

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031323\
 Data File : PL081434.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2023 15:31
 Operator : AR\AJ
 Sample : 01877-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-SOILMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/14/2023
 Supervised By : Ankita Jodhani 03/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 21:41:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.331	2.662	41677927	35774421	19.290	17.677
28)	SA Decachlor...	8.756	7.783	27915391	33023891	18.311	17.240
Target Compounds							
2)	A alpha-BHC	3.781	3.162	142.7E6	125.6E6	44.850	42.867
3)	MA gamma-BHC...	4.110	3.490	140.2E6	125.2E6	47.391	45.501
4)	MA Heptachlor	4.690	3.824	127.2E6	122.6E6	46.086	44.434
5)	MB Aldrin	5.027	4.101	123.1E6	119.5E6	48.372	45.565
6)	B beta-BHC	4.312	3.789	61600906	52248546	44.753	45.018
7)	B delta-BHC	4.554	4.017	111.7E6	96644711	40.178	37.950
8)	B Heptachlo...	5.453	4.603	110.8E6	110.1E6	46.950	45.524
9)	A Endosulfan I	5.834	4.972	98749883	101.3E6	46.741	44.768
10)	B gamma-Chl...	5.708	4.853	109.8E6	110.2E6	48.133	45.029
11)	B alpha-Chl...	5.786	4.916	107.2E6	110.5E6	47.569	45.115
12)	B 4,4'-DDE	5.964	5.107	93655411	90146737	47.866	45.926
13)	MA Dieldrin	6.109	5.236	101.4E6	107.5E6	48.430	47.707
14)	MA Endrin	6.336	5.511	88399025	91946399	48.638	45.753
15)	B Endosulfa...	6.557	5.807	85190347	90285506	48.862	48.969
16)	A 4,4'-DDD	6.479	5.662	73258370	71205157	47.590	46.415
17)	MA 4,4'-DDT	6.790	5.911	77704196	80846297	48.953	50.393
18)	B Endrin al...	6.686	5.987	72583967	74027733	50.710m	48.862
19)	B Endosulfa...	6.922	6.209	82761182	88665397	46.094	46.131m
20)	A Methoxychlor	7.271	6.491	43937456	45441997	51.009	48.963
21)	B Endrin ke...	7.401	6.714	90811295	100.6E6	50.061	46.739m
22)	Mirex	7.867	6.888	69186149	86000548	47.417	44.684

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031323\
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Manual Integrations

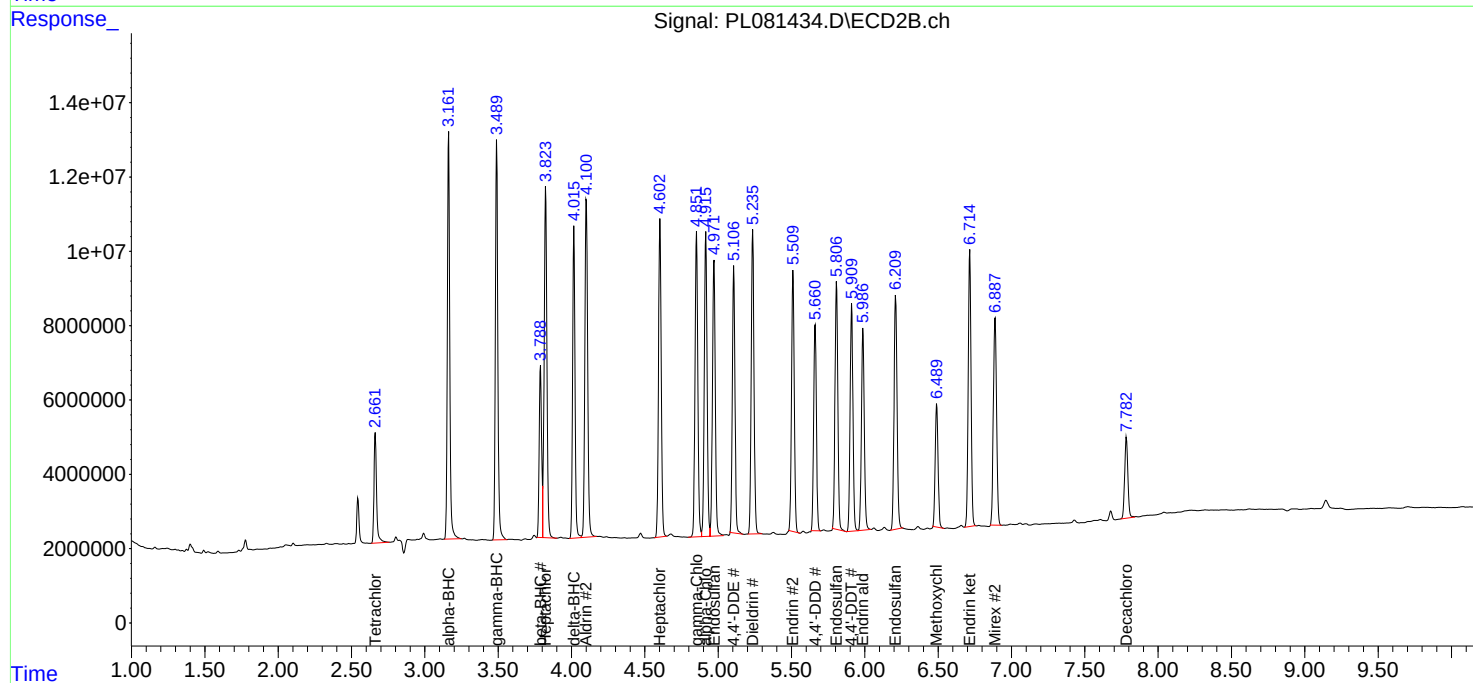
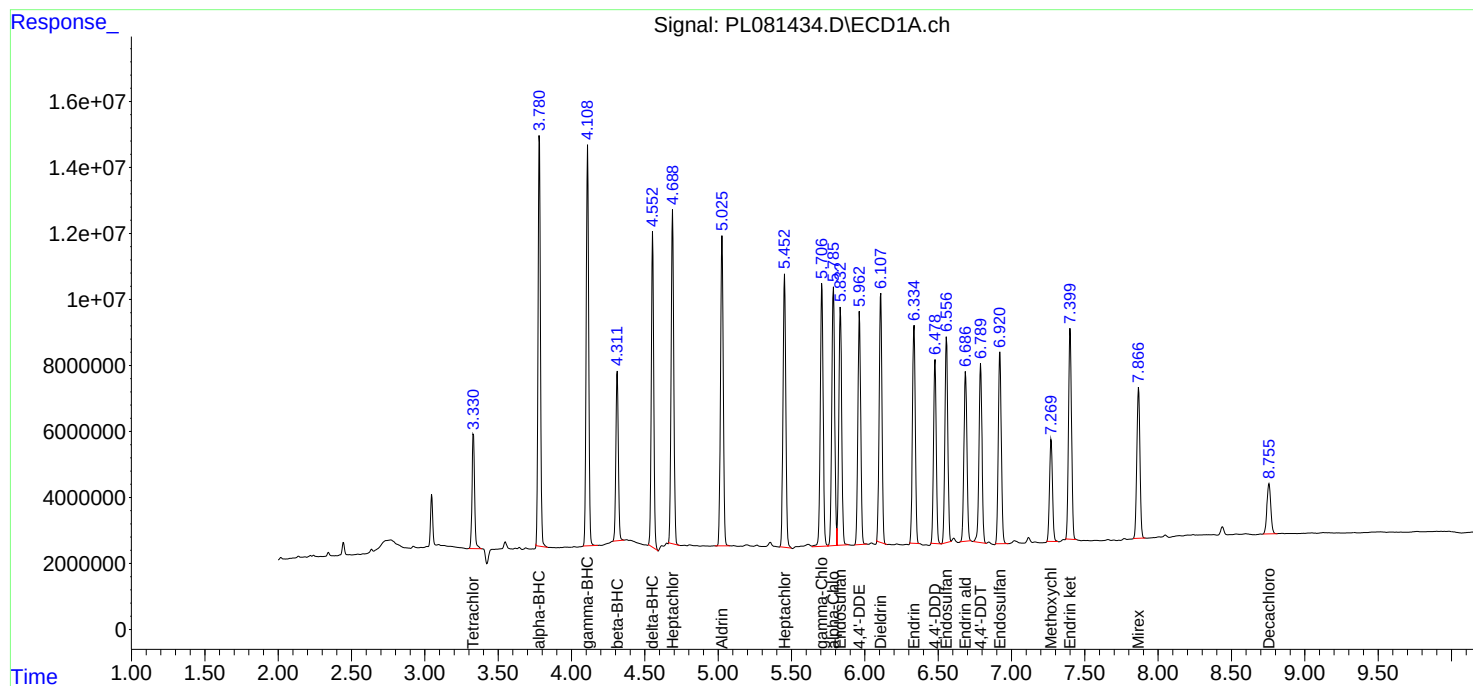
APPROVED

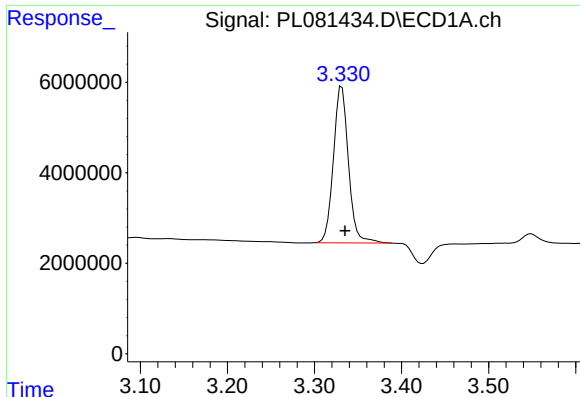
Reviewed By :Abdul Mirza 03/14/2023

Supervised By :Ankita Jodhani 03/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 21:41:23 2023
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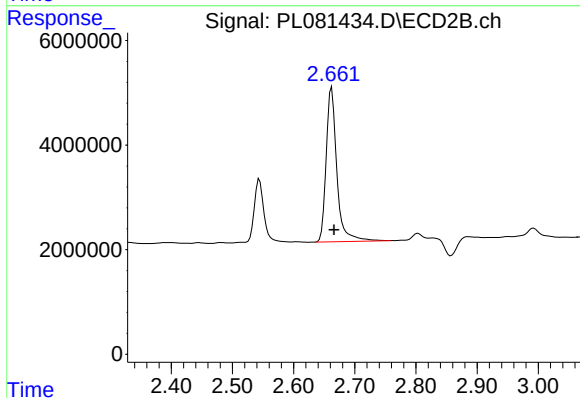
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 41677927
Conc: 19.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

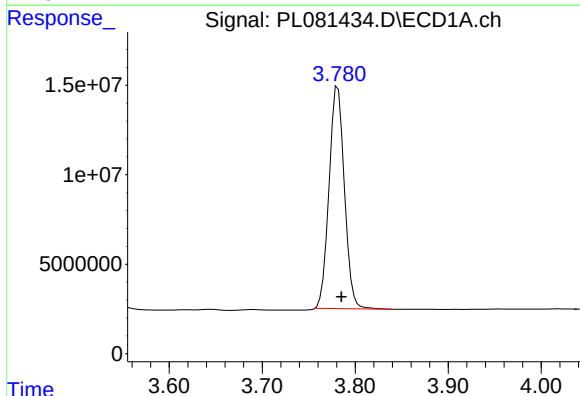
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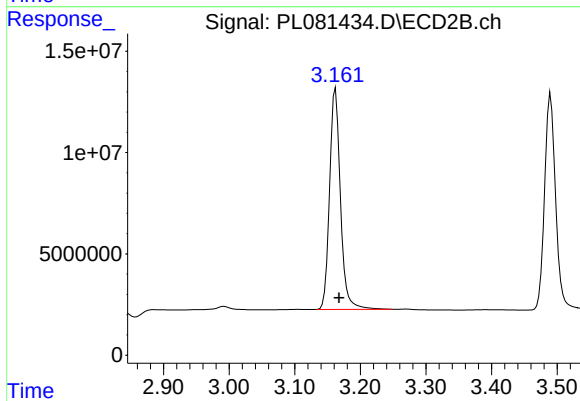
#1 Tetrachloro-m-xylene

R.T.: 2.662 min
Delta R.T.: -0.004 min
Response: 35774421
Conc: 17.68 ng/ml



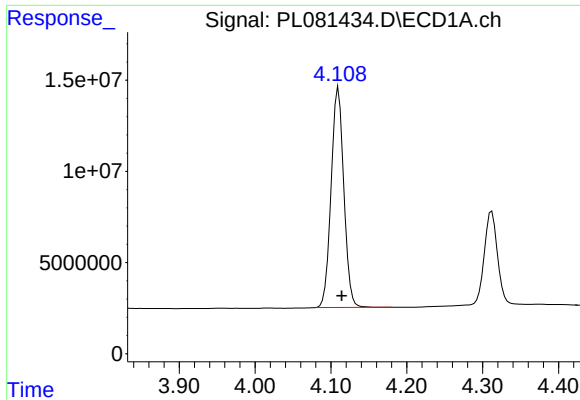
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.004 min
Response: 142680316
Conc: 44.85 ng/ml



#2 alpha-BHC

R.T.: 3.162 min
Delta R.T.: -0.005 min
Response: 125626048
Conc: 42.87 ng/ml



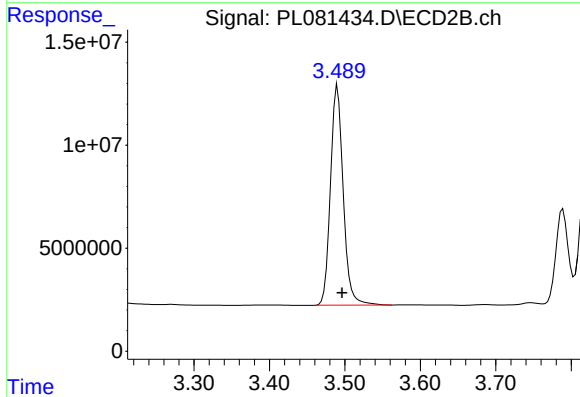
#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: -0.005 min
Response: 140210426
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

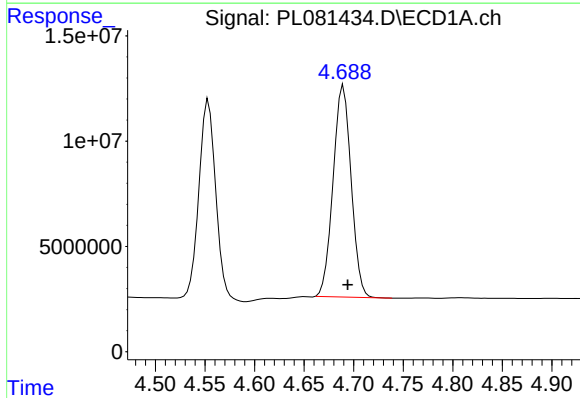
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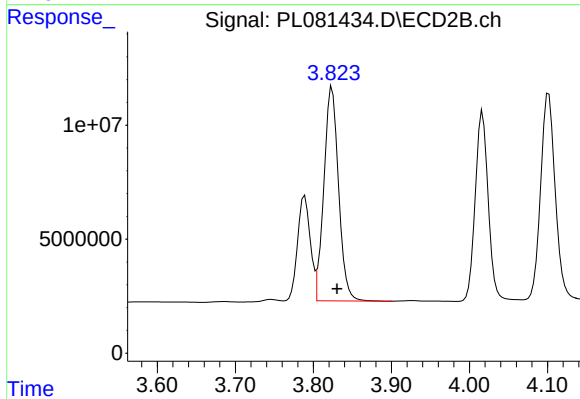
#3 gamma-BHC (Lindane)

R.T.: 3.490 min
Delta R.T.: -0.006 min
Response: 125176102
Conc: 45.50 ng/ml



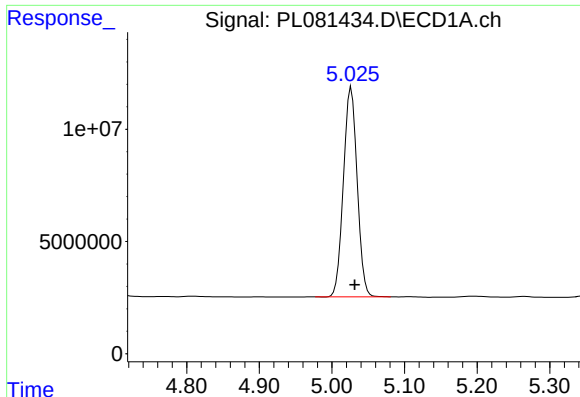
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 127170048
Conc: 46.09 ng/ml



#4 Heptachlor

R.T.: 3.824 min
Delta R.T.: -0.007 min
Response: 122617562
Conc: 44.43 ng/ml



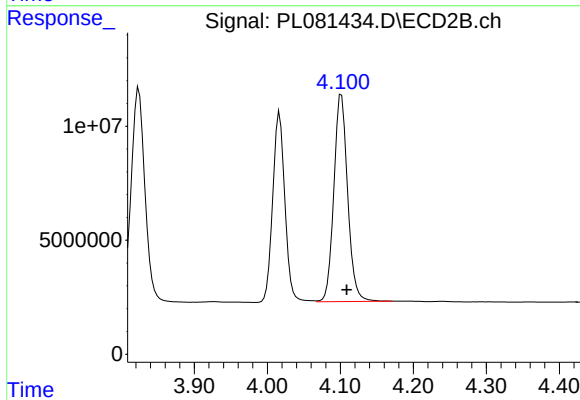
#5 Aldrin

R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 123065355
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

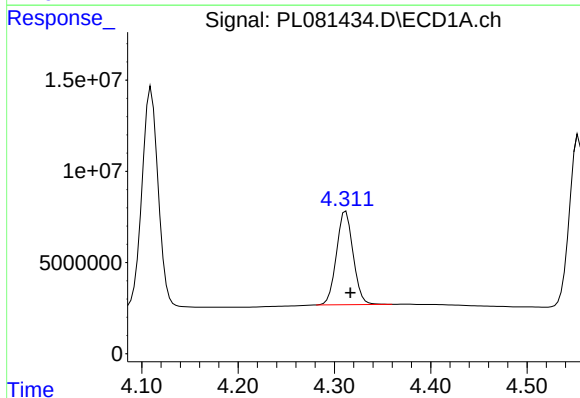
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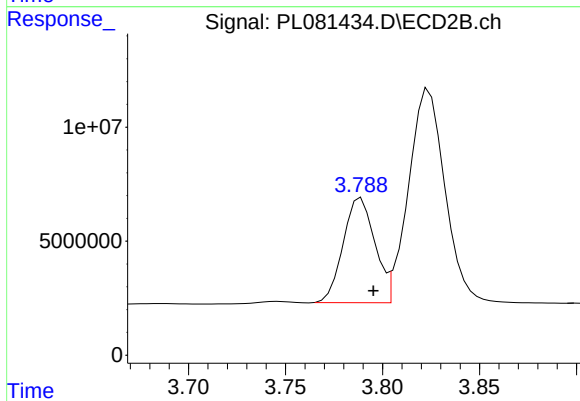
#5 Aldrin

R.T.: 4.101 min
Delta R.T.: -0.007 min
Response: 119459164
Conc: 45.56 ng/ml



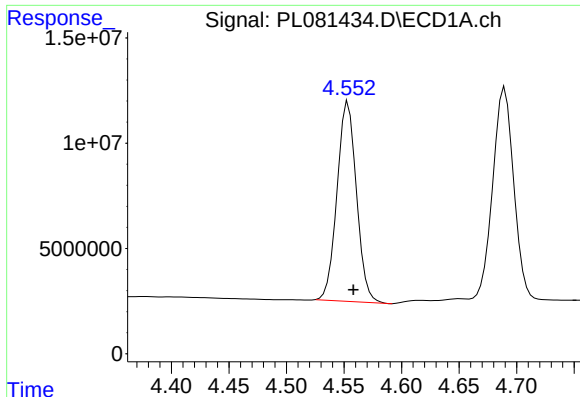
#6 beta-BHC

R.T.: 4.312 min
Delta R.T.: -0.005 min
Response: 61600906
Conc: 44.75 ng/ml



#6 beta-BHC

R.T.: 3.789 min
Delta R.T.: -0.006 min
Response: 52248546
Conc: 45.02 ng/ml



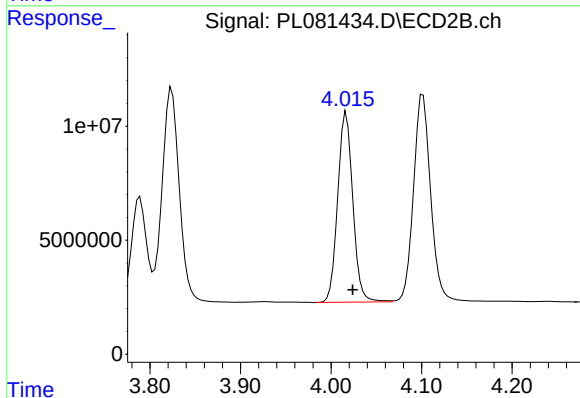
#7 delta-BHC

R.T.: 4.554 min
Delta R.T.: -0.005 min
Response: 111662881
Conc: 40.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

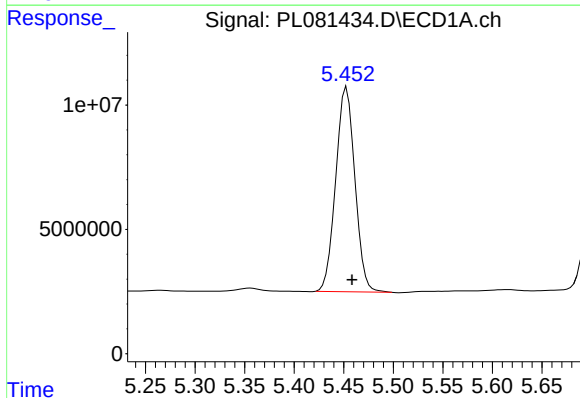
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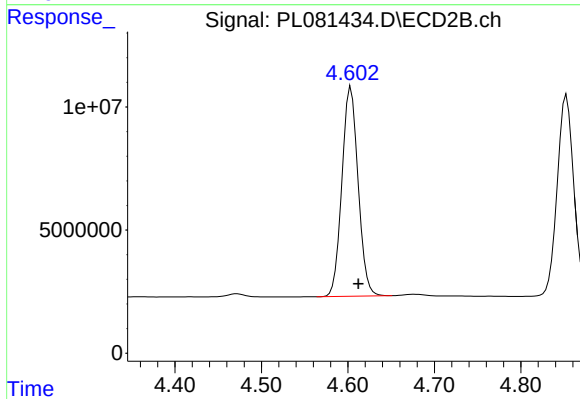
#7 delta-BHC

R.T.: 4.017 min
Delta R.T.: -0.007 min
Response: 96644711
Conc: 37.95 ng/ml



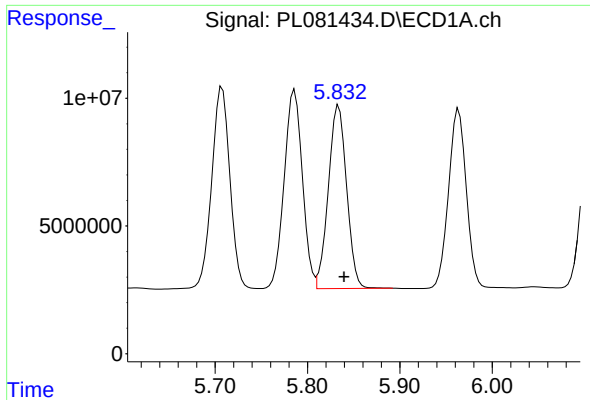
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: -0.005 min
Response: 110803355
Conc: 46.95 ng/ml



#8 Heptachlor epoxide

R.T.: 4.603 min
Delta R.T.: -0.009 min
Response: 110082632
Conc: 45.52 ng/ml



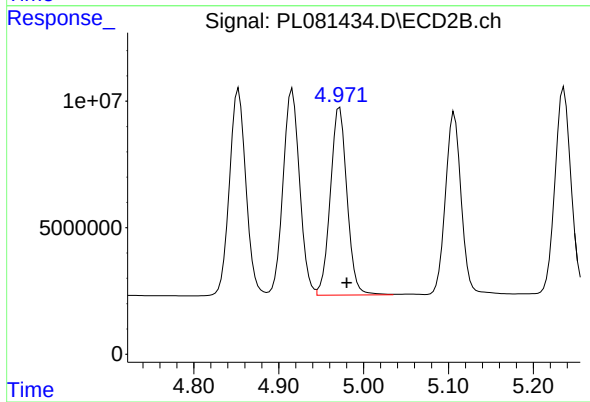
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.006 min
Response: 98749883
Conc: 46.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

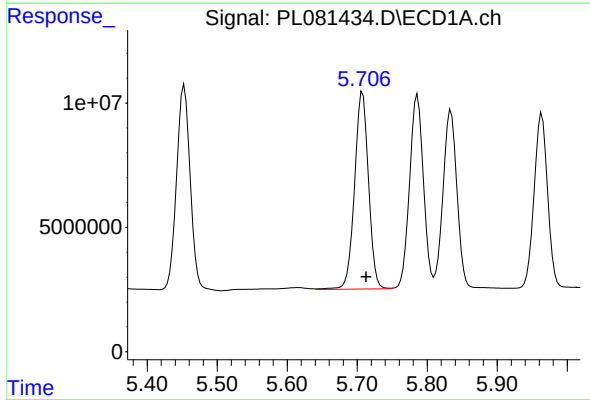
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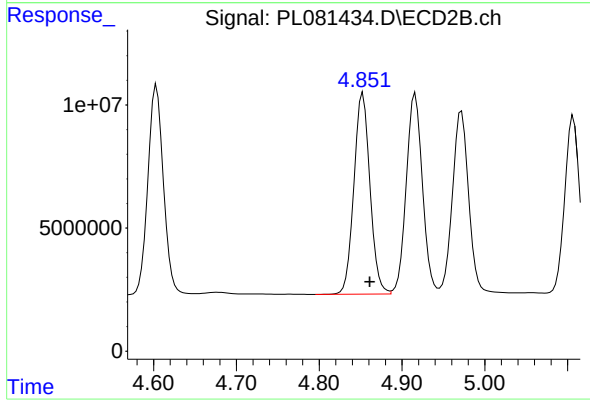
#9 Endosulfan I

R.T.: 4.972 min
Delta R.T.: -0.008 min
Response: 101339340
Conc: 44.77 ng/ml



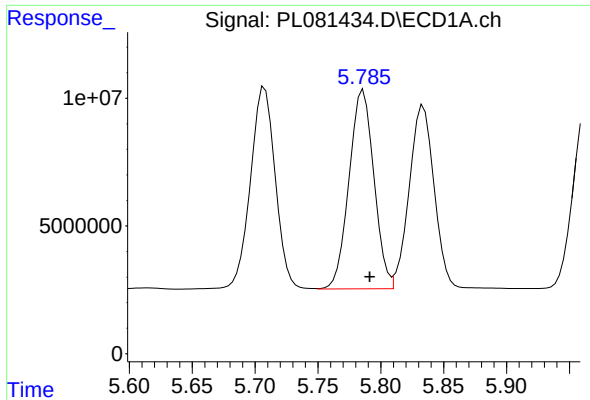
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 109835279
Conc: 48.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.853 min
Delta R.T.: -0.008 min
Response: 110221542
Conc: 45.03 ng/ml



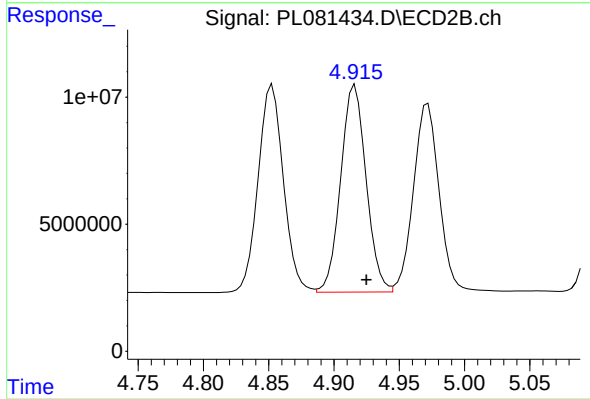
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 107168895
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

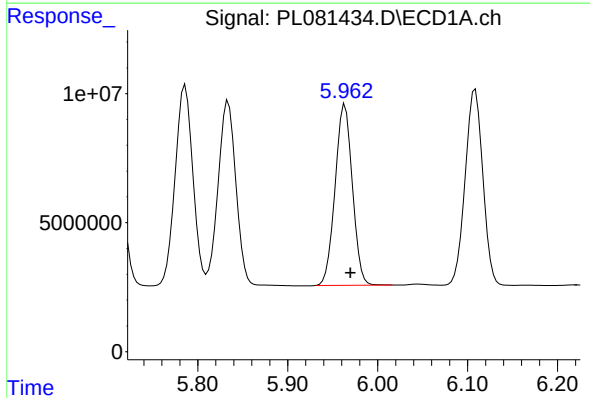
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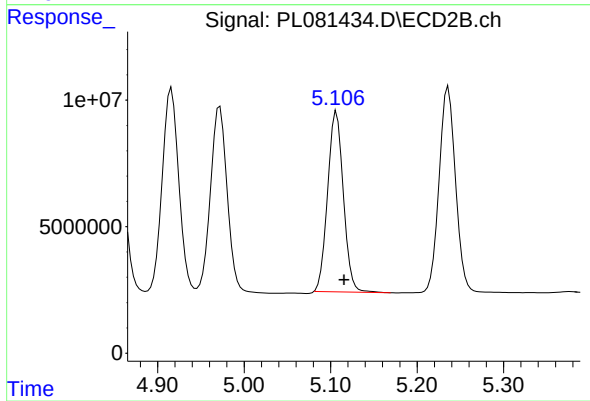
#11 alpha-Chlordane

R.T.: 4.916 min
Delta R.T.: -0.009 min
Response: 110467321
Conc: 45.12 ng/ml



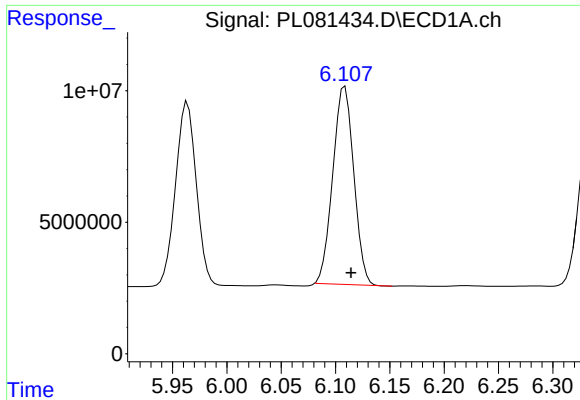
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: -0.006 min
Response: 93655411
Conc: 47.87 ng/ml



#12 4,4'-DDE

R.T.: 5.107 min
Delta R.T.: -0.009 min
Response: 90146737
Conc: 45.93 ng/ml



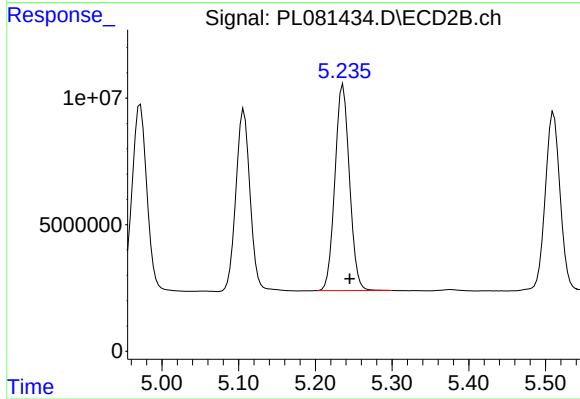
#13 Dieldrin

R.T.: 6.109 min
Delta R.T.: -0.006 min
Response: 101362466
Conc: 48.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

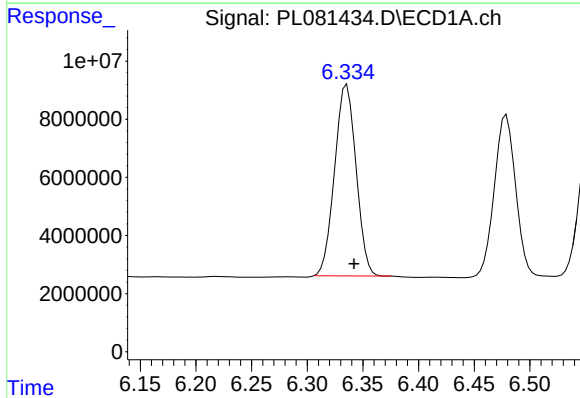
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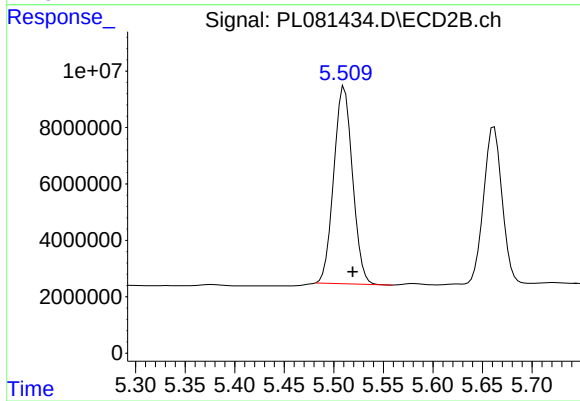
#13 Dieldrin

R.T.: 5.236 min
Delta R.T.: -0.009 min
Response: 107548777
Conc: 47.71 ng/ml



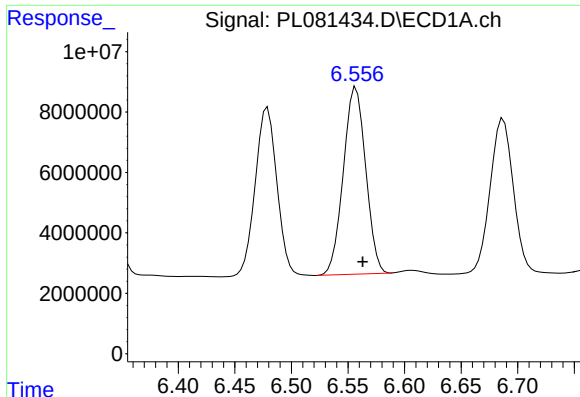
#14 Endrin

R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 88399025
Conc: 48.64 ng/ml



#14 Endrin

R.T.: 5.511 min
Delta R.T.: -0.009 min
Response: 91946399
Conc: 45.75 ng/ml



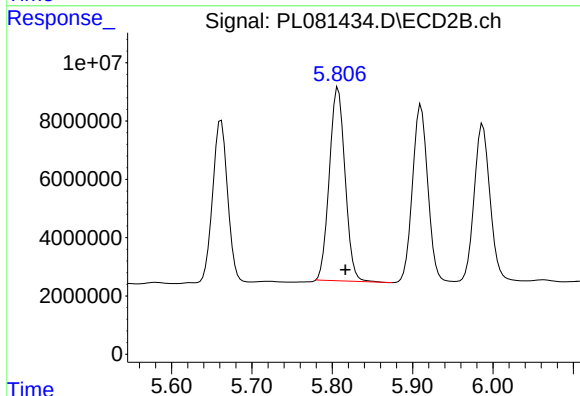
#15 Endosulfan II

R.T.: 6.557 min
Delta R.T.: -0.006 min
Response: 85190347
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

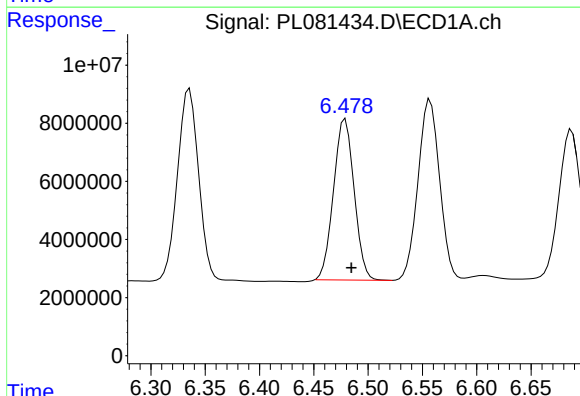
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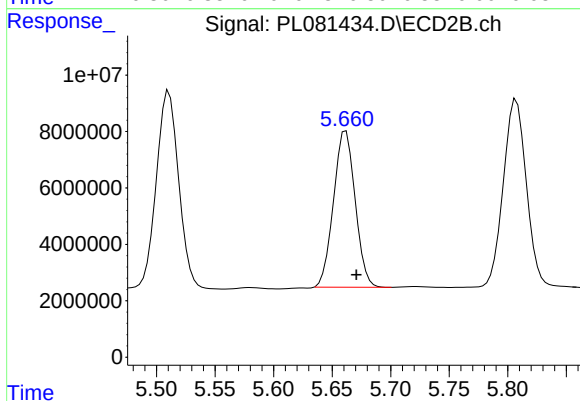
#15 Endosulfan II

R.T.: 5.807 min
Delta R.T.: -0.009 min
Response: 90285506
Conc: 48.97 ng/ml



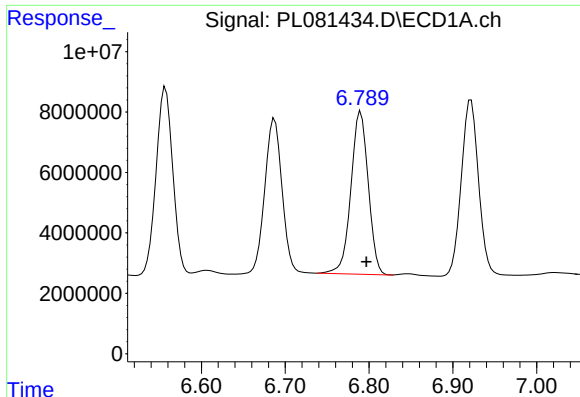
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 73258370
Conc: 47.59 ng/ml



#16 4,4'-DDD

R.T.: 5.662 min
Delta R.T.: -0.009 min
Response: 71205157
Conc: 46.41 ng/ml



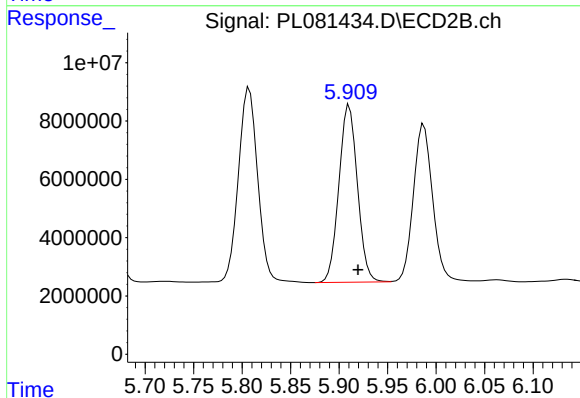
#17 4,4'-DDT

R.T.: 6.790 min
Delta R.T.: -0.007 min
Response: 77704196
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

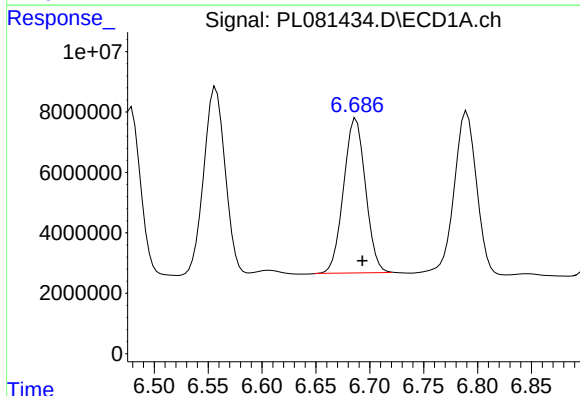
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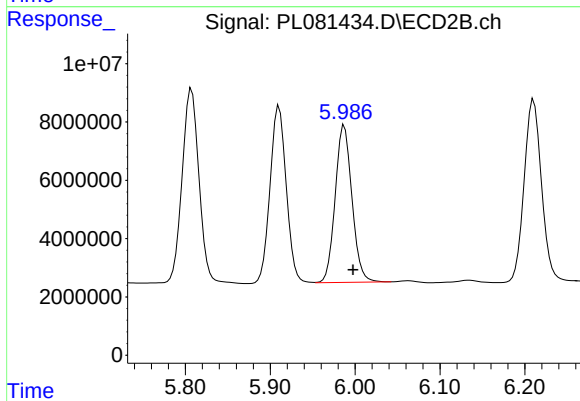
#17 4,4'-DDT

R.T.: 5.911 min
Delta R.T.: -0.009 min
Response: 80846297
Conc: 50.39 ng/ml



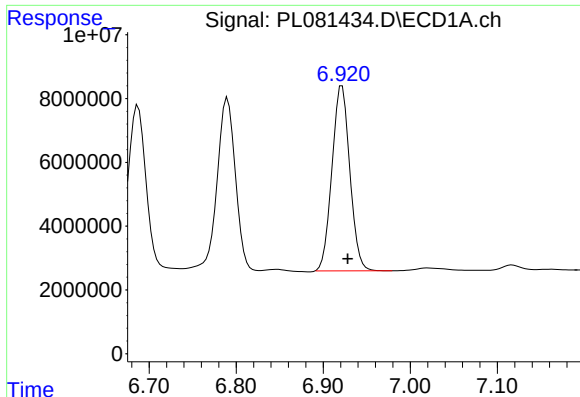
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 72583967
Conc: 50.71 ng/ml m



#18 Endrin aldehyde

R.T.: 5.987 min
Delta R.T.: -0.010 min
Response: 74027733
Conc: 48.86 ng/ml



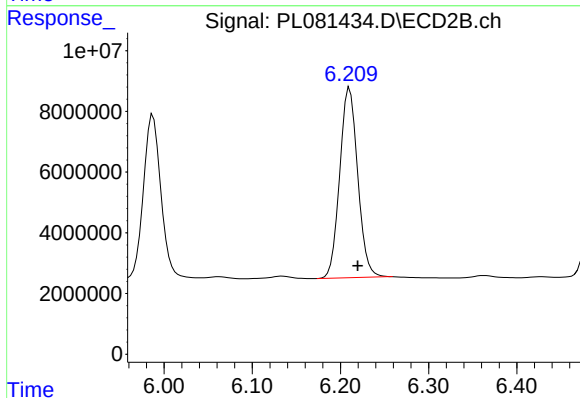
#19 Endosulfan Sulfate

R.T.: 6.922 min
Delta R.T.: -0.007 min
Response: 82761182
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

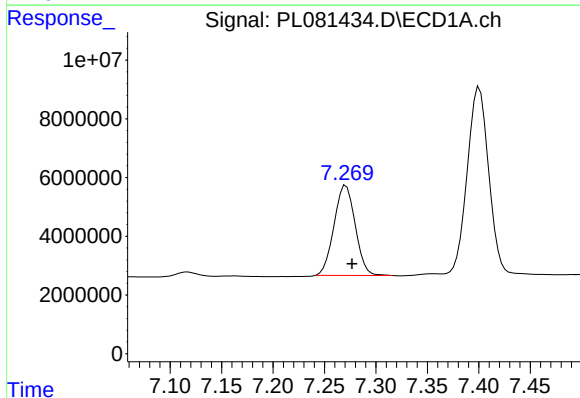
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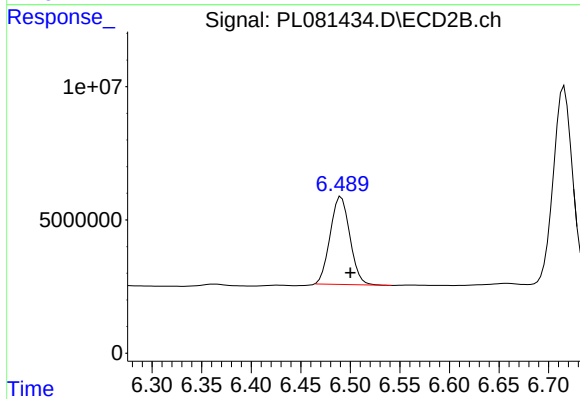
#19 Endosulfan Sulfate

R.T.: 6.209 min
Delta R.T.: -0.011 min
Response: 88665397
Conc: 46.13 ng/ml m



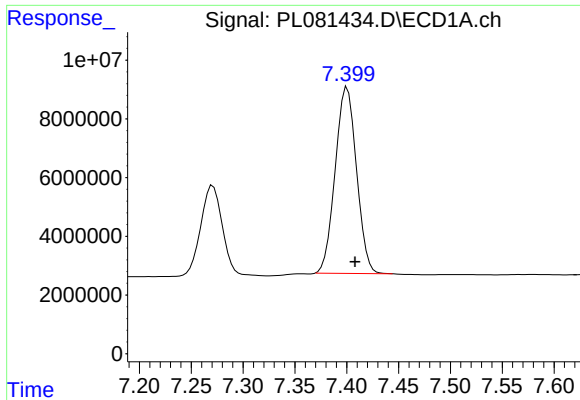
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.006 min
Response: 43937456
Conc: 51.01 ng/ml



#20 Methoxychlor

R.T.: 6.491 min
Delta R.T.: -0.009 min
Response: 45441997
Conc: 48.96 ng/ml



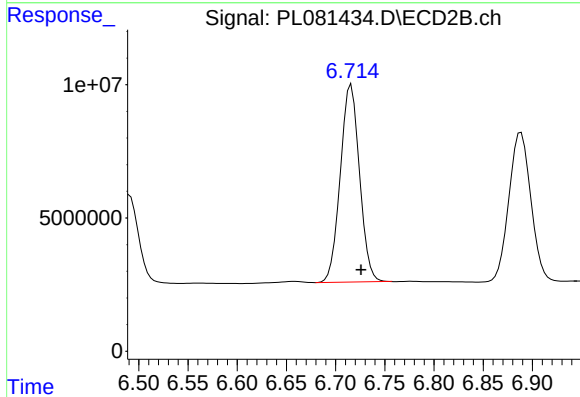
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.008 min
Response: 90811295
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

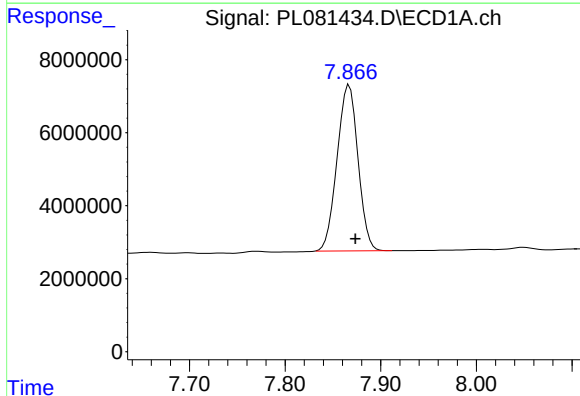
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Reviewed By :Abdul Mirza 03/14/2023
Supervised By :Ankita Jodhani 03/15/2023



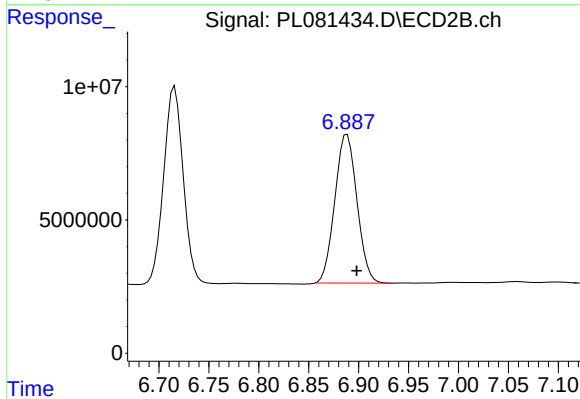
#21 Endrin ketone

R.T.: 6.714 min
Delta R.T.: -0.011 min
Response: 100632717
Conc: 46.74 ng/ml m



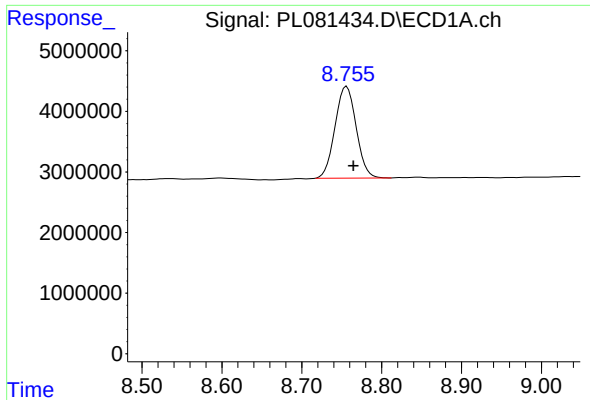
#22 Mirex

R.T.: 7.867 min
Delta R.T.: -0.006 min
Response: 69186149
Conc: 47.42 ng/ml



#22 Mirex

R.T.: 6.888 min
Delta R.T.: -0.010 min
Response: 86000548
Conc: 44.68 ng/ml



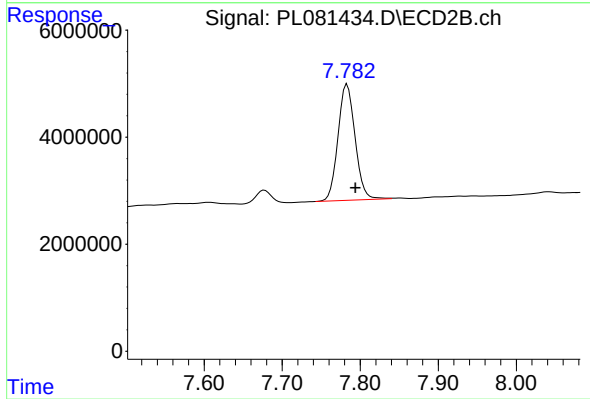
#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.008 min
Response: 27915391
Conc: 18.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/14/2023
Supervised By :Ankita Jodhani 03/15/2023



#28 Decachlorobiphenyl

R.T.: 7.783 min
Delta R.T.: -0.010 min
Response: 33023891
Conc: 17.24 ng/ml