

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
 Data File : PD091032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2025 18:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/10/2025
 Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 11:00:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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	2.874	144.9E6	1472.5E6	46.526	49.451
28)	SA Decachlor...	9.066	8.059	208.6E6	1558.8E6	44.586	51.461
Target Compounds							
2)	A alpha-BHC	3.993	3.385	353.1E6	2532.5E6	49.196	49.564
3)	MA gamma-BHC...	4.324	3.721	328.0E6	2366.4E6	48.241	50.083
4)	MA Heptachlor	4.922	4.073	328.9E6	2303.9E6	58.838	51.654
5)	MB Aldrin	5.263	4.359	313.0E6	2272.3E6	47.810	49.057
6)	B beta-BHC	4.511	4.018	120.5E6	984.3E6	45.995	49.639
7)	B delta-BHC	4.760	4.254	328.5E6	2372.4E6	48.588	49.718
8)	B Heptachlo...	5.684	4.862	278.9E6	2053.3E6	48.171	48.155
9)	A Endosulfan I	6.067	5.236	262.1E6	1854.7E6	47.331	47.084
10)	B gamma-Chl...	5.939	5.115	278.0E6	2194.0E6	46.863	48.810
11)	B alpha-Chl...	6.020	5.180	280.8E6	2103.9E6	45.434	48.771
12)	B 4,4'-DDE	6.189	5.364	249.0E6	2179.0E6	46.748	49.706
13)	MA Dieldrin	6.340	5.502	279.8E6	2184.6E6	47.978	49.444
14)	MA Endrin	6.568	5.779	238.2E6	2058.3E6	48.093	50.830
15)	B Endosulfa...	6.781	6.071	232.8E6	1860.7E6	46.551	49.547
16)	A 4,4'-DDD	6.700	5.919	204.4E6	1806.4E6	50.405	49.575
17)	MA 4,4'-DDT	7.015	6.172	206.0E6	1803.8E6	50.107	51.430
18)	B Endrin al...	6.909	6.248	167.9E6	1349.3E6	45.847	48.723
19)	B Endosulfa...	7.144	6.472	217.5E6	1776.8E6	46.896	49.568
20)	A Methoxychlor	7.488	6.743	107.3E6	904.4E6	50.497	51.896
21)	B Endrin ke...	7.626	6.980	237.0E6	1996.4E6	48.778	52.931m
22)	Mirex	8.107	7.174	151.2E6	1305.2E6	47.223	50.805

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110725\
Data File : PD091032.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2025 18:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

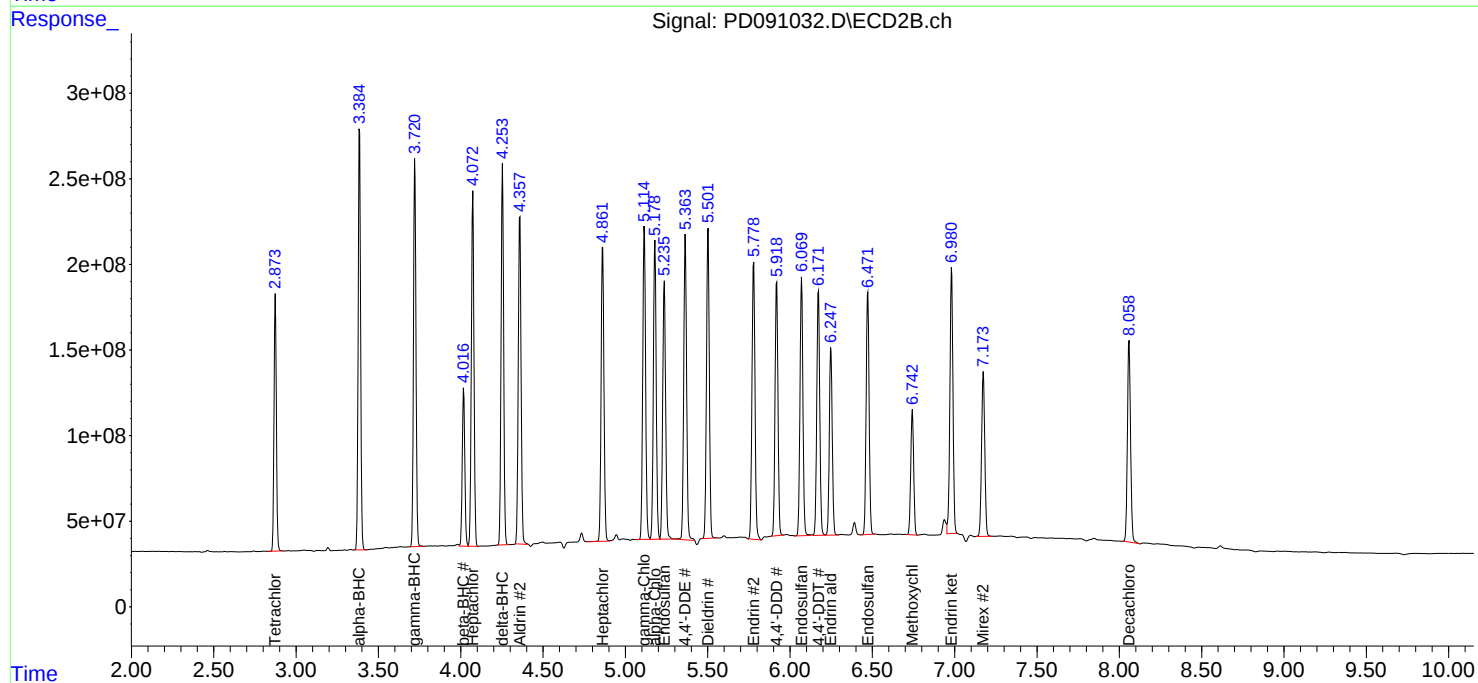
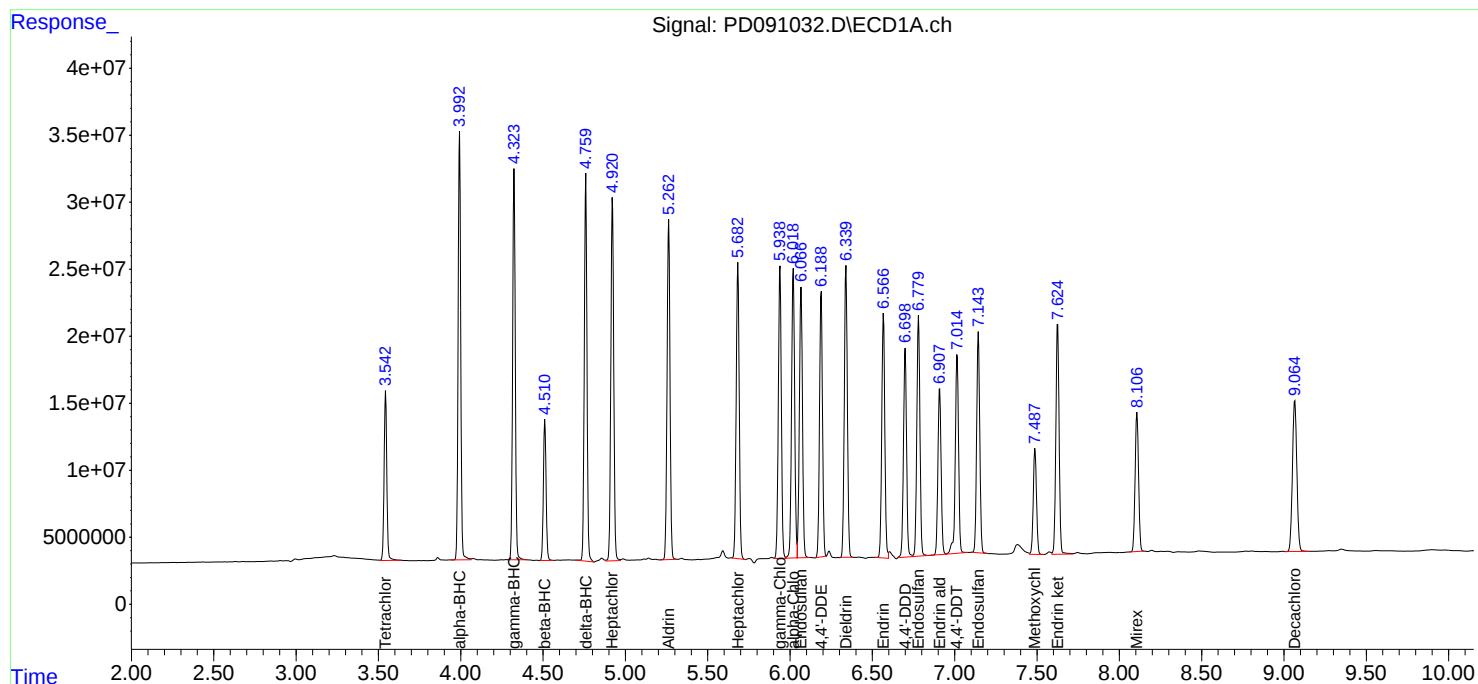
APPROVED

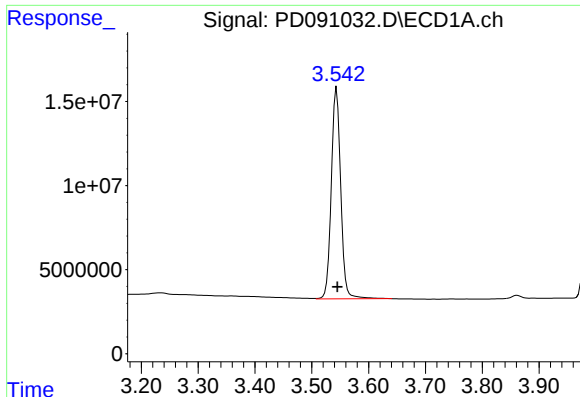
Reviewed By :Rahul Chavli 11/10/2025

Supervised By :Yogesh Patel 11/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 10 11:00:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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





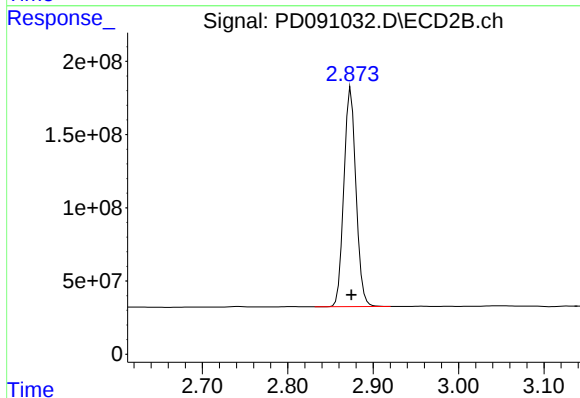
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 144889526
Conc: 46.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

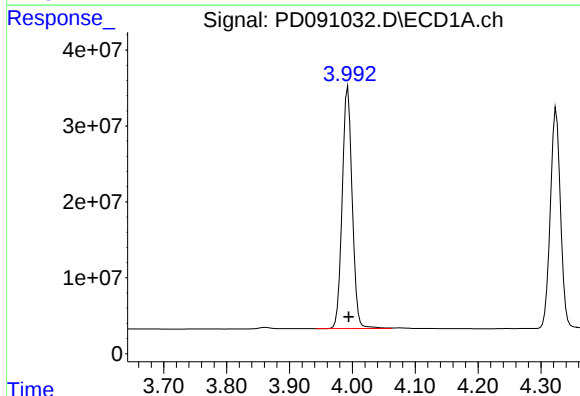
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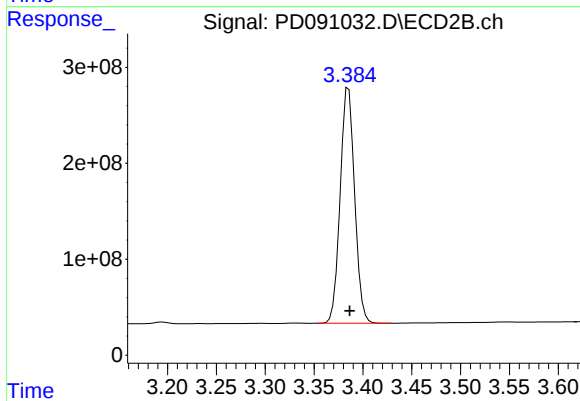
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 1472498507
Conc: 49.45 ng/ml



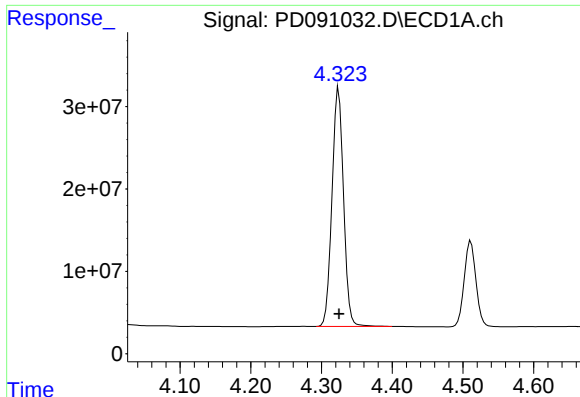
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 353087669
Conc: 49.20 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 2532528134
Conc: 49.56 ng/ml



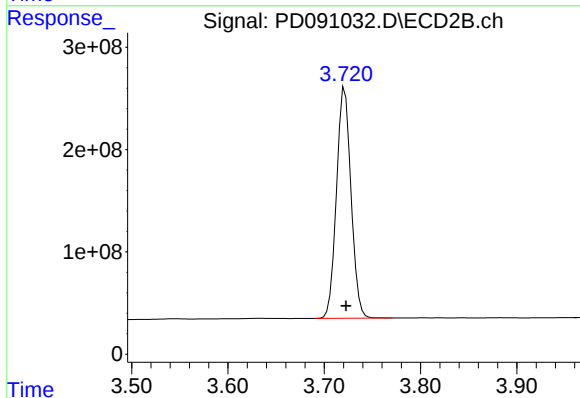
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 327985046
Conc: 48.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

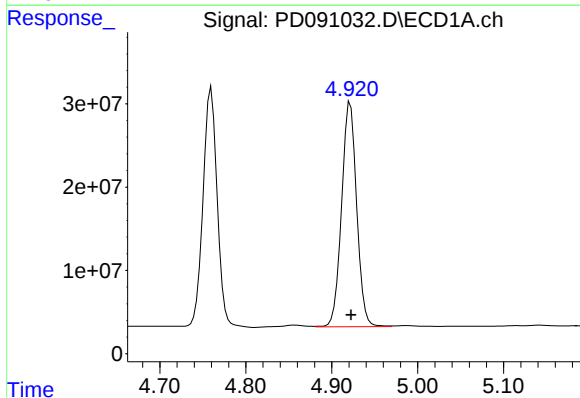
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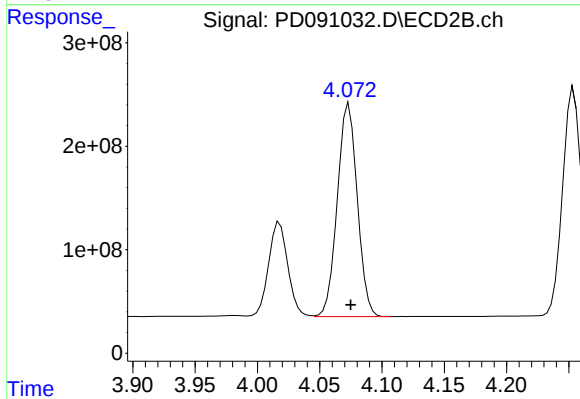
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 2366371099
Conc: 50.08 ng/ml



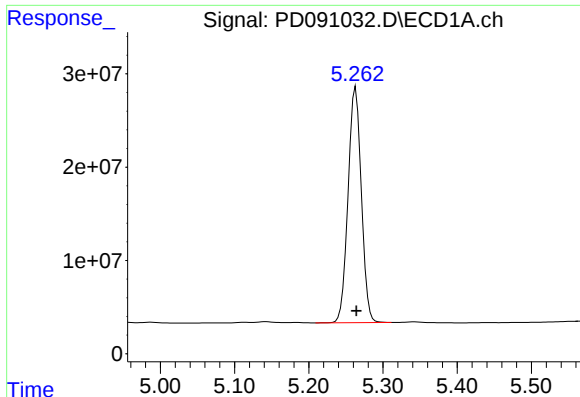
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 328881037
Conc: 58.84 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 2303913876
Conc: 51.65 ng/ml



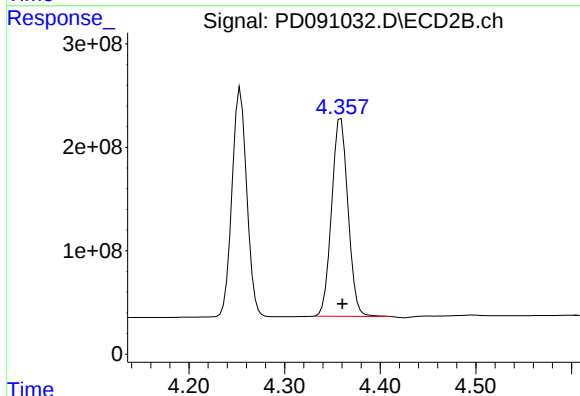
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 313024591
Conc: 47.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

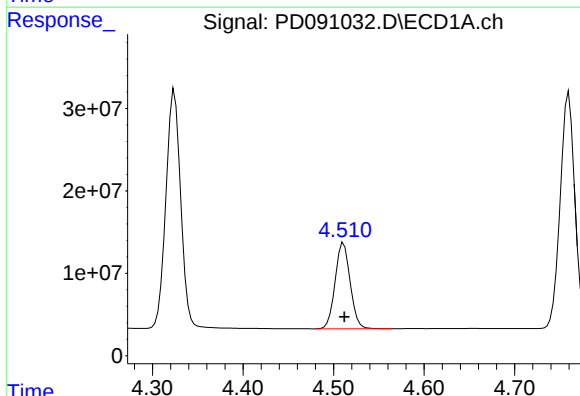
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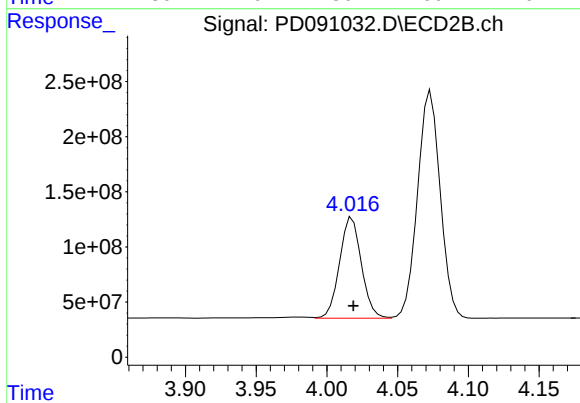
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 2272258549
Conc: 49.06 ng/ml



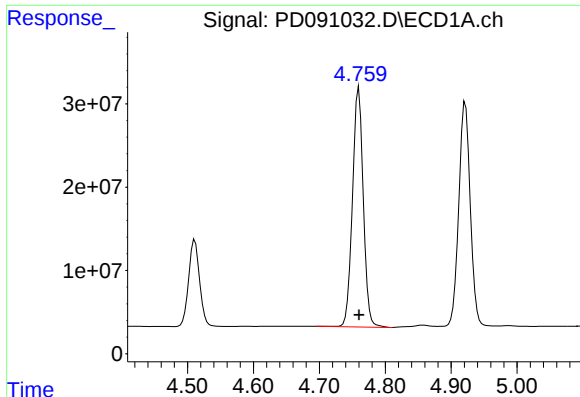
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 120490342
Conc: 46.00 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 984313053
Conc: 49.64 ng/ml



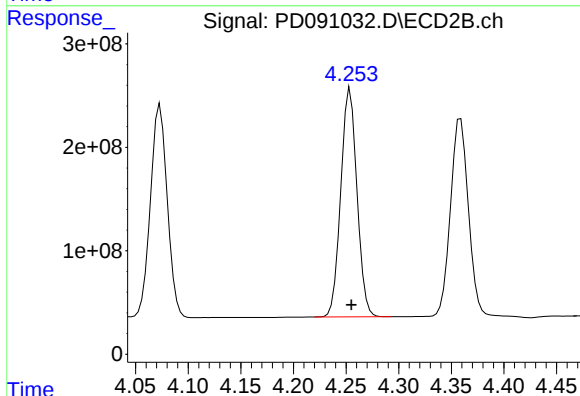
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 328537512
Conc: 48.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

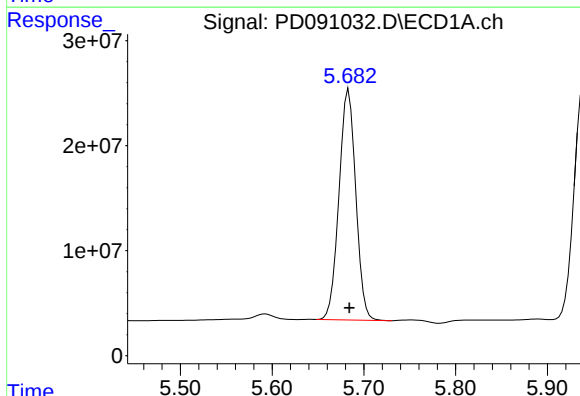
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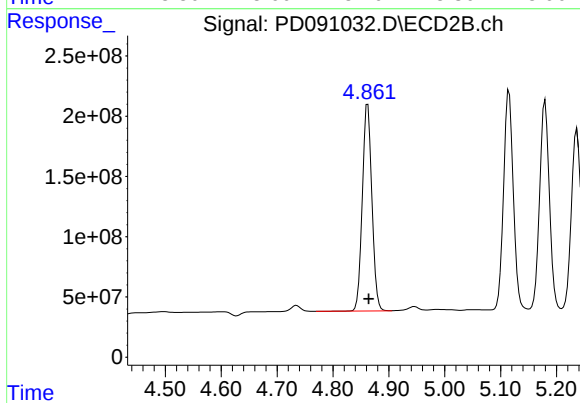
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 2372352938
Conc: 49.72 ng/ml



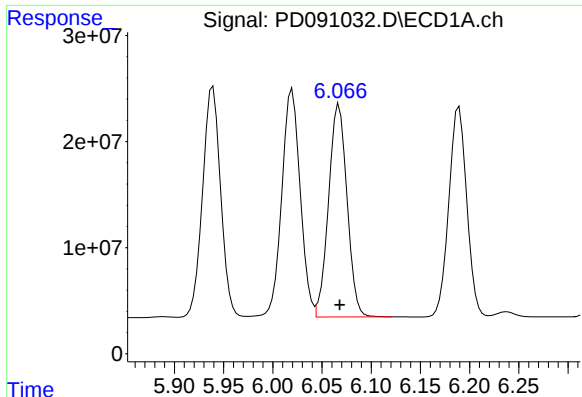
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 278865562
Conc: 48.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: -0.002 min
Response: 2053297772
Conc: 48.16 ng/ml



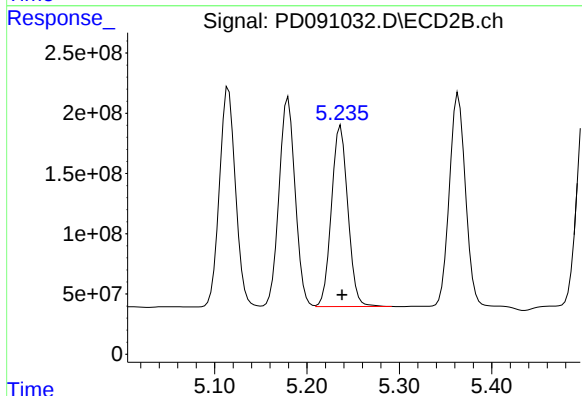
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 262054042
Conc: 47.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

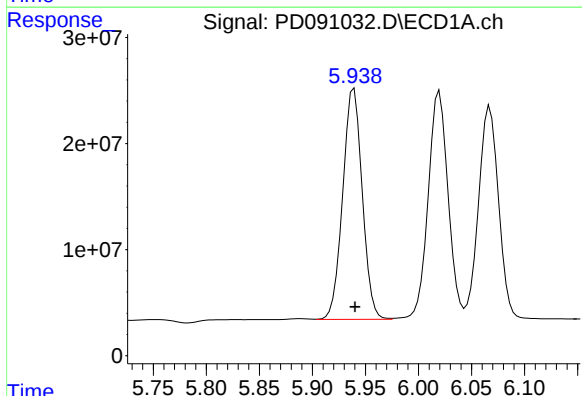
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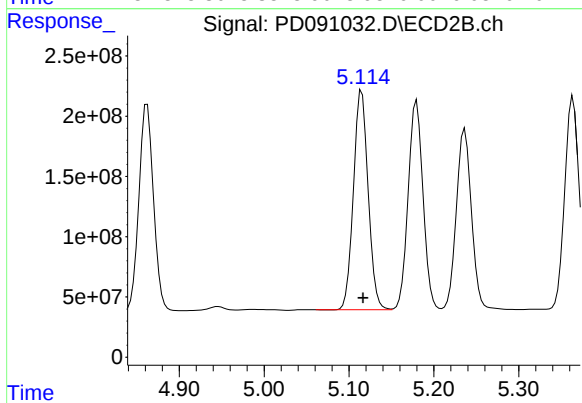
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 1854657919
Conc: 47.08 ng/ml



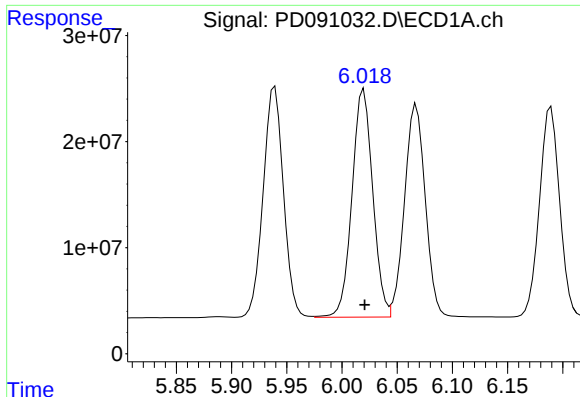
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 277951175
Conc: 46.86 ng/ml



#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 2193968614
Conc: 48.81 ng/ml



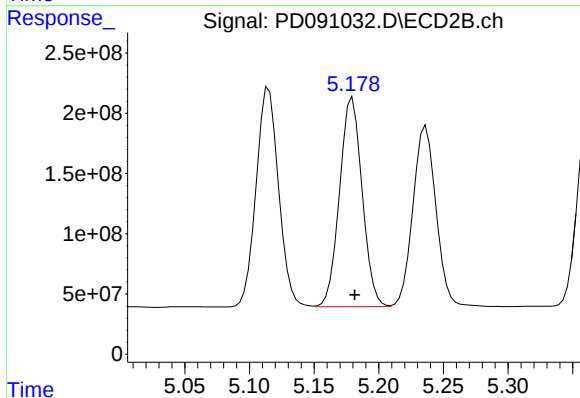
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 280794100
Conc: 45.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

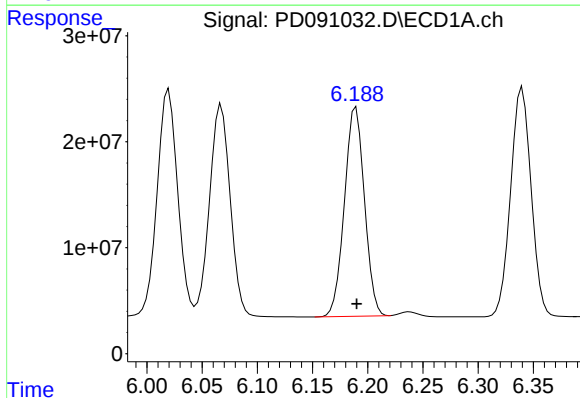
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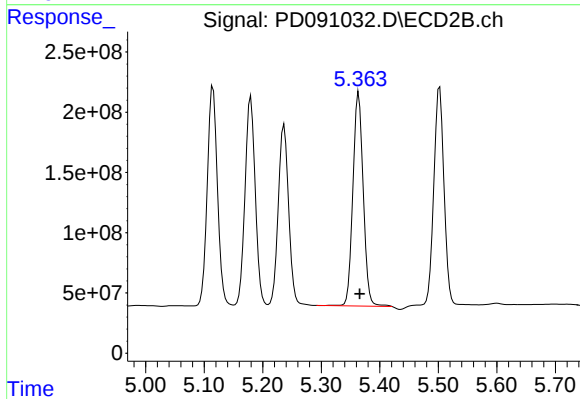
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 2103858705
Conc: 48.77 ng/ml



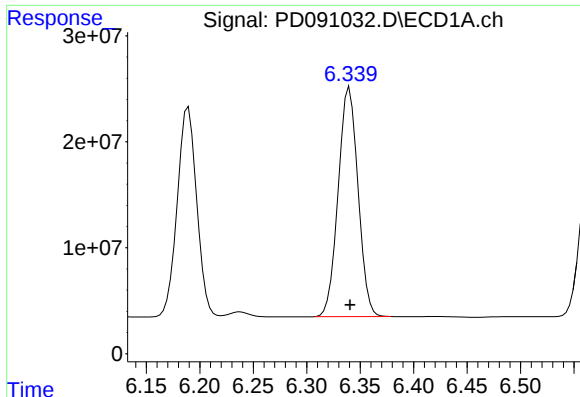
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 249008958
Conc: 46.75 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 2179021572
Conc: 49.71 ng/ml



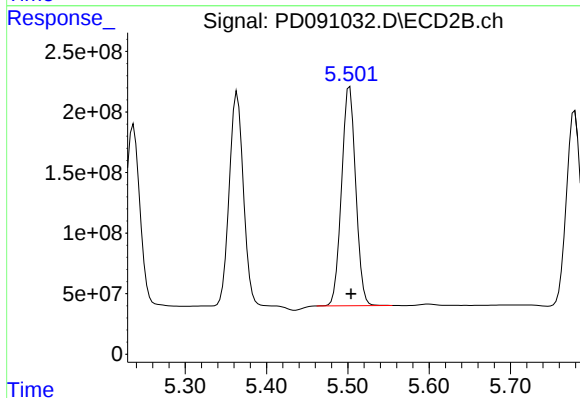
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 279776844
Conc: 47.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

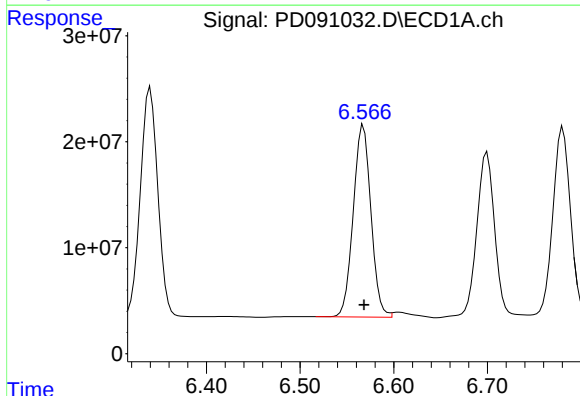
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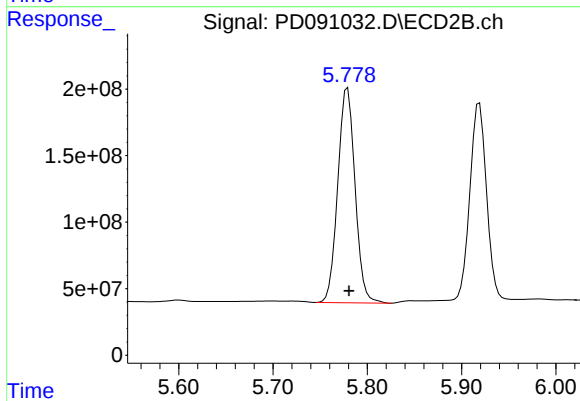
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 2184616893
Conc: 49.44 ng/ml



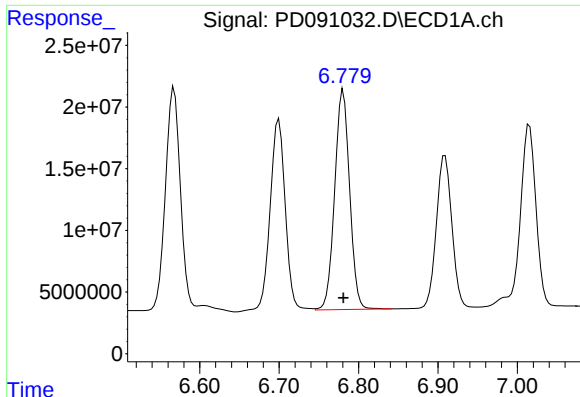
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 238239769
Conc: 48.09 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 2058317708
Conc: 50.83 ng/ml



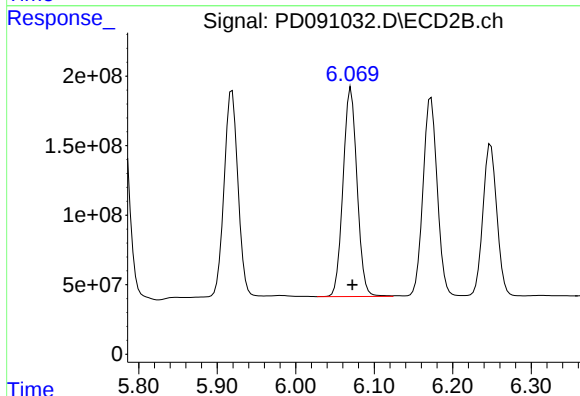
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 232751145
Conc: 46.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

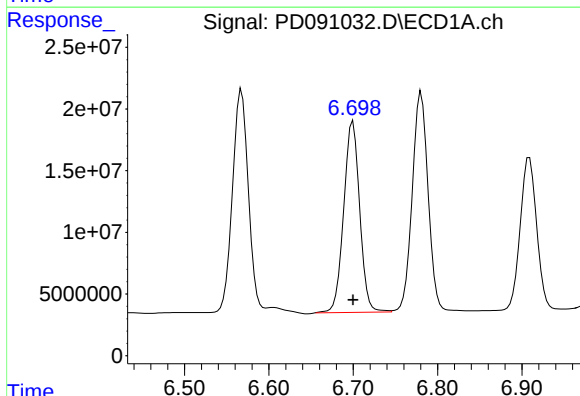
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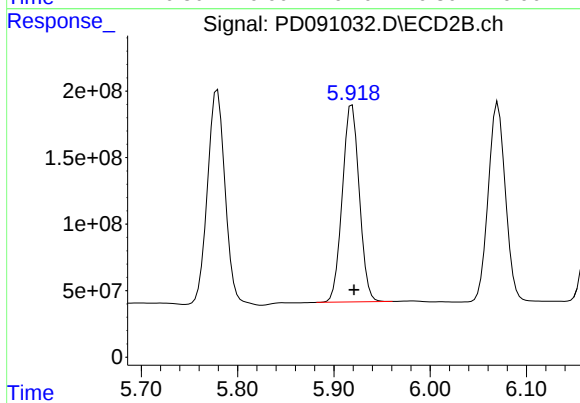
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.002 min
Response: 1860744558
Conc: 49.55 ng/ml



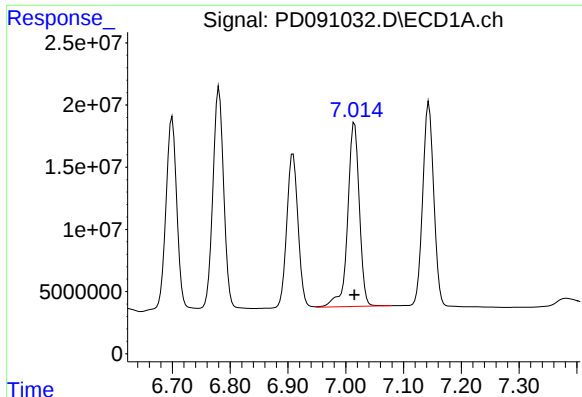
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 204353099
Conc: 50.41 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 1806423900
Conc: 49.58 ng/ml



#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 205962989
Conc: 50.11 ng/ml

Instrument :

ECD_D

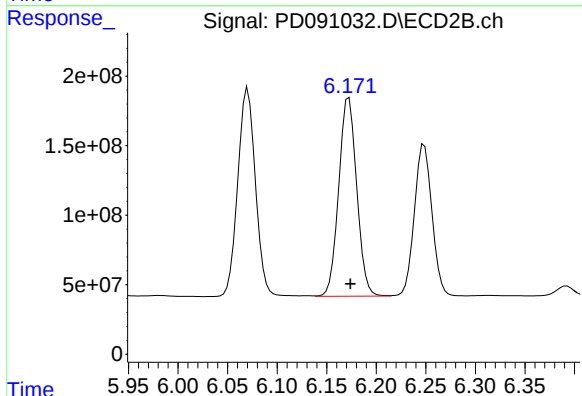
ClientSampleId :

PSTDCCC050

Manual Integrations

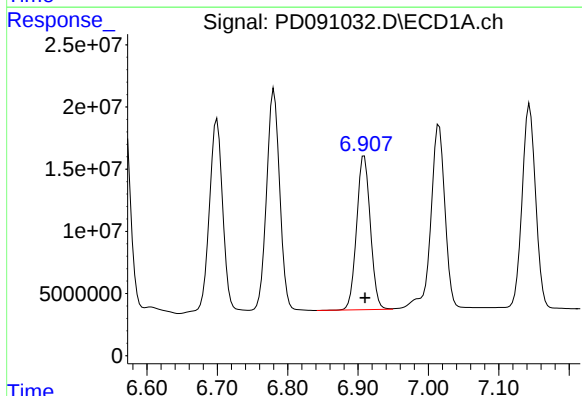
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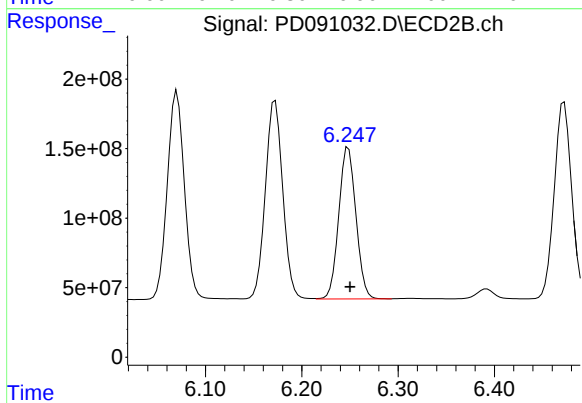
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 1803810990
Conc: 51.43 ng/ml



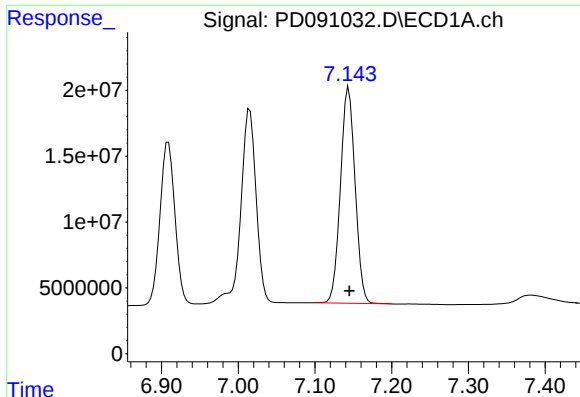
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 167922624
Conc: 45.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 1349280427
Conc: 48.72 ng/ml



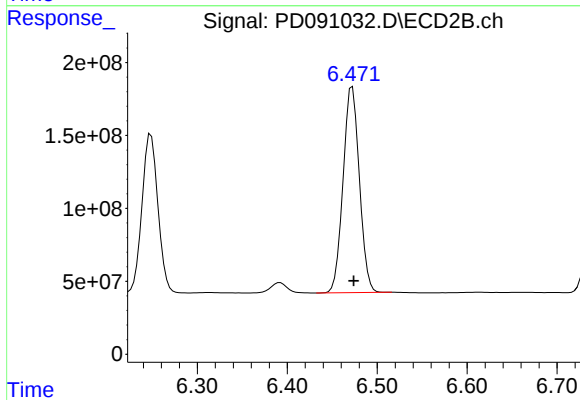
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 217512397
Conc: 46.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

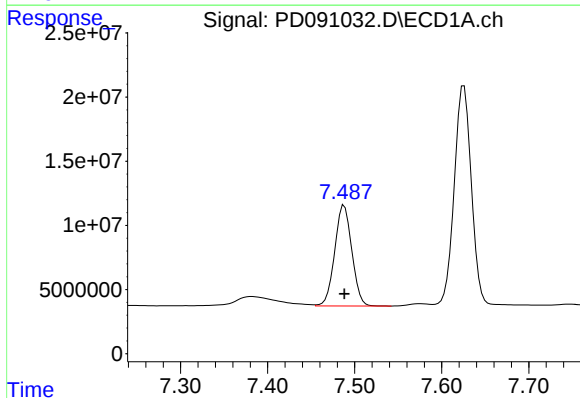
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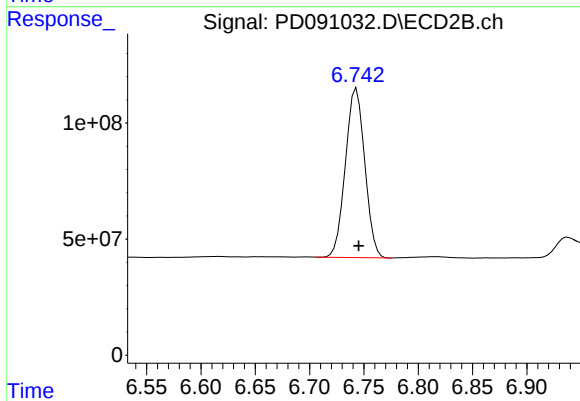
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: -0.001 min
Response: 1776770486
Conc: 49.57 ng/ml



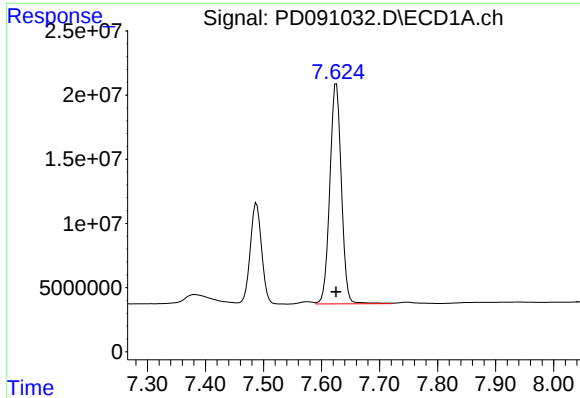
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 107336137
Conc: 50.50 ng/ml



#20 Methoxychlor

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 904426201
Conc: 51.90 ng/ml



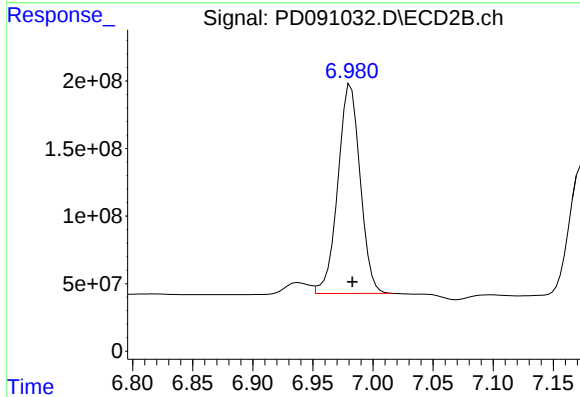
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 237006061
Conc: 48.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

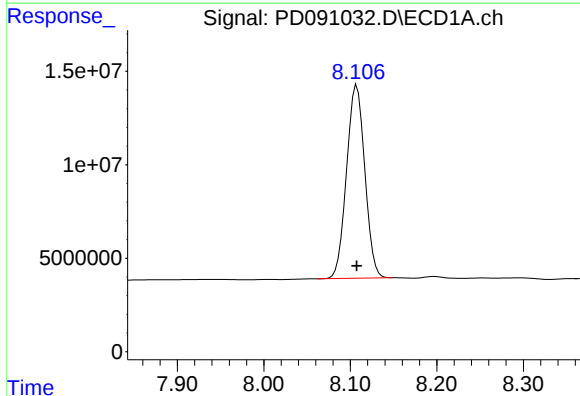
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Yogesh Patel 11/10/2025



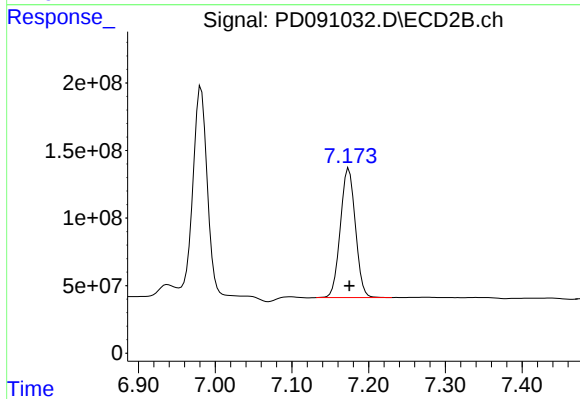
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 1996445487
Conc: 52.93 ng/ml m



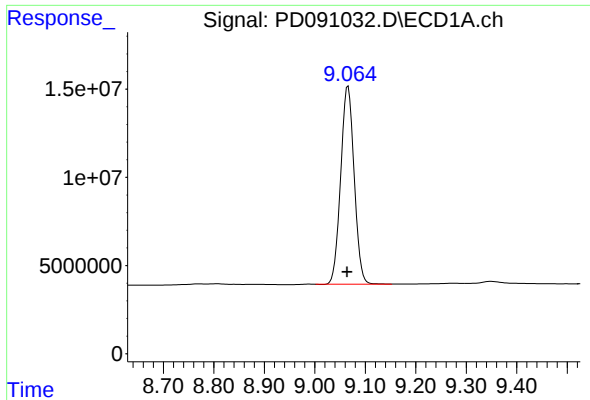
#22 Mirex

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 151155000
Conc: 47.22 ng/ml



#22 Mirex

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 1305235862
Conc: 50.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 208569331
Conc: 44.59 ng/ml

Instrument :

ECD_D

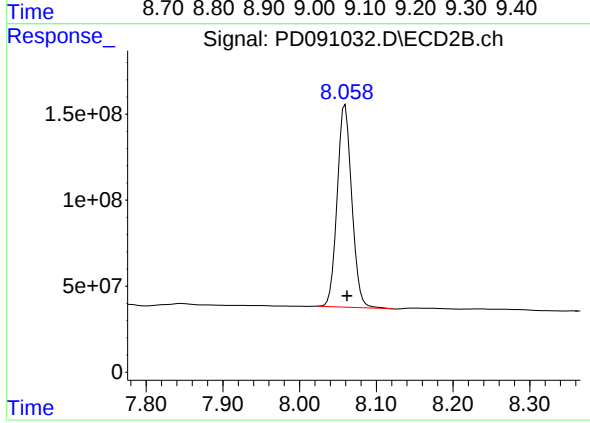
ClientSampleId :

PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 1558823387
Conc: 51.46 ng/ml