

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
 Data File : PD091110.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2025 15:39
 Operator : AR\AJ
 Sample : Q3597-01MS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-1MS

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 21:25:35 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...	3.543	2.874	58243047	632.3E6	18.703m	21.235
28)	SA Decachlor...	9.067	8.060	88473582	672.0E6	18.913	22.185
Target Compounds							
2)	A alpha-BHC	3.994	3.385	332.9E6	2561.0E6	46.382	50.122
3)	MA gamma-BHC...	4.324	3.722	312.6E6	2337.4E6	45.976	49.470
4)	MA Heptachlor	4.922	4.074	309.5E6	2291.5E6	55.379	51.377
5)	MB Aldrin	5.264	4.359	303.3E6	2275.3E6	46.327	49.123
6)	B beta-BHC	4.512	4.018	125.1E6	977.7E6	47.748	49.306
7)	B delta-BHC	4.760	4.254	317.1E6	2370.8E6	46.889	49.686
8)	B Heptachlo...	5.684	4.862	267.2E6	2116.4E6	46.153	49.634
9)	A Endosulfan I	6.068	5.237	254.2E6	1966.7E6	45.917	49.929
10)	B gamma-Chl...	5.940	5.115	267.1E6	2221.7E6	45.031	49.427
11)	B alpha-Chl...	6.021	5.180	271.9E6	2142.9E6	44.002	49.675
12)	B 4,4'-DDE	6.190	5.364	242.6E6	2187.8E6	45.547	49.907
13)	MA Dieldrin	6.341	5.502	270.7E6	2216.9E6	46.423	50.174
14)	MA Endrin	6.568	5.779	219.9E6	1977.9E6	44.398	48.844
15)	B Endosulfa...	6.781	6.071	223.9E6	1912.4E6	44.784	50.923
16)	A 4,4'-DDD	6.700	5.919	198.0E6	1836.6E6	48.829	50.404
17)	MA 4,4'-DDT	7.016	6.173	187.4E6	1766.5E6	45.595	50.365
18)	B Endrin al...	6.911	6.249	166.8E6	1409.3E6	45.543	50.892
19)	B Endosulfa...	7.145	6.473	207.9E6	1824.9E6	44.817	50.910
20)	A Methoxychlor	7.489	6.743	96766971	895.1E6	45.525	51.362
21)	B Endrin ke...	7.626	6.982	228.2E6	2035.1E6	46.970	53.956
22)	Mirex	8.108	7.174	139.1E6	1298.5E6	43.455	50.543

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111225\
Data File : PD091110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2025 15:39
Operator : AR\AJ
Sample : Q3597-01MS
Misc :
ALS Vial : 44 Sample Multiplier: 1

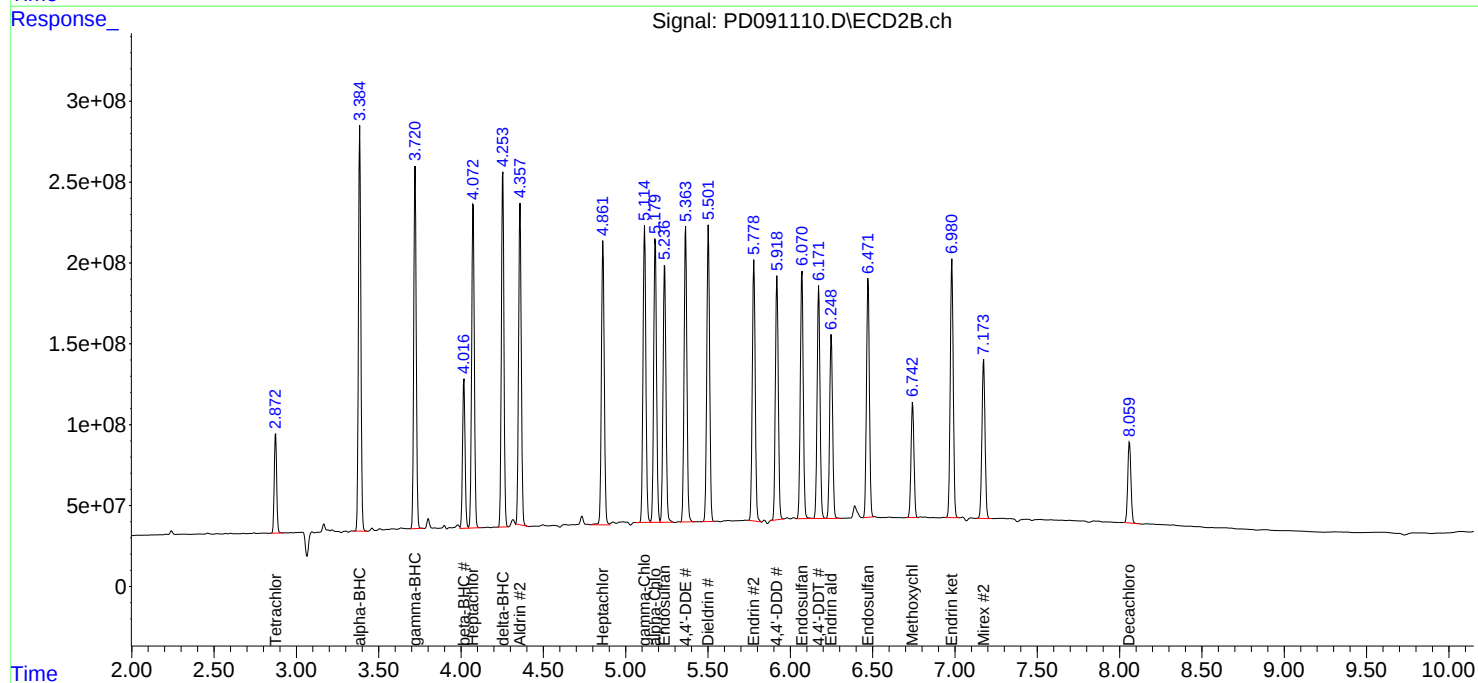
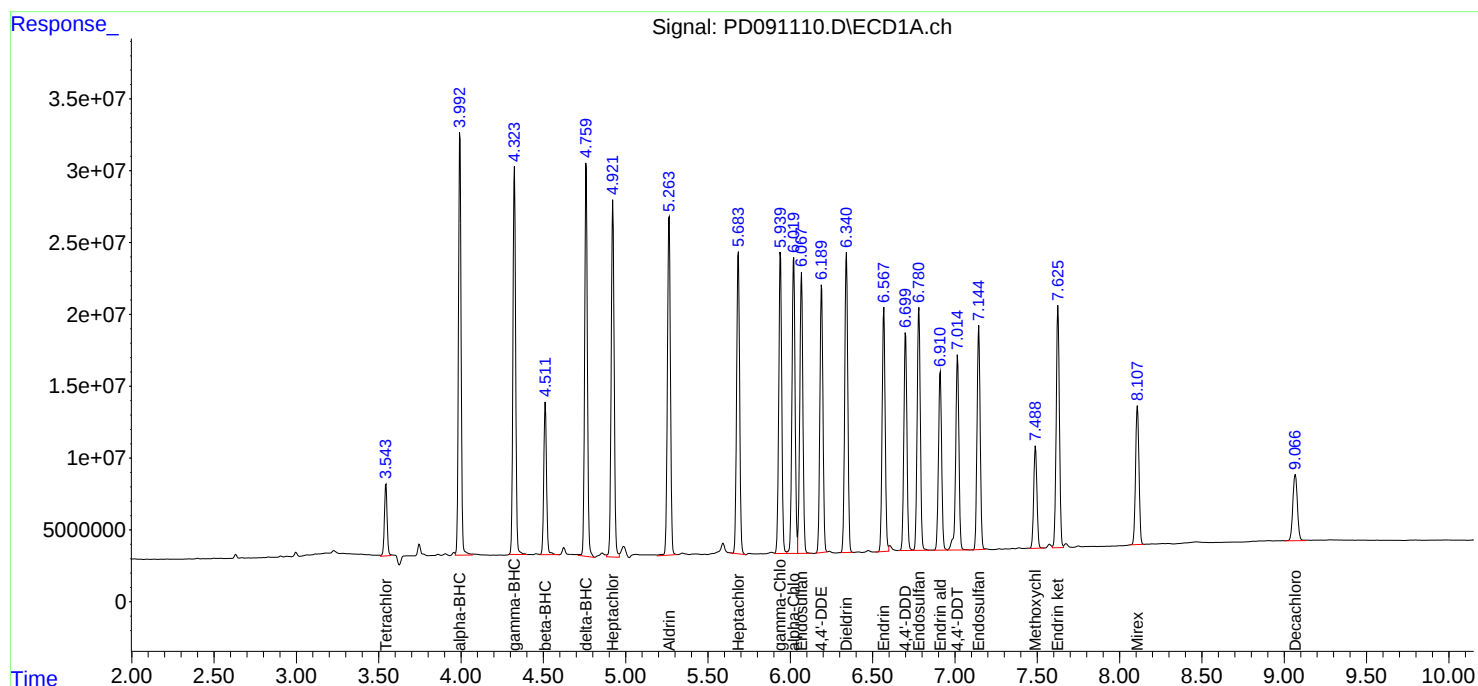
Instrument :
ECD_D
ClientSampleId :
TP-1MS

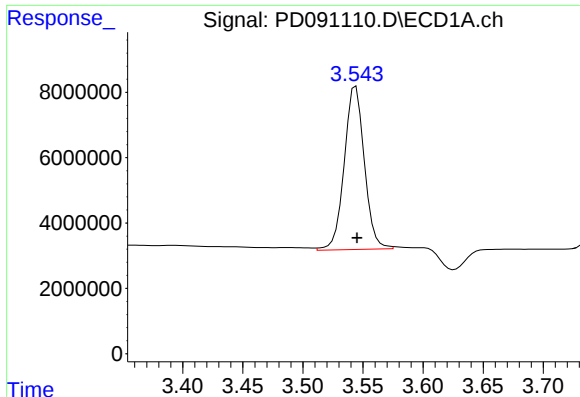
Manual Integrations
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Supervised By :Sohil Jodhani 11/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 21:25:35 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





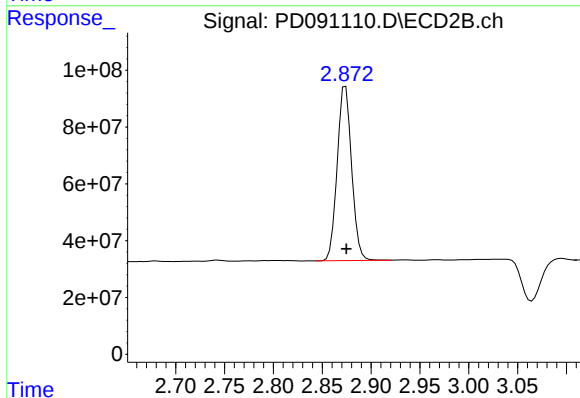
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 58243047
Conc: 18.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

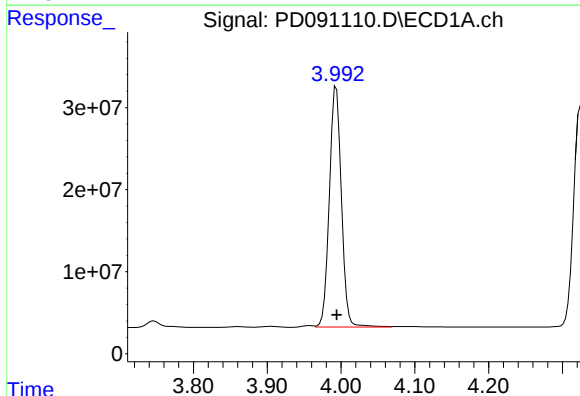
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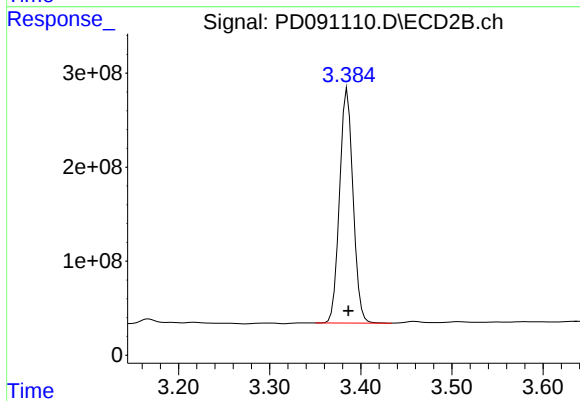
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 632316110
Conc: 21.23 ng/ml



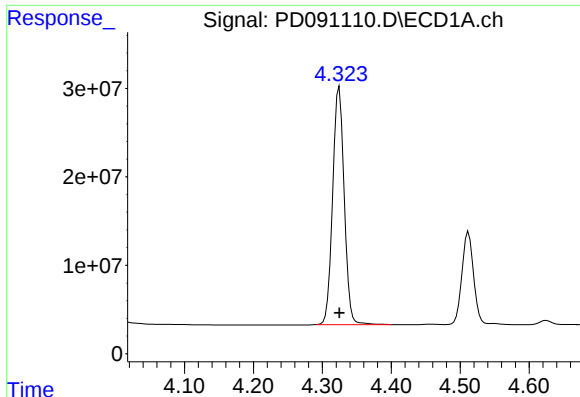
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 332892372
Conc: 46.38 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2561027260
Conc: 50.12 ng/ml



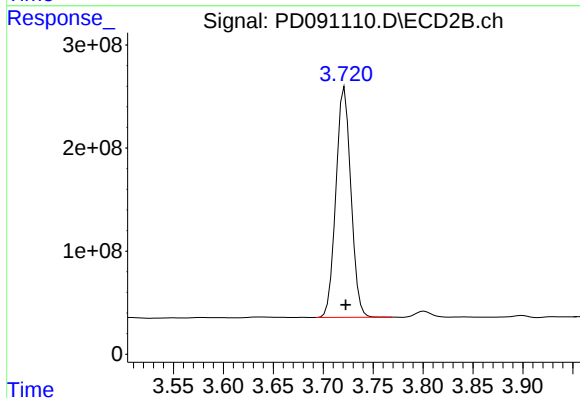
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 312585881
Conc: 45.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

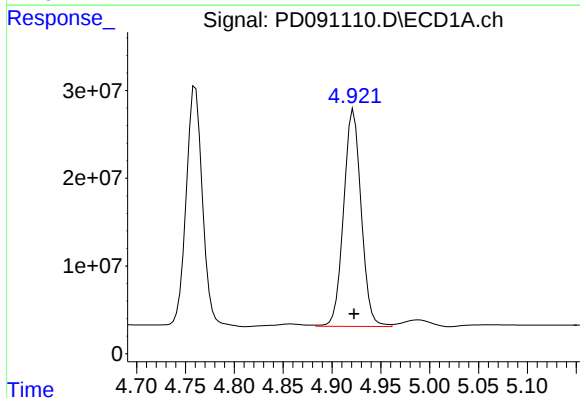
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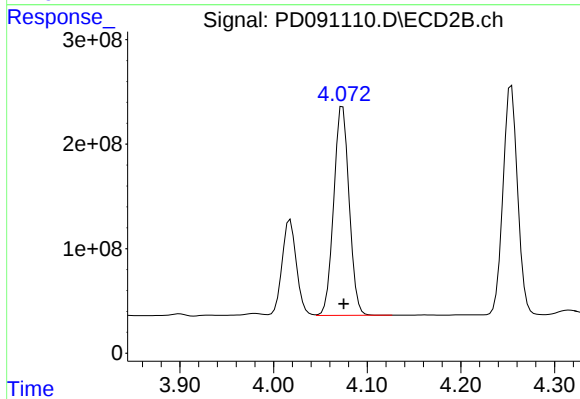
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.001 min
Response: 2337383251
Conc: 49.47 ng/ml



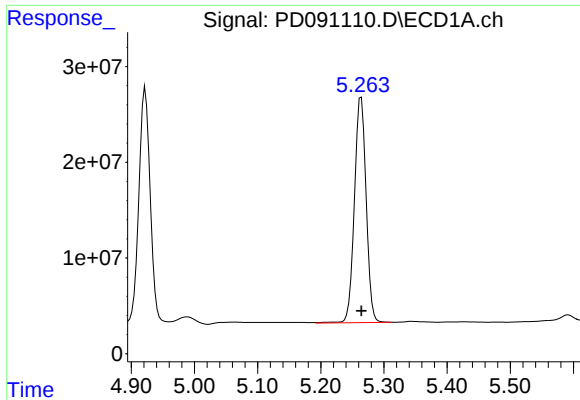
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 309542181
Conc: 55.38 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.001 min
Response: 2291548842
Conc: 51.38 ng/ml



#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 303317317
Conc: 46.33 ng/ml

Instrument :

ECD_D

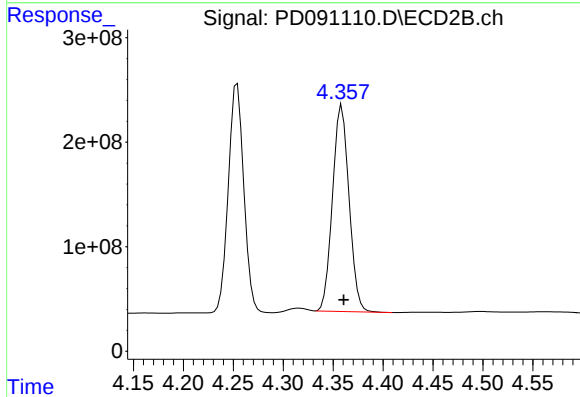
ClientSampleId :

TP-1MS

Manual Integrations

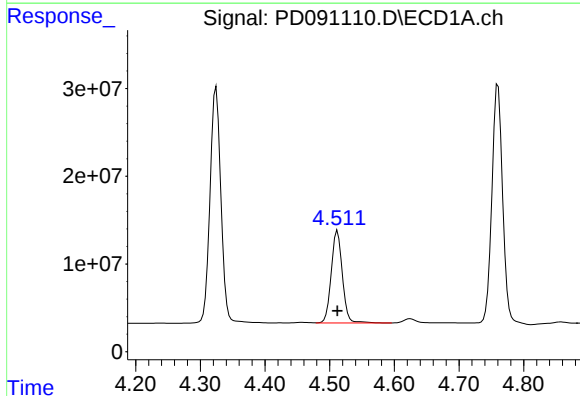
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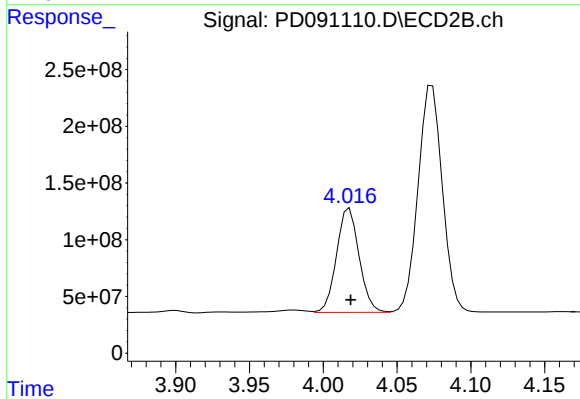
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2275304848
Conc: 49.12 ng/ml



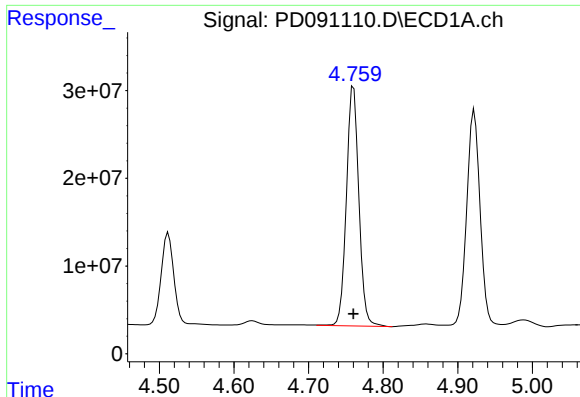
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 125082151
Conc: 47.75 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 977718938
Conc: 49.31 ng/ml



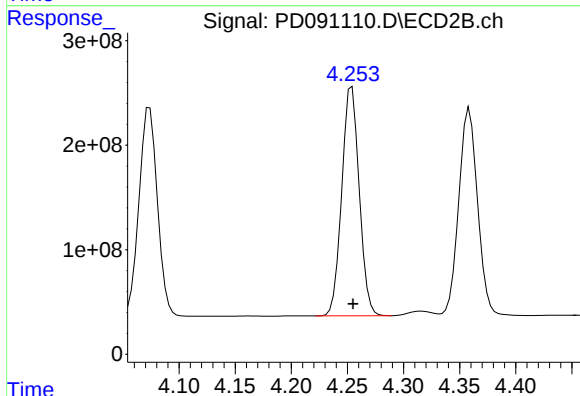
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 317052059
Conc: 46.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

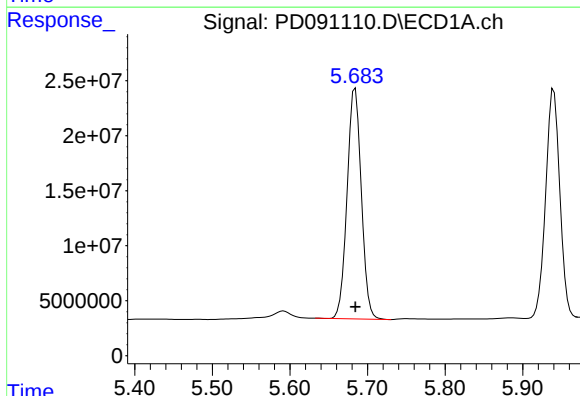
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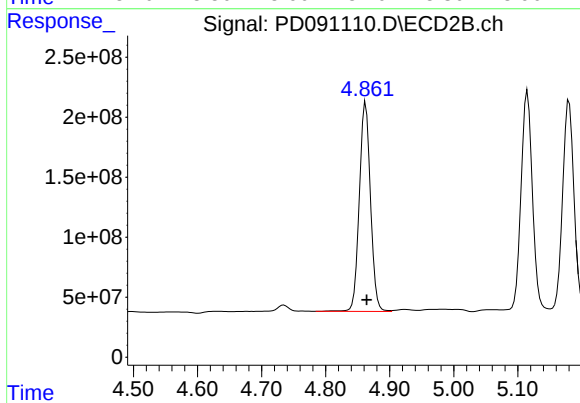
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2370845256
Conc: 49.69 ng/ml



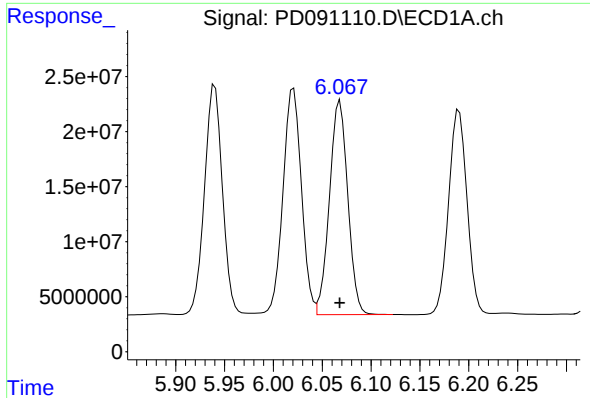
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 267184152
Conc: 46.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2116353802
Conc: 49.63 ng/ml



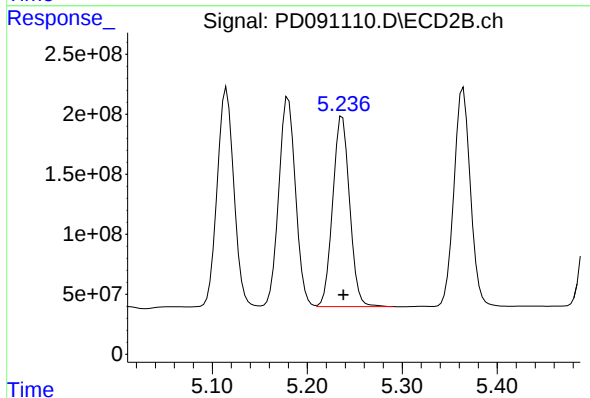
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 254225263
Conc: 45.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

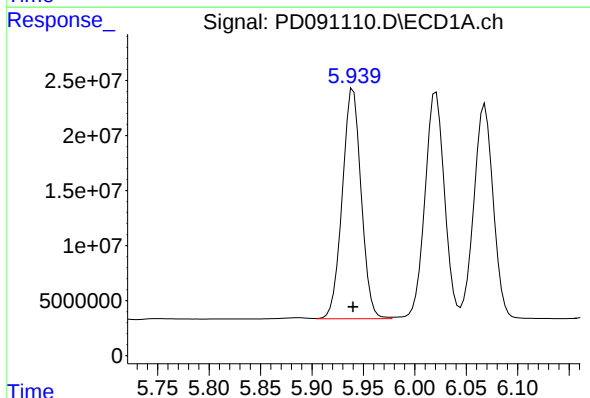
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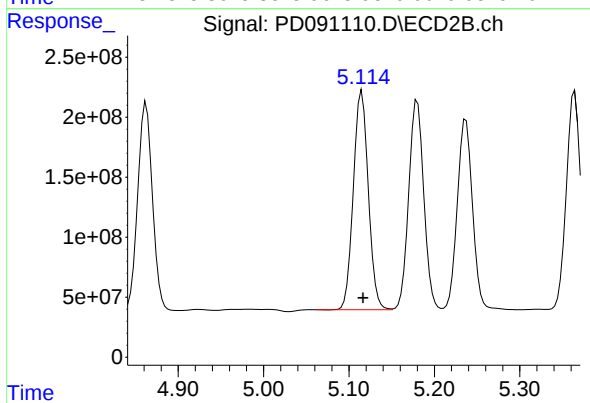
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1966710278
Conc: 49.93 ng/ml



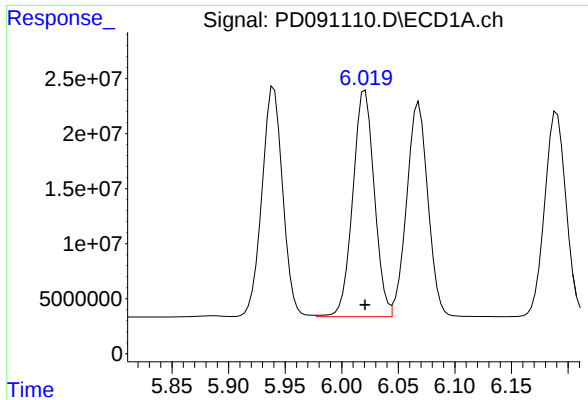
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 267089372
Conc: 45.03 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2221680724
Conc: 49.43 ng/ml



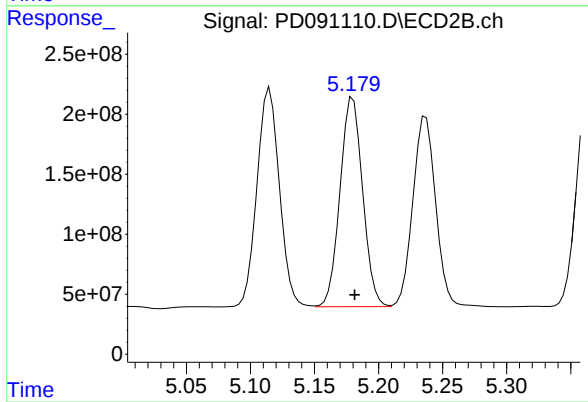
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 271942843
Conc: 44.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

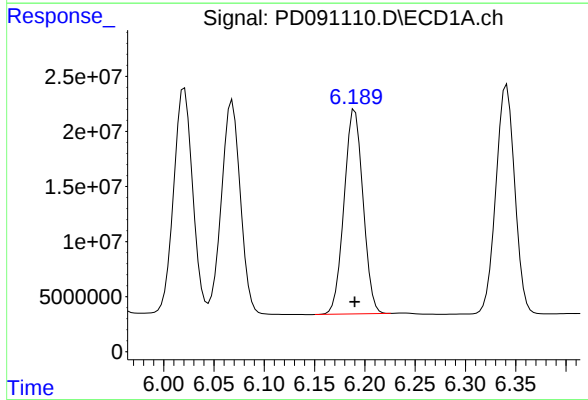
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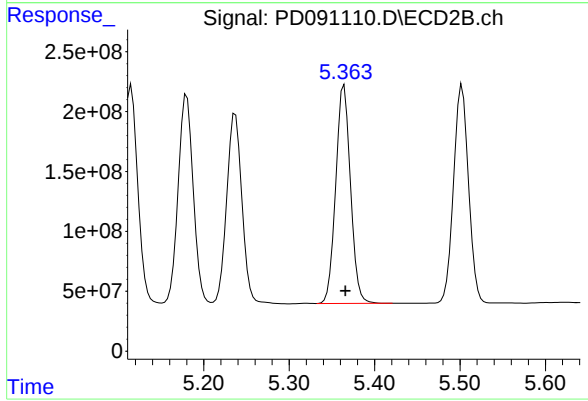
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 2142870530
Conc: 49.68 ng/ml



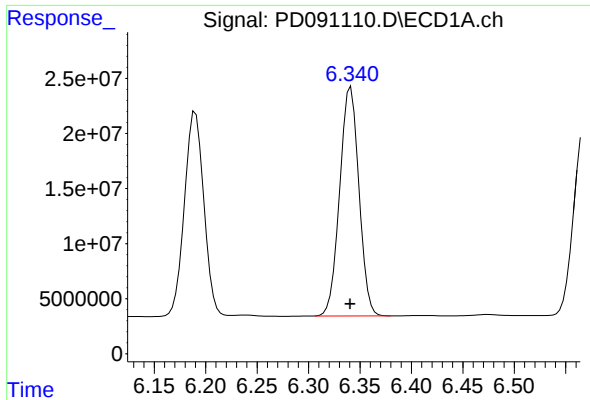
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 242613283
Conc: 45.55 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2187828132
Conc: 49.91 ng/ml



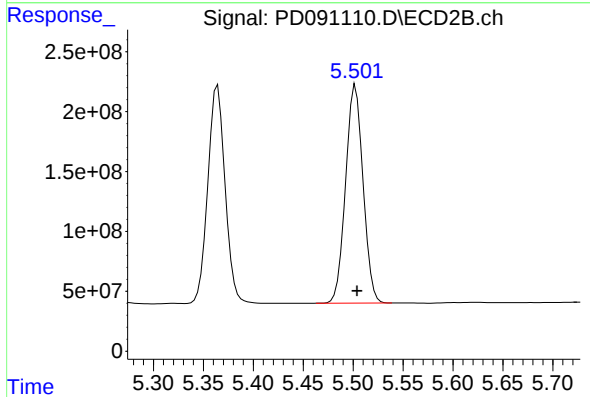
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 270708874
Conc: 46.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

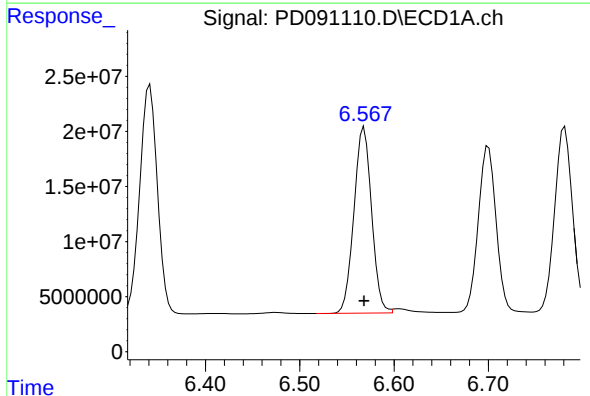
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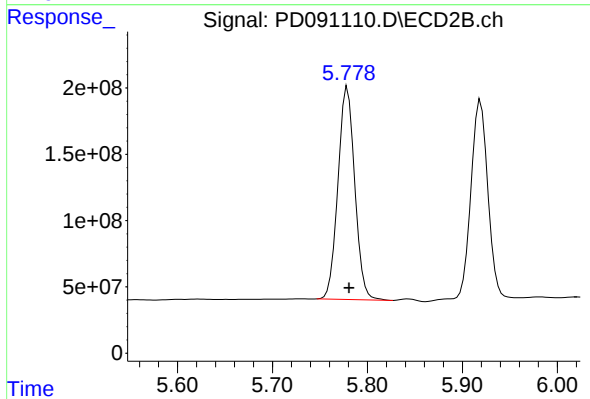
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 2216896872
Conc: 50.17 ng/ml



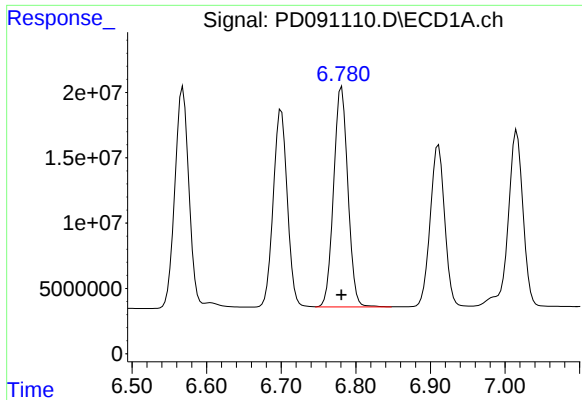
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 219935130
Conc: 44.40 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 1977880017
Conc: 48.84 ng/ml



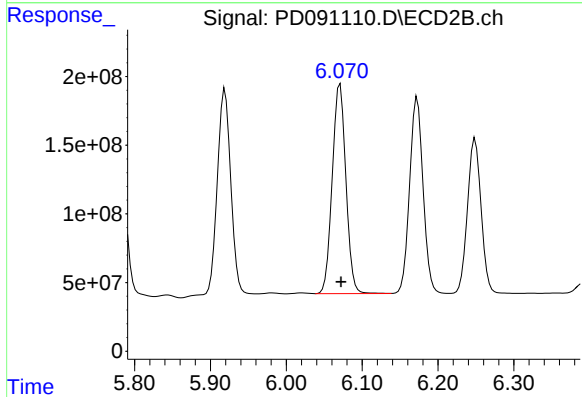
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 223920350
Conc: 44.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

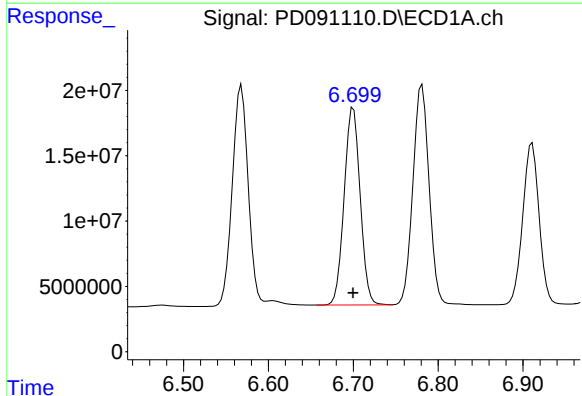
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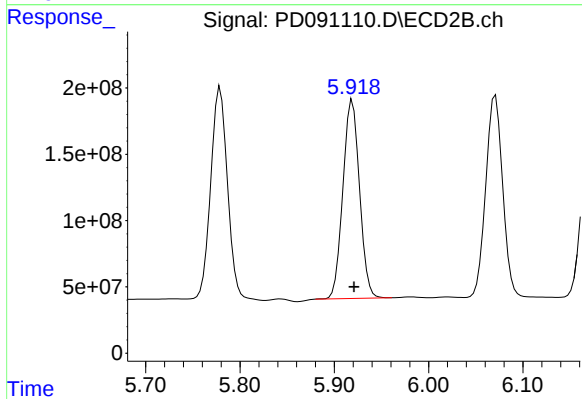
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 1912418555
Conc: 50.92 ng/ml



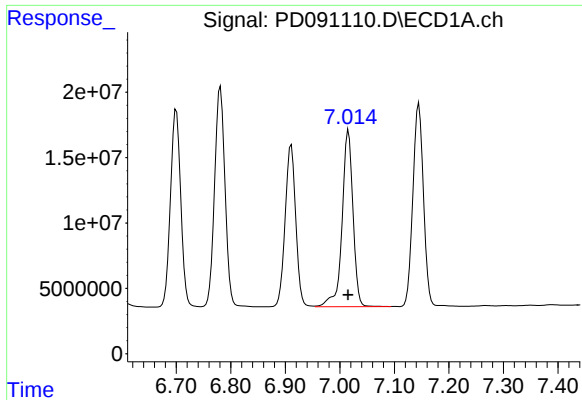
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 197961997
Conc: 48.83 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1836628019
Conc: 50.40 ng/ml



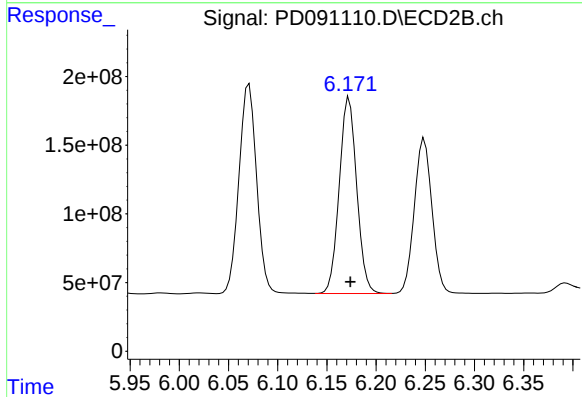
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 187415112
Conc: 45.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

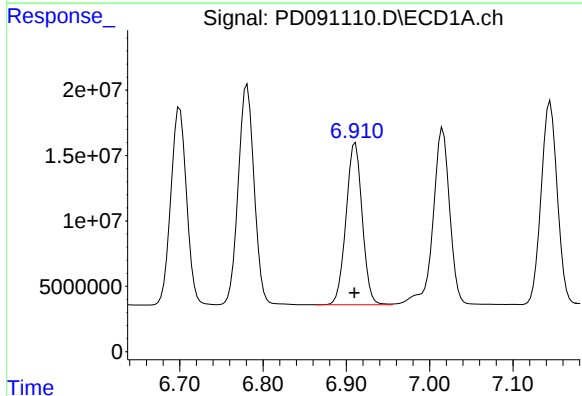
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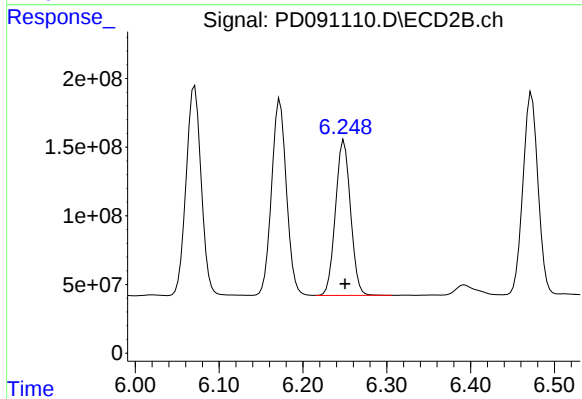
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1766472552
Conc: 50.37 ng/ml



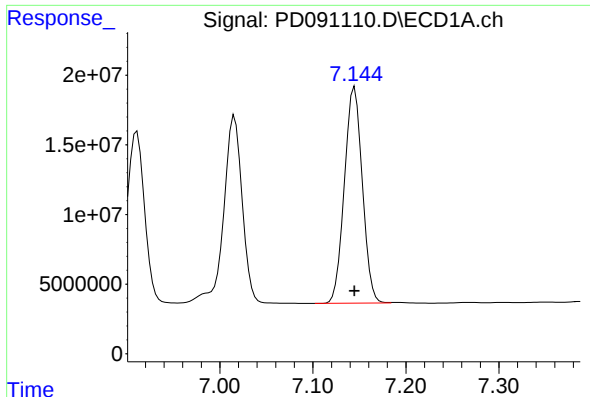
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.001 min
Response: 166809421
Conc: 45.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1409331879
Conc: 50.89 ng/ml



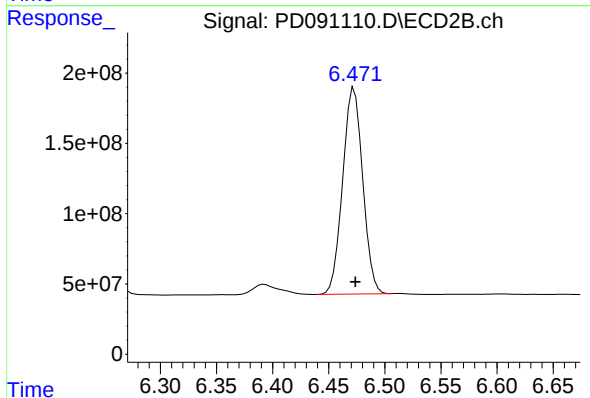
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 207869335
Conc: 44.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

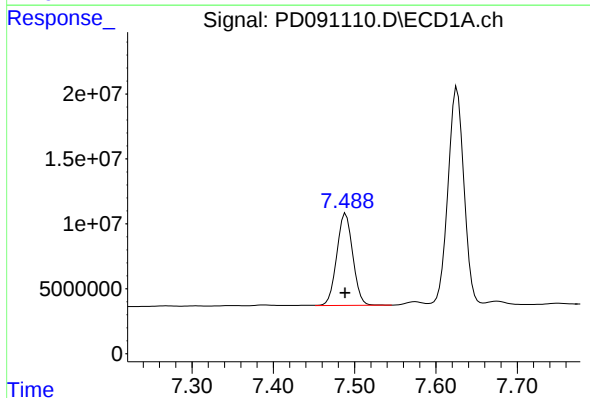
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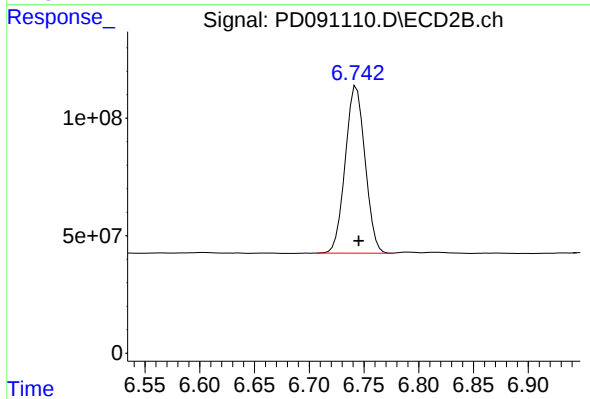
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 1824871923
Conc: 50.91 ng/ml



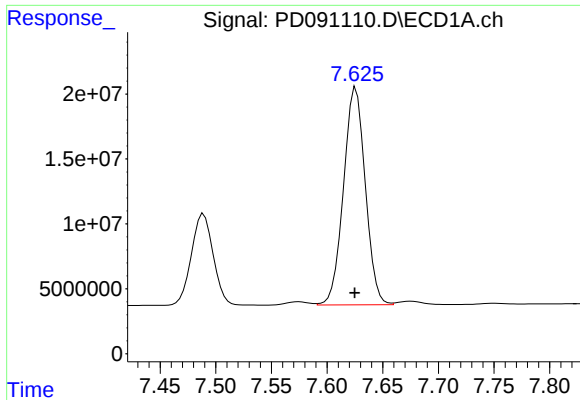
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 96766971
Conc: 45.52 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 895129421
Conc: 51.36 ng/ml



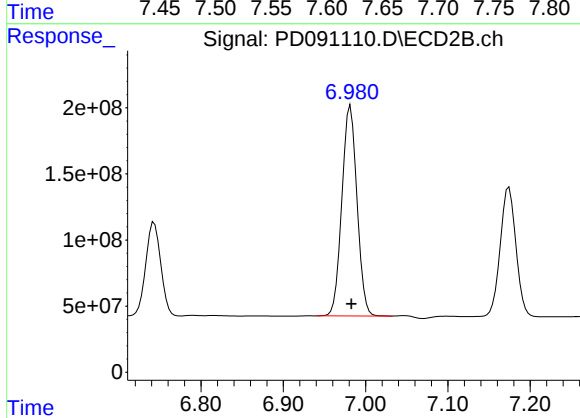
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.001 min
Response: 228218708
Conc: 46.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

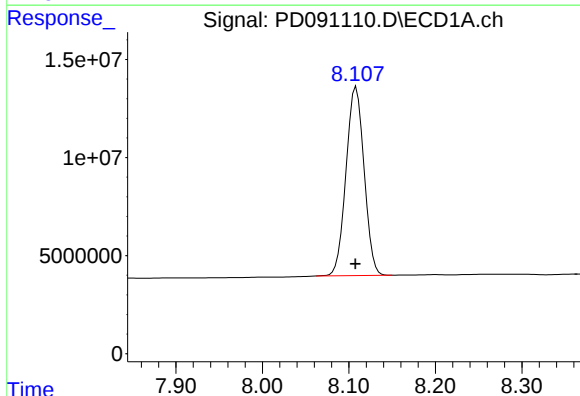
Manual Integrations
APPROVED

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



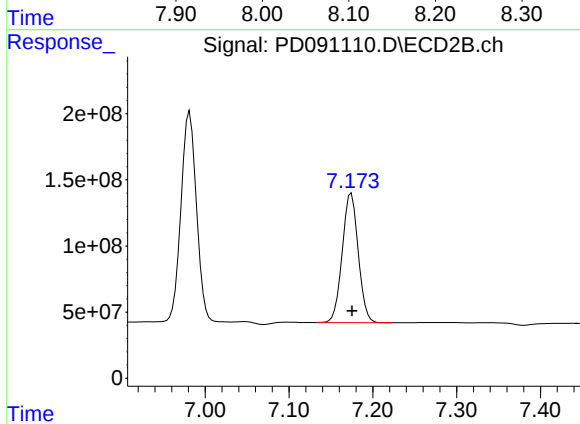
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.001 min
Response: 2035085280
Conc: 53.96 ng/ml



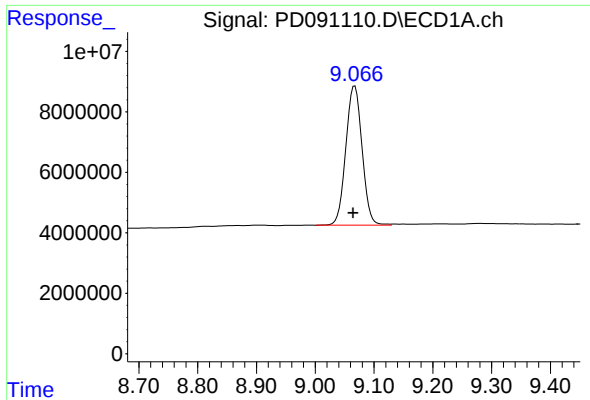
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.001 min
Response: 139091647
Conc: 43.45 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 1298492694
Conc: 50.54 ng/ml



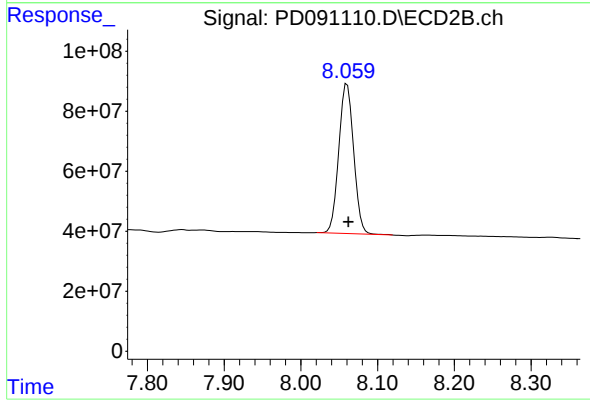
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 88473582
Conc: 18.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-1MS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 672027040
Conc: 22.19 ng/ml