

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
 Data File : PD091108.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2025 15:12
 Operator : AR\AJ
 Sample : PB170506BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170506BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/13/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 21:24:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	76535495	794.0E6	24.577	26.666
28)	SA Decachlor...	9.065	8.060	111.4E6	873.3E6	23.805	28.829
Target Compounds							
2)	A alpha-BHC	3.994	3.385	393.9E6	3004.3E6	54.881	58.797
3)	MA gamma-BHC...	4.324	3.721	367.9E6	2762.2E6	54.114	58.460
4)	MA Heptachlor	4.922	4.073	364.4E6	2670.0E6	65.185	59.863
5)	MB Aldrin	5.264	4.359	355.0E6	2733.1E6	54.220	59.006
6)	B beta-BHC	4.512	4.018	137.5E6	1114.2E6	52.478	56.191
7)	B delta-BHC	4.760	4.254	386.7E6	2789.1E6	57.195	58.452
8)	B Heptachlo...	5.684	4.863	340.2E6	2442.5E6	58.766	57.284
9)	A Endosulfan I	6.068	5.237	300.1E6	1806.6E6	54.210	45.865
10)	B gamma-Chl...	5.939	5.115	313.5E6	2610.2E6	52.858	58.071
11)	B alpha-Chl...	6.020	5.180	352.8E6	2483.5E6	57.091	57.571
12)	B 4,4'-DDE	6.189	5.365	266.4E6	2673.6E6	50.005	60.988
13)	MA Dieldrin	6.340	5.503	316.3E6	2587.8E6	54.247	58.569
14)	MA Endrin	6.568	5.780	292.2E6	2727.6E6	58.991	67.359
15)	B Endosulfa...	6.780	6.071	296.6E6	2194.0E6	59.312	58.420
16)	A 4,4'-DDD	6.699	5.919	253.2E6	2241.6E6	62.451	61.517
17)	MA 4,4'-DDT	7.015	6.173	227.4E6	2045.6E6	55.330	58.323
18)	B Endrin al...	6.910	6.249	209.4E6	1649.1E6	57.171	59.549
19)	B Endosulfa...	7.144	6.472	246.5E6	2086.1E6	53.141	58.198
20)	A Methoxychlor	7.488	6.743	119.7E6	1030.1E6	56.304	59.109
21)	B Endrin ke...	7.625	6.981	266.1E6	2161.3E6	54.756	57.303m
22)	Mirex	8.107	7.174	164.3E6	1505.2E6	51.324	58.588

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091108.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 15:12
Operator : AR\AJ
Sample : PB170506BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170506BS

Manual Integrations

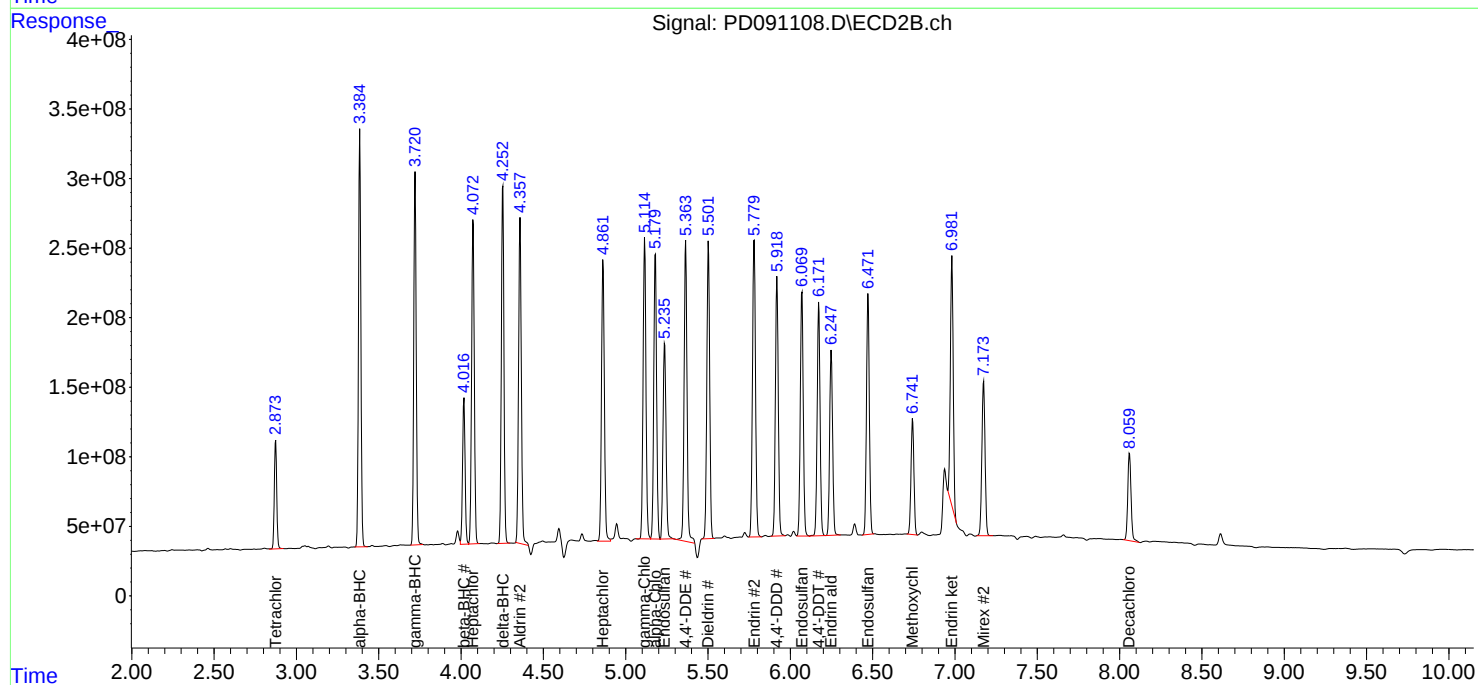
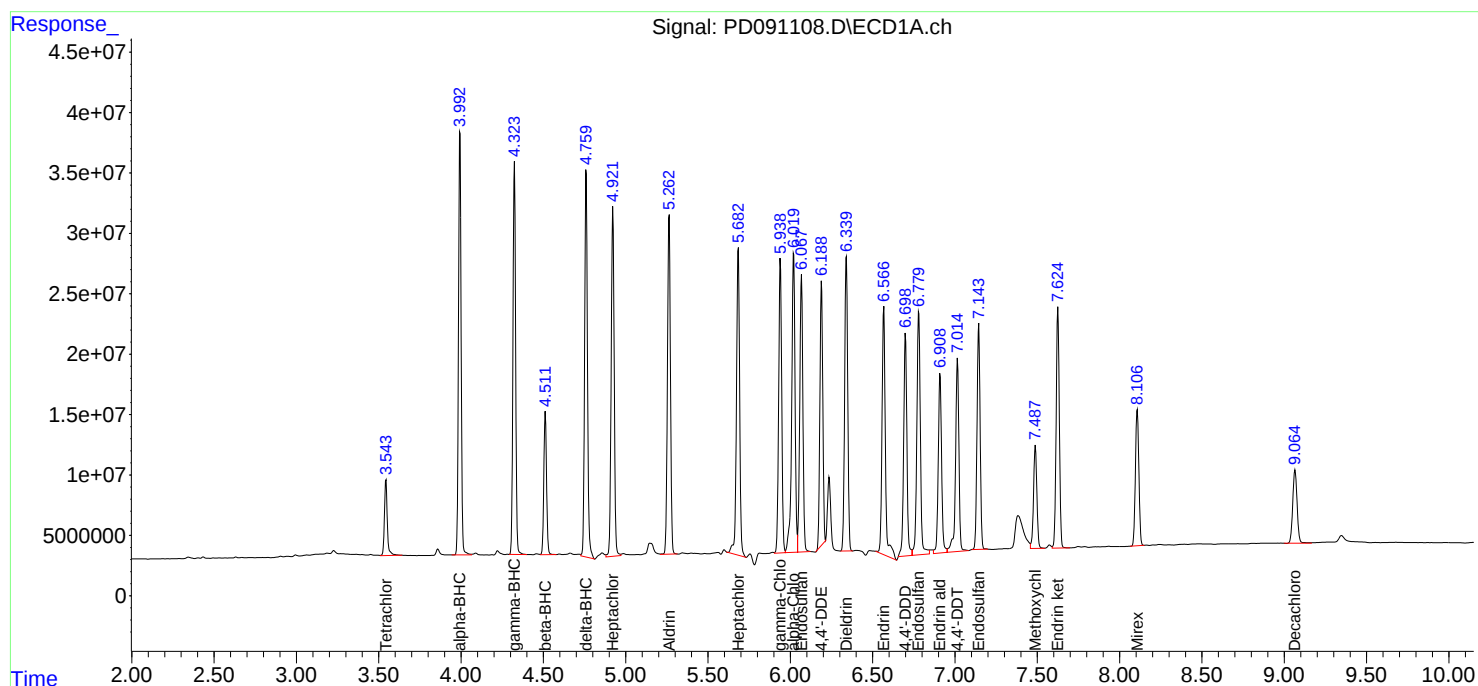
APPROVED

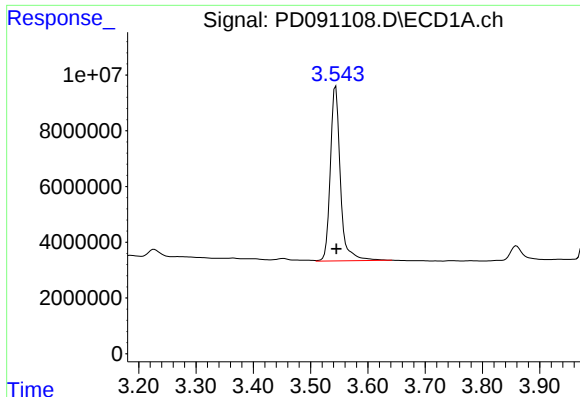
Reviewed By :Rahul Chavli 11/13/2025

Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:24:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
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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





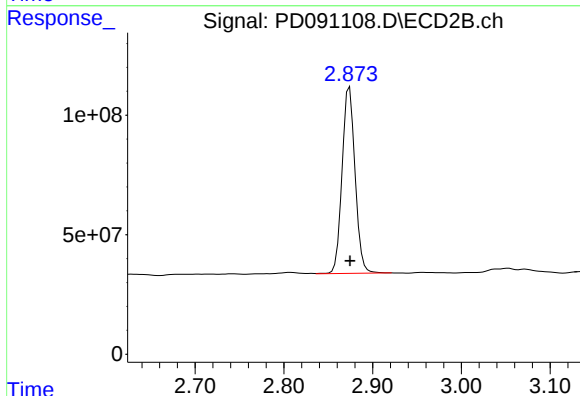
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 76535495
Conc: 24.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170506BS

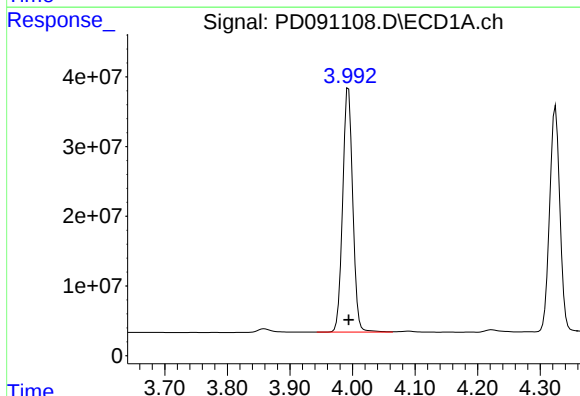
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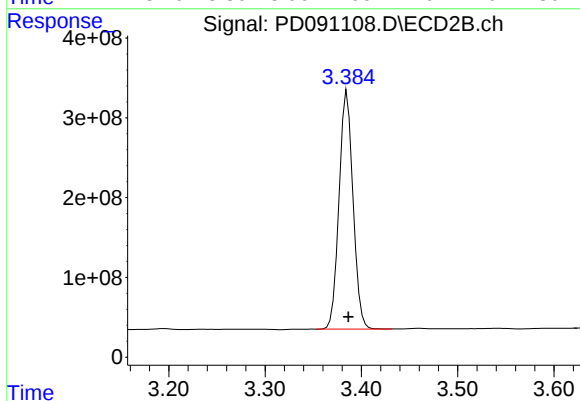
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 794033610
Conc: 26.67 ng/ml



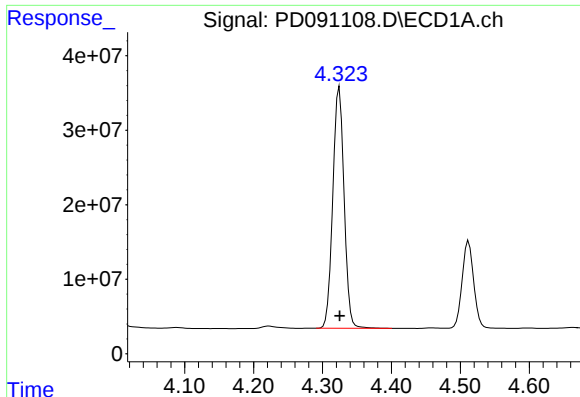
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 393891693
Conc: 54.88 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 3004277232
Conc: 58.80 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 367911898
Conc: 54.11 ng/ml

Instrument :

ECD_D

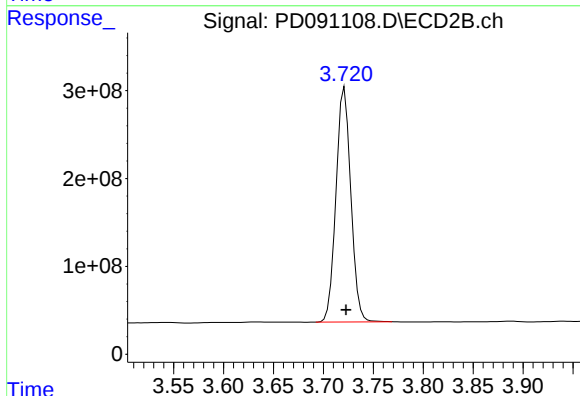
ClientSampleId :

PB170506BS

Manual Integrations

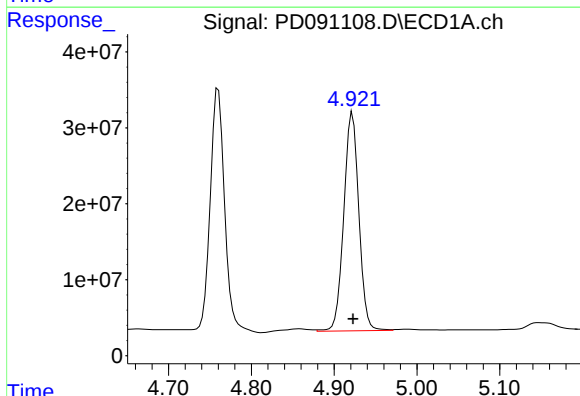
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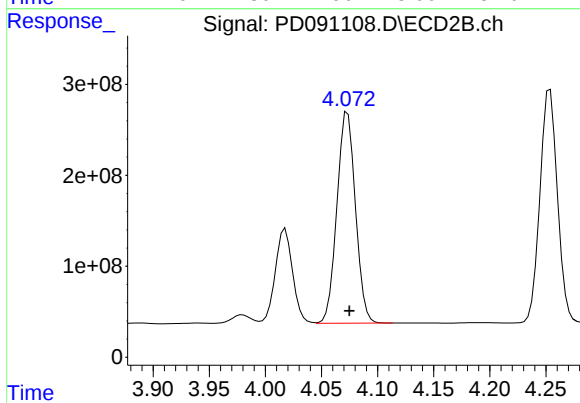
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 2762155655
Conc: 58.46 ng/ml



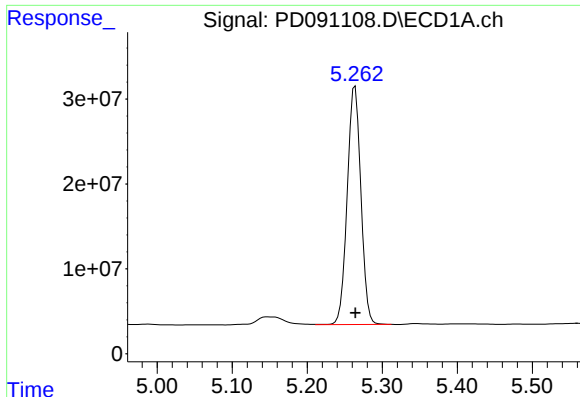
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 364353944
Conc: 65.18 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2670038197
Conc: 59.86 ng/ml



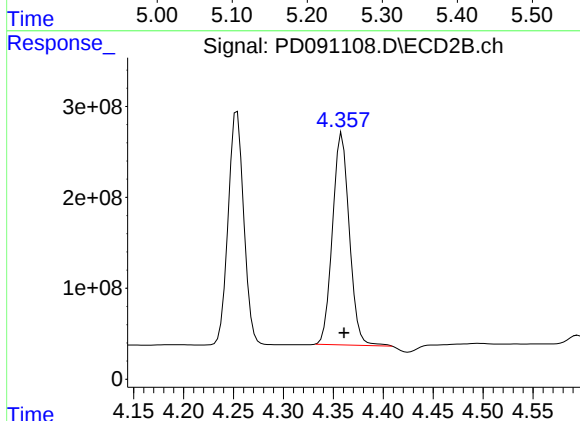
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 354992516
Conc: 54.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170506BS

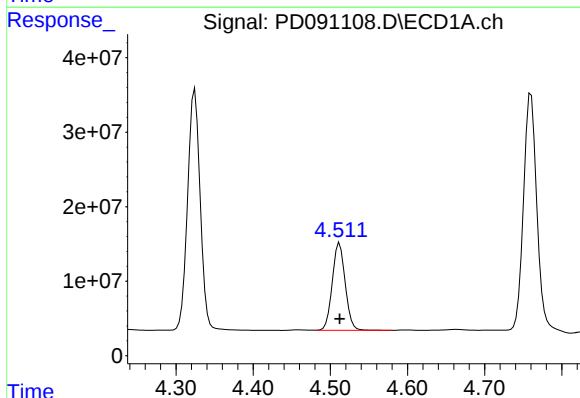
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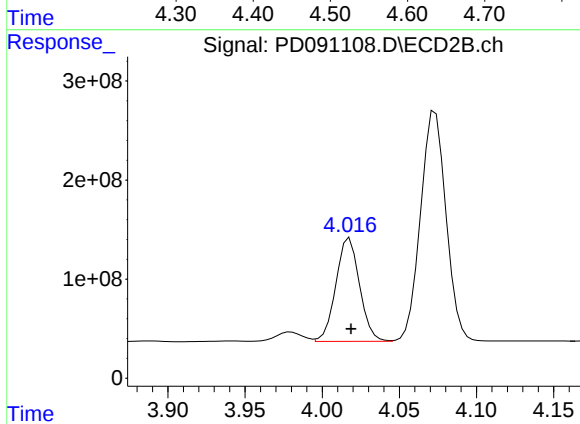
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2733102295
Conc: 59.01 ng/ml



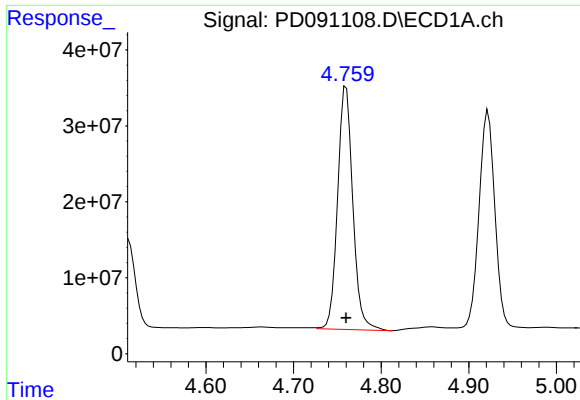
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 137472290
Conc: 52.48 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 1114240350
Conc: 56.19 ng/ml



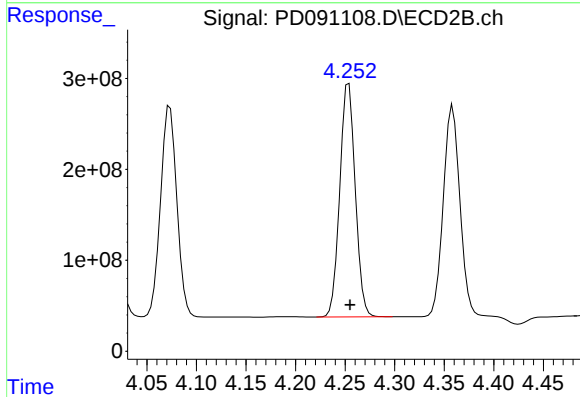
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 386739610
Conc: 57.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170506BS

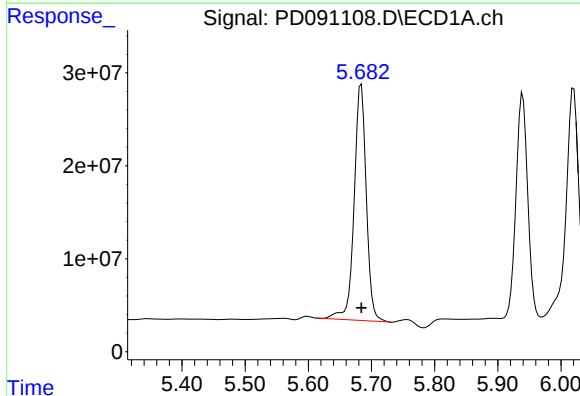
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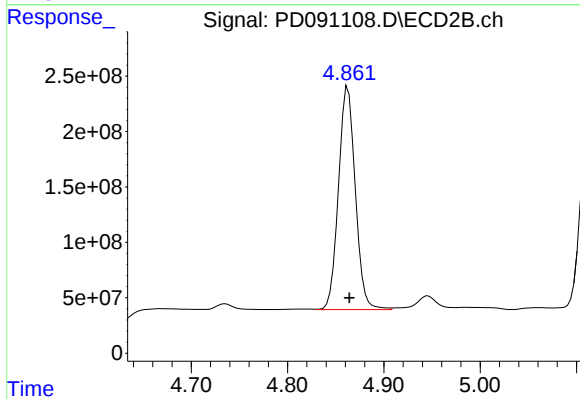
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 2789110241
Conc: 58.45 ng/ml



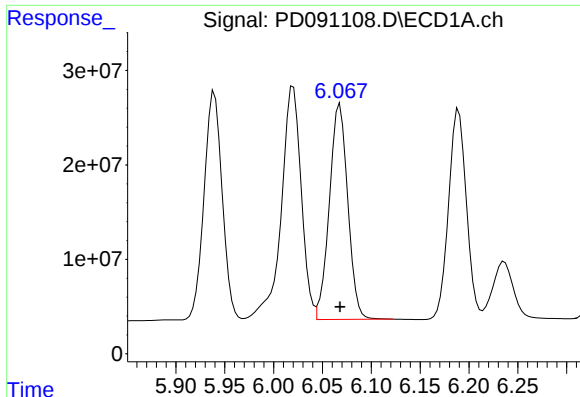
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 340200959
Conc: 58.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 2442516977
Conc: 57.28 ng/ml



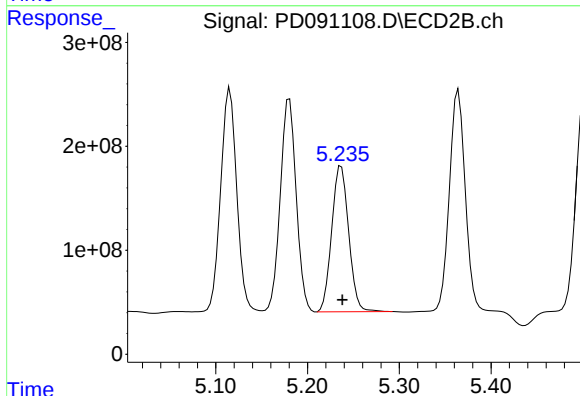
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 300141427
Conc: 54.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170506BS

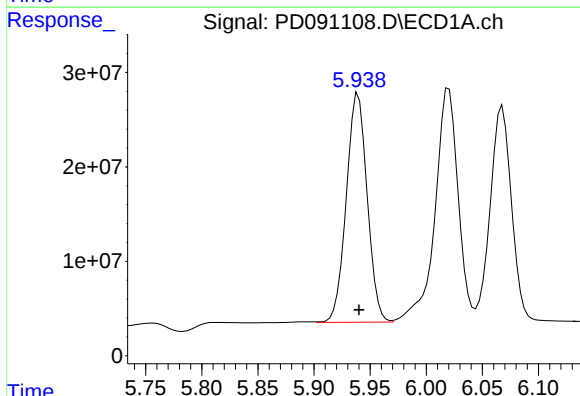
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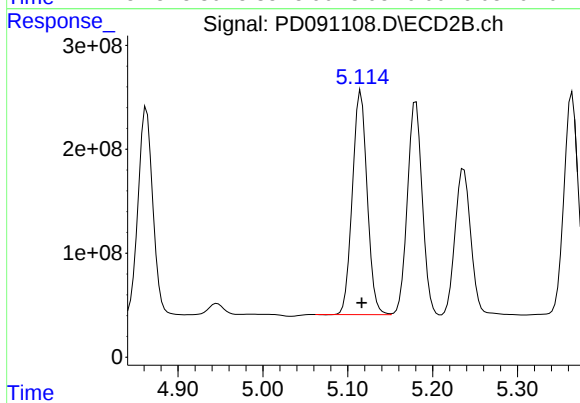
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1806625517
Conc: 45.86 ng/ml



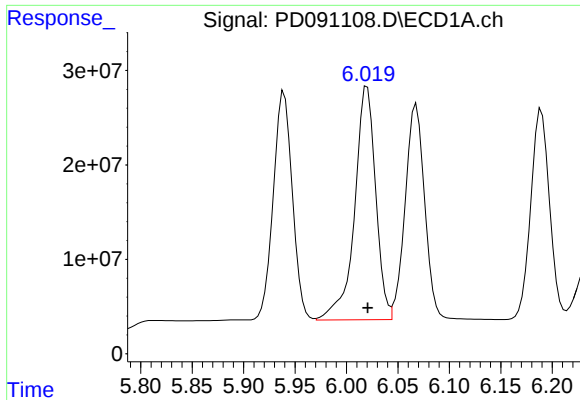
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 313512215
Conc: 52.86 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 2610243416
Conc: 58.07 ng/ml



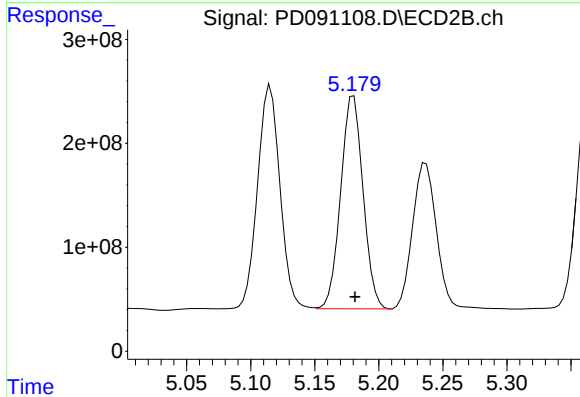
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 352836880
Conc: 57.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170506BS

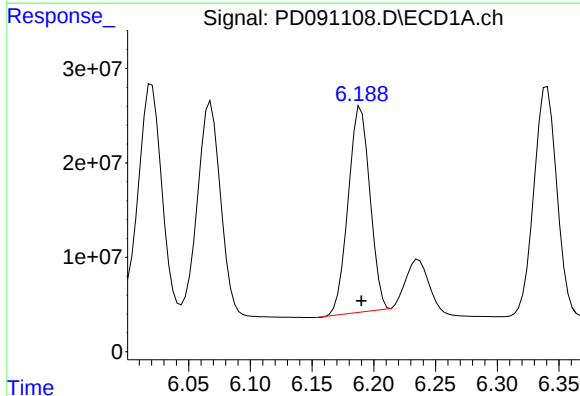
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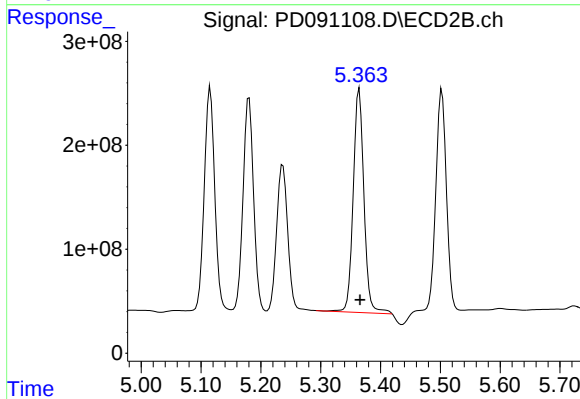
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 2483492402
Conc: 57.57 ng/ml



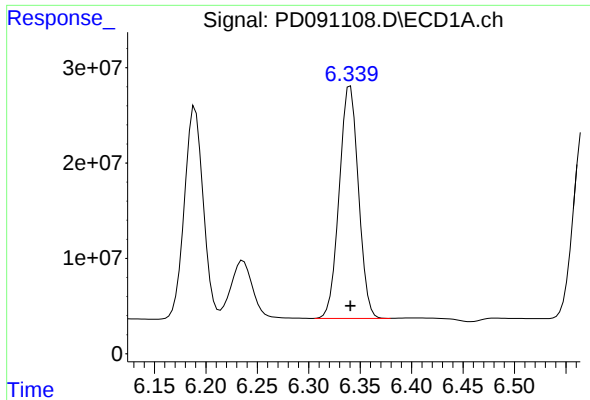
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 266360367
Conc: 50.01 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 2673589247
Conc: 60.99 ng/ml



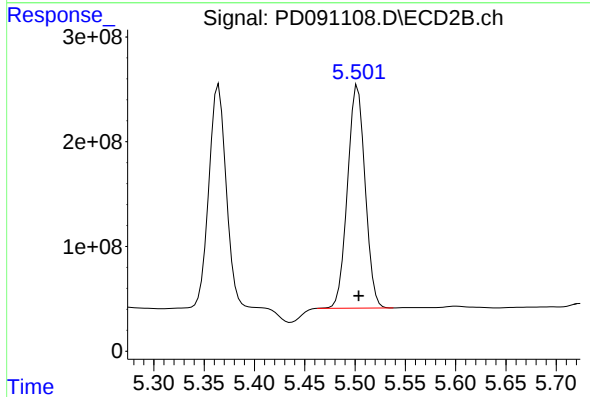
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 316330571
Conc: 54.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170506BS

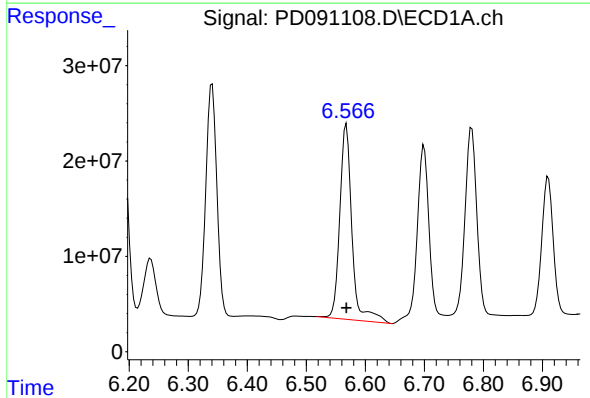
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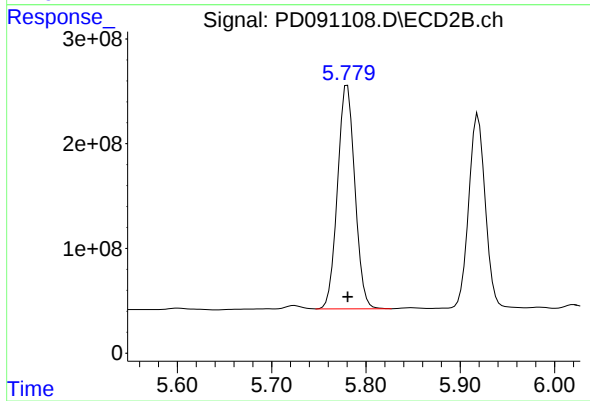
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 2587817910
Conc: 58.57 ng/ml



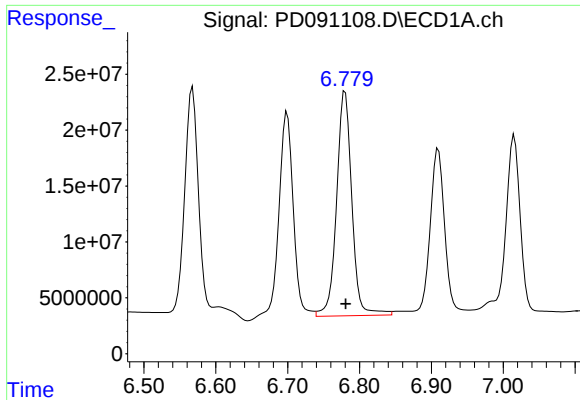
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 292225579
Conc: 58.99 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 2727639418
Conc: 67.36 ng/ml



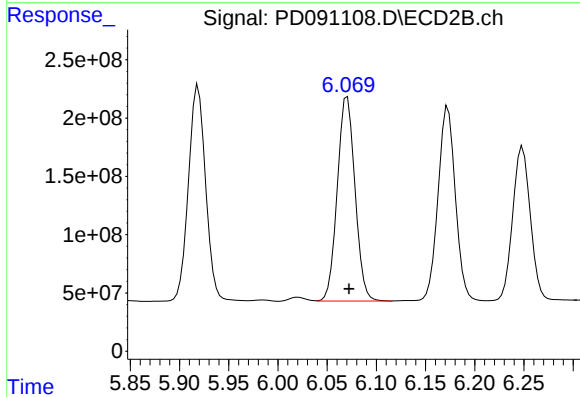
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 296558548
Conc: 59.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170506BS

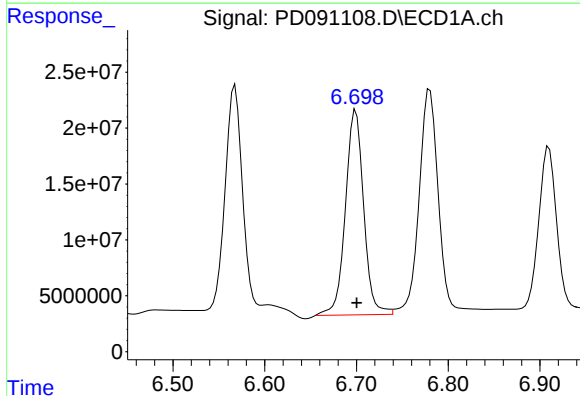
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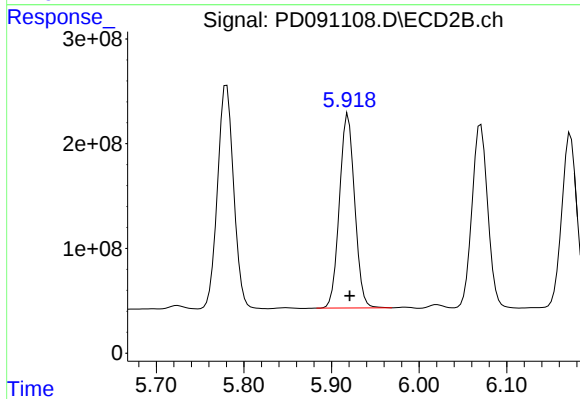
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 2193971890
Conc: 58.42 ng/ml



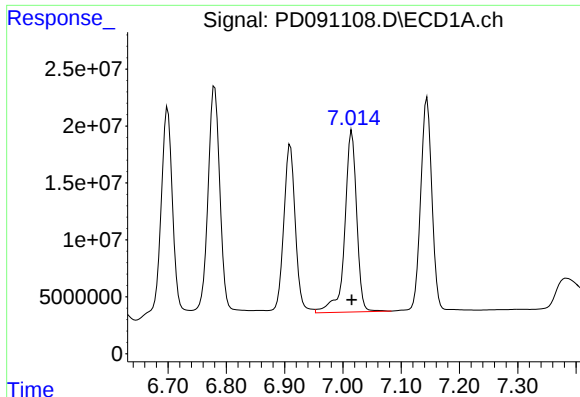
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 253191256
Conc: 62.45 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 2241567737
Conc: 61.52 ng/ml



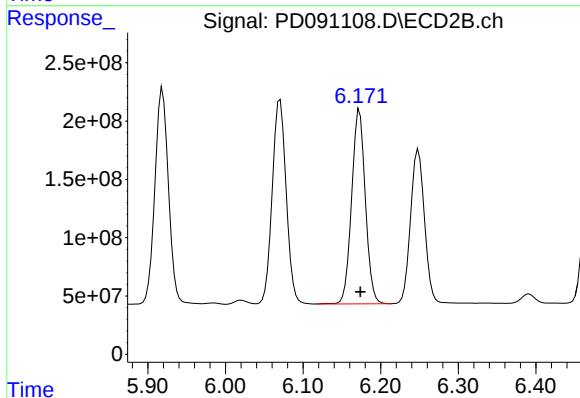
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 227434218
Conc: 55.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170506BS

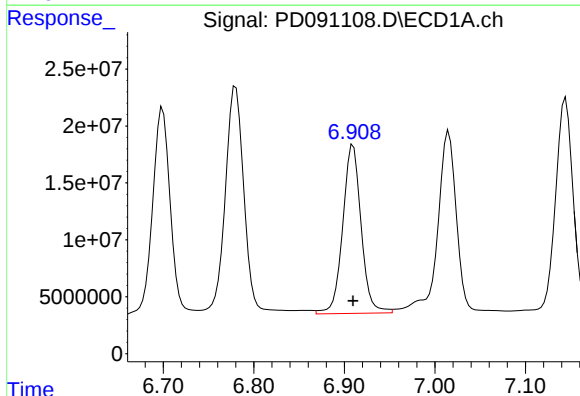
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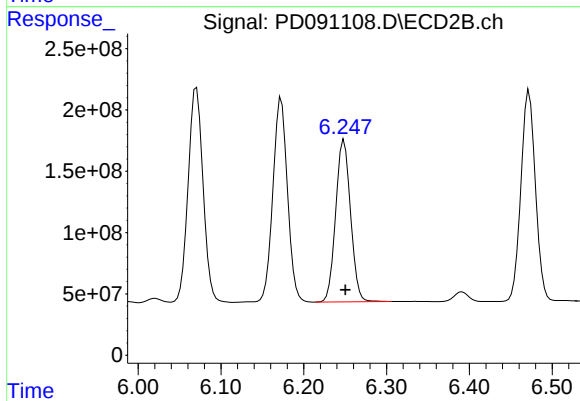
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 2045557009
Conc: 58.32 ng/ml



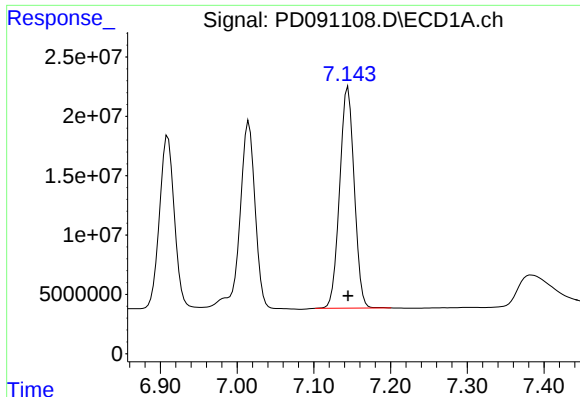
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 209399506
Conc: 57.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.002 min
Response: 1649077918
Conc: 59.55 ng/ml



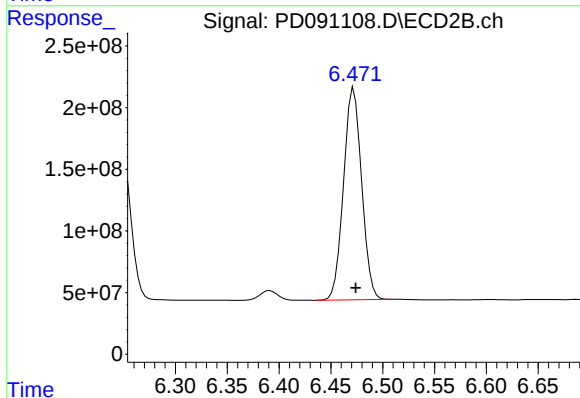
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 246476109
Conc: 53.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170506BS

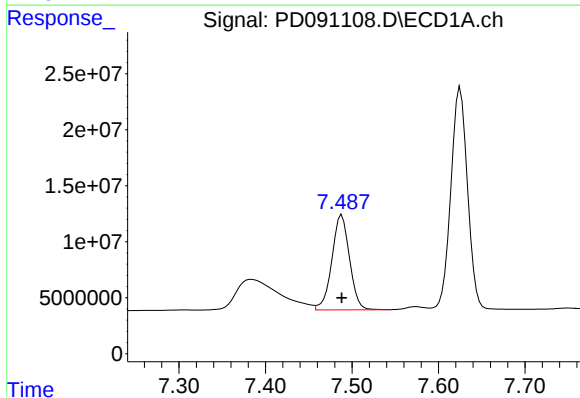
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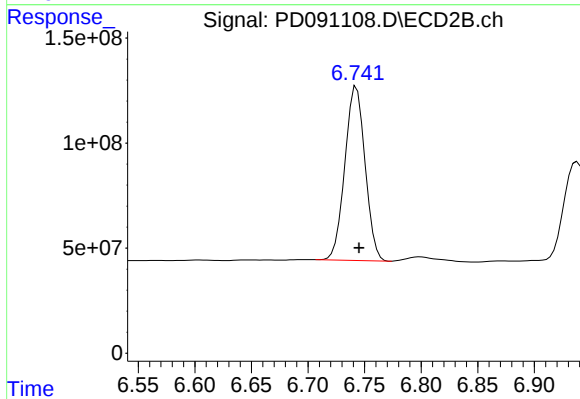
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 2086118460
Conc: 58.20 ng/ml



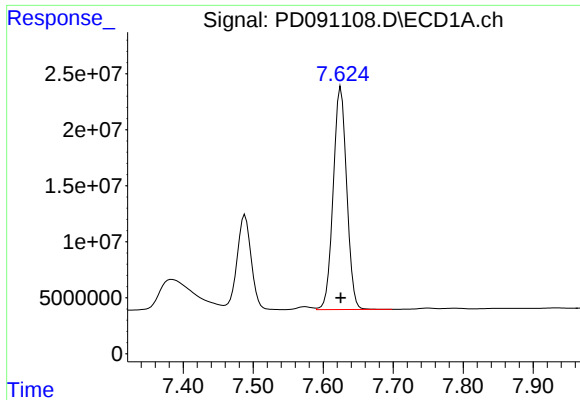
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 119679402
Conc: 56.30 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 1030148258
Conc: 59.11 ng/ml



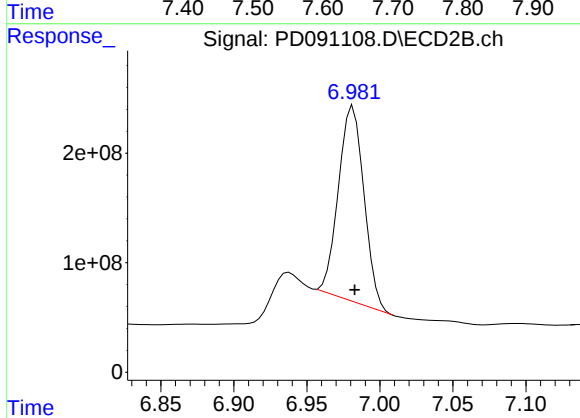
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 266051551
Conc: 54.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170506BS

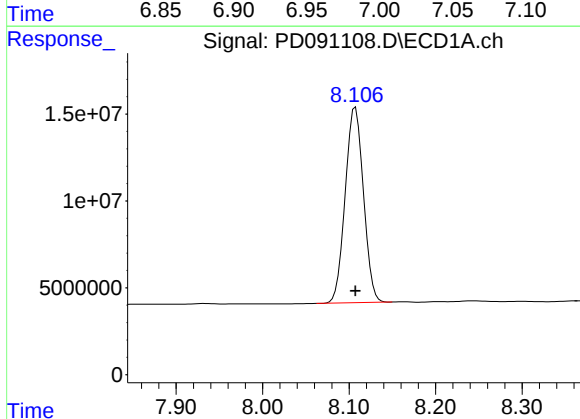
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Sohil Jodhani 11/14/2025



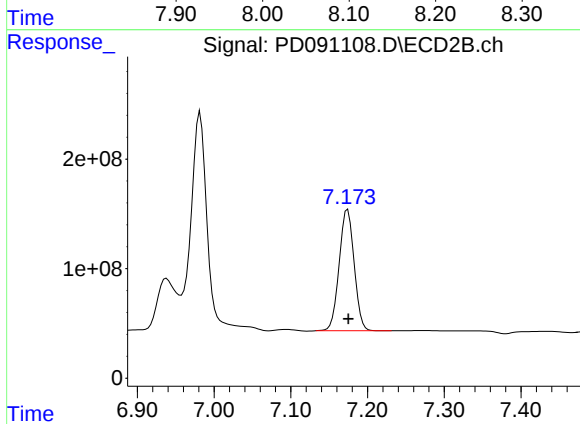
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 2161336846
Conc: 57.30 ng/ml m



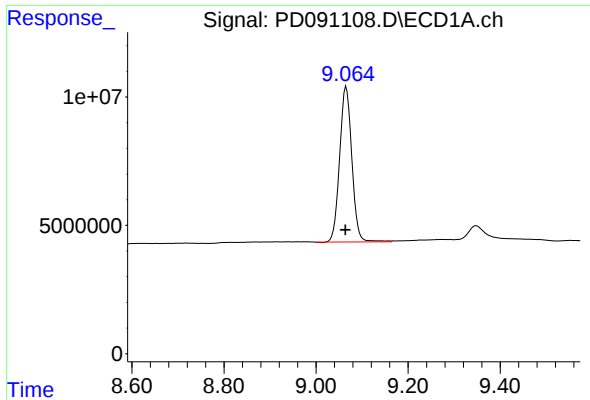
#22 Mirex

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 164280704
Conc: 51.32 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 1505183850
Conc: 58.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 111360129
Conc: 23.81 ng/ml

Instrument :

ECD_D

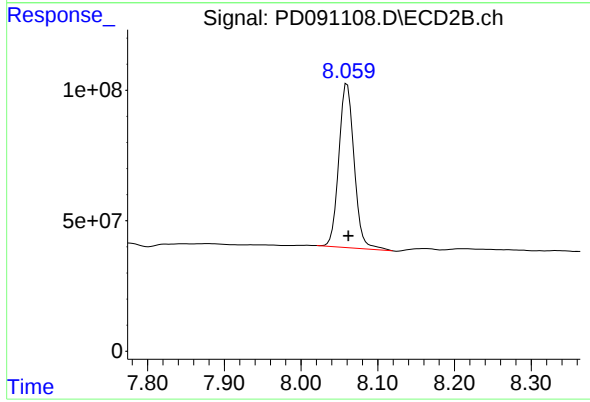
ClientSampleId :

PB170506BS

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#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 873264875
Conc: 28.83 ng/ml