

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
 Data File : PD091087.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2025 10:25
 Operator : AR\AJ
 Sample : PB170485BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170485BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/13/2025
 Supervised By :Yogesh Patel 11/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 10:44:42 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	63979010	712.3E6	20.545	23.922
28)	SA Decachlor...	9.066	8.061	100.0E6	800.9E6	21.382	26.440
Target Compounds							
2)	A alpha-BHC	3.993	3.386	339.3E6	2726.7E6	47.279	53.364
3)	MA gamma-BHC...	4.324	3.722	318.5E6	2511.2E6	46.848	53.148
4)	MA Heptachlor	4.922	4.074	317.5E6	2443.0E6	56.798	54.773
5)	MB Aldrin	5.264	4.359	309.7E6	2454.0E6	47.295	52.980
6)	B beta-BHC	4.512	4.018	119.9E6	1036.2E6	45.761	52.257
7)	B delta-BHC	4.760	4.254	321.8E6	2524.4E6	47.588	52.904
8)	B Heptachlo...	5.684	4.862	281.5E6	2219.3E6	48.632	52.049
9)	A Endosulfan I	6.068	5.237	264.0E6	2078.9E6	47.677	52.777
10)	B gamma-Chl...	5.939	5.115	278.0E6	2386.9E6	46.870	53.102
11)	B alpha-Chl...	6.020	5.180	296.8E6	2284.4E6	48.031	52.956
12)	B 4,4'-DDE	6.189	5.365	248.5E6	2342.3E6	46.656	53.431
13)	MA Dieldrin	6.340	5.503	279.8E6	2382.0E6	47.984	53.912
14)	MA Endrin	6.568	5.779	217.4E6	2029.8E6	43.889	50.127
15)	B Endosulfa...	6.781	6.071	239.6E6	2047.8E6	47.917	54.527
16)	A 4,4'-DDD	6.700	5.919	207.8E6	2076.9E6	51.262	56.999
17)	MA 4,4'-DDT	7.016	6.172	194.7E6	1881.4E6	47.379	53.642
18)	B Endrin al...	6.910	6.248	180.7E6	1554.4E6	49.338	56.129
19)	B Endosulfa...	7.144	6.472	220.4E6	1963.3E6	47.511	54.772
20)	A Methoxychlor	7.488	6.743	102.0E6	940.0E6	47.984	53.936
21)	B Endrin ke...	7.625	6.980	243.2E6	2322.0E6	50.045	61.562m
22)	Mirex	8.107	7.174	147.9E6	1393.4E6	46.221	54.238

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 10:25
Operator : AR\AJ
Sample : PB170485BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

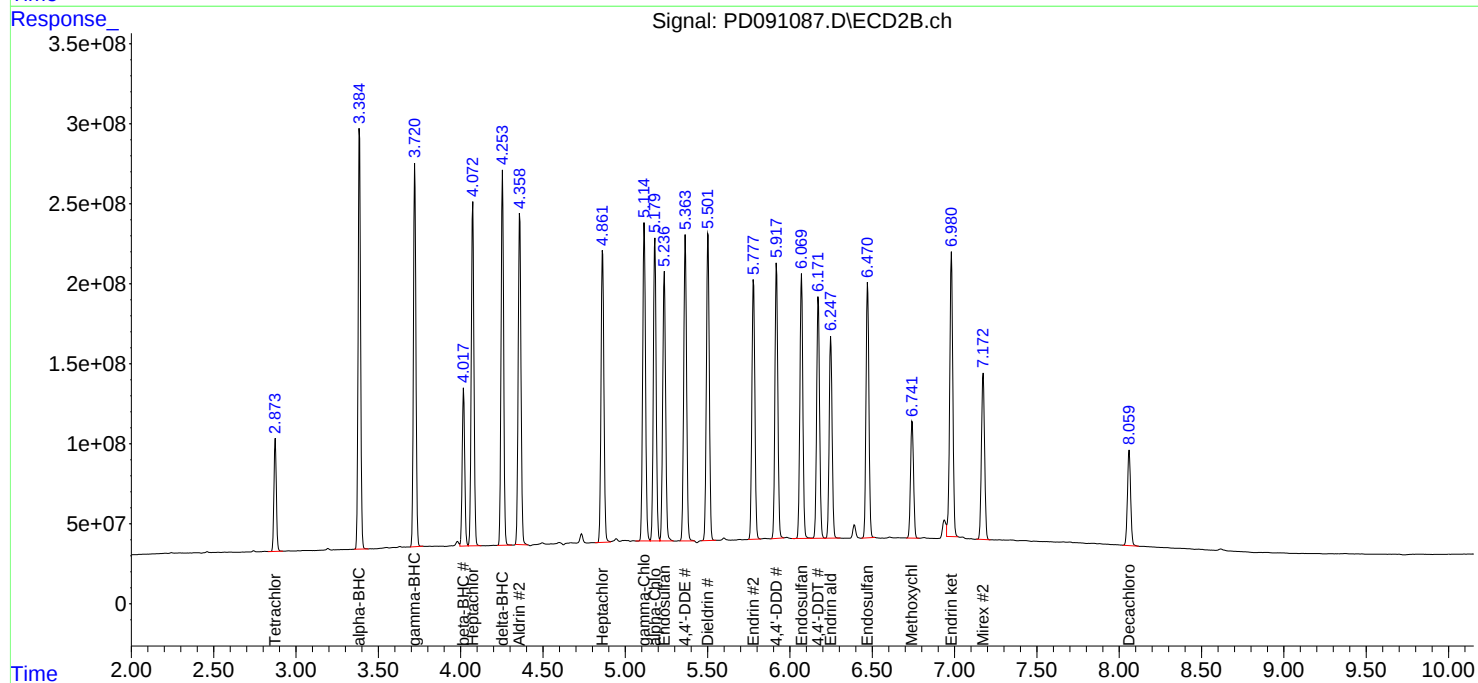
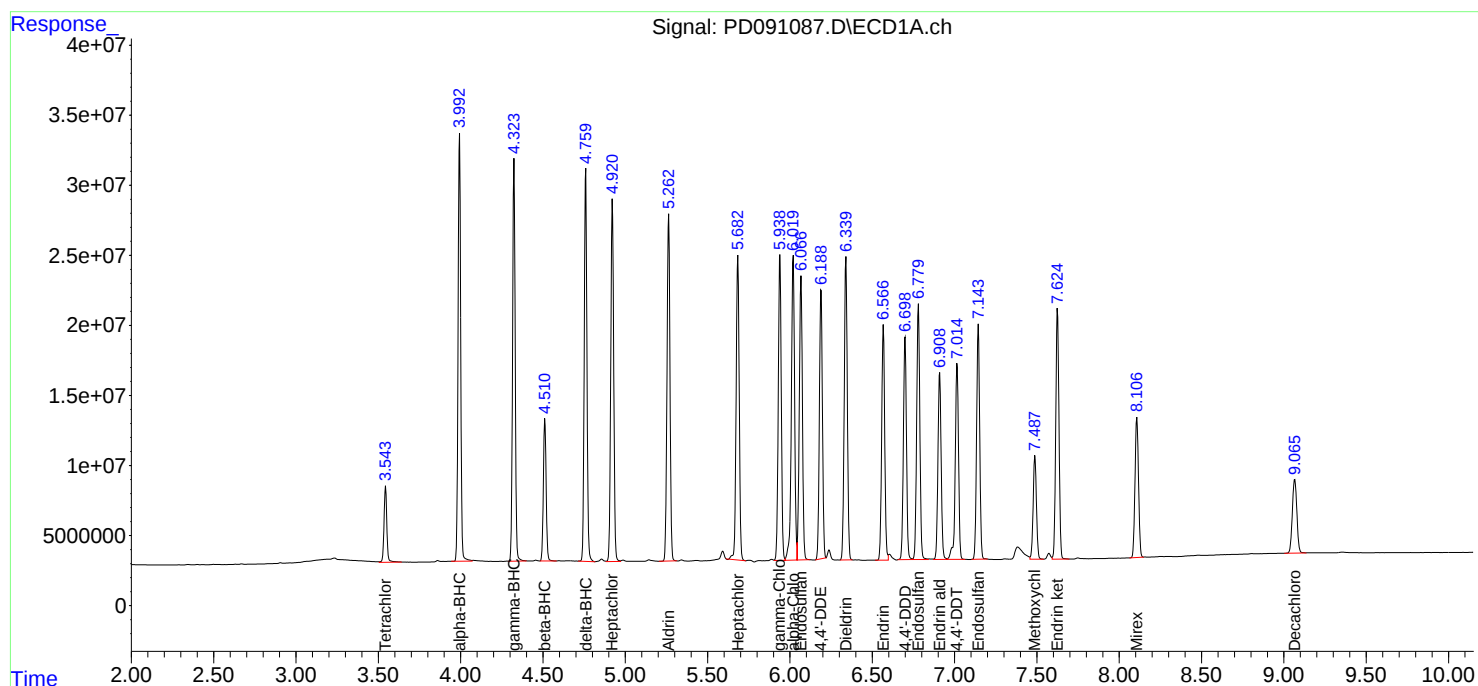
Instrument :
ECD_D
ClientSampleId :
PB170485BS

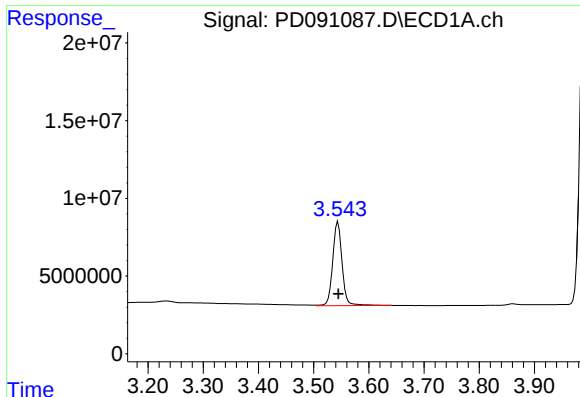
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 10:44:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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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.: 0.000 min
Response: 63979010
Conc: 20.54 ng/ml

Instrument :

ECD_D

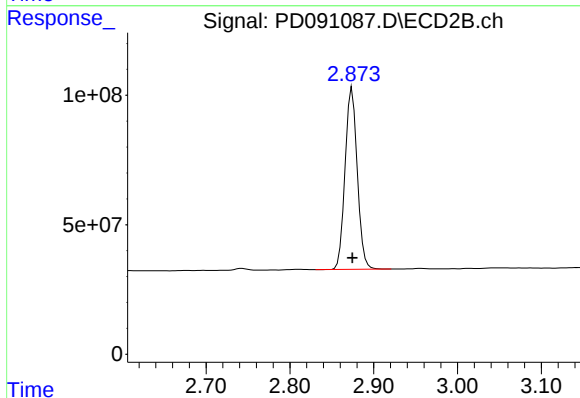
ClientSampleId :

PB170485BS

Manual Integrations

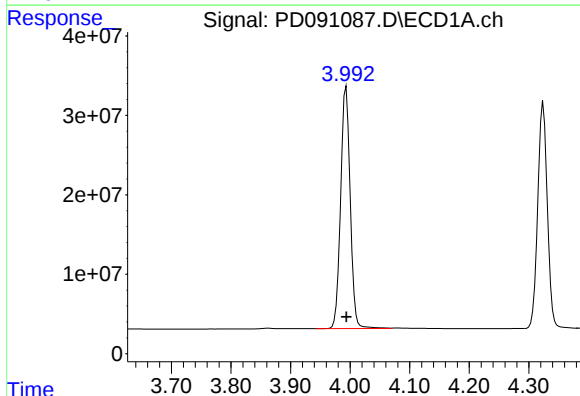
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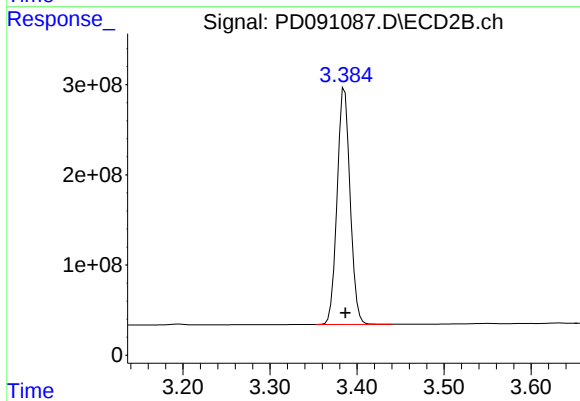
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 712331973
Conc: 23.92 ng/ml



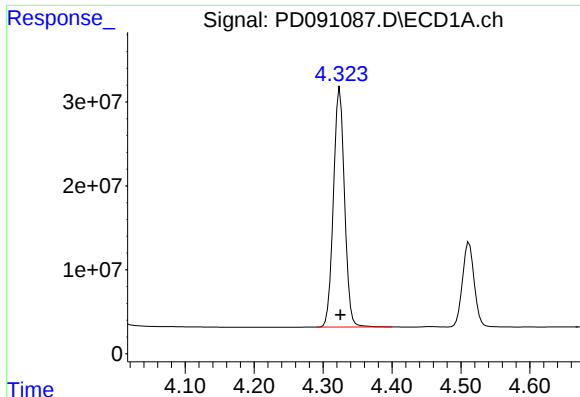
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 339329187
Conc: 47.28 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2726660364
Conc: 53.36 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 318513511
Conc: 46.85 ng/ml

Instrument :

ECD_D

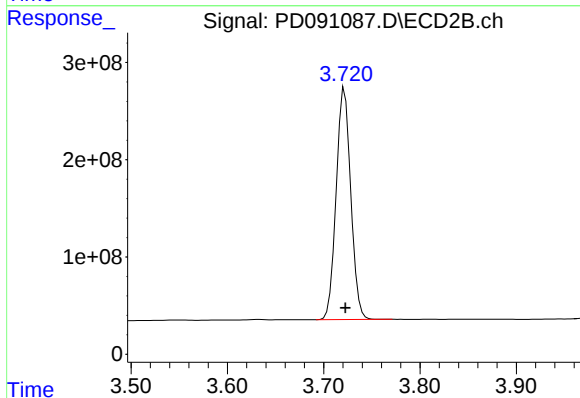
ClientSampleId :

PB170485BS

Manual Integrations

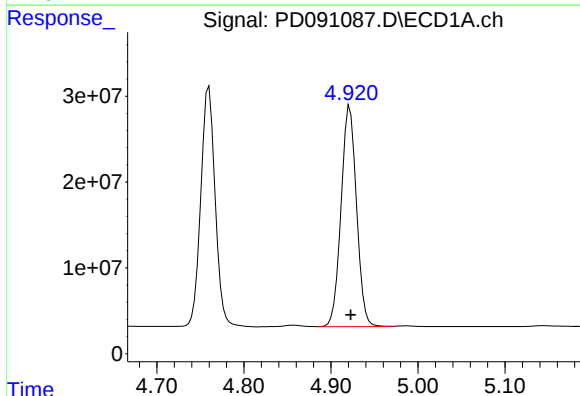
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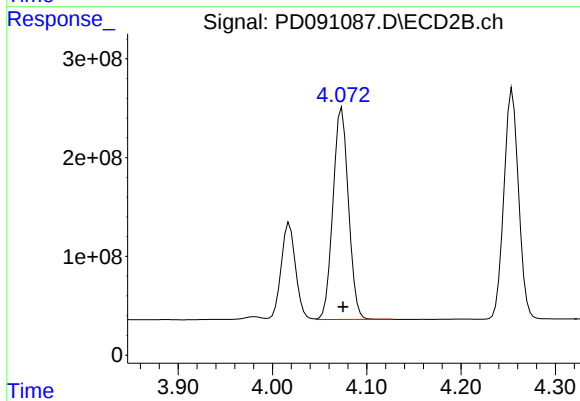
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2511169915
Conc: 53.15 ng/ml



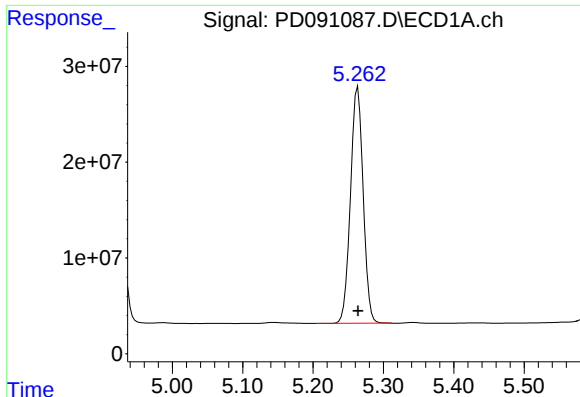
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 317473877
Conc: 56.80 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.001 min
Response: 2443042894
Conc: 54.77 ng/ml



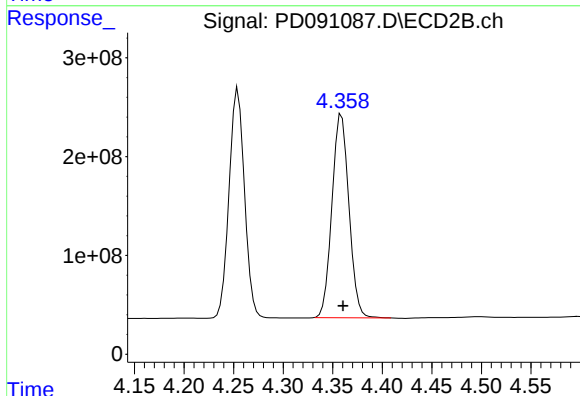
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 309654993
Conc: 47.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BS

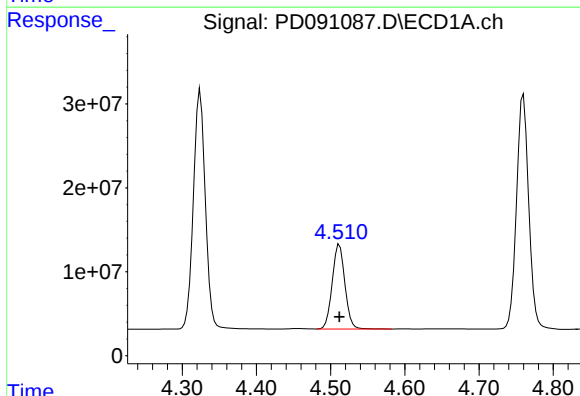
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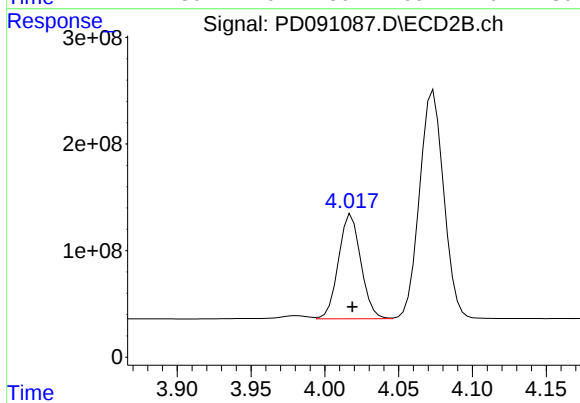
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2453955793
Conc: 52.98 ng/ml



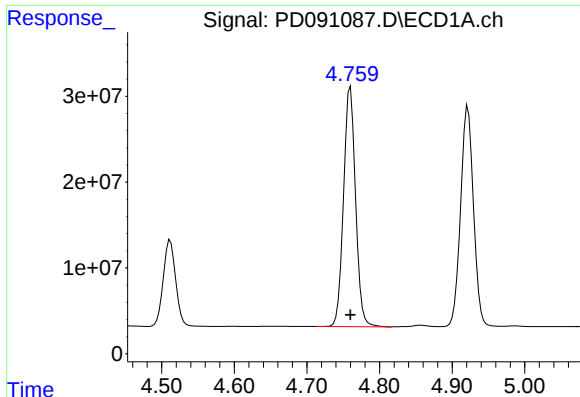
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 119876040
Conc: 45.76 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 1036224847
Conc: 52.26 ng/ml



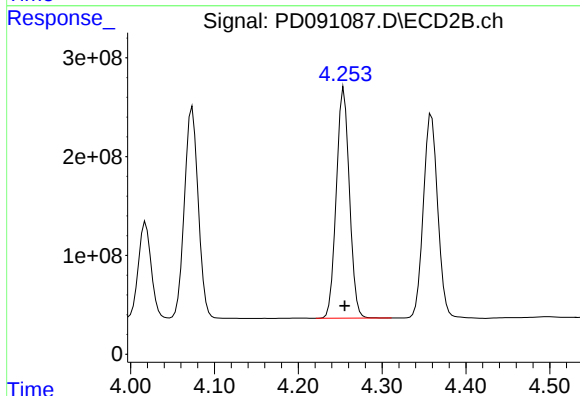
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 321777114
Conc: 47.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BS

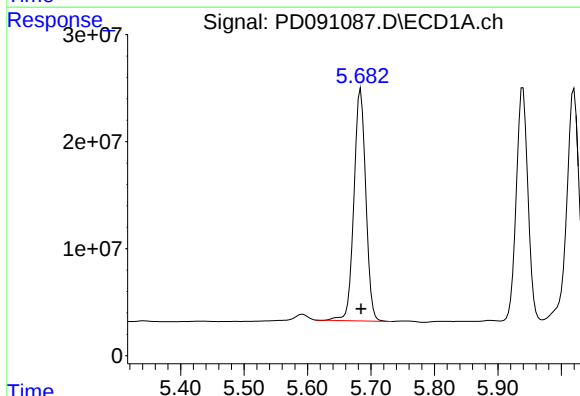
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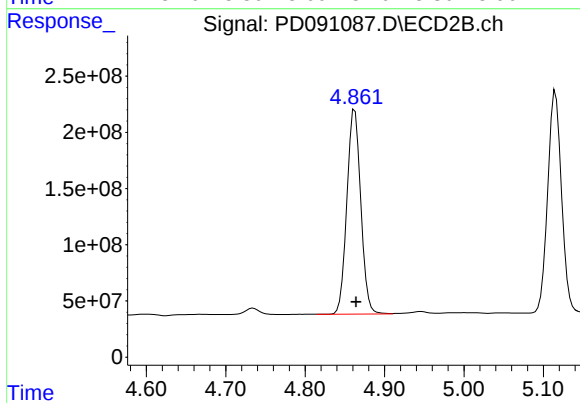
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 2524404196
Conc: 52.90 ng/ml



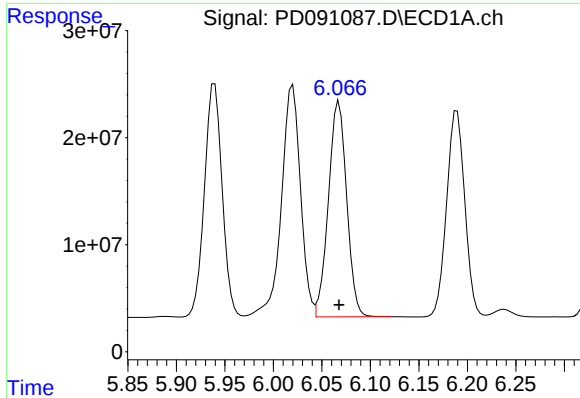
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 281534182
Conc: 48.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2219307468
Conc: 52.05 ng/ml



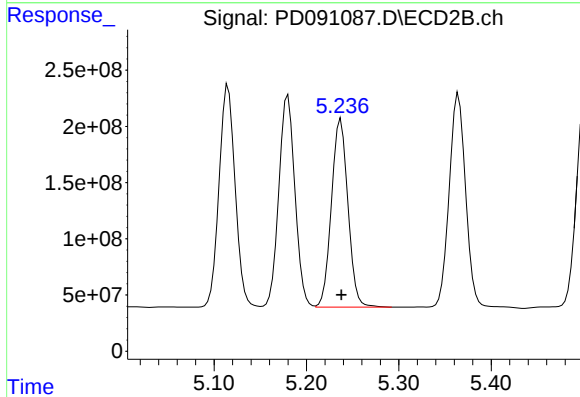
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 263973322
Conc: 47.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BS

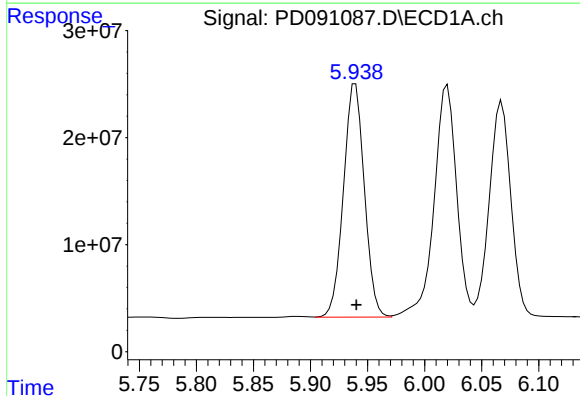
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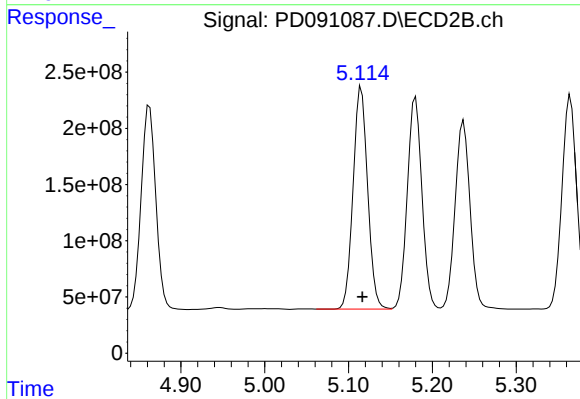
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 2078899824
Conc: 52.78 ng/ml



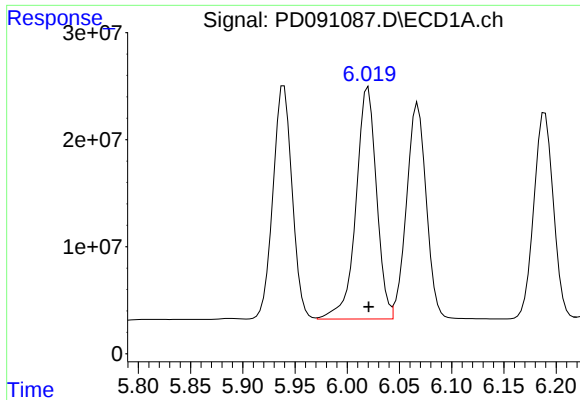
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 277995724
Conc: 46.87 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2386858063
Conc: 53.10 ng/ml



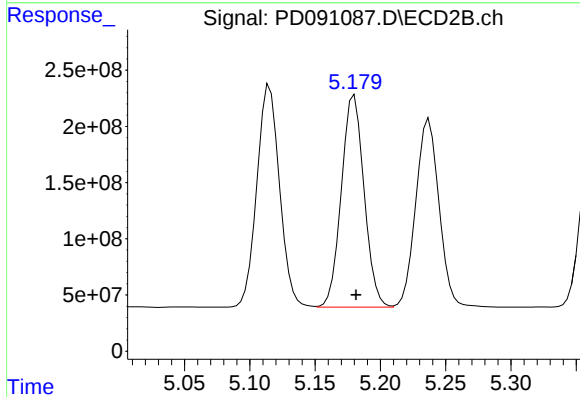
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 296841251
Conc: 48.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BS

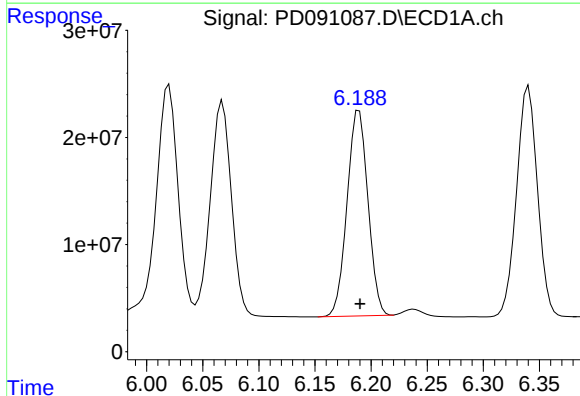
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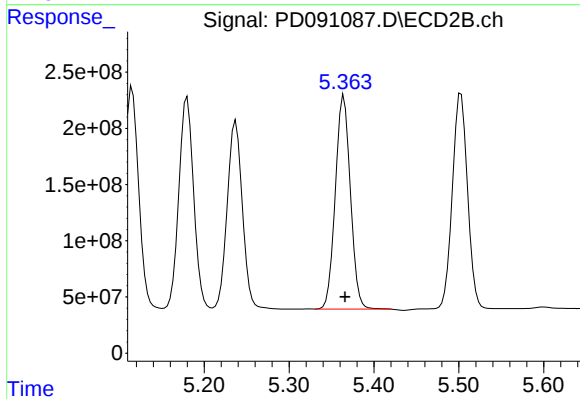
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 2284381220
Conc: 52.96 ng/ml



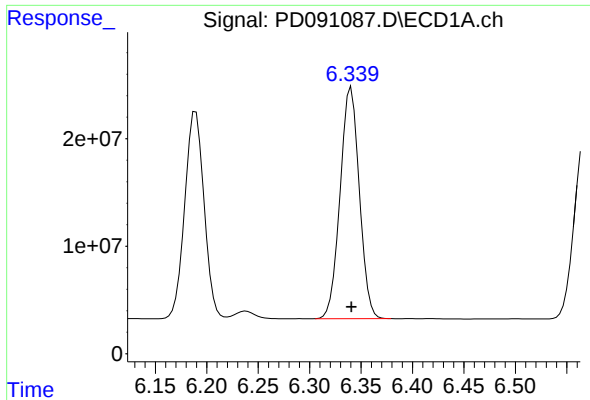
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 248521092
Conc: 46.66 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 2342313036
Conc: 53.43 ng/ml



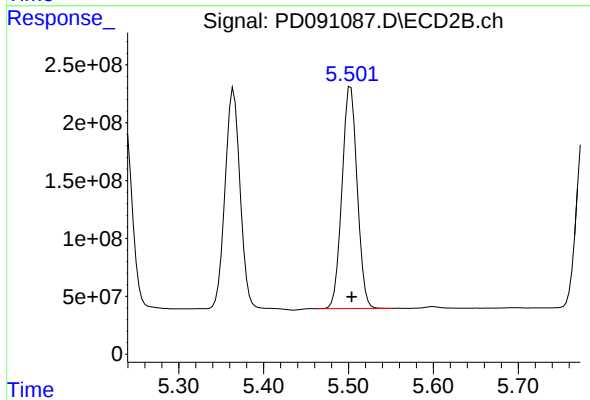
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 279810376
Conc: 47.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BS

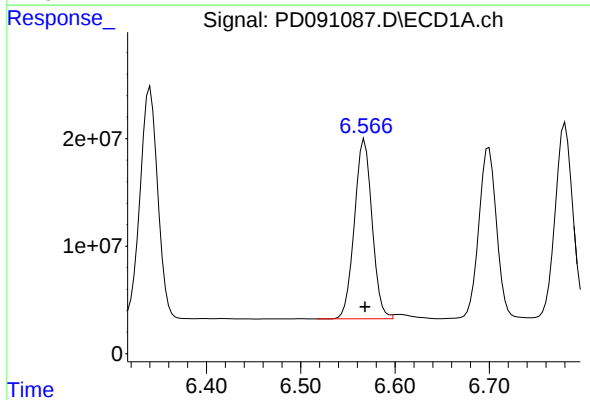
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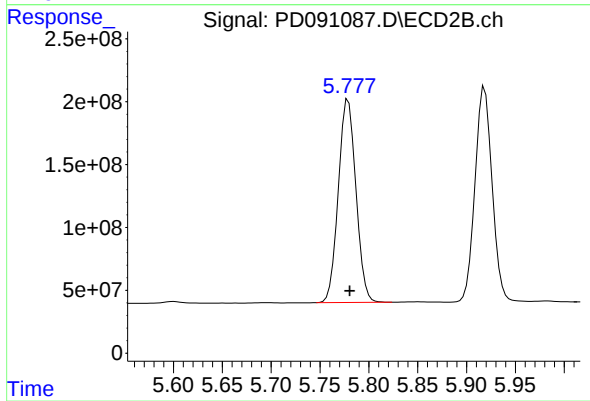
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 2382045690
Conc: 53.91 ng/ml



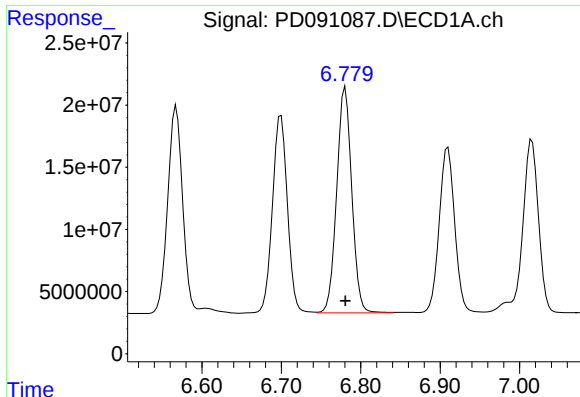
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 217413868
Conc: 43.89 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 2029846124
Conc: 50.13 ng/ml



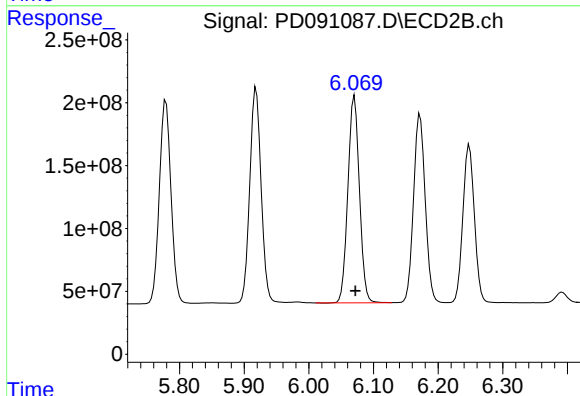
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 239583503
Conc: 47.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BS

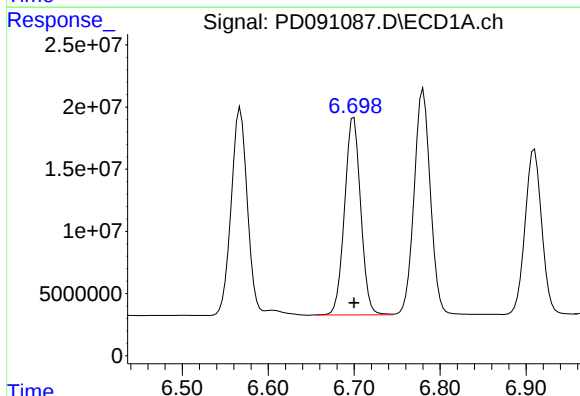
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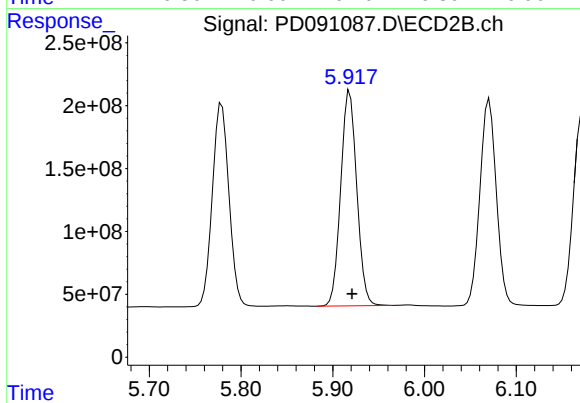
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 2047779578
Conc: 54.53 ng/ml



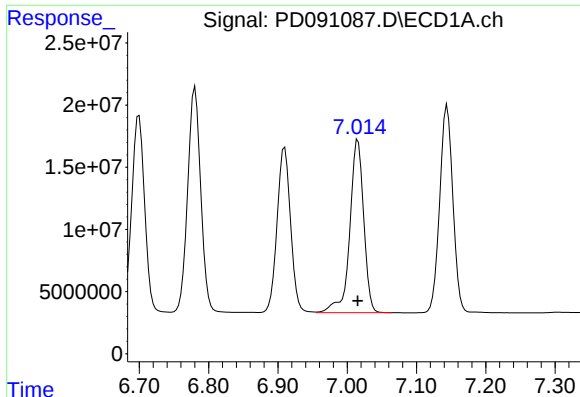
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 207826774
Conc: 51.26 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 2076921303
Conc: 57.00 ng/ml



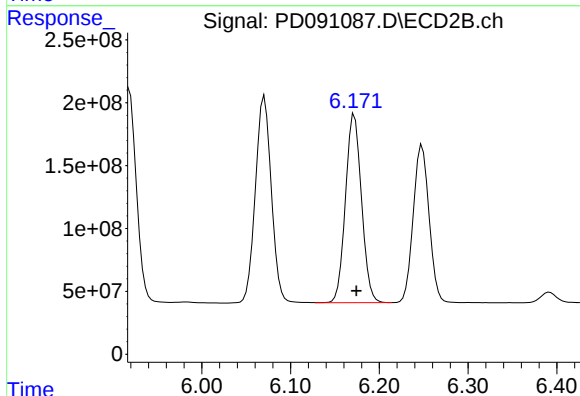
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 194749604
Conc: 47.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BS

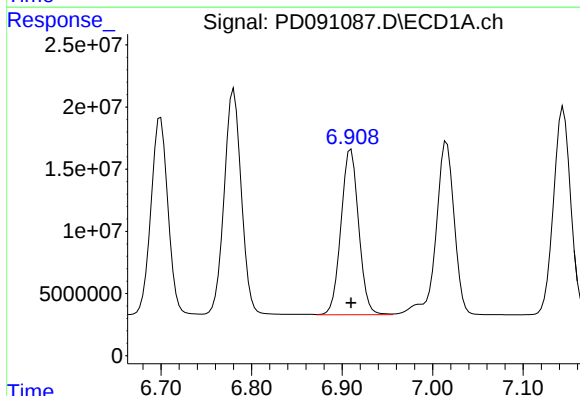
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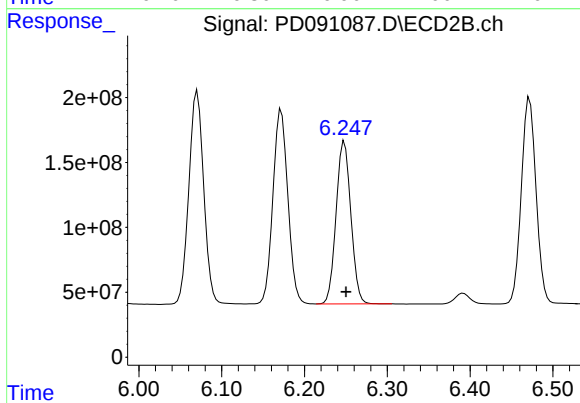
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1881388554
Conc: 53.64 ng/ml



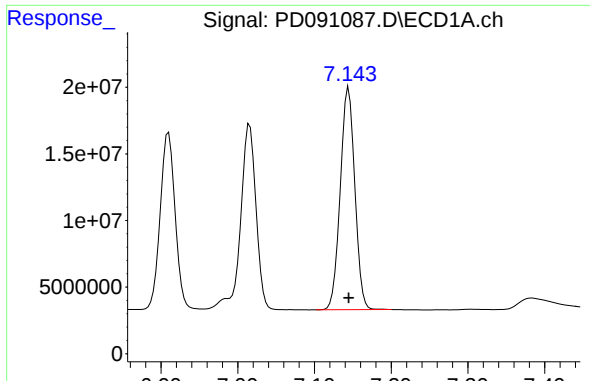
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 180708479
Conc: 49.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1554358494
Conc: 56.13 ng/ml



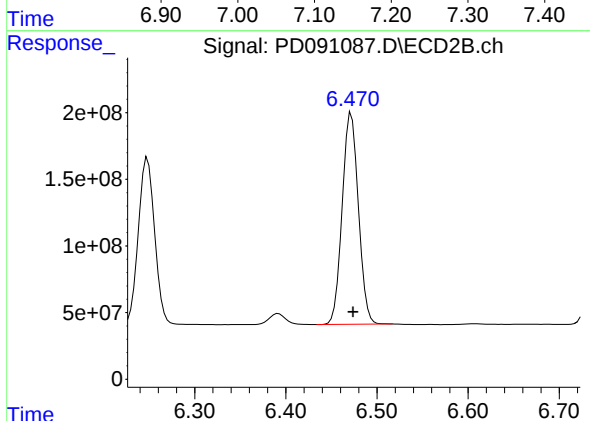
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 220367140
Conc: 47.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BS

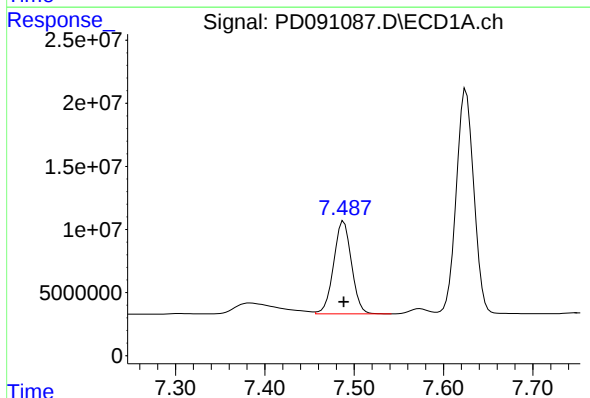
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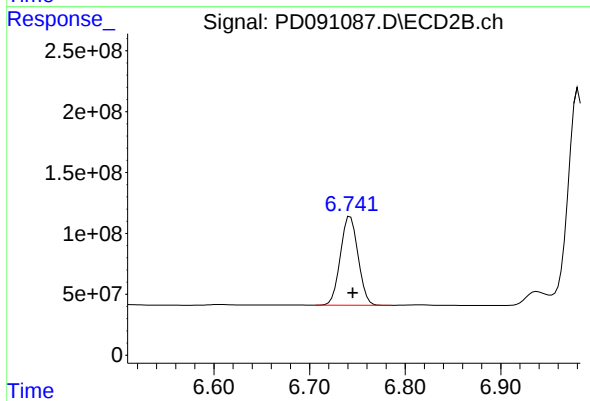
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1963295270
Conc: 54.77 ng/ml



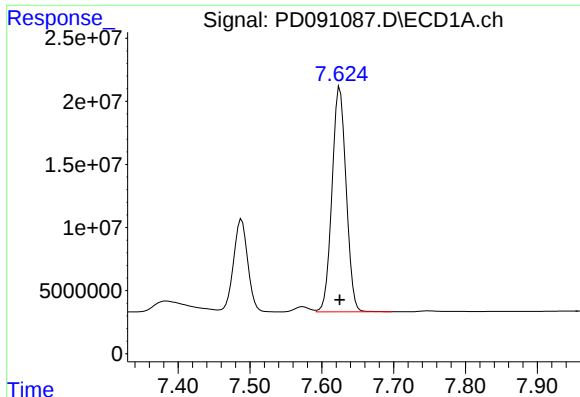
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 101994302
Conc: 47.98 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 939982074
Conc: 53.94 ng/ml



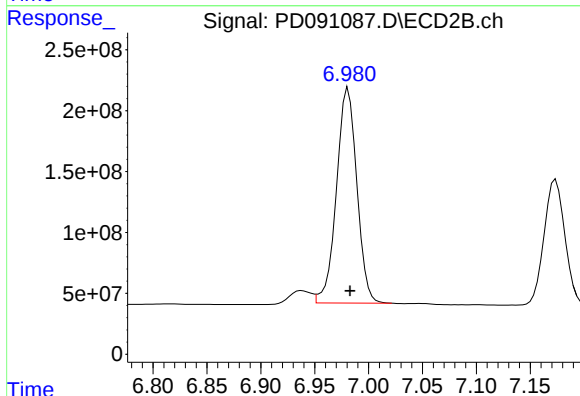
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 243163207
Conc: 50.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BS

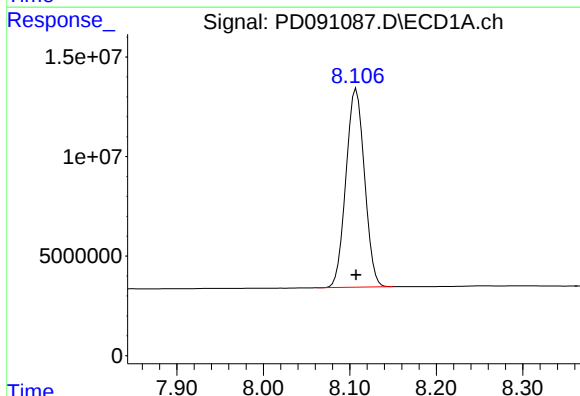
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/13/2025
Supervised By :Yogesh Patel 11/13/2025



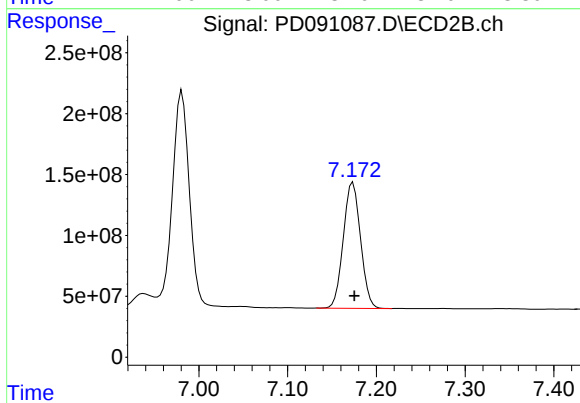
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 2321979445
Conc: 61.56 ng/ml m



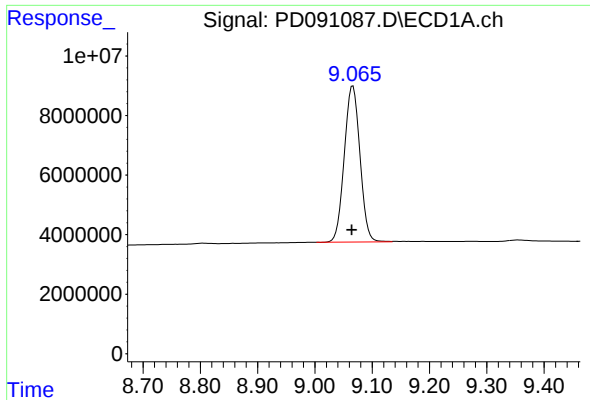
#22 Mirex

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 147947176
Conc: 46.22 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 1393427831
Conc: 54.24 ng/ml



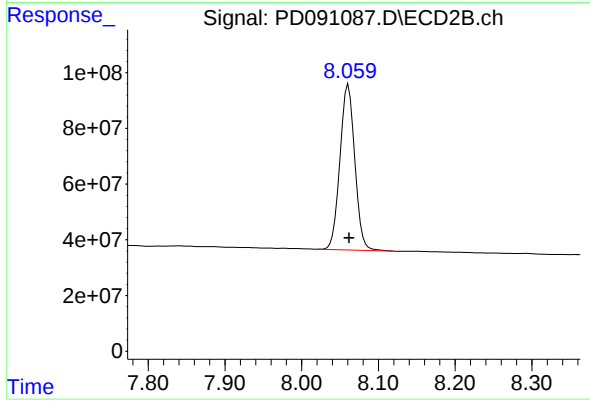
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 100023883
Conc: 21.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170485BS

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 11/13/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 800914535
Conc: 26.44 ng/ml