

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
 Data File : PD089949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2025 01:13
 Operator : AR\AJ
 Sample : Q2870-01MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DRILL CUTTING 1-5 COMPMS

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 01:57:08 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...	3.548	2.877	44175332	371.0E6	17.910	23.422m#
28)	SA Decachlor...	9.067	8.065	66358918	409.8E6	17.856	20.410
Target Compounds							
2)	A alpha-BHC	3.997	3.389	260.1E6	1516.4E6	52.502	62.390m
3)	MA gamma-BHC...	4.328	3.727	251.7E6	1412.0E6	52.960	62.688
4)	MA Heptachlor	4.926	4.079	247.8E6	1434.8E6	51.496	61.819
5)	MB Aldrin	5.268	4.365	239.6E6	1382.7E6	52.495	62.144
6)	B beta-BHC	4.514	4.022	96648789	607.0E6	52.393	62.911
7)	B delta-BHC	4.762	4.259	213.6E6	1256.5E6	46.564	55.316
8)	B Heptachlo...	5.688	4.869	214.0E6	1287.0E6	51.179	62.630
9)	A Endosulfan I	6.071	5.243	202.5E6	1215.7E6	51.084	62.190
10)	B gamma-Chl...	5.943	5.121	213.1E6	1379.6E6	50.983	63.715
11)	B alpha-Chl...	6.024	5.186	215.1E6	1327.1E6	51.157	63.736
12)	B 4,4'-DDE	6.193	5.370	192.2E6	1351.5E6	51.523	63.940
13)	MA Dieldrin	6.343	5.508	215.3E6	1362.1E6	50.973	62.947
14)	MA Endrin	6.571	5.785	181.5E6	1272.3E6	50.724	63.856 #
15)	B Endosulfa...	6.783	6.076	179.9E6	1177.8E6	49.035	62.652 #
16)	A 4,4'-DDD	6.702	5.925	150.9E6	1081.1E6	50.372	61.313
17)	MA 4,4'-DDT	7.018	6.178	167.1E6	1173.1E6	49.728	63.849 #
18)	B Endrin al...	6.912	6.254	136.5E6	883.2E6	54.707	68.360
19)	B Endosulfa...	7.146	6.477	163.8E6	1104.0E6	47.190	59.464 #
20)	A Methoxychlor	7.489	6.749	85389443	628.5E6	47.758	64.160 #
21)	B Endrin ke...	7.627	6.986	179.5E6	1222.2E6	48.333	60.902 #
22)	Mirex	8.110	7.179	129.9E6	930.3E6	46.578	61.117 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2025 01:13
Operator : AR\AJ
Sample : Q2870-01MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

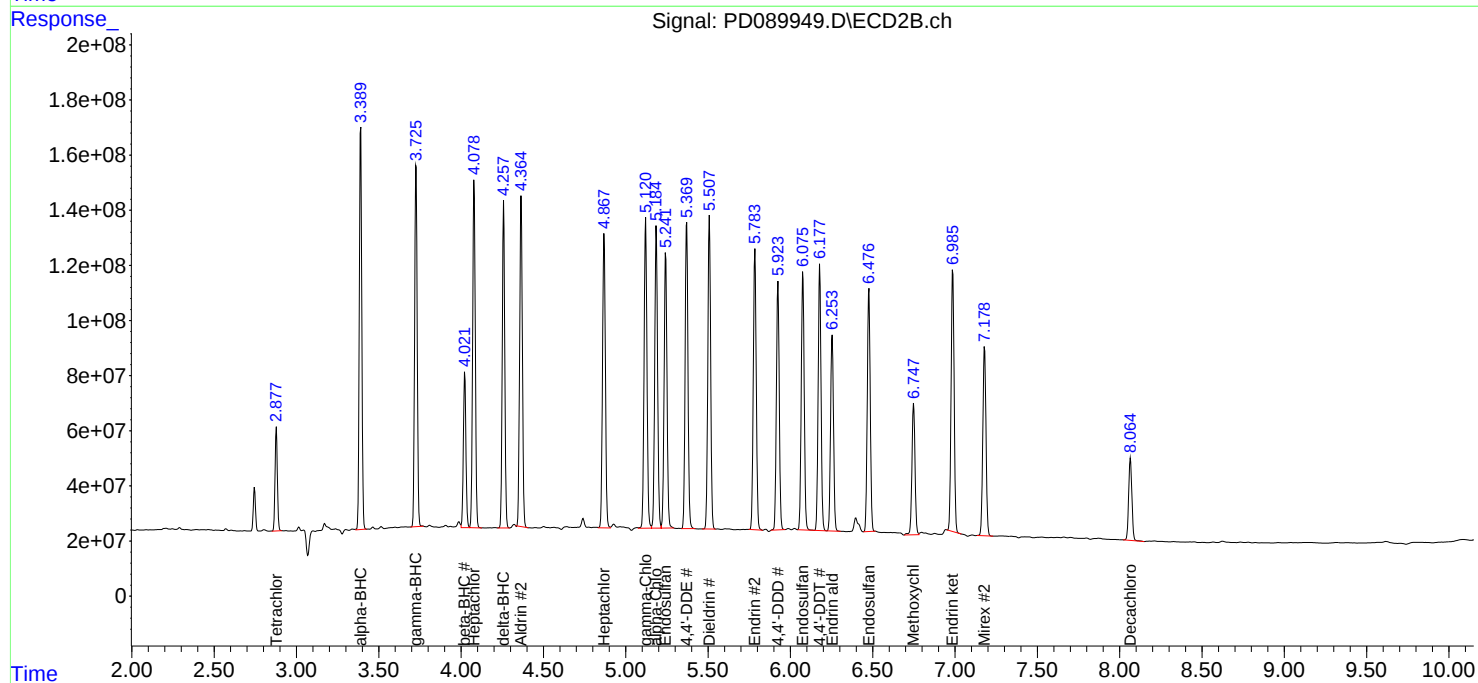
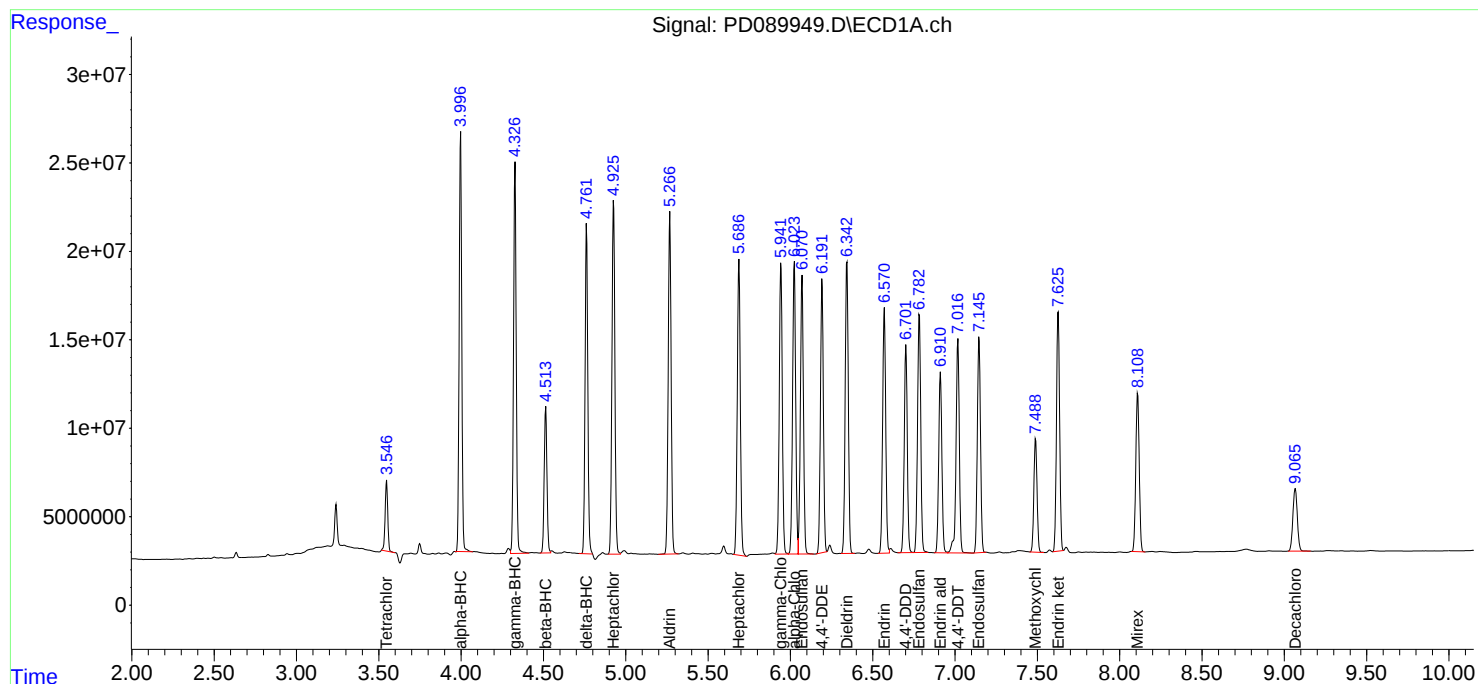
Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

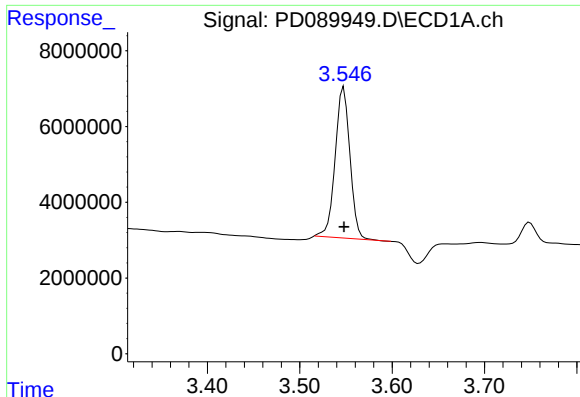
Manual Integrations
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Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:57:08 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





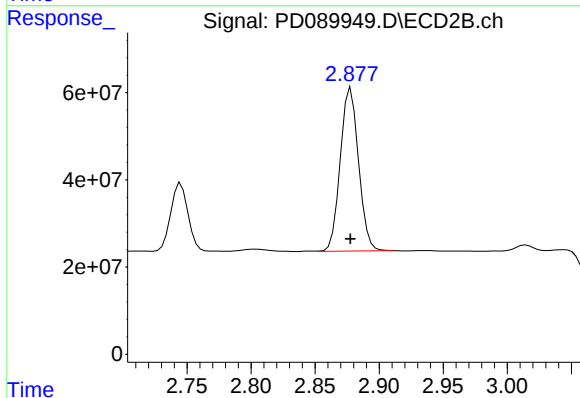
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 44175332
Conc: 17.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

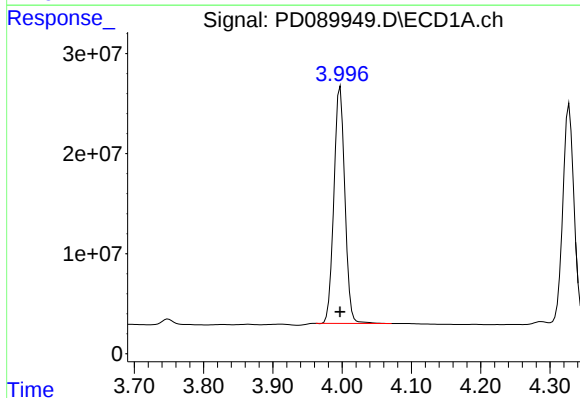
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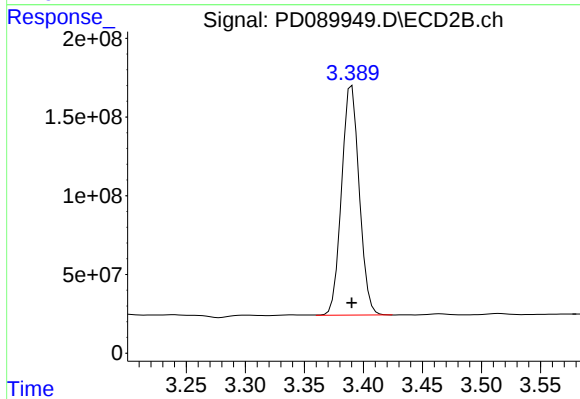
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 370955320
Conc: 23.42 ng/ml m



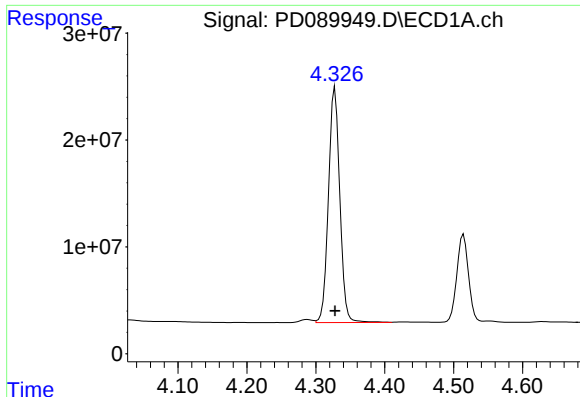
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 260068944
Conc: 52.50 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: -0.001 min
Response: 1516395326
Conc: 62.39 ng/ml m



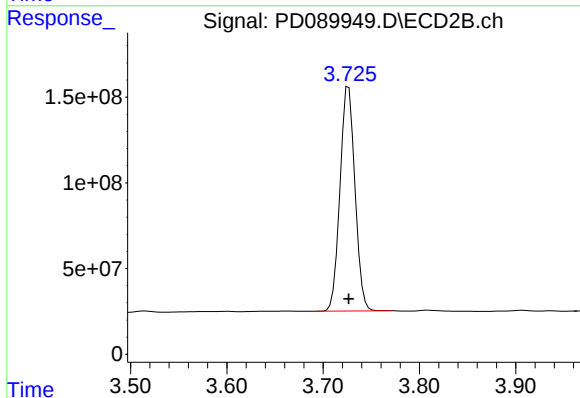
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 251686013
Conc: 52.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

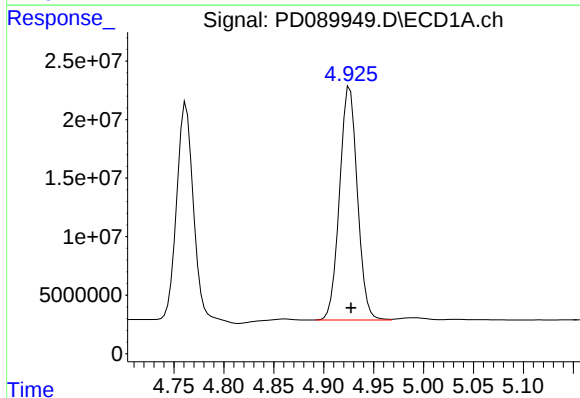
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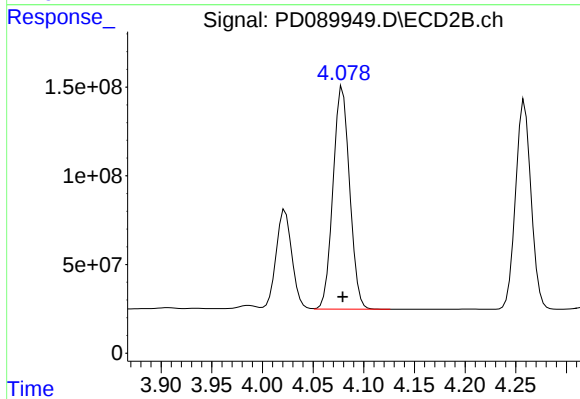
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 1411990646
Conc: 62.69 ng/ml



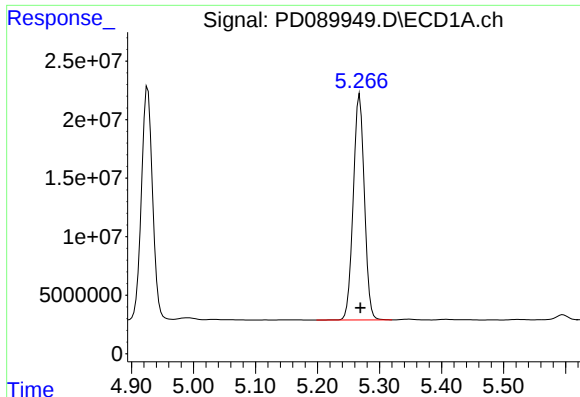
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.001 min
Response: 247773872
Conc: 51.50 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1434773940
Conc: 61.82 ng/ml



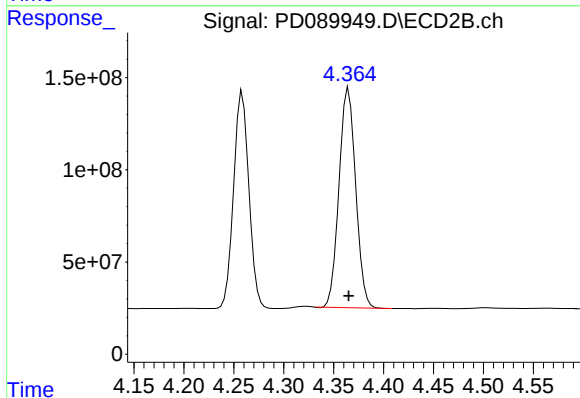
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 239633262
Conc: 52.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

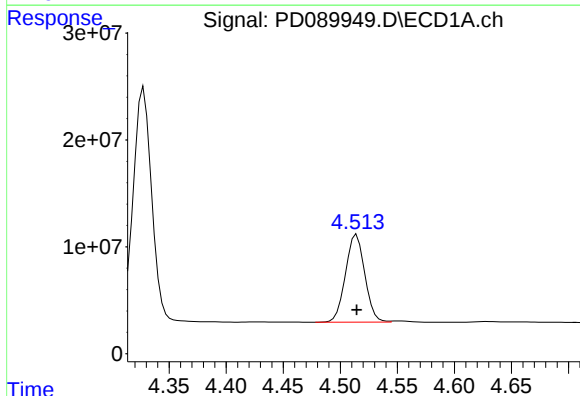
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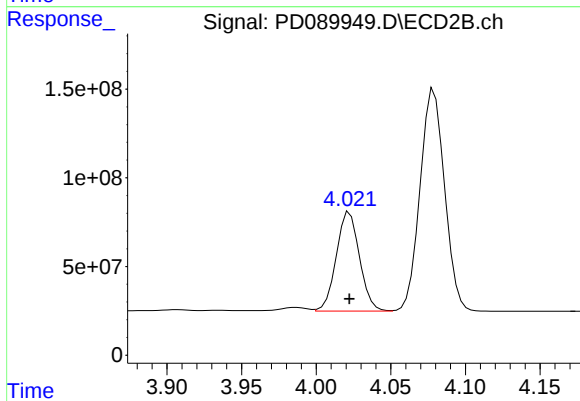
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 1382742761
Conc: 62.14 ng/ml



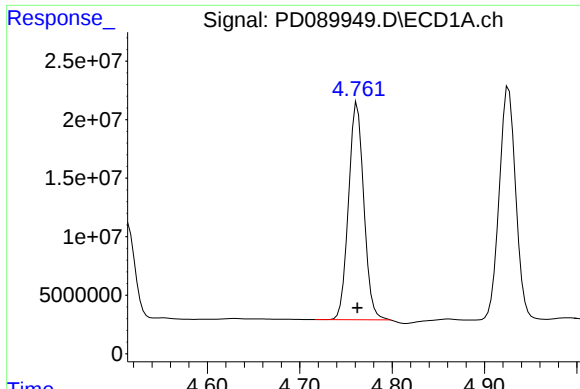
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 96648789
Conc: 52.39 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 607028598
Conc: 62.91 ng/ml



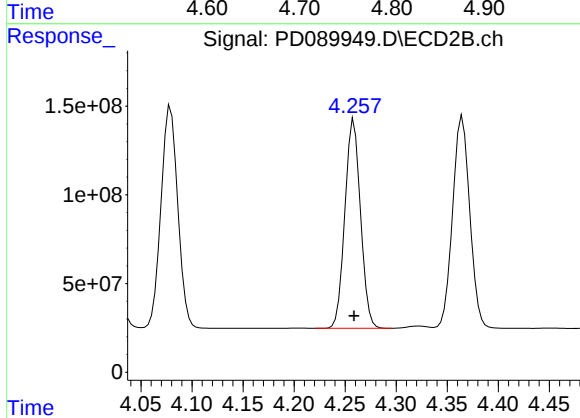
#7 delta-BHC

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 213551896
Conc: 46.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

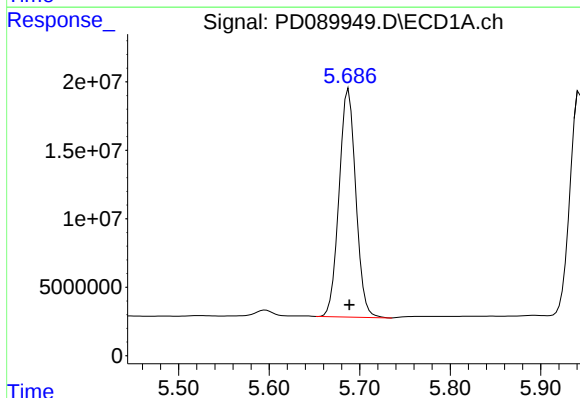
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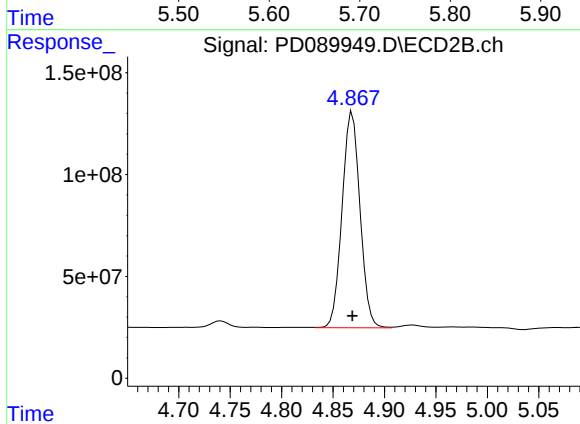
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1256507964
Conc: 55.32 ng/ml



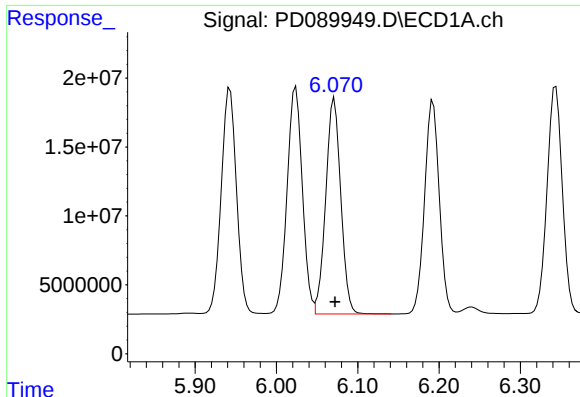
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 213963432
Conc: 51.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 1287034038
Conc: 62.63 ng/ml



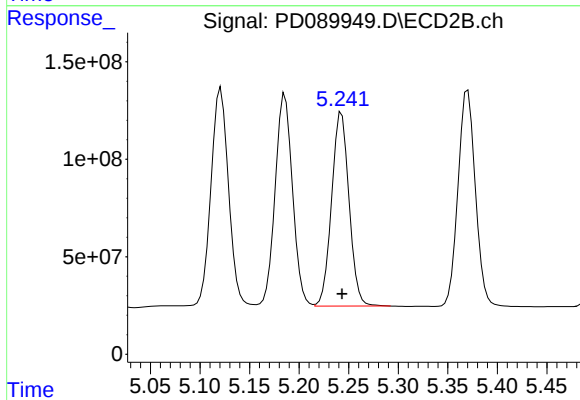
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 202475609
Conc: 51.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

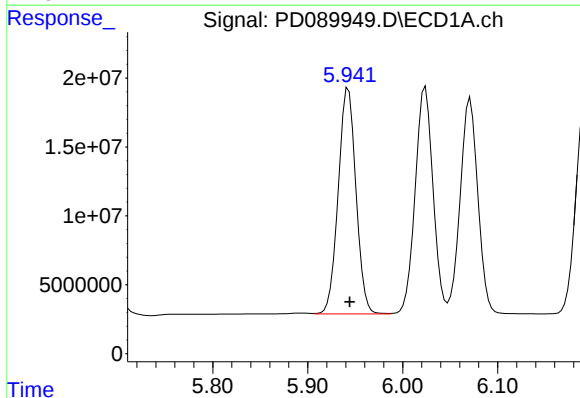
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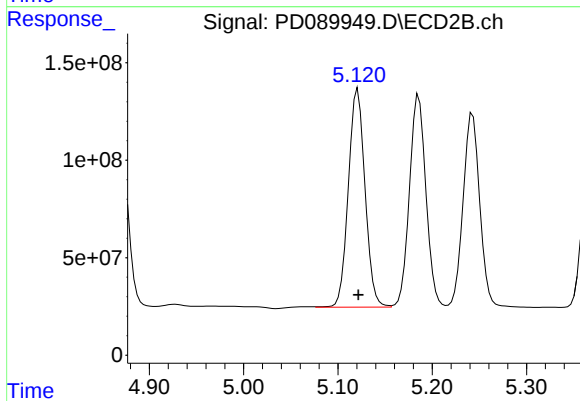
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 1215701567
Conc: 62.19 ng/ml



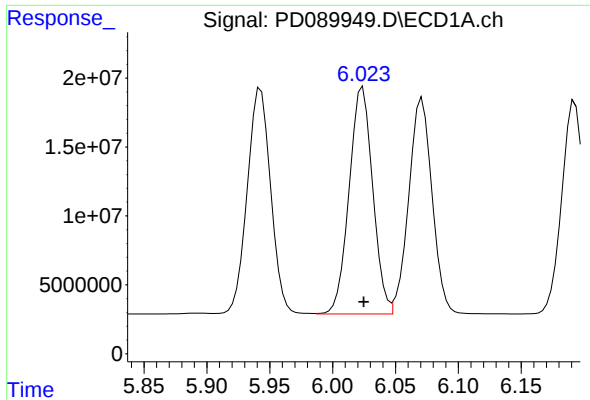
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 213063502
Conc: 50.98 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 1379648989
Conc: 63.72 ng/ml



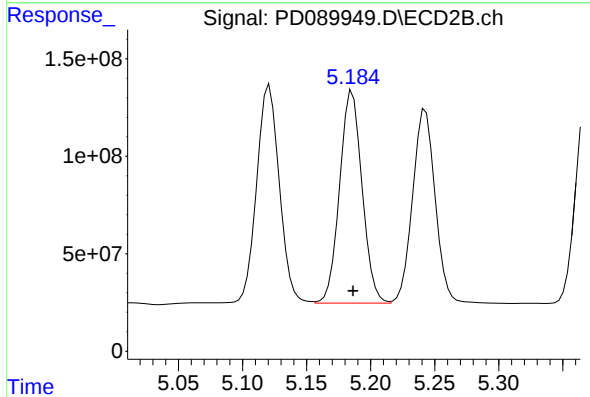
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 215074204
Conc: 51.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

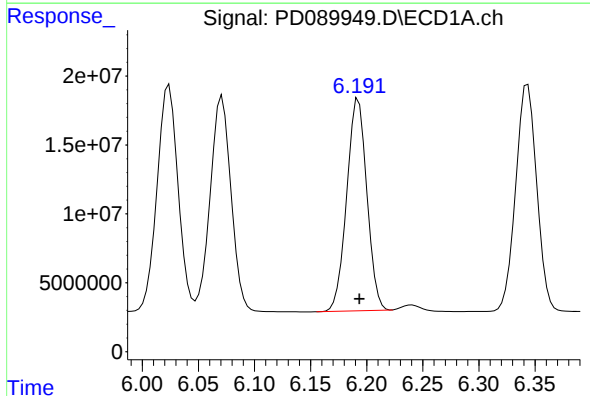
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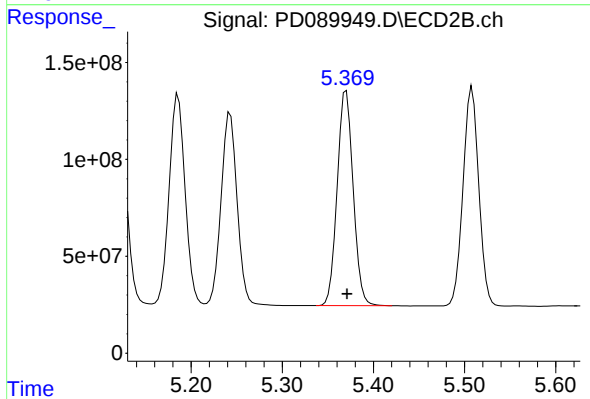
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 1327112139
Conc: 63.74 ng/ml



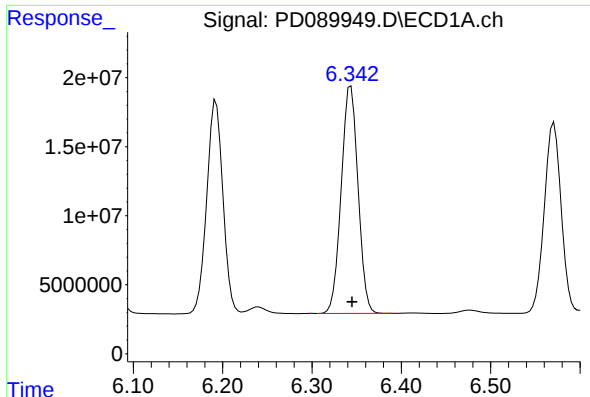
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 192168962
Conc: 51.52 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 1351499932
Conc: 63.94 ng/ml



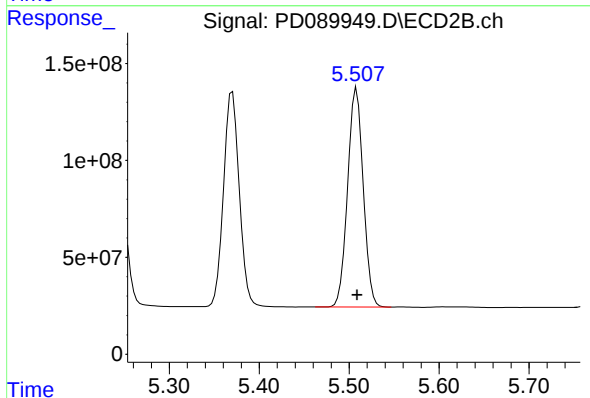
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 215279270
Conc: 50.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

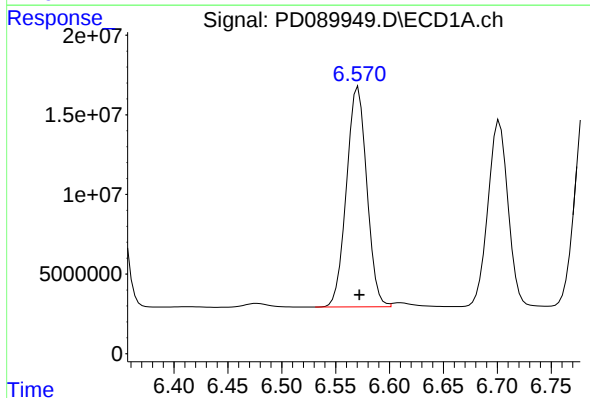
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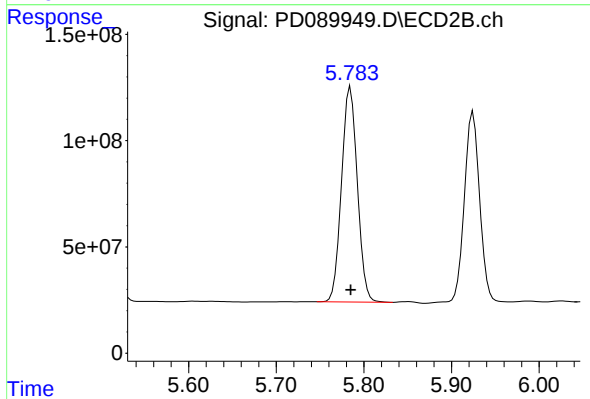
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1362099931
Conc: 62.95 ng/ml



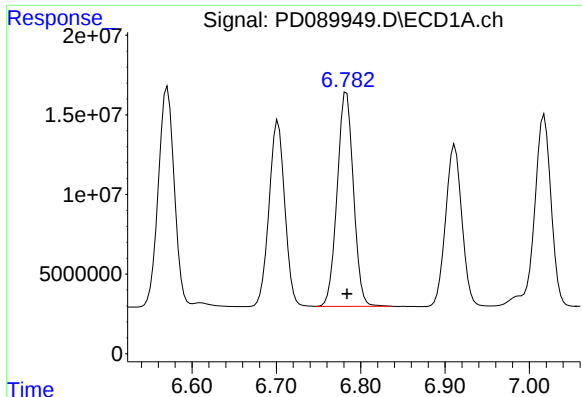
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 181477741
Conc: 50.72 ng/ml



#14 Endrin

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1272343057
Conc: 63.86 ng/ml



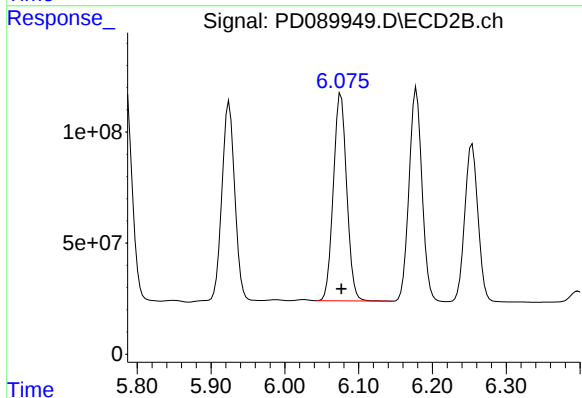
#15 Endosulfan II

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 179929915
Conc: 49.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

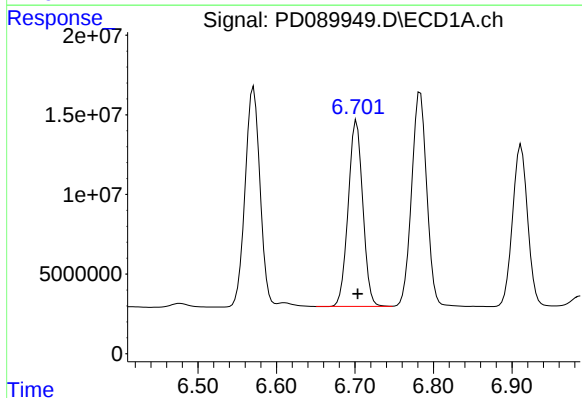
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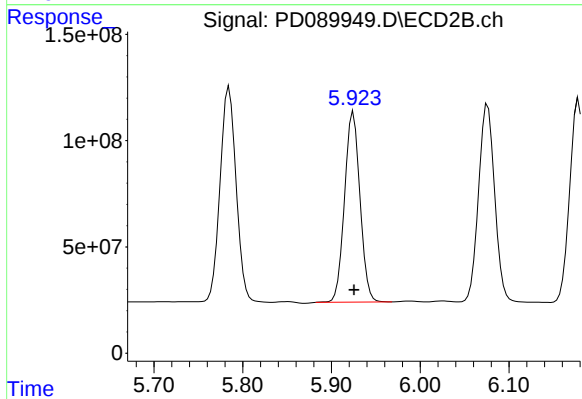
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1177826085
Conc: 62.65 ng/ml



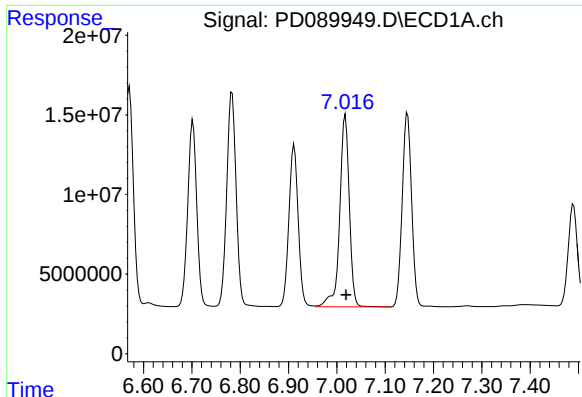
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 150856130
Conc: 50.37 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 1081105188
Conc: 61.31 ng/ml



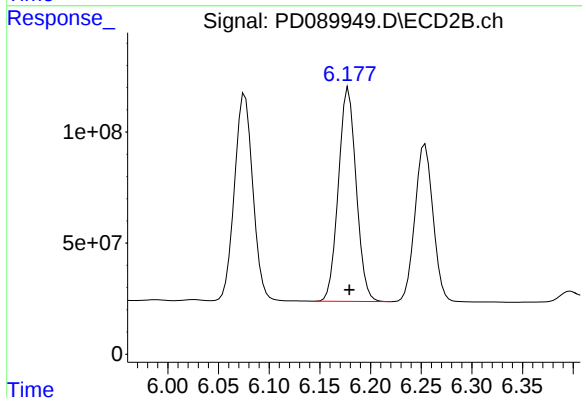
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 167097471
Conc: 49.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

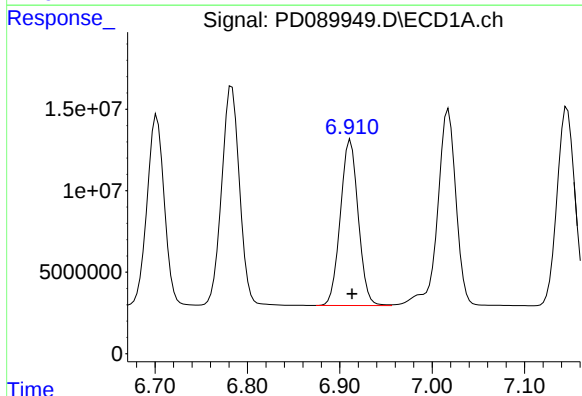
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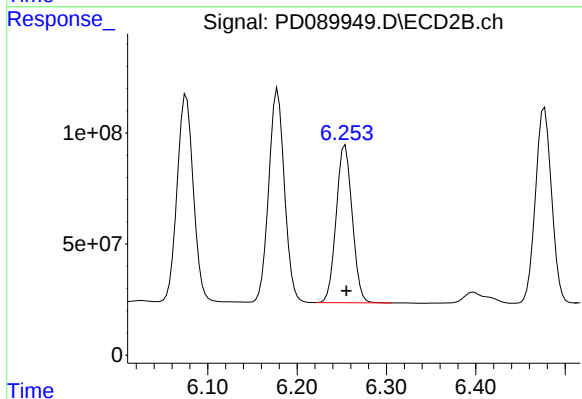
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.001 min
Response: 1173082497
Conc: 63.85 ng/ml



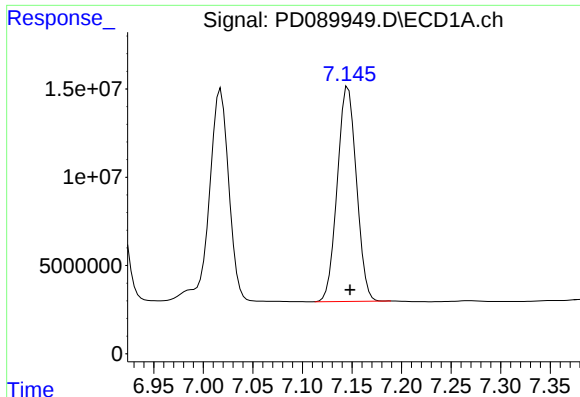
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: -0.002 min
Response: 136526197
Conc: 54.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 883234801
Conc: 68.36 ng/ml



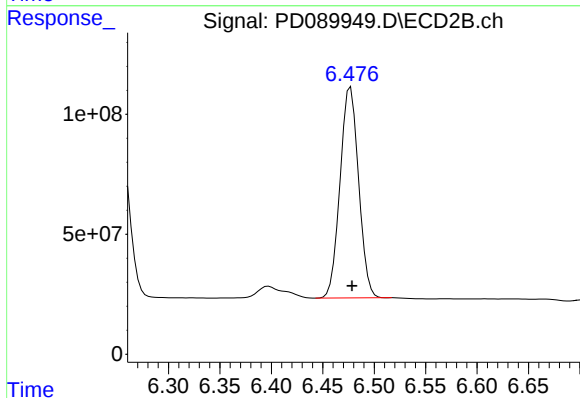
#19 Endosulfan Sulfate

R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 163752075
Conc: 47.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

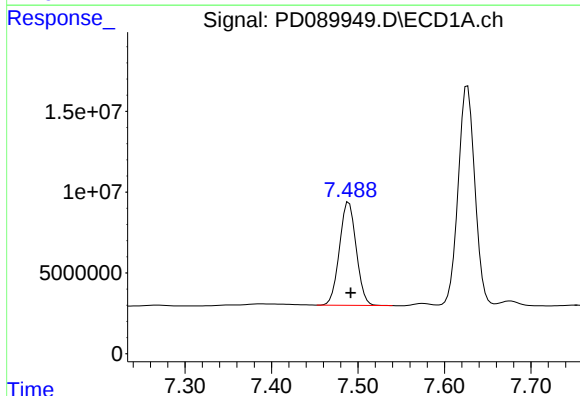
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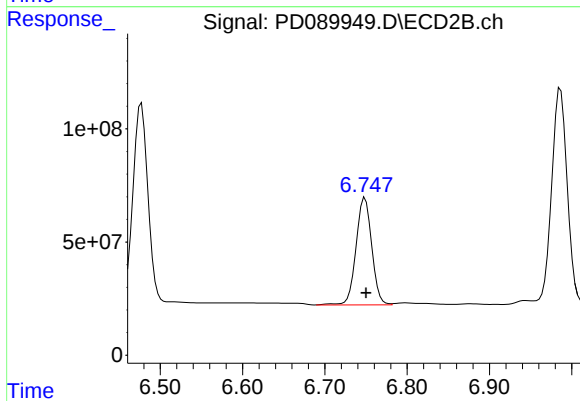
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: -0.001 min
Response: 1103976374
Conc: 59.46 ng/ml



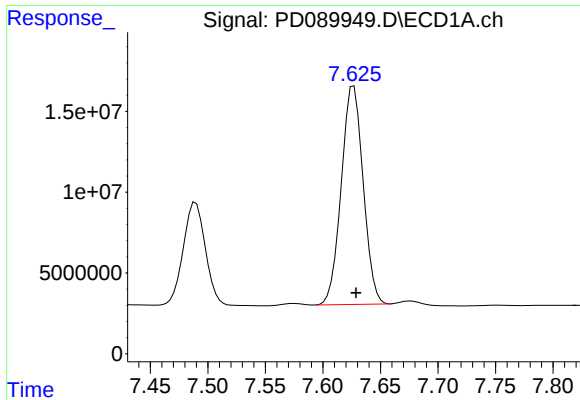
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 85389443
Conc: 47.76 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 628478386
Conc: 64.16 ng/ml



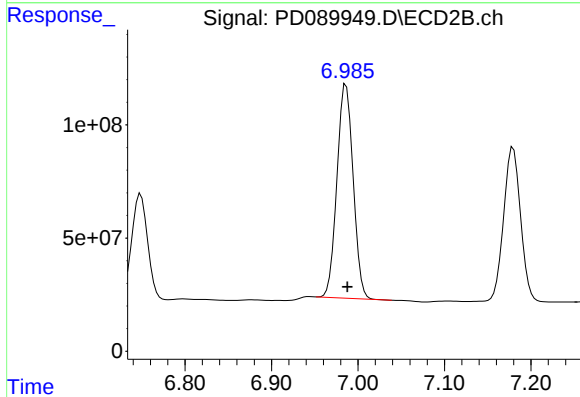
#21 Endrin ketone

R.T.: 7.627 min
Delta R.T.: -0.002 min
Response: 179514417
Conc: 48.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

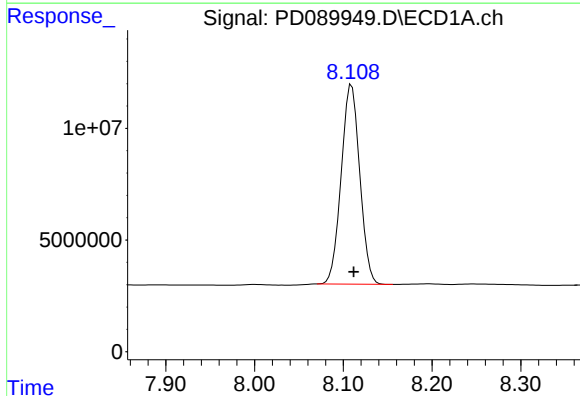
Manual Integrations
APPROVED

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



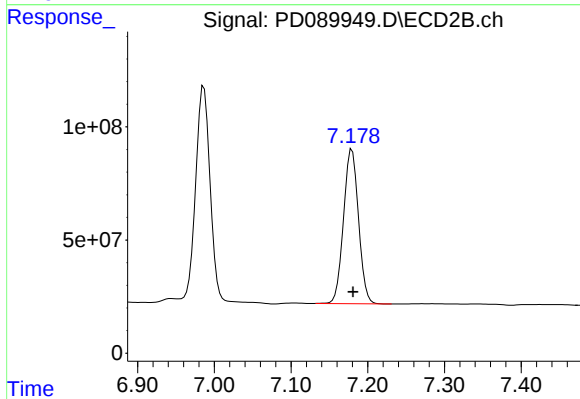
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.001 min
Response: 1222191969
Conc: 60.90 ng/ml



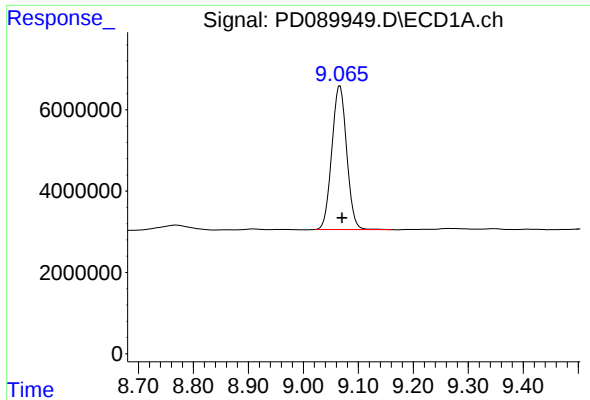
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.002 min
Response: 129875386
Conc: 46.58 ng/ml



#22 Mirex

R.T.: 7.179 min
Delta R.T.: -0.002 min
Response: 930276948
Conc: 61.12 ng/ml



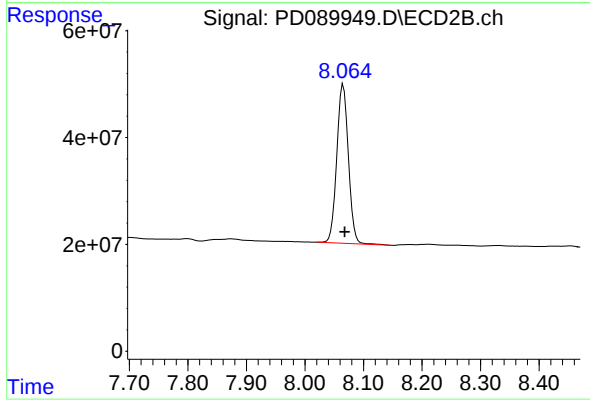
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: -0.004 min
Response: 66358918
Conc: 17.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
DRILL CUTTING 1-5 COMPMS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 409788547
Conc: 20.41 ng/ml