

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
 Data File : PD090463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 17:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 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 02:22:49 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	153.0E6	1253.4E6	47.081	45.660
28)	SA Decachlor...	9.065	8.061	226.4E6	1421.3E6	46.930	43.848
Target Compounds							
2)	A alpha-BHC	3.995	3.387	368.9E6	2164.8E6	52.818	49.444
3)	MA gamma-BHC...	4.326	3.723	348.1E6	1999.5E6	52.614	49.085
4)	MA Heptachlor	4.924	4.075	354.8E6	2031.1E6	53.649	49.885
5)	MB Aldrin	5.265	4.361	339.8E6	1976.8E6	53.513	49.501
6)	B beta-BHC	4.512	4.019	129.2E6	821.8E6	50.069	47.407
7)	B delta-BHC	4.759	4.255	346.1E6	2035.7E6	53.589m	49.297
8)	B Heptachlo...	5.685	4.864	307.6E6	1805.0E6	53.826	48.963
9)	A Endosulfan I	6.067	5.239	287.2E6	1572.6E6	53.167m	45.443
10)	B gamma-Chl...	5.941	5.117	302.8E6	1929.0E6	53.020	49.102
11)	B alpha-Chl...	6.020	5.182	312.9E6	1842.2E6	54.309m	48.909
12)	B 4,4'-DDE	6.190	5.366	273.5E6	1893.6E6	52.526	49.468
13)	MA Dieldrin	6.342	5.504	306.7E6	1925.1E6	53.198	49.430
14)	MA Endrin	6.568	5.781	268.9E6	1826.4E6	54.953	50.972
15)	B Endosulfa...	6.780	6.072	258.4E6	1645.0E6	52.977m	48.741
16)	A 4,4'-DDD	6.700	5.921	231.3E6	1564.9E6	56.443	48.257
17)	MA 4,4'-DDT	7.016	6.175	243.8E6	1679.2E6	54.756	48.845
18)	B Endrin al...	6.910	6.250	197.4E6	1227.5E6	57.542	52.132
19)	B Endosulfa...	7.145	6.474	242.4E6	1595.4E6	52.686	48.803
20)	A Methoxychlor	7.488	6.745	124.8E6	855.8E6	52.974	49.184
21)	B Endrin ke...	7.626	6.983	257.9E6	1628.3E6	52.137	45.101
22)	Mirex	8.108	7.176	169.1E6	1153.3E6	45.635	41.777

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD093025\
Data File : PD090463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 17:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

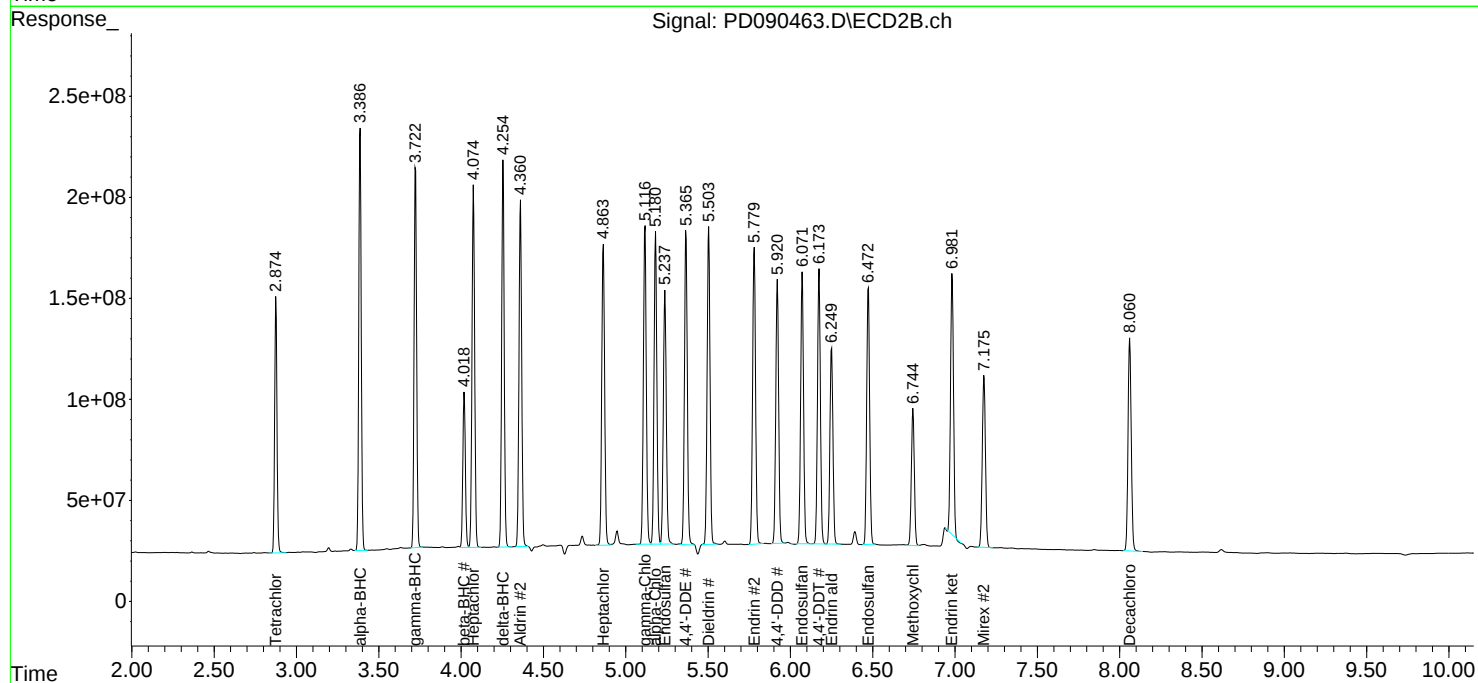
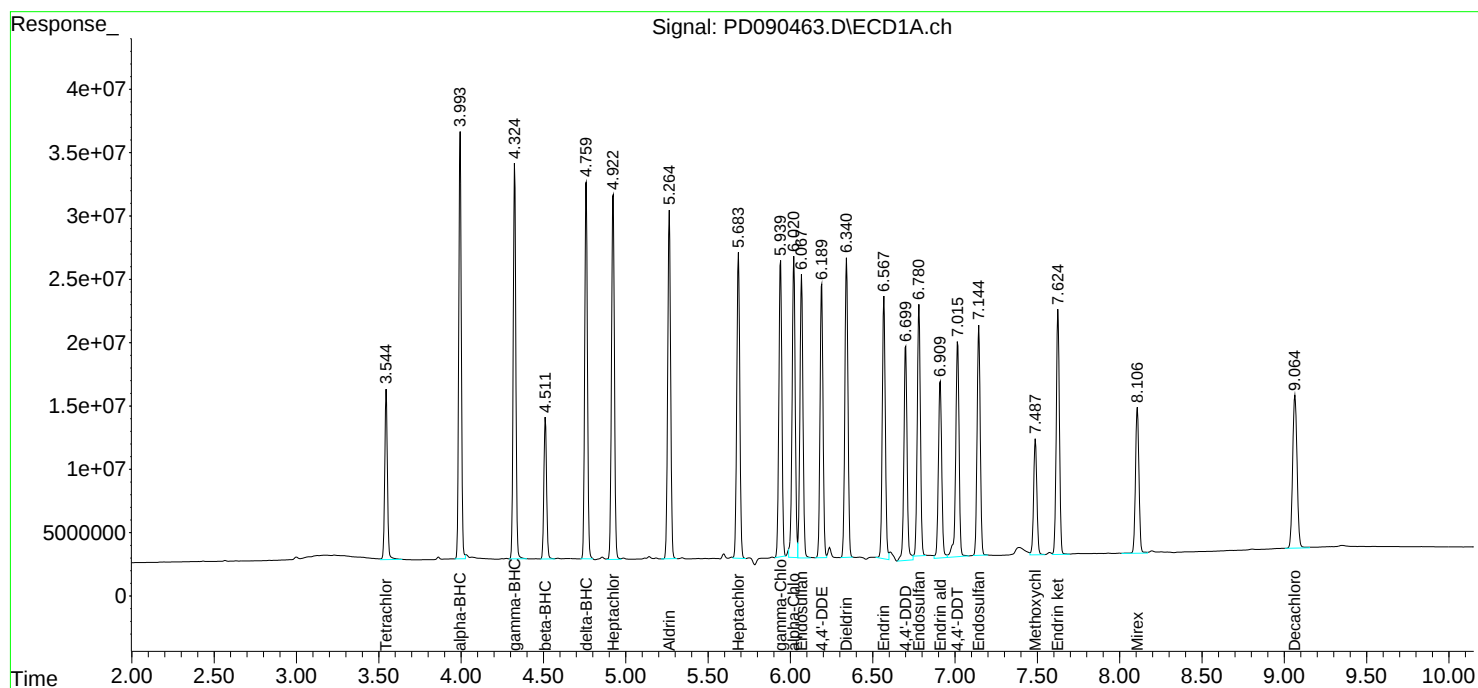
APPROVED

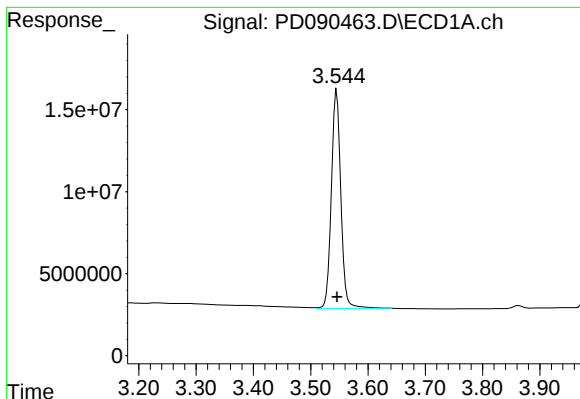
Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:22:49 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: 153035325
Conc: 47.08 ng/ml

Instrument :

ECD_D

ClientSampleId :

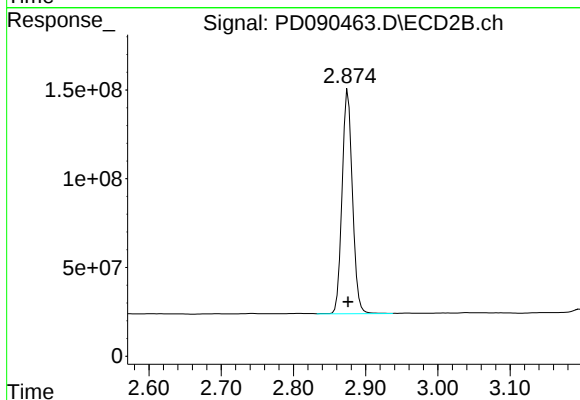
PSTDCCC050

Manual Integrations

APPROVED

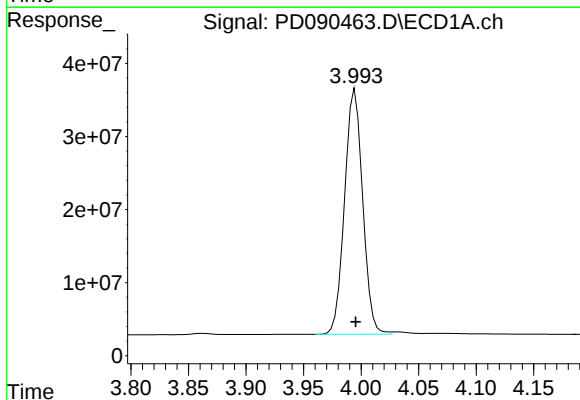
Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



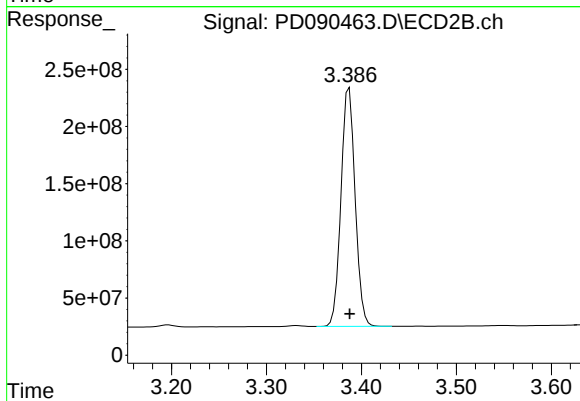
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 1253365548
Conc: 45.66 ng/ml



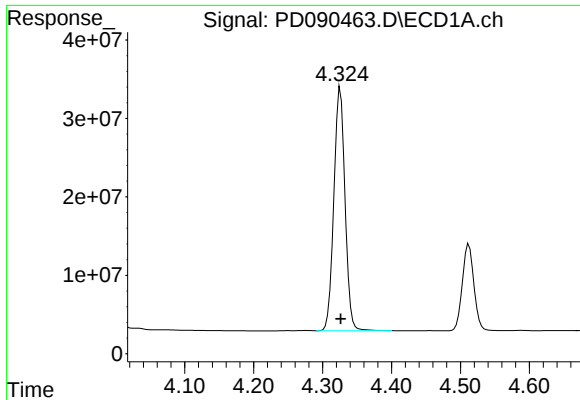
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 368912494
Conc: 52.82 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 2164822116
Conc: 49.44 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 348139439
Conc: 52.61 ng/ml

Instrument :

ECD_D

ClientSampleId :

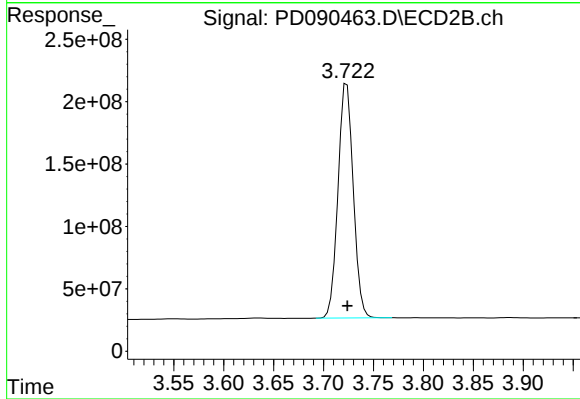
PSTDCCC050

Manual Integrations

APPROVED

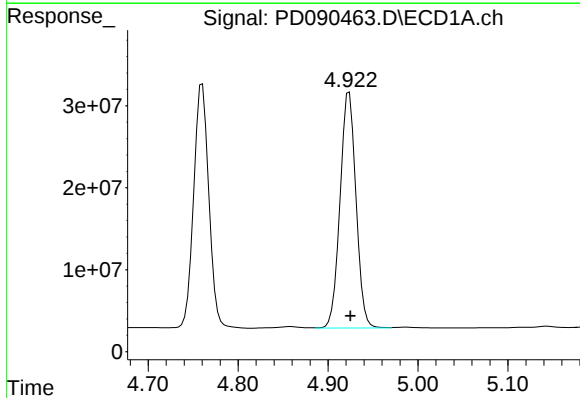
Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



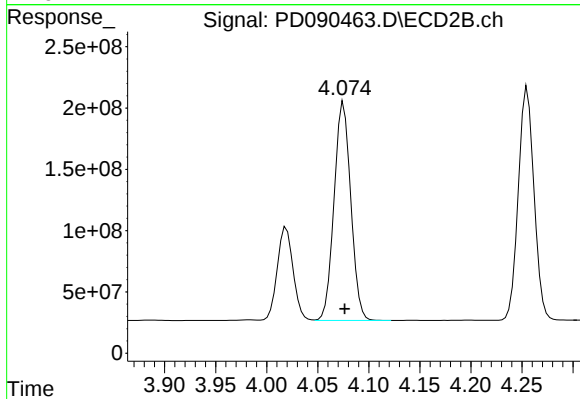
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 1999519095
Conc: 49.09 ng/ml



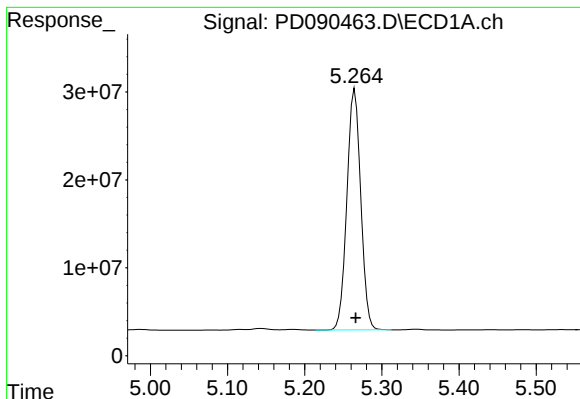
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: -0.001 min
Response: 354759463
Conc: 53.65 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 2031145596
Conc: 49.88 ng/ml



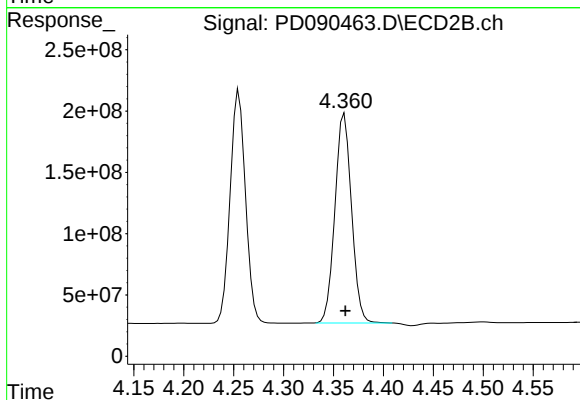
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 339804323
Conc: 53.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

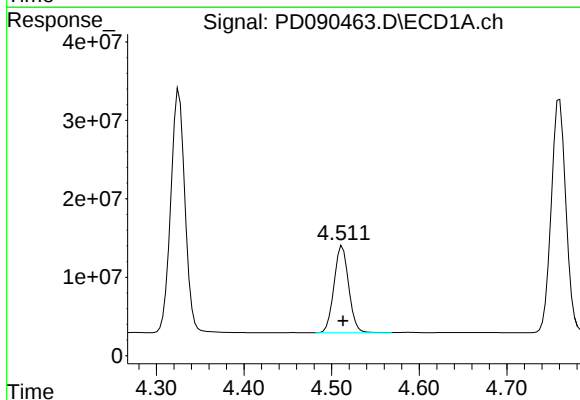
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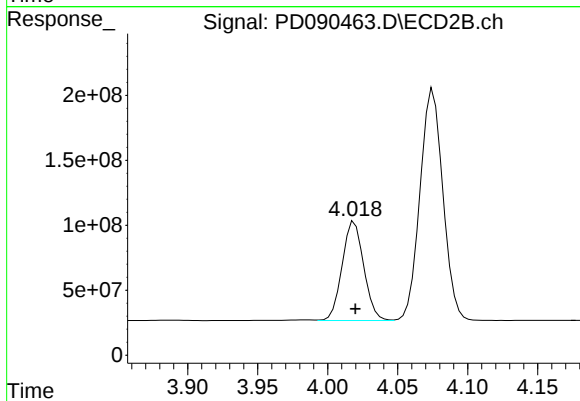
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.001 min
Response: 1976804252
Conc: 49.50 ng/ml



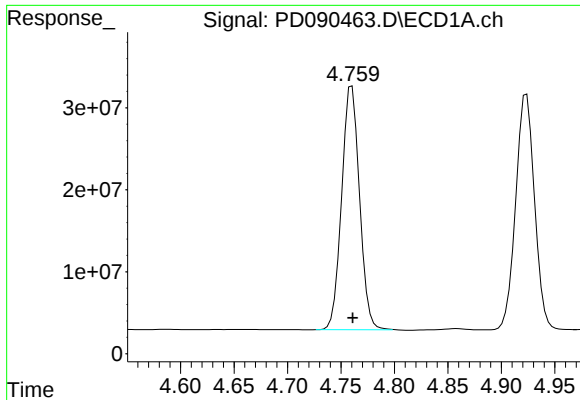
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 129174194
Conc: 50.07 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 821820739
Conc: 47.41 ng/ml



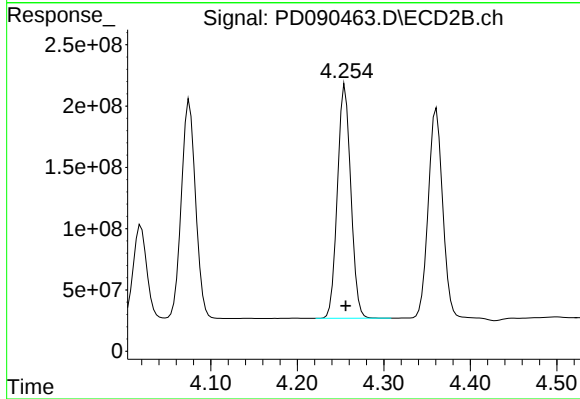
#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 346051423
Conc: 53.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

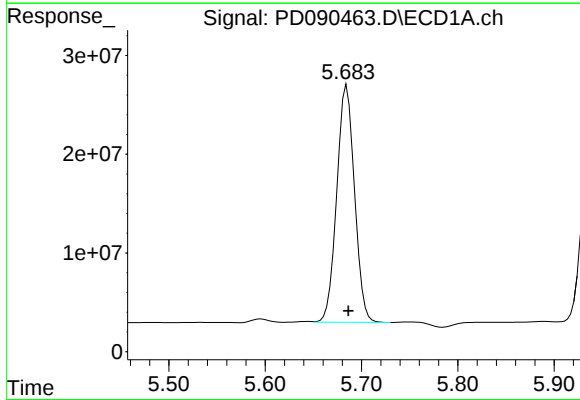
Manual Integrations
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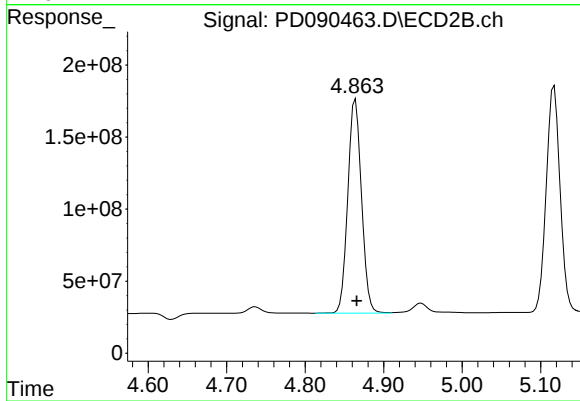
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2035698674
Conc: 49.30 ng/ml



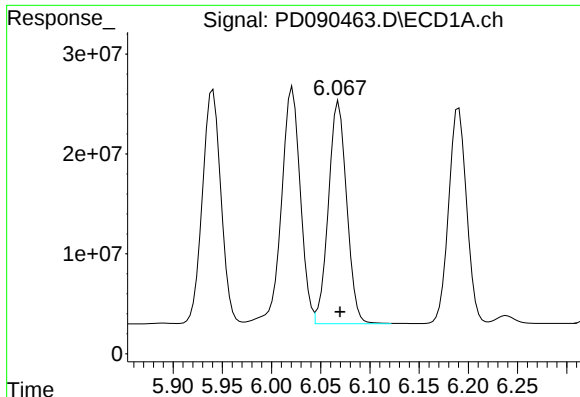
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.001 min
Response: 307611711
Conc: 53.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.002 min
Response: 1805019879
Conc: 48.96 ng/ml



#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 287181235
Conc: 53.17 ng/ml

Instrument :

ECD_D

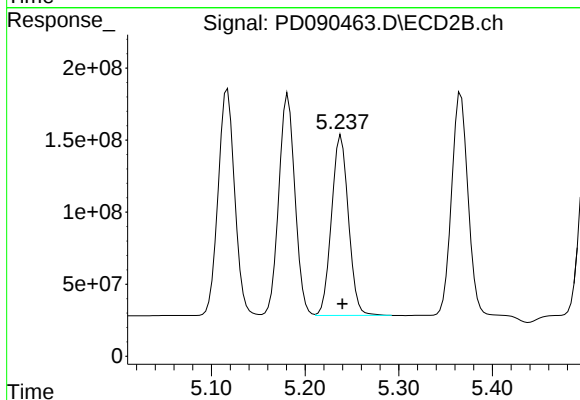
ClientSampleId :

PSTDCCC050

Manual Integrations

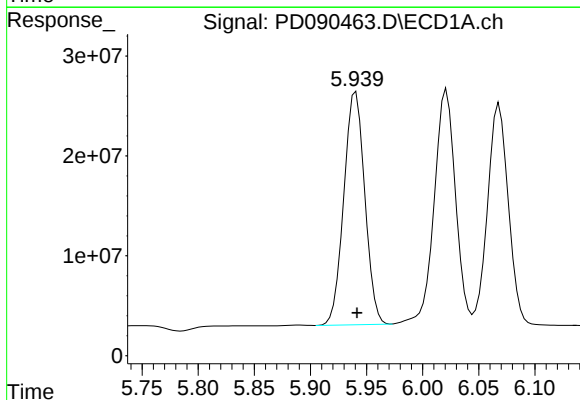
APPROVED

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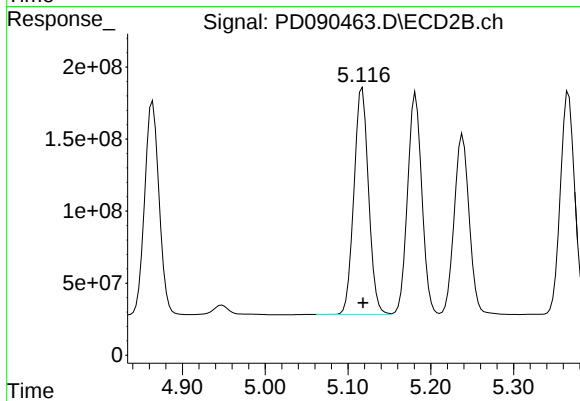
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 1572578847
Conc: 45.44 ng/ml



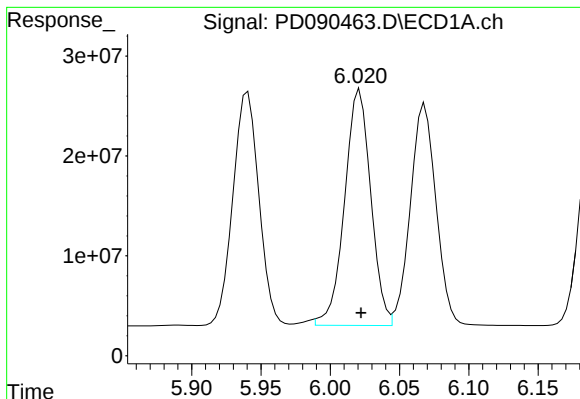
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 302848650
Conc: 53.02 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 1929044829
Conc: 49.10 ng/ml



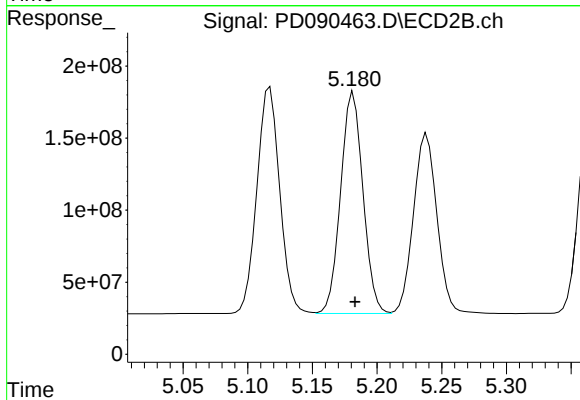
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 312866001
Conc: 54.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

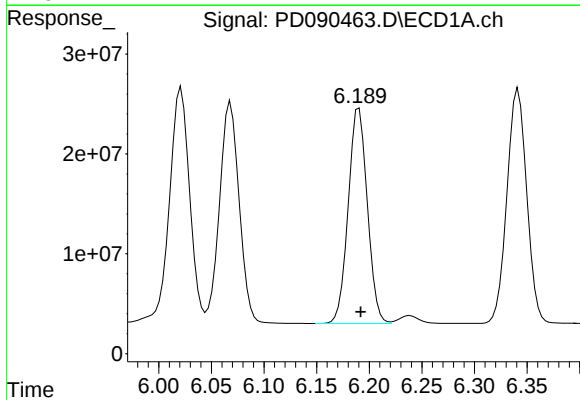
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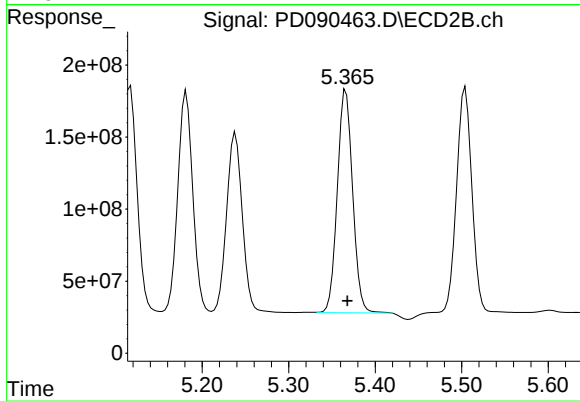
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 1842172193
Conc: 48.91 ng/ml



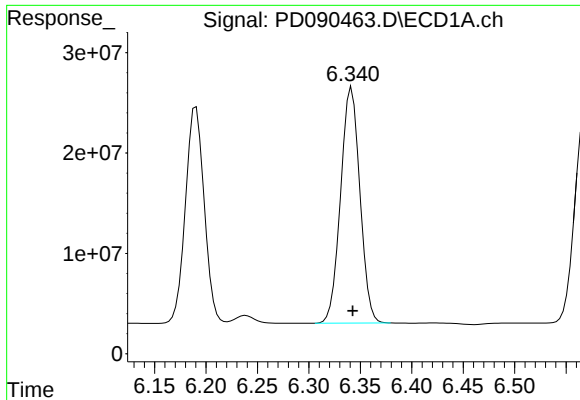
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 273531167
Conc: 52.53 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 1893598667
Conc: 49.47 ng/ml



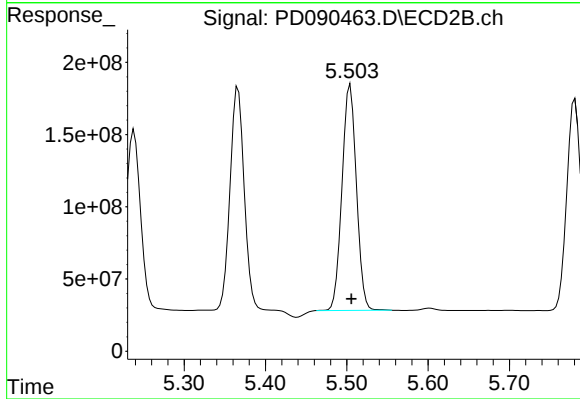
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.001 min
Response: 306668937
Conc: 53.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

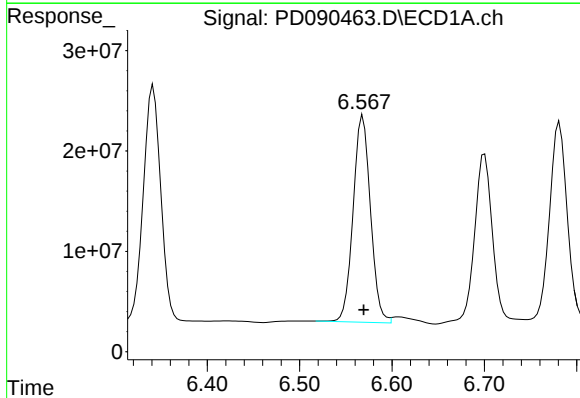
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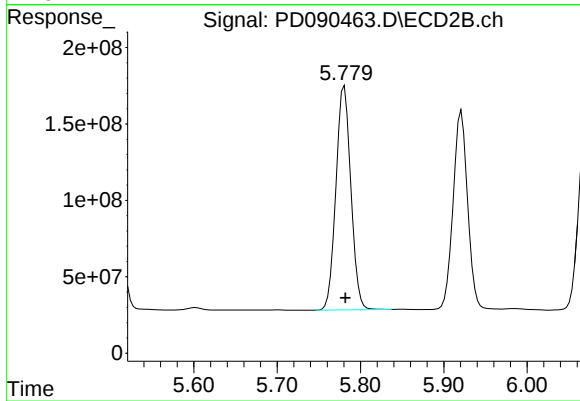
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 1925078407
Conc: 49.43 ng/ml



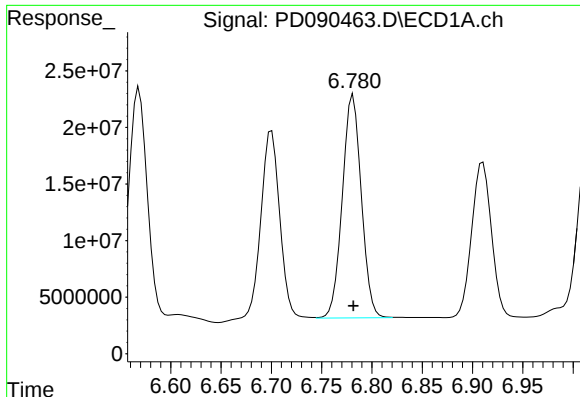
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 268934827
Conc: 54.95 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 1826447154
Conc: 50.97 ng/ml



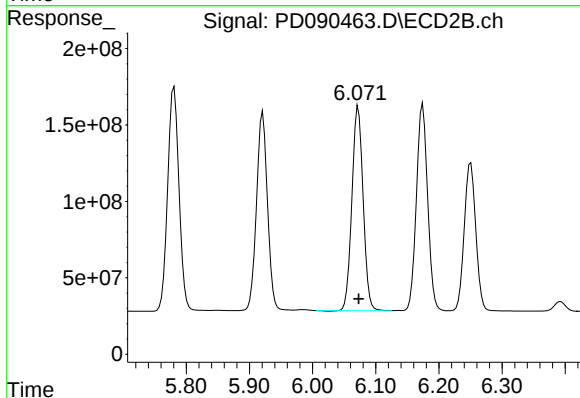
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 258412917
Conc: 52.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

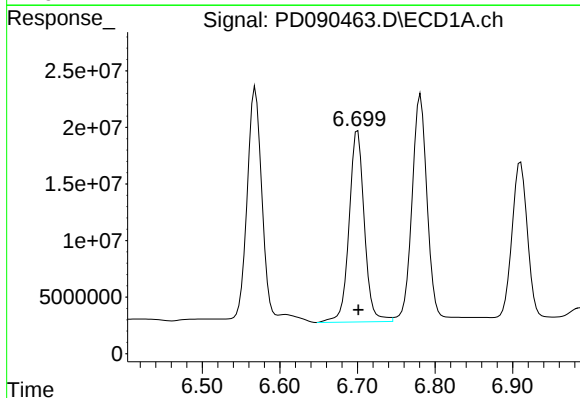
Manual Integrations
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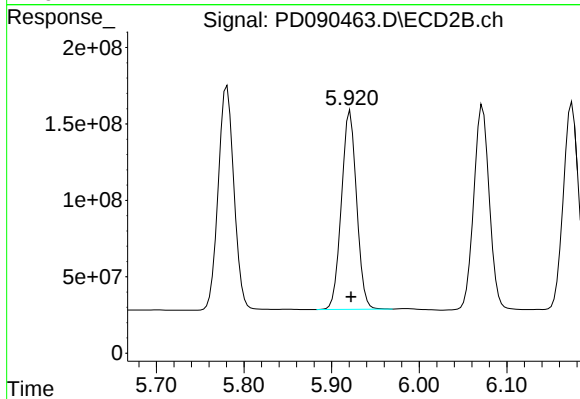
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 1645031241
Conc: 48.74 ng/ml



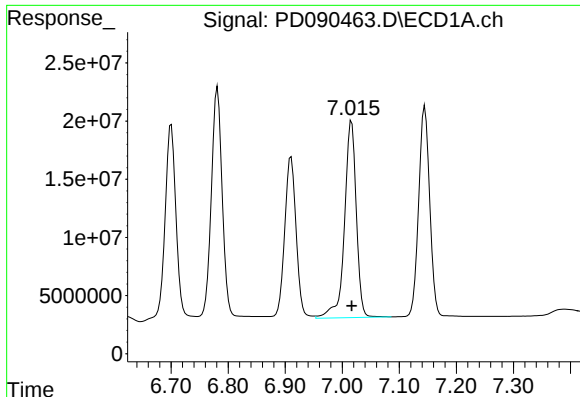
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.001 min
Response: 231293345
Conc: 56.44 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 1564859776
Conc: 48.26 ng/ml



#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 243796858
Conc: 54.76 ng/ml

Instrument :

ECD_D

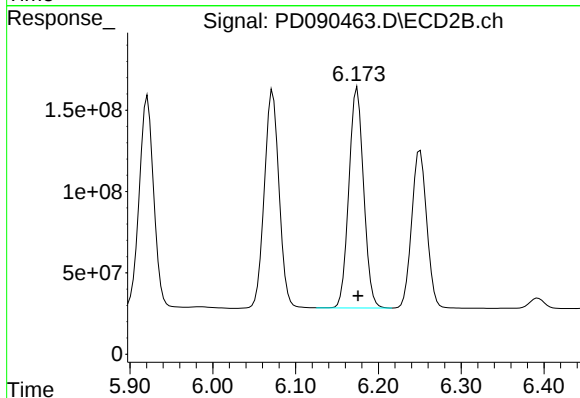
ClientSampleId :

PSTDCCC050

Manual Integrations

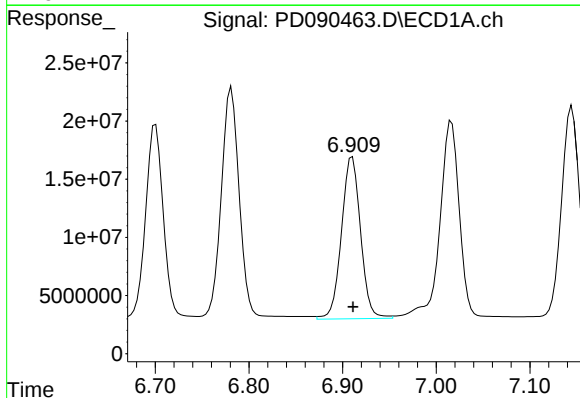
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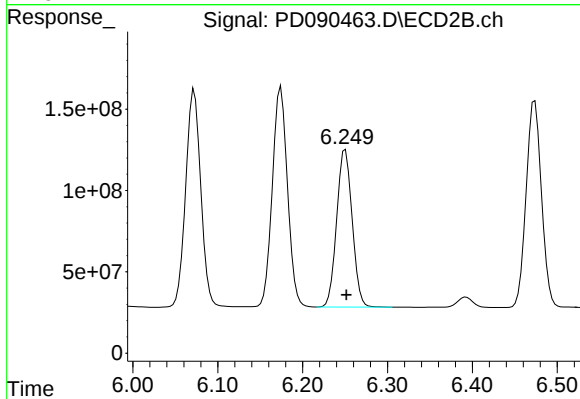
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.001 min
Response: 1679228594
Conc: 48.84 ng/ml



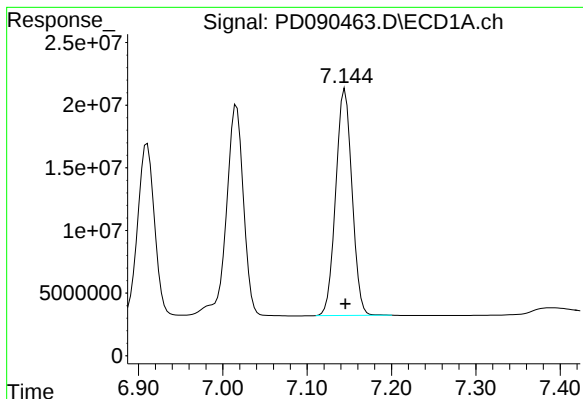
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 197401747
Conc: 57.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 1227531087
Conc: 52.13 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 242374650
Conc: 52.69 ng/ml

Instrument :

ECD_D

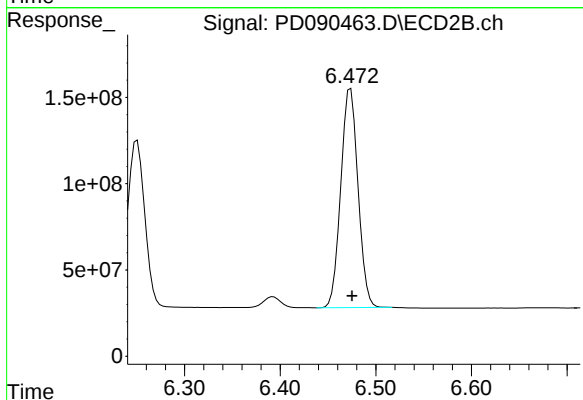
ClientSampleId :

PSTDCCC050

Manual Integrations

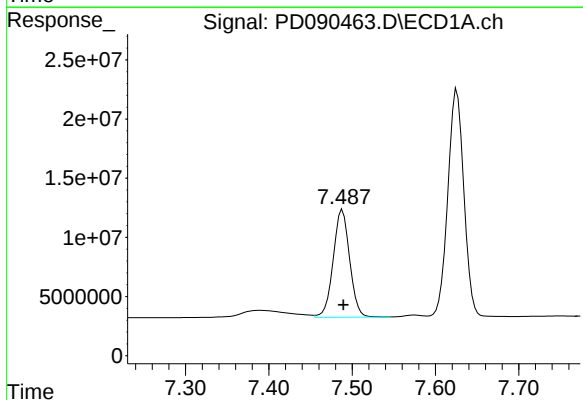
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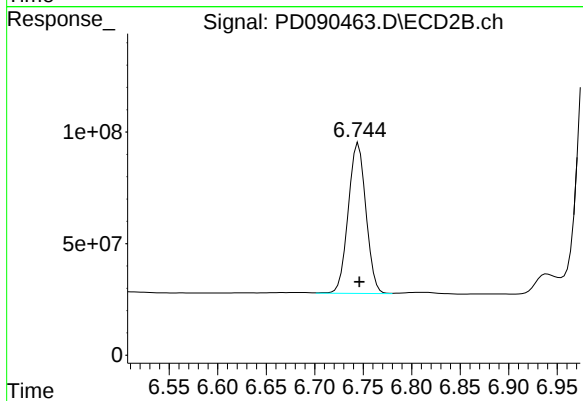
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 1595400303
Conc: 48.80 ng/ml



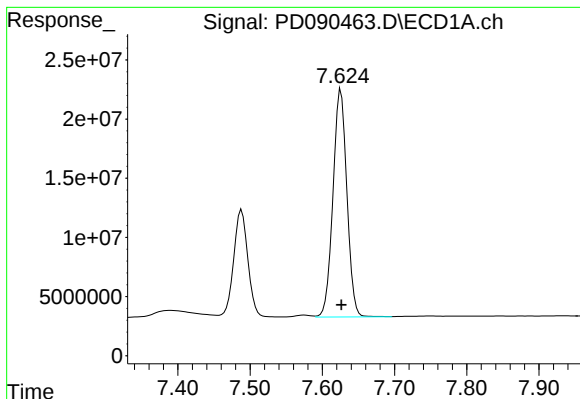
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: -0.001 min
Response: 124833545
Conc: 52.97 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 855823353
Conc: 49.18 ng/ml



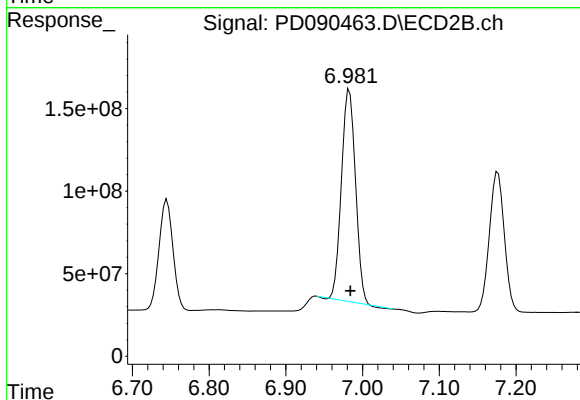
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 257941492
Conc: 52.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

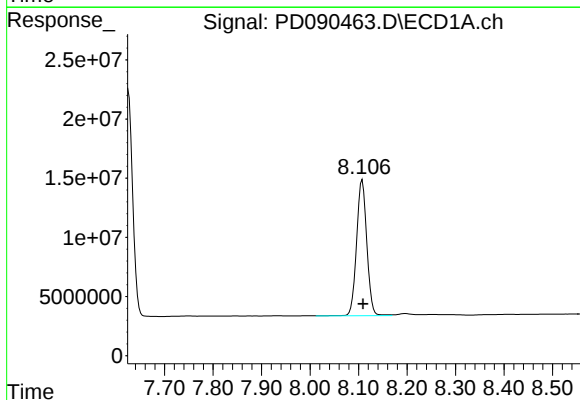
Manual Integrations
APPROVED

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



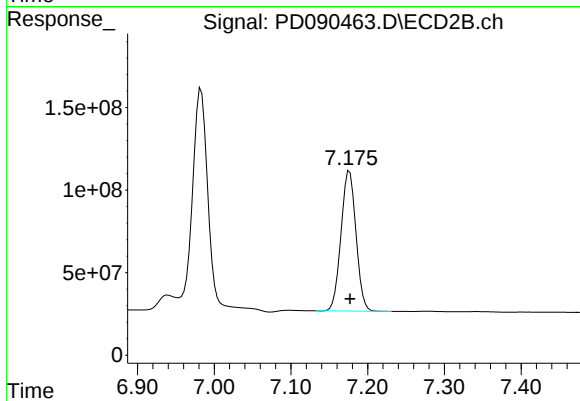
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.001 min
Response: 1628261617
Conc: 45.10 ng/ml



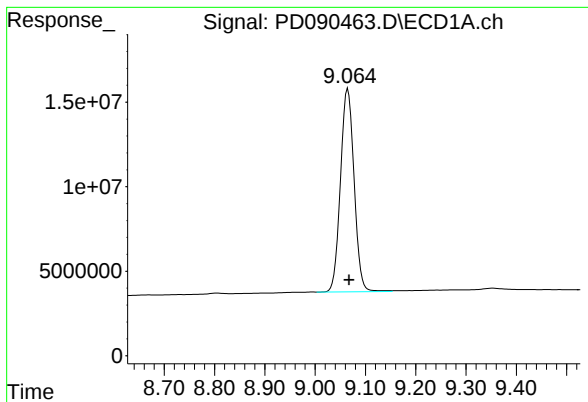
#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.002 min
Response: 169070773
Conc: 45.63 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.001 min
Response: 1153295773
Conc: 41.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 226437541
Conc: 46.93 ng/ml

Instrument :

ECD_D

ClientSampleId :

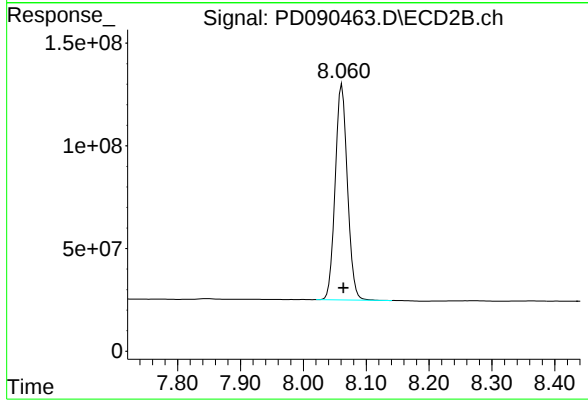
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 1421311459
Conc: 43.85 ng/ml