

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 14:34
 Operator : AR\AJ
 Sample : Q3483-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HW1025-PT-PEST-SOIL

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 01:29:59 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...	3.540	2.872	68992296	779.1E6	20.006m	21.270
2)	SA Decachlor...	9.058	8.053	120.3E6	920.3E6	24.141	23.254m
Target Compounds							
2)	A alpha-BHC	3.991	3.386	3689.2E6	21655.4E6	461.406	342.634 #
3)	MA gamma-BHC...	4.321	3.718	6399.5E6	32730.8E6	856.369	566.068 #
4)	MA Heptachlor	4.919	4.071	2805.5E6	14106.9E6	391.733	255.517 #
5)	MB Aldrin	5.260	4.358	6342.3E6	25366.9E6	874.032	449.302 #
6)	B beta-BHC	4.508	4.015	369.6E6	3120.9E6	127.218	129.892
7)	B delta-BHC	4.757	4.255	5195.0E6	22859.0E6	698.998	390.905 #
8)	B Heptachlo...	5.680	4.859	1211.0E6	8491.7E6	186.402	166.639
9)	A Endosulfan I	6.064	5.233	674.7E6	4700.5E6	109.836	98.229
10)	B gamma-Chl...	5.936	5.118	5788.6E6	28432.9E6	890.450	520.488 #
11)	B alpha-Chl...	6.016	5.177	3482.5E6	21770.8E6	505.971	416.019
12)	B 4,4'-DDE	6.186	5.363	3449.4E6	22747.3E6	594.783	425.644 #
13)	MA Dieldrin	6.336	5.499	2111.4E6	14203.6E6	326.599	261.523
14)	MA Endrin	6.564	5.775	2262.1E6	11034.3E6	455.749	244.161 #
15)	B Endosulfa...	6.777	6.067	1203.1E6	8705.7E6	216.402	186.498
16)	A 4,4'-DDD	6.695	5.919	4283.9E6	24964.6E6	872.211	510.852 #
17)	MA 4,4'-DDT	7.011	6.169	1429.0E6	11987.8E6	345.539	306.339
18)	B Endrin al...	6.905	6.245	1864.6E6	12915.5E6	447.582	365.992
19)	B Endosulfa...	7.140	6.468	2937.6E6	16395.9E6	570.985	365.695 #
20)	A Methoxychlor	7.484	6.739	312.4E6	2694.3E6	143.697	134.368
21)	B Endrin ke...	7.620	6.980	4140.4E6	21422.2E6	734.952	420.406 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 14:34
Operator : AR\AJ
Sample : Q3483-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

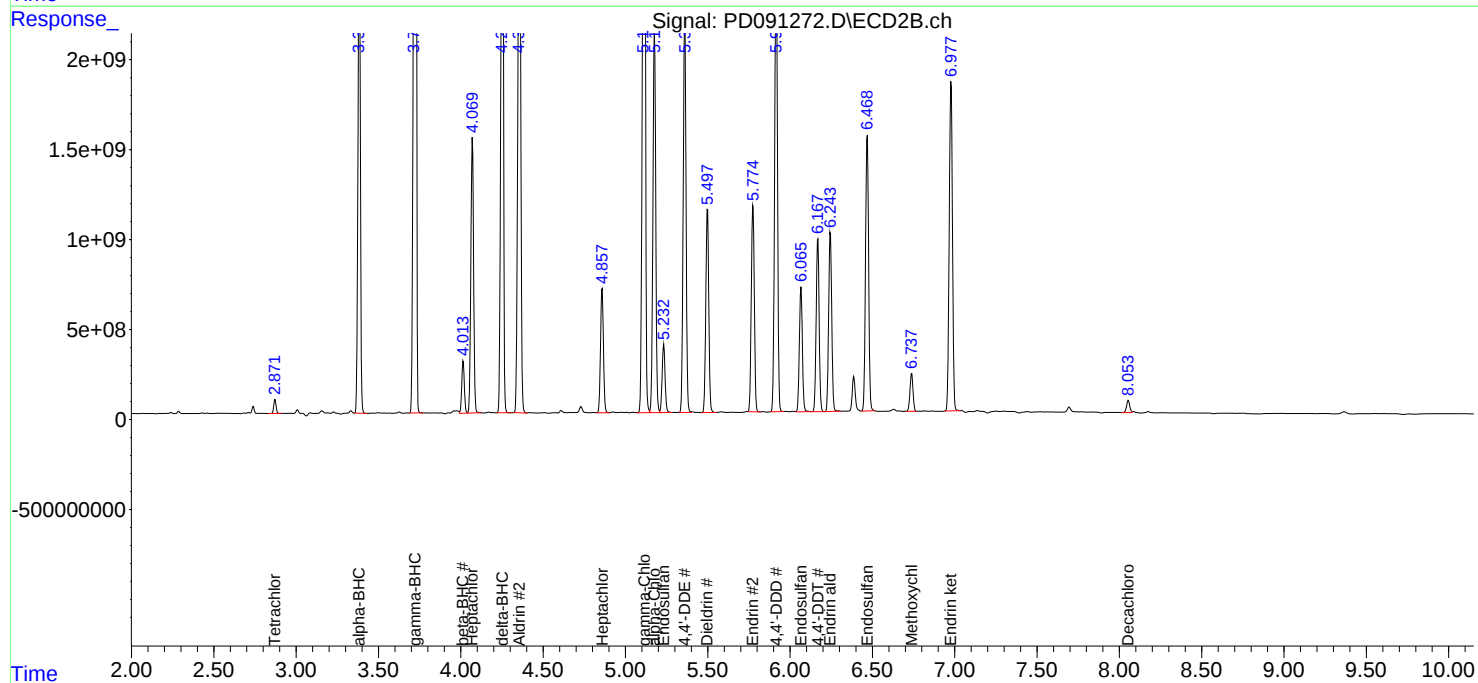
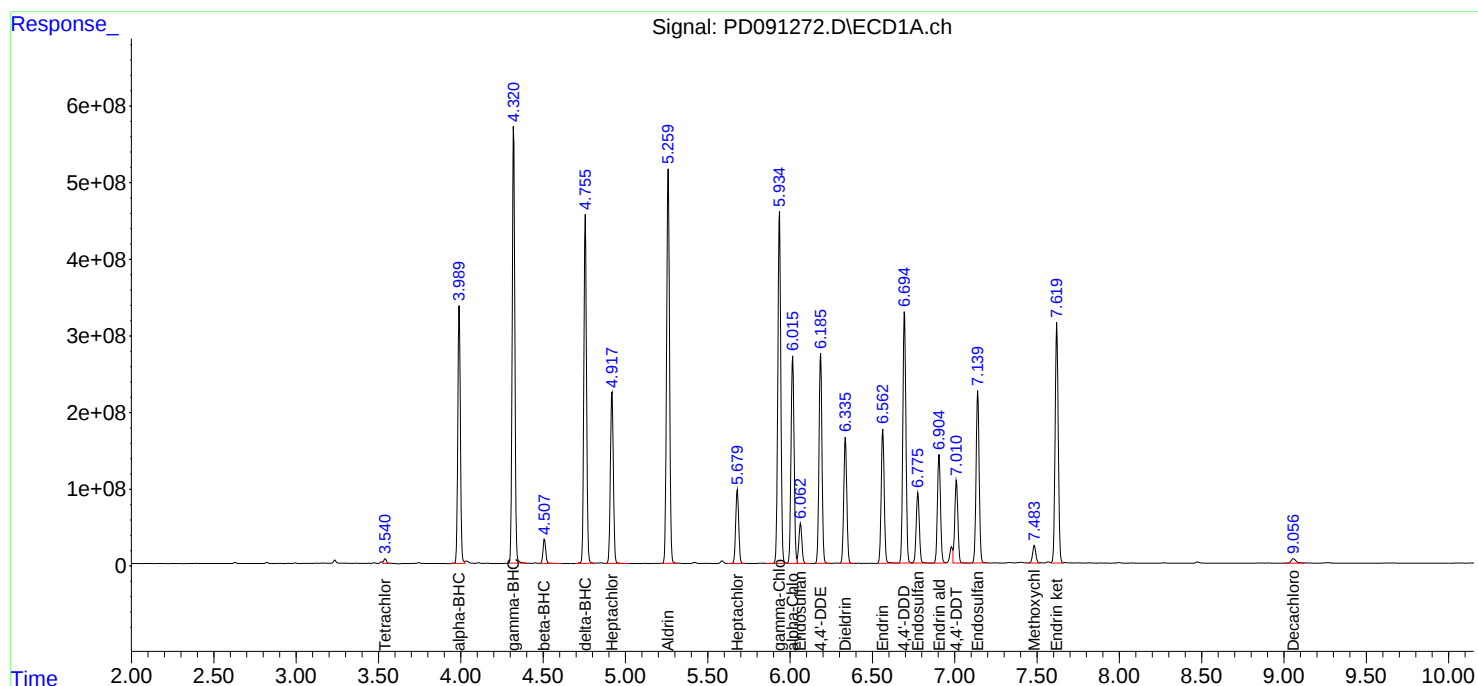
Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

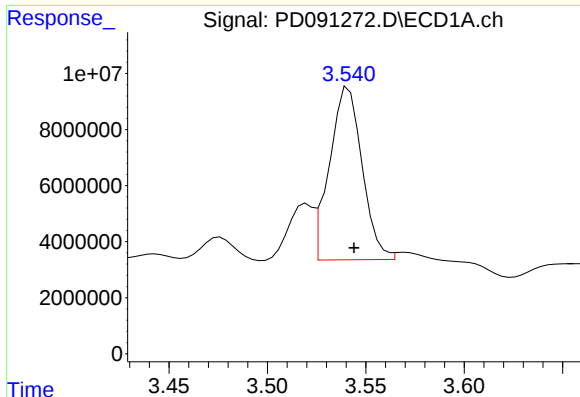
Manual Integrations
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Reviewed By : Abdul Mirza 11/20/2025
Supervised By : Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:29:59 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
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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





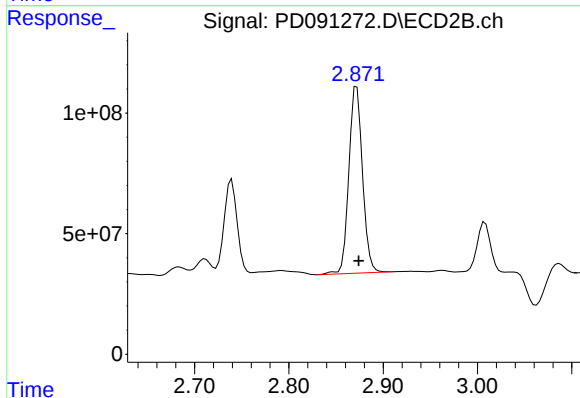
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 68992296
Conc: 20.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

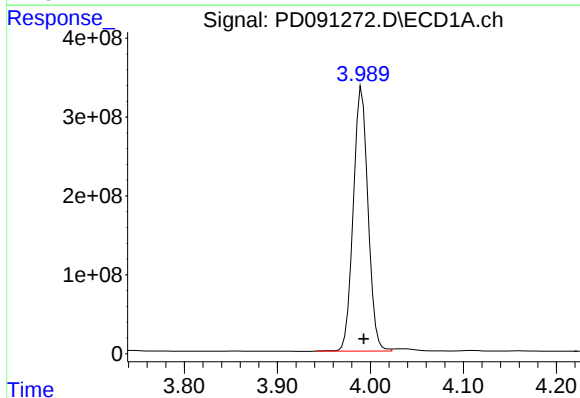
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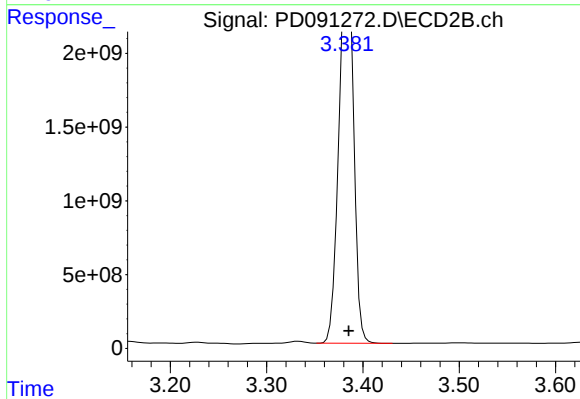
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 779119299
Conc: 21.27 ng/ml



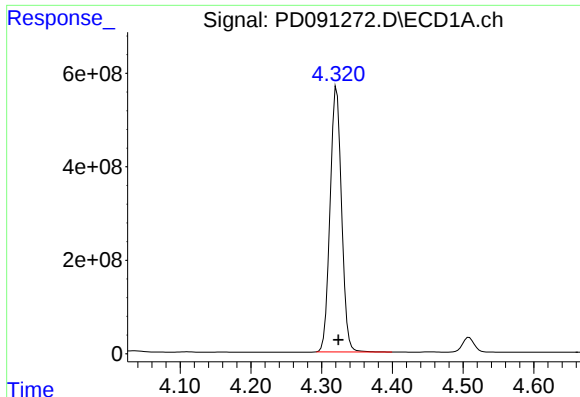
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 3689178588
Conc: 461.41 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.001 min
Response: 21655415613
Conc: 342.63 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 6399532283
Conc: 856.37 ng/ml

Instrument :

ECD_D

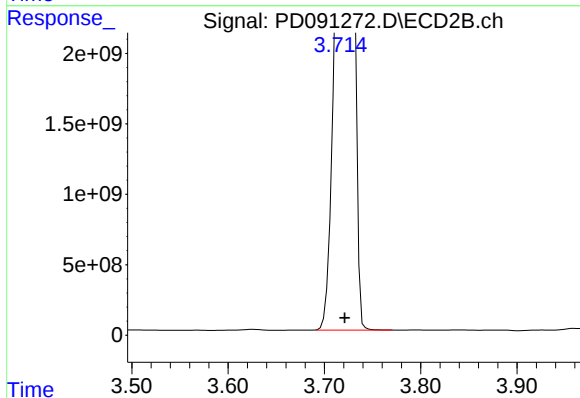
ClientSampleId :

HW1025-PT-PEST-SOIL

Manual Integrations

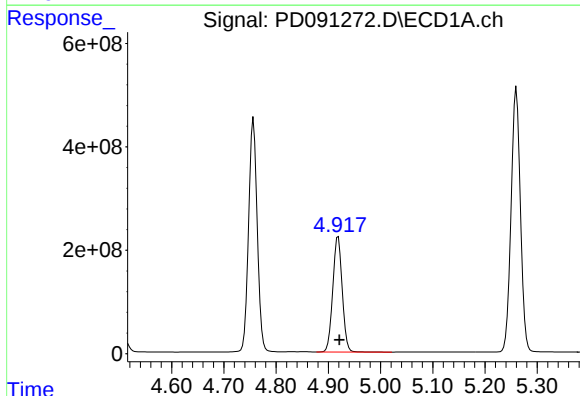
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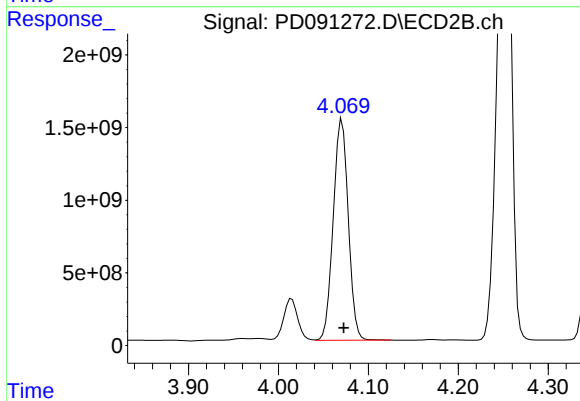
#3 gamma-BHC (Lindane)

R.T.: 3.718 min
Delta R.T.: -0.003 min
Response: 32730801600
Conc: 566.07 ng/ml



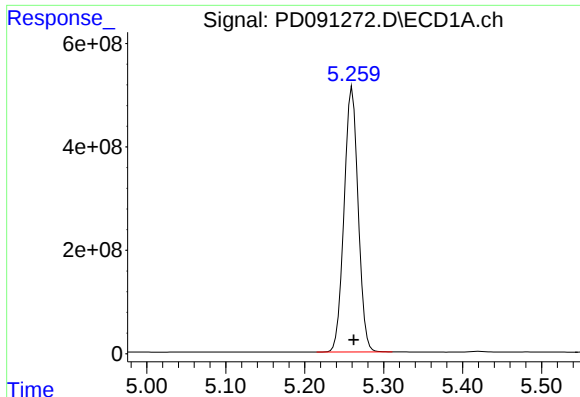
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 2805492584
Conc: 391.73 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 14106941900
Conc: 255.52 ng/ml



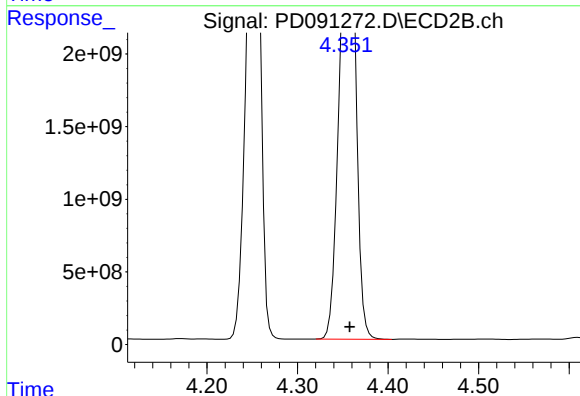
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 6342324613
Conc: 874.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

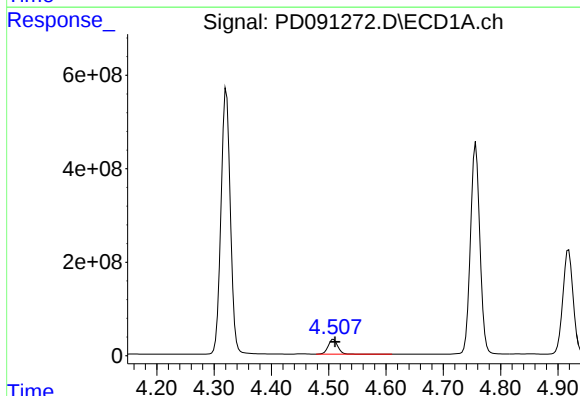
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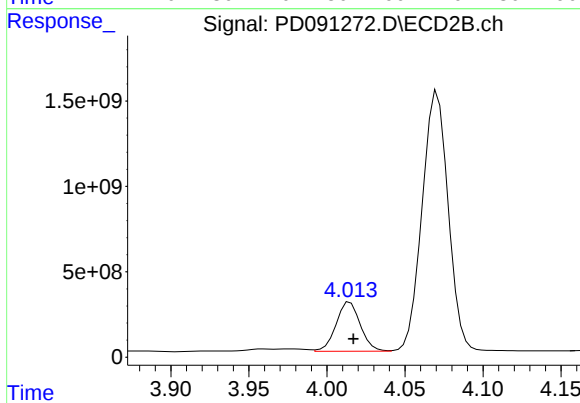
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 25366882509
Conc: 449.30 ng/ml



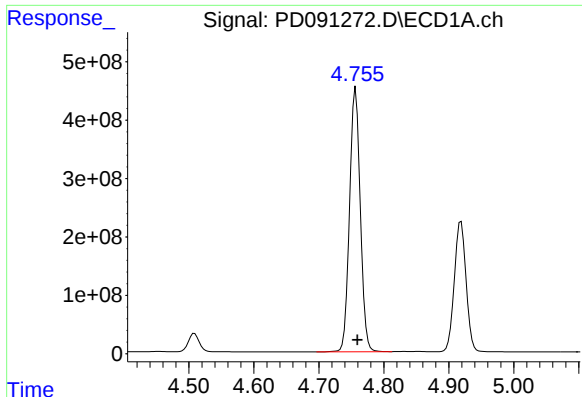
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 369630509
Conc: 127.22 ng/ml



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 3120911533
Conc: 129.89 ng/ml



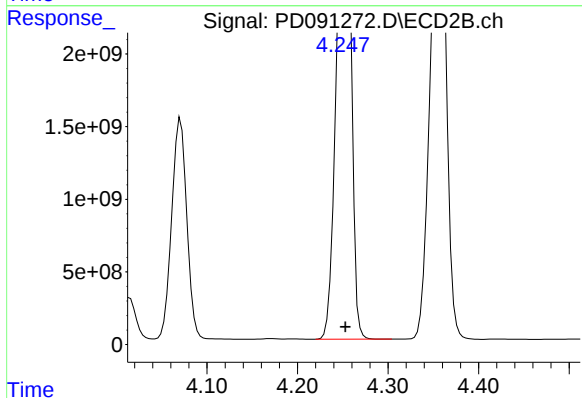
#7 delta-BHC

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 5195008804
Conc: 699.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

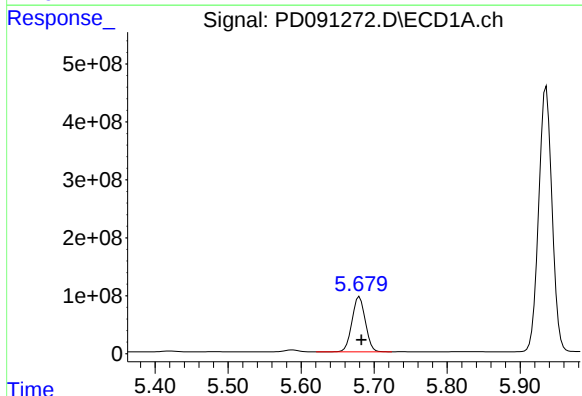
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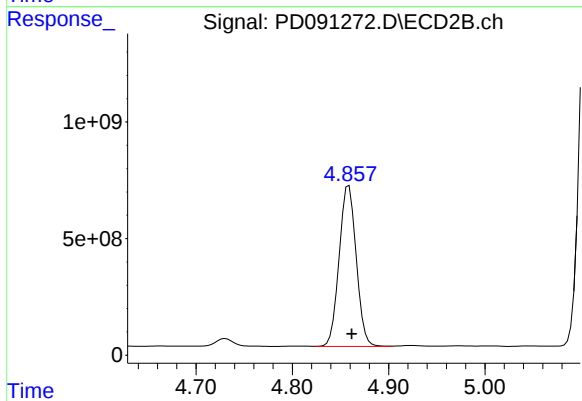
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.002 min
Response: 22859015984
Conc: 390.91 ng/ml



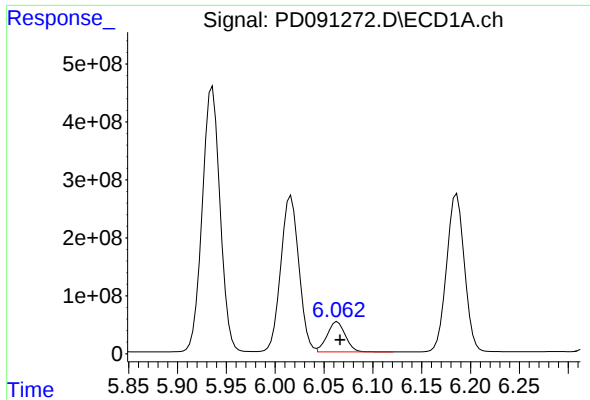
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 1211003816
Conc: 186.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 8491713071
Conc: 166.64 ng/ml



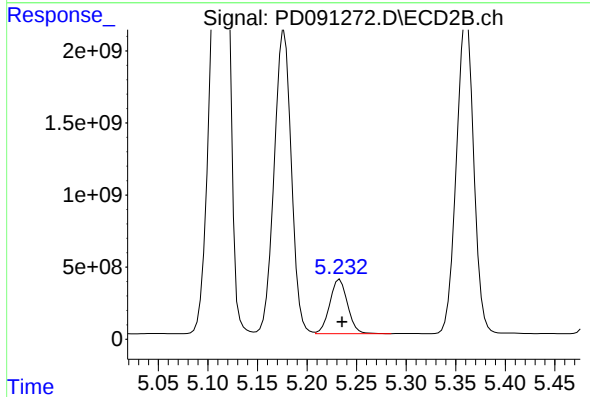
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 674718571
Conc: 109.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

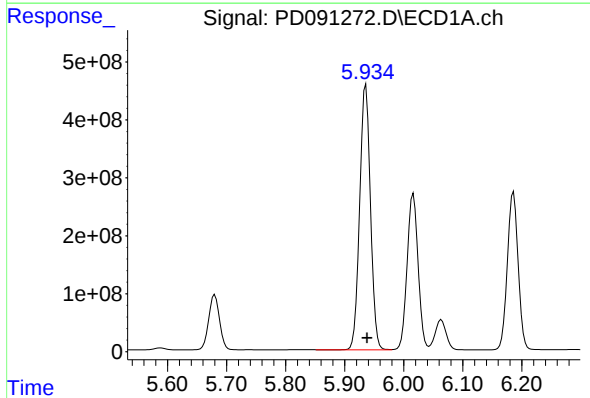
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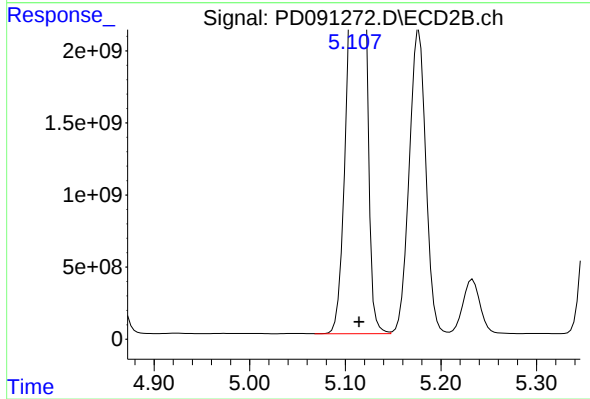
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 4700460396
Conc: 98.23 ng/ml



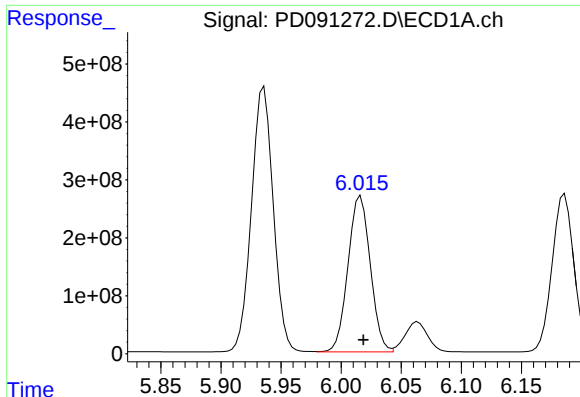
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 5788614181
Conc: 890.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.003 min
Response: 28432907937
Conc: 520.49 ng/ml



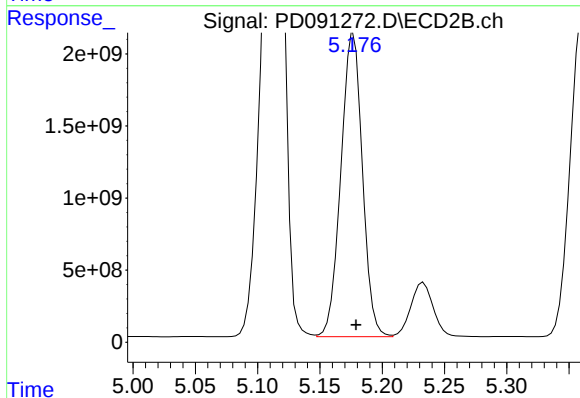
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 3482501597
Conc: 505.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

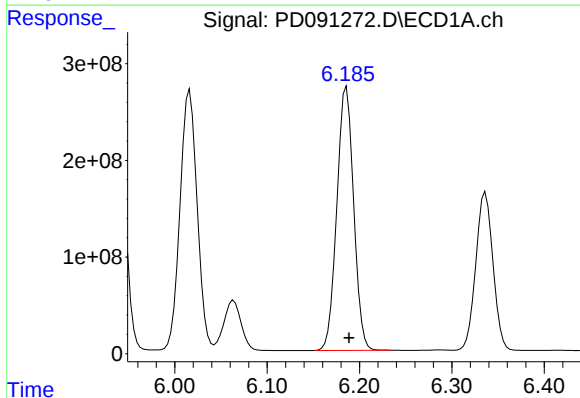
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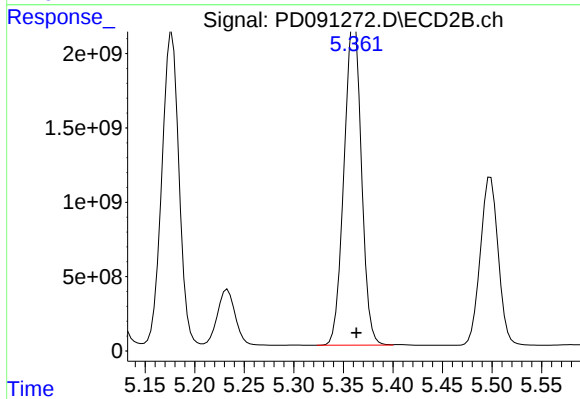
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 21770826611
Conc: 416.02 ng/ml



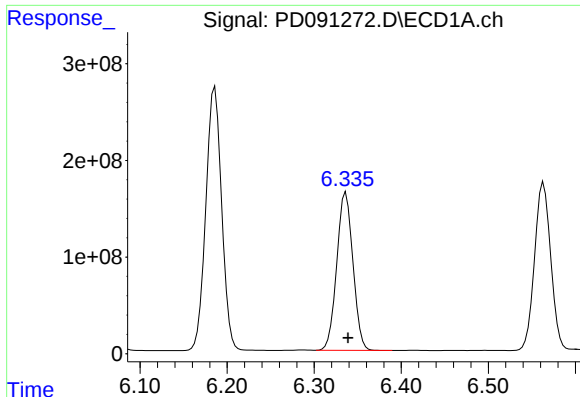
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 3449388981
Conc: 594.78 ng/ml



#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 22747323223
Conc: 425.64 ng/ml



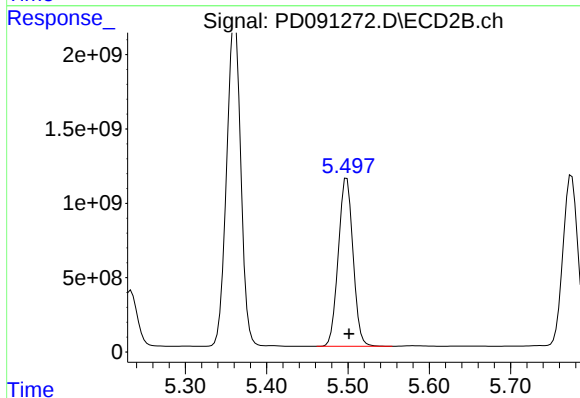
#13 Dieldrin

R.T.: 6.336 min
Delta R.T.: -0.003 min
Response: 2111437581
Conc: 326.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

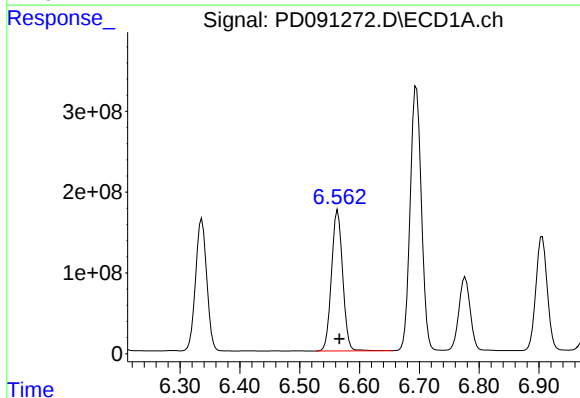
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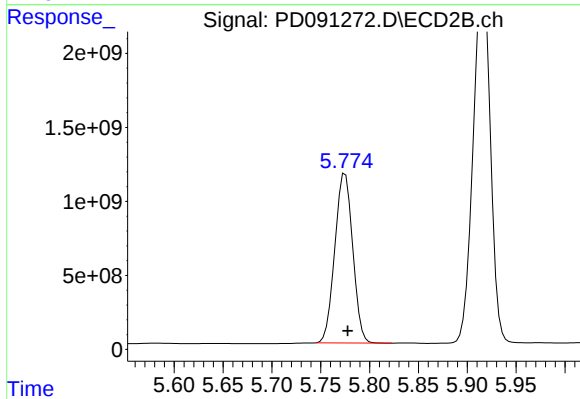
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.003 min
Response: 14203598214
Conc: 261.52 ng/ml



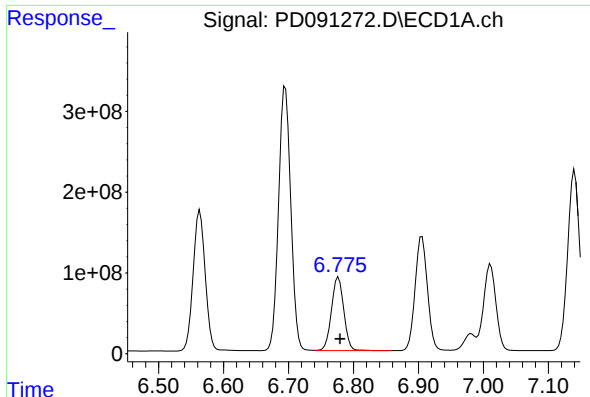
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.003 min
Response: 2262103944
Conc: 455.75 ng/ml



#14 Endrin

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 11034263323
Conc: 244.16 ng/ml



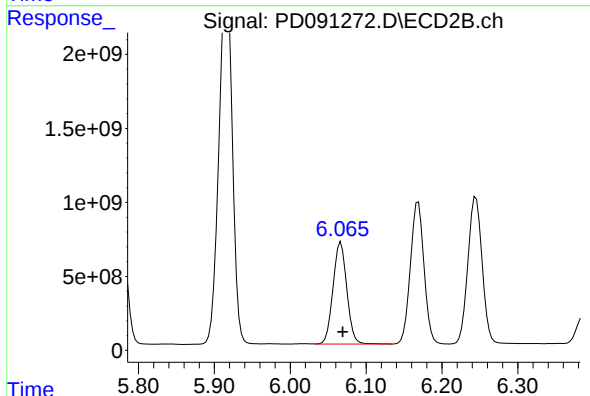
#15 Endosulfan II

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 1203050137
Conc: 216.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

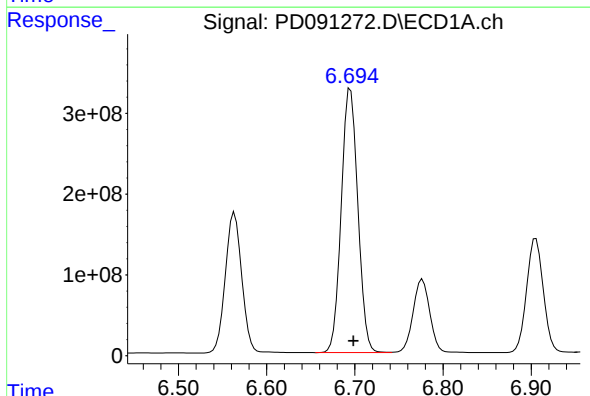
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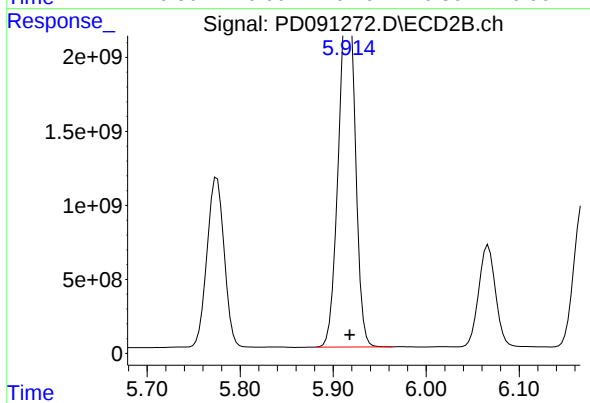
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 8705678279
Conc: 186.50 ng/ml



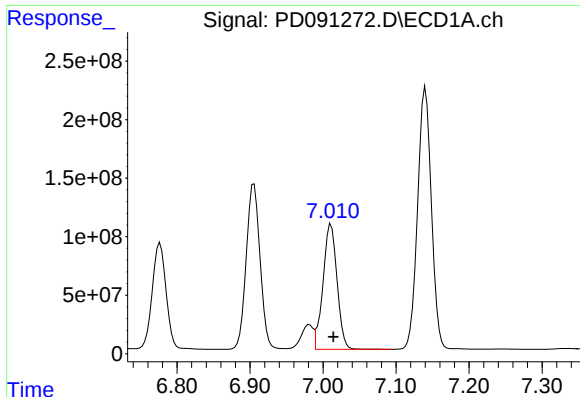
#16 4,4'-DDD

R.T.: 6.695 min
Delta R.T.: -0.003 min
Response: 4283870362
Conc: 872.21 ng/ml



#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: 0.001 min
Response: 24964565134
Conc: 510.85 ng/ml



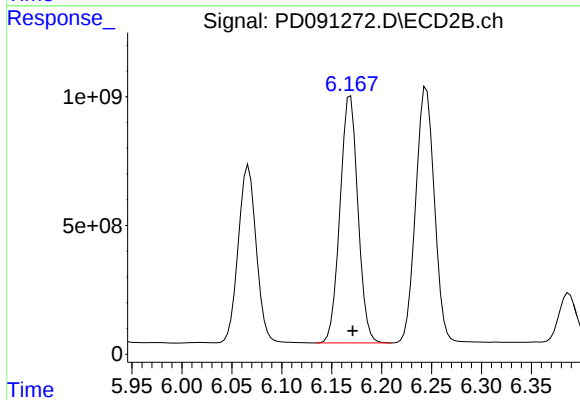
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 1428978510
Conc: 345.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

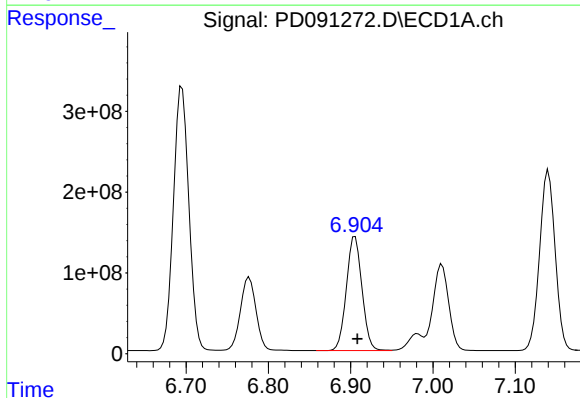
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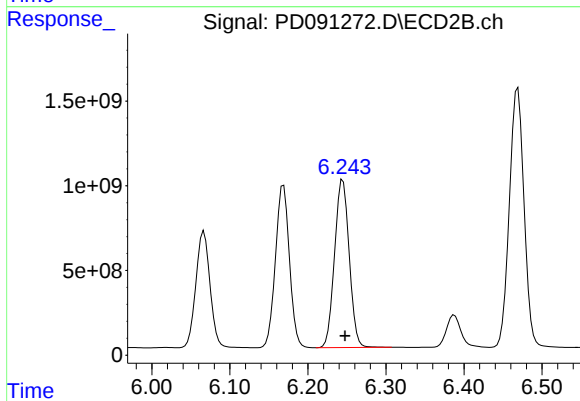
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 11987837426
Conc: 306.34 ng/ml



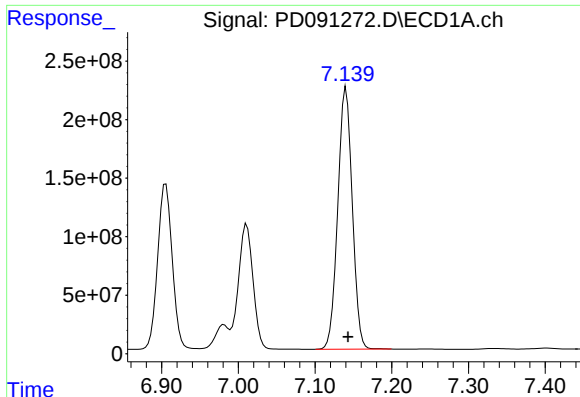
#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 1864644154
Conc: 447.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 12915521033
Conc: 365.99 ng/ml



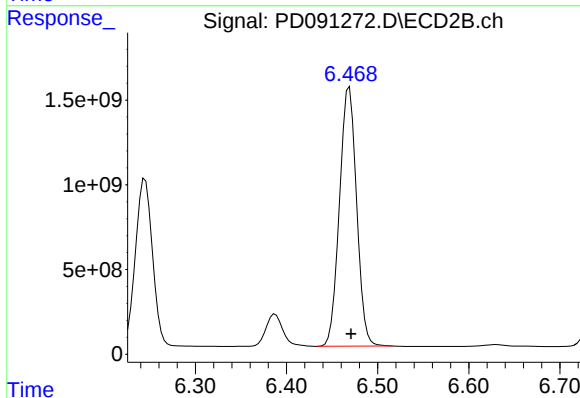
#19 Endosulfan Sulfate

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 2937596801
Conc: 570.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

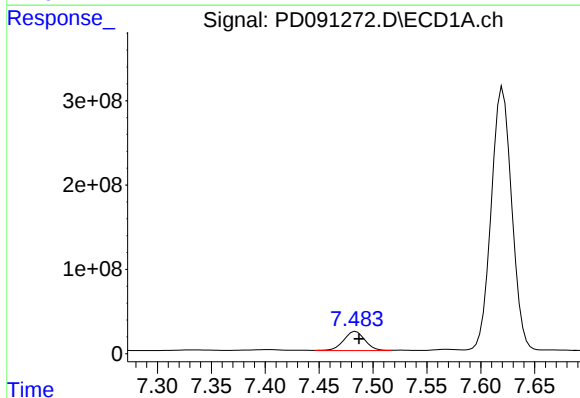
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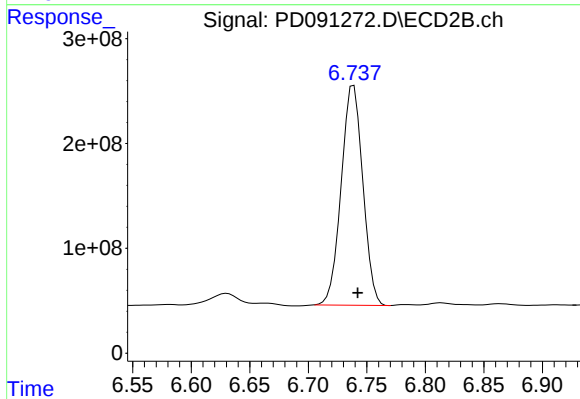
#19 Endosulfan Sulfate

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 16395903023
Conc: 365.69 ng/ml



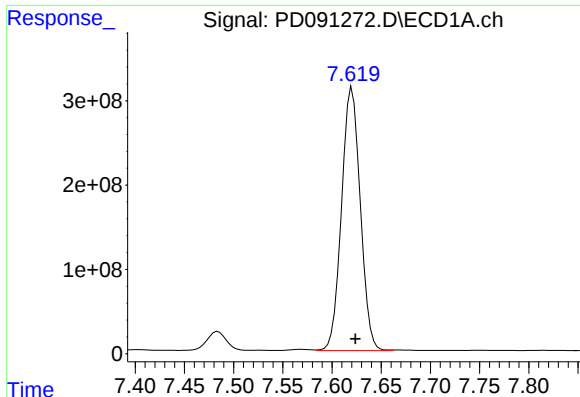
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 312444632
Conc: 143.70 ng/ml



#20 Methoxychlor

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 2694261317
Conc: 134.37 ng/ml



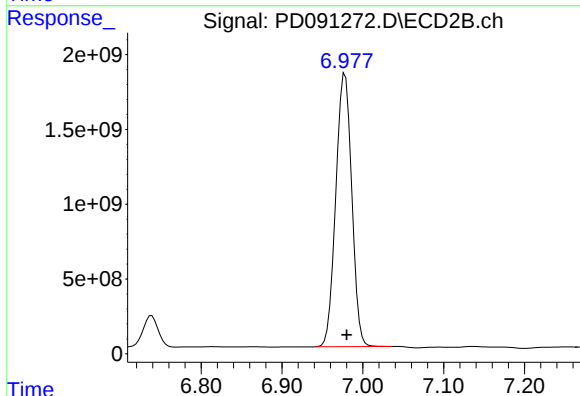
#21 Endrin ketone

R.T.: 7.620 min
Delta R.T.: -0.003 min
Response: 4140391700
Conc: 734.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOIL

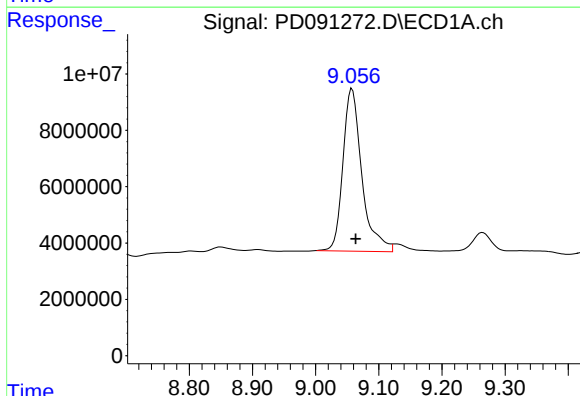
Manual Integrations
APPROVED

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



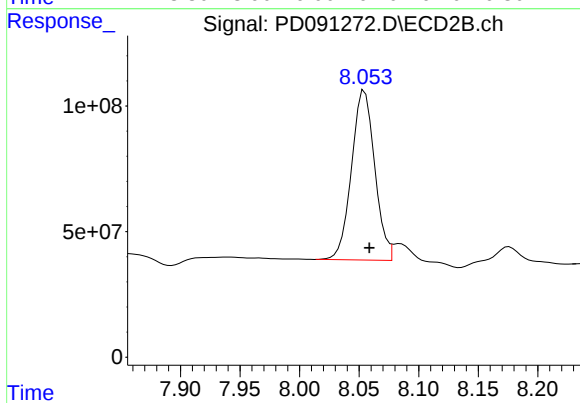
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 21422150447
Conc: 420.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.006 min
Response: 120266891
Conc: 24.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.053 min
Delta R.T.: -0.005 min
Response: 920270800
Conc: 23.25 ng/ml m