

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
 Data File : PD090928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 14:51
 Operator : AR\AJ
 Sample : PB170348BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170348BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/03/2025
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:53:03 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	2.873	69100985	764.0E6	22.189	25.659
28)	SA Decachlor...	9.072	8.063	112.7E6	949.3E6	24.101	31.338 #
Target Compounds							
2)	A alpha-BHC	3.994	3.385	346.0E6	2756.3E6	48.210	53.943
3)	MA gamma-BHC...	4.325	3.722	325.2E6	2556.5E6	47.836	54.107
4)	MA Heptachlor	4.924	4.074	331.4E6	2547.3E6	59.295	57.111
5)	MB Aldrin	5.266	4.359	316.4E6	2526.9E6	48.326	54.554
6)	B beta-BHC	4.513	4.018	122.1E6	1062.4E6	46.624	53.579
7)	B delta-BHC	4.762	4.254	326.3E6	2588.9E6	48.260	54.256
8)	B Heptachlo...	5.686	4.864	286.3E6	2289.3E6	49.454	53.689
9)	A Endosulfan I	6.071	5.238	269.1E6	2074.2E6	48.599	52.658
10)	B gamma-Chl...	5.942	5.116	284.8E6	2471.9E6	48.016	54.993
11)	B alpha-Chl...	6.023	5.181	293.7E6	2365.4E6	47.523	54.835
12)	B 4,4'-DDE	6.192	5.366	253.9E6	2440.4E6	47.658	55.669
13)	MA Dieldrin	6.343	5.504	288.3E6	2457.5E6	49.445	55.619
14)	MA Endrin	6.571	5.781	249.3E6	2315.5E6	50.331	57.182
15)	B Endosulfa...	6.784	6.073	254.3E6	2136.2E6	50.862	56.882
16)	A 4,4'-DDD	6.703	5.921	209.8E6	2043.5E6	51.742	56.081
17)	MA 4,4'-DDT	7.019	6.174	228.7E6	2192.6E6	55.639	62.516
18)	B Endrin al...	6.913	6.250	185.6E6	1593.8E6	50.671	57.552
19)	B Endosulfa...	7.148	6.474	229.8E6	2055.4E6	49.543	57.342
20)	A Methoxychlor	7.492	6.745	125.3E6	1055.4E6	58.927	60.558
21)	B Endrin ke...	7.629	6.982	246.2E6	2635.8E6	50.669	69.883m#
22)	Mirex	8.112	7.176	157.4E6	1506.2E6	49.187	58.629

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
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Acq On : 31 Oct 2025 14:51
Operator : AR\AJ
Sample : PB170348BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170348BS

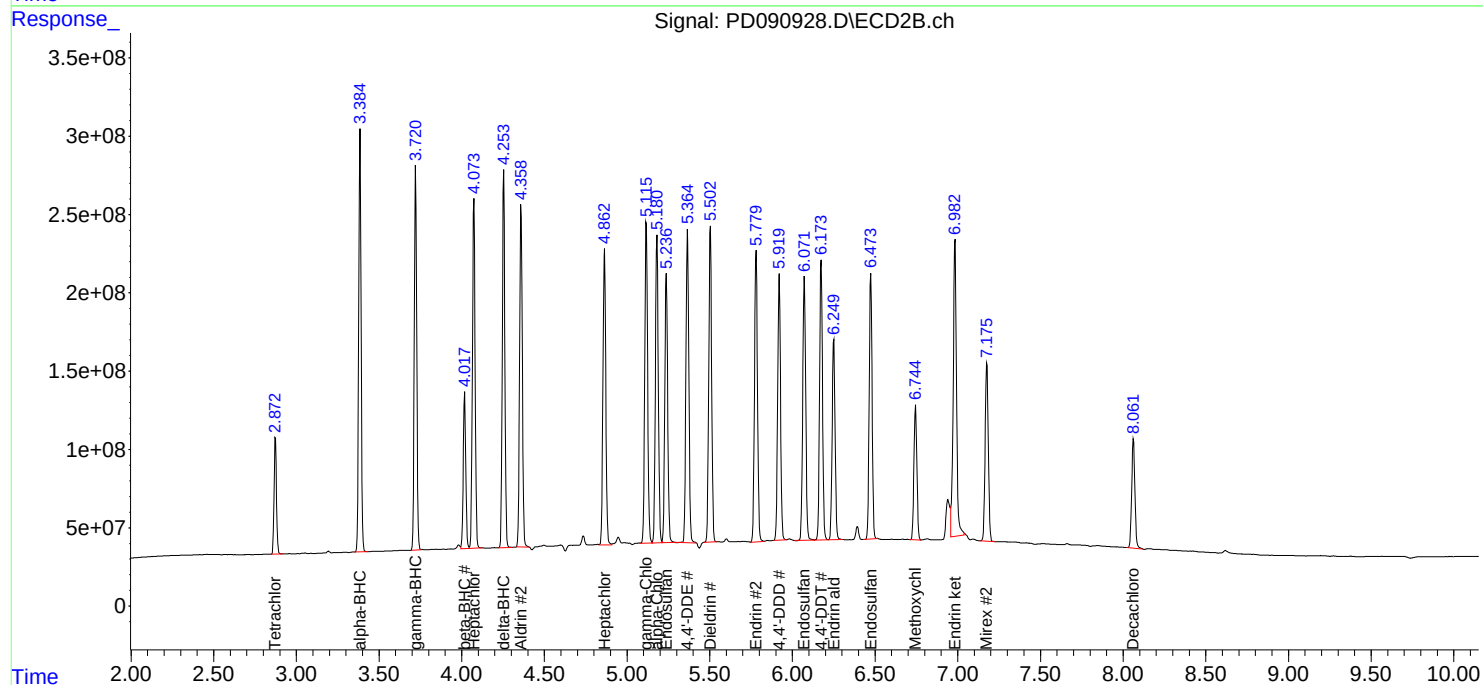
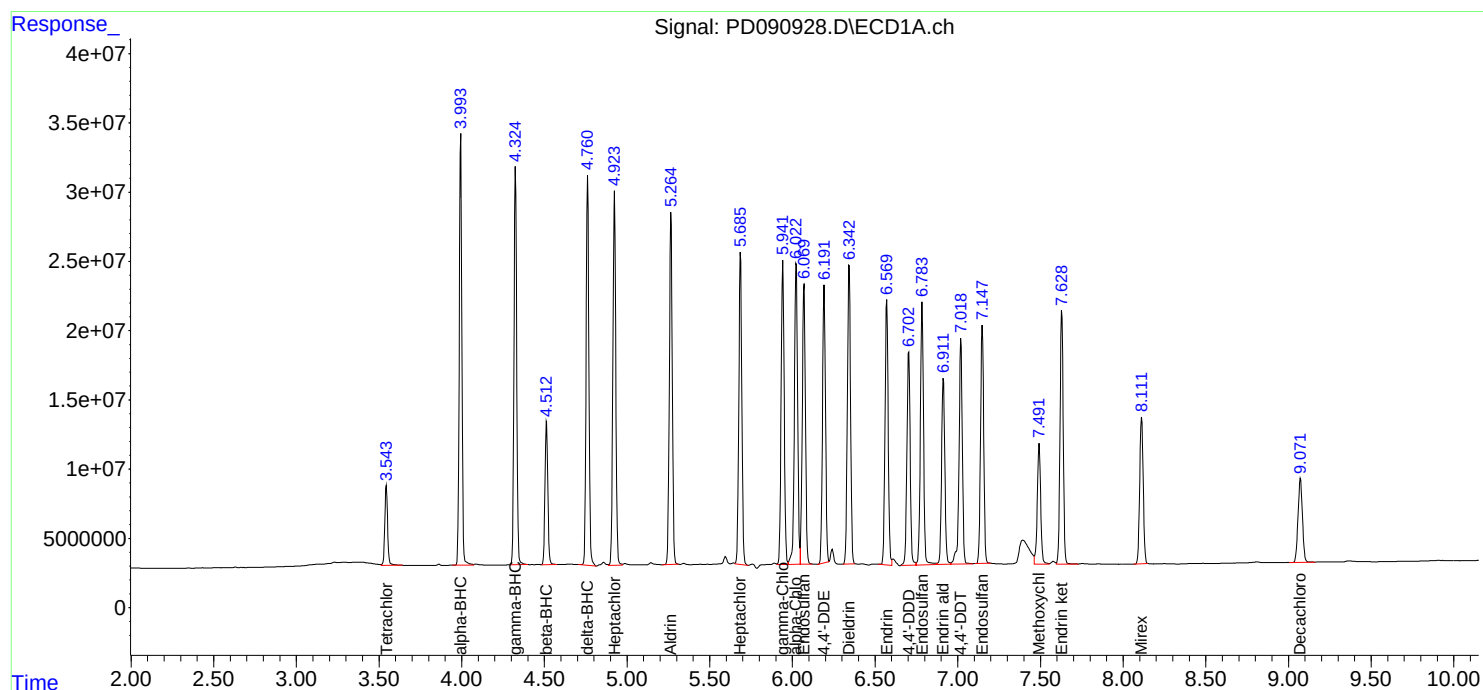
Manual Integrations

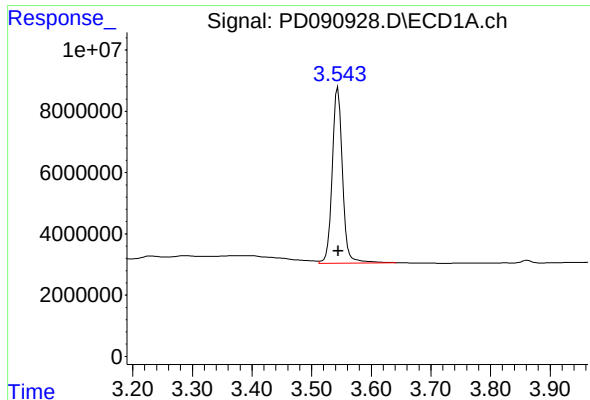
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Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:53:03 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





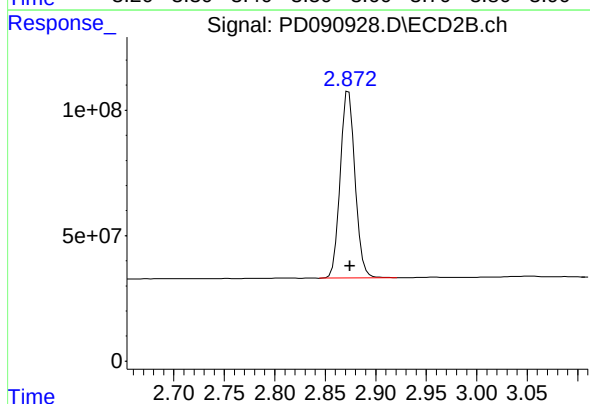
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 69100985
Conc: 22.19 ng/ml

Instrument :
ECD_D
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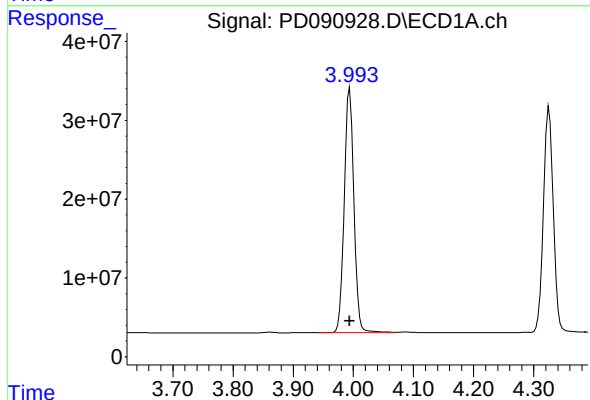
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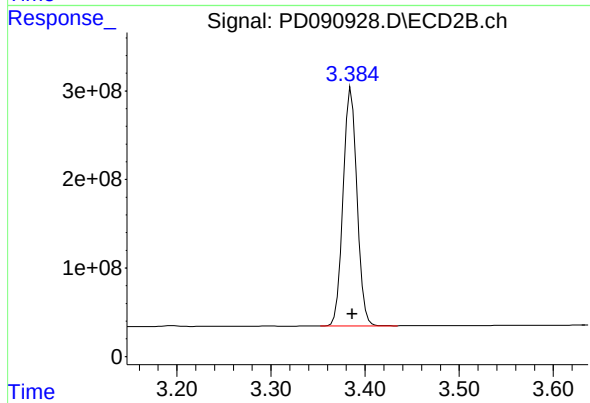
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 764038041
Conc: 25.66 ng/ml



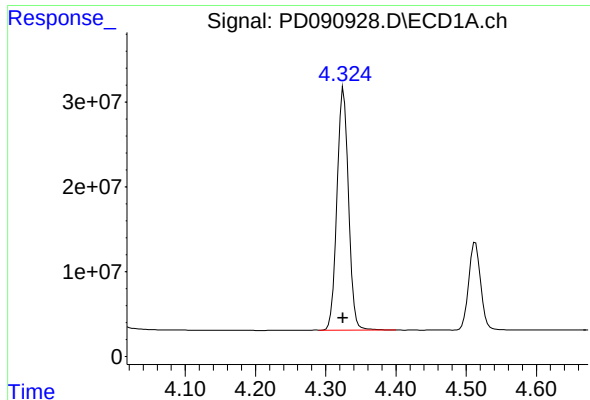
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 346009784
Conc: 48.21 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2756261085
Conc: 53.94 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 325230988
Conc: 47.84 ng/ml

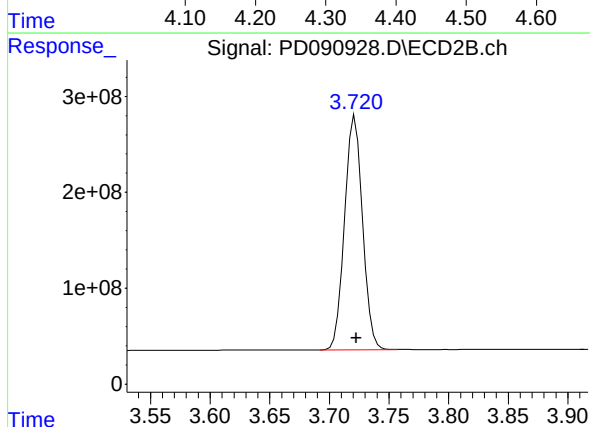
Instrument :

ECD_D

ClientSampleId :
PB170348BS

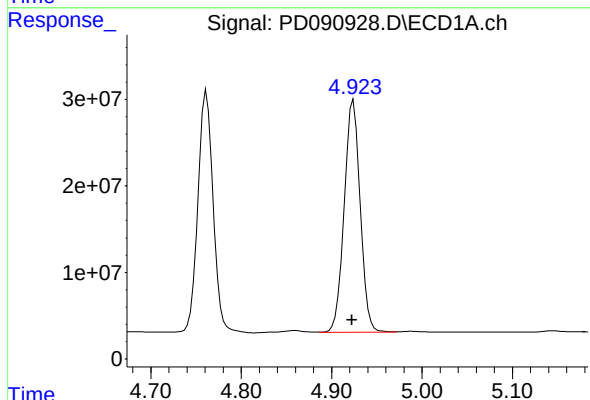
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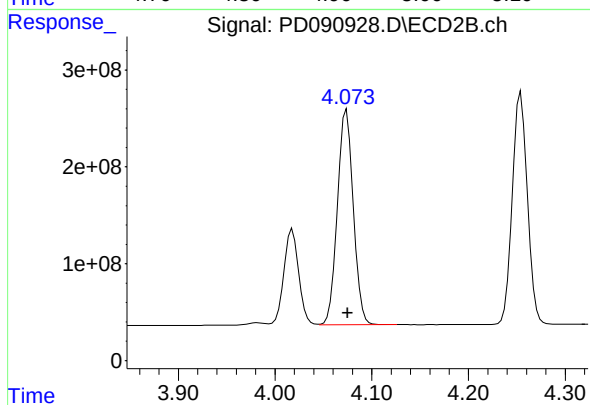
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.001 min
Response: 2556472391
Conc: 54.11 ng/ml



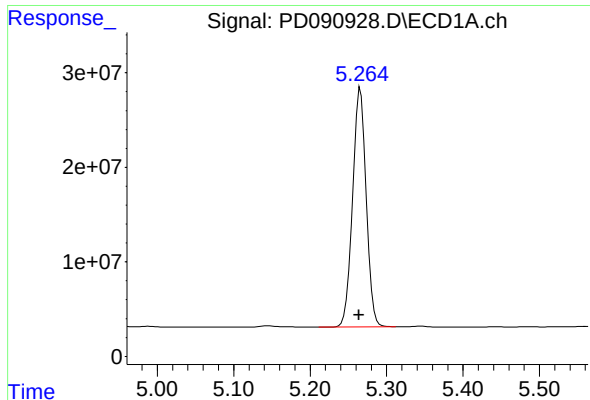
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.002 min
Response: 331434052
Conc: 59.30 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 2547310993
Conc: 57.11 ng/ml



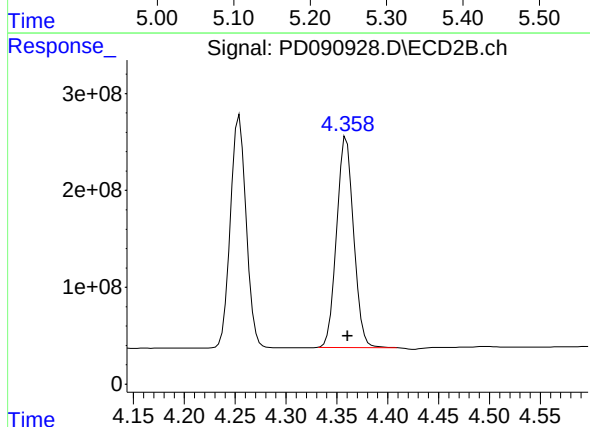
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 316400723
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170348BS

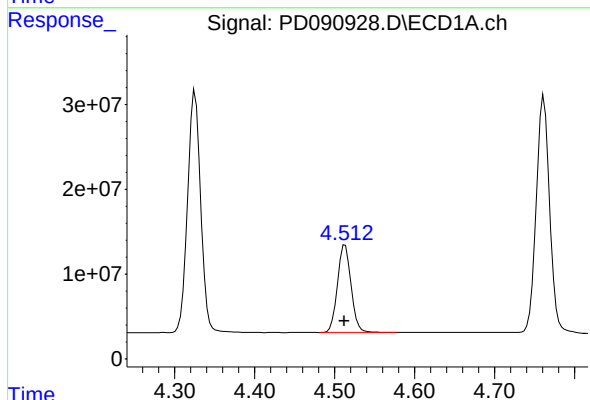
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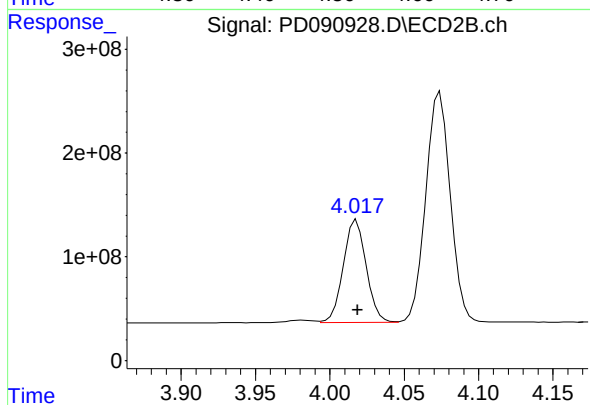
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.001 min
Response: 2526887380
Conc: 54.55 ng/ml



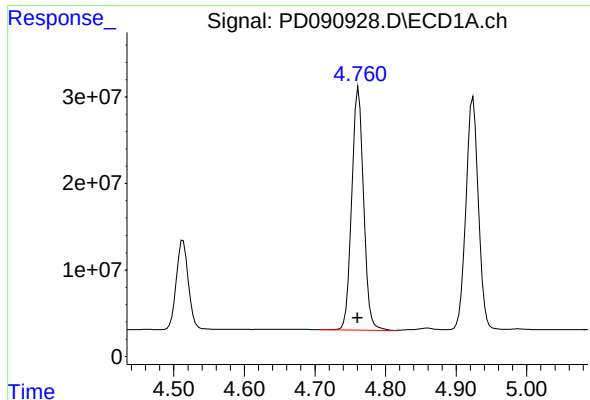
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.001 min
Response: 122136461
Conc: 46.62 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 1062443911
Conc: 53.58 ng/ml



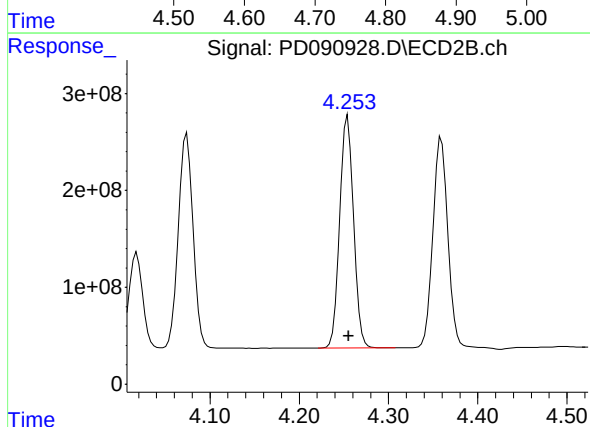
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.001 min
Response: 326318995
Conc: 48.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170348BS

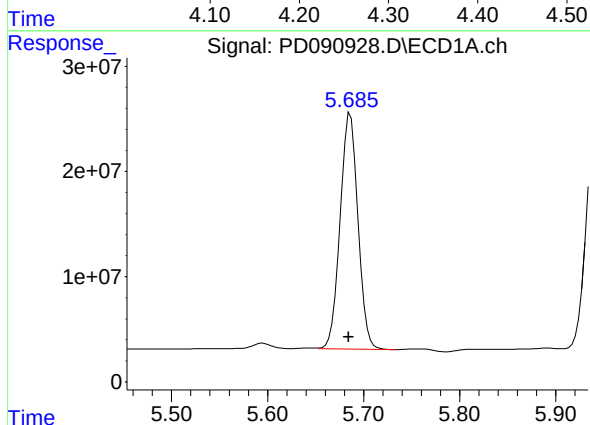
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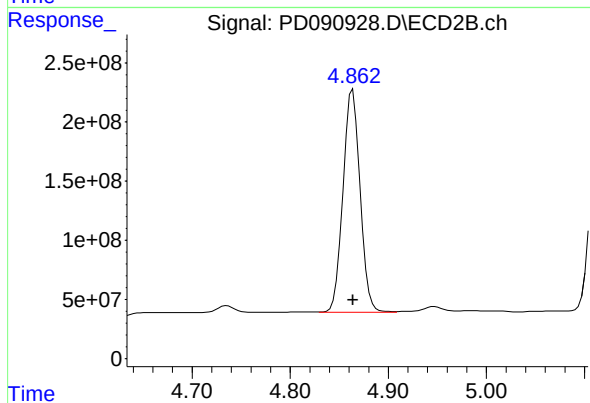
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 2588891265
Conc: 54.26 ng/ml



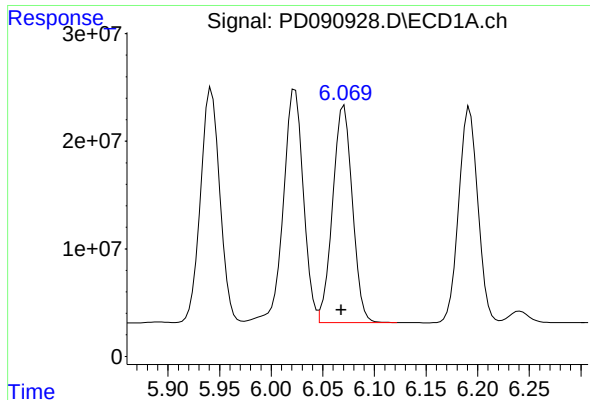
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.002 min
Response: 286295059
Conc: 49.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 2289260287
Conc: 53.69 ng/ml



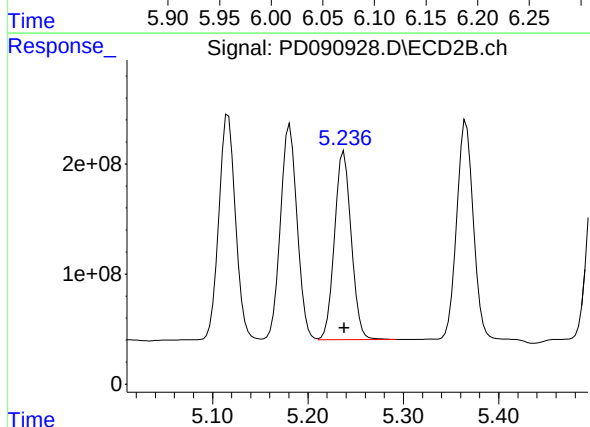
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.003 min
Response: 269074131
Conc: 48.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170348BS

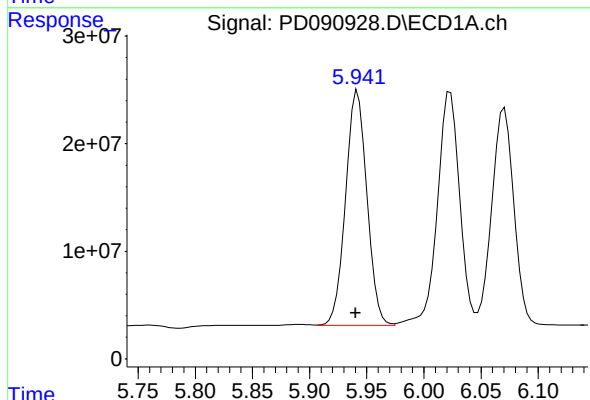
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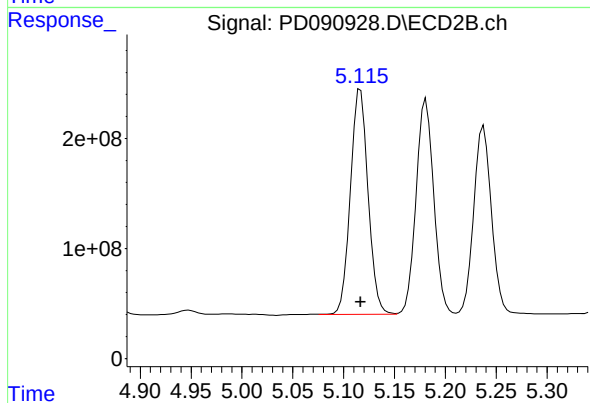
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 2074229505
Conc: 52.66 ng/ml



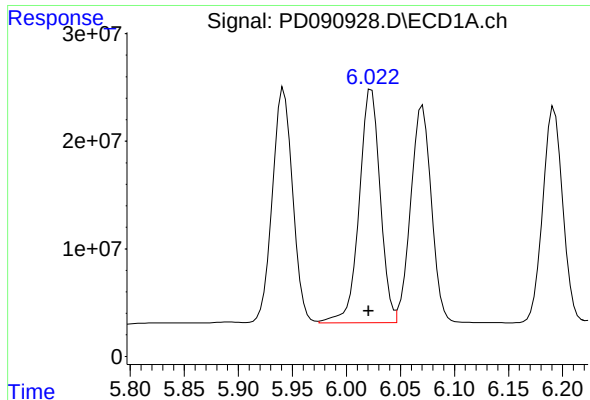
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 284788582
Conc: 48.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 2471864565
Conc: 54.99 ng/ml



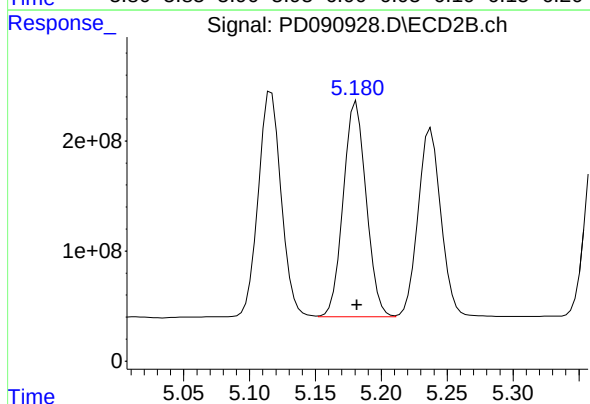
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.003 min
Response: 293705865
Conc: 47.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170348BS

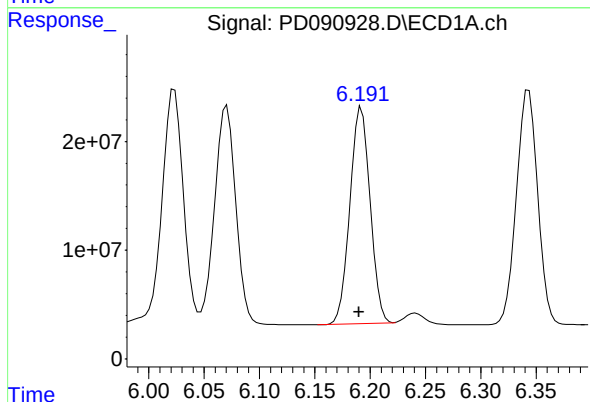
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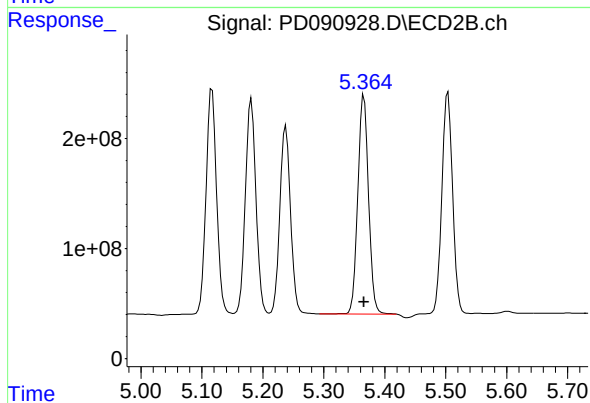
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 2365441656
Conc: 54.83 ng/ml



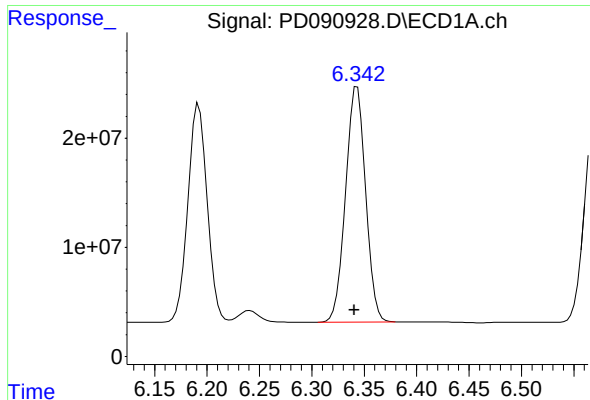
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.002 min
Response: 253854581
Conc: 47.66 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 2440446994
Conc: 55.67 ng/ml



#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 288332060
Conc: 49.45 ng/ml

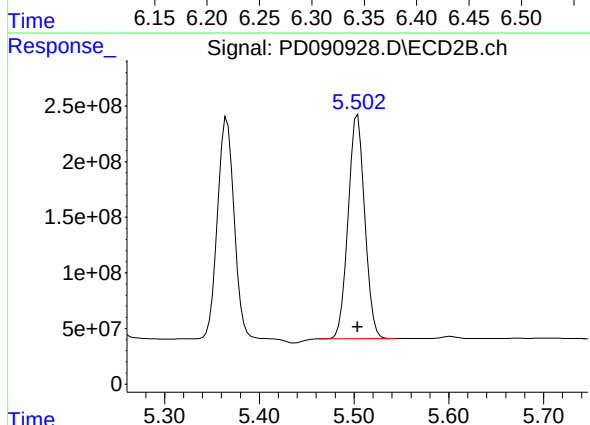
Instrument :

ECD_D

ClientSampleId :
PB170348BS

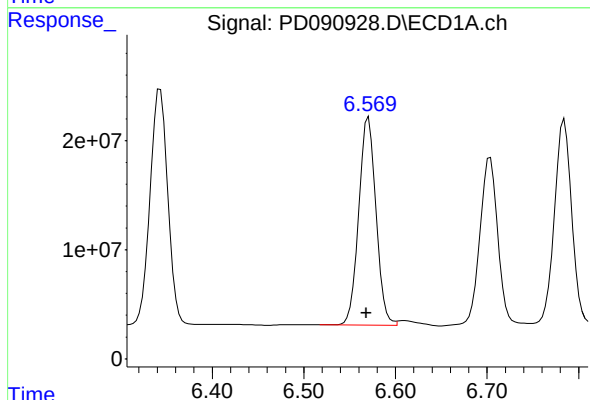
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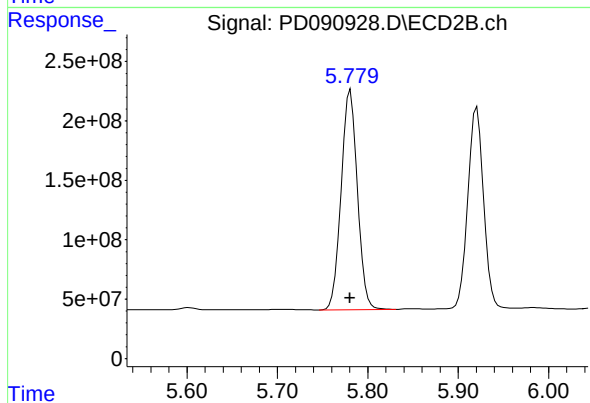
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 2457450377
Conc: 55.62 ng/ml



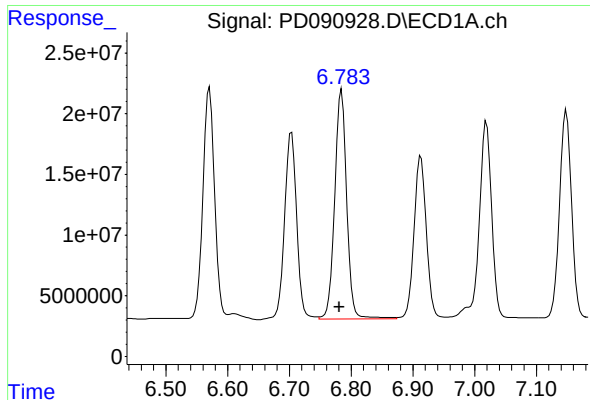
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.003 min
Response: 249325472
Conc: 50.33 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 2315537840
Conc: 57.18 ng/ml



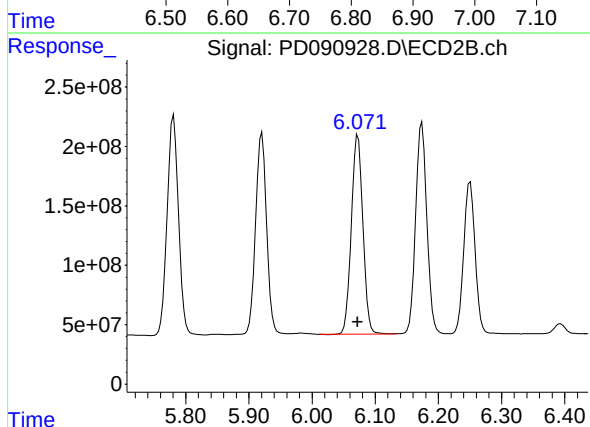
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.003 min
Response: 254310227
Conc: 50.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170348BS

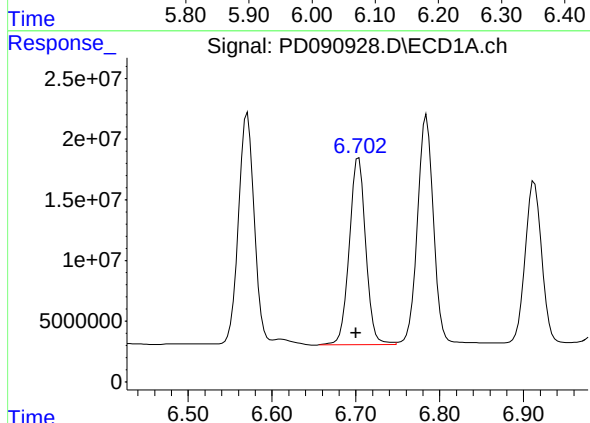
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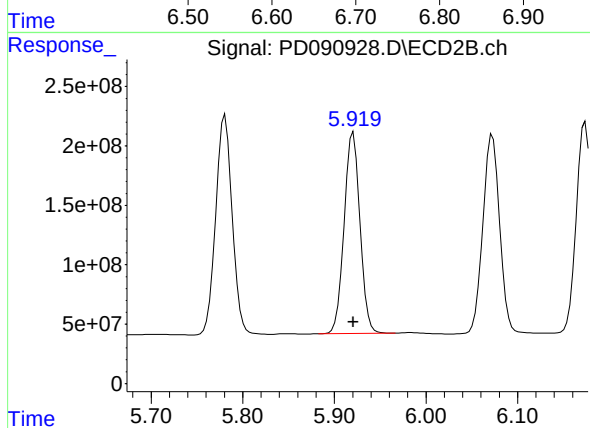
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 2136239880
Conc: 56.88 ng/ml



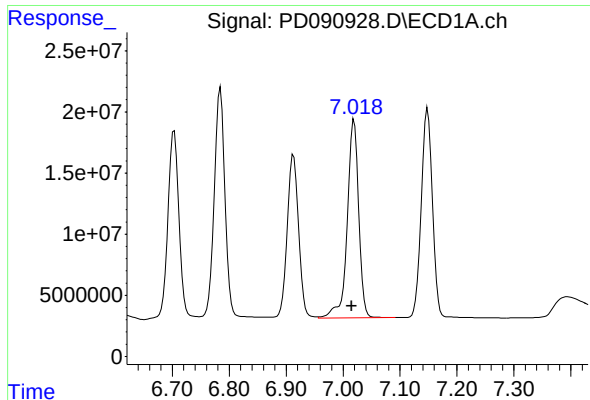
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.003 min
Response: 209774184
Conc: 51.74 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 2043472819
Conc: 56.08 ng/ml



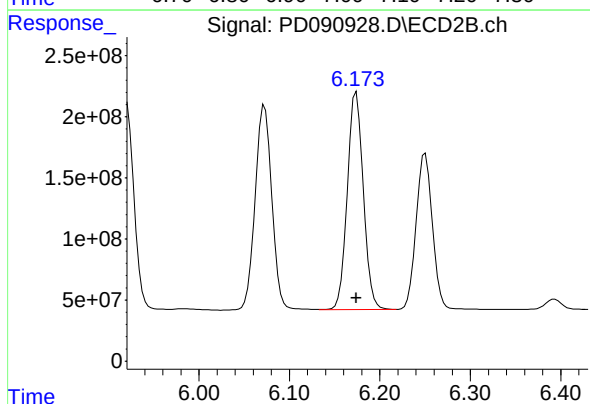
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.004 min
Response: 228700614
Conc: 55.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170348BS

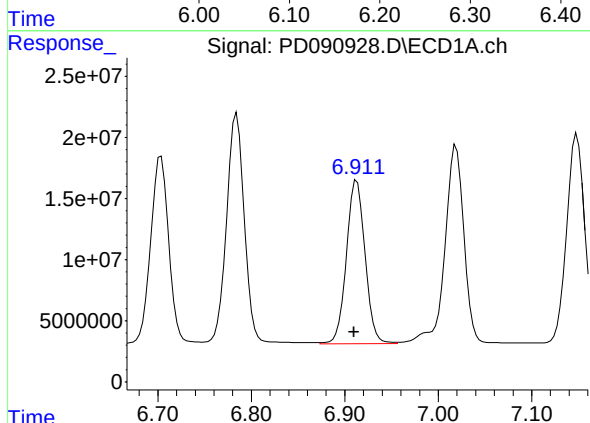
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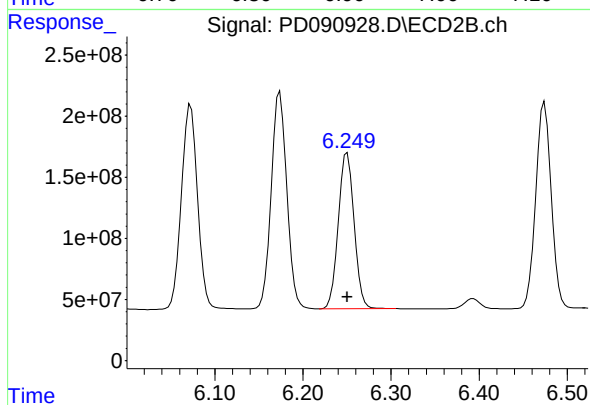
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 2192642242
Conc: 62.52 ng/ml



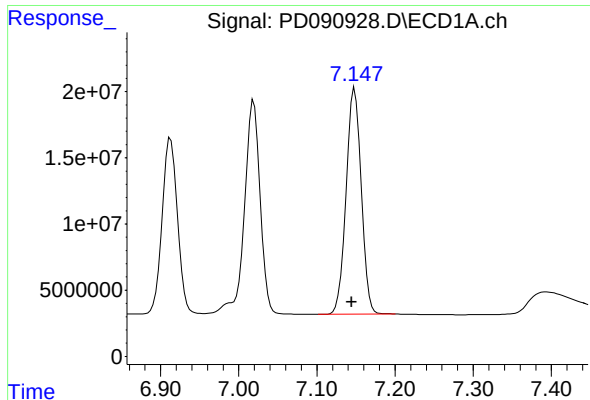
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 185592578
Conc: 50.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1593778494
Conc: 57.55 ng/ml



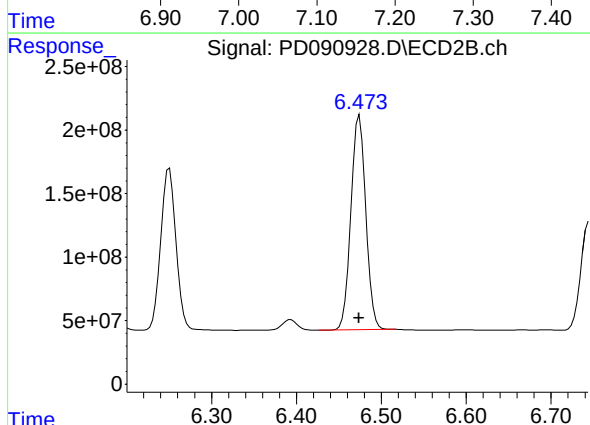
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.004 min
Response: 229787751
Conc: 49.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170348BS

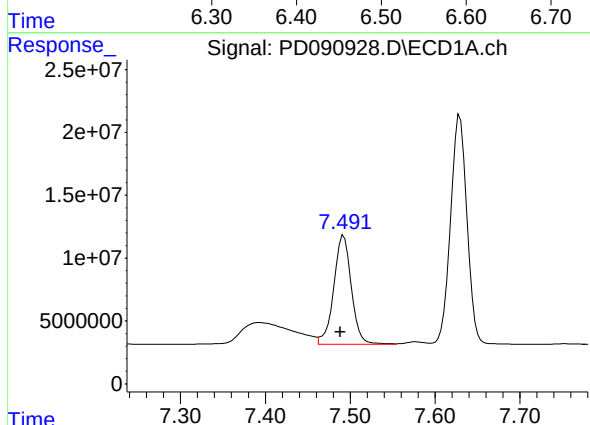
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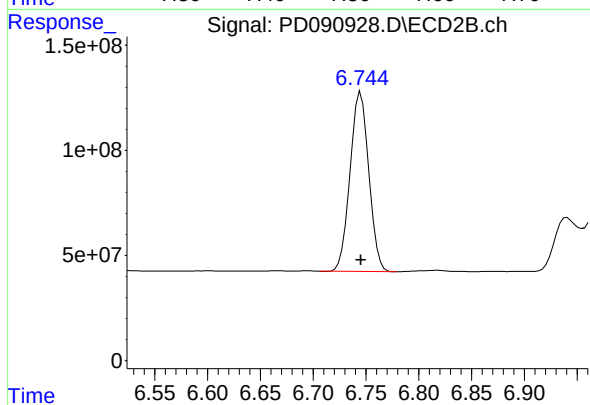
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 2055429621
Conc: 57.34 ng/ml



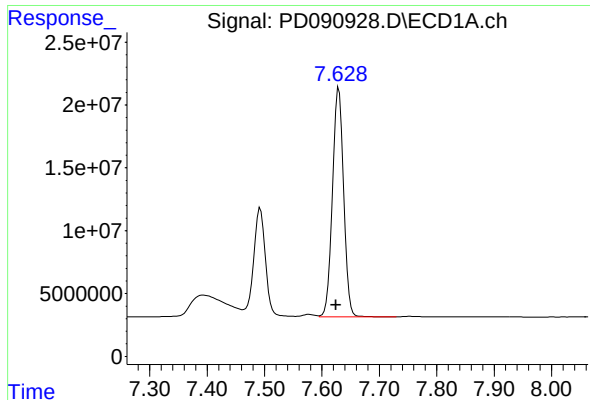
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.004 min
Response: 125253508
Conc: 58.93 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1055387139
Conc: 60.56 ng/ml



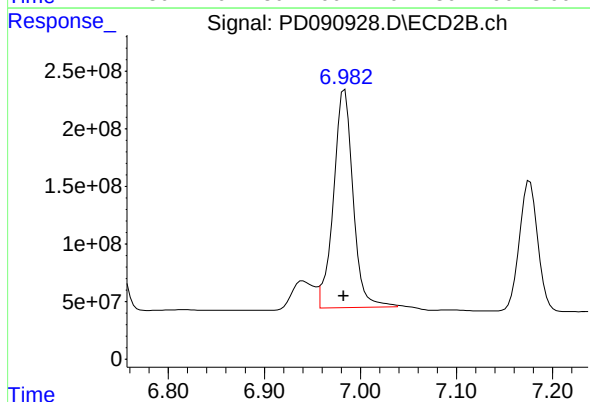
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.004 min
Response: 246194432
Conc: 50.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170348BS

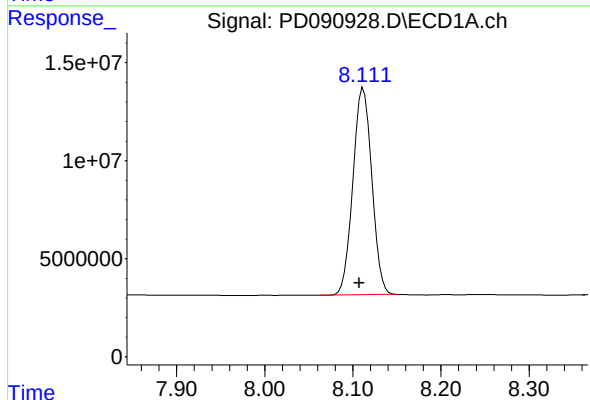
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025



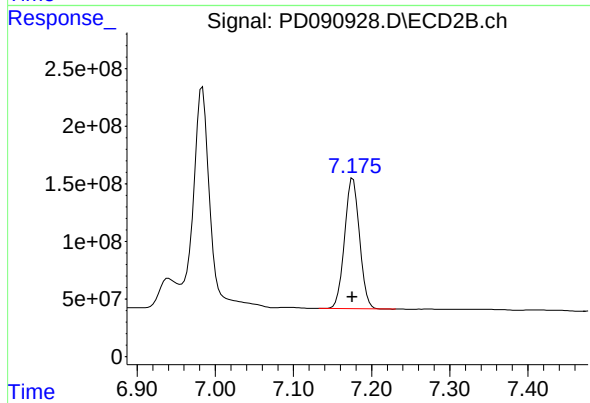
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 2635822712
Conc: 69.88 ng/ml m



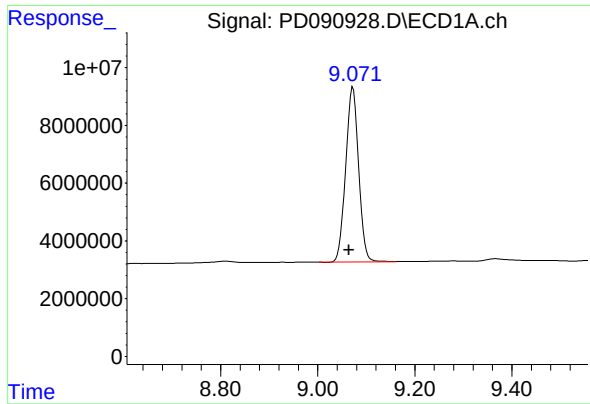
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.005 min
Response: 157440844
Conc: 49.19 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: 0.001 min
Response: 1506238956
Conc: 58.63 ng/ml



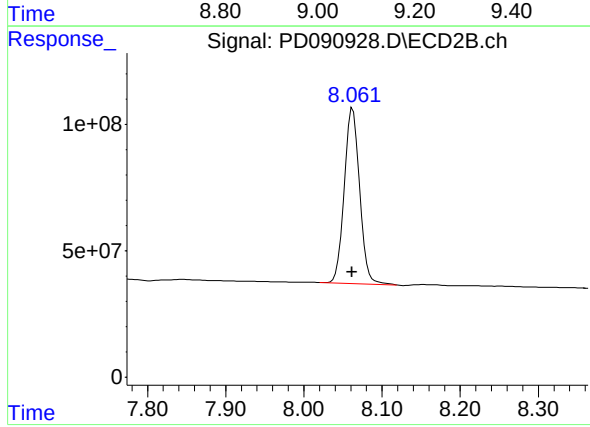
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.008 min
Response: 112745148
Conc: 24.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170348BS

Manual Integrations
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Supervised By :Yogesh Patel 11/03/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 949259587
Conc: 31.34 ng/ml