

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
 Data File : PD091274.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2025 15:02
 Operator : AR\AJ
 Sample : Q3483-20DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

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 01:30:17 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	8178962	105.4E6	2.372m	2.878
2)	SA Decachlor...	9.059	8.055	13175973	68886524	2.645	1.741 #
Target Compounds							
2)	A alpha-BHC	3.991	3.383	299.7E6	2500.9E6	37.481	39.570
3)	MA gamma-BHC...	4.322	3.719	521.0E6	3989.5E6	69.717	68.996
4)	MA Heptachlor	4.919	4.071	242.7E6	2015.6E6	33.886	36.508
5)	MB Aldrin	5.260	4.356	549.8E6	4255.8E6	75.771	75.380
6)	B beta-BHC	4.508	4.015	39313080	357.6E6	13.531m	14.883
7)	B delta-BHC	4.758	4.252	415.0E6	3233.6E6	55.840	55.297
8)	B Heptachlo...	5.680	4.860	111.6E6	951.6E6	17.173	18.674
9)	A Endosulfan I	6.064	5.234	62161010	531.0E6	10.119	11.097
10)	B gamma-Chl...	5.935	5.112	459.8E6	3834.0E6	70.726m	70.185
11)	B alpha-Chl...	6.016	5.177	295.1E6	2379.7E6	42.878	45.474
12)	B 4,4'-DDE	6.186	5.362	274.7E6	2501.9E6	47.360	46.816
13)	MA Dieldrin	6.337	5.499	174.4E6	1514.8E6	26.981	27.891
14)	MA Endrin	6.564	5.776	180.7E6	1557.4E6	36.408	34.462
15)	B Endosulfa...	6.777	6.067	109.3E6	872.4E6	19.668	18.688
16)	A 4,4'-DDD	6.696	5.916	339.8E6	3008.2E6	69.192	61.557
17)	MA 4,4'-DDT	7.012	6.169	108.3E6	1001.7E6	26.196	25.596
18)	B Endrin al...	6.906	6.245	171.0E6	1352.2E6	41.050	38.318
19)	B Endosulfa...	7.141	6.469	253.4E6	1971.0E6	49.253	43.962
20)	A Methoxychlor	7.485	6.740	29473405	246.8E6	13.555	12.308
21)	B Endrin ke...	7.622	6.978	354.3E6	2554.6E6	62.885	50.134

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111925\
Data File : PD091274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2025 15:02
Operator : AR\AJ
Sample : Q3483-20DL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

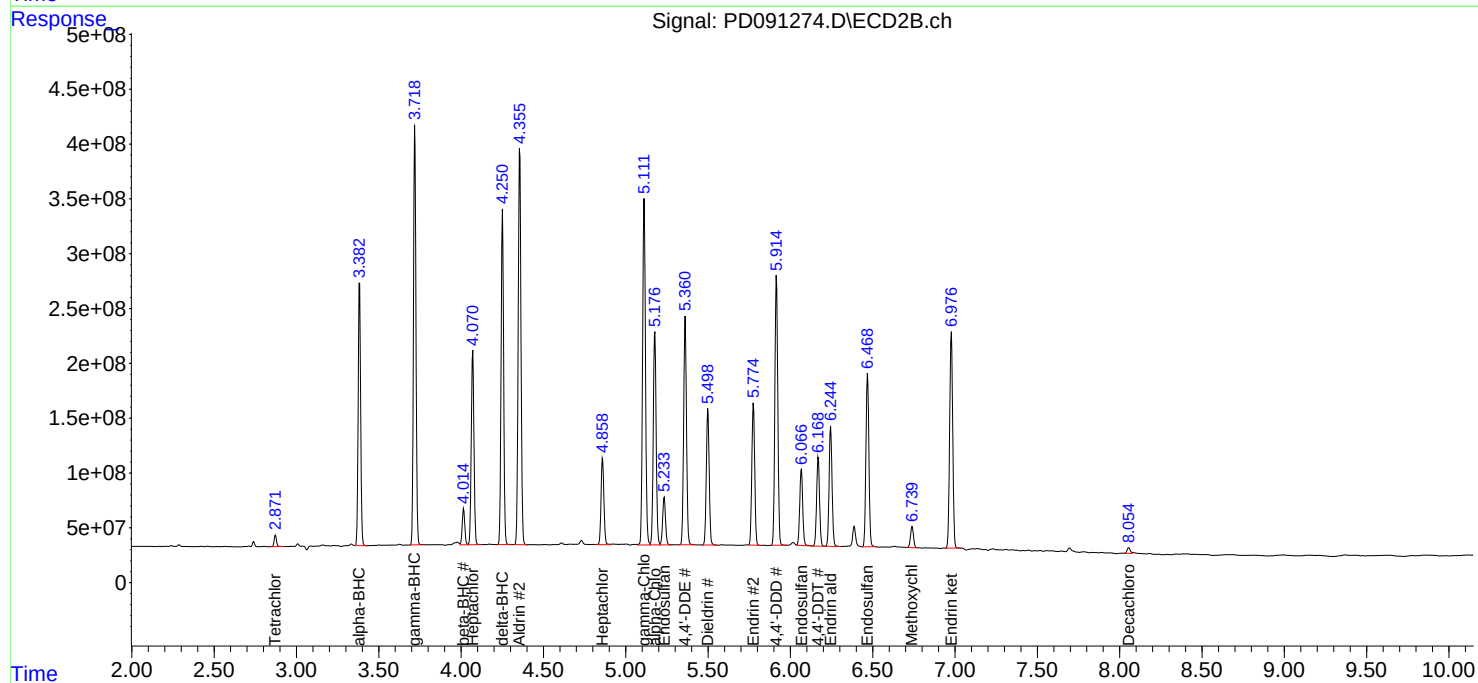
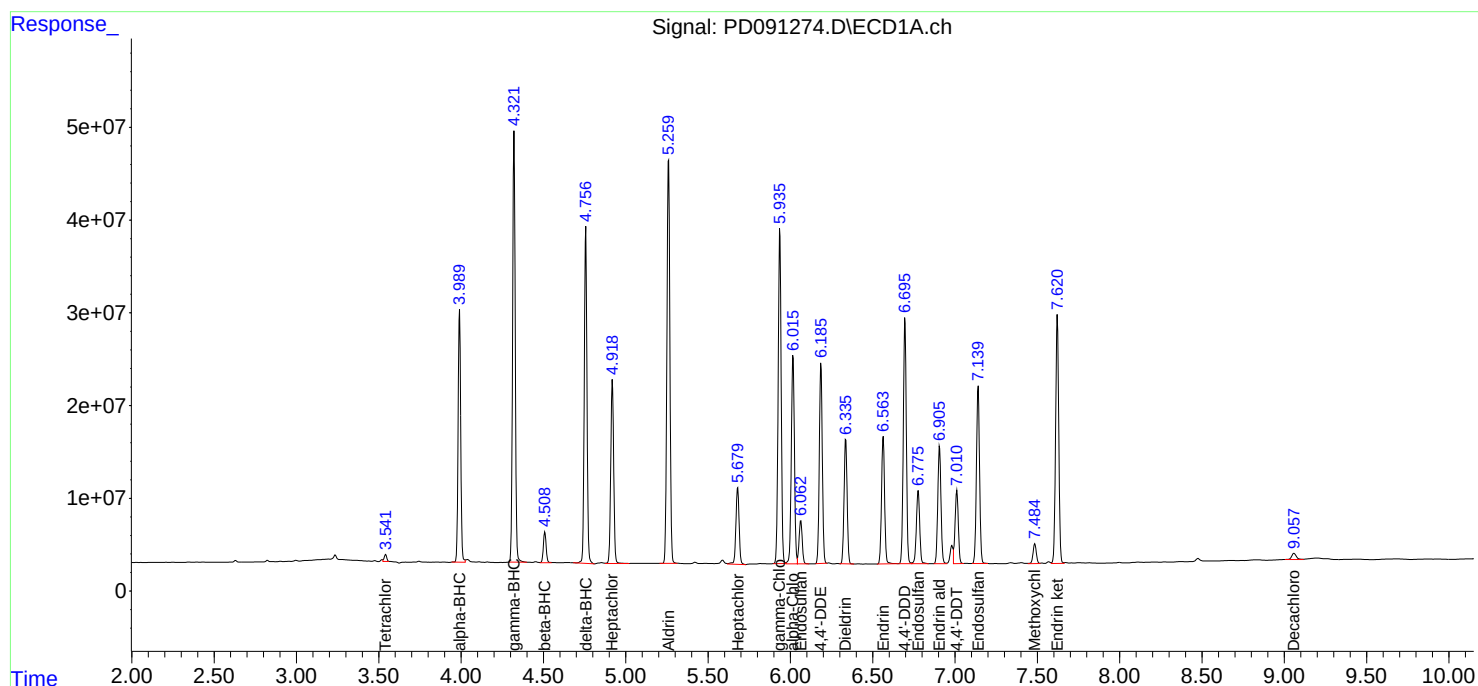
Instrument :
ECD_D
ClientSampleId :
HW1025-PT-PEST-SOILDL

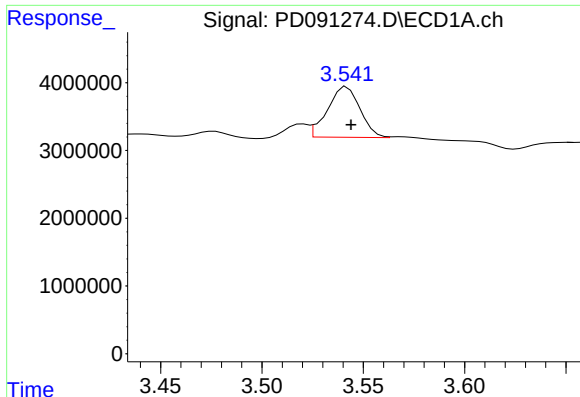
Manual Integrations
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Supervised By : Sohil Jodhani 11/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 01:30:17 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





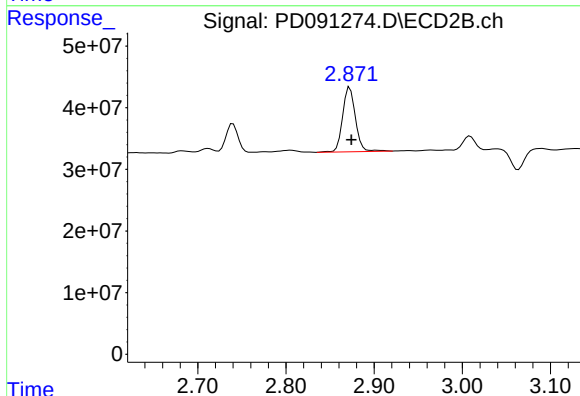
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 8178962
Conc: 2.37 ng/ml

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

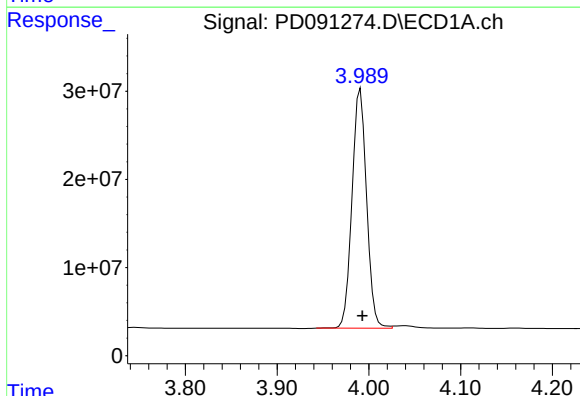
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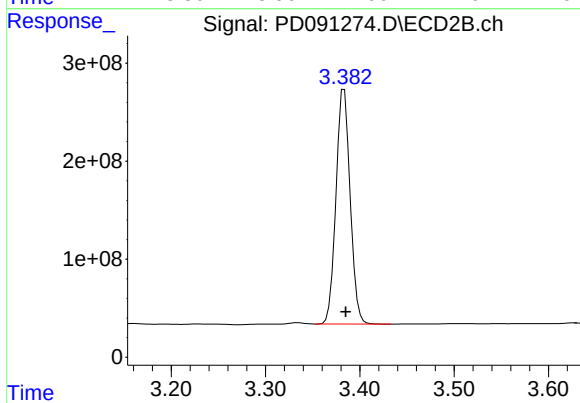
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 105420203
Conc: 2.88 ng/ml



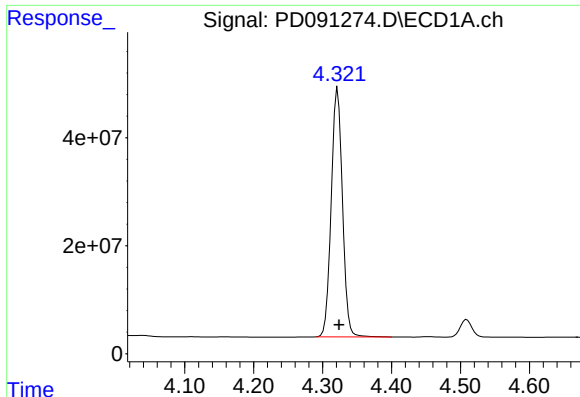
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 299680758
Conc: 37.48 ng/ml



#2 alpha-BHC

R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 2500934871
Conc: 39.57 ng/ml



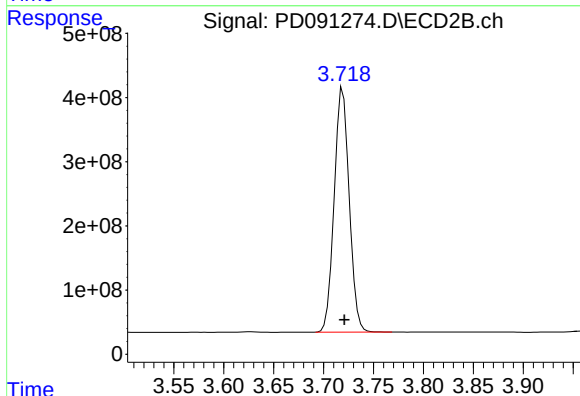
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 520985492
Conc: 69.72 ng/ml

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

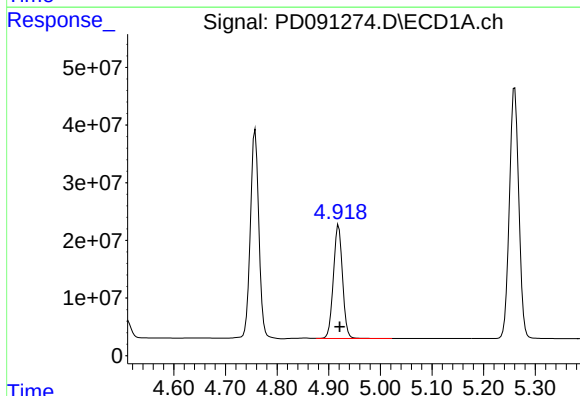
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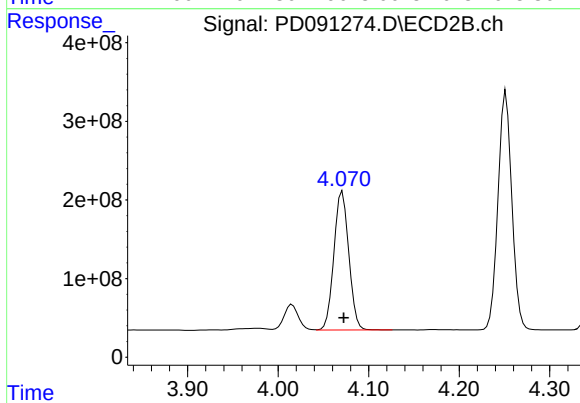
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 3989460742
Conc: 69.00 ng/ml



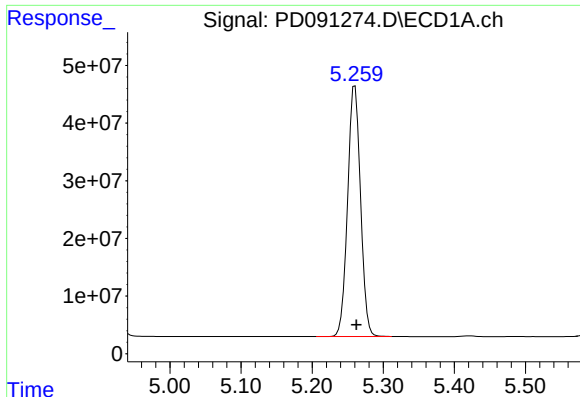
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 242681886
Conc: 33.89 ng/ml



#4 Heptachlor

R.T.: 4.071 min
Delta R.T.: -0.002 min
Response: 2015585746
Conc: 36.51 ng/ml



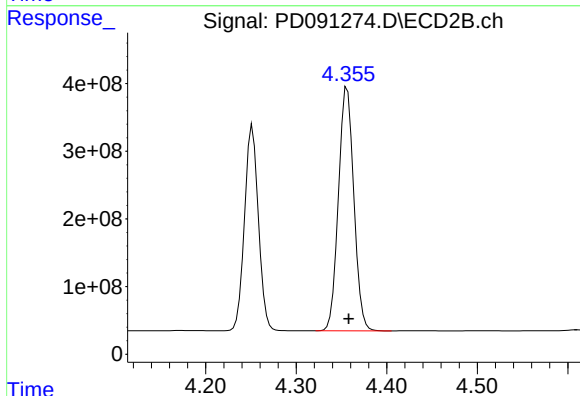
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 549824406
Conc: 75.77 ng/ml

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

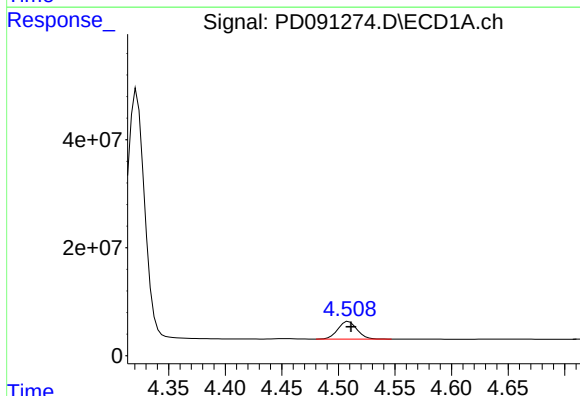
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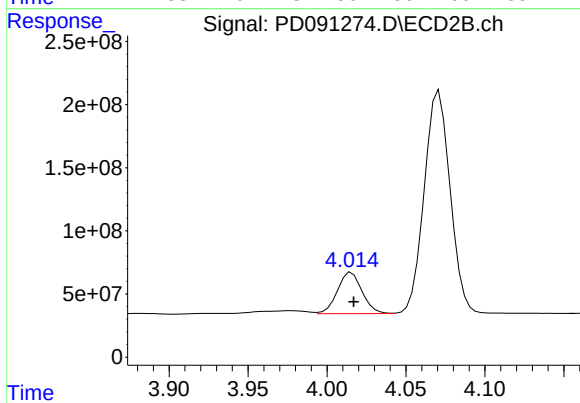
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 4255815454
Conc: 75.38 ng/ml



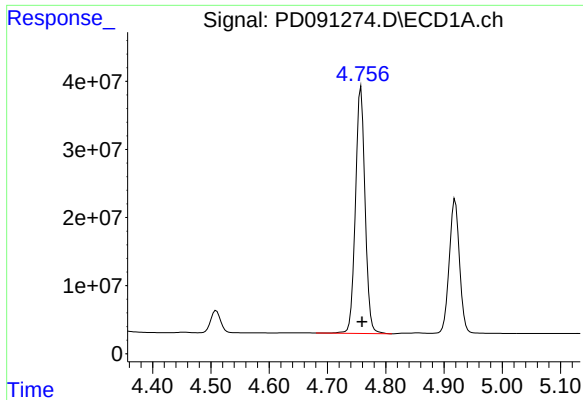
#6 beta-BHC

R.T.: 4.508 min
Delta R.T.: -0.003 min
Response: 39313080
Conc: 13.53 ng/ml m



#6 beta-BHC

R.T.: 4.015 min
Delta R.T.: -0.001 min
Response: 357600148
Conc: 14.88 ng/ml



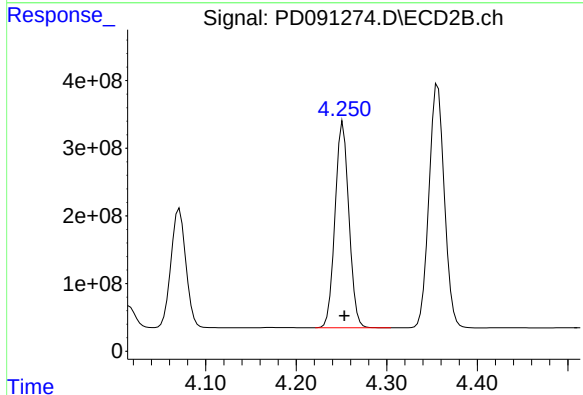
#7 delta-BHC

R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 415004542
Conc: 55.84 ng/ml

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

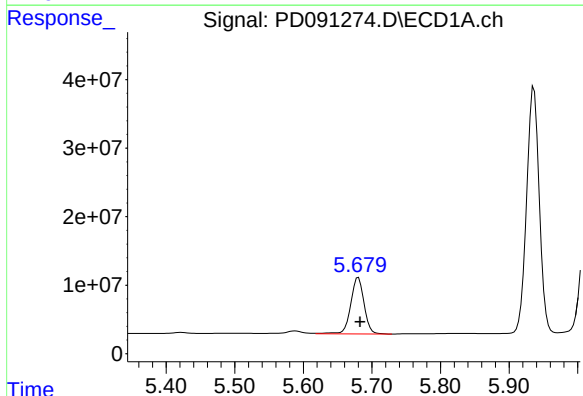
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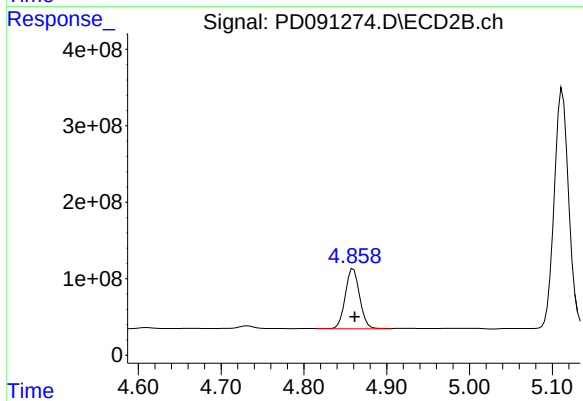
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.001 min
Response: 3233596340
Conc: 55.30 ng/ml



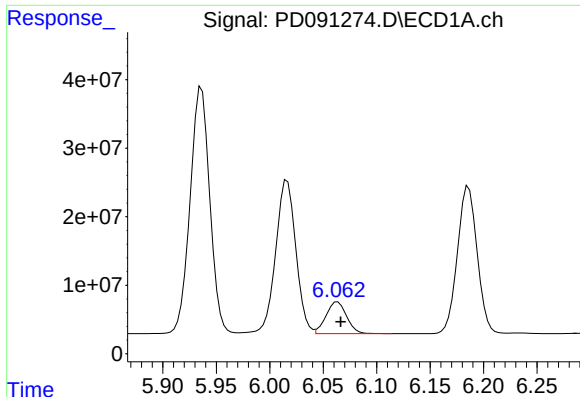
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 111571522
Conc: 17.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 951610260
Conc: 18.67 ng/ml



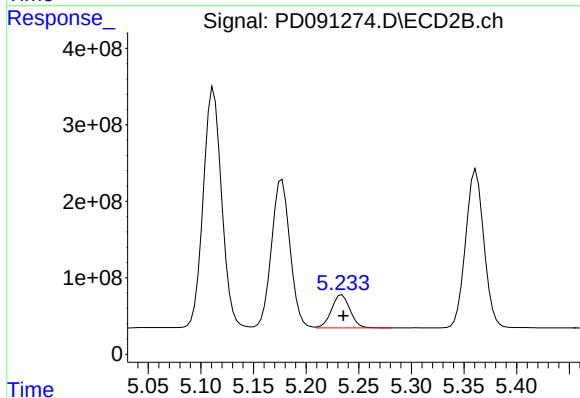
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.003 min
Response: 62161010
Conc: 10.12 ng/ml

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

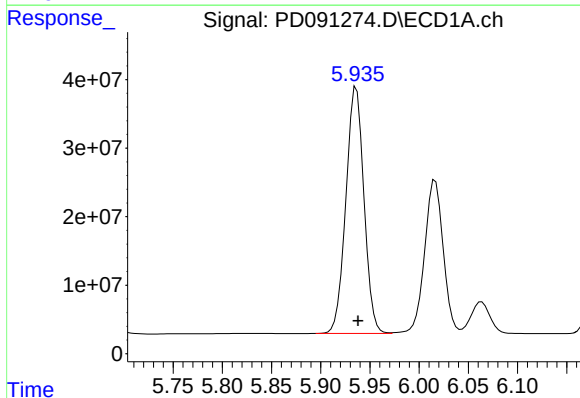
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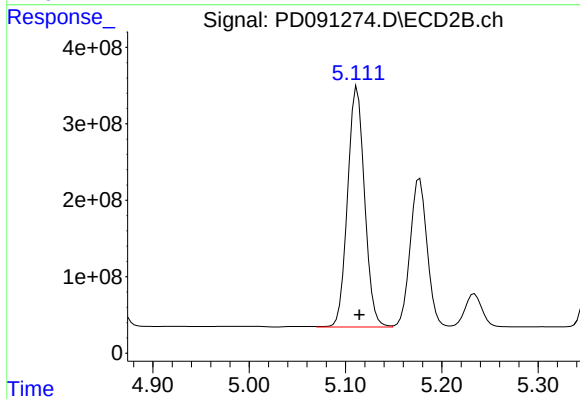
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 531002155
Conc: 11.10 ng/ml



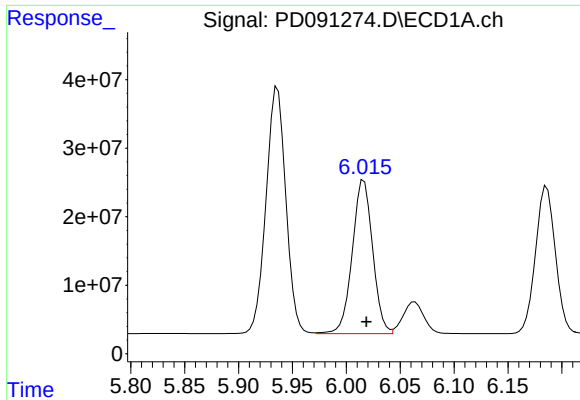
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.003 min
Response: 459772236
Conc: 70.73 ng/ml m



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 3834011873
Conc: 70.18 ng/ml



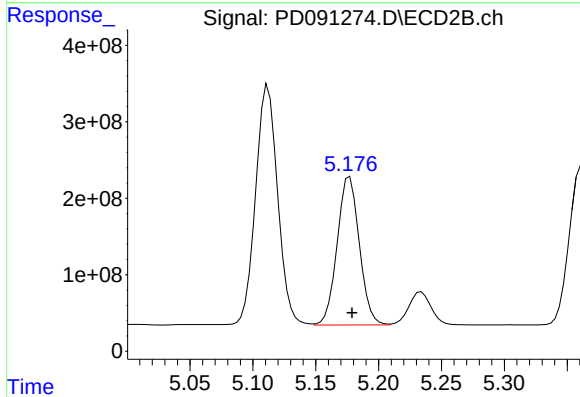
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 295124082
Conc: 42.88 ng/ml

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

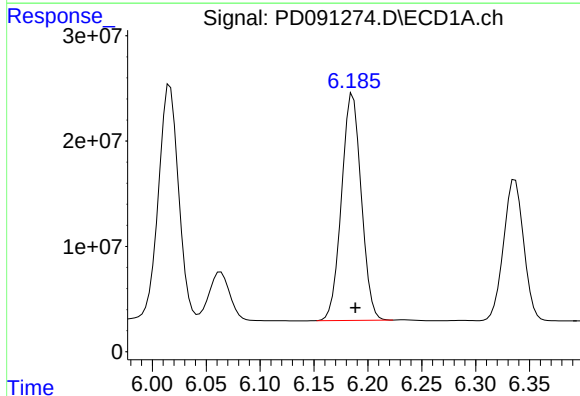
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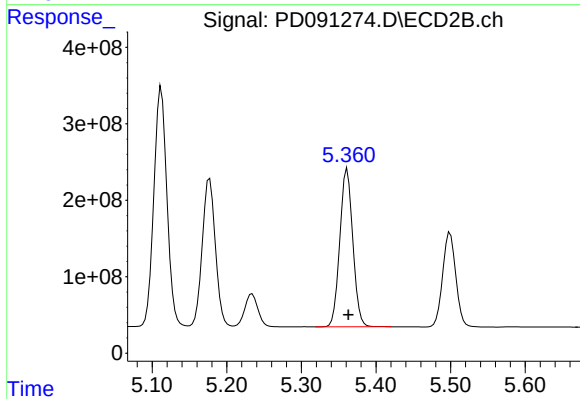
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 2379742496
Conc: 45.47 ng/ml



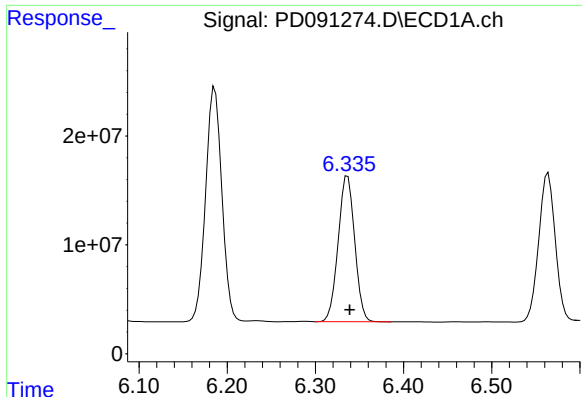
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 274660813
Conc: 47.36 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 2501928955
Conc: 46.82 ng/ml



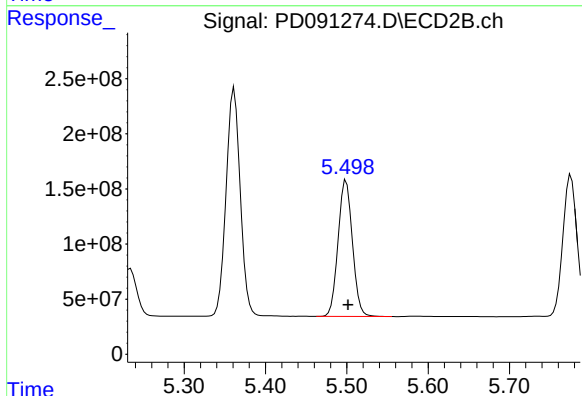
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.002 min
Response: 174427681
Conc: 26.98 ng/ml

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

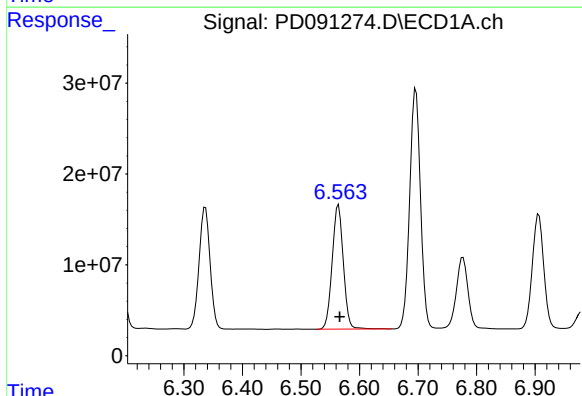
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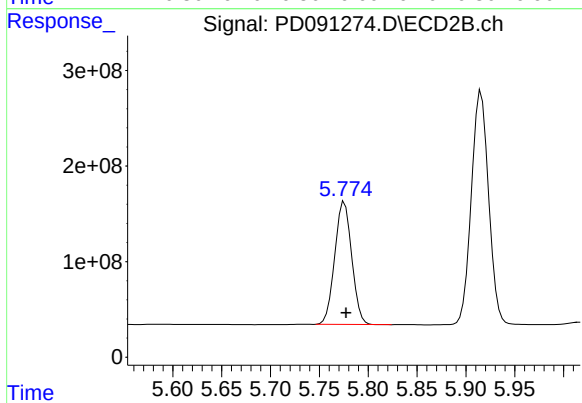
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 1514772997
Conc: 27.89 ng/ml



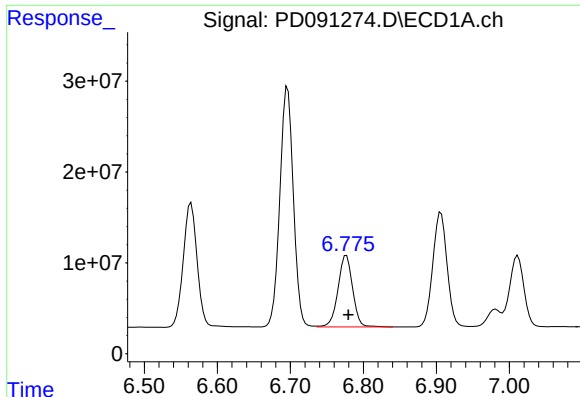
#14 Endrin

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 180709298
Conc: 36.41 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 1557425822
Conc: 34.46 ng/ml



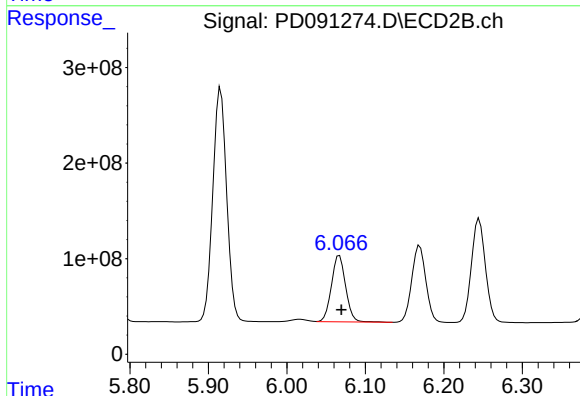
#15 Endosulfan II

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 109340700
Conc: 19.67 ng/ml

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

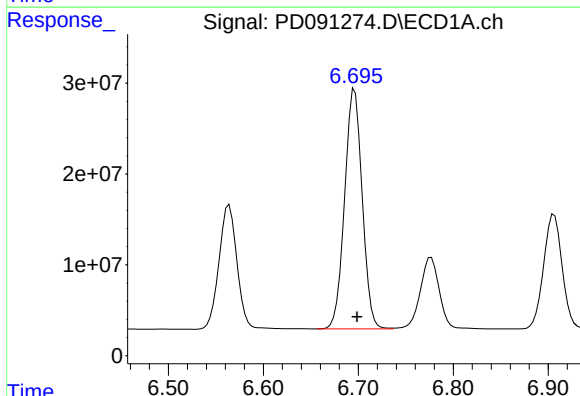
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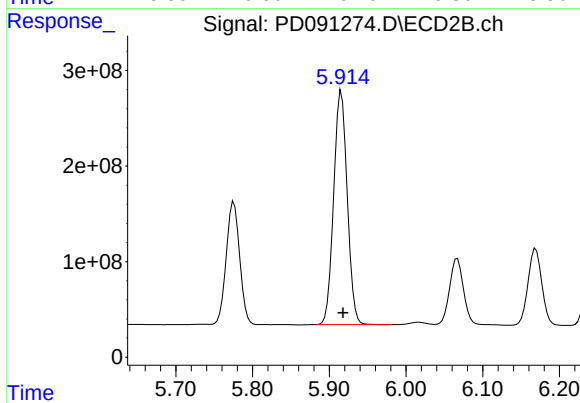
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 872356423
Conc: 18.69 ng/ml



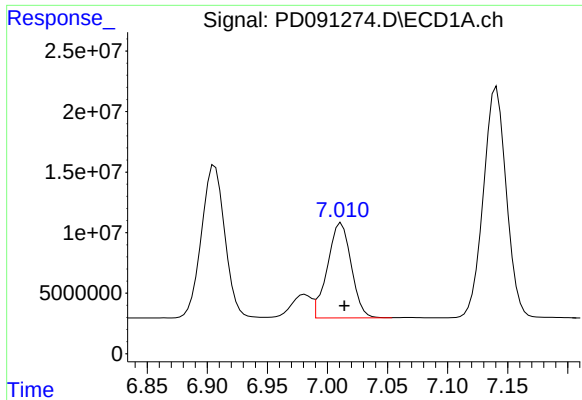
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 339837630
Conc: 69.19 ng/ml



#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 3008187864
Conc: 61.56 ng/ml



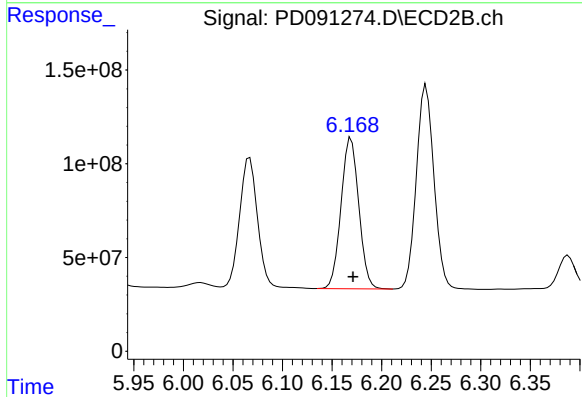
#17 4,4'-DDT

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 108335852
Conc: 26.20 ng/ml

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

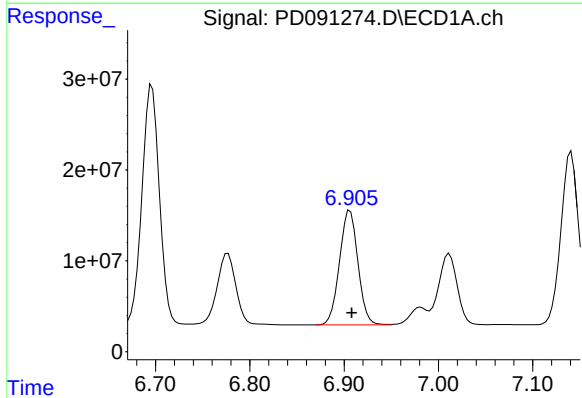
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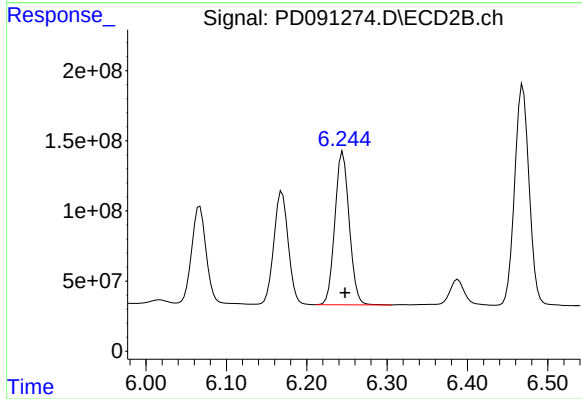
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 1001654158
Conc: 25.60 ng/ml



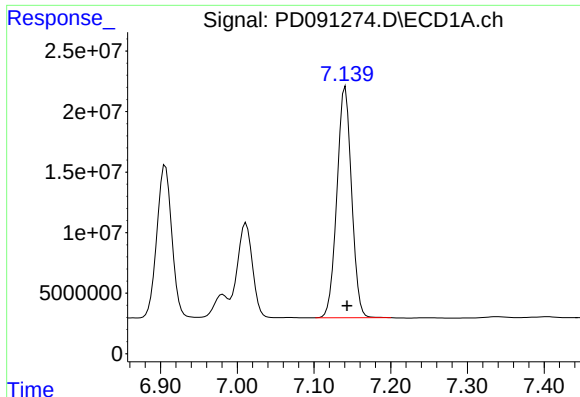
#18 Endrin aldehyde

R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 171016856
Conc: 41.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 1352193573
Conc: 38.32 ng/ml



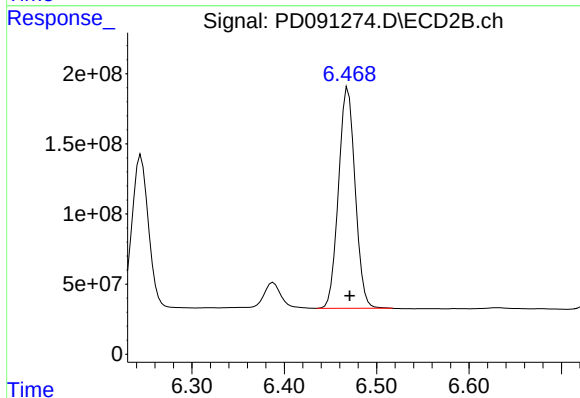
#19 Endosulfan Sulfate

R.T.: 7.141 min
Delta R.T.: -0.002 min
Response: 253398278
Conc: 49.25 ng/ml

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

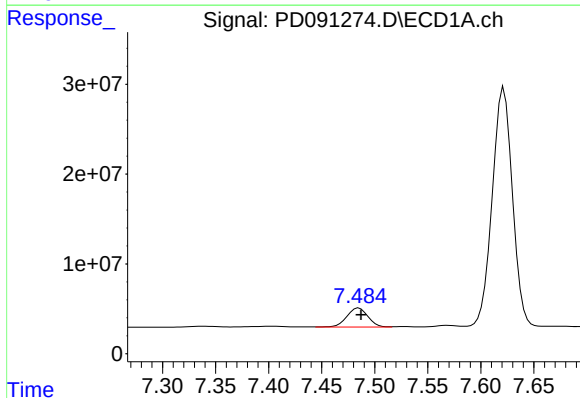
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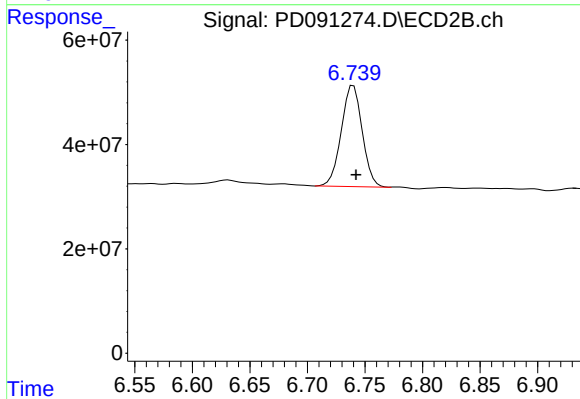
#19 Endosulfan Sulfate

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 1971023902
Conc: 43.96 ng/ml



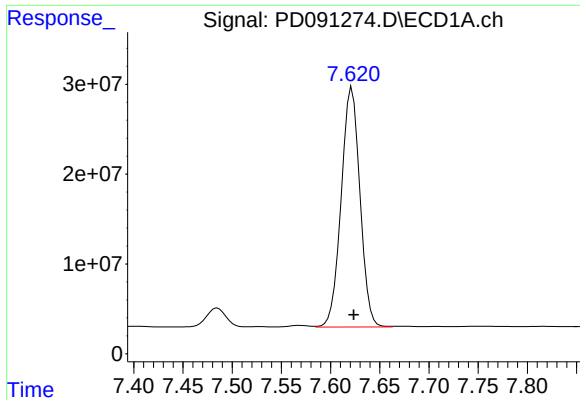
#20 Methoxychlor

R.T.: 7.485 min
Delta R.T.: -0.002 min
Response: 29473405
Conc: 13.56 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: -0.002 min
Response: 246786320
Conc: 12.31 ng/ml



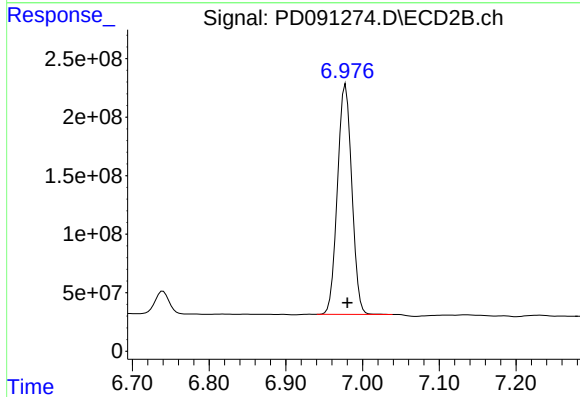
#21 Endrin ketone

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 354265323
Conc: 62.88 ng/ml

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

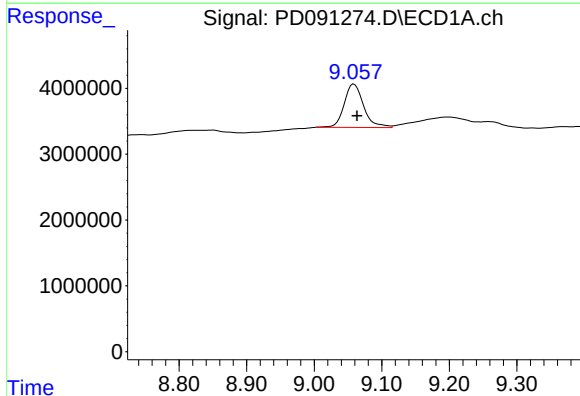
Manual Integrations
APPROVED

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



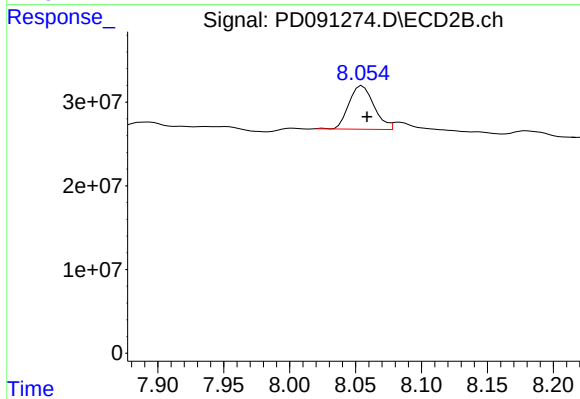
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 2554617118
Conc: 50.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.005 min
Response: 13175973
Conc: 2.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.003 min
Response: 68886524
Conc: 1.74 ng/ml