

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 14:21
 Operator : AR\AJ
 Sample : PB170628BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170628BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/20/2025
 Supervised By : Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 01:29:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 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	2.872	80762400	925.0E6	23.419	25.253
28)	SA Decachlor...	9.058	8.055	132.8E6	1162.3E6	26.661	29.369
Target Compounds							
2)	A alpha-BHC	3.990	3.383	386.6E6	3153.4E6	48.348	49.893
3)	MA gamma-BHC...	4.321	3.719	362.0E6	2908.2E6	48.444	50.297
4)	MA Heptachlor	4.919	4.070	354.9E6	2827.3E6	49.554	51.210
5)	MB Aldrin	5.260	4.355	350.0E6	2871.3E6	48.229	50.857
6)	B beta-BHC	4.509	4.015	134.9E6	1202.0E6	46.446	50.027
7)	B delta-BHC	4.757	4.251	364.1E6	2945.3E6	48.986	50.366
8)	B Heptachlo...	5.678	4.859	309.7E6	2585.4E6	47.670m	50.735
9)	A Endosulfan I	6.064	5.233	295.1E6	2461.4E6	48.038	51.438
10)	B gamma-Chl...	5.936	5.111	314.5E6	2838.4E6	48.379	51.959
11)	B alpha-Chl...	6.016	5.176	315.1E6	2699.1E6	45.778	51.578
12)	B 4,4'-DDE	6.186	5.361	282.0E6	2734.4E6	48.631	51.165
13)	MA Dieldrin	6.337	5.499	315.6E6	2789.9E6	48.819	51.369
14)	MA Endrin	6.564	5.775	257.8E6	2431.0E6	51.933	53.792
15)	B Endosulfa...	6.777	6.067	269.8E6	2389.4E6	48.522	51.187
16)	A 4,4'-DDD	6.696	5.916	223.1E6	2328.9E6	45.425	47.657
17)	MA 4,4'-DDT	7.012	6.169	227.3E6	2330.1E6	54.974	59.544
18)	B Endrin al...	6.906	6.245	199.9E6	1833.0E6	47.975	51.943
19)	B Endosulfa...	7.141	6.469	247.1E6	2323.5E6	48.031	51.823
20)	A Methoxychlor	7.484	6.739	116.4E6	1161.9E6	53.533	57.948
21)	B Endrin ke...	7.621	6.977	265.8E6	2594.6E6	47.190	50.919
22)	Mirex	8.103	7.169	170.5E6	1724.6E6	47.930	52.039

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 14:21
Operator : AR\AJ
Sample : PB170628BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170628BS

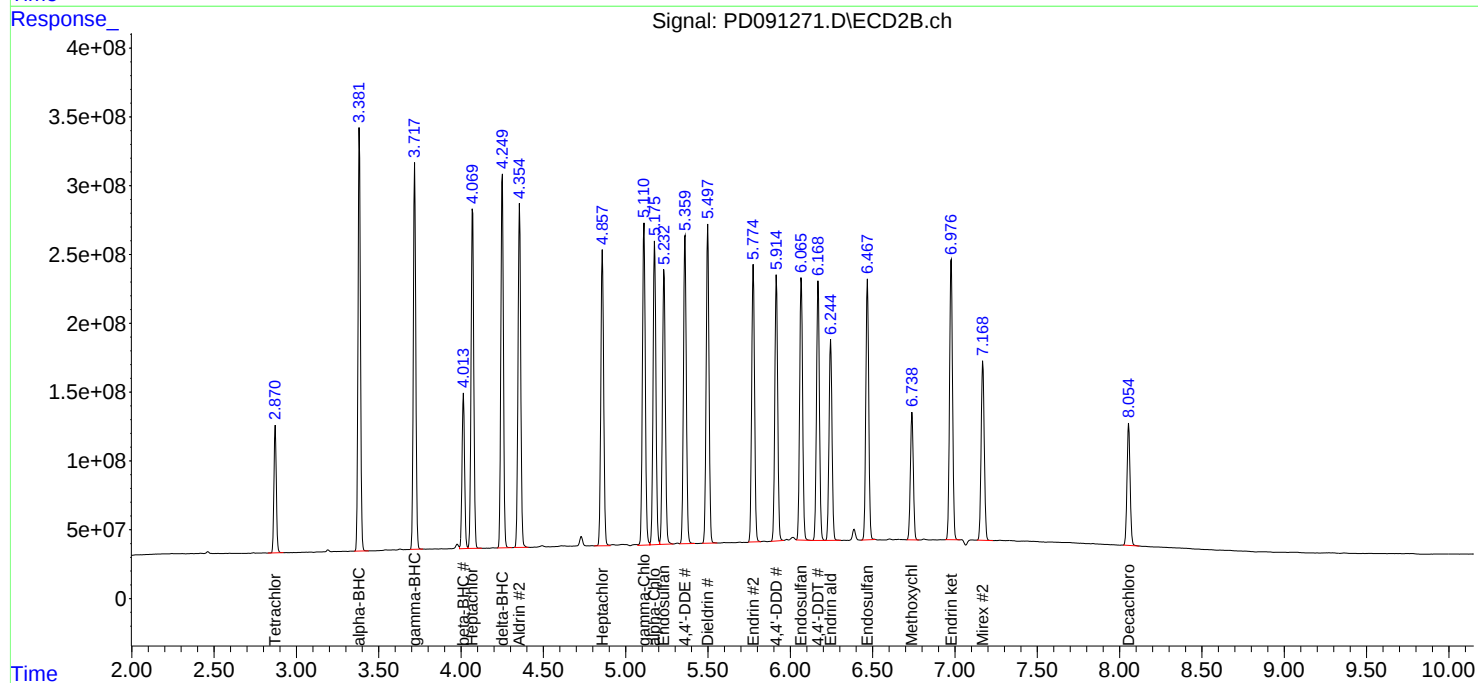
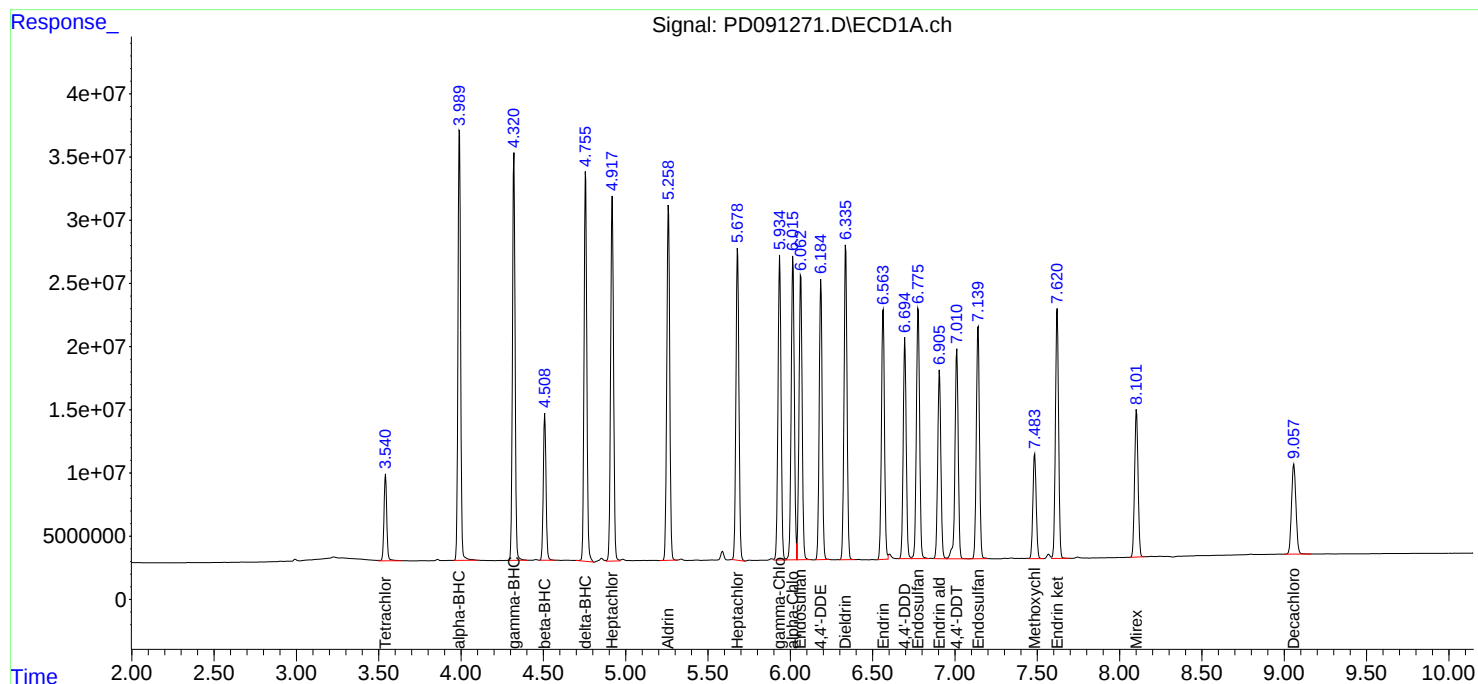
Manual Integrations

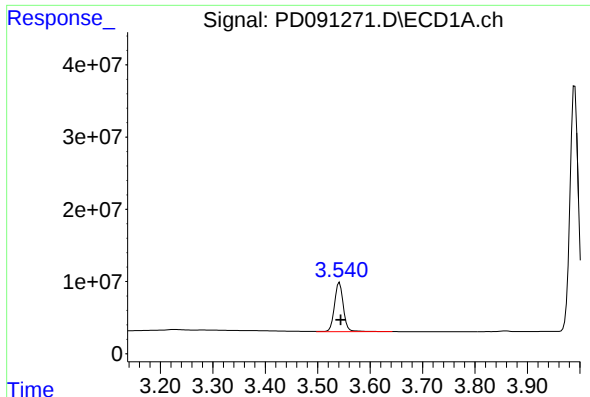
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Supervised By :Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:29:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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.: -0.003 min
Response: 80762400
Conc: 23.42 ng/ml

Instrument :

ECD_D

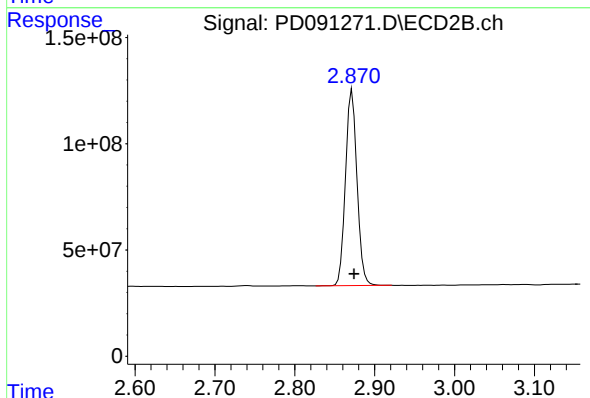
ClientSampleId :

PB170628BS

Manual Integrations

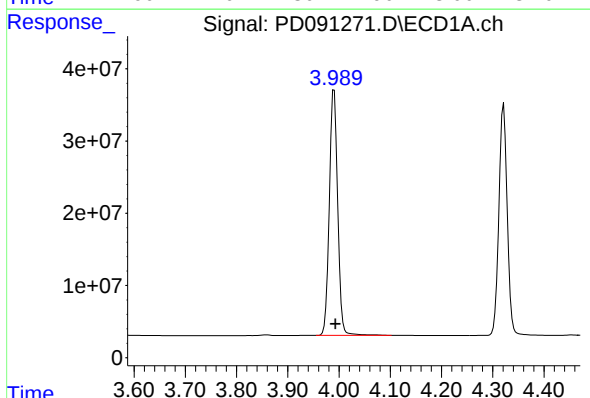
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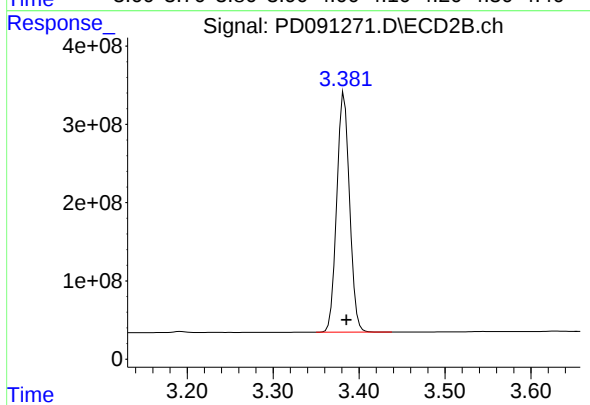
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 925017293
Conc: 25.25 ng/ml



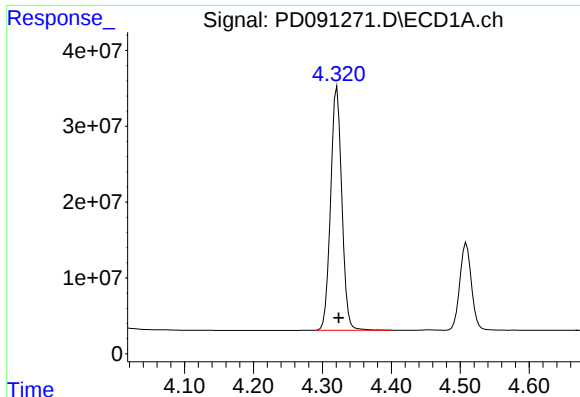
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 386569240
Conc: 48.35 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.003 min
Response: 3153386425
Conc: 49.89 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 362017910
Conc: 48.44 ng/ml

Instrument :

ECD_D

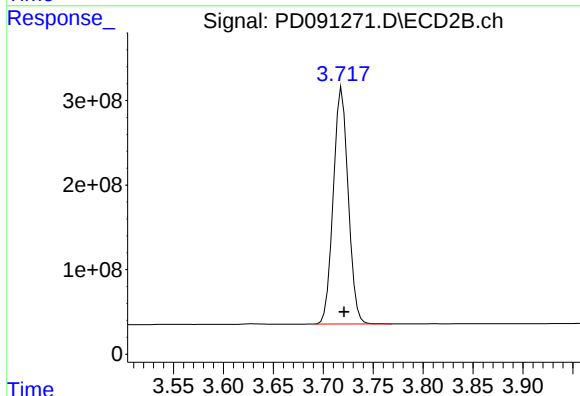
ClientSampleId :

PB170628BS

Manual Integrations

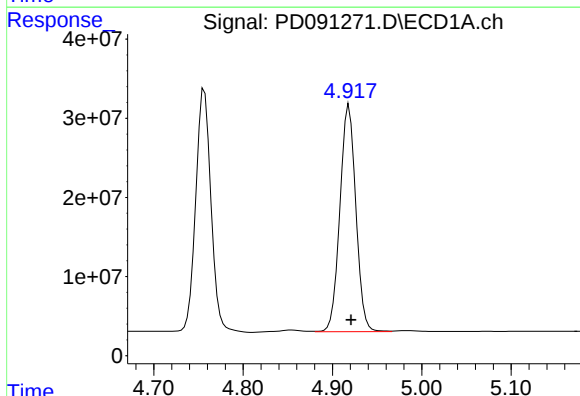
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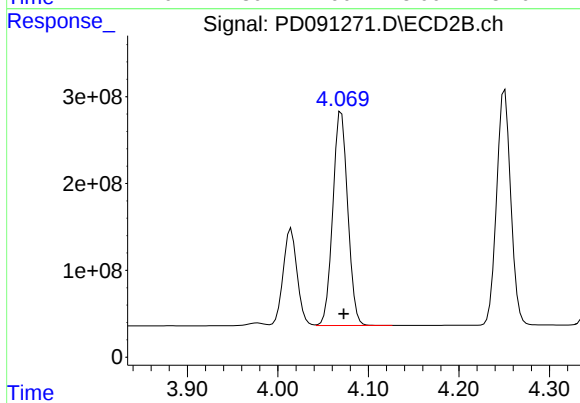
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 2908225724
Conc: 50.30 ng/ml



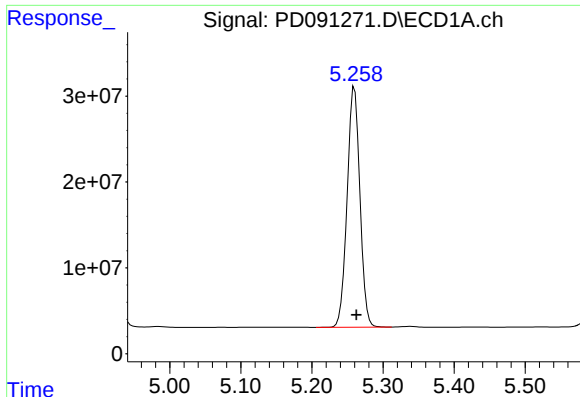
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 354894033
Conc: 49.55 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.002 min
Response: 2827252269
Conc: 51.21 ng/ml



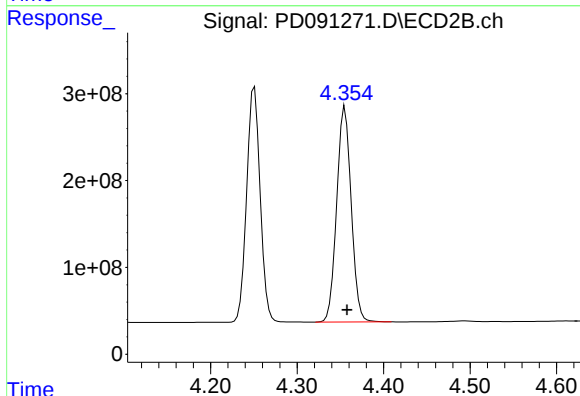
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 349965805
Conc: 48.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS

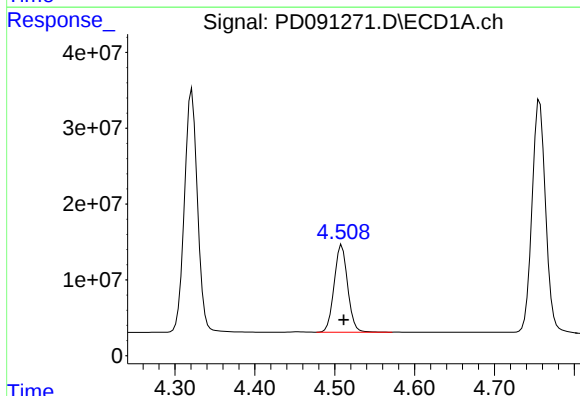
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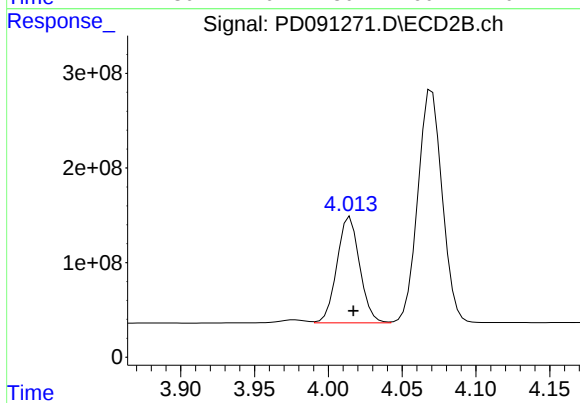
#5 Aldrin

R.T.: 4.355 min
Delta R.T.: -0.002 min
Response: 2871287241
Conc: 50.86 ng/ml



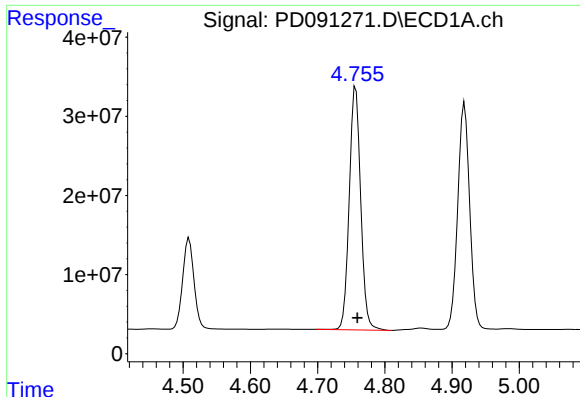
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 134948477
Conc: 46.45 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1202007808
Conc: 50.03 ng/ml



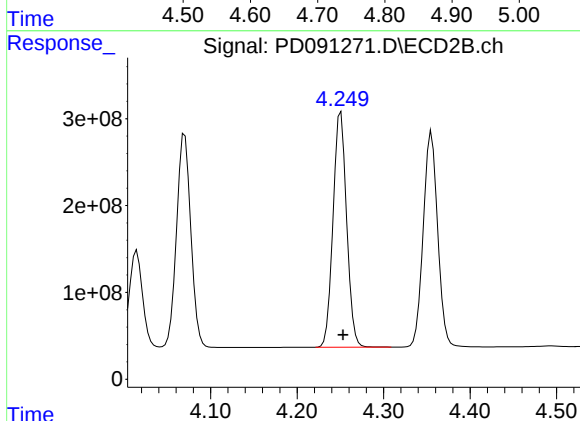
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 364068957
Conc: 48.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS

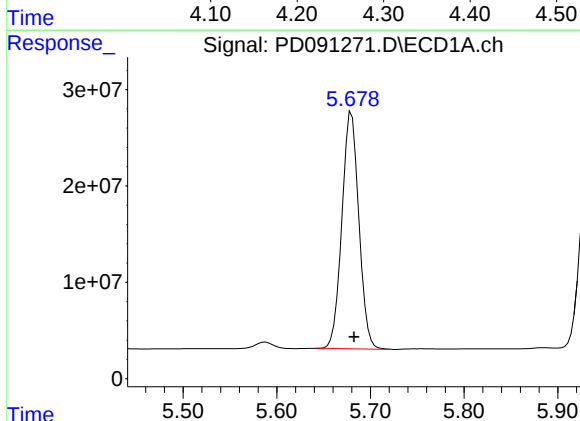
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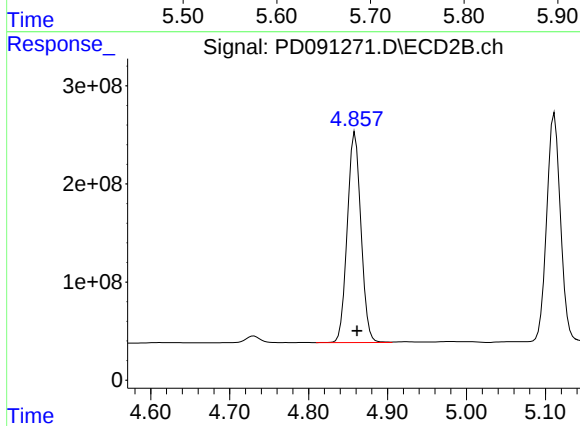
#7 delta-BHC

R.T.: 4.251 min
Delta R.T.: -0.002 min
Response: 2945269486
Conc: 50.37 ng/ml



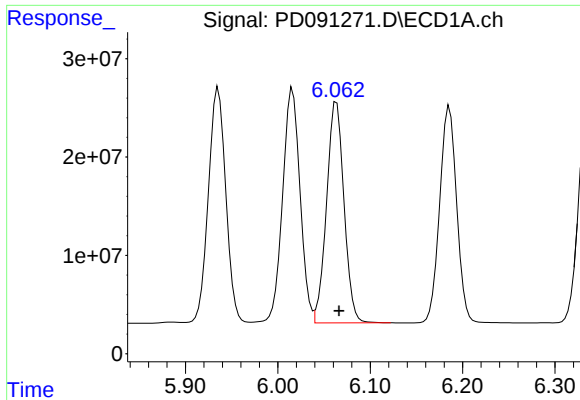
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.004 min
Response: 309699247
Conc: 47.67 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 2585395849
Conc: 50.74 ng/ml



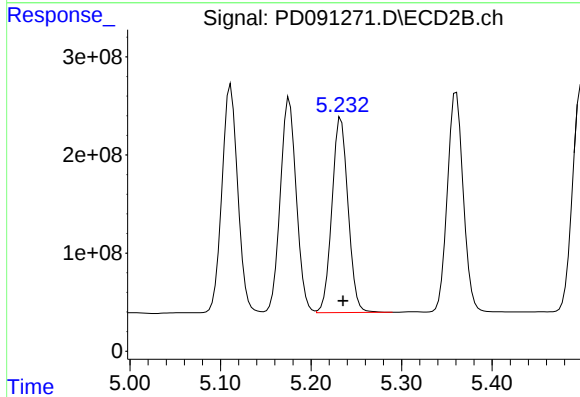
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 295099306
Conc: 48.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS

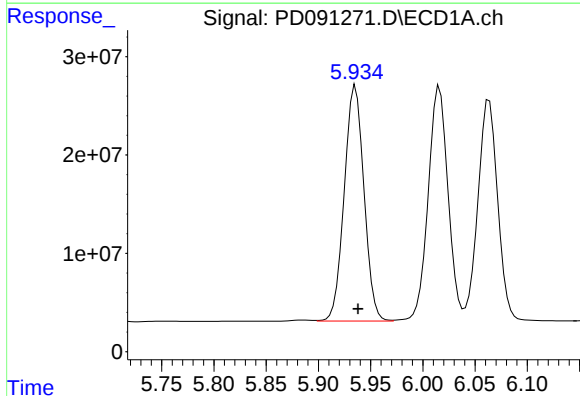
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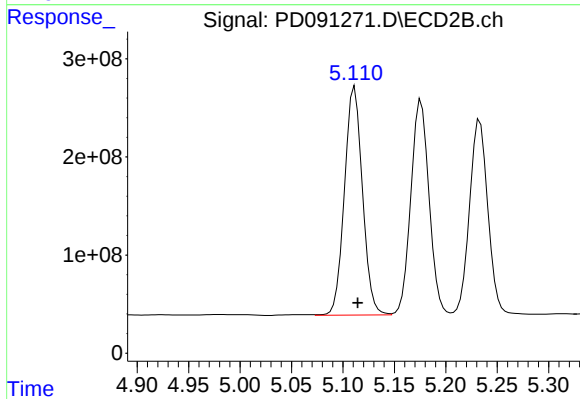
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 2461413568
Conc: 51.44 ng/ml



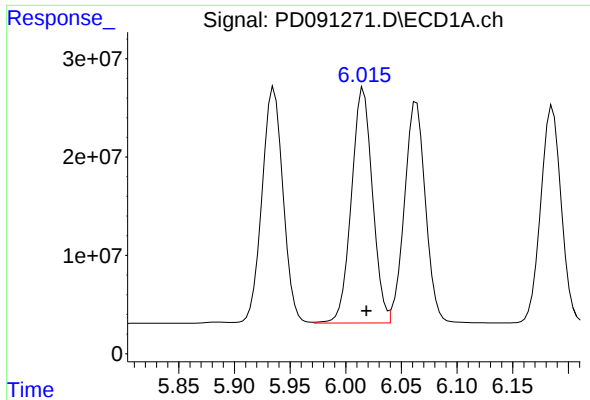
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 314503501
Conc: 48.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.003 min
Response: 2838372290
Conc: 51.96 ng/ml



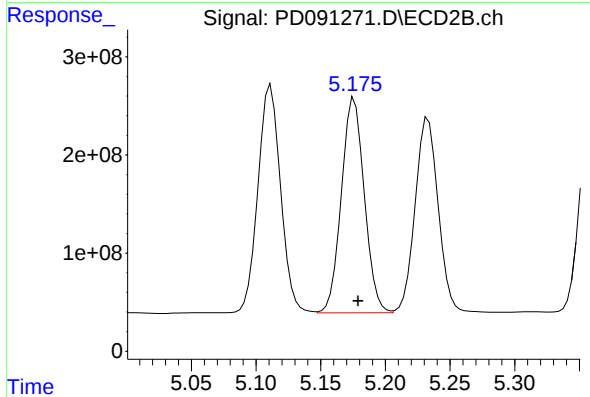
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.003 min
Response: 315083491
Conc: 45.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS

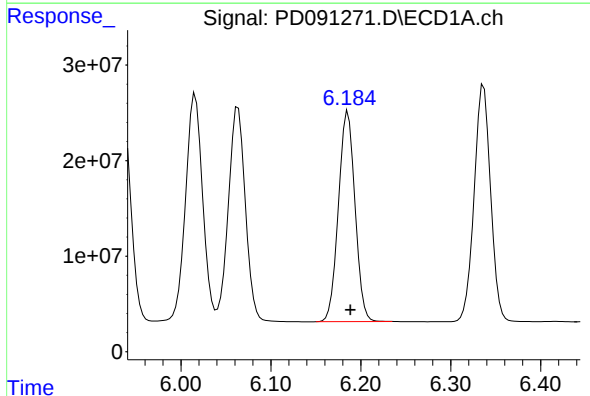
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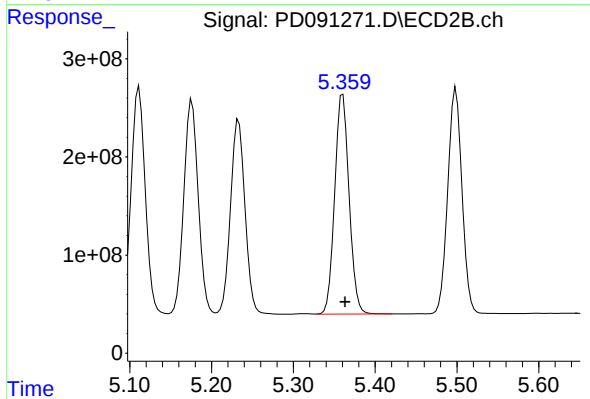
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 2699141724
Conc: 51.58 ng/ml



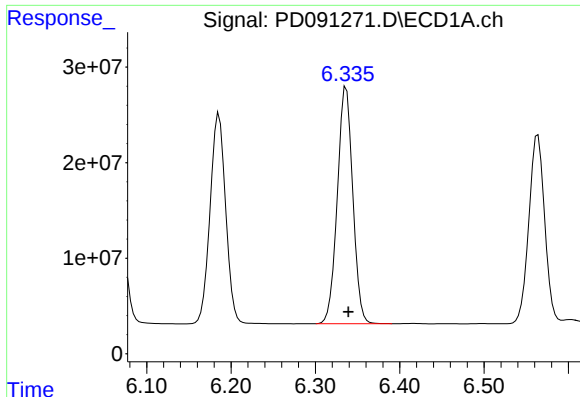
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 282032315
Conc: 48.63 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 2734393120
Conc: 51.17 ng/ml



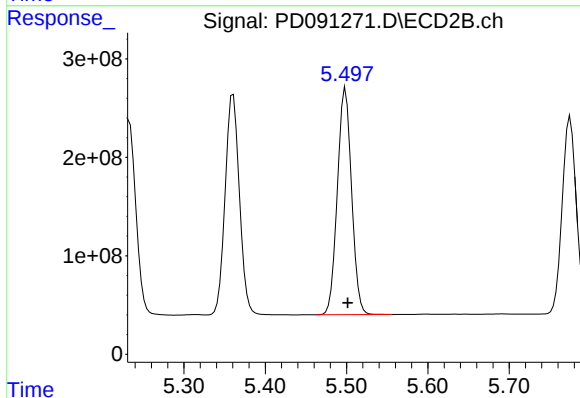
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 315611649
Conc: 48.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS

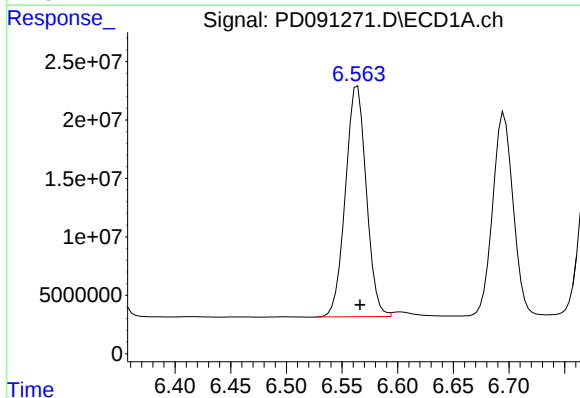
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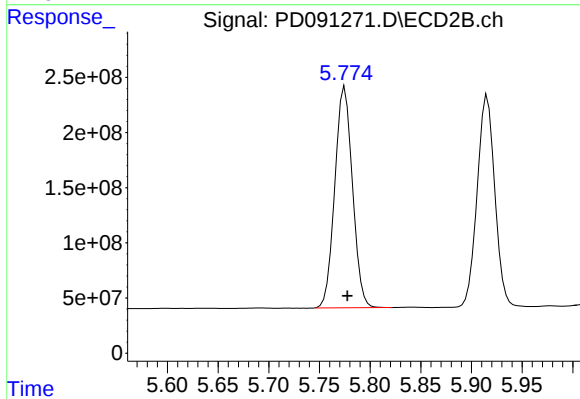
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 2789913548
Conc: 51.37 ng/ml



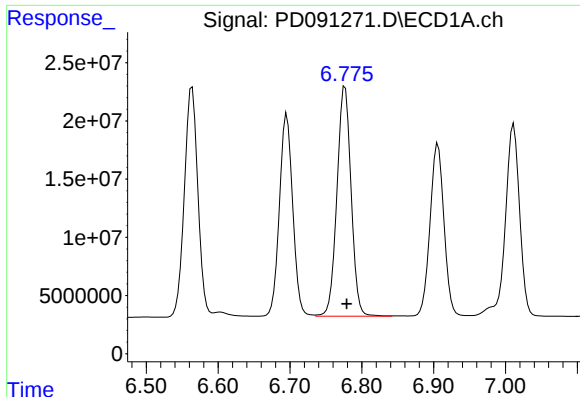
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 257768487
Conc: 51.93 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 2431005595
Conc: 53.79 ng/ml



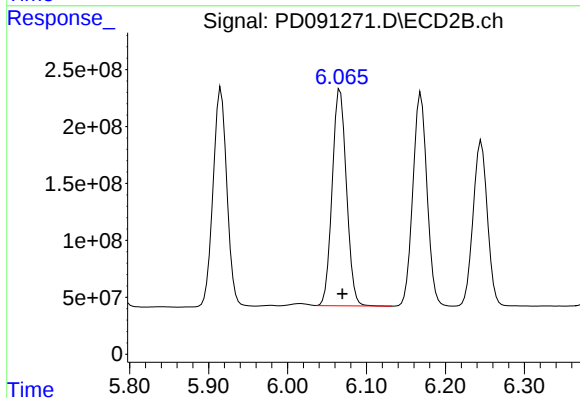
#15 Endosulfan II

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 269752379
Conc: 48.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS

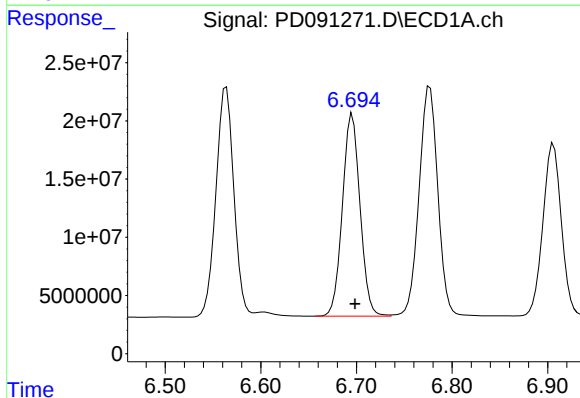
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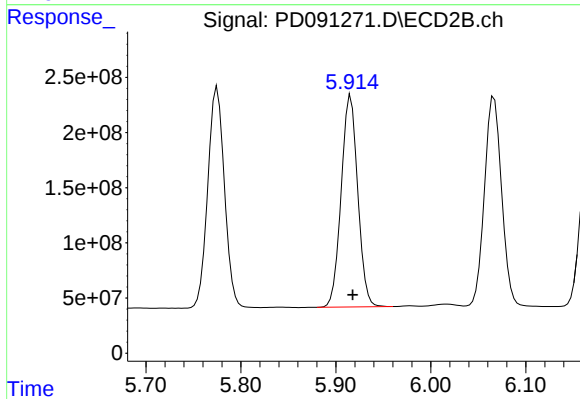
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 2389406087
Conc: 51.19 ng/ml



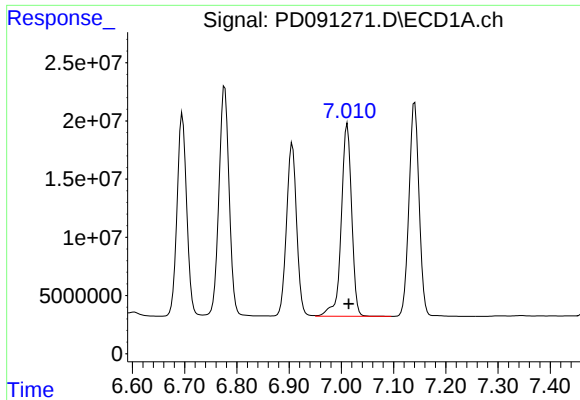
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.003 min
Response: 223104411
Conc: 45.42 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 2328945474
Conc: 47.66 ng/ml



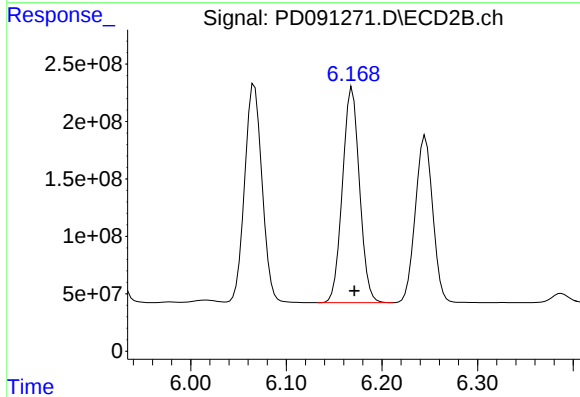
#17 4,4'-DDT

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 227345212
Conc: 54.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS

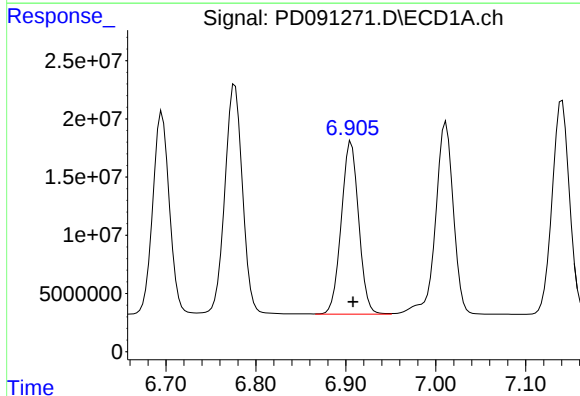
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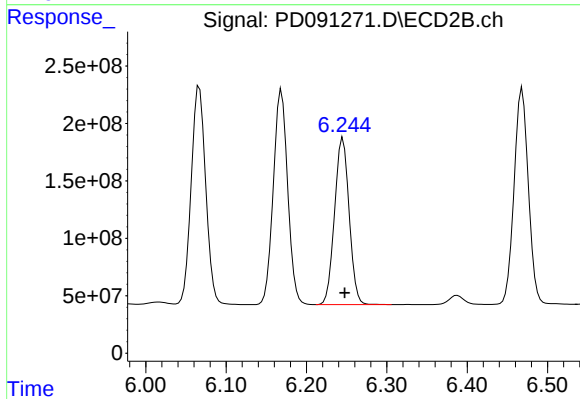
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 2330119752
Conc: 59.54 ng/ml



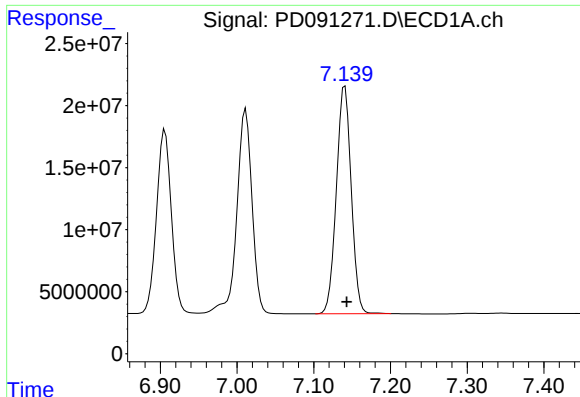
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 199866133
Conc: 47.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 1833014098
Conc: 51.94 ng/ml



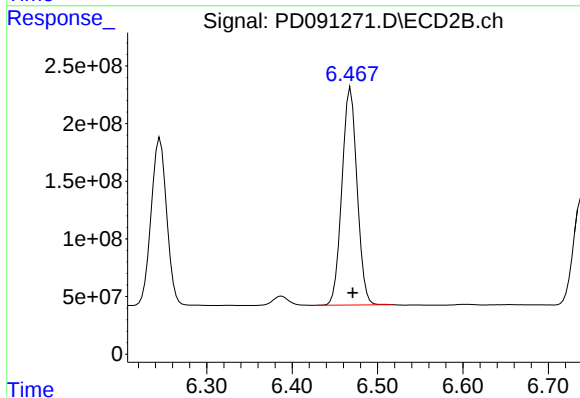
#19 Endosulfan Sulfate

R.T.: 7.141 min
Delta R.T.: -0.003 min
Response: 247108079
Conc: 48.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS

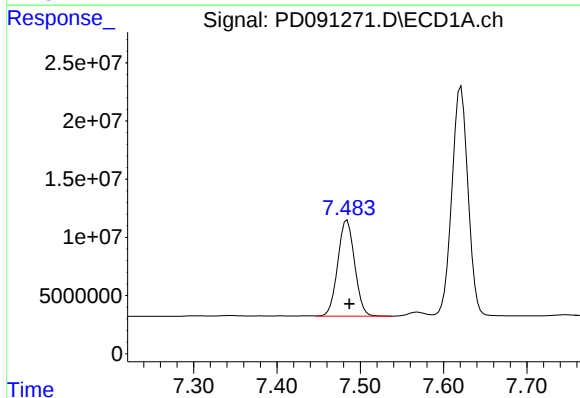
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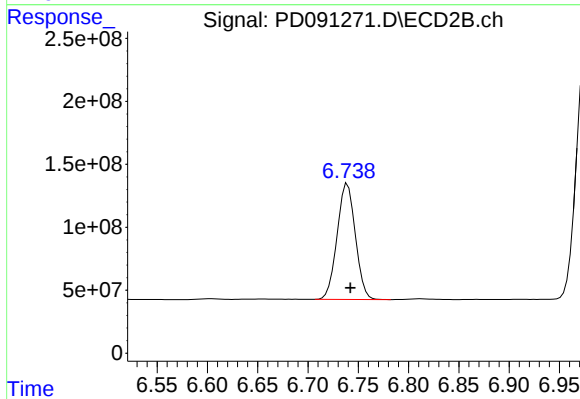
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 2323487298
Conc: 51.82 ng/ml



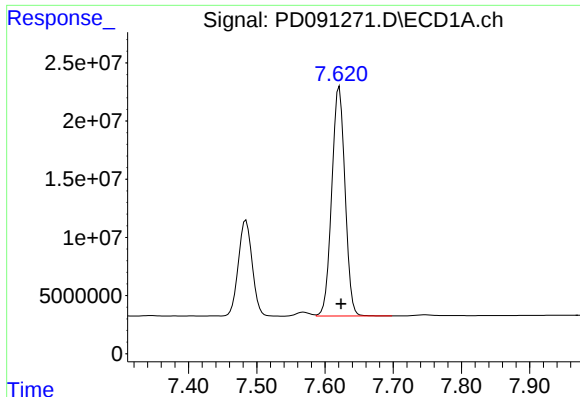
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 116399145
Conc: 53.53 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 1161945634
Conc: 57.95 ng/ml



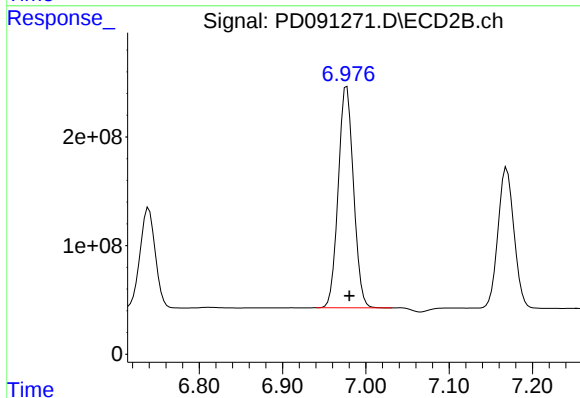
#21 Endrin ketone

R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 265846863
Conc: 47.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS

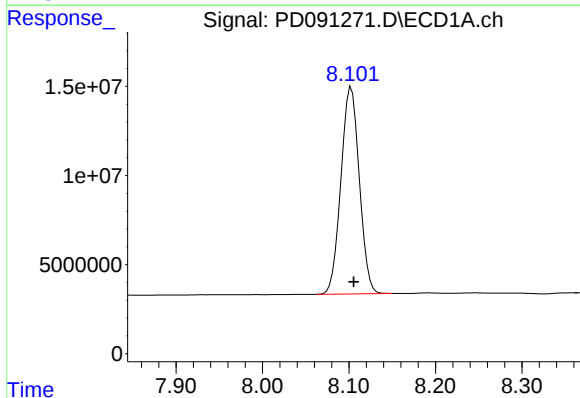
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025



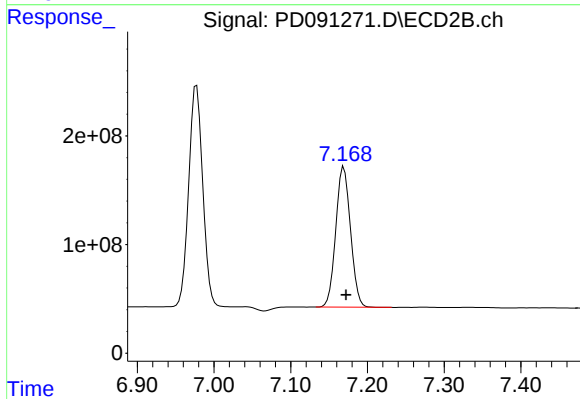
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 2594631936
Conc: 50.92 ng/ml



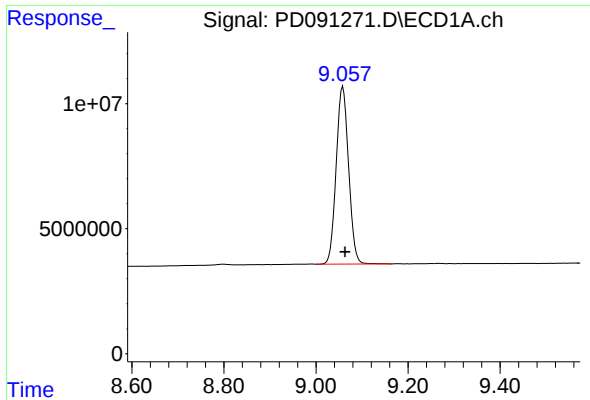
#22 Mirex

R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 170488430
Conc: 47.93 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.003 min
Response: 1724555324
Conc: 52.04 ng/ml



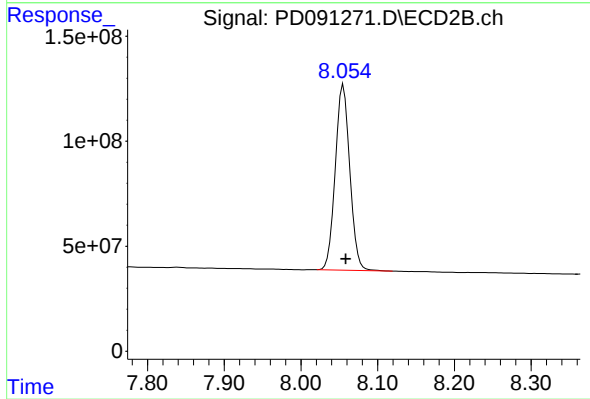
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.005 min
Response: 132822782
Conc: 26.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170628BS

Manual Integrations
APPROVED

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Supervised By :Sohil Jodhani 11/20/2025



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.003 min
Response: 1162282947
Conc: 29.37 ng/ml