

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090994.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 14:32
 Operator : AR\AJ
 Sample : PB170426BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170426BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 00:26:49 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	2.873	76057367	768.3E6	24.423	25.803
28)	SA Decachlor...	9.063	8.059	115.6E6	853.0E6	24.703	28.159
Target Compounds							
2)	A alpha-BHC	3.993	3.385	321.8E6	2337.1E6	44.834	45.739
3)	MA gamma-BHC...	4.323	3.721	301.8E6	2160.8E6	44.397	45.732
4)	MA Heptachlor	4.921	4.073	305.8E6	2139.2E6	54.715	47.961
5)	MB Aldrin	5.262	4.358	293.8E6	2120.8E6	44.873	45.786
6)	B beta-BHC	4.510	4.017	113.8E6	893.7E6	43.454	45.069
7)	B delta-BHC	4.758	4.253	305.2E6	2168.2E6	45.140	45.440
8)	B Heptachlo...	5.682	4.861	270.3E6	1903.8E6	46.699	44.650
9)	A Endosulfan I	6.066	5.235	249.8E6	1660.6E6	45.110	42.159
10)	B gamma-Chl...	5.938	5.114	263.9E6	2038.2E6	44.492	45.344
11)	B alpha-Chl...	6.018	5.179	274.9E6	1951.8E6	44.473	45.245
12)	B 4,4'-DDE	6.188	5.361	231.5E6	1990.7E6	43.463	45.410m
13)	MA Dieldrin	6.339	5.501	263.6E6	2037.0E6	45.195	46.104
14)	MA Endrin	6.566	5.777	222.4E6	1974.2E6	44.894	48.752
15)	B Endosulfa...	6.778	6.069	240.5E6	1752.1E6	48.099	46.654
16)	A 4,4'-DDD	6.698	5.917	195.5E6	1726.3E6	48.216	47.376
17)	MA 4,4'-DDT	7.014	6.171	200.9E6	1709.9E6	48.886	48.754
18)	B Endrin al...	6.906	6.247	168.5E6	1339.1E6	46.015m	48.354
19)	B Endosulfa...	7.142	6.470	211.2E6	1693.0E6	45.543	47.232
20)	A Methoxychlor	7.487	6.741	122.0E6	864.8E6	57.397	49.624
21)	B Endrin ke...	7.623	6.978	230.2E6	2108.7E6	47.367	55.907m
22)	Mirex	8.106	7.172	147.7E6	1221.8E6	46.144	47.559

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 14:32
Operator : AR\AJ
Sample : PB170426BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170426BS

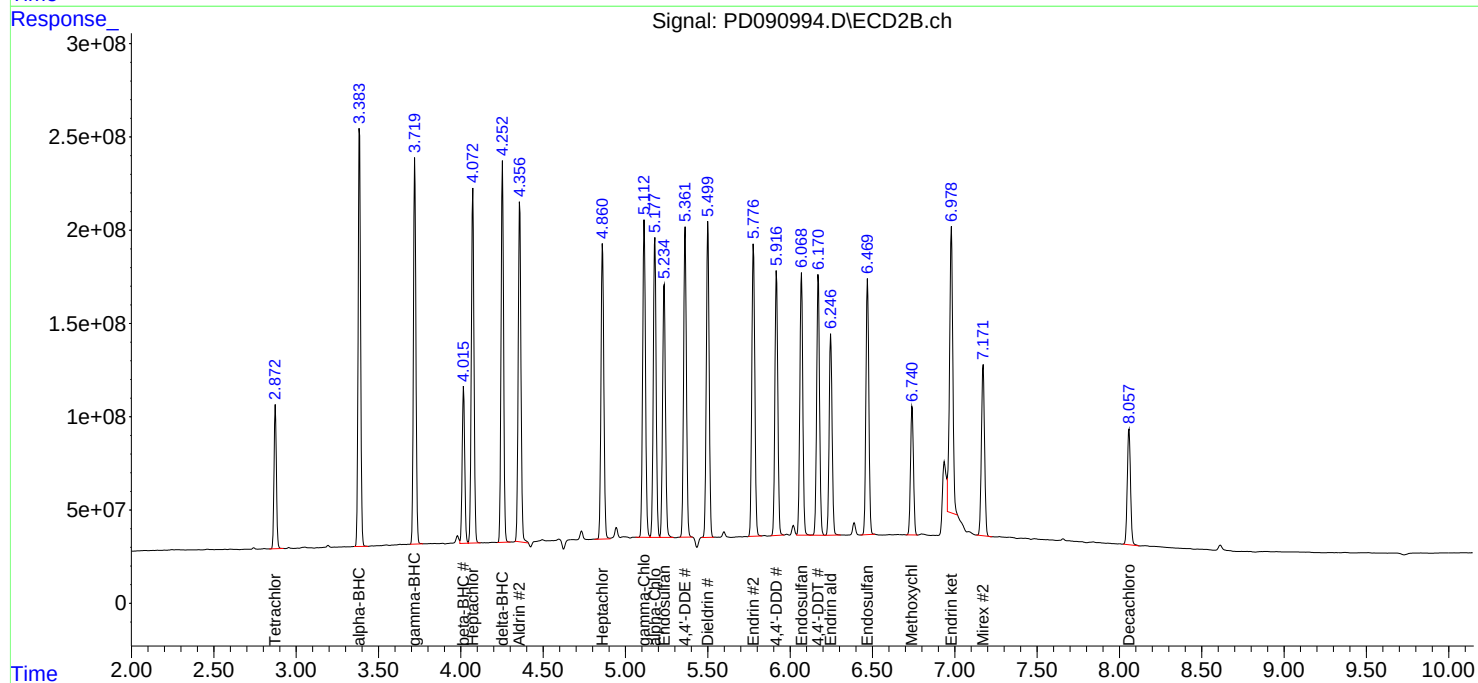
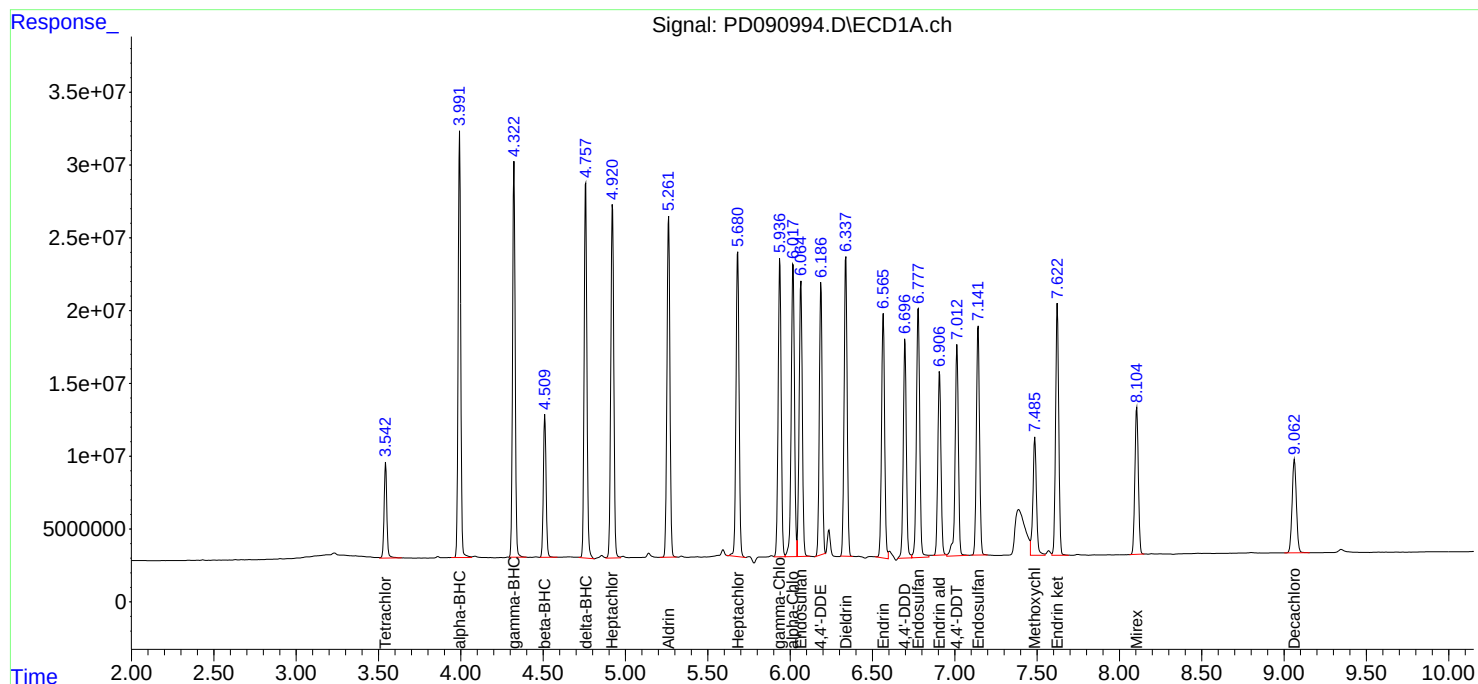
Manual Integrations

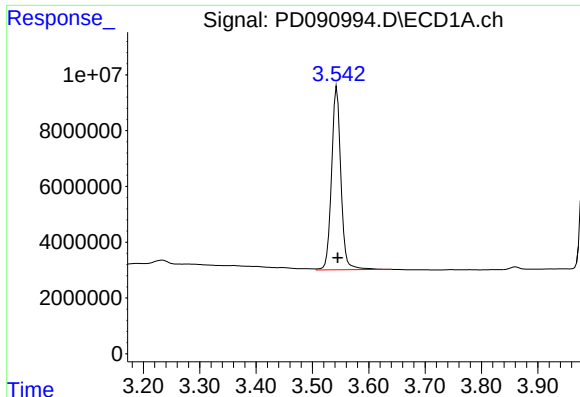
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Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:49 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
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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: 76057367
Conc: 24.42 ng/ml

Instrument :

ECD_D

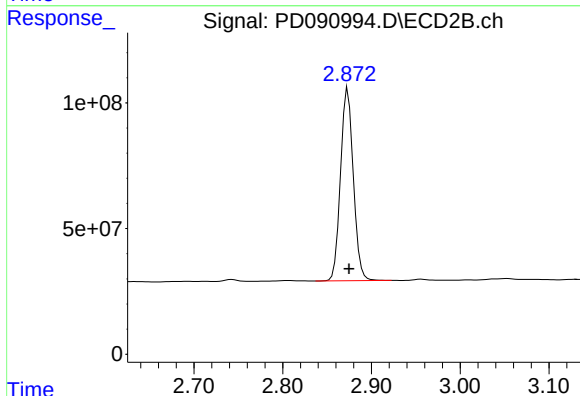
ClientSampleId :

PB170426BS

Manual Integrations

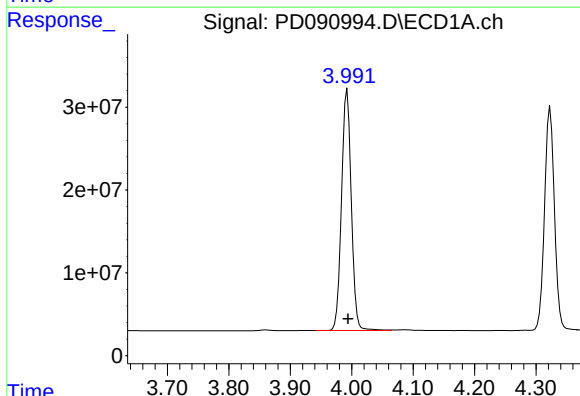
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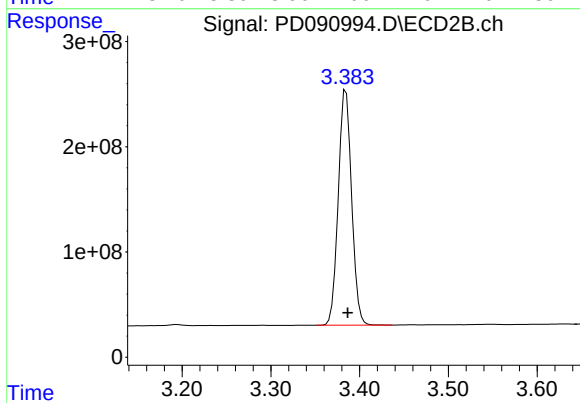
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 768334079
Conc: 25.80 ng/ml



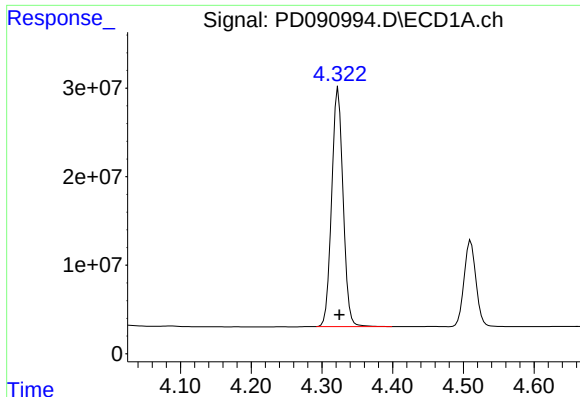
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 321780687
Conc: 44.83 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2337088896
Conc: 45.74 ng/ml



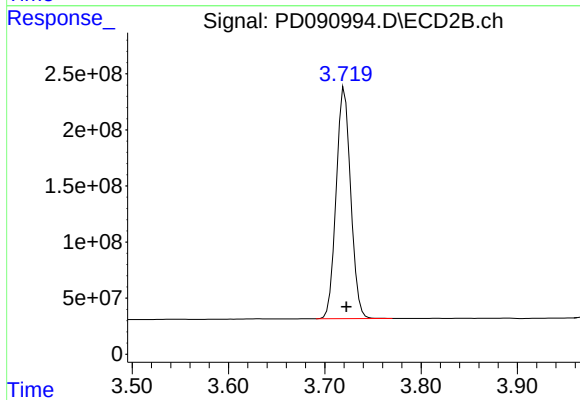
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 301844694
Conc: 44.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

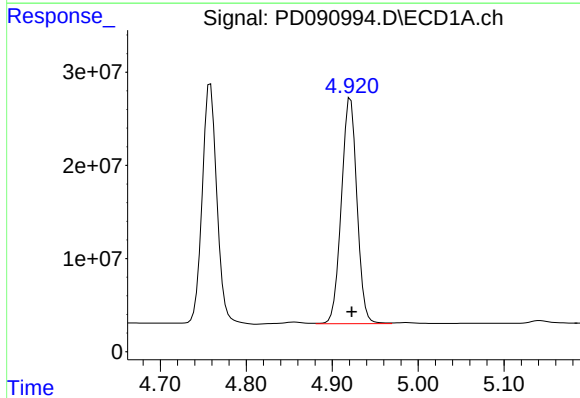
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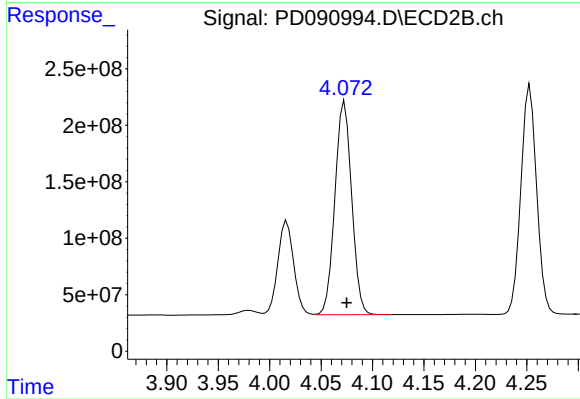
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2160779792
Conc: 45.73 ng/ml



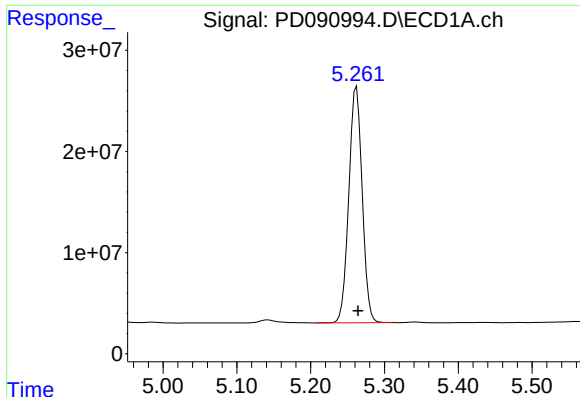
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.001 min
Response: 305831346
Conc: 54.71 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2139190284
Conc: 47.96 ng/ml



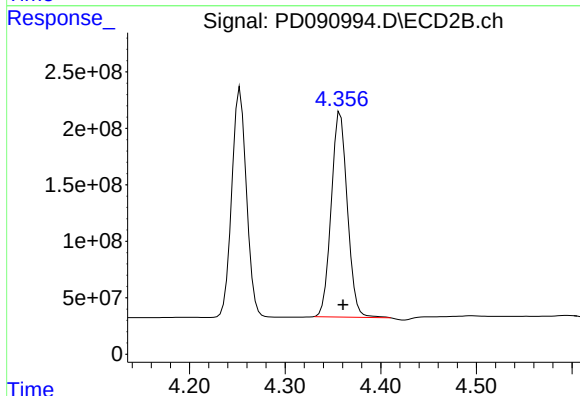
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 293795601
Conc: 44.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

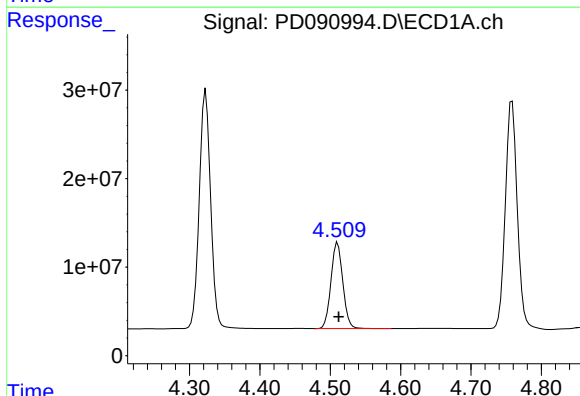
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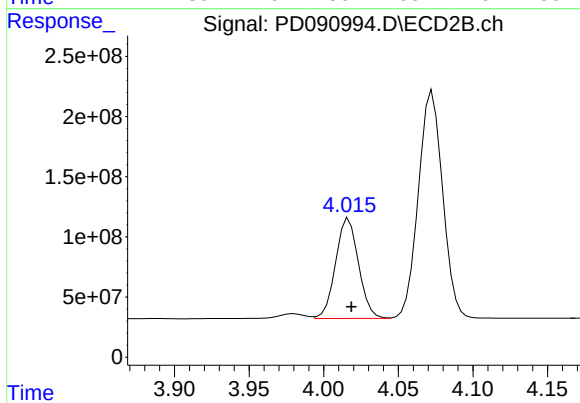
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 2120759712
Conc: 45.79 ng/ml



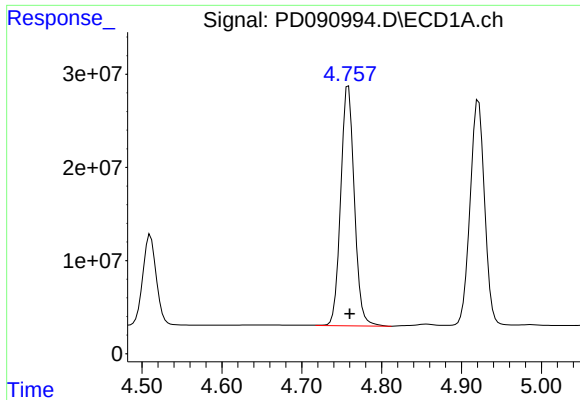
#6 beta-BHC

R.T.: 4.510 min
Delta R.T.: -0.002 min
Response: 113834603
Conc: 43.45 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 893690624
Conc: 45.07 ng/ml



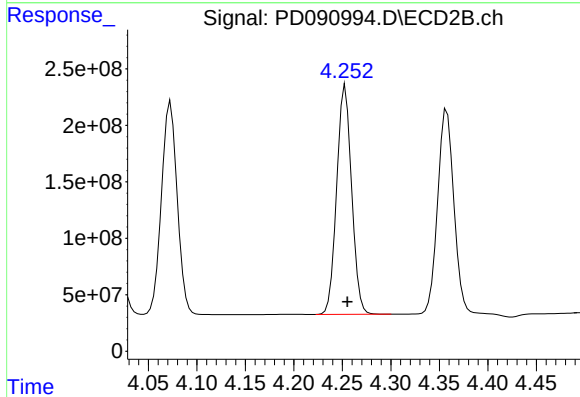
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 305221559
Conc: 45.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

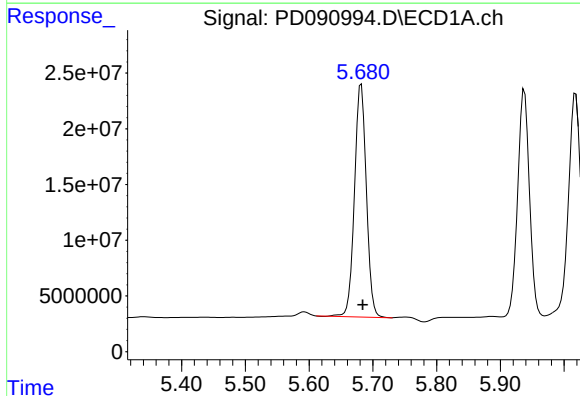
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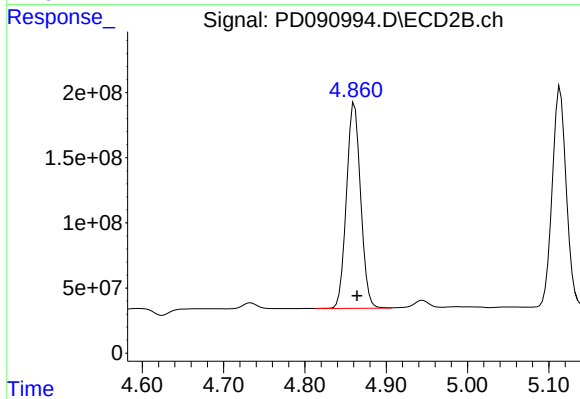
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2168245838
Conc: 45.44 ng/ml



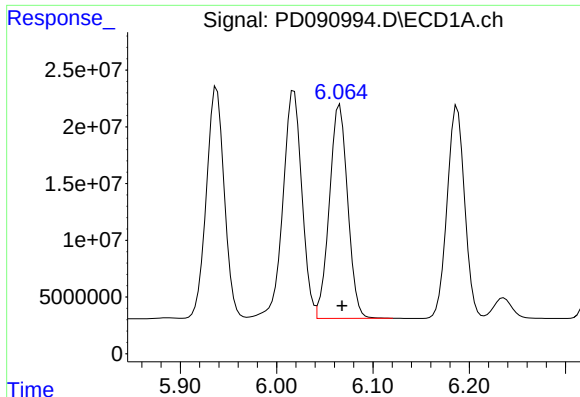
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 270341105
Conc: 46.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: -0.003 min
Response: 1903841785
Conc: 44.65 ng/ml



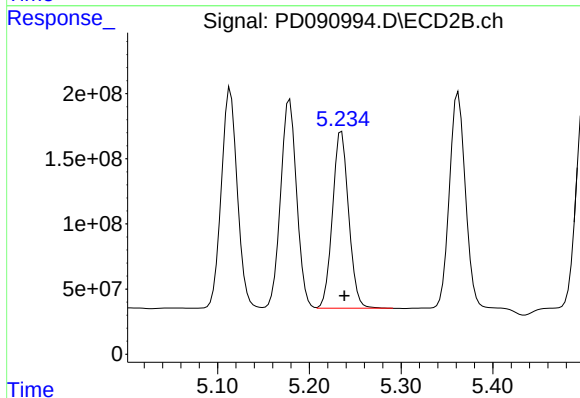
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 249758637
Conc: 45.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

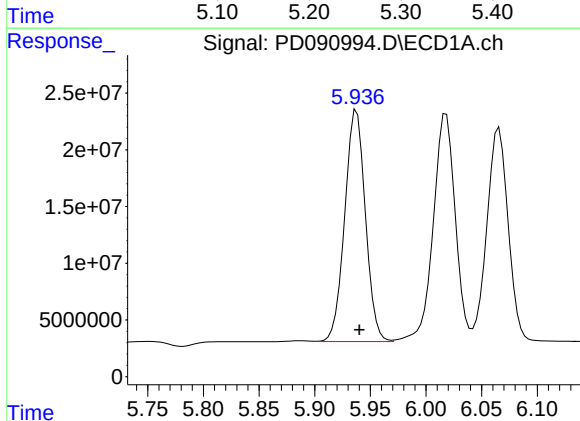
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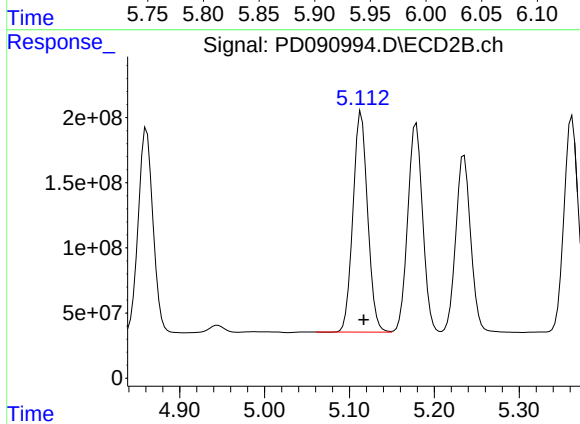
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 1660642716
Conc: 42.16 ng/ml



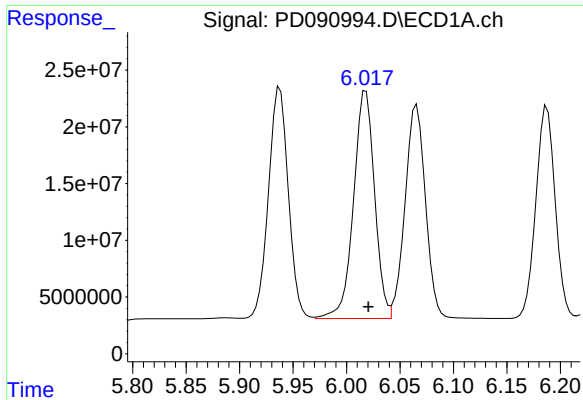
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 263891960
Conc: 44.49 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2038174164
Conc: 45.34 ng/ml



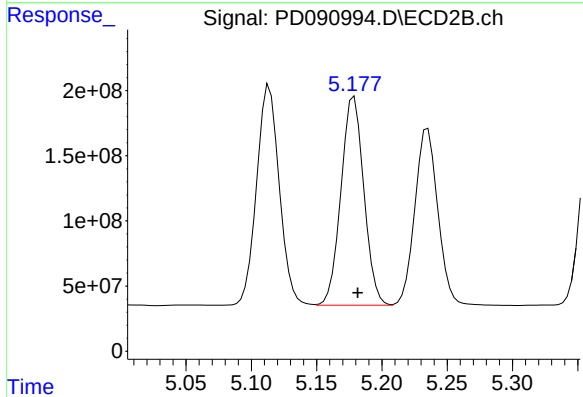
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 274856482
Conc: 44.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

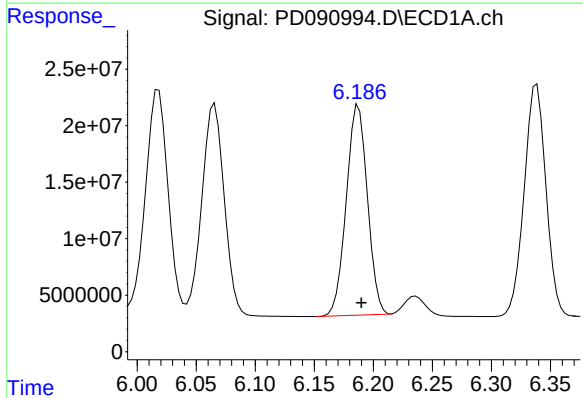
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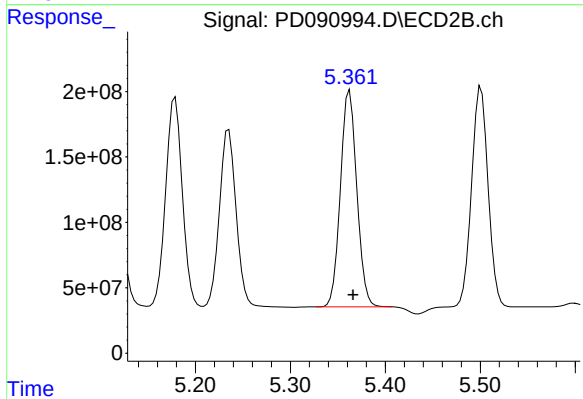
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 1951773438
Conc: 45.25 ng/ml



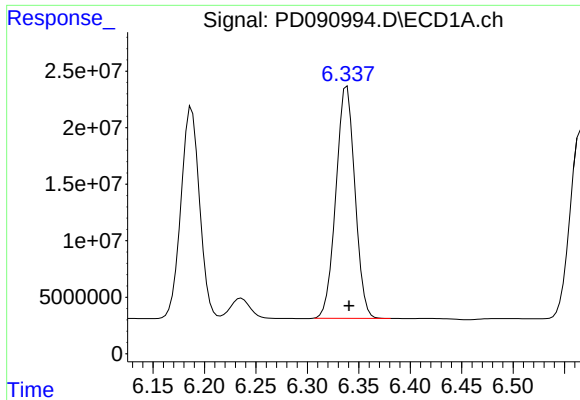
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.003 min
Response: 231512567
Conc: 43.46 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.005 min
Response: 1990690549
Conc: 45.41 ng/ml m



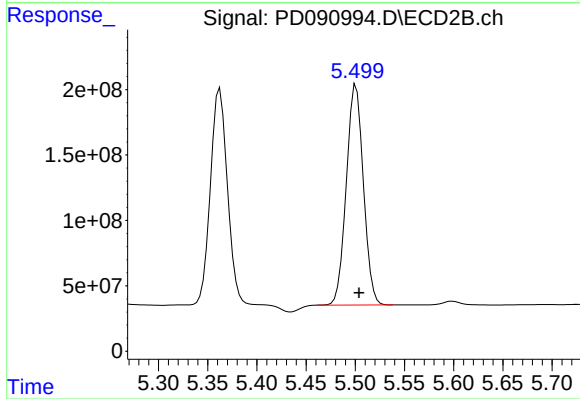
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 263550140
Conc: 45.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

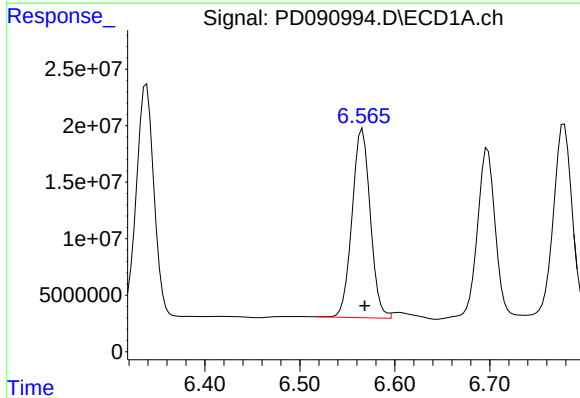
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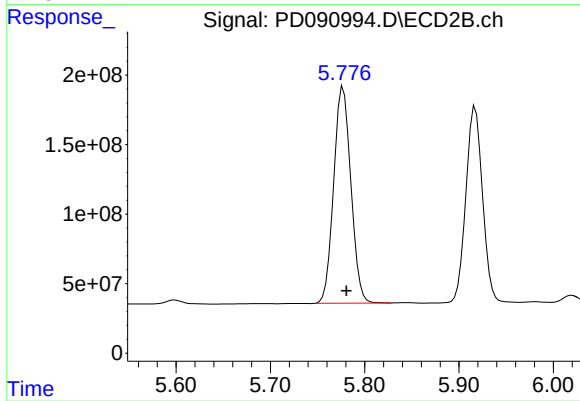
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2037044192
Conc: 46.10 ng/ml



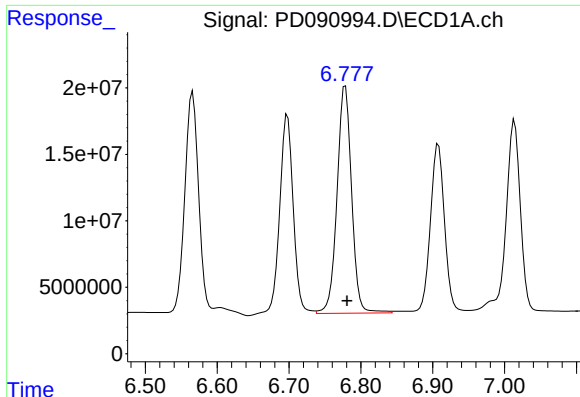
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 222391878
Conc: 44.89 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.003 min
Response: 1974178723
Conc: 48.75 ng/ml



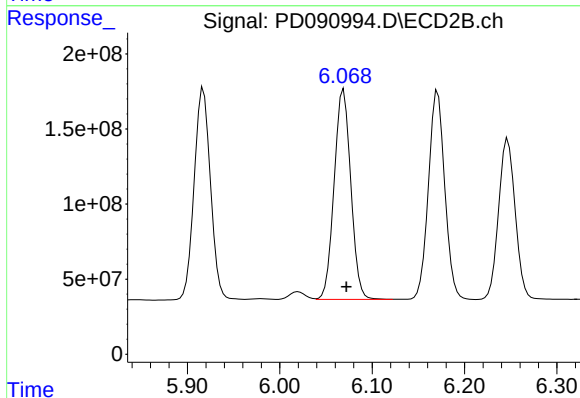
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: -0.003 min
Response: 240493069
Conc: 48.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

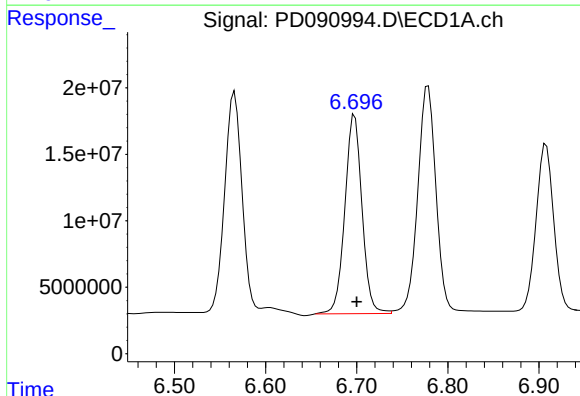
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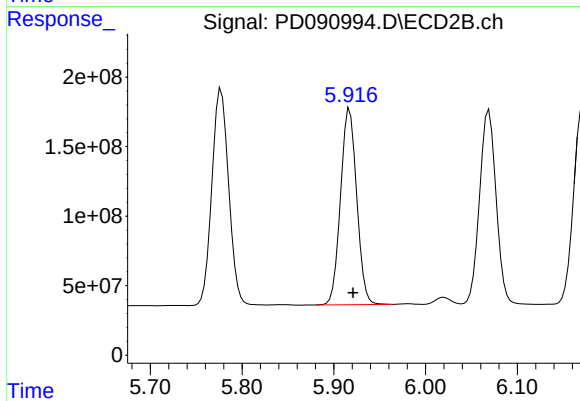
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1752108009
Conc: 46.65 ng/ml



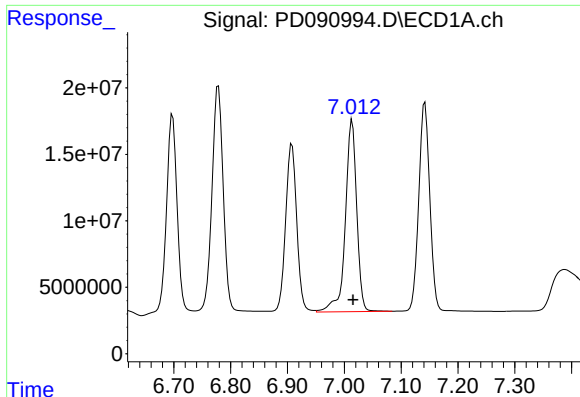
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 195478617
Conc: 48.22 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 1726289289
Conc: 47.38 ng/ml



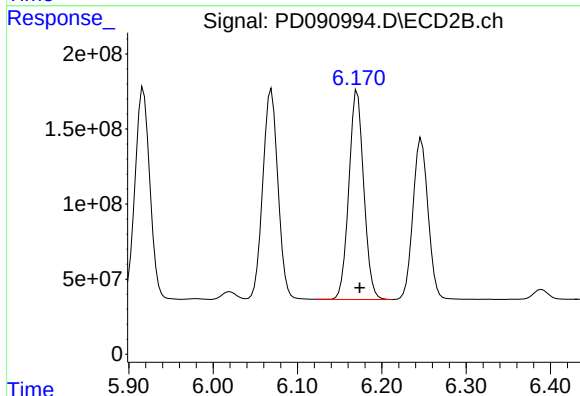
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.001 min
Response: 200942921
Conc: 48.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

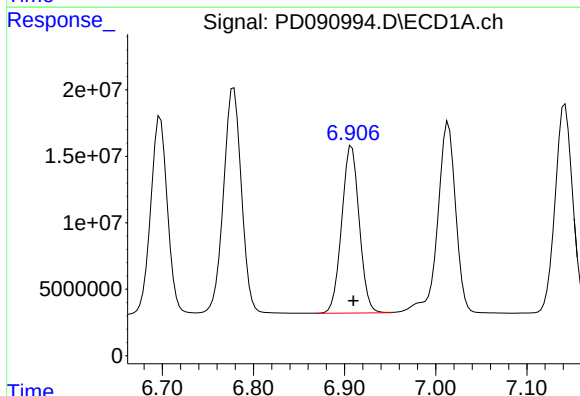
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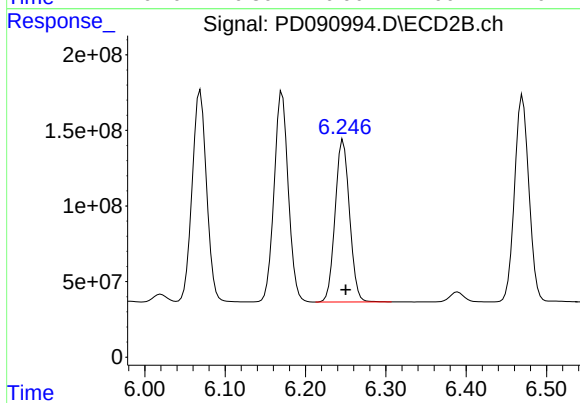
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1709945553
Conc: 48.75 ng/ml



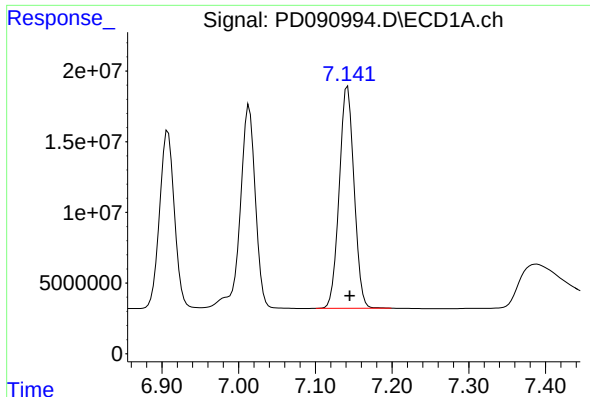
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 168538415
Conc: 46.01 ng/ml m



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 1339056393
Conc: 48.35 ng/ml



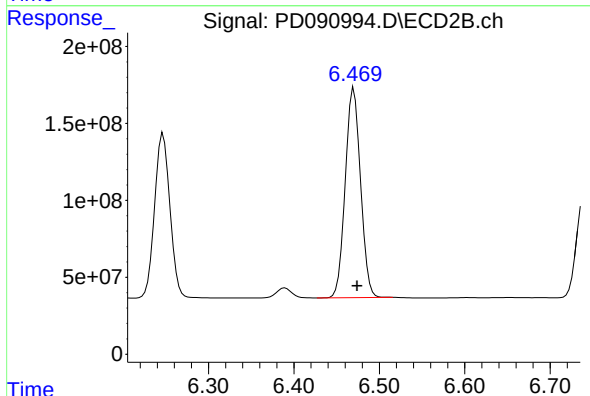
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 211235008
Conc: 45.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

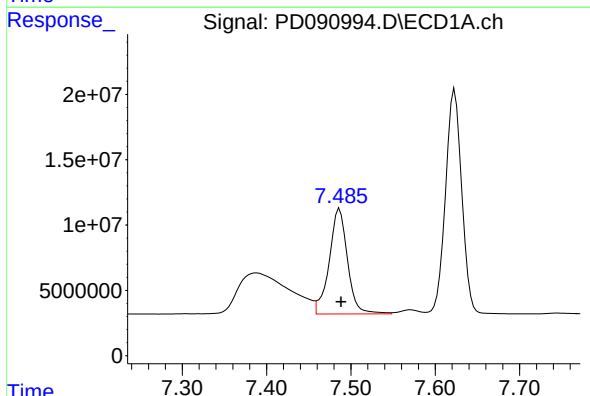
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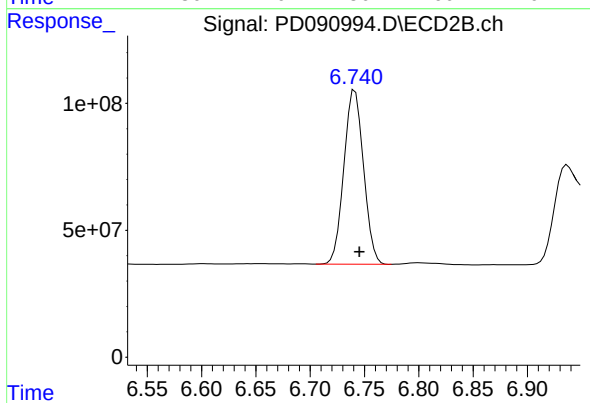
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 1693033359
Conc: 47.23 ng/ml



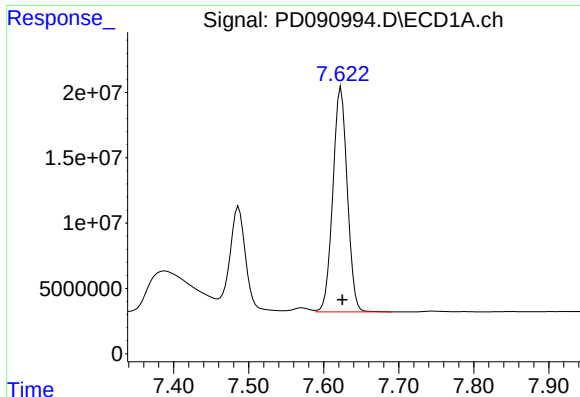
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 122003009
Conc: 57.40 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 864838517
Conc: 49.62 ng/ml



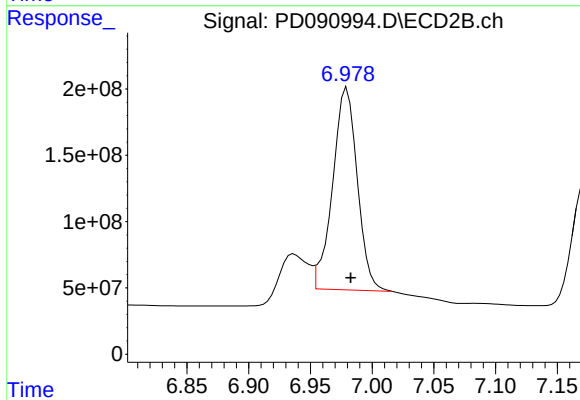
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 230151127
Conc: 47.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

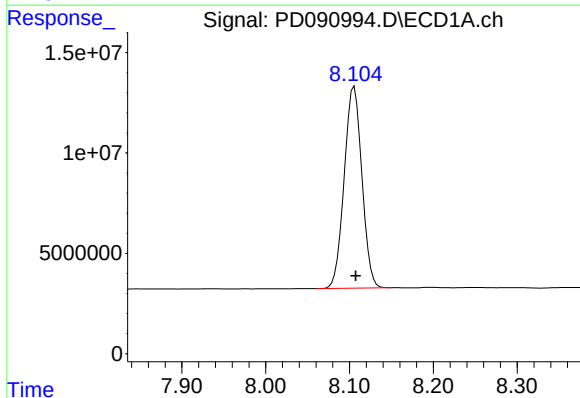
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Yogesh Patel 11/07/2025



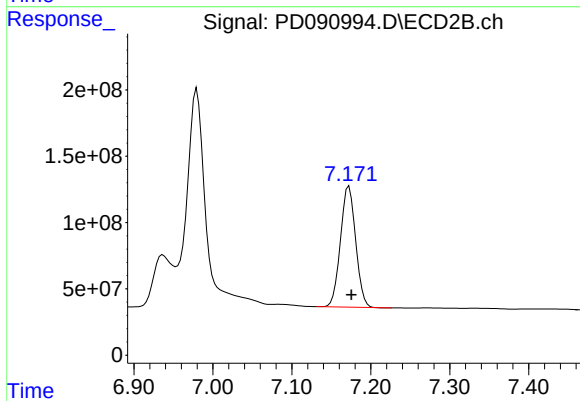
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 2108694801
Conc: 55.91 ng/ml m



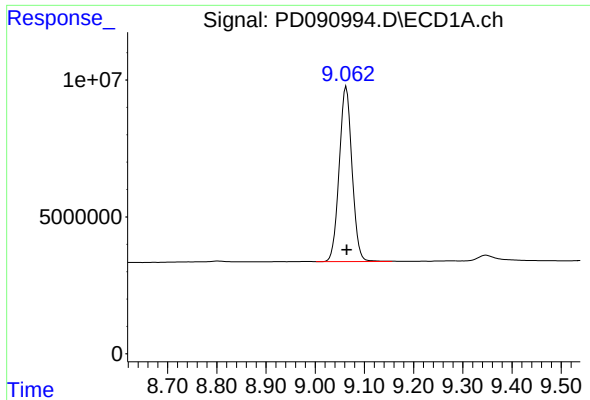
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.002 min
Response: 147699559
Conc: 46.14 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1221838183
Conc: 47.56 ng/ml



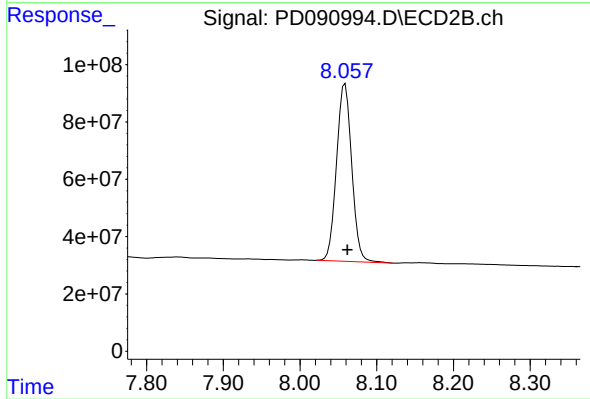
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 115560154
Conc: 24.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170426BS

Manual Integrations
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Supervised By :Yogesh Patel 11/07/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 852968405
Conc: 28.16 ng/ml