

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112923\
 Data File : PL086877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 07:58
 Operator : AR\AJ
 Sample : 05047-20DL2 20X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOILDL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :Ankita Jodhani 11/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 08:18:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.336	2.610	7565723	942033	2.366	1.036 #
28)	SA Decachlor...	8.843	7.760	3375825	1364402	1.265	1.237
Target Compounds							
2)	A alpha-BHC	3.796	3.108	183.8E6	49947928	39.701	39.331
3)	MA gamma-BHC...	4.128	3.435	112.8E6	31028410	25.775	25.395
4)	MA Heptachlor	4.714	3.770	203.2E6	59348195	51.203	50.827
5)	MB Aldrin	5.054	4.047	155.1E6	44024560	36.743	36.070
6)	B beta-BHC	4.332	3.738	39717845	11129127	21.232	21.035
7)	B delta-BHC	4.574	3.962	98317613	27128846	23.160	23.231
8)	B Heptachlo...	5.485	4.552	138.9E6	42925405	39.205	37.707
9)	A Endosulfan I	5.869	4.919	40778707	16875335	11.318	10.289
10)	B gamma-Chl...	5.743	4.804	211.4E6	64727735	56.236	56.467
11)	B alpha-Chl...	5.822	4.867	140.4E6	45503594	37.290	34.219
12)	B 4,4'-DDE	6.006	5.067	136.2E6	41632032	45.046	45.347
13)	MA Dieldrin	6.146	5.185	44355873	13321610	12.777	12.439
14)	MA Endrin	6.374	5.459	81672735	26647194	31.685	31.617
15)	B Endosulfa...	6.598	5.758	79651630	26186440	27.913	28.202
16)	A 4,4'-DDD	6.525	5.623	102.5E6	33803548	43.793	43.769
17)	MA 4,4'-DDT	6.840	5.874	36083417	11948604	14.059	14.816
18)	B Endrin al...	6.728	5.939	35122781	12205763	16.465m	17.471
19)	B Endosulfa...	6.965	6.163	32500627	10699920	11.381	11.277
20)	A Methoxychlor	7.327	6.458	6985755	2879698	5.290	5.595
21)	B Endrin ke...	7.447	6.665	127.7E6	48647963	42.714	42.618

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112923\
Data File : PL086877.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Nov 2023 07:58
Operator : AR\AJ
Sample : 05047-20DL2 20X
Misc :
ALS Vial : 25 Sample Multiplier: 1

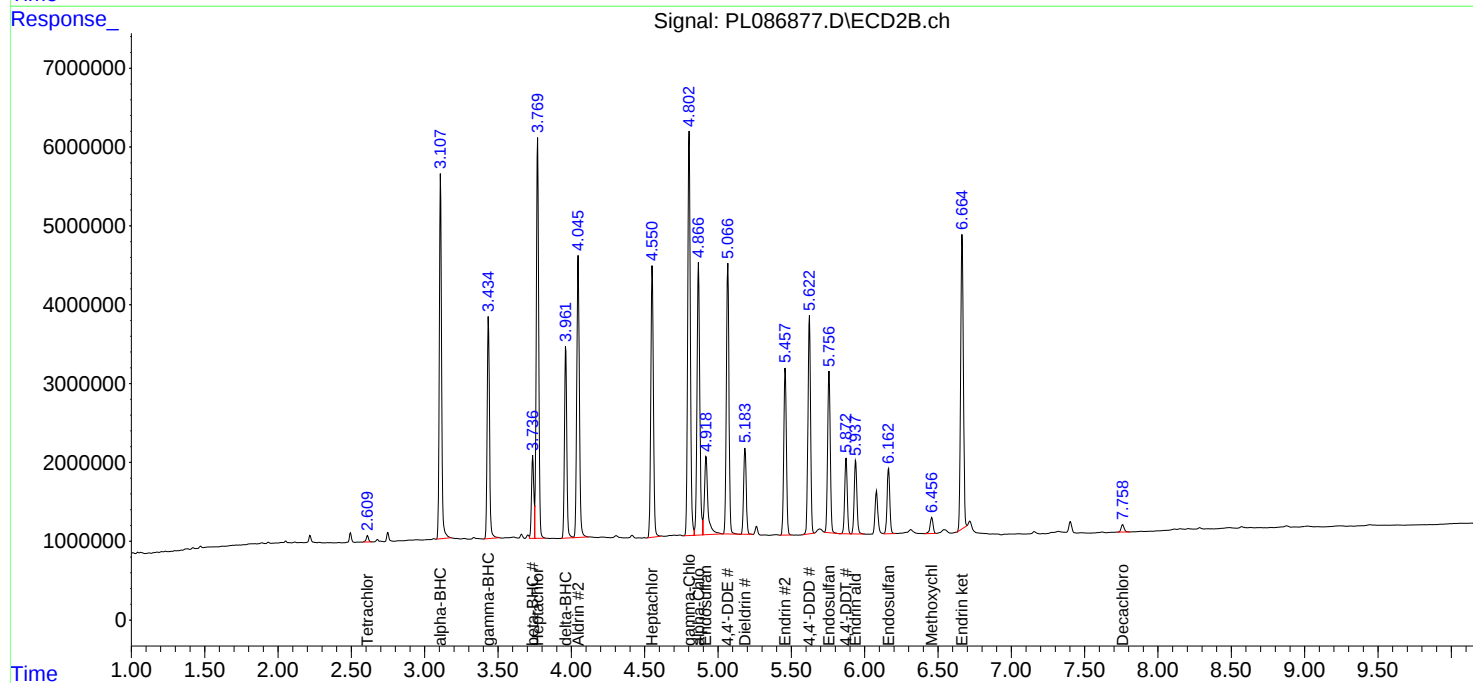
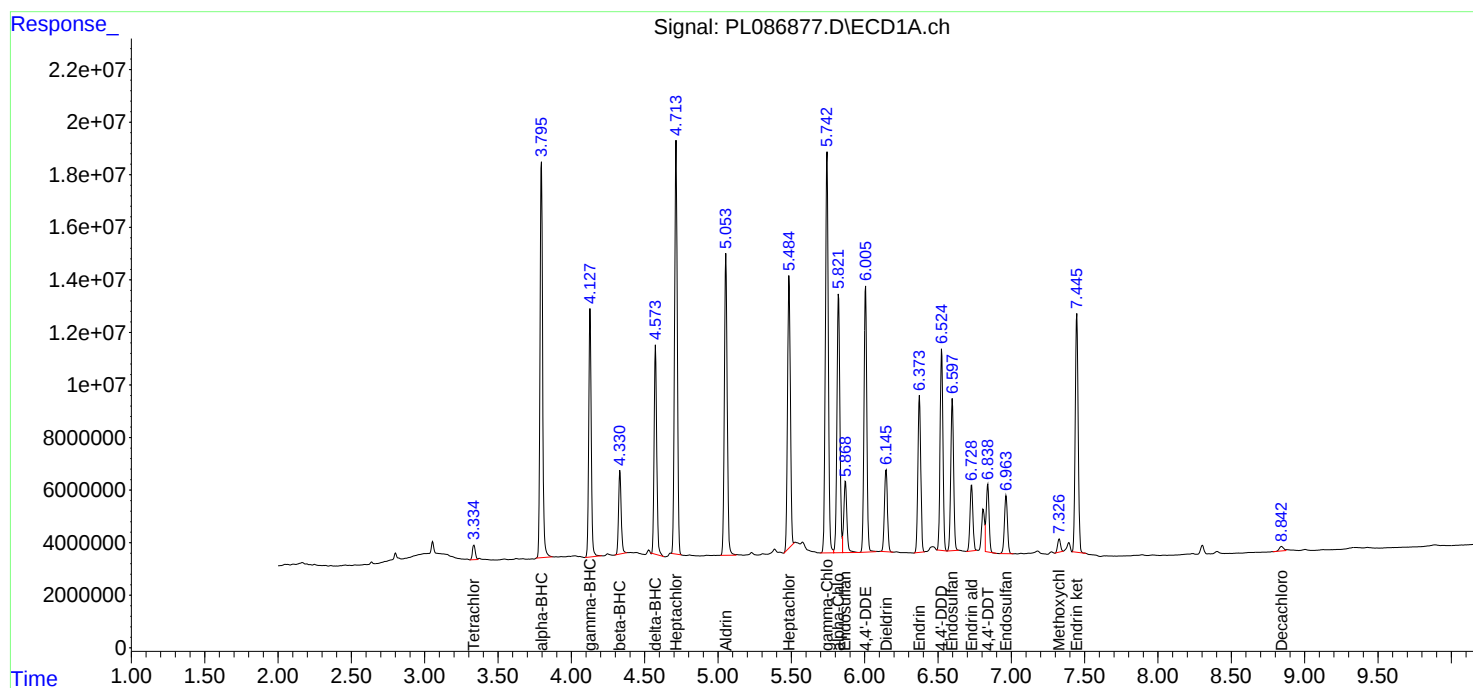
Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

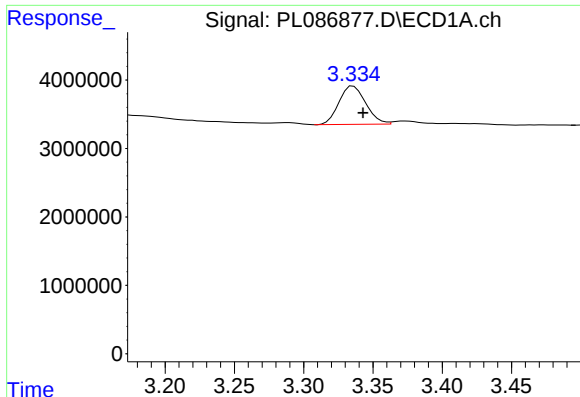
Manual Integrations
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Supervised By :Ankita Jodhani 11/29/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 29 08:18:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
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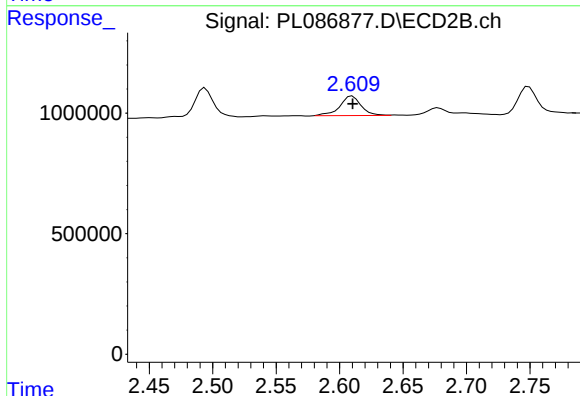
#1 Tetrachloro-m-xylene

R.T.: 3.336 min
Delta R.T.: -0.007 min
Response: 7565723
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

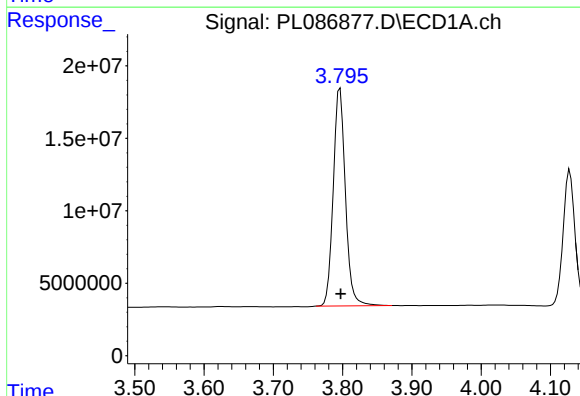
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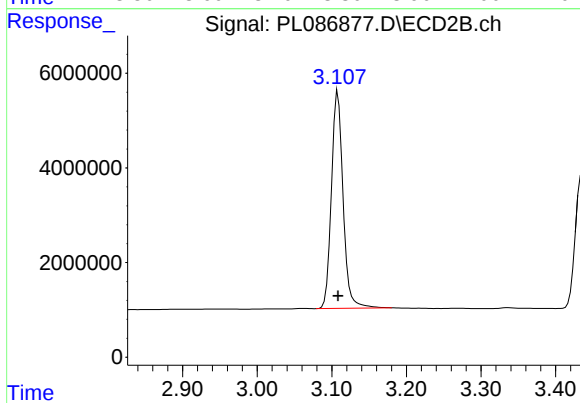
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 942033
Conc: 1.04 ng/ml



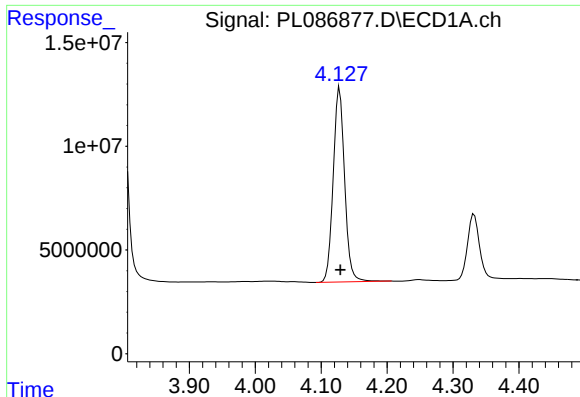
#2 alpha-BHC

R.T.: 3.796 min
Delta R.T.: -0.001 min
Response: 183819347
Conc: 39.70 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 49947928
Conc: 39.33 ng/ml



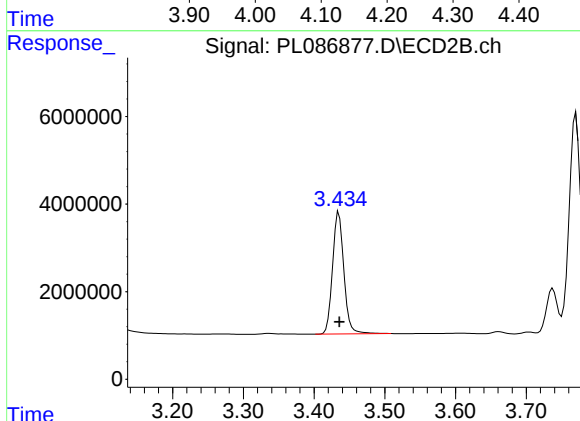
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 112759749
Conc: 25.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

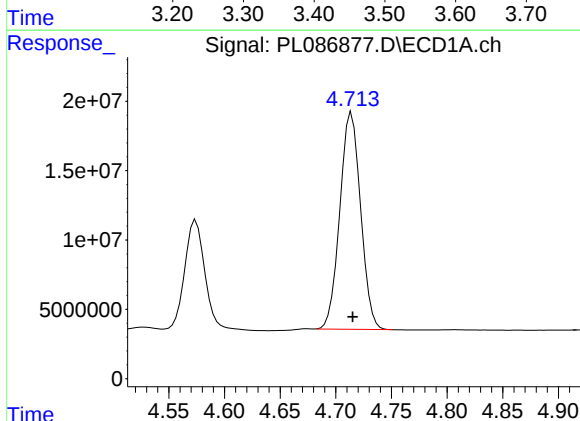
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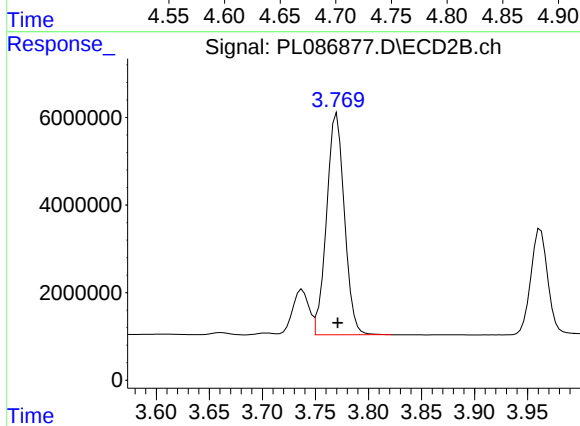
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 31028410
Conc: 25.39 ng/ml



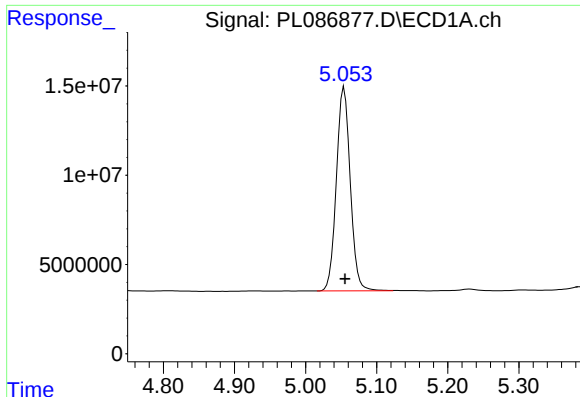
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 203209671
Conc: 51.20 ng/ml



#4 Heptachlor

R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 59348195
Conc: 50.83 ng/ml



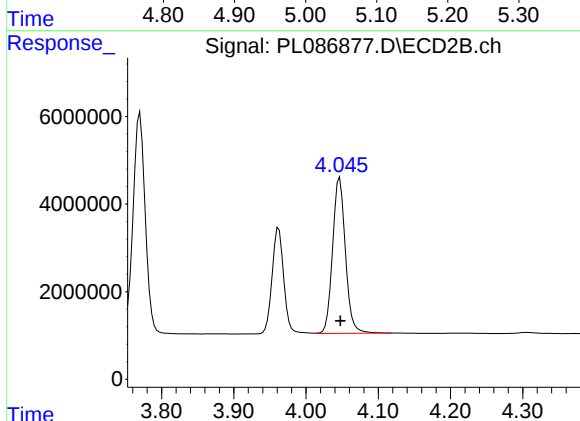
#5 Aldrin

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 155062943
Conc: 36.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

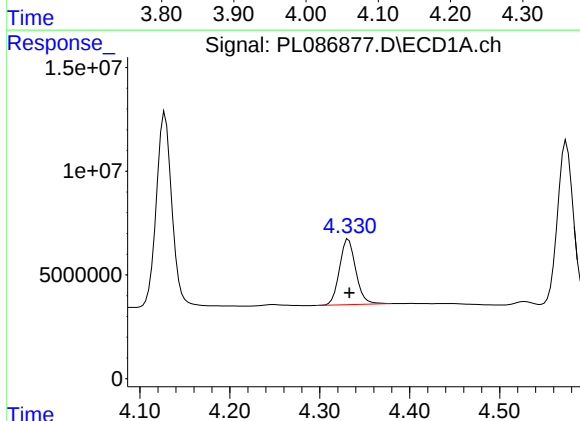
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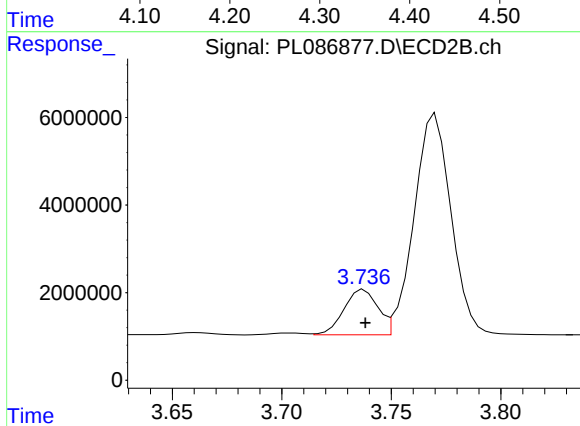
#5 Aldrin

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 44024560
Conc: 36.07 ng/ml



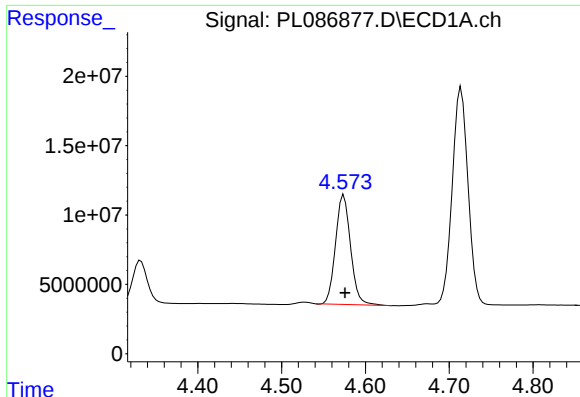
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 39717845
Conc: 21.23 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 11129127
Conc: 21.03 ng/ml



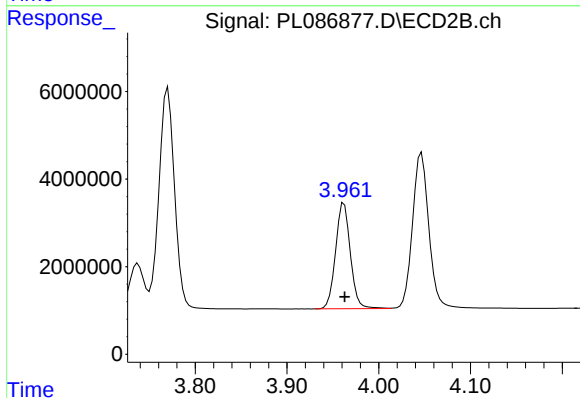
#7 delta-BHC

R.T.: 4.574 min
Delta R.T.: -0.001 min
Response: 98317613
Conc: 23.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

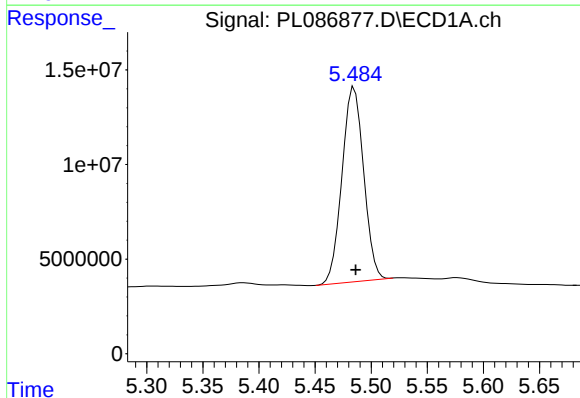
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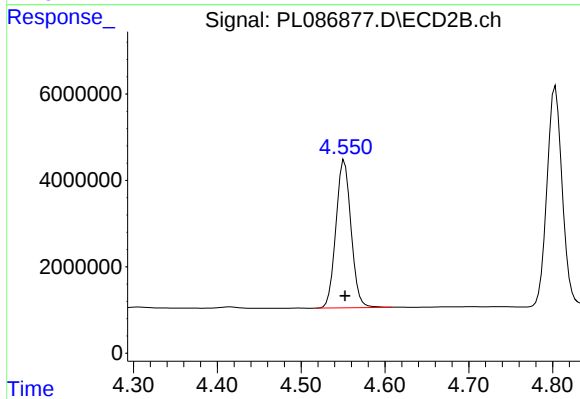
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 27128846
Conc: 23.23 ng/ml



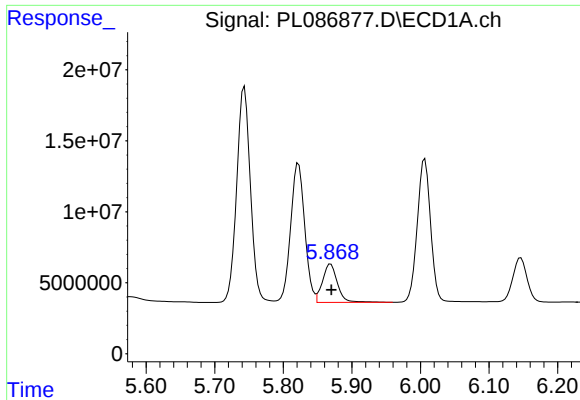
#8 Heptachlor epoxide

R.T.: 5.485 min
Delta R.T.: -0.001 min
Response: 138875262
Conc: 39.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 42925405
Conc: 37.71 ng/ml



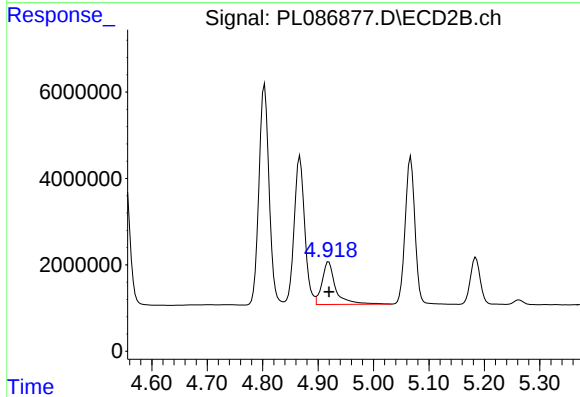
#9 Endosulfan I

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 40778707
Conc: 11.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD2

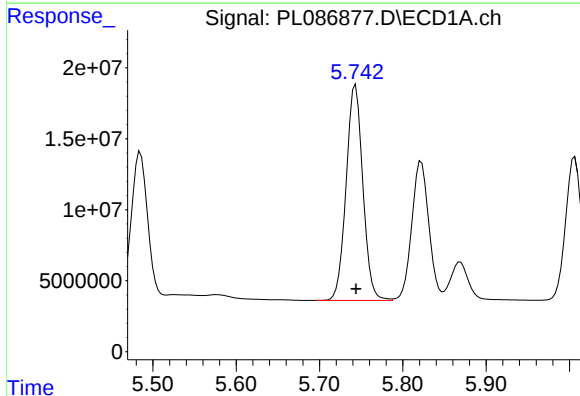
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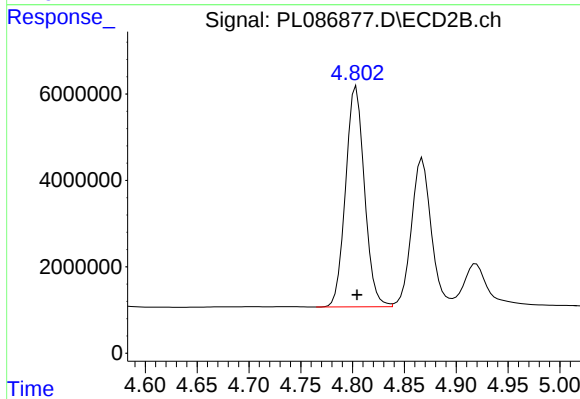
#9 Endosulfan I

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 16875335
Conc: 10.29 ng/ml



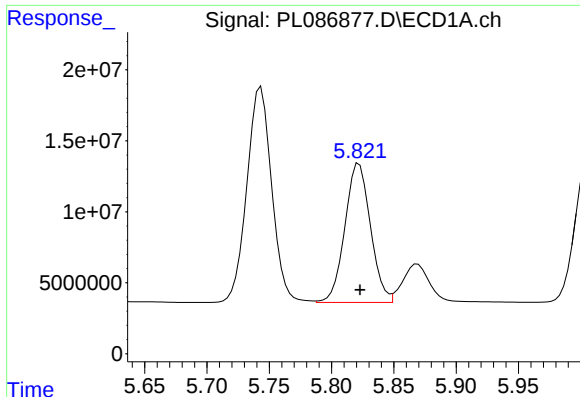
#10 gamma-Chlordane

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 211439591
Conc: 56.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 64727735
Conc: 56.47 ng/ml



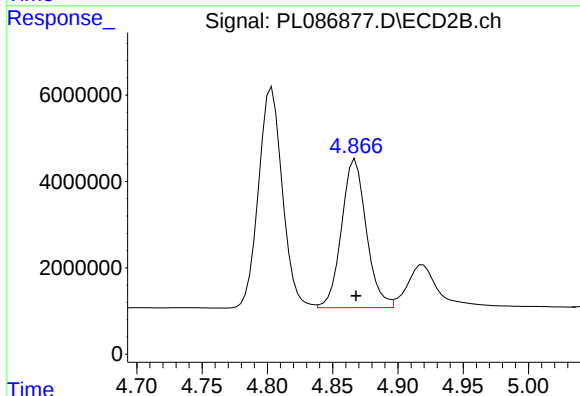
#11 alpha-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 140379148
Conc: 37.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILD2

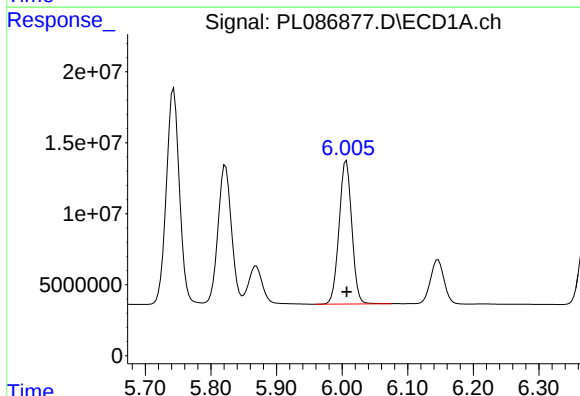
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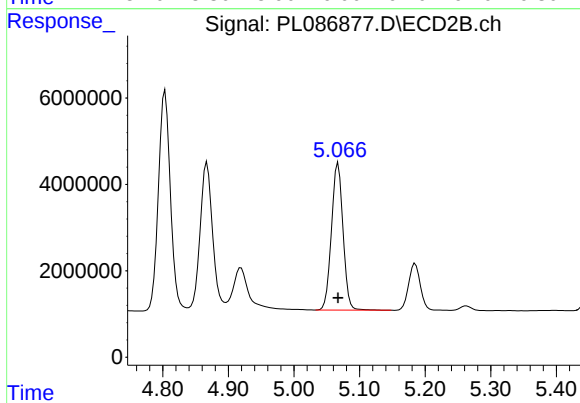
#11 alpha-Chlordane

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 45503594
Conc: 34.22 ng/ml



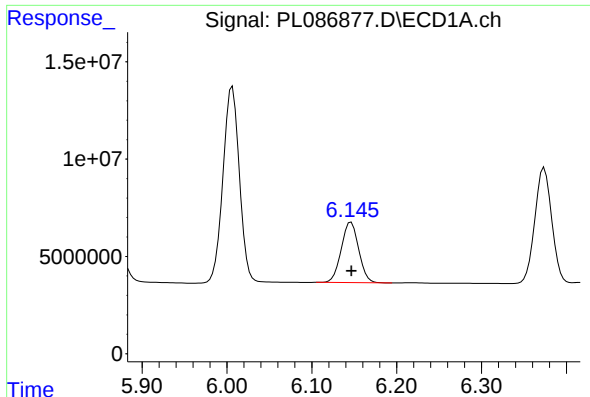
#12 4,4'-DDE

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 136190330
Conc: 45.05 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 41632032
Conc: 45.35 ng/ml



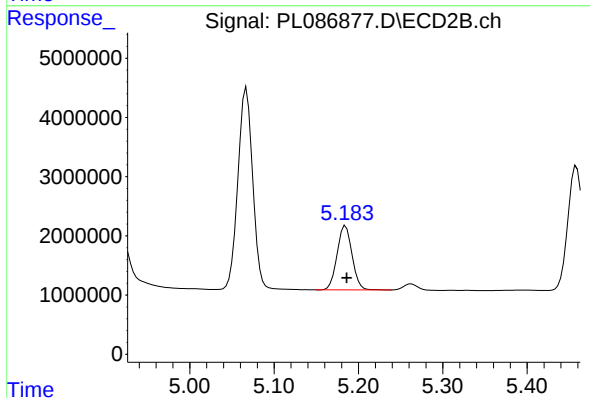
#13 Dieldrin

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 44355873
Conc: 12.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

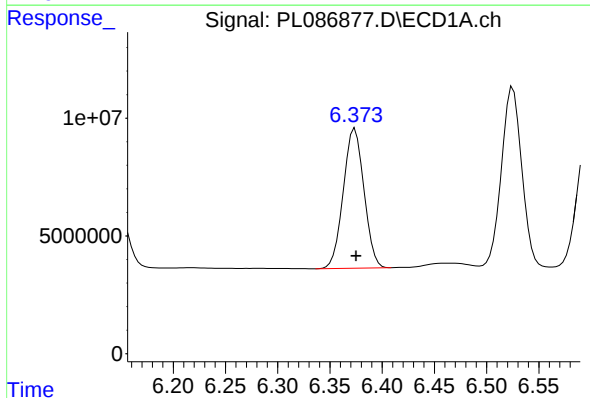
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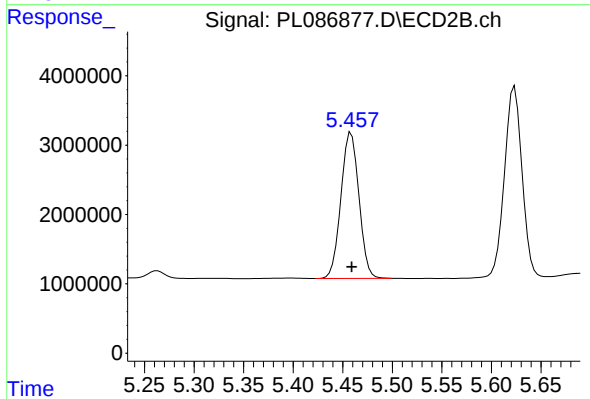
#13 Dieldrin

R.T.: 5.185 min
Delta R.T.: -0.001 min
Response: 13321610
Conc: 12.44 ng/ml



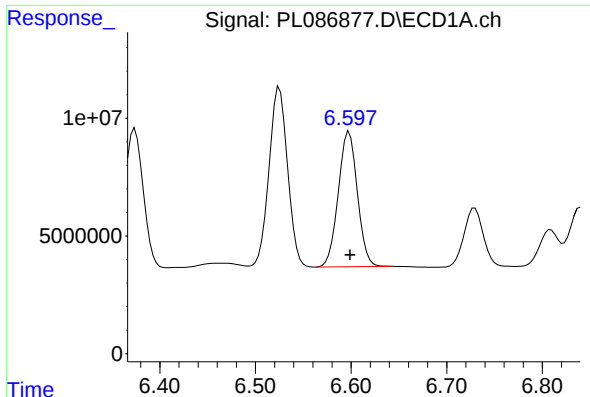
#14 Endrin

R.T.: 6.374 min
Delta R.T.: -0.001 min
Response: 81672735
Conc: 31.68 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 26647194
Conc: 31.62 ng/ml



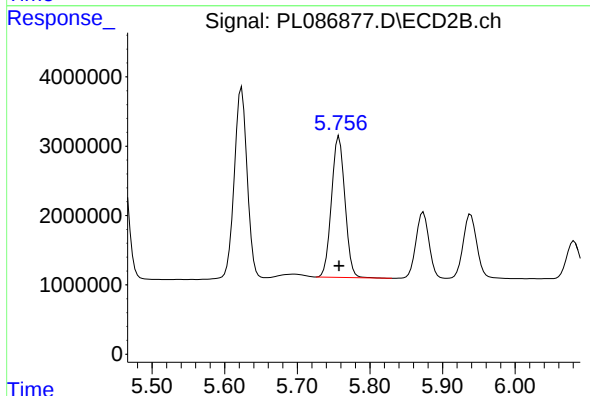
#15 Endosulfan II

R.T.: 6.598 min
Delta R.T.: -0.001 min
Response: 79651630
Conc: 27.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

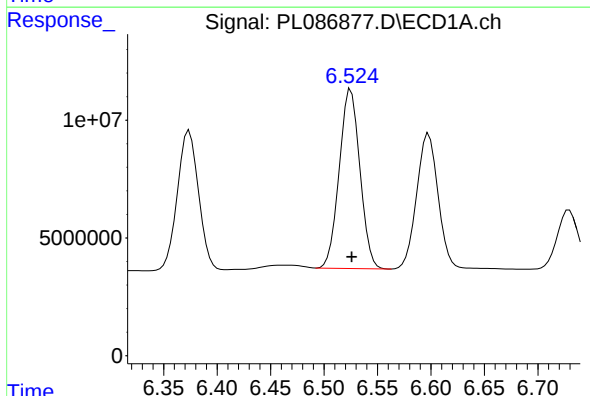
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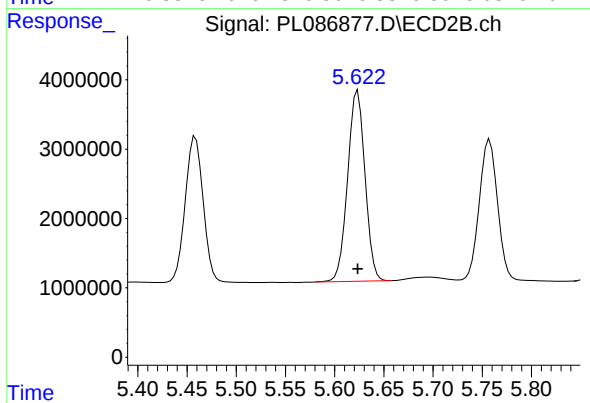
#15 Endosulfan II

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 26186440
Conc: 28.20 ng/ml



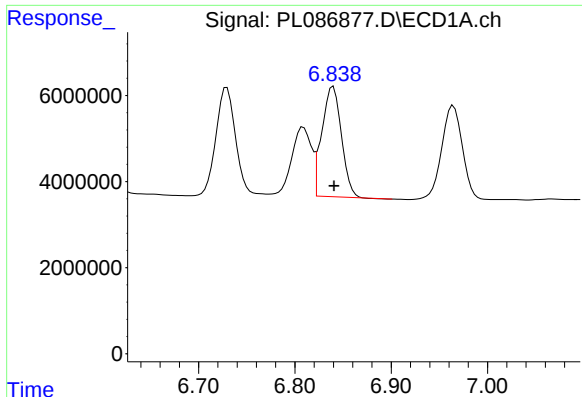
#16 4,4'-DDD

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 102544239
Conc: 43.79 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 33803548
Conc: 43.77 ng/ml



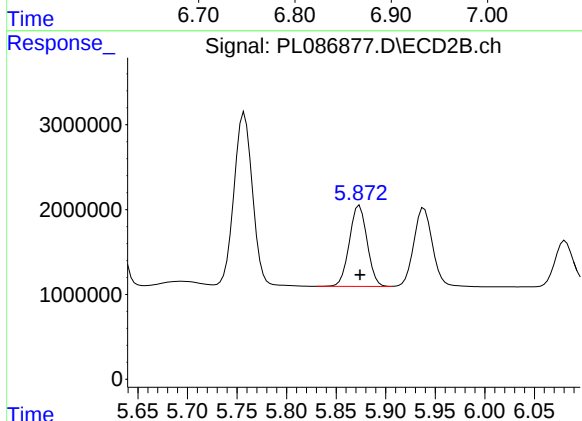
#17 4,4'-DDT

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 36083417
Conc: 14.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

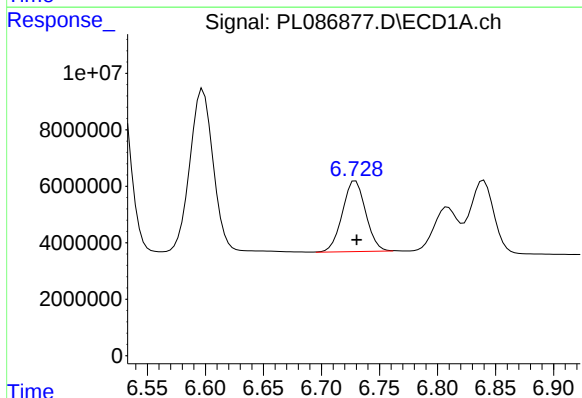
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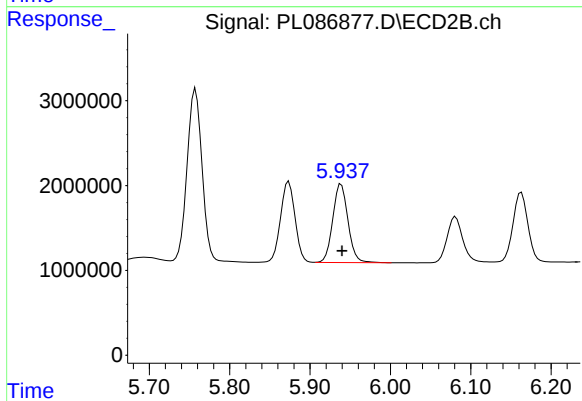
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 11948604
Conc: 14.82 ng/ml



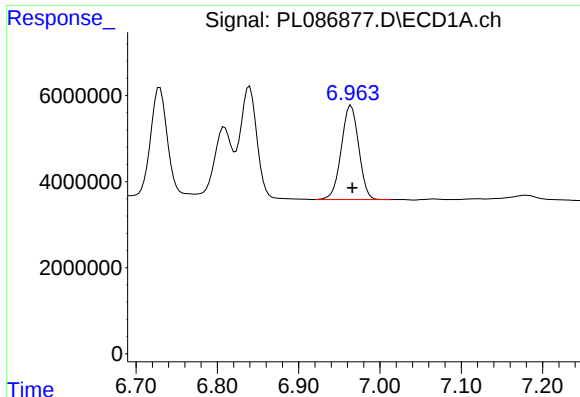
#18 Endrin aldehyde

R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 35122781
Conc: 16.46 ng/ml m



#18 Endrin aldehyde

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 12205763
Conc: 17.47 ng/ml



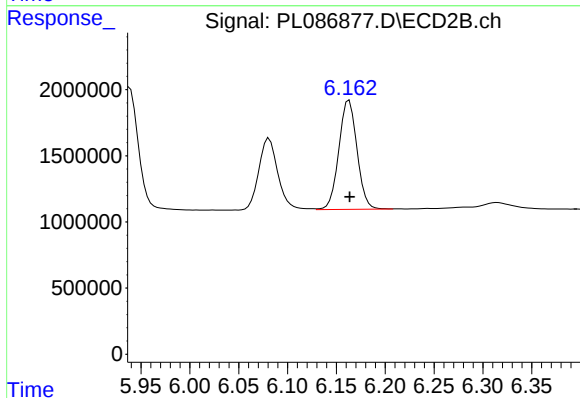
#19 Endosulfan Sulfate

R.T.: 6.965 min
Delta R.T.: -0.001 min
Response: 32500627
Conc: 11.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

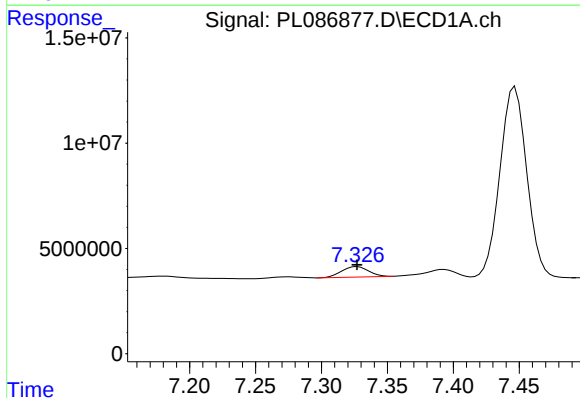
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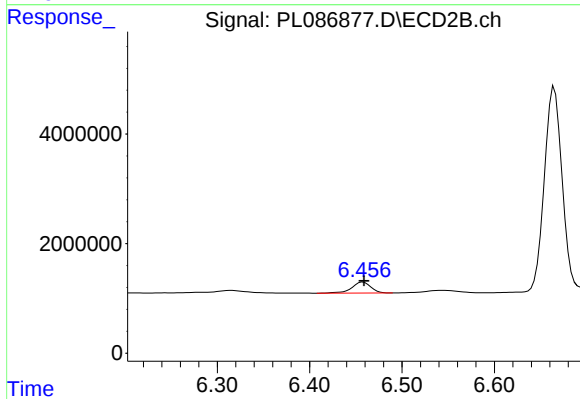
#19 Endosulfan Sulfate

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 10699920
Conc: 11.28 ng/ml



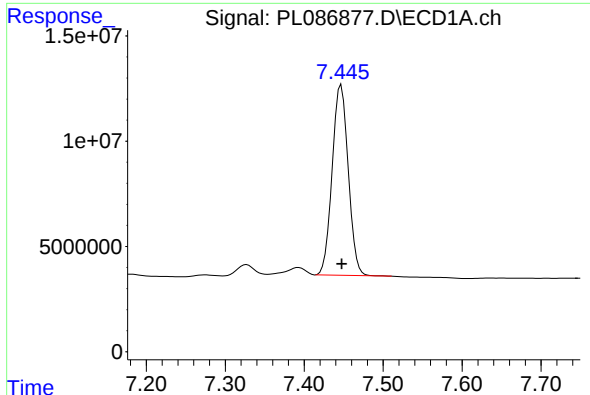
#20 Methoxychlor

R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 6985755
Conc: 5.29 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 2879698
Conc: 5.59 ng/ml



#21 Endrin ketone

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 127702735
Conc: 42.71 ng/ml

Instrument :

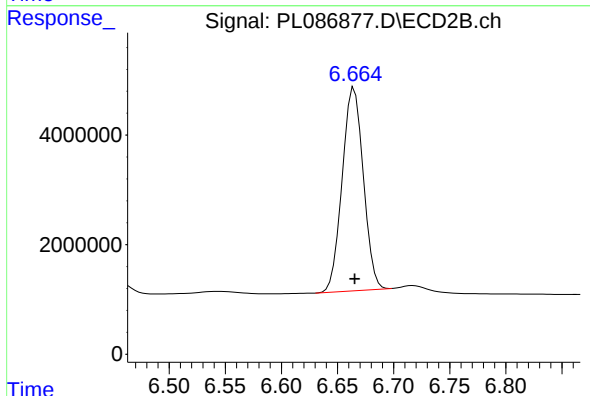
ECD_L

ClientSampleId :

PT-PEST-SOILDL2

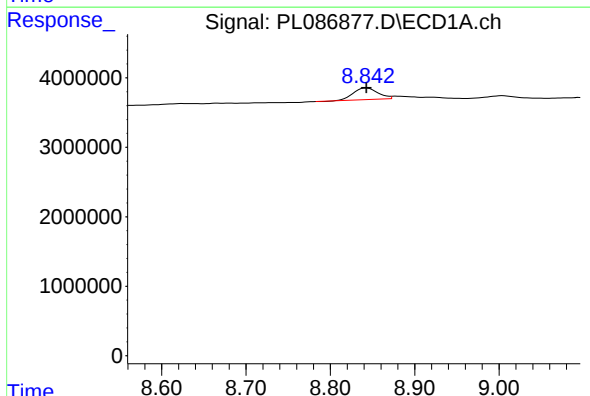
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :Ankita Jodhani 11/29/2023



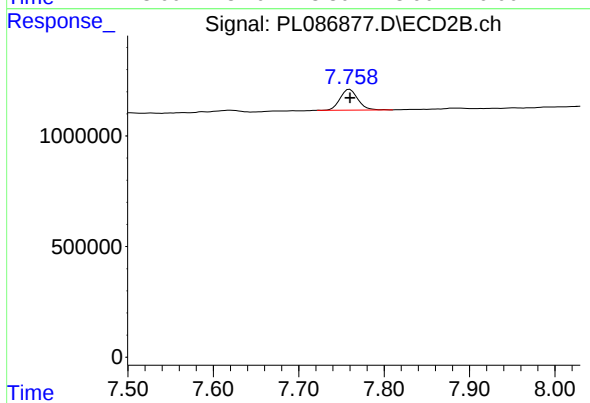
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 48647963
Conc: 42.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 3375825
Conc: 1.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 1364402
Conc: 1.24 ng/ml