

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031323\
 Data File : PL081435.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2023 15:45
 Operator : AR\AJ
 Sample : 01877-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-SOILMSD

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 21:42:05 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	42405977	36509461	19.627	18.040
28)	SA Decachlor...	8.756	7.784	28121401	33178691	18.446	17.321
Target Compounds							
2)	A alpha-BHC	3.782	3.162	146.0E6	128.4E6	45.897	43.809
3)	MA gamma-BHC...	4.110	3.490	142.2E6	127.7E6	48.059	46.431
4)	MA Heptachlor	4.690	3.824	129.5E6	124.7E6	46.926	45.191
5)	MB Aldrin	5.027	4.102	125.0E6	121.8E6	49.120	46.444
6)	B beta-BHC	4.312	3.789	63067691	53123652	45.818	45.772
7)	B delta-BHC	4.554	4.017	113.0E6	98732080	40.654	38.769
8)	B Heptachlo...	5.453	4.604	112.5E6	112.0E6	47.685	46.314
9)	A Endosulfan I	5.834	4.972	100.4E6	103.2E6	47.527	45.587
10)	B gamma-Chl...	5.708	4.853	112.5E6	112.3E6	49.297	45.873
11)	B alpha-Chl...	5.786	4.917	108.9E6	112.6E6	48.352	45.996
12)	B 4,4'-DDE	5.963	5.107	94621057	93300607	48.360	47.533
13)	MA Dieldrin	6.109	5.237	104.0E6	109.2E6	49.687	48.438
14)	MA Endrin	6.336	5.511	89949496	94006659	49.491	46.778
15)	B Endosulfa...	6.557	5.807	86749397	91304849	49.756	49.522
16)	A 4,4'-DDD	6.479	5.662	74901175	72260575	48.657	47.103
17)	MA 4,4'-DDT	6.790	5.911	78616496	82044070	49.528	51.140
18)	B Endrin al...	6.686	5.988	73494433	74437792	51.346m	49.132
19)	B Endosulfa...	6.922	6.209	84283541	90217438	46.942	46.938m
20)	A Methoxychlor	7.271	6.490	44801043	47095483	52.012	50.744m
21)	B Endrin ke...	7.401	6.715	91600044	103.0E6	50.496	47.842m
22)	Mirex	7.865	6.888	70466982	87757621	48.294	45.597

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031323\
Data File : PL081435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2023 15:45
Operator : AR\AJ
Sample : 01877-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

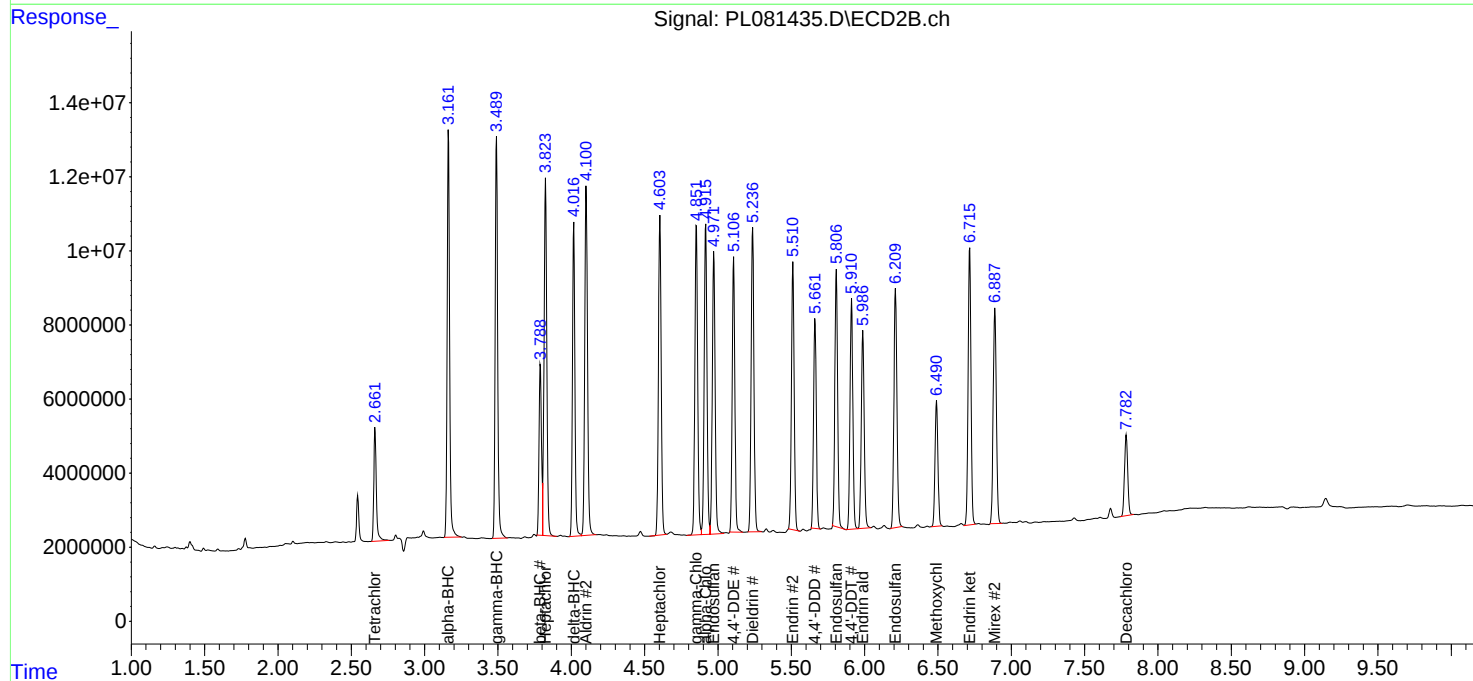
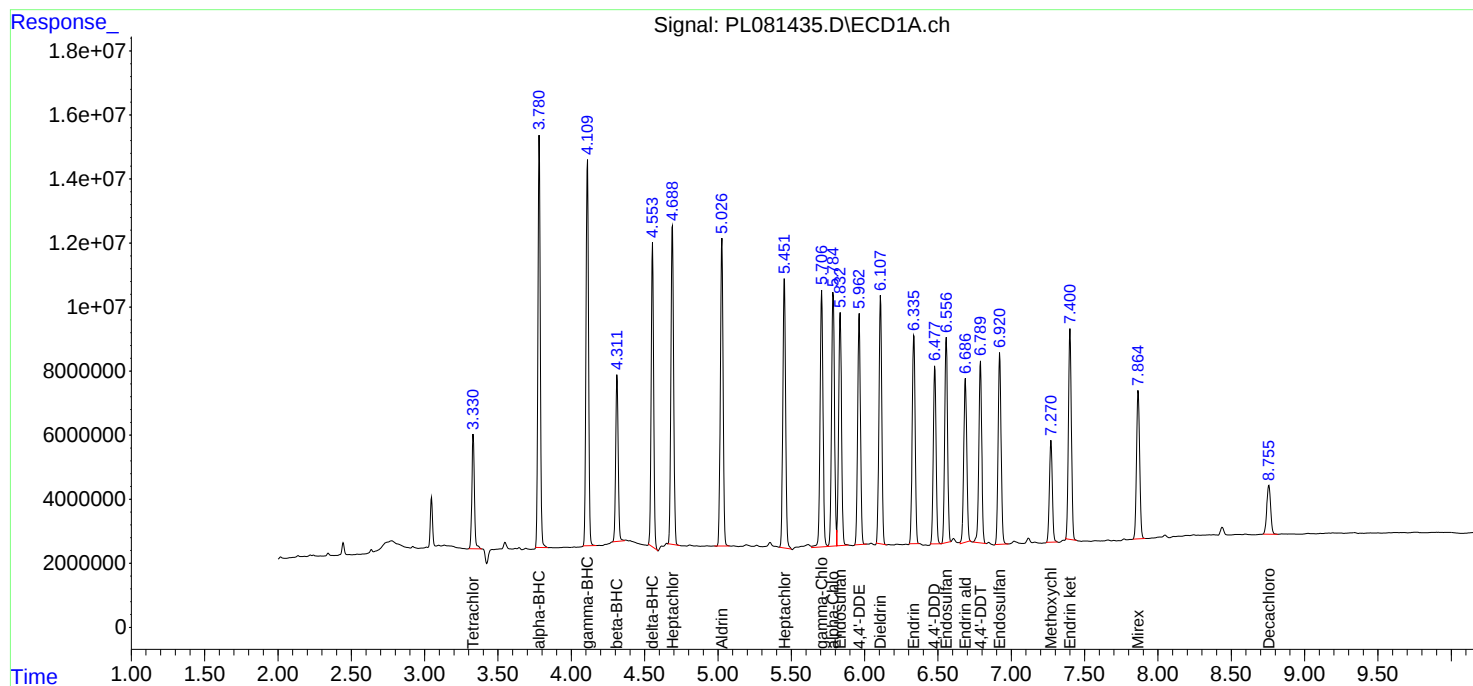
Instrument :
ECD_L
ClientSampleId :
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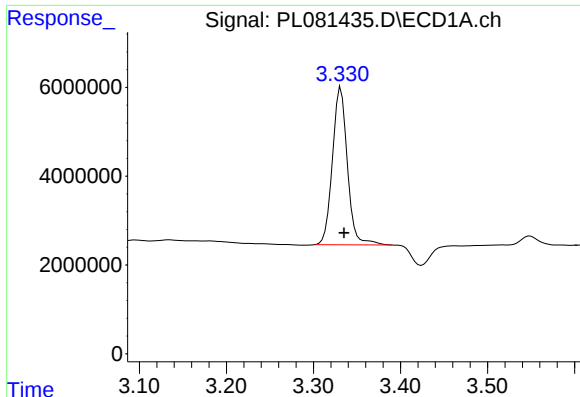
Manual Integrations
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Supervised By :Ankita Jodhani 03/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 21:42:05 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
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





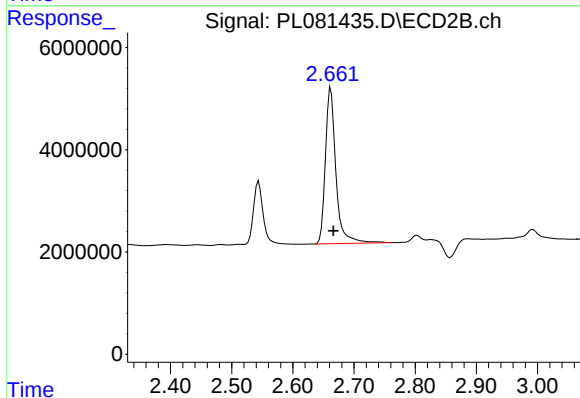
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 42405977
Conc: 19.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

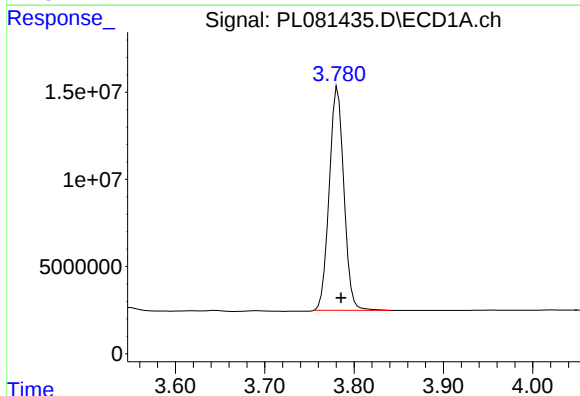
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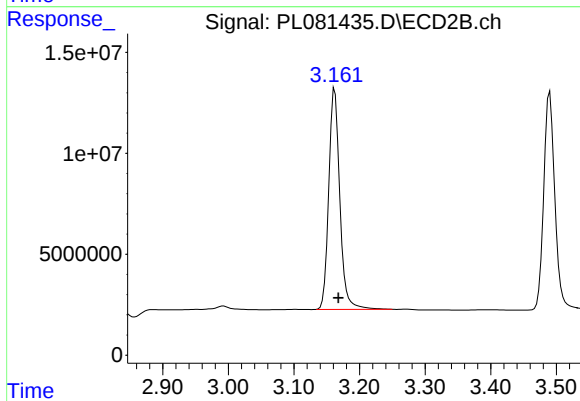
#1 Tetrachloro-m-xylene

R.T.: 2.662 min
Delta R.T.: -0.004 min
Response: 36509461
Conc: 18.04 ng/ml



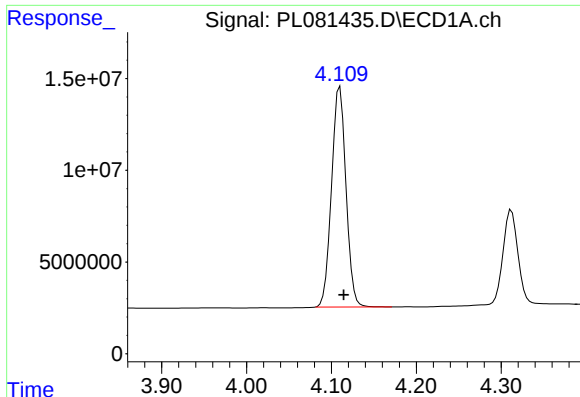
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.004 min
Response: 146010989
Conc: 45.90 ng/ml



#2 alpha-BHC

R.T.: 3.162 min
Delta R.T.: -0.005 min
Response: 128387637
Conc: 43.81 ng/ml



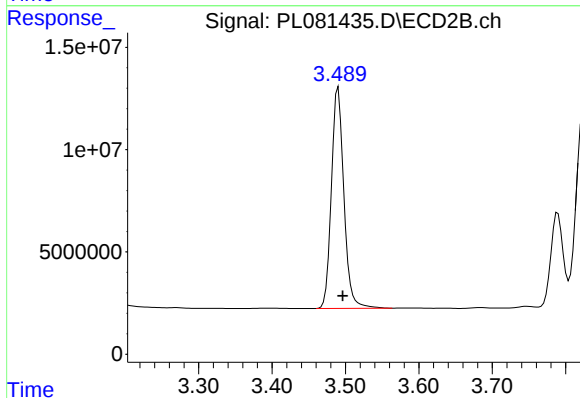
#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: -0.004 min
Response: 142185847
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

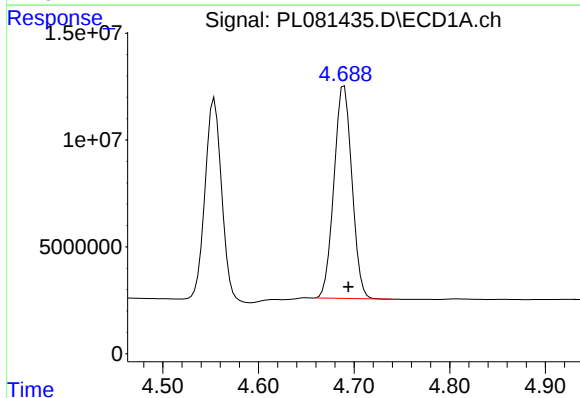
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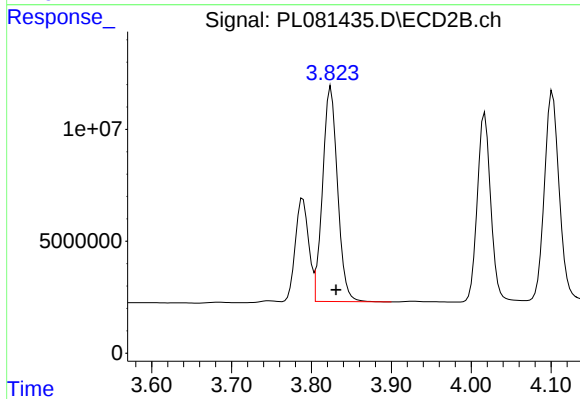
#3 gamma-BHC (Lindane)

R.T.: 3.490 min
Delta R.T.: -0.006 min
Response: 127735829
Conc: 46.43 ng/ml



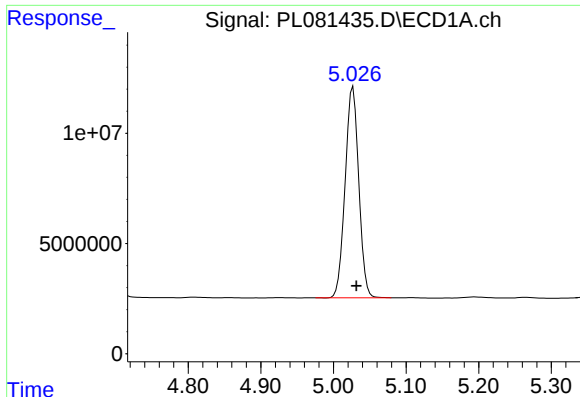
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 129487611
Conc: 46.93 ng/ml



#4 Heptachlor

R.T.: 3.824 min
Delta R.T.: -0.006 min
Response: 124704714
Conc: 45.19 ng/ml



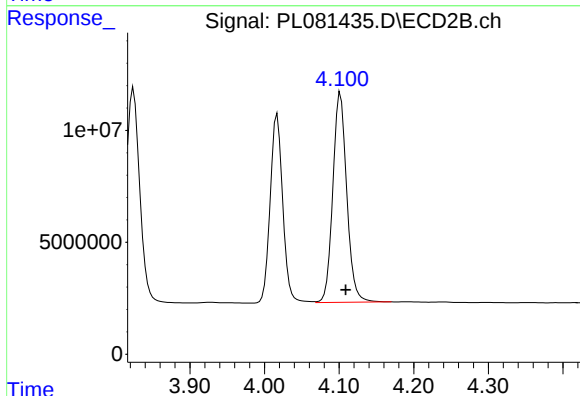
#5 Aldrin

R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 124969334
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

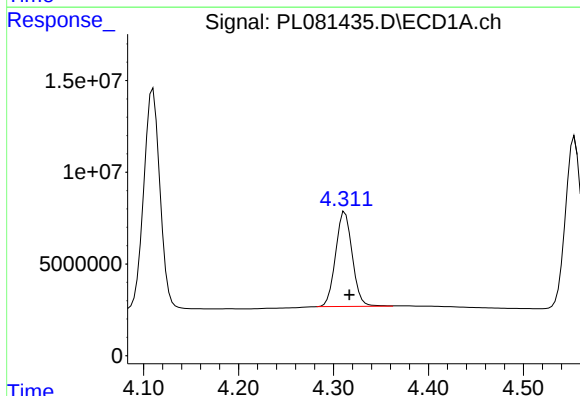
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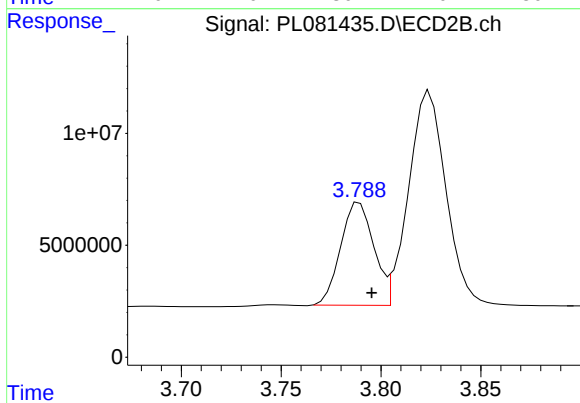
#5 Aldrin

R.T.: 4.102 min
Delta R.T.: -0.007 min
Response: 121764298
Conc: 46.44 ng/ml



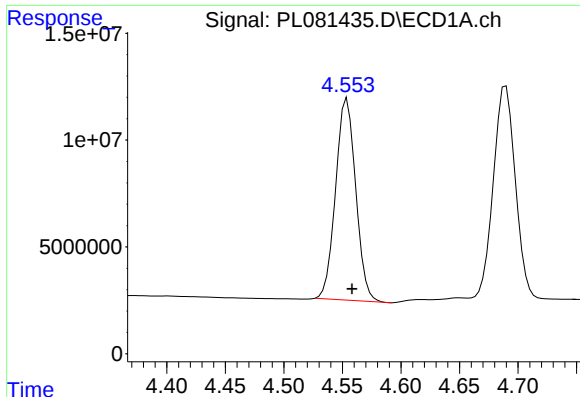
#6 beta-BHC

R.T.: 4.312 min
Delta R.T.: -0.004 min
Response: 63067691
Conc: 45.82 ng/ml



#6 beta-BHC

R.T.: 3.789 min
Delta R.T.: -0.006 min
Response: 53123652
Conc: 45.77 ng/ml



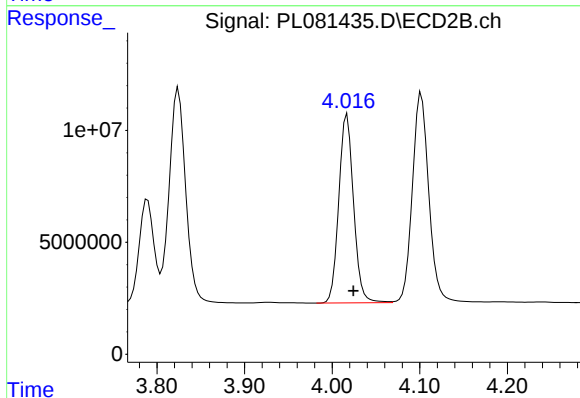
#7 delta-BHC

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 112985549
Conc: 40.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

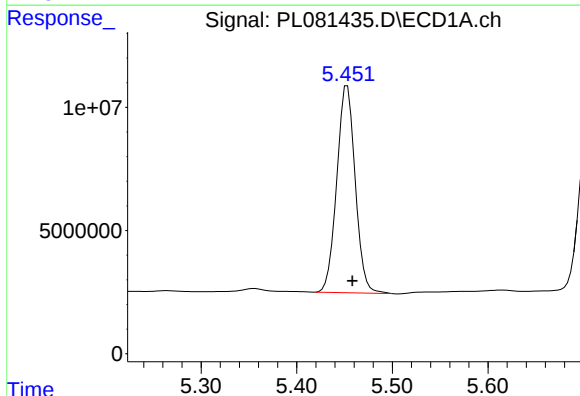
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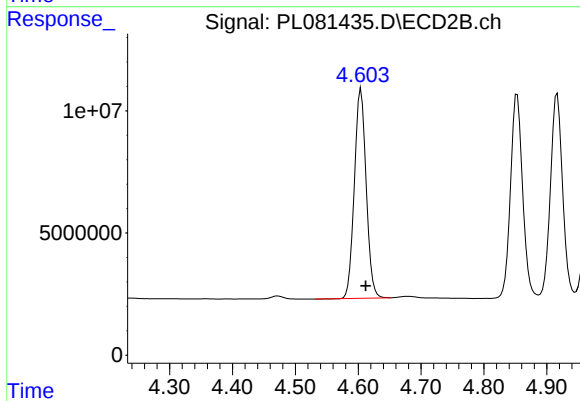
#7 delta-BHC

R.T.: 4.017 min
Delta R.T.: -0.007 min
Response: 98732080
Conc: 38.77 ng/ml



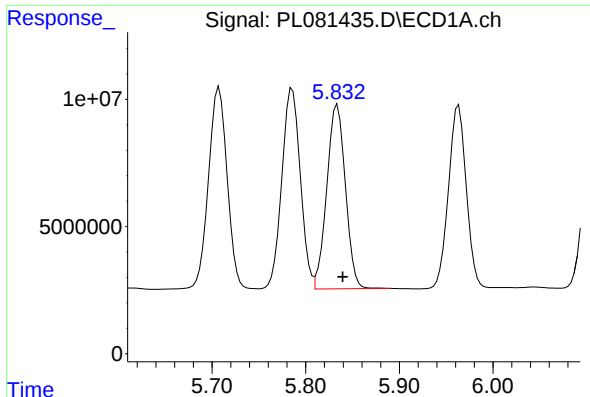
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: -0.005 min
Response: 112537033
Conc: 47.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.604 min
Delta R.T.: -0.008 min
Response: 111991288
Conc: 46.31 ng/ml



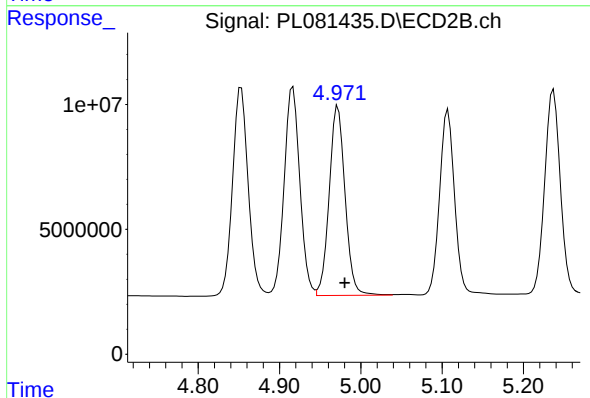
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.006 min
Response: 100410799
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

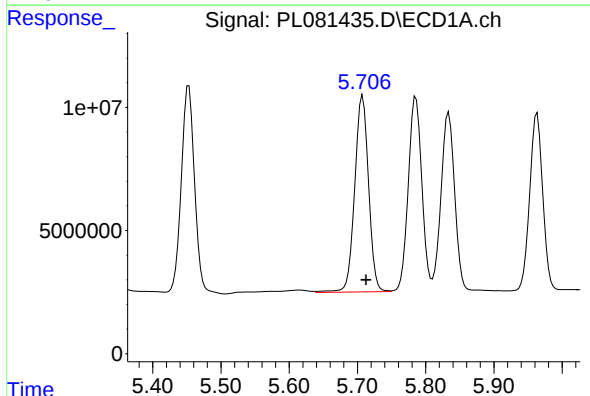
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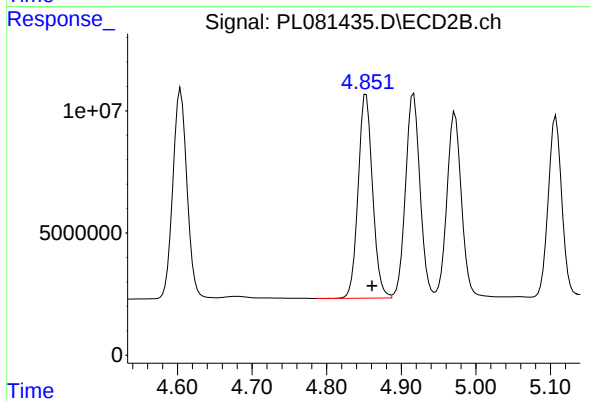
#9 Endosulfan I

R.T.: 4.972 min
Delta R.T.: -0.008 min
Response: 103194448
Conc: 45.59 ng/ml



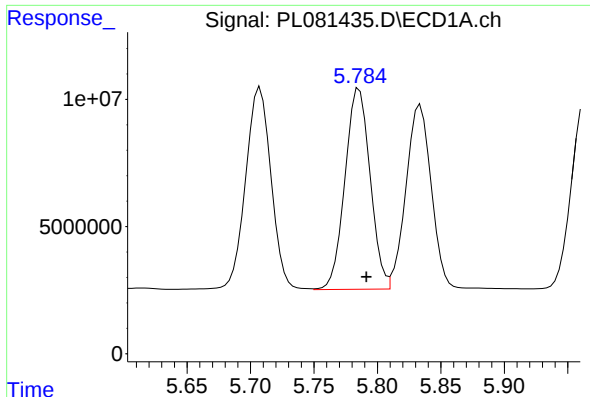
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 112491391
Conc: 49.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.853 min
Delta R.T.: -0.008 min
Response: 112286888
Conc: 45.87 ng/ml



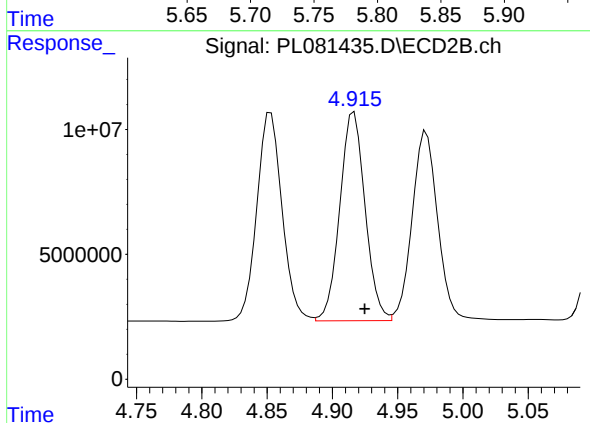
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: -0.006 min
Response: 108933187
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

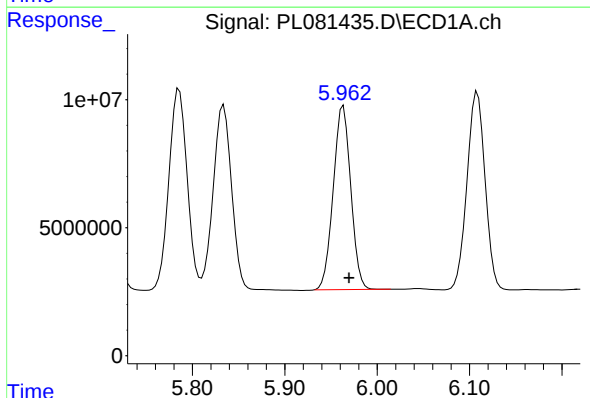
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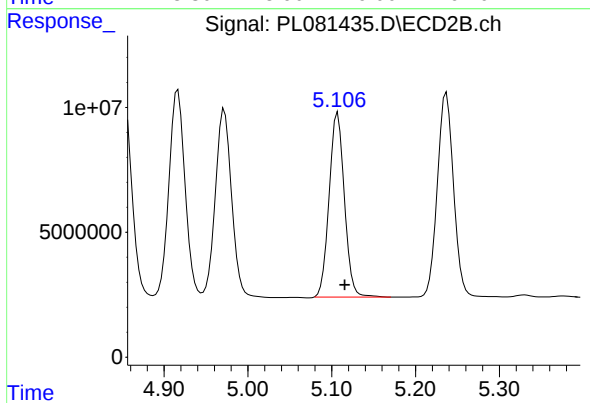
#11 alpha-Chlordane

R.T.: 4.917 min
Delta R.T.: -0.008 min
Response: 112624091
Conc: 46.00 ng/ml



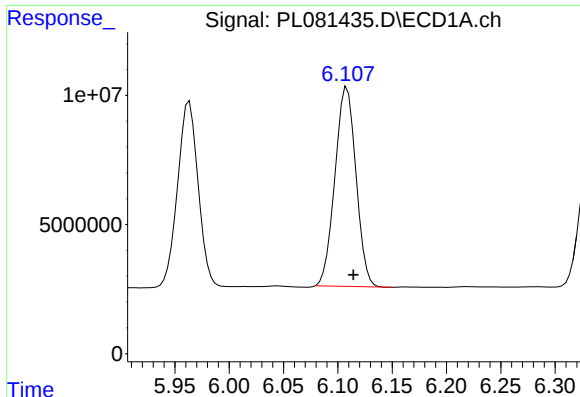
#12 4,4'-DDE

R.T.: 5.963 min
Delta R.T.: -0.006 min
Response: 94621057
Conc: 48.36 ng/ml



#12 4,4'-DDE

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 93300607
Conc: 47.53 ng/ml



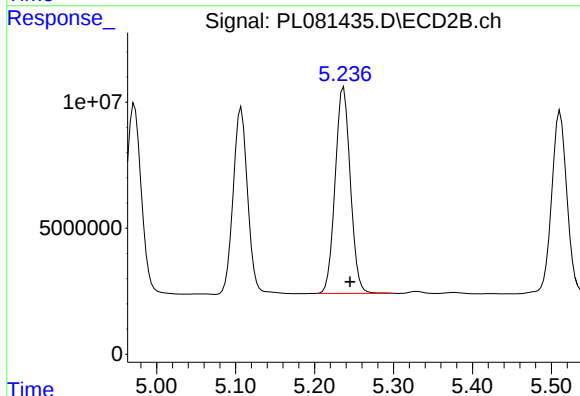
#13 Dieldrin

R.T.: 6.109 min
Delta R.T.: -0.006 min
Response: 103995337
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

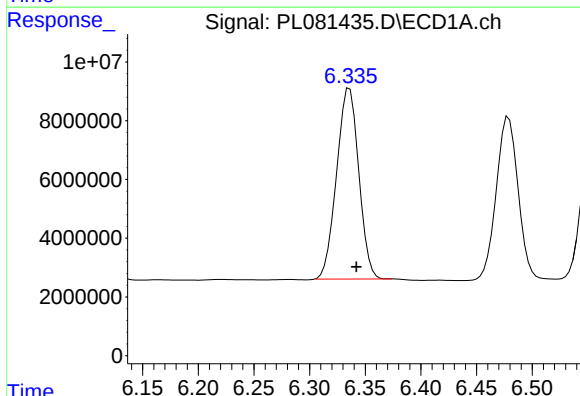
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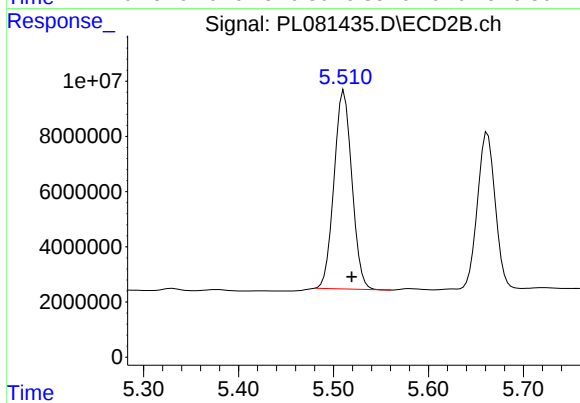
#13 Dieldrin

R.T.: 5.237 min
Delta R.T.: -0.008 min
Response: 109195969
Conc: 48.44 ng/ml



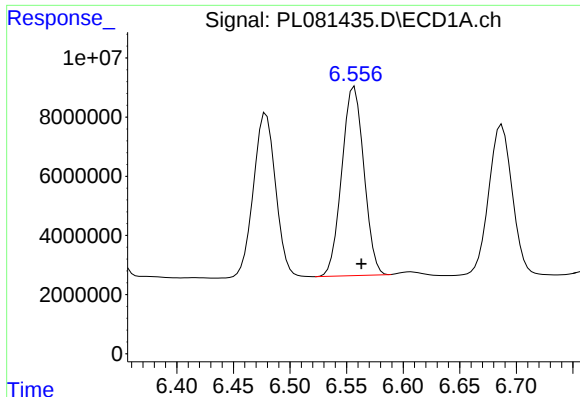
#14 Endrin

R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 89949496
Conc: 49.49 ng/ml



#14 Endrin

R.T.: 5.511 min
Delta R.T.: -0.008 min
Response: 94006659
Conc: 46.78 ng/ml



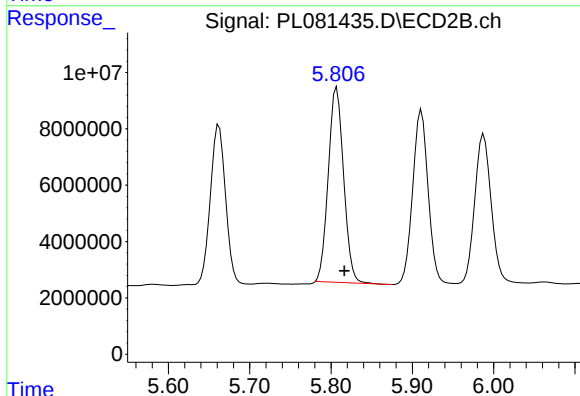
#15 Endosulfan II

R.T.: 6.557 min
Delta R.T.: -0.006 min
Response: 86749397
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

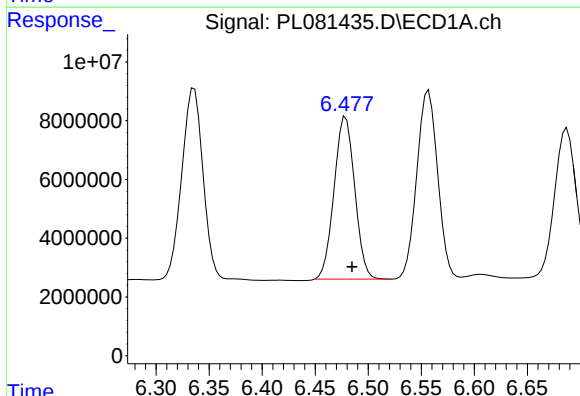
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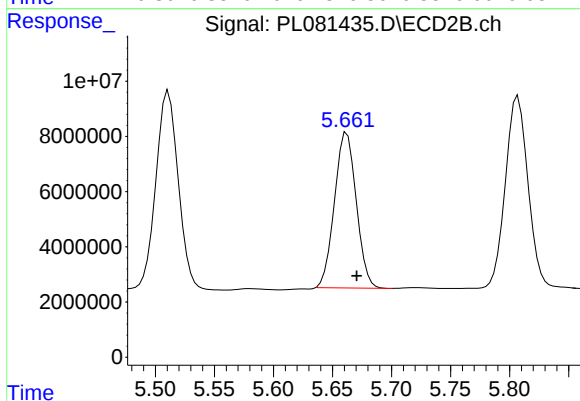
#15 Endosulfan II

R.T.: 5.807 min
Delta R.T.: -0.009 min
Response: 91304849
Conc: 49.52 ng/ml



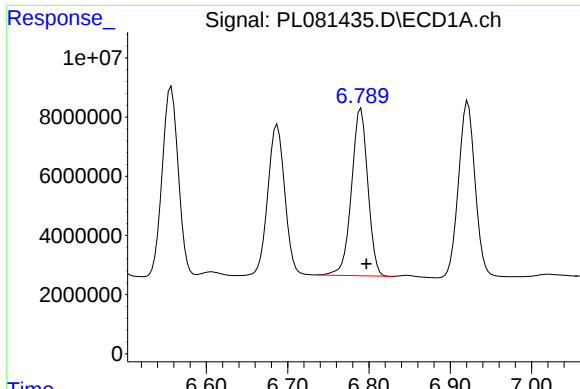
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 74901175
Conc: 48.66 ng/ml



#16 4,4'-DDD

R.T.: 5.662 min
Delta R.T.: -0.008 min
Response: 72260575
Conc: 47.10 ng/ml



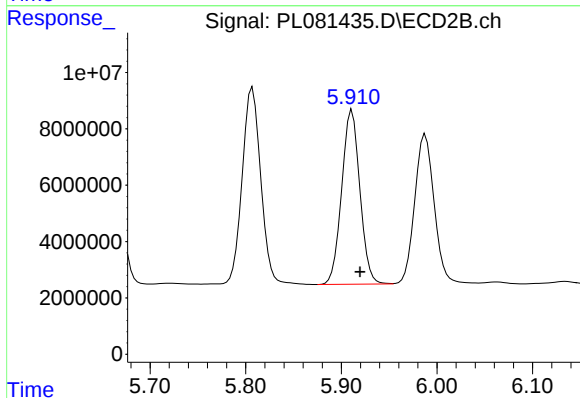
#17 4,4'-DDT

R.T.: 6.790 min
Delta R.T.: -0.007 min
Response: 78616496
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

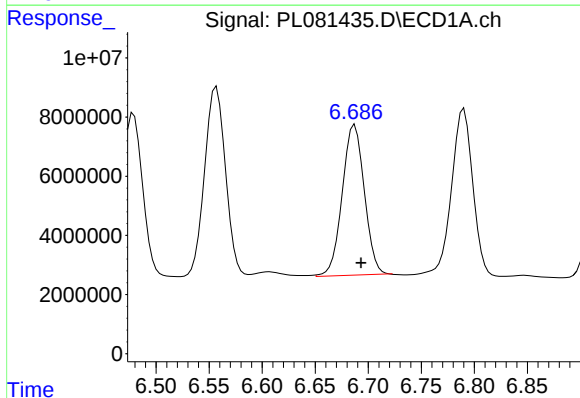
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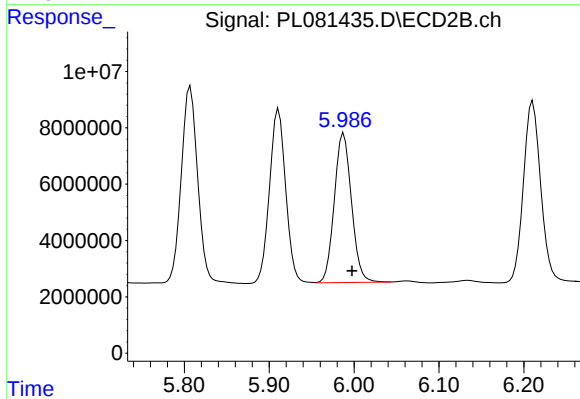
#17 4,4'-DDT

R.T.: 5.911 min
Delta R.T.: -0.008 min
Response: 82044070
Conc: 51.14 ng/ml



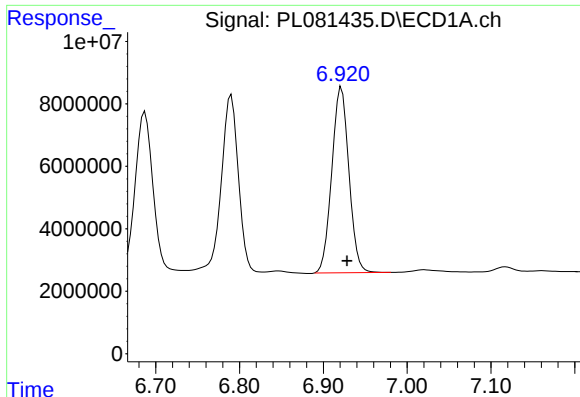
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 73494433
Conc: 51.35 ng/ml m



#18 Endrin aldehyde

R.T.: 5.988 min
Delta R.T.: -0.010 min
Response: 74437792
Conc: 49.13 ng/ml



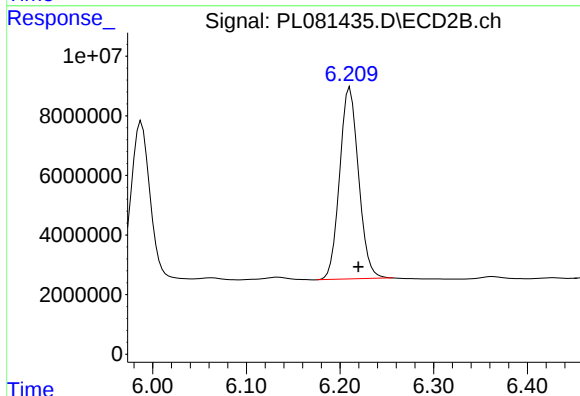
#19 Endosulfan Sulfate

R.T.: 6.922 min
Delta R.T.: -0.007 min
Response: 84283541
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

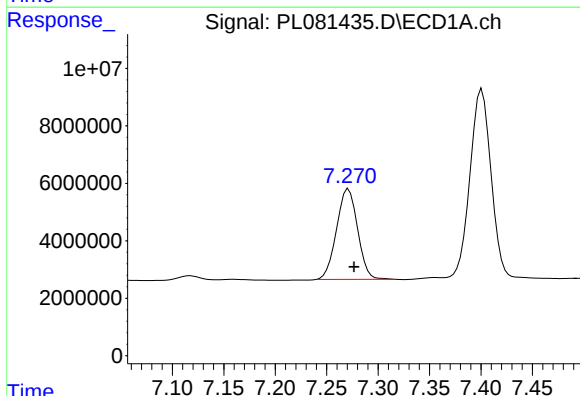
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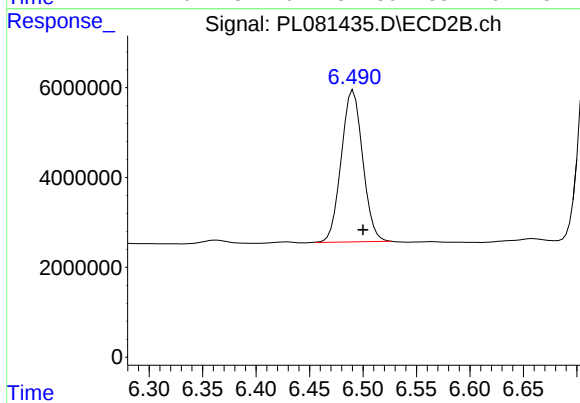
#19 Endosulfan Sulfate

R.T.: 6.209 min
Delta R.T.: -0.011 min
Response: 90217438
Conc: 46.94 ng/ml m



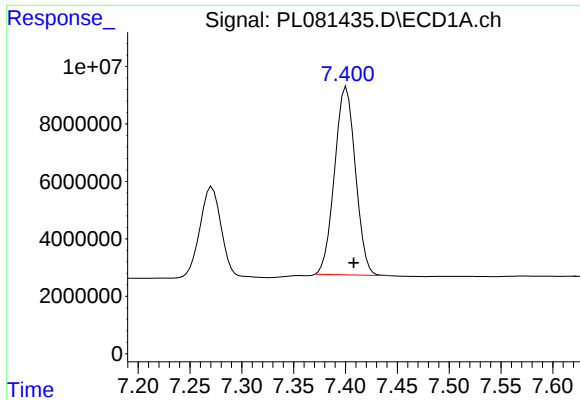
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.006 min
Response: 44801043
Conc: 52.01 ng/ml



#20 Methoxychlor

R.T.: 6.490 min
Delta R.T.: -0.010 min
Response: 47095483
Conc: 50.74 ng/ml m



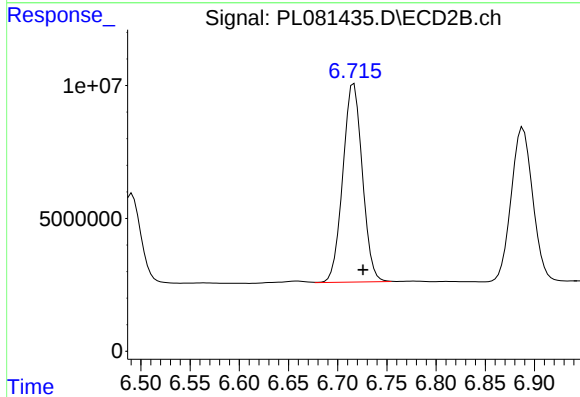
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.007 min
Response: 91600044
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

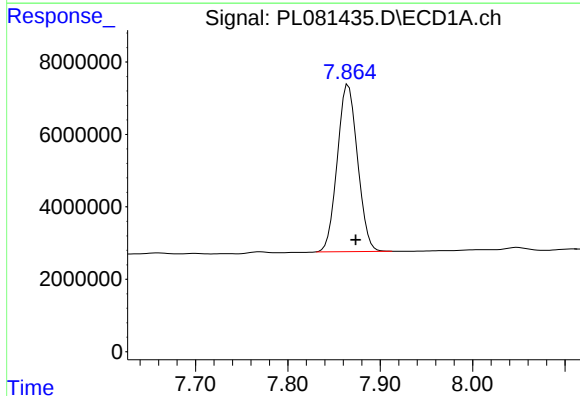
Manual Integrations
APPROVED

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



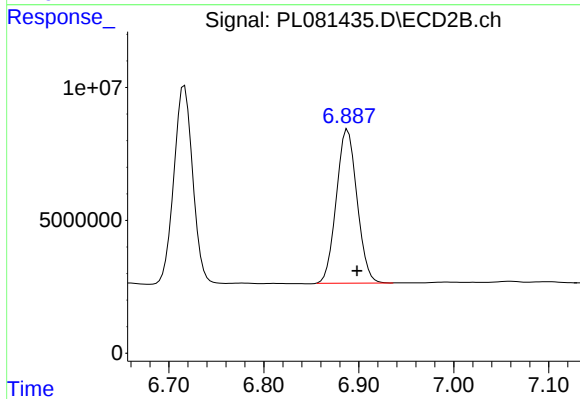
#21 Endrin ketone

R.T.: 6.715 min
Delta R.T.: -0.011 min
Response: 103009183
Conc: 47.84 ng/ml m



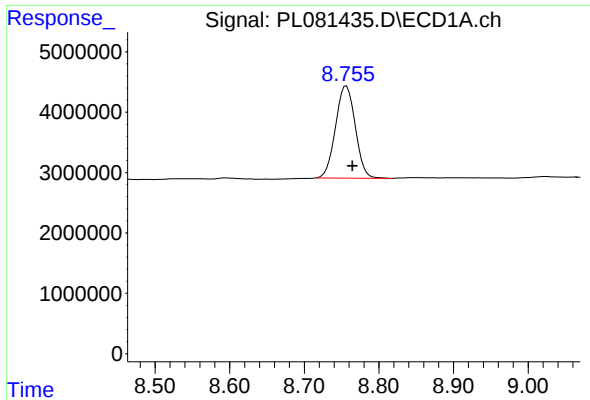
#22 Mirex

R.T.: 7.865 min
Delta R.T.: -0.008 min
Response: 70466982
Conc: 48.29 ng/ml



#22 Mirex

R.T.: 6.888 min
Delta R.T.: -0.010 min
Response: 87757621
Conc: 45.60 ng/ml



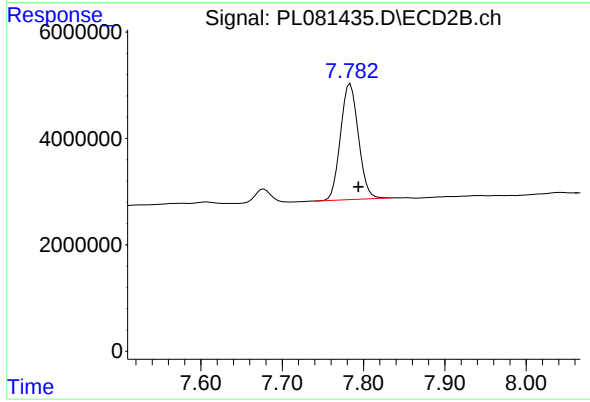
#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.008 min
Response: 28121401
Conc: 18.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-SOILMSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/15/2023



#28 Decachlorobiphenyl

R.T.: 7.784 min
Delta R.T.: -0.010 min
Response: 33178691
Conc: 17.32 ng/ml