

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl032423\
 Data File : PL081711.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2023 15:42
 Operator : AR\AJ
 Sample : PB151657BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151657BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/27/2023
 Supervised By : Ankita Jodhani 03/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 21:25:19 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...	3.329	2.658	46490806	38363066	19.988	19.219
28)	SA Decachlor...	8.756	7.779	37182918	42739896	20.777	21.550
Target Compounds							
2)	A alpha-BHC	3.779	3.157	167.0E6	132.6E6	48.713	45.493
3)	MA gamma-BHC...	4.108	3.485	154.1E6	126.2E6	48.493	45.335
4)	MA Heptachlor	4.688	3.818	146.5E6	129.2E6	46.482	45.066
5)	MB Aldrin	5.025	4.096	139.6E6	121.8E6	48.811	45.700
6)	B beta-BHC	4.311	3.784	68388973	52383861	45.439	43.984
7)	B delta-BHC	4.552	4.011	147.5E6	117.9E6	48.523	45.590
8)	B Heptachlo...	5.451	4.596	133.5E6	113.4E6	49.082	46.700m
9)	A Endosulfan I	5.832	4.966	115.3E6	97971583	46.665	44.377
10)	B gamma-Chl...	5.706	4.847	128.7E6	113.9E6	49.039	46.876
11)	B alpha-Chl...	5.784	4.910	125.0E6	113.0E6	48.282	46.541
12)	B 4,4'-DDE	5.962	5.099	110.1E6	95367864	48.839	48.415m
13)	MA Dieldrin	6.107	5.230	118.7E6	108.3E6	49.021	48.158
14)	MA Endrin	6.334	5.505	99588474	100.6E6	47.082	49.692
15)	B Endosulfa...	6.556	5.801	97617293	89684574	46.000	49.439
16)	A 4,4'-DDD	6.478	5.656	94382070	80684661	52.333	53.168
17)	MA 4,4'-DDT	6.790	5.905	93900112	79905792	46.265	46.369
18)	B Endrin al...	6.686	5.982	80082041	73108650	48.947	47.076
19)	B Endosulfa...	6.921	6.205	100.5E6	94592505	48.235	48.616
20)	A Methoxychlor	7.270	6.485	44134778	45550434	40.983	45.732
21)	B Endrin ke...	7.400	6.710	102.5E6	113.5E6	48.940	53.094
22)	Mirex	7.866	6.883	81211012	90342617	47.401	47.060

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl032423\
Data File : PL081711.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2023 15:42
Operator : AR\AJ
Sample : PB151657BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

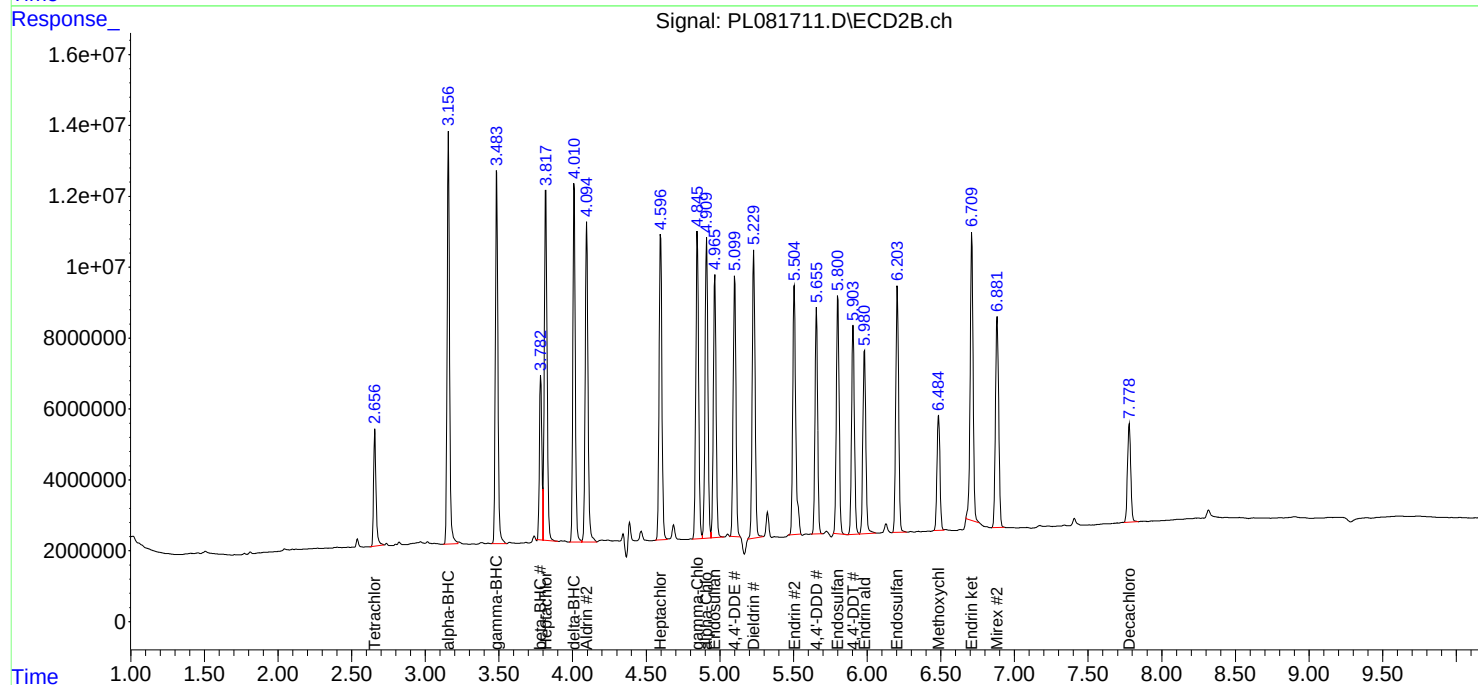
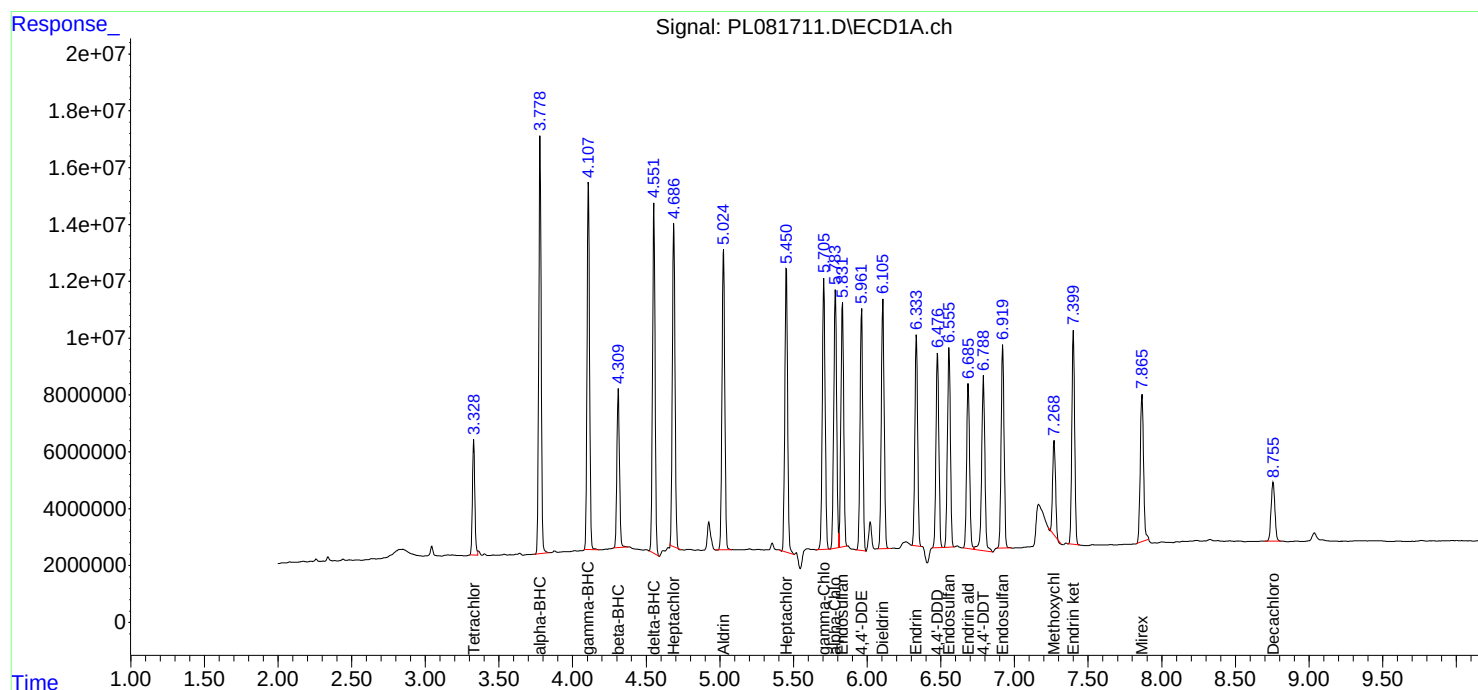
Instrument :
ECD_L
ClientSampleId :
PB151657BS

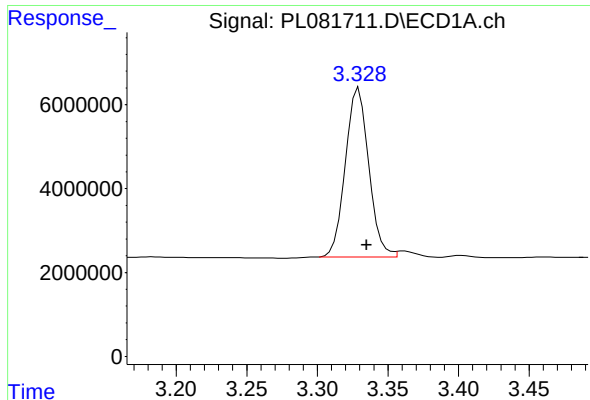
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 21:25:19 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





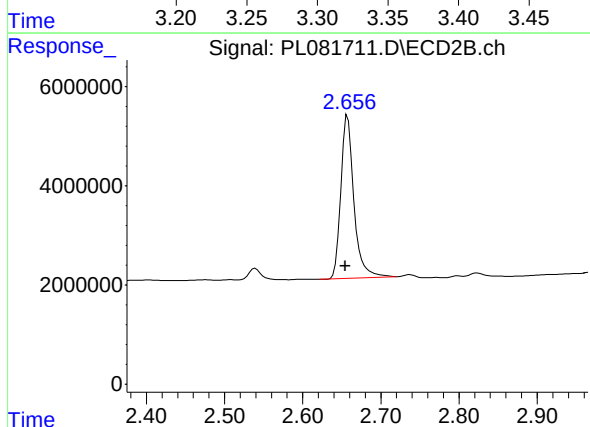
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 46490806
Conc: 19.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

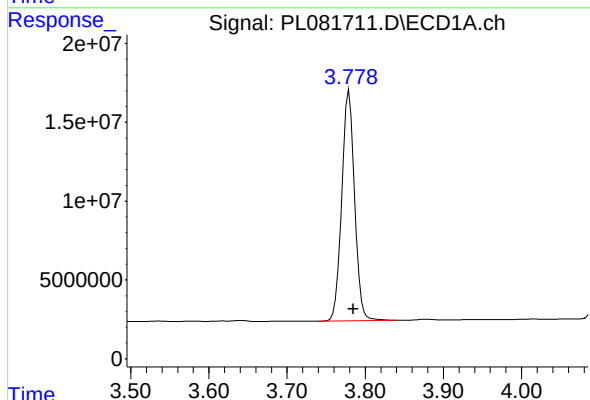
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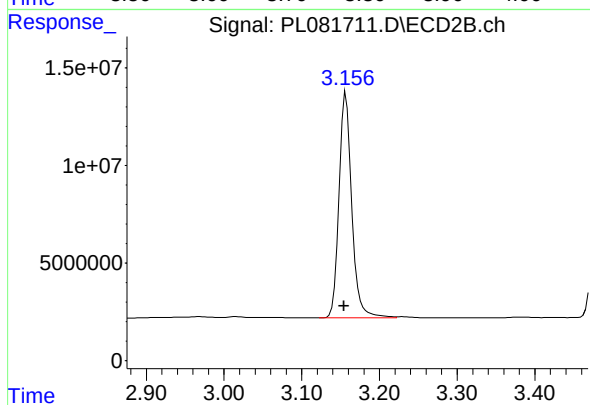
#1 Tetrachloro-m-xylene

R.T.: 2.658 min
Delta R.T.: 0.003 min
Response: 38363066
Conc: 19.22 ng/ml



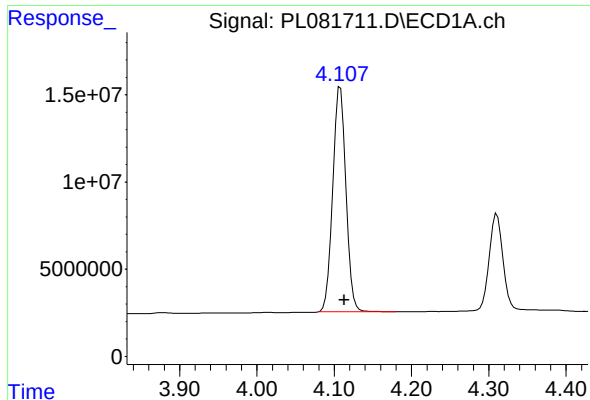
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.005 min
Response: 167005379
Conc: 48.71 ng/ml



#2 alpha-BHC

R.T.: 3.157 min
Delta R.T.: 0.002 min
Response: 132611410
Conc: 45.49 ng/ml



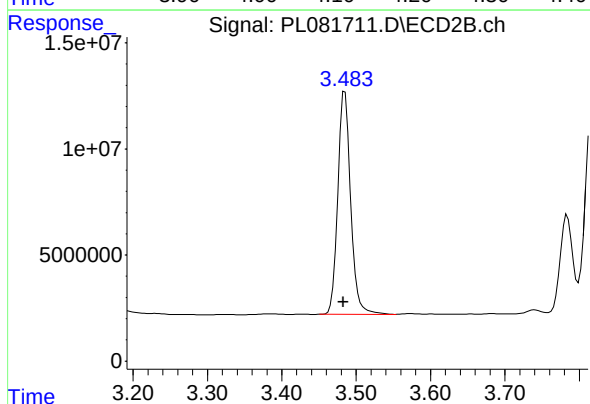
#3 gamma-BHC (Lindane)

R.T.: 4.108 min
Delta R.T.: -0.005 min
Response: 154055573
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

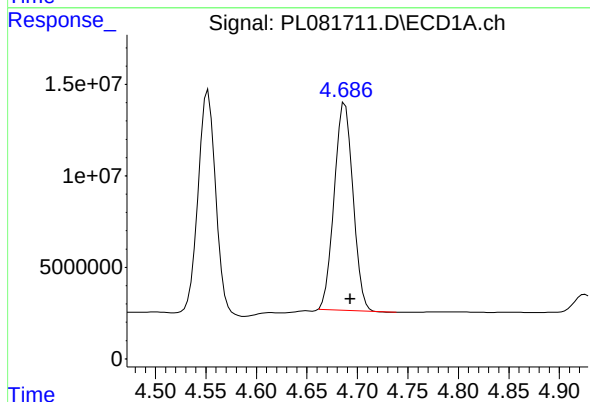
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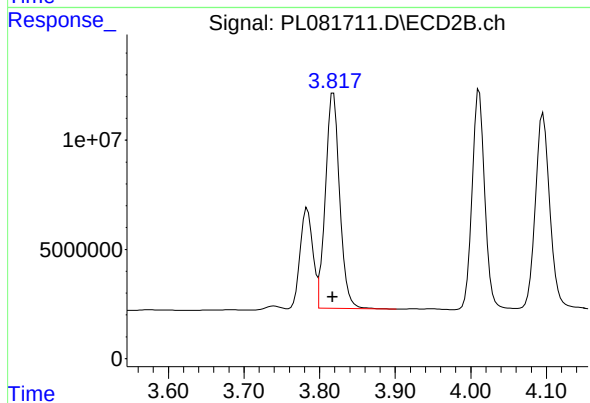
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.002 min
Response: 126221633
Conc: 45.33 ng/ml



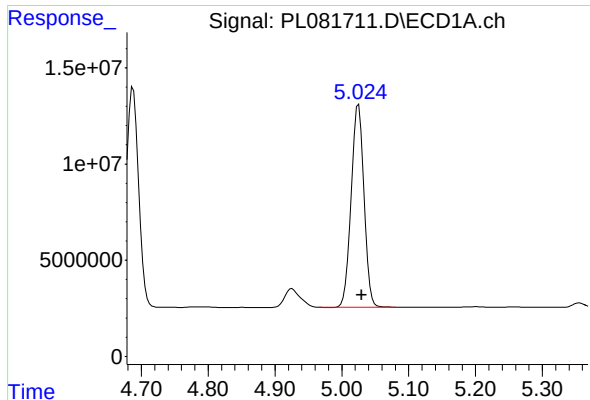
#4 Heptachlor

R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 146518132
Conc: 46.48 ng/ml



#4 Heptachlor

R.T.: 3.818 min
Delta R.T.: 0.001 min
Response: 129202588
Conc: 45.07 ng/ml



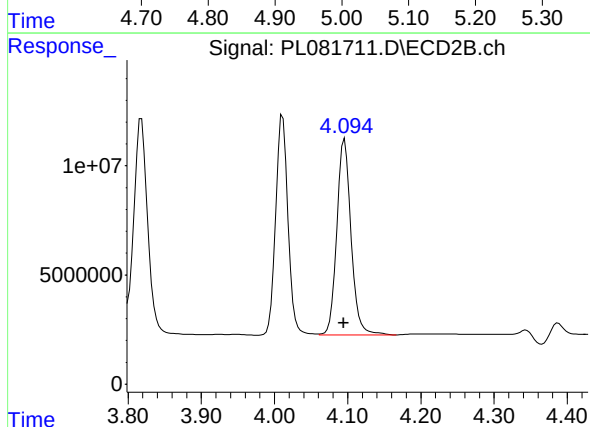
#5 Aldrin

R.T.: 5.025 min
Delta R.T.: -0.005 min
Response: 139613022
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

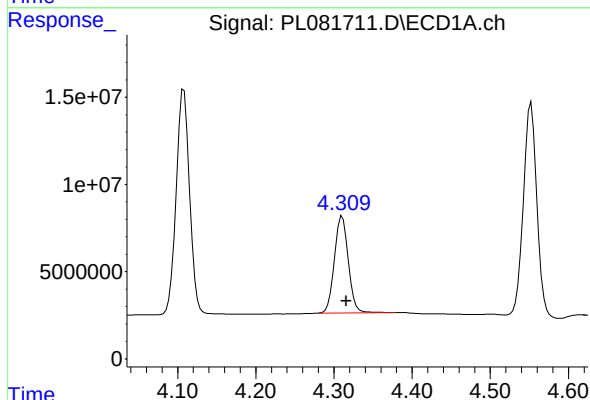
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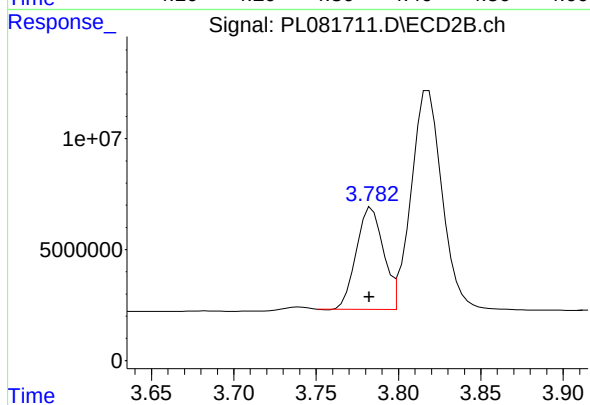
#5 Aldrin

R.T.: 4.096 min
Delta R.T.: 0.001 min
Response: 121766093
Conc: 45.70 ng/ml



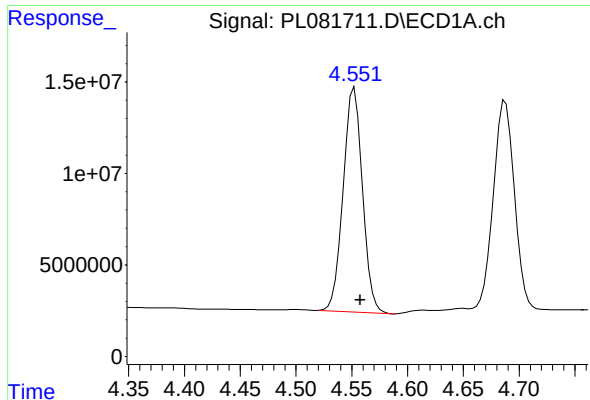
#6 beta-BHC

R.T.: 4.311 min
Delta R.T.: -0.005 min
Response: 68388973
Conc: 45.44 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 52383861
Conc: 43.98 ng/ml



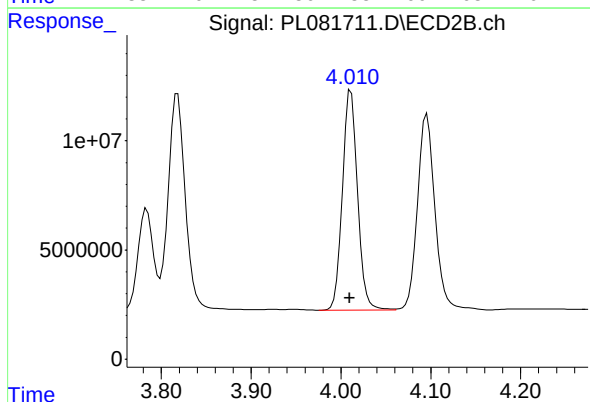
#7 delta-BHC

R.T.: 4.552 min
Delta R.T.: -0.005 min
Response: 147472094
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

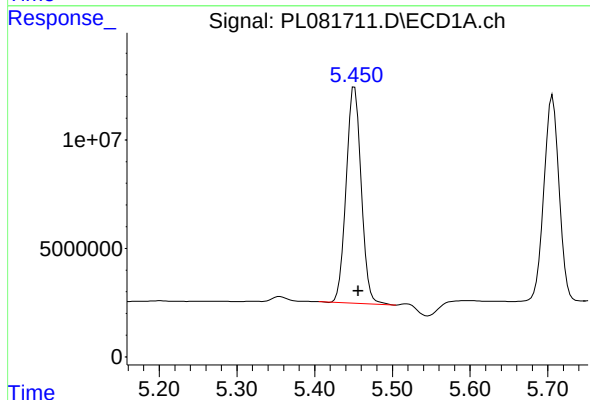
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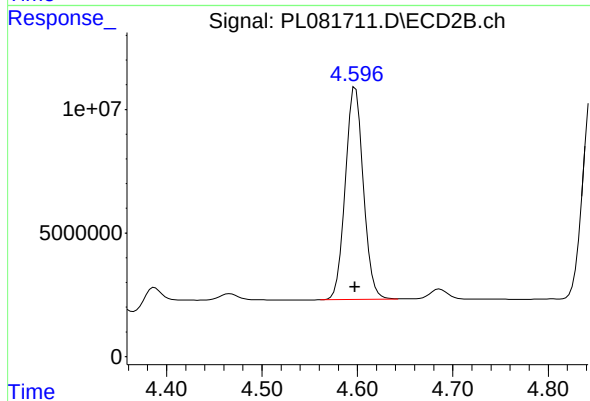
#7 delta-BHC

R.T.: 4.011 min
Delta R.T.: 0.001 min
Response: 117900852
Conc: 45.59 ng/ml



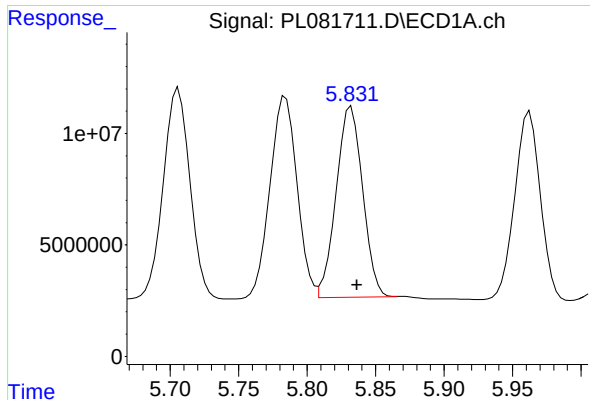
#8 Heptachlor epoxide

R.T.: 5.451 min
Delta R.T.: -0.005 min
Response: 133503589
Conc: 49.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 113423335
Conc: 46.70 ng/ml m



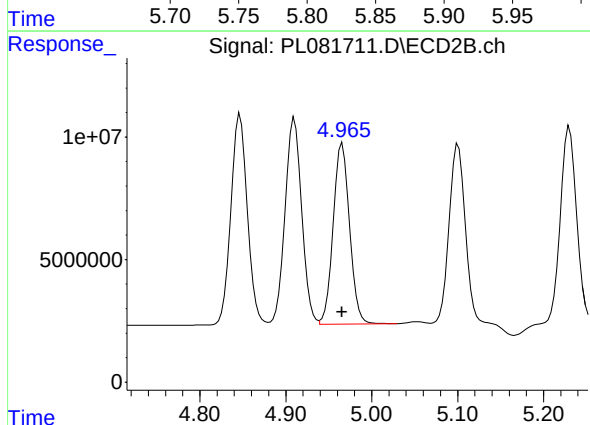
#9 Endosulfan I

R.T.: 5.832 min
Delta R.T.: -0.004 min
Response: 115300208
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

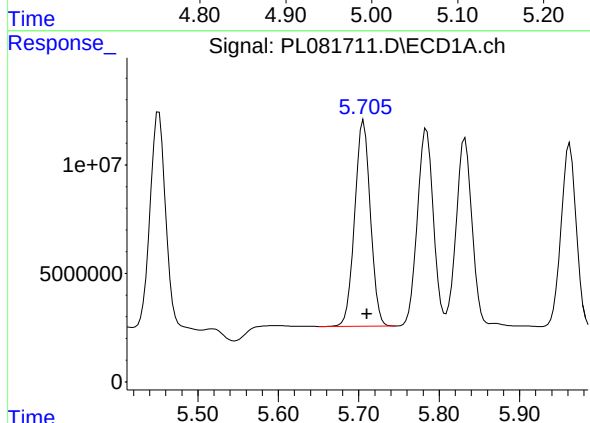
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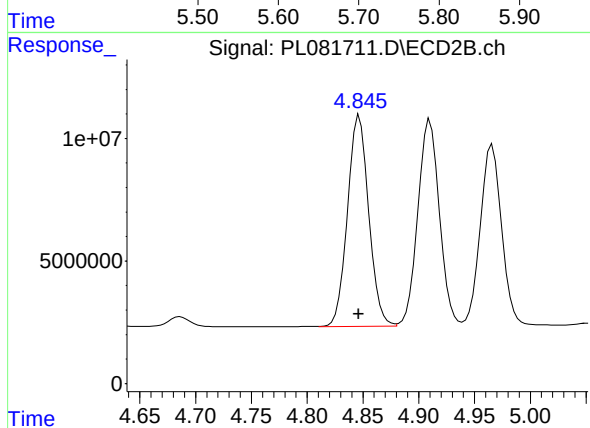
#9 Endosulfan I

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 97971583
Conc: 44.38 ng/ml



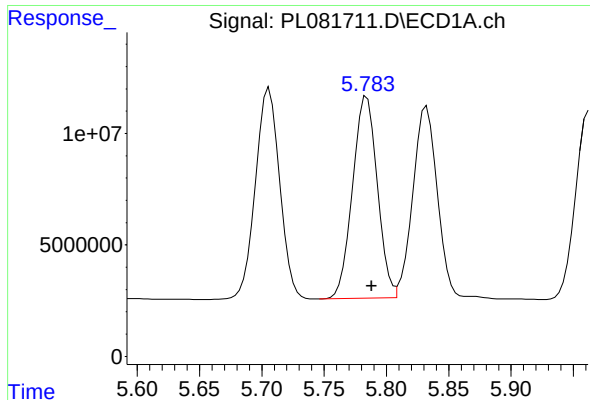
#10 gamma-Chlordane

R.T.: 5.706 min
Delta R.T.: -0.004 min
Response: 128737369
Conc: 49.04 ng/ml



#10 gamma-Chlordane

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 113926109
Conc: 46.88 ng/ml



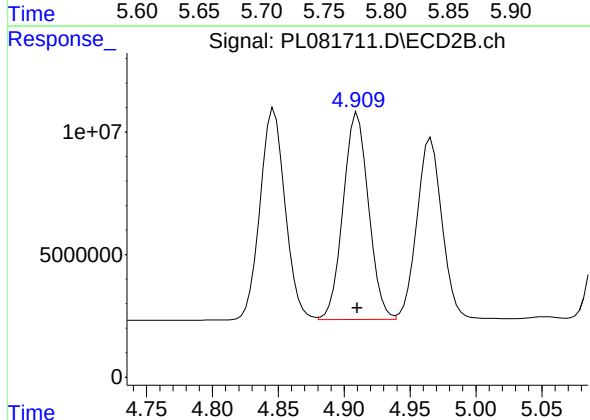
#11 alpha-Chlordane

R.T.: 5.784 min
Delta R.T.: -0.004 min
Response: 124974423
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

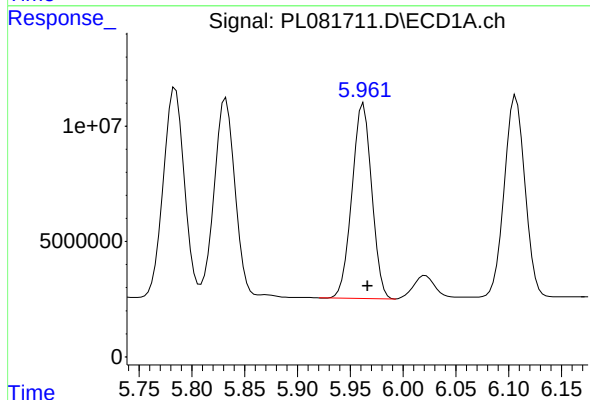
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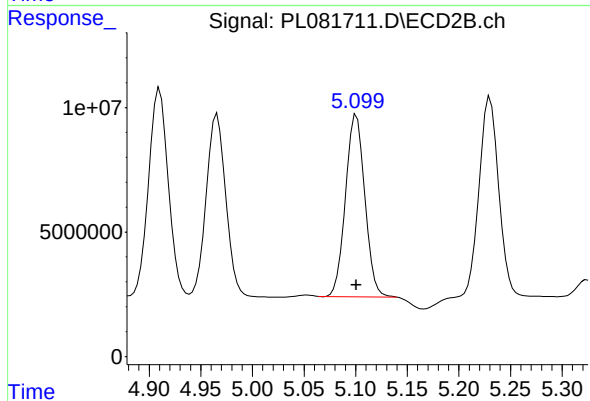
#11 alpha-Chlordane

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 113046105
Conc: 46.54 ng/ml



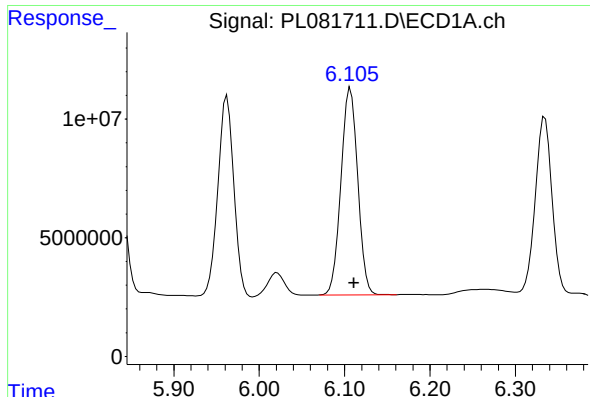
#12 4,4'-DDE

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 110066108
Conc: 48.84 ng/ml



#12 4,4'-DDE

R.T.: 5.099 min
Delta R.T.: -0.001 min
Response: 95367864
Conc: 48.42 ng/ml m



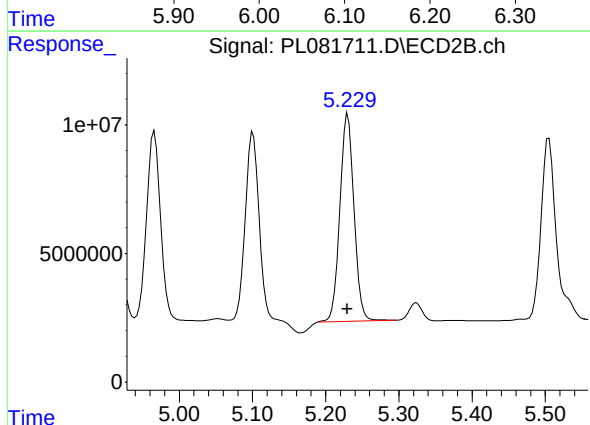
#13 Dieldrin

R.T.: 6.107 min
Delta R.T.: -0.004 min
Response: 118677498
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

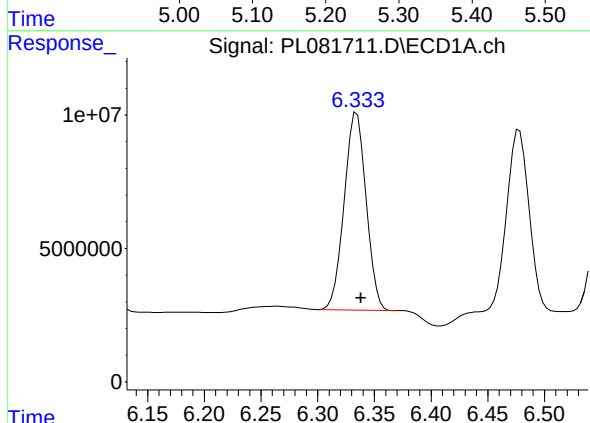
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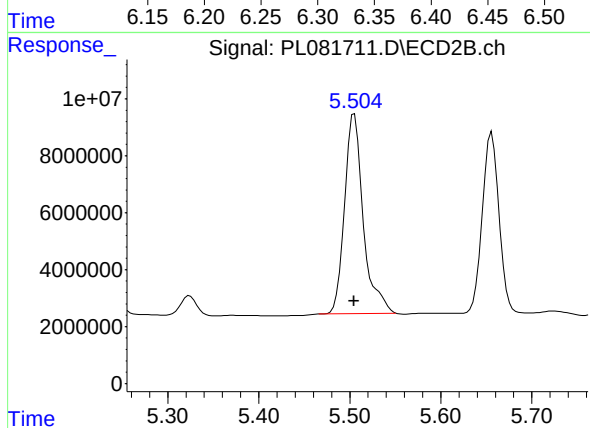
#13 Dieldrin

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 108327428
Conc: 48.16 ng/ml



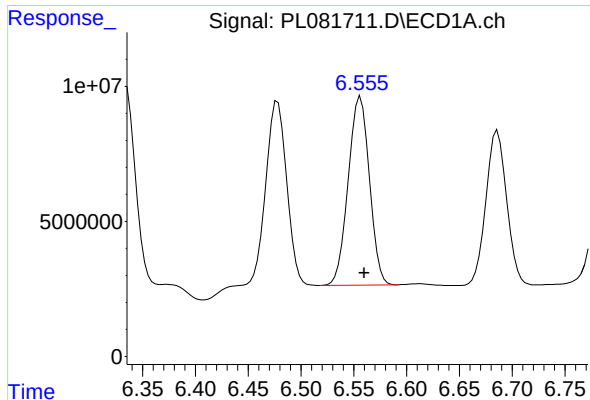
#14 Endrin

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 99588474
Conc: 47.08 ng/ml



#14 Endrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 100561837
Conc: 49.69 ng/ml



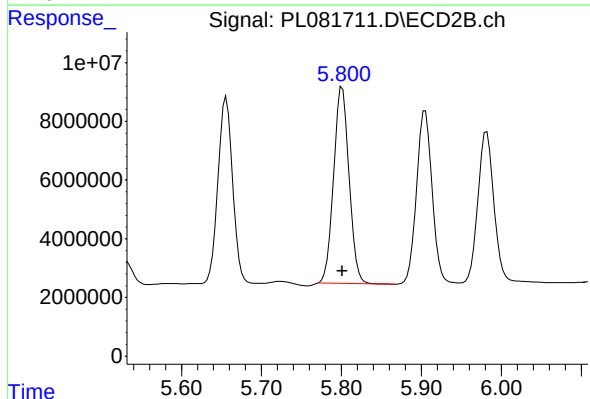
#15 Endosulfan II

R.T.: 6.556 min
Delta R.T.: -0.003 min
Response: 97617293
Conc: 46.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

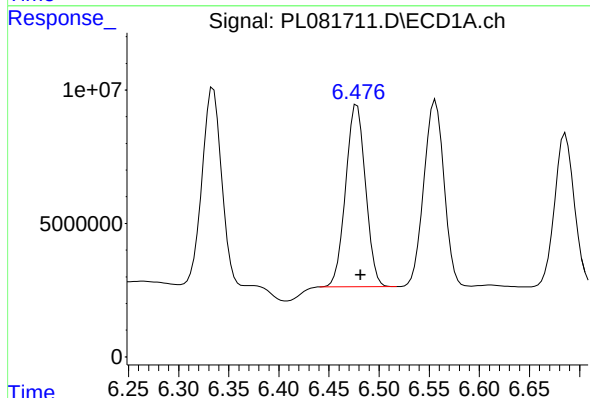
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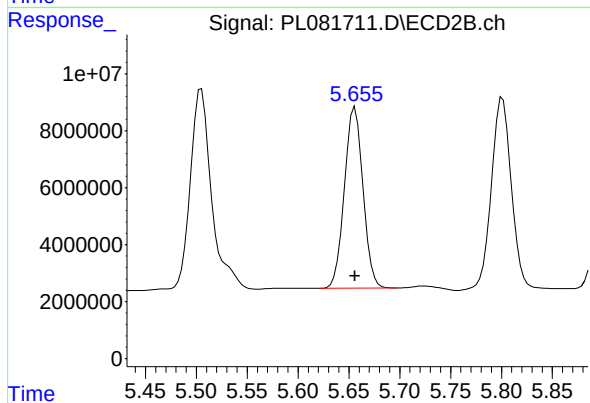
#15 Endosulfan II

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 89684574
Conc: 49.44 ng/ml



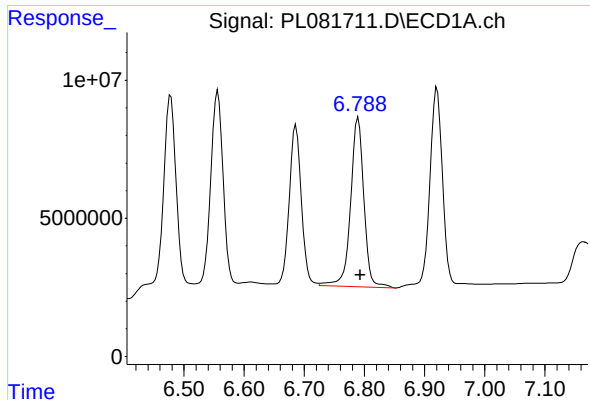
#16 4,4'-DDD

R.T.: 6.478 min
Delta R.T.: -0.004 min
Response: 94382070
Conc: 52.33 ng/ml



#16 4,4'-DDD

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 80684661
Conc: 53.17 ng/ml



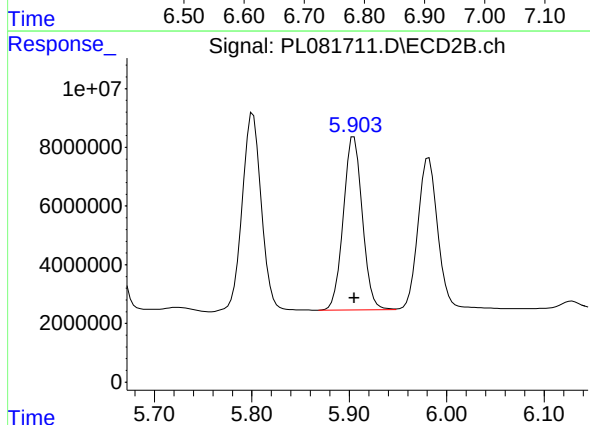
#17 4,4'-DDT

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 93900112
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

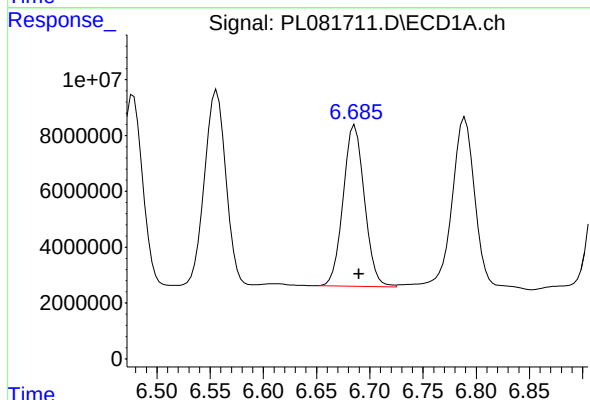
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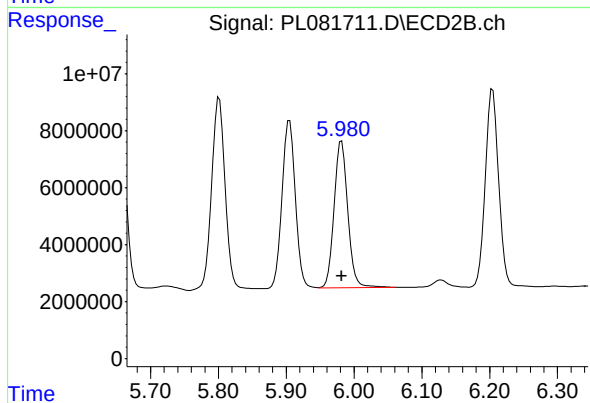
#17 4,4'-DDT

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 79905792
Conc: 46.37 ng/ml



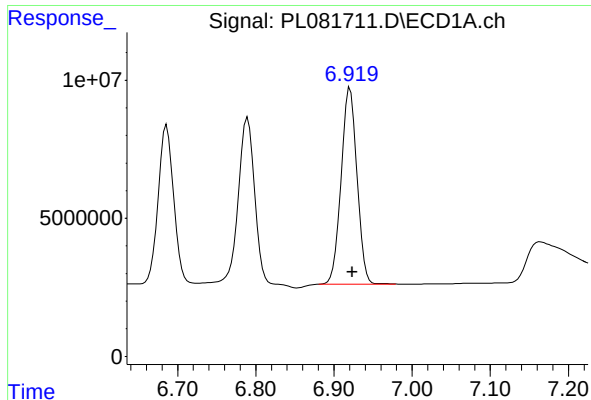
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 80082041
Conc: 48.95 ng/ml



#18 Endrin aldehyde

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 73108650
Conc: 47.08 ng/ml



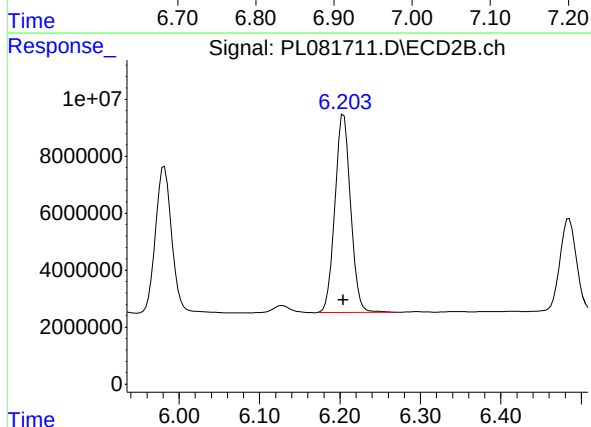
#19 Endosulfan Sulfate

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 100523210
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

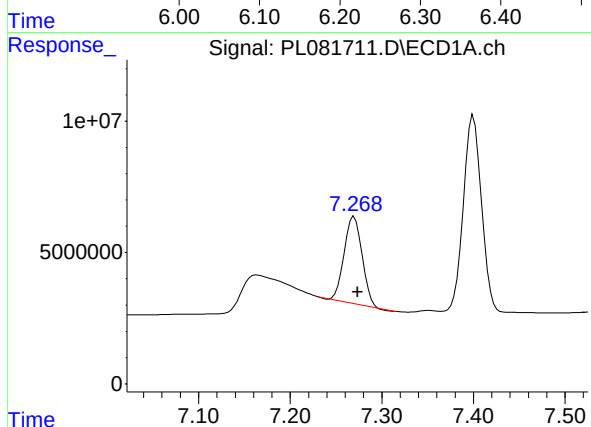
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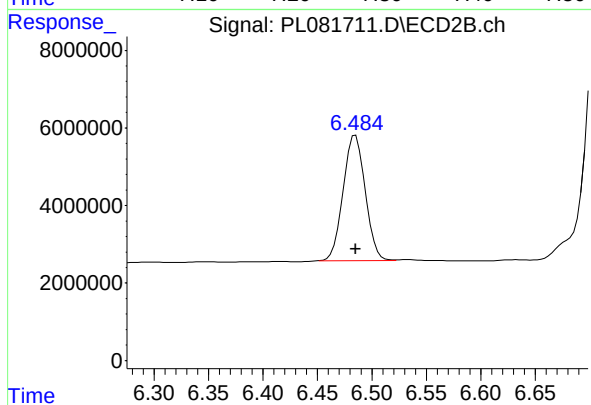
#19 Endosulfan Sulfate

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 94592505
Conc: 48.62 ng/ml



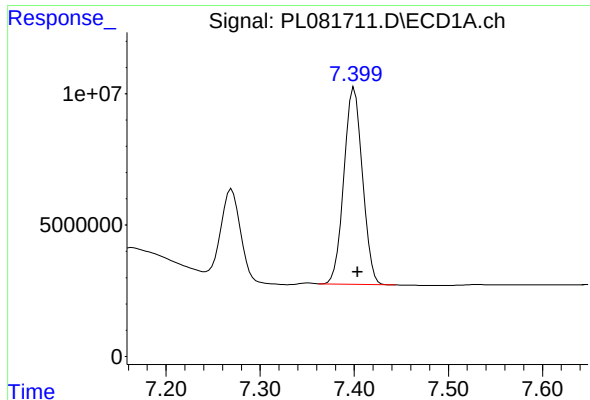
#20 Methoxychlor

R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 44134778
Conc: 40.98 ng/ml



#20 Methoxychlor

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 45550434
Conc: 45.73 ng/ml



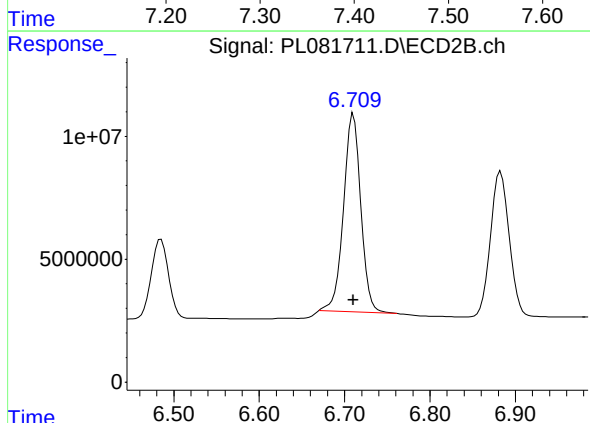
#21 Endrin ketone

R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 102512243
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

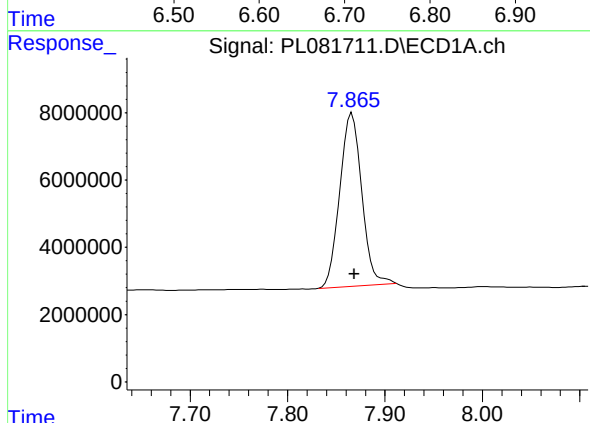
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Supervised By :Ankita Jodhani 03/27/2023



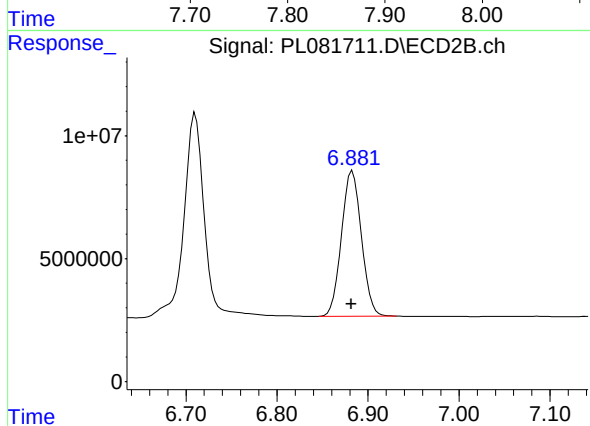
#21 Endrin ketone

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 113461127
Conc: 53.09 ng/ml



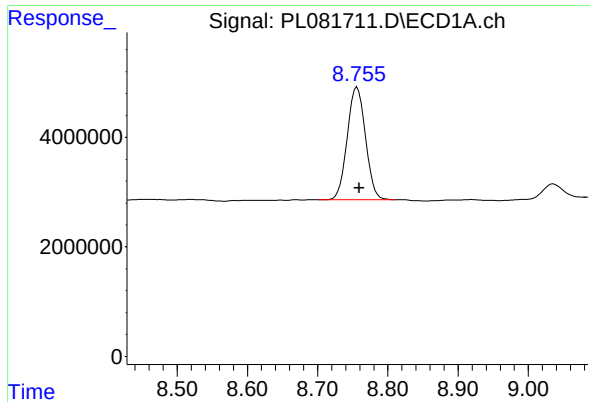
#22 Mirex

R.T.: 7.866 min
Delta R.T.: -0.002 min
Response: 81211012
Conc: 47.40 ng/ml



#22 Mirex

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 90342617
Conc: 47.06 ng/ml



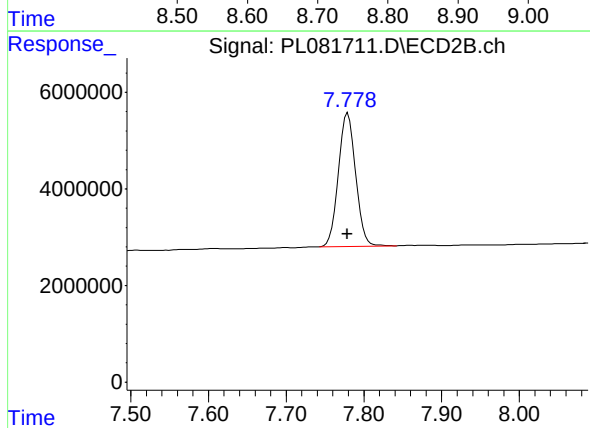
#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.003 min
Response: 37182918
Conc: 20.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151657BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2023
Supervised By :Ankita Jodhani 03/27/2023



#28 Decachlorobiphenyl

R.T.: 7.779 min
Delta R.T.: 0.000 min
Response: 42739896
Conc: 21.55 ng/ml