

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120925\
 Data File : PD091526.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2025 14:22
 Operator : AR\AJ
 Sample : PB170776BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170776BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2025
 Supervised By :mohammad ahmed 12/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 00:37:49 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...	3.544	2.870	63433818	807.9E6	18.263	20.503
28)	SA Decachlor...	9.063	8.057	107.4E6	930.6E6	20.663	22.472
Target Compounds							
2)	A alpha-BHC	3.994	3.382	380.2E6	3431.6E6	47.218	50.336
3)	MA gamma-BHC...	4.324	3.718	359.4E6	3154.2E6	47.817	56.095
4)	MA Heptachlor	4.922	4.070	351.7E6	3098.2E6	49.544	53.158
5)	MB Aldrin	5.263	4.355	348.5E6	3092.2E6	50.088	53.326
6)	B beta-BHC	4.511	4.014	136.9E6	1299.5E6	47.435m	54.237
7)	B delta-BHC	4.760	4.250	345.4E6	3148.6E6	57.736	52.577
8)	B Heptachlo...	5.683	4.858	306.3E6	2774.6E6	49.461	54.837
9)	A Endosulfan I	6.067	5.233	299.7E6	2632.1E6	49.044	53.728
10)	B gamma-Chl...	5.939	5.110	316.2E6	3022.7E6	49.582	54.149m
11)	B alpha-Chl...	6.019	5.176	319.2E6	2922.4E6	47.532	54.573
12)	B 4,4'-DDE	6.189	5.360	286.7E6	2964.1E6	49.357	54.083
13)	MA Dieldrin	6.340	5.498	322.3E6	2992.8E6	49.532	53.958
14)	MA Endrin	6.567	5.776	270.2E6	2715.0E6	48.182	51.933
15)	B Endosulfa...	6.780	6.067	269.0E6	2538.3E6	44.232	53.876
16)	A 4,4'-DDD	6.699	5.915	231.6E6	2496.8E6	50.307	54.889
17)	MA 4,4'-DDT	7.015	6.169	245.0E6	2555.1E6	47.506	53.906
18)	B Endrin al...	6.909	6.245	203.3E6	1900.4E6	48.666	53.245
19)	B Endosulfa...	7.144	6.469	255.0E6	2478.1E6	48.303	53.763
20)	A Methoxychlor	7.488	6.740	124.9E6	1251.1E6	46.454	53.015
21)	B Endrin ke...	7.624	6.978	275.9E6	2661.2E6	48.970	54.709
22)	Mirex	8.106	7.170	170.4E6	1714.8E6	45.853	52.321

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120925\
Data File : PD091526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2025 14:22
Operator : AR\AJ
Sample : PB170776BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170776BS

Manual Integrations

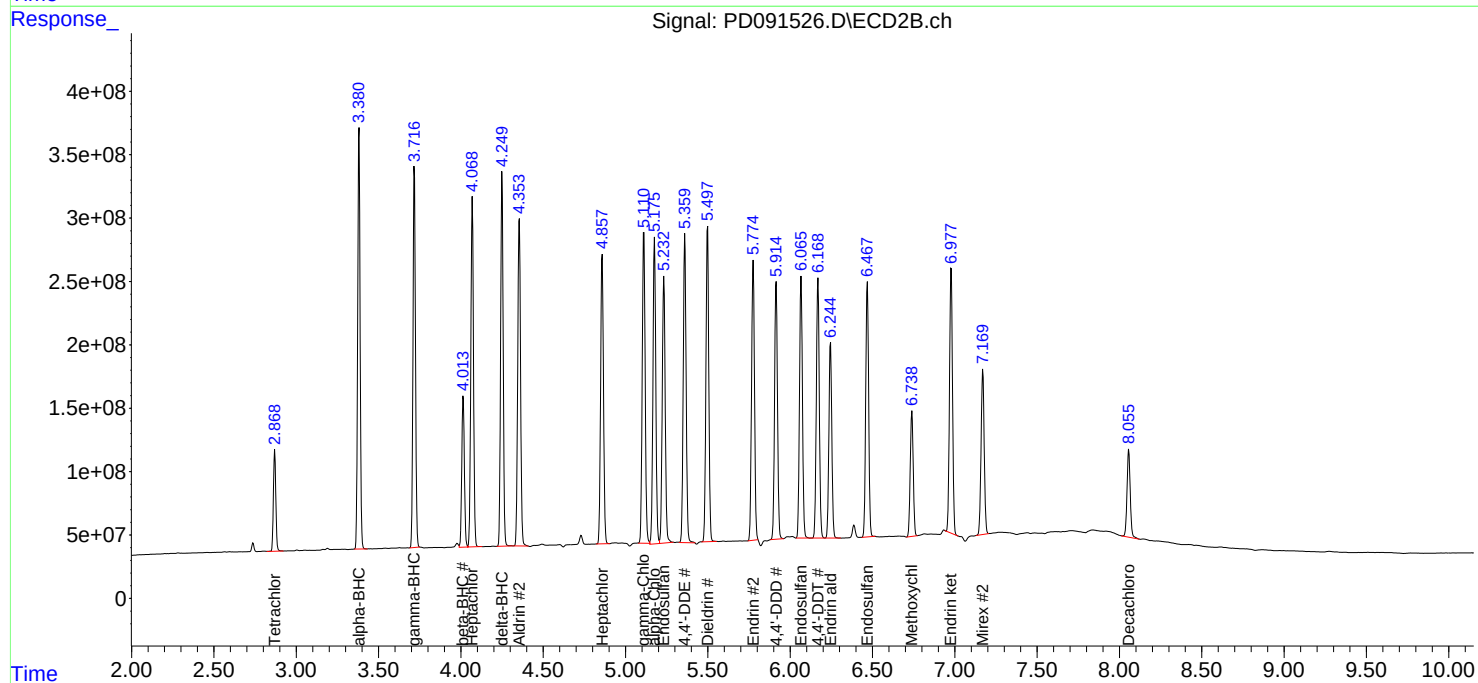
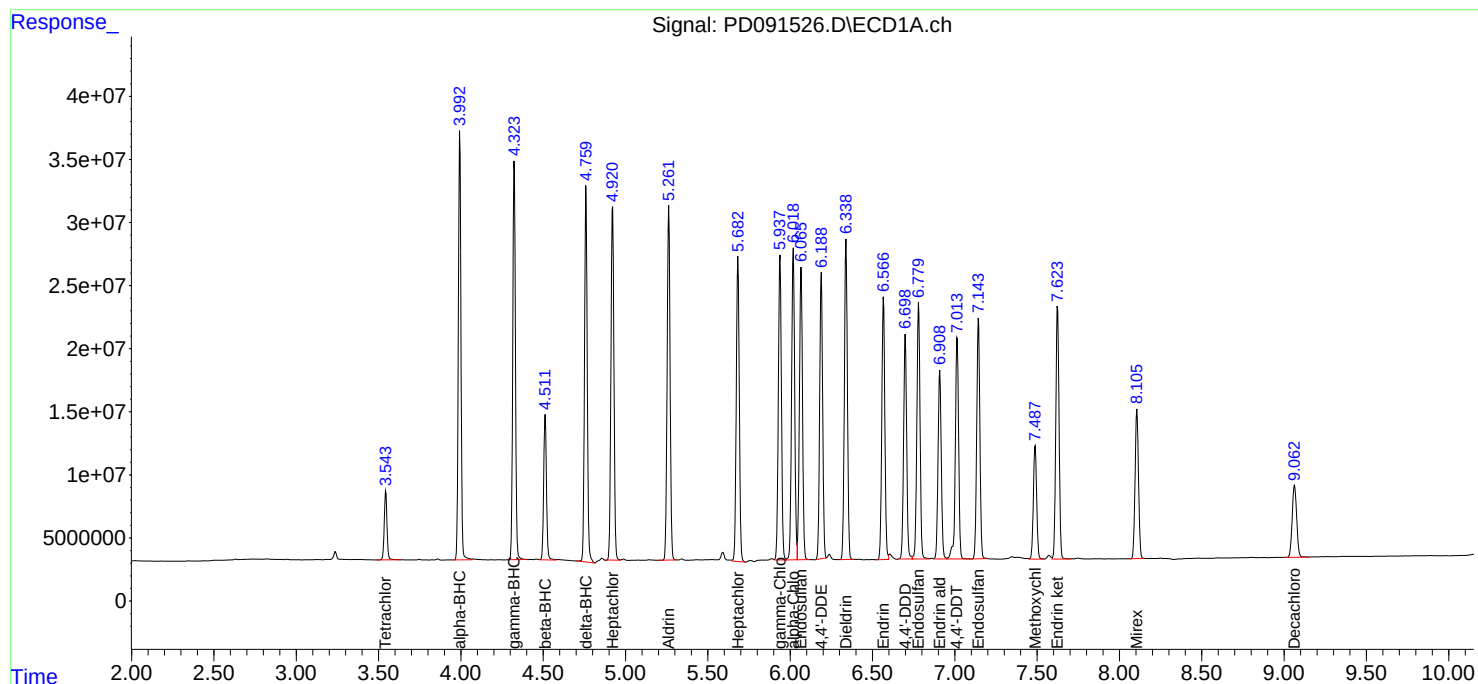
APPROVED

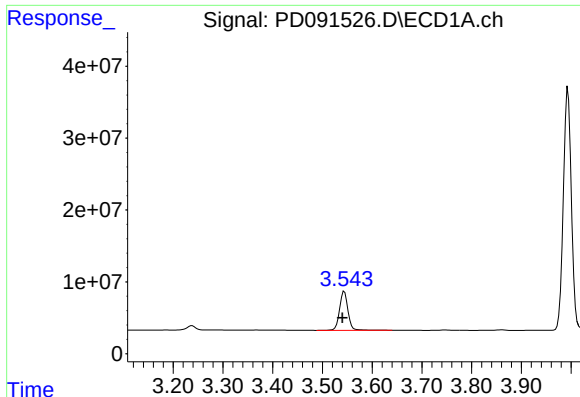
Reviewed By :Yogesh Patel 12/10/2025

Supervised By :mohammad ahmed 12/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 10 00:37:49 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





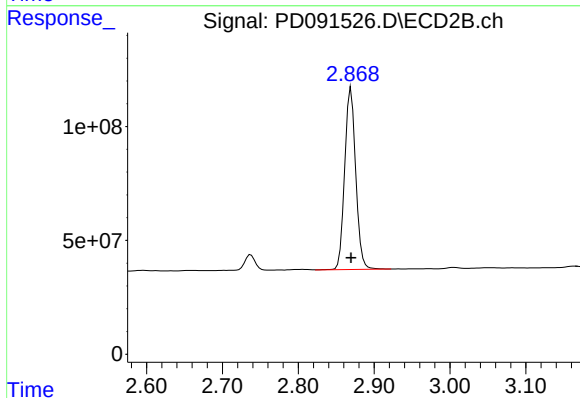
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.004 min
Response: 63433818
Conc: 18.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170776BS

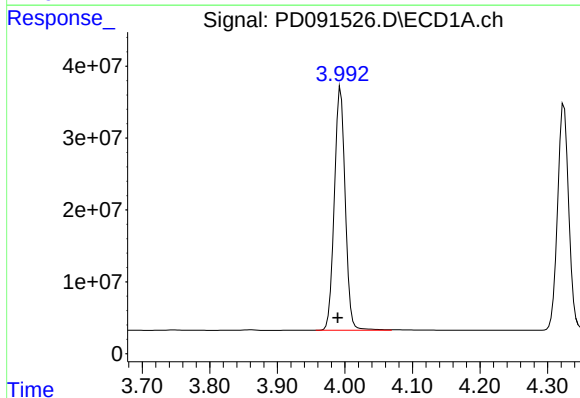
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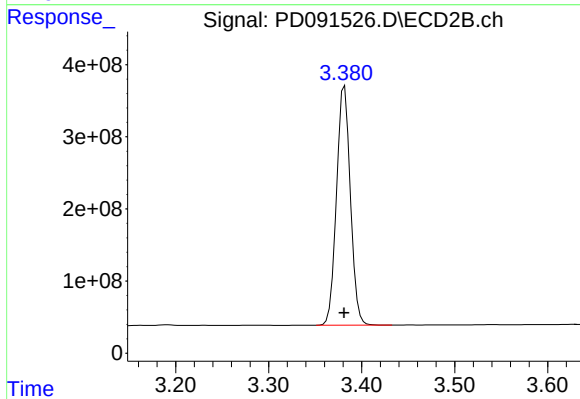
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 807870832
Conc: 20.50 ng/ml



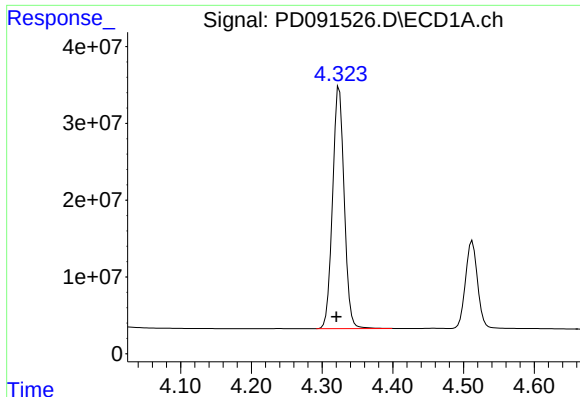
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.004 min
Response: 380150658
Conc: 47.22 ng/ml



#2 alpha-BHC

R.T.: 3.382 min
Delta R.T.: 0.000 min
Response: 3431620851
Conc: 50.34 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.004 min
Response: 359382294
Conc: 47.82 ng/ml

Instrument :

ECD_D

ClientSampleId :

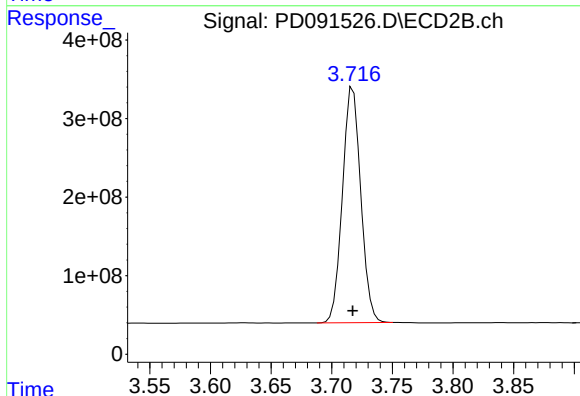
PB170776BS

Manual Integrations

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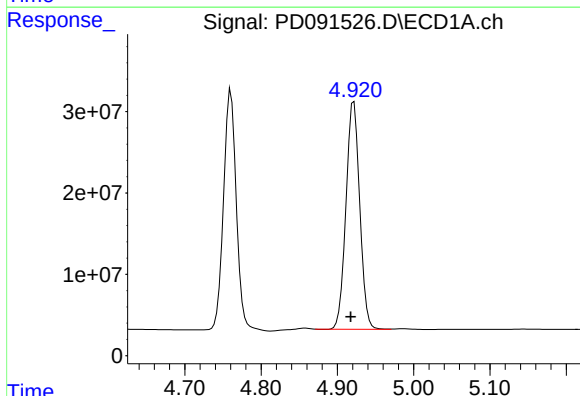
Reviewed By :Yogesh Patel 12/10/2025

Supervised By :mohammad ahmed 12/10/2025



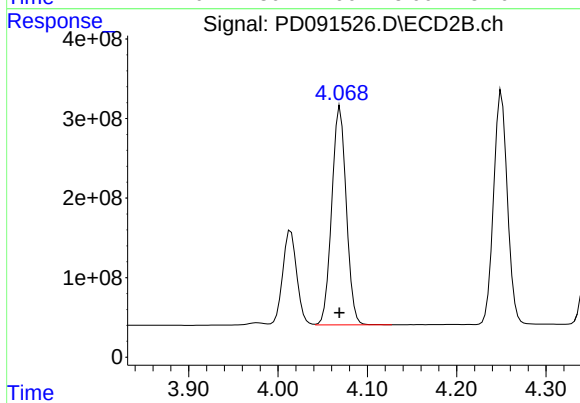
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: 0.000 min
Response: 3154196448
Conc: 56.10 ng/ml



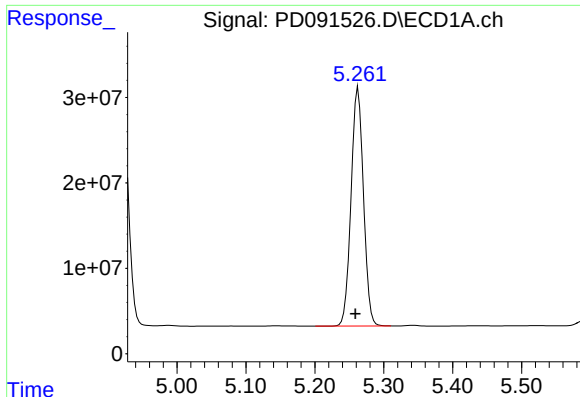
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.004 min
Response: 351709282
Conc: 49.54 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 3098244912
Conc: 53.16 ng/ml



#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.004 min
Response: 348503764
Conc: 50.09 ng/ml

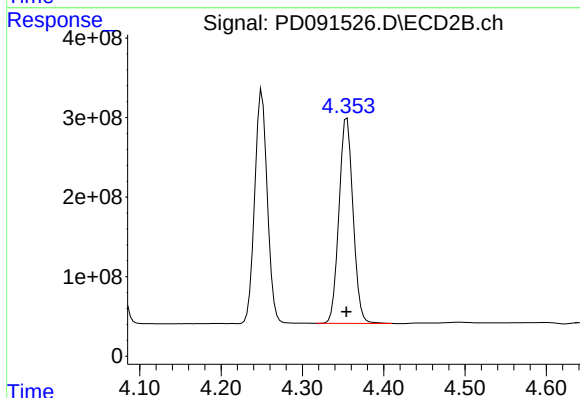
Instrument :

ECD_D

ClientSampleId :
PB170776BS

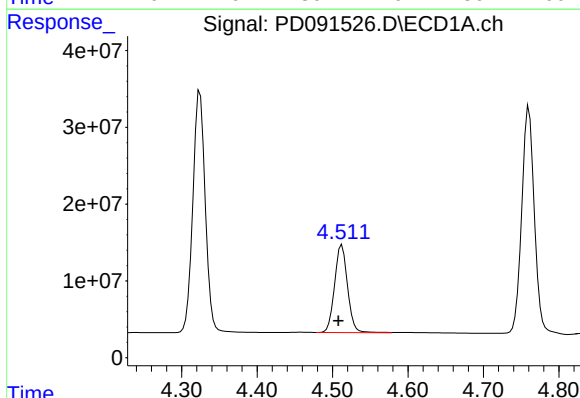
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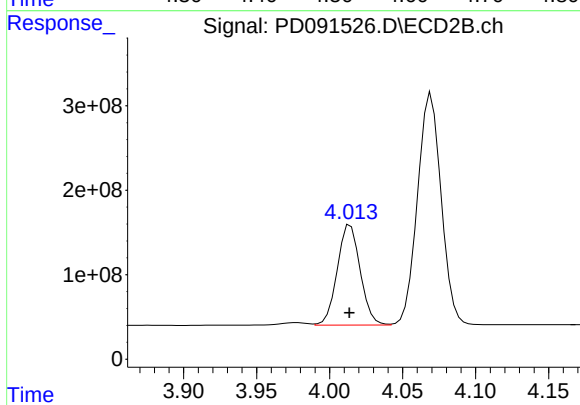
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 3092166937
Conc: 53.33 ng/ml



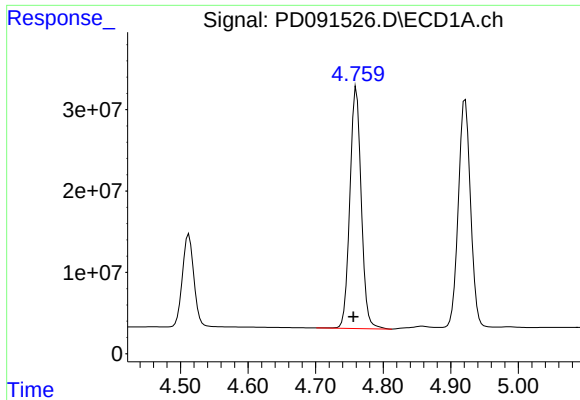
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.003 min
Response: 136949171
Conc: 47.44 ng/ml m



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1299470710
Conc: 54.24 ng/ml



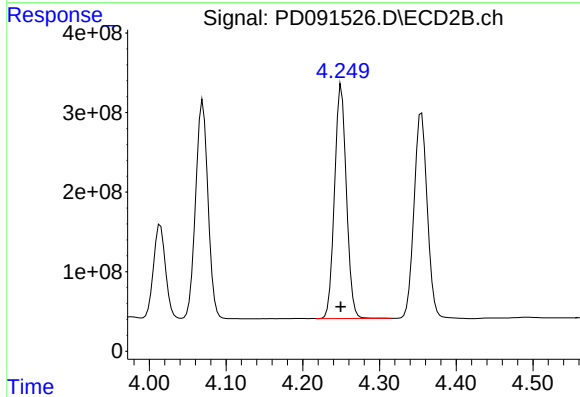
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.004 min
Response: 345390201
Conc: 57.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170776BS

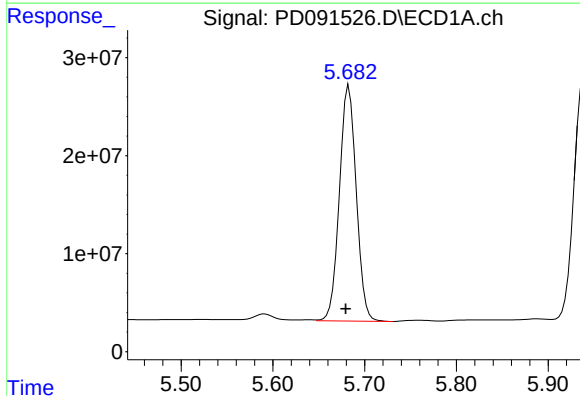
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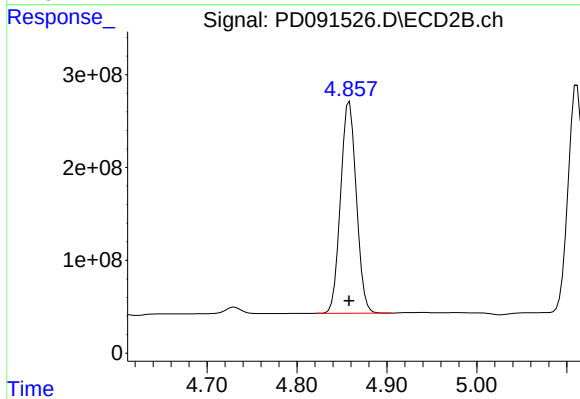
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 3148645712
Conc: 52.58 ng/ml



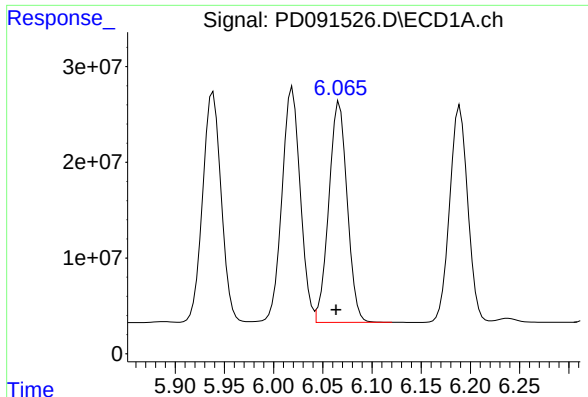
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.004 min
Response: 306277053
Conc: 49.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 2774590076
Conc: 54.84 ng/ml



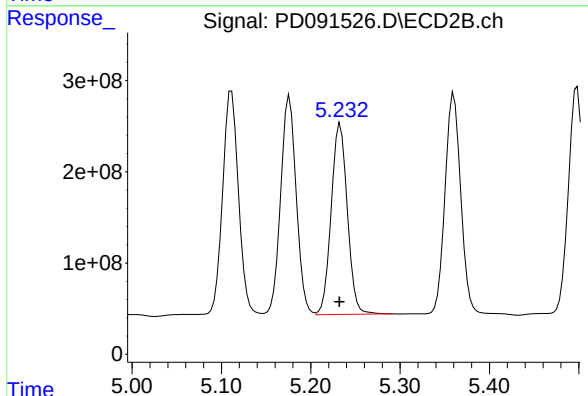
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.004 min
Response: 299651009
Conc: 49.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170776BS

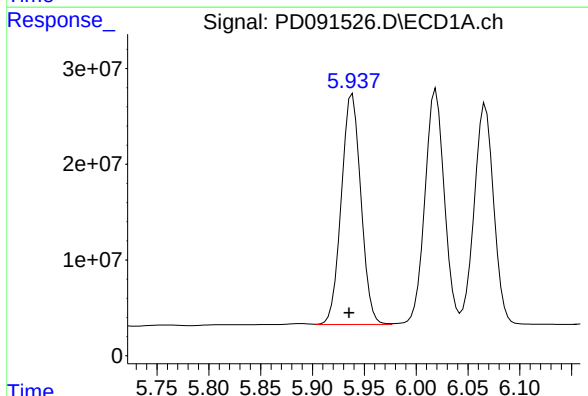
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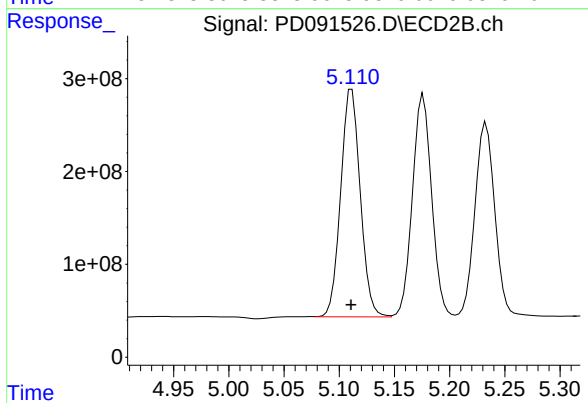
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: 0.001 min
Response: 2632101415
Conc: 53.73 ng/ml



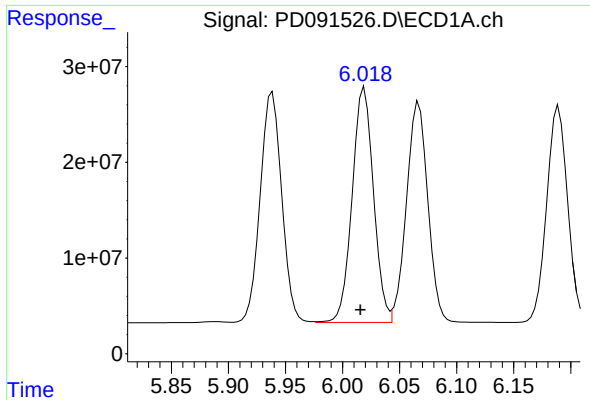
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.003 min
Response: 316182617
Conc: 49.58 ng/ml



#10 gamma-Chlordane

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 3022657947
Conc: 54.15 ng/ml m



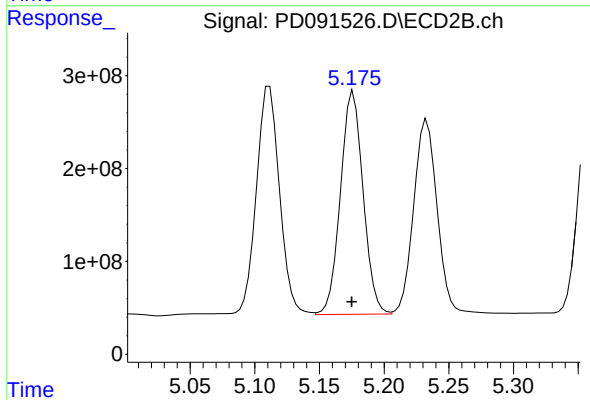
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.003 min
Response: 319233168
Conc: 47.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170776BS

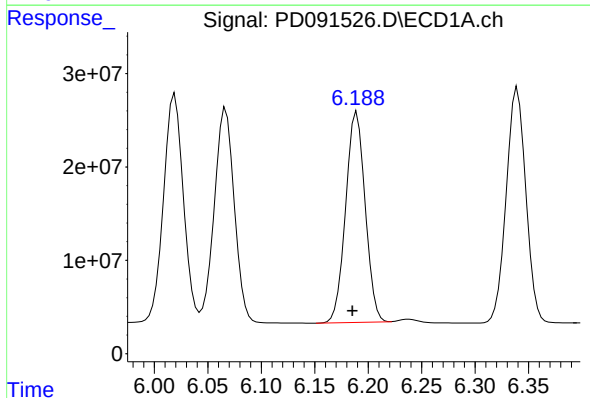
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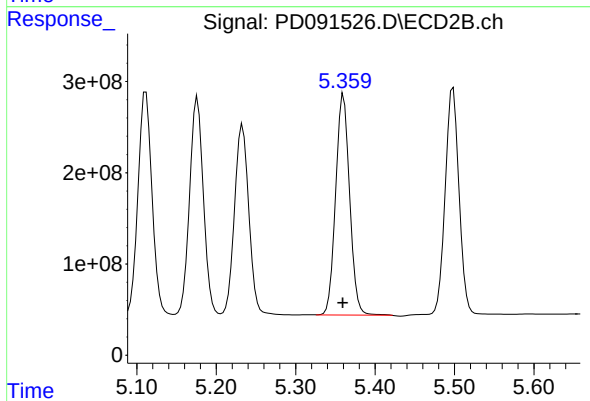
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.001 min
Response: 2922446239
Conc: 54.57 ng/ml



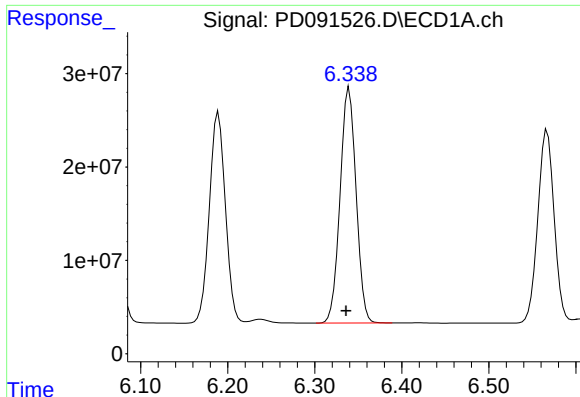
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.004 min
Response: 286732984
Conc: 49.36 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.001 min
Response: 2964147413
Conc: 54.08 ng/ml



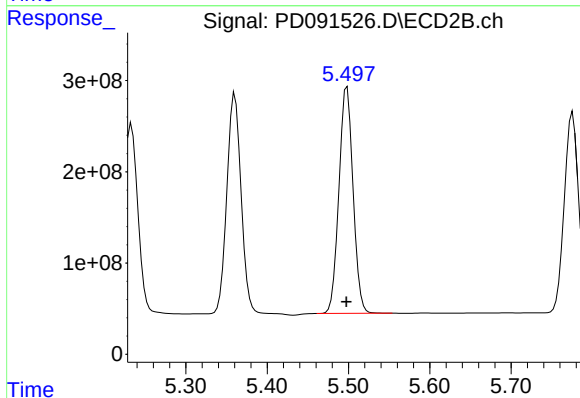
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.004 min
Response: 322292359
Conc: 49.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170776BS

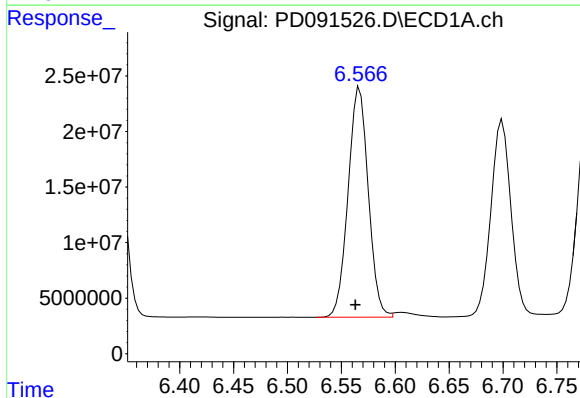
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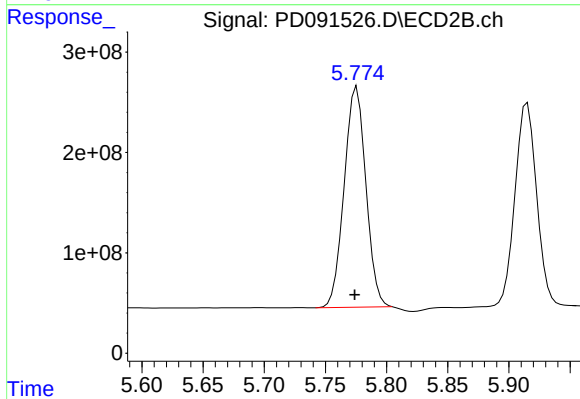
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 2992752333
Conc: 53.96 ng/ml



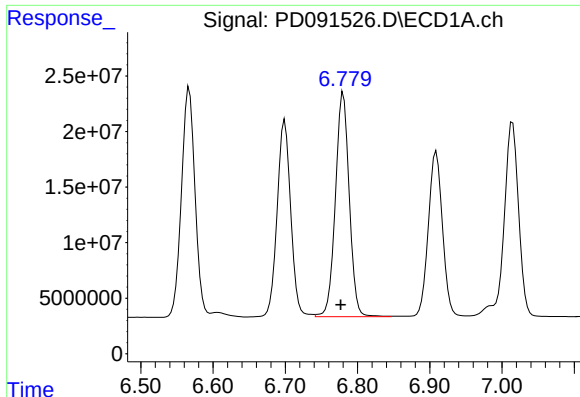
#14 Endrin

R.T.: 6.567 min
Delta R.T.: 0.004 min
Response: 270211891
Conc: 48.18 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 2714970828
Conc: 51.93 ng/ml



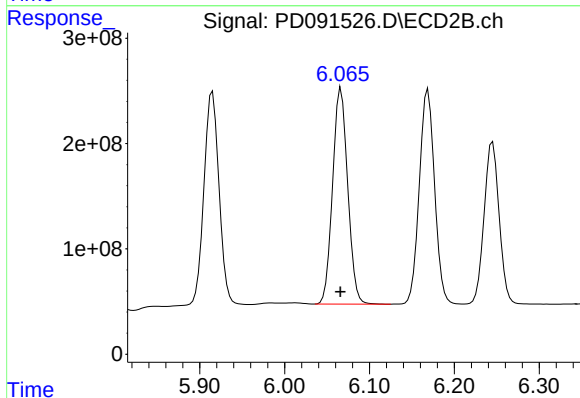
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.004 min
Response: 268965830
Conc: 44.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170776BS

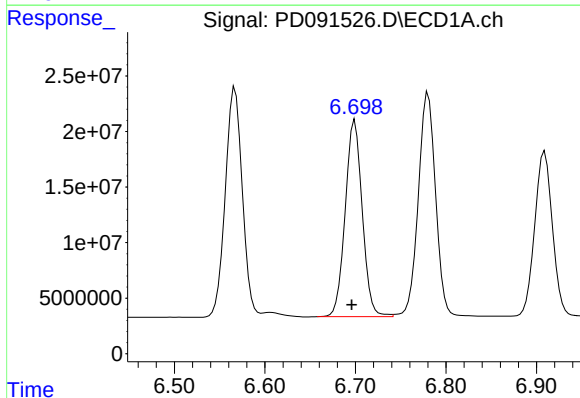
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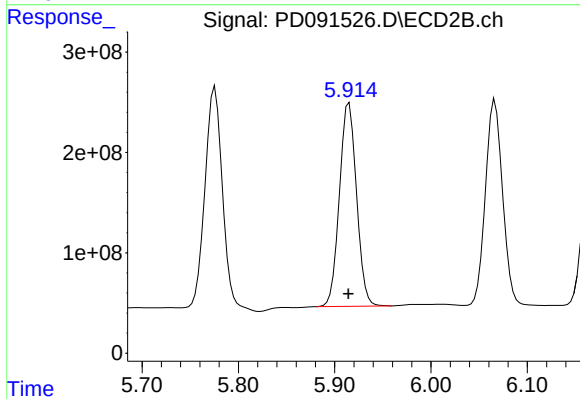
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 2538330233
Conc: 53.88 ng/ml



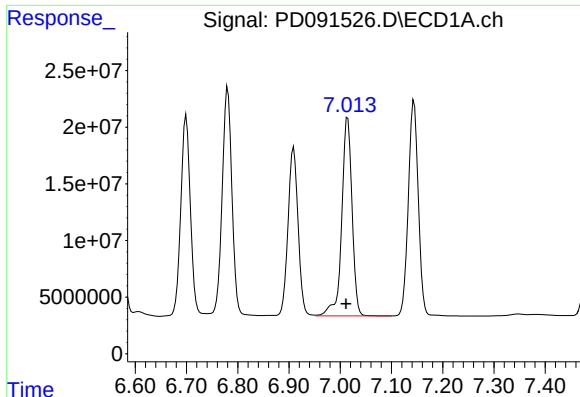
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.003 min
Response: 231553843
Conc: 50.31 ng/ml



#16 4,4'-DDD

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 2496763781
Conc: 54.89 ng/ml



#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.003 min
Response: 244960810
Conc: 47.51 ng/ml

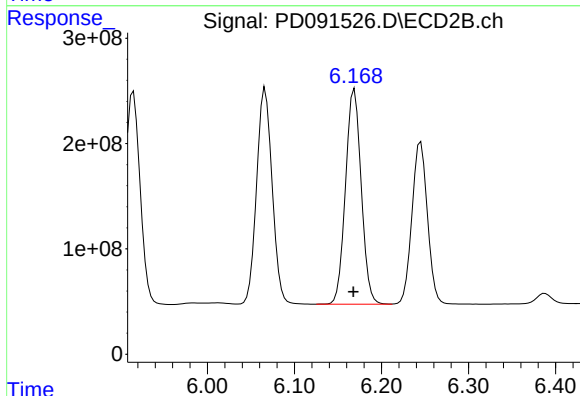
Instrument :

ECD_D

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PB170776BS

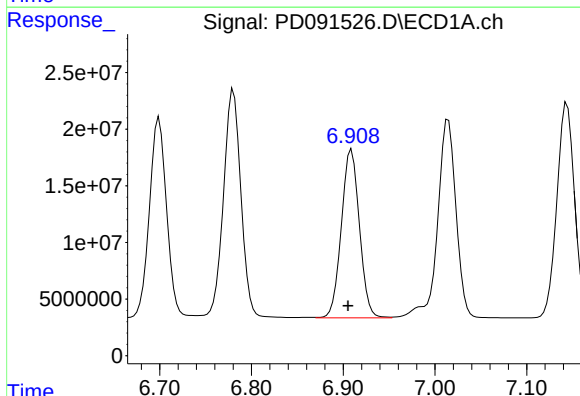
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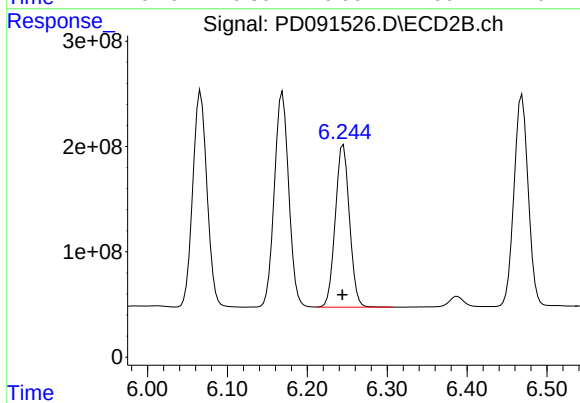
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: 0.001 min
Response: 2555081471
Conc: 53.91 ng/ml



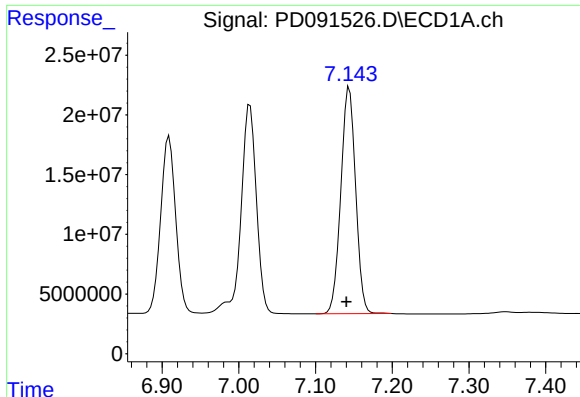
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.004 min
Response: 203295559
Conc: 48.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: 0.001 min
Response: 1900371825
Conc: 53.24 ng/ml



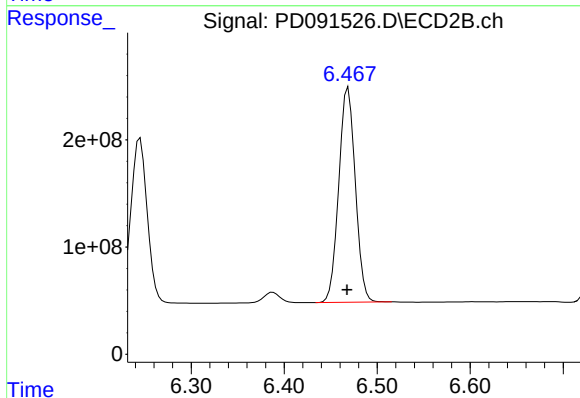
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.004 min
Response: 255003479
Conc: 48.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170776BS

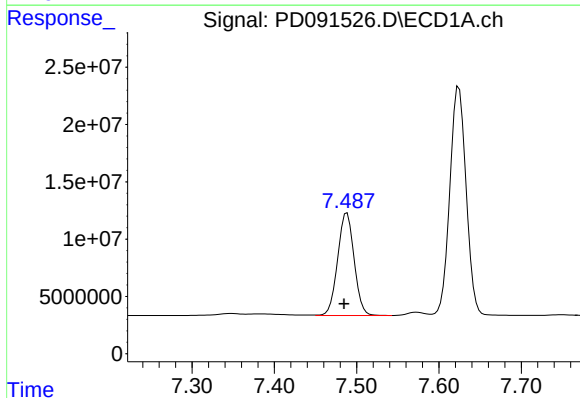
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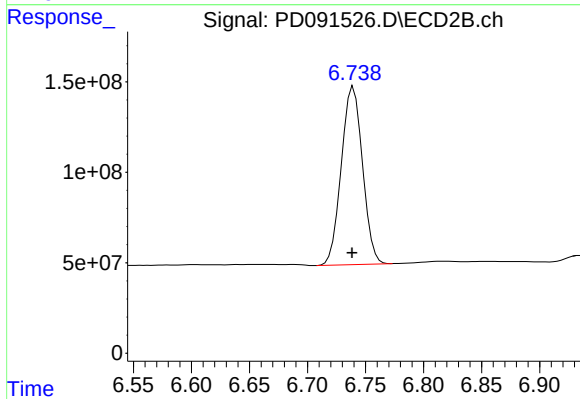
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: 0.001 min
Response: 2478145414
Conc: 53.76 ng/ml



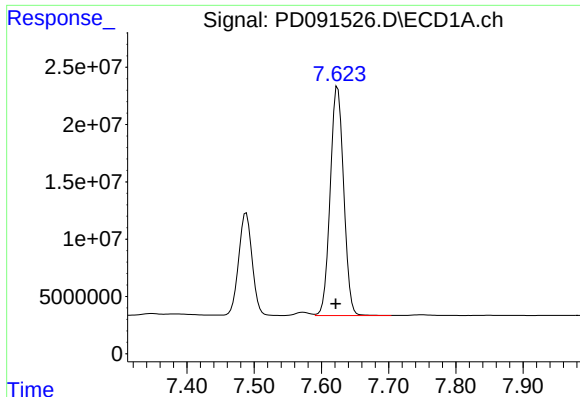
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.004 min
Response: 124868297
Conc: 46.45 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: 0.001 min
Response: 1251059273
Conc: 53.02 ng/ml



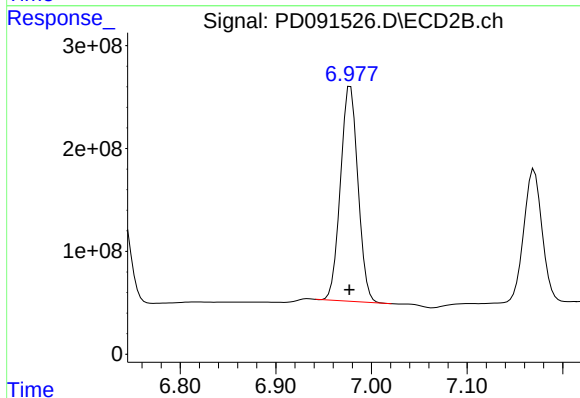
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.003 min
Response: 275889470
Conc: 48.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170776BS

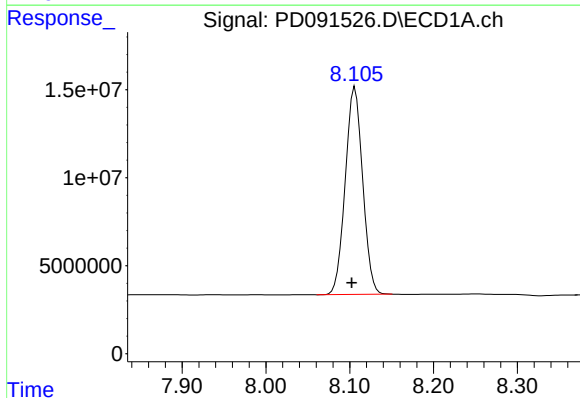
Manual Integrations
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Reviewed By :Yogesh Patel 12/10/2025
Supervised By :mohammad ahmed 12/10/2025



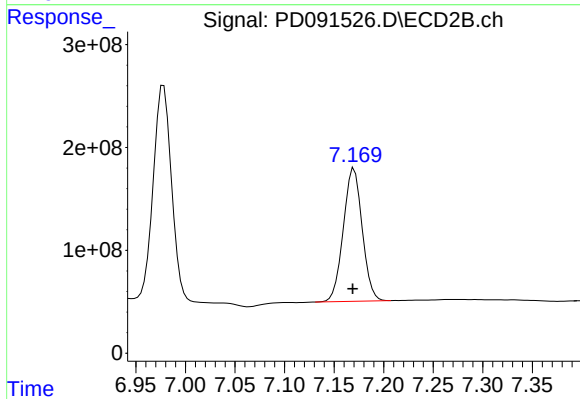
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 2661199042
Conc: 54.71 ng/ml



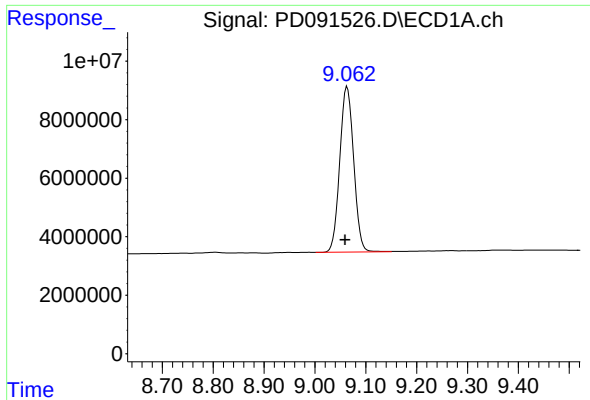
#22 Mirex

R.T.: 8.106 min
Delta R.T.: 0.004 min
Response: 170367174
Conc: 45.85 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: 0.001 min
Response: 1714812225
Conc: 52.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.004 min
Response: 107405732
Conc: 20.66 ng/ml

Instrument :

ECD_D

ClientSampleId :

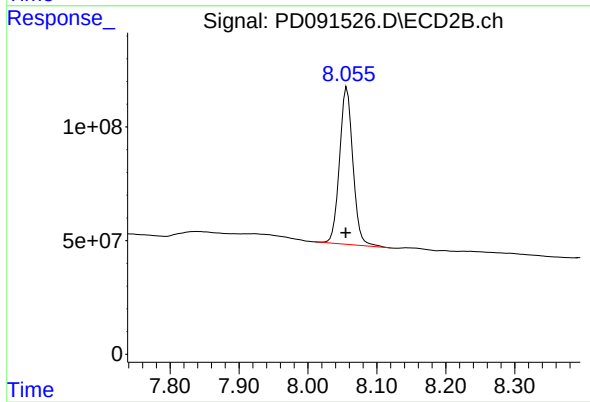
PB170776BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/10/2025

Supervised By :mohammad ahmed 12/10/2025



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: 0.002 min
Response: 930582454
Conc: 22.47 ng/ml