

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033023\
 Data File : PL081786.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2023 13:08
 Operator : AR\AJ
 Sample : 02117-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NB-8-032823MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/31/2023
 Supervised By : mohammad ahmed 03/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 21:12:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.328	2.657	27082741	22544605	11.644	11.294
28) SA Decachlor...	8.750	7.774	20316850	23930924	11.353	12.067
Target Compounds						
2) A alpha-BHC	3.778	3.156	145.1E6	114.2E6	42.337	39.164
3) MA gamma-BHC...	4.106	3.483	137.7E6	114.8E6	43.354	41.217
4) MA Heptachlor	4.686	3.816	125.9E6	115.1E6	39.938	40.137
5) MB Aldrin	5.023	4.094	123.5E6	111.5E6	43.183	41.839
6) B beta-BHC	4.309	3.782	60644111	47971867	40.293	40.279
7) B delta-BHC	4.550	4.009	131.9E6	106.0E6	43.384	40.988
8) B Heptachlo...	5.448	4.596	111.0E6	103.0E6	40.809	42.409
9) A Endosulfan I	5.829	4.963	100.3E6	94832188	40.579	42.955
10) B gamma-Chl...	5.703	4.844	110.1E6	103.0E6	41.931	42.370
11) B alpha-Chl...	5.781	4.908	108.3E6	103.6E6	41.853	42.662
12) B 4,4'-DDE	5.959	5.098	92675786	83355500	41.123	42.317
13) MA Dieldrin	6.104	5.228	104.7E6	100.5E6	43.233	44.693
14) MA Endrin	6.331	5.502	89612377	89567999	42.365	44.259
15) B Endosulfa...	6.553	5.798	87208952	84475061	41.096	46.567
16) A 4,4'-DDD	6.473	5.653	73231233	64711044	40.605m	42.642
17) MA 4,4'-DDT	6.786	5.901	78264430	74407654	38.561	43.178
18) B Endrin al...	6.683	5.978	74014301	72457359	45.238	46.657
19) B Endosulfa...	6.917	6.201	86943756	85492581	41.719	43.939
20) A Methoxychlor	7.266	6.481	45198822	45167355	41.972	45.347
21) B Endrin ke...	7.396	6.706	92540090	98129954	44.179	45.920
22) Mirex	7.861	6.879	70629950	85501349	41.225	44.538

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033023\
Data File : PL081786.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Mar 2023 13:08
Operator : AR\AJ
Sample : 02117-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

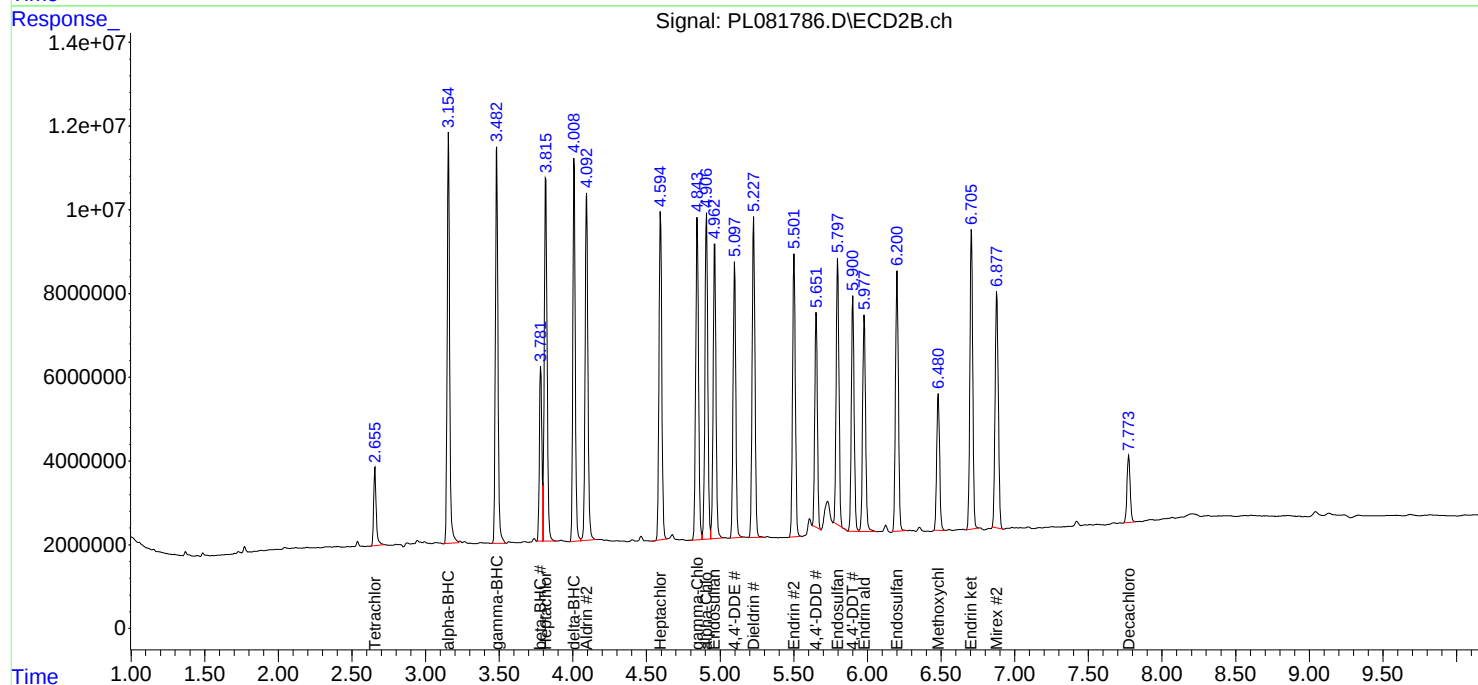
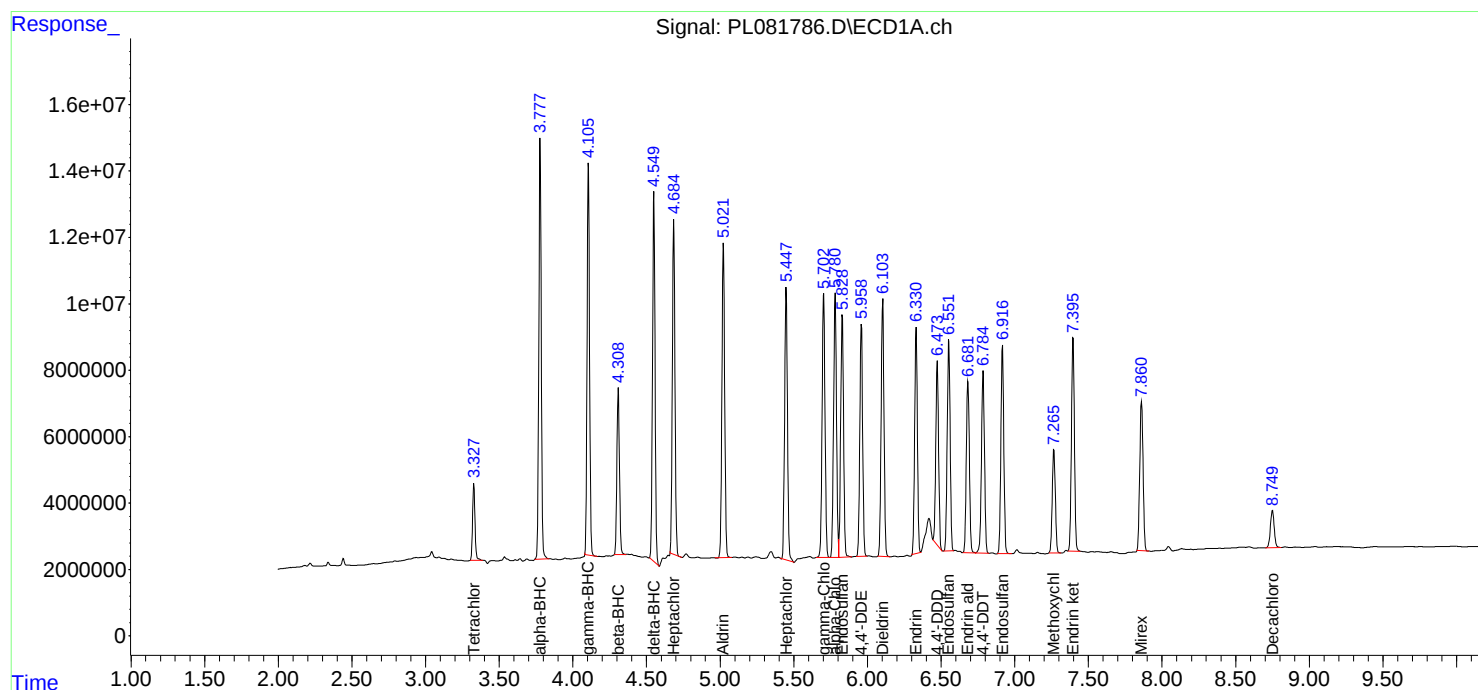
Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

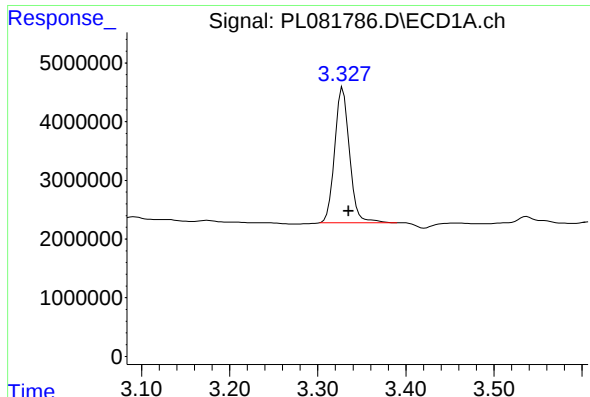
Manual Integrations
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Supervised By :mohammad ahmed 03/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 30 21:12:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





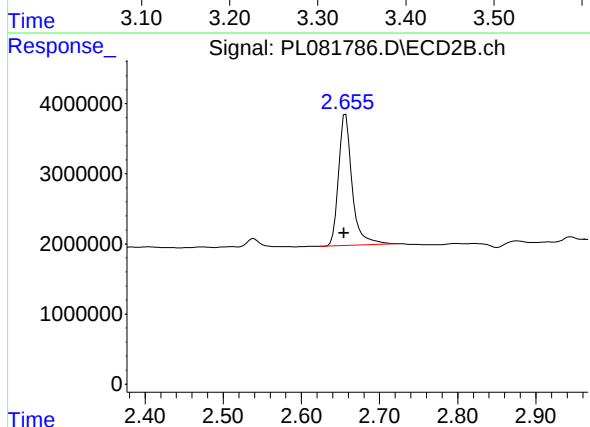
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 27082741
Conc: 11.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

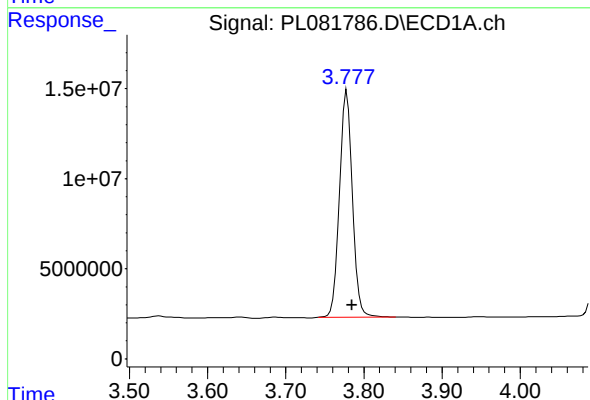
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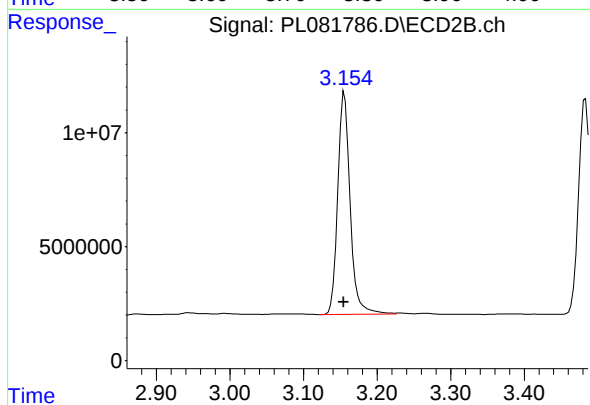
#1 Tetrachloro-m-xylene

R.T.: 2.657 min
Delta R.T.: 0.002 min
Response: 22544605
Conc: 11.29 ng/ml



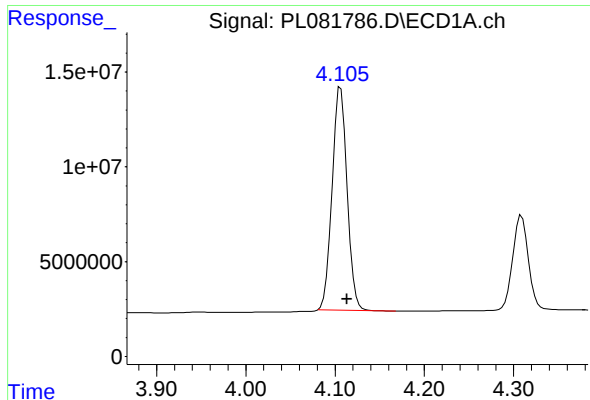
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 145148138
Conc: 42.34 ng/ml



#2 alpha-BHC

R.T.: 3.156 min
Delta R.T.: 0.001 min
Response: 114162824
Conc: 39.16 ng/ml



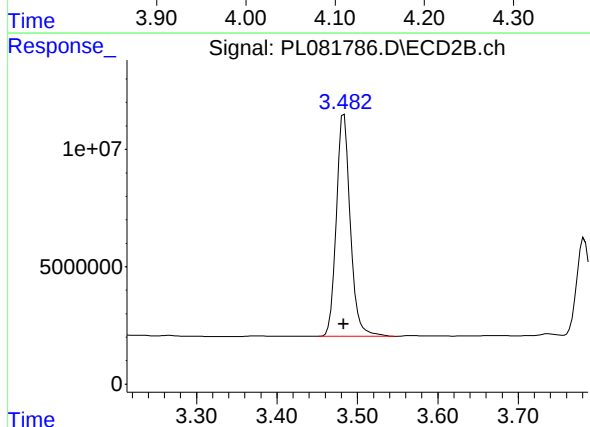
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 137728516
Conc: 43.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

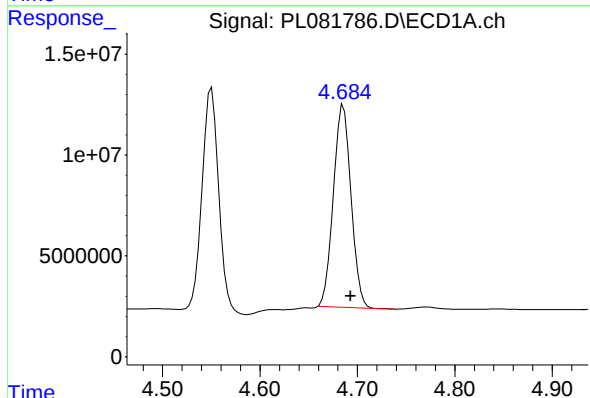
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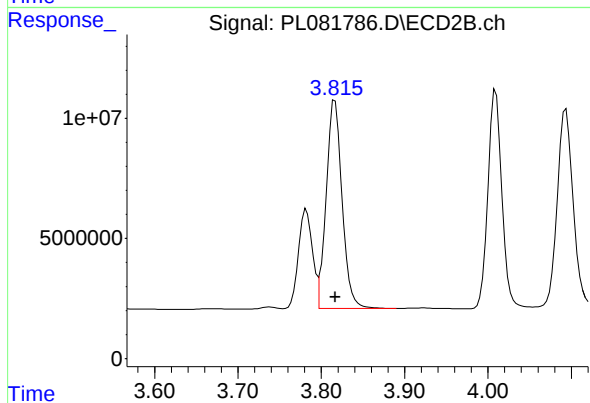
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 114756690
Conc: 41.22 ng/ml



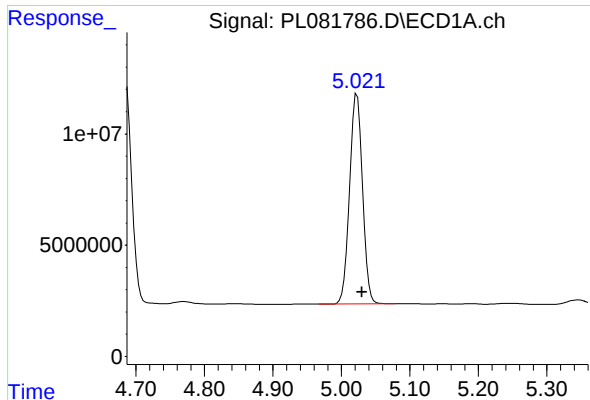
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.008 min
Response: 125892645
Conc: 39.94 ng/ml



#4 Heptachlor

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 115071281
Conc: 40.14 ng/ml



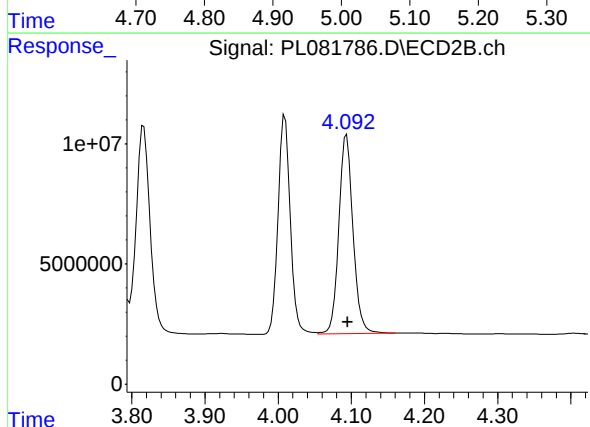
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.007 min
Response: 123514955
Conc: 43.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

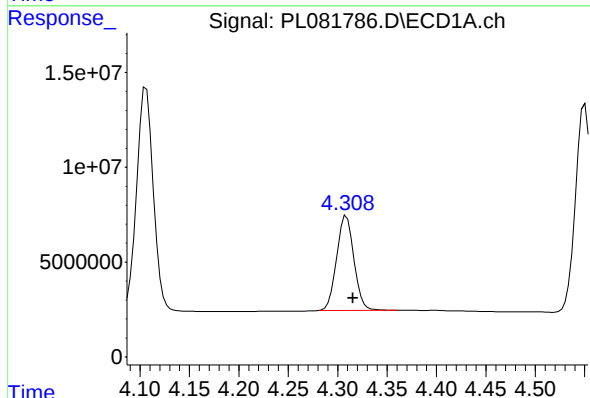
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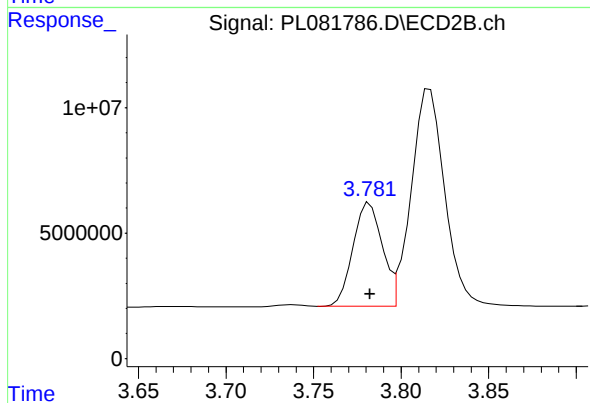
#5 Aldrin

R.T.: 4.094 min
Delta R.T.: -0.001 min
Response: 111478286
Conc: 41.84 ng/ml



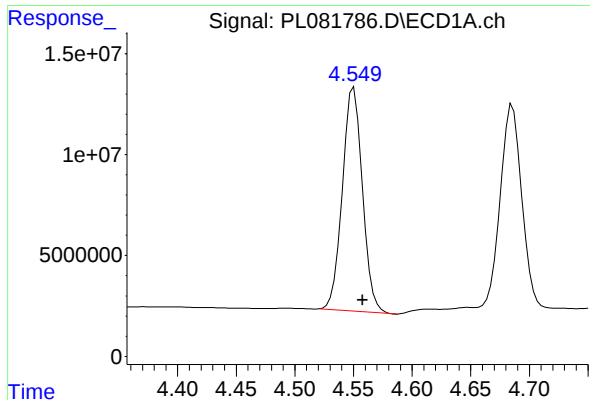
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 60644111
Conc: 40.29 ng/ml



#6 beta-BHC

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 47971867
Conc: 40.28 ng/ml



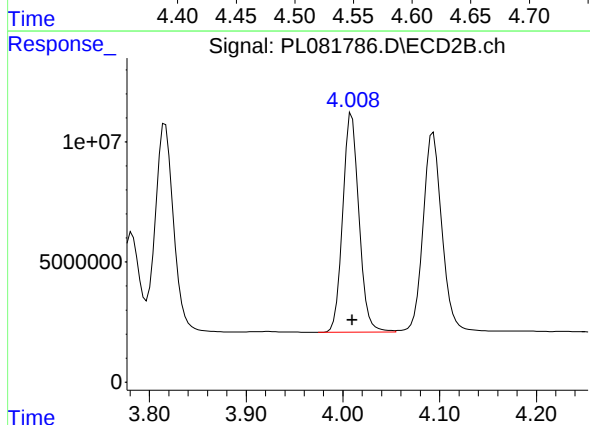
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: -0.007 min
Response: 131853098
Conc: 43.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

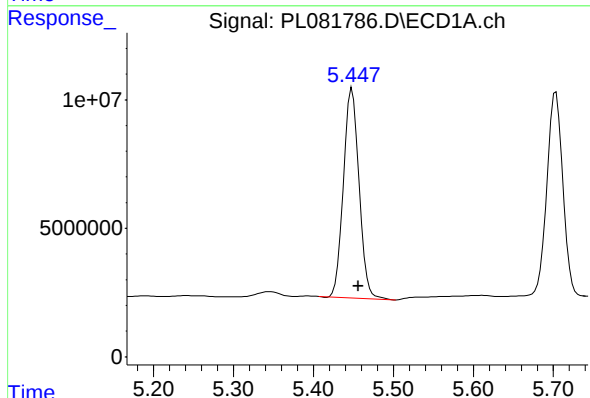
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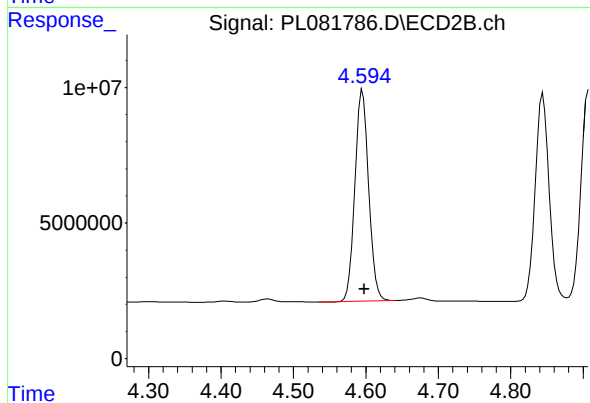
#7 delta-BHC

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 105998642
Conc: 40.99 ng/ml



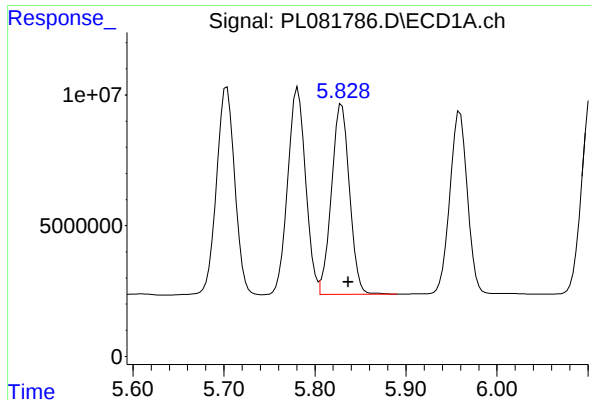
#8 Heptachlor epoxide

R.T.: 5.448 min
Delta R.T.: -0.008 min
Response: 111002928
Conc: 40.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 102999949
Conc: 42.41 ng/ml



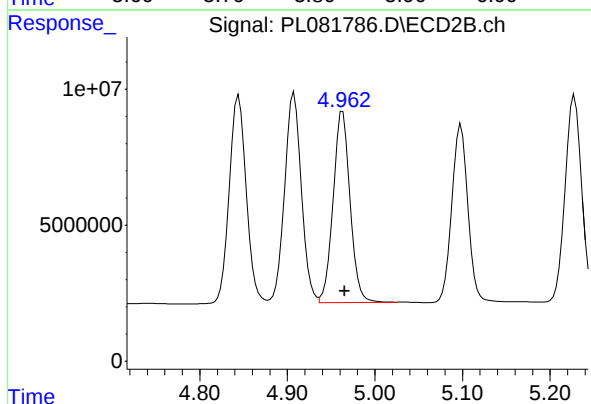
#9 Endosulfan I

R.T.: 5.829 min
Delta R.T.: -0.007 min
Response: 100262359
Conc: 40.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

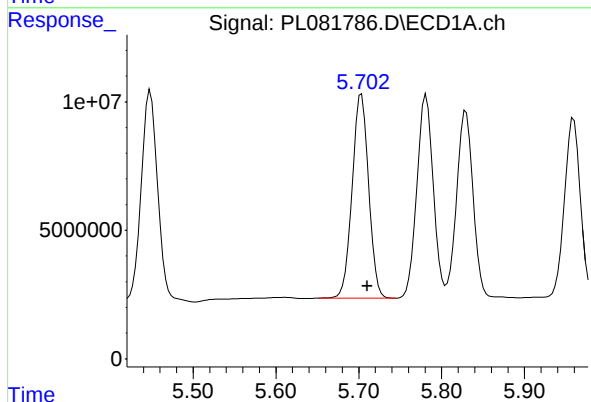
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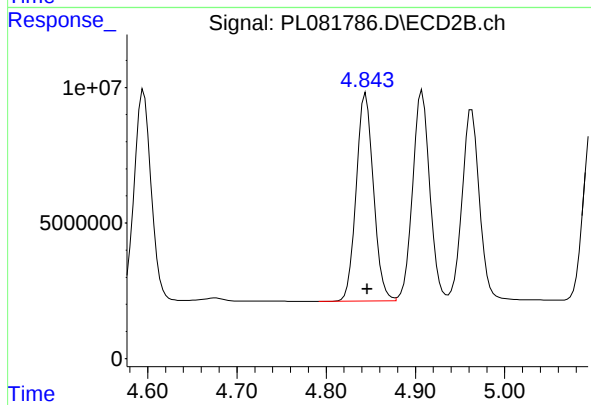
#9 Endosulfan I

R.T.: 4.963 min
Delta R.T.: -0.002 min
Response: 94832188
Conc: 42.95 ng/ml



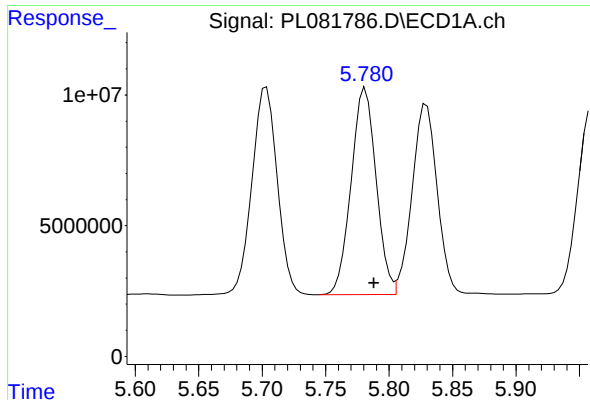
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 110079752
Conc: 41.93 ng/ml



#10 gamma-Chlordane

R.T.: 4.844 min
Delta R.T.: -0.002 min
Response: 102974833
Conc: 42.37 ng/ml



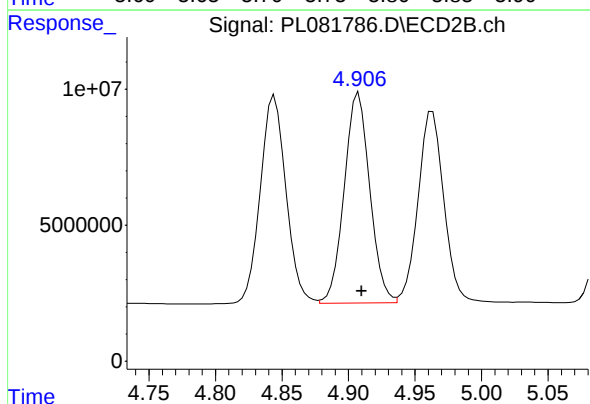
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 108332475
Conc: 41.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

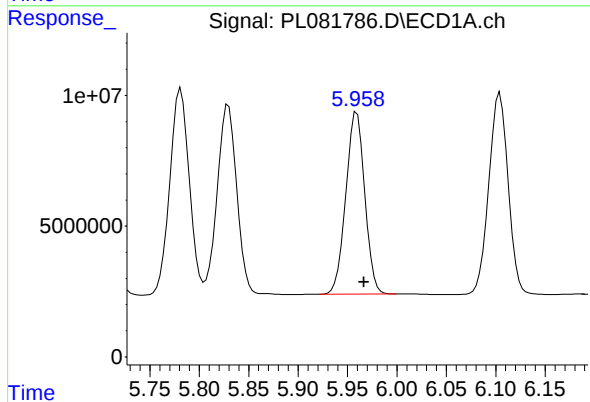
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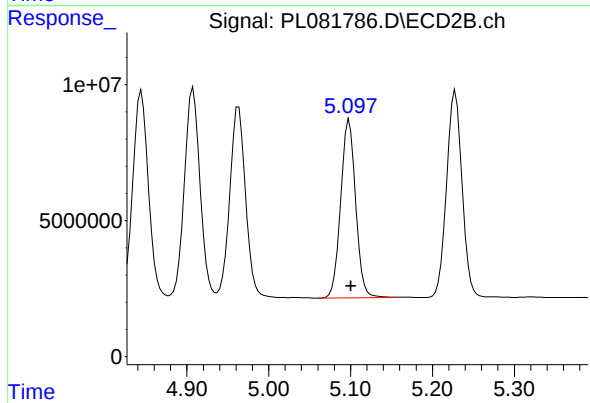
#11 alpha-Chlordane

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 103624042
Conc: 42.66 ng/ml



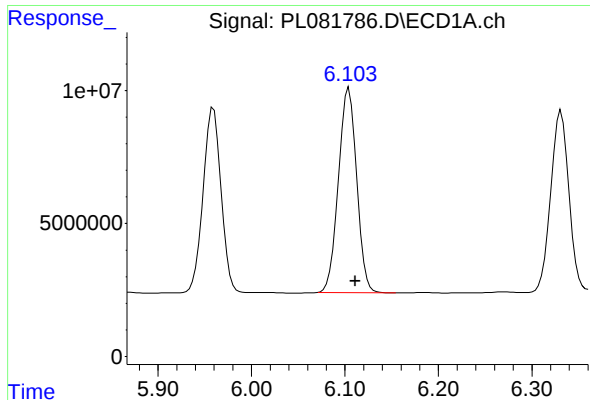
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 92675786
Conc: 41.12 ng/ml



#12 4,4'-DDE

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 83355500
Conc: 42.32 ng/ml



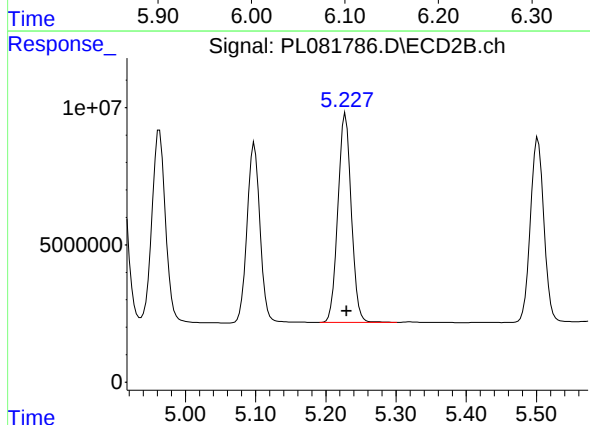
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 104665922
Conc: 43.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

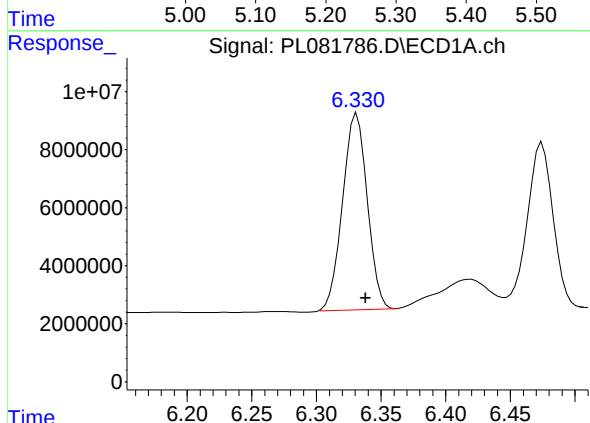
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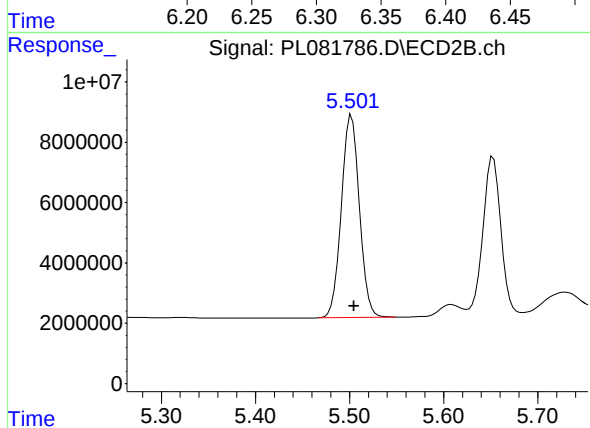
#13 Dieldrin

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 100534655
Conc: 44.69 ng/ml



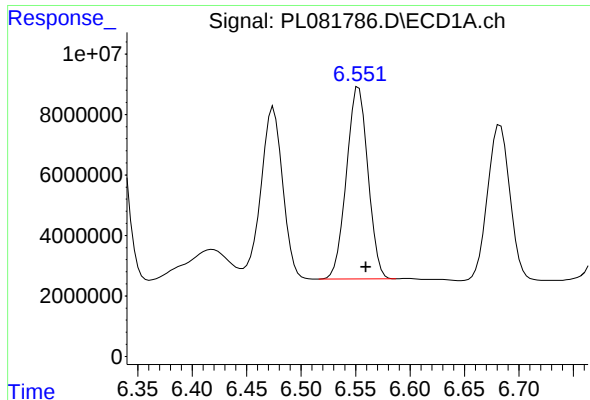
#14 Endrin

R.T.: 6.331 min
Delta R.T.: -0.007 min
Response: 89612377
Conc: 42.37 ng/ml



#14 Endrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 89567999
Conc: 44.26 ng/ml



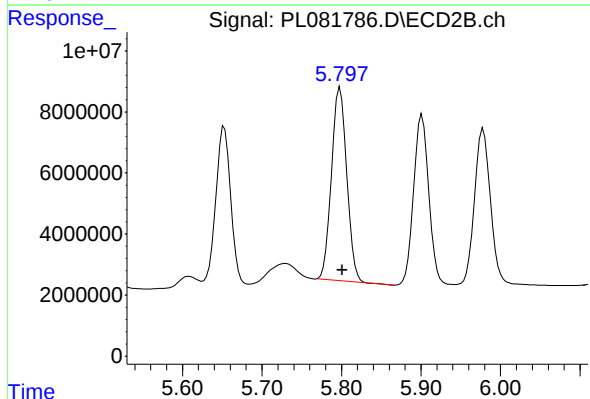
#15 Endosulfan II

R.T.: 6.553 min
Delta R.T.: -0.007 min
Response: 87208952
Conc: 41.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

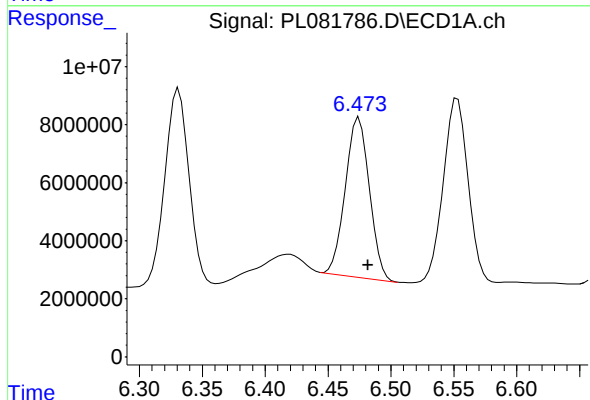
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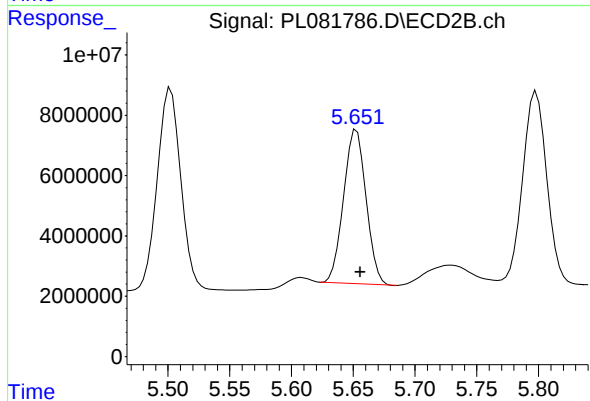
#15 Endosulfan II

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 84475061
Conc: 46.57 ng/ml



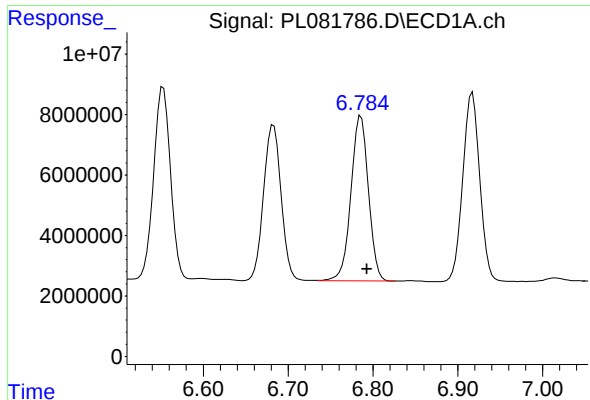
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: -0.009 min
Response: 73231233
Conc: 40.61 ng/ml m



#16 4,4'-DDD

R.T.: 5.653 min
Delta R.T.: -0.003 min
Response: 64711044
Conc: 42.64 ng/ml



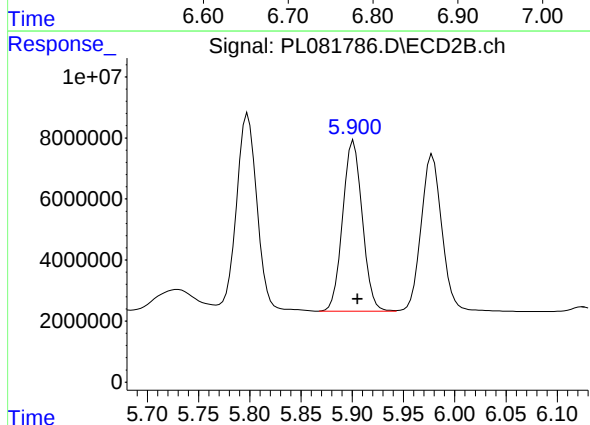
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 78264430
Conc: 38.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

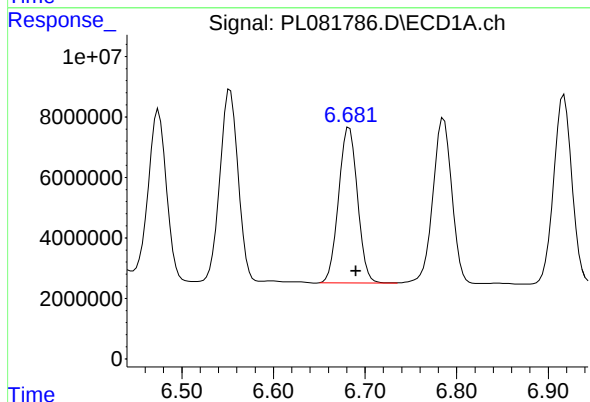
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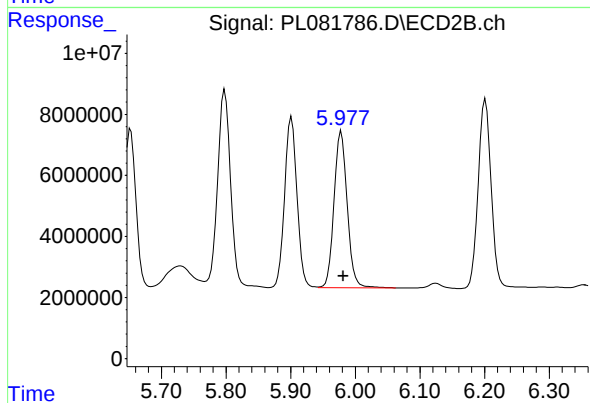
#17 4,4'-DDT

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 74407654
Conc: 43.18 ng/ml



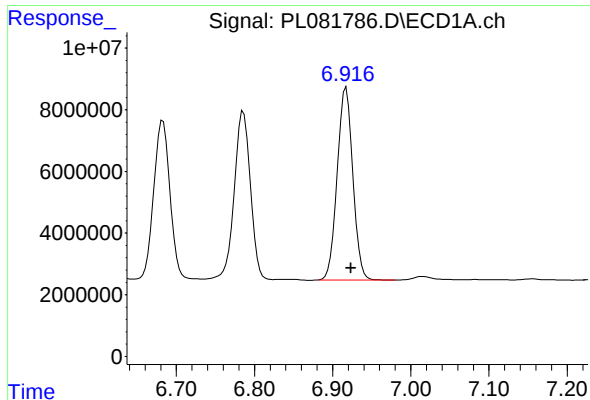
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 74014301
Conc: 45.24 ng/ml



#18 Endrin aldehyde

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 72457359
Conc: 46.66 ng/ml



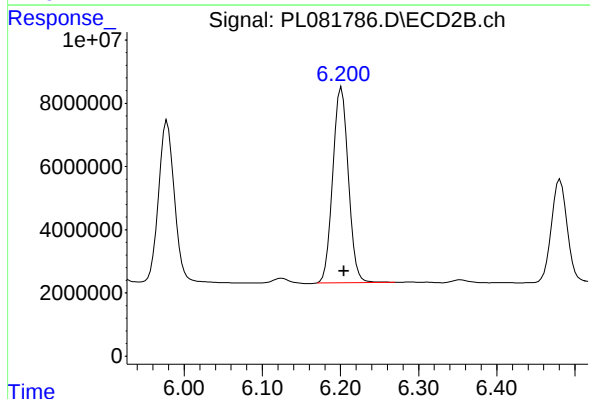
#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: -0.006 min
Response: 86943756
Conc: 41.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

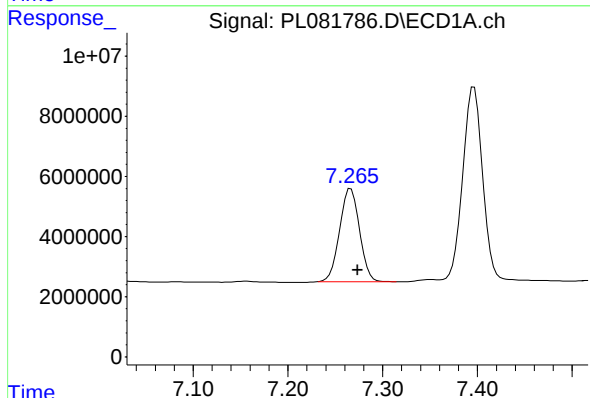
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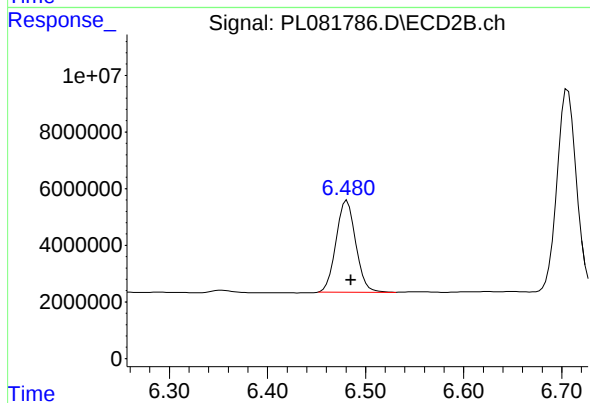
#19 Endosulfan Sulfate

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 85492581
Conc: 43.94 ng/ml



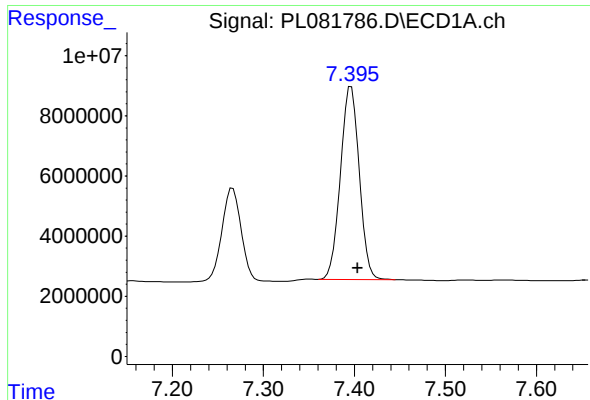
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.007 min
Response: 45198822
Conc: 41.97 ng/ml



#20 Methoxychlor

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 45167355
Conc: 45.35 ng/ml



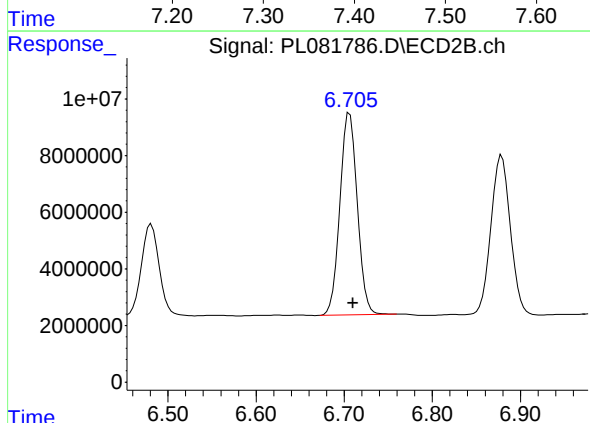
#21 Endrin ketone

R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 92540090
Conc: 44.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

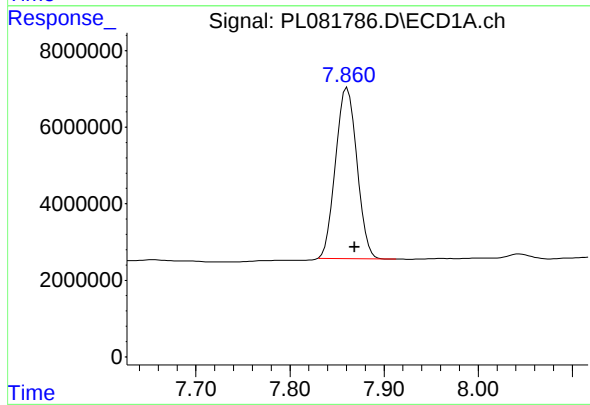
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



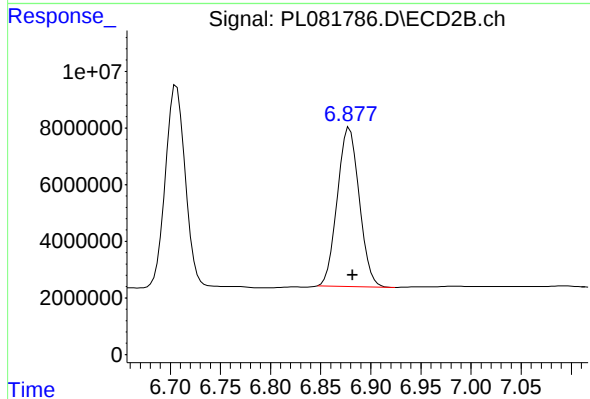
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 98129954
Conc: 45.92 ng/ml



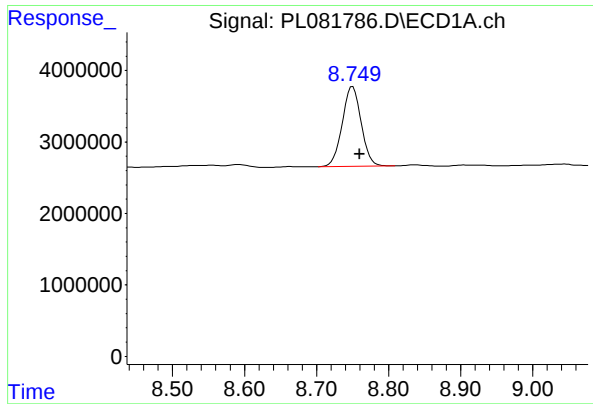
#22 Mirex

R.T.: 7.861 min
Delta R.T.: -0.008 min
Response: 70629950
Conc: 41.23 ng/ml



#22 Mirex

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 85501349
Conc: 44.54 ng/ml



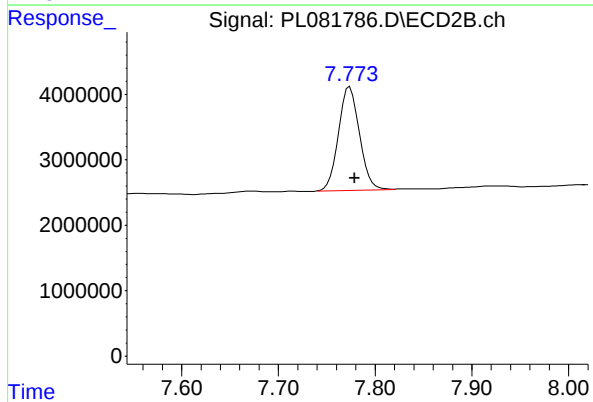
#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.010 min
Response: 20316850
Conc: 11.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MS

Manual Integrations
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Supervised By :mohammad ahmed 03/31/2023



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: -0.005 min
Response: 23930924
Conc: 12.07 ng/ml