

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
 Data File : PD091501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2025 01:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/09/2025
 Supervised By : Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 04:39:14 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	166.5E6	1979.7E6	47.931	50.243
28)	SA Decachlor...	9.058	8.054	248.7E6	2240.1E6	47.851	54.094
Target Compounds							
2)	A alpha-BHC	3.989	3.381	401.7E6	3473.6E6	49.900	50.953
3)	MA gamma-BHC...	4.319	3.717	375.7E6	3163.6E6	49.994	56.263
4)	MA Heptachlor	4.917	4.068	366.0E6	3105.3E6	51.563	53.279
5)	MB Aldrin	5.258	4.354	357.0E6	3108.3E6	51.310	53.605
6)	B beta-BHC	4.507	4.013	140.6E6	1282.7E6	48.700	53.537
7)	B delta-BHC	4.755	4.249	358.3E6	3203.9E6	59.892	53.500
8)	B Heptachlo...	5.678	4.857	321.4E6	2744.1E6	51.903	54.233
9)	A Endosulfan I	6.062	5.231	303.5E6	2547.2E6	49.673	51.995
10)	B gamma-Chl...	5.934	5.110	321.7E6	3060.0E6	50.442	54.818
11)	B alpha-Chl...	6.015	5.174	326.7E6	2903.3E6	48.639	54.216
12)	B 4,4'-DDE	6.184	5.358	291.5E6	2944.1E6	50.186	53.718m
13)	MA Dieldrin	6.335	5.497	326.2E6	2978.0E6	50.132	53.692
14)	MA Endrin	6.562	5.773	281.6E6	2751.9E6	50.221	52.639
15)	B Endosulfa...	6.775	6.065	273.3E6	2537.9E6	44.949	53.866
16)	A 4,4'-DDD	6.694	5.913	233.2E6	2447.9E6	50.670	53.816
17)	MA 4,4'-DDT	7.010	6.167	254.9E6	2610.9E6	49.431	55.084
18)	B Endrin al...	6.904	6.244	204.7E6	1892.0E6	48.999	53.010
19)	B Endosulfa...	7.139	6.467	258.3E6	2487.8E6	48.937	53.973
20)	A Methoxychlor	7.483	6.737	130.5E6	1281.5E6	48.531	54.304
21)	B Endrin ke...	7.619	6.976	275.7E6	2651.8E6	48.934	54.516
22)	Mirex	8.101	7.168	180.1E6	1815.8E6	48.479	55.401

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
Data File : PD091501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2025 01:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

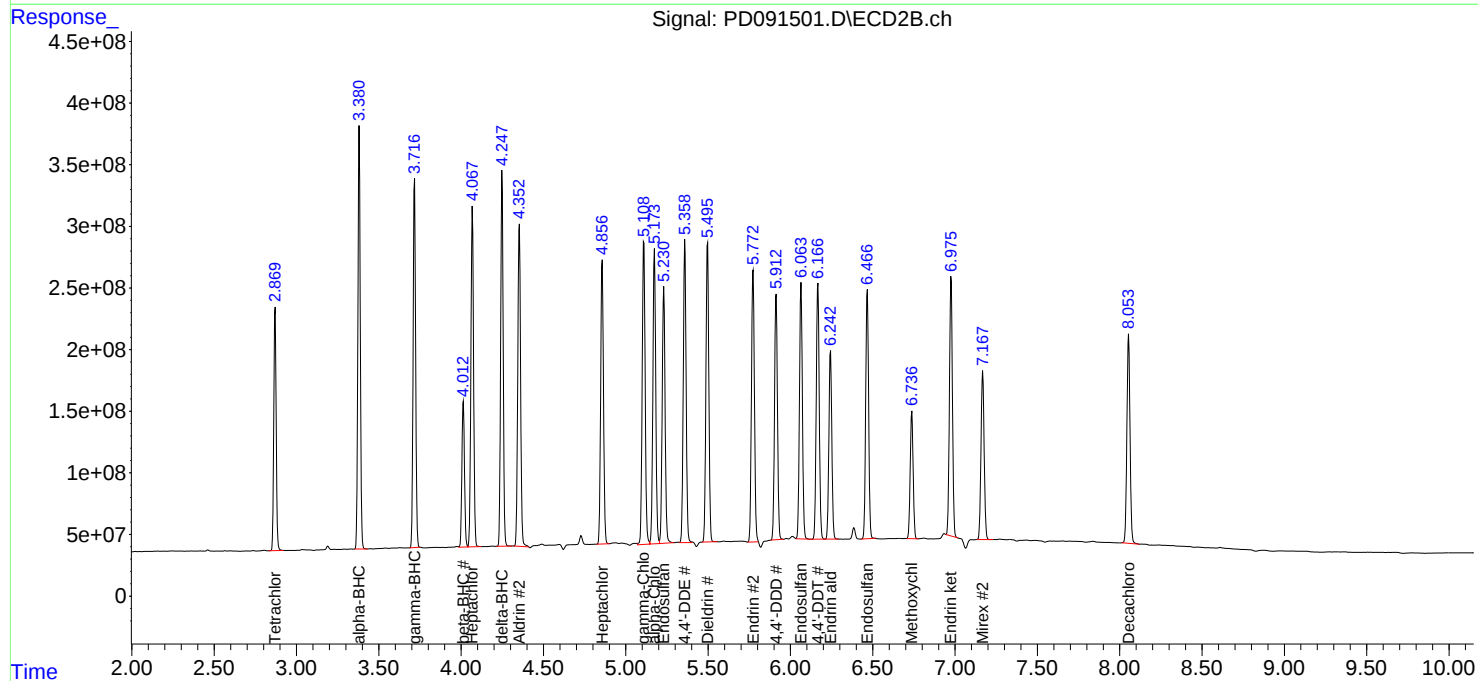
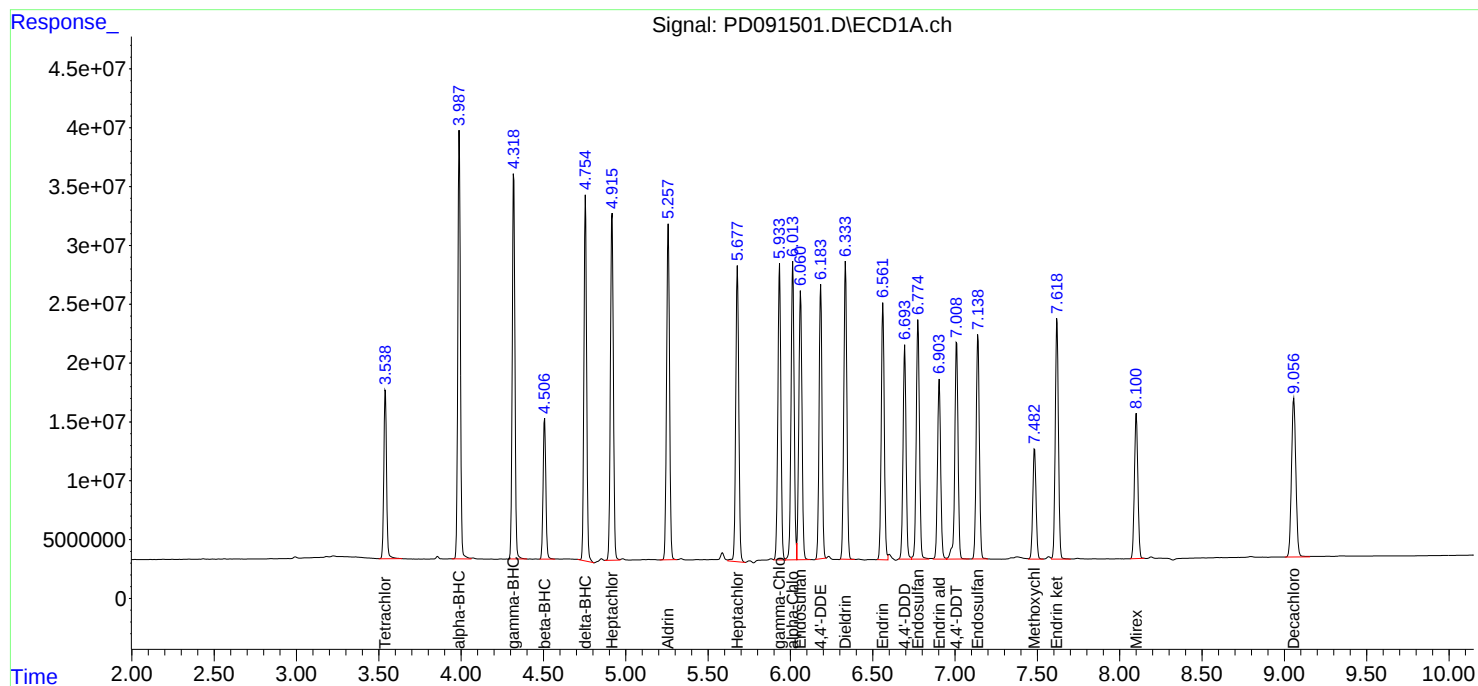
Manual Integrations

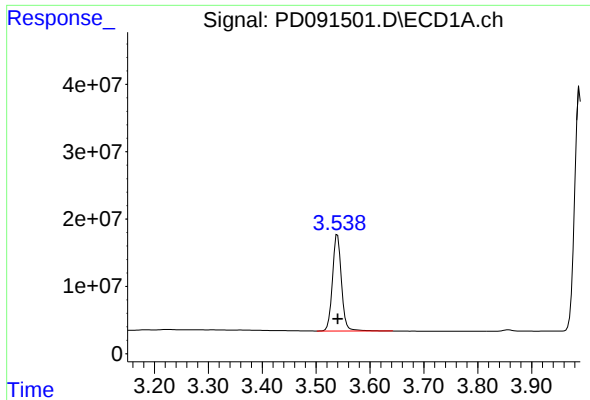
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Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 04:39:14 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





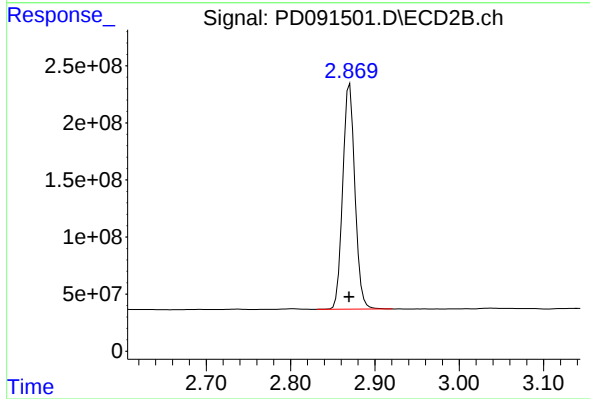
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 166479126
Conc: 47.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

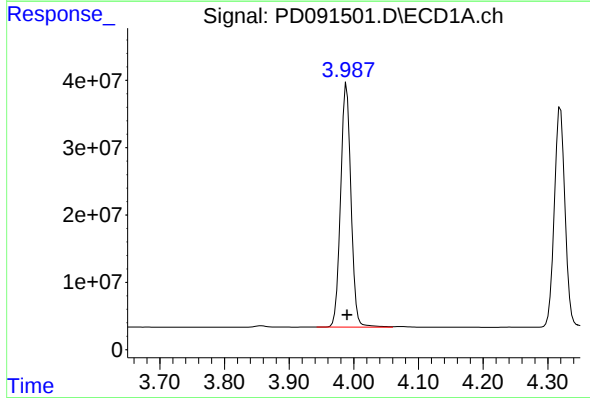
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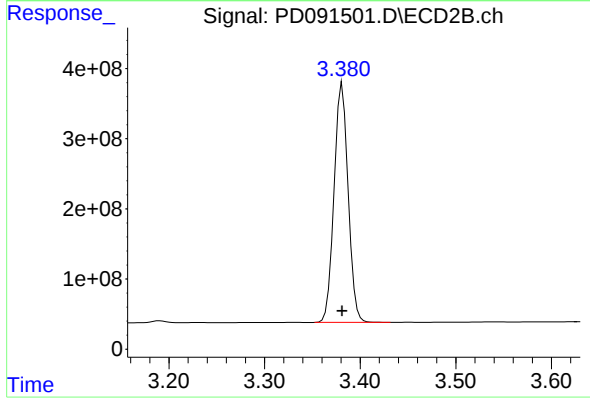
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 1979723772
Conc: 50.24 ng/ml



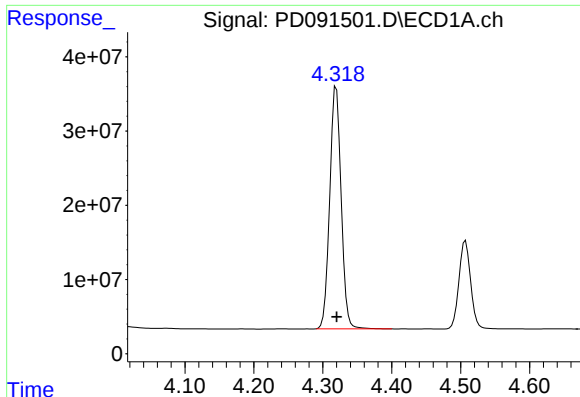
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 401736932
Conc: 49.90 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 3473641859
Conc: 50.95 ng/ml



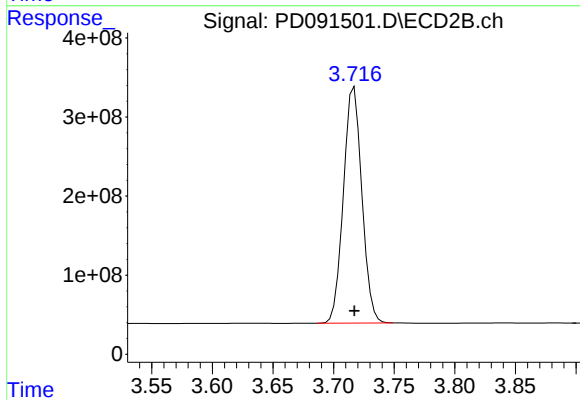
#3 gamma-BHC (Lindane)

R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 375740374
Conc: 49.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

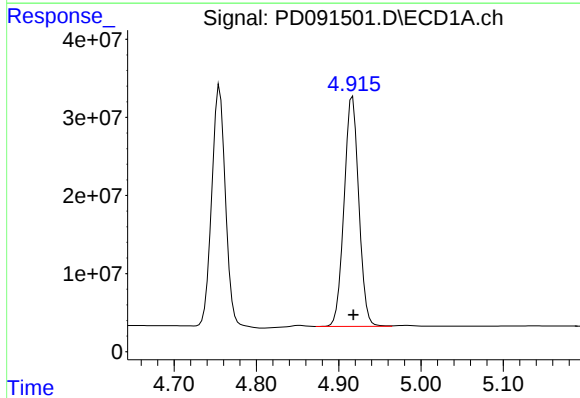
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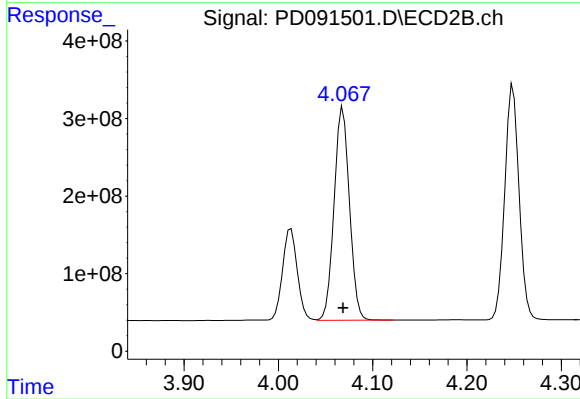
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 3163636939
Conc: 56.26 ng/ml



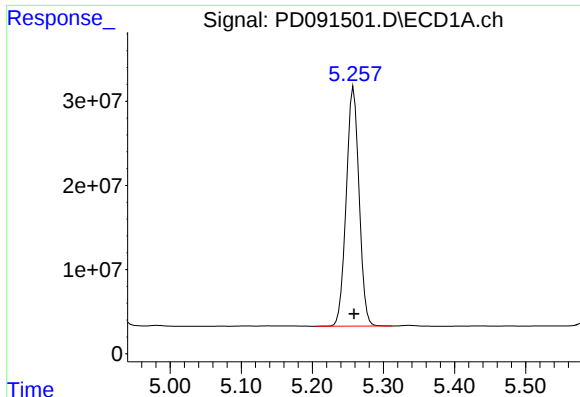
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 366043066
Conc: 51.56 ng/ml



#4 Heptachlor

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 3105287845
Conc: 53.28 ng/ml



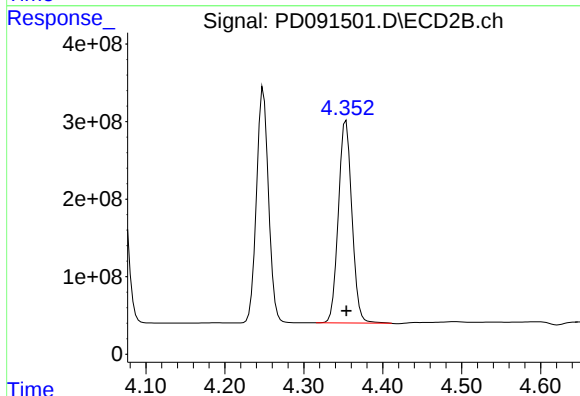
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 357006311
Conc: 51.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

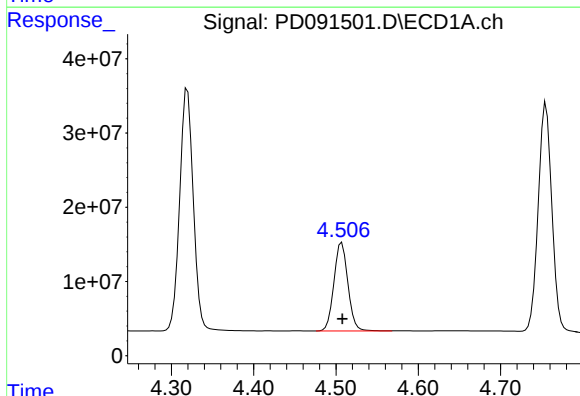
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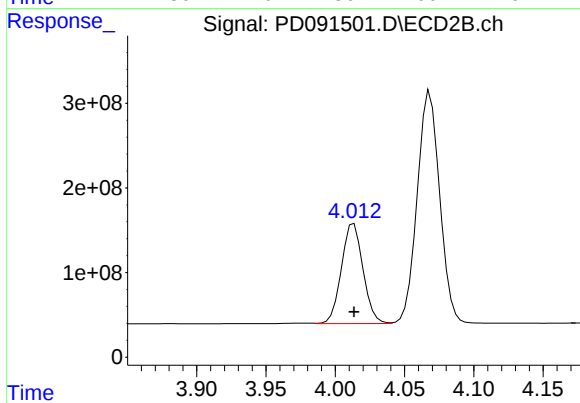
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 3108323899
Conc: 53.60 ng/ml



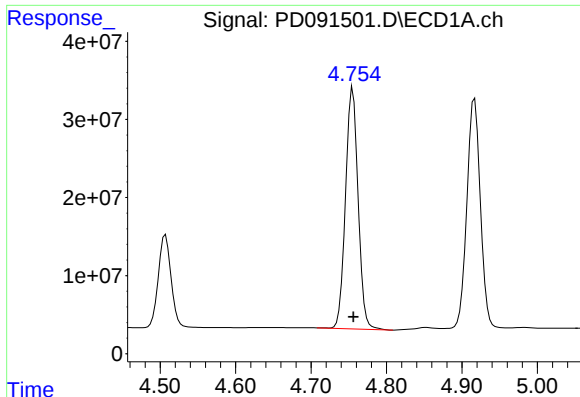
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 140601377
Conc: 48.70 ng/ml



#6 beta-BHC

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 1282703238
Conc: 53.54 ng/ml



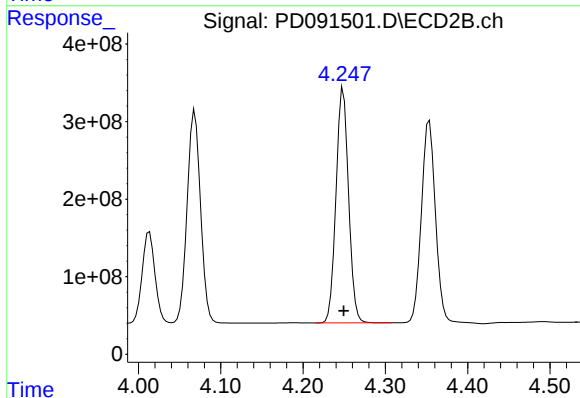
#7 delta-BHC

R.T.: 4.755 min
Delta R.T.: 0.000 min
Response: 358291679
Conc: 59.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

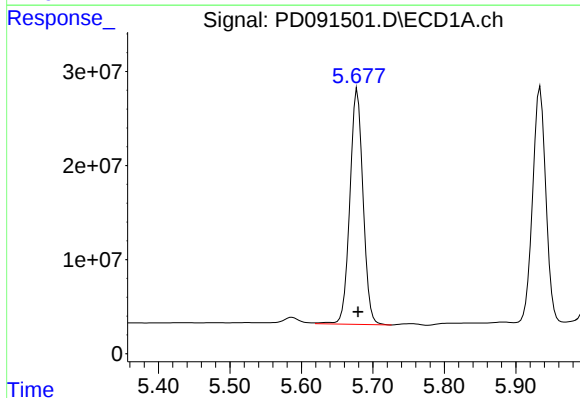
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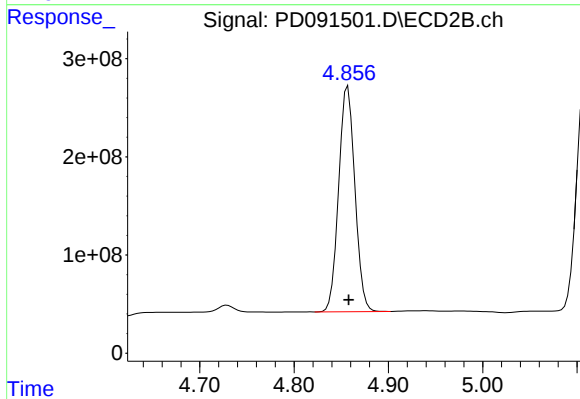
#7 delta-BHC

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 3203919710
Conc: 53.50 ng/ml



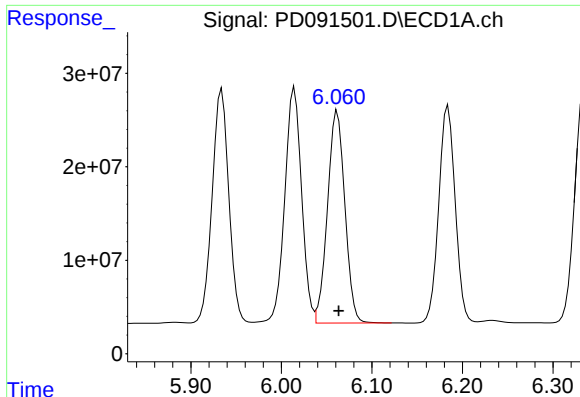
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: 0.000 min
Response: 321401379
Conc: 51.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 2744051079
Conc: 54.23 ng/ml



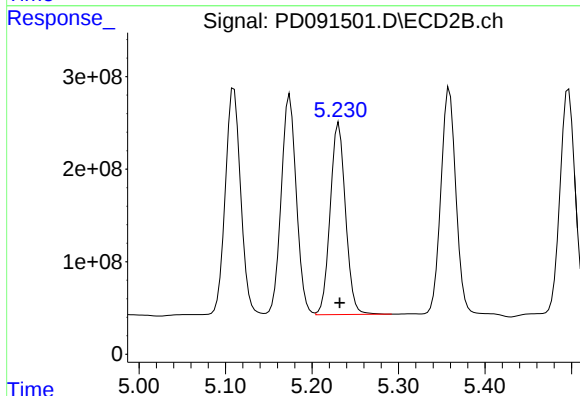
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 303490335
Conc: 49.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

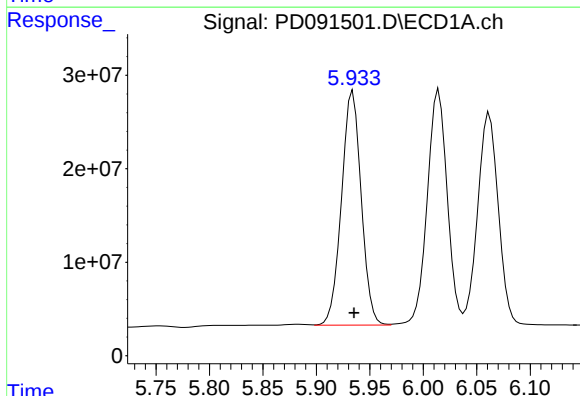
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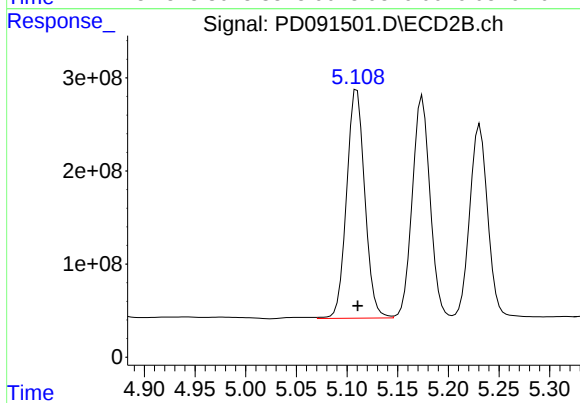
#9 Endosulfan I

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 2547183287
Conc: 52.00 ng/ml



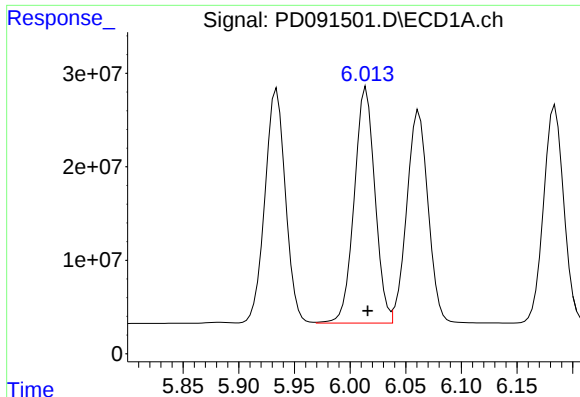
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 321669219
Conc: 50.44 ng/ml



#10 gamma-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.001 min
Response: 3060001939
Conc: 54.82 ng/ml



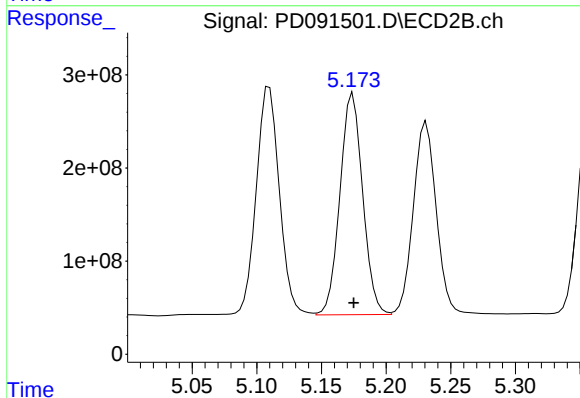
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.001 min
Response: 326669800
Conc: 48.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

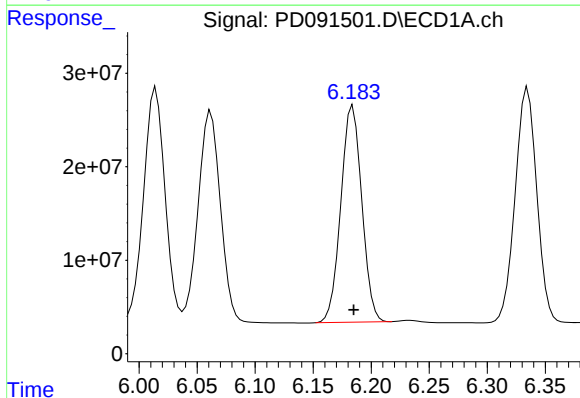
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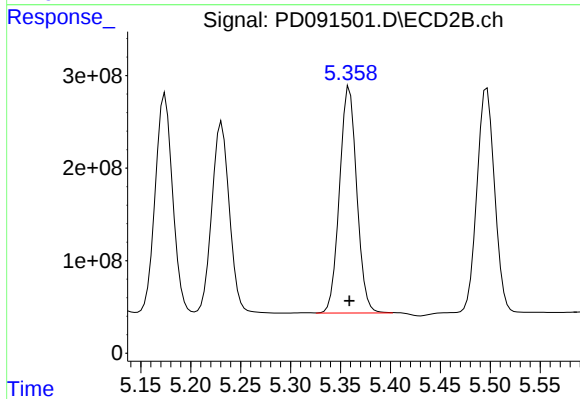
#11 alpha-Chlordane

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 2903318320
Conc: 54.22 ng/ml



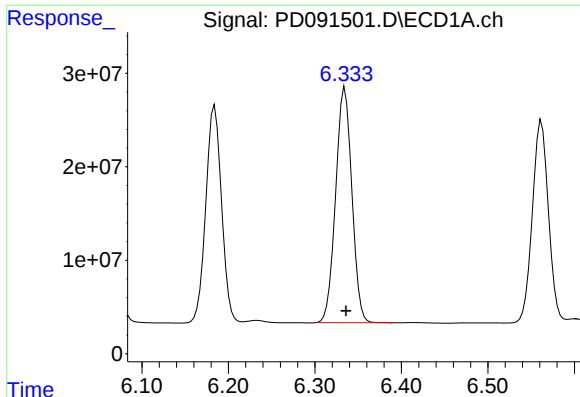
#12 4,4'-DDE

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 291549768
Conc: 50.19 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.002 min
Response: 2944148403
Conc: 53.72 ng/ml m



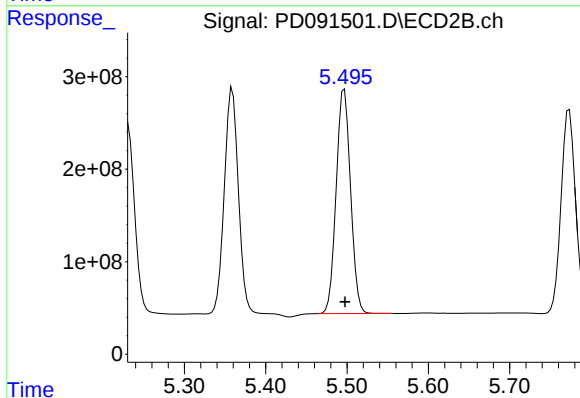
#13 Dieldrin

R.T.: 6.335 min
Delta R.T.: -0.001 min
Response: 326200420
Conc: 50.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

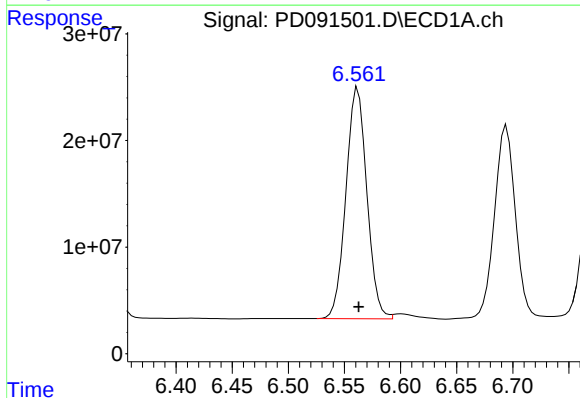
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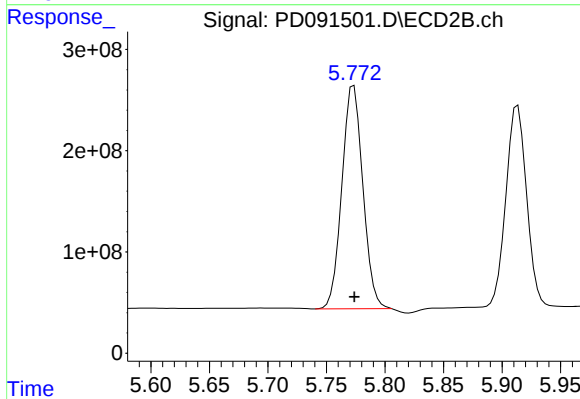
#13 Dieldrin

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 2977980524
Conc: 53.69 ng/ml



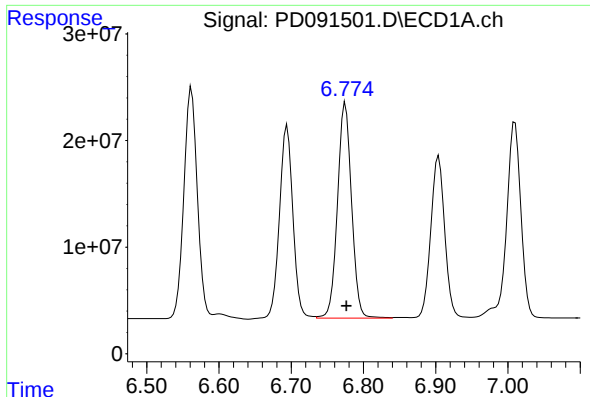
#14 Endrin

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 281647077
Conc: 50.22 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 2751858167
Conc: 52.64 ng/ml



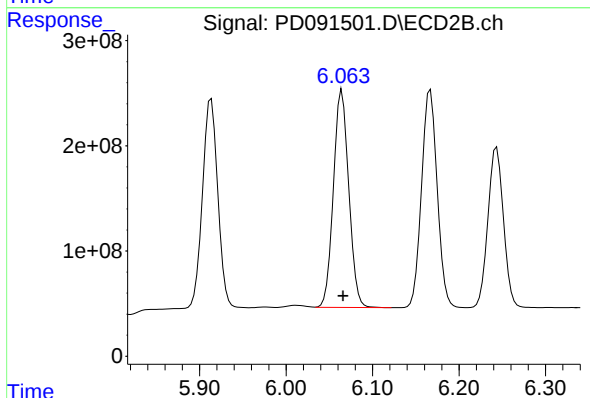
#15 Endosulfan II

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 273326427
Conc: 44.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

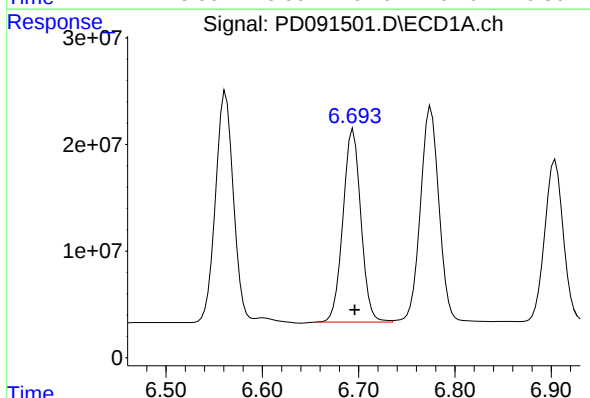
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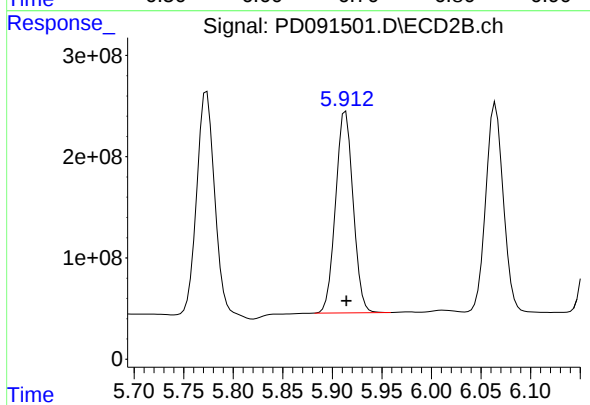
#15 Endosulfan II

R.T.: 6.065 min
Delta R.T.: -0.001 min
Response: 2537852998
Conc: 53.87 ng/ml



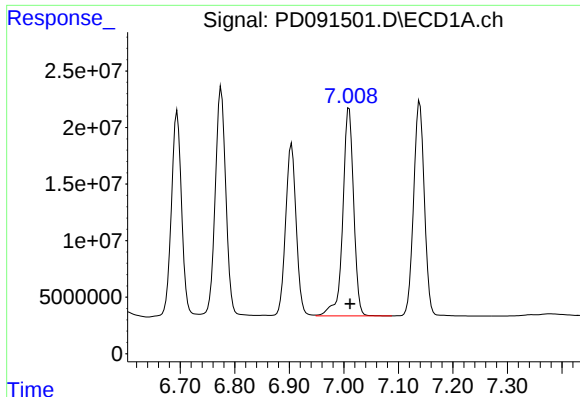
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: -0.001 min
Response: 233223660
Conc: 50.67 ng/ml



#16 4,4'-DDD

R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 2447947170
Conc: 53.82 ng/ml



#17 4,4'-DDT

R.T.: 7.010 min
Delta R.T.: -0.002 min
Response: 254891097
Conc: 49.43 ng/ml

Instrument :

ECD_D

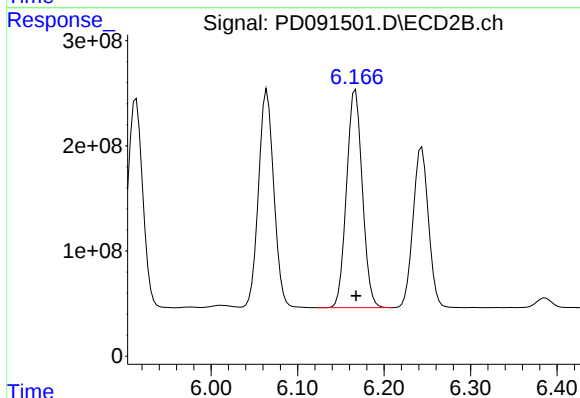
ClientSampleId :

PSTDCCC050

Manual Integrations

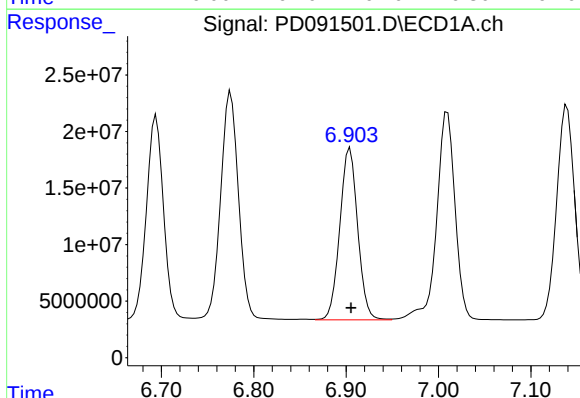
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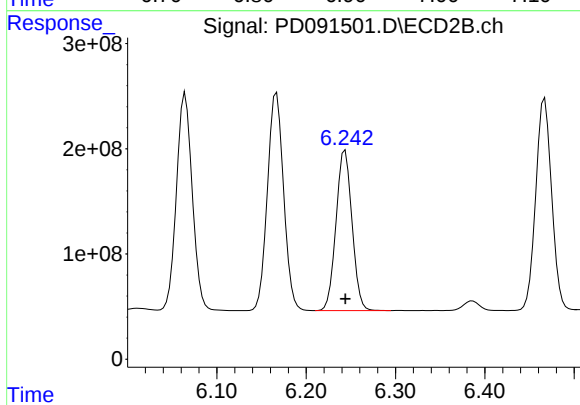
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 2610891938
Conc: 55.08 ng/ml



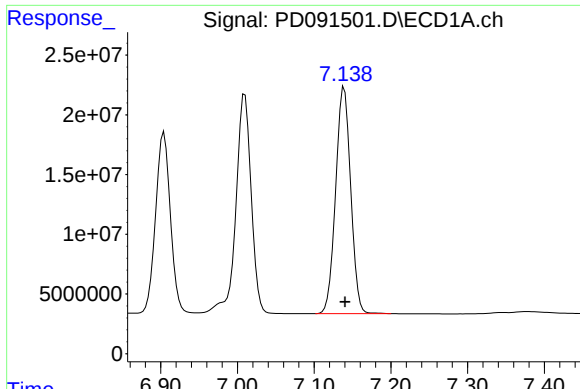
#18 Endrin aldehyde

R.T.: 6.904 min
Delta R.T.: -0.001 min
Response: 204689222
Conc: 49.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 1892001032
Conc: 53.01 ng/ml



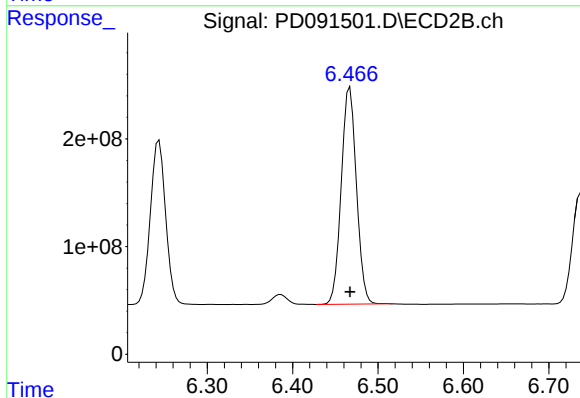
#19 Endosulfan Sulfate

R.T.: 7.139 min
Delta R.T.: -0.001 min
Response: 258349365
Conc: 48.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

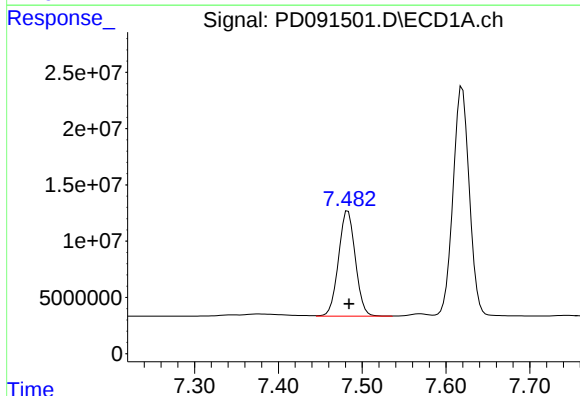
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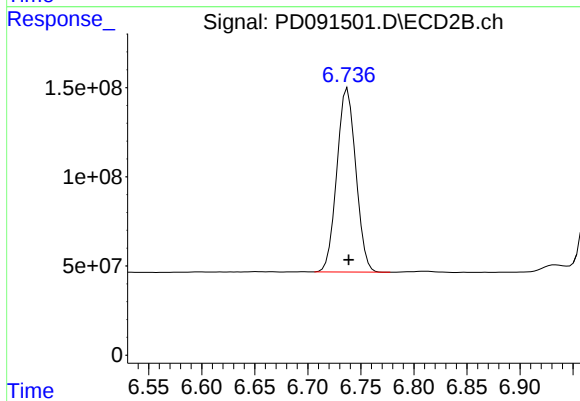
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2487827487
Conc: 53.97 ng/ml



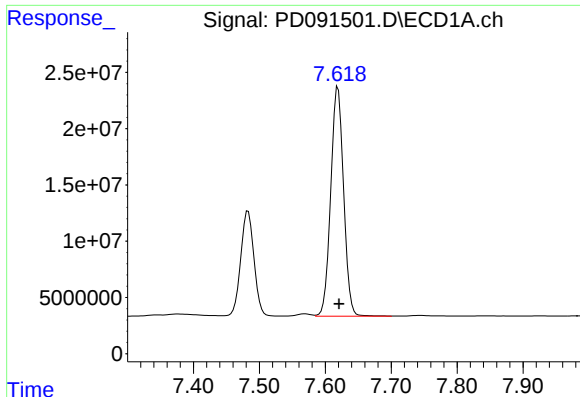
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 130451066
Conc: 48.53 ng/ml



#20 Methoxychlor

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 1281473870
Conc: 54.30 ng/ml



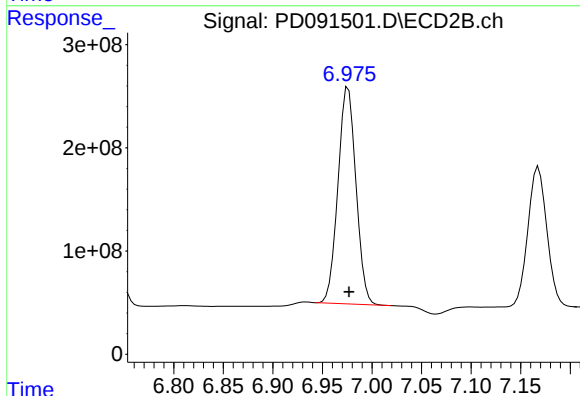
#21 Endrin ketone

R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 275689719
Conc: 48.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

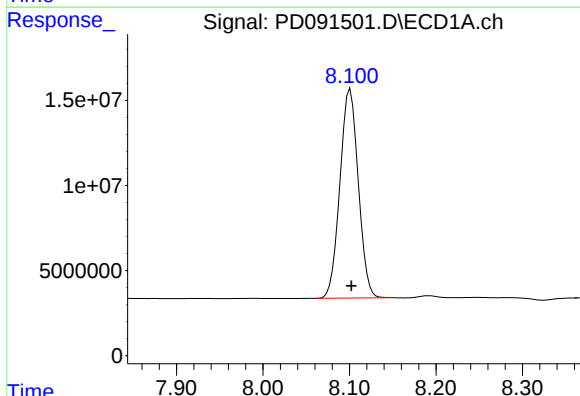
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/09/2025
Supervised By :Yogesh Patel 12/09/2025



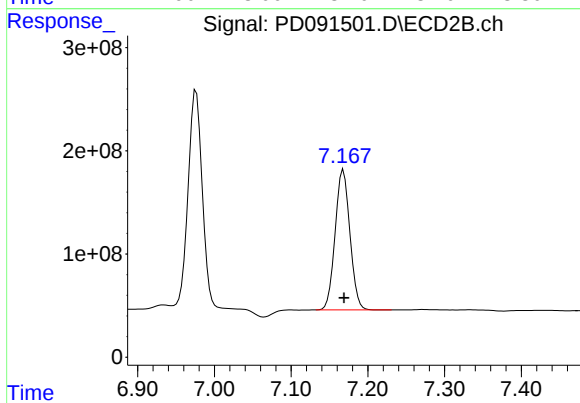
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 2651835260
Conc: 54.52 ng/ml



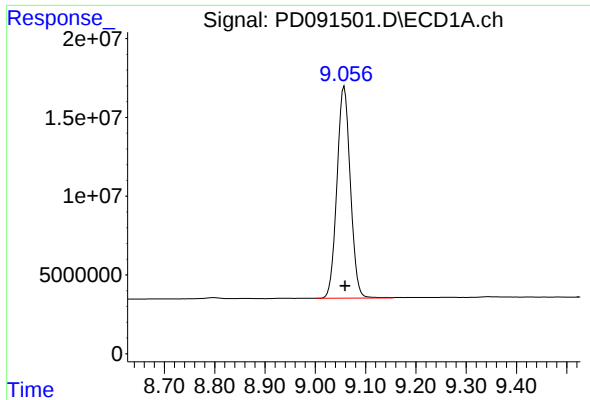
#22 Mirex

R.T.: 8.101 min
Delta R.T.: -0.001 min
Response: 180123192
Conc: 48.48 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 1815781142
Conc: 55.40 ng/ml



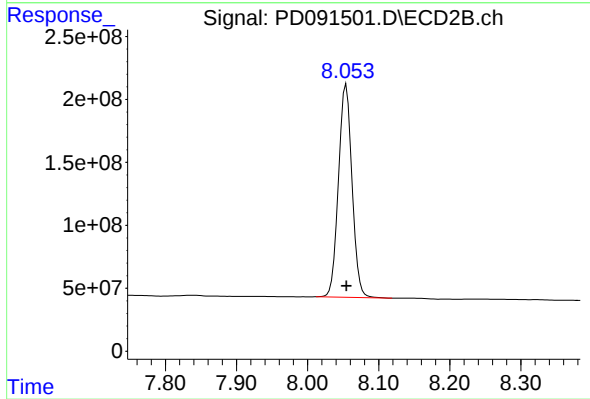
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 248730374
Conc: 47.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/09/2025
Supervised By :Yogesh Patel 12/09/2025



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 2240094438
Conc: 54.09 ng/ml