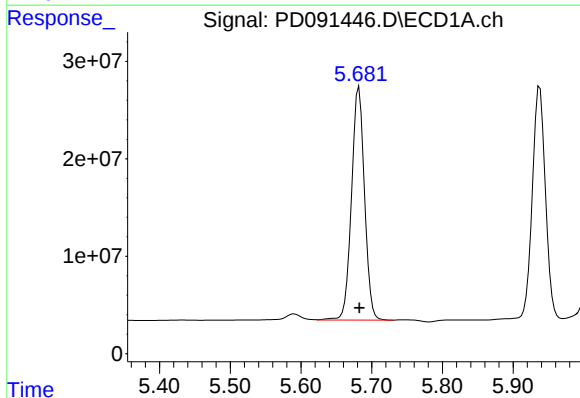
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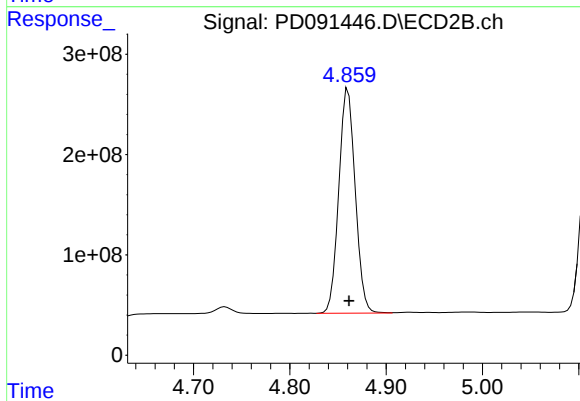
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 3066451838
Conc: 52.44 ng/ml



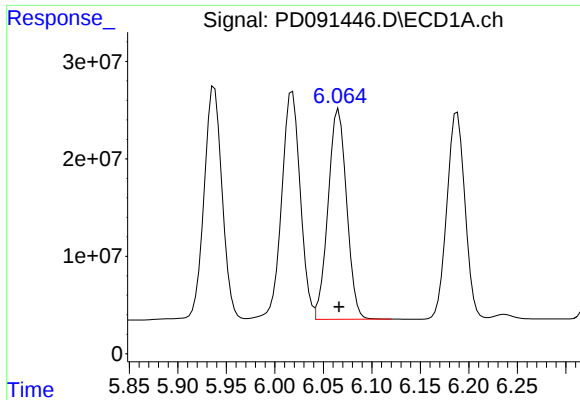
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 306046546
Conc: 47.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: -0.001 min
Response: 2655731223
Conc: 52.12 ng/ml



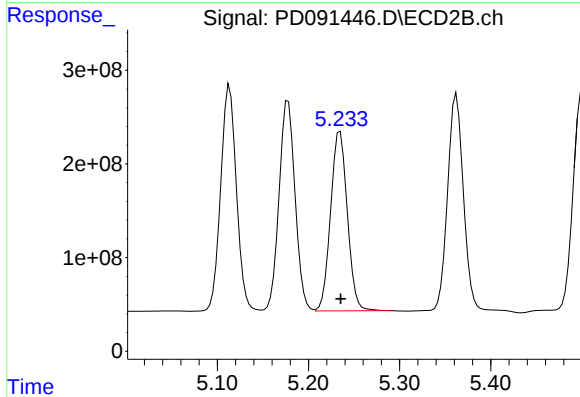
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 287564255
Conc: 46.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

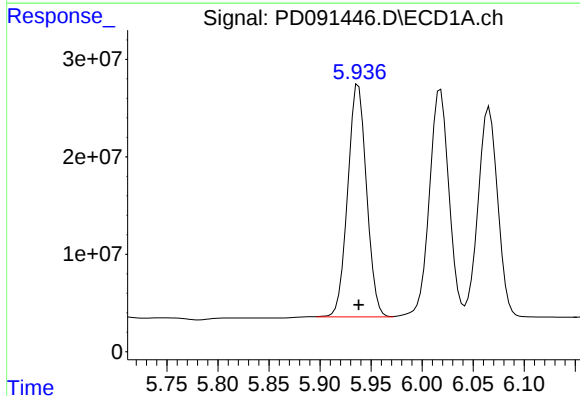
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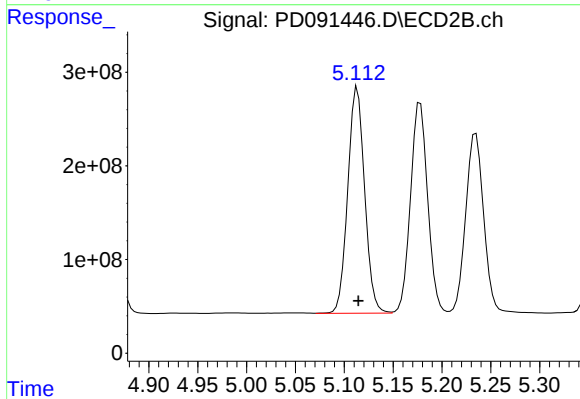
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 2444927064
Conc: 51.09 ng/ml



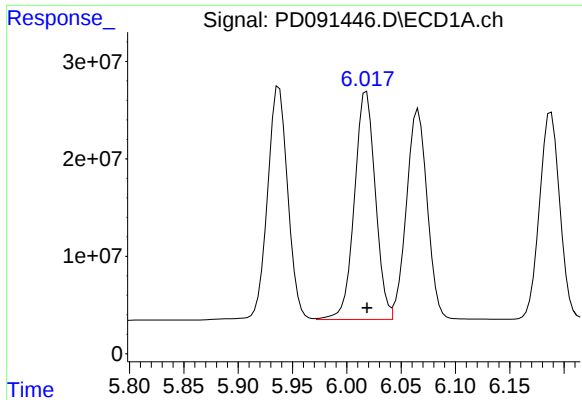
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 306314509
Conc: 47.12 ng/ml m



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.001 min
Response: 2899106685
Conc: 53.07 ng/ml



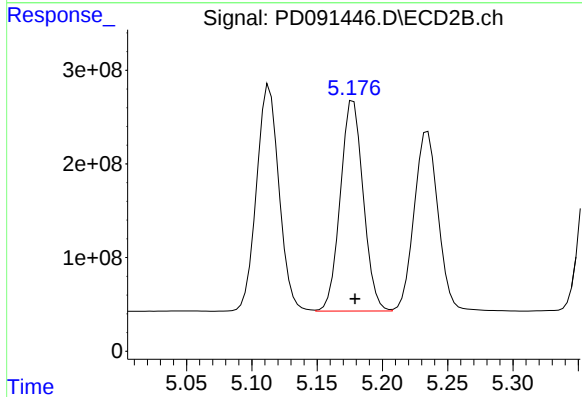
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 313572146
Conc: 45.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

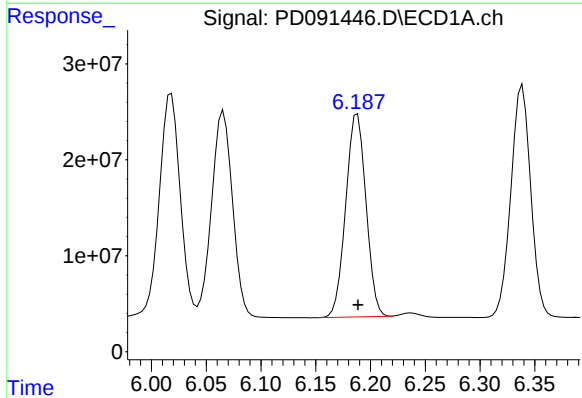
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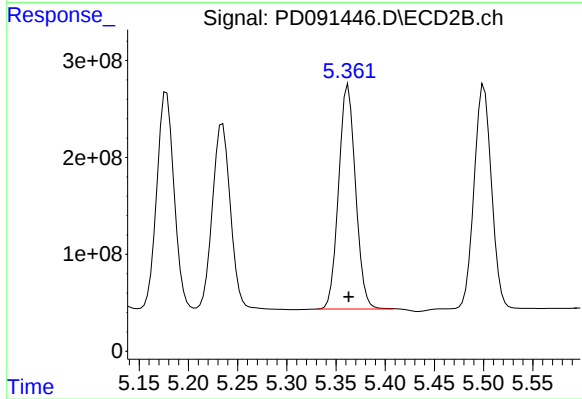
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.001 min
Response: 2746712605
Conc: 52.49 ng/ml



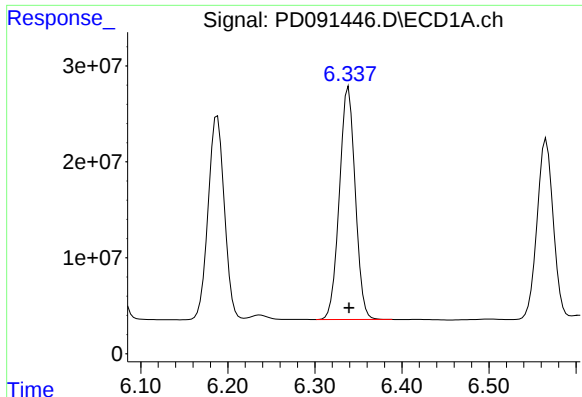
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 272466040
Conc: 46.98 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 2767904892
Conc: 51.79 ng/ml m



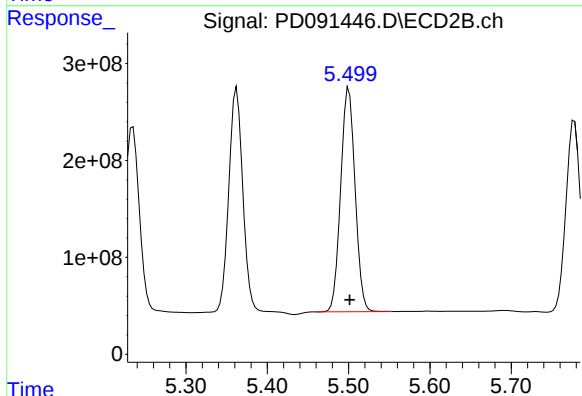
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 306522429
Conc: 47.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

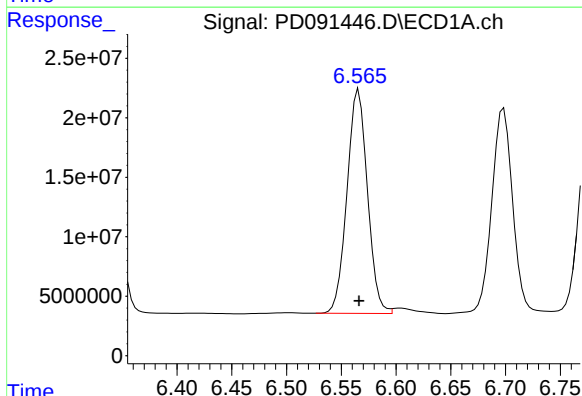
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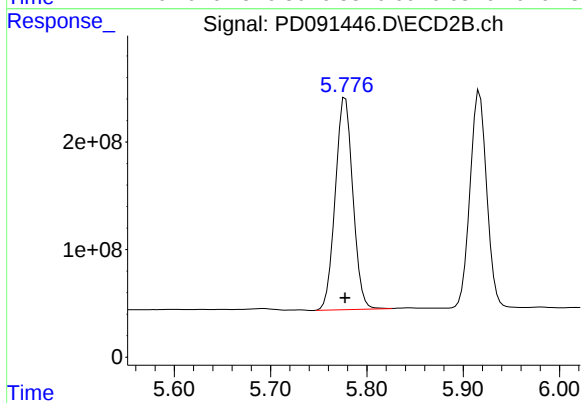
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 2836788263
Conc: 52.23 ng/ml



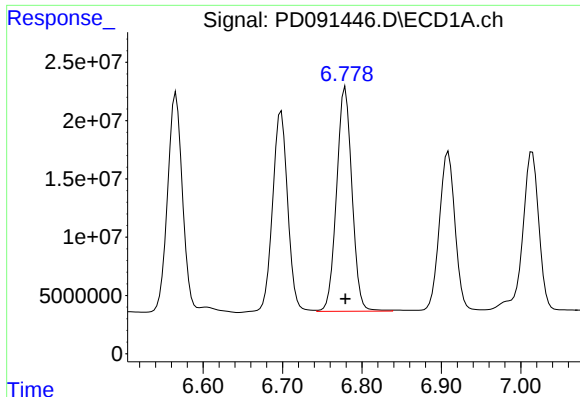
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 244527510
Conc: 49.27 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 2499323774
Conc: 55.30 ng/ml



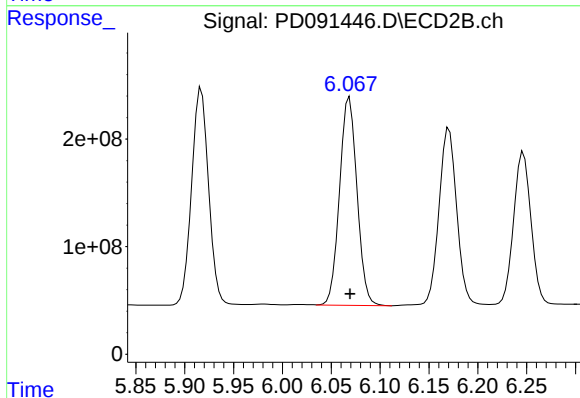
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 258657958
Conc: 46.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

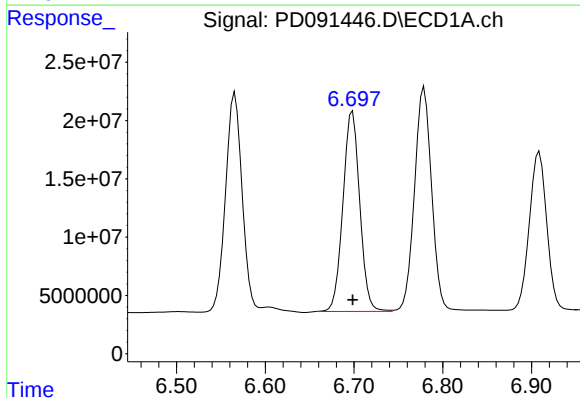
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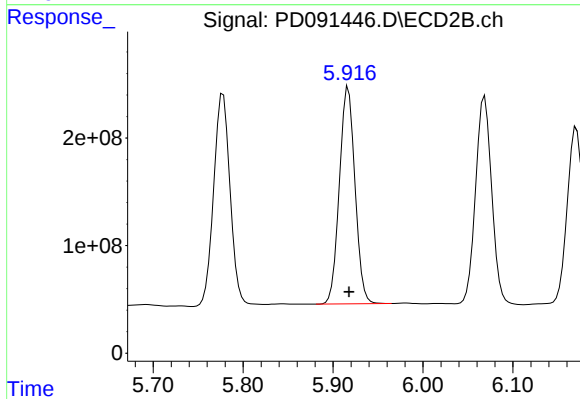
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 2412949582
Conc: 51.69 ng/ml



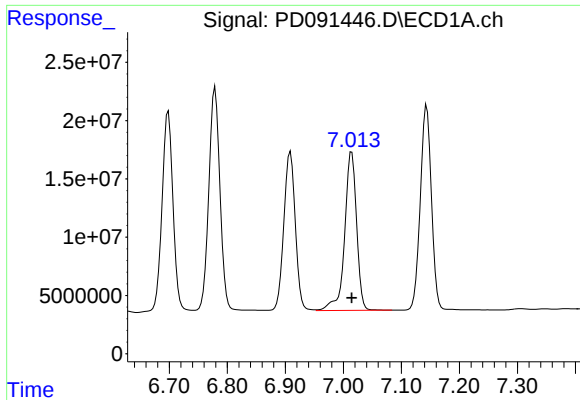
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 226034910
Conc: 46.02 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 2432736077
Conc: 49.78 ng/ml



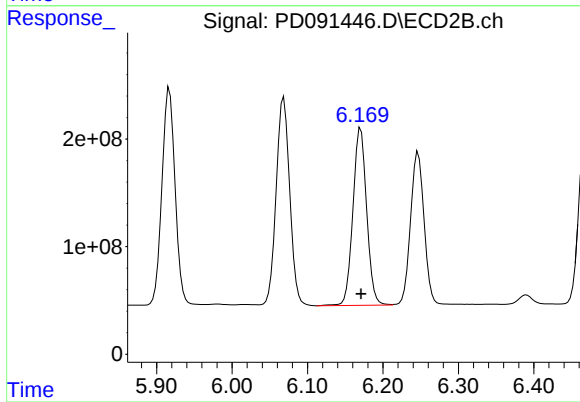
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 194153931
Conc: 46.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

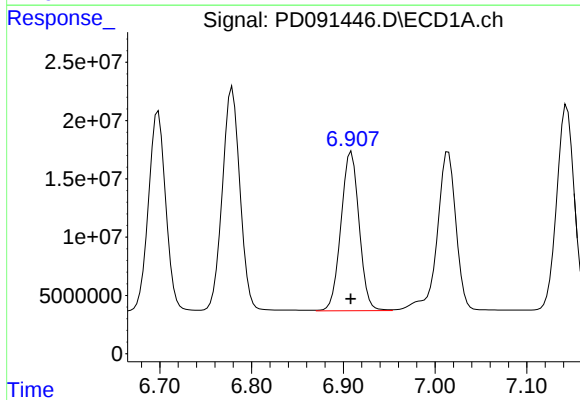
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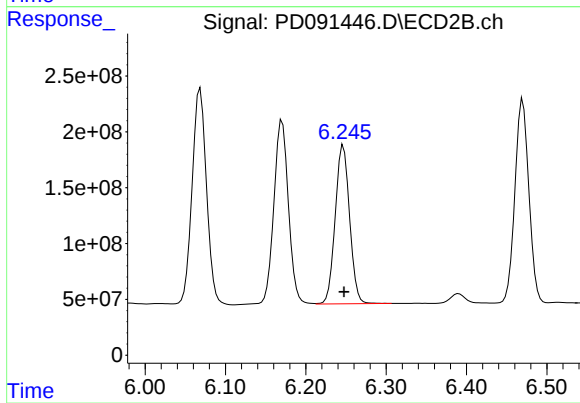
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 2088242255
Conc: 53.36 ng/ml



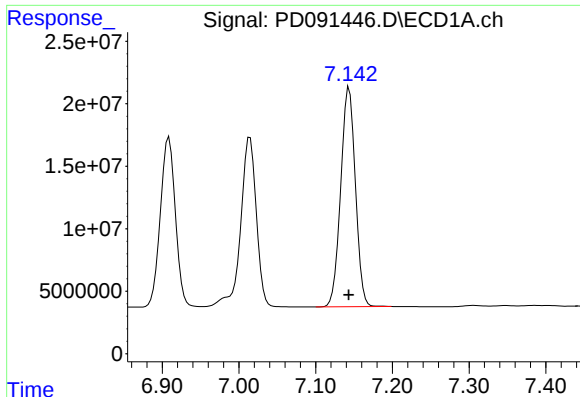
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 187489098
Conc: 45.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 1769873061
Conc: 50.15 ng/ml



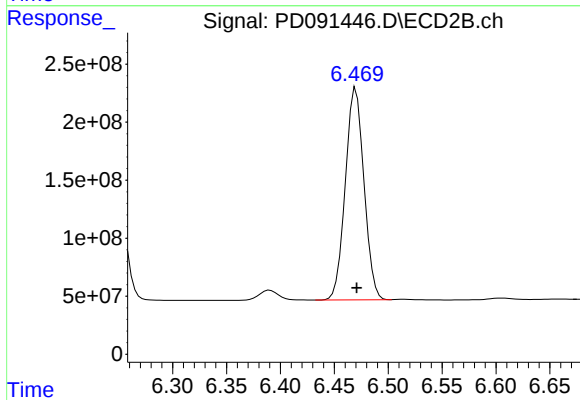
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 234112201
Conc: 45.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

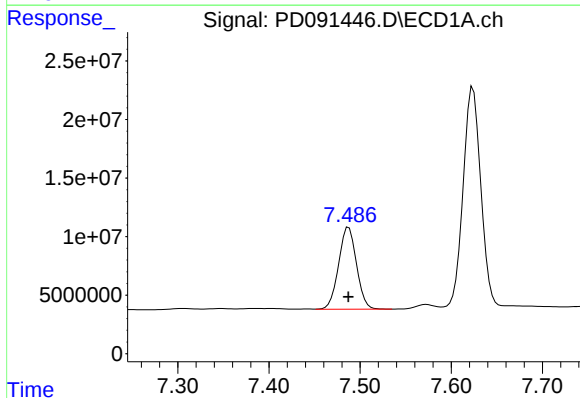
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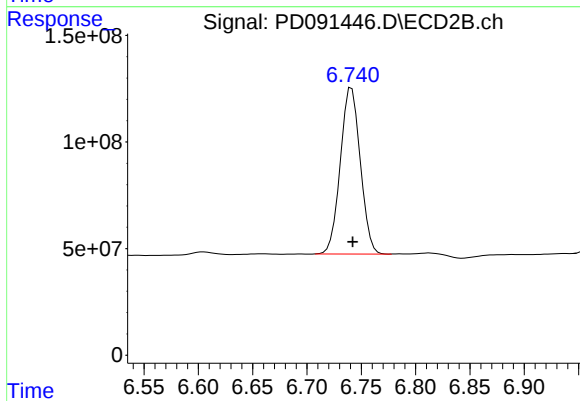
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2202118150
Conc: 49.12 ng/ml



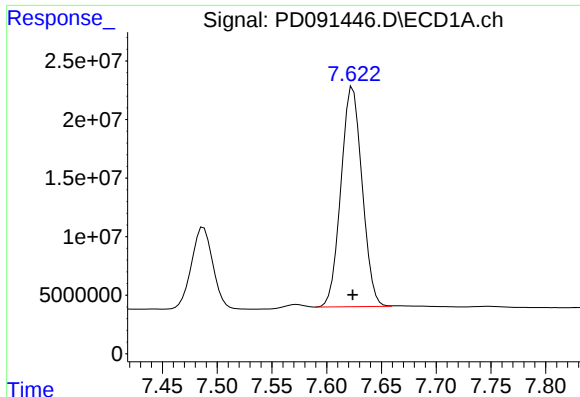
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 95462314
Conc: 43.90 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.001 min
Response: 997698235
Conc: 49.76 ng/ml



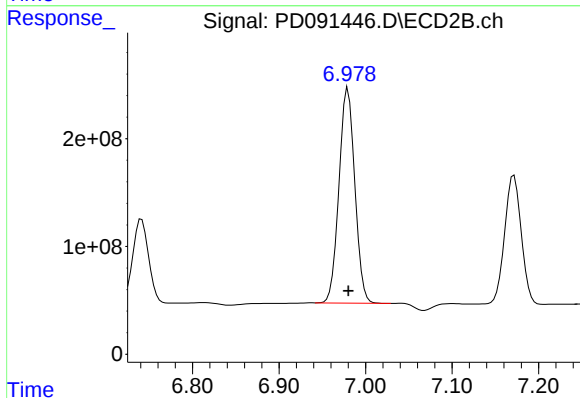
#21 Endrin ketone

R.T.: 7.622 min
Delta R.T.: -0.001 min
Response: 252780687
Conc: 44.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

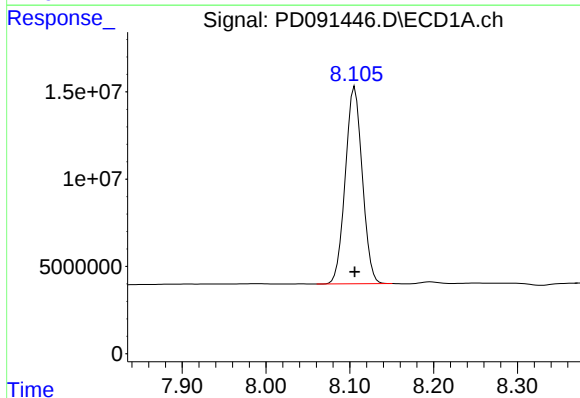
Manual Integrations
APPROVED

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



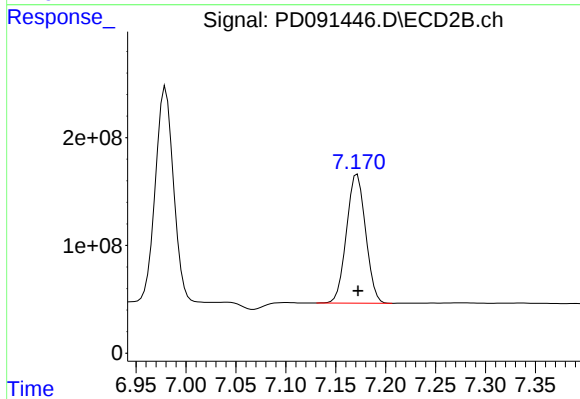
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 2523768481
Conc: 49.53 ng/ml



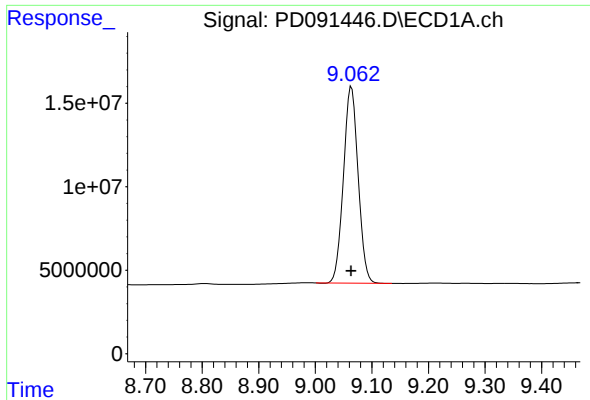
#22 Mirex

R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 159076900
Conc: 44.72 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 1593650973
Conc: 48.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 212147872
Conc: 42.58 ng/ml

Instrument :

ECD_D

ClientSampleId :

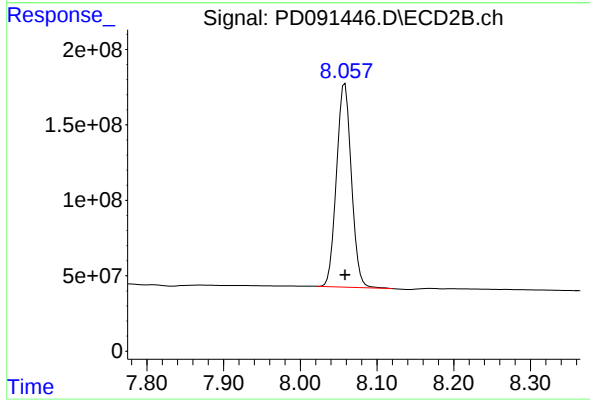
PSTDCCC050

Manual Integrations

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Supervised By :Sohil Jodhani 12/03/2025



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 1823085036
Conc: 46.07 ng/ml