

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090982.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 10:32
 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 00:23:50 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...	3.551	2.873	144.5E6	1426.1E6	46.415	47.893
28)	SA Decachlor...	9.073	8.061	204.1E6	1474.2E6	43.625	48.669
Target Compounds							
2)	A alpha-BHC	4.001	3.385	353.8E6	2476.4E6	49.294	48.465
3)	MA gamma-BHC...	4.332	3.721	327.2E6	2267.7E6	48.128	47.994
4)	MA Heptachlor	4.929	4.073	333.5E6	2241.0E6	59.672	50.243
5)	MB Aldrin	5.271	4.359	316.0E6	2214.2E6	48.263	47.804
6)	B beta-BHC	4.519	4.018	122.4E6	936.8E6	46.742	47.241
7)	B delta-BHC	4.768	4.254	325.5E6	2289.3E6	48.140	47.977
8)	B Heptachlo...	5.690	4.863	279.4E6	2003.0E6	48.263m	46.975
9)	A Endosulfan I	6.075	5.237	265.7E6	1798.2E6	47.991	45.651
10)	B gamma-Chl...	5.947	5.116	281.3E6	2143.7E6	47.433	47.693
11)	B alpha-Chl...	6.027	5.180	287.8E6	2047.6E6	46.574	47.467
12)	B 4,4'-DDE	6.197	5.365	252.1E6	2100.9E6	47.321	47.923
13)	MA Dieldrin	6.348	5.503	285.4E6	2119.9E6	48.942	47.979
14)	MA Endrin	6.575	5.780	241.5E6	1938.1E6	48.749	47.861
15)	B Endosulfa...	6.788	6.071	250.2E6	1832.3E6	50.037	48.789
16)	A 4,4'-DDD	6.707	5.920	212.7E6	1780.2E6	52.457	48.857
17)	MA 4,4'-DDT	7.023	6.174	217.1E6	1816.6E6	52.820	51.794
18)	B Endrin al...	6.917	6.250	184.8E6	1387.0E6	50.456	50.084
19)	B Endosulfa...	7.152	6.473	224.7E6	1761.2E6	48.438	49.134
20)	A Methoxychlor	7.496	6.744	118.6E6	899.7E6	55.786	51.625
21)	B Endrin ke...	7.633	6.982	244.9E6	1869.9E6	50.396	49.577
22)	Mirex	8.114	7.174	154.9E6	1288.0E6	48.388	50.135

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 10:32
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

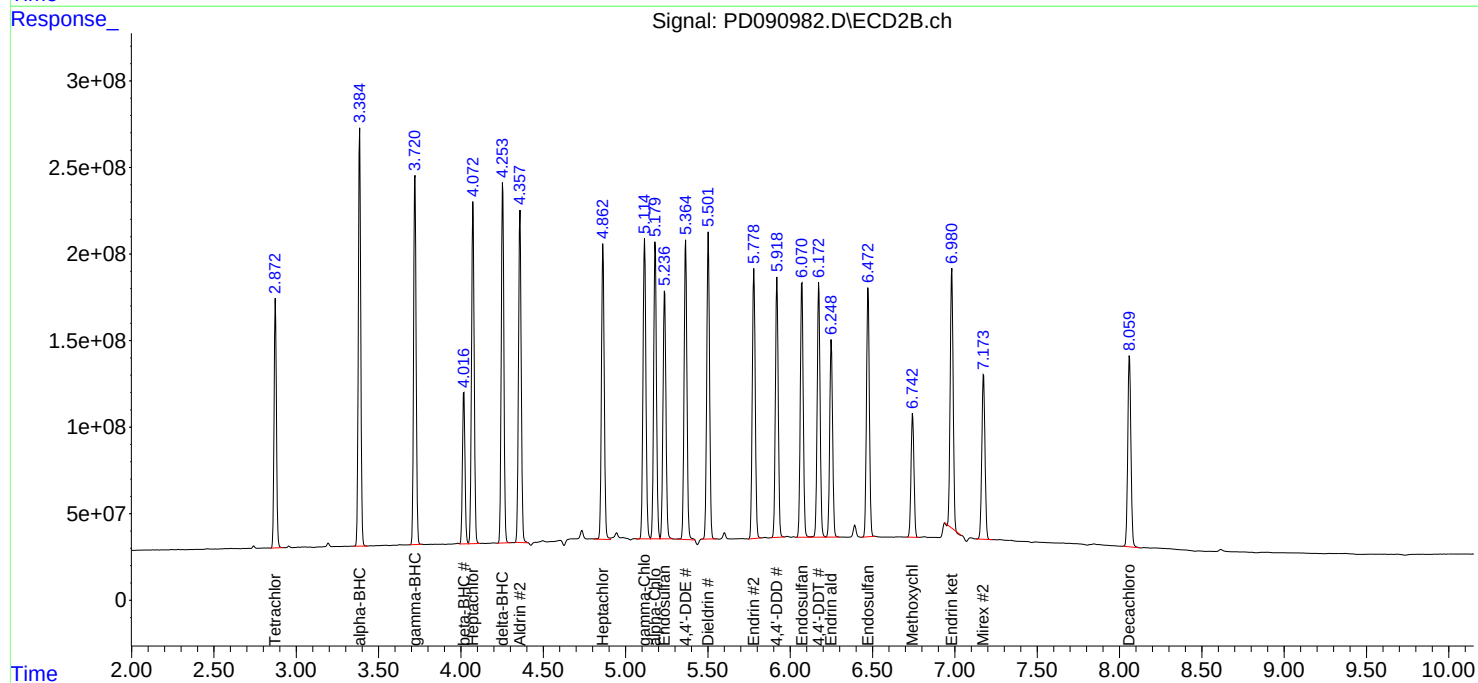
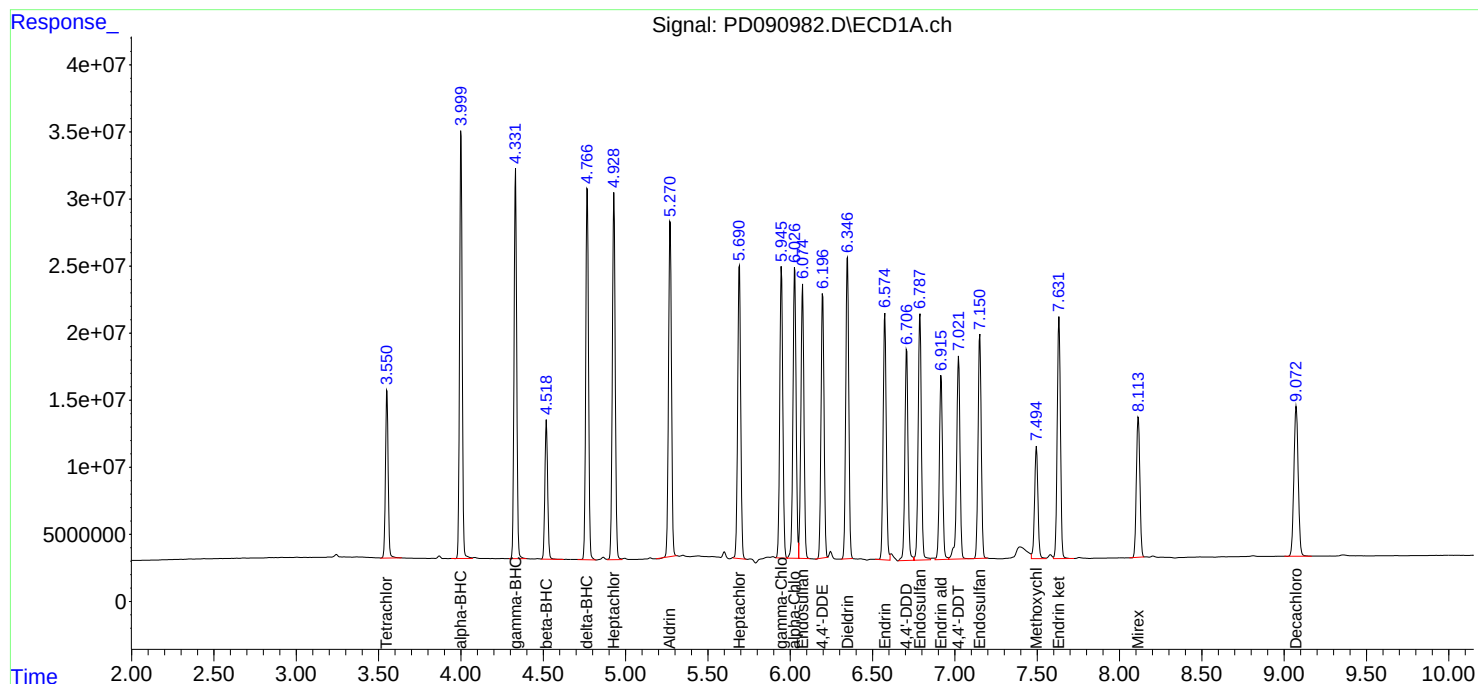
Manual Integrations

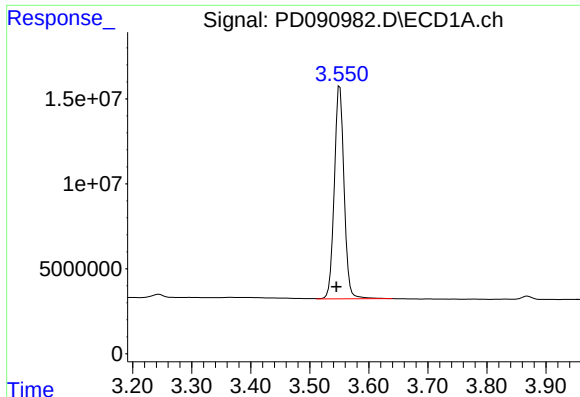
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Supervised By :Yogesh Patel 11/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:23:50 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





#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 144543904
Conc: 46.41 ng/ml

Instrument :

ECD_D

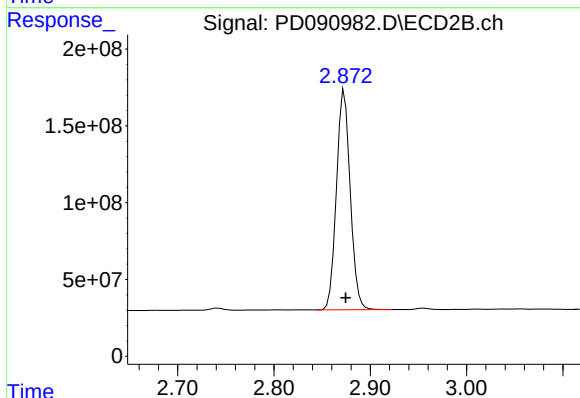
ClientSampleId :

PSTDCCC050

Manual Integrations

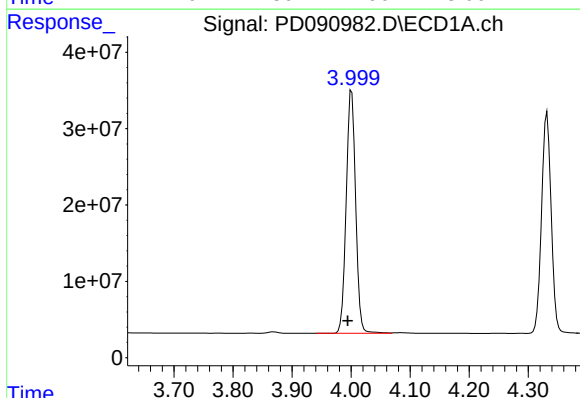
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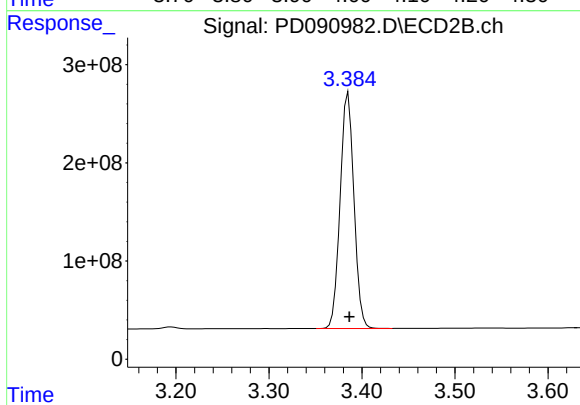
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 1426129849
Conc: 47.89 ng/ml



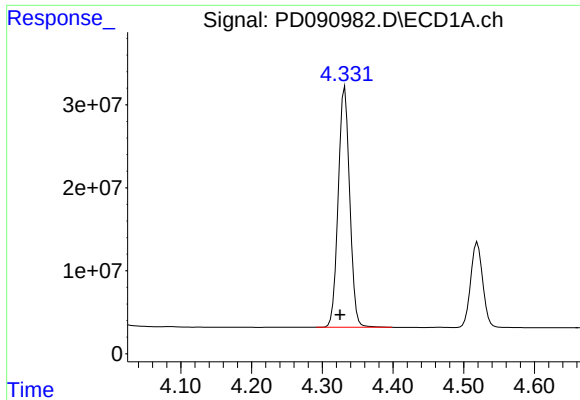
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.007 min
Response: 353787074
Conc: 49.29 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2476364178
Conc: 48.47 ng/ml



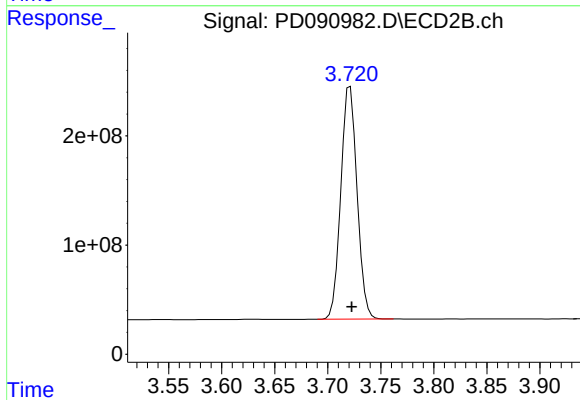
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.007 min
Response: 327214601
Conc: 48.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

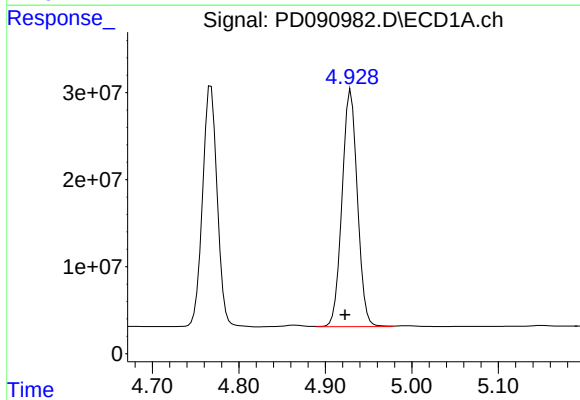
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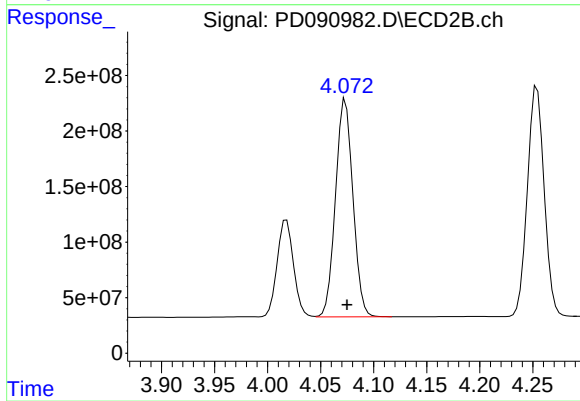
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 2267674515
Conc: 47.99 ng/ml



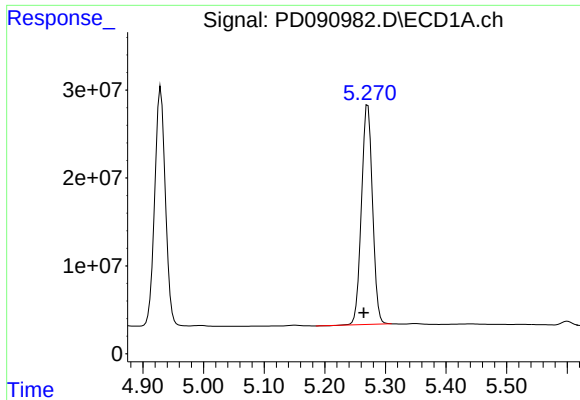
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.007 min
Response: 333540128
Conc: 59.67 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.001 min
Response: 2240998242
Conc: 50.24 ng/ml



#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.007 min
Response: 315993362
Conc: 48.26 ng/ml

Instrument :

ECD_D

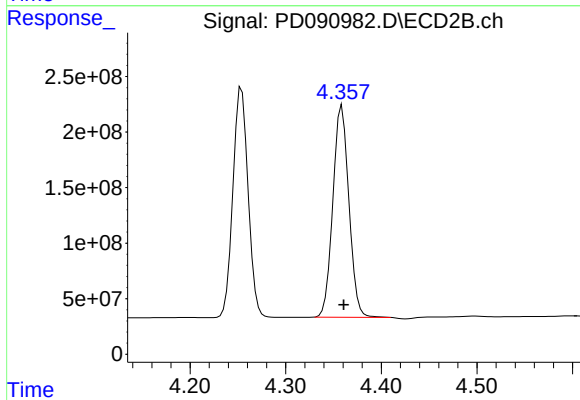
ClientSampleId :

PSTDCCC050

Manual Integrations

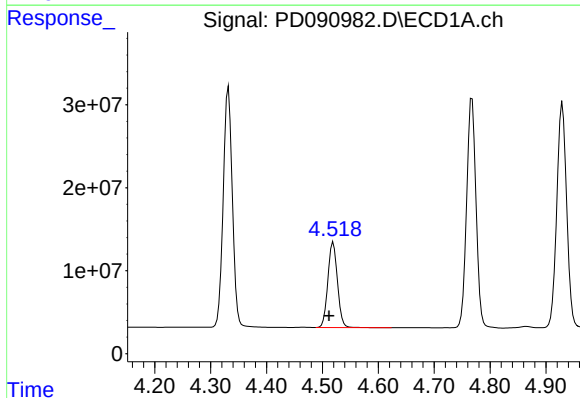
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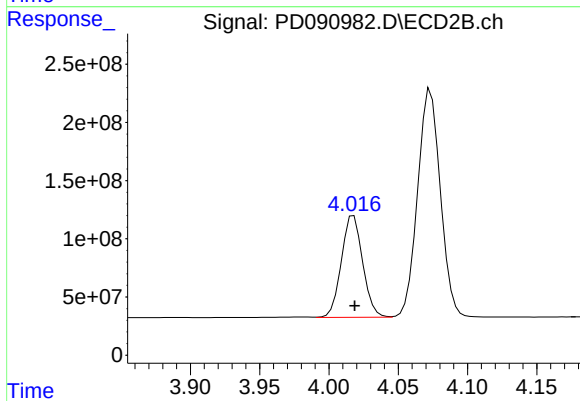
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2214228936
Conc: 47.80 ng/ml



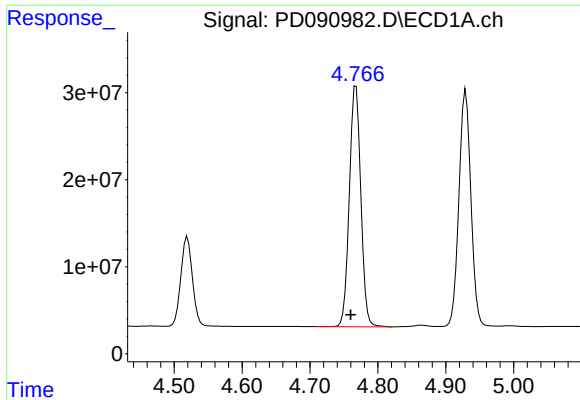
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.007 min
Response: 122447981
Conc: 46.74 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 936774545
Conc: 47.24 ng/ml



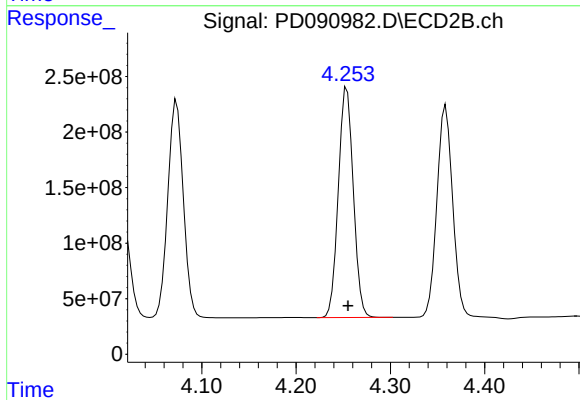
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.008 min
Response: 325509273
Conc: 48.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

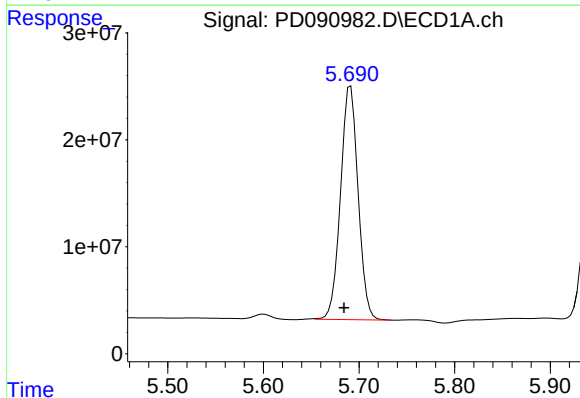
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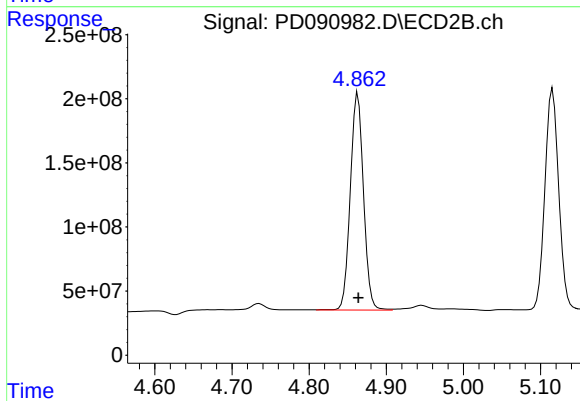
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2289320133
Conc: 47.98 ng/ml



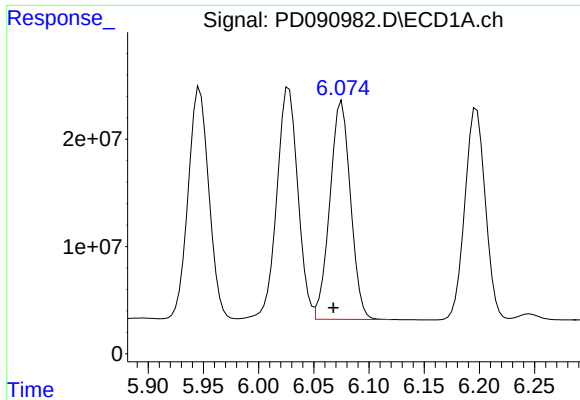
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.005 min
Response: 279396128
Conc: 48.26 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 2002966452
Conc: 46.98 ng/ml



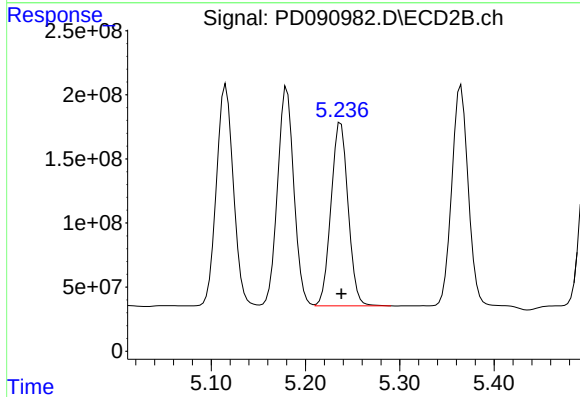
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.007 min
Response: 265706798
Conc: 47.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

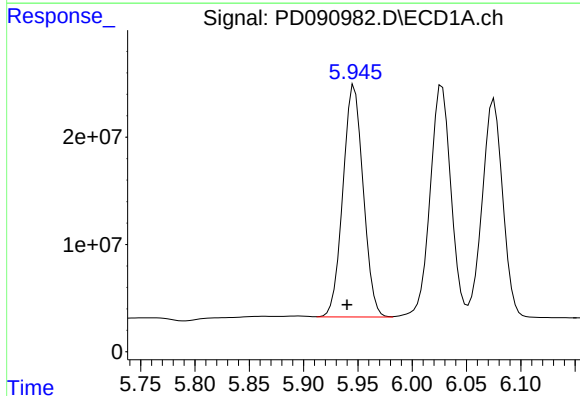
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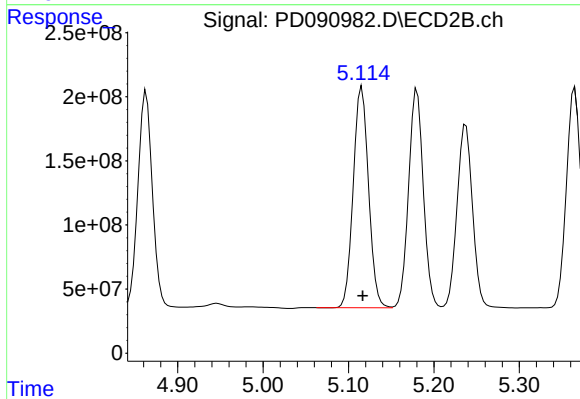
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 1798225013
Conc: 45.65 ng/ml



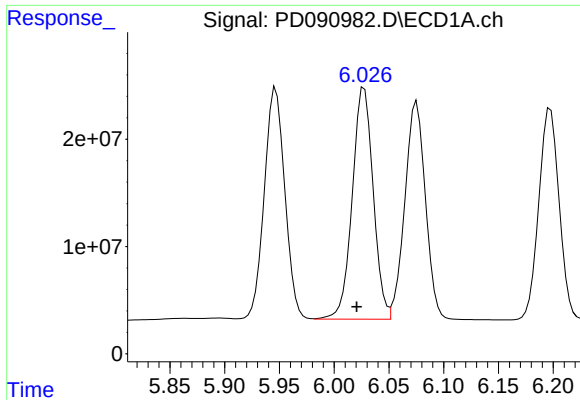
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.007 min
Response: 281334510
Conc: 47.43 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 2143725288
Conc: 47.69 ng/ml



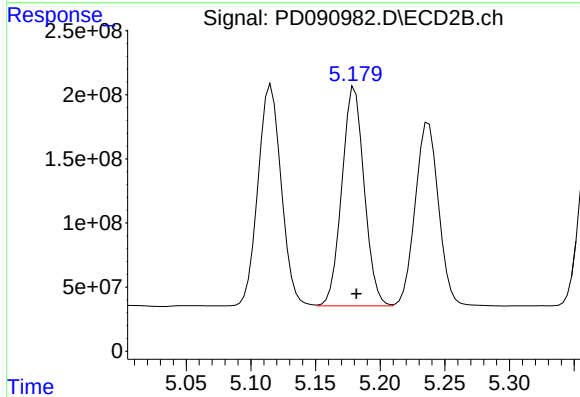
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.007 min
Response: 287839095
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

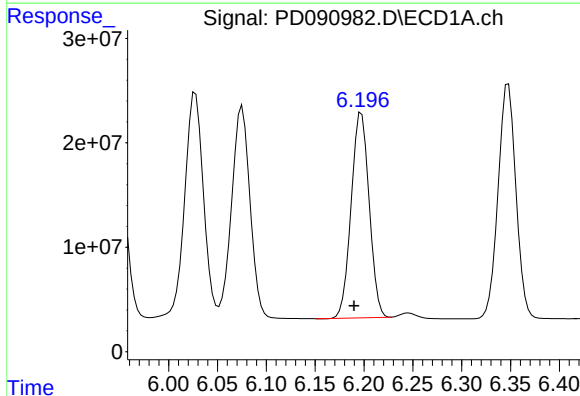
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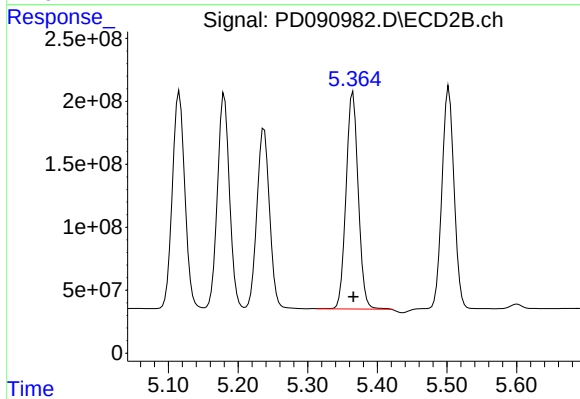
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 2047627006
Conc: 47.47 ng/ml



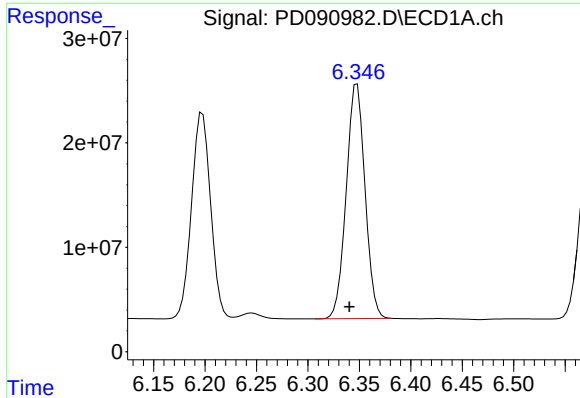
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.007 min
Response: 252061535
Conc: 47.32 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 2100868758
Conc: 47.92 ng/ml



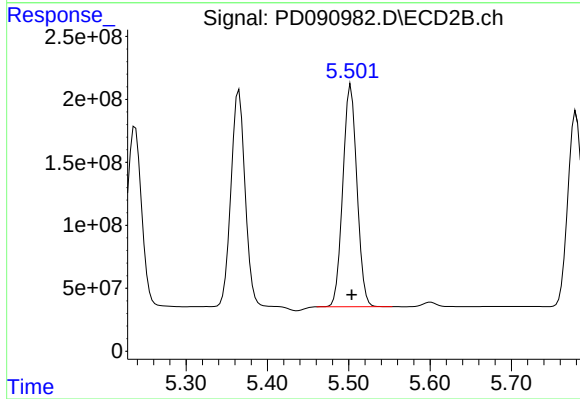
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.007 min
Response: 285395542
Conc: 48.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

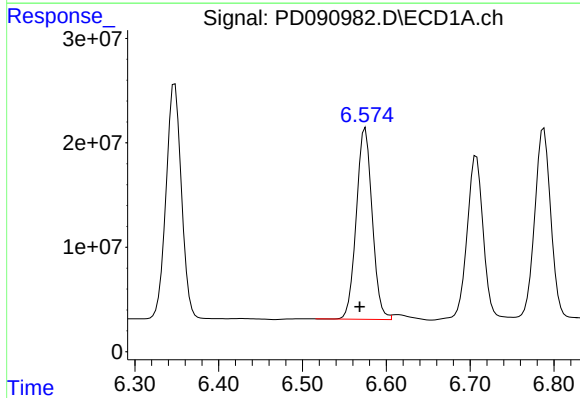
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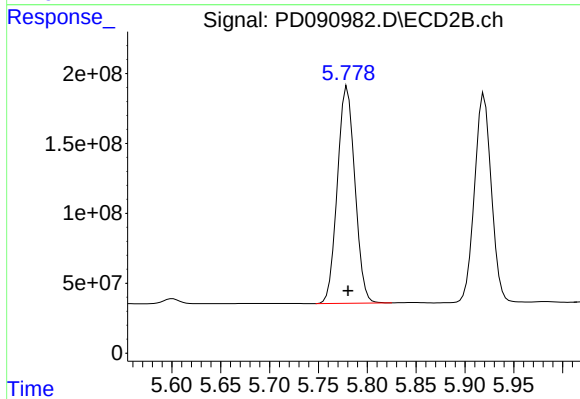
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 2119897318
Conc: 47.98 ng/ml



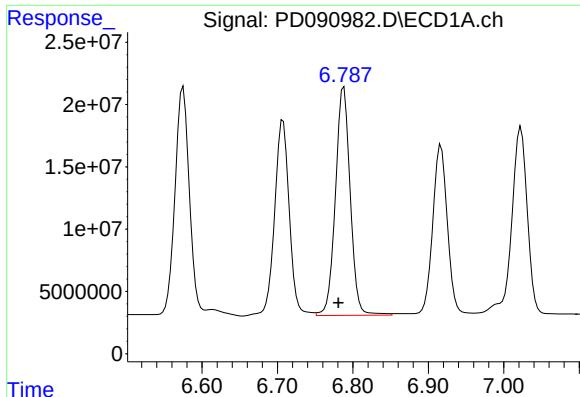
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.007 min
Response: 241485888
Conc: 48.75 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1938089943
Conc: 47.86 ng/ml



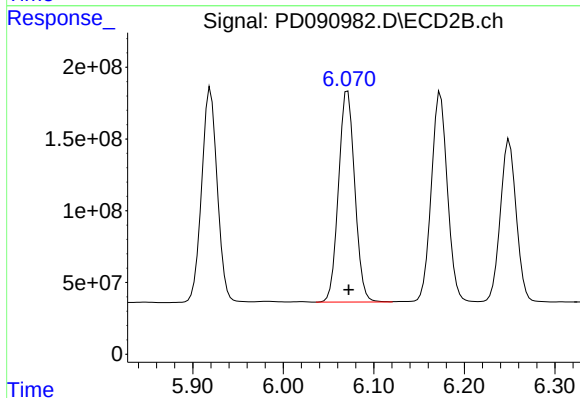
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.007 min
Response: 250182032
Conc: 50.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

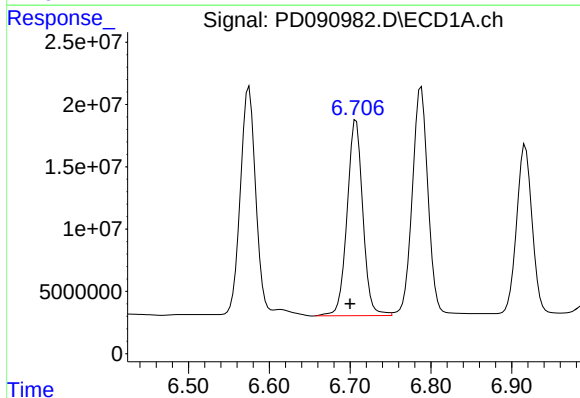
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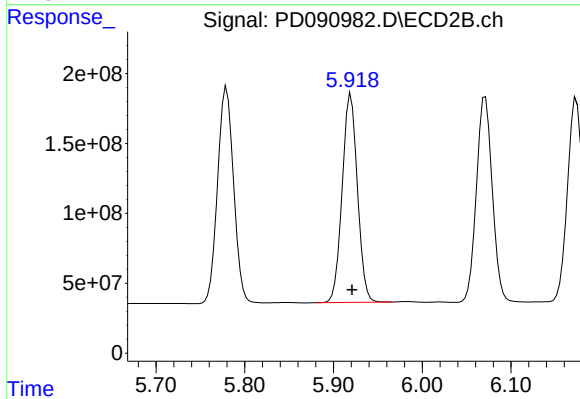
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 1832307112
Conc: 48.79 ng/ml



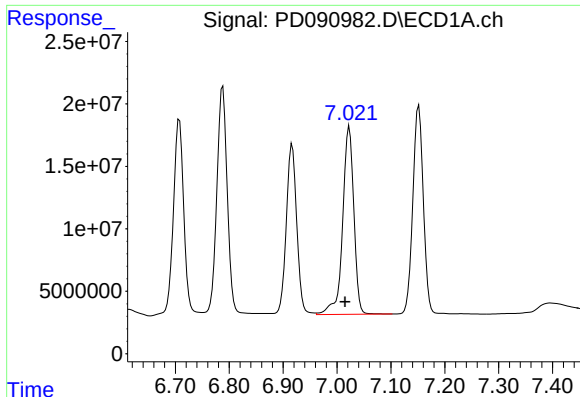
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.007 min
Response: 212673065
Conc: 52.46 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.001 min
Response: 1780242552
Conc: 48.86 ng/ml



#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.007 min
Response: 217116473
Conc: 52.82 ng/ml

Instrument :

ECD_D

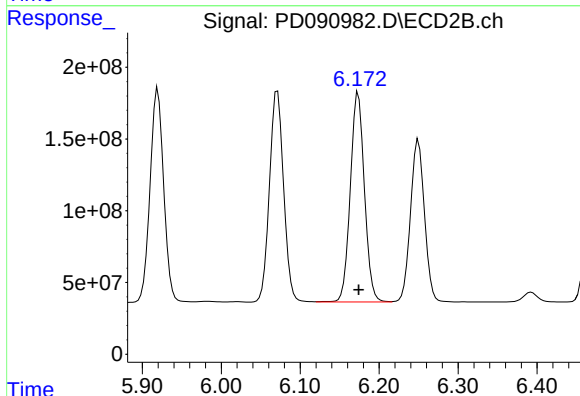
ClientSampleId :

PSTDCCC050

Manual Integrations

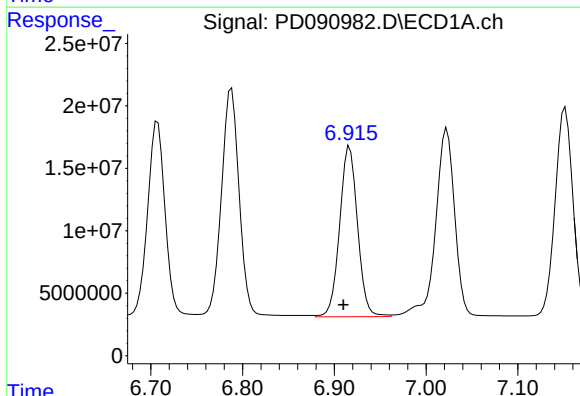
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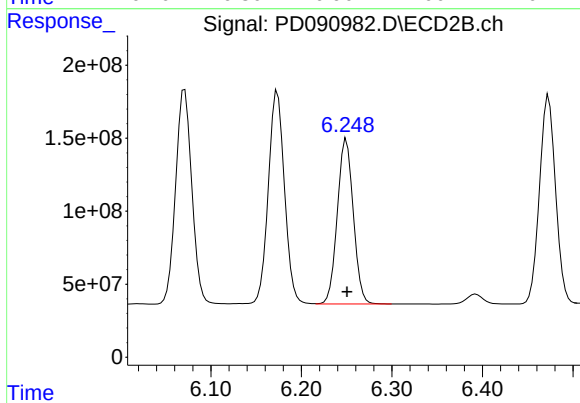
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1816559520
Conc: 51.79 ng/ml



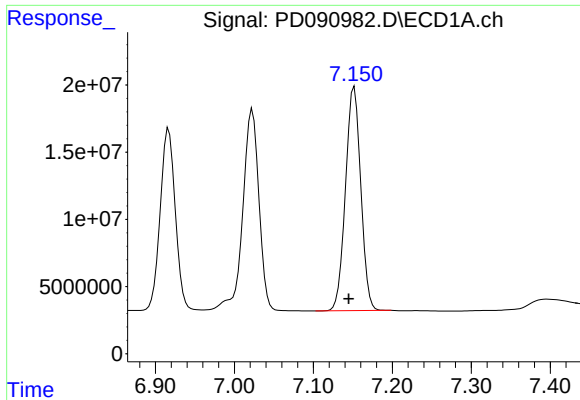
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.007 min
Response: 184804691
Conc: 50.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1386971429
Conc: 50.08 ng/ml



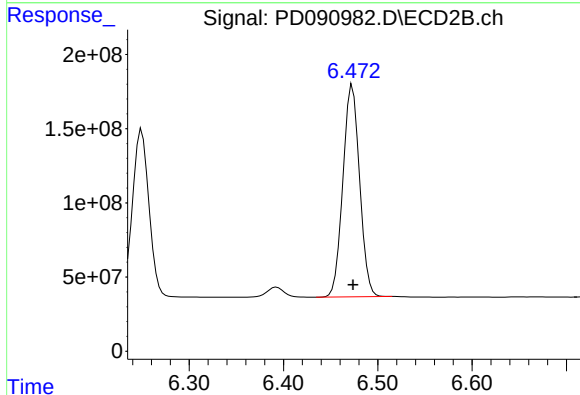
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.007 min
Response: 224662623
Conc: 48.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

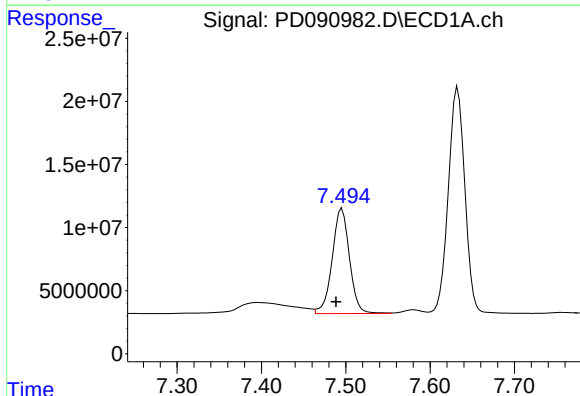
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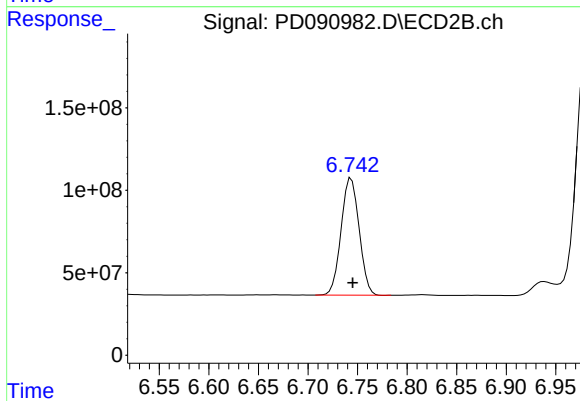
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 1761205931
Conc: 49.13 ng/ml



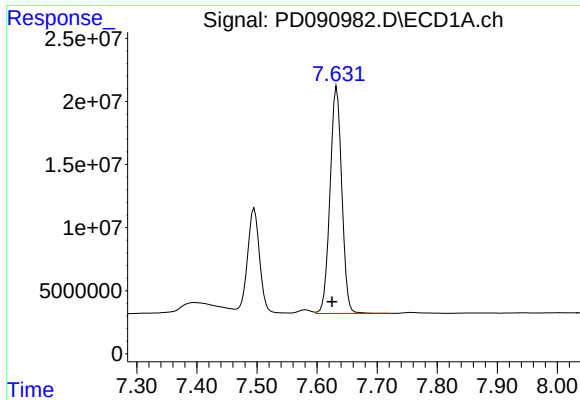
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.007 min
Response: 118578766
Conc: 55.79 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 899703750
Conc: 51.62 ng/ml



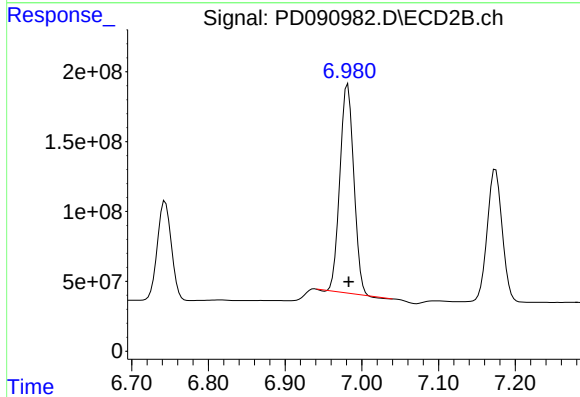
#21 Endrin ketone

R.T.: 7.633 min
Delta R.T.: 0.008 min
Response: 244864370
Conc: 50.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

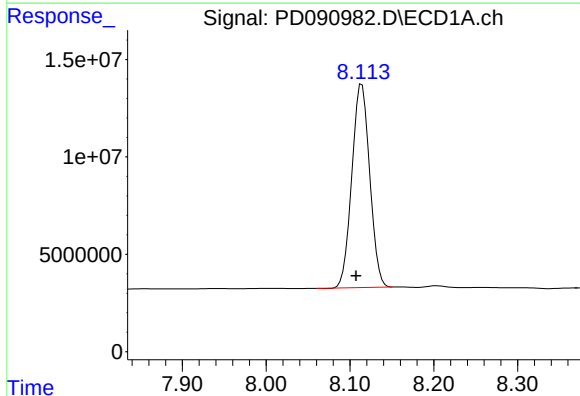
Manual Integrations
APPROVED

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



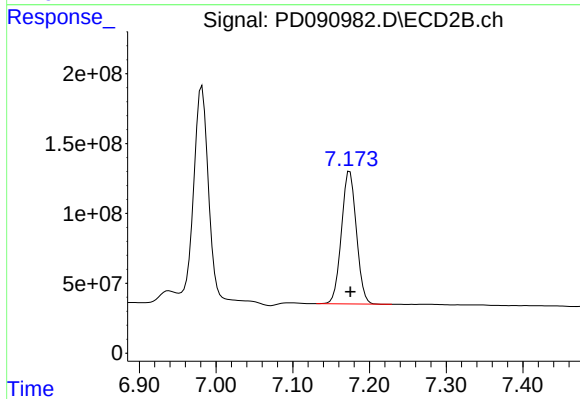
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.001 min
Response: 1869932156
Conc: 49.58 ng/ml



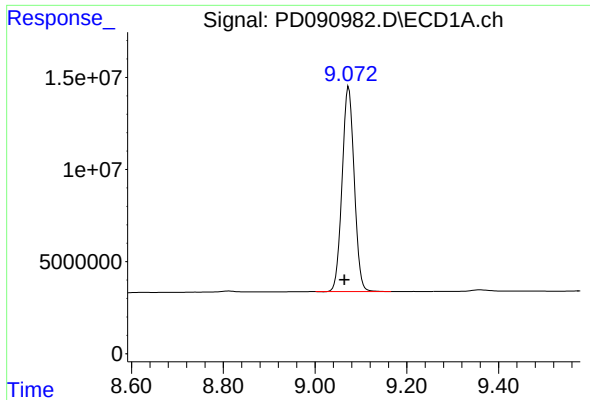
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.007 min
Response: 154882812
Conc: 48.39 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 1288026794
Conc: 50.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.009 min
Response: 204075278
Conc: 43.62 ng/ml

Instrument :

ECD_D

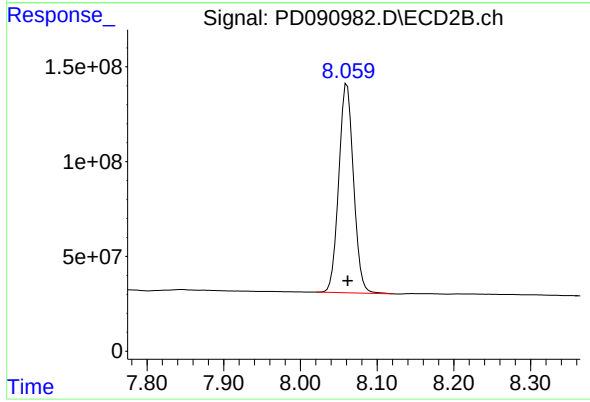
ClientSampleId :

PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 1474244093
Conc: 48.67 ng/ml