

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
 Data File : PL082443.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2023 16:16
 Operator : AR\AJ
 Sample : 02500-21DL 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOILD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/04/2023
 Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:51:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.321	2.645	2845539	2215755	1.065	0.956
28)	SA Decachlor...	8.746	7.759	2076965	2465860	1.088	1.080
Target Compounds							
2)	A alpha-BHC	3.772	3.143	188.4E6	152.8E6	47.346	44.895
3)	MA gamma-BHC...	4.101	3.470	201.5E6	166.1E6	53.882	51.647
4)	MA Heptachlor	4.679	3.802	37369428	31870227	10.227	9.310
5)	MB Aldrin	5.017	4.079	169.2E6	150.4E6	51.325	47.745
6)	B beta-BHC	4.304	3.770	86879434	73737673	50.941	54.044
7)	B delta-BHC	4.546	3.996	78369412	63029778	21.783	20.548
8)	B Heptachlo...	5.444	4.581	143.5E6	127.0E6	47.047	44.095
9)	A Endosulfan I	5.825	4.948	20188315	17540226	7.281	6.571
10)	B gamma-Chl...	5.698	4.830	97311915	85892217	32.363	29.599
11)	B alpha-Chl...	5.776	4.892	42169481	37442474	14.129	12.899
12)	B 4,4'-DDE	5.955	5.083	120.0E6	105.6E6	47.221	45.912
13)	MA Dieldrin	6.099	5.212	114.3E6	105.8E6	41.418	39.178
14)	MA Endrin	6.327	5.487	54338995	50280857	22.412	20.557
15)	B Endosulfa...	6.549	5.784	33968155	30541143	13.952	13.549
16)	A 4,4'-DDD	6.471	5.638	70536954	62368529	34.795	33.345
17)	MA 4,4'-DDT	6.781	5.886	33381557	26000235	14.592m	12.307
18)	B Endrin al...	6.680	5.964	50799609	48129790	26.961	25.719
19)	B Endosulfa...	6.914	6.187	92222125	85394207	38.887	36.272
20)	A Methoxychlor	7.264	6.467	20532810	19148352	16.826	15.801
21)	B Endrin ke...	7.394	6.692	78738004	78322876	32.884	30.858

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
Data File : PL082443.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2023 16:16
Operator : AR\AJ
Sample : 02500-21DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

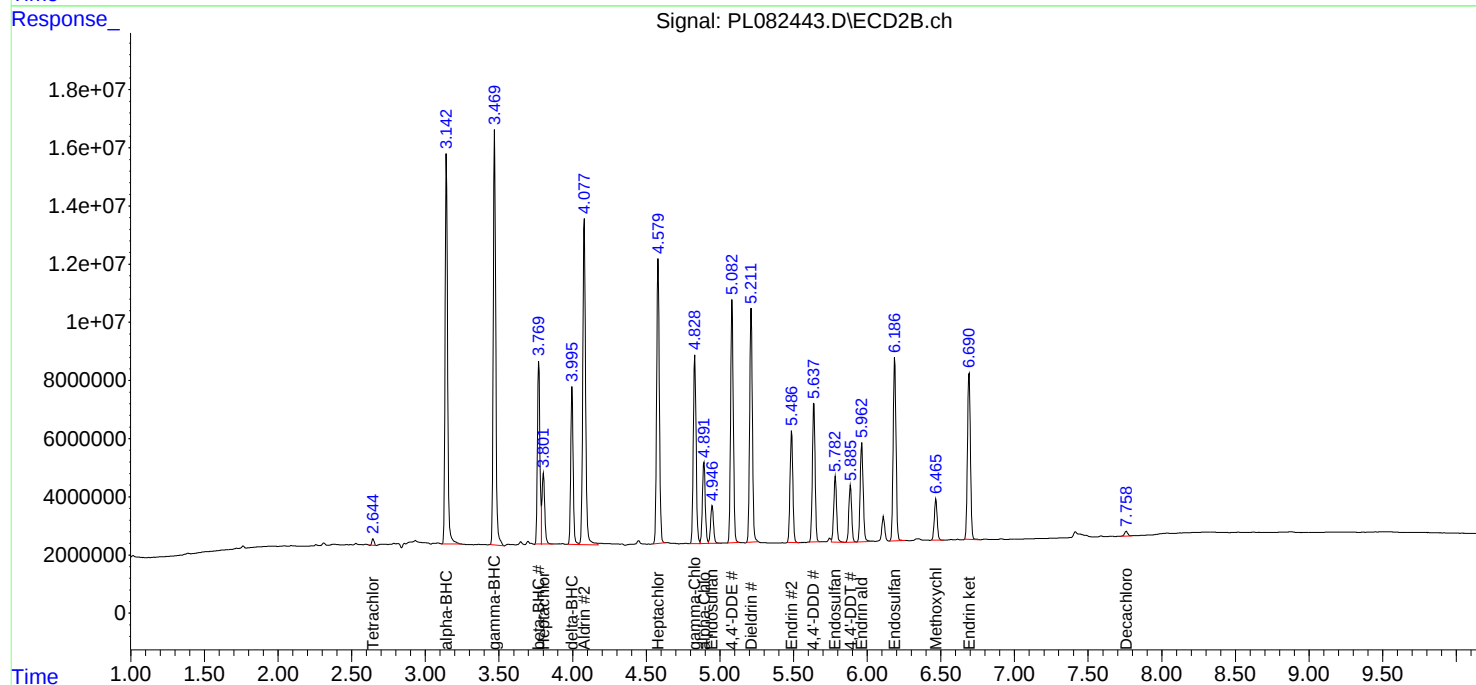
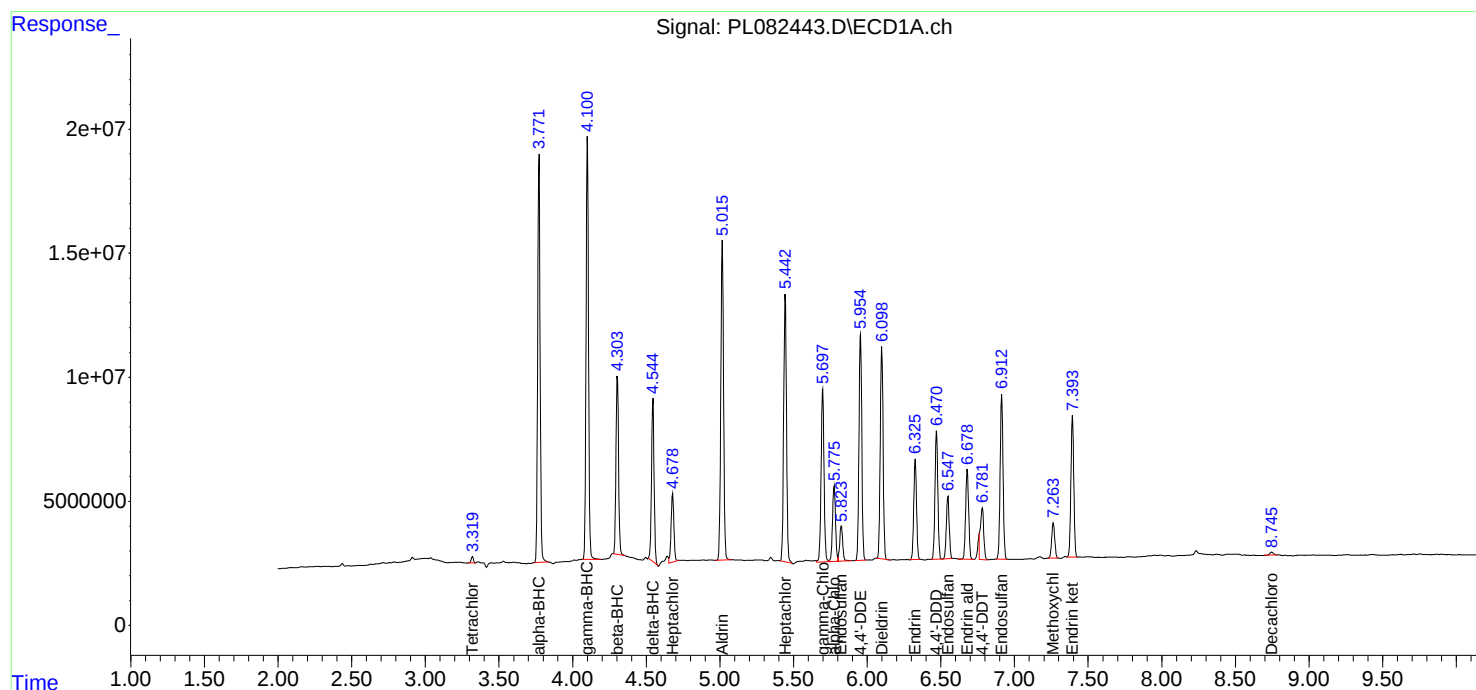
Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

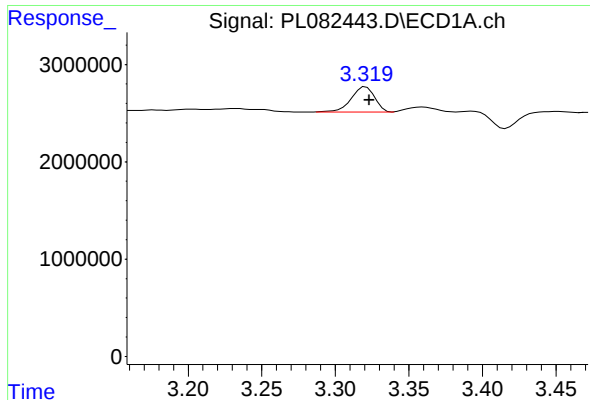
Manual Integrations
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Reviewed By : Abdul Mirza 05/04/2023
Supervised By : Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 01:51:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





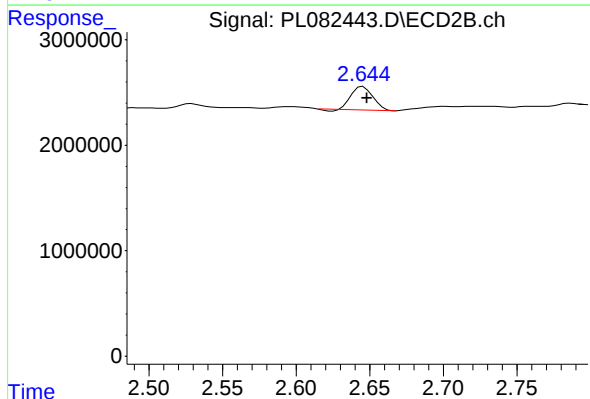
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 2845539
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

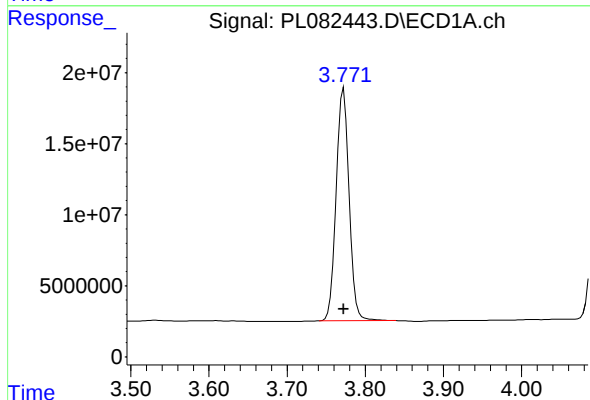
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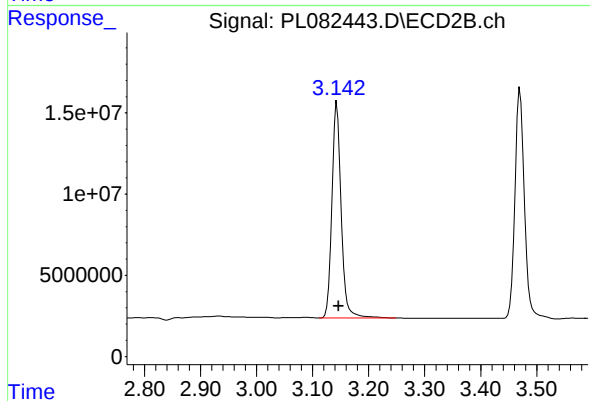
#1 Tetrachloro-m-xylene

R.T.: 2.645 min
Delta R.T.: -0.003 min
Response: 2215755
Conc: 0.96 ng/ml



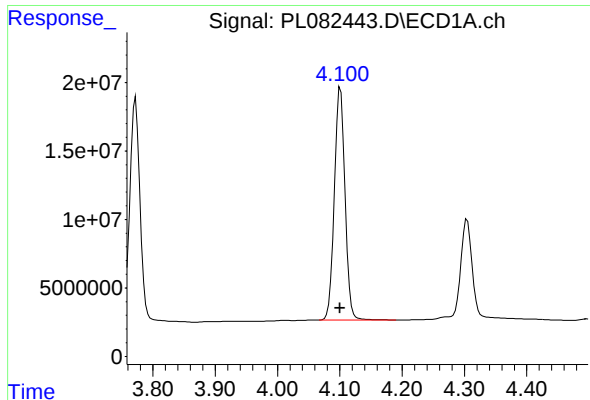
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 188448486
Conc: 47.35 ng/ml



#2 alpha-BHC

R.T.: 3.143 min
Delta R.T.: -0.003 min
Response: 152799971
Conc: 44.90 ng/ml



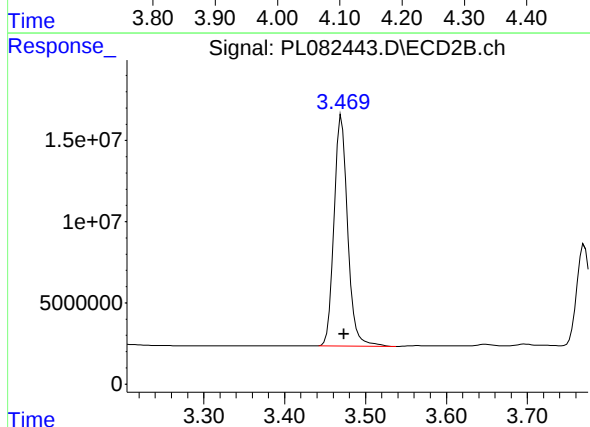
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 201459522
Conc: 53.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

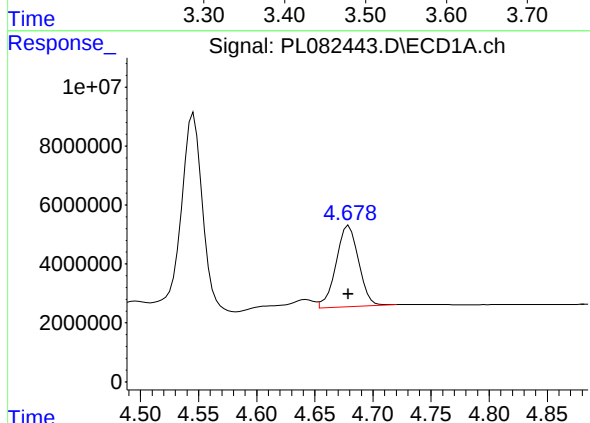
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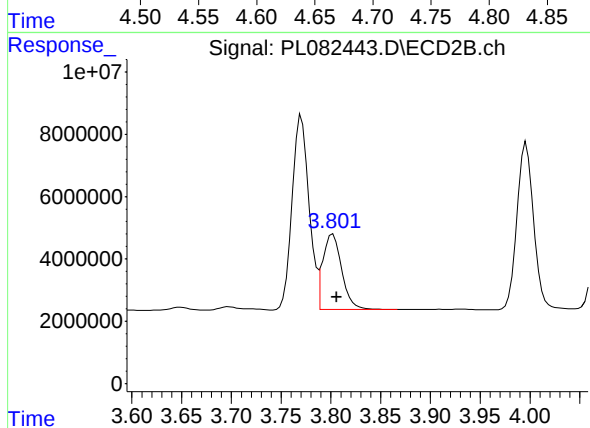
#3 gamma-BHC (Lindane)

R.T.: 3.470 min
Delta R.T.: -0.003 min
Response: 166059449
Conc: 51.65 ng/ml



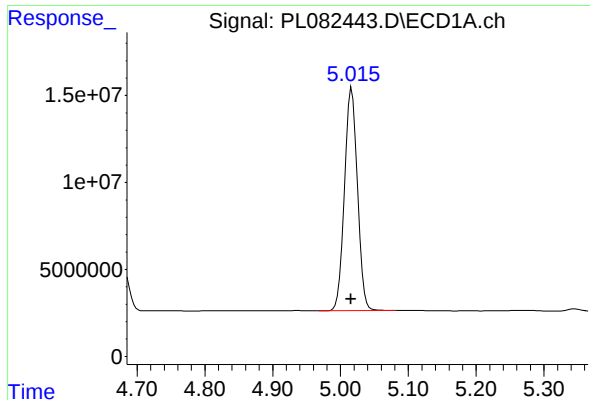
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 37369428
Conc: 10.23 ng/ml



#4 Heptachlor

R.T.: 3.802 min
Delta R.T.: -0.004 min
Response: 31870227
Conc: 9.31 ng/ml



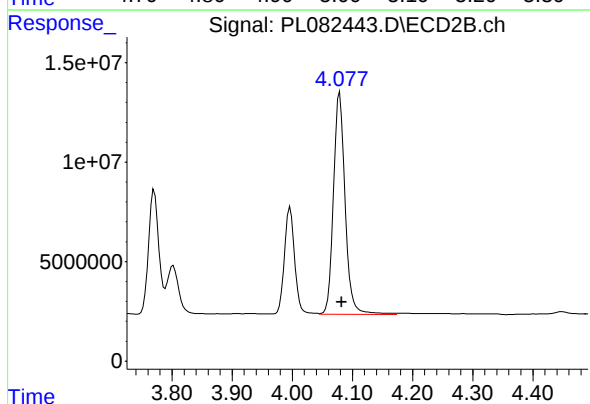
#5 Aldrin

R.T.: 5.017 min
Delta R.T.: 0.001 min
Response: 169249659
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD

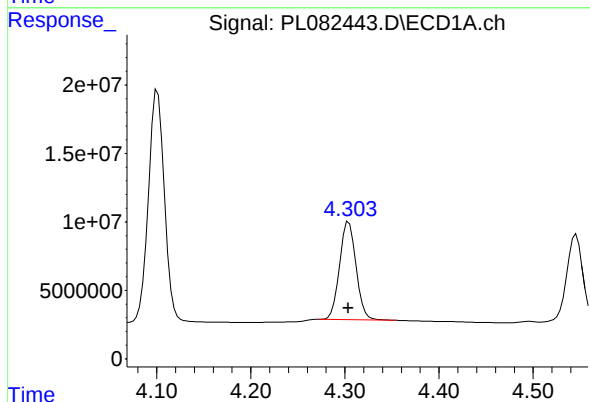
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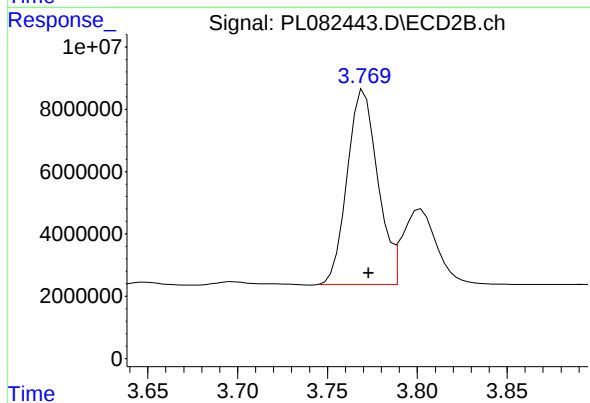
#5 Aldrin

R.T.: 4.079 min
Delta R.T.: -0.003 min
Response: 150390781
Conc: 47.75 ng/ml



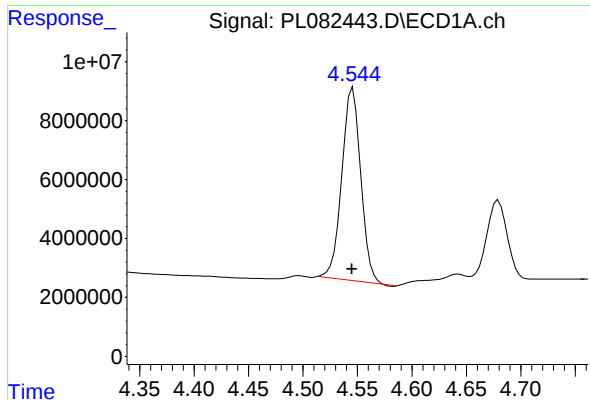
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 86879434
Conc: 50.94 ng/ml



#6 beta-BHC

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 73737673
Conc: 54.04 ng/ml



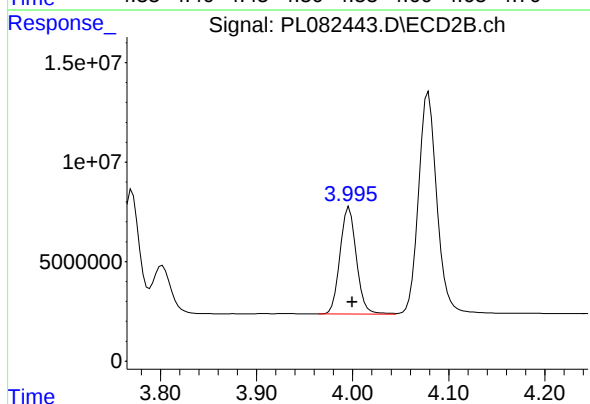
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 78369412
Conc: 21.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

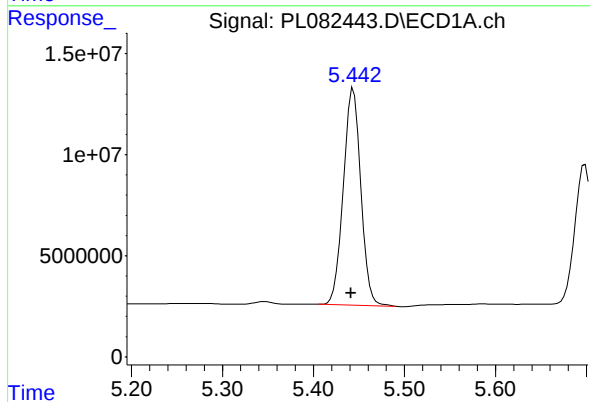
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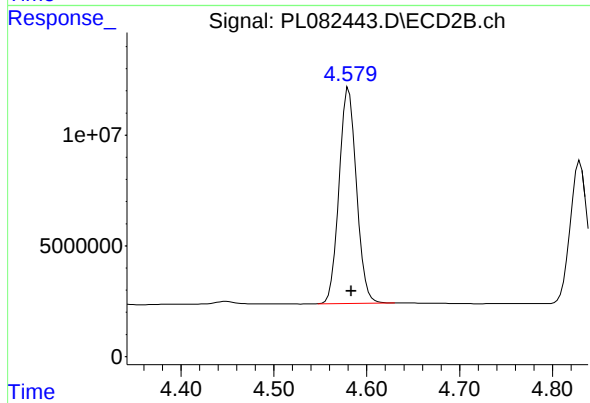
#7 delta-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 63029778
Conc: 20.55 ng/ml



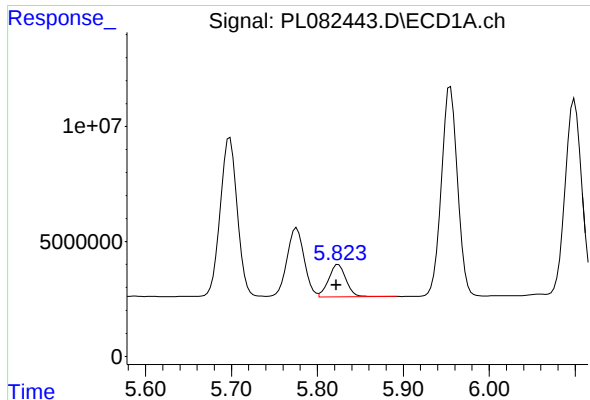
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: 0.003 min
Response: 143508301
Conc: 47.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 127033835
Conc: 44.10 ng/ml



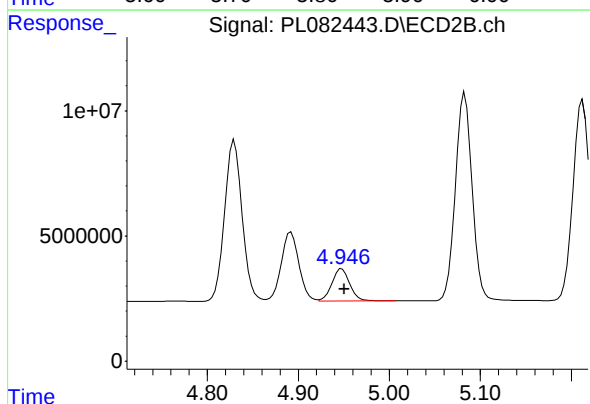
#9 Endosulfan I

R.T.: 5.825 min
Delta R.T.: 0.003 min
Response: 20188315
Conc: 7.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

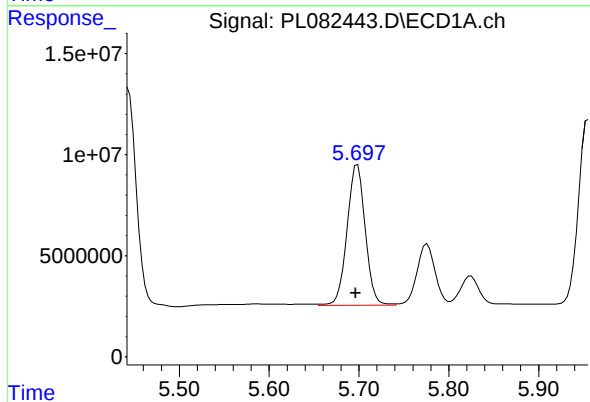
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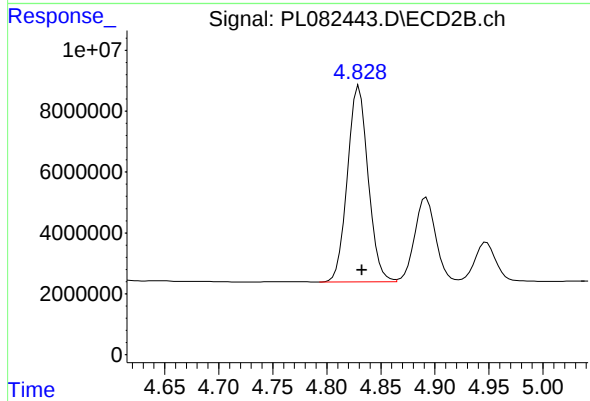
#9 Endosulfan I

R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 17540226
Conc: 6.57 ng/ml



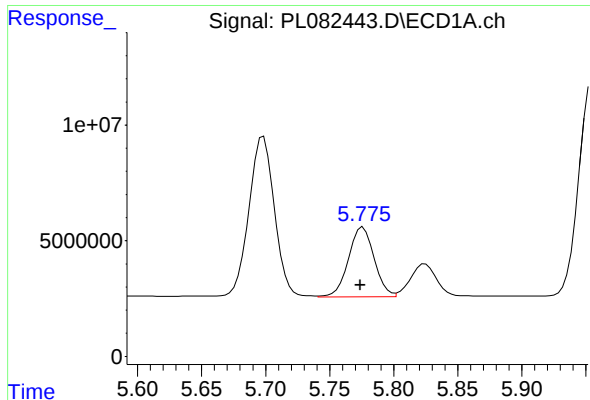
#10 gamma-Chlordane

R.T.: 5.698 min
Delta R.T.: 0.002 min
Response: 97311915
Conc: 32.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 85892217
Conc: 29.60 ng/ml



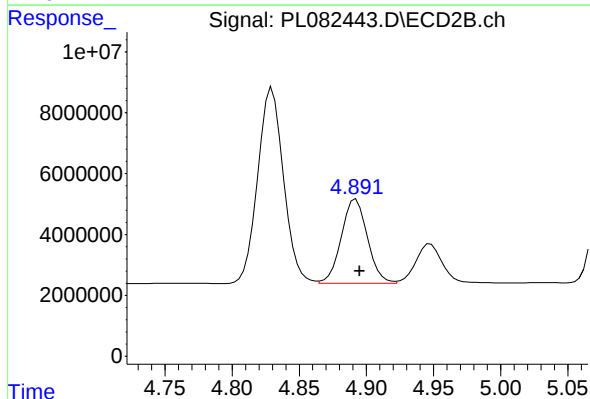
#11 alpha-Chlordane

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 42169481
Conc: 14.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

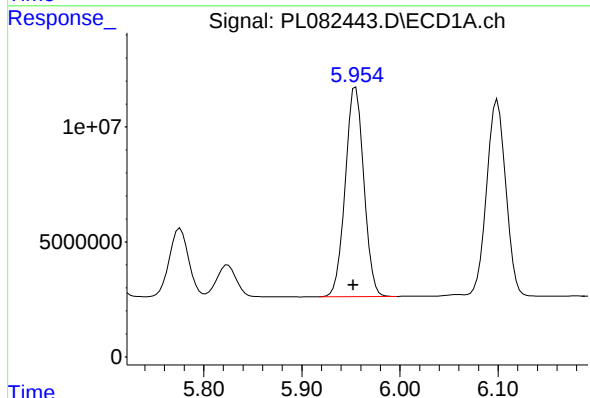
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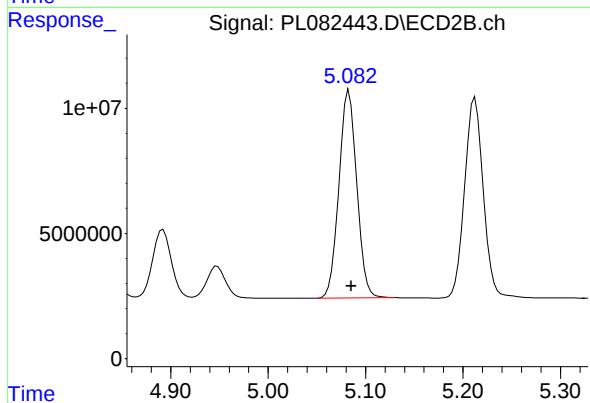
#11 alpha-Chlordane

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 37442474
Conc: 12.90 ng/ml



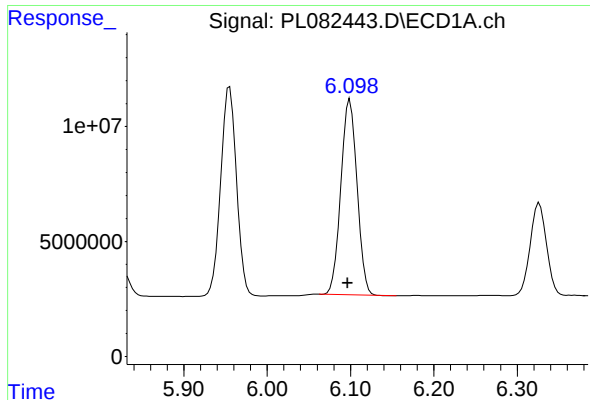
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 120036222
Conc: 47.22 ng/ml



#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: -0.002 min
Response: 105550270
Conc: 45.91 ng/ml



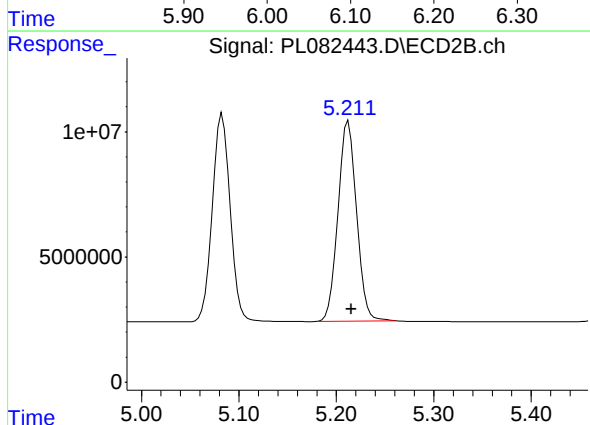
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: 0.003 min
Response: 114277884
Conc: 41.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

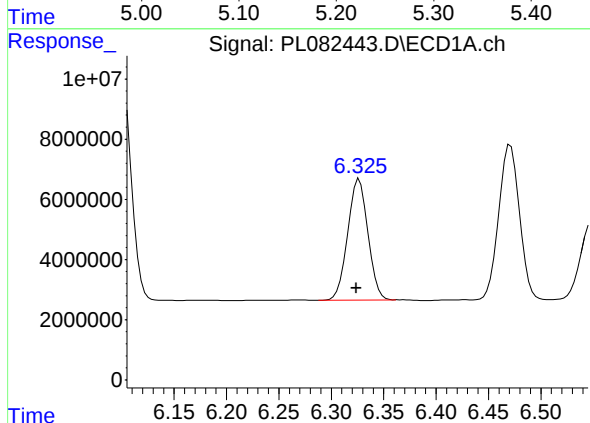
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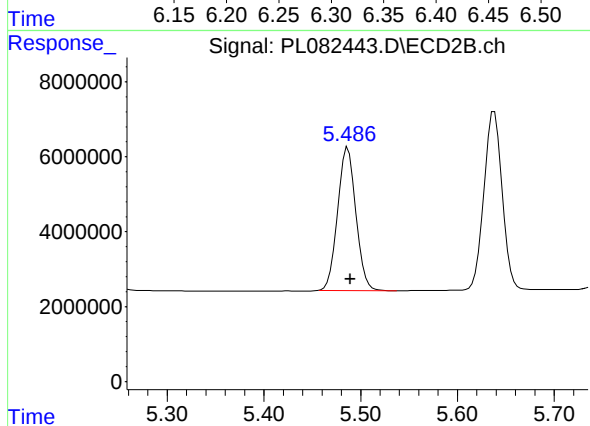
#13 Dieldrin

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 105795762
Conc: 39.18 ng/ml



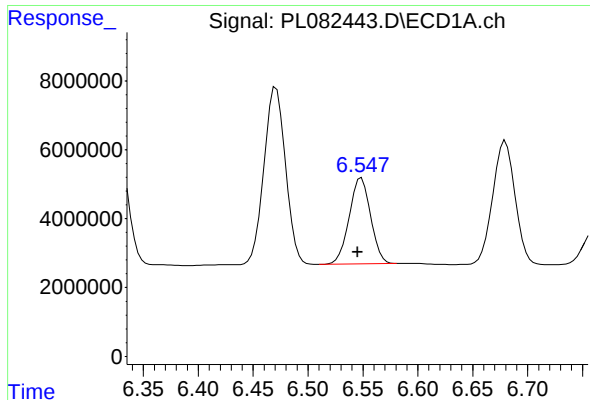
#14 Endrin

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 54338995
Conc: 22.41 ng/ml



#14 Endrin

R.T.: 5.487 min
Delta R.T.: -0.003 min
Response: 50280857
Conc: 20.56 ng/ml



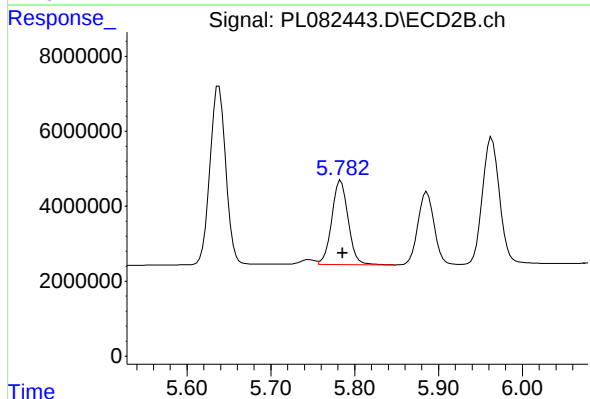
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: 0.003 min
Response: 33968155
Conc: 13.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

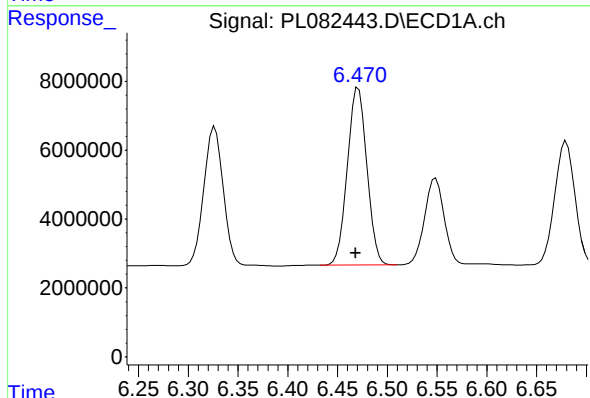
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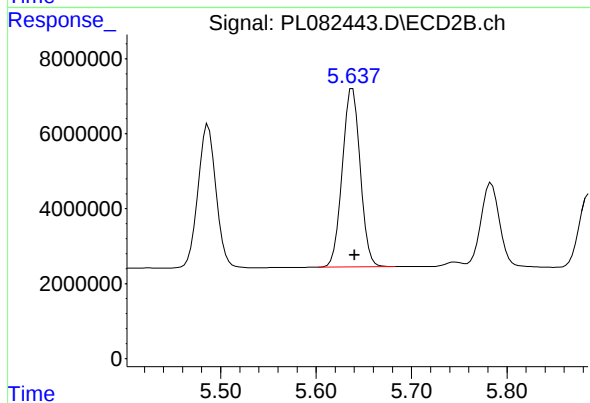
#15 Endosulfan II

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 30541143
Conc: 13.55 ng/ml



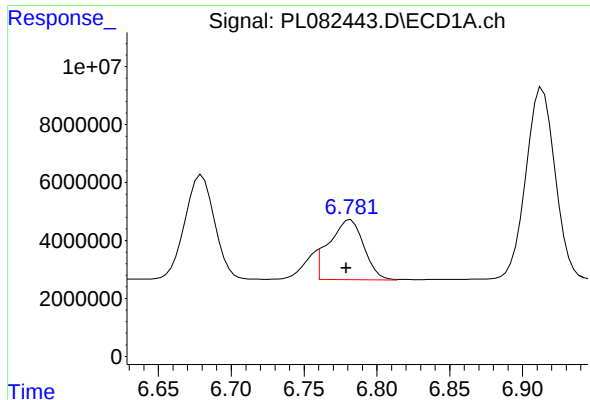
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 70536954
Conc: 34.80 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 62368529
Conc: 33.35 ng/ml



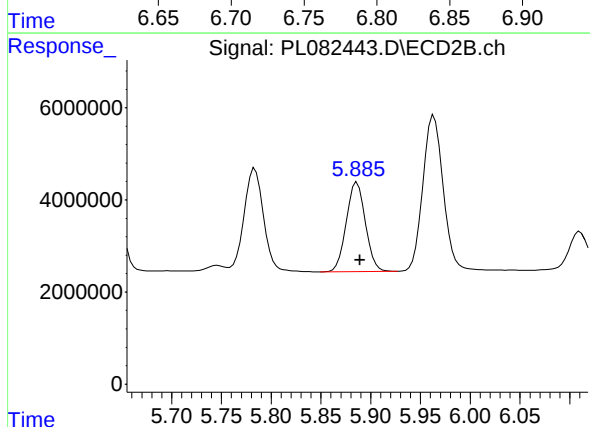
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 33381557
Conc: 14.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

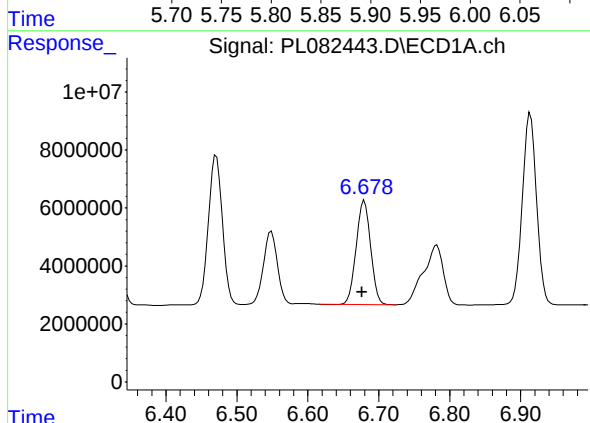
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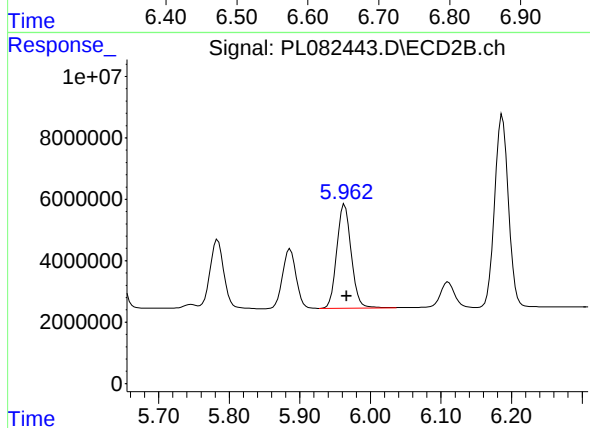
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 26000235
Conc: 12.31 ng/ml



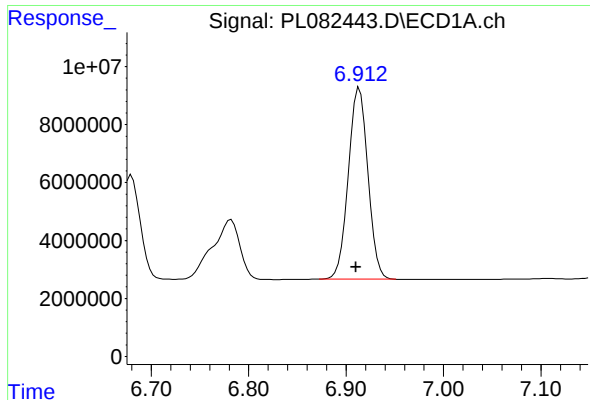
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: 0.004 min
Response: 50799609
Conc: 26.96 ng/ml



#18 Endrin aldehyde

R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 48129790
Conc: 25.72 ng/ml



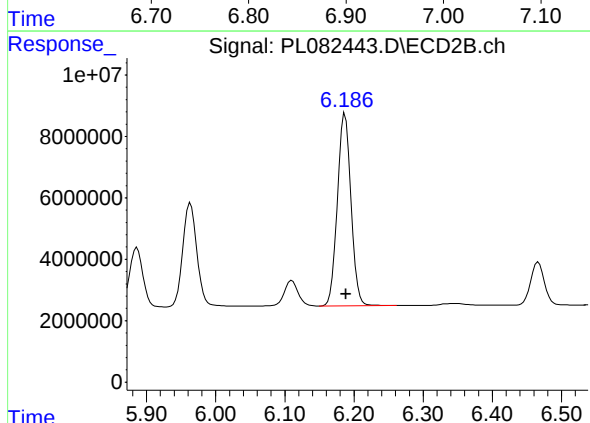
#19 Endosulfan Sulfate

R.T.: 6.914 min
Delta R.T.: 0.004 min
Response: 92222125
Conc: 38.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

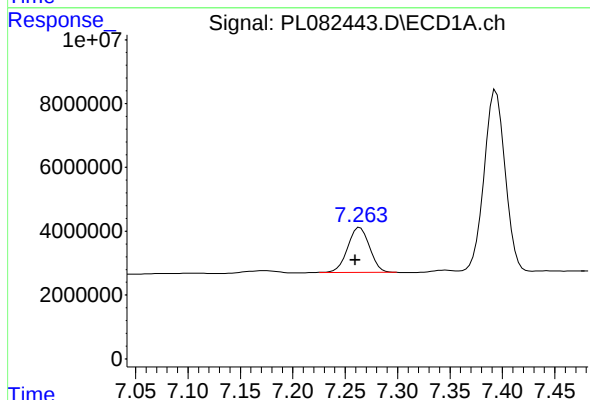
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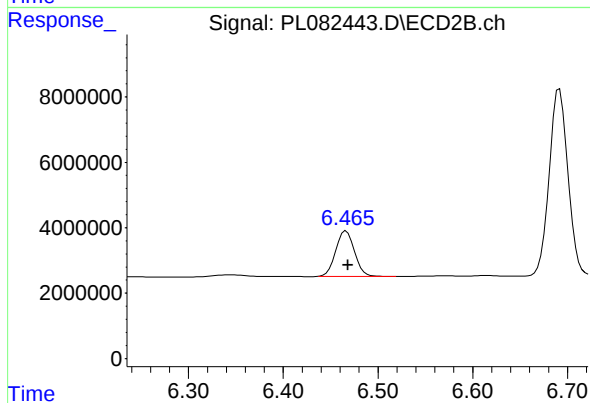
#19 Endosulfan Sulfate

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 85394207
Conc: 36.27 ng/ml



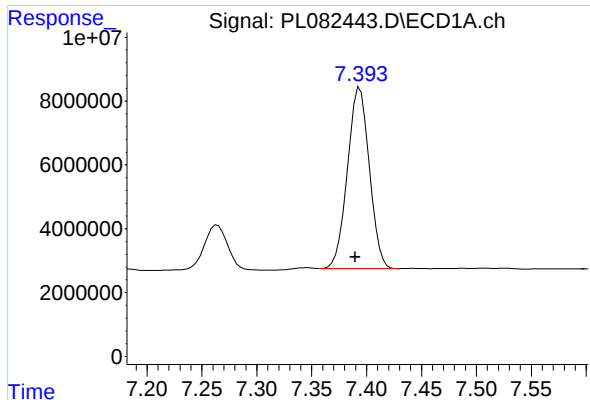
#20 Methoxychlor

R.T.: 7.264 min
Delta R.T.: 0.004 min
Response: 20532810
Conc: 16.83 ng/ml



#20 Methoxychlor

R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 19148352
Conc: 15.80 ng/ml



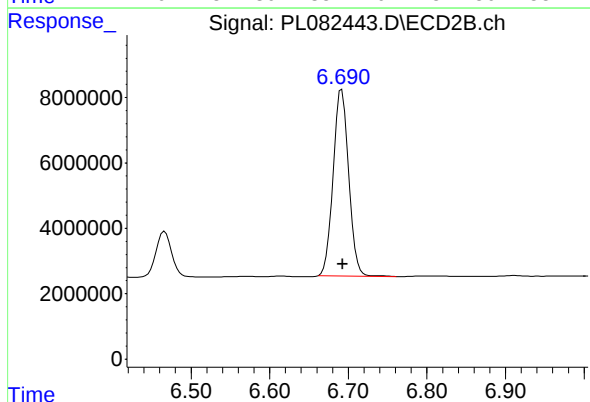
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: 0.004 min
Response: 78738004
Conc: 32.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL

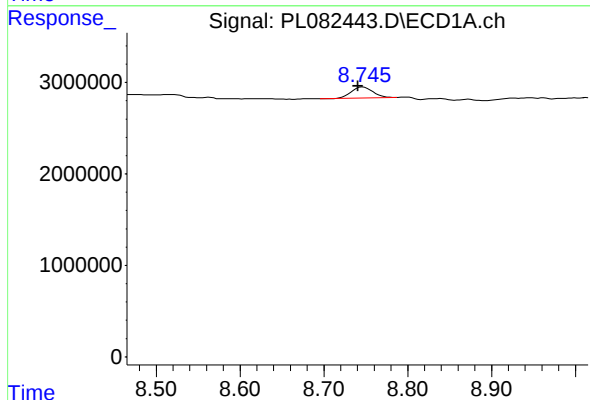
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



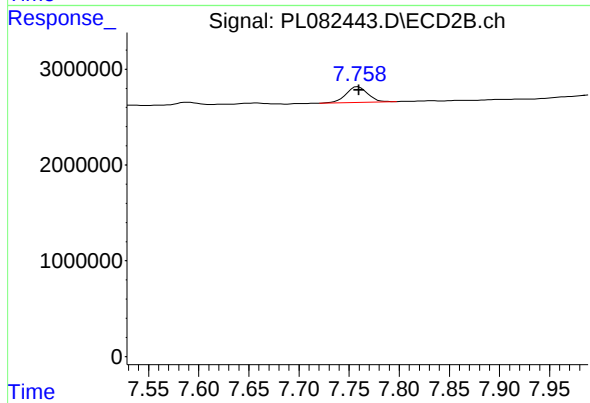
#21 Endrin ketone

R.T.: 6.692 min
Delta R.T.: -0.001 min
Response: 78322876
Conc: 30.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: 0.005 min
Response: 2076965
Conc: 1.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 2465860
Conc: 1.08 ng/ml