

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090992.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 14:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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 00:26:15 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	145.9E6	1431.0E6	46.865	48.058
28)	SA Decachlor...	9.063	8.059	204.4E6	1526.6E6	43.694	50.398
Target Compounds							
2)	A alpha-BHC	3.992	3.385	347.5E6	2479.5E6	48.422	48.526
3)	MA gamma-BHC...	4.323	3.721	324.9E6	2282.1E6	47.790	48.299
4)	MA Heptachlor	4.921	4.073	324.8E6	2255.9E6	58.114	50.577
5)	MB Aldrin	5.262	4.358	311.5E6	2226.5E6	47.583	48.069
6)	B beta-BHC	4.511	4.017	122.3E6	944.2E6	46.700	47.616
7)	B delta-BHC	4.759	4.253	323.3E6	2304.2E6	47.815	48.289
8)	B Heptachlo...	5.683	4.861	279.7E6	2005.0E6	48.314	47.022
9)	A Endosulfan I	6.066	5.235	262.7E6	1807.2E6	47.446	45.879
10)	B gamma-Chl...	5.938	5.114	277.9E6	2149.3E6	46.860	47.816
11)	B alpha-Chl...	6.019	5.179	288.5E6	2060.0E6	46.674	47.753
12)	B 4,4'-DDE	6.188	5.363	247.3E6	2129.0E6	46.423	48.566
13)	MA Dieldrin	6.339	5.501	278.2E6	2135.0E6	47.713	48.321
14)	MA Endrin	6.566	5.778	233.0E6	1920.7E6	47.034	47.432
15)	B Endosulfa...	6.779	6.069	240.8E6	1741.7E6	48.162	46.377
16)	A 4,4'-DDD	6.699	5.918	203.0E6	1685.2E6	50.060	46.248
17)	MA 4,4'-DDT	7.014	6.171	208.6E6	1773.4E6	50.742	50.564
18)	B Endrin al...	6.907	6.247	175.8E6	1383.3E6	47.990m	49.951
19)	B Endosulfa...	7.143	6.471	220.8E6	1766.4E6	47.595	49.280
20)	A Methoxychlor	7.487	6.742	109.3E6	897.5E6	51.406	51.500
21)	B Endrin ke...	7.624	6.979	242.5E6	2023.9E6	49.918	53.660m
22)	Mirex	8.106	7.172	146.5E6	1300.6E6	45.759	50.624

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 14:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

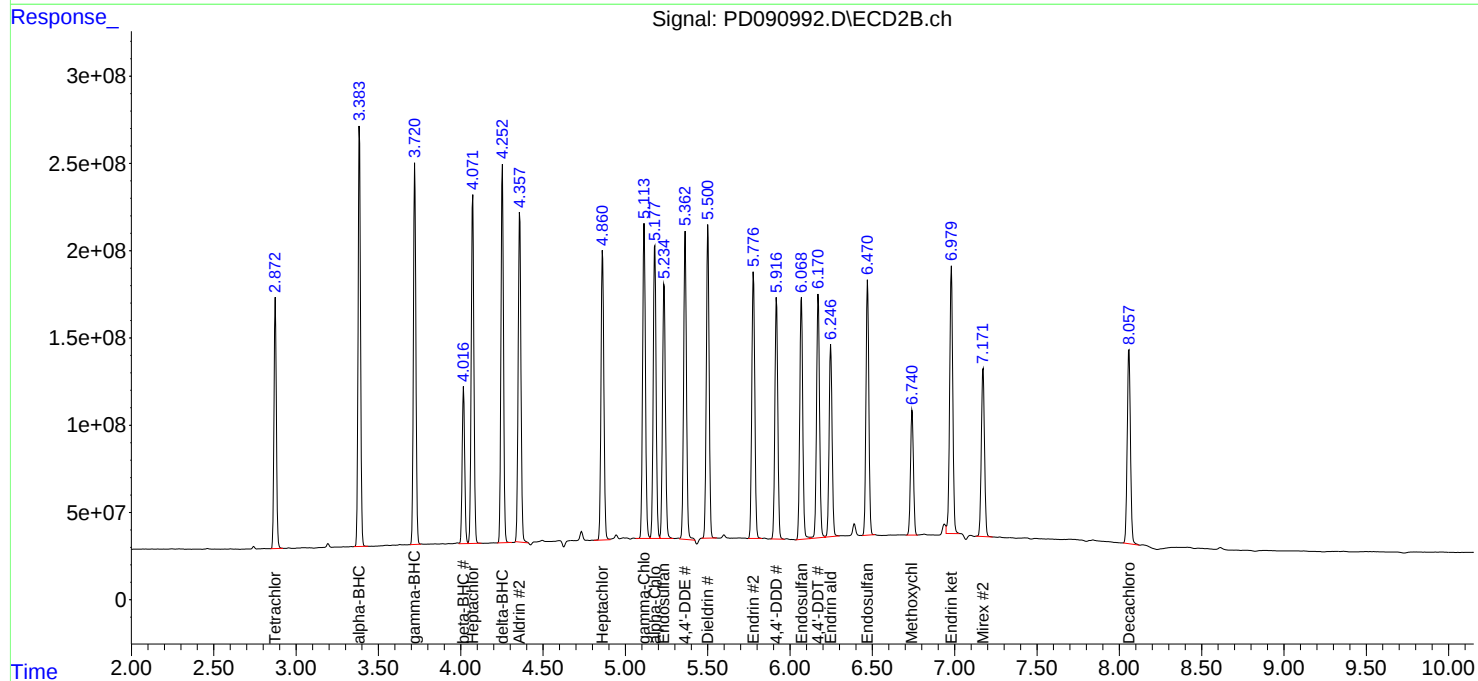
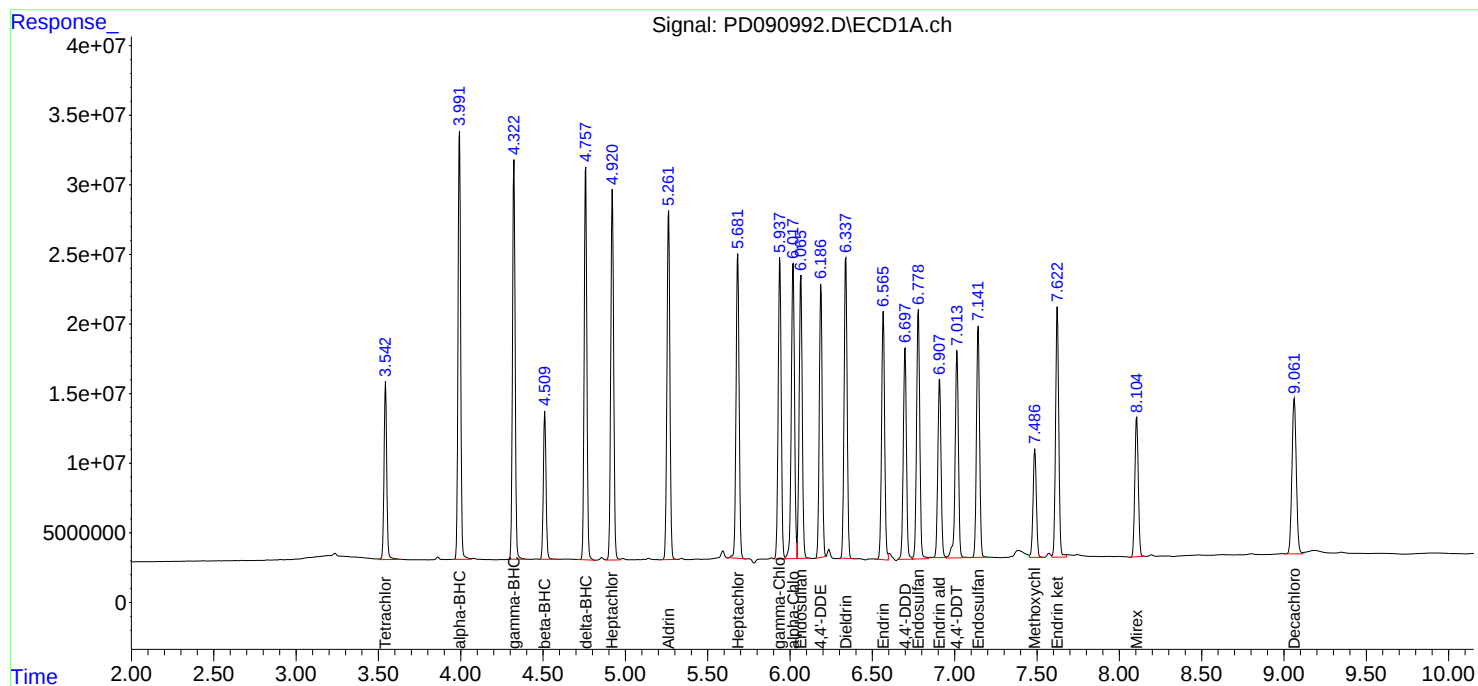
Manual Integrations

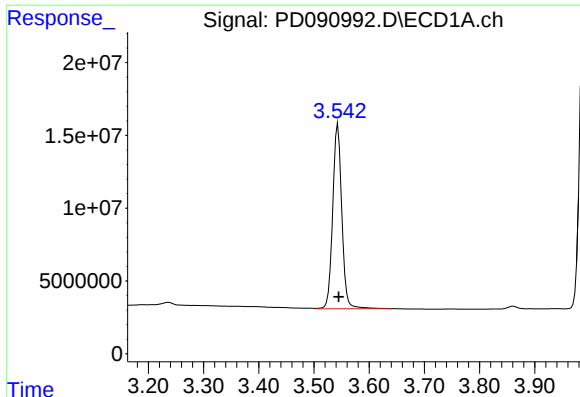
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Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:26:15 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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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





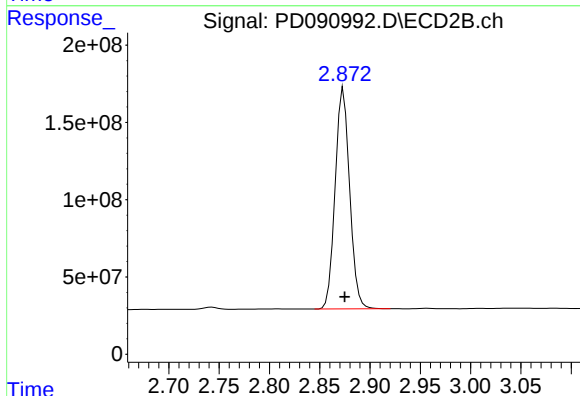
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 145946585
Conc: 46.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

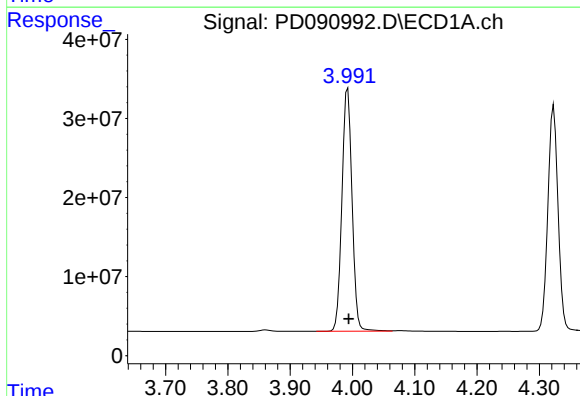
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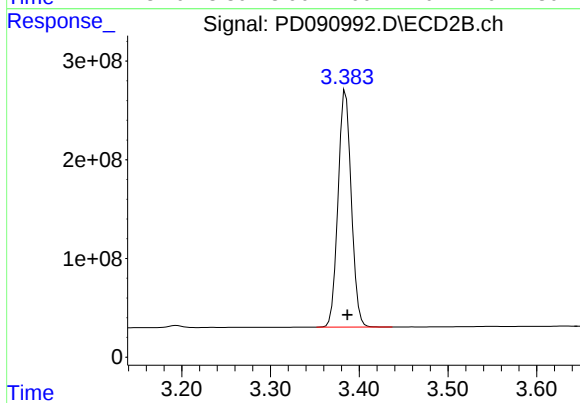
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.001 min
Response: 1431042031
Conc: 48.06 ng/ml



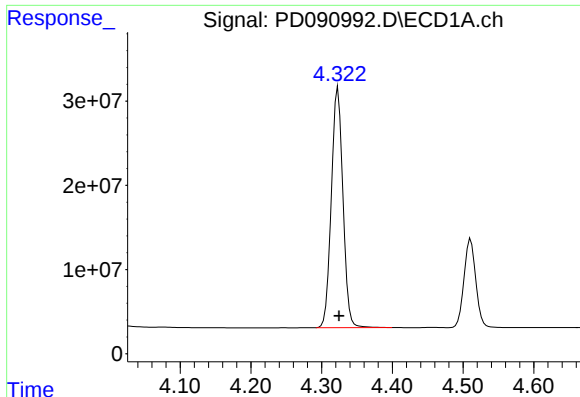
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 347532834
Conc: 48.42 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 2479498176
Conc: 48.53 ng/ml



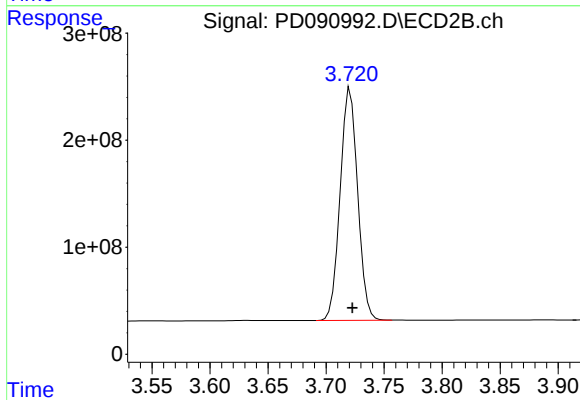
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 324916477
Conc: 47.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

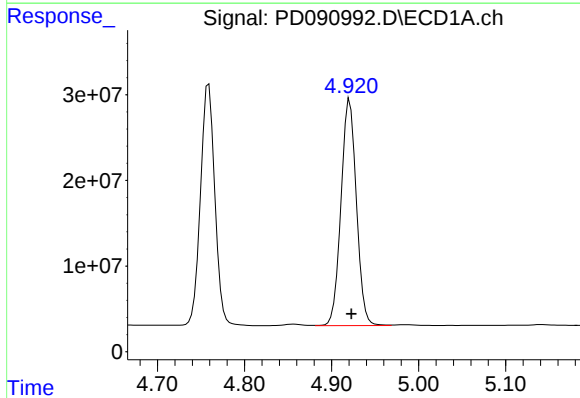
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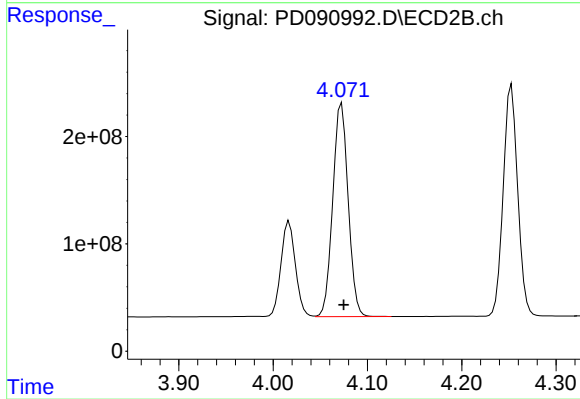
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 2282075100
Conc: 48.30 ng/ml



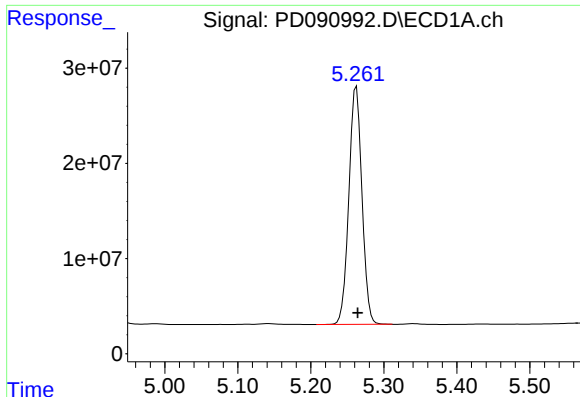
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.002 min
Response: 324833240
Conc: 58.11 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2255888347
Conc: 50.58 ng/ml



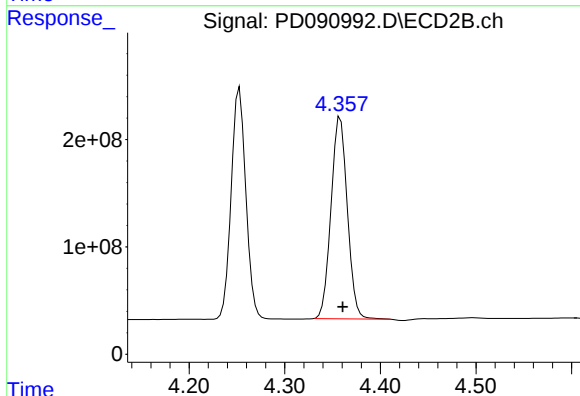
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 311540788
Conc: 47.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

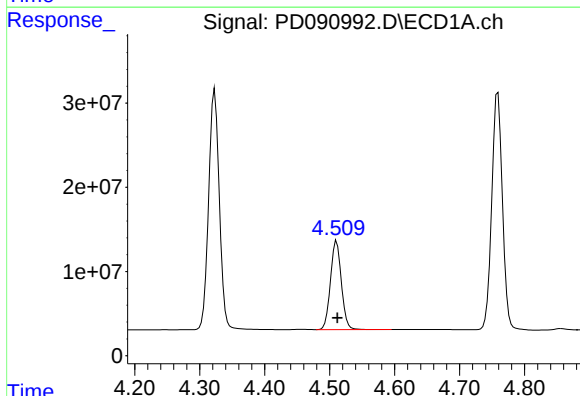
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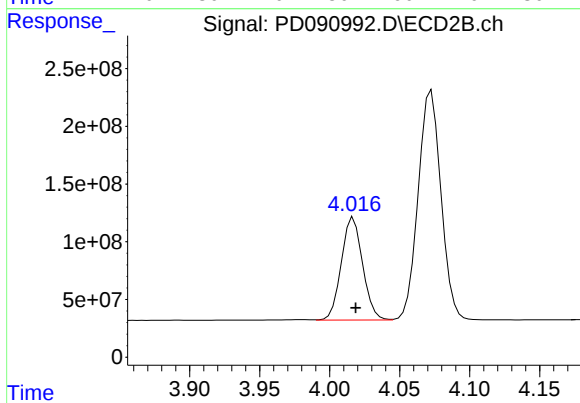
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.002 min
Response: 2226504707
Conc: 48.07 ng/ml



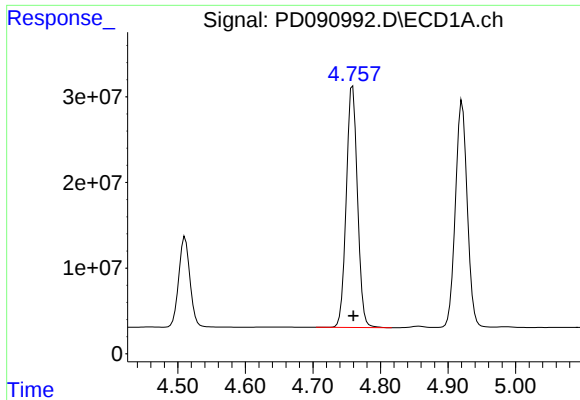
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 122336113
Conc: 46.70 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 944201327
Conc: 47.62 ng/ml



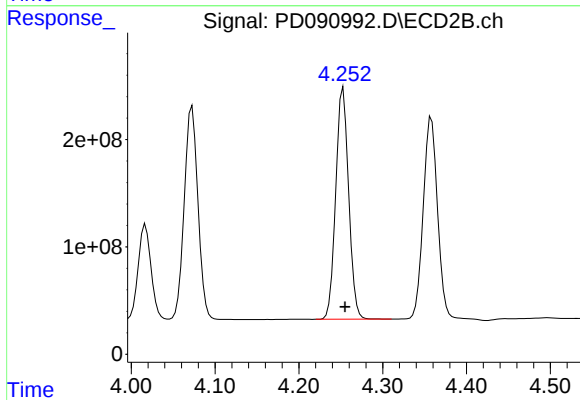
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 323308472
Conc: 47.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

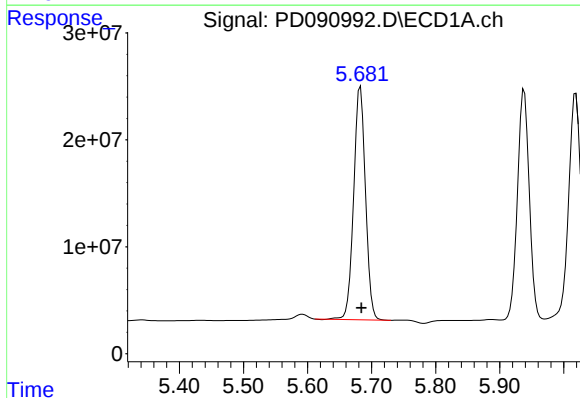
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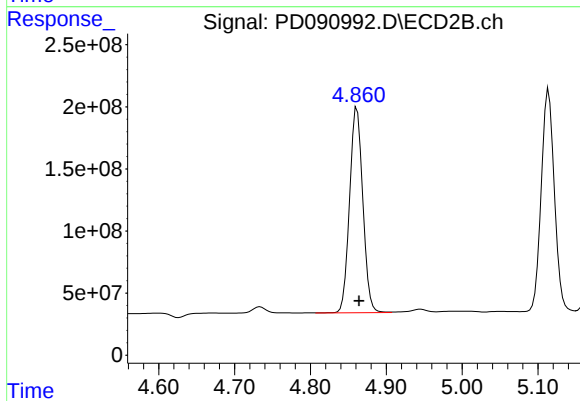
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.002 min
Response: 2304205759
Conc: 48.29 ng/ml



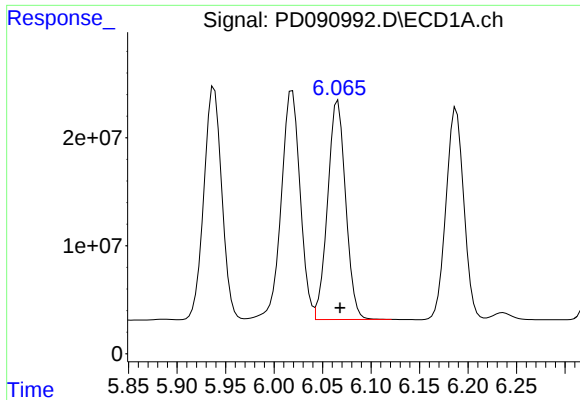
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 279694209
Conc: 48.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: -0.003 min
Response: 2004959045
Conc: 47.02 ng/ml



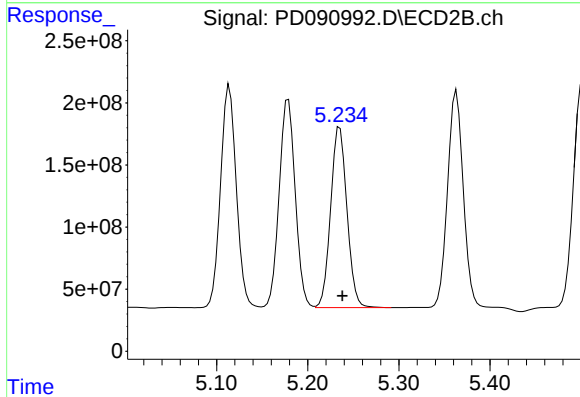
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 262694202
Conc: 47.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

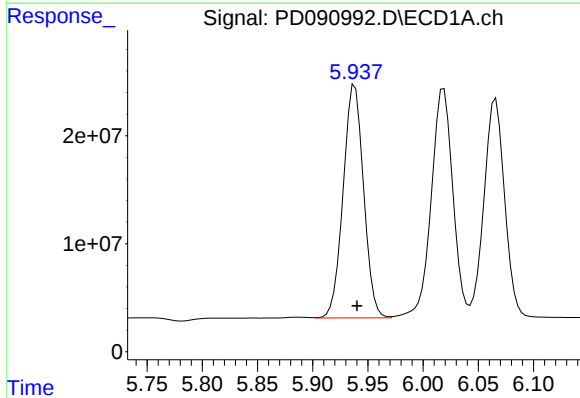
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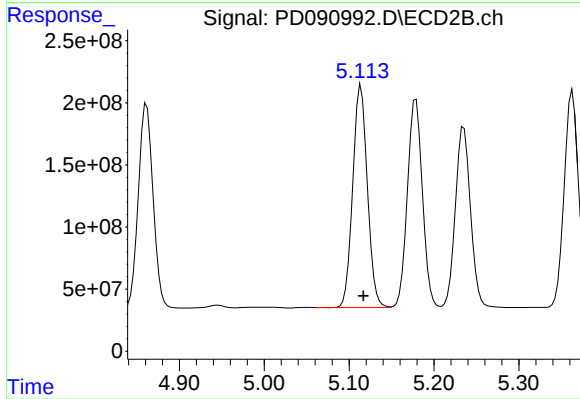
#9 Endosulfan I

R.T.: 5.235 min
Delta R.T.: -0.003 min
Response: 1807201483
Conc: 45.88 ng/ml



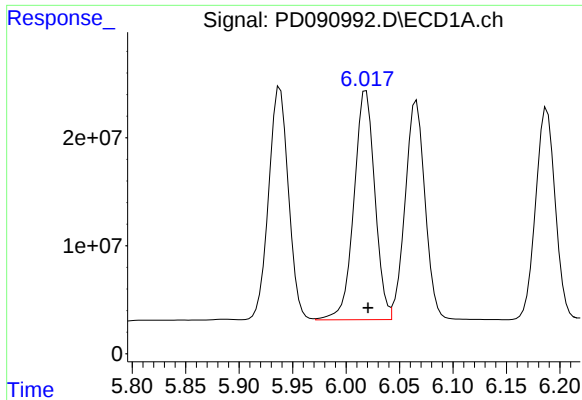
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 277933170
Conc: 46.86 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.003 min
Response: 2149276106
Conc: 47.82 ng/ml



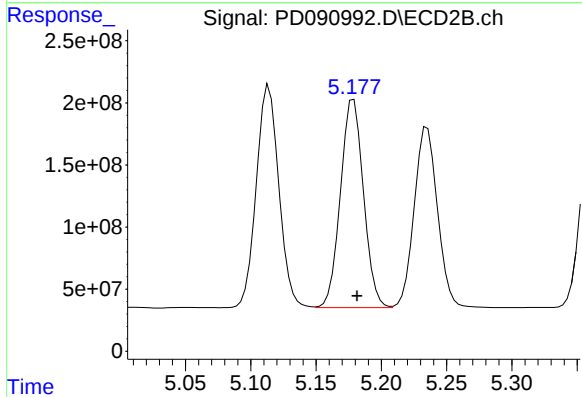
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 288457244
Conc: 46.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

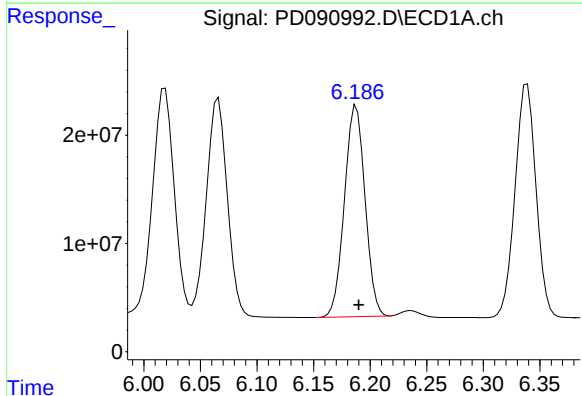
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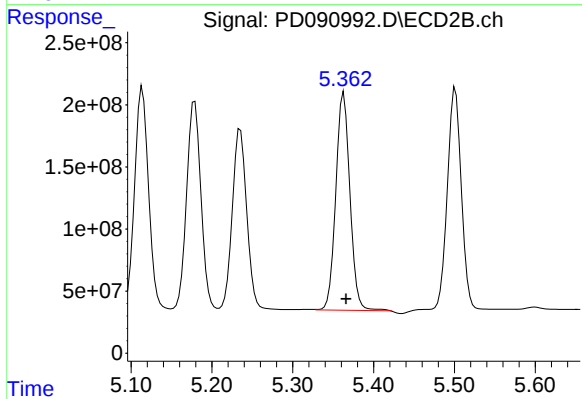
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.003 min
Response: 2059966652
Conc: 47.75 ng/ml



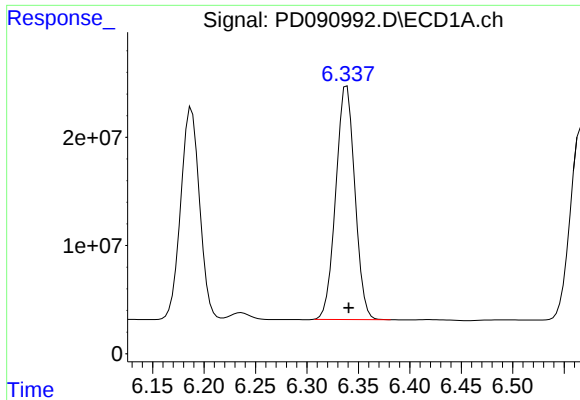
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 247280157
Conc: 46.42 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 2129045110
Conc: 48.57 ng/ml



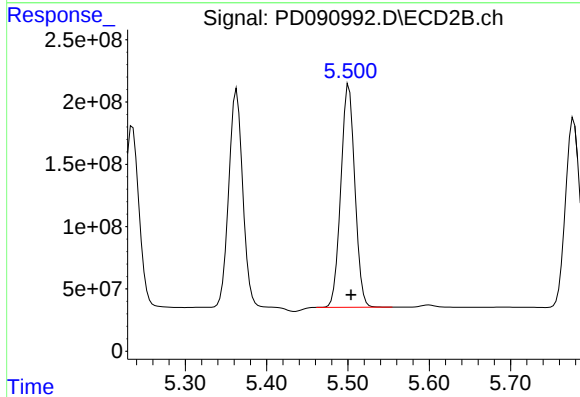
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.002 min
Response: 278231354
Conc: 47.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

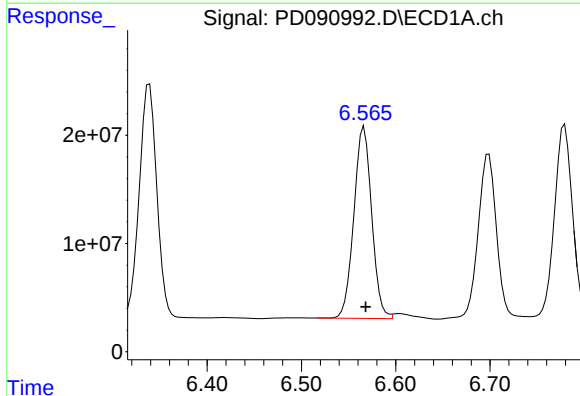
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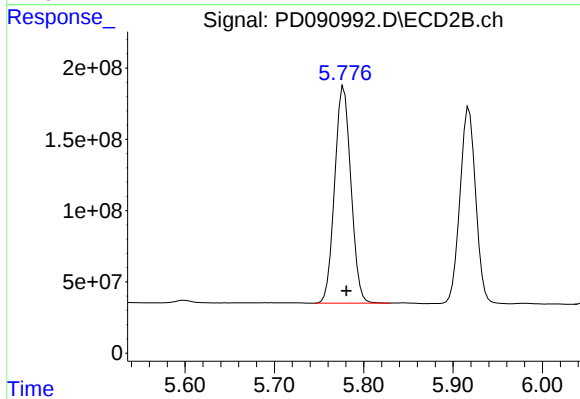
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 2134992489
Conc: 48.32 ng/ml



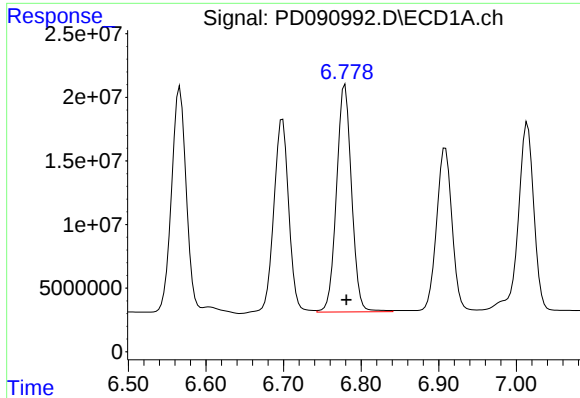
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 232993901
Conc: 47.03 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 1920709599
Conc: 47.43 ng/ml



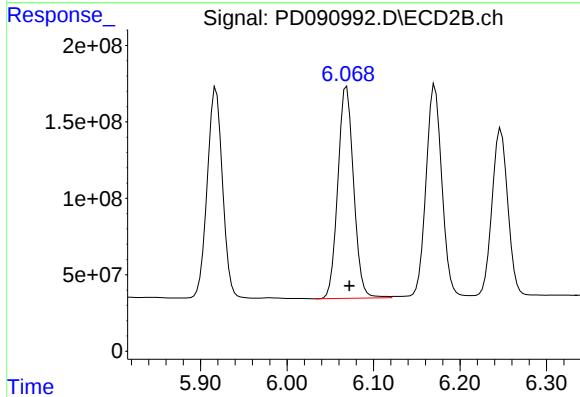
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 240806878
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

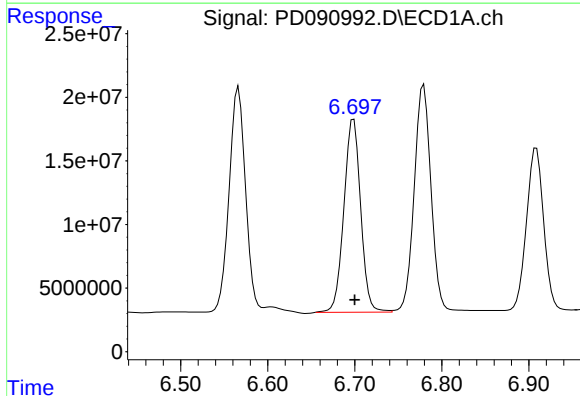
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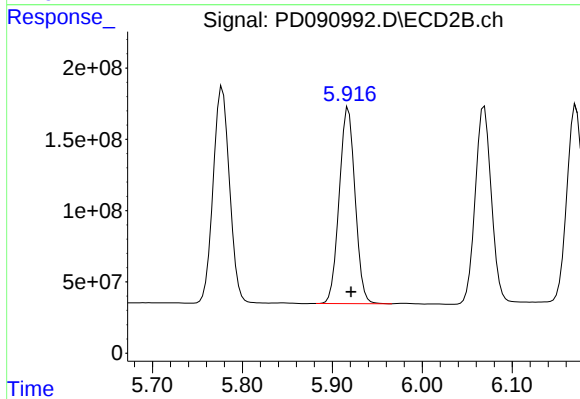
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 1741700531
Conc: 46.38 ng/ml



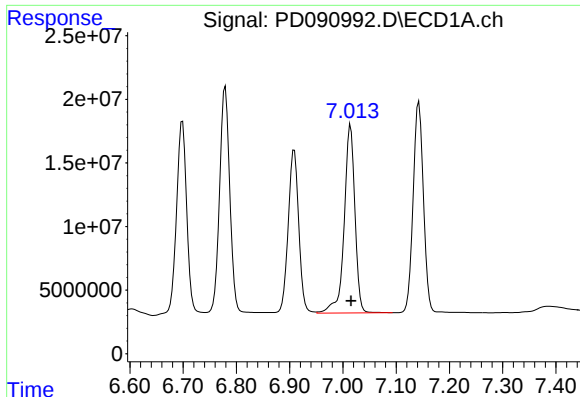
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 202954581
Conc: 50.06 ng/ml



#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 1685201288
Conc: 46.25 ng/ml



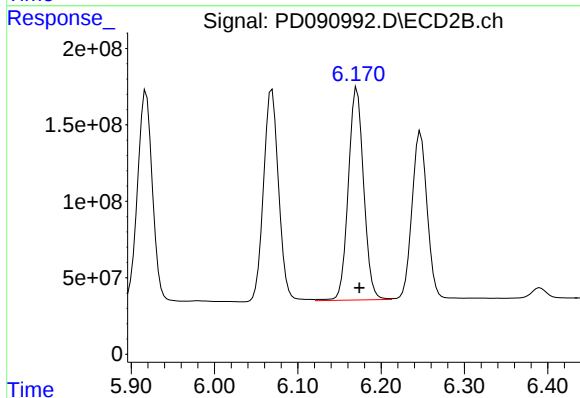
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 208572572
Conc: 50.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

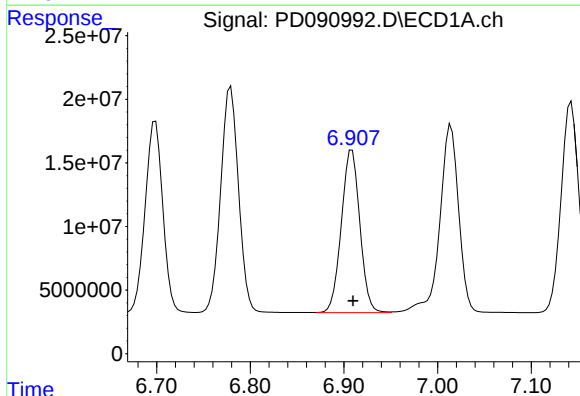
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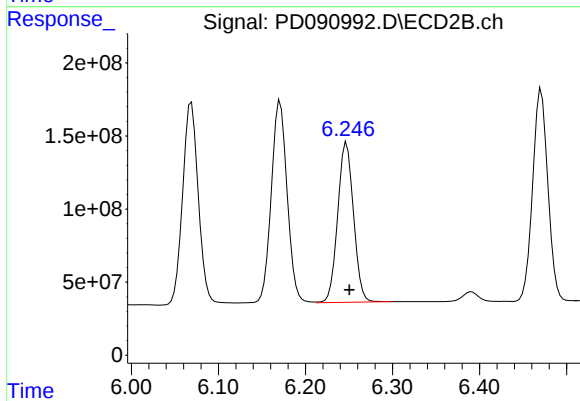
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 1773418342
Conc: 50.56 ng/ml



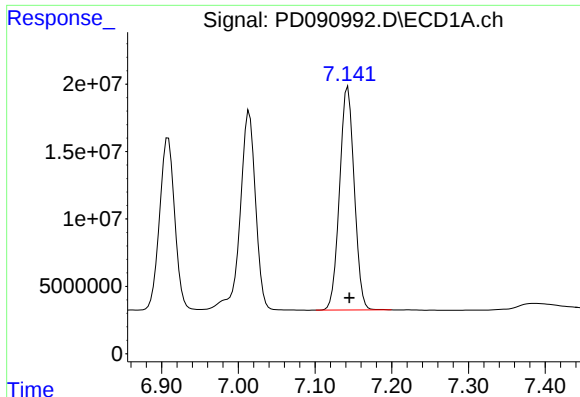
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 175773401
Conc: 47.99 ng/ml m



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.003 min
Response: 1383270393
Conc: 49.95 ng/ml



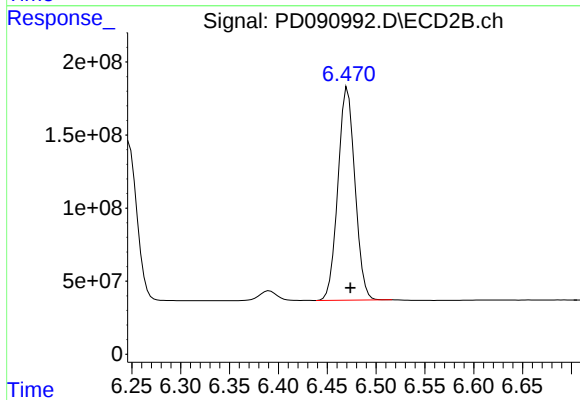
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 220756523
Conc: 47.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

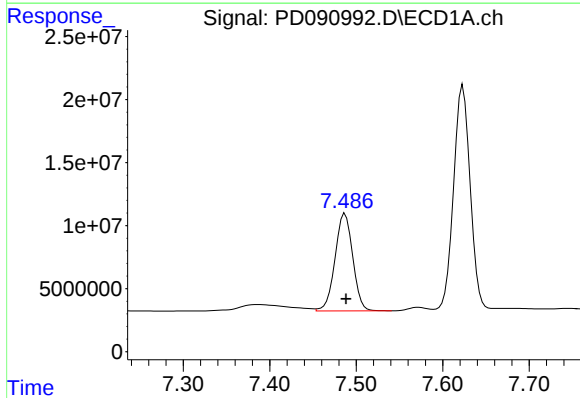
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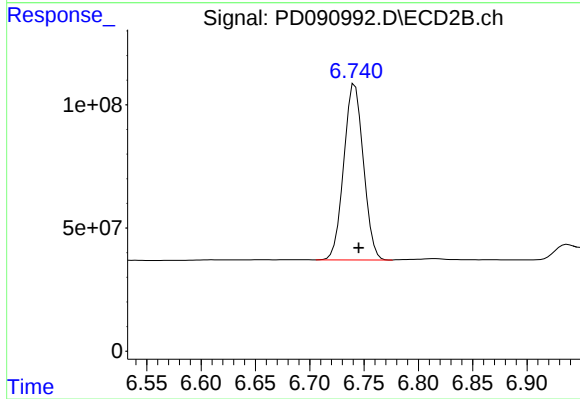
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 1766438694
Conc: 49.28 ng/ml



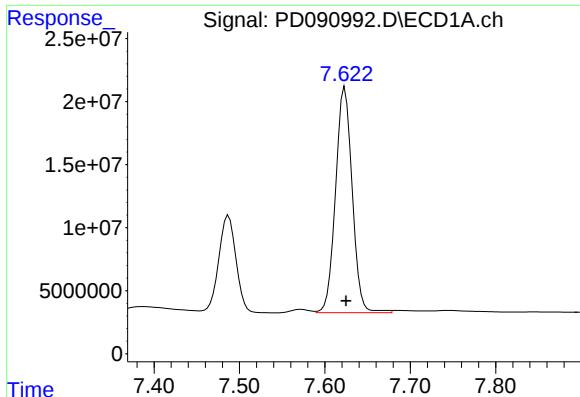
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 109267795
Conc: 51.41 ng/ml



#20 Methoxychlor

R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 897540018
Conc: 51.50 ng/ml



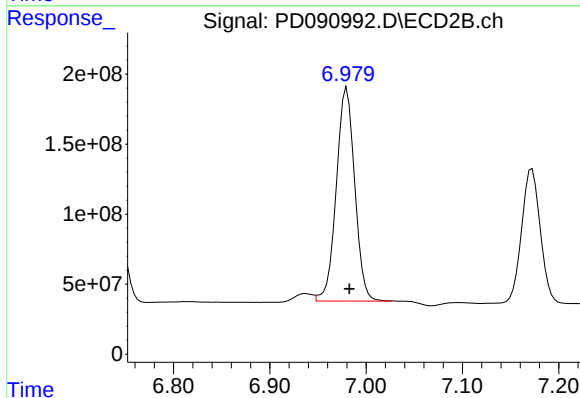
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: -0.001 min
Response: 242542267
Conc: 49.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

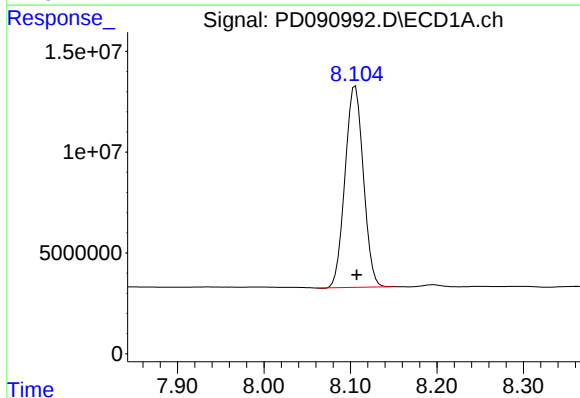
Manual Integrations
APPROVED

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



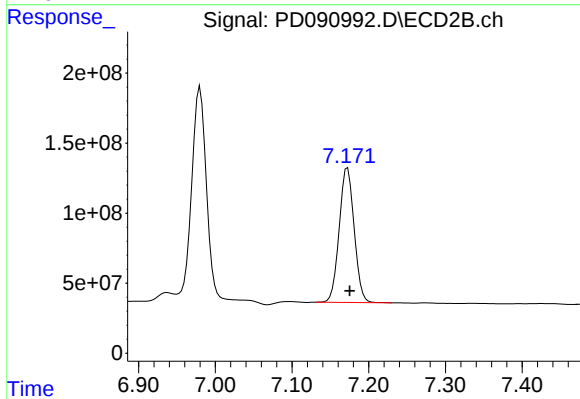
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 2023921995
Conc: 53.66 ng/ml m



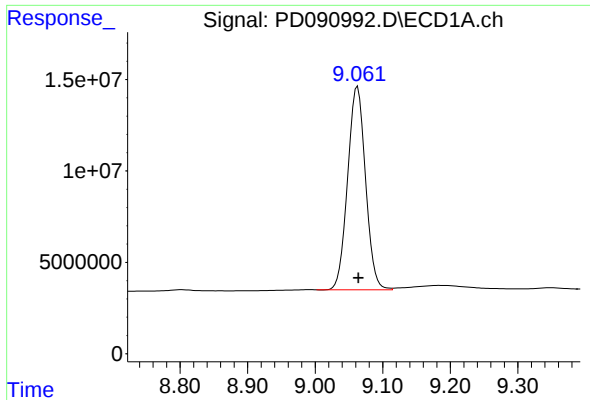
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.002 min
Response: 146468198
Conc: 45.76 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.003 min
Response: 1300585269
Conc: 50.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.002 min
Response: 204396579
Conc: 43.69 ng/ml

Instrument :

ECD_D

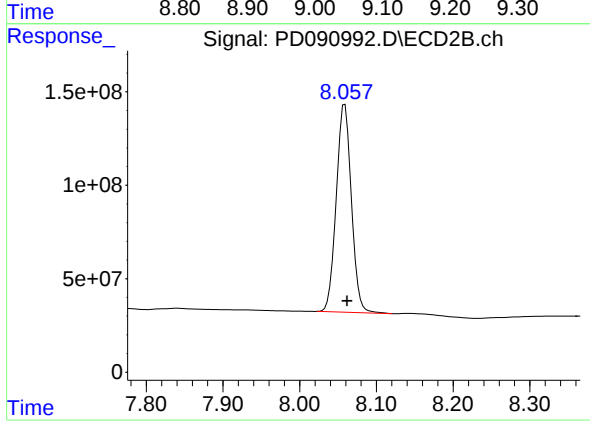
ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 1526629422
Conc: 50.40 ng/ml