

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
 Data File : PL081527.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2023 22:18
 Operator : AR\AJ
 Sample : 01944-01MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/17/2023
 Supervised By :Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 00:38:16 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	2.661	32128182	28581151	14.870	14.122
28)	SA Decachlor...	8.754	7.782	21200836	25591561	13.906	13.360
Target Compounds							
2)	A alpha-BHC	3.780	3.161	132.9E6	119.3E6	41.764	40.724
3)	MA gamma-BHC...	4.107	3.489	130.7E6	123.2E6	44.178m	44.790
4)	MA Heptachlor	4.688	3.822	118.0E6	114.8E6	42.753	41.618
5)	MB Aldrin	5.025	4.100	117.6E6	113.3E6	46.211	43.224
6)	B beta-BHC	4.311	3.788	60290051	49263028	43.800	42.445
7)	B delta-BHC	4.553	4.015	101.9E6	92824103	36.668	36.450
8)	B Heptachlo...	5.452	4.602	106.3E6	108.0E6	45.025	44.644
9)	A Endosulfan I	5.833	4.970	97344315	88461871	46.075	39.079
10)	B gamma-Chl...	5.706	4.851	110.7E6	106.7E6	48.528	43.591
11)	B alpha-Chl...	5.784	4.914	107.1E6	107.6E6	47.535	43.963
12)	B 4,4'-DDE	5.963	5.104	83323930	91478078	42.586	46.605m
13)	MA Dieldrin	6.105	5.234	99500036	105.2E6	47.540m	46.684
14)	MA Endrin	6.334	5.509	80052776	87044147	44.046	43.313
15)	B Endosulfa...	6.555	5.804	84118370	89928959	48.247	48.776m
16)	A 4,4'-DDD	6.477	5.658	74660517	75088672	48.501	48.946m
17)	MA 4,4'-DDT	6.789	5.908	69867298	73761797	44.016	45.977
18)	B Endrin al...	6.684	5.985	67885809	70067646	47.428m	46.248
19)	B Endosulfa...	6.920	6.207	78916470	83999339	43.952	43.703m
20)	A Methoxychlor	7.269	6.489	38786992	40063997	45.030	43.168
21)	B Endrin ke...	7.398	6.712	92015536	101.4E6	50.725m	47.099m
22)	Mirex	7.865	6.886	68094701	82472004	46.669	42.851

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
Data File : PL081527.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2023 22:18
Operator : AR\AJ
Sample : 01944-01MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

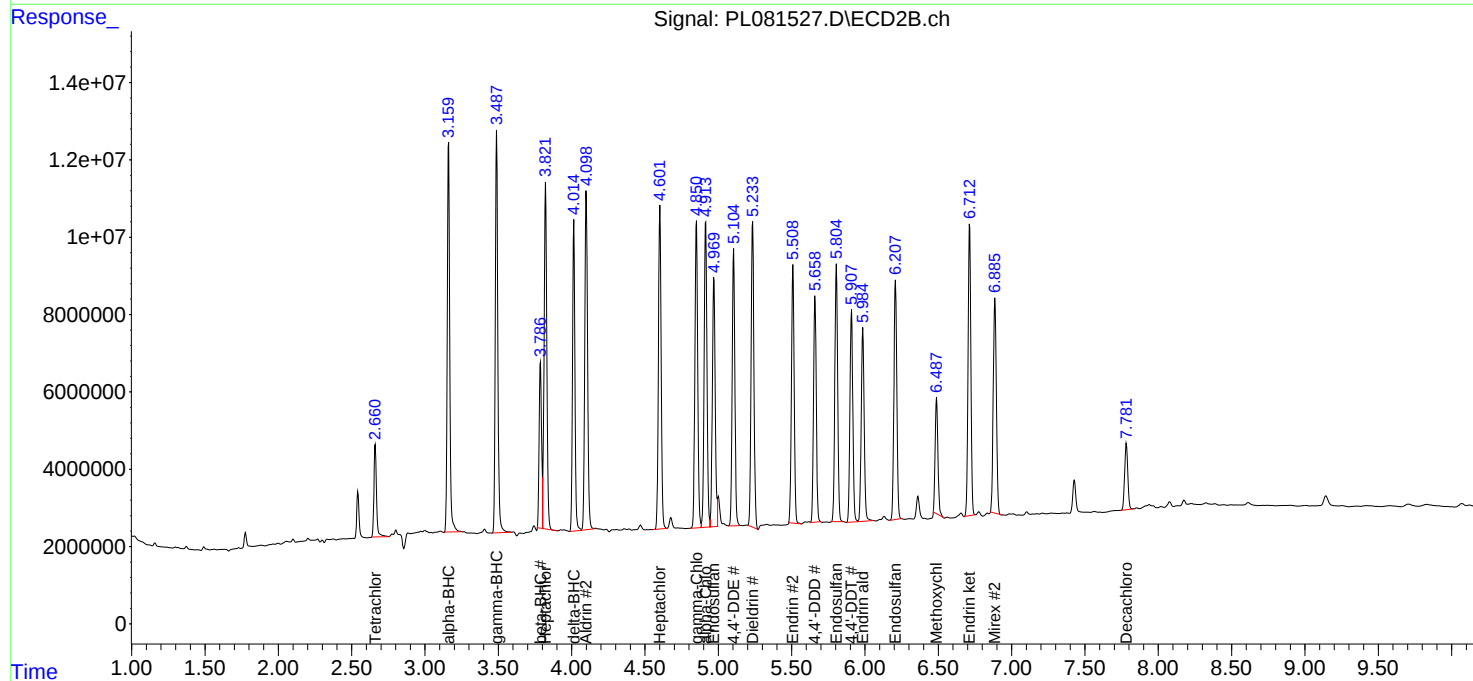
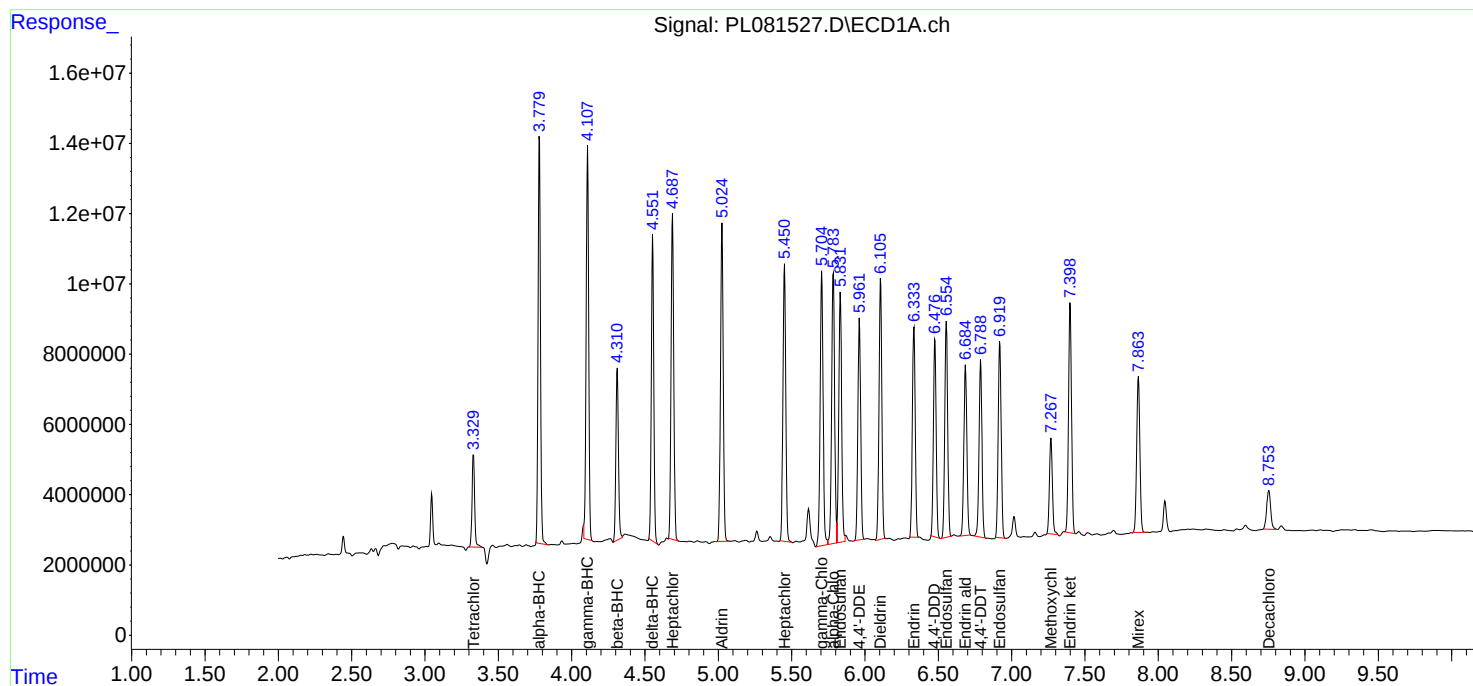
Instrument :
ECD_L
ClientSampleId :
MC-1MSD

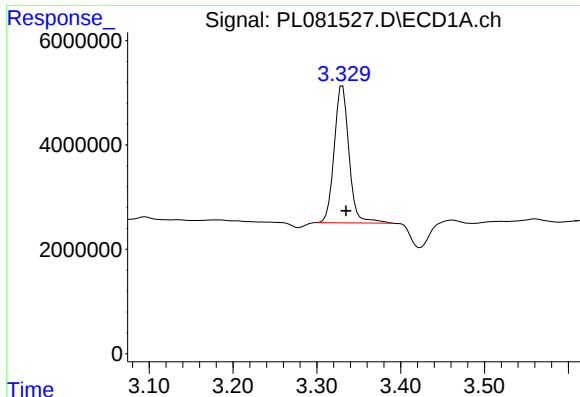
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 00:38:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





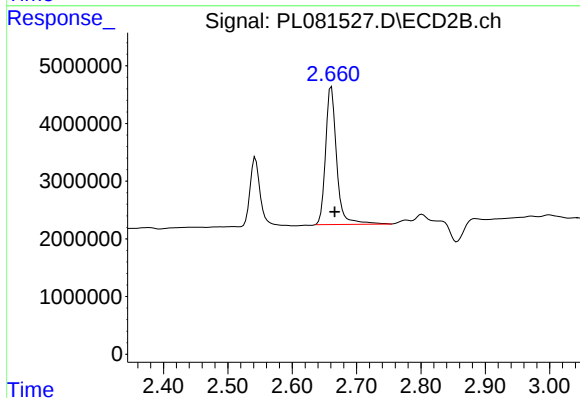
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 32128182
Conc: 14.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

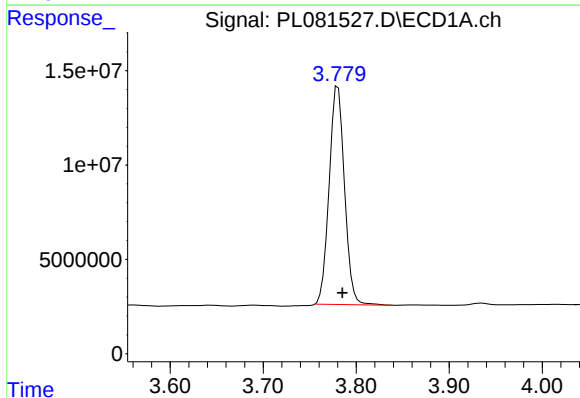
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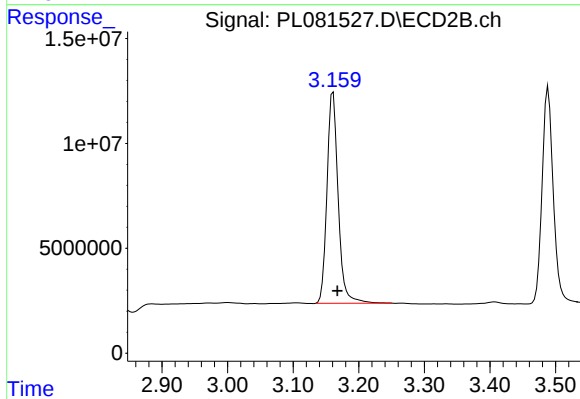
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: -0.005 min
Response: 28581151
Conc: 14.12 ng/ml



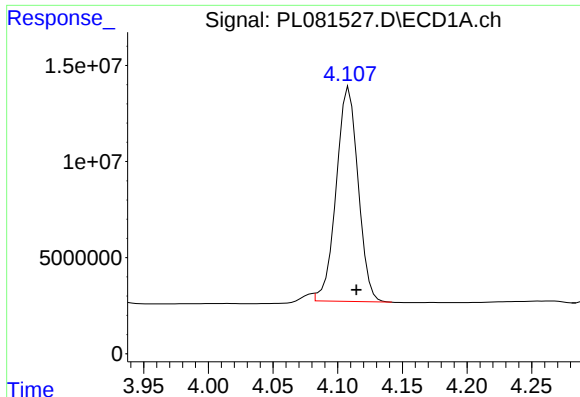
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.005 min
Response: 132862611
Conc: 41.76 ng/ml



#2 alpha-BHC

R.T.: 3.161 min
Delta R.T.: -0.007 min
Response: 119347989
Conc: 40.72 ng/ml



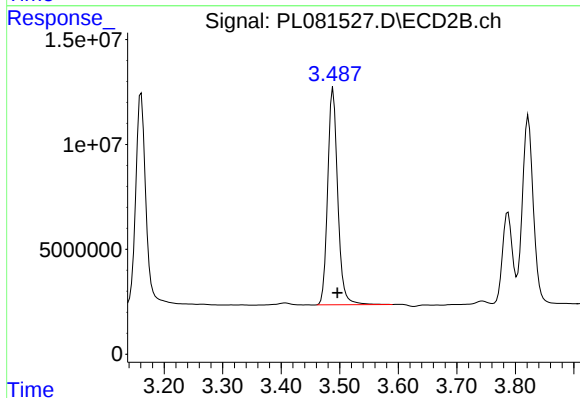
#3 gamma-BHC (Lindane)

R.T.: 4.107 min
Delta R.T.: -0.007 min
Response: 130705063
Conc: 44.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

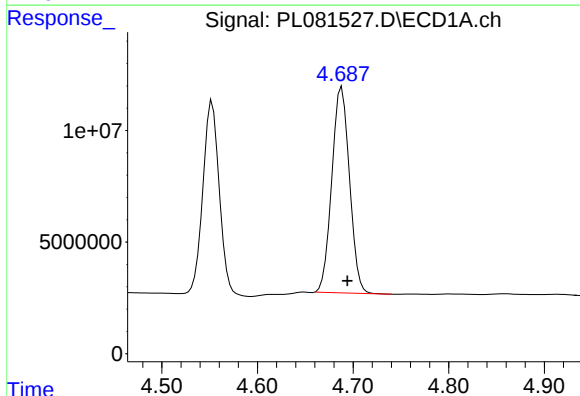
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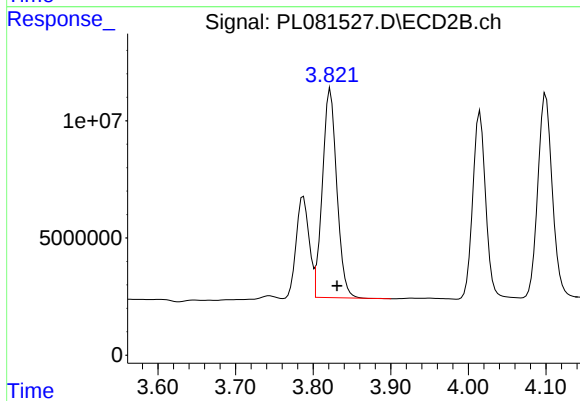
#3 gamma-BHC (Lindane)

R.T.: 3.489 min
Delta R.T.: -0.008 min
Response: 123219198
Conc: 44.79 ng/ml



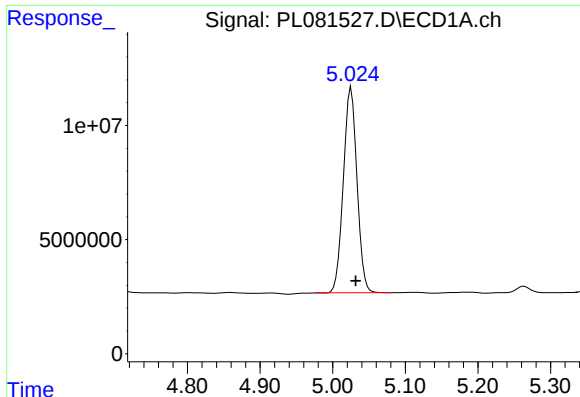
#4 Heptachlor

R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 117972848
Conc: 42.75 ng/ml



#4 Heptachlor

R.T.: 3.822 min
Delta R.T.: -0.008 min
Response: 114844704
Conc: 41.62 ng/ml



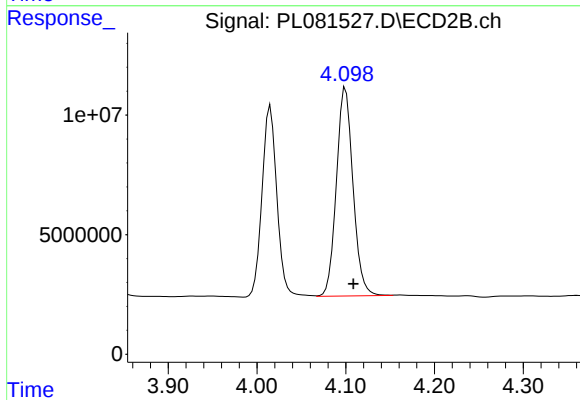
#5 Aldrin

R.T.: 5.025 min
Delta R.T.: -0.006 min
Response: 117566923
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

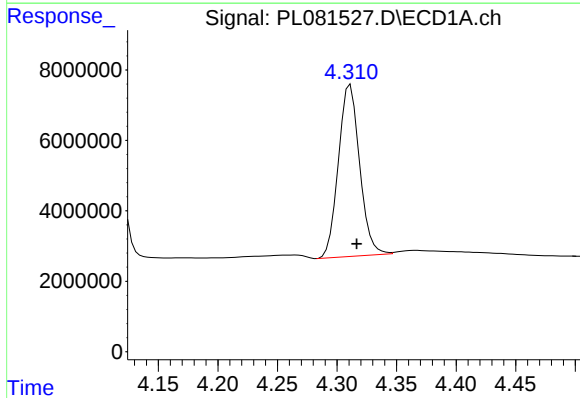
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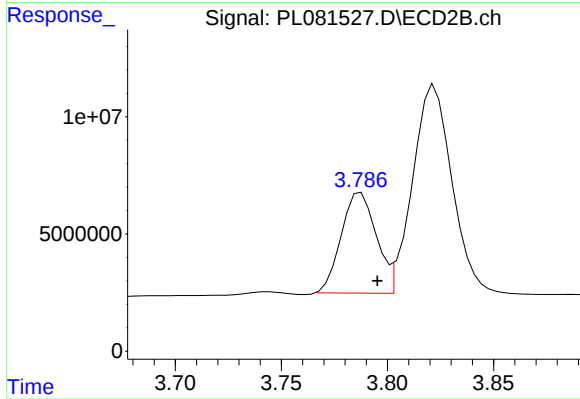
#5 Aldrin

R.T.: 4.100 min
Delta R.T.: -0.009 min
Response: 113323151
Conc: 43.22 ng/ml



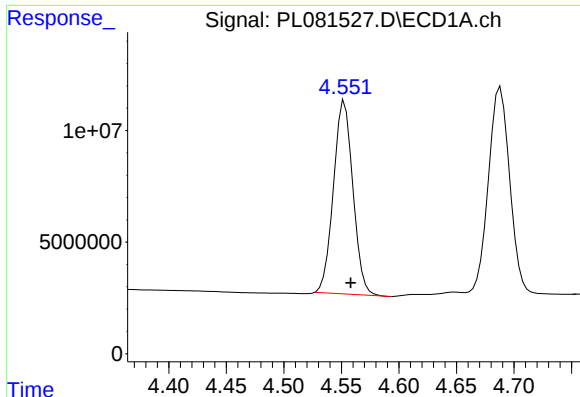
#6 beta-BHC

R.T.: 4.311 min
Delta R.T.: -0.005 min
Response: 60290051
Conc: 43.80 ng/ml



#6 beta-BHC

R.T.: 3.788 min
Delta R.T.: -0.008 min
Response: 49263028
Conc: 42.45 ng/ml



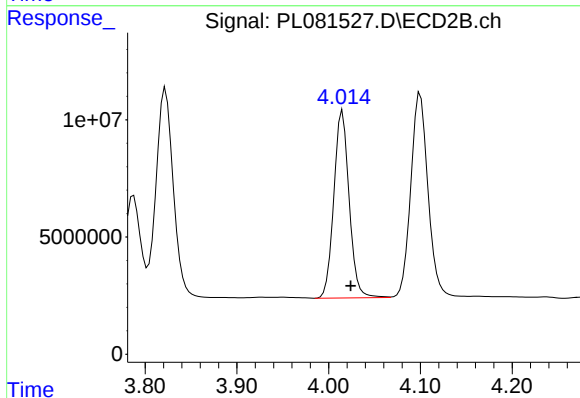
#7 delta-BHC

R.T.: 4.553 min
Delta R.T.: -0.005 min
Response: 101908237
Conc: 36.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

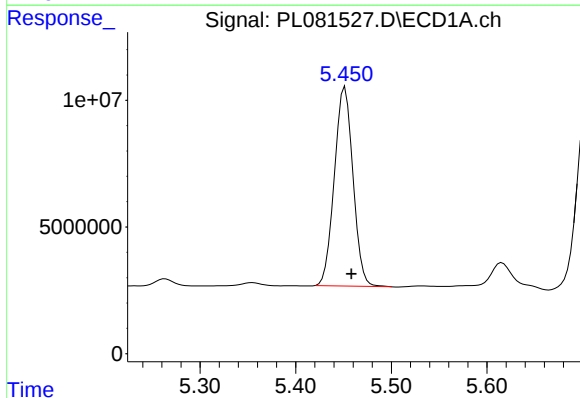
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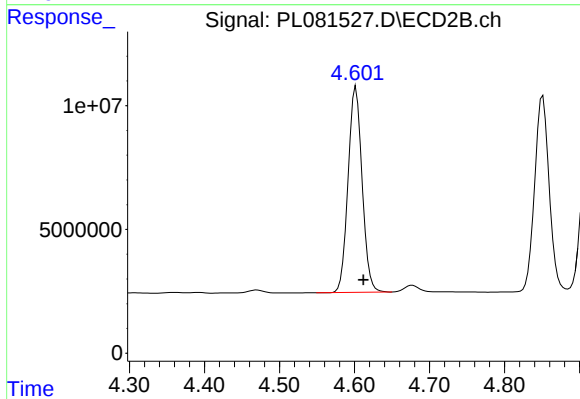
#7 delta-BHC

R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 92824103
Conc: 36.45 ng/ml



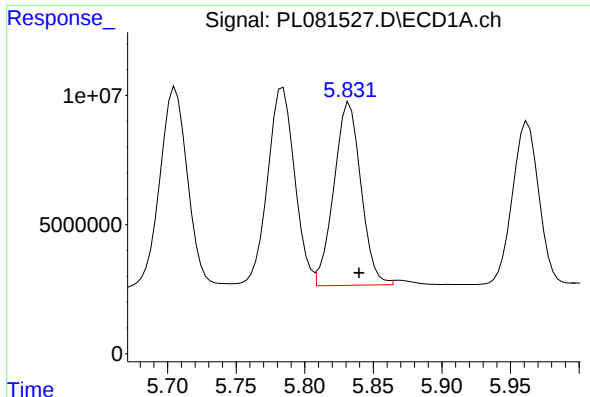
#8 Heptachlor epoxide

R.T.: 5.452 min
Delta R.T.: -0.007 min
Response: 106258944
Conc: 45.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.602 min
Delta R.T.: -0.010 min
Response: 107954764
Conc: 44.64 ng/ml



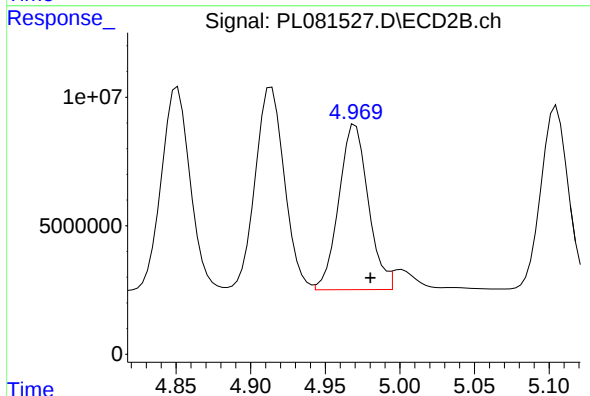
#9 Endosulfan I

R.T.: 5.833 min
Delta R.T.: -0.007 min
Response: 97344315
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

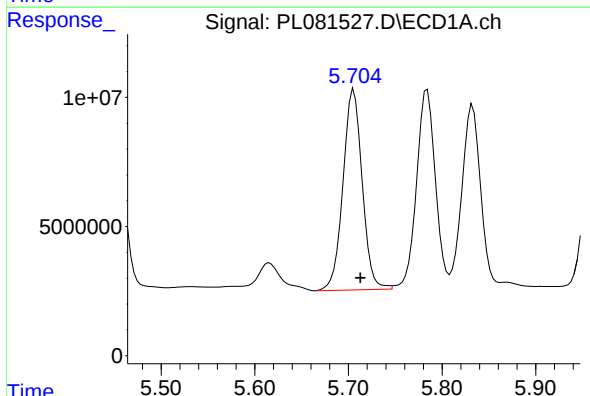
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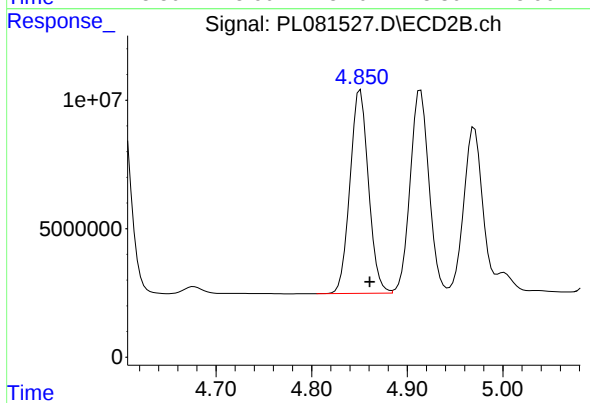
#9 Endosulfan I

R.T.: 4.970 min
Delta R.T.: -0.010 min
Response: 88461871
Conc: 39.08 ng/ml



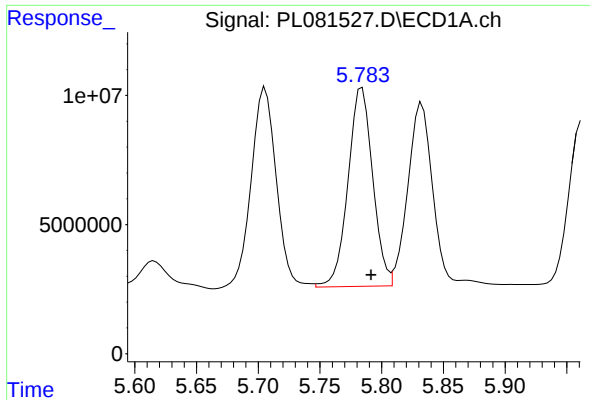
#10 gamma-Chlordane

R.T.: 5.706 min
Delta R.T.: -0.007 min
Response: 110737060
Conc: 48.53 ng/ml



#10 gamma-Chlordane

R.T.: 4.851 min
Delta R.T.: -0.010 min
Response: 106701634
Conc: 43.59 ng/ml



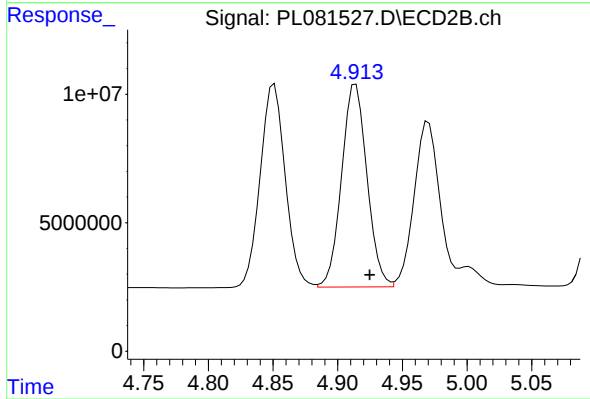
#11 alpha-Chlordane

R.T.: 5.784 min
Delta R.T.: -0.007 min
Response: 107094091
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

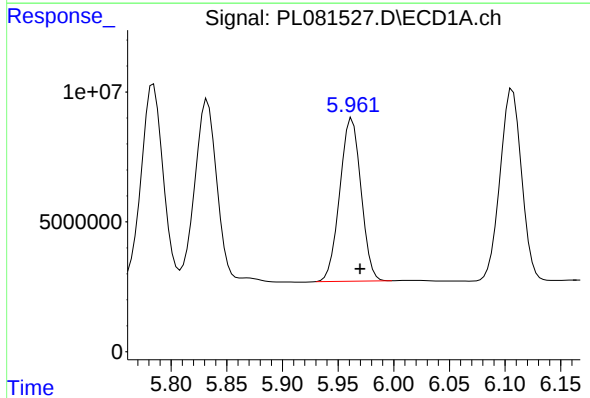
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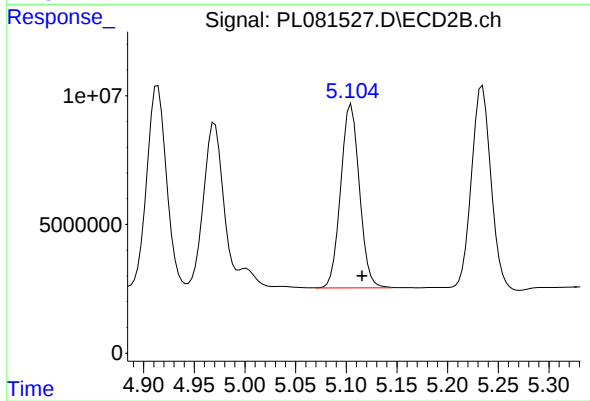
#11 alpha-Chlordane

R.T.: 4.914 min
Delta R.T.: -0.011 min
Response: 107645123
Conc: 43.96 ng/ml



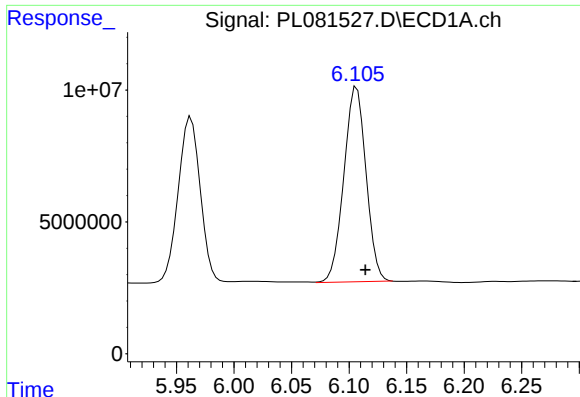
#12 4,4'-DDE

R.T.: 5.963 min
Delta R.T.: -0.007 min
Response: 83323930
Conc: 42.59 ng/ml



#12 4,4'-DDE

R.T.: 5.104 min
Delta R.T.: -0.012 min
Response: 91478078
Conc: 46.60 ng/ml m



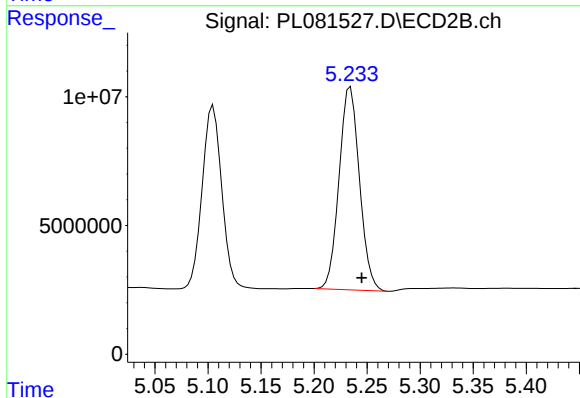
#13 Dieldrin

R.T.: 6.105 min
Delta R.T.: -0.009 min
Response: 99500036
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

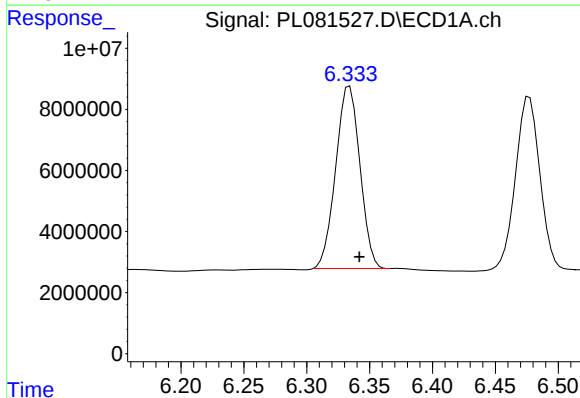
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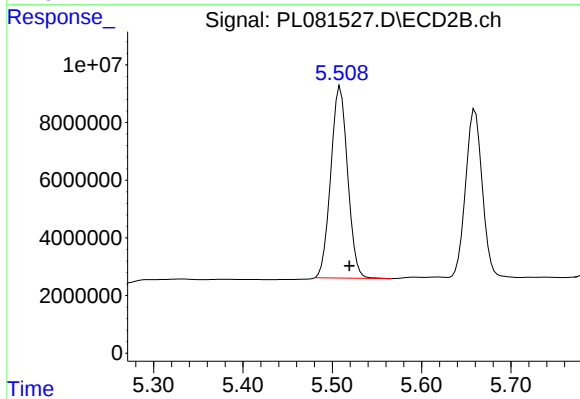
#13 Dieldrin

R.T.: 5.234 min
Delta R.T.: -0.011 min
Response: 105242973
Conc: 46.68 ng/ml



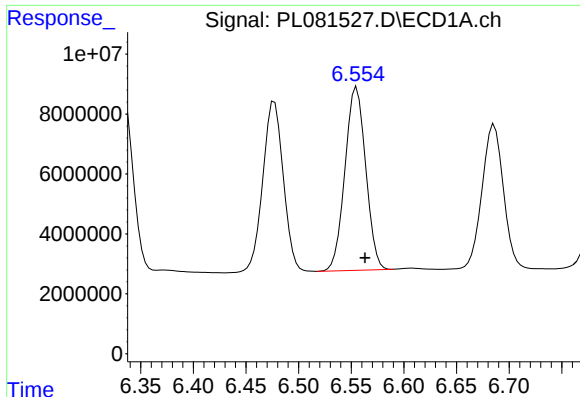
#14 Endrin

R.T.: 6.334 min
Delta R.T.: -0.008 min
Response: 80052776
Conc: 44.05 ng/ml



#14 Endrin

R.T.: 5.509 min
Delta R.T.: -0.010 min
Response: 87044147
Conc: 43.31 ng/ml



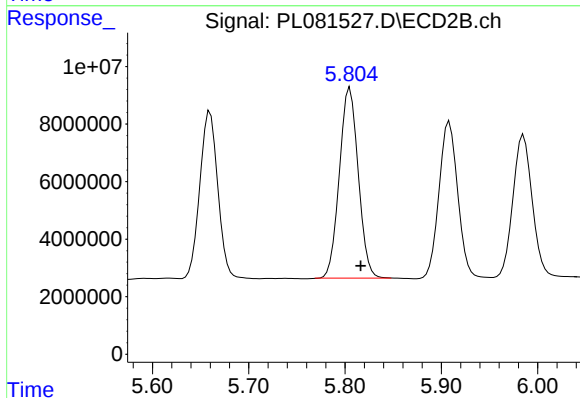
#15 Endosulfan II

R.T.: 6.555 min
Delta R.T.: -0.008 min
Response: 84118370
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

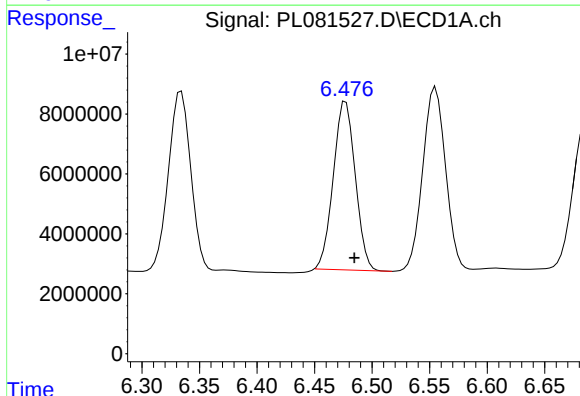
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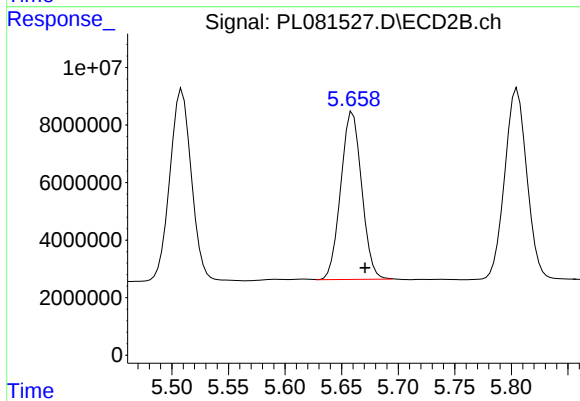
#15 Endosulfan II

R.T.: 5.804 min
Delta R.T.: -0.012 min
Response: 89928959
Conc: 48.78 ng/ml m



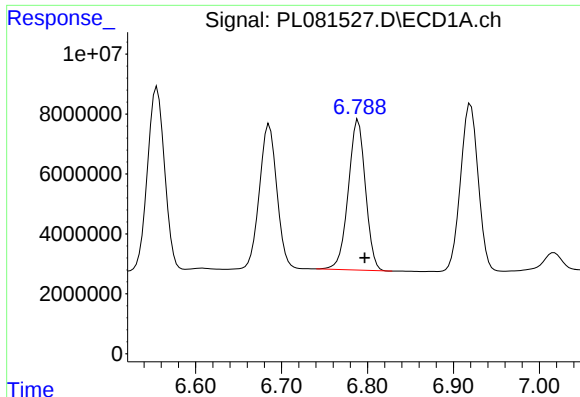
#16 4,4'-DDD

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 74660517
Conc: 48.50 ng/ml



#16 4,4'-DDD

R.T.: 5.658 min
Delta R.T.: -0.012 min
Response: 75088672
Conc: 48.95 ng/ml m



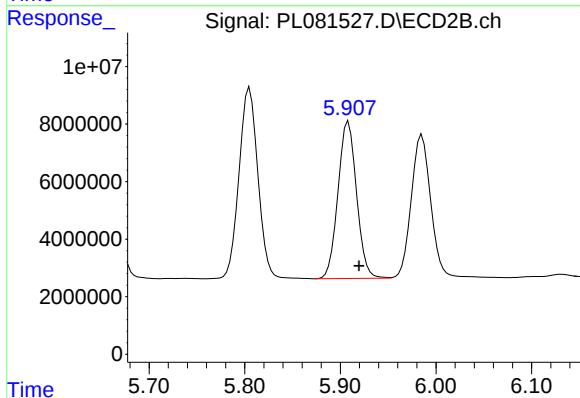
#17 4,4'-DDT

R.T.: 6.789 min
Delta R.T.: -0.007 min
Response: 69867298
Conc: 44.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

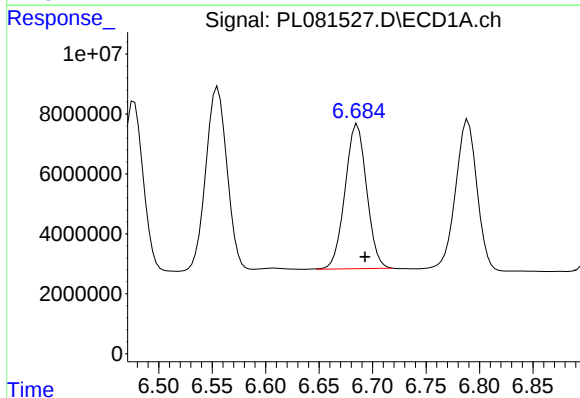
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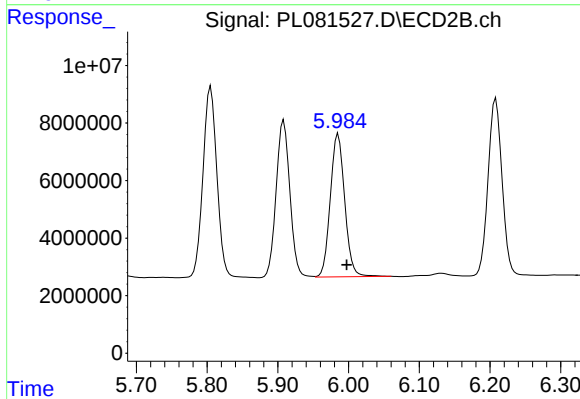
#17 4,4'-DDT

R.T.: 5.908 min
Delta R.T.: -0.011 min
Response: 73761797
Conc: 45.98 ng/ml



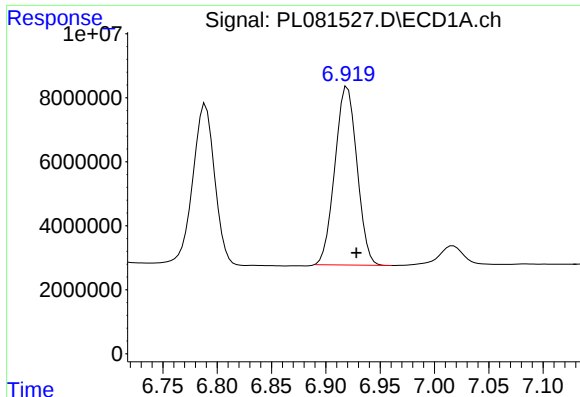
#18 Endrin aldehyde

R.T.: 6.684 min
Delta R.T.: -0.009 min
Response: 67885809
Conc: 47.43 ng/ml m



#18 Endrin aldehyde

R.T.: 5.985 min
Delta R.T.: -0.012 min
Response: 70067646
Conc: 46.25 ng/ml



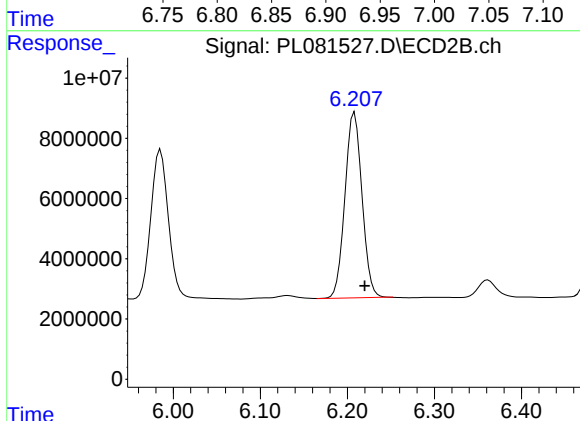
#19 Endosulfan Sulfate

R.T.: 6.920 min
Delta R.T.: -0.008 min
Response: 78916470
Conc: 43.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

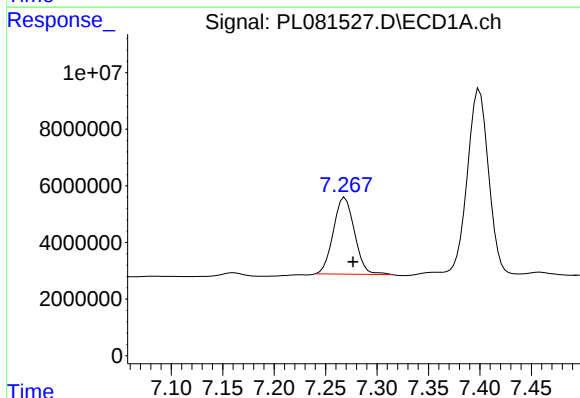
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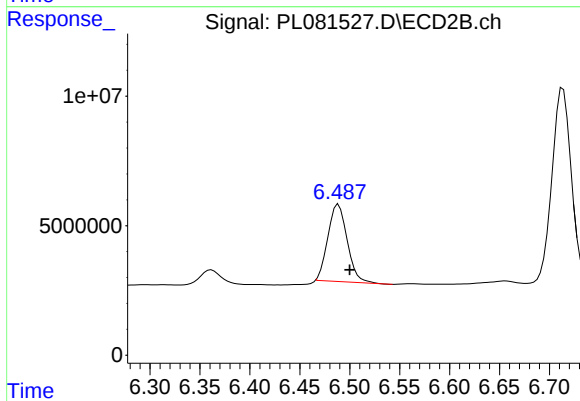
#19 Endosulfan Sulfate

R.T.: 6.207 min
Delta R.T.: -0.013 min
Response: 83999339
Conc: 43.70 ng/ml m



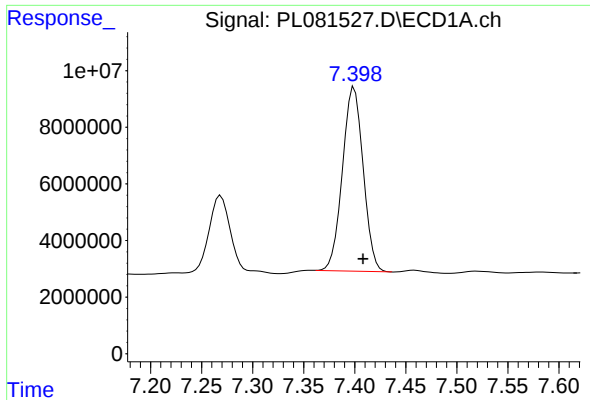
#20 Methoxychlor

R.T.: 7.269 min
Delta R.T.: -0.008 min
Response: 38786992
Conc: 45.03 ng/ml



#20 Methoxychlor

R.T.: 6.489 min
Delta R.T.: -0.011 min
Response: 40063997
Conc: 43.17 ng/ml



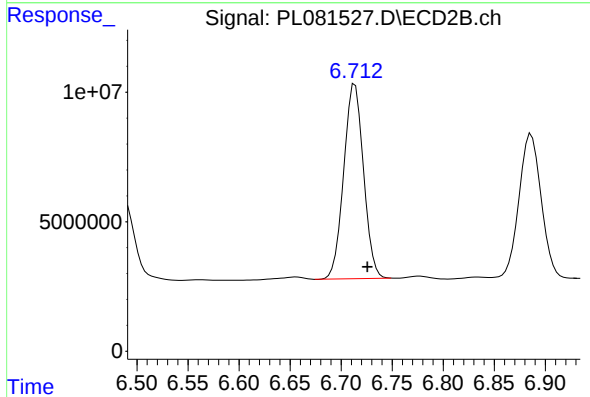
#21 Endrin ketone

R.T.: 7.398 min
Delta R.T.: -0.010 min
Response: 92015536
Conc: 50.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

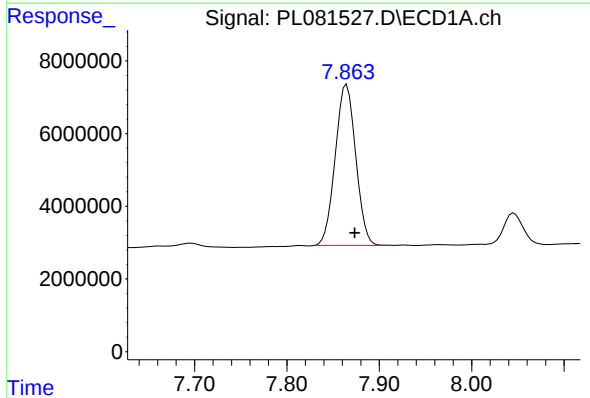
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



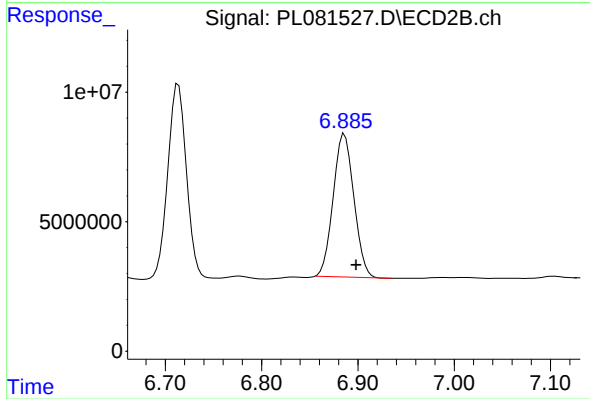
#21 Endrin ketone

R.T.: 6.712 min
Delta R.T.: -0.013 min
Response: 101408385
Conc: 47.10 ng/ml m



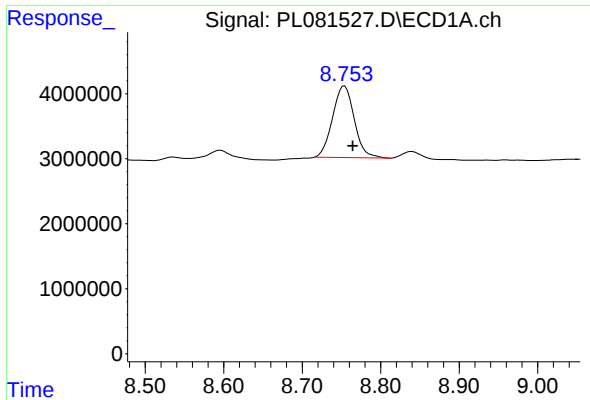
#22 Mirex

R.T.: 7.865 min
Delta R.T.: -0.009 min
Response: 68094701
Conc: 46.67 ng/ml



#22 Mirex

R.T.: 6.886 min
Delta R.T.: -0.012 min
Response: 82472004
Conc: 42.85 ng/ml



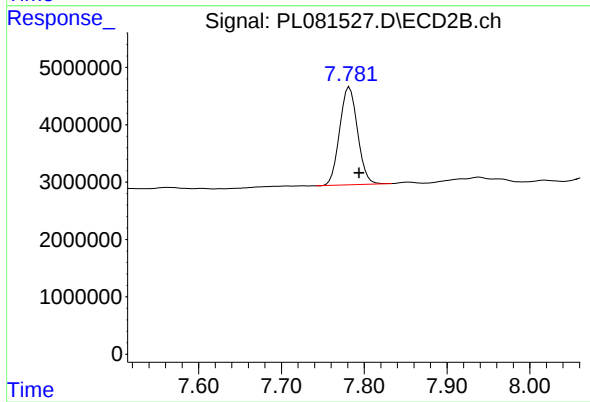
#28 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.010 min
Response: 21200836
Conc: 13.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MC-1MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/17/2023



#28 Decachlorobiphenyl

R.T.: 7.782 min
Delta R.T.: -0.012 min
Response: 25591561
Conc: 13.36 ng/ml