

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
 Data File : PD090474.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 21:19
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:25:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.545	2.876	163.0E6	1318.8E6	50.143	48.044
28)	SA Decachlor...	9.065	8.062	252.7E6	1610.9E6	52.382	49.697
Target Compounds							
2)	A alpha-BHC	3.995	3.387	390.6E6	2283.1E6	55.920	52.145
3)	MA gamma-BHC...	4.326	3.723	367.3E6	2114.2E6	55.506	51.901
4)	MA Heptachlor	4.924	4.076	376.1E6	2126.4E6	56.879	52.225
5)	MB Aldrin	5.265	4.361	358.3E6	2057.1E6	56.428	51.512
6)	B beta-BHC	4.512	4.019	135.6E6	858.7E6	52.573	49.534
7)	B delta-BHC	4.759	4.255	369.7E6	2127.3E6	57.249m	51.516
8)	B Heptachlo...	5.685	4.865	326.1E6	1952.1E6	57.065	52.953
9)	A Endosulfan I	6.067	5.239	303.3E6	1647.6E6	56.151m	47.612
10)	B gamma-Chl...	5.940	5.118	316.7E6	2019.3E6	55.450	51.398
11)	B alpha-Chl...	6.020	5.182	337.8E6	1929.5E6	58.632m	51.229
12)	B 4,4'-DDE	6.190	5.367	292.4E6	1995.0E6	56.158	52.118
13)	MA Dieldrin	6.341	5.504	335.4E6	2017.5E6	58.175	51.803
14)	MA Endrin	6.568	5.782	290.3E6	1940.0E6	59.327	54.141
15)	B Endosulfa...	6.779	6.073	280.8E6	1758.0E6	57.559m	52.088
16)	A 4,4'-DDD	6.698	5.921	230.4E6	1663.4E6	56.234m	51.295
17)	MA 4,4'-DDT	7.016	6.175	265.5E6	1804.6E6	59.625	52.493
18)	B Endrin al...	6.909	6.251	200.5E6	1290.9E6	58.439m	54.822
19)	B Endosulfa...	7.145	6.474	261.5E6	1709.8E6	56.850	52.303
20)	A Methoxychlor	7.489	6.745	138.0E6	921.4E6	58.568	52.951
21)	B Endrin ke...	7.626	6.981	282.0E6	1963.2E6	56.997	54.377m
22)	Mirex	8.107	7.176	183.9E6	1268.8E6	49.628m	45.961

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
Data File : PD090474.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 21:19
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

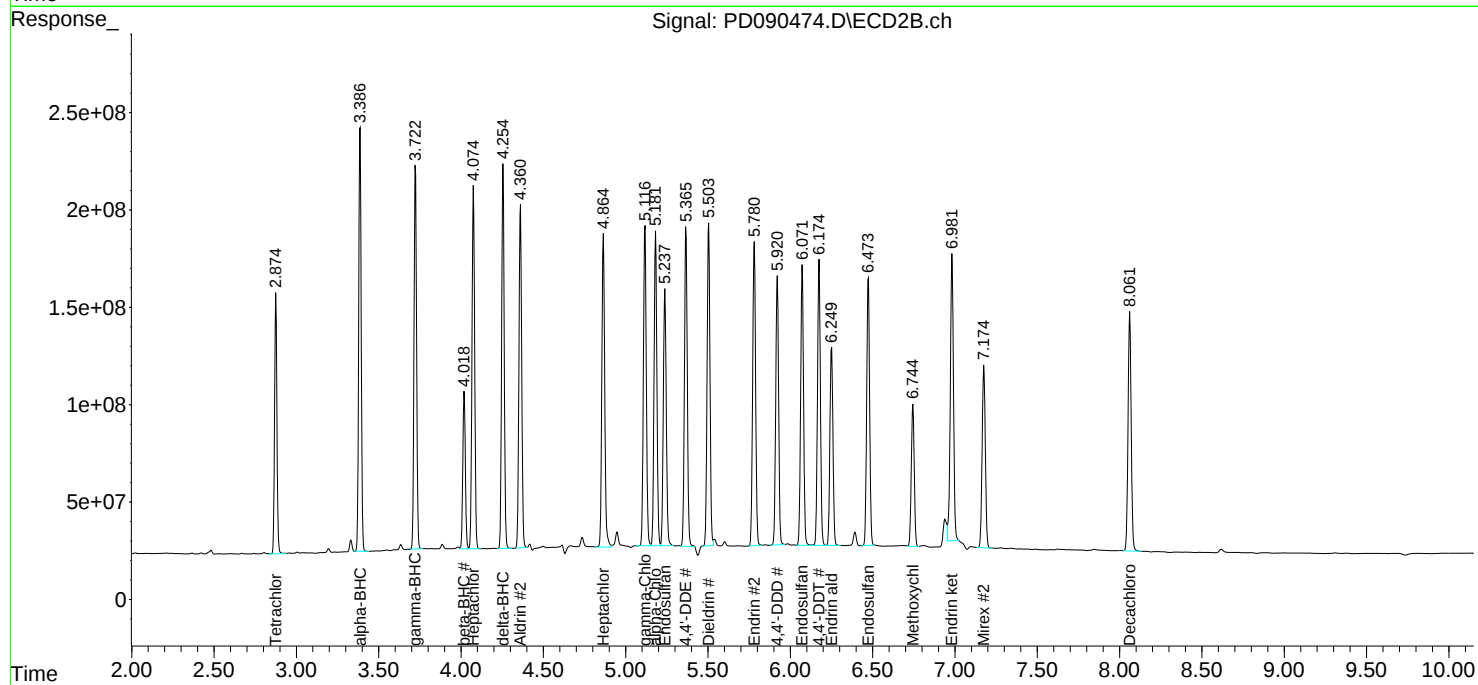
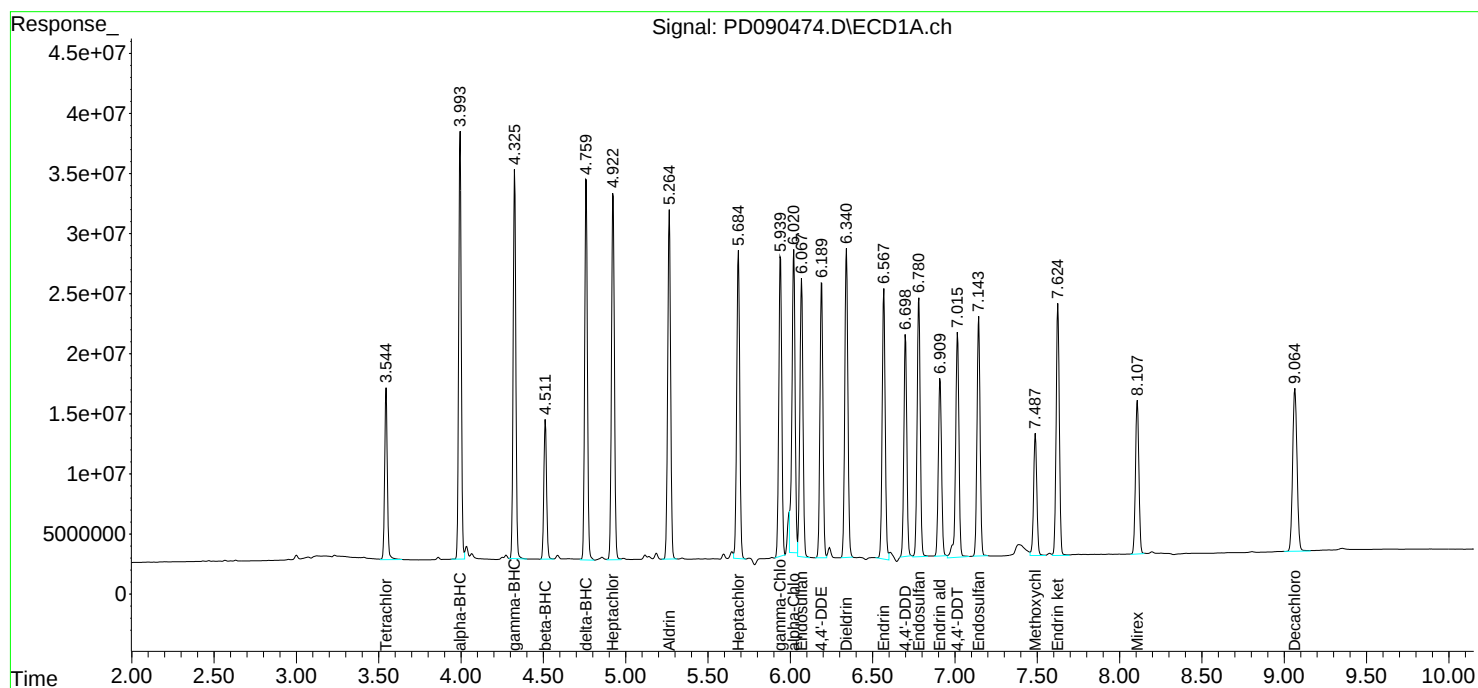
APPROVED

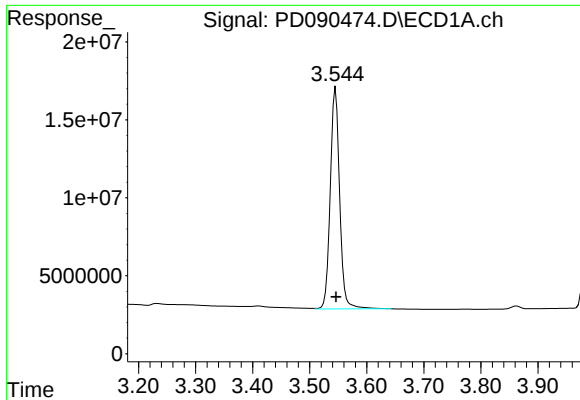
Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:25:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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





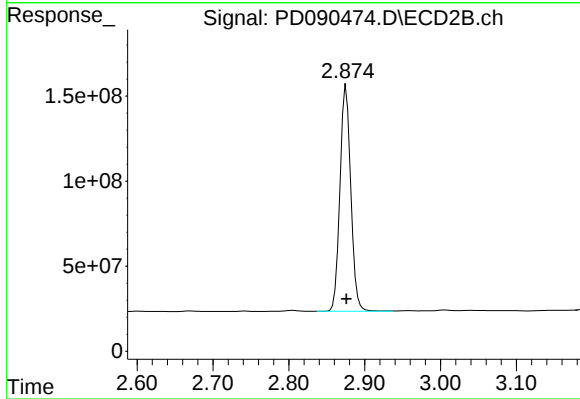
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 162987839
Conc: 50.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

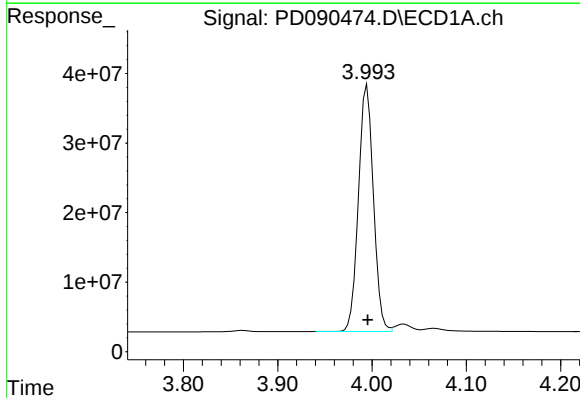
Manual Integrations
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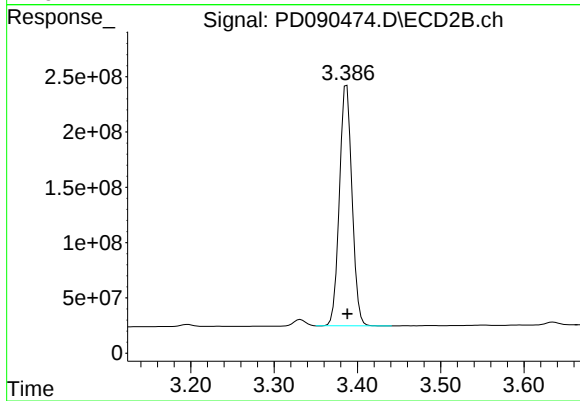
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 1318812798
Conc: 48.04 ng/ml



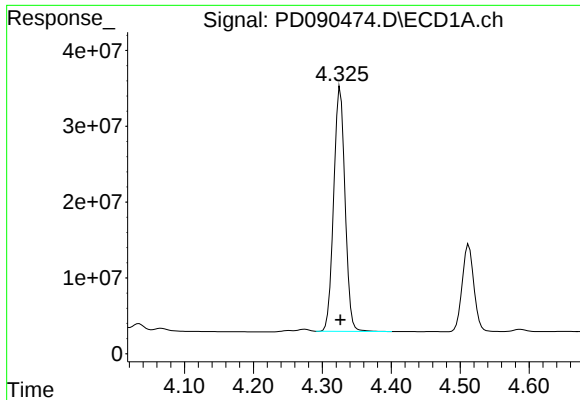
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 390577844
Conc: 55.92 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 2283053942
Conc: 52.14 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 367274429
Conc: 55.51 ng/ml

Instrument :

ECD_D

ClientSampleId :

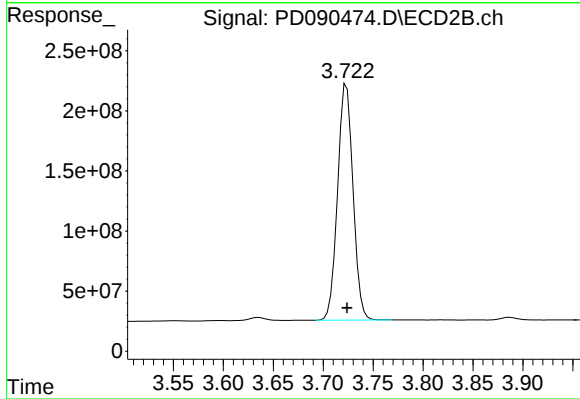
PSTDCCC050

Manual Integrations

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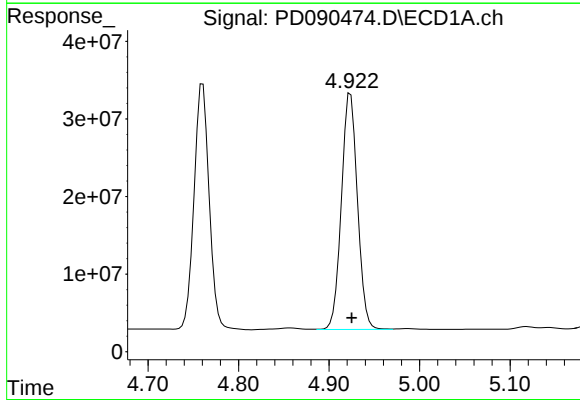
Reviewed By :Abdul Mirza 10/01/2025

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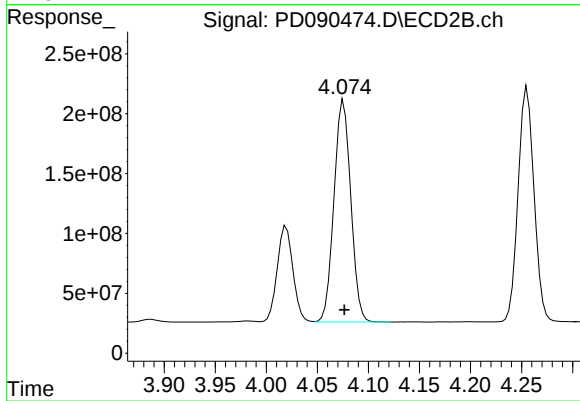
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 2114199231
Conc: 51.90 ng/ml



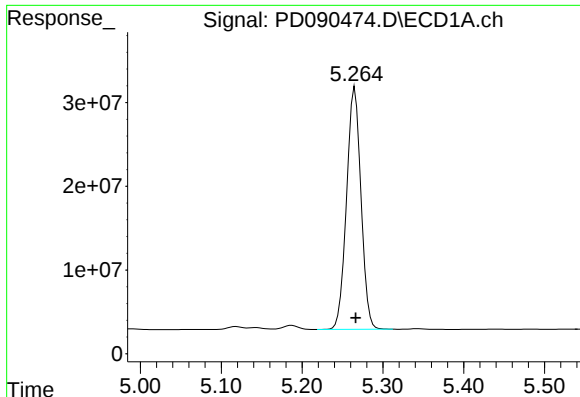
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 376117730
Conc: 56.88 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 2126444949
Conc: 52.23 ng/ml



#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 358316439
Conc: 56.43 ng/ml

Instrument :

ECD_D

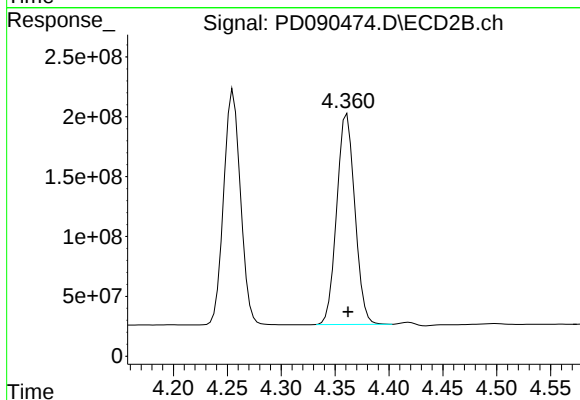
ClientSampleId :

PSTDCCC050

Manual Integrations

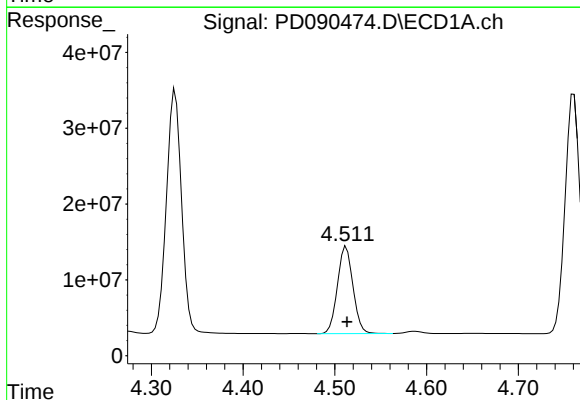
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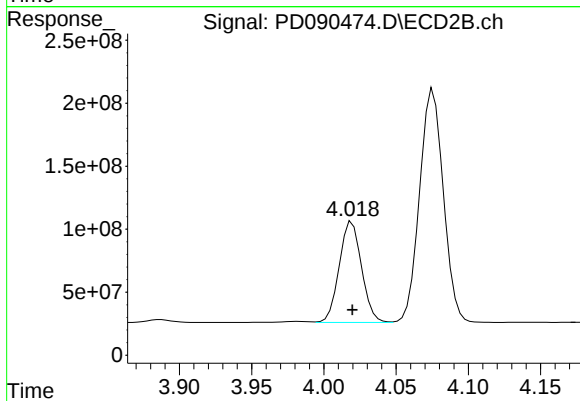
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 2057114886
Conc: 51.51 ng/ml



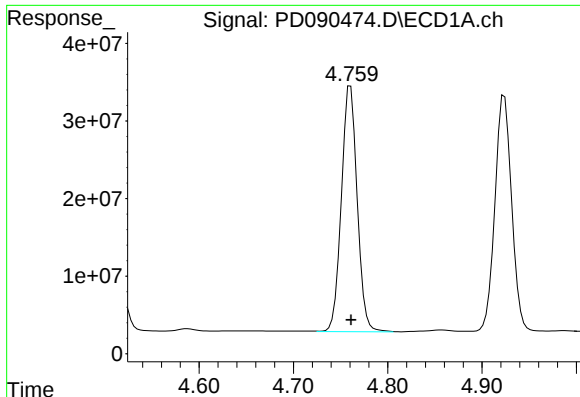
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 135632917
Conc: 52.57 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 858692879
Conc: 49.53 ng/ml



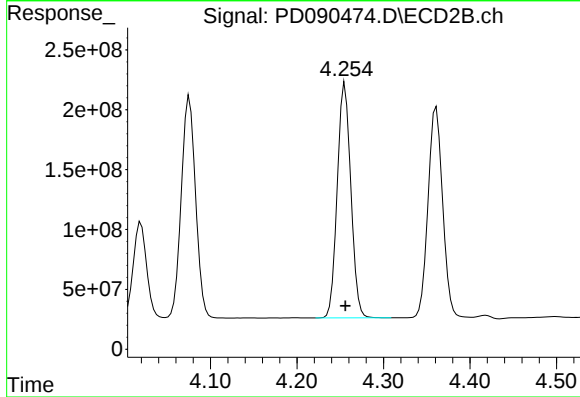
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 369688204
Conc: 57.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

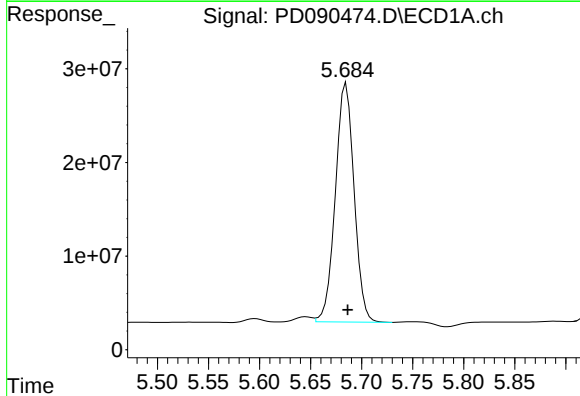
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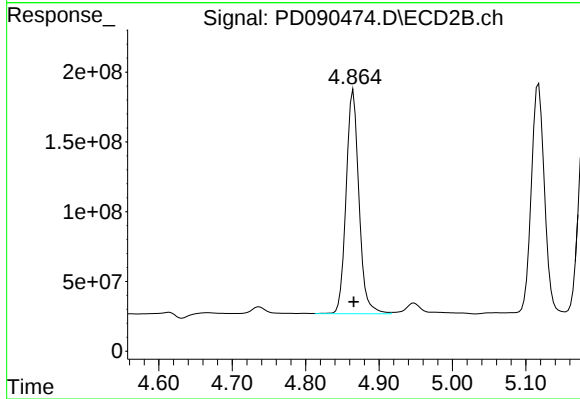
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2127336476
Conc: 51.52 ng/ml



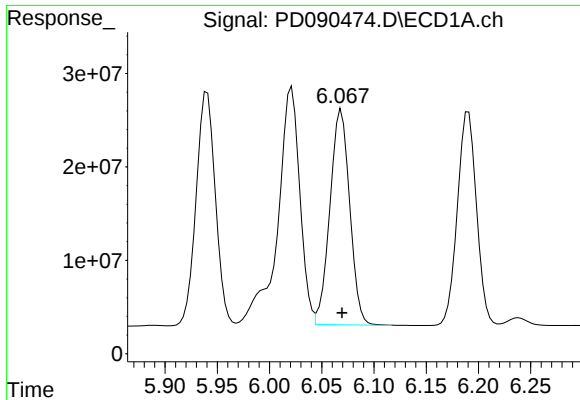
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.001 min
Response: 326120521
Conc: 57.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 1952113001
Conc: 52.95 ng/ml



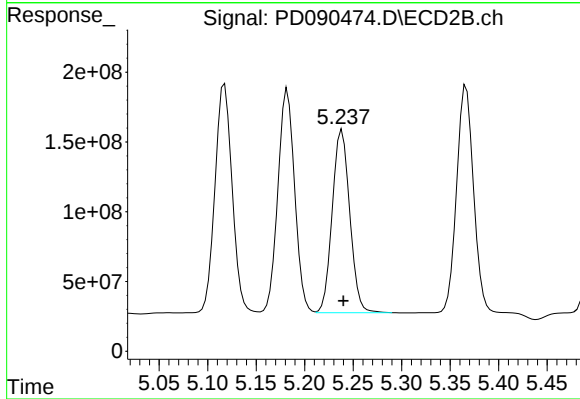
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 303299945
Conc: 56.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

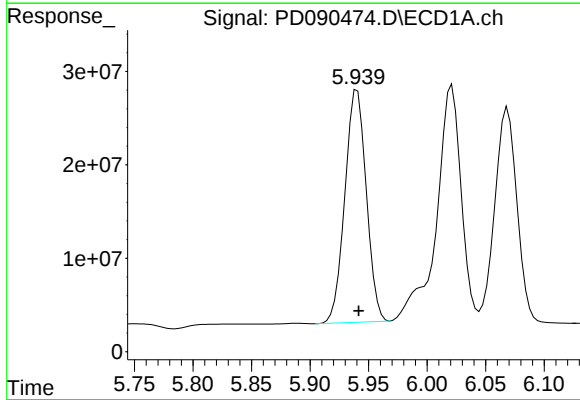
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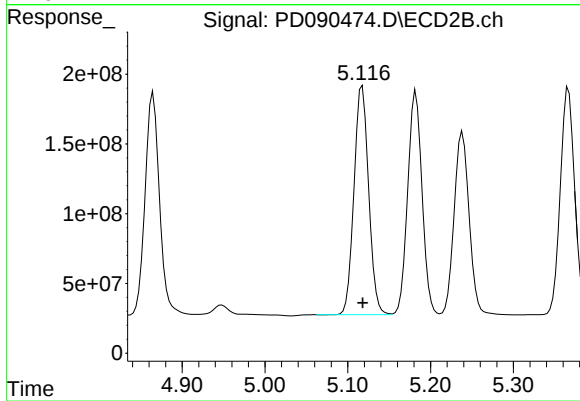
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 1647633461
Conc: 47.61 ng/ml



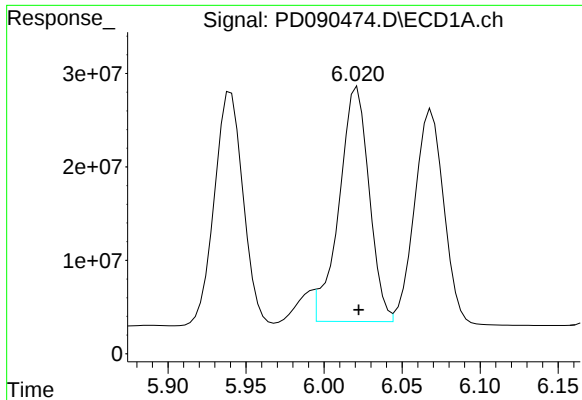
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 316724814
Conc: 55.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 2019251339
Conc: 51.40 ng/ml



#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 337767001
Conc: 58.63 ng/ml

Instrument :

ECD_D

ClientSampleId :

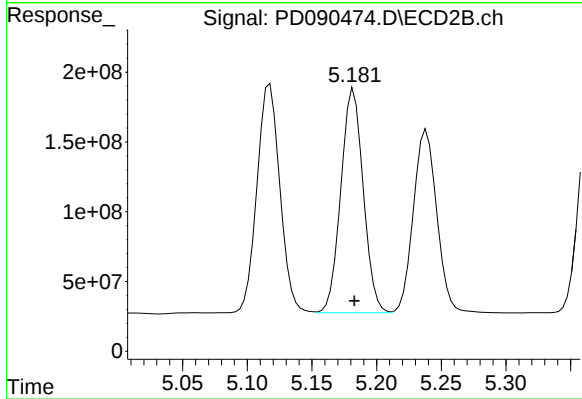
PSTDCCC050

Manual Integrations

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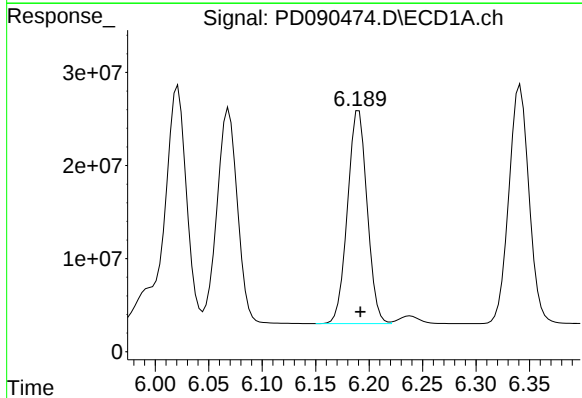
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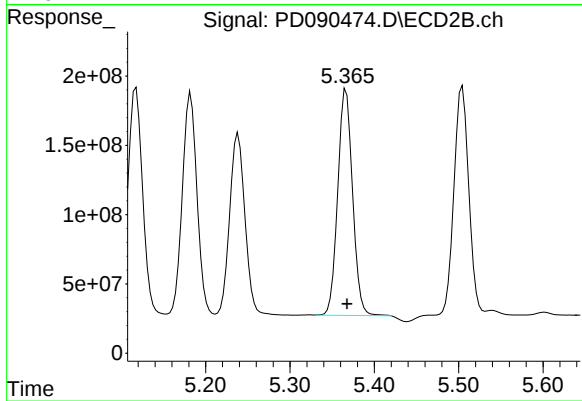
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 1929549912
Conc: 51.23 ng/ml



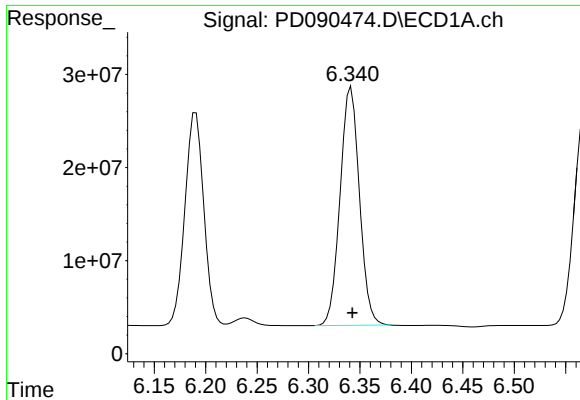
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.001 min
Response: 292443886
Conc: 56.16 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 1995034706
Conc: 52.12 ng/ml



#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.001 min
Response: 335360159
Conc: 58.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

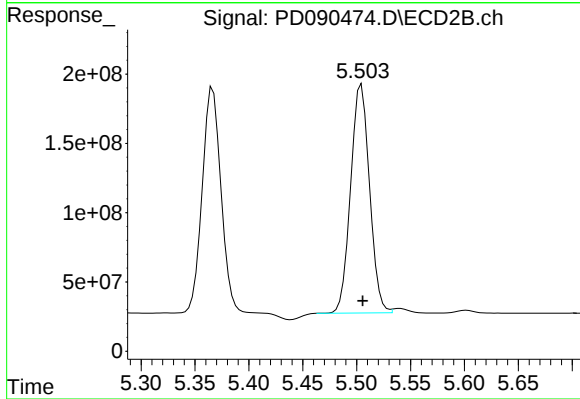
PSTDCCC050

Manual Integrations

APPROVED

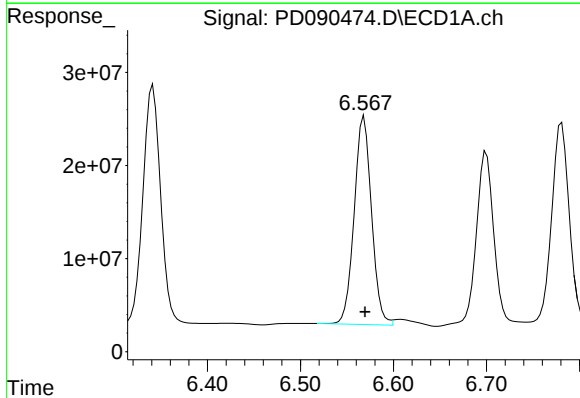
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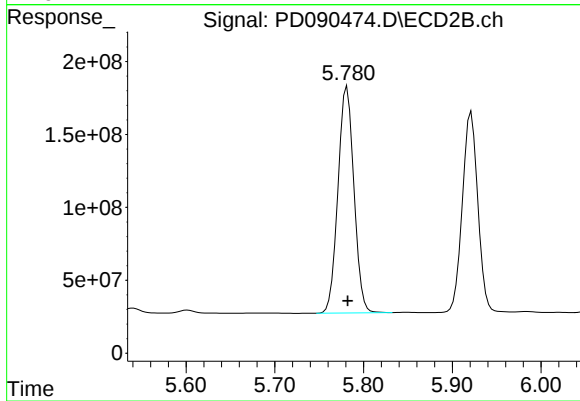
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 2017515755
Conc: 51.80 ng/ml



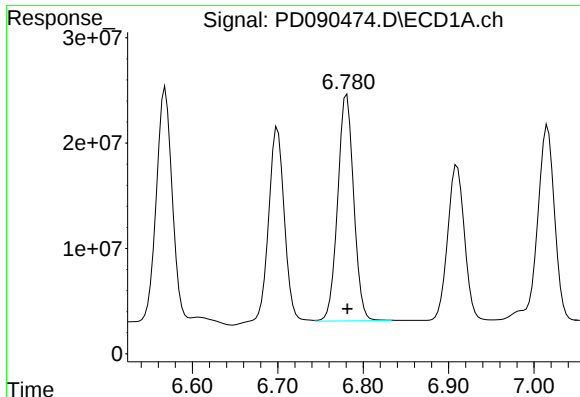
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.001 min
Response: 290342836
Conc: 59.33 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 1939975378
Conc: 54.14 ng/ml



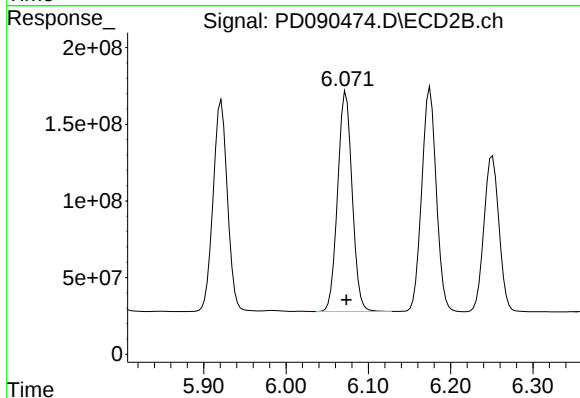
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.002 min
Response: 280759416
Conc: 57.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

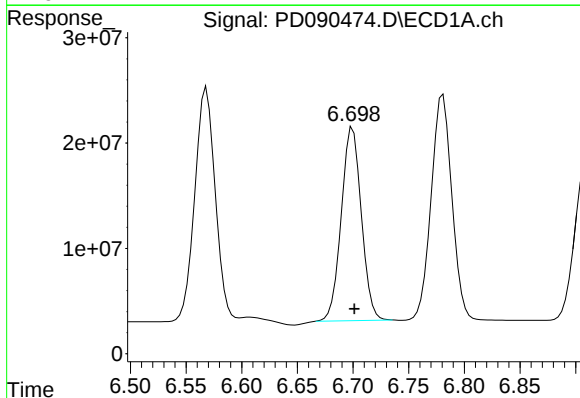
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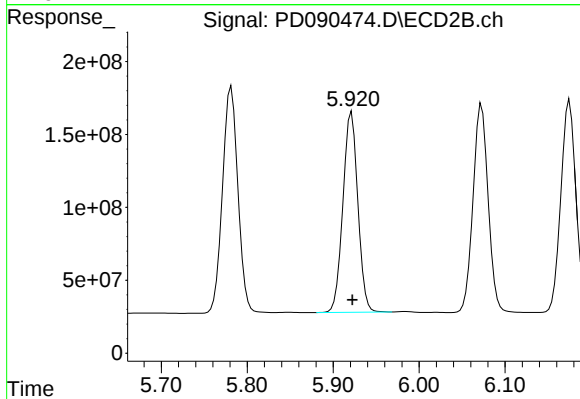
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 1758018130
Conc: 52.09 ng/ml



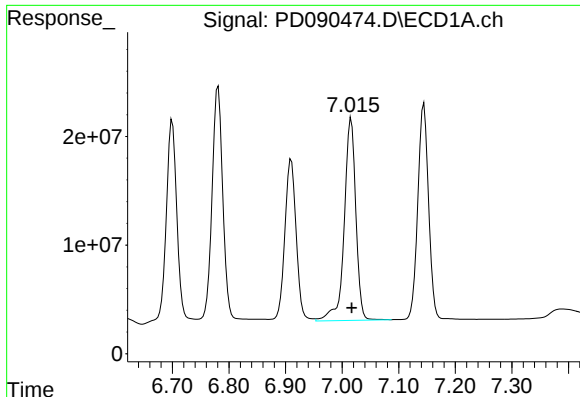
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.003 min
Response: 230436330
Conc: 56.23 ng/ml m



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1663369103
Conc: 51.29 ng/ml



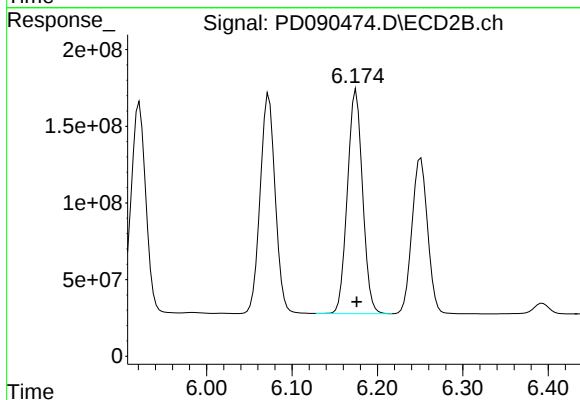
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 265479608
Conc: 59.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

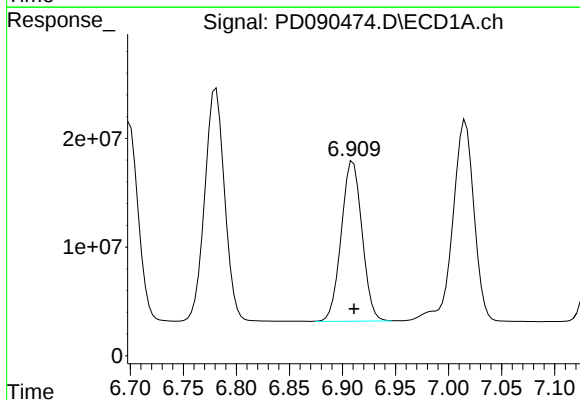
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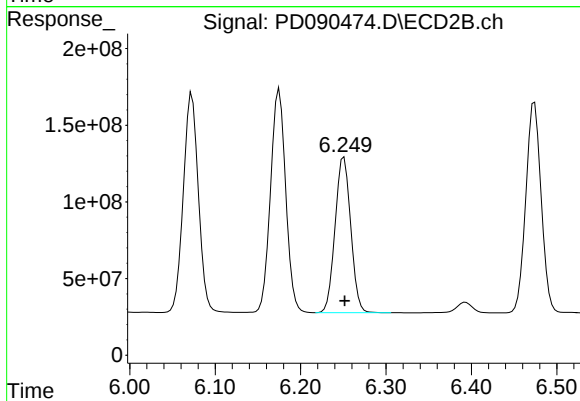
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 1804648229
Conc: 52.49 ng/ml



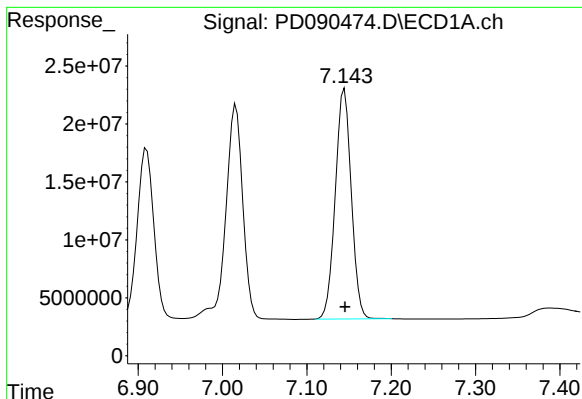
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.003 min
Response: 200478669
Conc: 58.44 ng/ml m



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 1290887040
Conc: 54.82 ng/ml



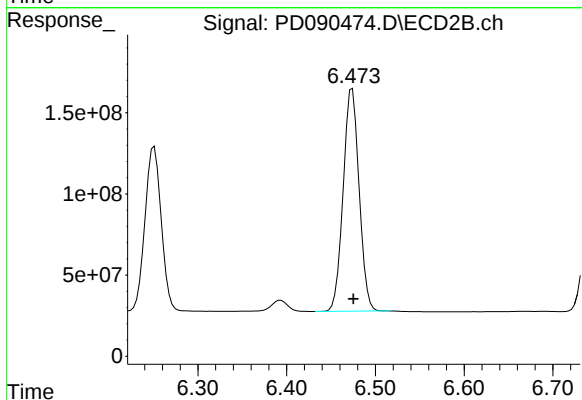
#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 261529051
Conc: 56.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

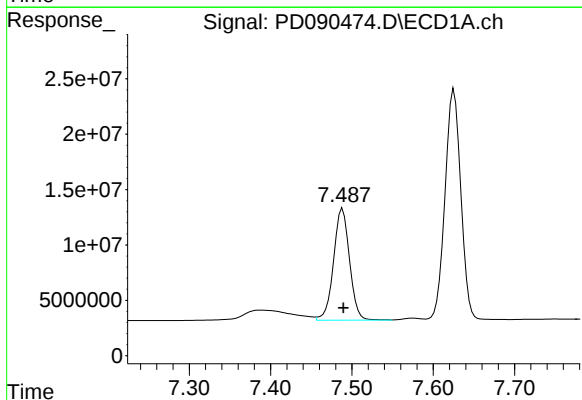
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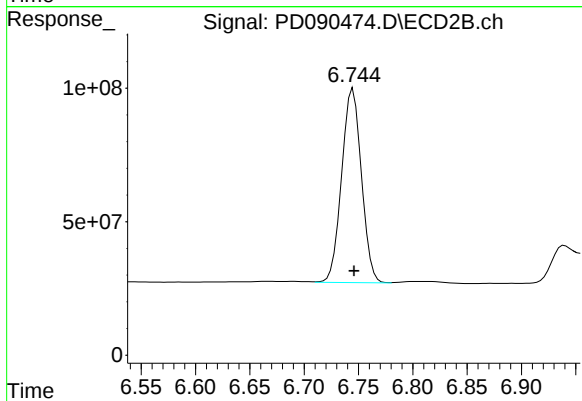
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1709802275
Conc: 52.30 ng/ml



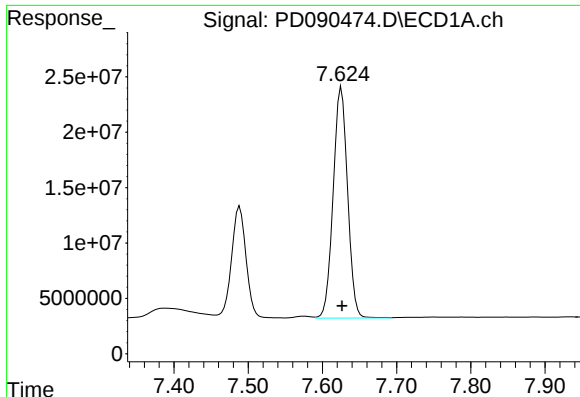
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 138015725
Conc: 58.57 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 921362744
Conc: 52.95 ng/ml



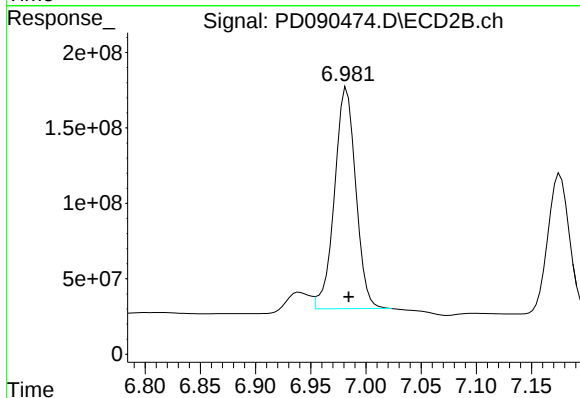
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 281986534
Conc: 57.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

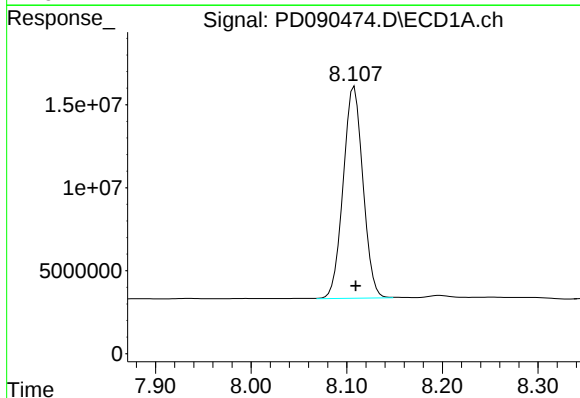
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



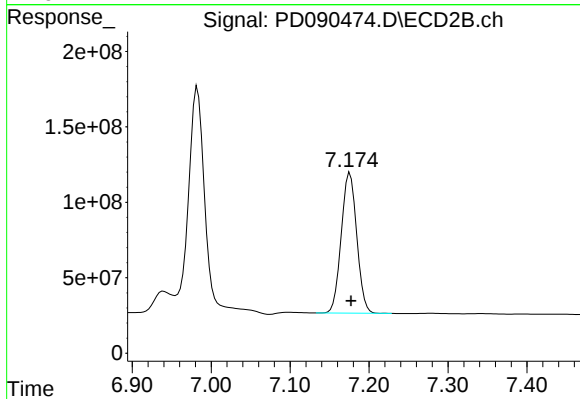
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 1963157495
Conc: 54.38 ng/ml m



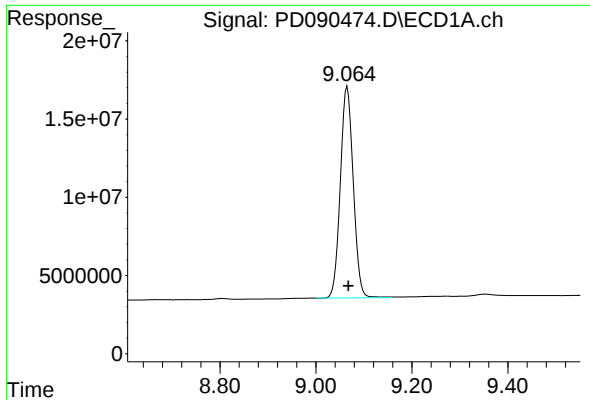
#22 Mirex

R.T.: 8.107 min
Delta R.T.: -0.003 min
Response: 183866127
Conc: 49.63 ng/ml m



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.002 min
Response: 1268799073
Conc: 45.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 252746357
Conc: 52.38 ng/ml

Instrument :

ECD_D

ClientSampleId :

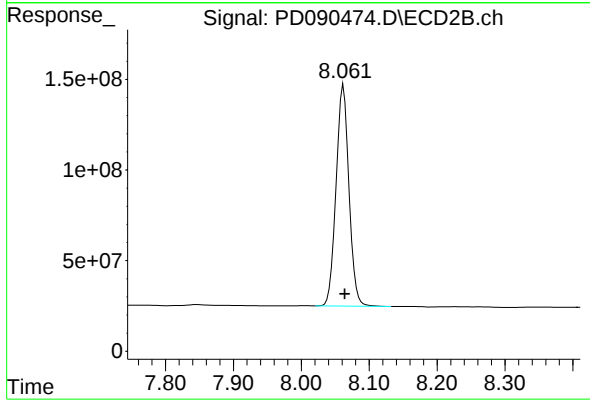
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 1610914035
Conc: 49.70 ng/ml