

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121025\
 Data File : PD091549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2025 19:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/11/2025
 Supervised By : Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 01:56:20 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...	3.541	2.871	155.1E6	1987.0E6	44.667	50.427
2)	SA Decachlor...	9.064	8.058	223.8E6	2321.1E6	43.050	56.050 #
Target Compounds							
2)	A alpha-BHC	3.990	3.383	372.0E6	3474.6E6	46.204	50.966
3)	MA gamma-BHC...	4.321	3.719	348.0E6	3199.7E6	46.300	56.904
4)	MA Heptachlor	4.919	4.070	337.4E6	3139.0E6	47.522	53.858
5)	MB Aldrin	5.261	4.356	335.7E6	3214.0E6	48.242	55.427
6)	B beta-BHC	4.509	4.015	131.2E6	1307.2E6	45.430	54.561
7)	B delta-BHC	4.757	4.251	345.2E6	3236.6E6	57.712	54.046
8)	B Heptachlo...	5.681	4.860	299.7E6	2823.7E6	48.399	55.807
9)	A Endosulfan I	6.065	5.234	282.6E6	2454.2E6	46.255	50.096
10)	B gamma-Chl...	5.938	5.113	302.3E6	3150.8E6	47.398	56.445
11)	B alpha-Chl...	6.018	5.178	302.0E6	2980.8E6	44.966	55.662
12)	B 4,4'-DDE	6.188	5.360	265.9E6	3036.3E6	45.772	55.400m
13)	MA Dieldrin	6.339	5.500	302.8E6	3084.1E6	46.543	55.606
14)	MA Endrin	6.566	5.776	258.8E6	3062.5E6	46.140	58.582m#
15)	B Endosulfa...	6.778	6.069	248.2E6	2659.6E6	40.816m	56.451 #
16)	A 4,4'-DDD	6.699	5.917	227.7E6	2608.7E6	49.465	57.349
17)	MA 4,4'-DDT	7.014	6.171	227.5E6	2665.4E6	44.121	56.233 #
18)	B Endrin al...	6.908	6.247	192.3E6	1968.4E6	46.026	55.151
19)	B Endosulfa...	7.143	6.470	236.5E6	2577.3E6	44.800	55.914
20)	A Methoxychlor	7.488	6.741	115.5E6	1333.0E6	42.987	56.487 #
21)	B Endrin ke...	7.624	6.980	254.3E6	2811.1E6	45.145	57.791 #
22)	Mirex	8.106	7.171	164.8E6	1929.7E6	44.351	58.877 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121025\
Data File : PD091549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2025 19:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

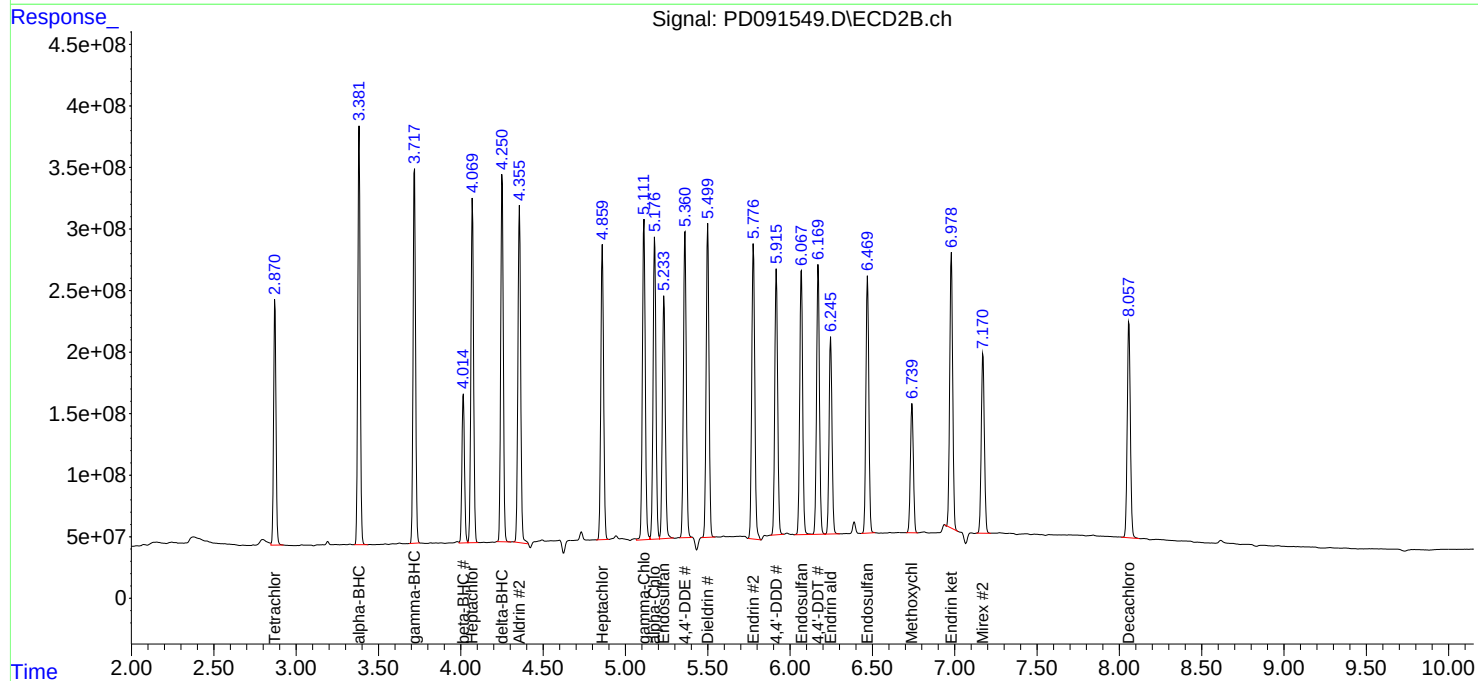
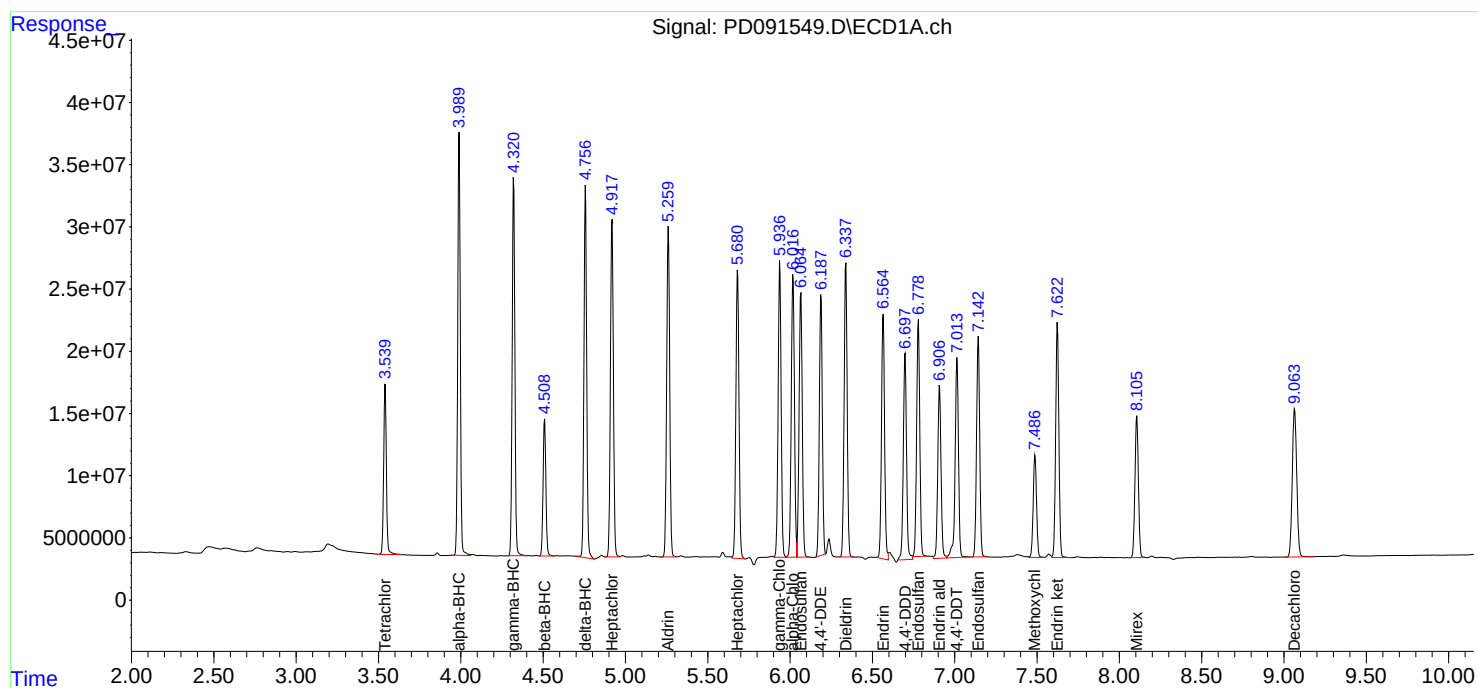
Manual Integrations

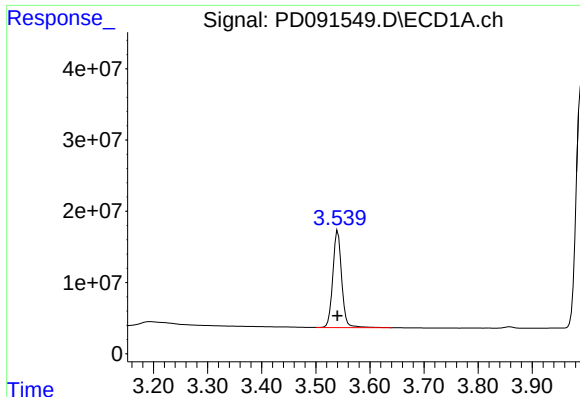
APPROVED

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Supervised By :Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 01:56:20 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





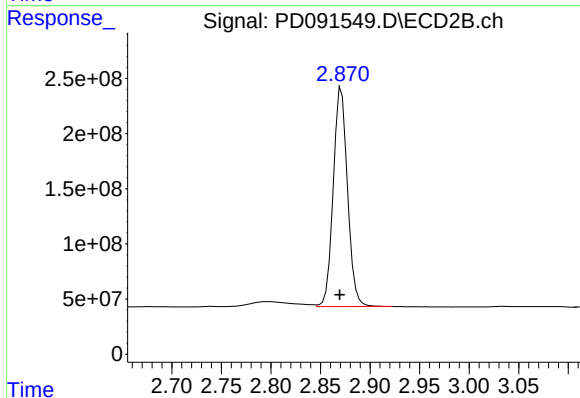
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 155141234
Conc: 44.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

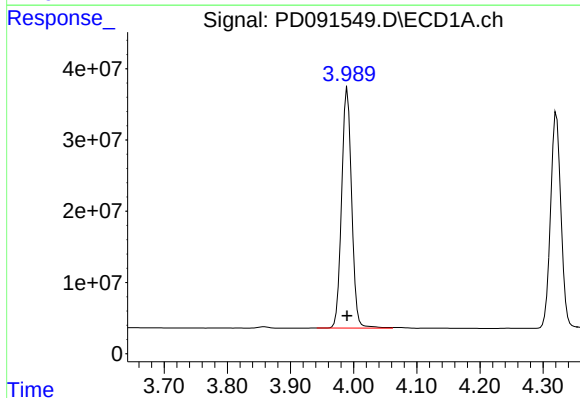
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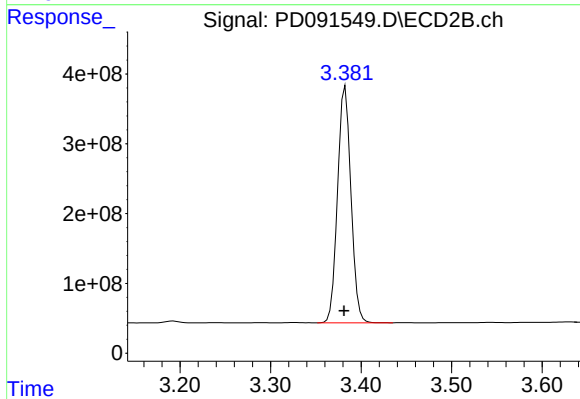
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: 0.002 min
Response: 1986986181
Conc: 50.43 ng/ml



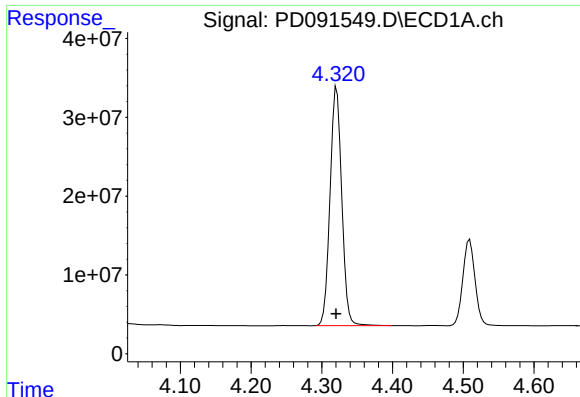
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 371985100
Conc: 46.20 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: 0.001 min
Response: 3474573047
Conc: 50.97 ng/ml



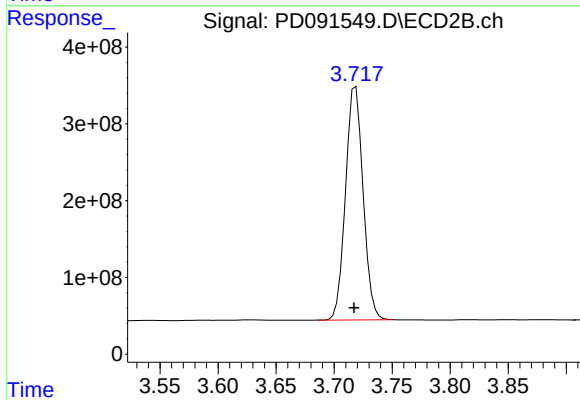
#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: 0.001 min
Response: 347977864
Conc: 46.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

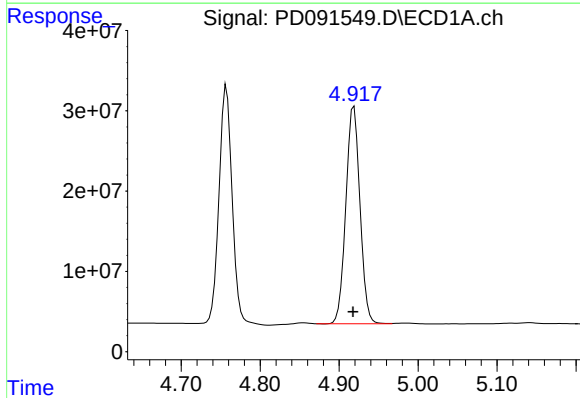
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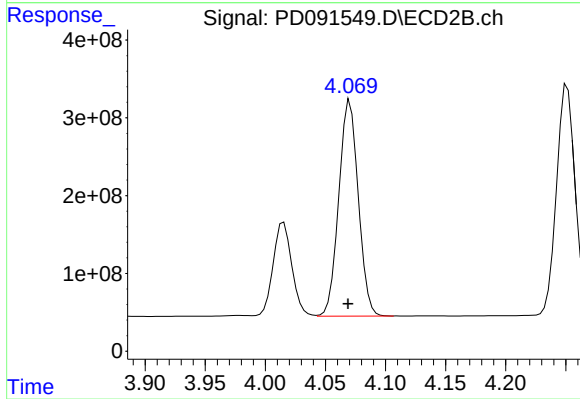
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: 0.001 min
Response: 3199677977
Conc: 56.90 ng/ml



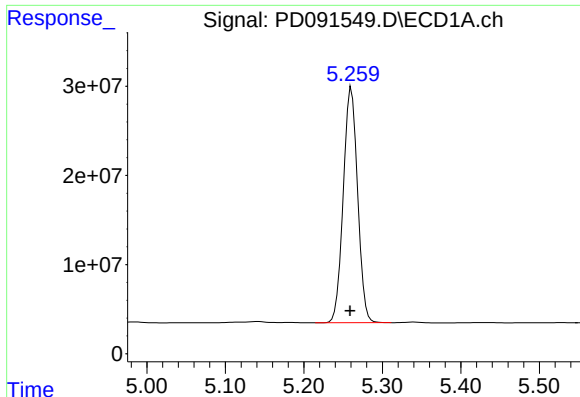
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.001 min
Response: 337355124
Conc: 47.52 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: 0.002 min
Response: 3139023388
Conc: 53.86 ng/ml



#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.002 min
Response: 335658040
Conc: 48.24 ng/ml

Instrument :

ECD_D

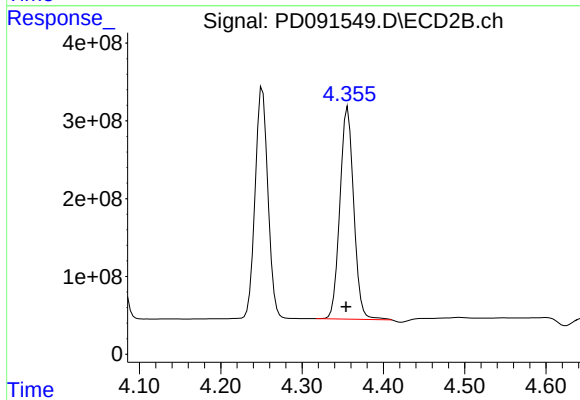
ClientSampleId :

PSTDCCC050

Manual Integrations

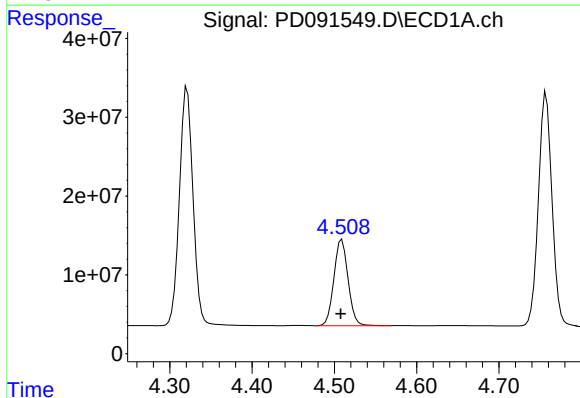
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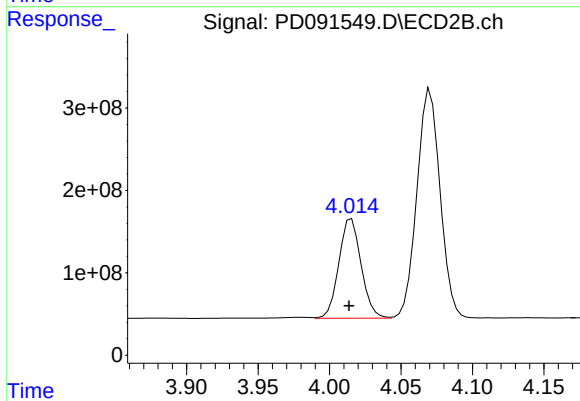
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: 0.002 min
Response: 3213988549
Conc: 55.43 ng/ml



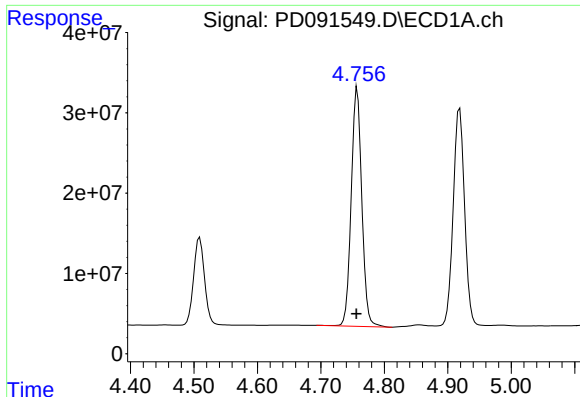
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: 0.001 min
Response: 131158760
Conc: 45.43 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: 0.002 min
Response: 1307240195
Conc: 54.56 ng/ml



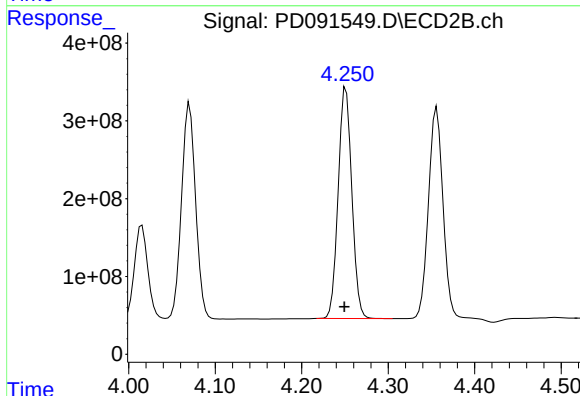
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: 0.001 min
Response: 345249327
Conc: 57.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

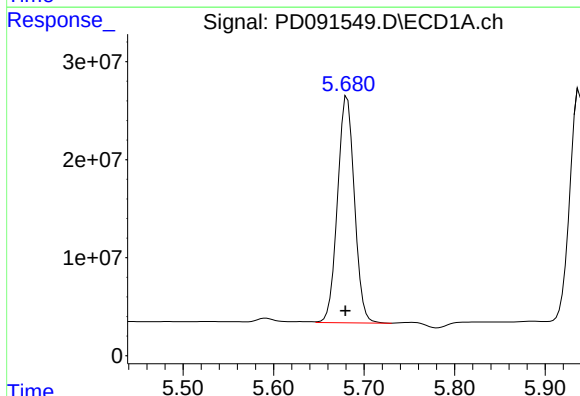
Manual Integrations
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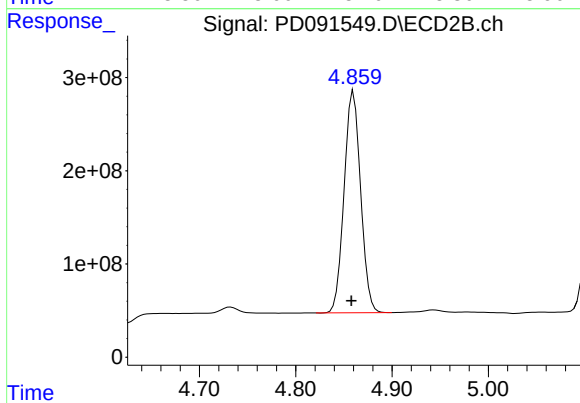
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: 0.002 min
Response: 3236634798
Conc: 54.05 ng/ml



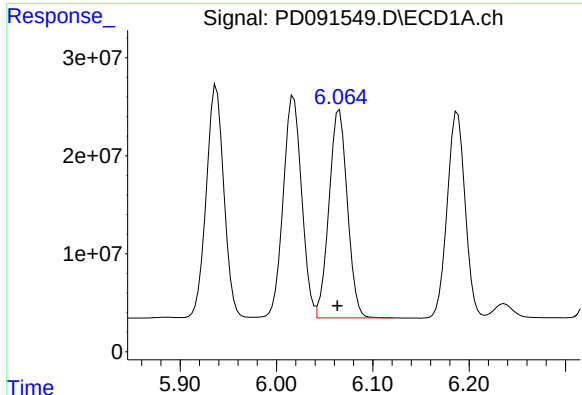
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 299703219
Conc: 48.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: 0.002 min
Response: 2823685245
Conc: 55.81 ng/ml



#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: 0.002 min
Response: 282609165
Conc: 46.26 ng/ml

Instrument :

ECD_D

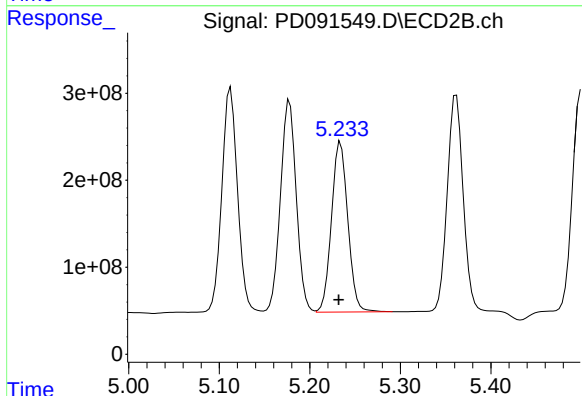
ClientSampleId :

PSTDCCC050

Manual Integrations

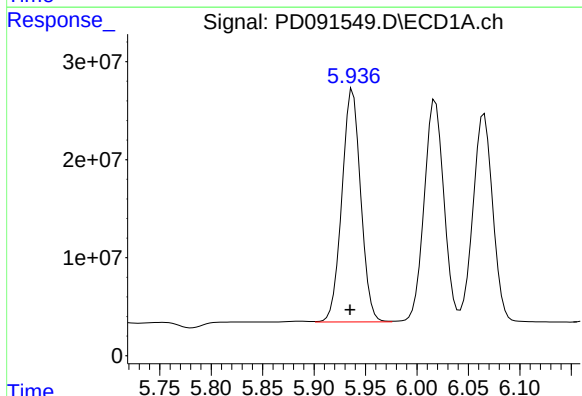
APPROVED

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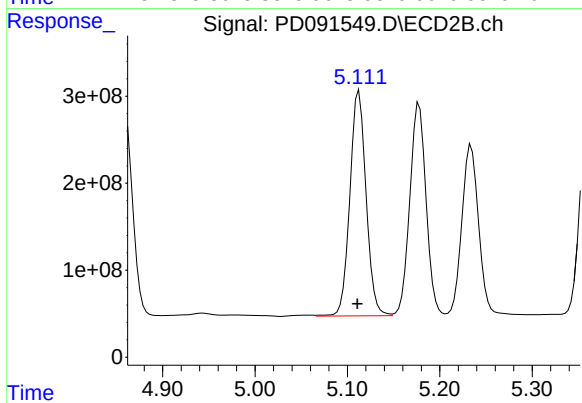
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 2454160941
Conc: 50.10 ng/ml



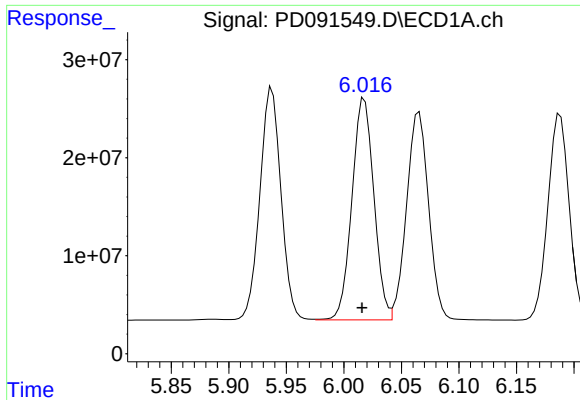
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 302255176
Conc: 47.40 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: 0.002 min
Response: 3150783310
Conc: 56.44 ng/ml



#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.002 min
Response: 301998619
Conc: 44.97 ng/ml

Instrument :

ECD_D

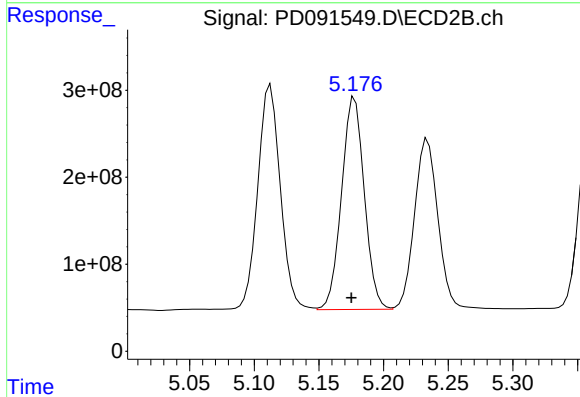
ClientSampleId :

PSTDCCC050

Manual Integrations

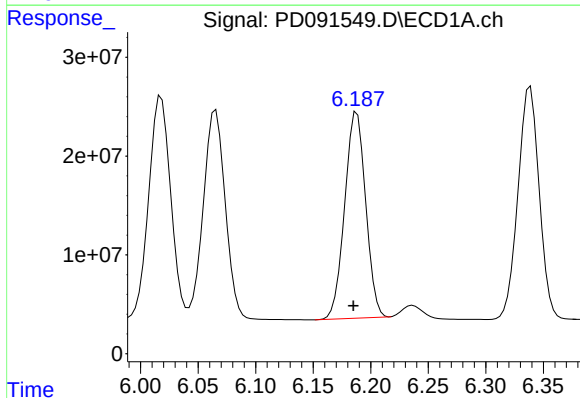
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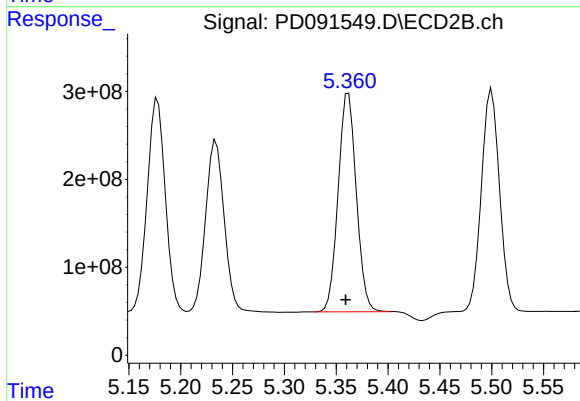
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: 0.003 min
Response: 2980772055
Conc: 55.66 ng/ml



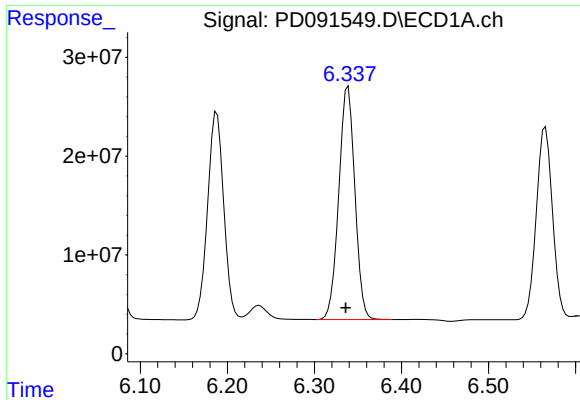
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.003 min
Response: 265908116
Conc: 45.77 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.001 min
Response: 3036323625
Conc: 55.40 ng/ml m



#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: 0.003 min
Response: 302846917
Conc: 46.54 ng/ml

Instrument :

ECD_D

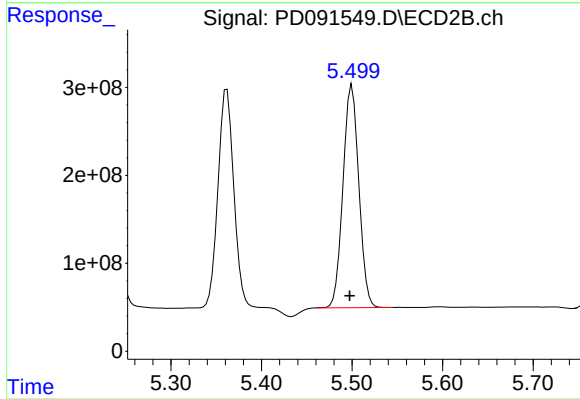
ClientSampleId :

PSTDCCC050

Manual Integrations

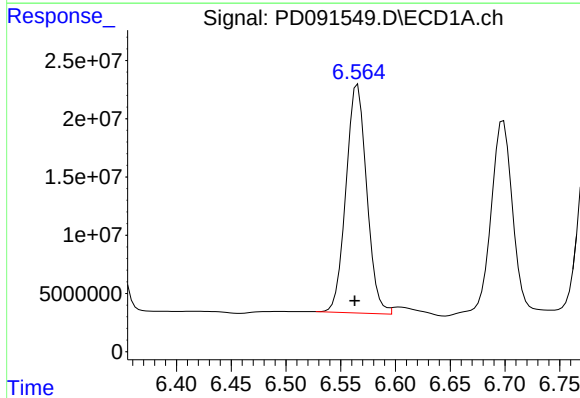
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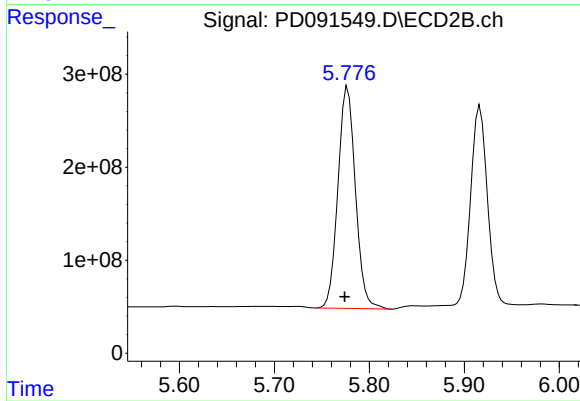
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: 0.002 min
Response: 3084129320
Conc: 55.61 ng/ml



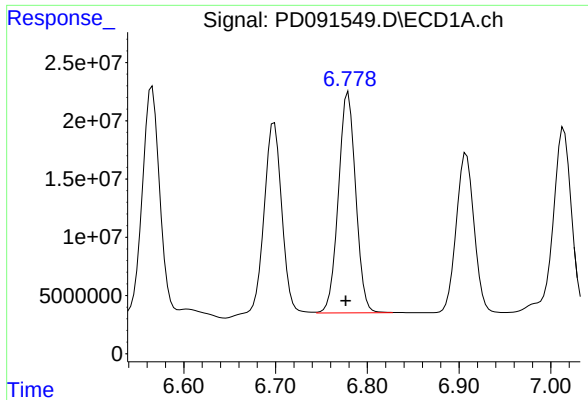
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.003 min
Response: 258760910
Conc: 46.14 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 3062548716
Conc: 58.58 ng/ml m



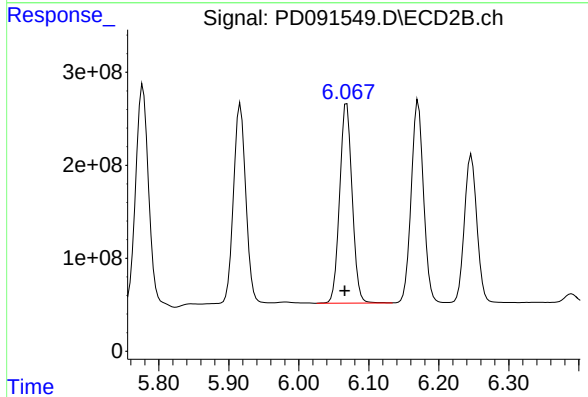
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: 0.001 min
Response: 248191716
Conc: 40.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

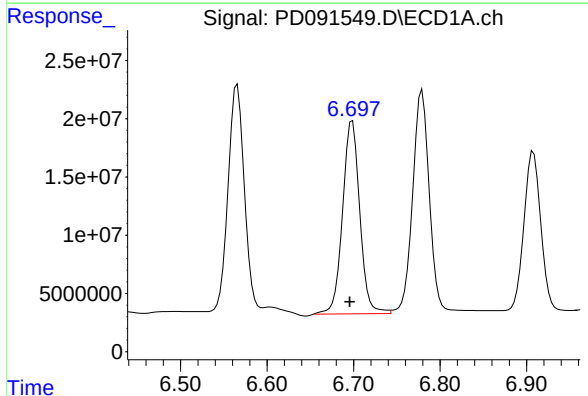
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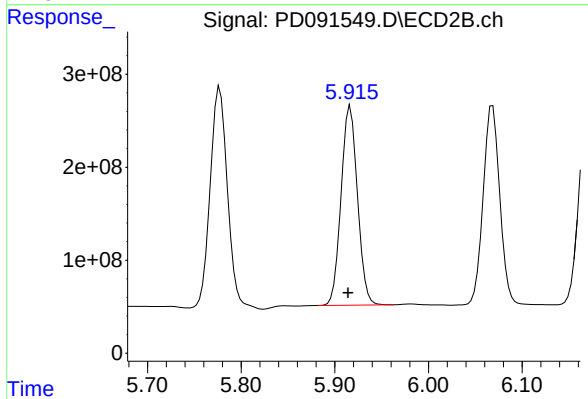
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 2659649866
Conc: 56.45 ng/ml



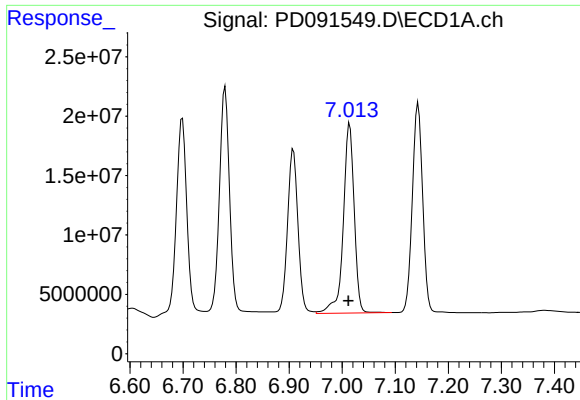
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.003 min
Response: 227677192
Conc: 49.46 ng/ml



#16 4,4'-DDD

R.T.: 5.917 min
Delta R.T.: 0.002 min
Response: 2608671631
Conc: 57.35 ng/ml



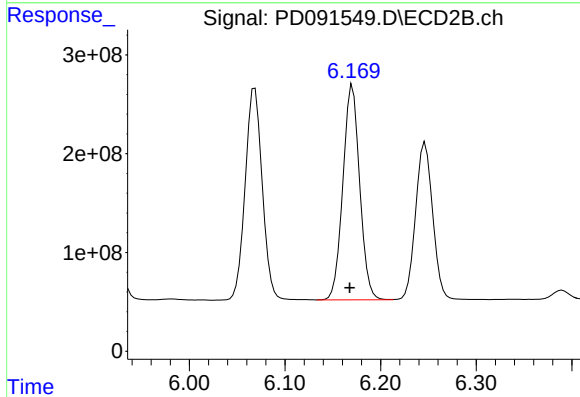
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.003 min
Response: 227507356
Conc: 44.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

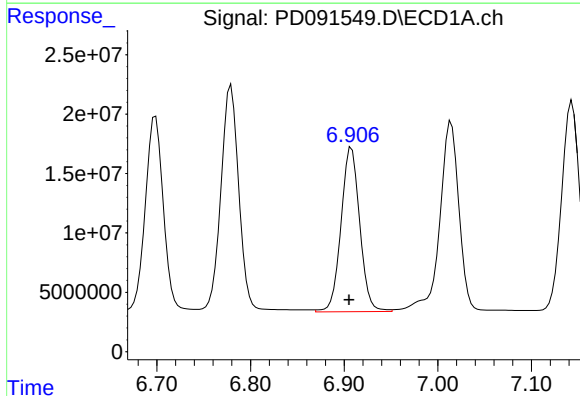
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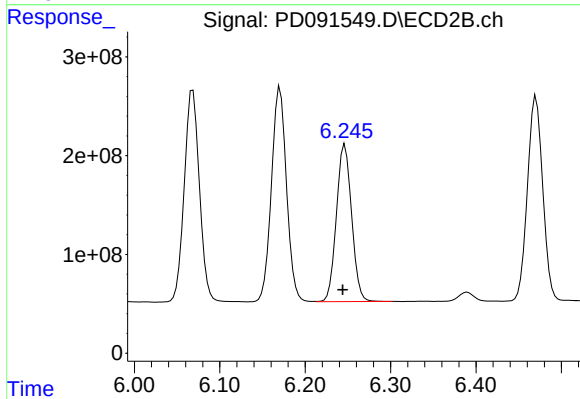
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.003 min
Response: 2665355001
Conc: 56.23 ng/ml



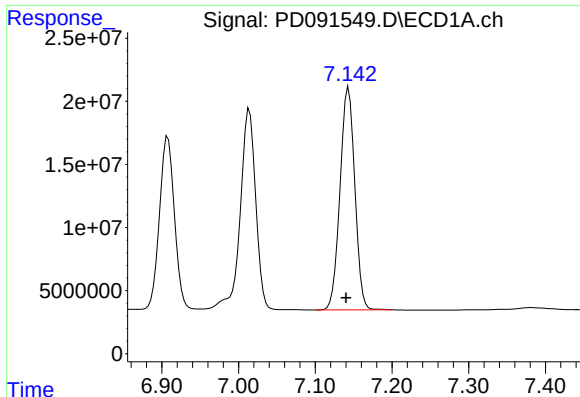
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: 0.002 min
Response: 192269439
Conc: 46.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.003 min
Response: 1968406307
Conc: 55.15 ng/ml



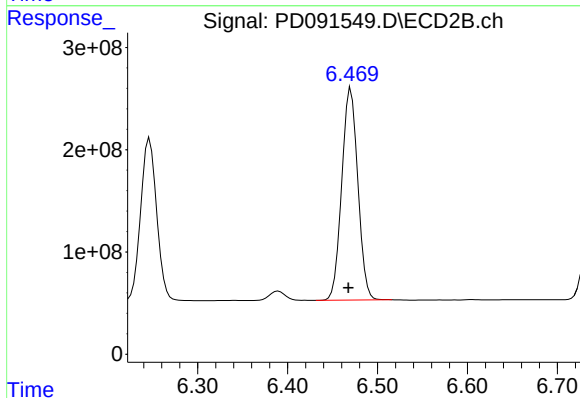
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: 0.003 min
Response: 236507588
Conc: 44.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

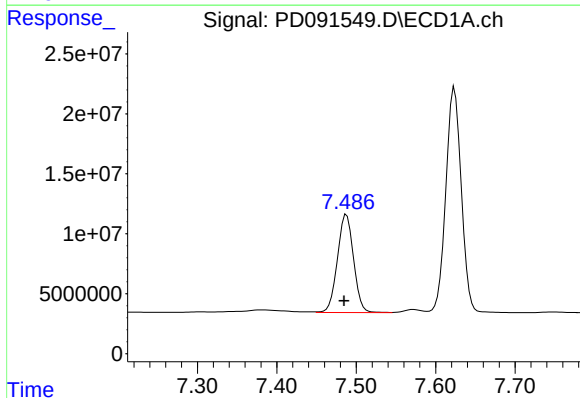
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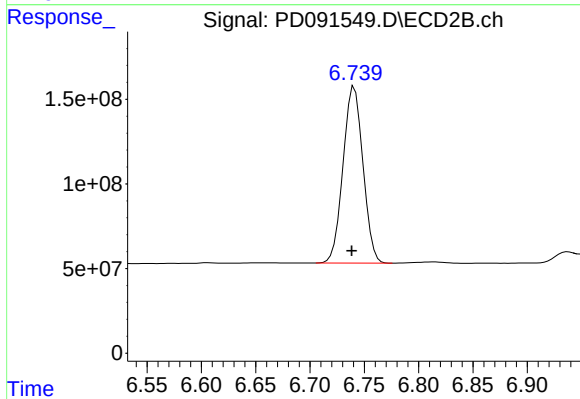
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.003 min
Response: 2577264196
Conc: 55.91 ng/ml



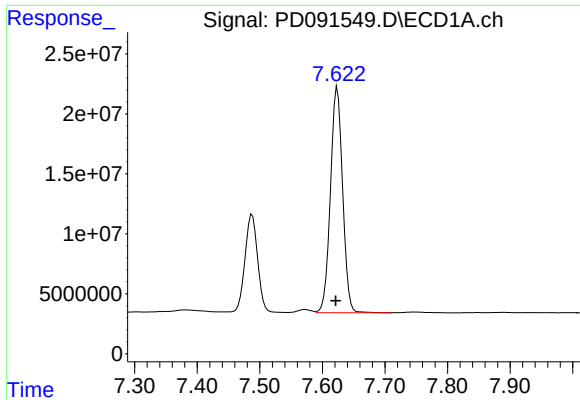
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.003 min
Response: 115548789
Conc: 42.99 ng/ml



#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: 0.003 min
Response: 1332975819
Conc: 56.49 ng/ml



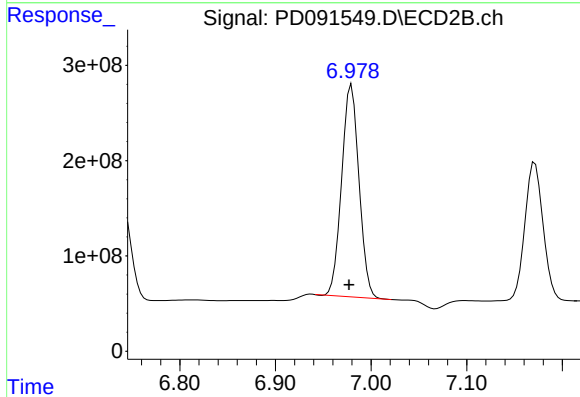
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.003 min
Response: 254339849
Conc: 45.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

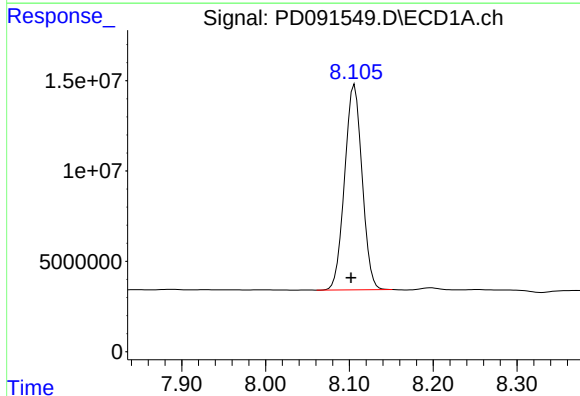
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2025
Supervised By :Yogesh Patel 12/11/2025



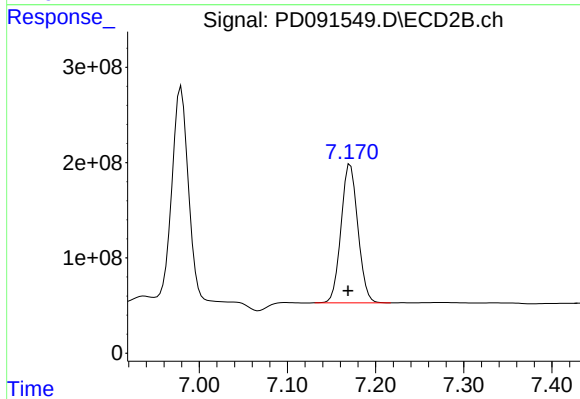
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 2811135965
Conc: 57.79 ng/ml



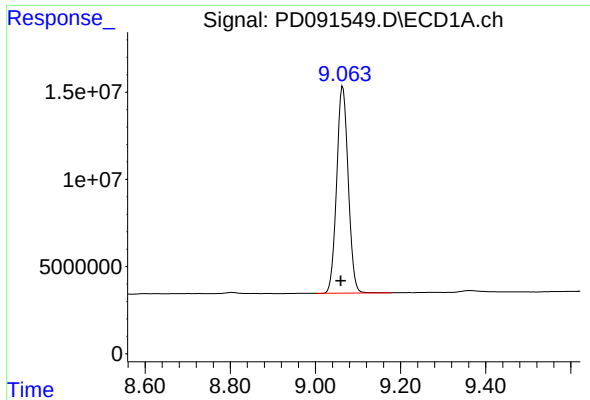
#22 Mirex

R.T.: 8.106 min
Delta R.T.: 0.004 min
Response: 164785705
Conc: 44.35 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: 0.003 min
Response: 1929714357
Conc: 58.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.005 min
Response: 223773655
Conc: 43.05 ng/ml

Instrument :

ECD_D

ClientSampleId :

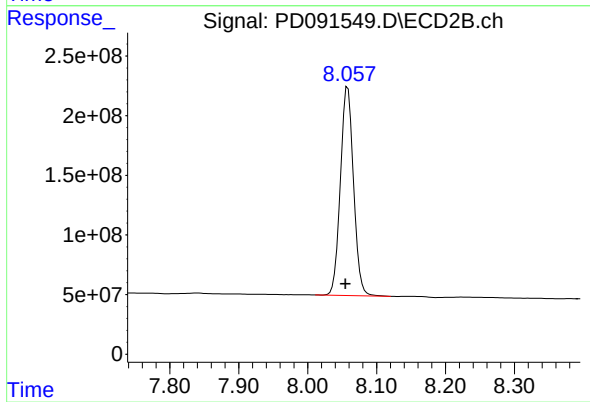
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.004 min
Response: 2321057687
Conc: 56.05 ng/ml