

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121225\
 Data File : PD091574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2025 12:08
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/15/2025
 Supervised By : Yogesh Patel 12/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 02:48:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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...	3.540	2.870	160.9E6	2054.6E6	46.320	52.144
2)	SA Decachlor...	9.060	8.055	228.0E6	2278.5E6	43.854	55.022 #
Target Compounds							
2)	A alpha-BHC	3.989	3.381	380.5E6	3614.1E6	47.263	53.013
3)	MA gamma-BHC...	4.320	3.718	356.3E6	3313.6E6	47.402	58.930
4)	MA Heptachlor	4.917	4.069	348.6E6	3186.7E6	49.112	54.676
5)	MB Aldrin	5.259	4.353	341.4E6	3233.3E6	49.071	55.760m
6)	B beta-BHC	4.508	4.014	134.3E6	1327.3E6	46.521	55.400
7)	B delta-BHC	4.756	4.250	354.6E6	3339.3E6	59.270	55.760
8)	B Heptachlo...	5.679	4.858	310.3E6	2868.6E6	50.116	56.694
9)	A Endosulfan I	6.063	5.232	287.3E6	2226.5E6	47.018	45.450
10)	B gamma-Chl...	5.935	5.109	306.9E6	3168.7E6	48.125	56.765m
11)	B alpha-Chl...	6.015	5.175	306.2E6	3030.2E6	45.587	56.586
12)	B 4,4'-DDE	6.185	5.358	267.5E6	3081.6E6	46.038	56.226m
13)	MA Dieldrin	6.335	5.497	305.9E6	3095.3E6	47.005	55.808
14)	MA Endrin	6.562	5.773	259.7E6	3078.8E6	46.311m	58.892m#
15)	B Endosulfa...	6.775	6.064	253.1E6	2667.7E6	41.624m	56.621m#
16)	A 4,4'-DDD	6.696	5.914	229.5E6	2584.6E6	49.863	56.819
17)	MA 4,4'-DDT	7.011	6.168	233.3E6	2656.8E6	45.239	56.051
18)	B Endrin al...	6.905	6.244	197.6E6	1978.4E6	47.313	55.430
19)	B Endosulfa...	7.140	6.467	238.8E6	2565.3E6	45.234	55.654
20)	A Methoxychlor	7.484	6.738	121.6E6	1275.5E6	45.257	54.053
21)	B Endrin ke...	7.621	6.976	258.1E6	2691.4E6	45.804	55.330
22)	Mirex	8.103	7.169	168.5E6	1895.1E6	45.341	57.822 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121225\
Data File : PD091574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Dec 2025 12:08
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

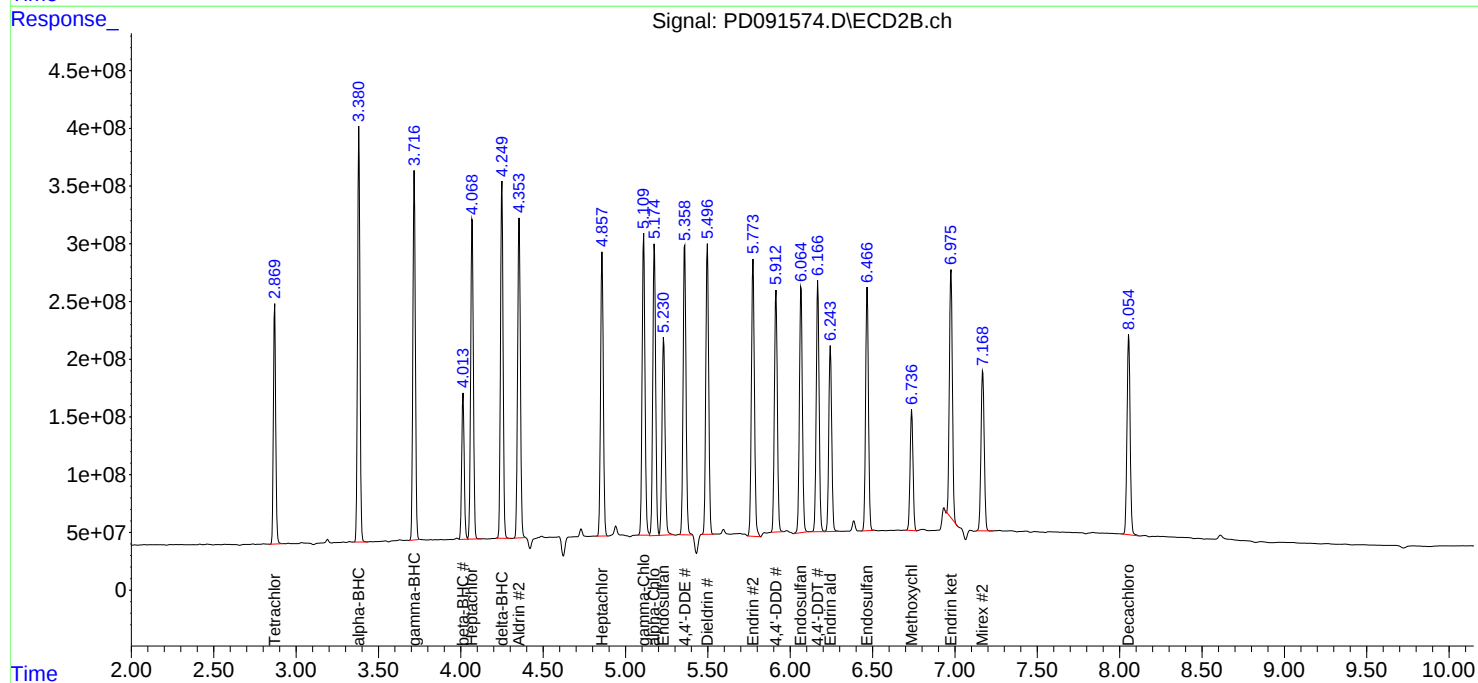
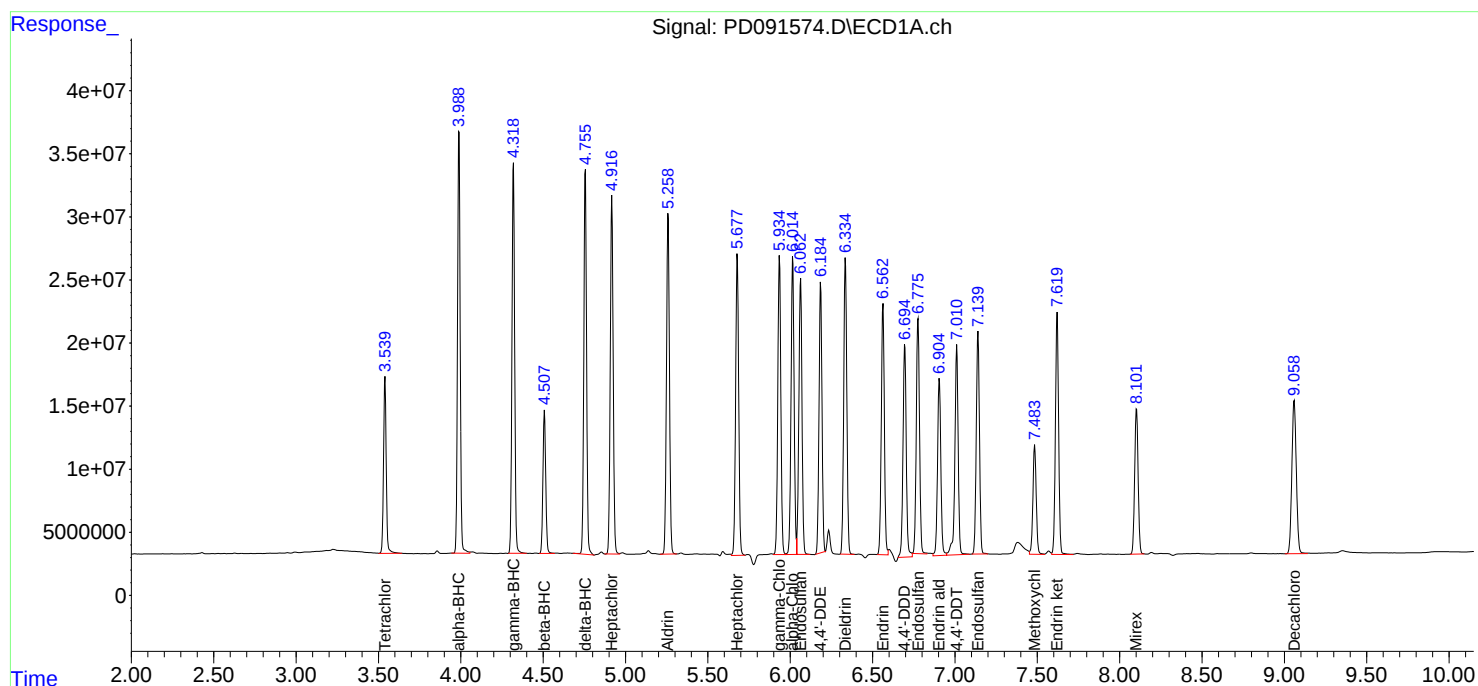
Manual Integrations

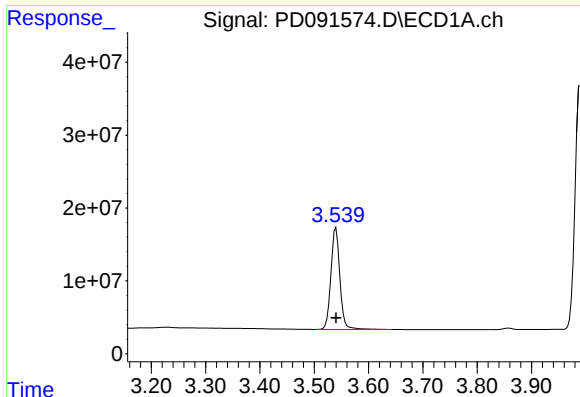
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Supervised By :Yogesh Patel 12/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 02:48:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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





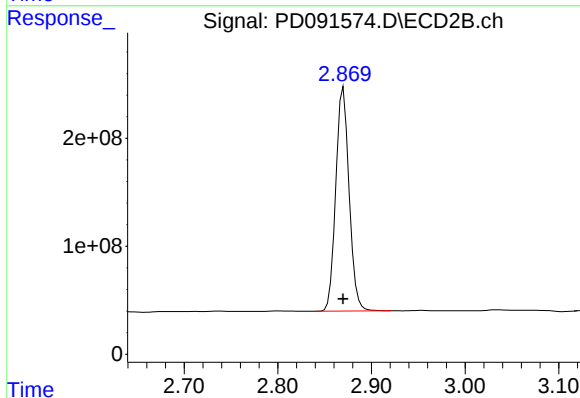
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 160882388
Conc: 46.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

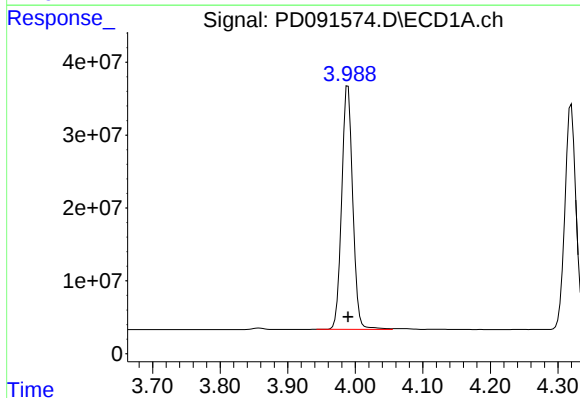
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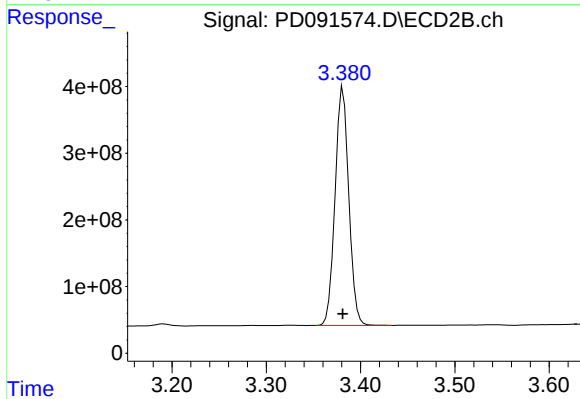
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 2054635103
Conc: 52.14 ng/ml



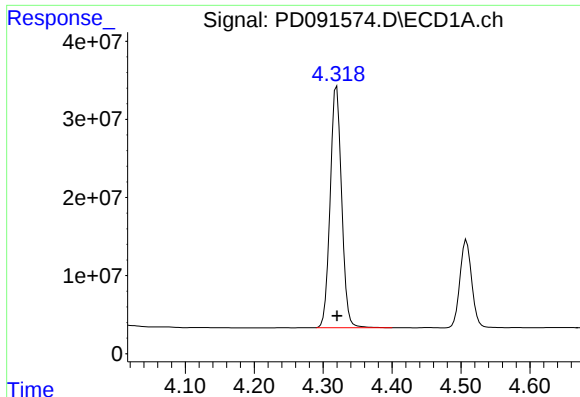
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 380506454
Conc: 47.26 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 3614123213
Conc: 53.01 ng/ml



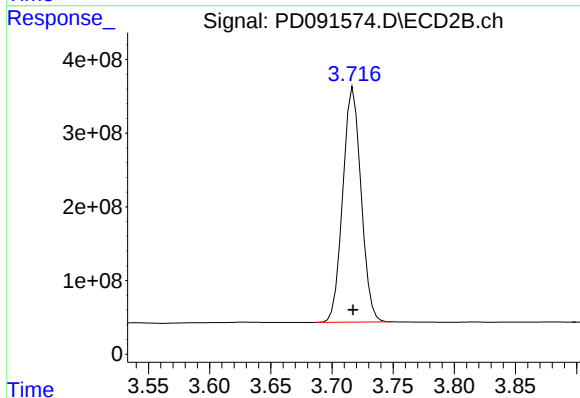
#3 gamma-BHC (Lindane)

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 356263419
Conc: 47.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

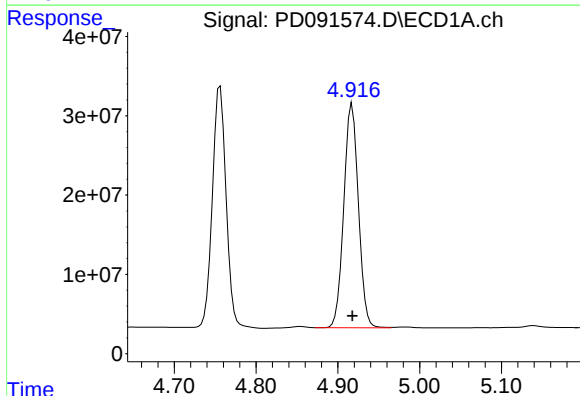
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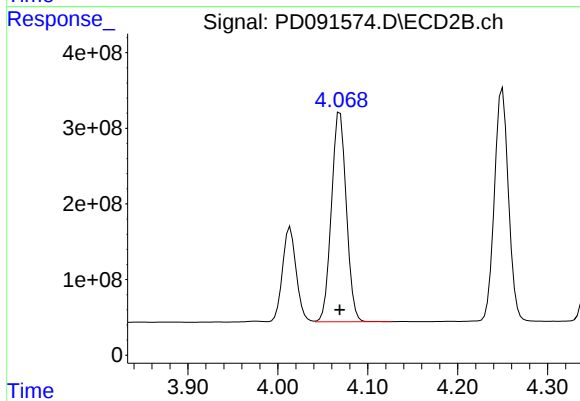
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 3313598317
Conc: 58.93 ng/ml



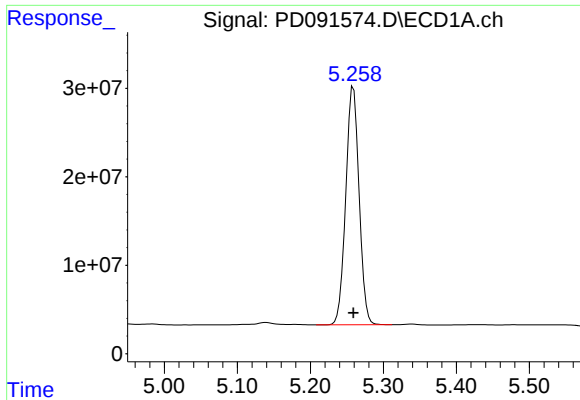
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 348638080
Conc: 49.11 ng/ml



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 3186717864
Conc: 54.68 ng/ml



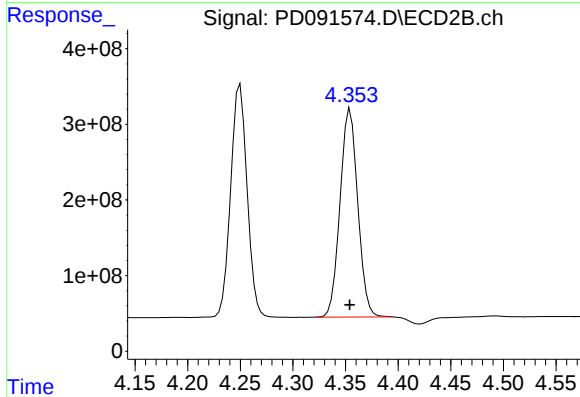
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 341429357
Conc: 49.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

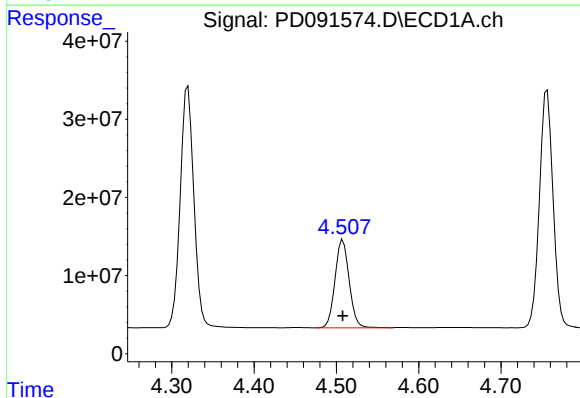
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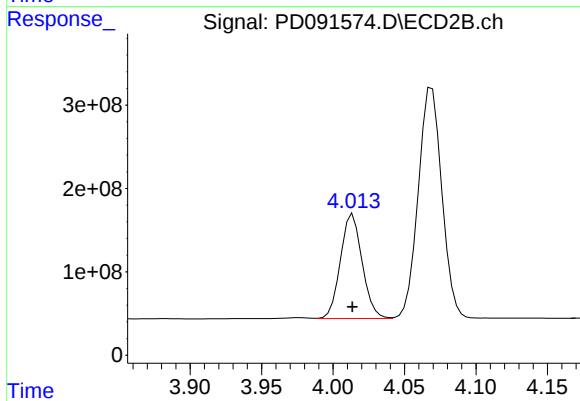
#5 Aldrin

R.T.: 4.353 min
Delta R.T.: -0.001 min
Response: 3233300215
Conc: 55.76 ng/ml m



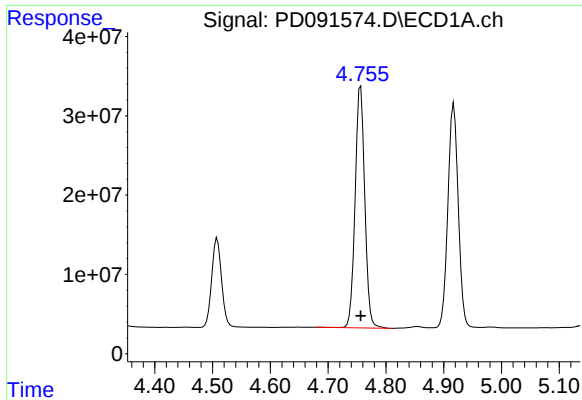
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 134310478
Conc: 46.52 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1327321093
Conc: 55.40 ng/ml



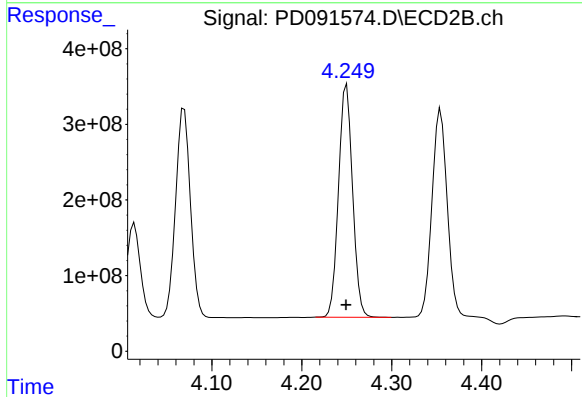
#7 delta-BHC

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 354567149
Conc: 59.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

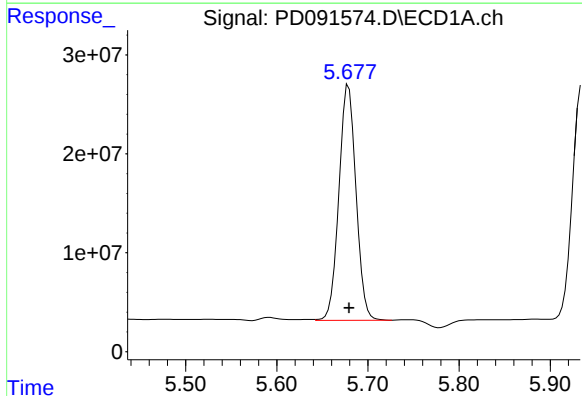
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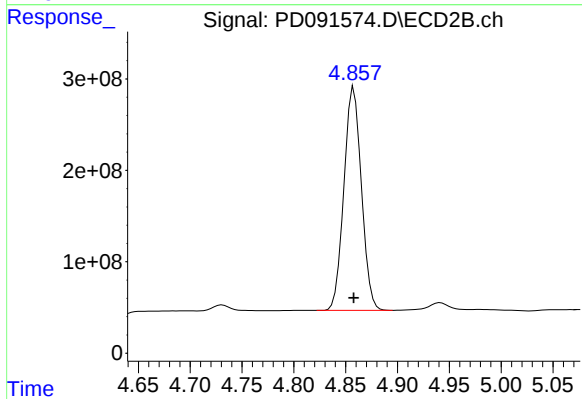
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 3339302467
Conc: 55.76 ng/ml



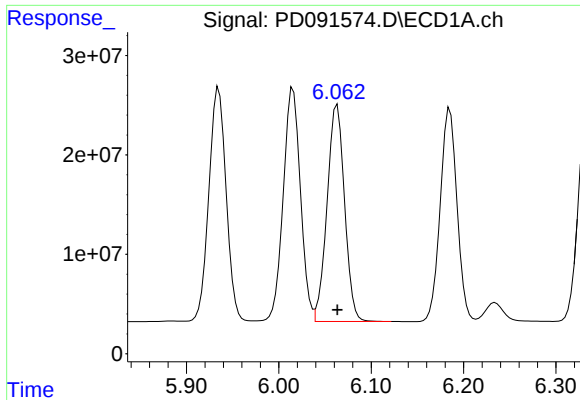
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 310333249
Conc: 50.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 2868566145
Conc: 56.69 ng/ml



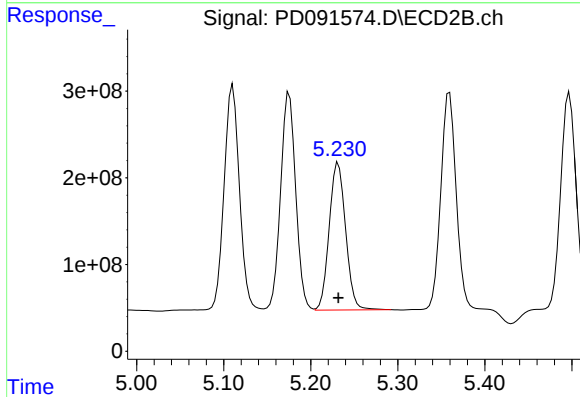
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 287272333
Conc: 47.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

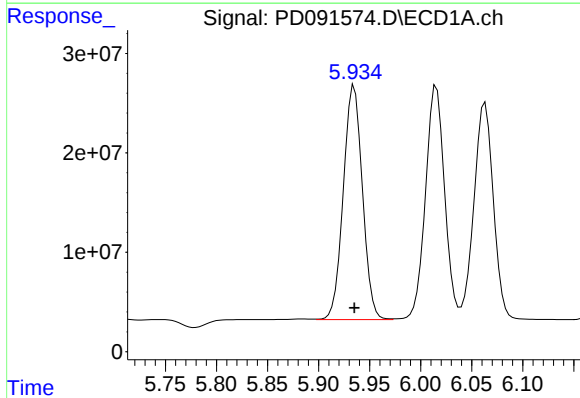
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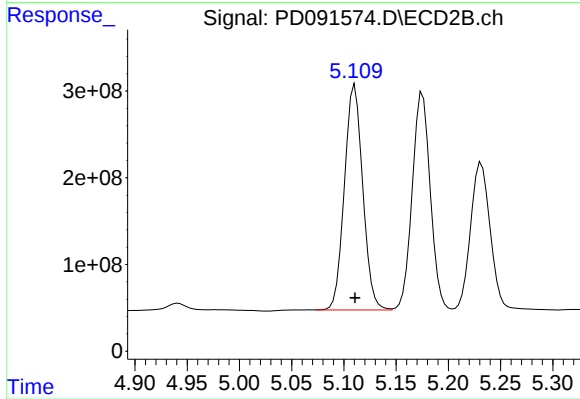
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 2226549342
Conc: 45.45 ng/ml



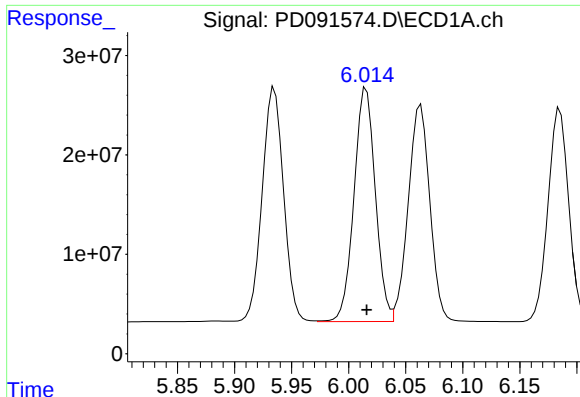
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 306892777
Conc: 48.12 ng/ml



#10 gamma-Chlordane

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 3168693357
Conc: 56.77 ng/ml m



#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 306173625
Conc: 45.59 ng/ml

Instrument :

ECD_D

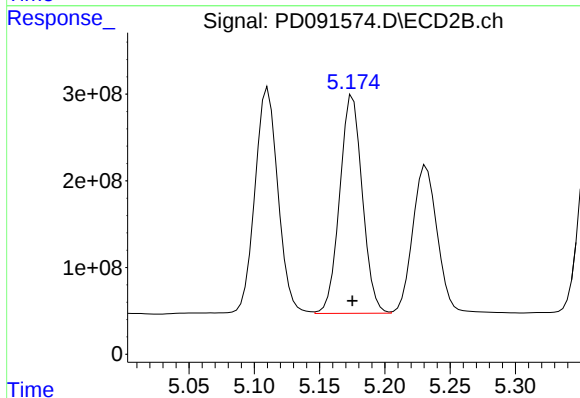
ClientSampleId :

PSTDCCC050

Manual Integrations

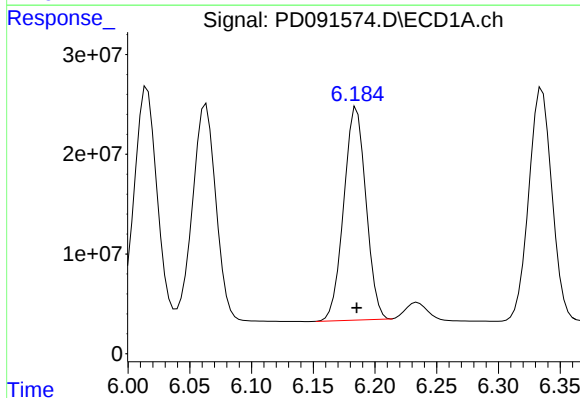
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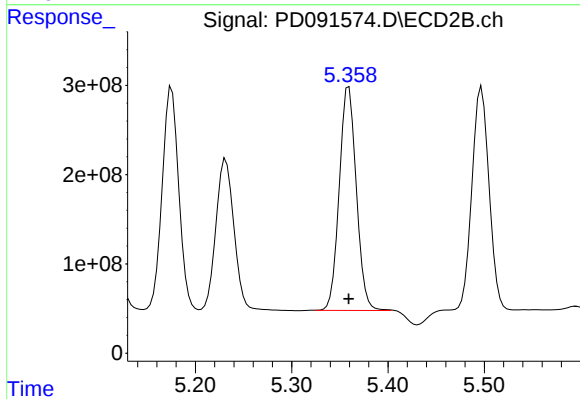
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 3030241483
Conc: 56.59 ng/ml



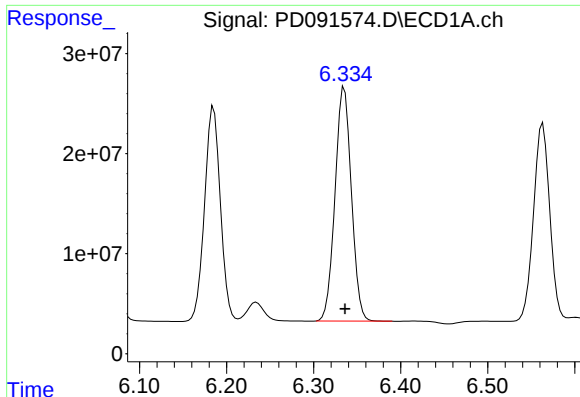
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 267451655
Conc: 46.04 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.001 min
Response: 3081583489
Conc: 56.23 ng/ml m



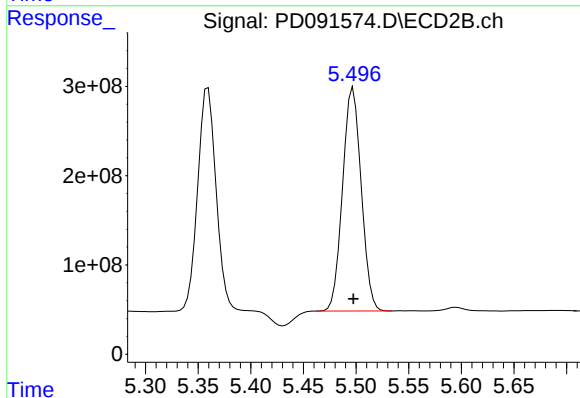
#13 Dieldrin

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 305851936
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

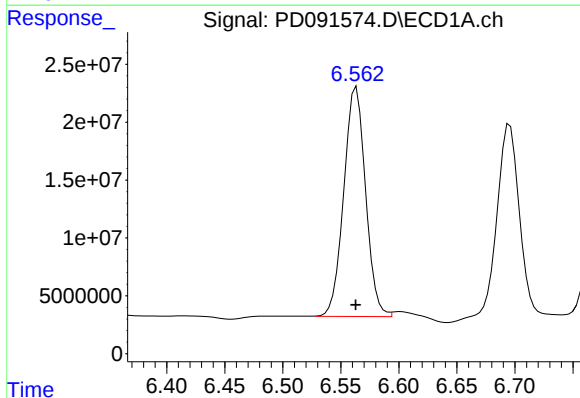
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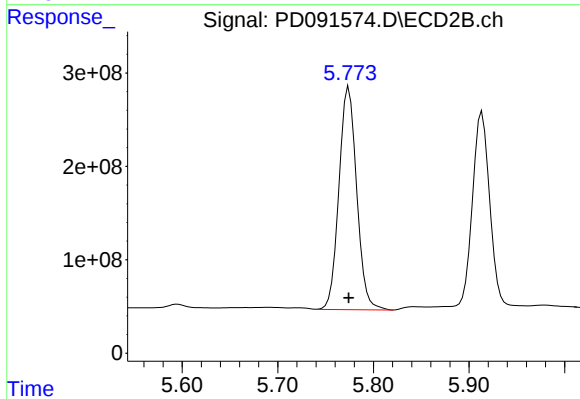
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 3095340810
Conc: 55.81 ng/ml



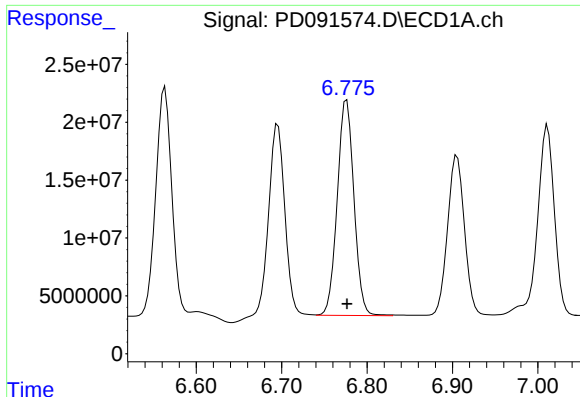
#14 Endrin

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 259719420
Conc: 46.31 ng/ml m



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 3078752840
Conc: 58.89 ng/ml m



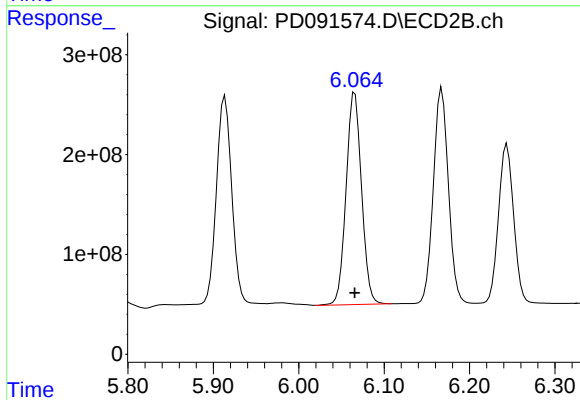
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.002 min
Response: 253106903
Conc: 41.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

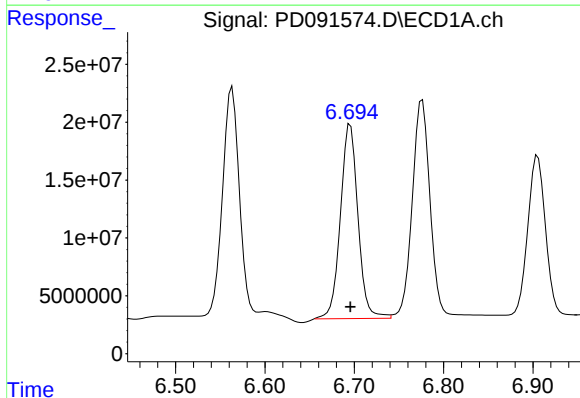
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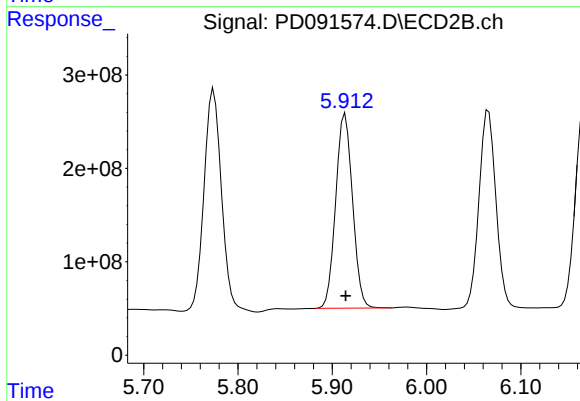
#15 Endosulfan II

R.T.: 6.064 min
Delta R.T.: -0.001 min
Response: 2667657757
Conc: 56.62 ng/ml m



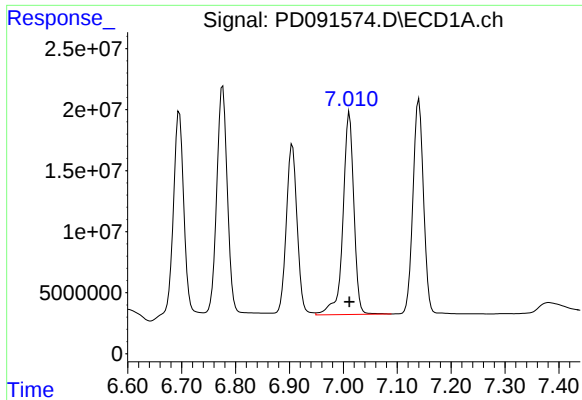
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 229512684
Conc: 49.86 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2584565389
Conc: 56.82 ng/ml



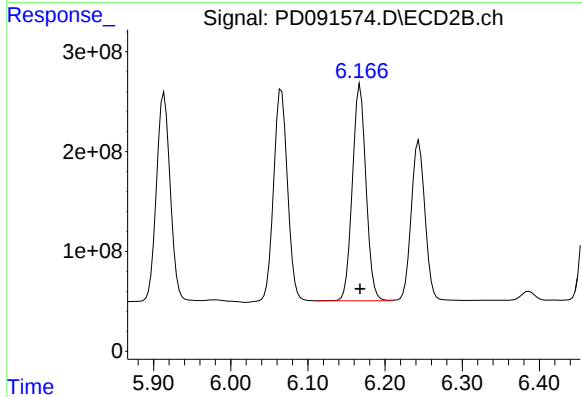
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 233274930
Conc: 45.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

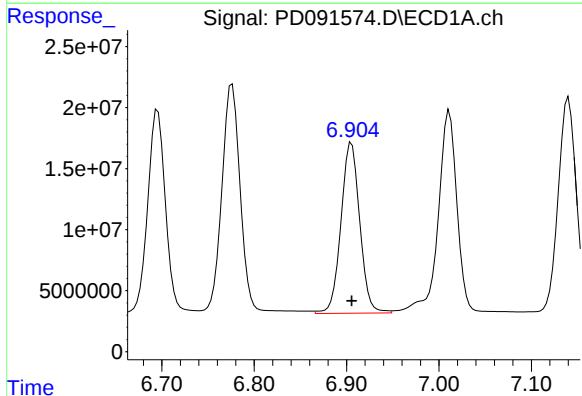
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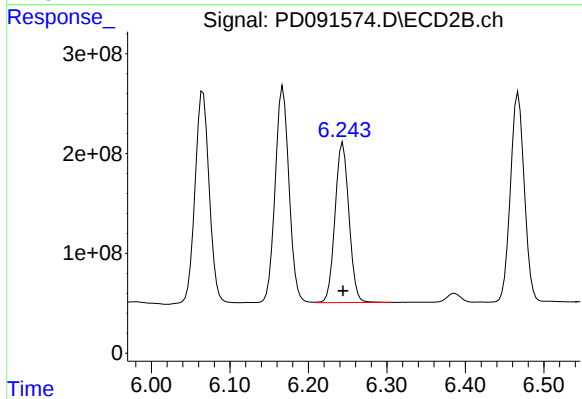
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 2656761681
Conc: 56.05 ng/ml



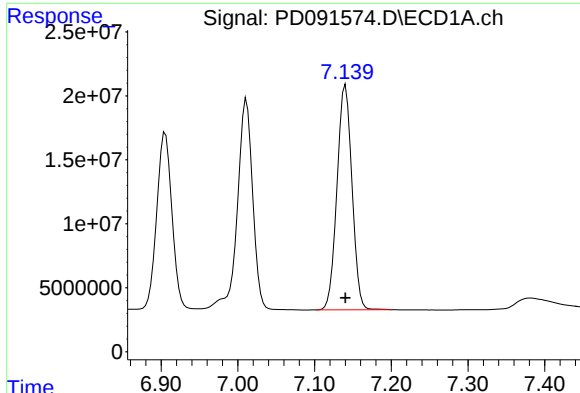
#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 197642654
Conc: 47.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 1978373006
Conc: 55.43 ng/ml



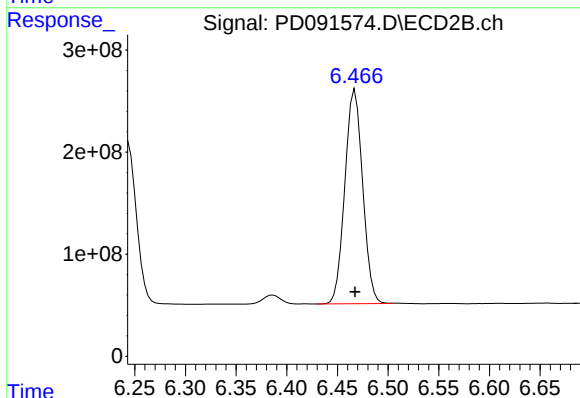
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 238803691
Conc: 45.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

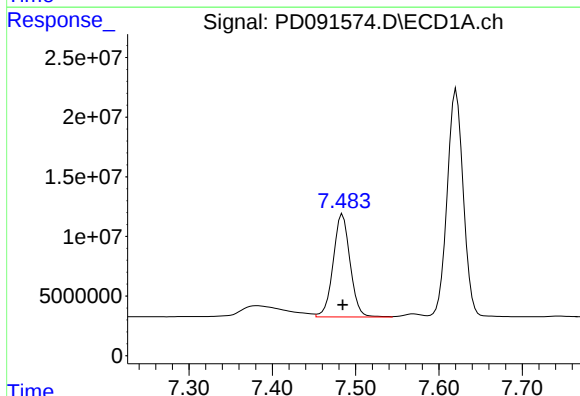
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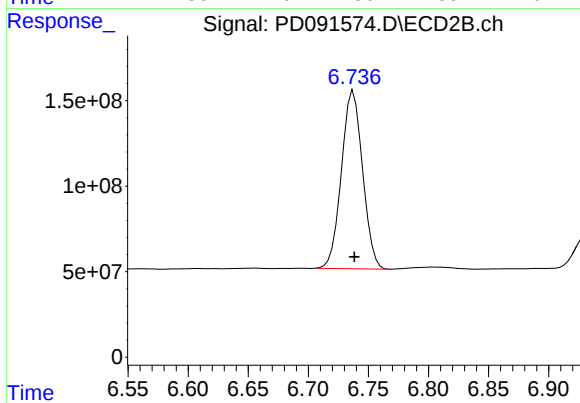
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2565288393
Conc: 55.65 ng/ml



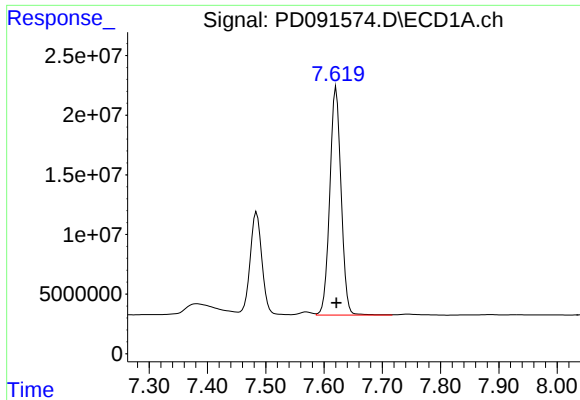
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 121648676
Conc: 45.26 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 1275534525
Conc: 54.05 ng/ml



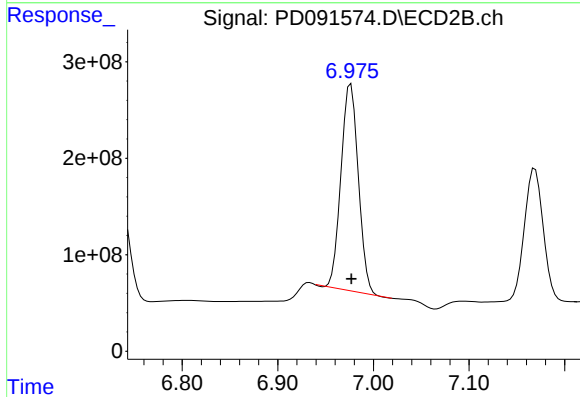
#21 Endrin ketone

R.T.: 7.621 min
Delta R.T.: 0.000 min
Response: 258054998
Conc: 45.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

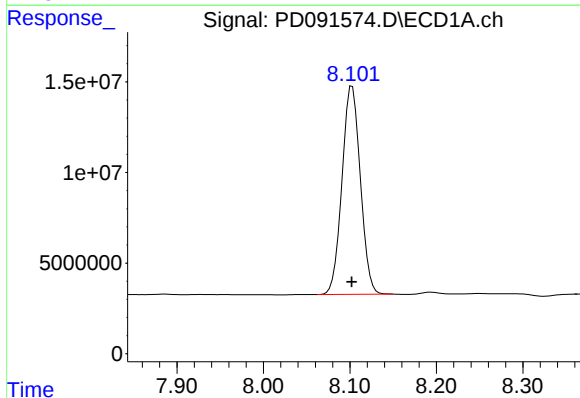
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2025
Supervised By :Yogesh Patel 12/15/2025



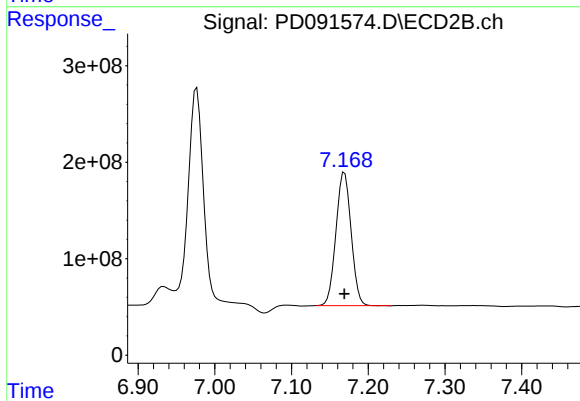
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 2691390609
Conc: 55.33 ng/ml



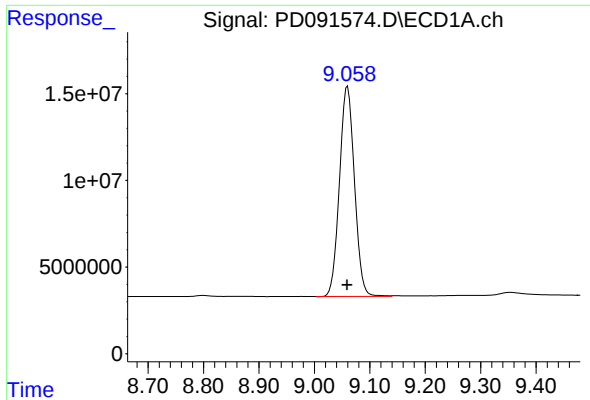
#22 Mirex

R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 168463542
Conc: 45.34 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 1895114471
Conc: 57.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 227954175
Conc: 43.85 ng/ml

Instrument :

ECD_D

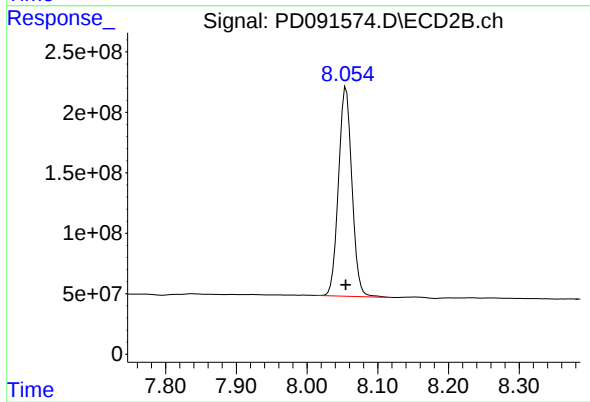
ClientSampleId :

PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 2278505489
Conc: 55.02 ng/ml