

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111125\
 Data File : PD091062.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2025 14:22
 Operator : AR\AJ
 Sample : Q3586-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SED-3MS

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 00:20:19 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	44637773	506.6E6	14.334m	17.013
2)	SA Decachlor...	9.065	8.060	67920105	498.0E6	14.519	16.441
Target Compounds							
2)	A alpha-BHC	3.993	3.386	340.8E6	2611.5E6	47.486	51.110
3)	MA gamma-BHC...	4.324	3.722	317.9E6	2380.3E6	46.753	50.378
4)	MA Heptachlor	4.922	4.073	318.4E6	2365.8E6	56.972	53.041
5)	MB Aldrin	5.263	4.359	306.5E6	2321.9E6	46.819	50.128
6)	B beta-BHC	4.512	4.018	123.5E6	1019.7E6	47.146	51.424
7)	B delta-BHC	4.760	4.254	323.9E6	2395.2E6	47.899	50.196
8)	B Heptachlo...	5.684	4.862	270.1E6	2141.2E6	46.654	50.216
9)	A Endosulfan I	6.068	5.237	255.5E6	1956.5E6	46.154	49.670
10)	B gamma-Chl...	5.940	5.115	266.6E6	2234.0E6	44.948	49.700
11)	B alpha-Chl...	6.020	5.180	281.2E6	2148.3E6	45.494	49.801
12)	B 4,4'-DDE	6.190	5.364	242.9E6	2177.8E6	45.605	49.678
13)	MA Dieldrin	6.340	5.503	271.8E6	2203.3E6	46.604	49.868
14)	MA Endrin	6.566	5.779	226.5E6	2001.9E6	45.726m	49.436
15)	B Endosulfa...	6.781	6.071	223.1E6	1889.8E6	44.618	50.321
16)	A 4,4'-DDD	6.700	5.919	196.7E6	1780.5E6	48.524	48.865
17)	MA 4,4'-DDT	7.016	6.173	194.6E6	1799.6E6	47.343	51.310
18)	B Endrin al...	6.910	6.249	169.8E6	1395.4E6	46.354	50.389
19)	B Endosulfa...	7.145	6.472	208.7E6	1794.2E6	44.987	50.056
20)	A Methoxychlor	7.488	6.744	99869222	891.4E6	46.984	51.150
21)	B Endrin ke...	7.626	6.982	227.4E6	1930.7E6	46.797	51.188
22)	Mirex	8.108	7.175	138.6E6	1249.1E6	43.289	48.622

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

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Acq On : 11 Nov 2025 14:22
Operator : AR\AJ
Sample : Q3586-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

SED-3MS

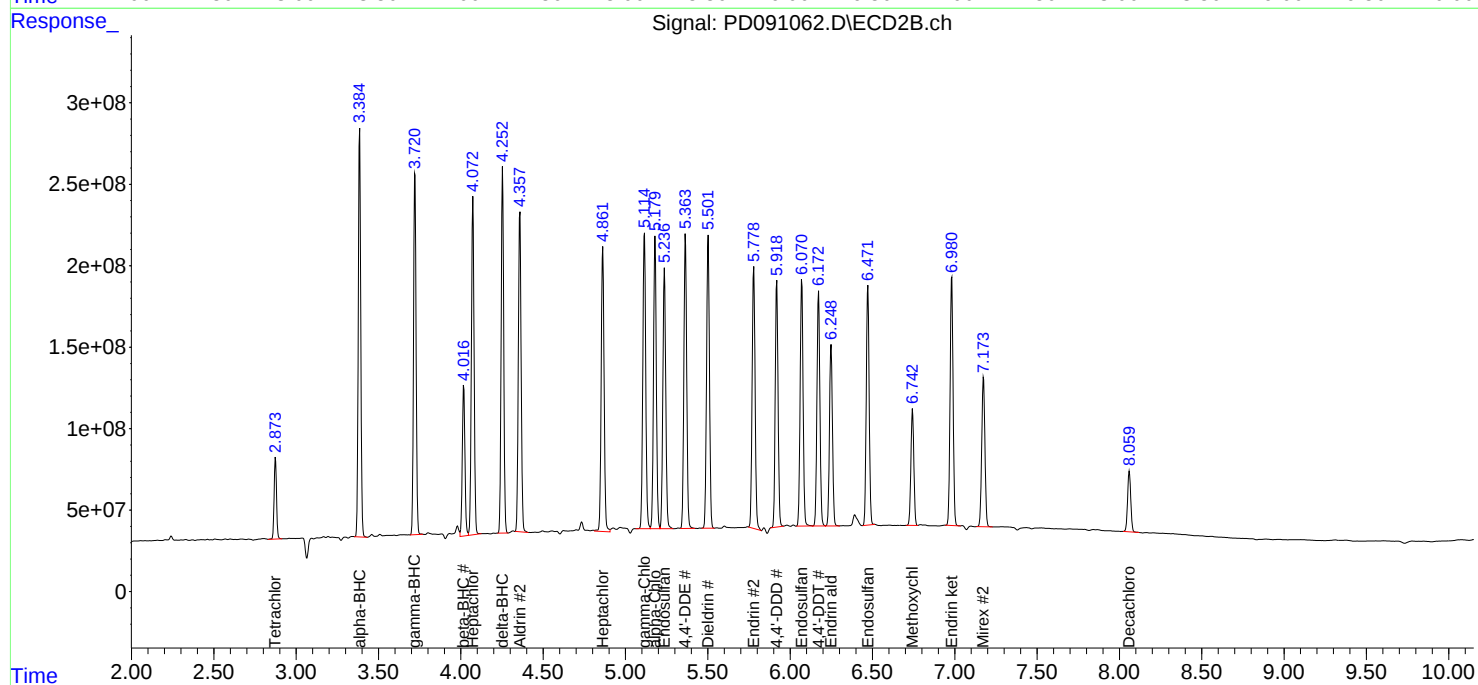
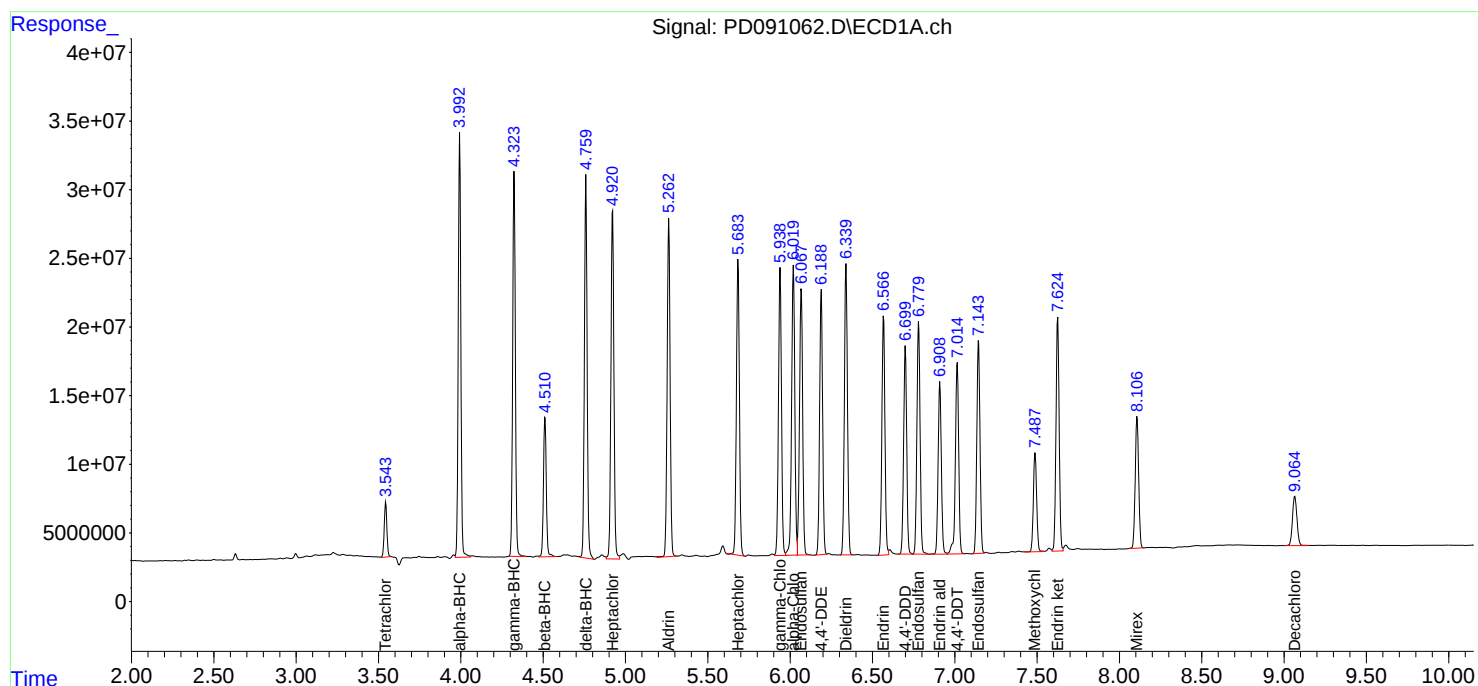
Manual Integrations

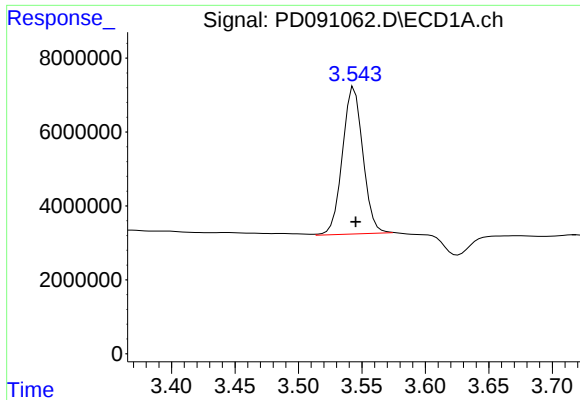
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Supervised By :Yogesh Patel 11/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 00:20:19 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
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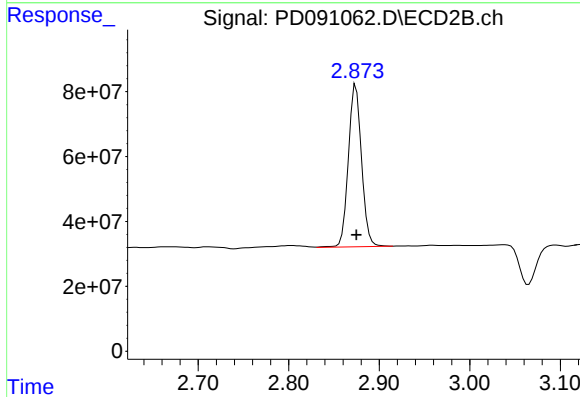
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 44637773
Conc: 14.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

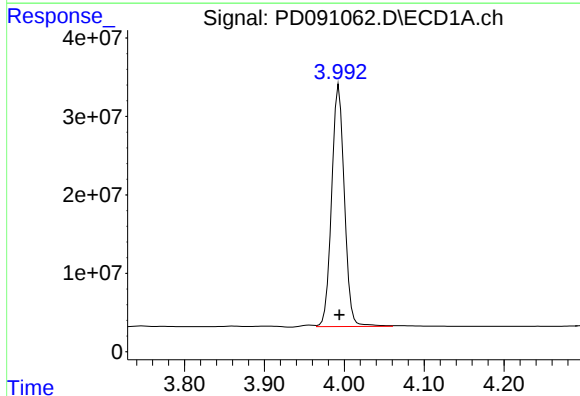
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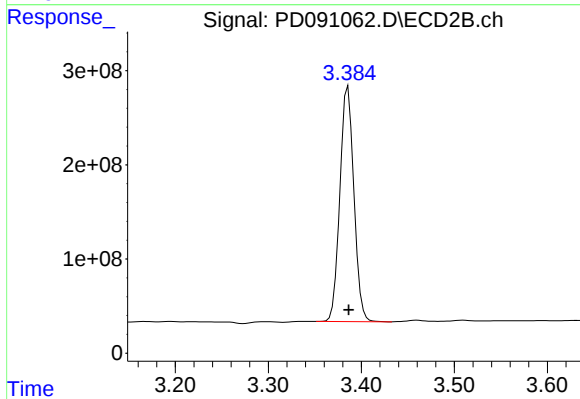
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 506593735
Conc: 17.01 ng/ml



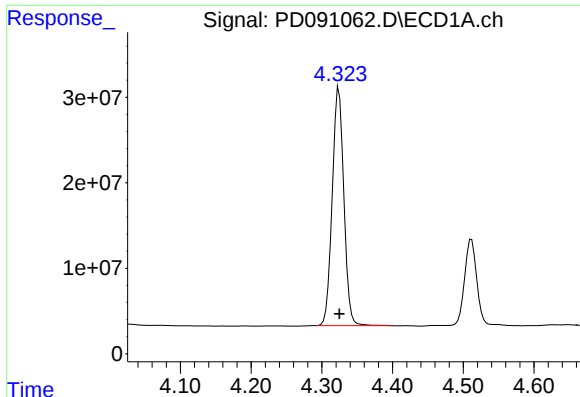
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 340810564
Conc: 47.49 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2611482428
Conc: 51.11 ng/ml



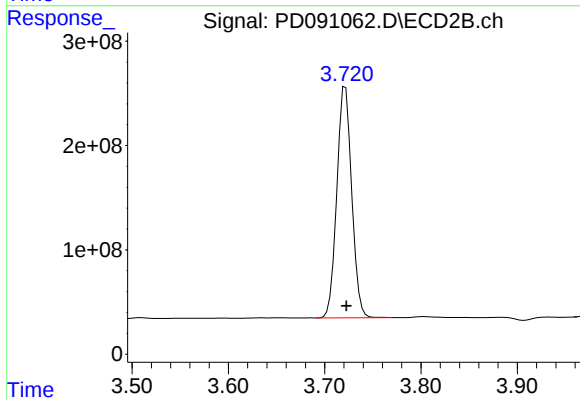
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 317865353
Conc: 46.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

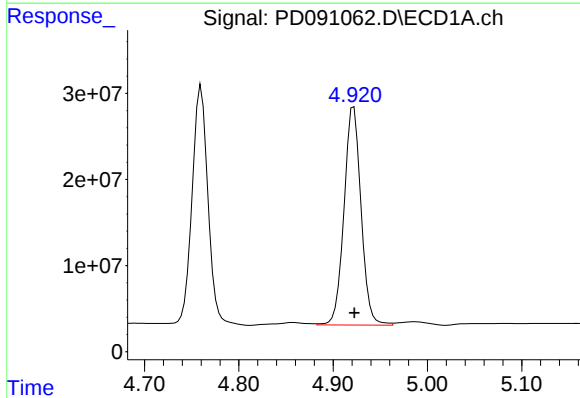
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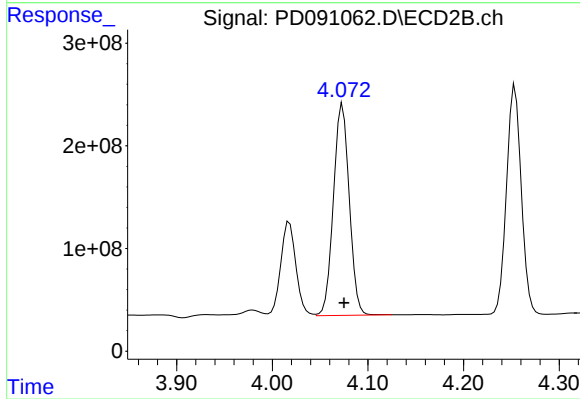
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2380281752
Conc: 50.38 ng/ml



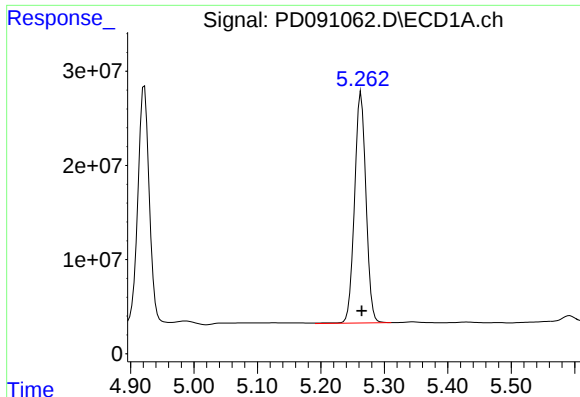
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 318449299
Conc: 56.97 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.001 min
Response: 2365783369
Conc: 53.04 ng/ml



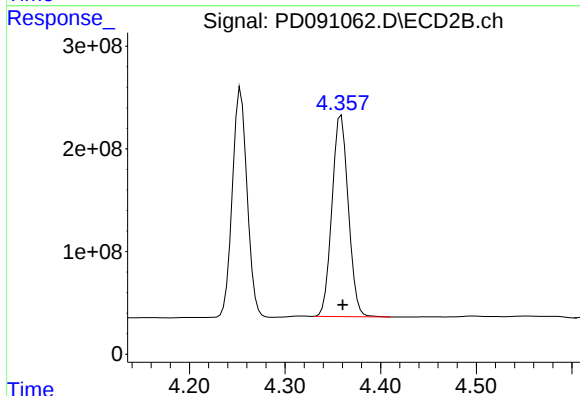
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 306535019
Conc: 46.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

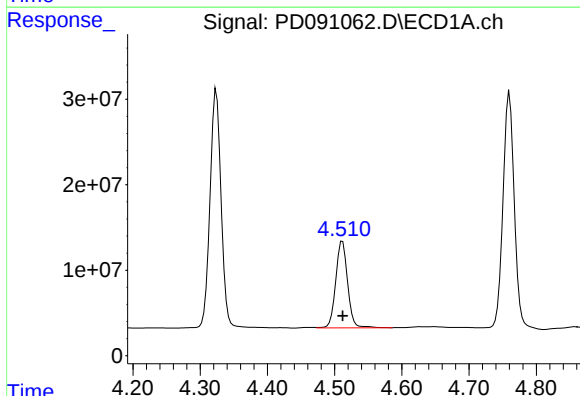
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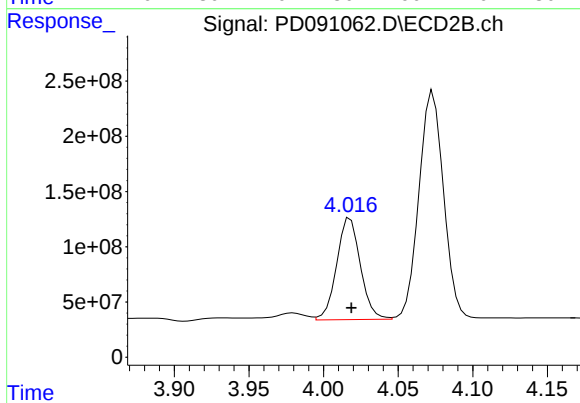
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2321891547
Conc: 50.13 ng/ml



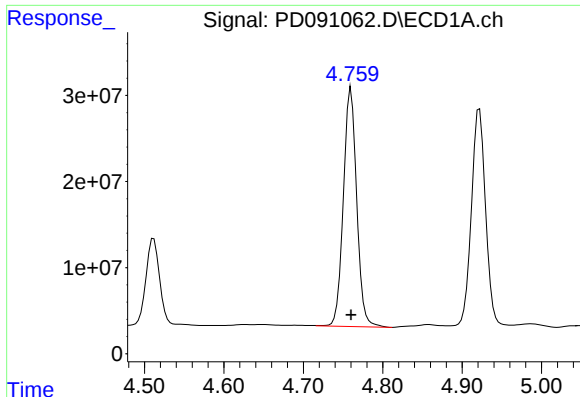
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 123506296
Conc: 47.15 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 1019708107
Conc: 51.42 ng/ml



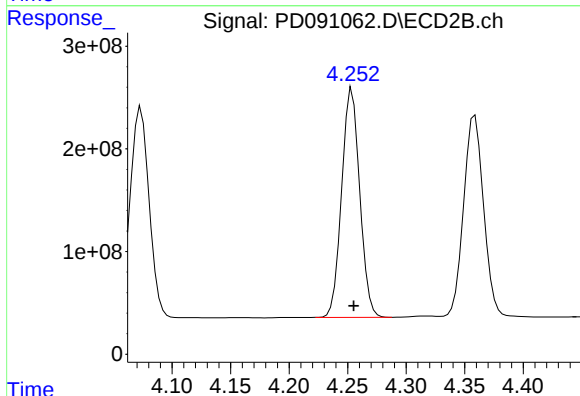
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 323878288
Conc: 47.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

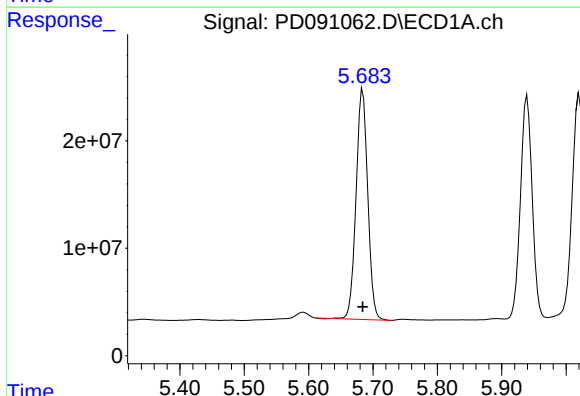
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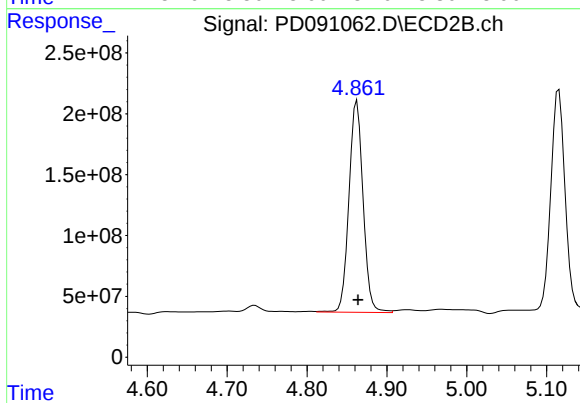
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2395183625
Conc: 50.20 ng/ml



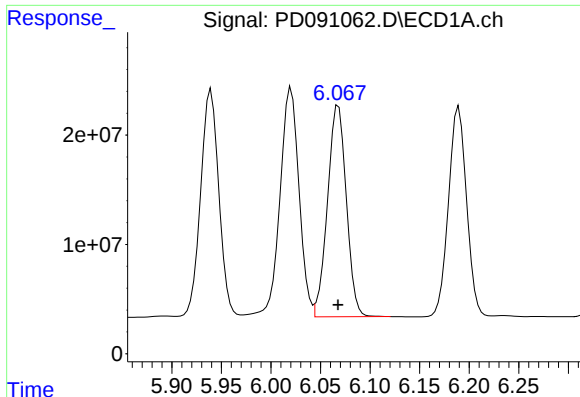
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 270082956
Conc: 46.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2141156021
Conc: 50.22 ng/ml



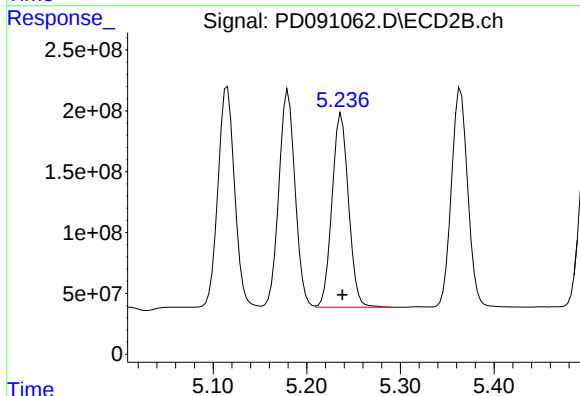
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 255537801
Conc: 46.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

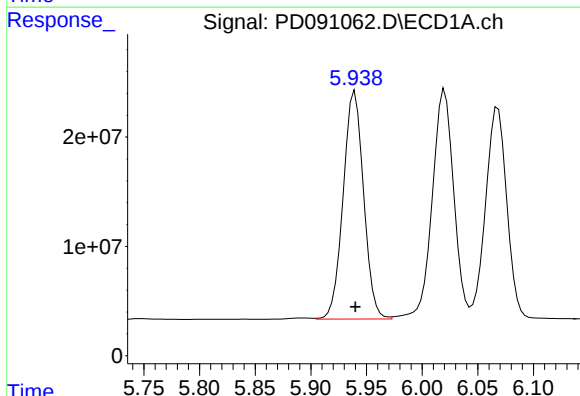
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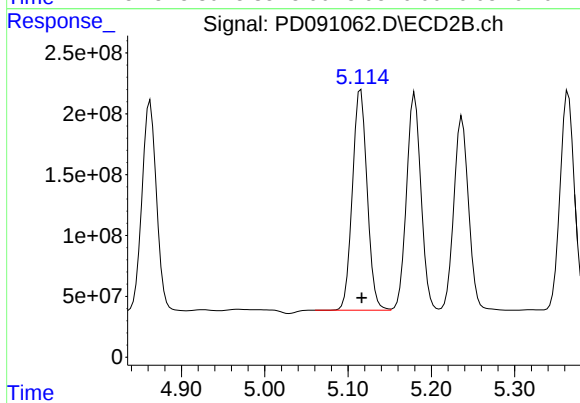
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.001 min
Response: 1956506601
Conc: 49.67 ng/ml



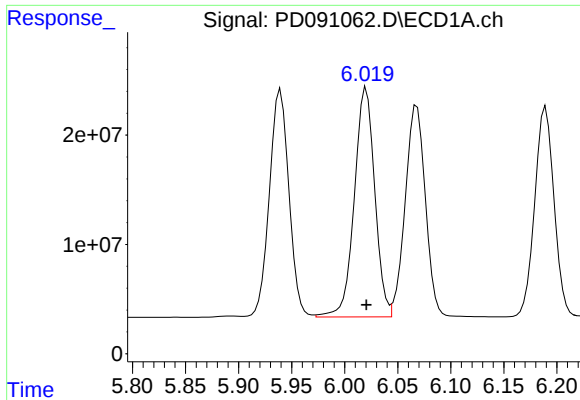
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 266594455
Conc: 44.95 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 2233962793
Conc: 49.70 ng/ml



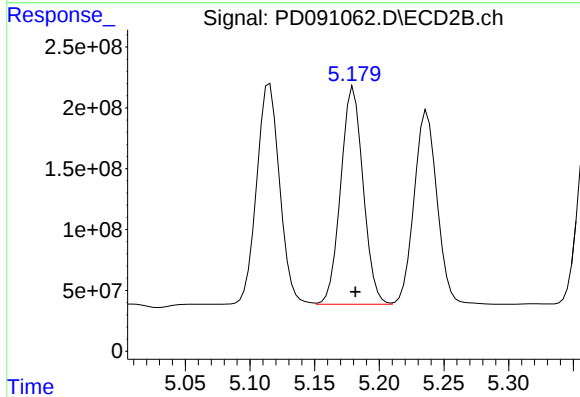
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 281163956
Conc: 45.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

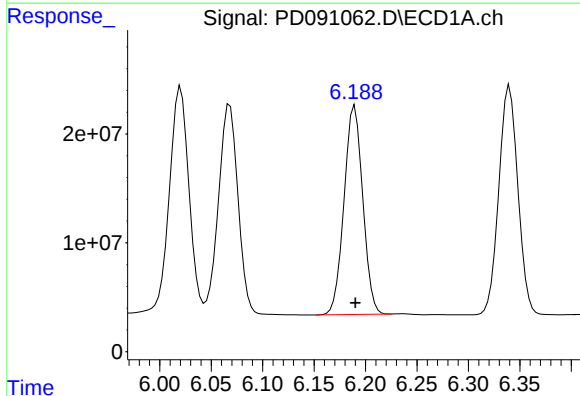
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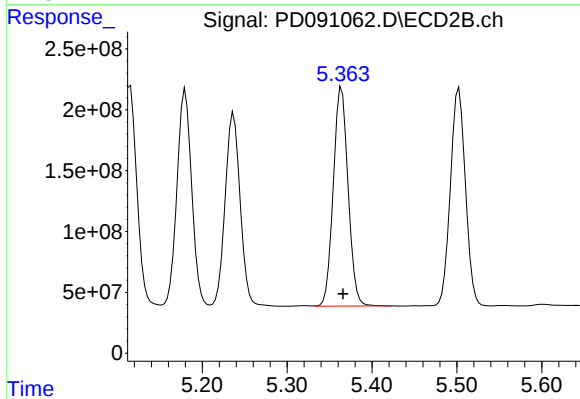
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 2148297969
Conc: 49.80 ng/ml



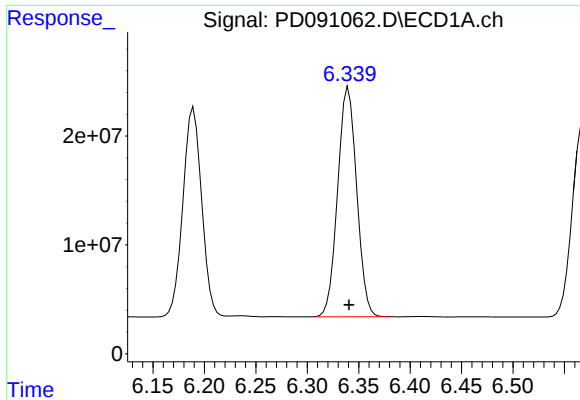
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 242923379
Conc: 45.61 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2177812172
Conc: 49.68 ng/ml



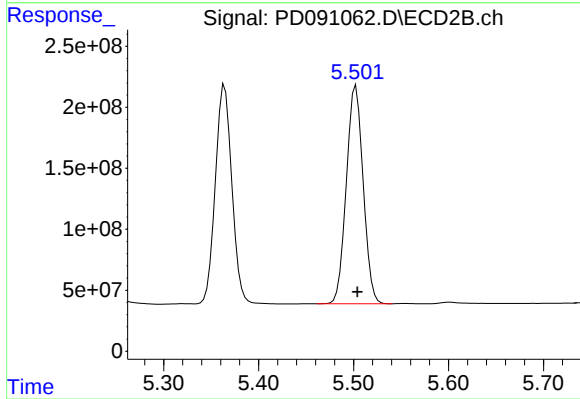
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 271762617
Conc: 46.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

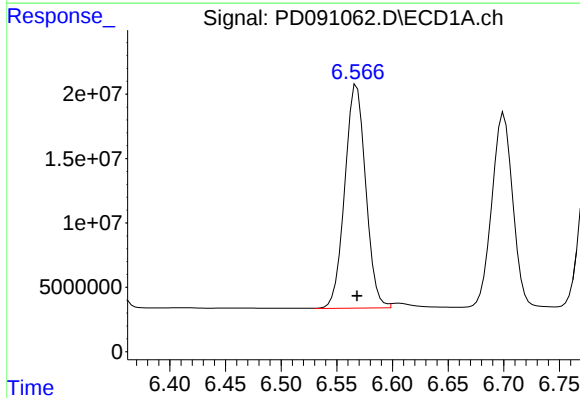
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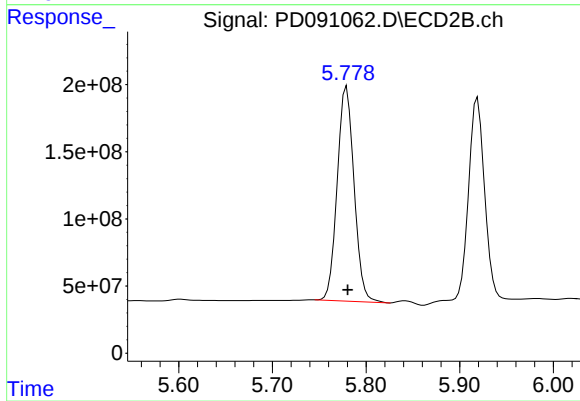
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 2203347424
Conc: 49.87 ng/ml



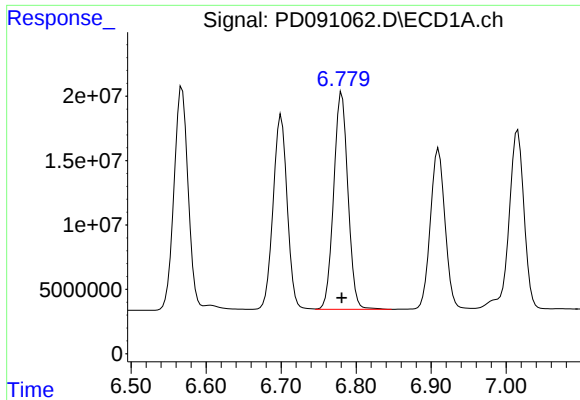
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 226514292
Conc: 45.73 ng/ml m



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 2001851070
Conc: 49.44 ng/ml



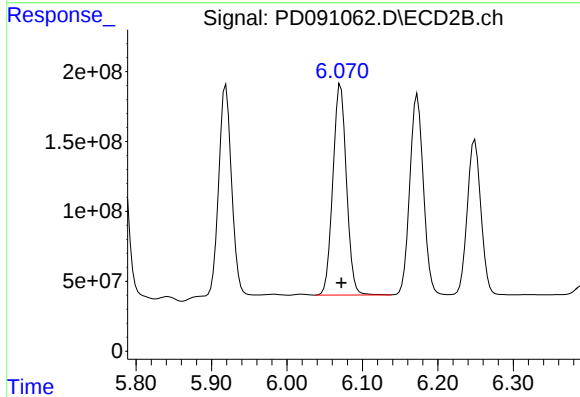
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 223090049
Conc: 44.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

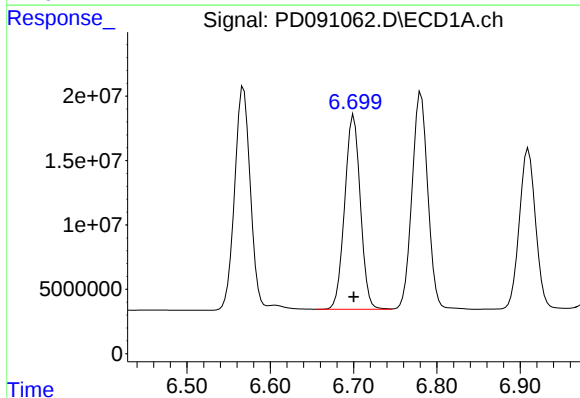
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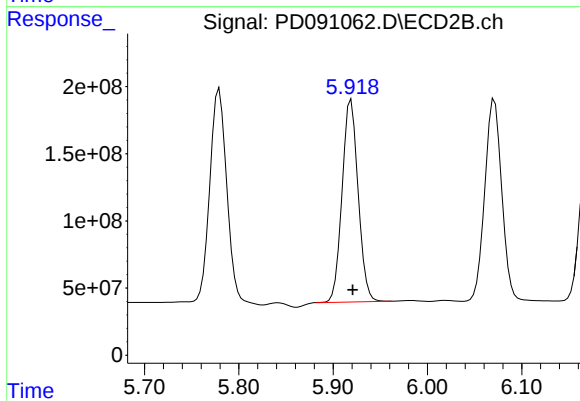
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 1889835144
Conc: 50.32 ng/ml



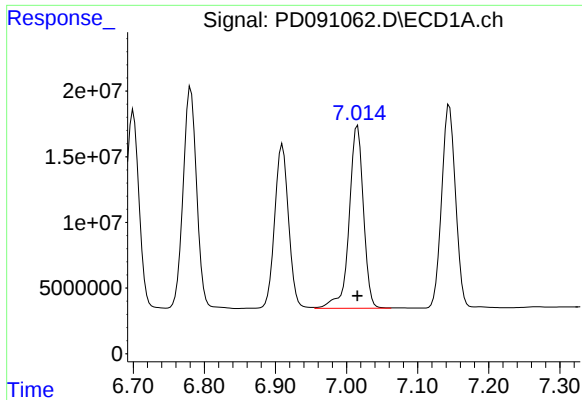
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 196726121
Conc: 48.52 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1780531715
Conc: 48.86 ng/ml



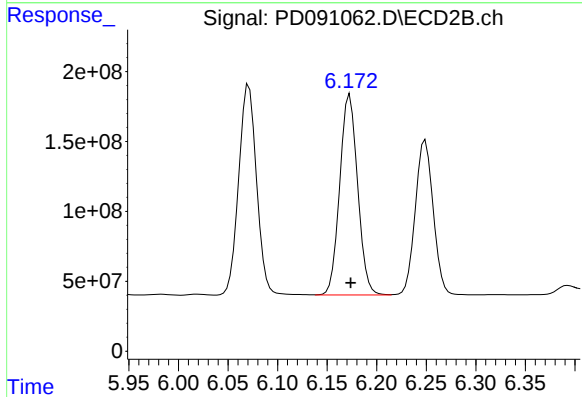
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 194601546
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

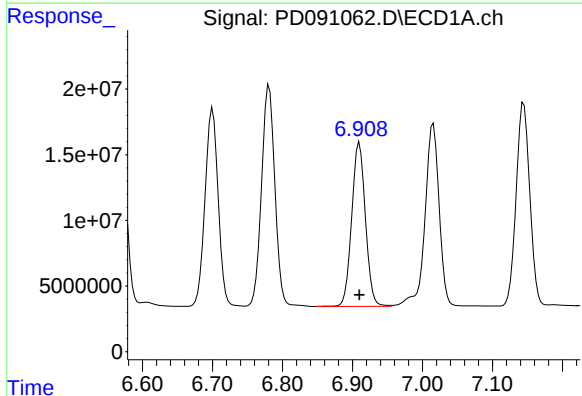
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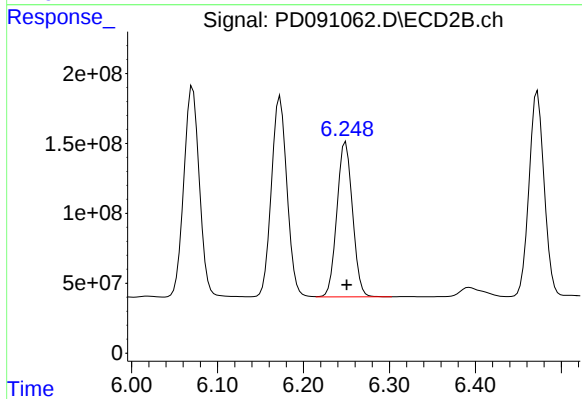
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1799595280
Conc: 51.31 ng/ml



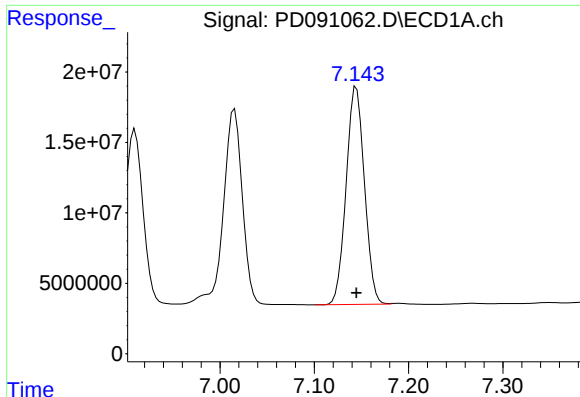
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 169781105
Conc: 46.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.001 min
Response: 1395416708
Conc: 50.39 ng/ml



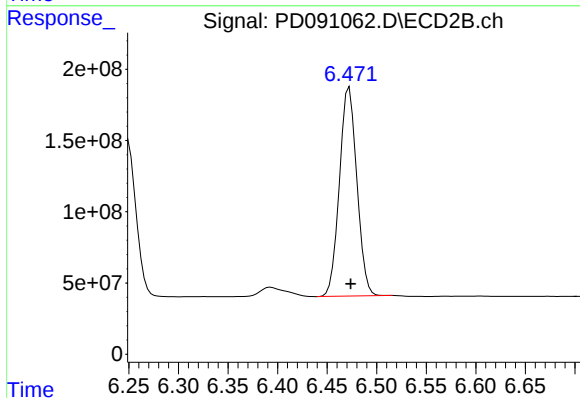
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 208660428
Conc: 44.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

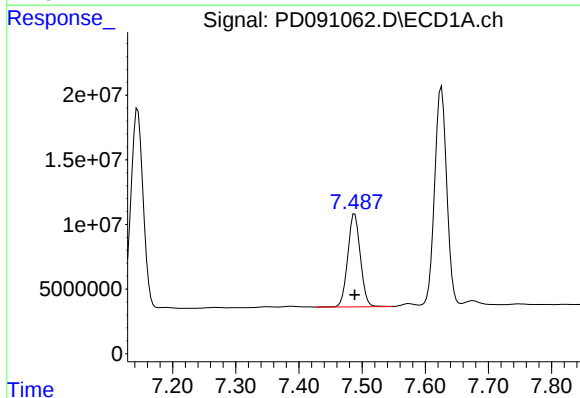
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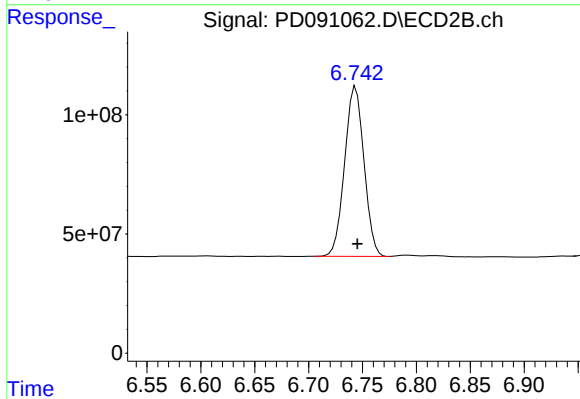
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.001 min
Response: 1794246004
Conc: 50.06 ng/ml



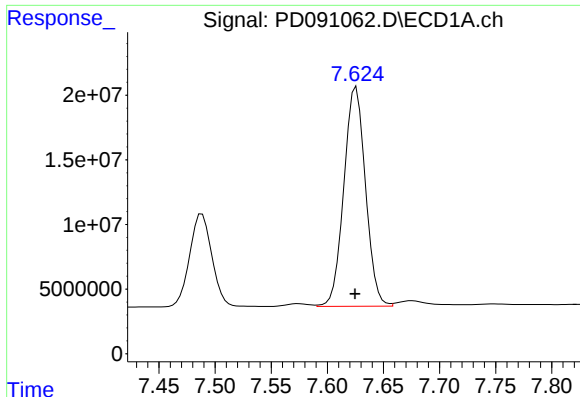
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 99869222
Conc: 46.98 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 891428043
Conc: 51.15 ng/ml



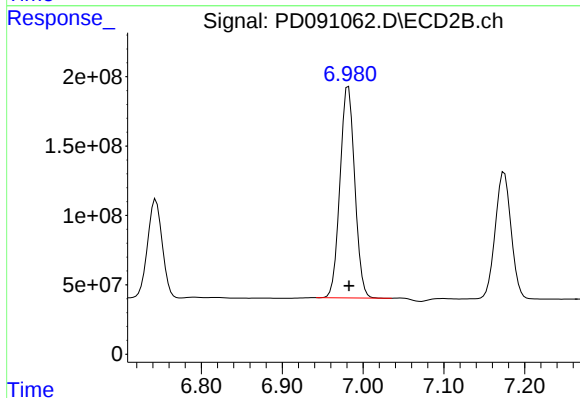
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 227380121
Conc: 46.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

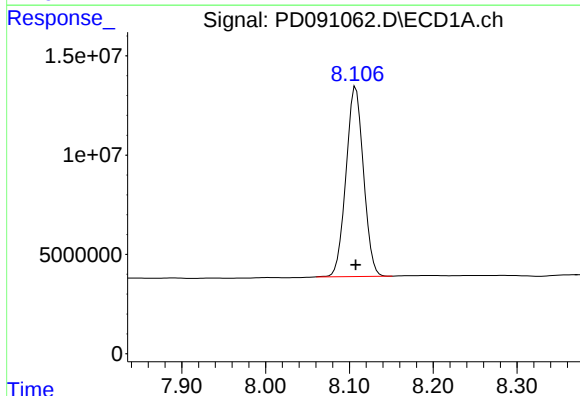
Manual Integrations
APPROVED

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



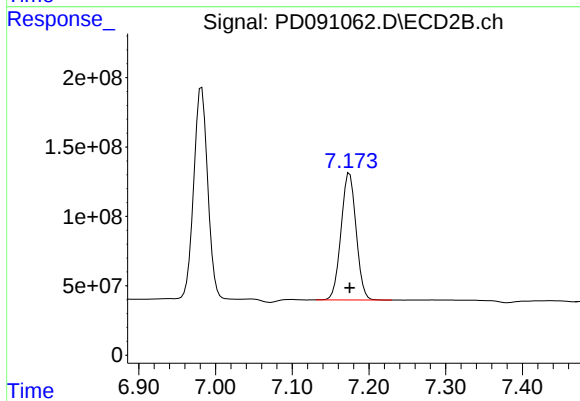
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 1930694375
Conc: 51.19 ng/ml



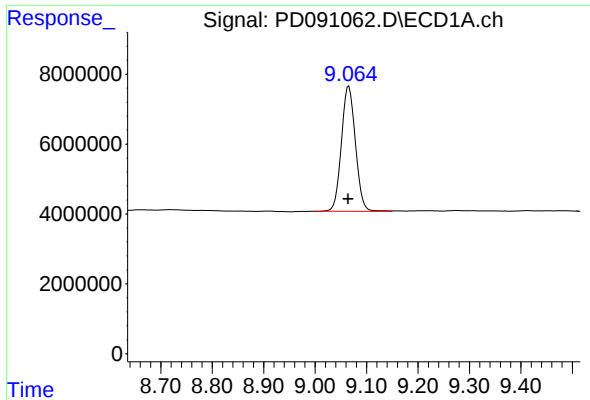
#22 Mirex

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 138561241
Conc: 43.29 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 1249149912
Conc: 48.62 ng/ml



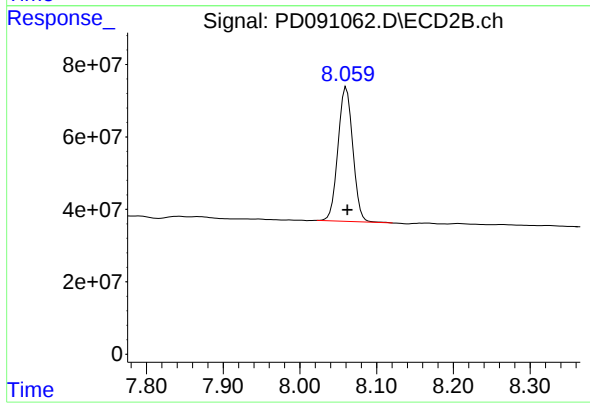
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 67920105
Conc: 14.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-3MS

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 11/12/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.001 min
Response: 498015184
Conc: 16.44 ng/ml