

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
 Data File : PD089950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2025 01:27
 Operator : AR\AJ
 Sample : Q2870-01MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DRILL CUTTING 1-5 COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/18/2025
 Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:57:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.547	2.877	46237261	370.0E6	18.745m	23.363m
28)	SA Decachlor...	9.067	8.066	66326732	406.9E6	17.848	20.267
Target Compounds							
2)	A alpha-BHC	3.997	3.389	260.3E6	1512.6E6	52.541	62.235m
3)	MA gamma-BHC...	4.328	3.727	251.8E6	1409.7E6	52.977	62.584
4)	MA Heptachlor	4.927	4.080	247.2E6	1427.3E6	51.372	61.495
5)	MB Aldrin	5.268	4.365	239.9E6	1379.4E6	52.543	61.992
6)	B beta-BHC	4.514	4.023	96582765	605.1E6	52.358	62.710
7)	B delta-BHC	4.762	4.259	212.6E6	1252.7E6	46.367	55.150
8)	B Heptachlo...	5.688	4.869	214.0E6	1274.5E6	51.191	62.019
9)	A Endosulfan I	6.071	5.243	202.0E6	1209.5E6	50.971	61.872
10)	B gamma-Chl...	5.943	5.122	212.0E6	1368.5E6	50.737	63.203
11)	B alpha-Chl...	6.023	5.186	214.3E6	1321.9E6	50.983	63.484
12)	B 4,4'-DDE	6.193	5.371	192.2E6	1343.8E6	51.527	63.575
13)	MA Dieldrin	6.344	5.509	214.5E6	1354.9E6	50.800	62.614
14)	MA Endrin	6.571	5.785	181.2E6	1253.6E6	50.634	62.917
15)	B Endosulfa...	6.783	6.076	179.2E6	1172.4E6	48.824	62.365 #
16)	A 4,4'-DDD	6.701	5.925	150.3E6	1079.9E6	50.179	61.244
17)	MA 4,4'-DDT	7.018	6.179	168.0E6	1166.6E6	49.988	63.494 #
18)	B Endrin al...	6.912	6.254	136.3E6	878.6E6	54.597	68.001
19)	B Endosulfa...	7.147	6.478	163.1E6	1102.5E6	47.010	59.381 #
20)	A Methoxychlor	7.490	6.749	85146375	618.1E6	47.622	63.099 #
21)	B Endrin ke...	7.627	6.986	178.9E6	1222.4E6	48.172	60.914 #
22)	Mirex	8.110	7.180	129.7E6	928.2E6	46.520	60.982 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2025 01:27
Operator : AR\AJ
Sample : Q2870-01MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

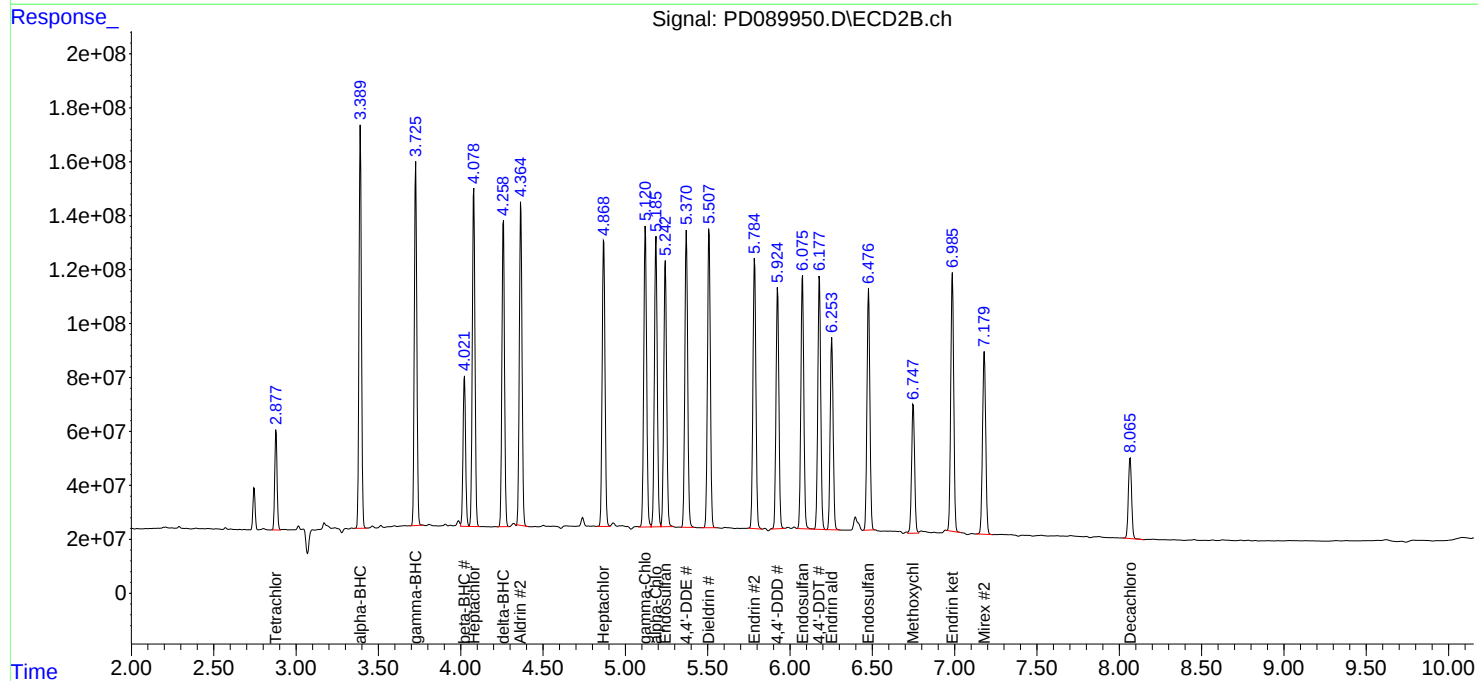
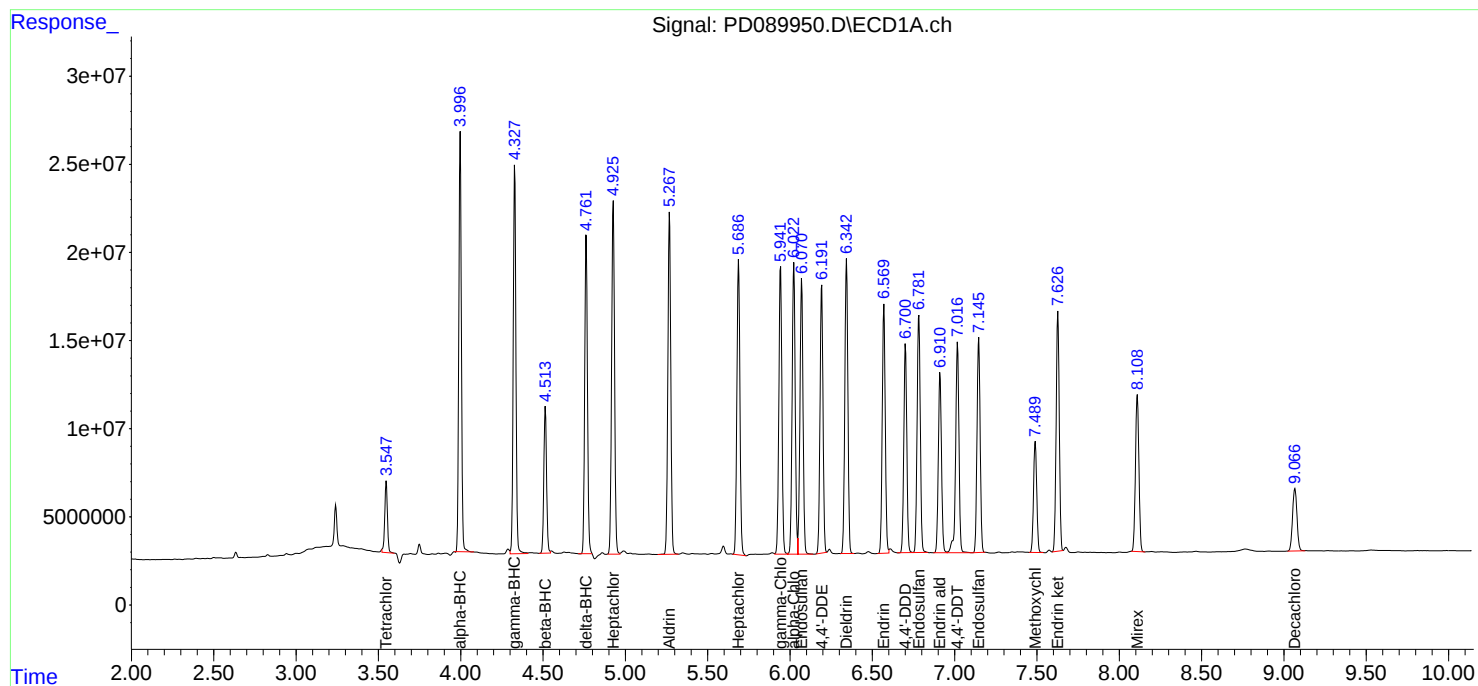
Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSP

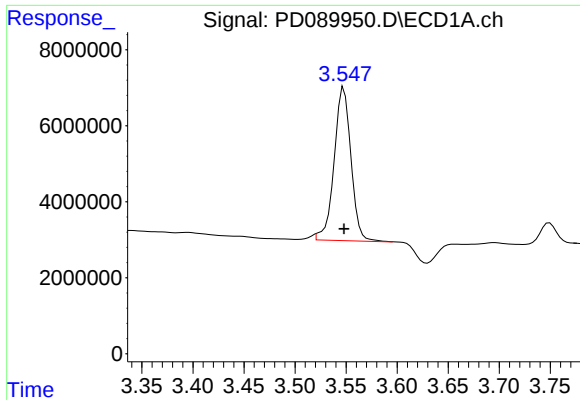
Manual Integrations
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Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:57:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





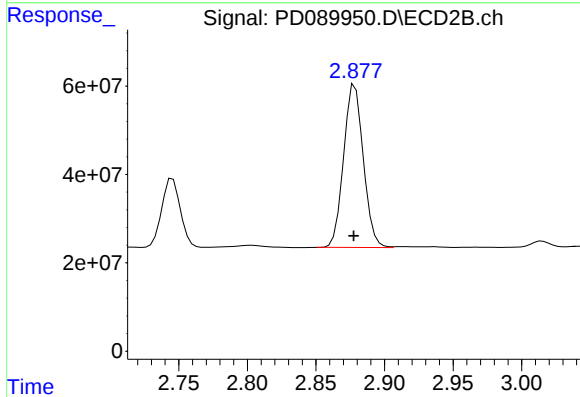
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: -0.001 min
Response: 46237261
Conc: 18.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

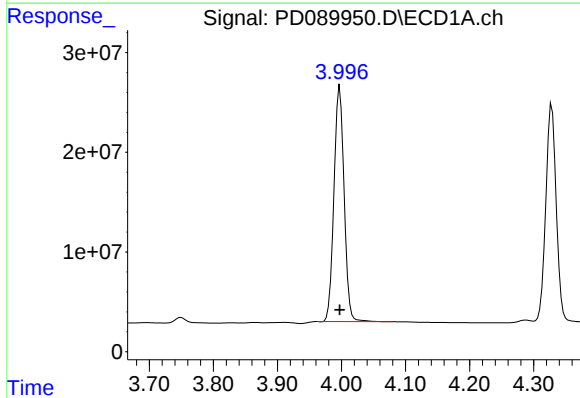
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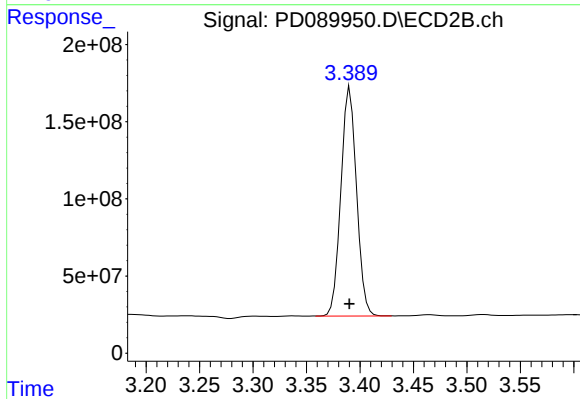
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 370022247
Conc: 23.36 ng/ml m



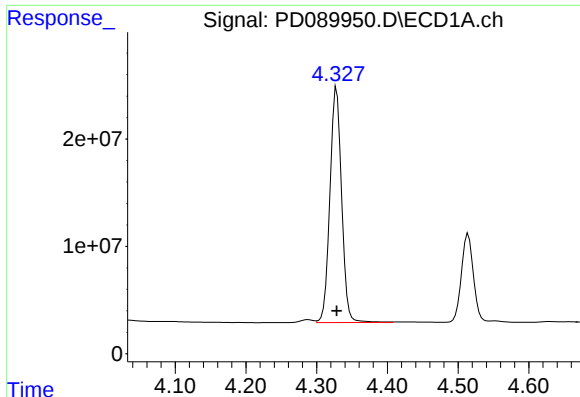
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 260261867
Conc: 52.54 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1512629035
Conc: 62.24 ng/ml m



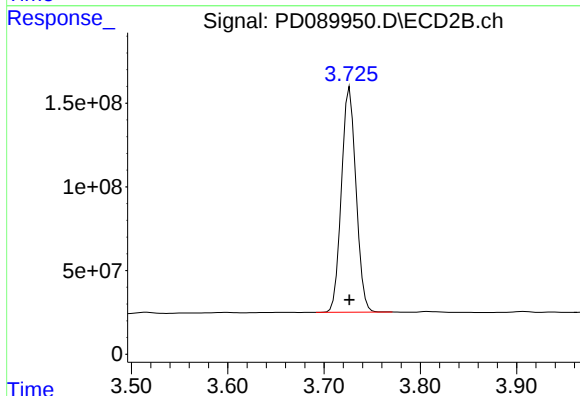
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 251766758
Conc: 52.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

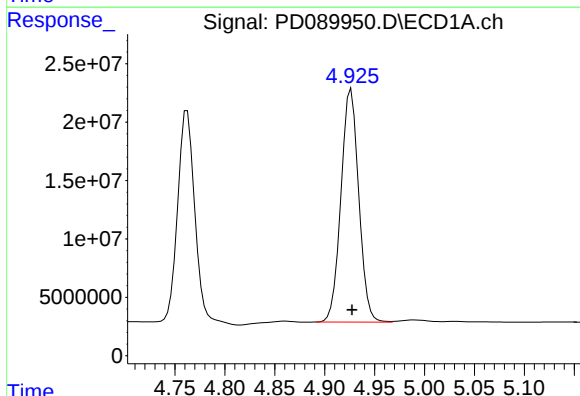
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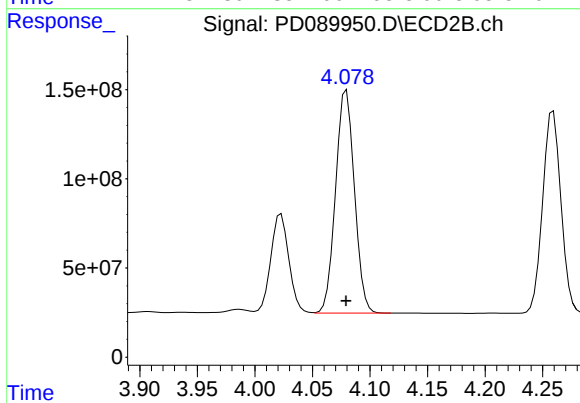
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 1409650277
Conc: 62.58 ng/ml



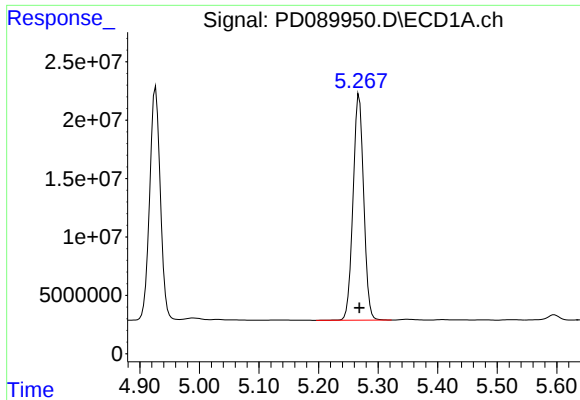
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 247179344
Conc: 51.37 ng/ml



#4 Heptachlor

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 1427257123
Conc: 61.50 ng/ml



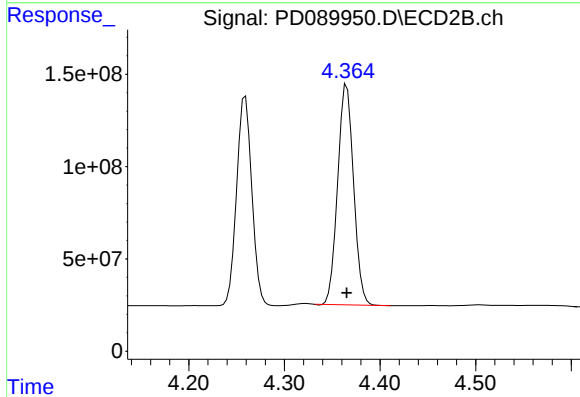
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 239855909
Conc: 52.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

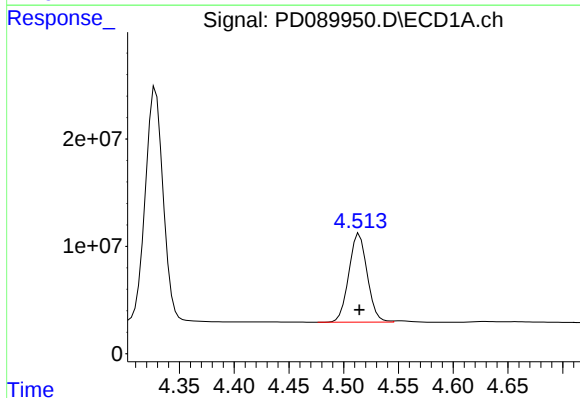
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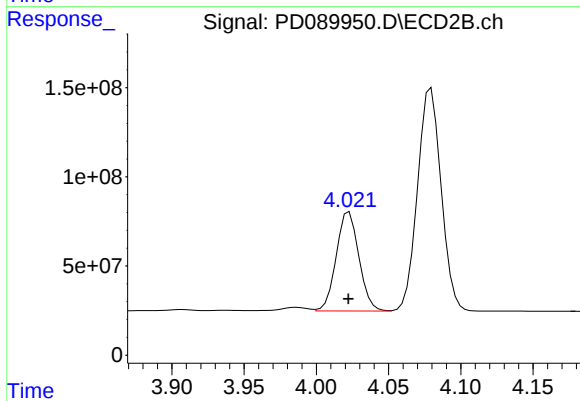
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1379369385
Conc: 61.99 ng/ml



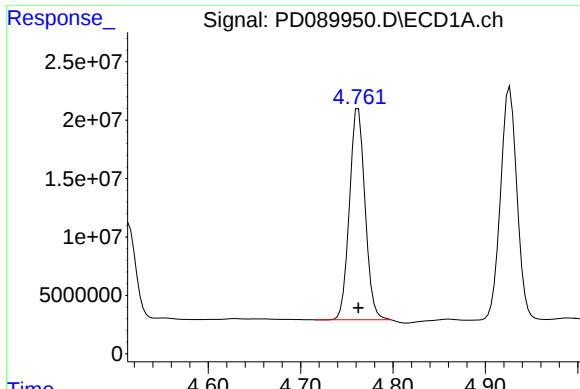
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 96582765
Conc: 52.36 ng/ml



#6 beta-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 605089086
Conc: 62.71 ng/ml



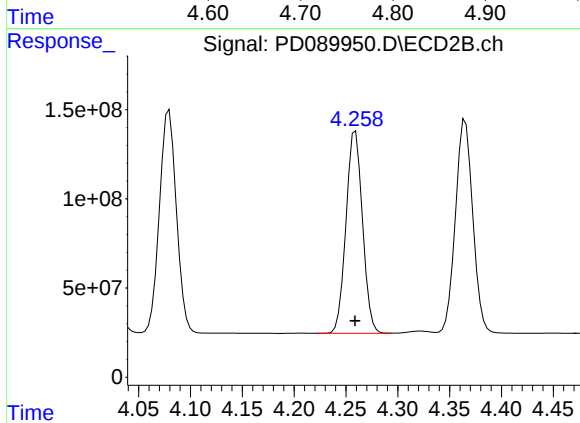
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 212649665
Conc: 46.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

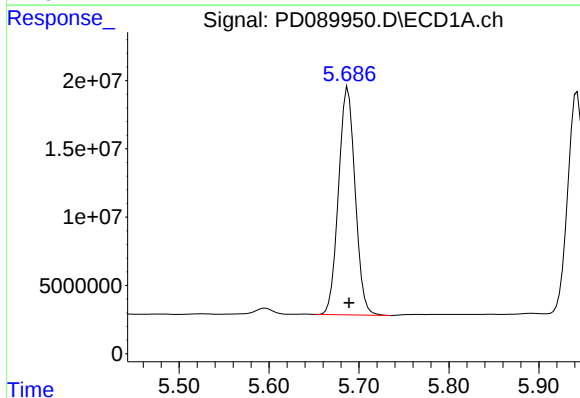
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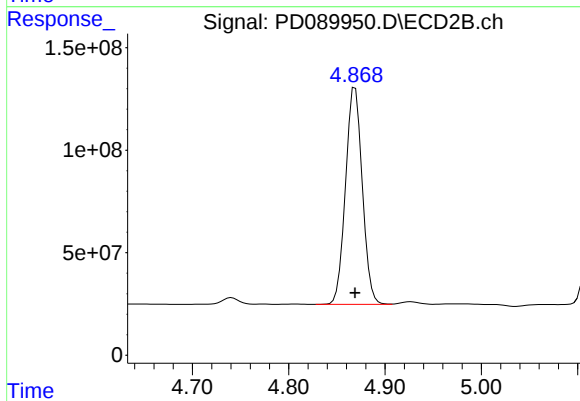
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1252743927
Conc: 55.15 ng/ml



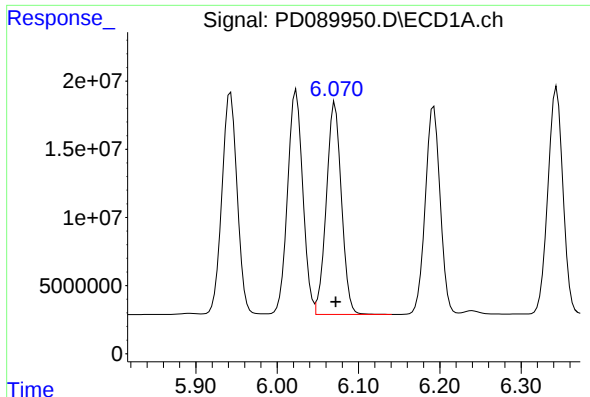
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 214014935
Conc: 51.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 1274477877
Conc: 62.02 ng/ml



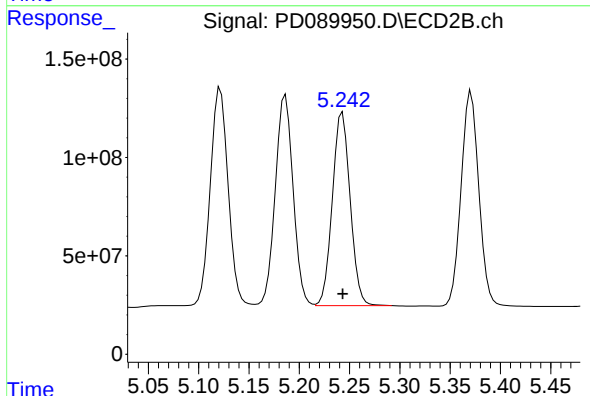
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 202029743
Conc: 50.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

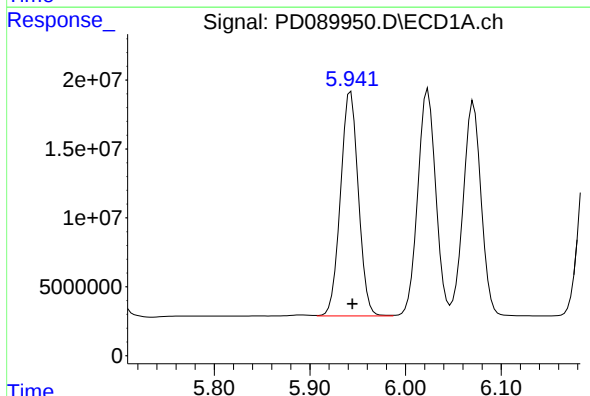
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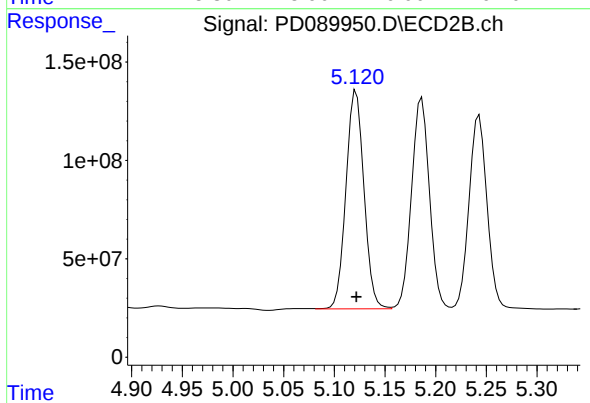
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 1209491245
Conc: 61.87 ng/ml



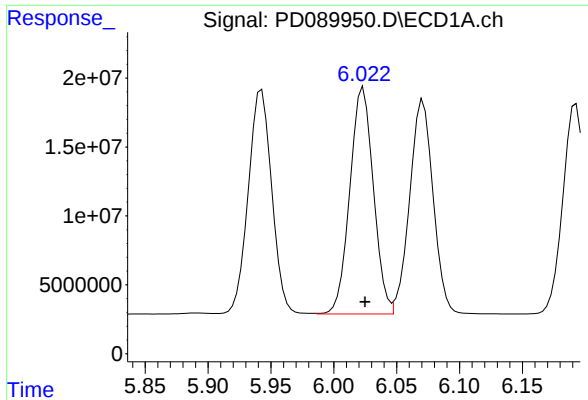
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 212032917
Conc: 50.74 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 1368548485
Conc: 63.20 ng/ml



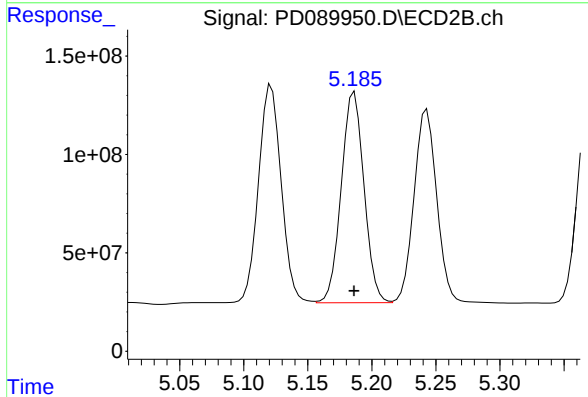
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: -0.001 min
Response: 214339026
Conc: 50.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

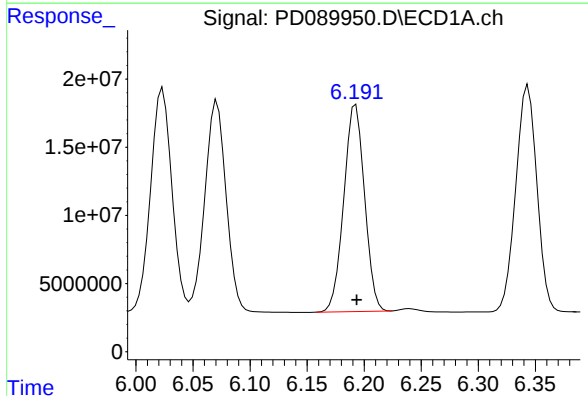
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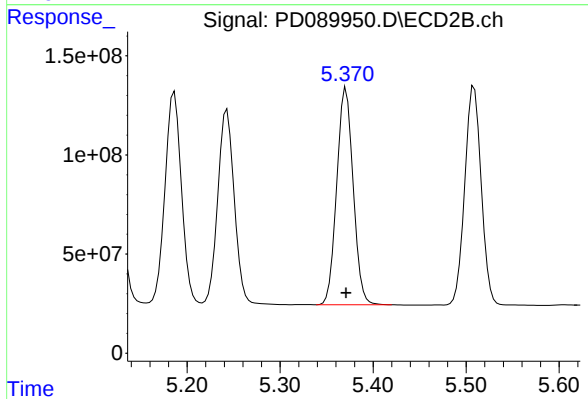
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 1321867722
Conc: 63.48 ng/ml



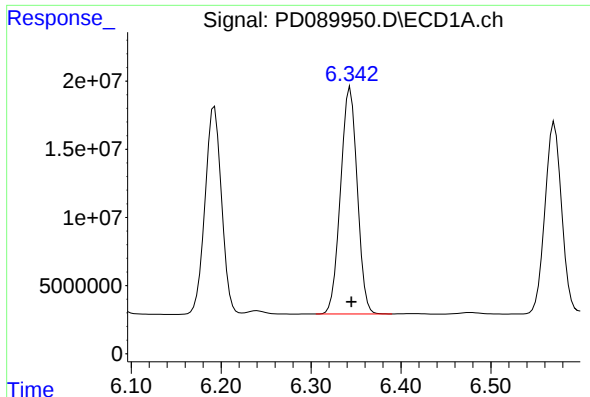
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 192183252
Conc: 51.53 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 1343787901
Conc: 63.57 ng/ml



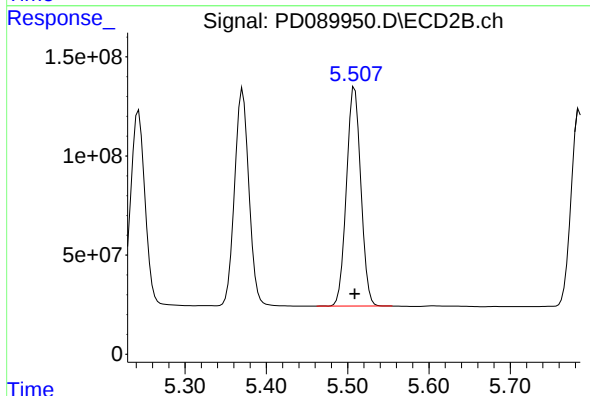
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.001 min
Response: 214549202
Conc: 50.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

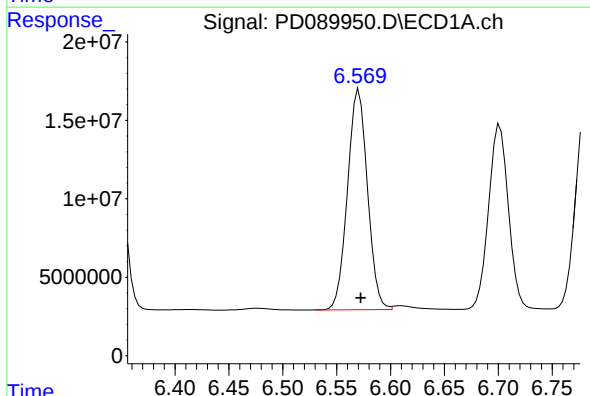
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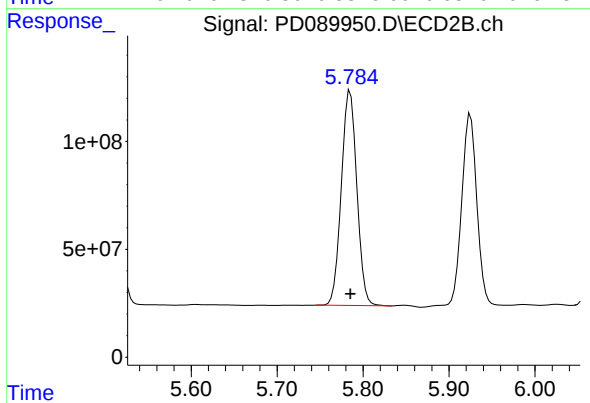
#13 Dieldrin

R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 1354907694
Conc: 62.61 ng/ml



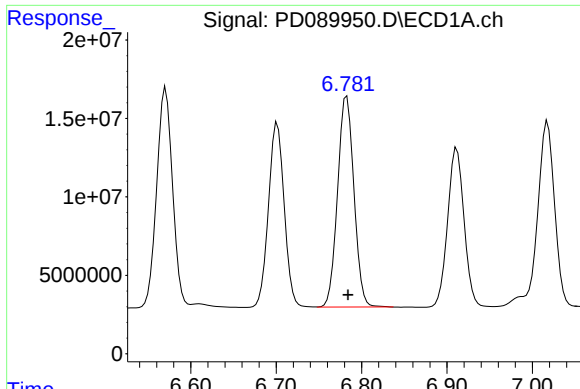
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 181153339
Conc: 50.63 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1253633146
Conc: 62.92 ng/ml



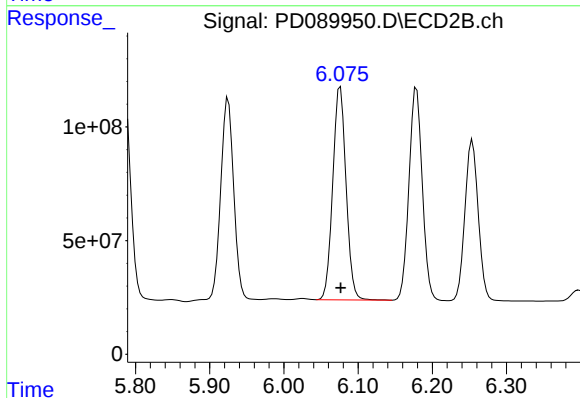
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: -0.001 min
Response: 179154579
Conc: 48.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

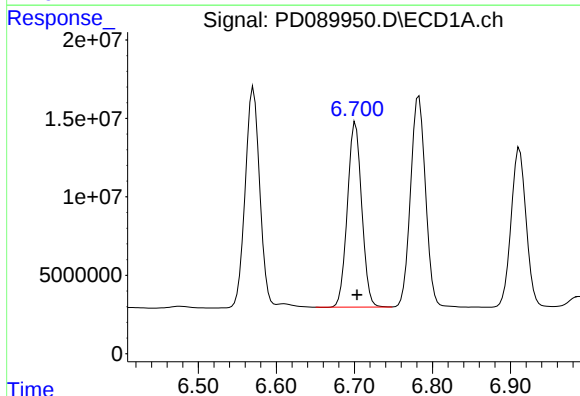
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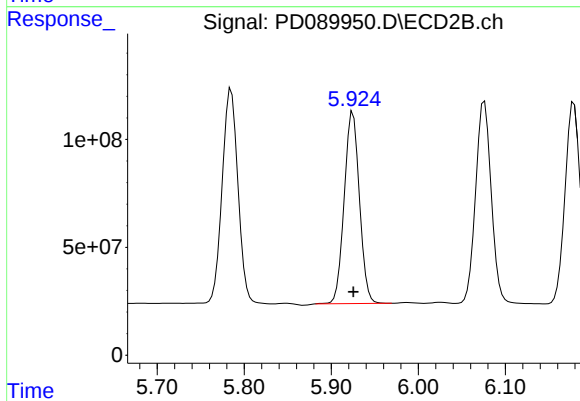
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1172422679
Conc: 62.36 ng/ml



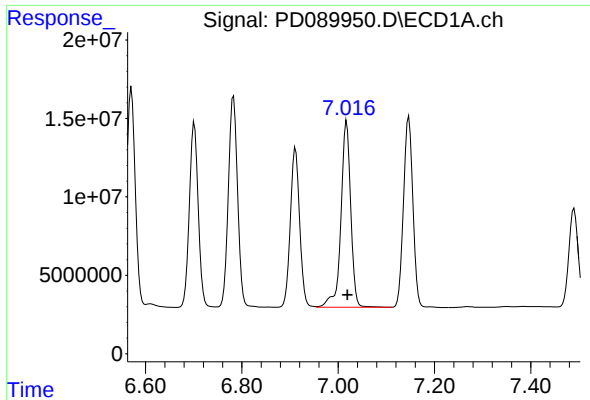
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.002 min
Response: 150276539
Conc: 50.18 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 1079884172
Conc: 61.24 ng/ml



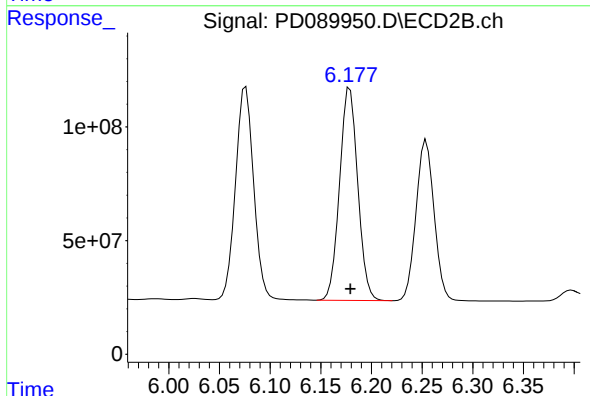
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 167972430
Conc: 49.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

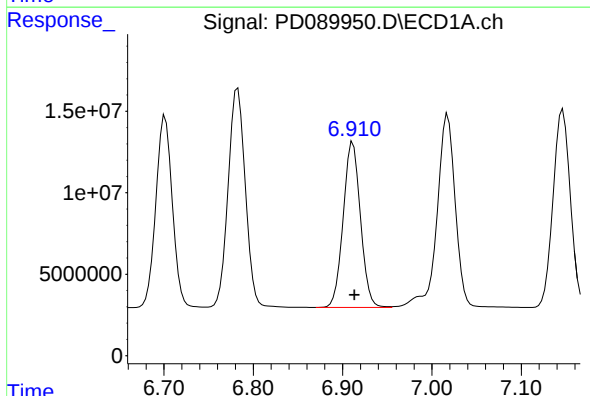
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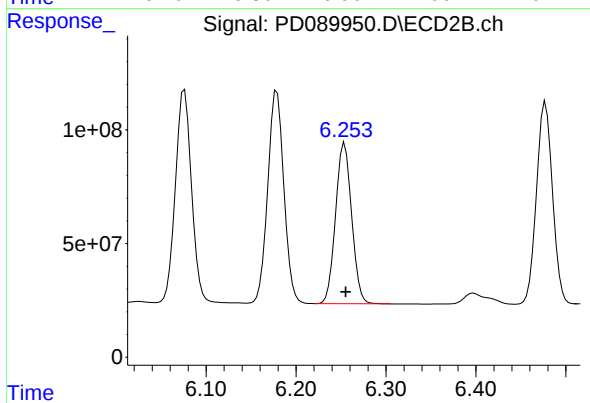
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 1166559823
Conc: 63.49 ng/ml



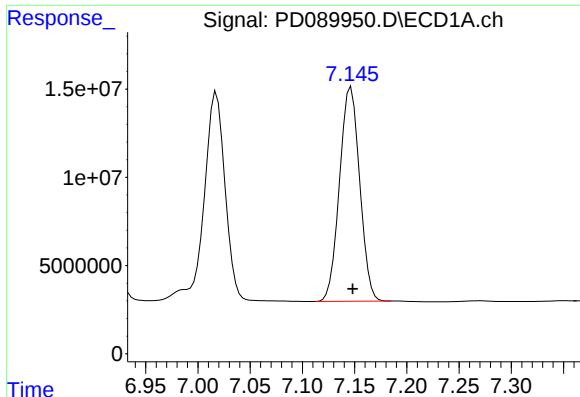
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: -0.002 min
Response: 136250704
Conc: 54.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 878605293
Conc: 68.00 ng/ml



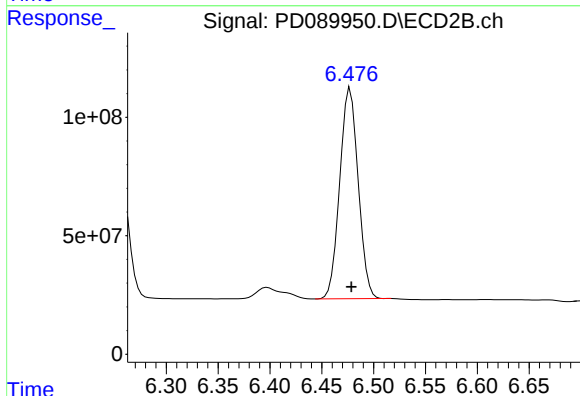
#19 Endosulfan Sulfate

R.T.: 7.147 min
Delta R.T.: -0.001 min
Response: 163128564
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

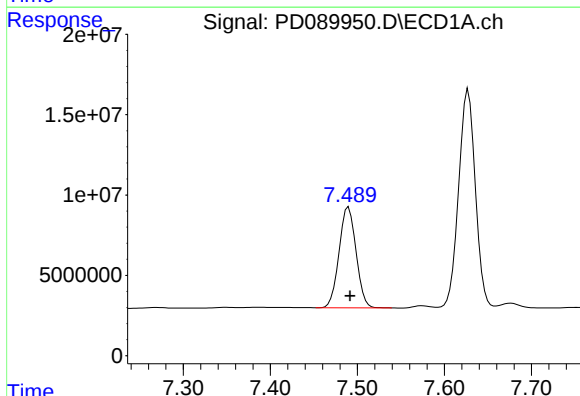
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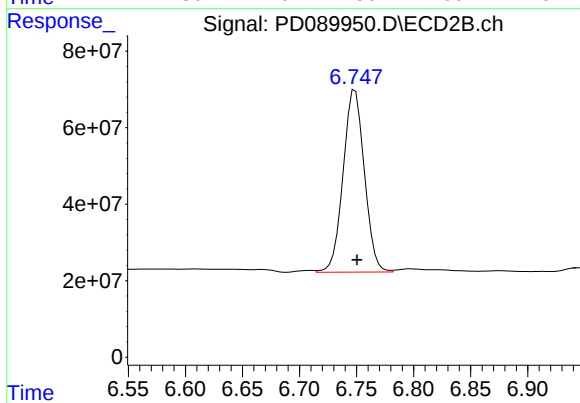
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 1102451211
Conc: 59.38 ng/ml



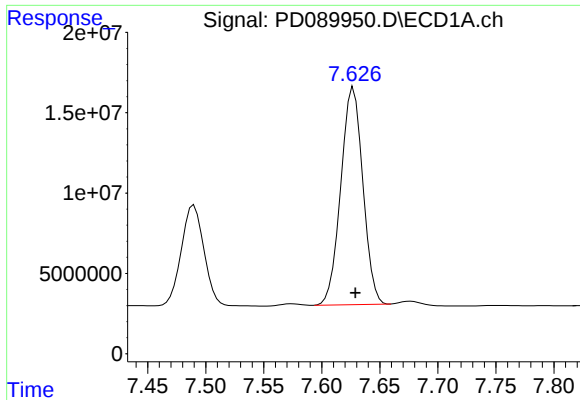
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.002 min
Response: 85146375
Conc: 47.62 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 618090568
Conc: 63.10 ng/ml



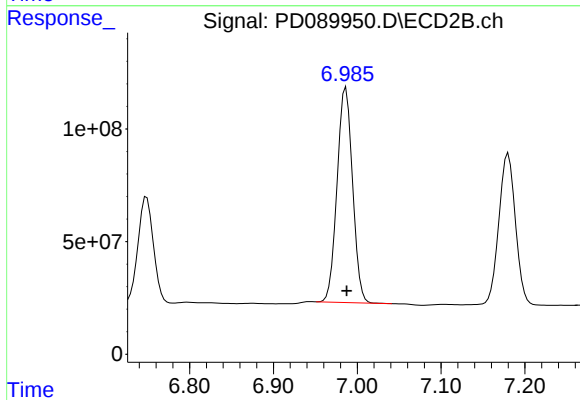
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.001 min
Response: 178917060
Conc: 48.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

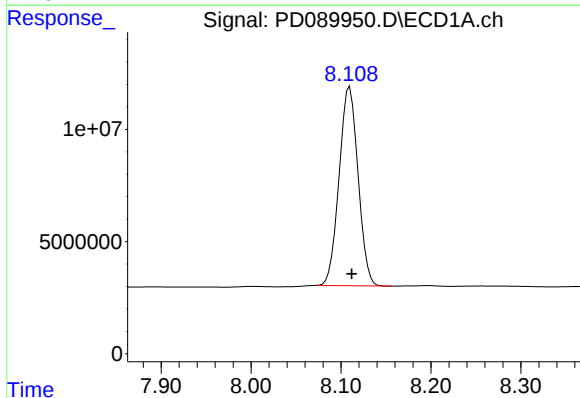
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



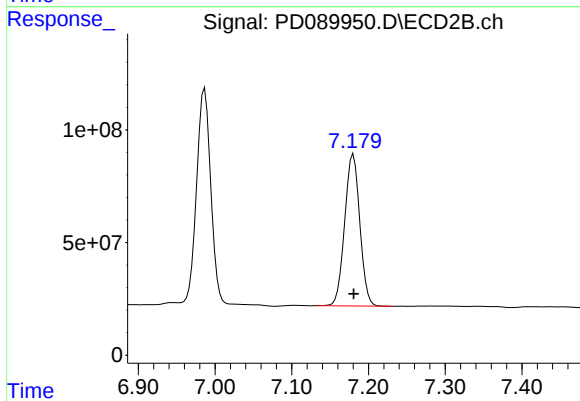
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.001 min
Response: 1222434773
Conc: 60.91 ng/ml



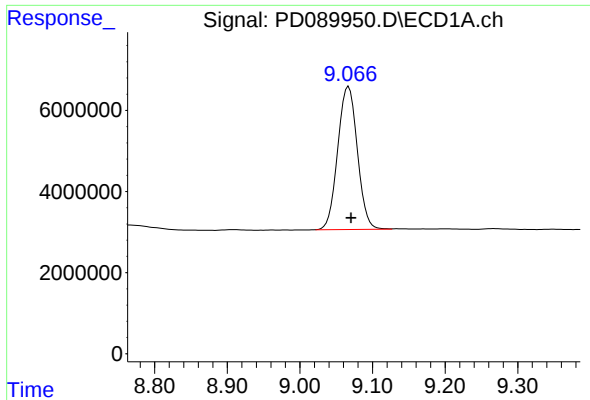
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.002 min
Response: 129711327
Conc: 46.52 ng/ml



#22 Mirex

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 928222314
Conc: 60.98 ng/ml



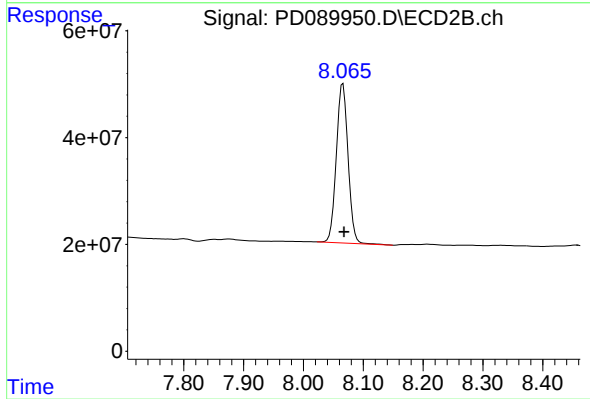
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: -0.004 min
Response: 66326732
Conc: 17.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 406920221
Conc: 20.27 ng/ml