

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
 Data File : PL082253.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 16:34
 Operator : AR\AJ
 Sample : 02448-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20230324-COMP-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2023
 Supervised By :Ankita Jodhani 04/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:57:47 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...	3.323	2.648	45639145	38629747	17.086	16.674
28) SA Decachlor...	8.741	7.759	26684939	31334160	13.978	13.728
Target Compounds						
2) A alpha-BHC	3.772	3.146	173.6E6	147.3E6	43.609	43.290
3) MA gamma-BHC...	4.100	3.473	165.9E6	147.1E6	44.372	45.757
4) MA Heptachlor	4.678	3.805	152.2E6	145.8E6	41.656m	42.604
5) MB Aldrin	5.015	4.082	149.9E6	147.6E6	45.446	46.852
6) B beta-BHC	4.303	3.773	72477328	59795165	42.496	43.825
7) B delta-BHC	4.545	3.999	159.5E6	136.0E6	44.328	44.332
8) B Heptachlo...	5.441	4.583	131.3E6	128.1E6	43.055	44.449
9) A Endosulfan I	5.822	4.950	127.7E6	118.0E6	46.047	44.193
10) B gamma-Chl...	5.696	4.831	132.2E6	128.0E6	43.954	44.112
11) B alpha-Chl...	5.774	4.894	131.0E6	128.7E6	43.892	44.335
12) B 4,4'-DDE	5.952	5.085	112.4E6	105.8E6	44.225	46.041
13) MA Dieldrin	6.097	5.214	126.3E6	124.4E6	45.773	46.064
14) MA Endrin	6.324	5.488	109.8E6	109.7E6	45.283	44.856
15) B Endosulfa...	6.546	5.784	105.0E6	108.1E6	43.117	47.951
16) A 4,4'-DDD	6.468	5.639	92956192	86045048	45.855	46.004
17) MA 4,4'-DDT	6.779	5.888	97110286	94795267	42.449	44.872
18) B Endrin al...	6.677	5.965	89700037	90204165	47.607	48.202
19) B Endosulfa...	6.911	6.187	104.3E6	105.5E6	43.970	44.822
20) A Methoxychlor	7.260	6.467	55046050	56015334	45.107	46.224
21) B Endrin ke...	7.390	6.692	111.1E6	119.1E6	46.393	46.936
22) Mirex	7.854	6.864	86265347	99632848	44.096	43.238

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042123\
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Acq On : 21 Apr 2023 16:34
Operator : AR\AJ
Sample : 02448-03MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

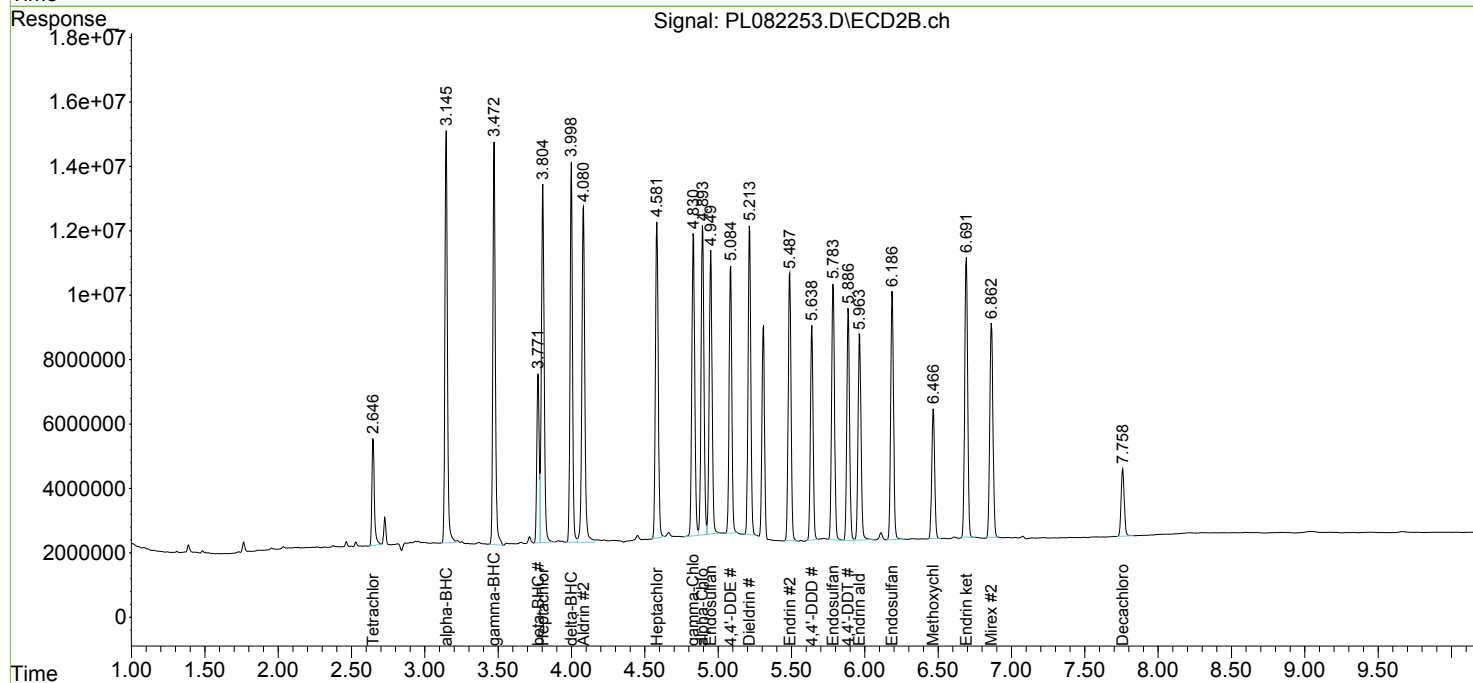
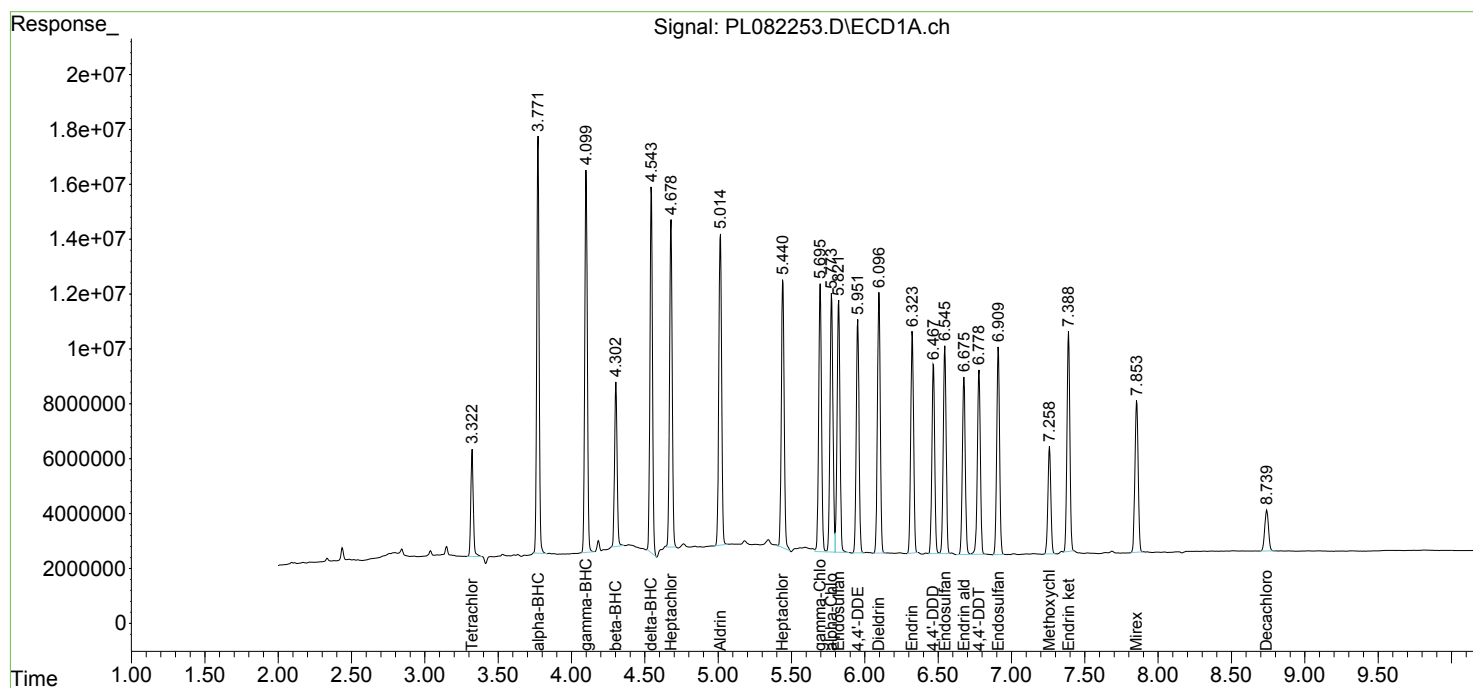
Instrument :
ECD_L
ClientSampleId :
20230324-COMP-2MS

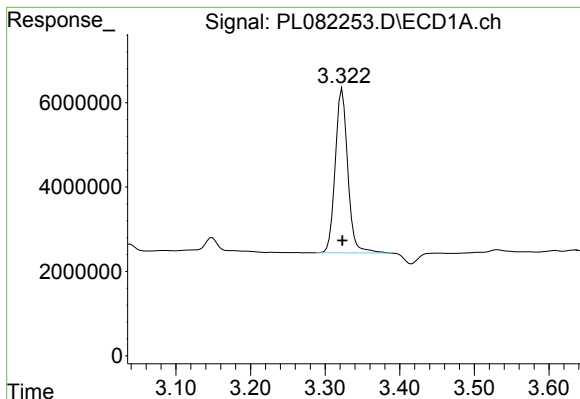
Manual Integrations
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Supervised By :Ankita Jodhani 04/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 21:57:47 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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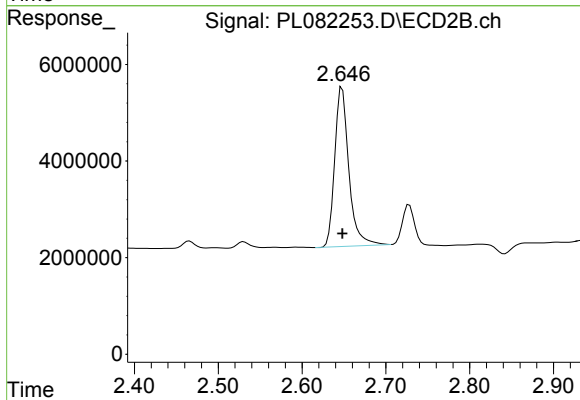
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 45639145
Conc: 17.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230324-COMP-2MS

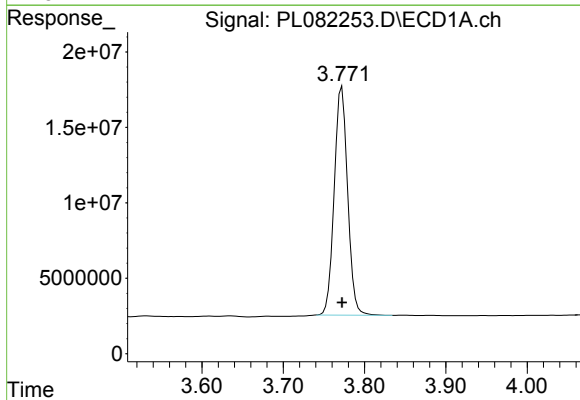
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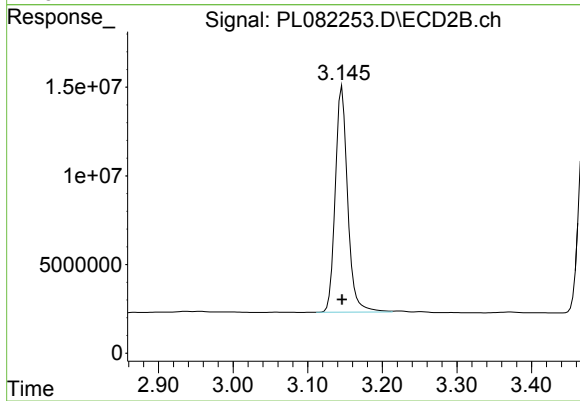
#1 Tetrachloro-m-xylene

R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 38629747
Conc: 16.67 ng/ml



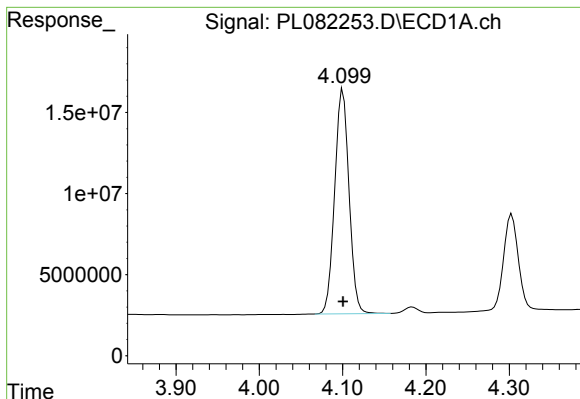
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 173574464
Conc: 43.61 ng/ml



#2 alpha-BHC

R.T.: 3.146 min
Delta R.T.: 0.000 min
Response: 147336096
Conc: 43.29 ng/ml



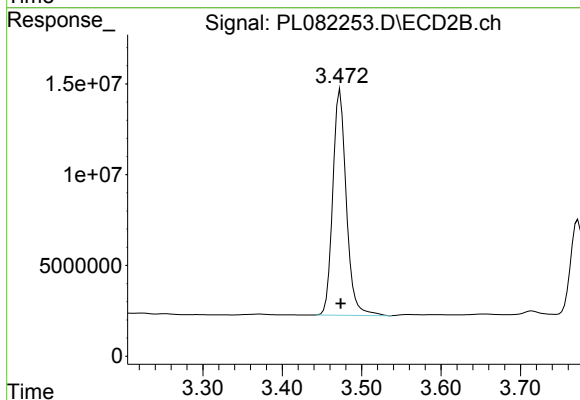
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 165903989
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230324-COMP-2MS

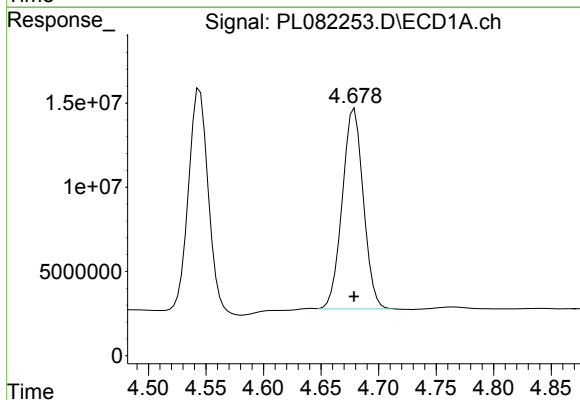
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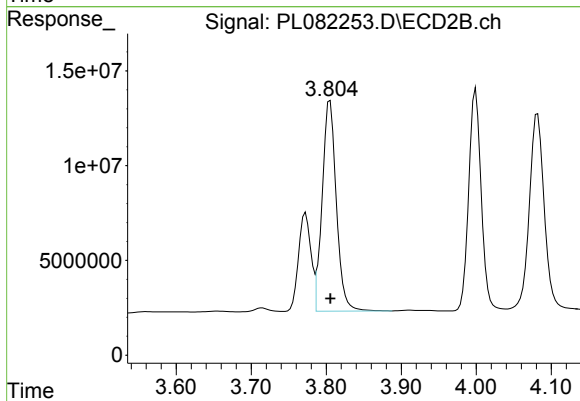
#3 gamma-BHC (Lindane)

R.T.: 3.473 min
Delta R.T.: 0.000 min
Response: 147120372
Conc: 45.76 ng/ml



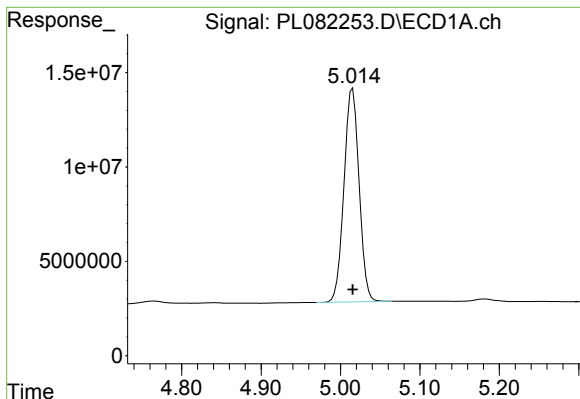
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: -0.001 min
Response: 152206856
Conc: 41.66 ng/ml m



#4 Heptachlor

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 145843396
Conc: 42.60 ng/ml



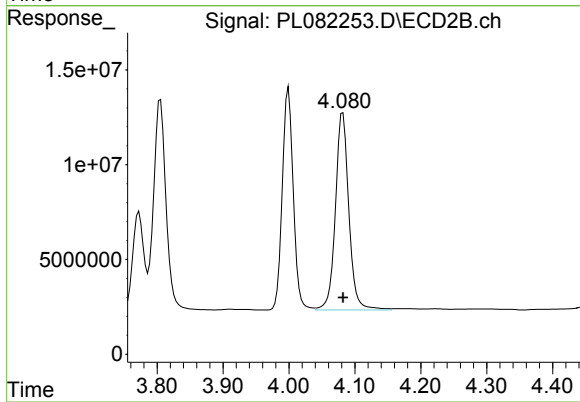
#5 Aldrin

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 149863090
Conc: 45.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230324-COMP-2MS

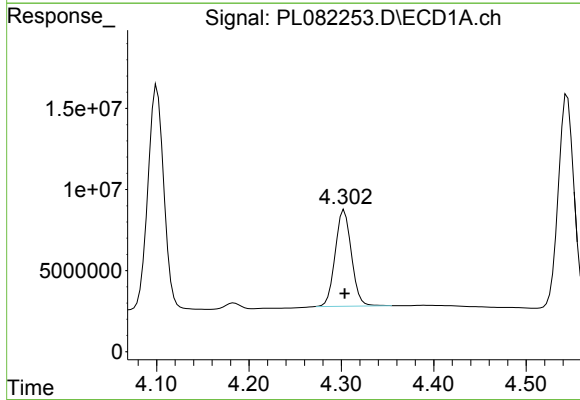
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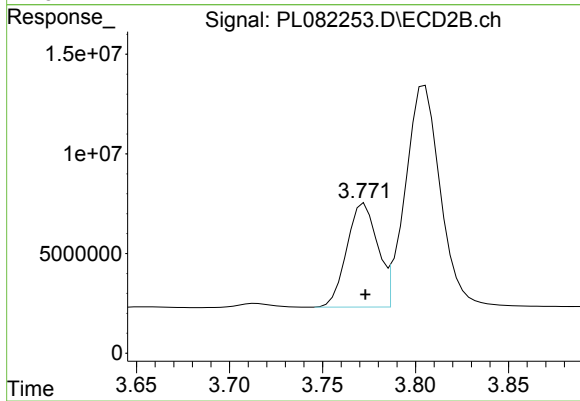
#5 Aldrin

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 147577791
Conc: 46.85 ng/ml



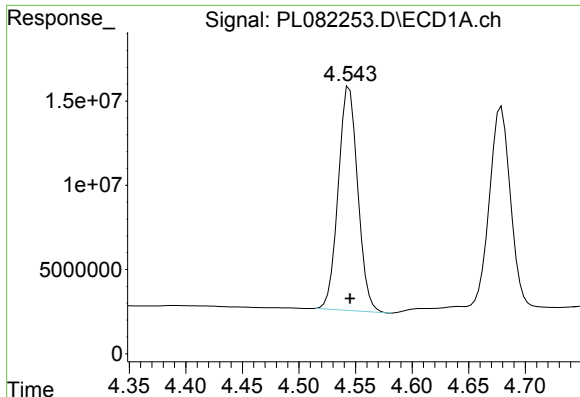
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 72477328
Conc: 42.50 ng/ml



#6 beta-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 59795165
Conc: 43.83 ng/ml



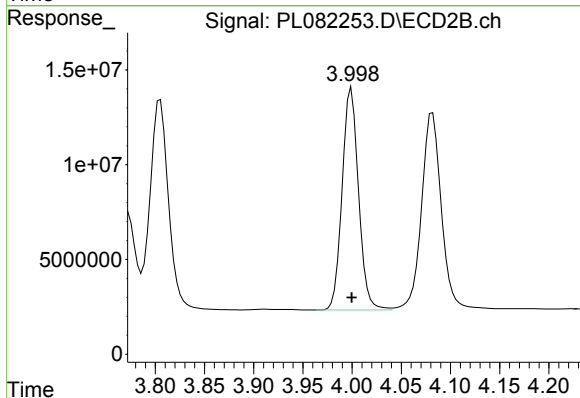
#7 delta-BHC

R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 159480924
Conc: 44.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230324-COMP-2MS

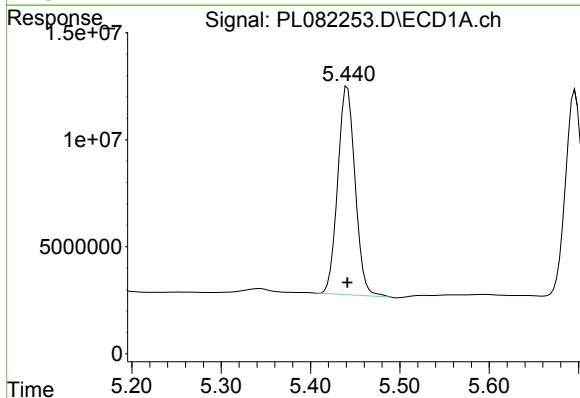
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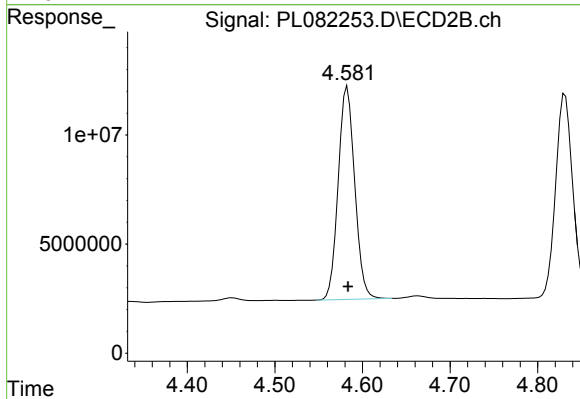
#7 delta-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 135983088
Conc: 44.33 ng/ml



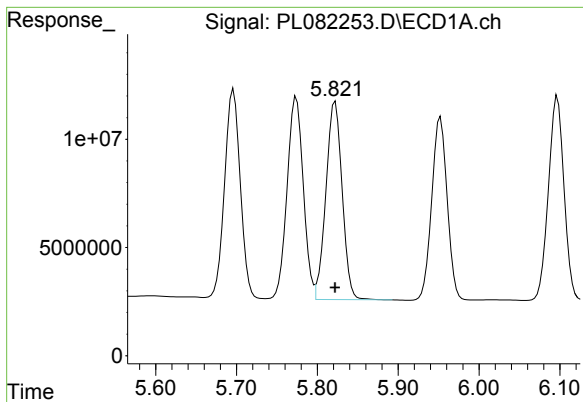
#8 Heptachlor epoxide

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 131333830
Conc: 43.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 128052340
Conc: 44.45 ng/ml



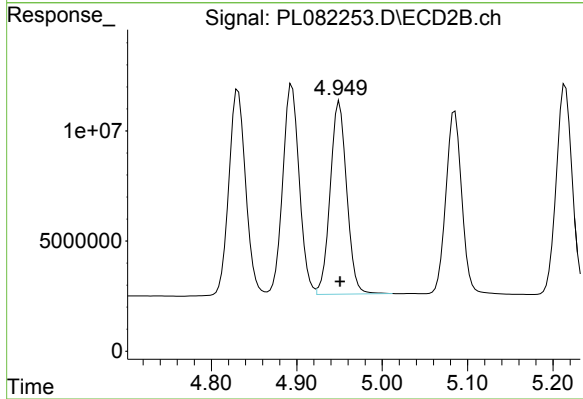
#9 Endosulfan I

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 127674637
Conc: 46.05 ng/ml

Instrument :
ECD_L
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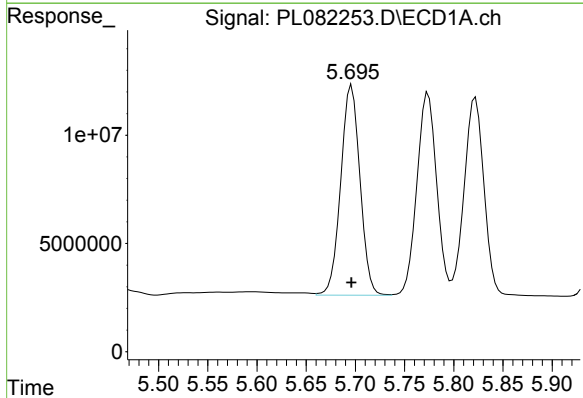
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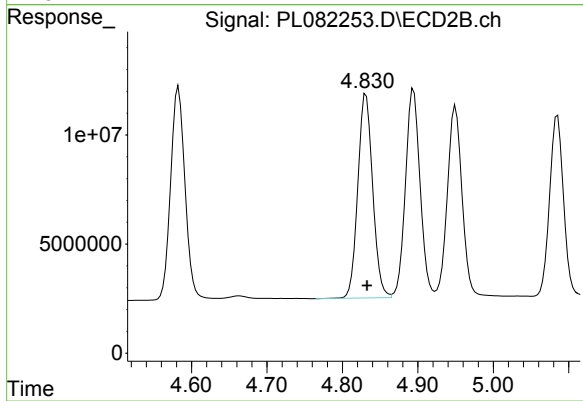
#9 Endosulfan I

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 117969329
Conc: 44.19 ng/ml



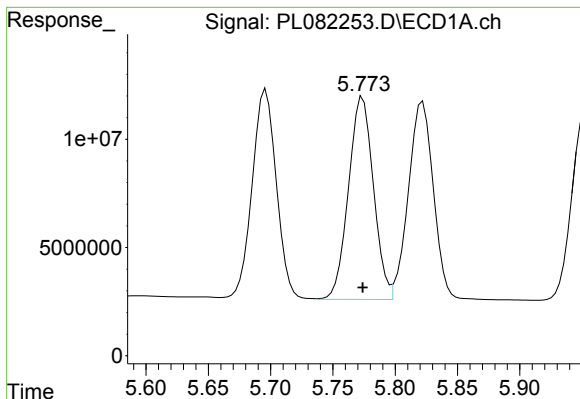
#10 gamma-Chlordane

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 132165054
Conc: 43.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.831 min
Delta R.T.: -0.001 min
Response: 128006526
Conc: 44.11 ng/ml



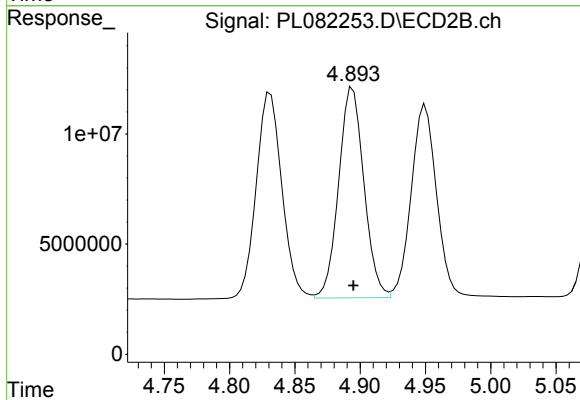
#11 alpha-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 131001731
Conc: 43.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
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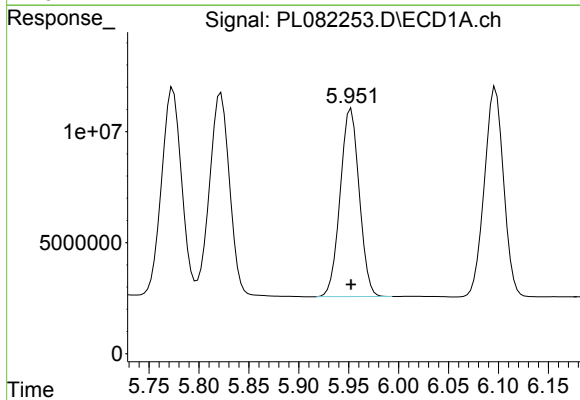
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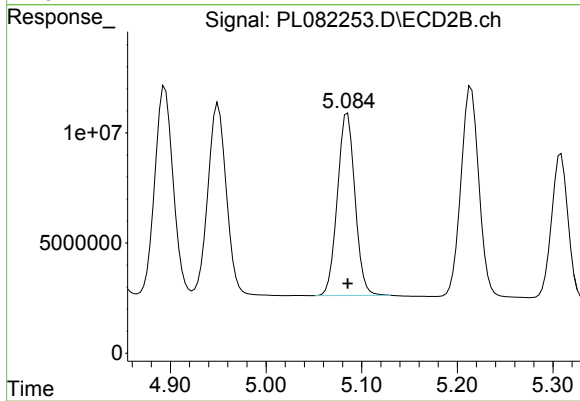
#11 alpha-Chlordane

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 128697475
Conc: 44.34 ng/ml



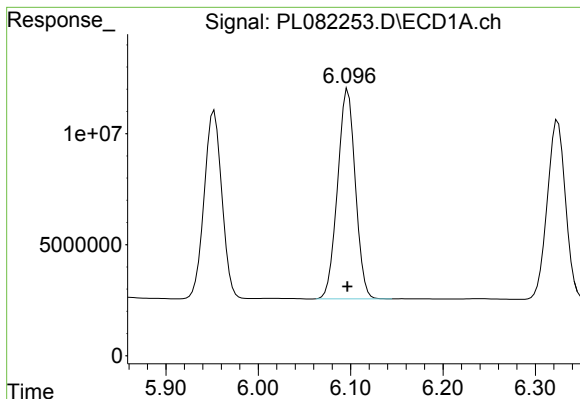
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 112421759
Conc: 44.23 ng/ml



#12 4,4'-DDE

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 105847302
Conc: 46.04 ng/ml



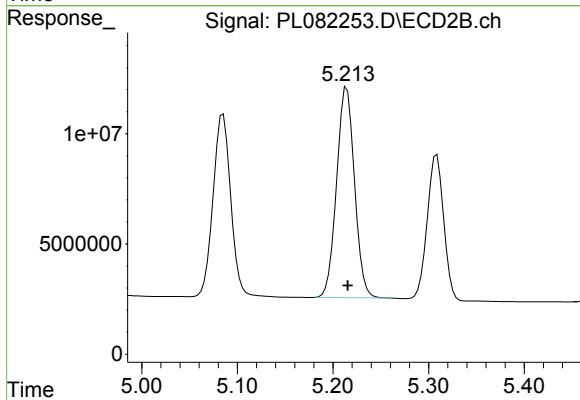
#13 Dieldrin

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 126293131
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230324-COMP-2MS

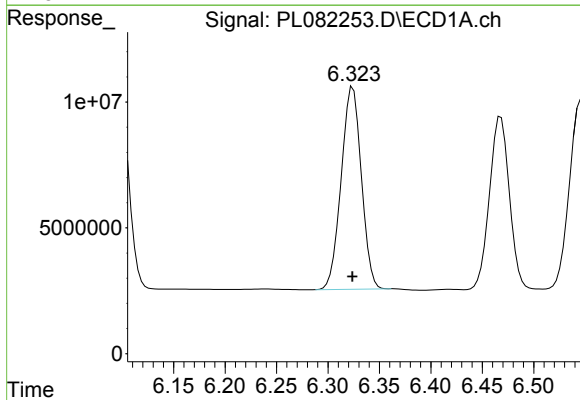
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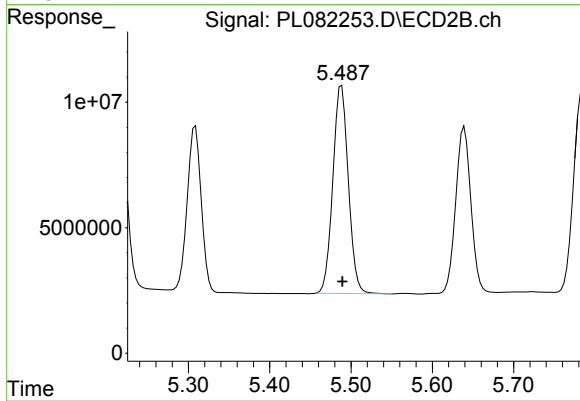
#13 Dieldrin

R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 124390339
Conc: 46.06 ng/ml



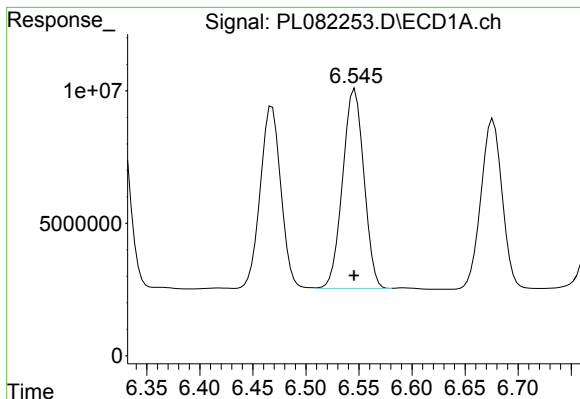
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 109791396
Conc: 45.28 ng/ml



#14 Endrin

R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 109715238
Conc: 44.86 ng/ml



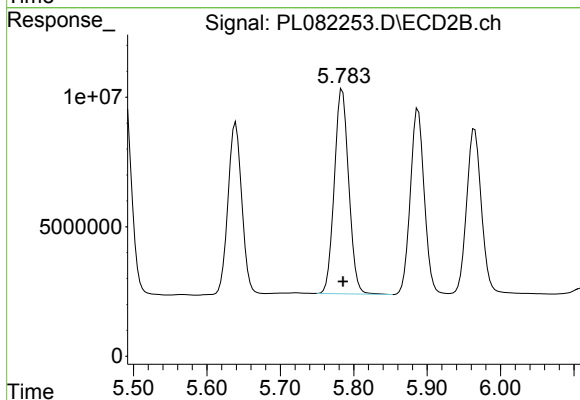
#15 Endosulfan II

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 104971128
Conc: 43.12 ng/ml

Instrument :
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ClientSampleId :
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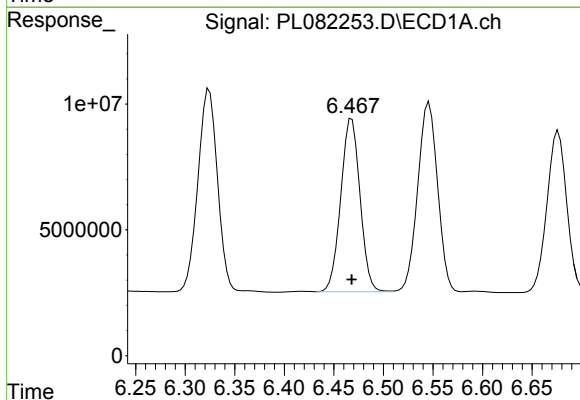
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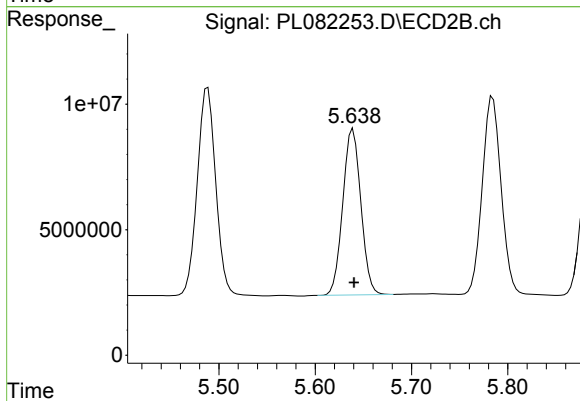
#15 Endosulfan II

R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 108086598
Conc: 47.95 ng/ml



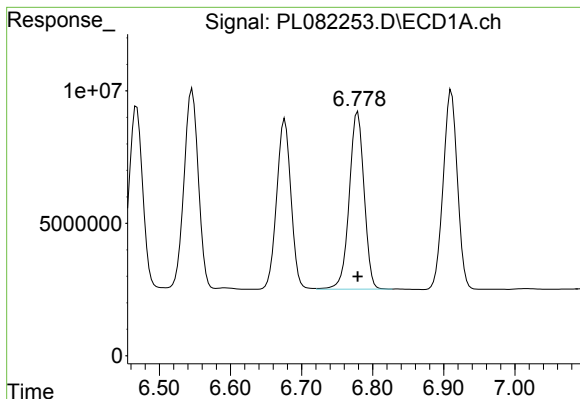
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 92956192
Conc: 45.85 ng/ml



#16 4,4'-DDD

R.T.: 5.639 min
Delta R.T.: -0.001 min
Response: 86045048
Conc: 46.00 ng/ml



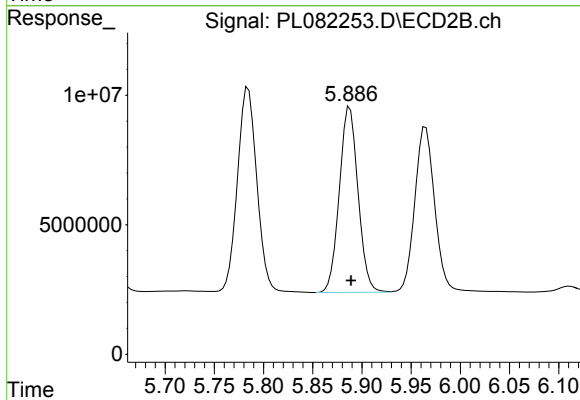
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 97110286
Conc: 42.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
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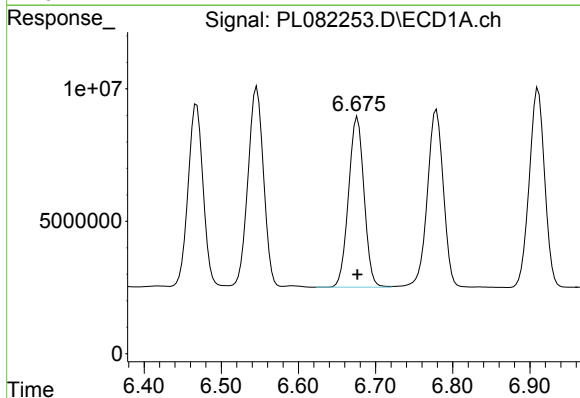
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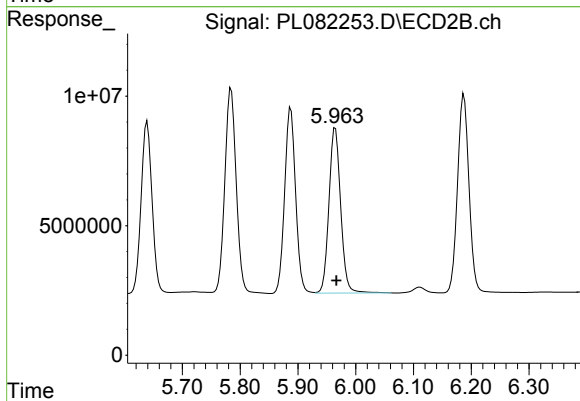
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: -0.001 min
Response: 94795267
Conc: 44.87 ng/ml



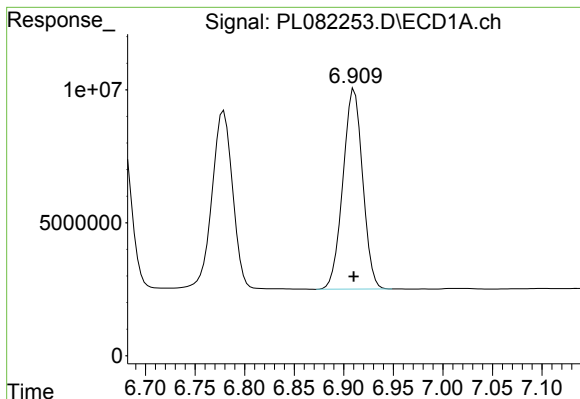
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 89700037
Conc: 47.61 ng/ml



#18 Endrin aldehyde

R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 90204165
Conc: 48.20 ng/ml



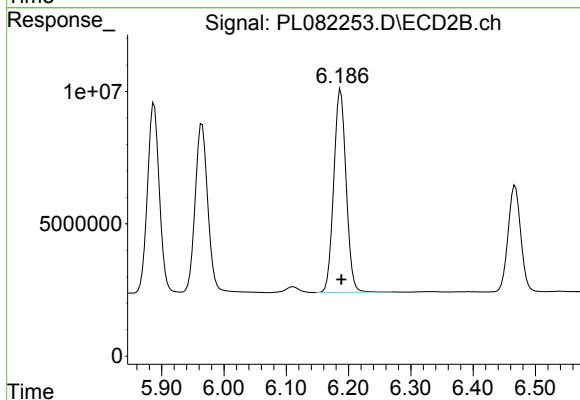
#19 Endosulfan Sulfate

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 104277672
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
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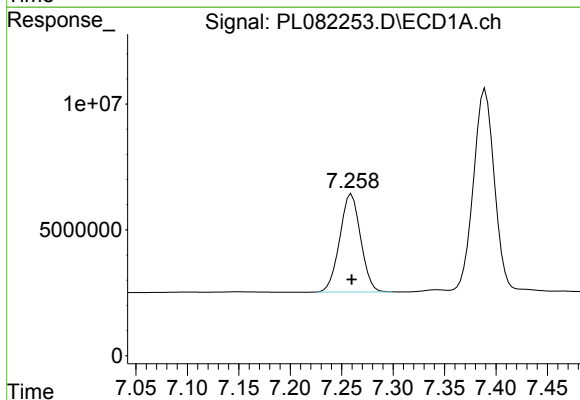
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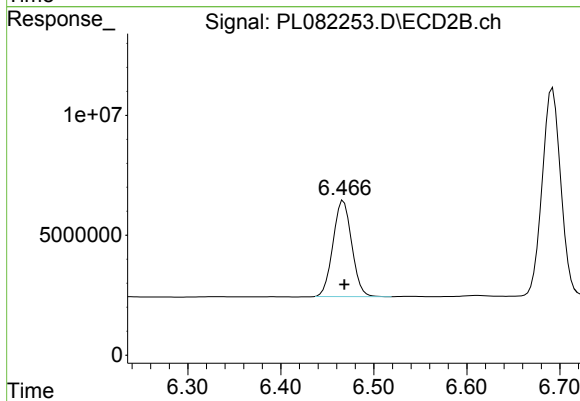
#19 Endosulfan Sulfate

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 105523092
Conc: 44.82 ng/ml



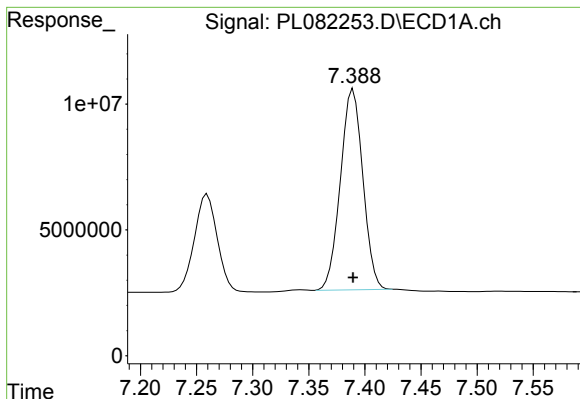
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 55046050
Conc: 45.11 ng/ml



#20 Methoxychlor

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 56015334
Conc: 46.22 ng/ml



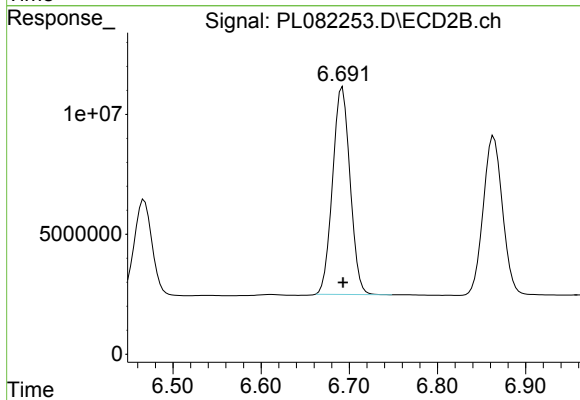
#21 Endrin ketone

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 111082989
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230324-COMP-2MS

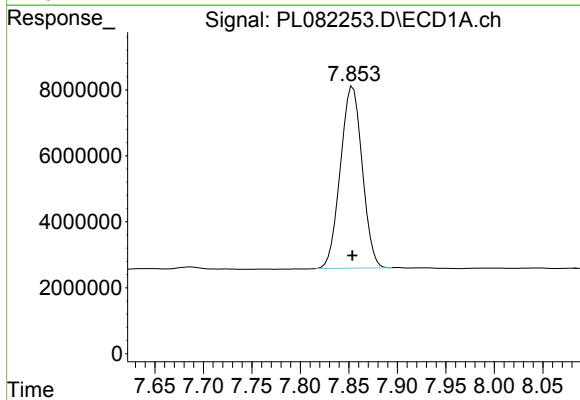
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2023
Supervised By :Ankita Jodhani 04/24/2023



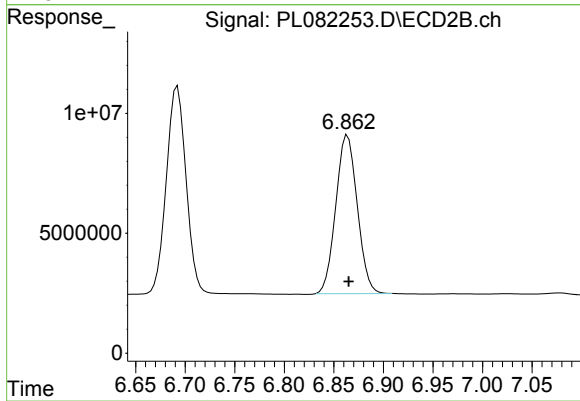
#21 Endrin ketone

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 119133333
Conc: 46.94 ng/ml



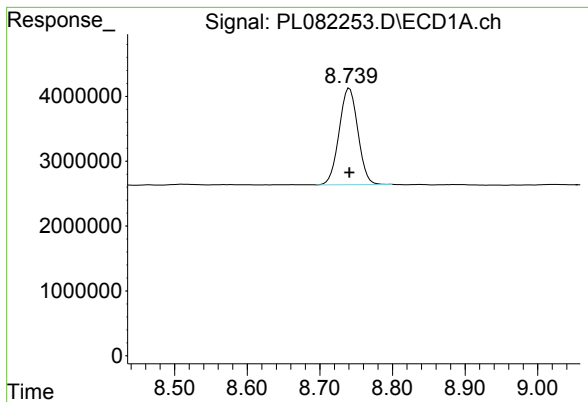
#22 Mirex

R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 86265347
Conc: 44.10 ng/ml



#22 Mirex

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 99632848
Conc: 43.24 ng/ml



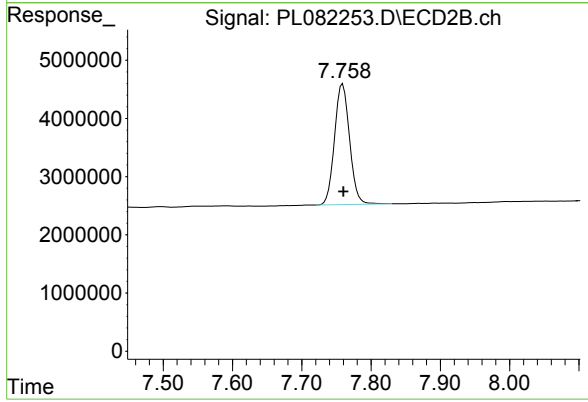
#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 26684939
Conc: 13.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230324-COMP-2MS

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#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 31334160
Conc: 13.73 ng/ml