

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121525\
 Data File : PD091595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2025 20:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/16/2025
 Supervised By :Yogesh Patel 12/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 01:12:43 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	156.4E6	1909.0E6	45.036	48.448
28)	SA Decachlor...	9.056	8.053	217.2E6	2054.9E6	41.784m	49.623
Target Compounds							
2)	A alpha-BHC	3.988	3.381	374.6E6	3369.2E6	46.529	49.421
3)	MA gamma-BHC...	4.319	3.717	349.9E6	3081.3E6	46.554	54.800
4)	MA Heptachlor	4.917	4.068	333.8E6	3011.3E6	47.024	51.667
5)	MB Aldrin	5.258	4.354	337.3E6	3026.9E6	48.475	52.201
6)	B beta-BHC	4.507	4.013	132.4E6	1256.5E6	45.855	52.442
7)	B delta-BHC	4.755	4.249	352.4E6	3114.8E6	58.900	52.012
8)	B Heptachlo...	5.678	4.857	299.3E6	2698.3E6	48.340	53.329
9)	A Endosulfan I	6.062	5.231	282.8E6	2491.7E6	46.282	50.863
10)	B gamma-Chl...	5.934	5.108	302.8E6	2959.8E6	47.488	53.023m
11)	B alpha-Chl...	6.014	5.174	303.4E6	2825.9E6	45.173	52.771
12)	B 4,4'-DDE	6.184	5.357	266.3E6	2847.4E6	45.832	51.953m
13)	MA Dieldrin	6.334	5.496	299.6E6	2910.2E6	46.050	52.470
14)	MA Endrin	6.562	5.773	251.2E6	2612.0E6	44.783	49.963
15)	B Endosulfa...	6.774	6.065	256.0E6	2438.6E6	42.094	51.759
16)	A 4,4'-DDD	6.694	5.914	213.6E6	2368.3E6	46.407	52.066
17)	MA 4,4'-DDT	7.009	6.167	217.4E6	2415.1E6	42.168	50.954
18)	B Endrin al...	6.903	6.243	187.2E6	1821.2E6	44.811	51.027
19)	B Endosulfa...	7.138	6.467	233.5E6	2369.3E6	44.225	51.401
20)	A Methoxychlor	7.482	6.737	110.6E6	1177.2E6	41.158	49.884
21)	B Endrin ke...	7.619	6.976	249.3E6	2522.5E6	44.245	51.858
22)	Mirex	8.100	7.168	161.1E6	1711.2E6	43.350	52.209

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121525\
Data File : PD091595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2025 20:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

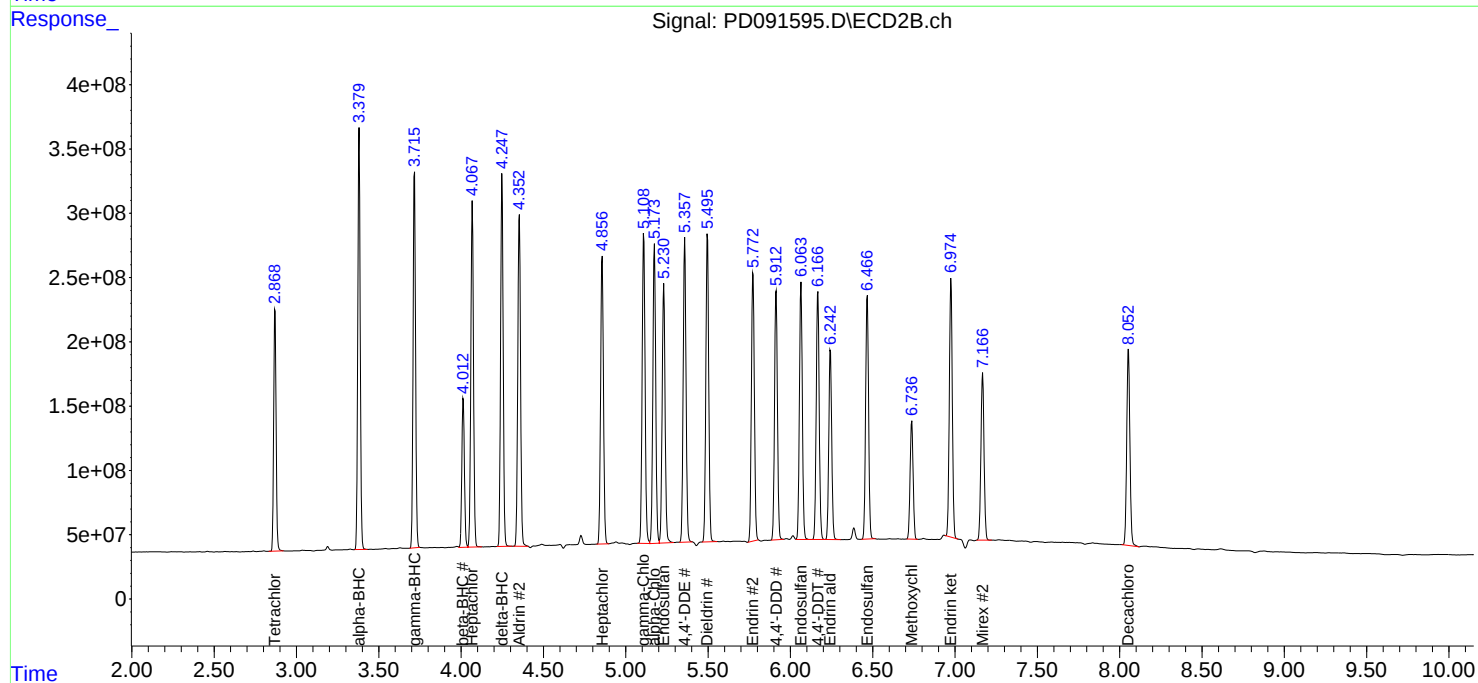
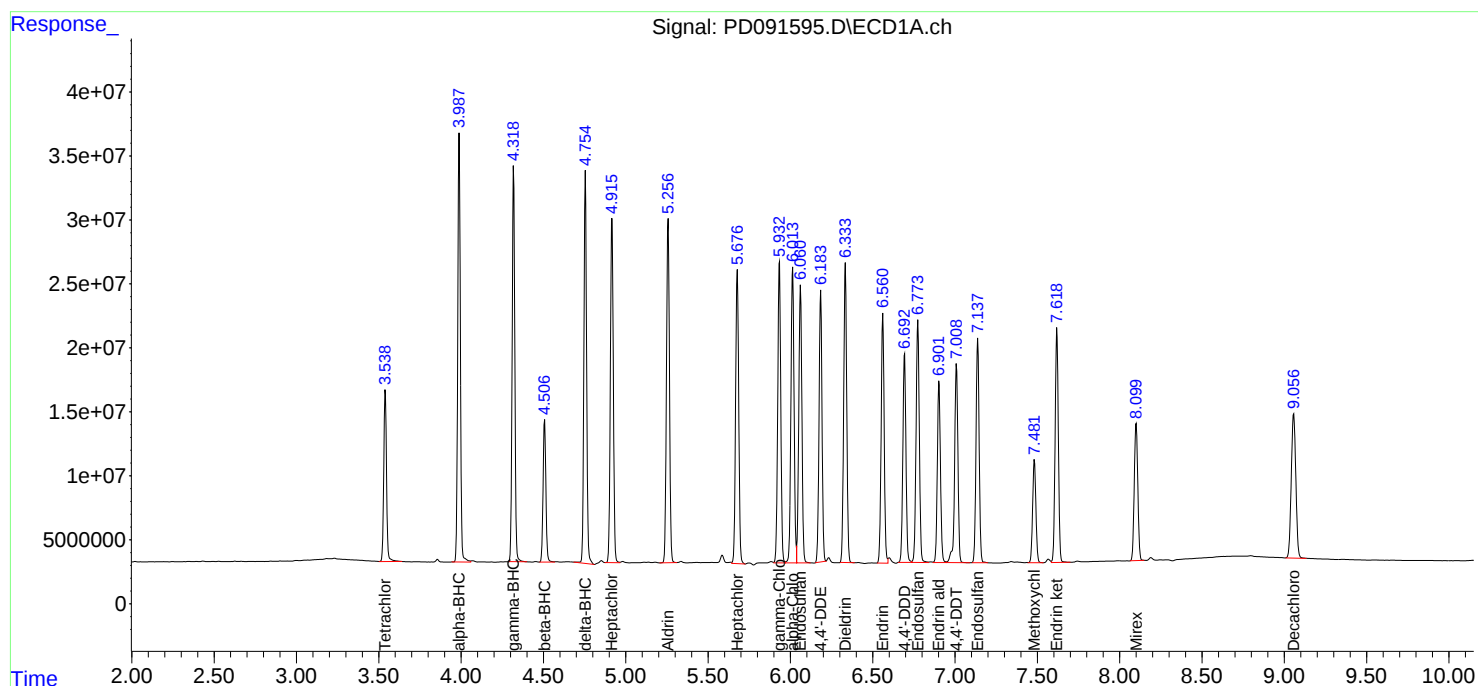
Manual Integrations

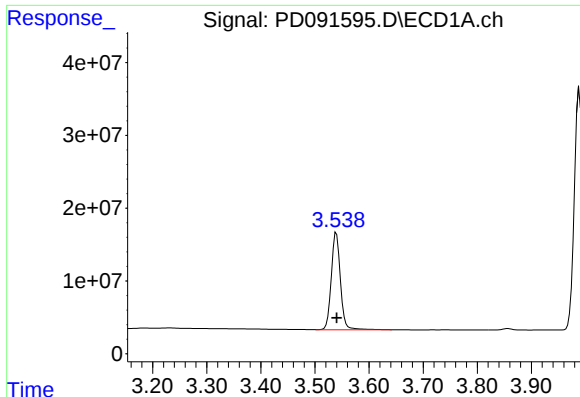
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 01:12:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 2025
Response 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





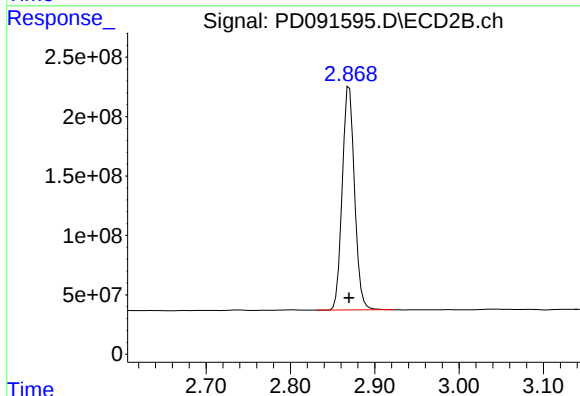
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 156424765
Conc: 45.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

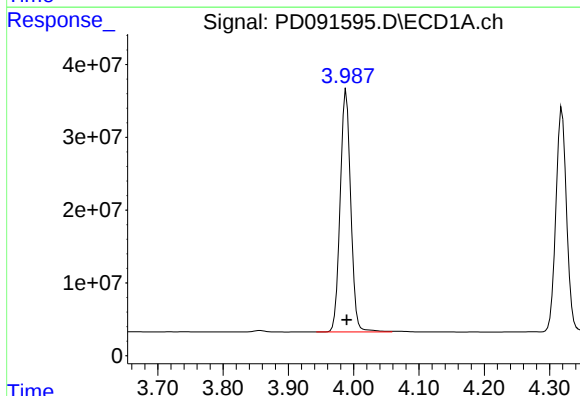
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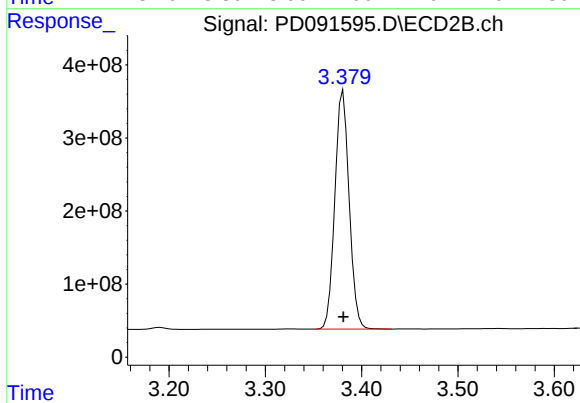
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 1908989354
Conc: 48.45 ng/ml



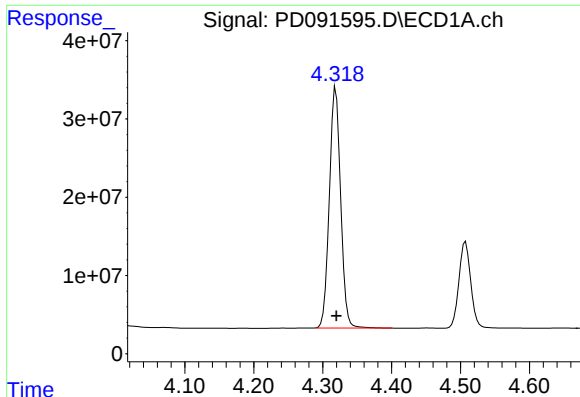
#2 alpha-BHC

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 374604207
Conc: 46.53 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 3369221681
Conc: 49.42 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.319 min
Delta R.T.: -0.001 min
Response: 349887224
Conc: 46.55 ng/ml

Instrument :

ECD_D

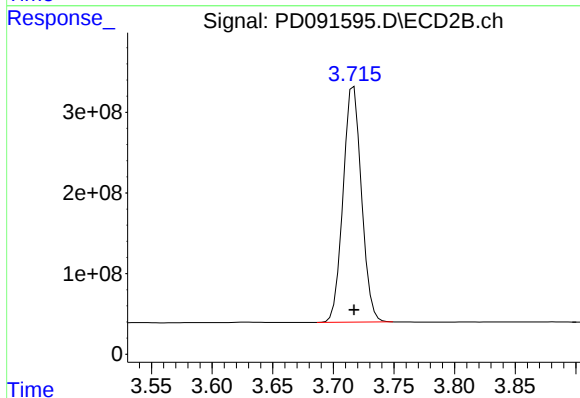
ClientSampleId :

PSTDCCC050

Manual Integrations

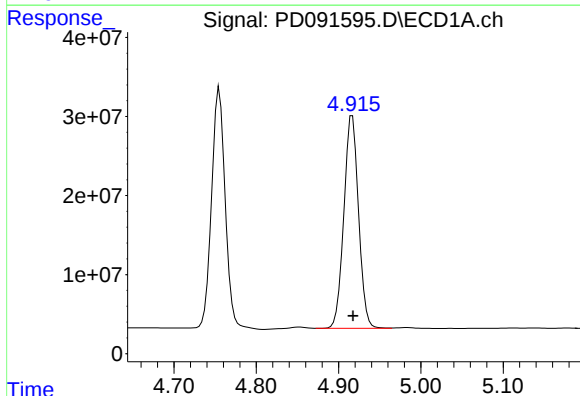
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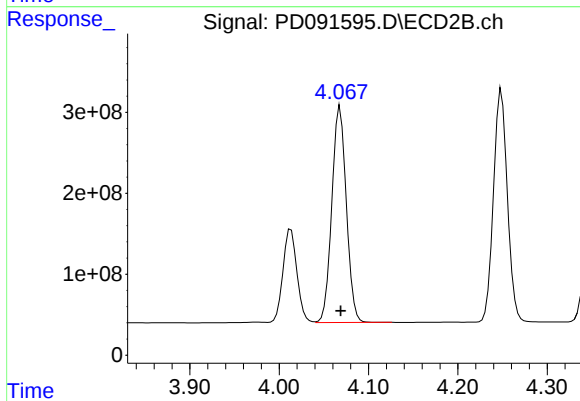
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 3081349367
Conc: 54.80 ng/ml



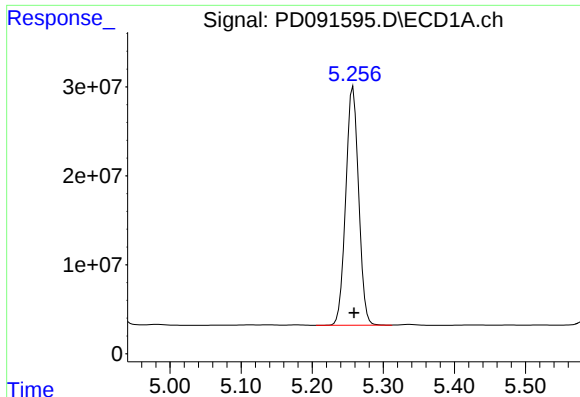
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 333820225
Conc: 47.02 ng/ml



#4 Heptachlor

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 3011342674
Conc: 51.67 ng/ml



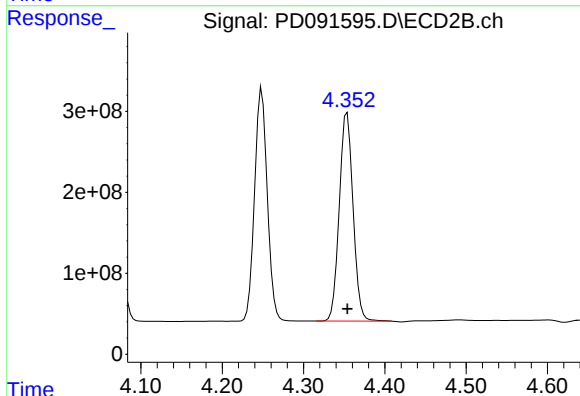
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 337278834
Conc: 48.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

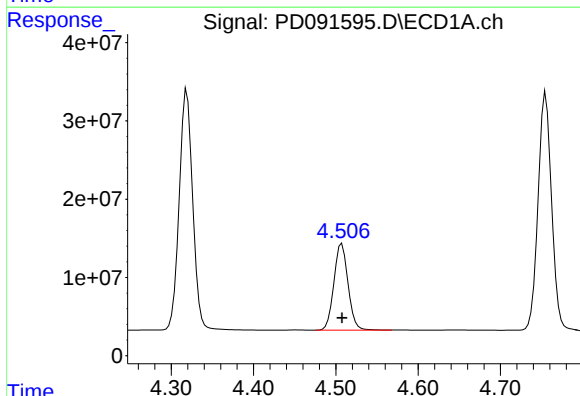
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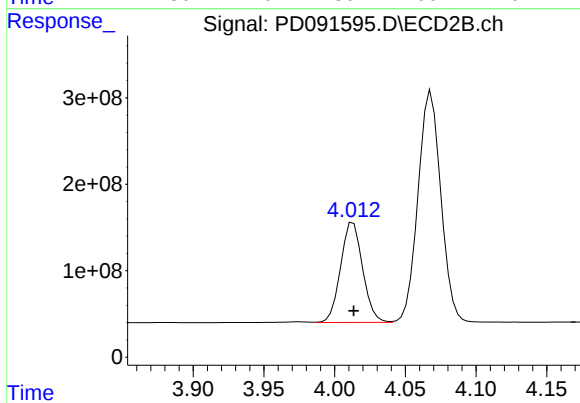
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 3026918036
Conc: 52.20 ng/ml



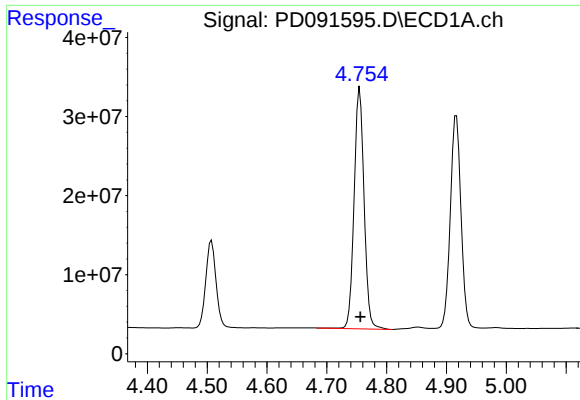
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 132385261
Conc: 45.85 ng/ml



#6 beta-BHC

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 1256462227
Conc: 52.44 ng/ml



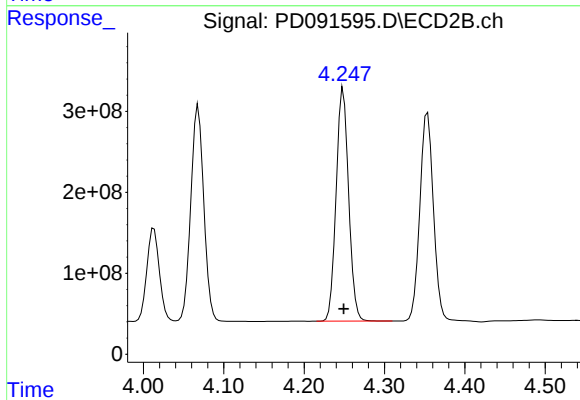
#7 delta-BHC

R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 352353612
Conc: 58.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

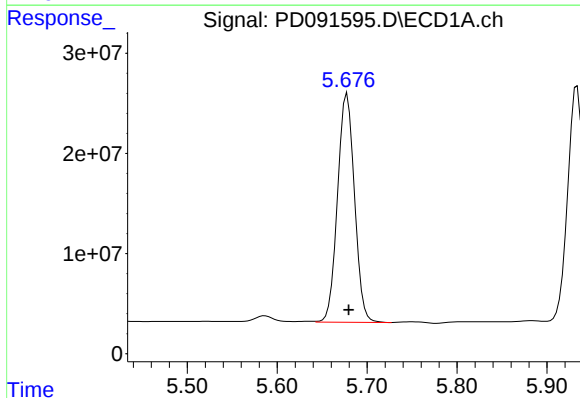
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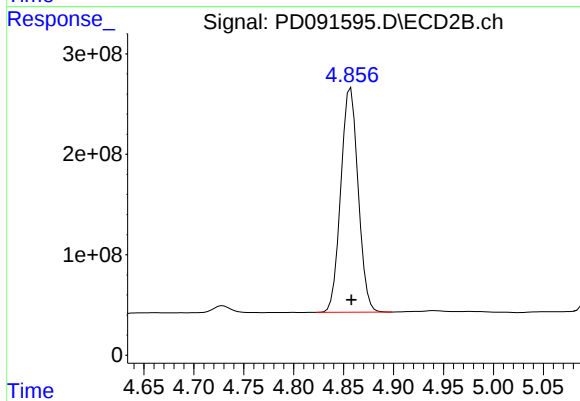
#7 delta-BHC

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 3114841336
Conc: 52.01 ng/ml



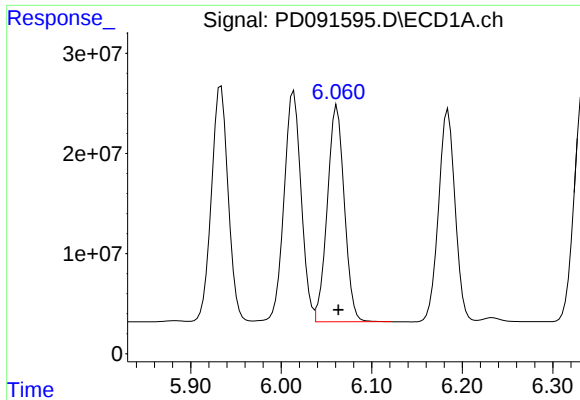
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 299339110
Conc: 48.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 2698290560
Conc: 53.33 ng/ml



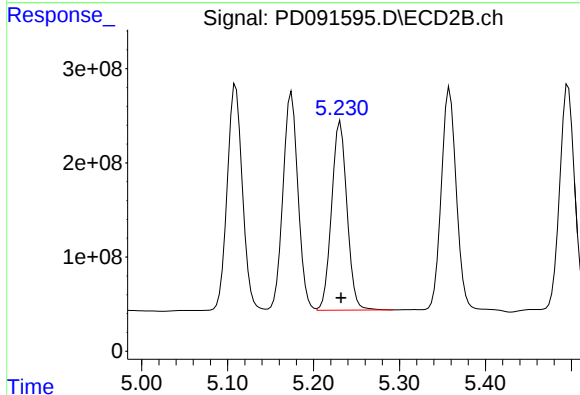
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 282774956
Conc: 46.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

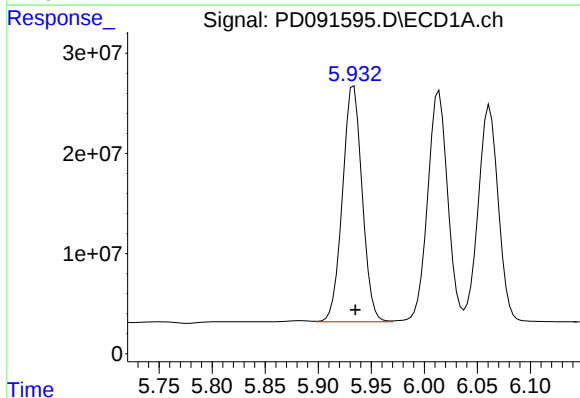
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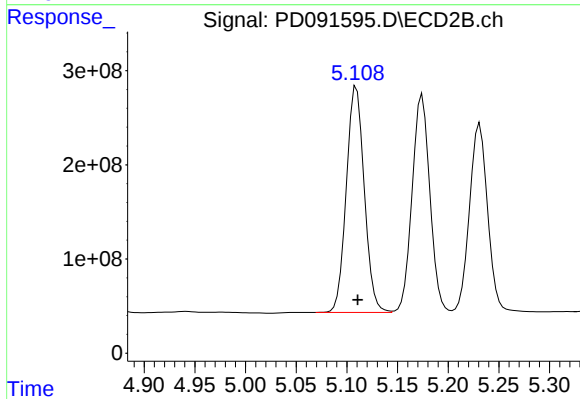
#9 Endosulfan I

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 2491733613
Conc: 50.86 ng/ml



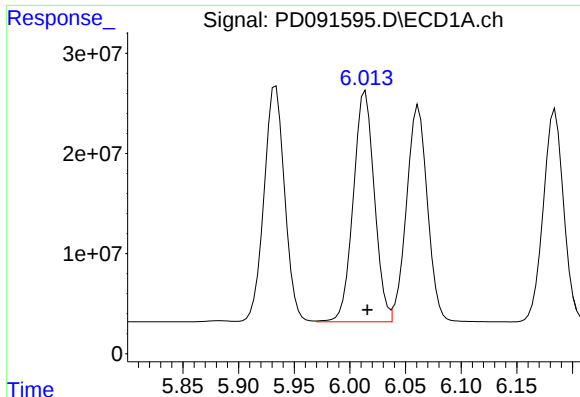
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.002 min
Response: 302833639
Conc: 47.49 ng/ml



#10 gamma-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.003 min
Response: 2959770077
Conc: 53.02 ng/ml m



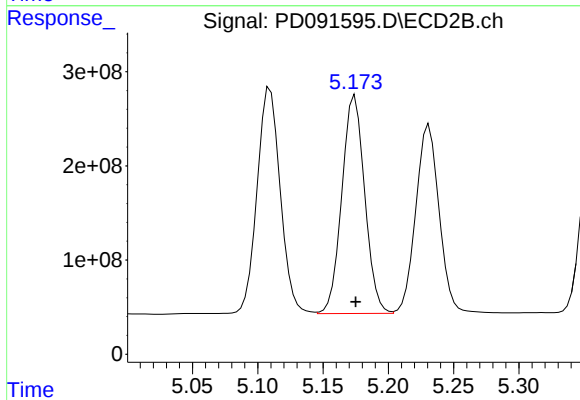
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.002 min
Response: 303390063
Conc: 45.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

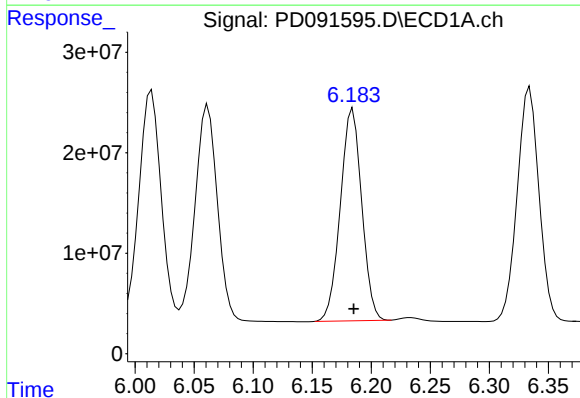
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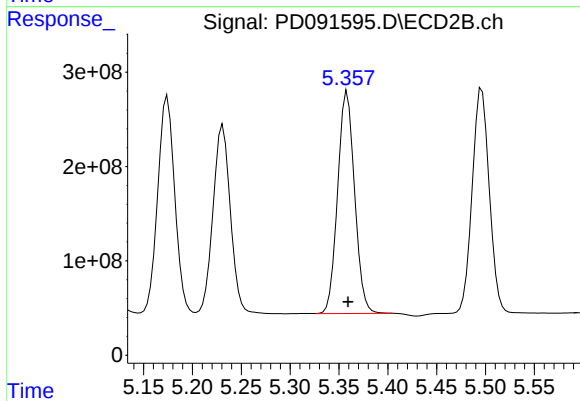
#11 alpha-Chlordane

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 2825916931
Conc: 52.77 ng/ml



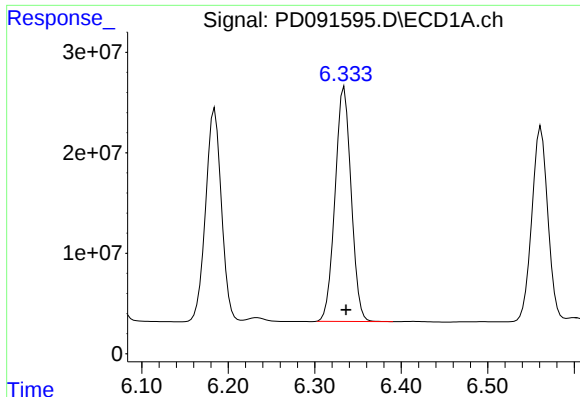
#12 4,4'-DDE

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 266253225
Conc: 45.83 ng/ml



#12 4,4'-DDE

R.T.: 5.357 min
Delta R.T.: -0.002 min
Response: 2847429413
Conc: 51.95 ng/ml m



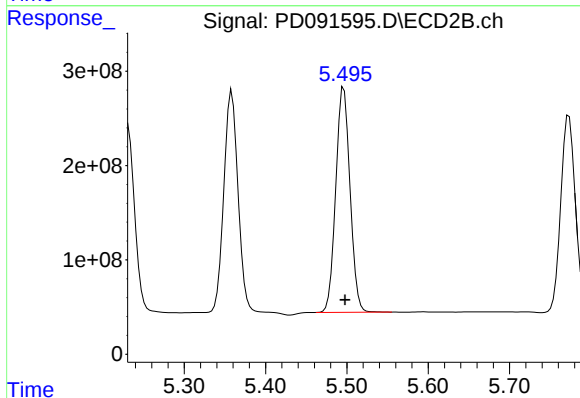
#13 Dieldrin

R.T.: 6.334 min
Delta R.T.: -0.002 min
Response: 299634163
Conc: 46.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

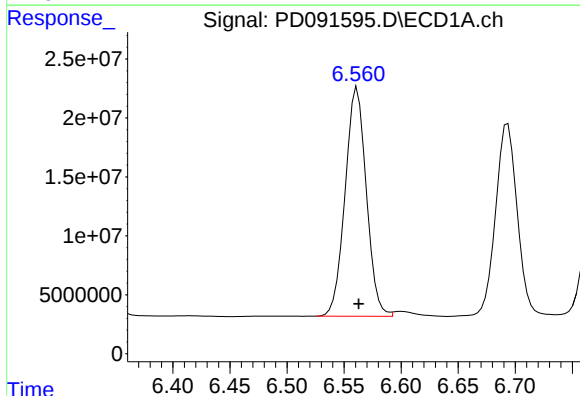
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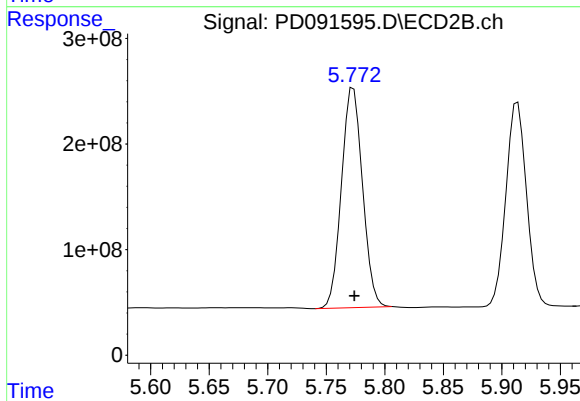
#13 Dieldrin

R.T.: 5.496 min
Delta R.T.: -0.001 min
Response: 2910212425
Conc: 52.47 ng/ml



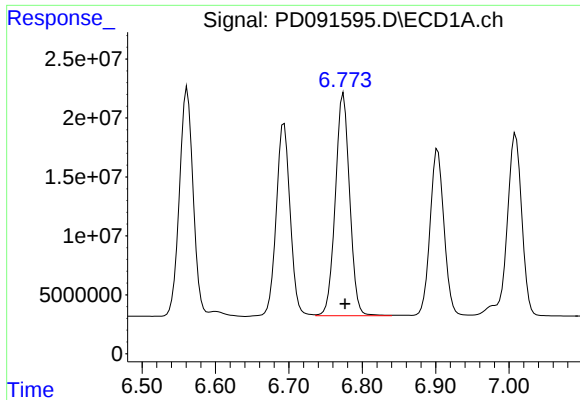
#14 Endrin

R.T.: 6.562 min
Delta R.T.: -0.001 min
Response: 251150159
Conc: 44.78 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 2611958453
Conc: 49.96 ng/ml



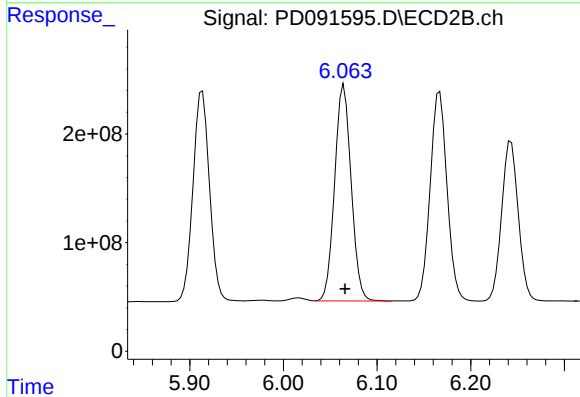
#15 Endosulfan II

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 255965119
Conc: 42.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

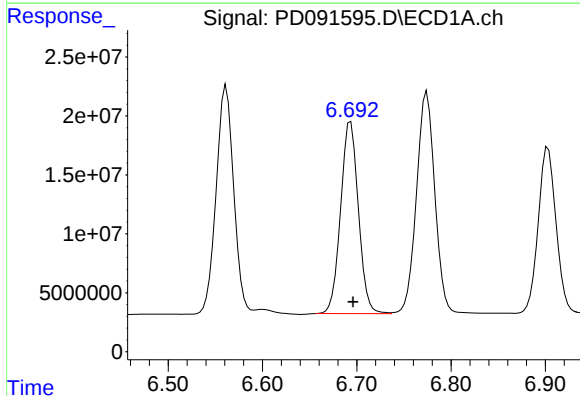
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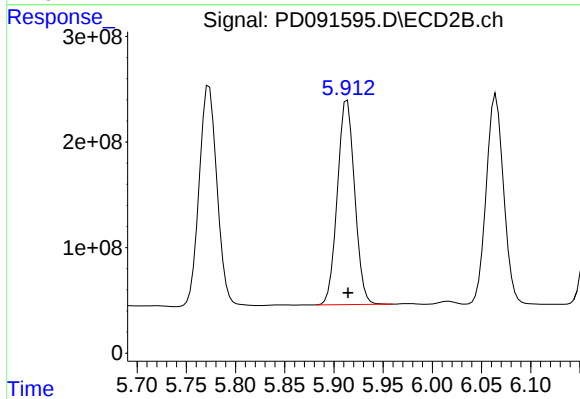
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: -0.001 min
Response: 2438594357
Conc: 51.76 ng/ml



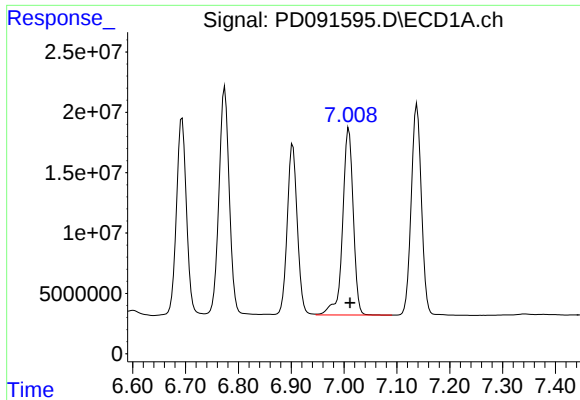
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: -0.002 min
Response: 213604809
Conc: 46.41 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2368332680
Conc: 52.07 ng/ml



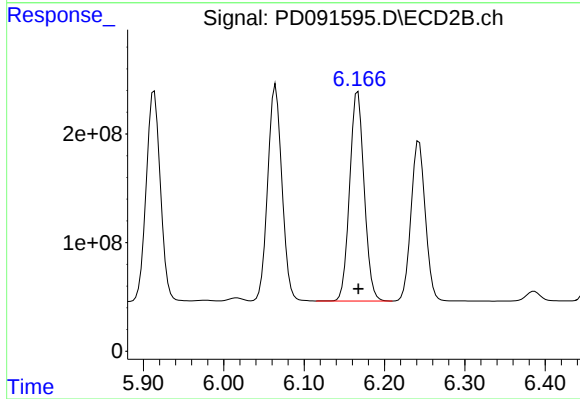
#17 4,4'-DDT

R.T.: 7.009 min
Delta R.T.: -0.003 min
Response: 217439048
Conc: 42.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

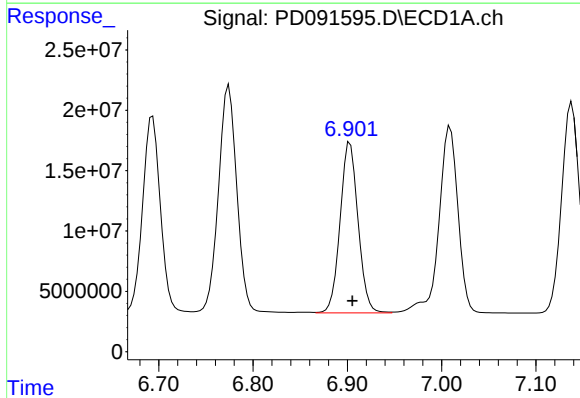
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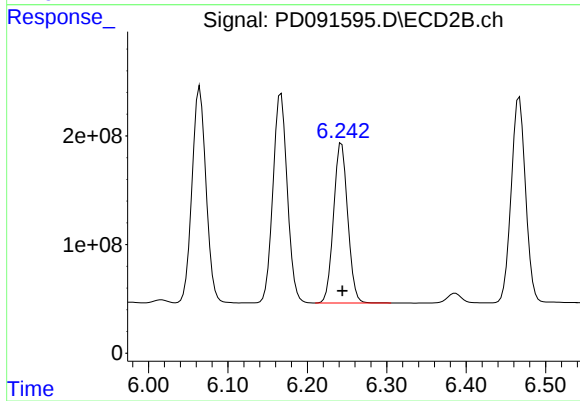
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 2415132475
Conc: 50.95 ng/ml



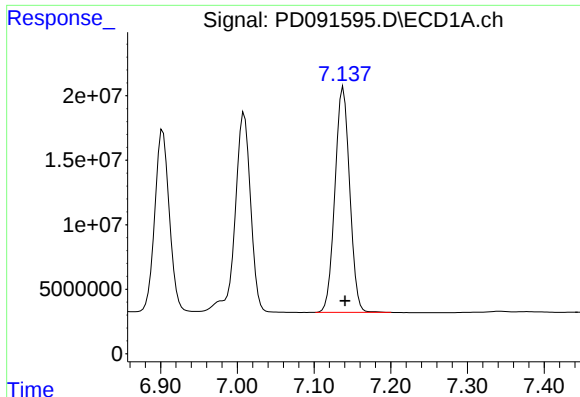
#18 Endrin aldehyde

R.T.: 6.903 min
Delta R.T.: -0.003 min
Response: 187190846
Conc: 44.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 1821220120
Conc: 51.03 ng/ml



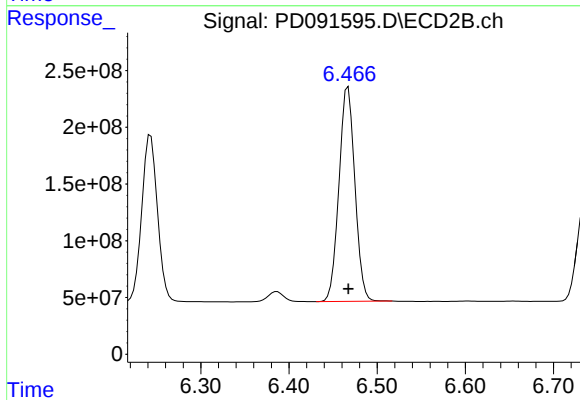
#19 Endosulfan Sulfate

R.T.: 7.138 min
Delta R.T.: -0.002 min
Response: 233474951
Conc: 44.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

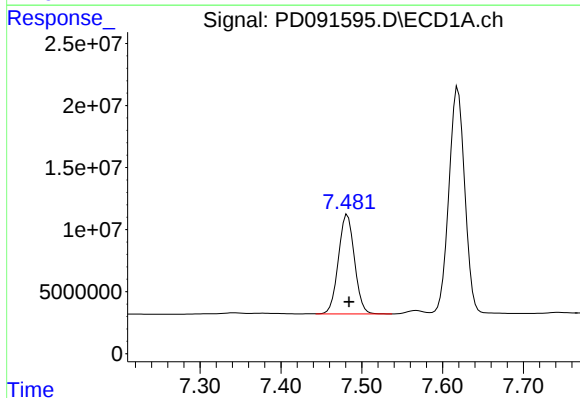
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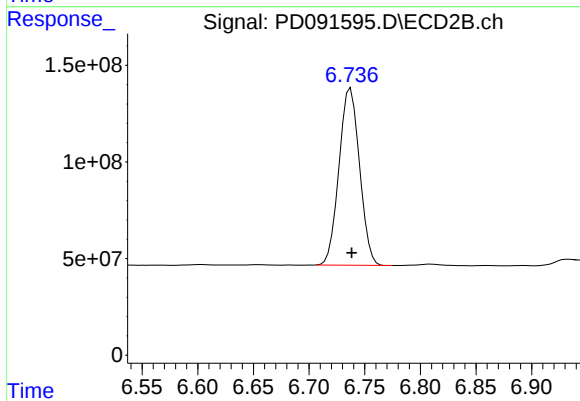
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2369268471
Conc: 51.40 ng/ml



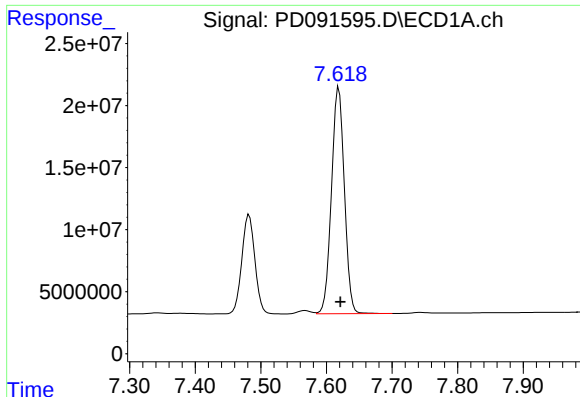
#20 Methoxychlor

R.T.: 7.482 min
Delta R.T.: -0.002 min
Response: 110632667
Conc: 41.16 ng/ml



#20 Methoxychlor

R.T.: 6.737 min
Delta R.T.: -0.001 min
Response: 1177169634
Conc: 49.88 ng/ml



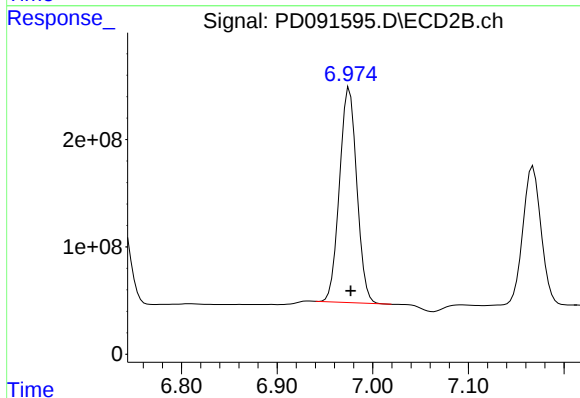
#21 Endrin ketone

R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 249269739
Conc: 44.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

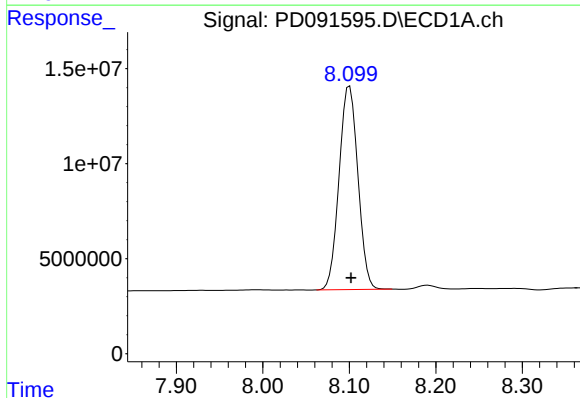
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/16/2025
Supervised By :Yogesh Patel 12/16/2025



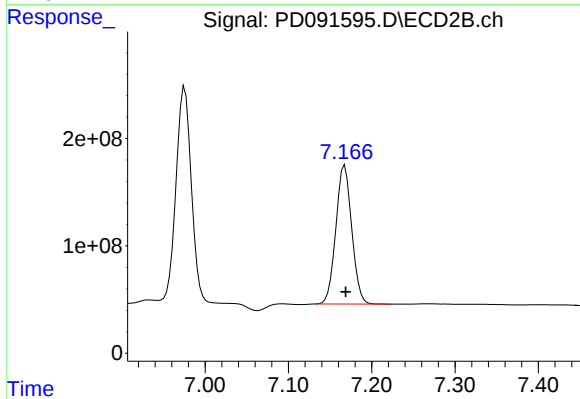
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.001 min
Response: 2522514120
Conc: 51.86 ng/ml



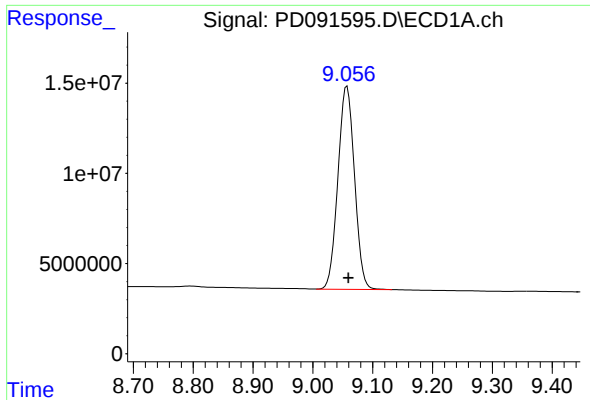
#22 Mirex

R.T.: 8.100 min
Delta R.T.: -0.002 min
Response: 161067442
Conc: 43.35 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.001 min
Response: 1711164231
Conc: 52.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: -0.004 min
Response: 217191774
Conc: 41.78 ng/ml

Instrument :

ECD_D

ClientSampleId :

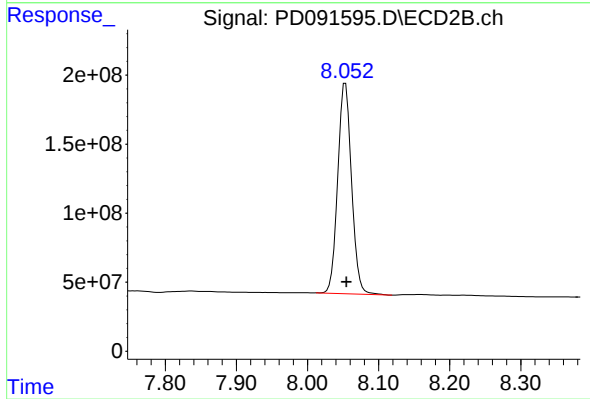
PSTDCCC050

Manual Integrations

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Supervised By :Yogesh Patel 12/16/2025



#28 Decachlorobiphenyl

R.T.: 8.053 min
Delta R.T.: -0.001 min
Response: 2054919444
Conc: 49.62 ng/ml