

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
 Data File : PD091063.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2025 14:36
 Operator : AR\AJ
 Sample : Q3586-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SED-3MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/12/2025
 Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 00:20:30 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	46321195	514.1E6	14.874m	17.264
28)	SA Decachlor...	9.067	8.061	68584554	502.9E6	14.661	16.604
Target Compounds							
2)	A alpha-BHC	3.993	3.386	348.1E6	2641.6E6	48.499	51.699
3)	MA gamma-BHC...	4.324	3.722	323.1E6	2414.0E6	47.525	51.092
4)	MA Heptachlor	4.922	4.074	322.6E6	2389.8E6	57.717	53.580
5)	MB Aldrin	5.263	4.359	310.4E6	2349.8E6	47.416	50.730
6)	B beta-BHC	4.511	4.018	125.3E6	1037.9E6	47.823	52.342
7)	B delta-BHC	4.759	4.254	325.8E6	2428.0E6	48.177	50.883
8)	B Heptachlo...	5.684	4.863	275.6E6	2138.6E6	47.601	50.156
9)	A Endosulfan I	6.067	5.236	260.0E6	1980.0E6	46.952	50.267
10)	B gamma-Chl...	5.939	5.115	272.9E6	2258.1E6	46.018	50.237
11)	B alpha-Chl...	6.020	5.180	287.6E6	2176.3E6	46.537	50.451
12)	B 4,4'-DDE	6.189	5.364	247.2E6	2203.2E6	46.401	50.257
13)	MA Dieldrin	6.340	5.502	276.4E6	2227.9E6	47.406	50.423
14)	MA Endrin	6.568	5.779	229.8E6	2014.5E6	46.384	49.748
15)	B Endosulfa...	6.781	6.071	226.7E6	1912.0E6	45.341	50.912
16)	A 4,4'-DDD	6.700	5.919	200.6E6	1802.4E6	49.486	49.464
17)	MA 4,4'-DDT	7.015	6.173	197.9E6	1813.1E6	48.150	51.695
18)	B Endrin al...	6.910	6.249	172.1E6	1411.7E6	46.985	50.978
19)	B Endosulfa...	7.145	6.472	211.9E6	1821.8E6	45.696	50.825
20)	A Methoxychlor	7.488	6.743	101.2E6	902.1E6	47.632	51.761
21)	B Endrin ke...	7.626	6.981	231.2E6	1972.7E6	47.576	52.303
22)	Mirex	8.108	7.174	140.6E6	1269.1E6	43.932	49.397

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
Data File : PD091063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2025 14:36
Operator : AR\AJ
Sample : Q3586-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

SED-3MSD

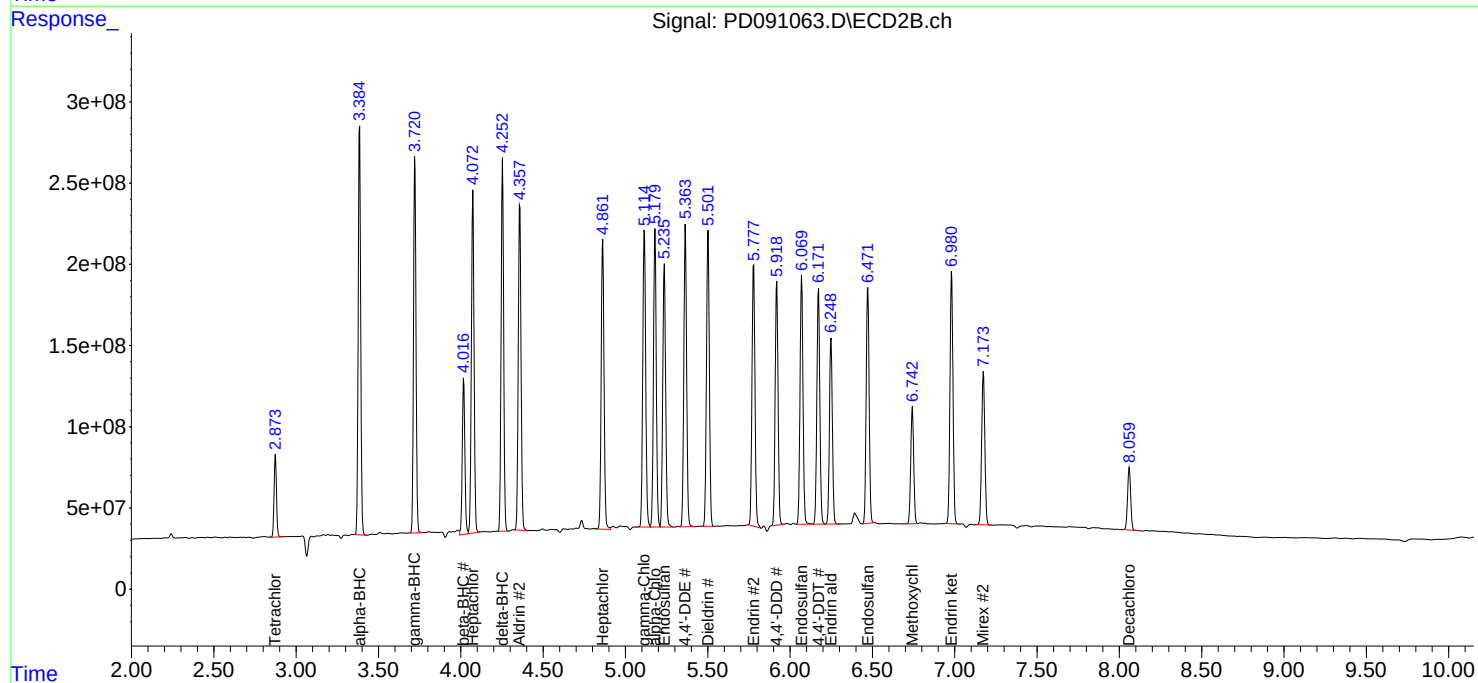
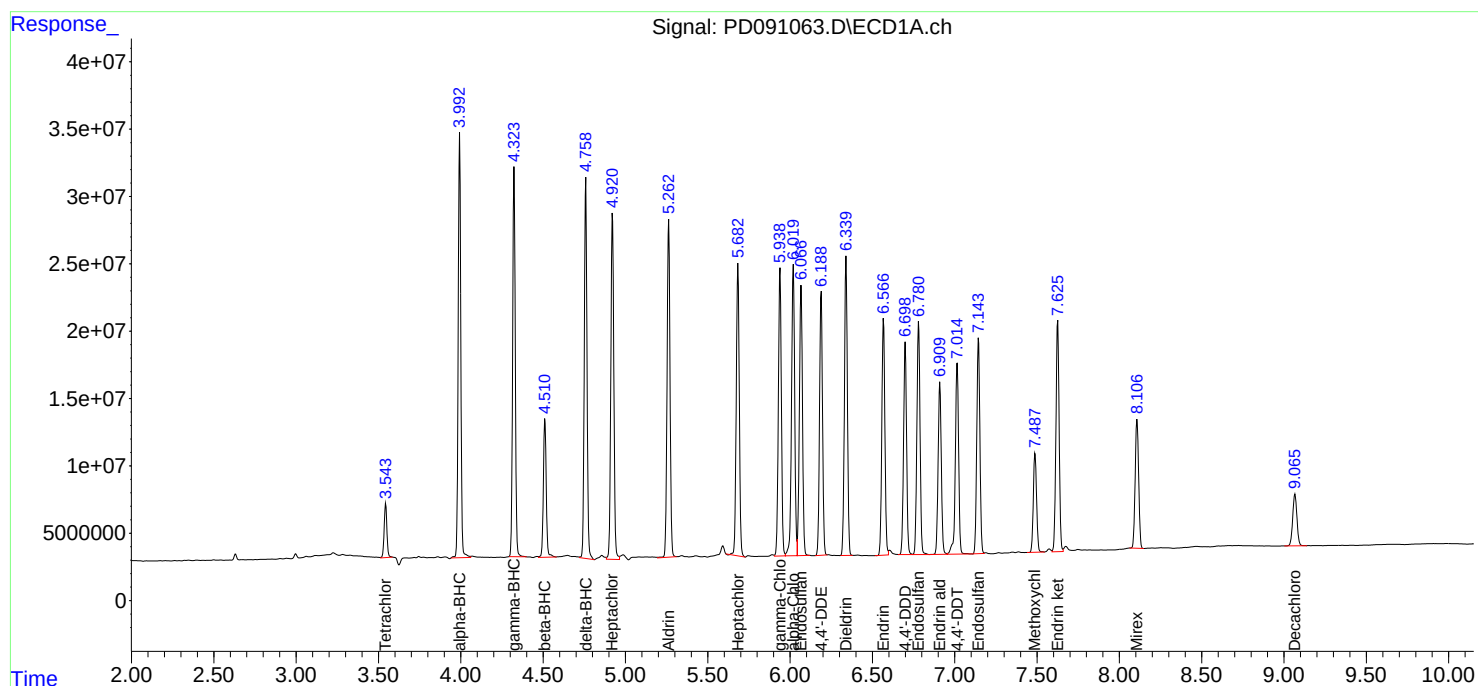
Manual Integrations

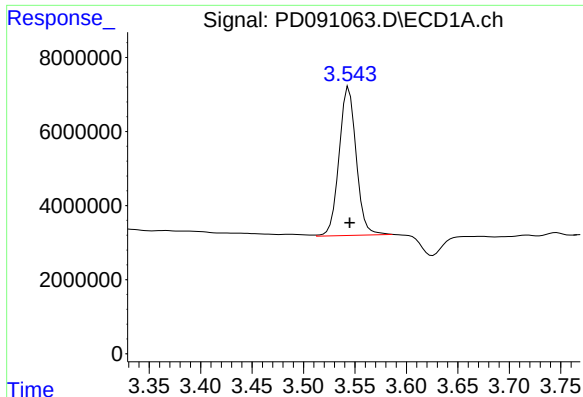
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Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:20:30 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





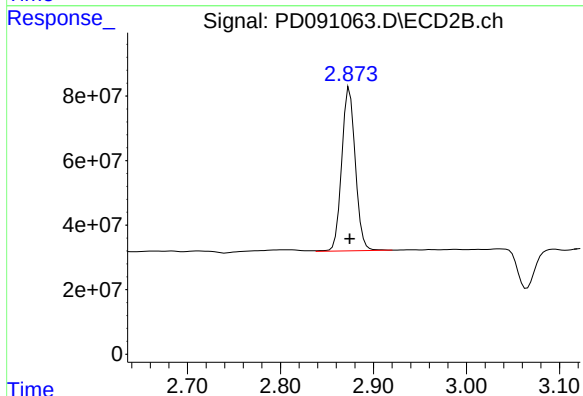
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 46321195
Conc: 14.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

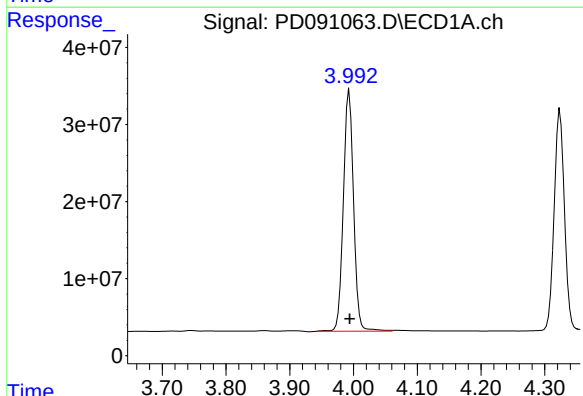
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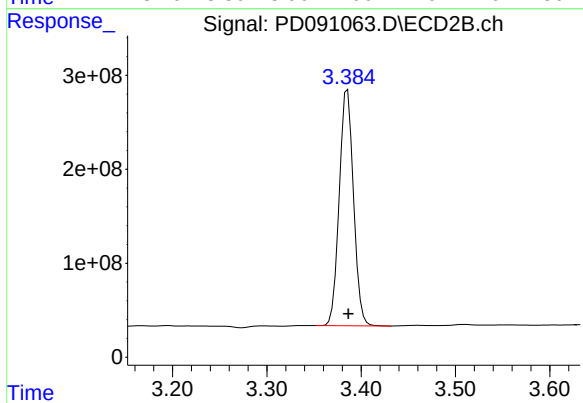
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 514075231
Conc: 17.26 ng/ml



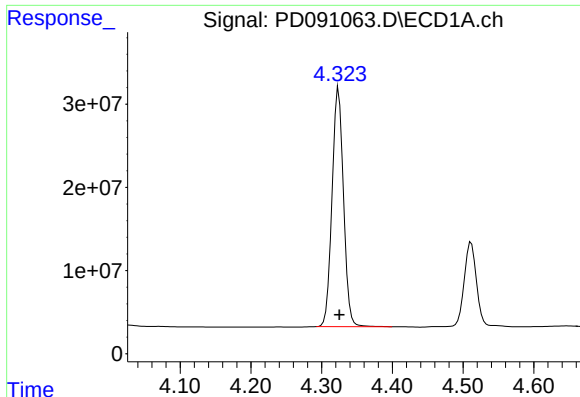
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 348083198
Conc: 48.50 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2641575020
Conc: 51.70 ng/ml



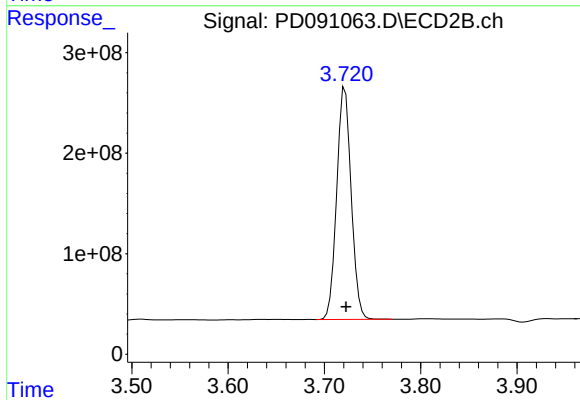
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 323114824
Conc: 47.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

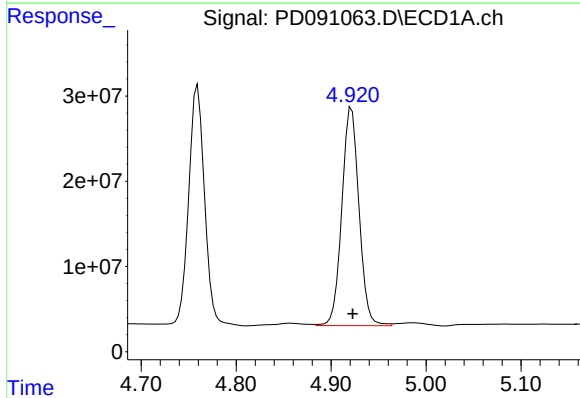
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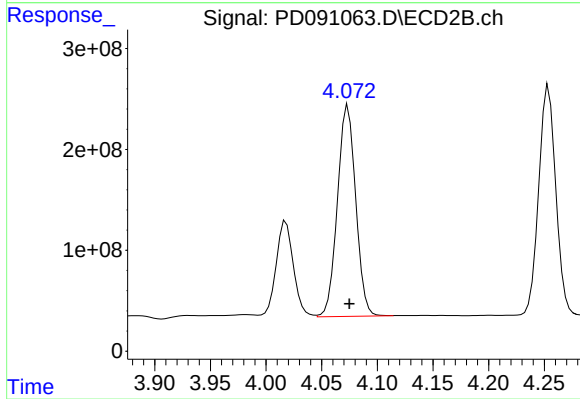
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.001 min
Response: 2414017097
Conc: 51.09 ng/ml



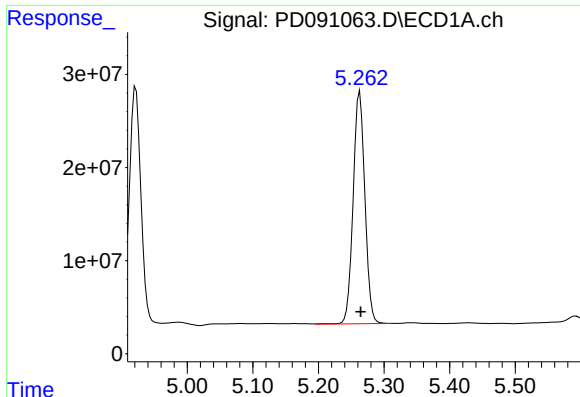
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 322611864
Conc: 57.72 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.001 min
Response: 2389804462
Conc: 53.58 ng/ml



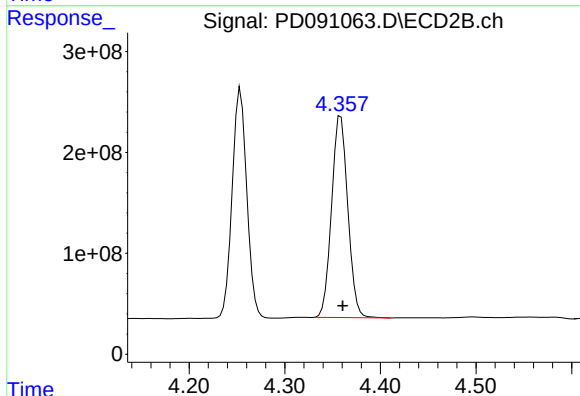
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 310444913
Conc: 47.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

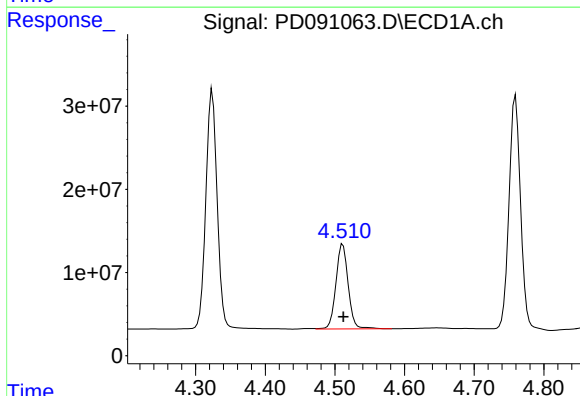
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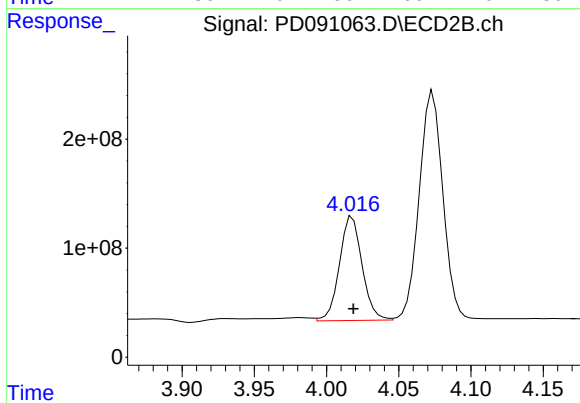
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2349752178
Conc: 50.73 ng/ml



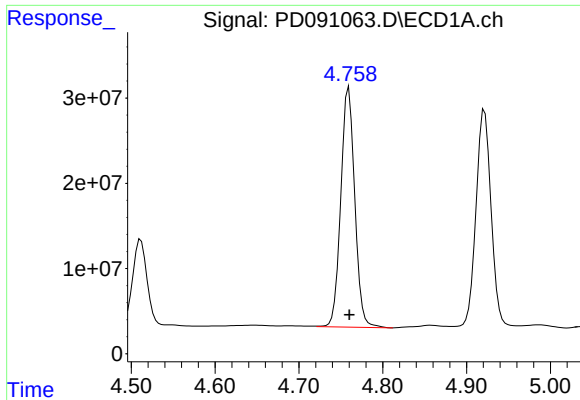
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 125277697
Conc: 47.82 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 1037914327
Conc: 52.34 ng/ml



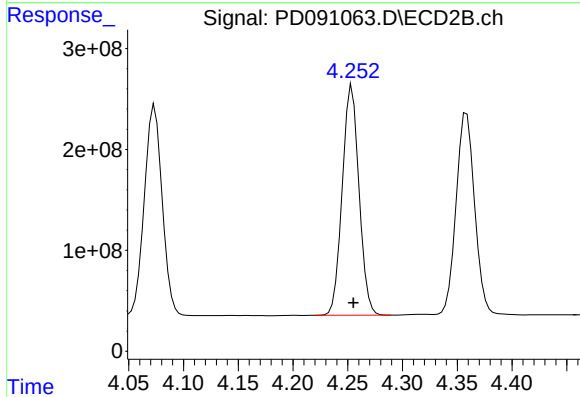
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 325760032
Conc: 48.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

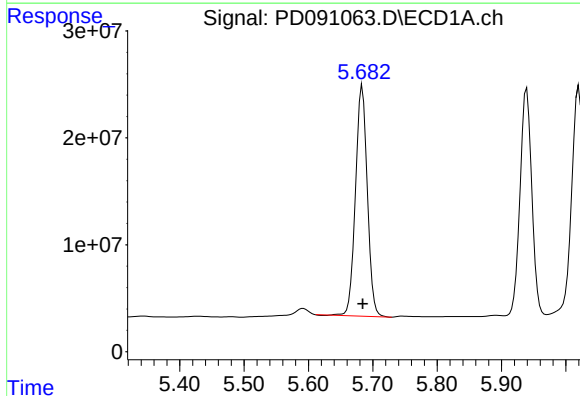
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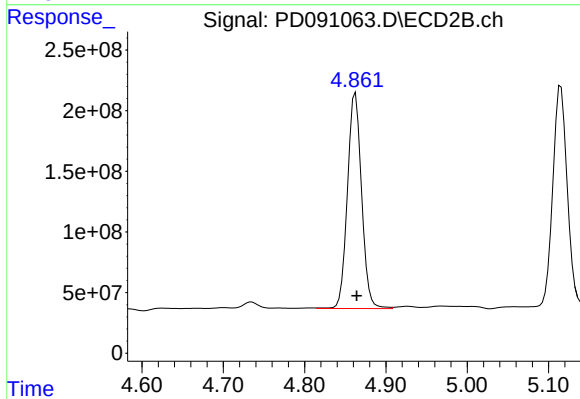
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2427964908
Conc: 50.88 ng/ml



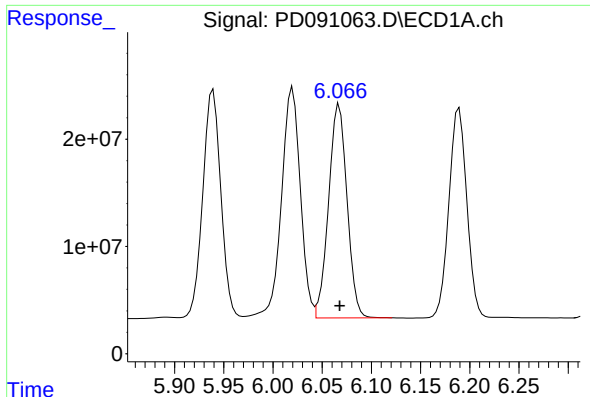
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 275566601
Conc: 47.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.002 min
Response: 2138605666
Conc: 50.16 ng/ml



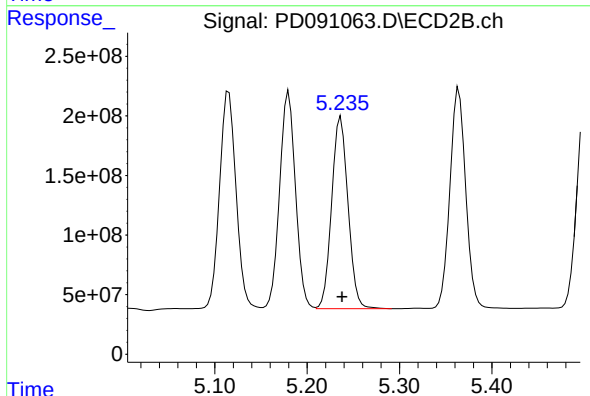
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 259956501
Conc: 46.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

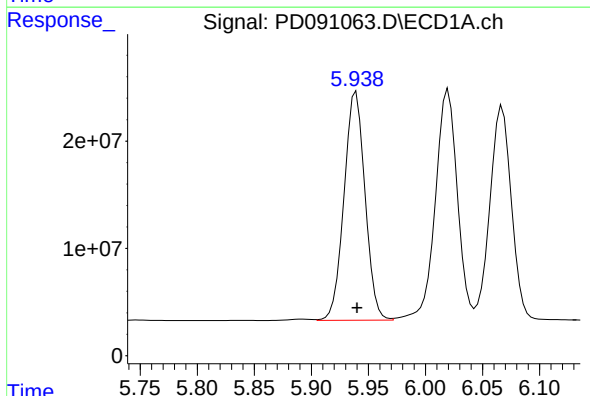
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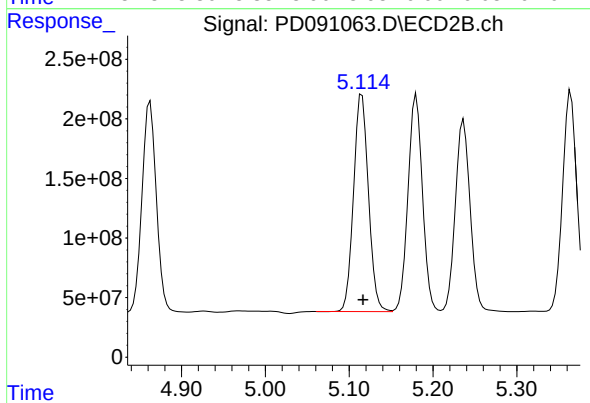
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1980038391
Conc: 50.27 ng/ml



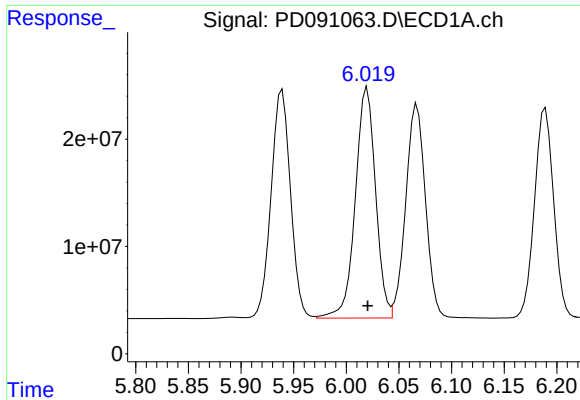
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 272939546
Conc: 46.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2258078395
Conc: 50.24 ng/ml



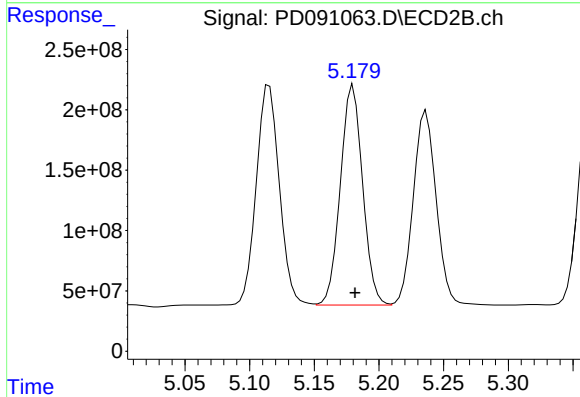
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 287609186
Conc: 46.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

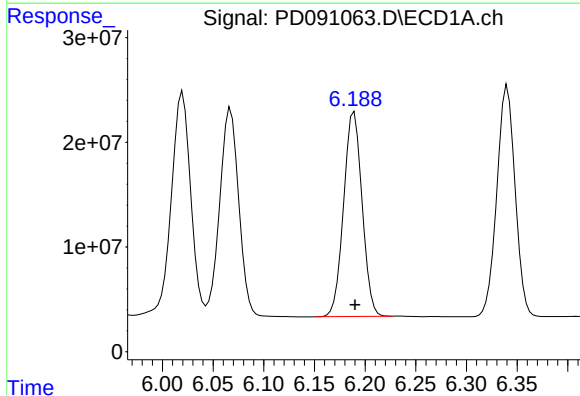
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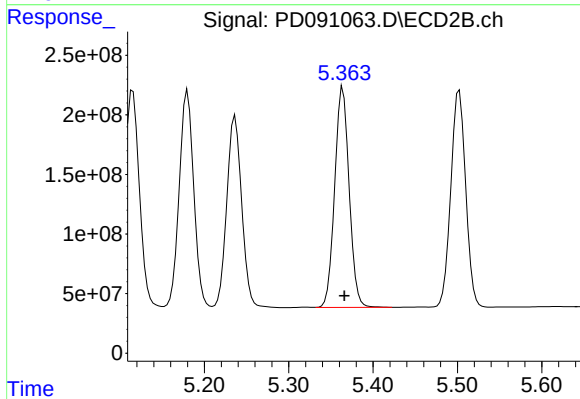
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 2176325450
Conc: 50.45 ng/ml



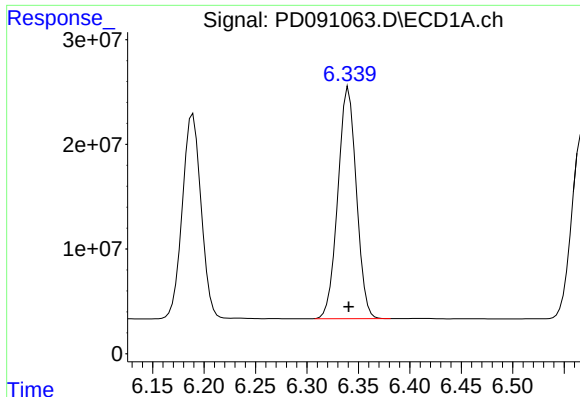
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 247160268
Conc: 46.40 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2203167394
Conc: 50.26 ng/ml



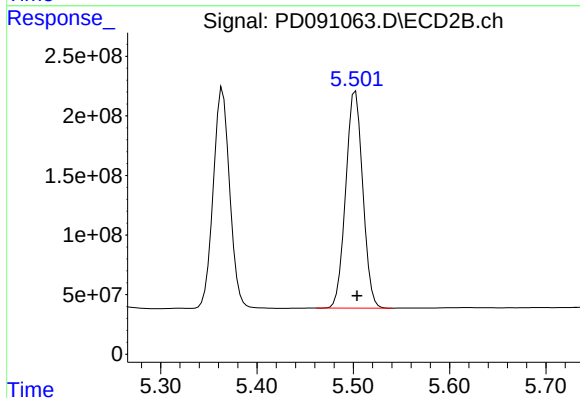
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 276443741
Conc: 47.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

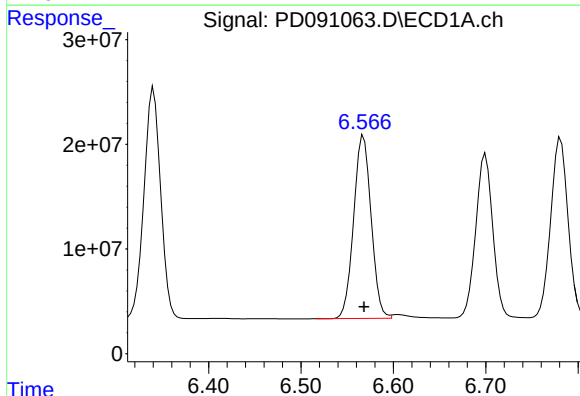
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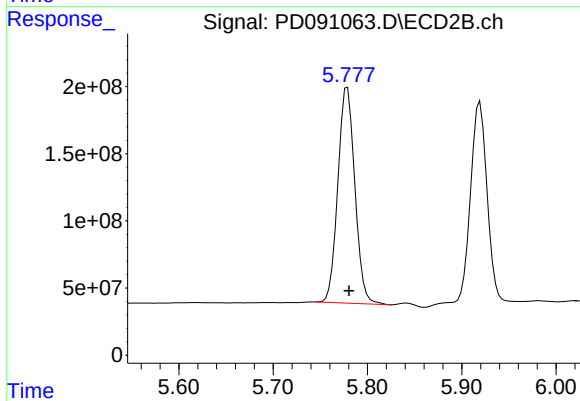
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 2227885232
Conc: 50.42 ng/ml



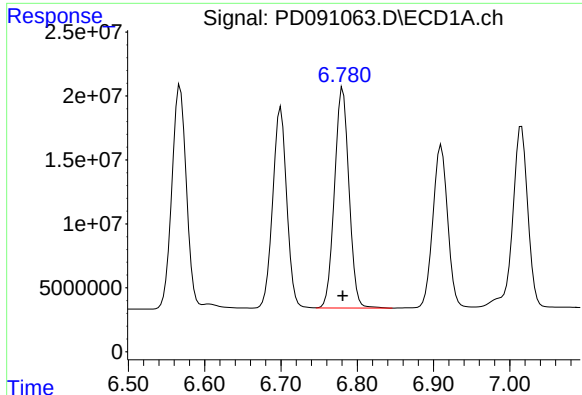
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 229772705
Conc: 46.38 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 2014499634
Conc: 49.75 ng/ml



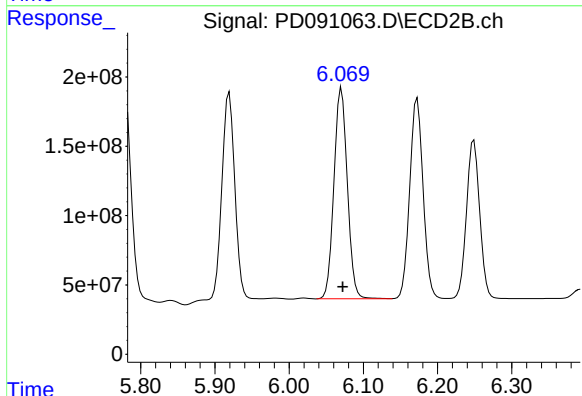
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 226704234
Conc: 45.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

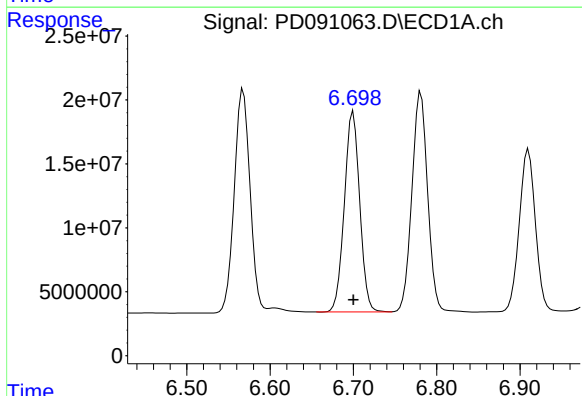
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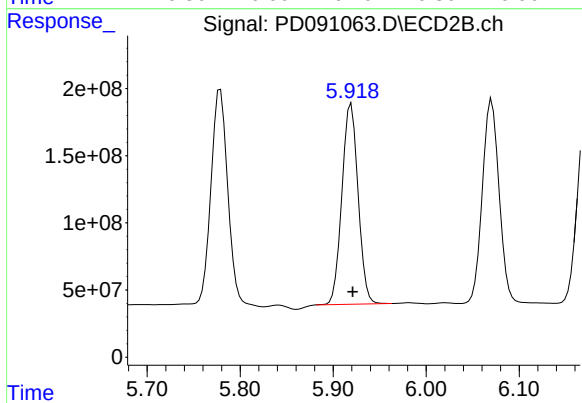
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 1912024794
Conc: 50.91 ng/ml



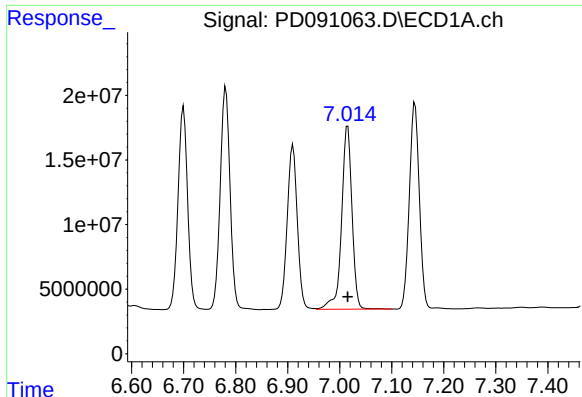
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 200626219
Conc: 49.49 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.001 min
Response: 1802388370
Conc: 49.46 ng/ml



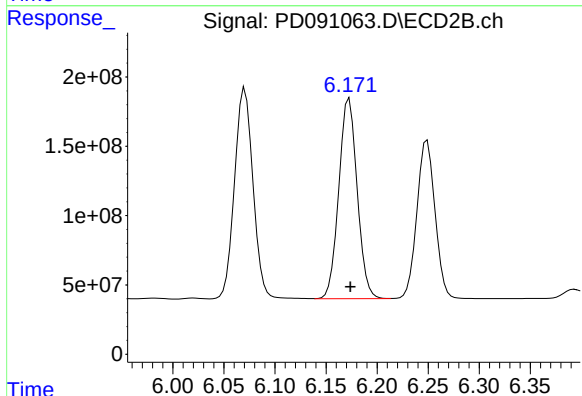
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 197920999
Conc: 48.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

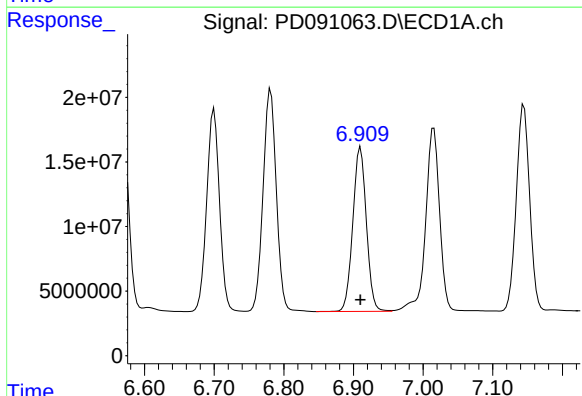
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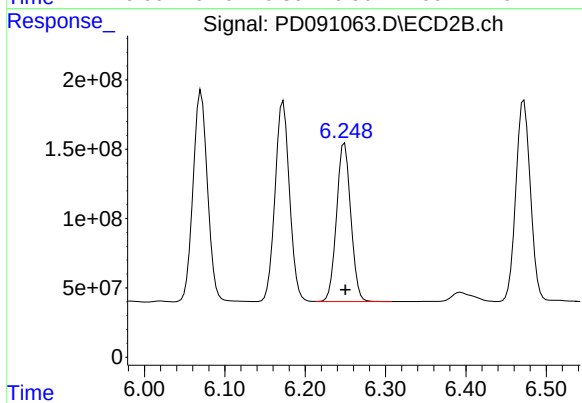
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1813107169
Conc: 51.70 ng/ml



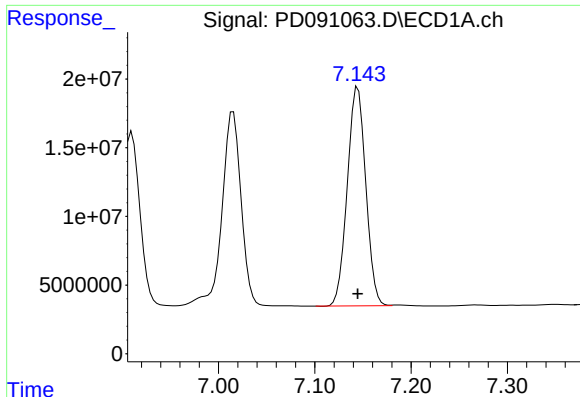
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 172092825
Conc: 46.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1411734713
Conc: 50.98 ng/ml



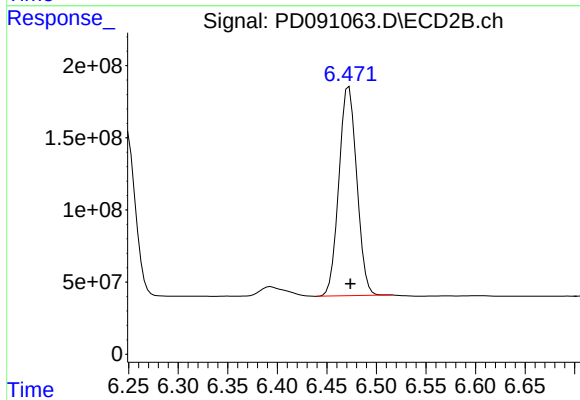
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 211945722
Conc: 45.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

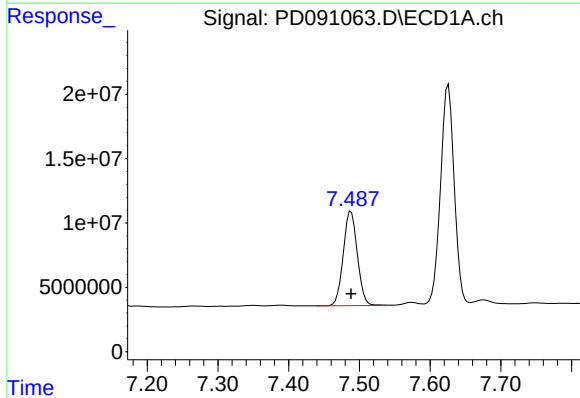
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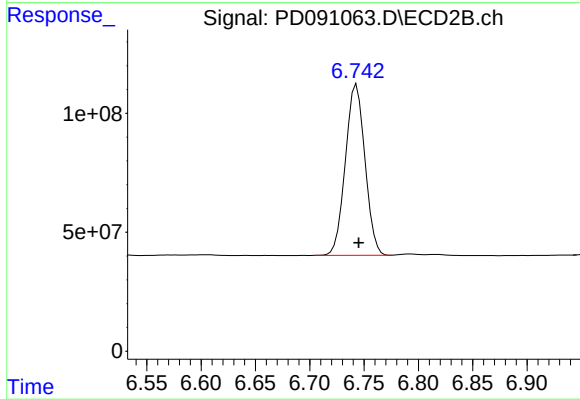
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 1821824315
Conc: 50.83 ng/ml



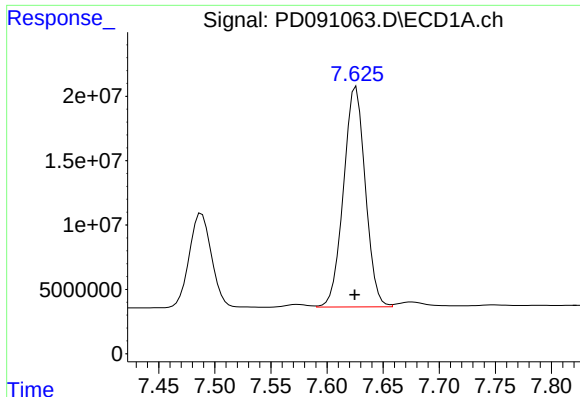
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 101244888
Conc: 47.63 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 902088777
Conc: 51.76 ng/ml



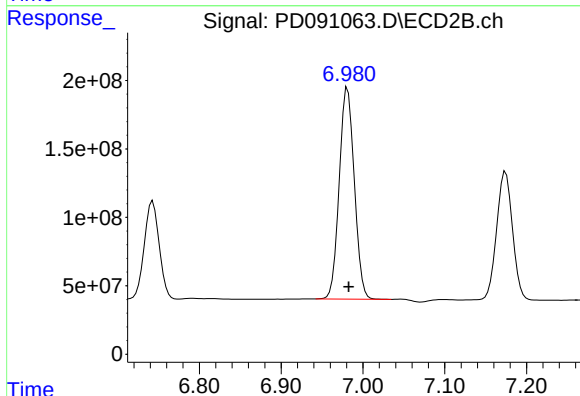
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.001 min
Response: 231163622
Conc: 47.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

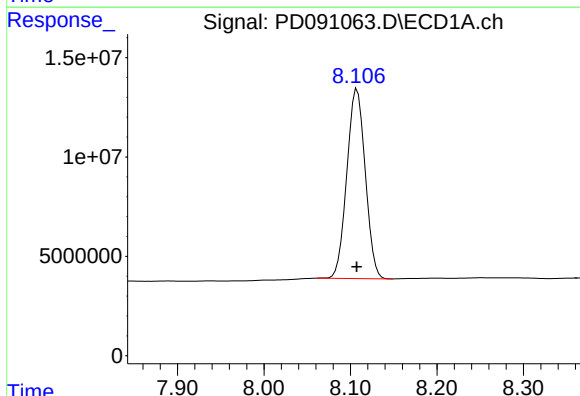
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/12/2025
Supervised By :Yogesh Patel 11/12/2025



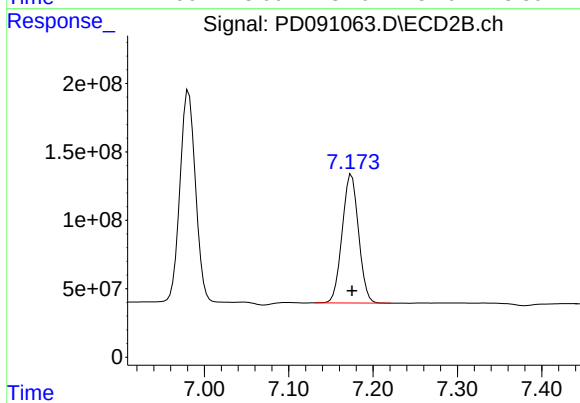
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.001 min
Response: 1972741499
Conc: 52.30 ng/ml



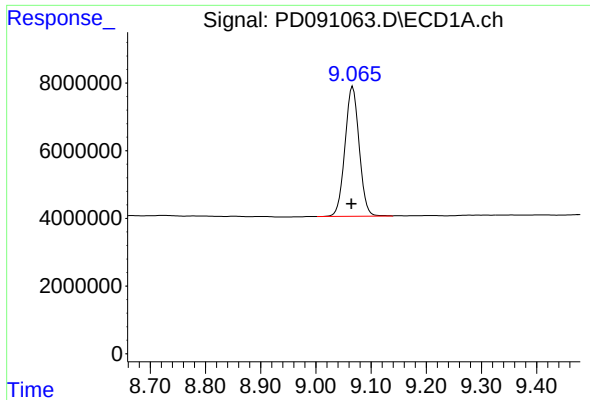
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 140620821
Conc: 43.93 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 1269055246
Conc: 49.40 ng/ml



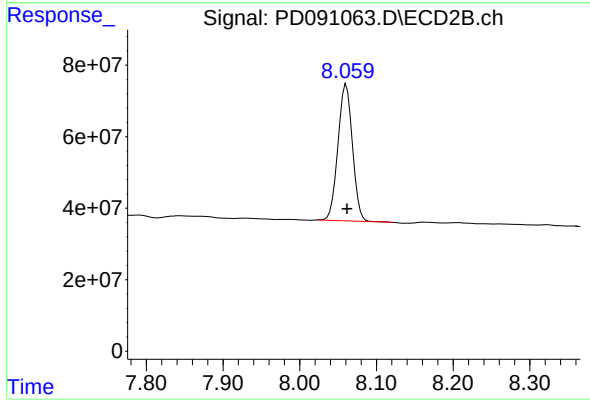
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 68584554
Conc: 14.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MSD

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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 502949131
Conc: 16.60 ng/ml