

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091599.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 10:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/17/2025
 Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 04:56:32 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	2.869	153.8E6	1973.5E6	44.291	50.084
28)	SA Decachlor...	9.062	8.054	221.1E6	2156.8E6	42.532	52.082
Target Compounds							
2)	A alpha-BHC	3.994	3.381	370.6E6	3473.6E6	46.028	50.952
3)	MA gamma-BHC...	4.325	3.717	346.4E6	3179.9E6	46.093	56.552
4)	MA Heptachlor	4.922	4.069	336.2E6	3091.3E6	47.357	53.039
5)	MB Aldrin	5.263	4.354	333.4E6	3143.4E6	47.912	54.210
6)	B beta-BHC	4.513	4.014	131.4E6	1290.7E6	45.506	53.870
7)	B delta-BHC	4.760	4.250	343.8E6	3212.4E6	57.476	53.641
8)	B Heptachlo...	5.683	4.858	294.7E6	2772.2E6	47.594	54.789
9)	A Endosulfan I	6.067	5.232	281.7E6	2511.0E6	46.105	51.257
10)	B gamma-Chl...	5.939	5.111	301.8E6	3071.3E6	47.325	55.020
11)	B alpha-Chl...	6.019	5.175	300.9E6	2919.4E6	44.800	54.516
12)	B 4,4'-DDE	6.189	5.358	264.7E6	2951.7E6	45.570	53.855m
13)	MA Dieldrin	6.339	5.498	299.9E6	2991.4E6	46.087	53.933
14)	MA Endrin	6.566	5.774	250.0E6	2683.1E6	44.580	51.324
15)	B Endosulfa...	6.780	6.066	258.1E6	2535.6E6	42.445	53.818 #
16)	A 4,4'-DDD	6.699	5.914	214.9E6	2466.9E6	46.683	54.232
17)	MA 4,4'-DDT	7.014	6.168	218.3E6	2503.2E6	42.340	52.812
18)	B Endrin al...	6.909	6.244	187.5E6	1894.6E6	44.896	53.082
19)	B Endosulfa...	7.143	6.467	232.7E6	2452.6E6	44.087	53.208
20)	A Methoxychlor	7.487	6.738	111.0E6	1197.9E6	41.302	50.763
21)	B Endrin ke...	7.624	6.977	248.9E6	2643.4E6	44.187	54.342
22)	Mirex	8.105	7.169	162.4E6	1807.9E6	43.717	55.162 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 10:33
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

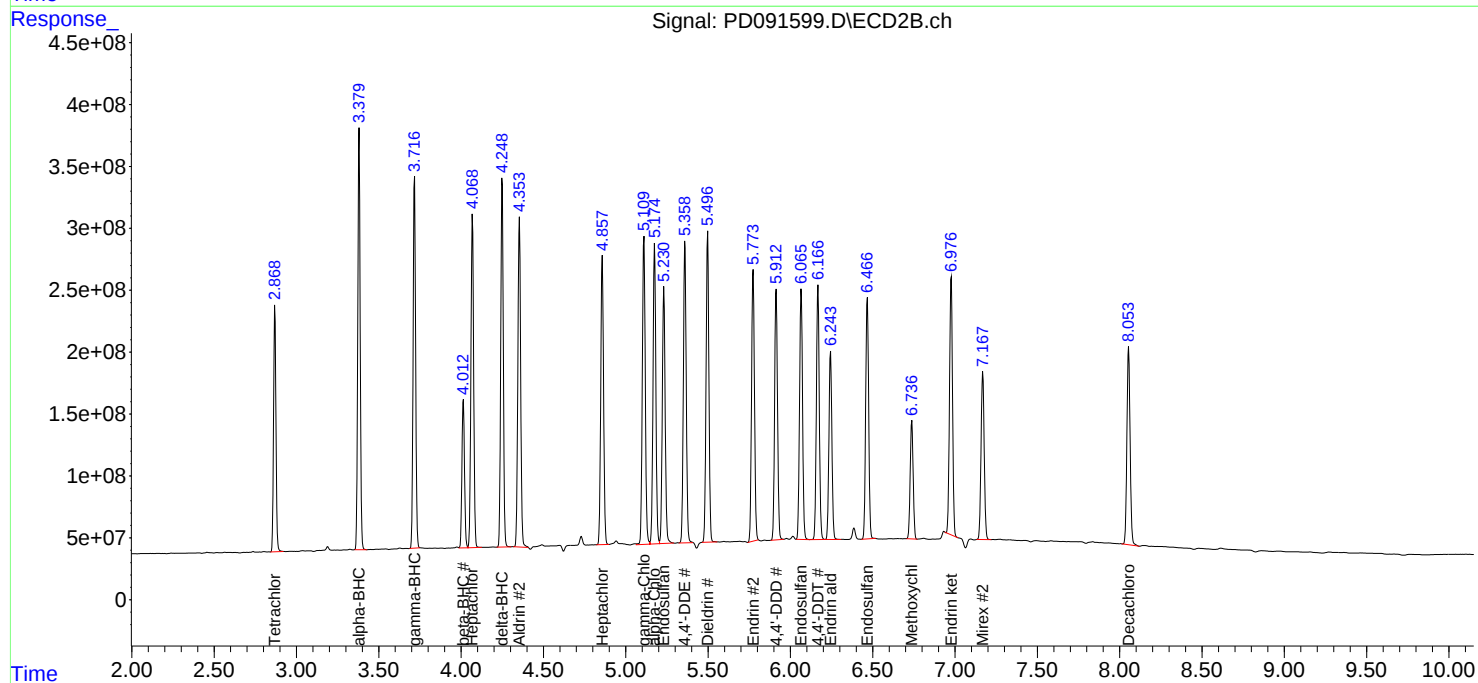
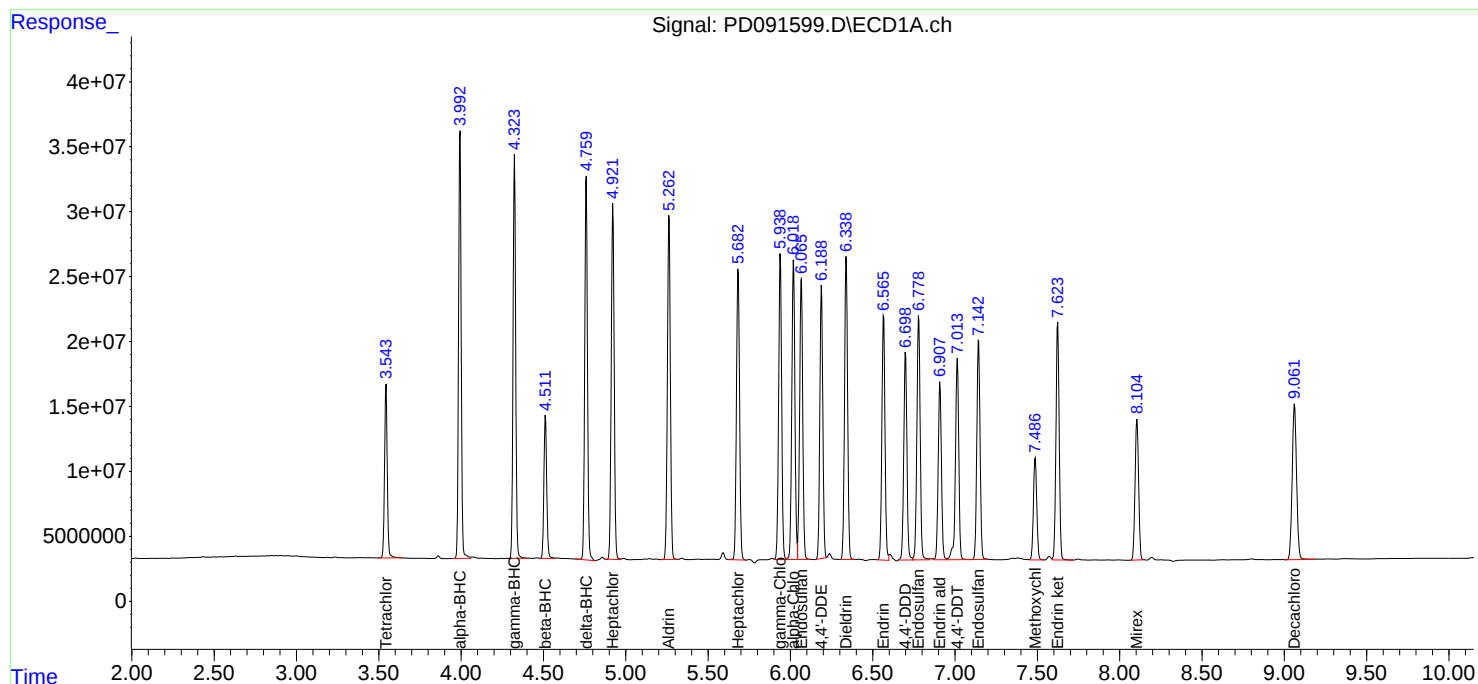
Manual Integrations

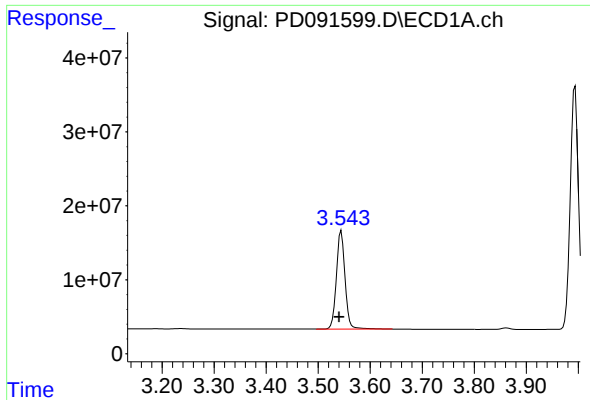
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Supervised By :Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 04:56:32 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





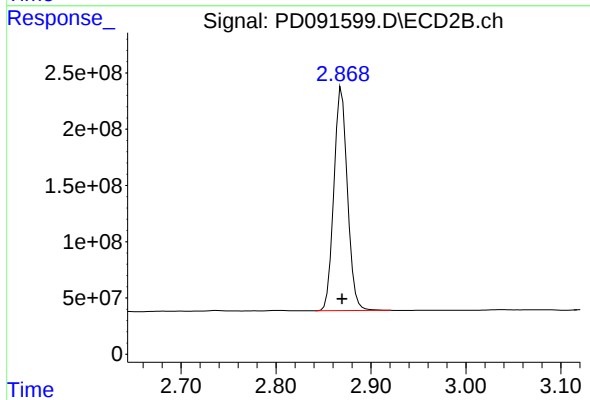
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.004 min
Response: 153836657
Conc: 44.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

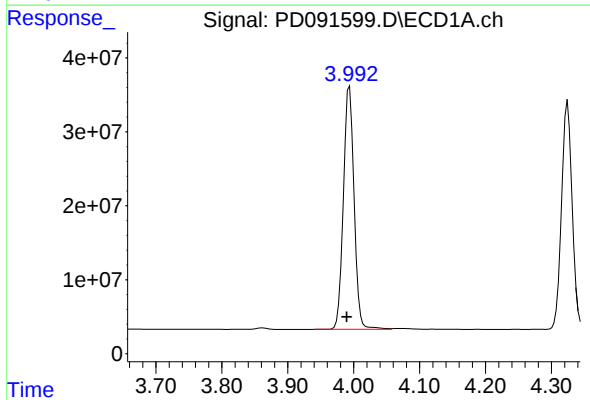
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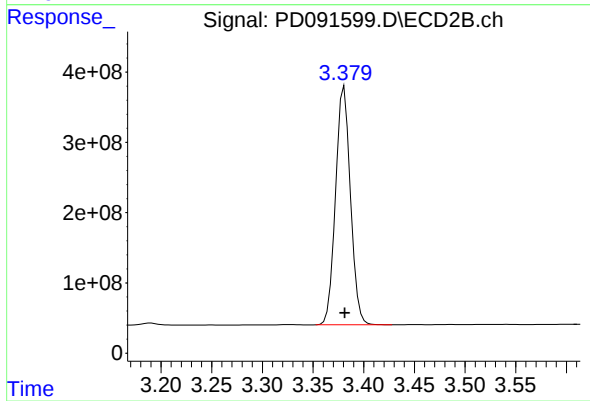
#1 Tetrachloro-m-xylene

R.T.: 2.869 min
Delta R.T.: 0.000 min
Response: 1973485364
Conc: 50.08 ng/ml



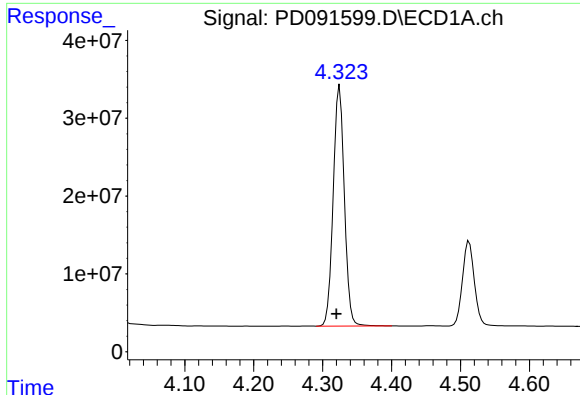
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.004 min
Response: 370566063
Conc: 46.03 ng/ml



#2 alpha-BHC

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 3473588731
Conc: 50.95 ng/ml



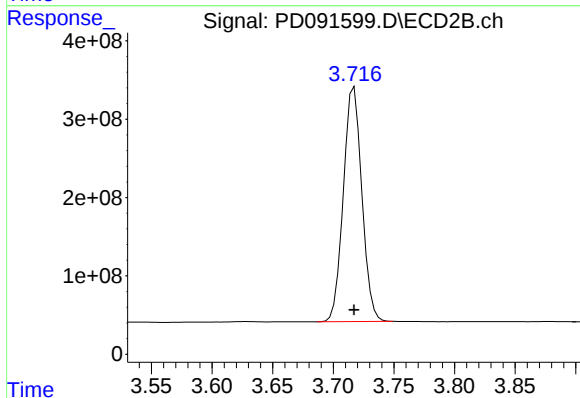
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.005 min
Response: 346423372
Conc: 46.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

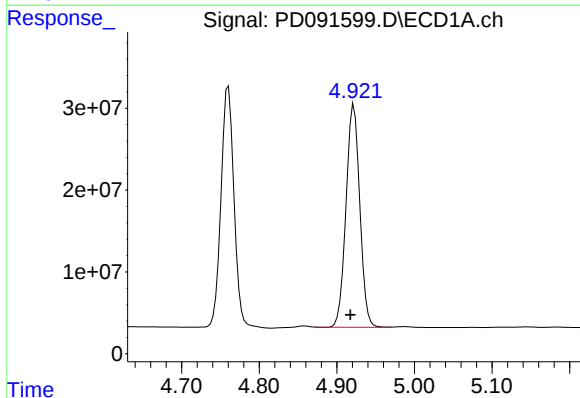
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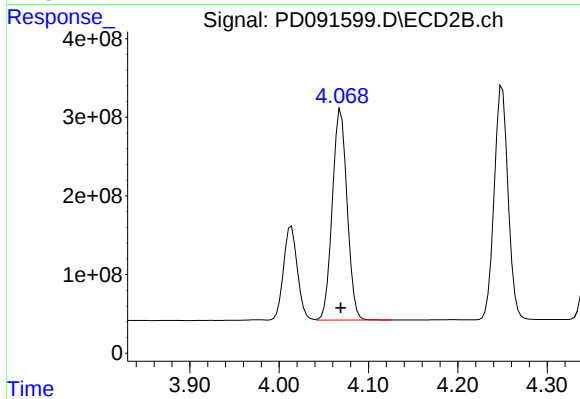
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 3179866191
Conc: 56.55 ng/ml



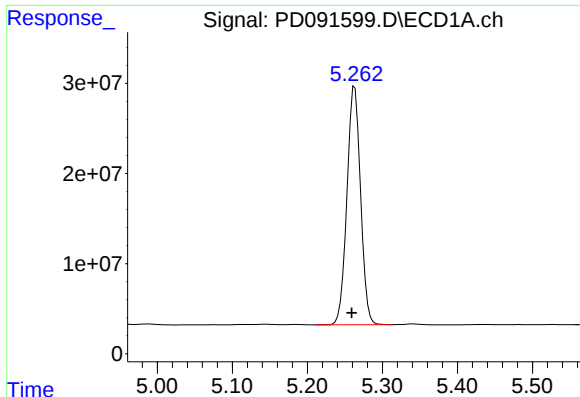
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.004 min
Response: 336182823
Conc: 47.36 ng/ml



#4 Heptachlor

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 3091288640
Conc: 53.04 ng/ml



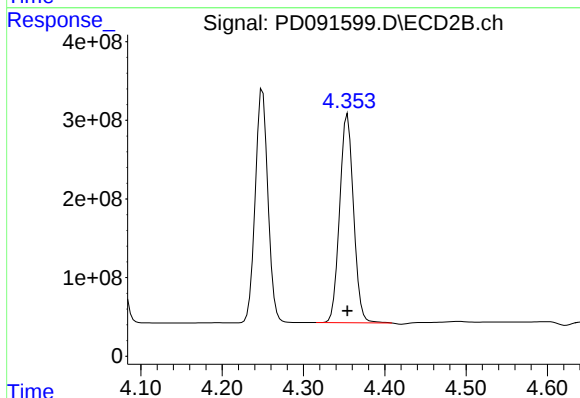
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.004 min
Response: 333364953
Conc: 47.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

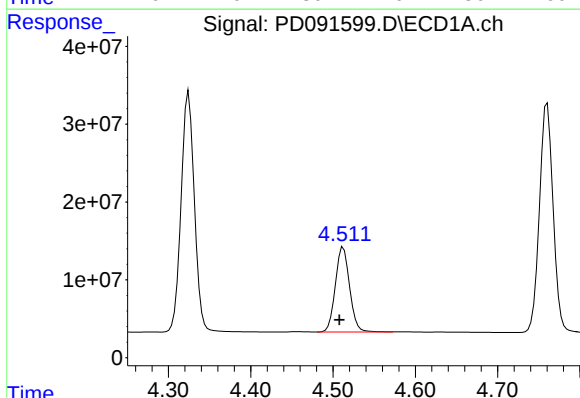
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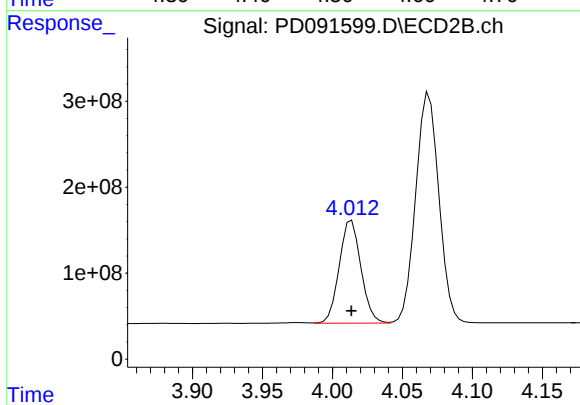
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 3143425552
Conc: 54.21 ng/ml



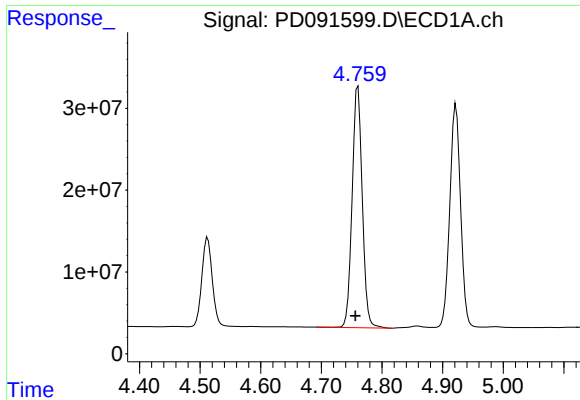
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.005 min
Response: 131377671
Conc: 45.51 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 1290674713
Conc: 53.87 ng/ml



#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.004 min
Response: 343836543
Conc: 57.48 ng/ml

Instrument :

ECD_D

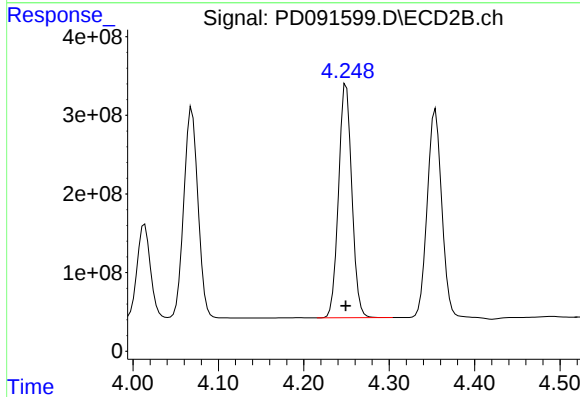
ClientSampleId :

PSTDCCC050

Manual Integrations

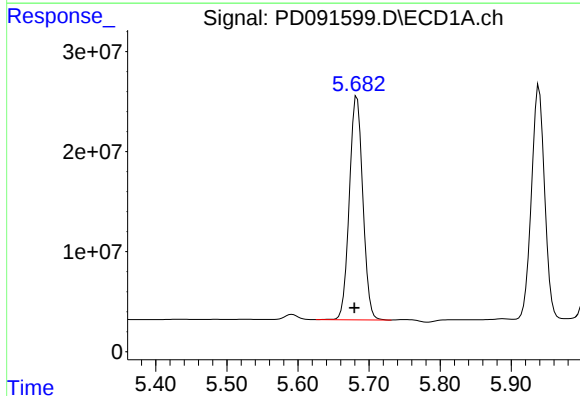
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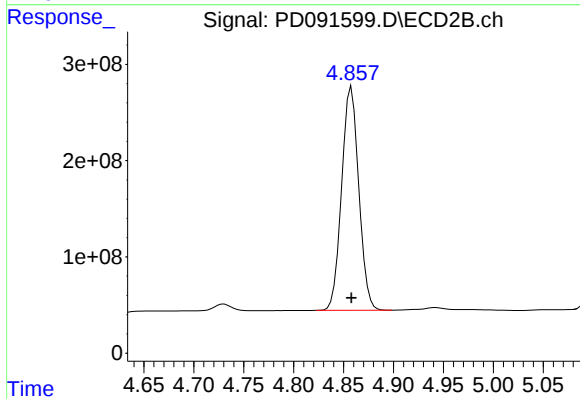
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 3212388338
Conc: 53.64 ng/ml



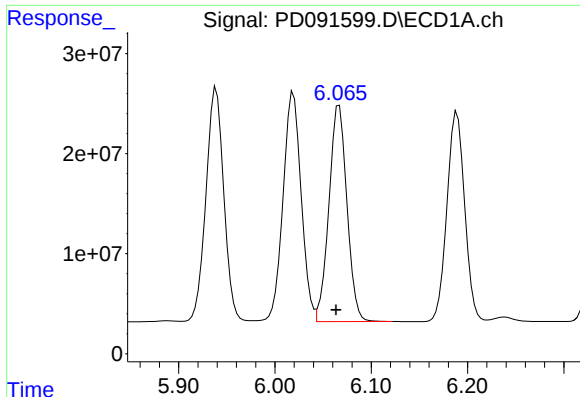
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.004 min
Response: 294717910
Conc: 47.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 2772177834
Conc: 54.79 ng/ml



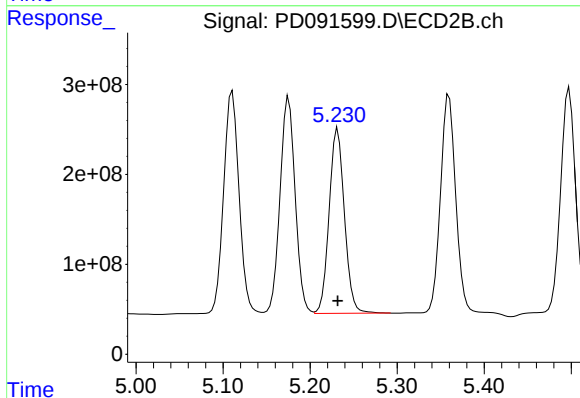
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.003 min
Response: 281690297
Conc: 46.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

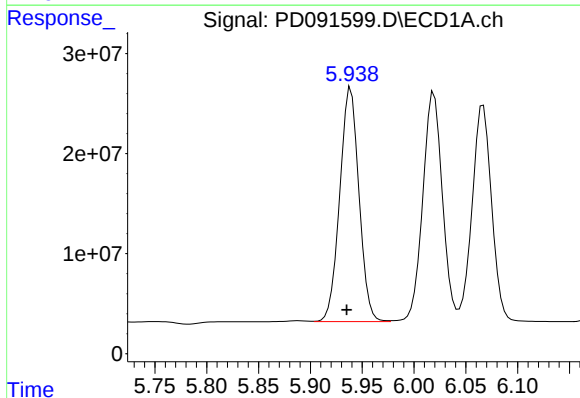
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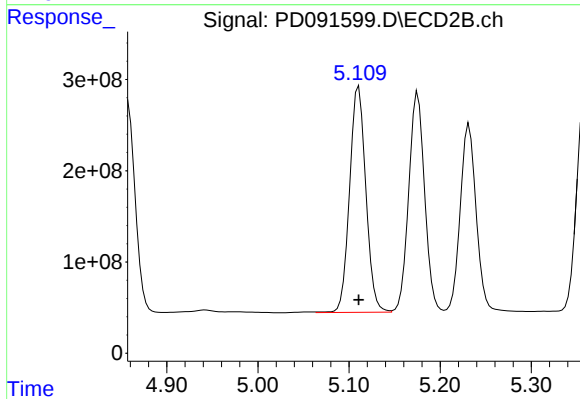
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 2511019015
Conc: 51.26 ng/ml



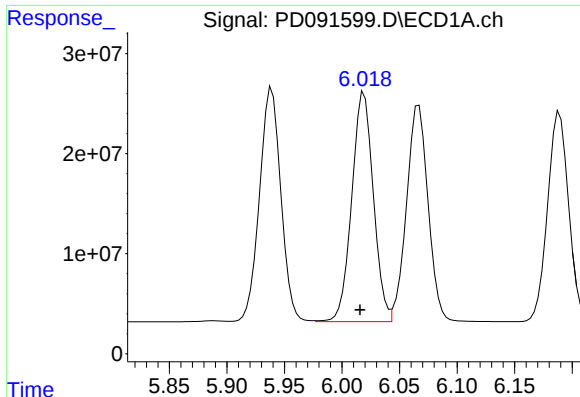
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.004 min
Response: 301795347
Conc: 47.33 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 3071276575
Conc: 55.02 ng/ml



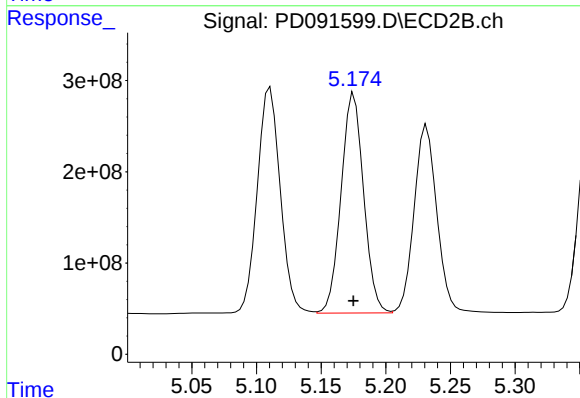
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.004 min
Response: 300883004
Conc: 44.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

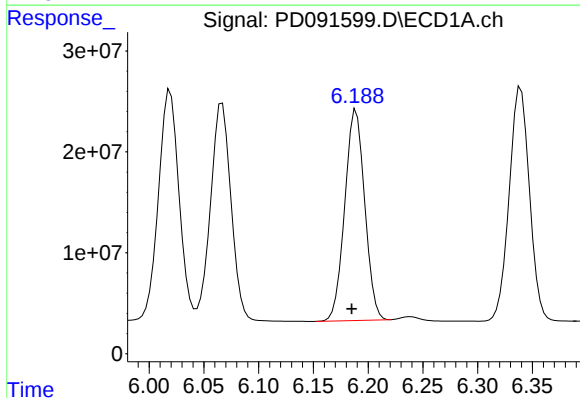
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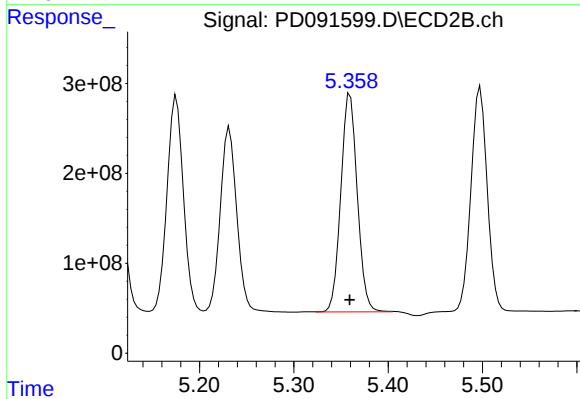
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 2919364439
Conc: 54.52 ng/ml



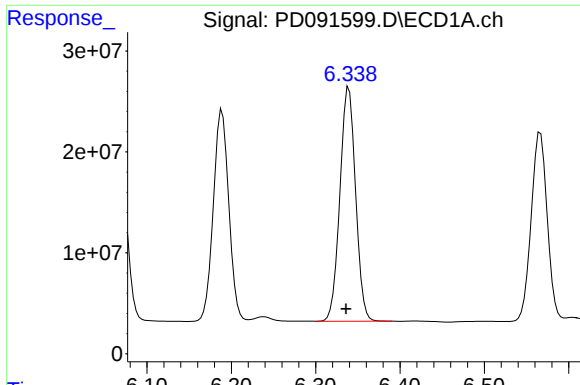
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.004 min
Response: 264735912
Conc: 45.57 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: 0.000 min
Response: 2951673302
Conc: 53.86 ng/ml m



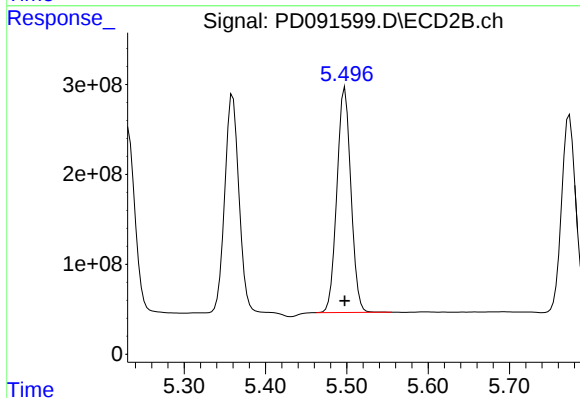
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: 0.003 min
Response: 299879706
Conc: 46.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

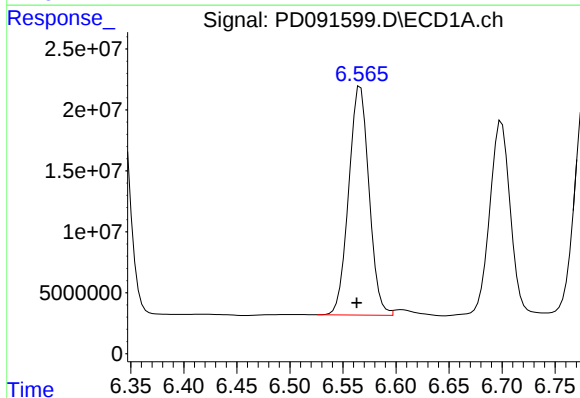
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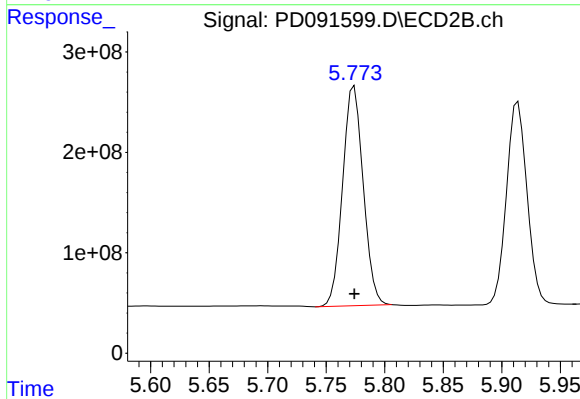
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 2991356152
Conc: 53.93 ng/ml



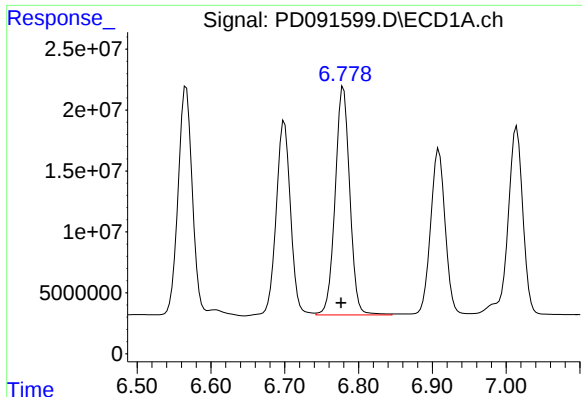
#14 Endrin

R.T.: 6.566 min
Delta R.T.: 0.004 min
Response: 250015292
Conc: 44.58 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2683098424
Conc: 51.32 ng/ml



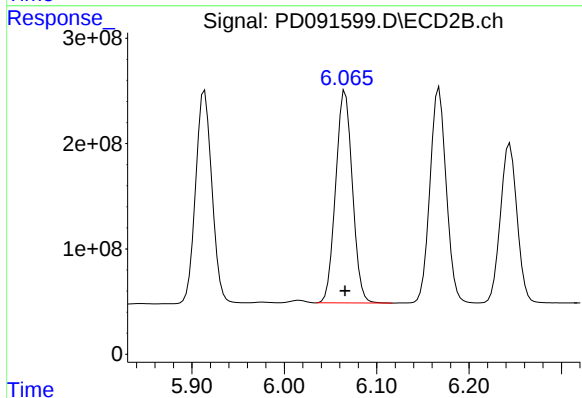
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: 0.003 min
Response: 258099768
Conc: 42.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

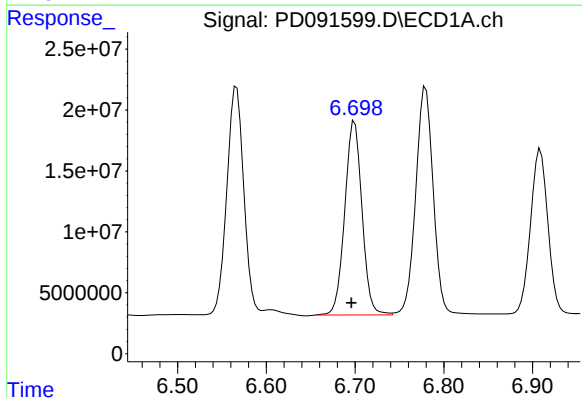
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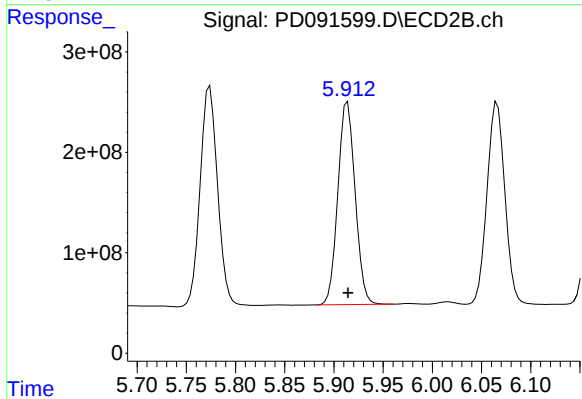
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 2535623730
Conc: 53.82 ng/ml



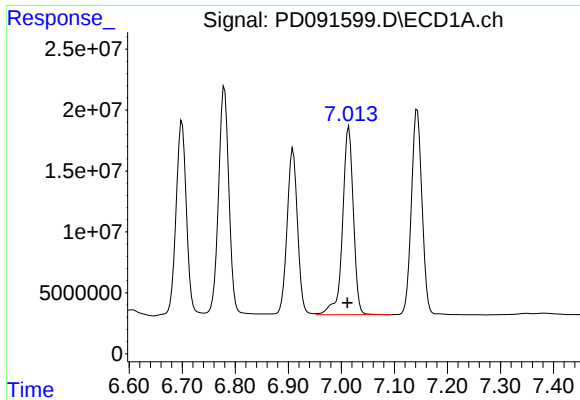
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.004 min
Response: 214874060
Conc: 46.68 ng/ml



#16 4,4'-DDD

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 2466865087
Conc: 54.23 ng/ml



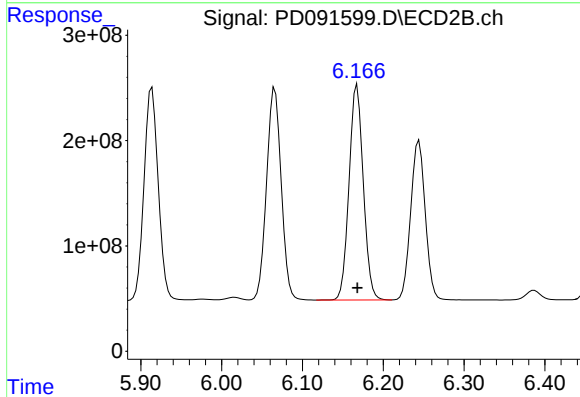
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: 0.003 min
Response: 218323457
Conc: 42.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

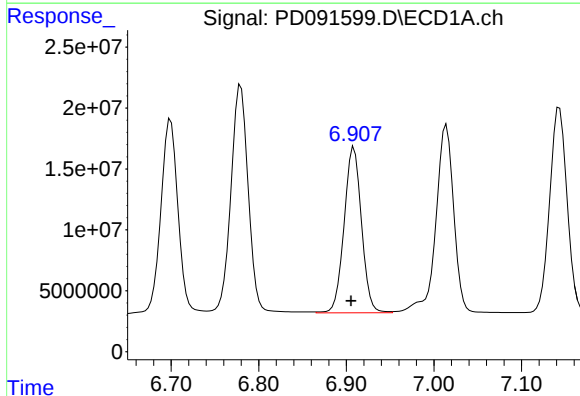
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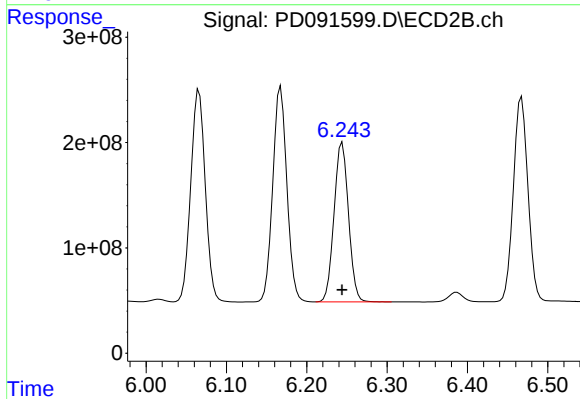
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 2503214163
Conc: 52.81 ng/ml



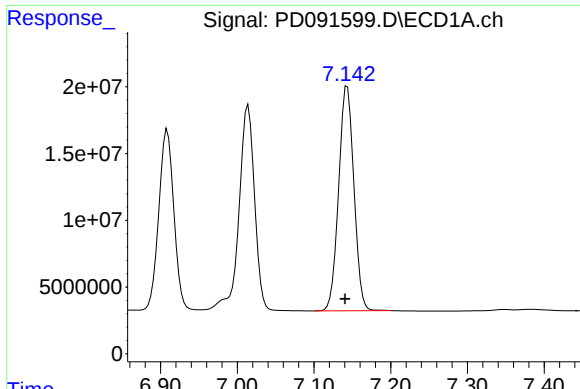
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.003 min
Response: 187547189
Conc: 44.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 1894570528
Conc: 53.08 ng/ml



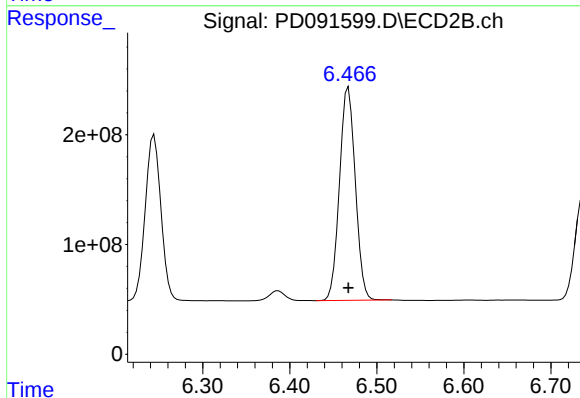
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: 0.003 min
Response: 232743490
Conc: 44.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

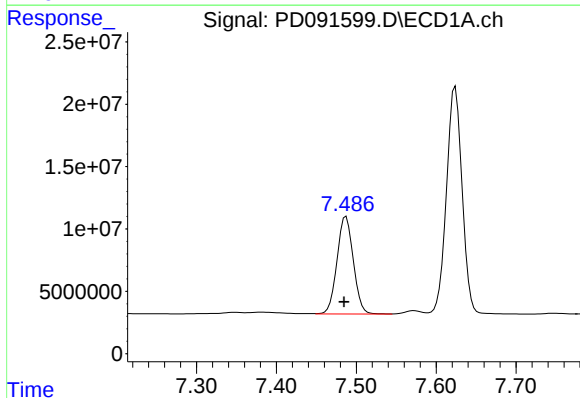
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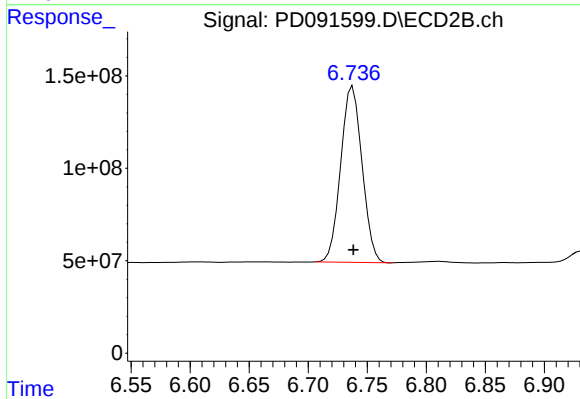
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 2452570336
Conc: 53.21 ng/ml



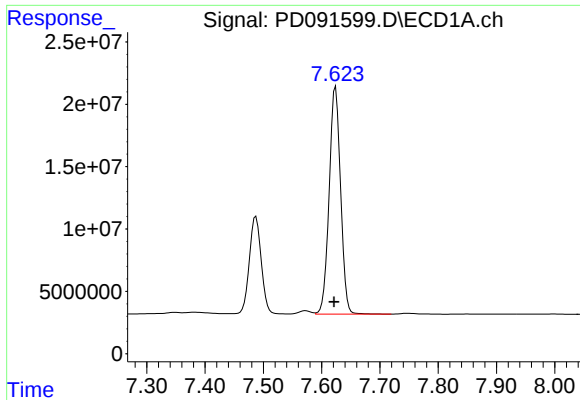
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: 0.003 min
Response: 111019672
Conc: 41.30 ng/ml



#20 Methoxychlor

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 1197918624
Conc: 50.76 ng/ml



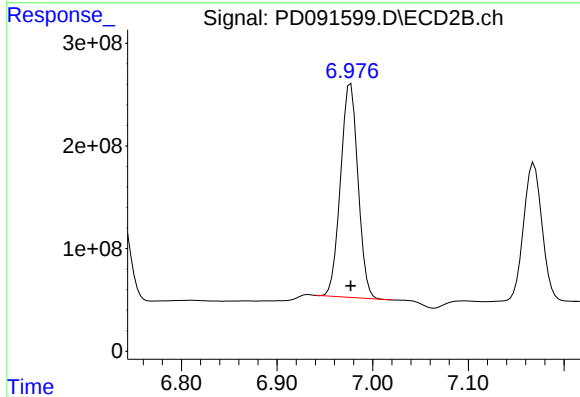
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.003 min
Response: 248946820
Conc: 44.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

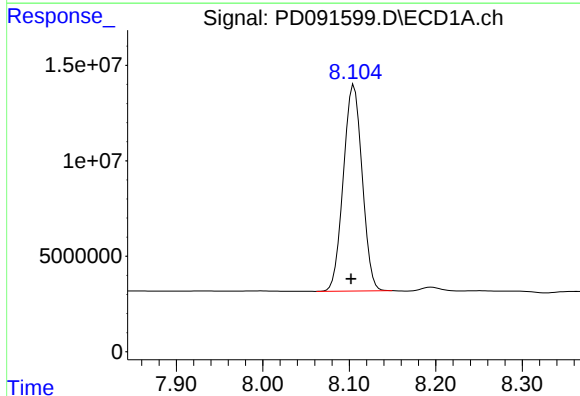
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



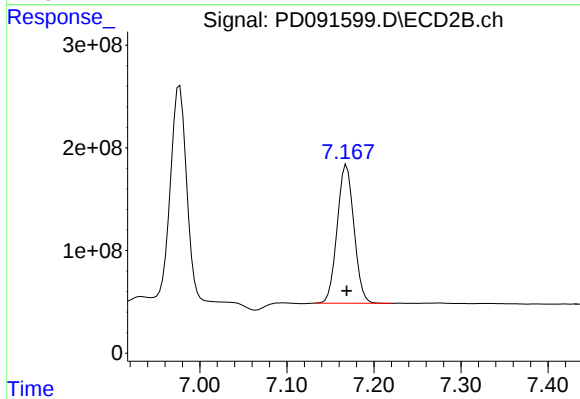
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 2643375230
Conc: 54.34 ng/ml



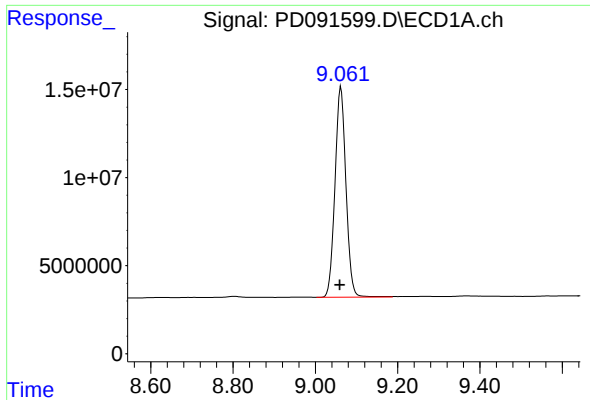
#22 Mirex

R.T.: 8.105 min
Delta R.T.: 0.003 min
Response: 162429112
Conc: 43.72 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 1807942699
Conc: 55.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.003 min
Response: 221081561
Conc: 42.53 ng/ml

Instrument :

ECD_D

ClientSampleId :

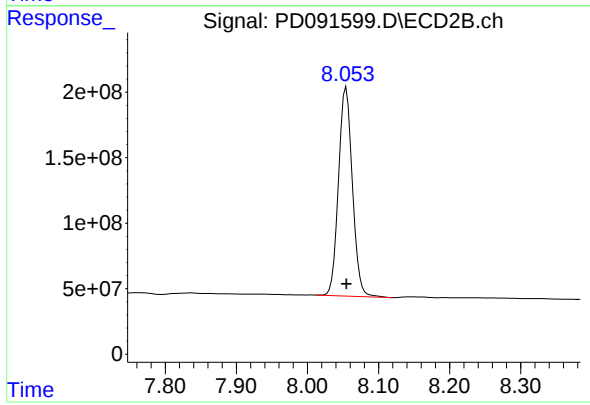
PSTDCCC050

Manual Integrations

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Reviewed By :Abdul Mirza 12/17/2025

Supervised By :Yogesh Patel 12/17/2025



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 2156753551
Conc: 52.08 ng/ml