

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031023\
 Data File : PL081413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2023 17:17
 Operator : AR\AJ
 Sample : 01853-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20230163-COMPOSITE-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/13/2023
 Supervised By :Ankita Jodhani 03/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 21:28:12 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	40497161	34383413	18.744	16.989
28) SA Decachlor...	8.757	7.785	21233814	25318836	13.928	13.218
Target Compounds						
2) A alpha-BHC	3.782	3.162	141.9E6	128.2E6	44.610	43.739
3) MA gamma-BHC...	4.110	3.490	140.8E6	130.1E6	47.578	47.289
4) MA Heptachlor	4.690	3.824	129.3E6	126.2E6	46.854	45.733
5) MB Aldrin	5.027	4.103	124.6E6	126.0E6	48.964	48.044
6) B beta-BHC	4.312	3.790	60932705	53174676	44.267	45.815
7) B delta-BHC	4.554	4.018	112.8E6	100.2E6	40.595	39.333
8) B Heptachlo...	5.453	4.605	112.4E6	112.4E6	47.640	46.496
9) A Endosulfan I	5.834	4.973	102.2E6	104.0E6	48.373	45.929
10) B gamma-Chl...	5.707	4.854	115.1E6	115.1E6	50.425	47.036
11) B alpha-Chl...	5.786	4.917	107.7E6	128.3E6	47.792	52.406
12) B 4,4'-DDE	5.964	5.108	96020658	93204990	49.075	47.484
13) MA Dieldrin	6.109	5.238	103.3E6	112.4E6	49.337	49.856
14) MA Endrin	6.336	5.512	93433687	93177932	51.408	46.365
15) B Endosulfa...	6.558	5.808	85356493	93869219	48.957	50.913
16) A 4,4'-DDD	6.479	5.663	77188910	72547922	50.143	47.290
17) MA 4,4'-DDT	6.791	5.912	83571519	89736060	52.650	55.934
18) B Endrin al...	6.686	5.989	74038112	78577472	51.726m	51.865
19) B Endosulfa...	6.922	6.212	83281740	87822374	46.384	45.692
20) A Methoxychlor	7.271	6.492	44955478	46620392	52.191	50.232
21) B Endrin ke...	7.401	6.717	90295586	100.2E6	49.777	46.551
22) Mirex	7.867	6.889	69945361	89476659	47.937	46.490

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031023\
Data File : PL081413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2023 17:17
Operator : AR\AJ
Sample : 01853-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

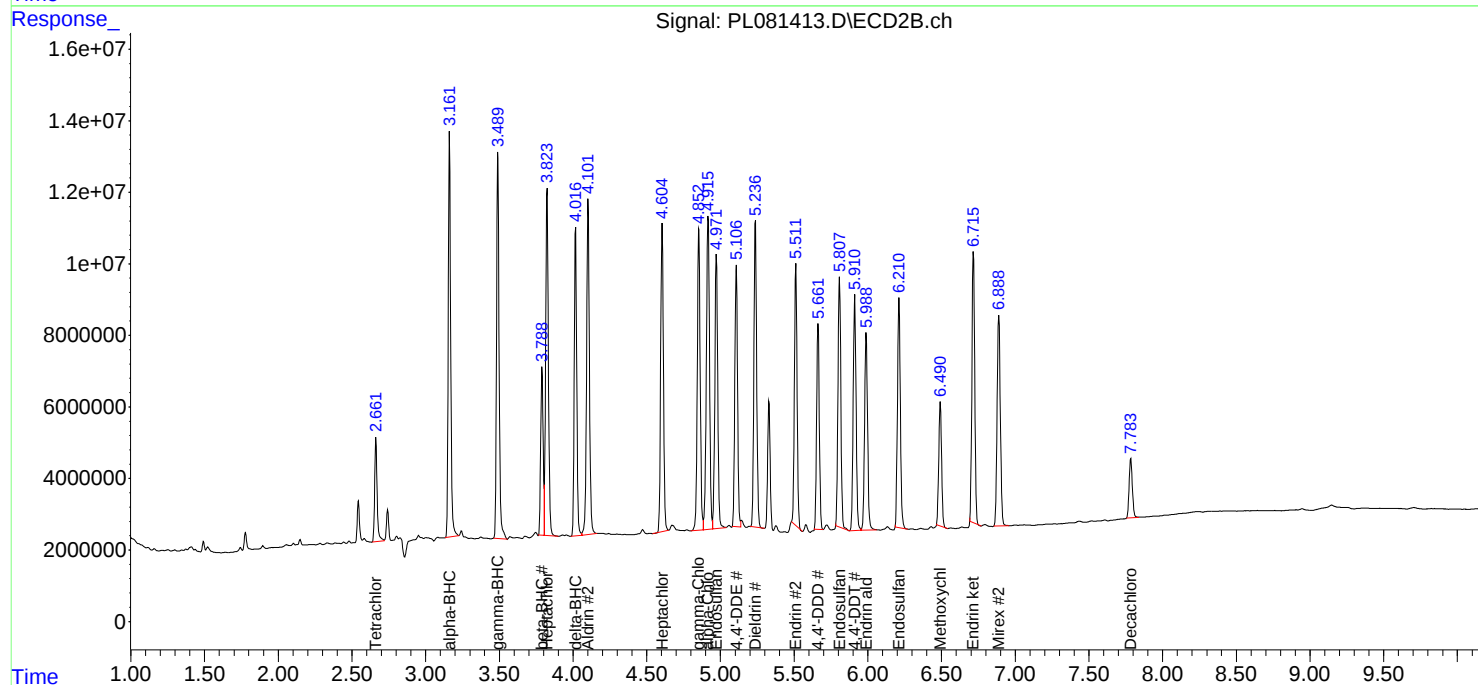
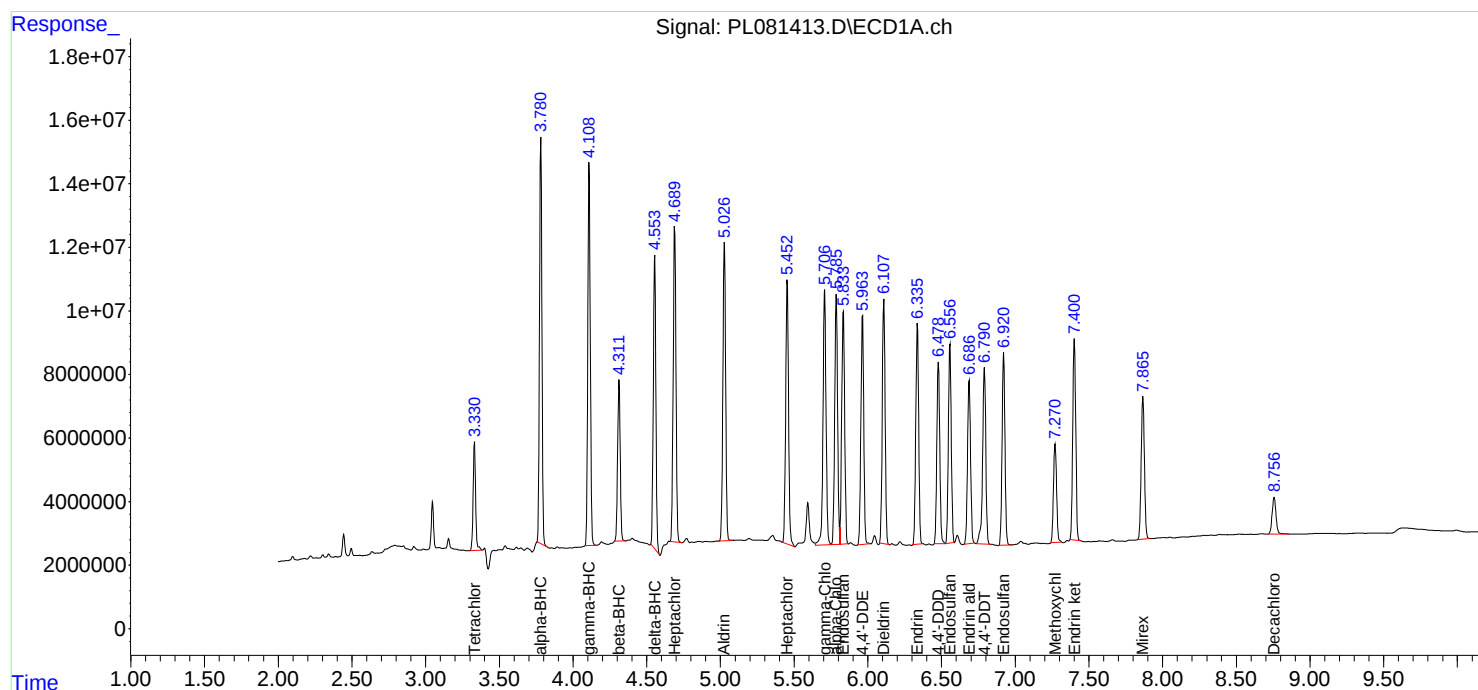
Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

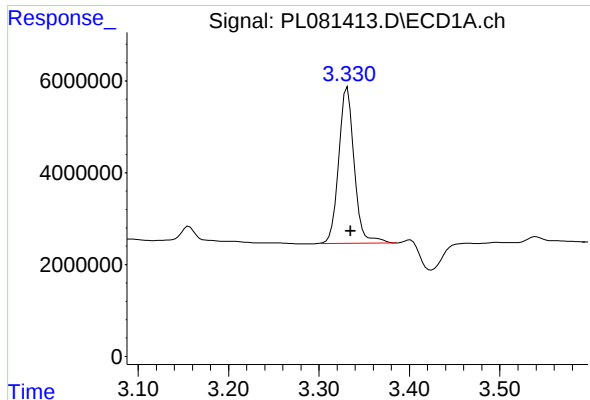
Manual Integrations
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Supervised By :Ankita Jodhani 03/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 21:28:12 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





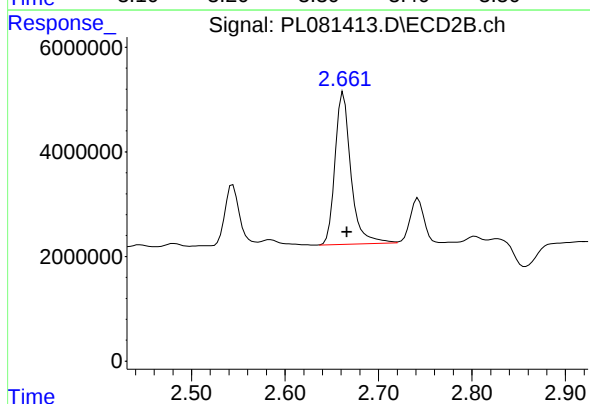
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 40497161
Conc: 18.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

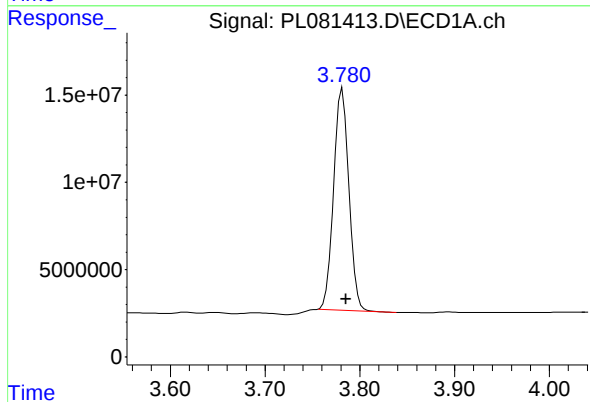
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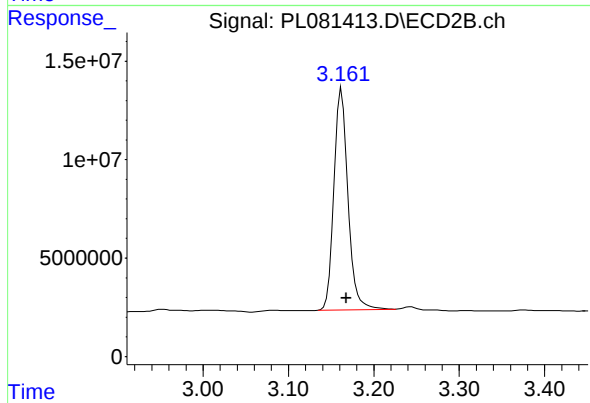
#1 Tetrachloro-m-xylene

R.T.: 2.662 min
Delta R.T.: -0.004 min
Response: 34383413
Conc: 16.99 ng/ml



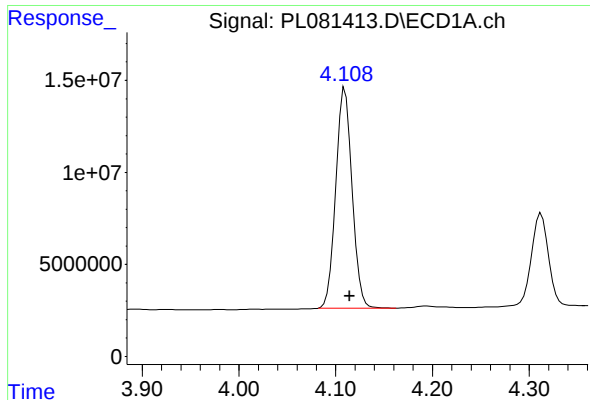
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.004 min
Response: 141917841
Conc: 44.61 ng/ml



#2 alpha-BHC

R.T.: 3.162 min
Delta R.T.: -0.005 min
Response: 128181821
Conc: 43.74 ng/ml



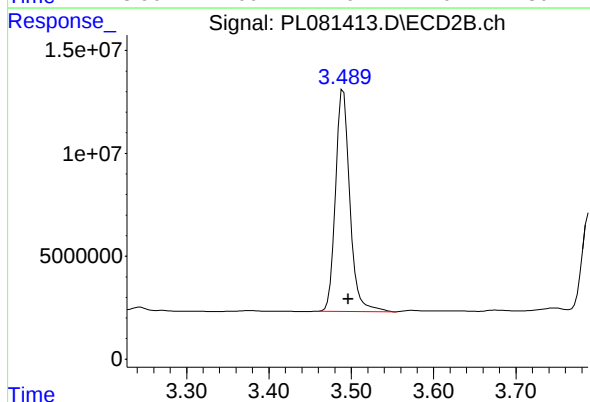
#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: -0.005 min
Response: 140762625
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

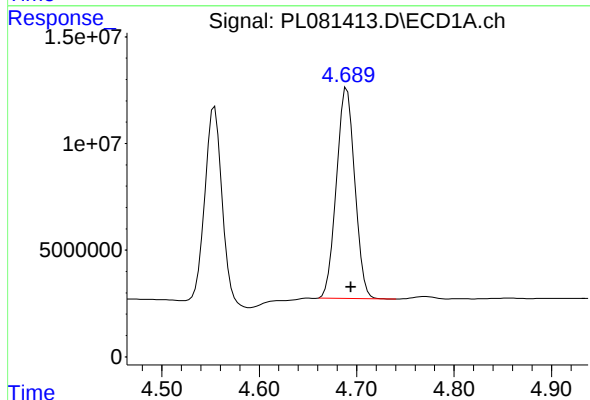
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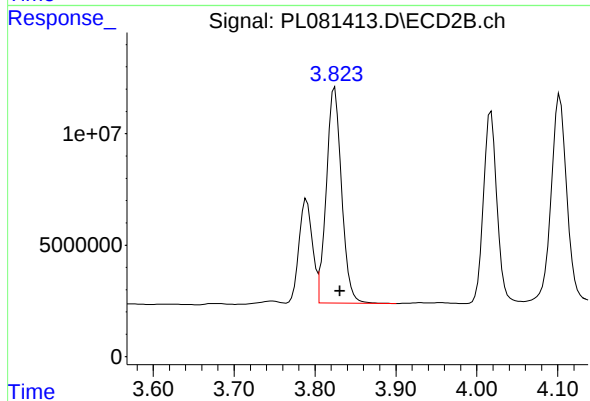
#3 gamma-BHC (Lindane)

R.T.: 3.490 min
Delta R.T.: -0.006 min
Response: 130096195
Conc: 47.29 ng/ml



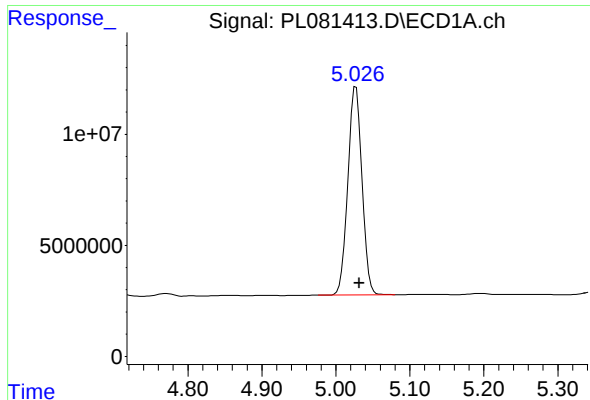
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 129289155
Conc: 46.85 ng/ml



#4 Heptachlor

R.T.: 3.824 min
Delta R.T.: -0.006 min
Response: 126202014
Conc: 45.73 ng/ml



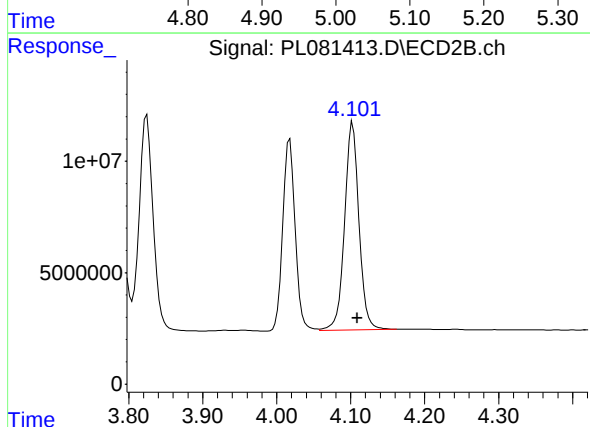
#5 Aldrin

R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 124571517
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

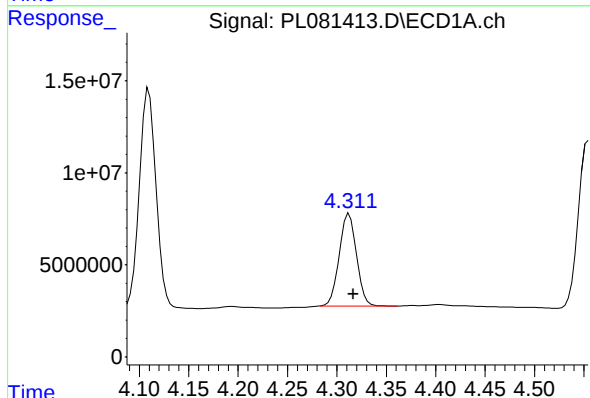
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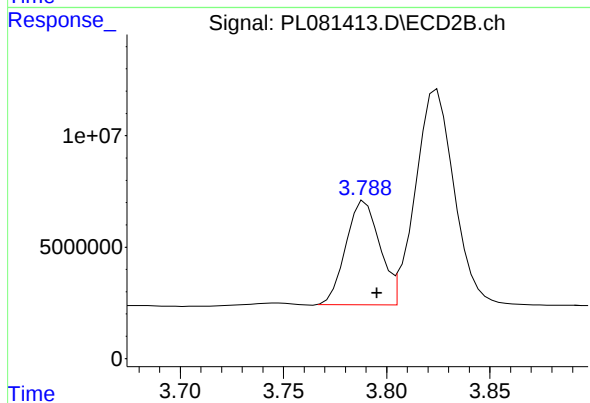
#5 Aldrin

R.T.: 4.103 min
Delta R.T.: -0.006 min
Response: 125957670
Conc: 48.04 ng/ml



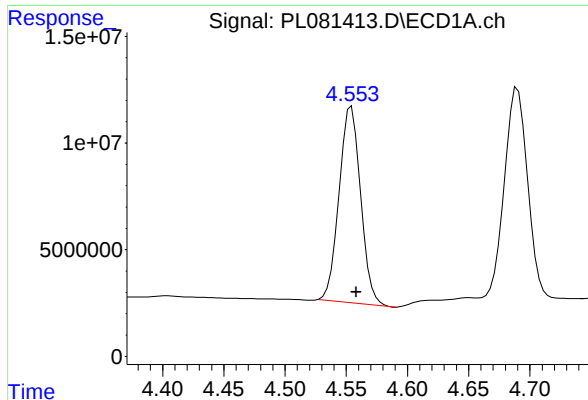
#6 beta-BHC

R.T.: 4.312 min
Delta R.T.: -0.004 min
Response: 60932705
Conc: 44.27 ng/ml



#6 beta-BHC

R.T.: 3.790 min
Delta R.T.: -0.006 min
Response: 53174676
Conc: 45.82 ng/ml



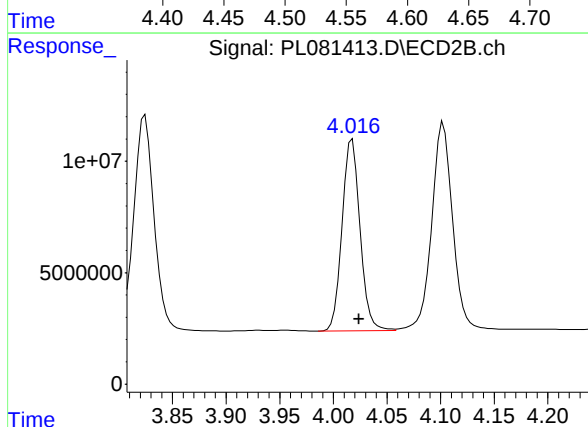
#7 delta-BHC

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 112820934
Conc: 40.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

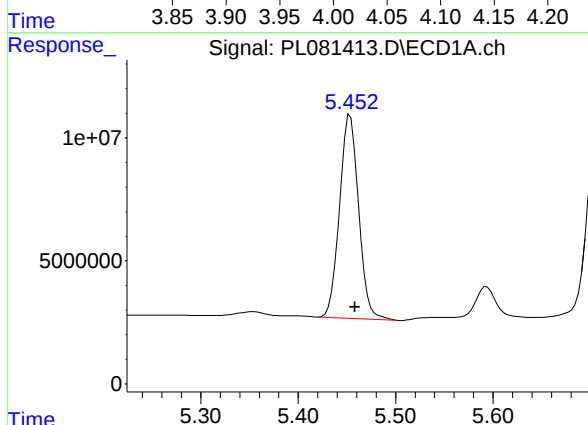
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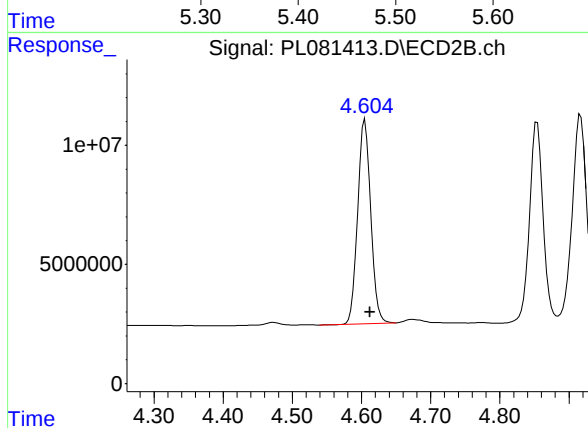
#7 delta-BHC

R.T.: 4.018 min
Delta R.T.: -0.006 min
Response: 100166634
Conc: 39.33 ng/ml



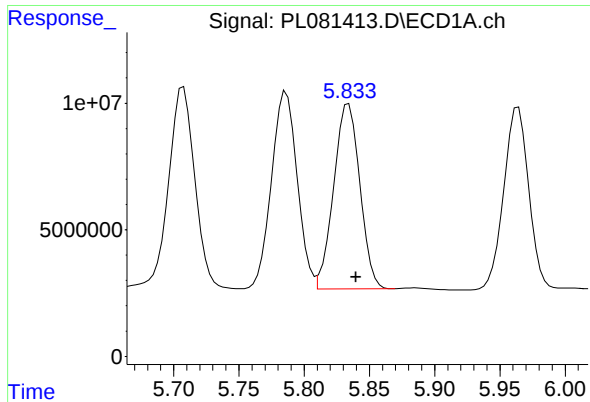
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: -0.005 min
Response: 112431371
Conc: 47.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.605 min
Delta R.T.: -0.007 min
Response: 112433159
Conc: 46.50 ng/ml



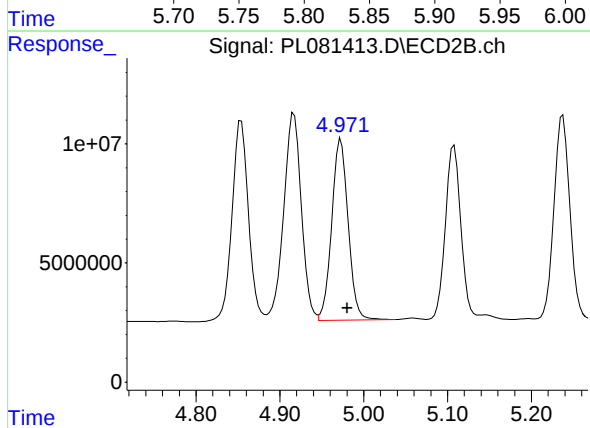
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.006 min
Response: 102199144
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

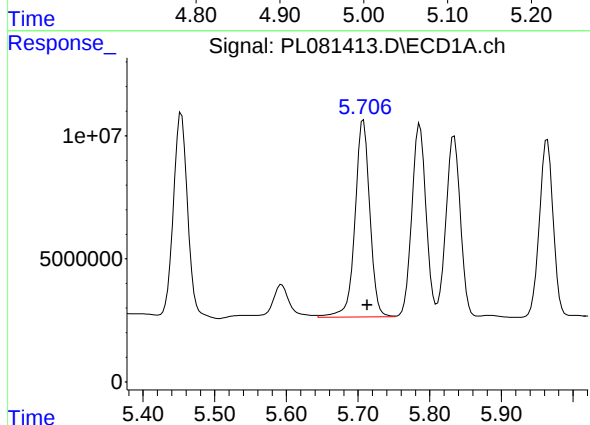
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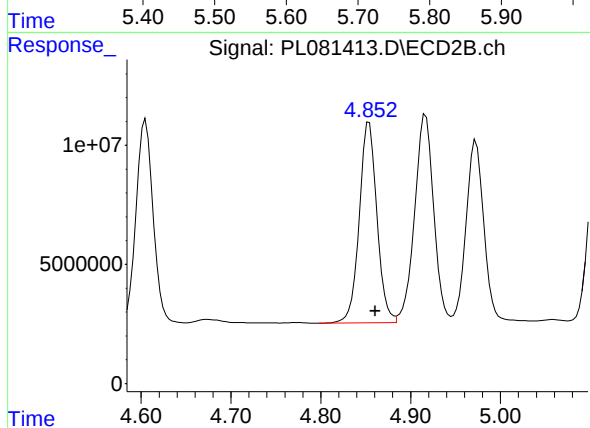
#9 Endosulfan I

R.T.: 4.973 min
Delta R.T.: -0.008 min
Response: 103966914
Conc: 45.93 ng/ml



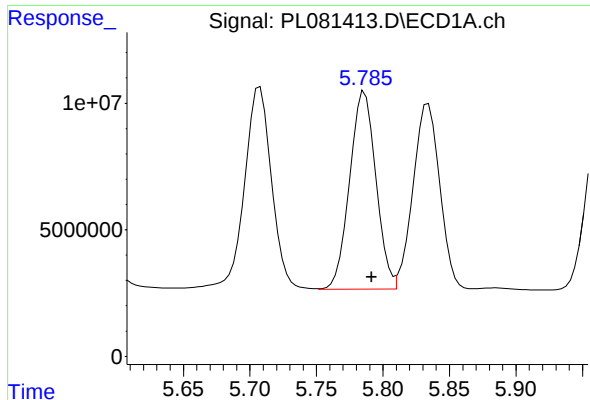
#10 gamma-Chlordane

R.T.: 5.707 min
Delta R.T.: -0.005 min
Response: 115064577
Conc: 50.42 ng/ml



#10 gamma-Chlordane

R.T.: 4.854 min
Delta R.T.: -0.007 min
Response: 115133586
Conc: 47.04 ng/ml



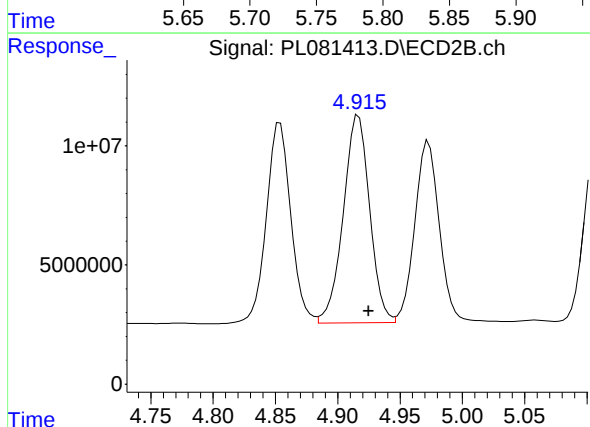
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 107671152
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

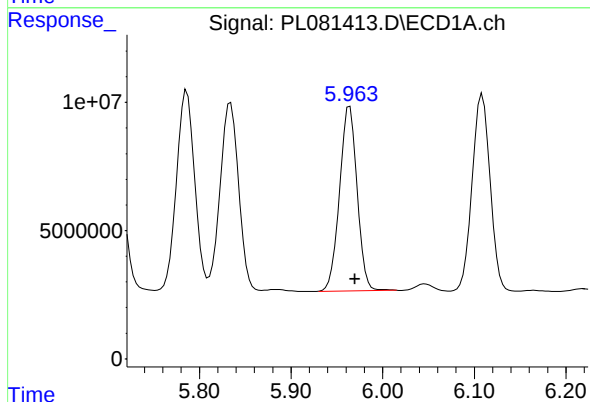
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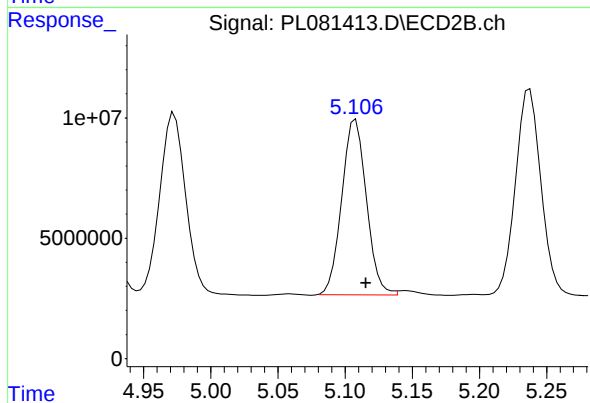
#11 alpha-Chlordane

R.T.: 4.917 min
Delta R.T.: -0.008 min
Response: 128318568
Conc: 52.41 ng/ml



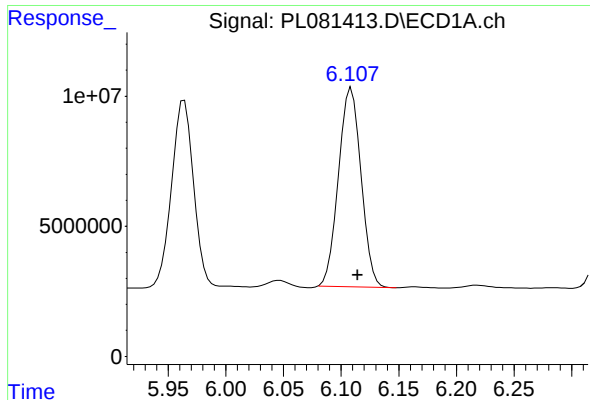
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: -0.006 min
Response: 96020658
Conc: 49.08 ng/ml



#12 4,4'-DDE

R.T.: 5.108 min
Delta R.T.: -0.008 min
Response: 93204990
Conc: 47.48 ng/ml



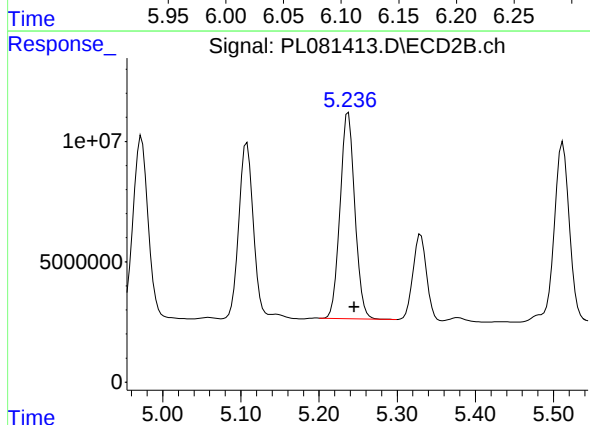
#13 Dieldrin

R.T.: 6.109 min
Delta R.T.: -0.006 min
Response: 103261009
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

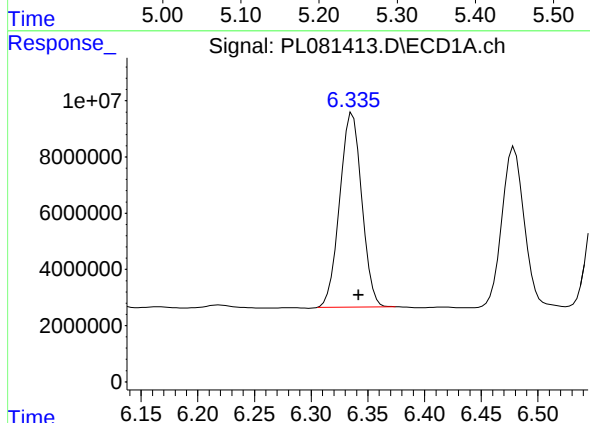
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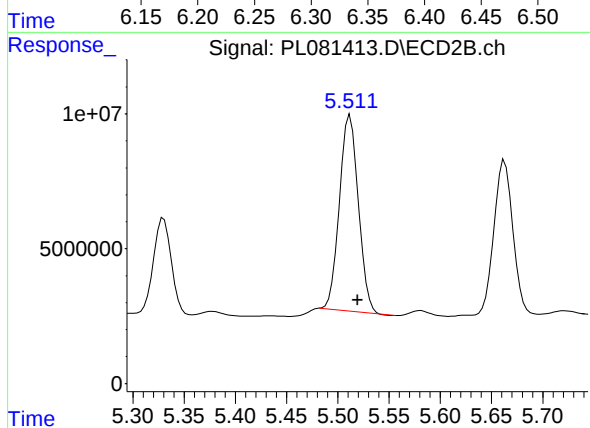
#13 Dieldrin

R.T.: 5.238 min
Delta R.T.: -0.007 min
Response: 112393087
Conc: 49.86 ng/ml



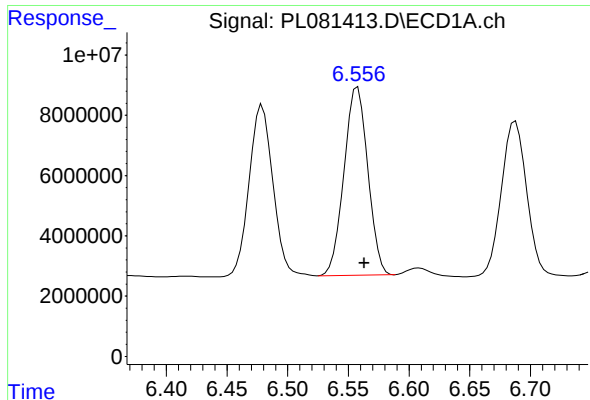
#14 Endrin

R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 93433687
Conc: 51.41 ng/ml



#14 Endrin

R.T.: 5.512 min
Delta R.T.: -0.007 min
Response: 93177932
Conc: 46.37 ng/ml



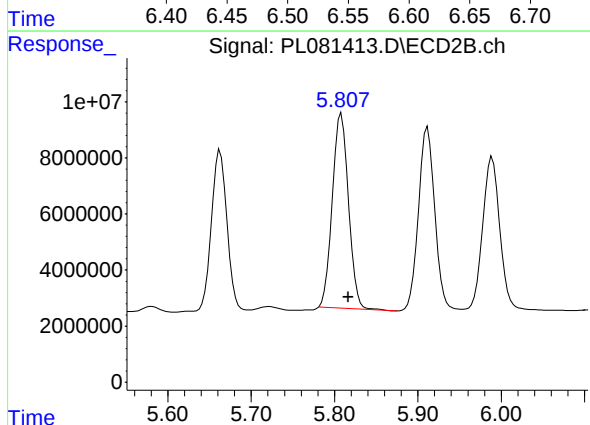
#15 Endosulfan II

R.T.: 6.558 min
Delta R.T.: -0.005 min
Response: 85356493
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

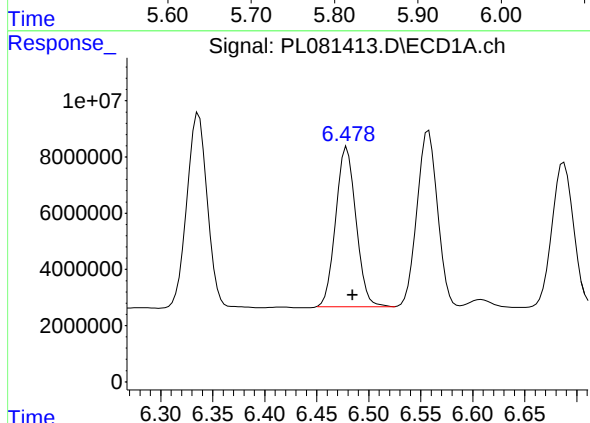
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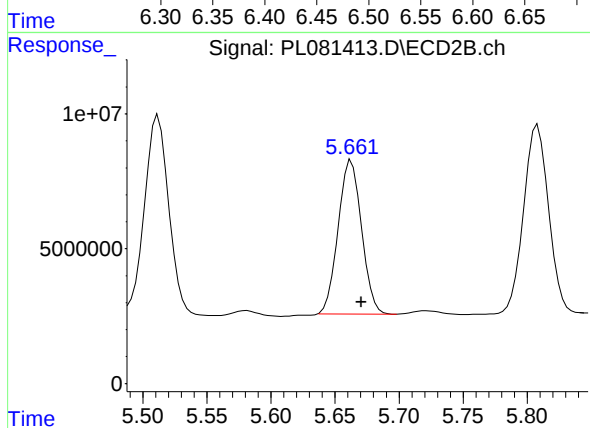
#15 Endosulfan II

R.T.: 5.808 min
Delta R.T.: -0.008 min
Response: 93869219
Conc: 50.91 ng/ml



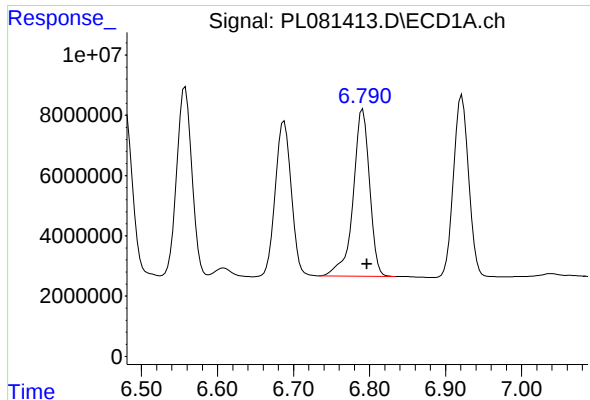
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 77188910
Conc: 50.14 ng/ml



#16 4,4'-DDD

R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 72547922
Conc: 47.29 ng/ml



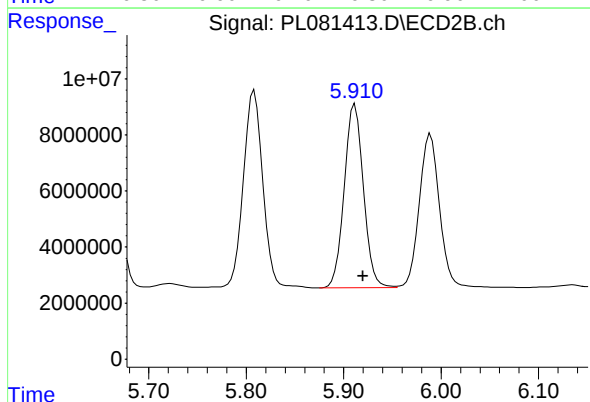
#17 4,4'-DDT

R.T.: 6.791 min
Delta R.T.: -0.005 min
Response: 83571519
Conc: 52.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

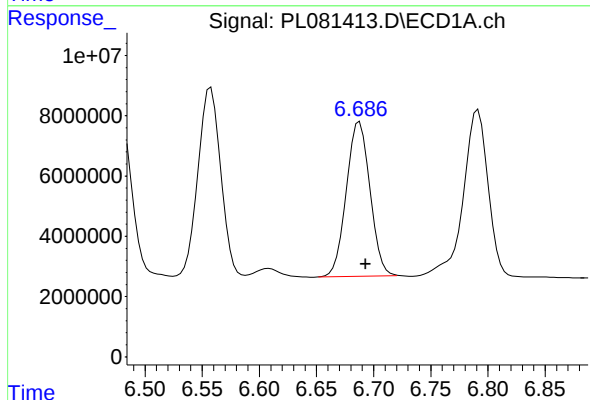
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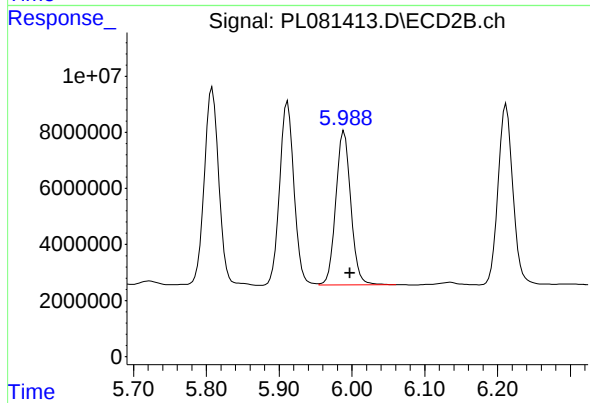
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.008 min
Response: 89736060
Conc: 55.93 ng/ml



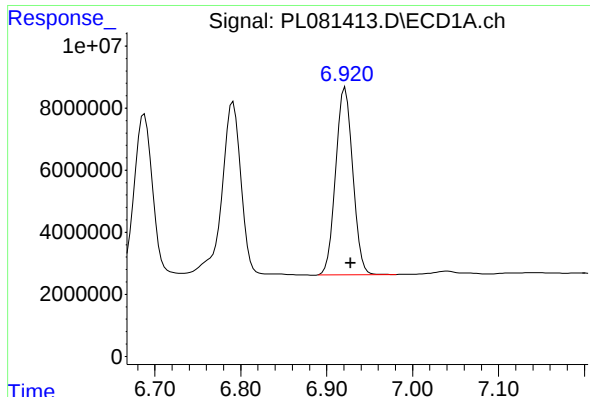
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 74038112
Conc: 51.73 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 78577472
Conc: 51.86 ng/ml



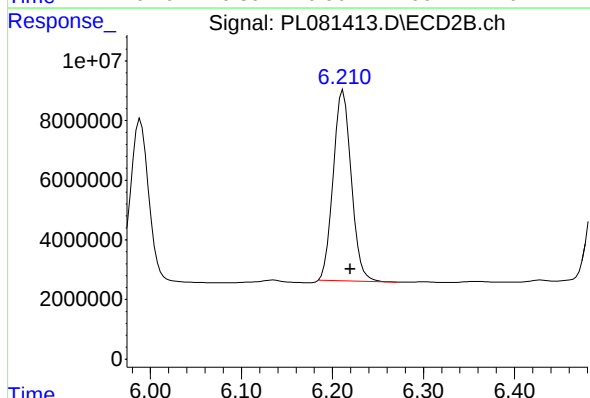
#19 Endosulfan Sulfate

R.T.: 6.922 min
Delta R.T.: -0.007 min
Response: 83281740
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

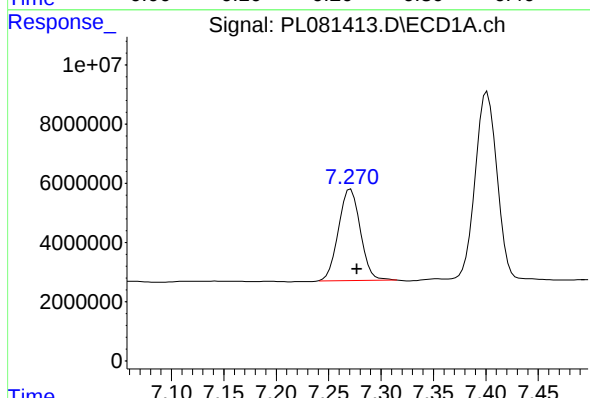
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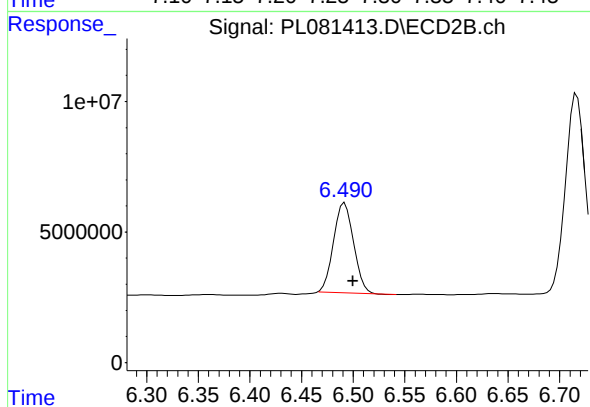
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 87822374
Conc: 45.69 ng/ml



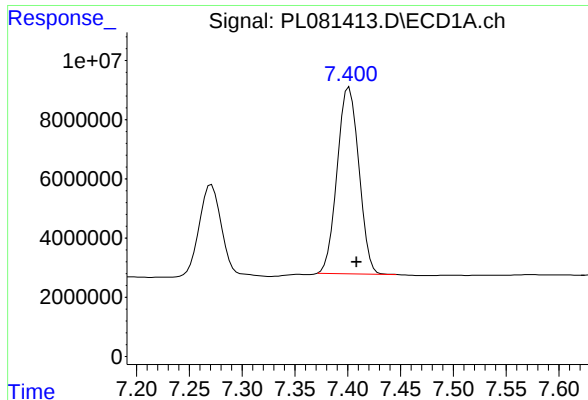
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.006 min
Response: 44955478
Conc: 52.19 ng/ml



#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 46620392
Conc: 50.23 ng/ml



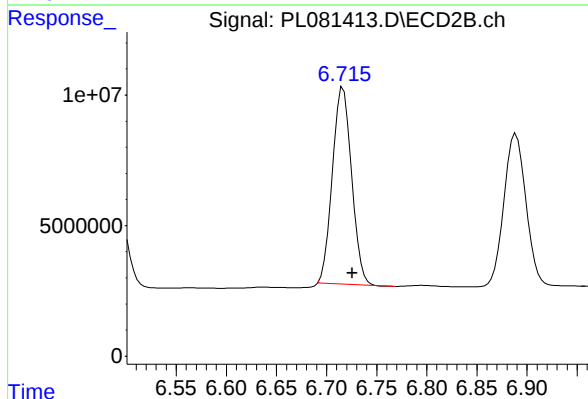
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.007 min
Response: 90295586
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

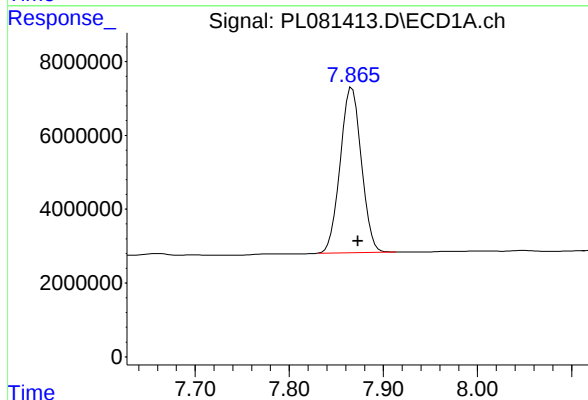
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2023
Supervised By :Ankita Jodhani 03/13/2023



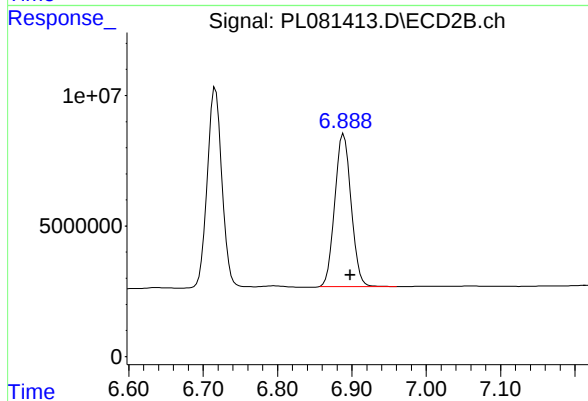
#21 Endrin ketone

R.T.: 6.717 min
Delta R.T.: -0.009 min
Response: 100229166
Conc: 46.55 ng/ml



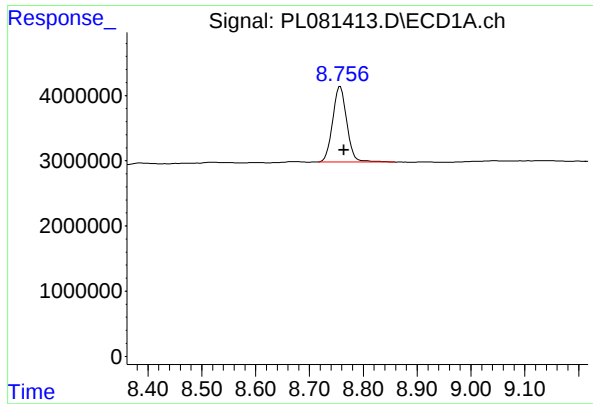
#22 Mirex

R.T.: 7.867 min
Delta R.T.: -0.007 min
Response: 69945361
Conc: 47.94 ng/ml



#22 Mirex

R.T.: 6.889 min
Delta R.T.: -0.009 min
Response: 89476659
Conc: 46.49 ng/ml



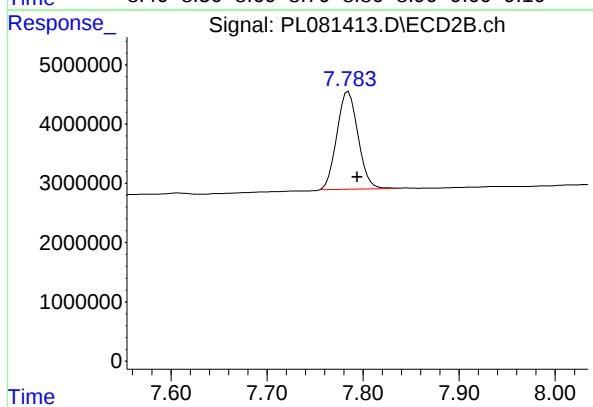
#28 Decachlorobiphenyl

R.T.: 8.757 min
Delta R.T.: -0.007 min
Response: 21233814
Conc: 13.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230163-COMPOSITE-2MS

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#28 Decachlorobiphenyl

R.T.: 7.785 min
Delta R.T.: -0.009 min
Response: 25318836
Conc: 13.22 ng/ml