

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101125\
 Data File : PD090559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 17:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/10/2025
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 08:27:47 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...	3.544	2.875	138.8E6	1218.2E6	42.702	44.378
28)	SA Decachlor...	9.061	8.060	210.3E6	1434.2E6	43.594	44.246
Target Compounds							
2)	A alpha-BHC	3.994	3.386	315.0E6	2028.2E6	45.100	46.325
3)	MA gamma-BHC...	4.324	3.722	298.2E6	1882.3E6	45.063	46.207
4)	MA Heptachlor	4.922	4.074	295.5E6	1865.1E6	44.692	45.805
5)	MB Aldrin	5.263	4.360	288.4E6	1858.4E6	45.420	46.535
6)	B beta-BHC	4.511	4.018	114.4E6	802.3E6	44.349	46.283
7)	B delta-BHC	4.757	4.254	295.3E6	1913.5E6	45.734m	46.338
8)	B Heptachlo...	5.682	4.863	254.4E6	1702.2E6	44.508	46.173
9)	A Endosulfan I	6.066	5.237	242.9E6	1614.3E6	44.967	46.649
10)	B gamma-Chl...	5.938	5.116	259.3E6	1835.8E6	45.403	46.730
11)	B alpha-Chl...	6.018	5.180	261.0E6	1763.6E6	45.297	46.822
12)	B 4,4'-DDE	6.188	5.365	239.0E6	1801.7E6	45.898	47.068
13)	MA Dieldrin	6.339	5.502	262.5E6	1814.4E6	45.528	46.588
14)	MA Endrin	6.566	5.779	225.3E6	1705.9E6	46.044	47.608
15)	B Endosulfa...	6.779	6.070	219.4E6	1575.1E6	44.982	46.668
16)	A 4,4'-DDD	6.698	5.919	188.4E6	1509.9E6	45.972	46.560
17)	MA 4,4'-DDT	7.013	6.173	201.2E6	1591.8E6	45.186	46.303
18)	B Endrin al...	6.907	6.248	164.2E6	1157.4E6	47.854	49.155
19)	B Endosulfa...	7.142	6.472	203.8E6	1490.6E6	44.304	45.597
20)	A Methoxychlor	7.486	6.743	104.7E6	802.4E6	44.440	46.113
21)	B Endrin ke...	7.622	6.981	223.8E6	1661.1E6	45.232	46.009
22)	Mirex	8.105	7.173	163.8E6	1250.8E6	44.204	45.308

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101125\
Data File : PD090559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

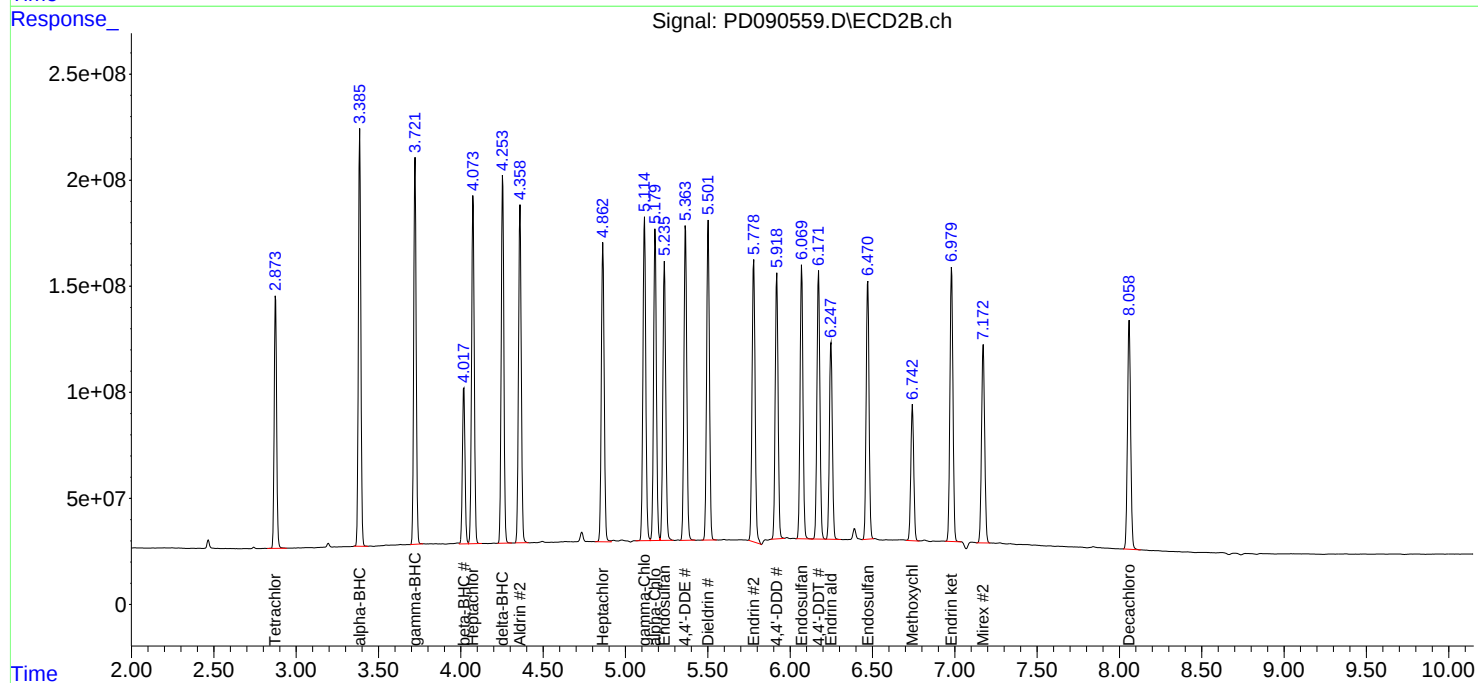
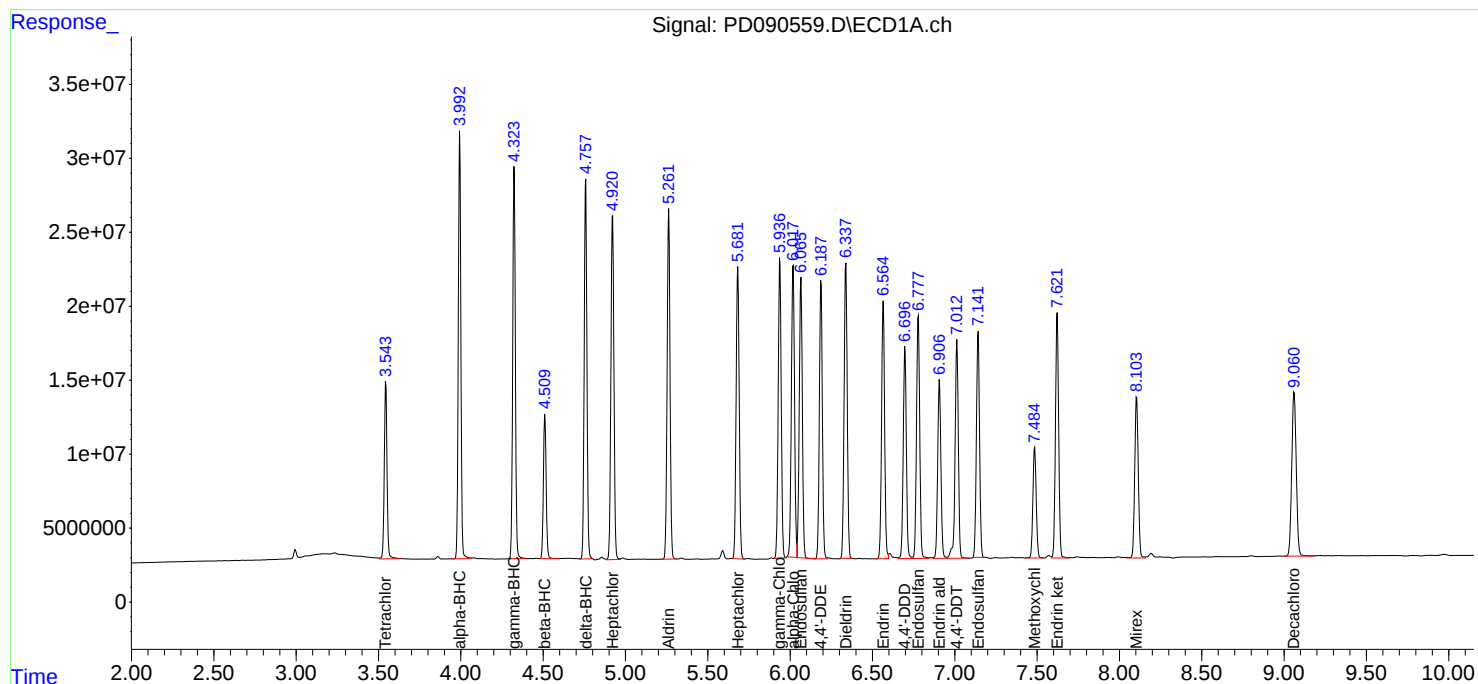
APPROVED

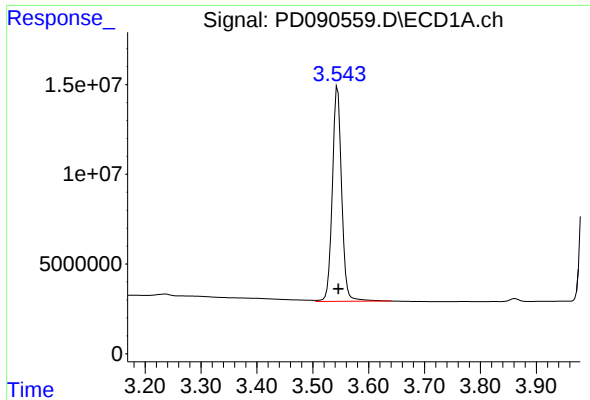
Reviewed By :Abdul Mirza 10/10/2025

Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 08:27:47 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





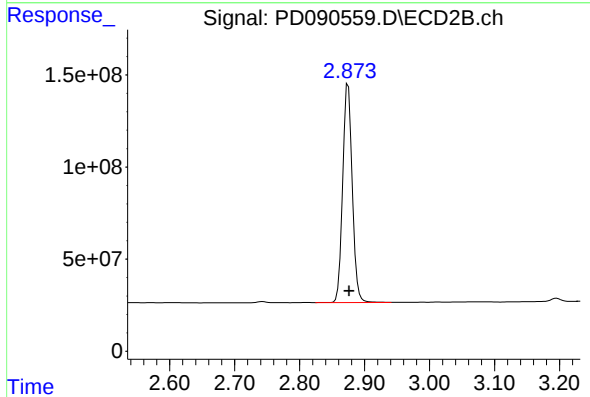
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.002 min
Response: 138800380
Conc: 42.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

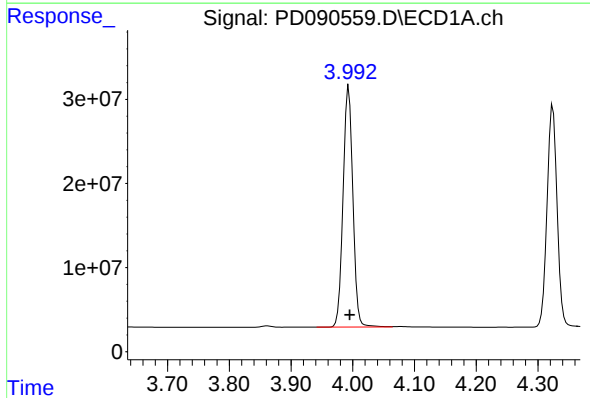
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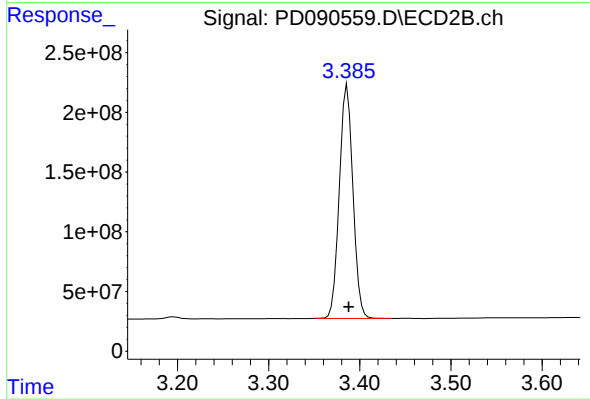
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.001 min
Response: 1218177365
Conc: 44.38 ng/ml



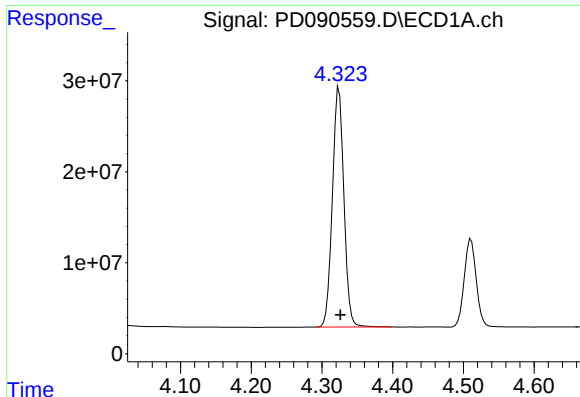
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 315000505
Conc: 45.10 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 2028238897
Conc: 46.32 ng/ml



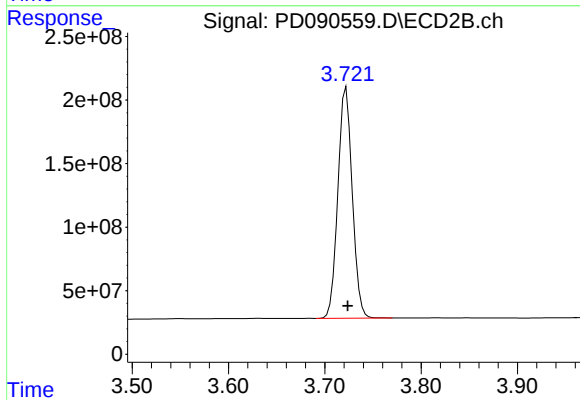
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 298177500
Conc: 45.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

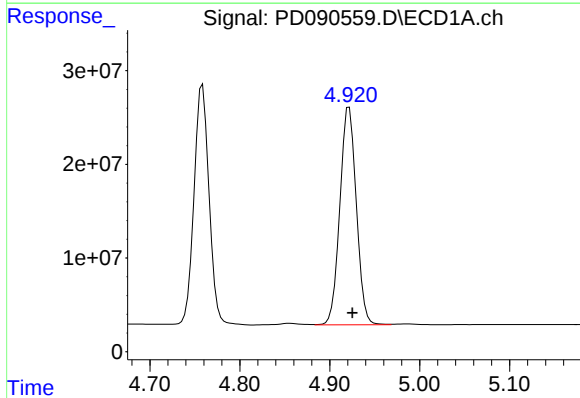
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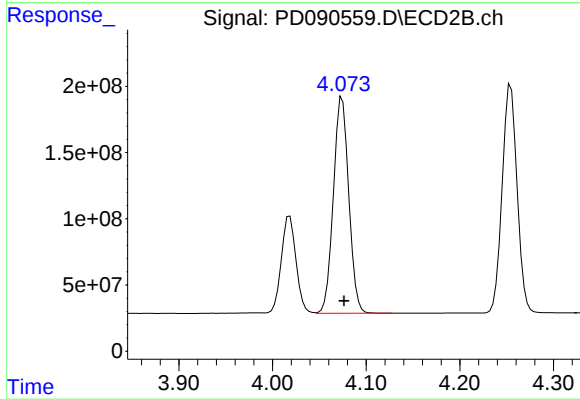
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 1882273653
Conc: 46.21 ng/ml



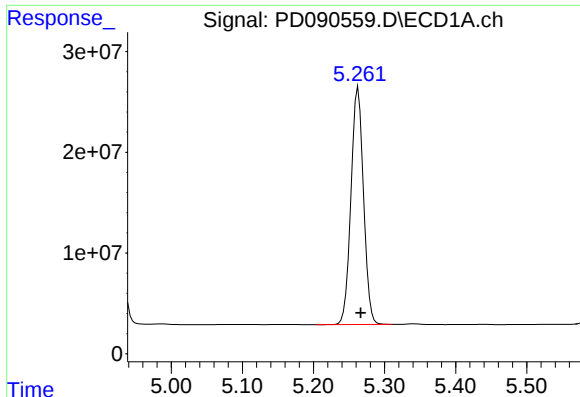
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.003 min
Response: 295531533
Conc: 44.69 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: -0.002 min
Response: 1865051790
Conc: 45.81 ng/ml



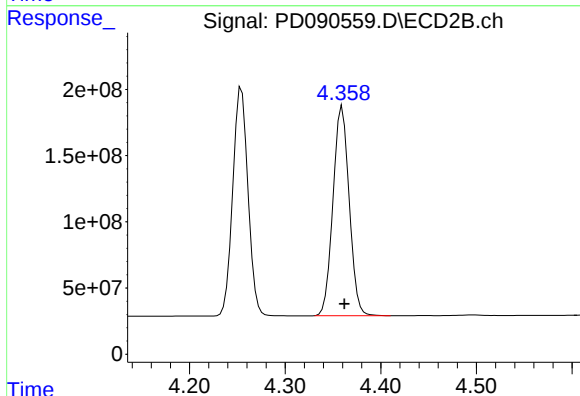
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.003 min
Response: 288412949
Conc: 45.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

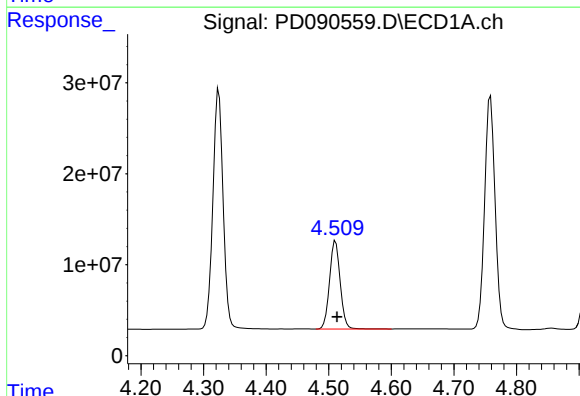
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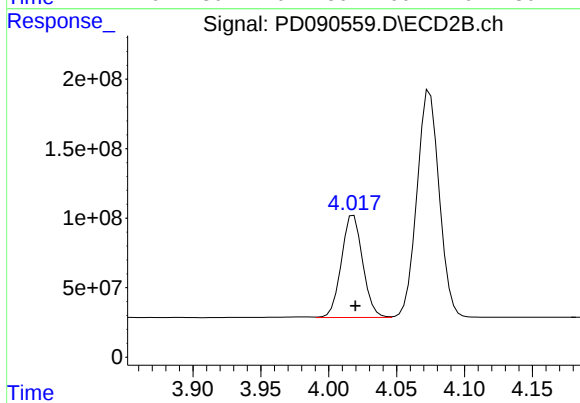
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.002 min
Response: 1858354406
Conc: 46.53 ng/ml



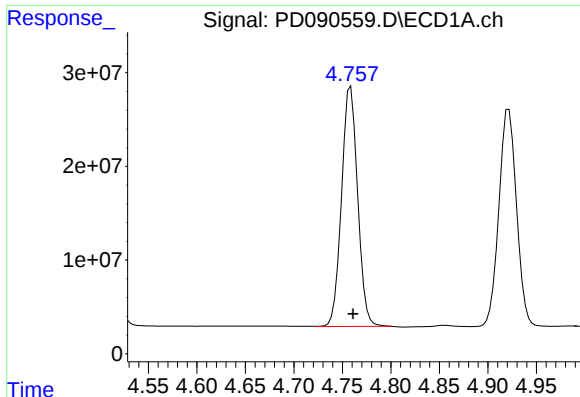
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 114416030
Conc: 44.35 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 802332391
Conc: 46.28 ng/ml



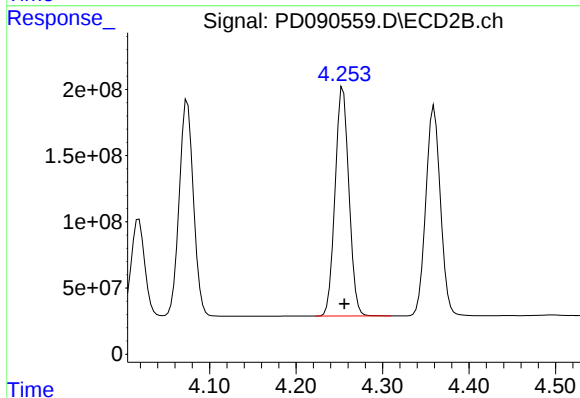
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.004 min
Response: 295324392
Conc: 45.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

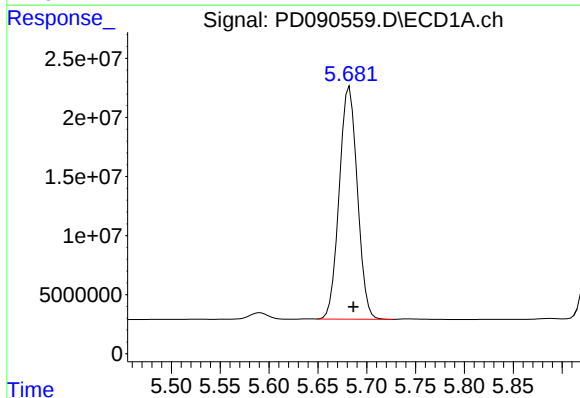
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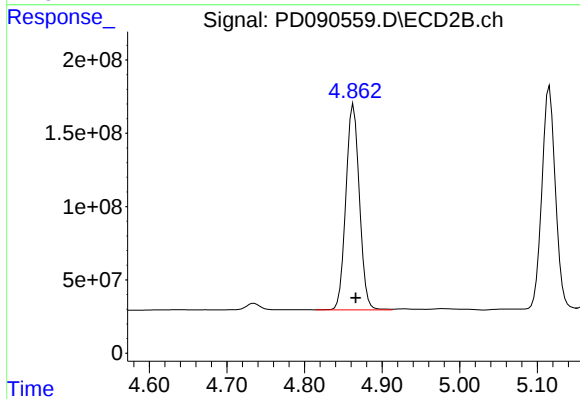
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.002 min
Response: 1913510012
Conc: 46.34 ng/ml



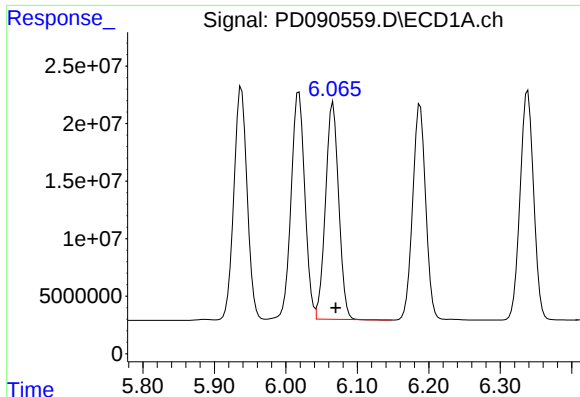
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 254360085
Conc: 44.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.003 min
Response: 1702170654
Conc: 46.17 ng/ml



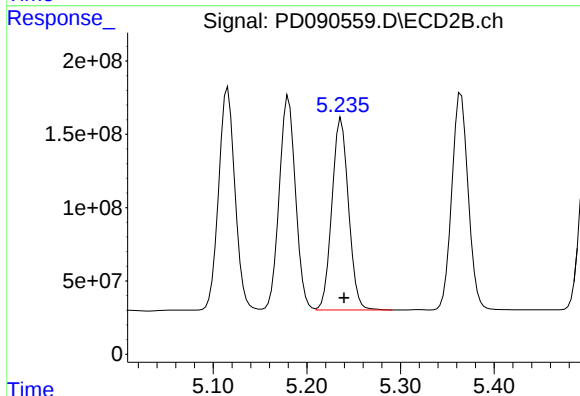
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.004 min
Response: 242884808
Conc: 44.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

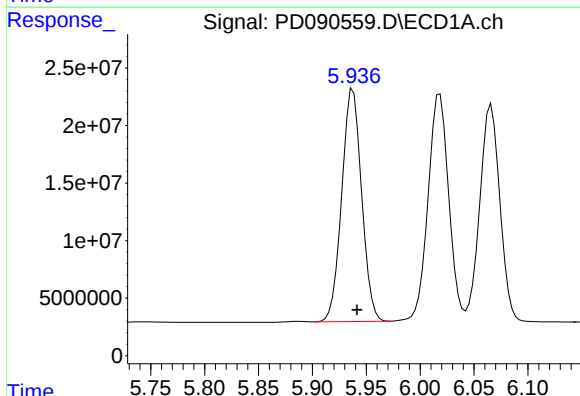
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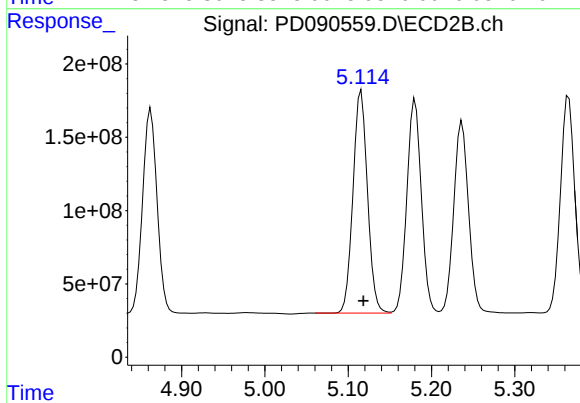
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 1614303947
Conc: 46.65 ng/ml



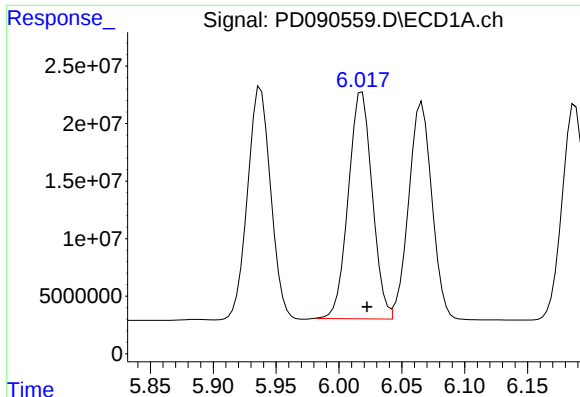
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.004 min
Response: 259337377
Conc: 45.40 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 1835844995
Conc: 46.73 ng/ml



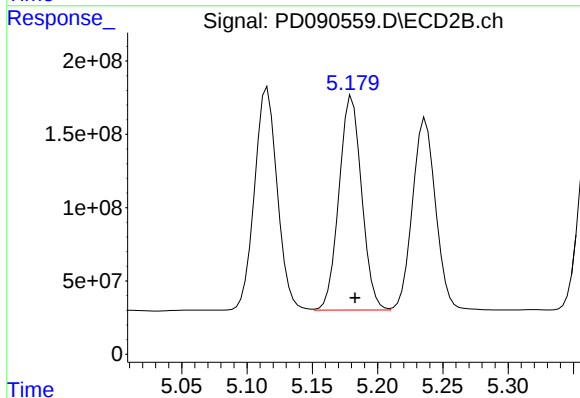
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.004 min
Response: 260951194
Conc: 45.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

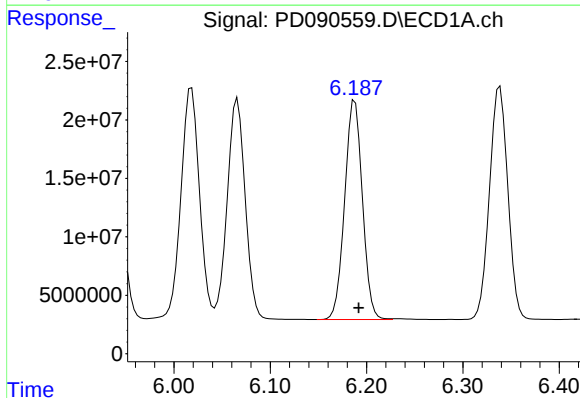
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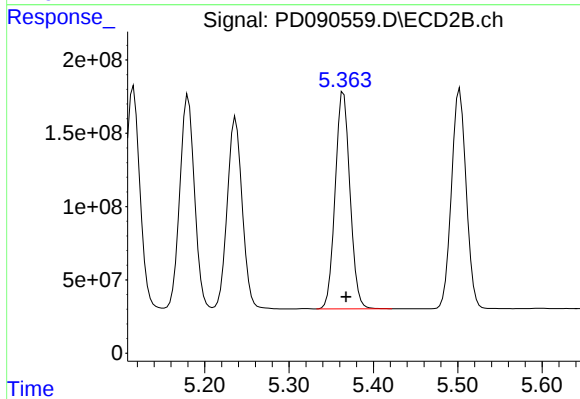
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.003 min
Response: 1763576367
Conc: 46.82 ng/ml



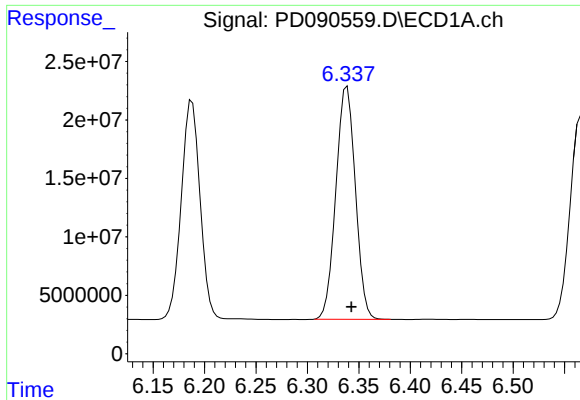
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.004 min
Response: 239014182
Conc: 45.90 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: -0.003 min
Response: 1801699491
Conc: 47.07 ng/ml



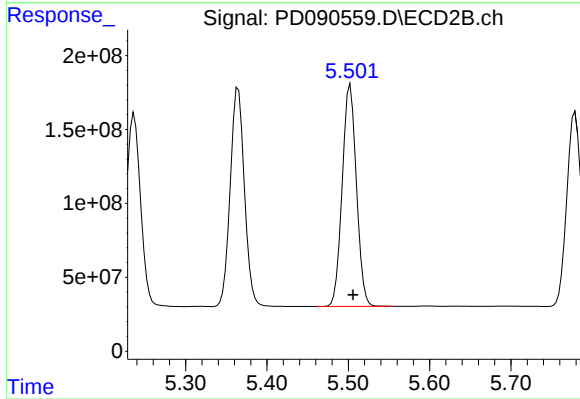
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.004 min
Response: 262454161
Conc: 45.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

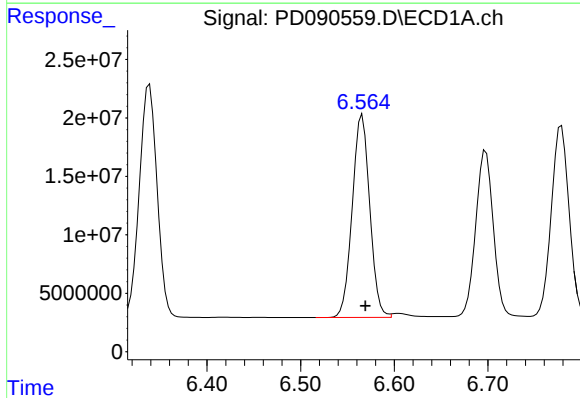
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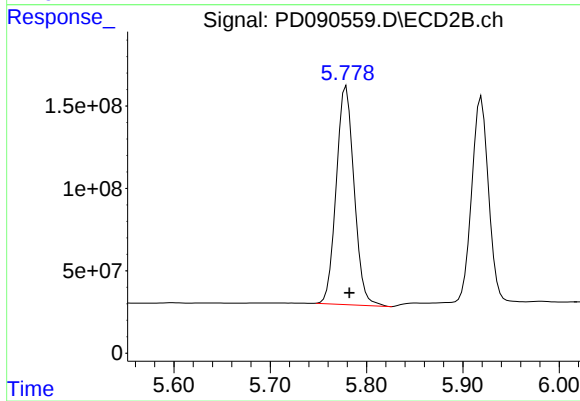
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 1814412807
Conc: 46.59 ng/ml



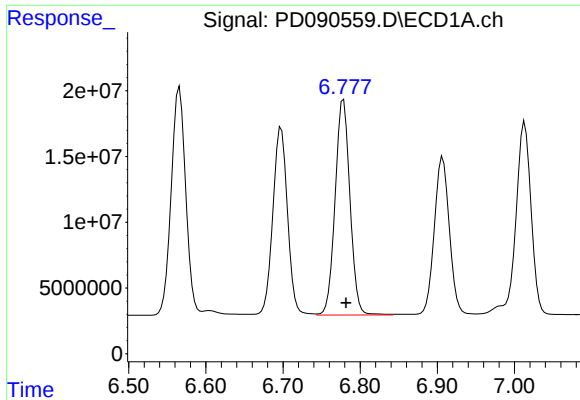
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.004 min
Response: 225335112
Conc: 46.04 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 1705896603
Conc: 47.61 ng/ml



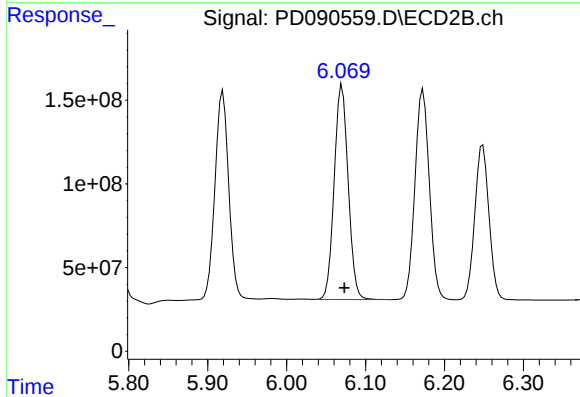
#15 Endosulfan II

R.T.: 6.779 min
Delta R.T.: -0.003 min
Response: 219414206
Conc: 44.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

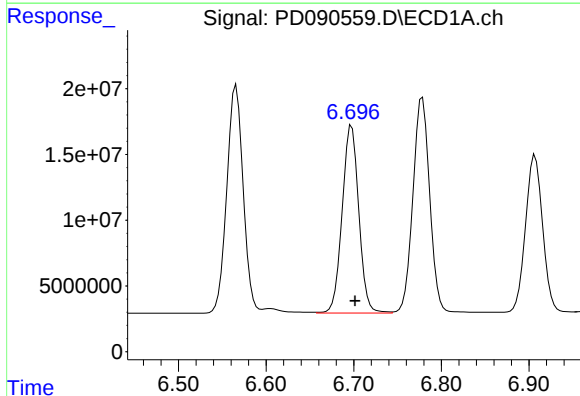
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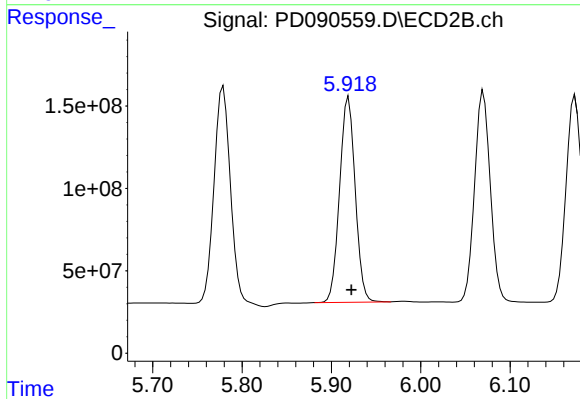
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 1575064511
Conc: 46.67 ng/ml



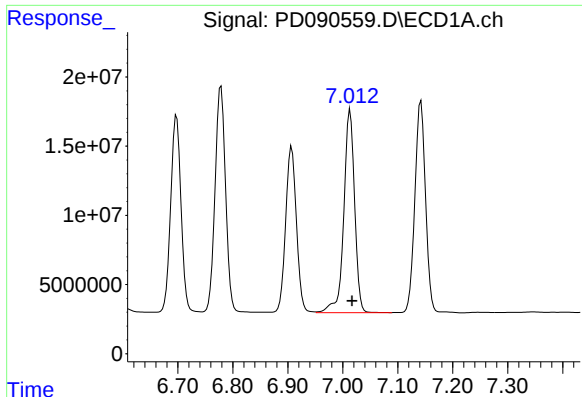
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 188385446
Conc: 45.97 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 1509853920
Conc: 46.56 ng/ml



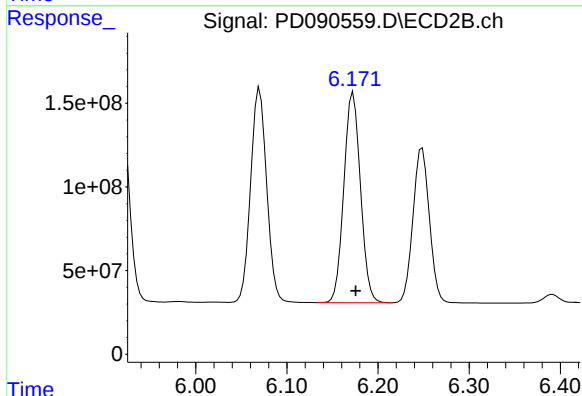
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 201187235
Conc: 45.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

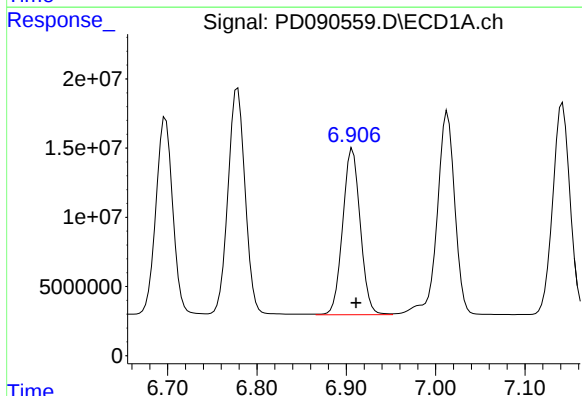
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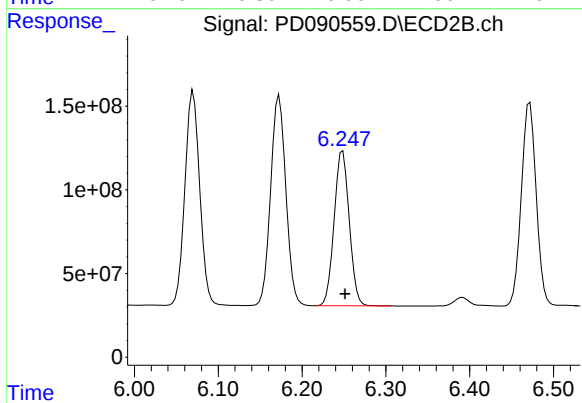
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 1591841638
Conc: 46.30 ng/ml



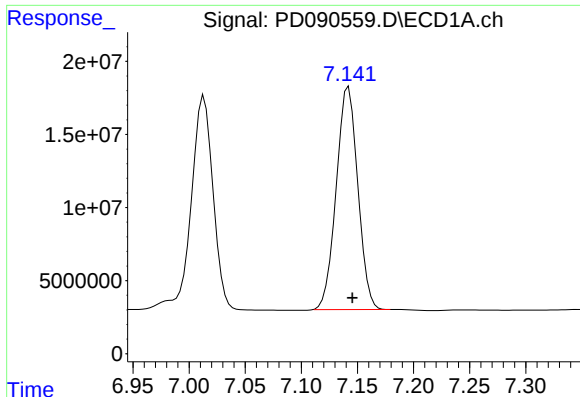
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: -0.004 min
Response: 164166454
Conc: 47.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 1157438314
Conc: 49.15 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: -0.003 min
Response: 203814560
Conc: 44.30 ng/ml

Instrument :

ECD_D

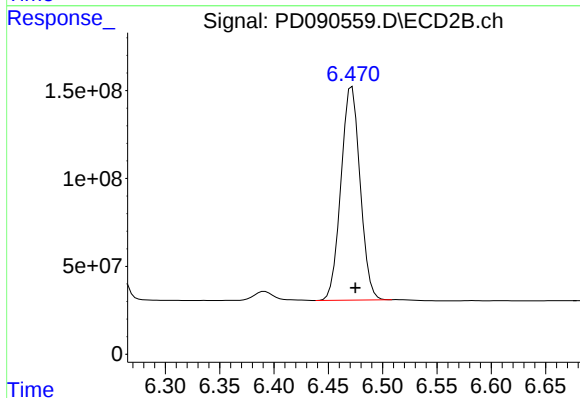
ClientSampleId :

PSTDCCC050

Manual Integrations

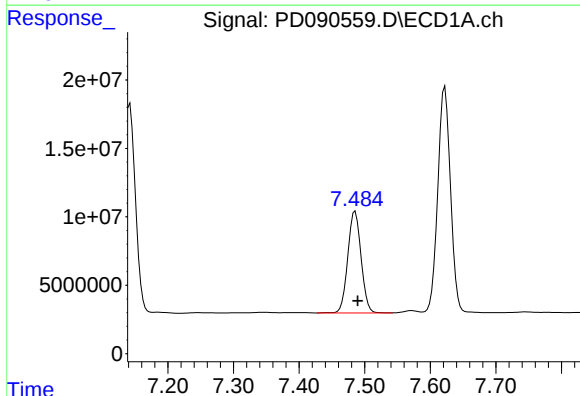
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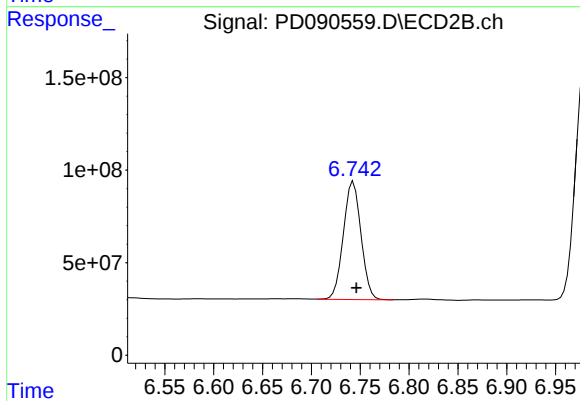
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.003 min
Response: 1490568184
Conc: 45.60 ng/ml



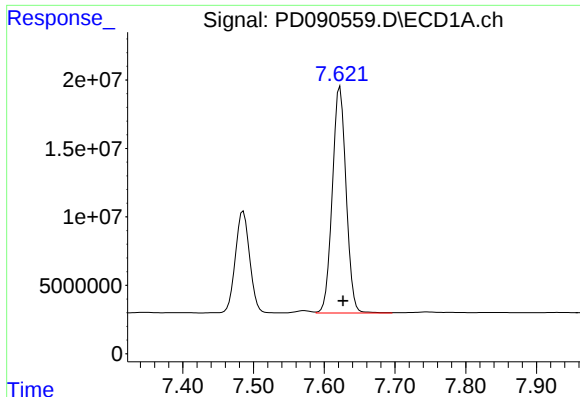
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: -0.004 min
Response: 104723204
Conc: 44.44 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 802376724
Conc: 46.11 ng/ml



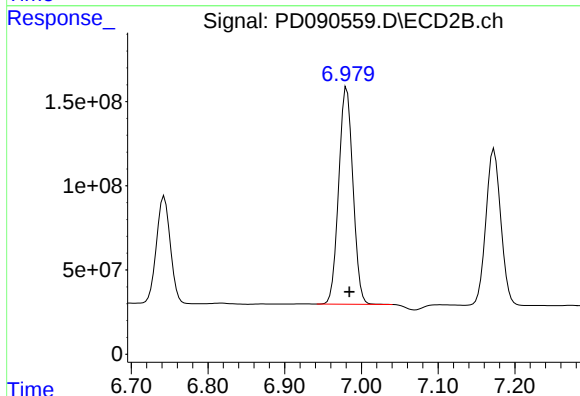
#21 Endrin ketone

R.T.: 7.622 min
Delta R.T.: -0.004 min
Response: 223778995
Conc: 45.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

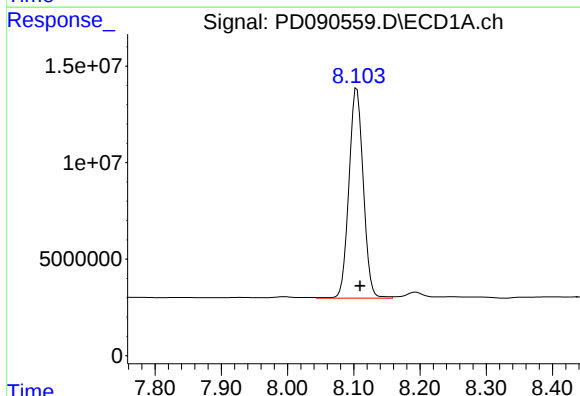
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



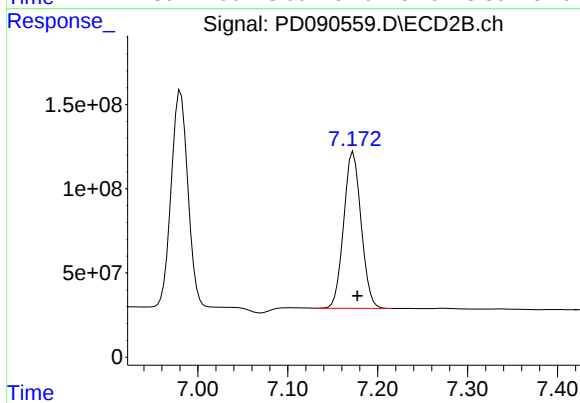
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 1661066128
Conc: 46.01 ng/ml



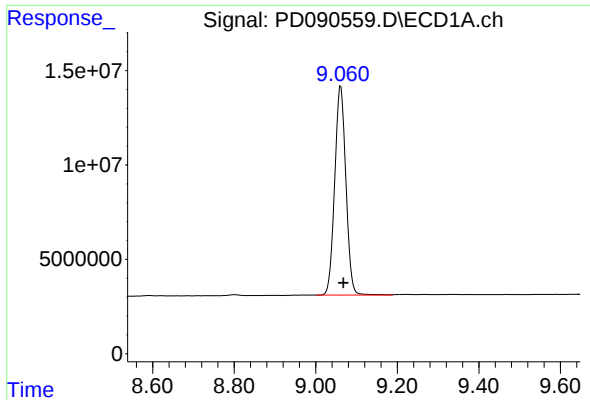
#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.005 min
Response: 163770025
Conc: 44.20 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.004 min
Response: 1250772368
Conc: 45.31 ng/ml



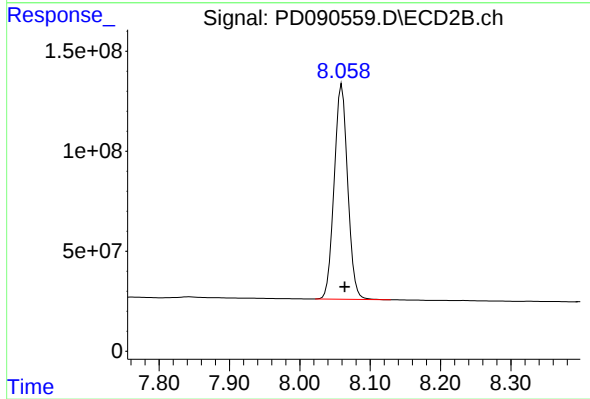
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.006 min
Response: 210345209
Conc: 43.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2025
Supervised By :mohammad ahmed 10/11/2025



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 1434211523
Conc: 44.25 ng/ml