

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033023\
 Data File : PL081787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2023 13:22
 Operator : AR\AJ
 Sample : 02117-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NB-8-032823MSD

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 21:12:46 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	2.656	26111503	22398622	11.226	11.221
28) SA Decachlor...	8.749	7.774	20266997	23858506	11.325	12.030
Target Compounds						
2) A alpha-BHC	3.778	3.156	142.0E6	115.2E6	41.429	39.533
3) MA gamma-BHC...	4.106	3.483	135.3E6	114.9E6	42.584	41.284
4) MA Heptachlor	4.684	3.817	126.4E6	114.9E6	40.107m	40.090
5) MB Aldrin	5.022	4.094	122.0E6	111.3E6	42.638	41.777
6) B beta-BHC	4.308	3.782	60901570	48054407	40.464	40.348
7) B delta-BHC	4.550	4.009	129.8E6	106.4E6	42.706	41.149
8) B Heptachlo...	5.448	4.596	110.5E6	103.5E6	40.637	42.599
9) A Endosulfan I	5.829	4.963	99776176	96002920	40.382	43.485
10) B gamma-Chl...	5.703	4.844	108.9E6	103.6E6	41.493	42.607
11) B alpha-Chl...	5.781	4.907	108.1E6	104.3E6	41.753	42.957
12) B 4,4'-DDE	5.959	5.098	92586748	84304629	41.083	42.799
13) MA Dieldrin	6.103	5.227	103.8E6	101.1E6	42.855	44.927
14) MA Endrin	6.331	5.502	88988013	89700984	42.070	44.325
15) B Endosulfa...	6.552	5.798	86359842	84059053	40.695	46.338
16) A 4,4'-DDD	6.472	5.652	72639925	67532750	40.278m	44.502
17) MA 4,4'-DDT	6.785	5.902	77248099	74838788	38.060	43.428
18) B Endrin al...	6.682	5.979	72930246	72364178	44.575	46.597
19) B Endosulfa...	6.916	6.201	85605039	85589314	41.076	43.989
20) A Methoxychlor	7.266	6.481	44798788	45256314	41.600	45.436
21) B Endrin ke...	7.396	6.706	91546607	98021894	43.705	45.869
22) Mirex	7.860	6.879	69932395	85991275	40.818	44.793

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033023\
Data File : PL081787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Mar 2023 13:22
Operator : AR\AJ
Sample : 02117-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

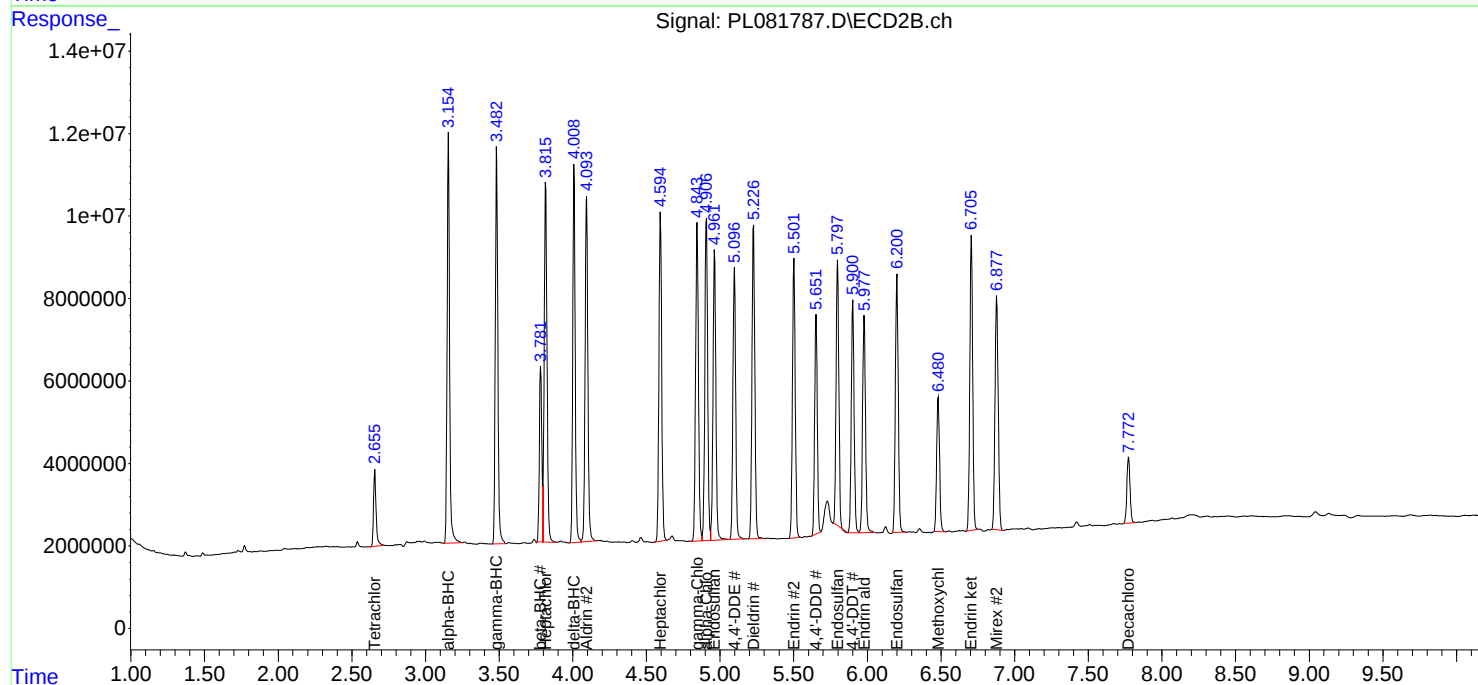
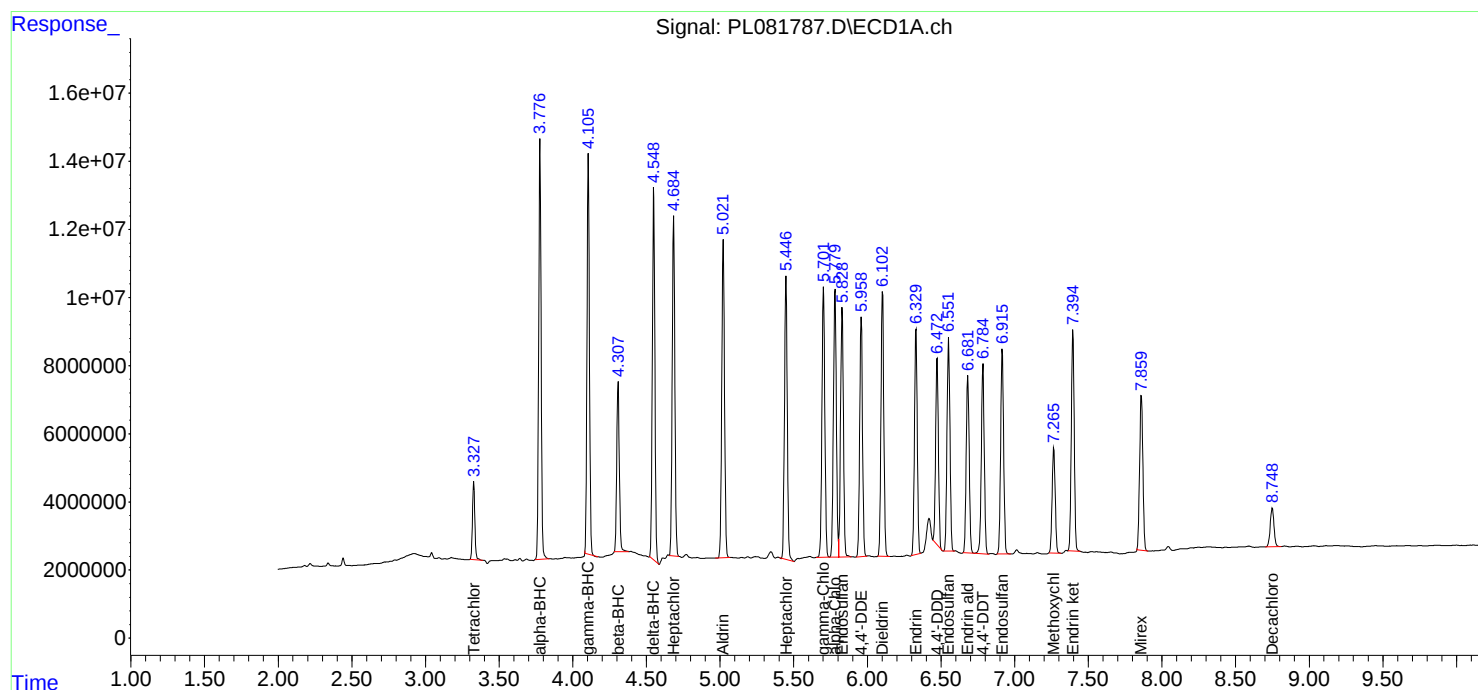
Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

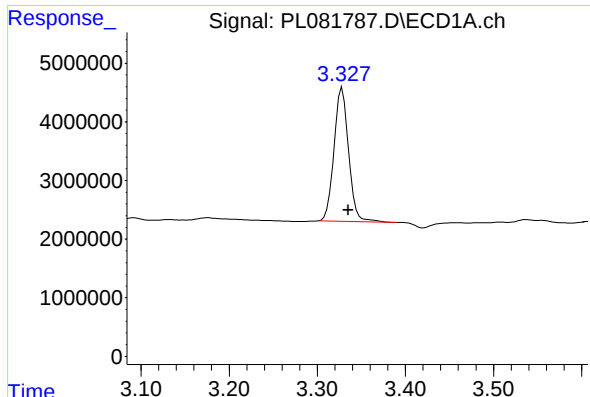
Manual Integrations
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Reviewed By : Abdul Mirza 03/31/2023
Supervised By : mohammad ahmed 03/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 30 21:12:46 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





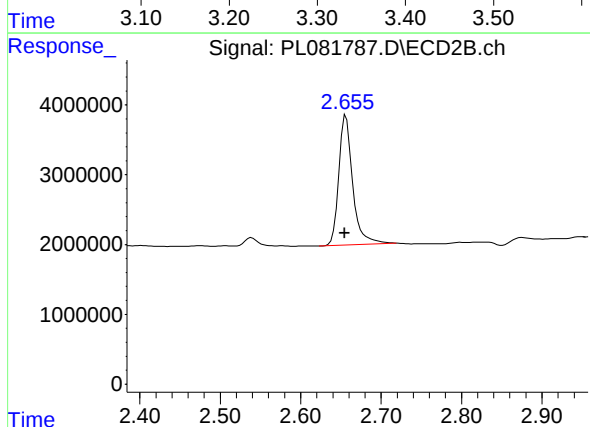
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 26111503
Conc: 11.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

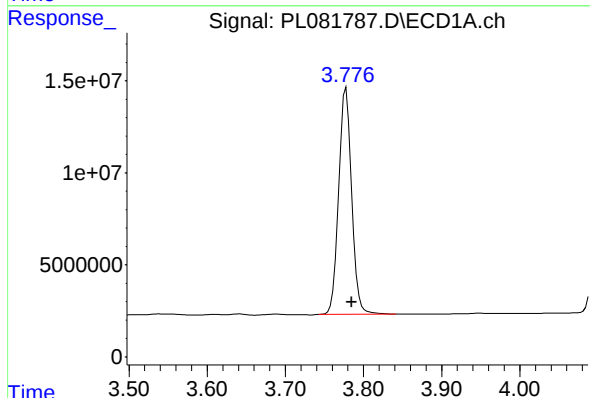
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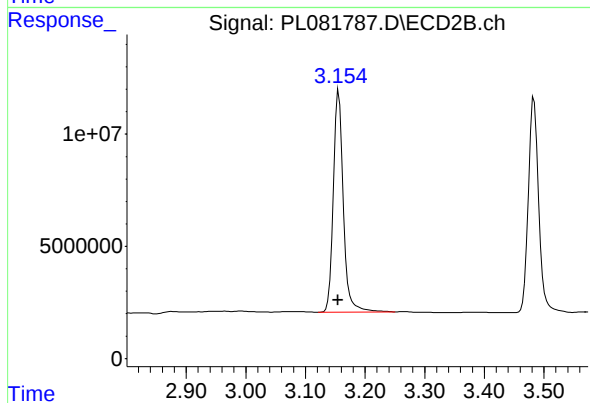
#1 Tetrachloro-m-xylene

R.T.: 2.656 min
Delta R.T.: 0.002 min
Response: 22398622
Conc: 11.22 ng/ml



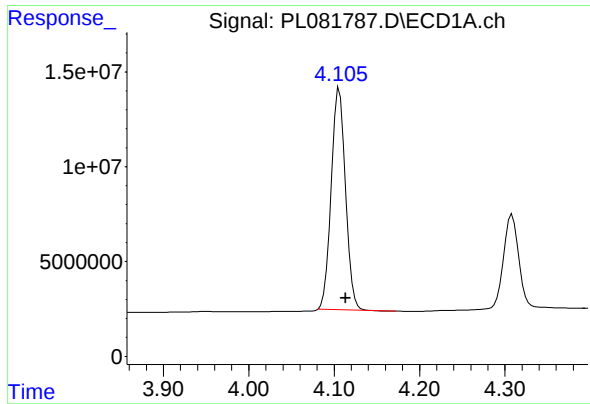
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 142033279
Conc: 41.43 ng/ml



#2 alpha-BHC

R.T.: 3.156 min
Delta R.T.: 0.001 min
Response: 115239169
Conc: 39.53 ng/ml



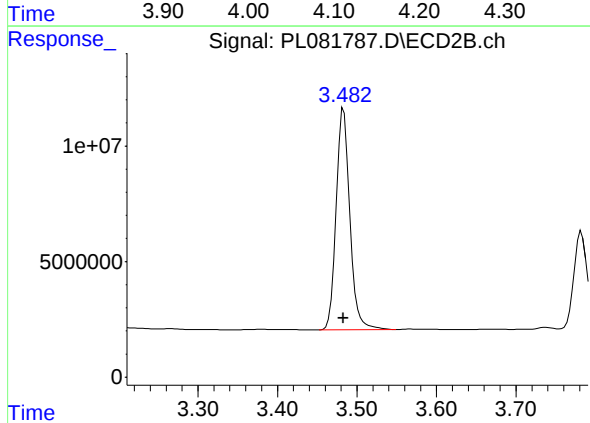
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 135282755
Conc: 42.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

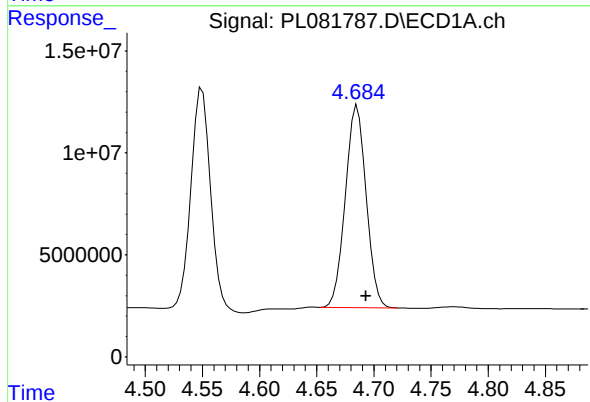
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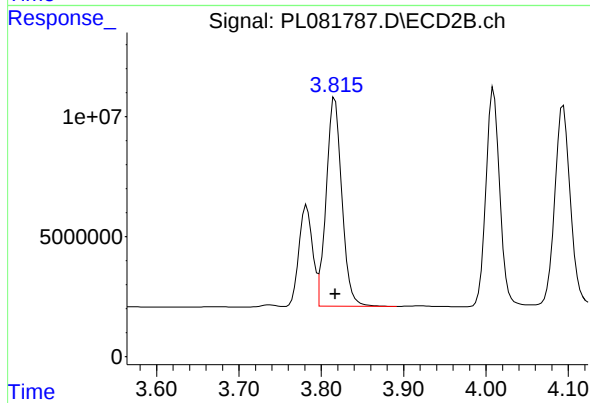
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 114944660
Conc: 41.28 ng/ml



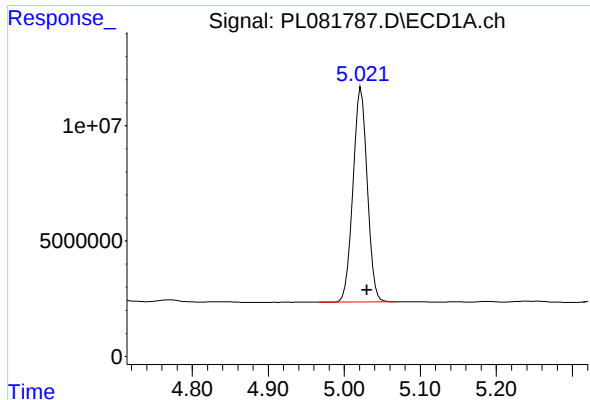
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.009 min
Response: 126422724
Conc: 40.11 ng/ml m



#4 Heptachlor

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 114937763
Conc: 40.09 ng/ml



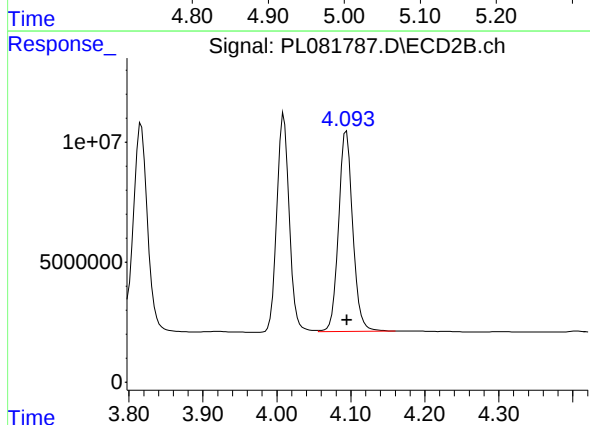
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.008 min
Response: 121958251
Conc: 42.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

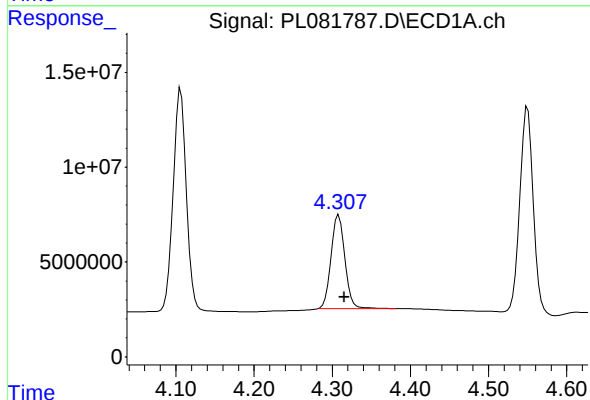
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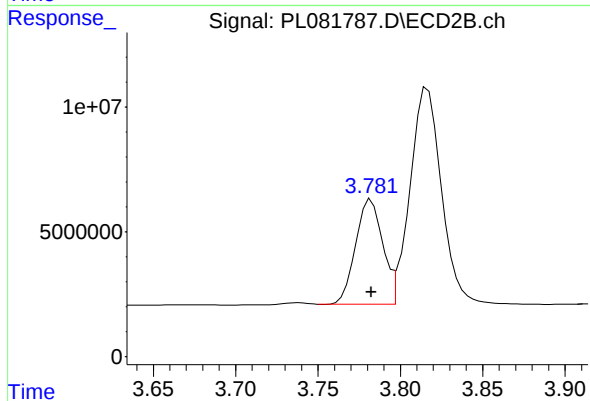
#5 Aldrin

R.T.: 4.094 min
Delta R.T.: 0.000 min
Response: 111312704
Conc: 41.78 ng/ml



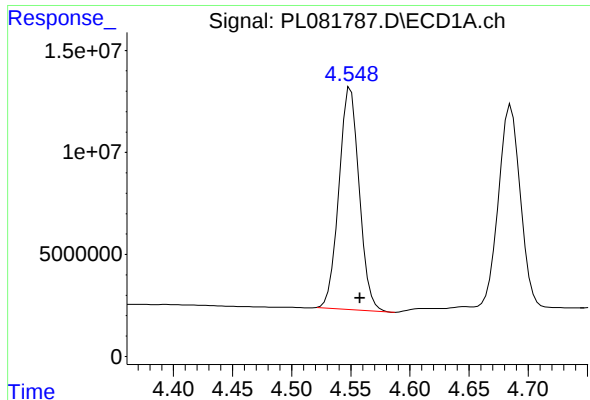
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: -0.007 min
Response: 60901570
Conc: 40.46 ng/ml



#6 beta-BHC

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 48054407
Conc: 40.35 ng/ml



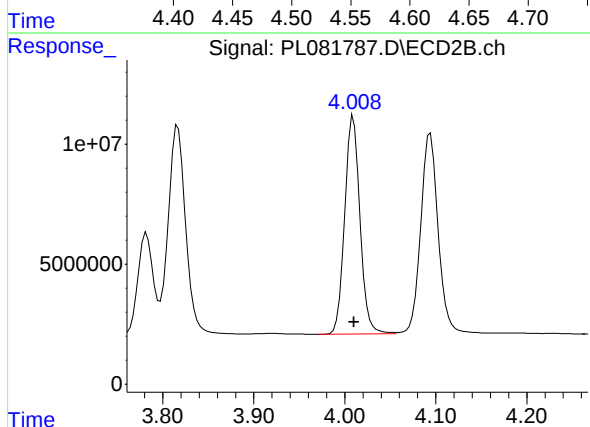
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: -0.008 min
Response: 129792506
Conc: 42.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

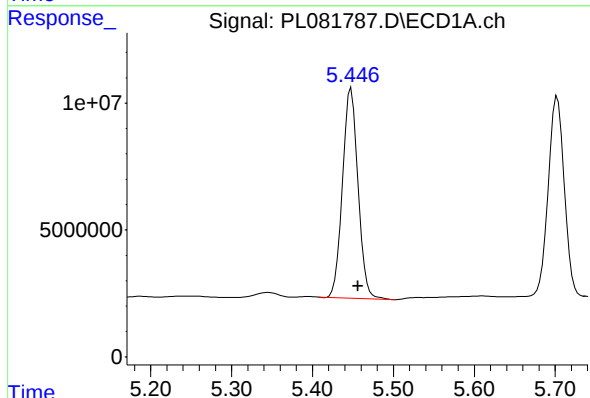
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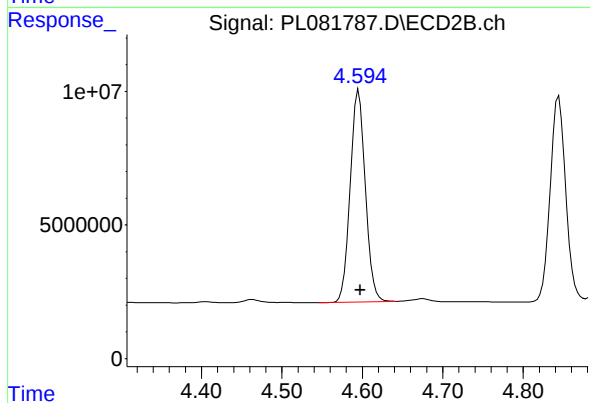
#7 delta-BHC

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 106415254
Conc: 41.15 ng/ml



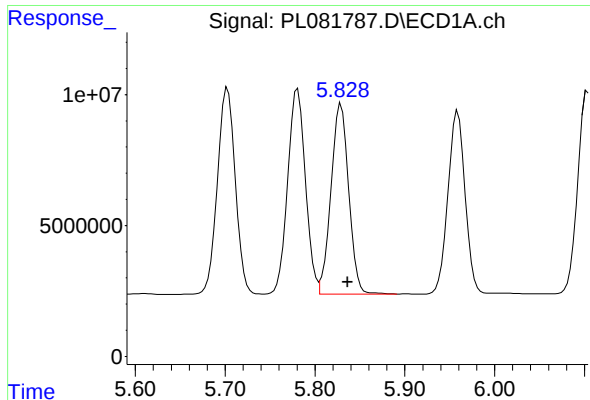
#8 Heptachlor epoxide

R.T.: 5.448 min
Delta R.T.: -0.008 min
Response: 110533517
Conc: 40.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 103461228
Conc: 42.60 ng/ml



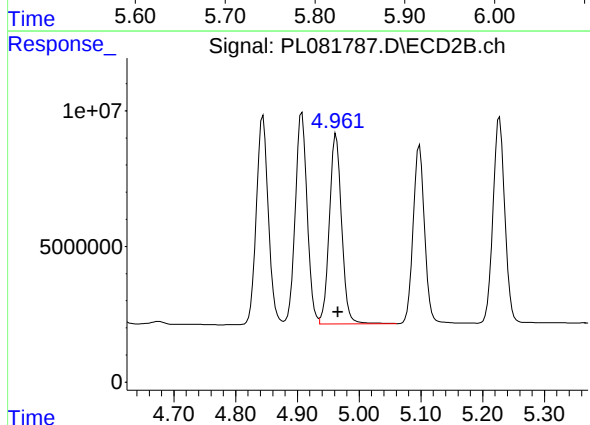
#9 Endosulfan I

R.T.: 5.829 min
Delta R.T.: -0.007 min
Response: 99776176
Conc: 40.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

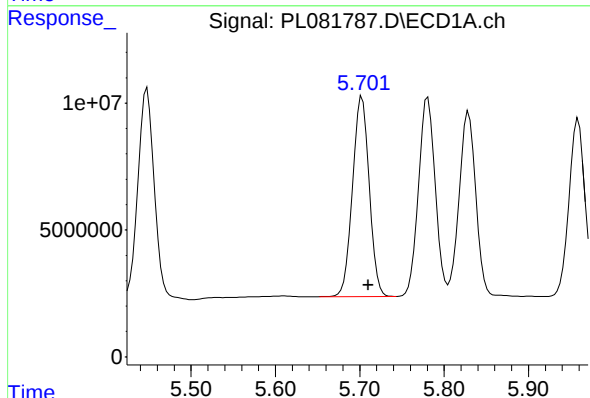
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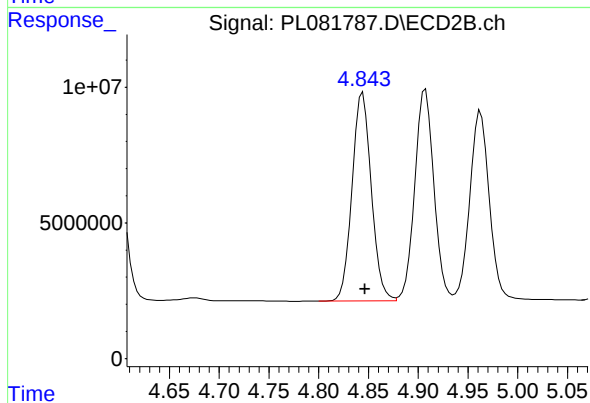
#9 Endosulfan I

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 96002920
Conc: 43.48 ng/ml



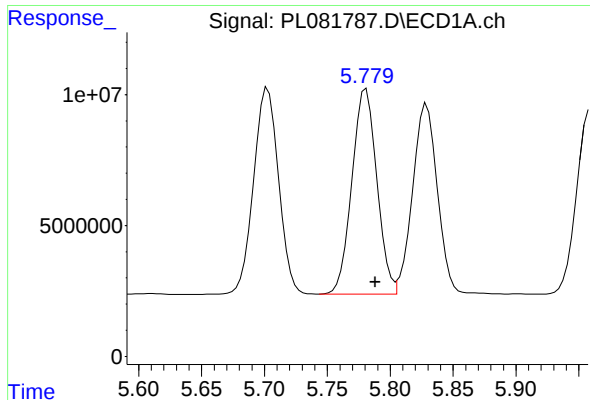
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.008 min
Response: 108928438
Conc: 41.49 ng/ml



#10 gamma-Chlordane

R.T.: 4.844 min
Delta R.T.: -0.002 min
Response: 103551462
Conc: 42.61 ng/ml



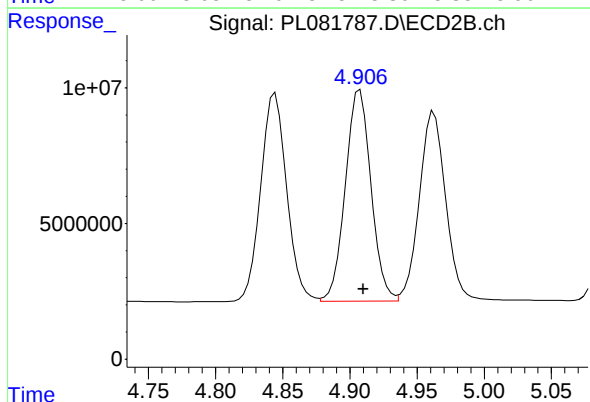
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 108073593
Conc: 41.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

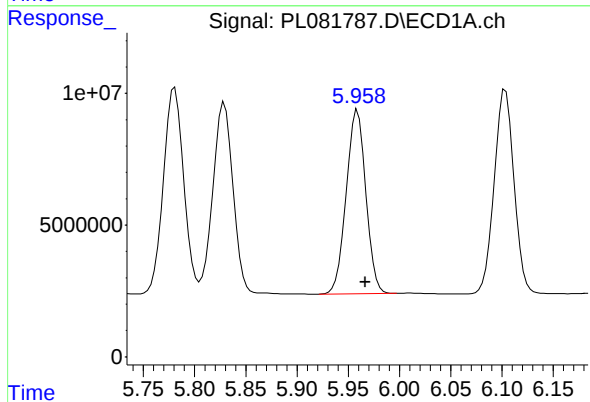
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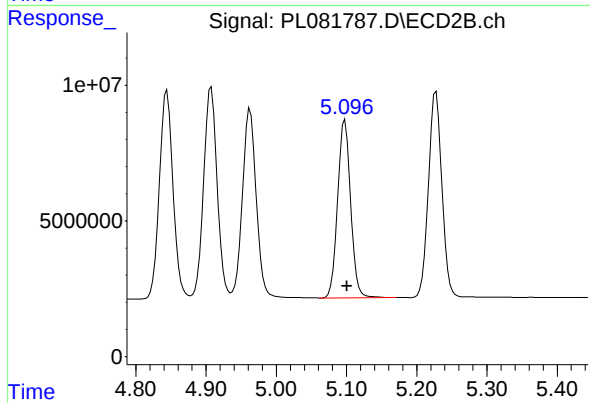
#11 alpha-Chlordane

R.T.: 4.907 min
Delta R.T.: -0.002 min
Response: 104339537
Conc: 42.96 ng/ml



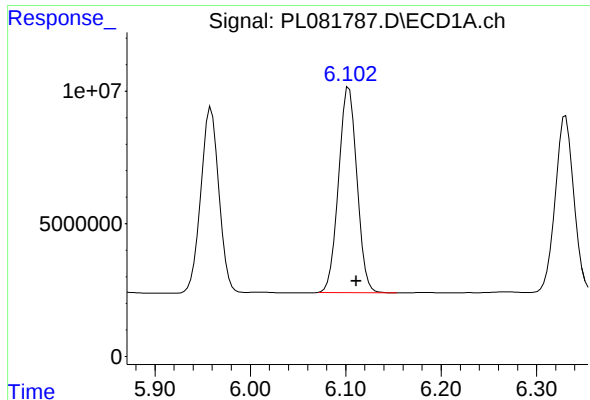
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 92586748
Conc: 41.08 ng/ml



#12 4,4'-DDE

R.T.: 5.098 min
Delta R.T.: -0.003 min
Response: 84304629
Conc: 42.80 ng/ml



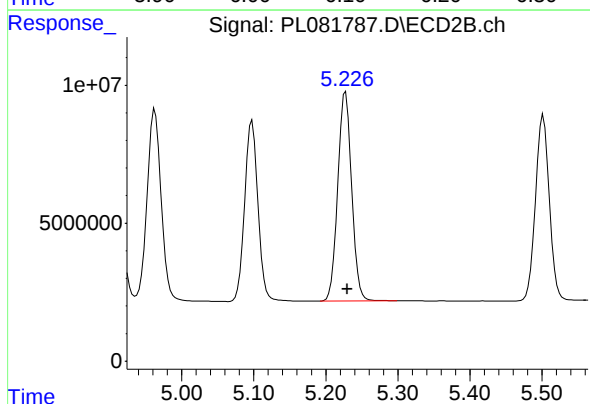
#13 Dieldrin

R.T.: 6.103 min
Delta R.T.: -0.008 min
Response: 103750211
Conc: 42.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

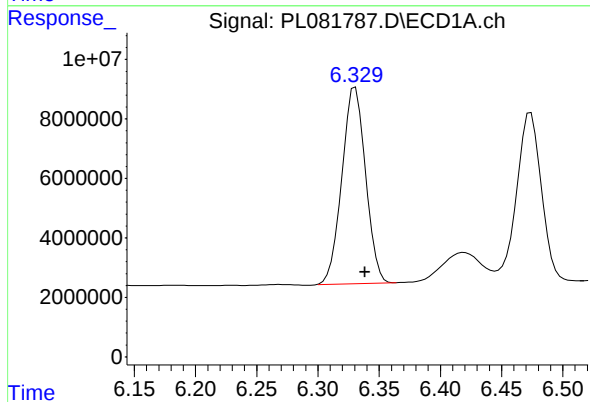
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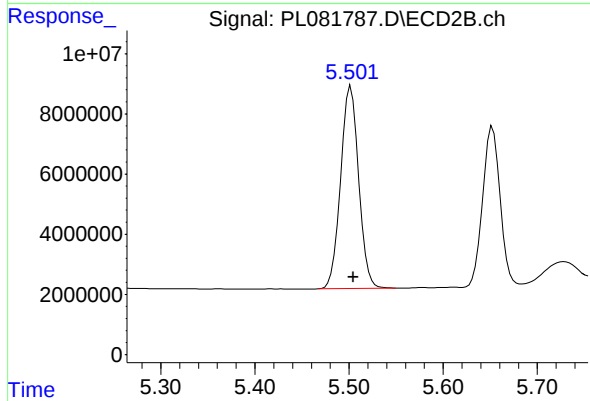
#13 Dieldrin

R.T.: 5.227 min
Delta R.T.: -0.002 min
Response: 101058883
Conc: 44.93 ng/ml



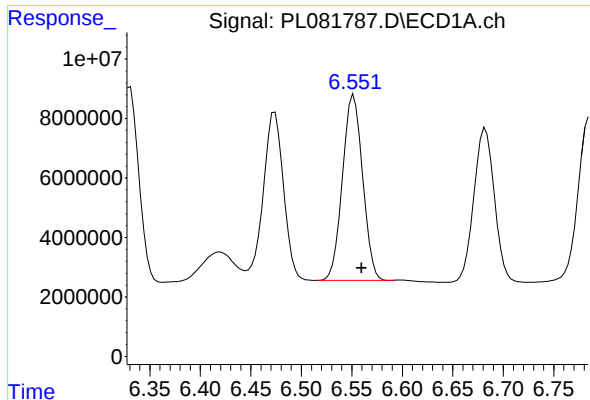
#14 Endrin

R.T.: 6.331 min
Delta R.T.: -0.008 min
Response: 88988013
Conc: 42.07 ng/ml



#14 Endrin

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 89700984
Conc: 44.32 ng/ml



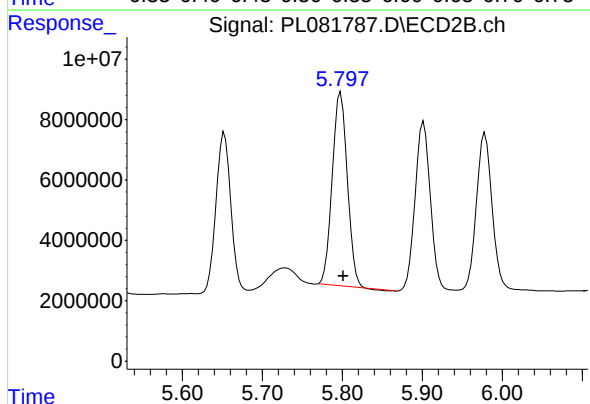
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: -0.008 min
Response: 86359842
Conc: 40.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

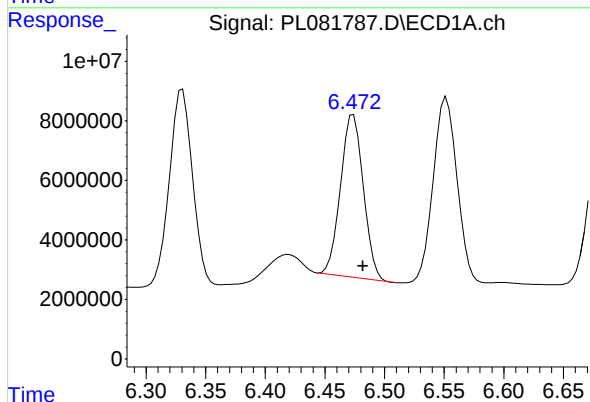
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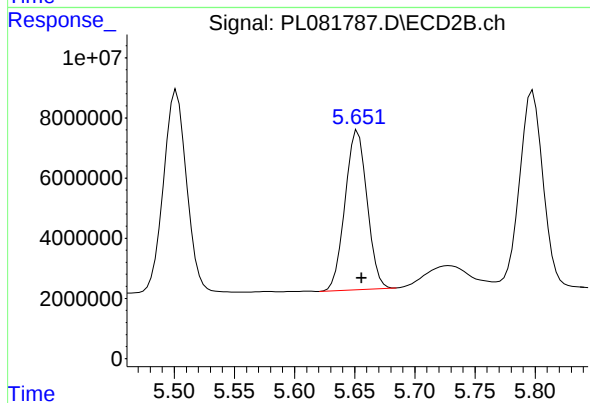
#15 Endosulfan II

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 84059053
Conc: 46.34 ng/ml



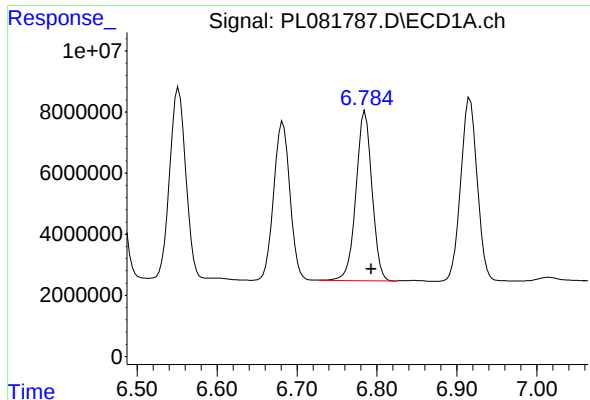
#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: -0.009 min
Response: 72639925
Conc: 40.28 ng/ml m



#16 4,4'-DDD

R.T.: 5.652 min
Delta R.T.: -0.003 min
Response: 67532750
Conc: 44.50 ng/ml



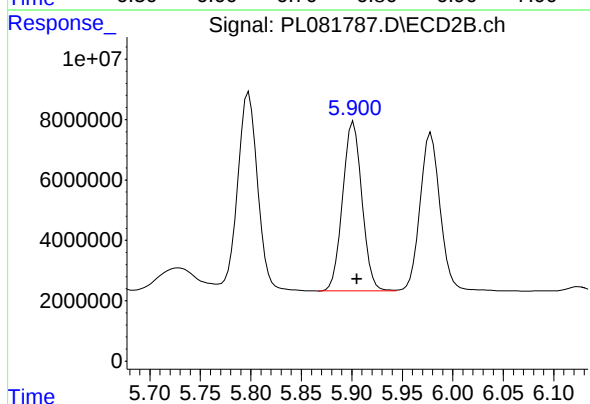
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: -0.008 min
Response: 77248099
Conc: 38.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

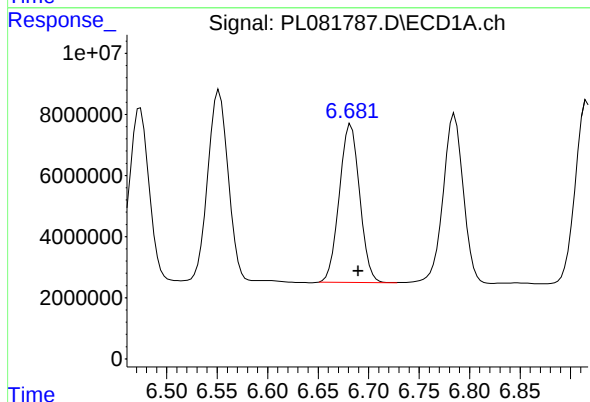
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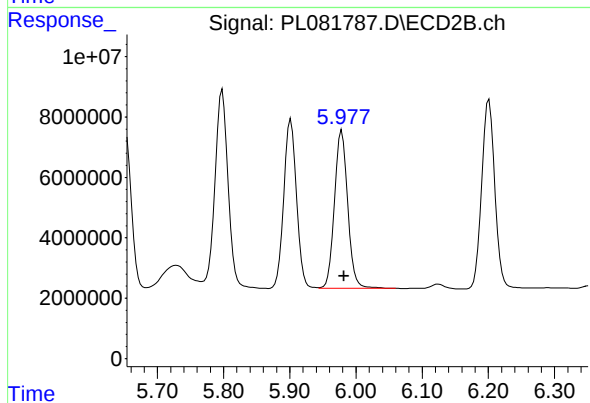
#17 4,4'-DDT

R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 74838788
Conc: 43.43 ng/ml



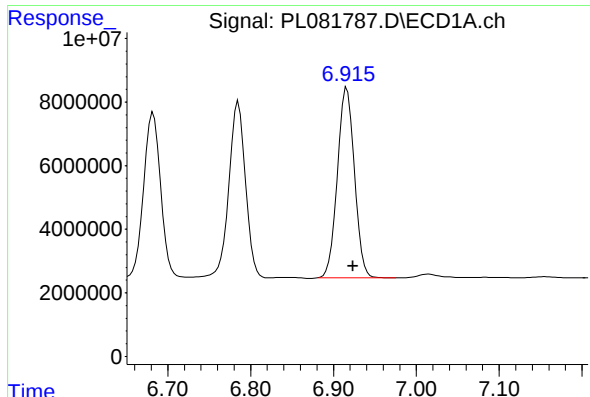
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.008 min
Response: 72930246
Conc: 44.58 ng/ml



#18 Endrin aldehyde

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 72364178
Conc: 46.60 ng/ml



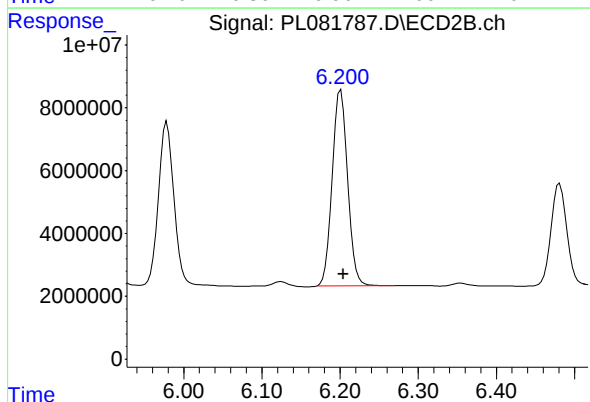
#19 Endosulfan Sulfate

R.T.: 6.916 min
Delta R.T.: -0.007 min
Response: 85605039
Conc: 41.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

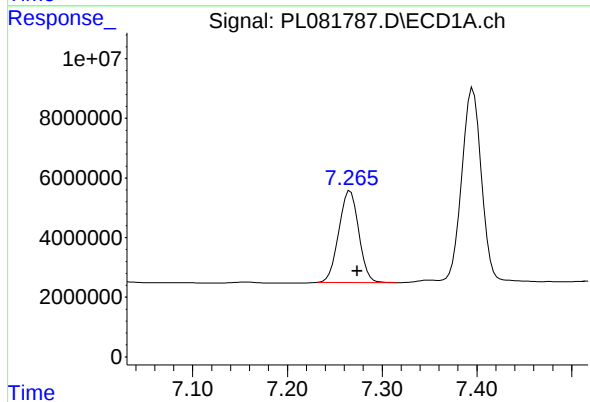
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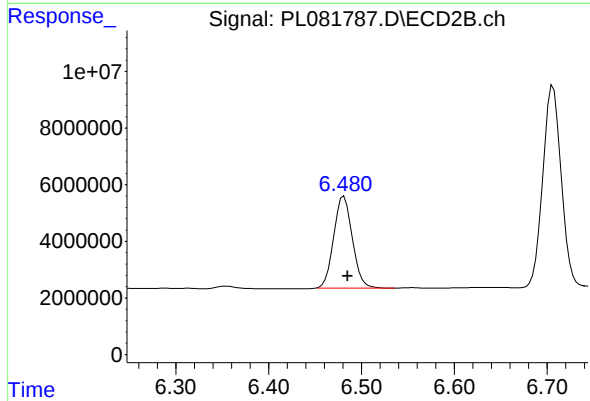
#19 Endosulfan Sulfate

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 85589314
Conc: 43.99 ng/ml



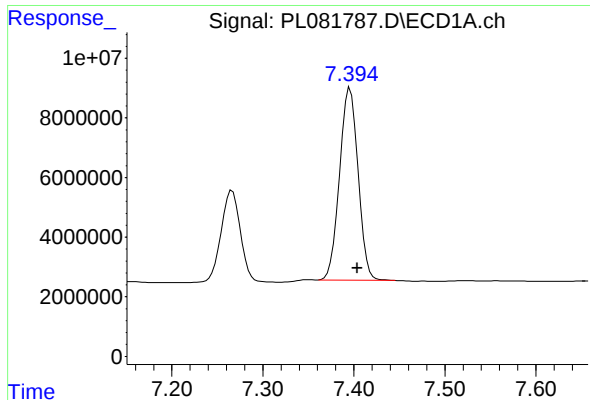
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.007 min
Response: 44798788
Conc: 41.60 ng/ml



#20 Methoxychlor

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 45256314
Conc: 45.44 ng/ml



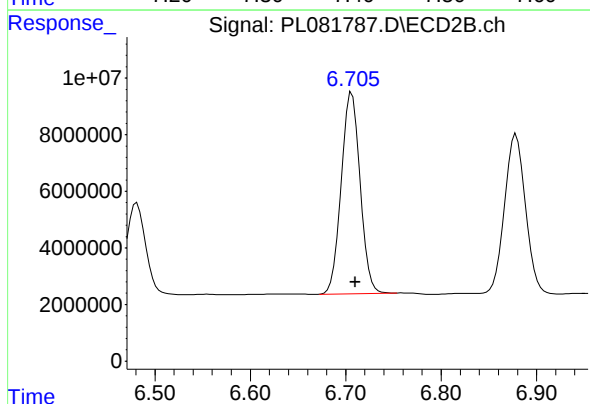
#21 Endrin ketone

R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 91546607
Conc: 43.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

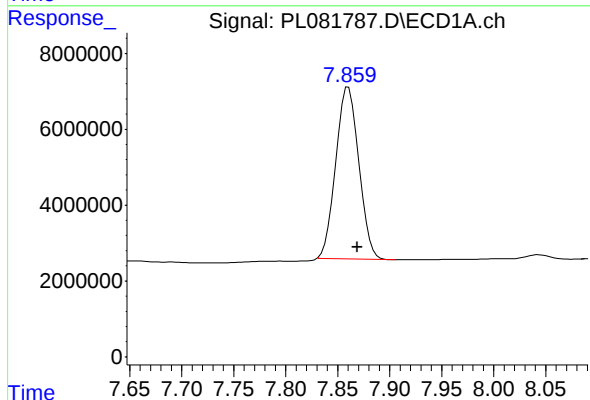
Manual Integrations
APPROVED

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



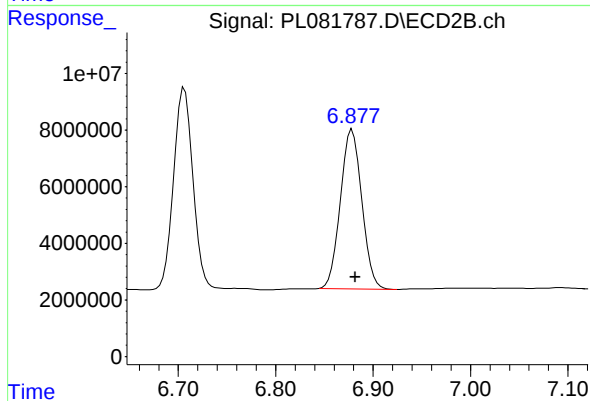
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 98021894
Conc: 45.87 ng/ml



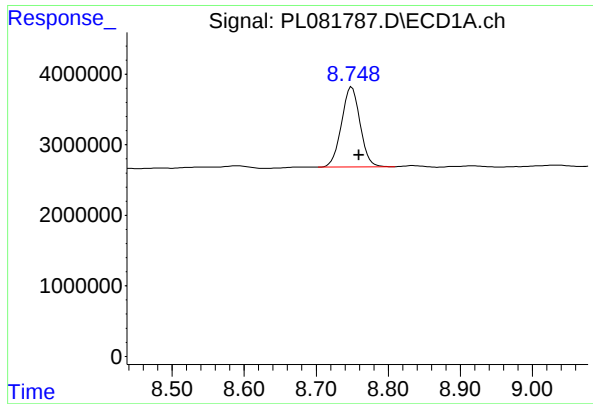
#22 Mirex

R.T.: 7.860 min
Delta R.T.: -0.008 min
Response: 69932395
Conc: 40.82 ng/ml



#22 Mirex

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 85991275
Conc: 44.79 ng/ml



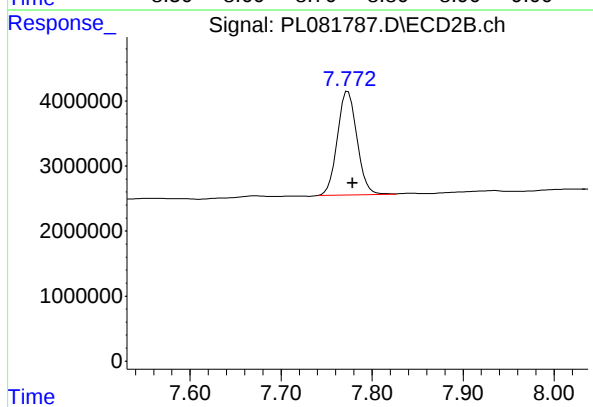
#28 Decachlorobiphenyl

R.T.: 8.749 min
Delta R.T.: -0.010 min
Response: 20266997
Conc: 11.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-8-032823MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: -0.005 min
Response: 23858506
Conc: 12.03 ng/ml