

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
 Data File : PD091559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2025 15:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 03:07:56 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...	3.541	2.871	150.5E6	1940.5E6	43.318	49.247
2)	SA Decachlor...	9.063	8.058	218.1E6	2176.0E6	41.961	52.548 #
Target Compounds							
2)	A alpha-BHC	3.990	3.383	355.7E6	3393.8E6	44.179	49.781
3)	MA gamma-BHC...	4.321	3.719	332.8E6	3119.3E6	44.275	55.475 #
4)	MA Heptachlor	4.919	4.071	326.2E6	3055.5E6	45.953	52.425
5)	MB Aldrin	5.260	4.356	321.5E6	3137.2E6	46.205	54.102
6)	B beta-BHC	4.509	4.016	126.1E6	1258.4E6	43.660	52.522
7)	B delta-BHC	4.757	4.251	331.2E6	3148.7E6	55.368	52.578
8)	B Heptachlo...	5.681	4.859	293.5E6	2722.5E6	47.399	53.808
9)	A Endosulfan I	6.064	5.234	270.9E6	2142.1E6	44.342	43.726
10)	B gamma-Chl...	5.936	5.111	288.7E6	2988.5E6	45.277	53.537m
11)	B alpha-Chl...	6.017	5.177	290.4E6	2860.2E6	43.240	53.410
12)	B 4,4'-DDE	6.186	5.360	252.0E6	2905.1E6	43.385	53.005m
13)	MA Dieldrin	6.337	5.500	288.7E6	2950.1E6	44.363	53.190
14)	MA Endrin	6.565	5.775	250.2E6	2952.0E6	44.609	56.467m#
15)	B Endosulfa...	6.778	6.068	256.1E6	2511.5E6	42.123	53.305 #
16)	A 4,4'-DDD	6.697	5.916	219.7E6	2479.5E6	47.729	54.509
17)	MA 4,4'-DDT	7.013	6.170	219.7E6	2529.0E6	42.605	53.356 #
18)	B Endrin al...	6.906	6.246	180.1E6	1879.0E6	43.123m	52.647
19)	B Endosulfa...	7.142	6.470	227.2E6	2436.8E6	43.028	52.866
20)	A Methoxychlor	7.486	6.740	114.2E6	1246.5E6	42.480	52.821
21)	B Endrin ke...	7.623	6.979	245.9E6	2591.6E6	43.648	53.278
22)	Mirex	8.105	7.171	160.2E6	1799.6E6	43.130	54.907 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121125\
Data File : PD091559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2025 15:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

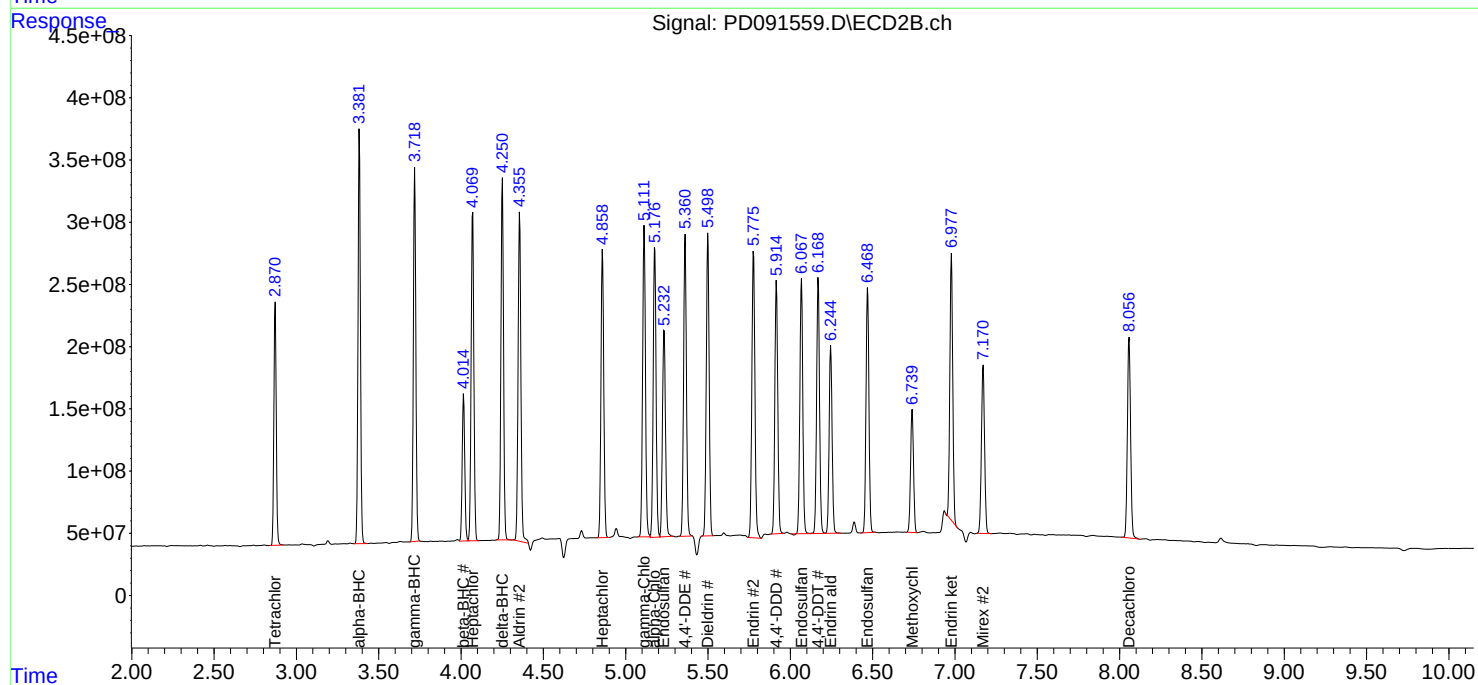
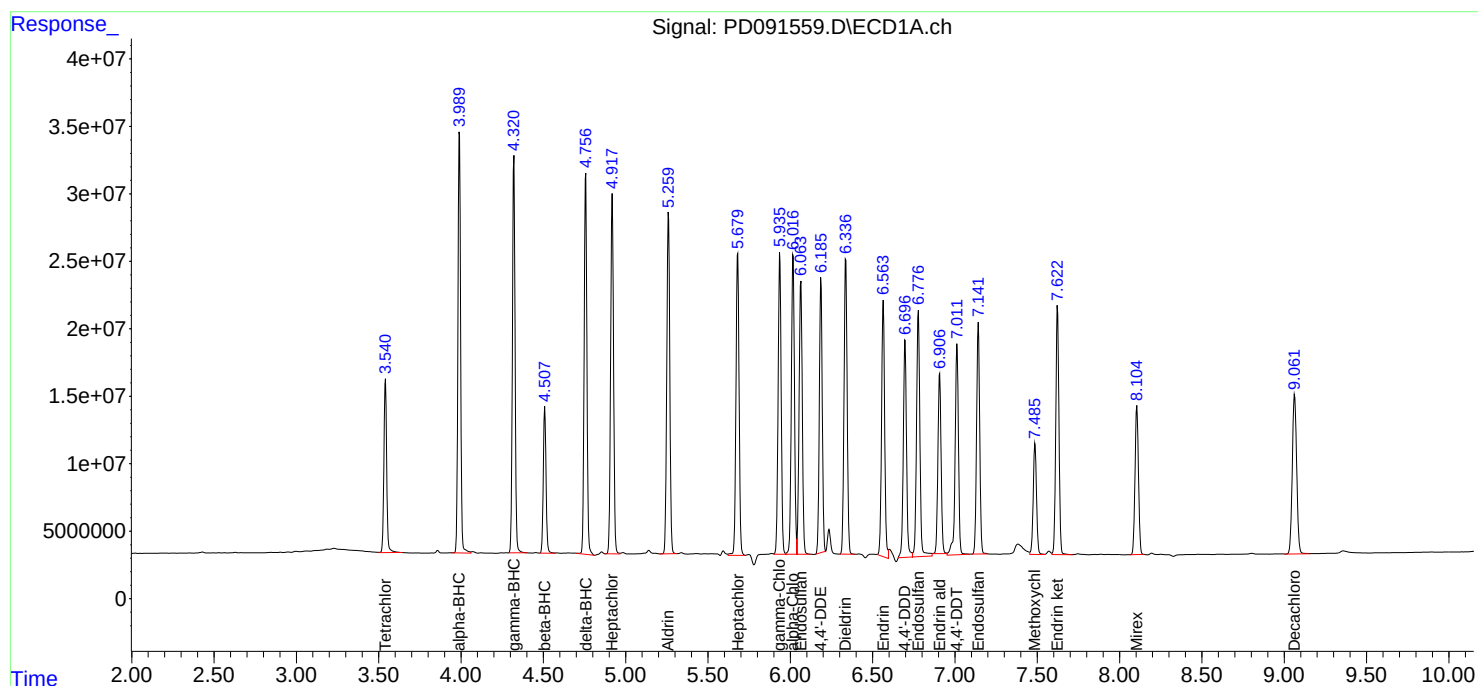
Manual Integrations

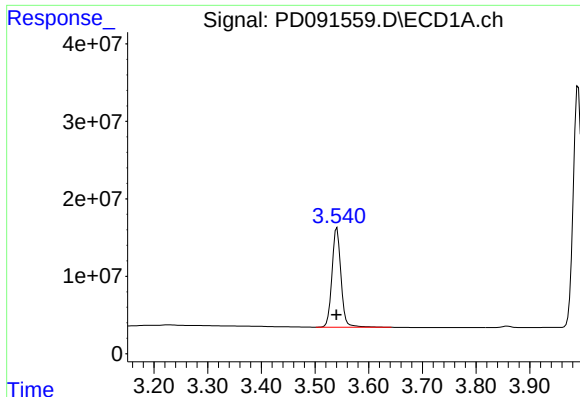
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 03:07:56 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.: 3.541 min
Delta R.T.: 0.000 min
Response: 150455470
Conc: 43.32 ng/ml

Instrument :

ECD_D

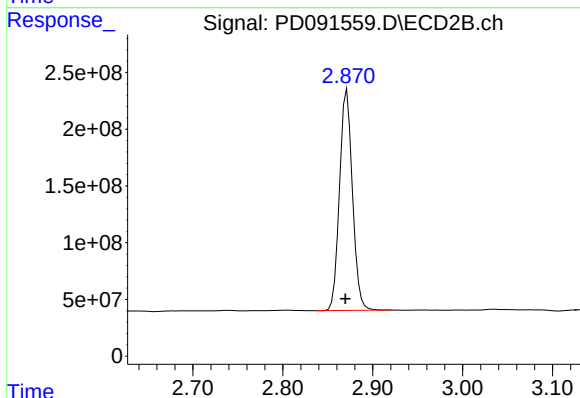
ClientSampleId :

PSTDCCC050

Manual Integrations

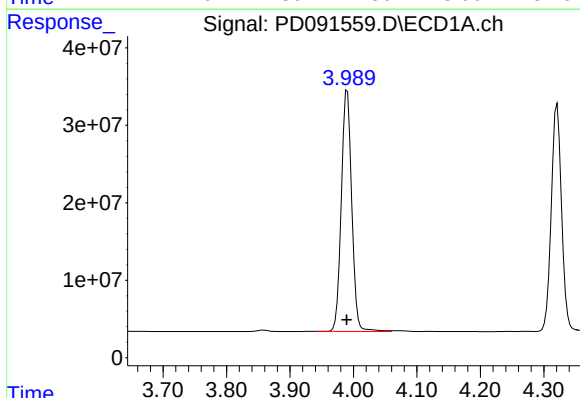
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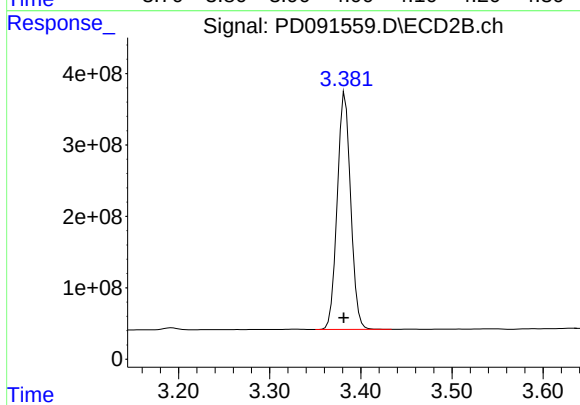
#1 Tetrachloro-m-xylene

R.T.: 2.871 min
Delta R.T.: 0.002 min
Response: 1940477971
Conc: 49.25 ng/ml



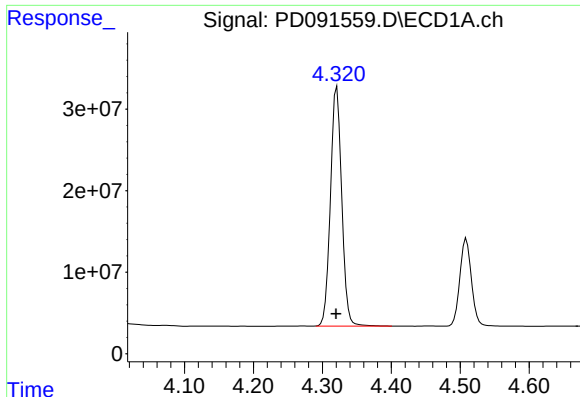
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 355681593
Conc: 44.18 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: 0.002 min
Response: 3393767350
Conc: 49.78 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: 0.001 min
Response: 332756947
Conc: 44.27 ng/ml

Instrument :

ECD_D

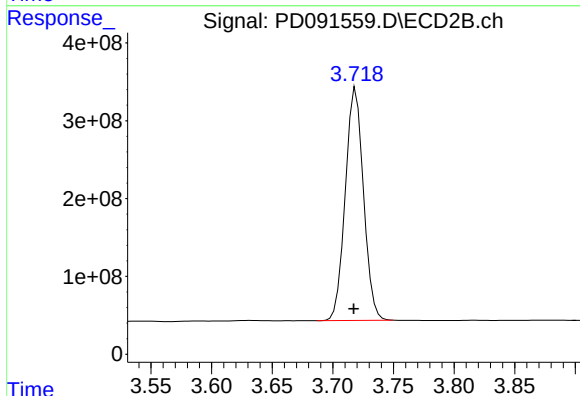
ClientSampleId :

PSTDCCC050

Manual Integrations

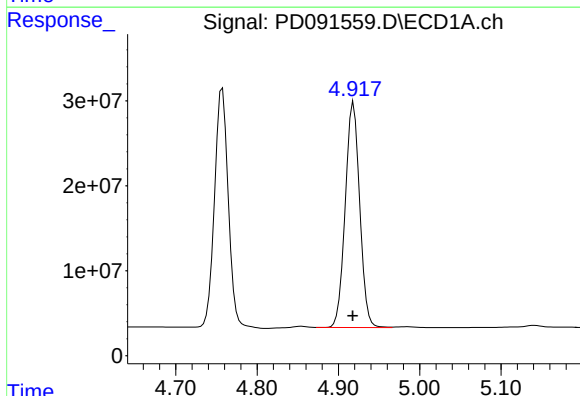
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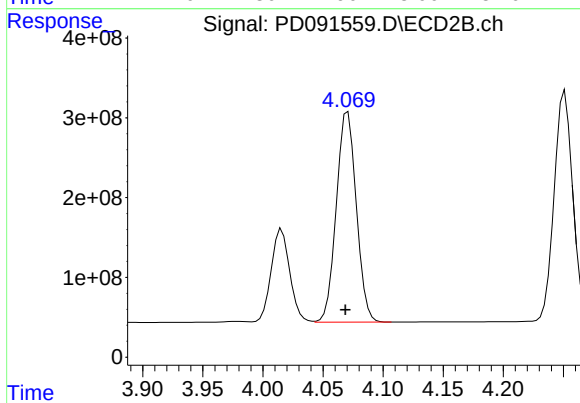
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: 0.002 min
Response: 3119328660
Conc: 55.48 ng/ml



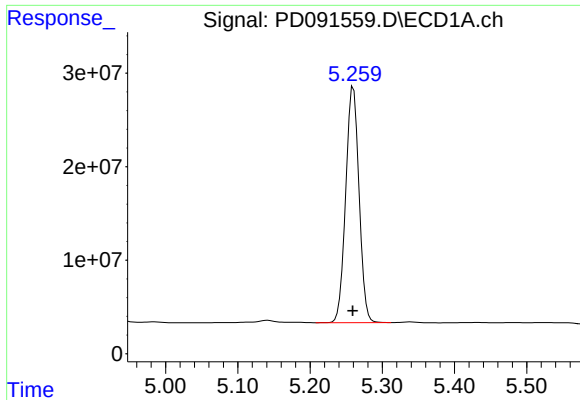
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.001 min
Response: 326216376
Conc: 45.95 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: 0.002 min
Response: 3055503797
Conc: 52.42 ng/ml



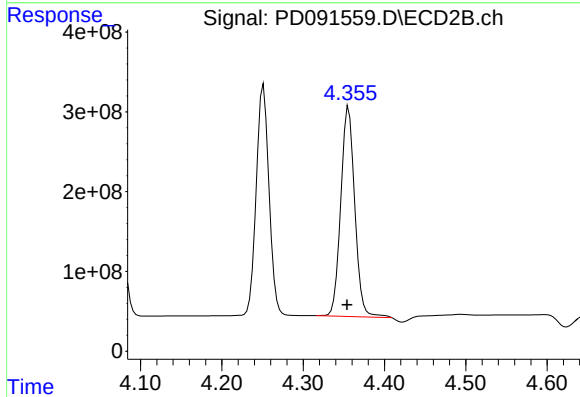
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: 0.001 min
Response: 321488592
Conc: 46.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

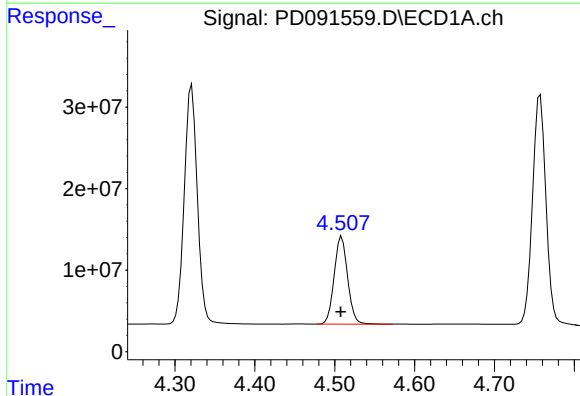
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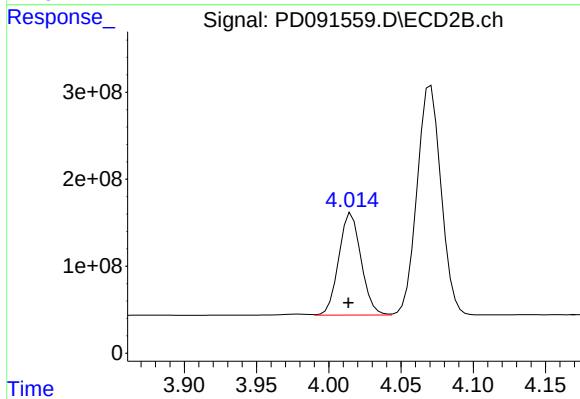
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: 0.002 min
Response: 3137184663
Conc: 54.10 ng/ml



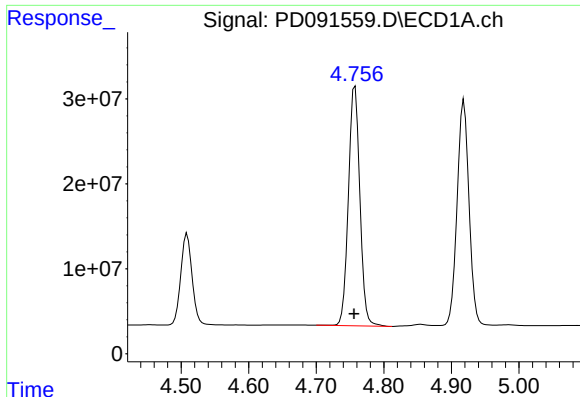
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: 0.001 min
Response: 126050906
Conc: 43.66 ng/ml



#6 beta-BHC

R.T.: 4.016 min
Delta R.T.: 0.002 min
Response: 1258367285
Conc: 52.52 ng/ml



#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: 0.001 min
Response: 331223436
Conc: 55.37 ng/ml

Instrument :

ECD_D

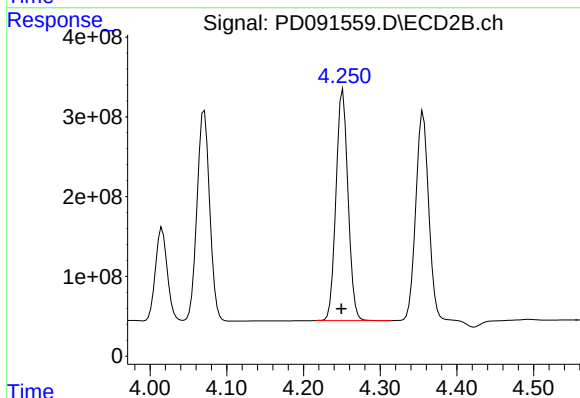
ClientSampleId :

PSTDCCC050

Manual Integrations

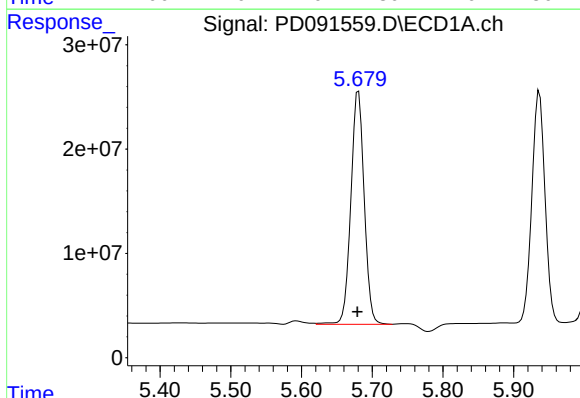
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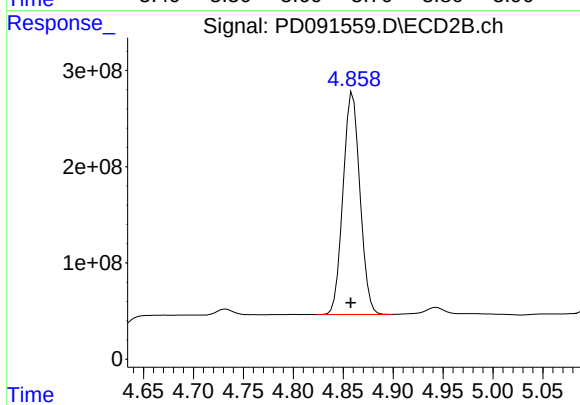
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: 0.002 min
Response: 3148703418
Conc: 52.58 ng/ml



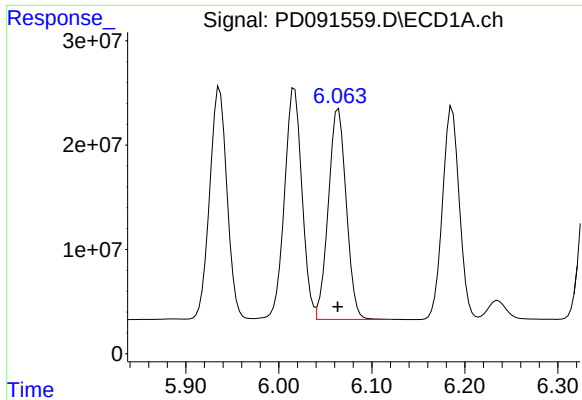
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.001 min
Response: 293510464
Conc: 47.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: 0.002 min
Response: 2722517467
Conc: 53.81 ng/ml



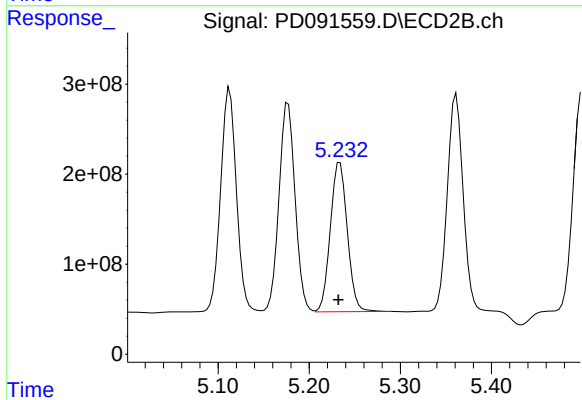
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 270922492
Conc: 44.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

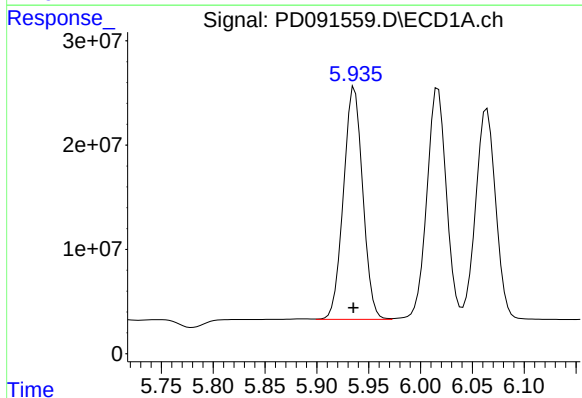
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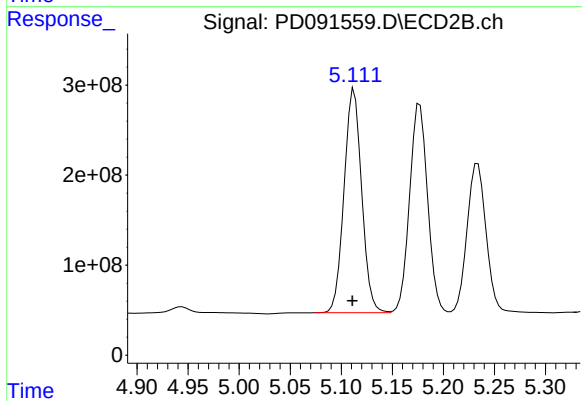
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: 0.002 min
Response: 2142088113
Conc: 43.73 ng/ml



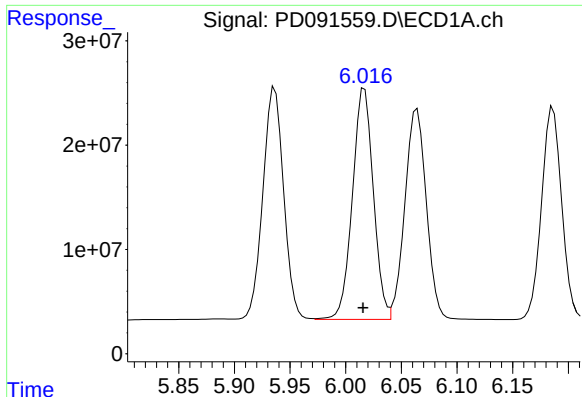
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: 0.001 min
Response: 288733464
Conc: 45.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 2988478563
Conc: 53.54 ng/ml m



#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.001 min
Response: 290406588
Conc: 43.24 ng/ml

Instrument :

ECD_D

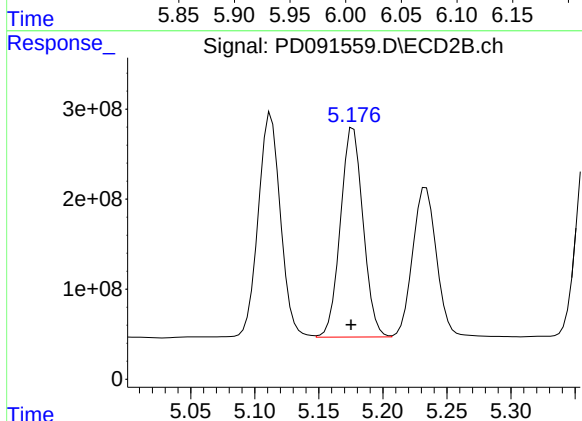
ClientSampleId :

PSTDCCC050

Manual Integrations

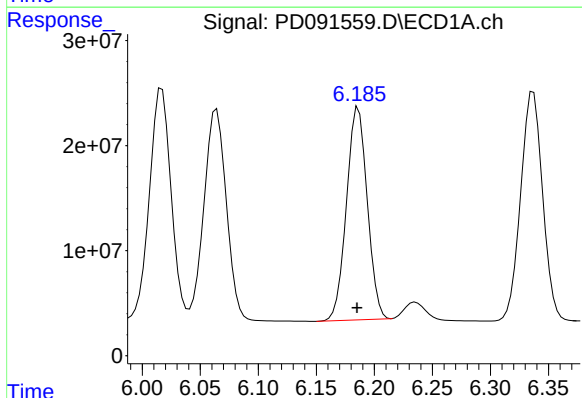
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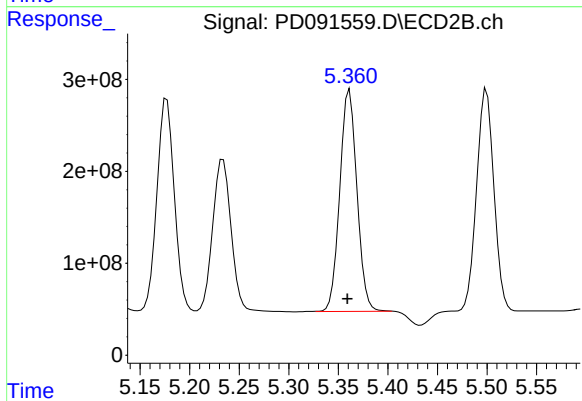
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: 0.002 min
Response: 2860181689
Conc: 53.41 ng/ml



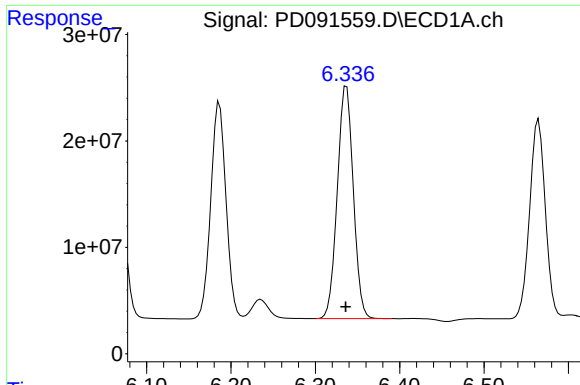
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: 0.001 min
Response: 252041809
Conc: 43.39 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 2905077697
Conc: 53.01 ng/ml m



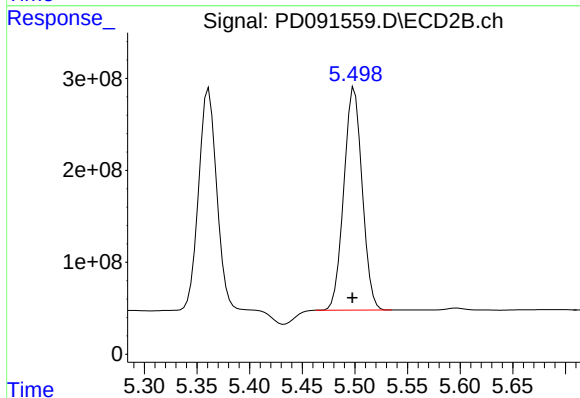
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 288661562
Conc: 44.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

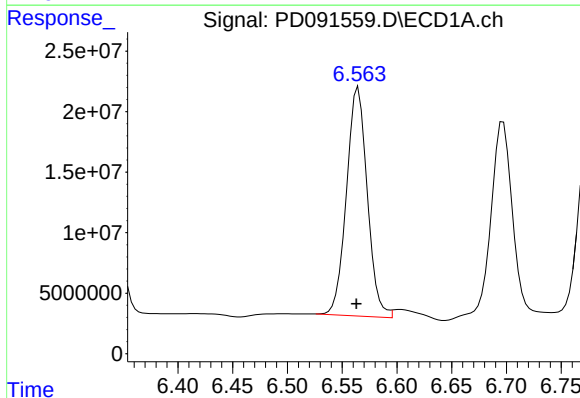
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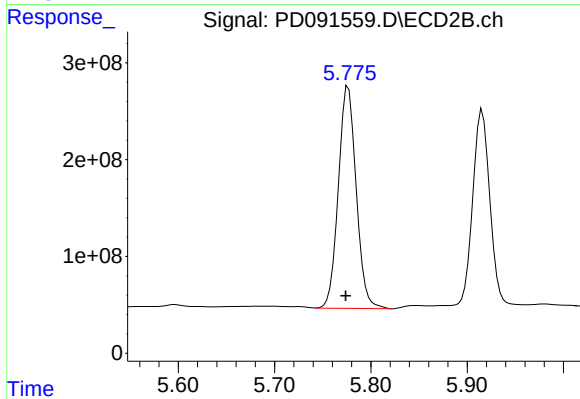
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: 0.002 min
Response: 2950129343
Conc: 53.19 ng/ml



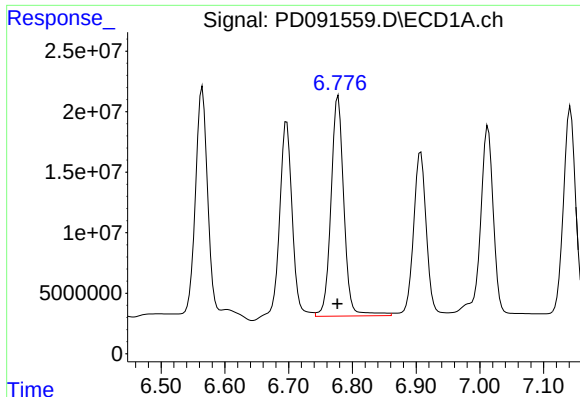
#14 Endrin

R.T.: 6.565 min
Delta R.T.: 0.002 min
Response: 250174446
Conc: 44.61 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.001 min
Response: 2951968775
Conc: 56.47 ng/ml m



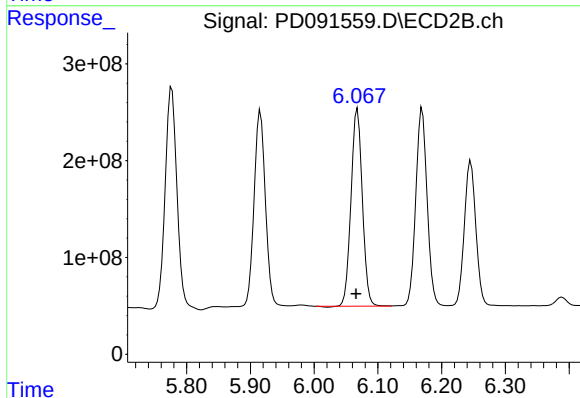
#15 Endosulfan II

R.T.: 6.778 min
Delta R.T.: 0.001 min
Response: 256141328
Conc: 42.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

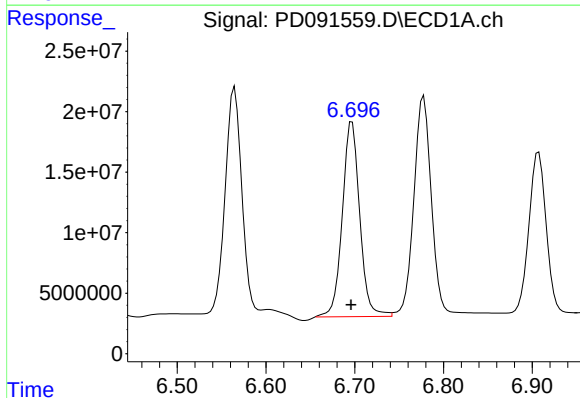
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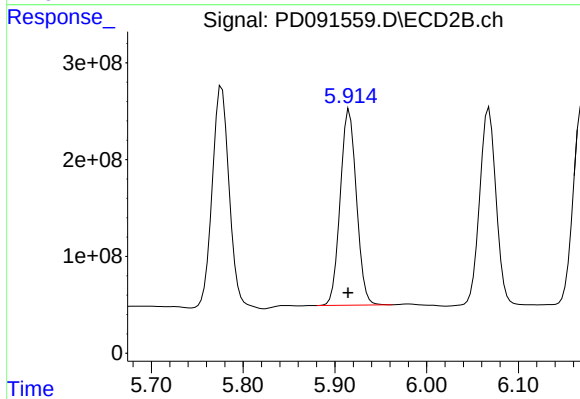
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 2511457304
Conc: 53.31 ng/ml



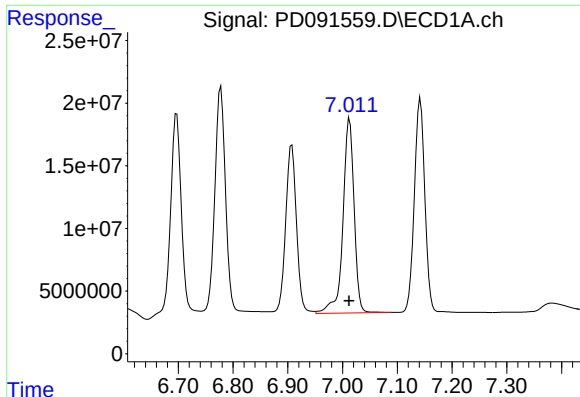
#16 4,4'-DDD

R.T.: 6.697 min
Delta R.T.: 0.001 min
Response: 219687888
Conc: 47.73 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: 0.002 min
Response: 2479480767
Conc: 54.51 ng/ml



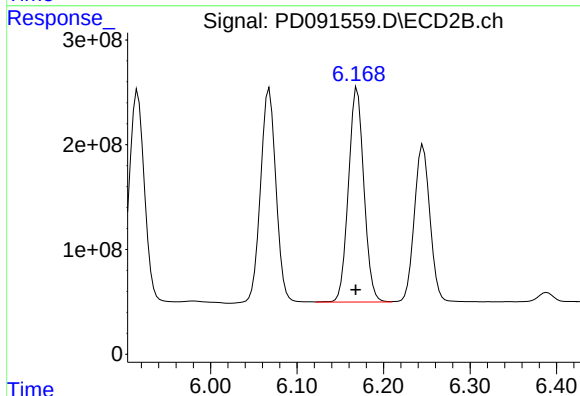
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: 0.001 min
Response: 219691201
Conc: 42.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

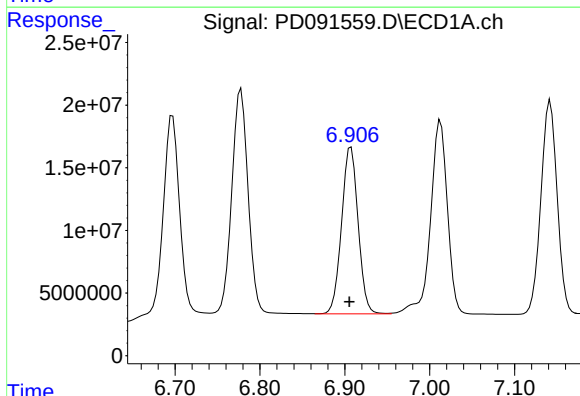
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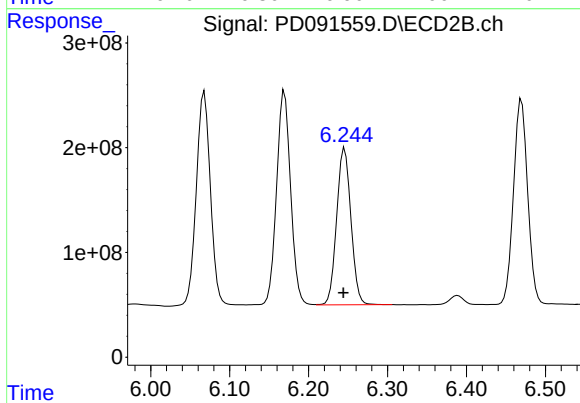
#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.002 min
Response: 2529000689
Conc: 53.36 ng/ml



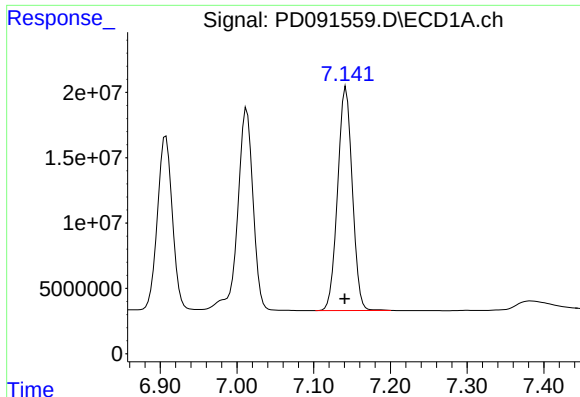
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 180141233
Conc: 43.12 ng/ml m



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: 0.002 min
Response: 1879020913
Conc: 52.65 ng/ml



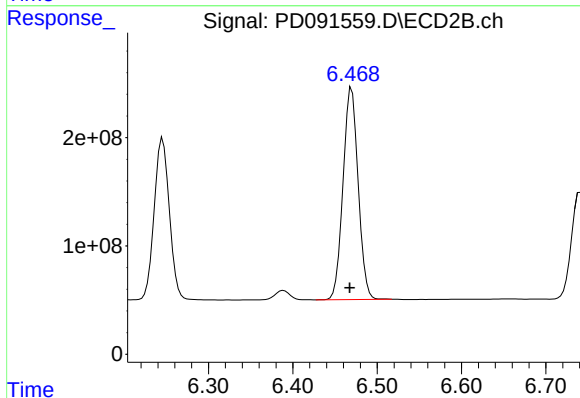
#19 Endosulfan Sulfate

R.T.: 7.142 min
Delta R.T.: 0.002 min
Response: 227156904
Conc: 43.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

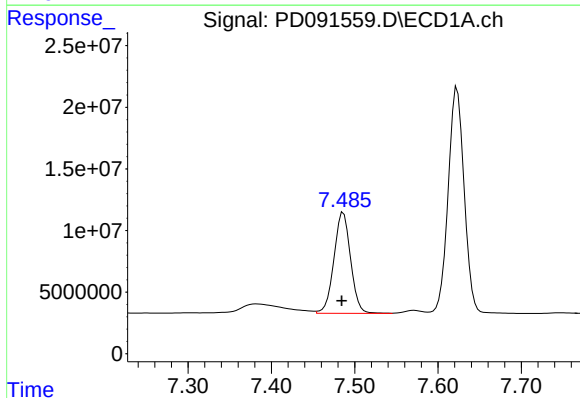
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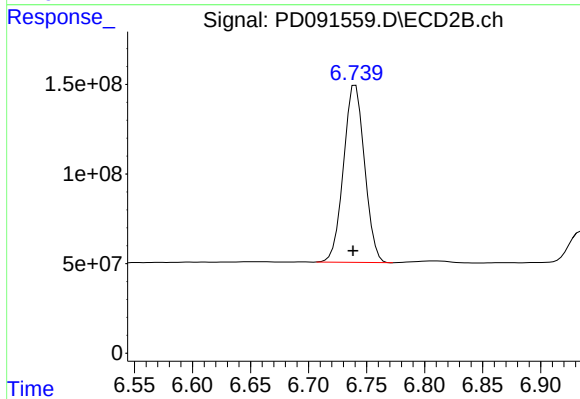
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 2436783014
Conc: 52.87 ng/ml



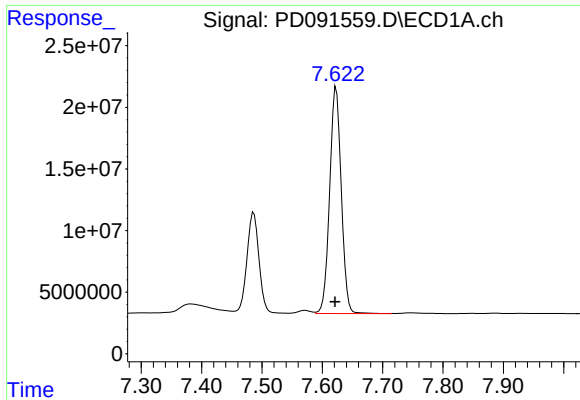
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: 0.002 min
Response: 114184409
Conc: 42.48 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: 0.002 min
Response: 1246471220
Conc: 52.82 ng/ml



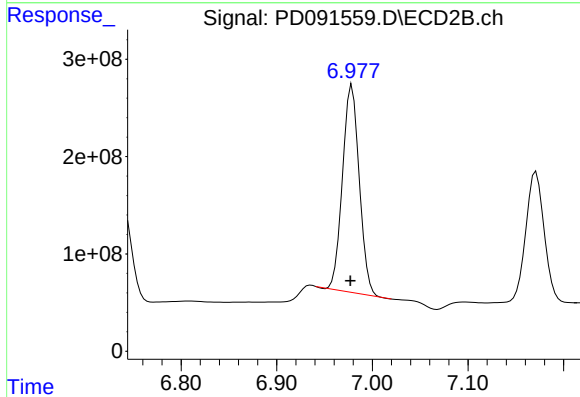
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: 0.002 min
Response: 245906025
Conc: 43.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

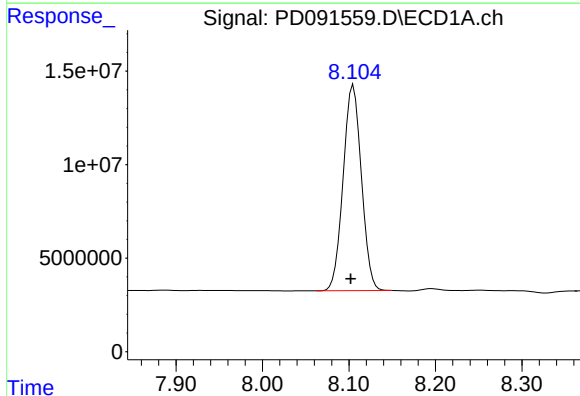
Manual Integrations
APPROVED

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



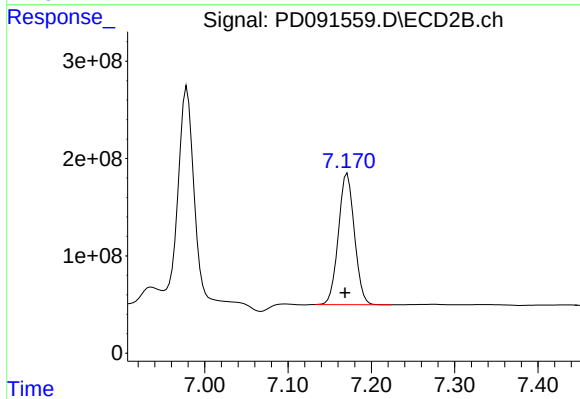
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.002 min
Response: 2591616907
Conc: 53.28 ng/ml



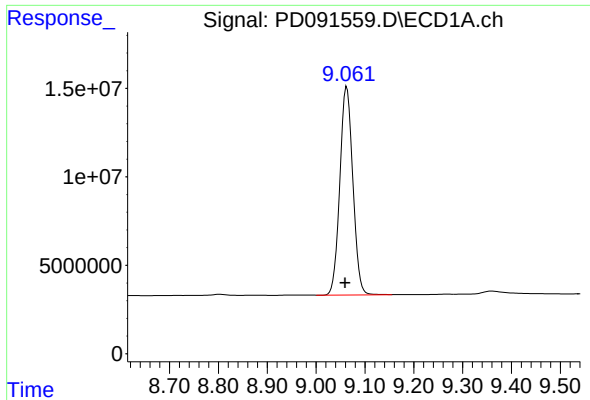
#22 Mirex

R.T.: 8.105 min
Delta R.T.: 0.003 min
Response: 160248250
Conc: 43.13 ng/ml



#22 Mirex

R.T.: 7.171 min
Delta R.T.: 0.003 min
Response: 1799590268
Conc: 54.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.004 min
Response: 218114260
Conc: 41.96 ng/ml

Instrument :

ECD_D

ClientSampleId :

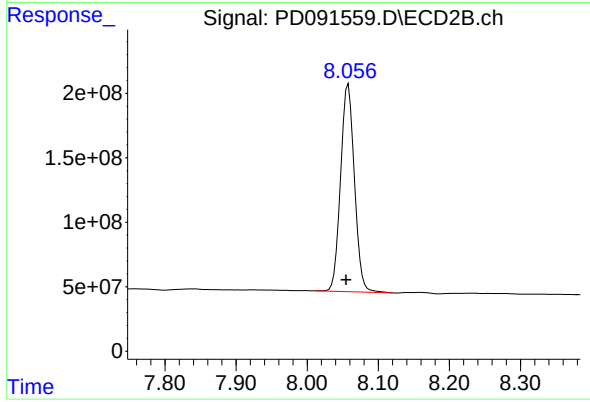
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.003 min
Response: 2176043330
Conc: 52.55 ng/ml