

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2025 00:24
 Operator : AR\AJ
 Sample : Q3343-04MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 02:34:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.545	2.874	55406382	527.8E6	17.792	17.725
28)	SA Decachlor...	9.066	8.061	83325428	461.8E6	17.812	15.244
Target Compounds							
2)	A alpha-BHC	3.994	3.386	366.5E6	2410.2E6	51.067	47.170
3)	MA gamma-BHC...	4.324	3.722	338.3E6	2242.5E6	49.763	47.462
4)	MA Heptachlor	4.923	4.074	263.2E6	1974.6E6	47.097	44.271
5)	MB Aldrin	5.264	4.360	313.5E6	2153.6E6	47.890	46.496
6)	B beta-BHC	4.512	4.018	125.5E6	924.8E6	47.914	46.636
7)	B delta-BHC	4.760	4.254	351.5E6	2254.5E6	51.987	47.247
8)	B Heptachlo...	5.684	4.863	291.9E6	1976.5E6	50.418	46.354
9)	A Endosulfan I	6.068	5.238	268.2E6	1595.9E6	48.434	40.515
10)	B gamma-Chl...	5.939	5.116	282.6E6	2077.6E6	47.638	46.222
11)	B alpha-Chl...	6.020	5.181	308.8E6	1982.3E6	49.959	45.954
12)	B 4,4'-DDE	6.190	5.365	251.5E6	2057.2E6	47.207	46.926
13)	MA Dieldrin	6.341	5.503	276.6E6	2012.4E6	47.429	45.545
14)	MA Endrin	6.568	5.780	241.8E6	1867.3E6	48.803	46.114
15)	B Endosulfa...	6.780	6.071	230.6E6	1652.8E6	46.113m	44.009
16)	A 4,4'-DDD	6.700	5.920	202.3E6	1563.4E6	49.902	42.906
17)	MA 4,4'-DDT	7.015	6.173	201.6E6	1528.6E6	49.044	43.583
18)	B Endrin al...	6.908	6.249	173.2E6	1250.8E6	47.290m	45.168
19)	B Endosulfa...	7.144	6.473	214.8E6	1552.3E6	46.313	43.305
20)	A Methoxychlor	7.488	6.744	96148472	719.5E6	45.234	41.284
21)	B Endrin ke...	7.625	6.982	224.0E6	1545.6E6	46.096	40.977
22)	Mirex	8.106	7.175	141.1E6	980.3E6	44.086m	38.157

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090685.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Oct 2025 00:24
Operator : AR\AJ
Sample : Q3343-04MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

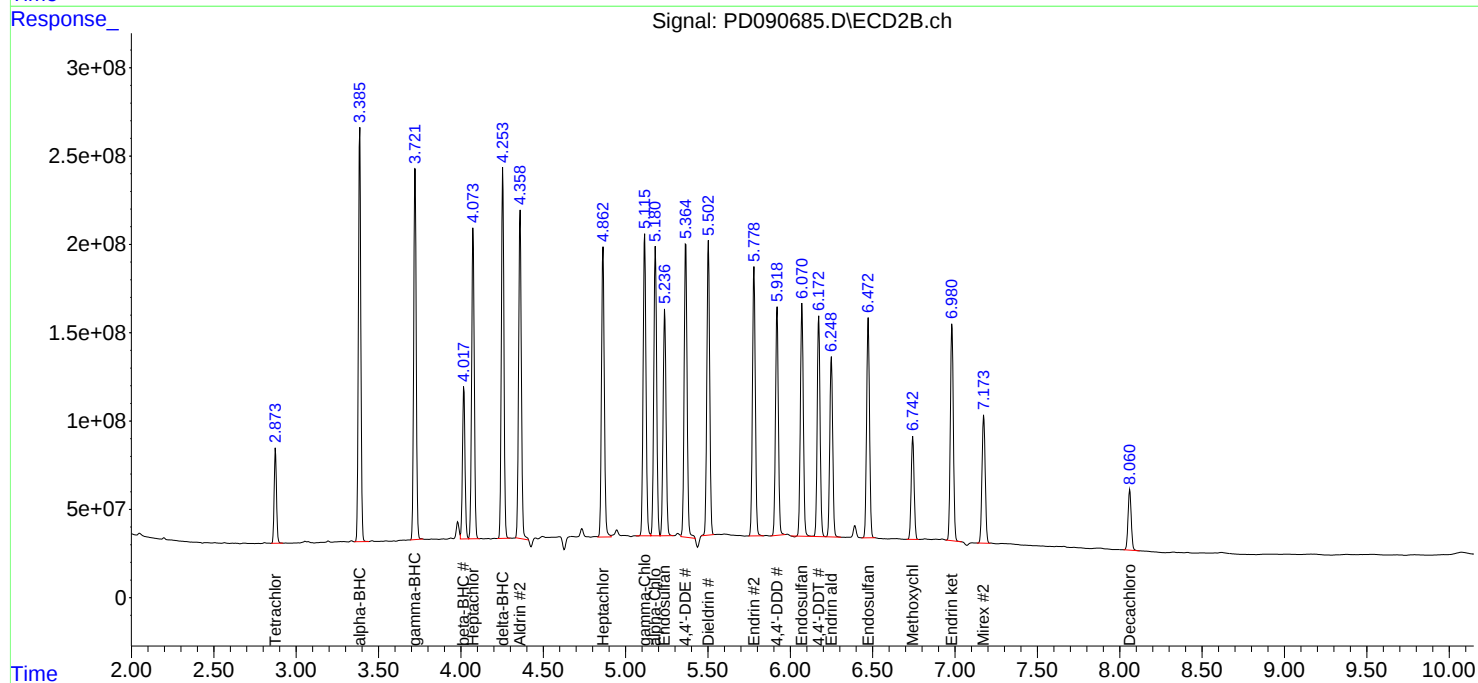
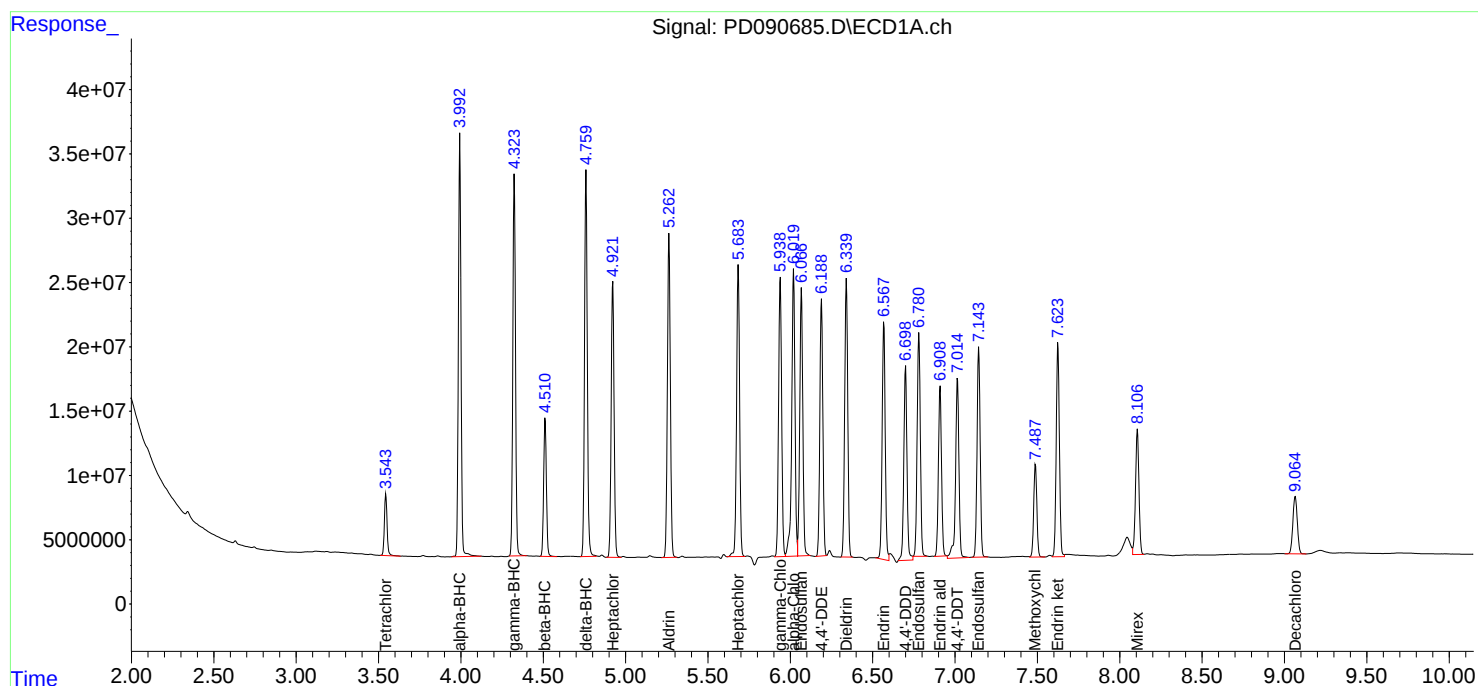
Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

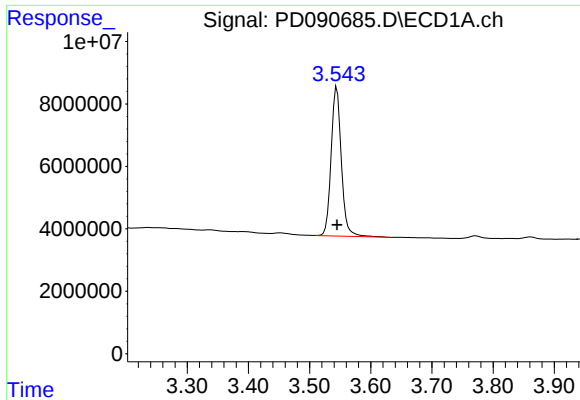
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 02:34:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response 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





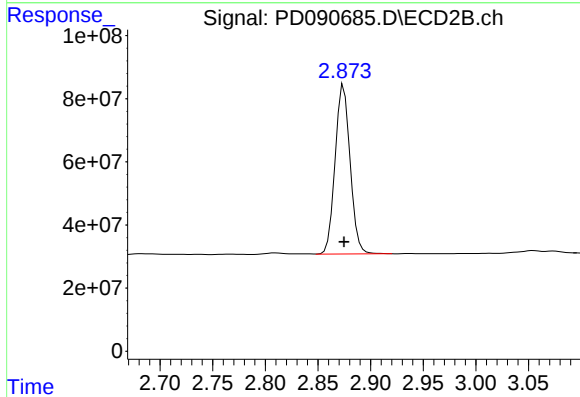
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 55406382
Conc: 17.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

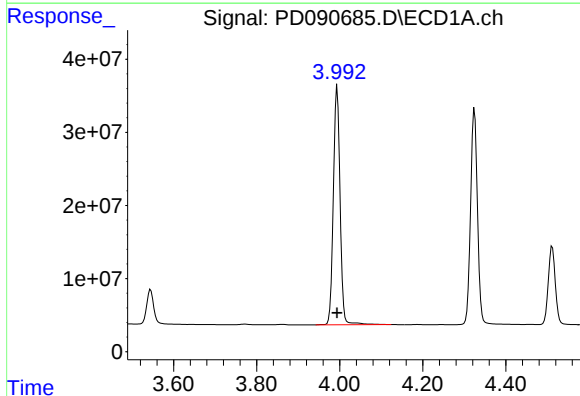
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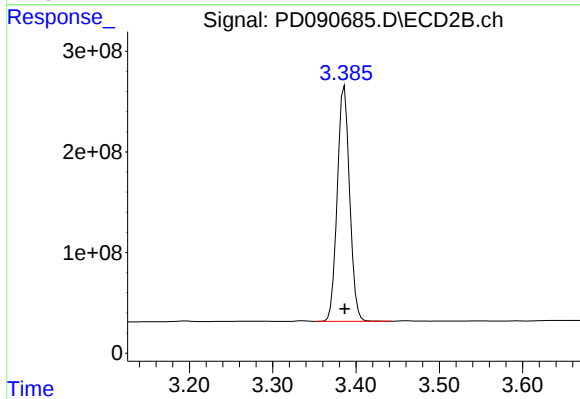
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 527797704
Conc: 17.72 ng/ml



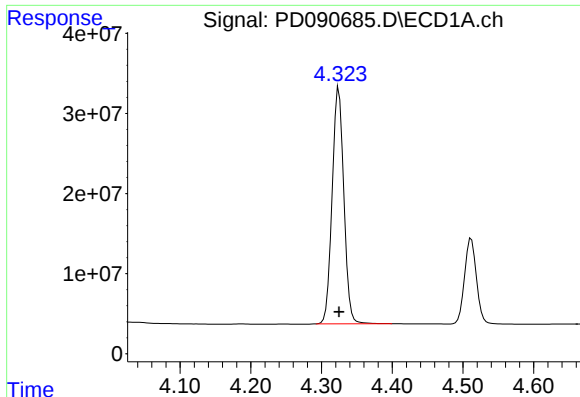
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 366517206
Conc: 51.07 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2410195570
Conc: 47.17 ng/ml



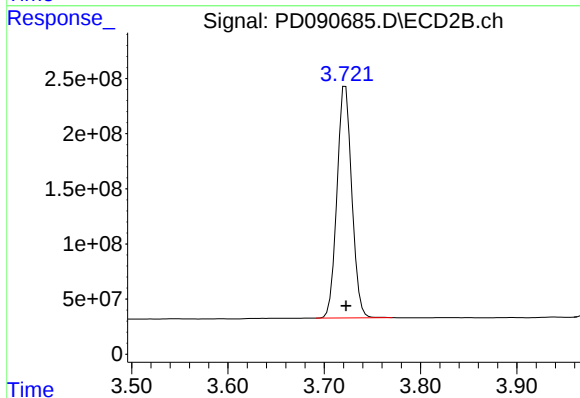
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 338333127
Conc: 49.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

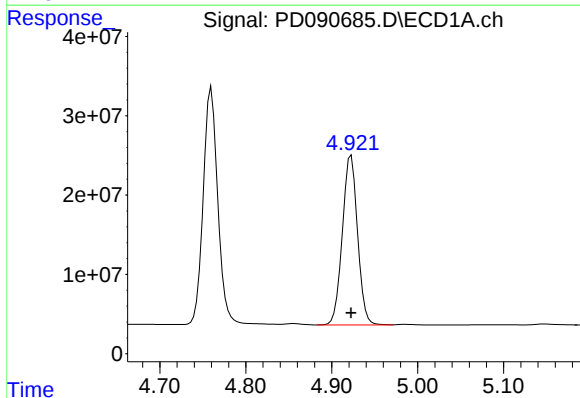
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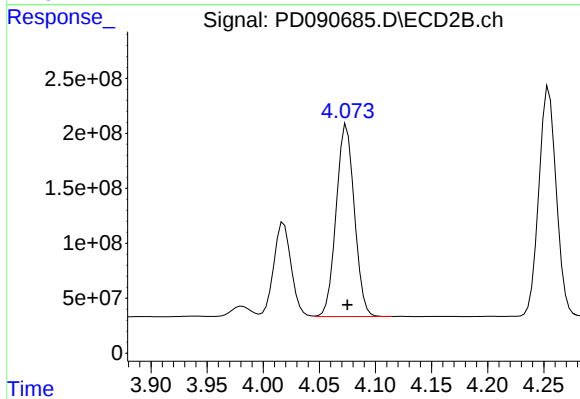
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 2242543805
Conc: 47.46 ng/ml



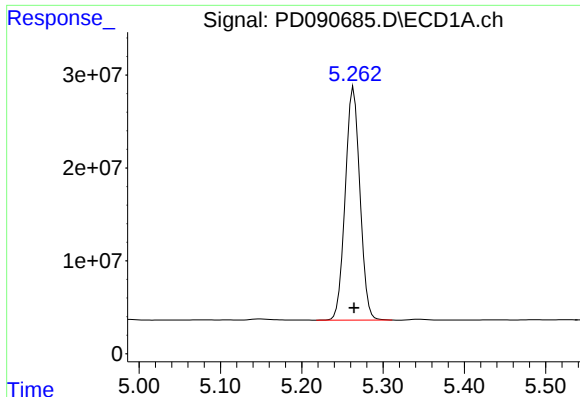
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 263248669
Conc: 47.10 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1974605662
Conc: 44.27 ng/ml



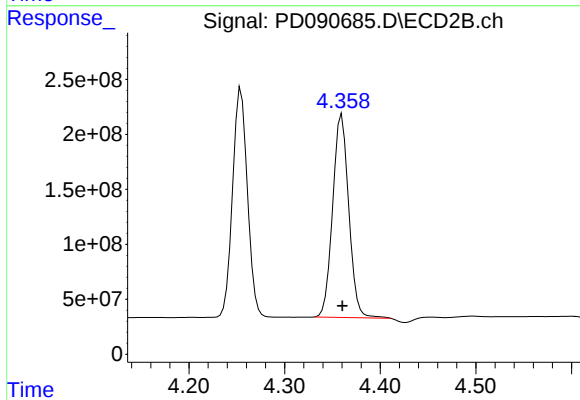
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 313549497
Conc: 47.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

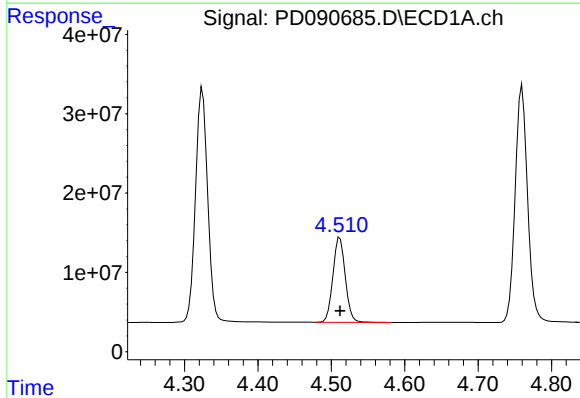
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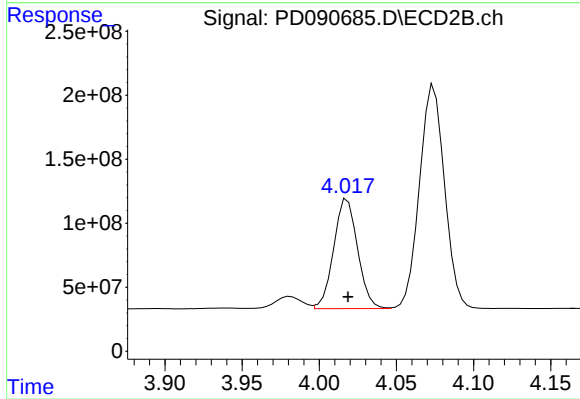
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2153629492
Conc: 46.50 ng/ml



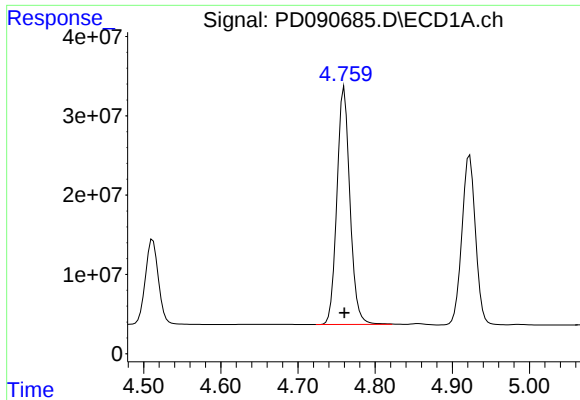
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 125517976
Conc: 47.91 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 924762191
Conc: 46.64 ng/ml



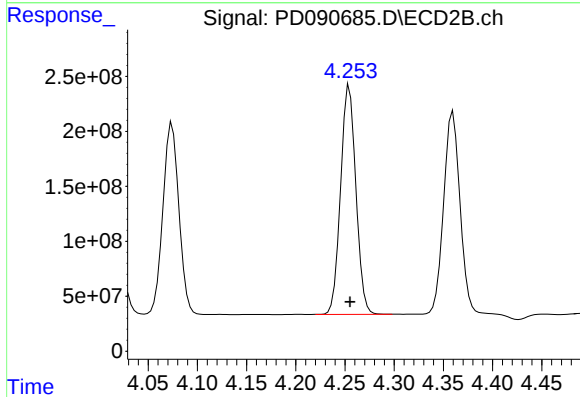
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 351522314
Conc: 51.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

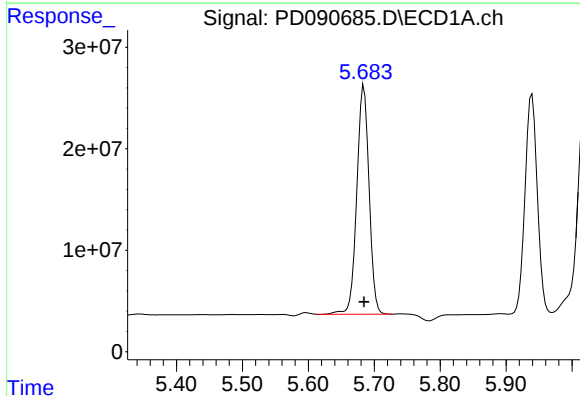
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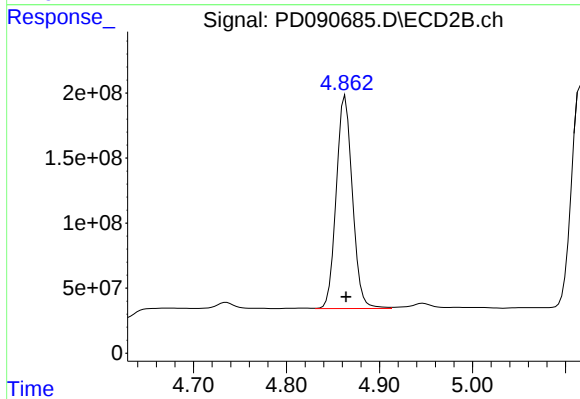
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 2254475130
Conc: 47.25 ng/ml



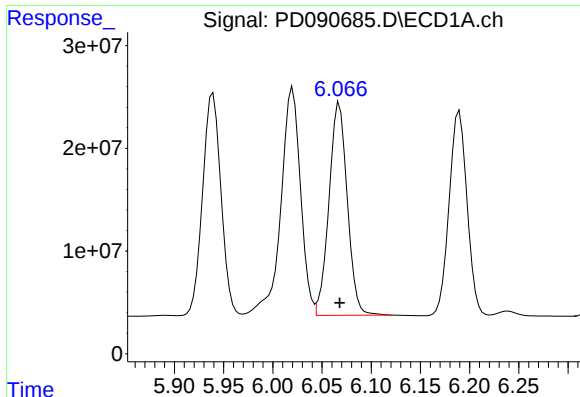
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 291873401
Conc: 50.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 1976467410
Conc: 46.35 ng/ml



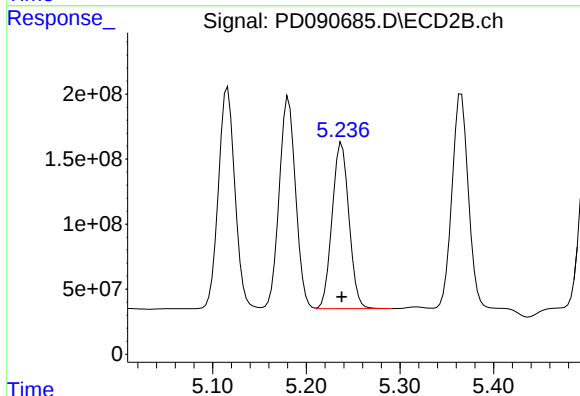
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 268163604
Conc: 48.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

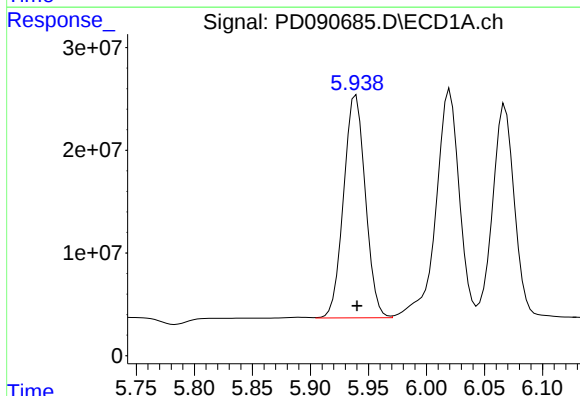
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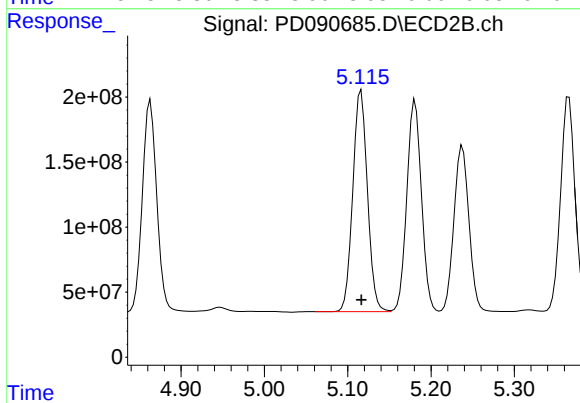
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 1595882355
Conc: 40.51 ng/ml



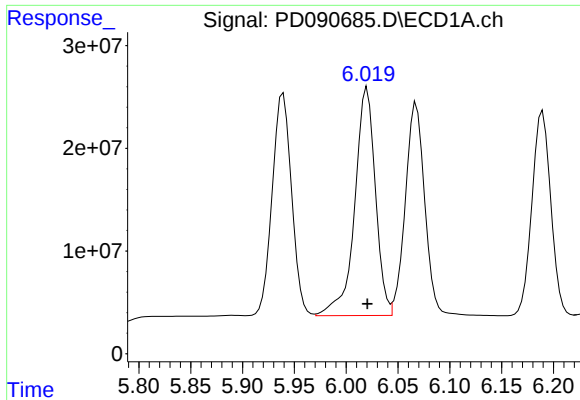
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 282551073
Conc: 47.64 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 2077642900
Conc: 46.22 ng/ml



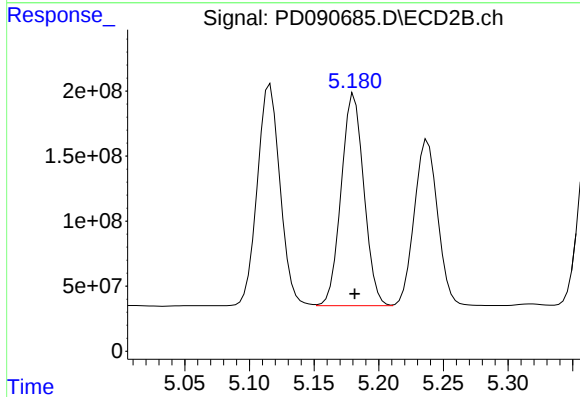
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 308761327
Conc: 49.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

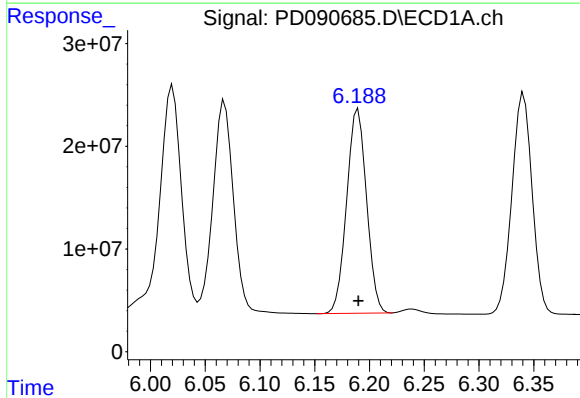
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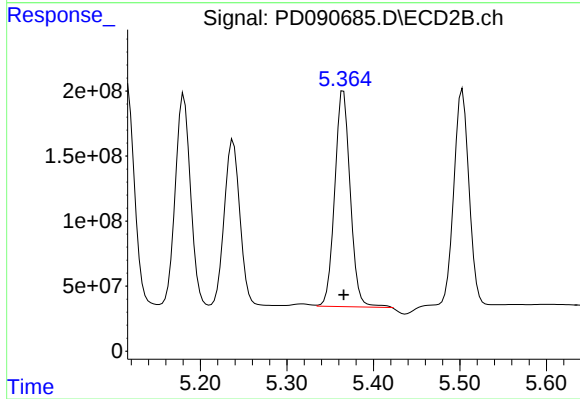
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 1982331864
Conc: 45.95 ng/ml



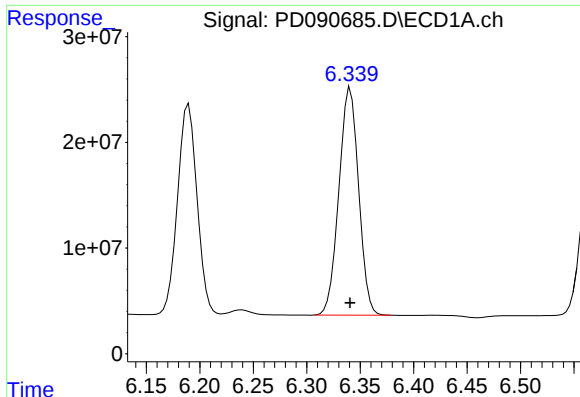
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 251454034
Conc: 47.21 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 2057168207
Conc: 46.93 ng/ml



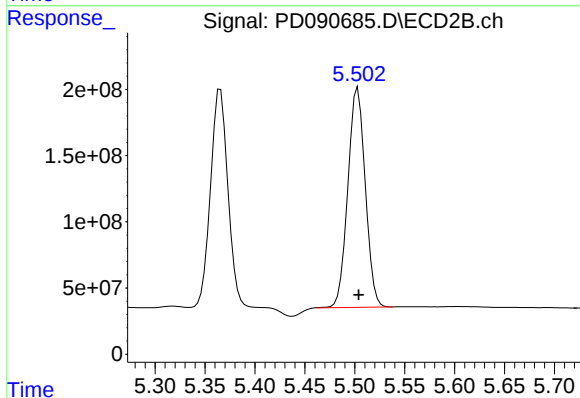
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 276577716
Conc: 47.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
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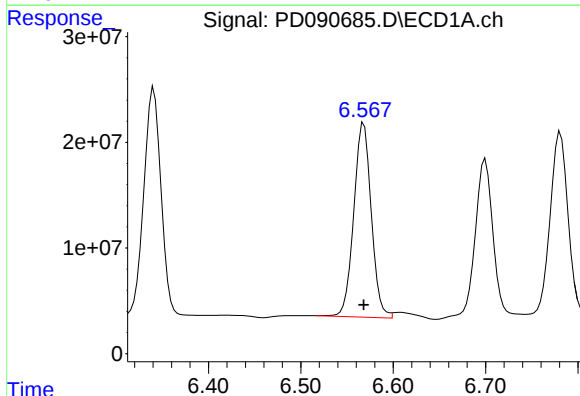
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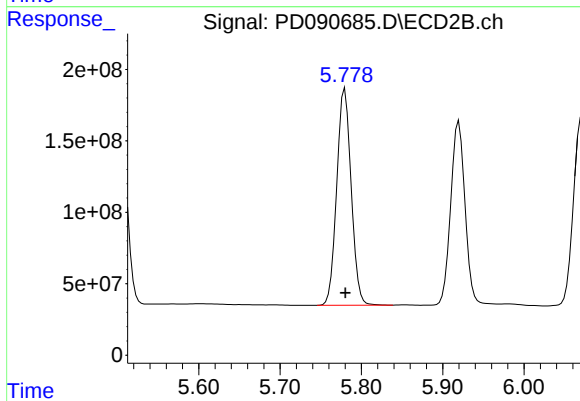
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 2012356516
Conc: 45.54 ng/ml



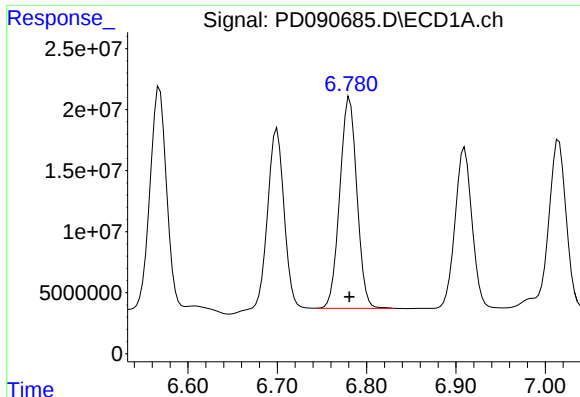
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 241757351
Conc: 48.80 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1867339794
Conc: 46.11 ng/ml



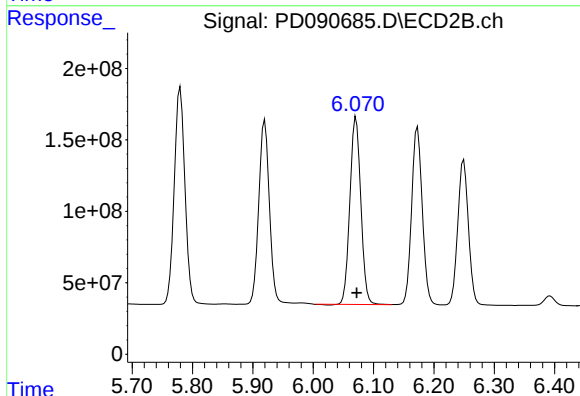
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 230560736
Conc: 46.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

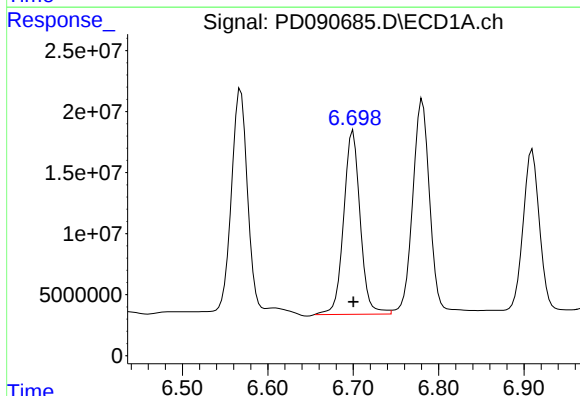
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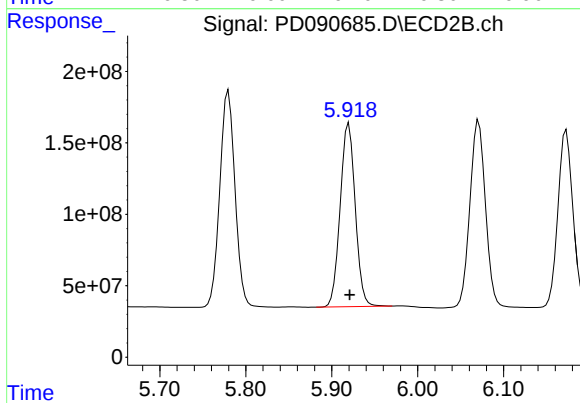
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.001 min
Response: 1652785899
Conc: 44.01 ng/ml



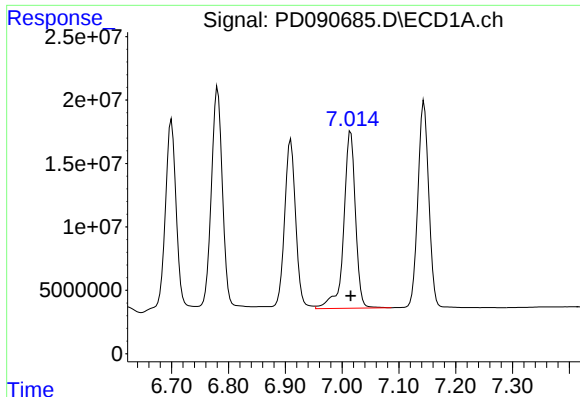
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 202311834
Conc: 49.90 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 1563412276
Conc: 42.91 ng/ml



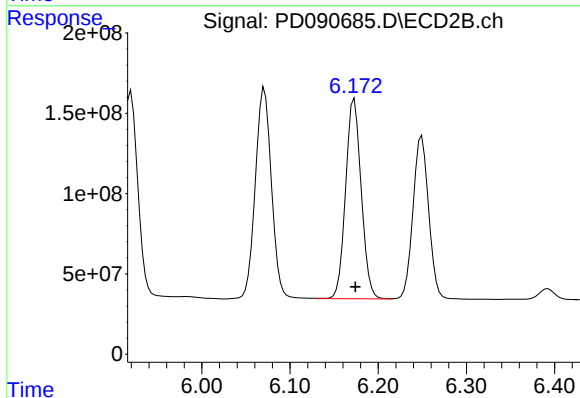
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 201595102
Conc: 49.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

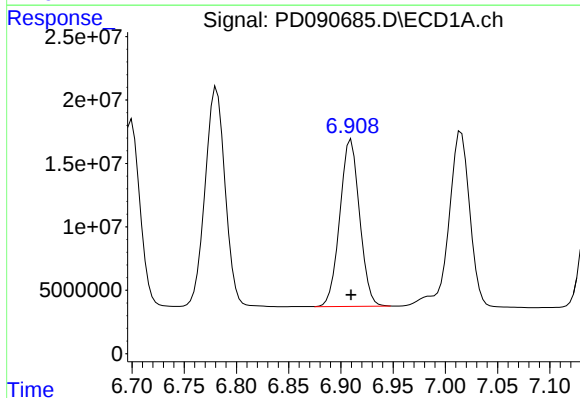
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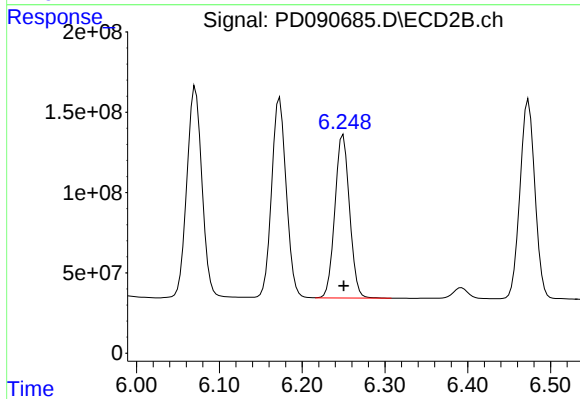
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1528603851
Conc: 43.58 ng/ml



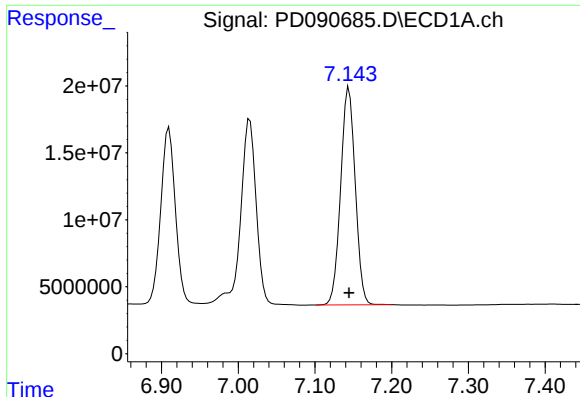
#18 Endrin aldehyde

R.T.: 6.908 min
Delta R.T.: -0.001 min
Response: 173210476
Conc: 47.29 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 1250828486
Conc: 45.17 ng/ml



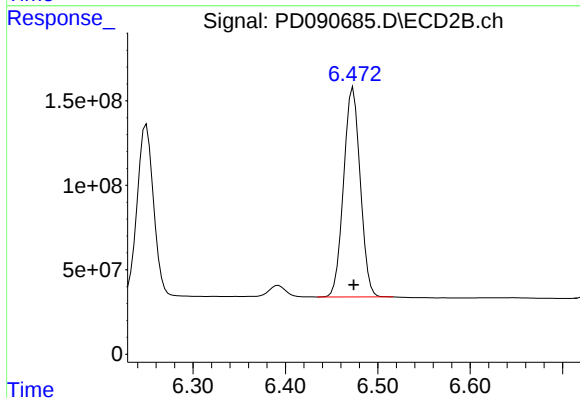
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 214807912
Conc: 46.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

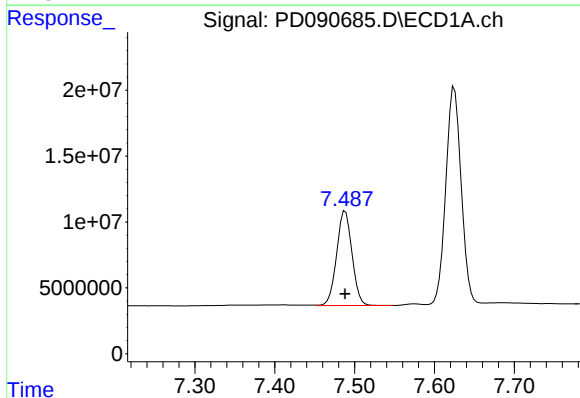
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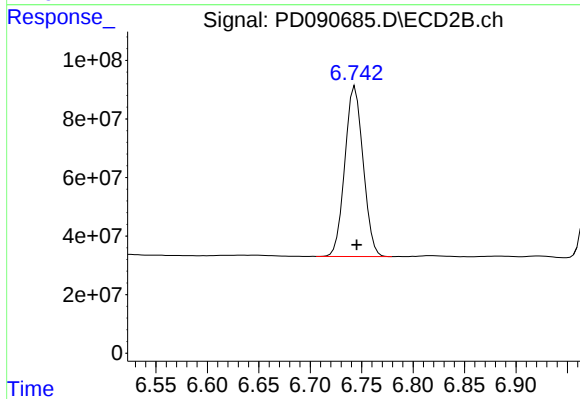
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 1552250853
Conc: 43.30 ng/ml



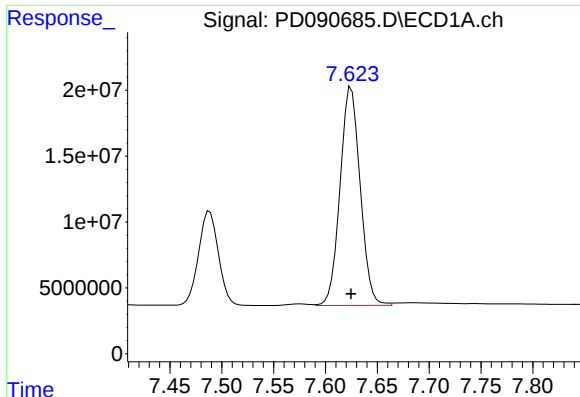
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 96148472
Conc: 45.23 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 719489317
Conc: 41.28 ng/ml



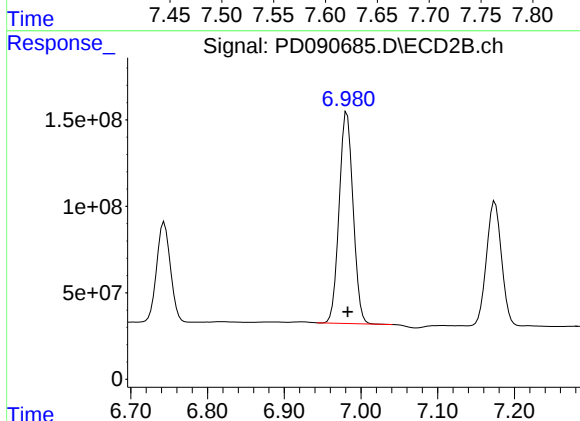
#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 223972317
Conc: 46.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

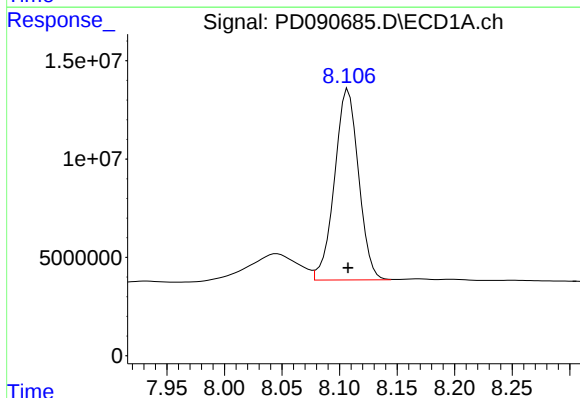
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2025
Supervised By :mohammad ahmed 10/24/2025



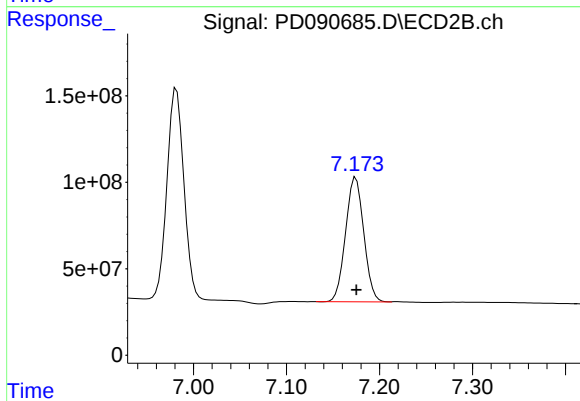
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 1545572672
Conc: 40.98 ng/ml



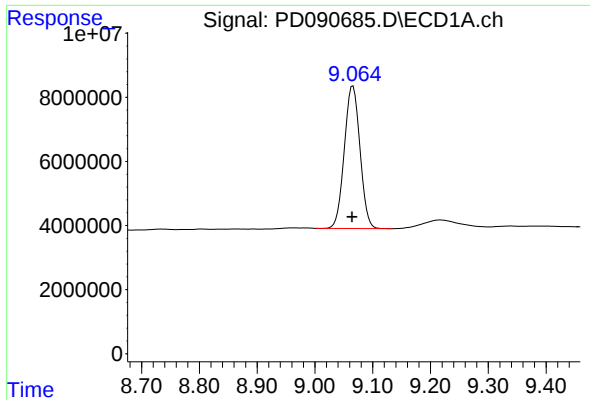
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.001 min
Response: 141113267
Conc: 44.09 ng/ml m



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 980290852
Conc: 38.16 ng/ml



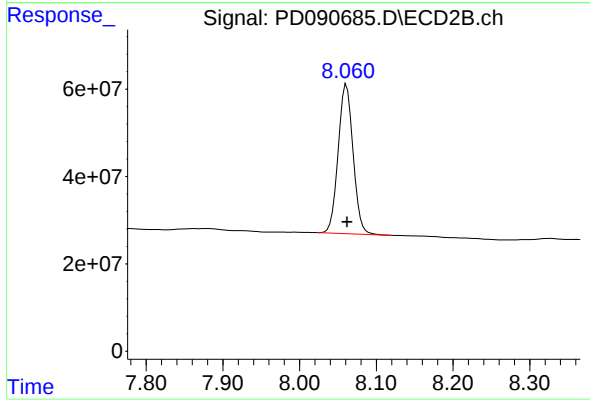
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 83325428
Conc: 17.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2025
Supervised By :mohammad ahmed 10/24/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 461774711
Conc: 15.24 ng/ml