

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
 Data File : PL081968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 20:14
 Operator : AR\AJ
 Sample : 02222-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 E-H4(ELEV-24)MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 23:02:12 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...	3.325	2.653	36639273	33400180	15.753	16.732
28) SA Decachlor...	8.744	7.767	26123335	29012815	14.597	14.629
Target Compounds						
2) A alpha-BHC	3.774	3.151	145.7E6	123.9E6	42.511	42.516
3) MA gamma-BHC...	4.101	3.478	139.7E6	122.7E6	43.961m	44.063
4) MA Heptachlor	4.680	3.811	127.5E6	119.9E6	40.438m	41.831
5) MB Aldrin	5.018	4.088	124.2E6	113.8E6	43.424	42.724
6) B beta-BHC	4.305	3.777	62331310	50898196	41.414	42.736
7) B delta-BHC	4.546	4.004	132.7E6	115.0E6	43.672	44.470
8) B Heptachlo...	5.444	4.590	115.2E6	106.4E6	42.360	43.828
9) A Endosulfan I	5.825	4.957	102.3E6	96282240	41.419	43.611
10) B gamma-Chl...	5.698	4.839	111.0E6	104.5E6	42.265	42.977
11) B alpha-Chl...	5.777	4.902	110.2E6	105.3E6	42.591	43.357
12) B 4,4'-DDE	5.955	5.092	94989871	85856614	42.149	43.587
13) MA Dieldrin	6.099	5.221	105.5E6	101.6E6	43.586	45.163
14) MA Endrin	6.324	5.496	93592216	91214210	44.247m	45.073
15) B Endosulfa...	6.548	5.791	90839935	88292249	42.807	48.672m
16) A 4,4'-DDD	6.470	5.647	76887148	67208562	42.633	44.288
17) MA 4,4'-DDT	6.781	5.896	82845314	77000383	40.818	44.683
18) B Endrin al...	6.677	5.972	74272350	73535941	45.396	47.351
19) B Endosulfa...	6.912	6.193	89799333	86494283	43.089	44.454m
20) A Methoxychlor	7.261	6.473	47702132	46909686	44.296	47.096m
21) B Endrin ke...	7.391	6.700	95280618	100.9E6	45.487	47.211
22) Mirex	7.854	6.870	74438294	85649669	43.448m	44.615m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
Data File : PL081968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2023 20:14
Operator : AR\AJ
Sample : 02222-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

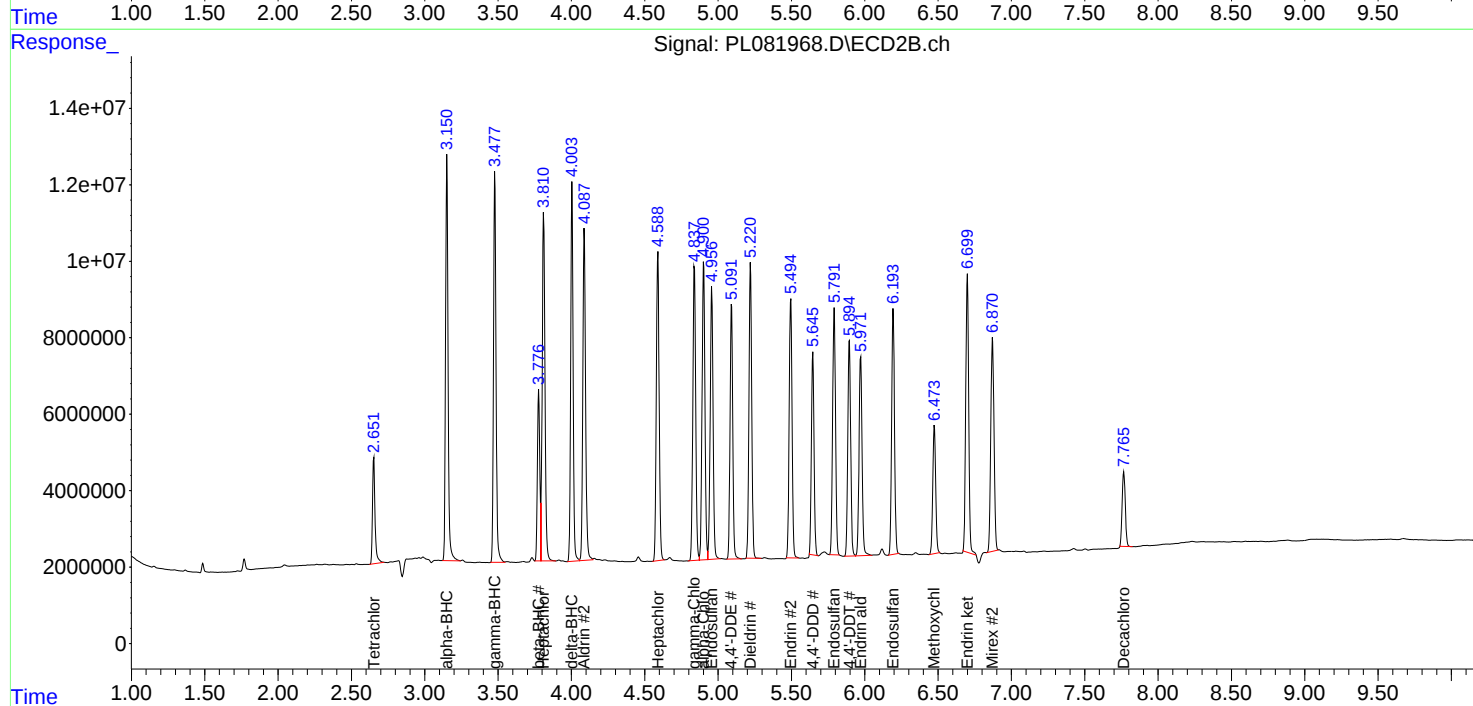
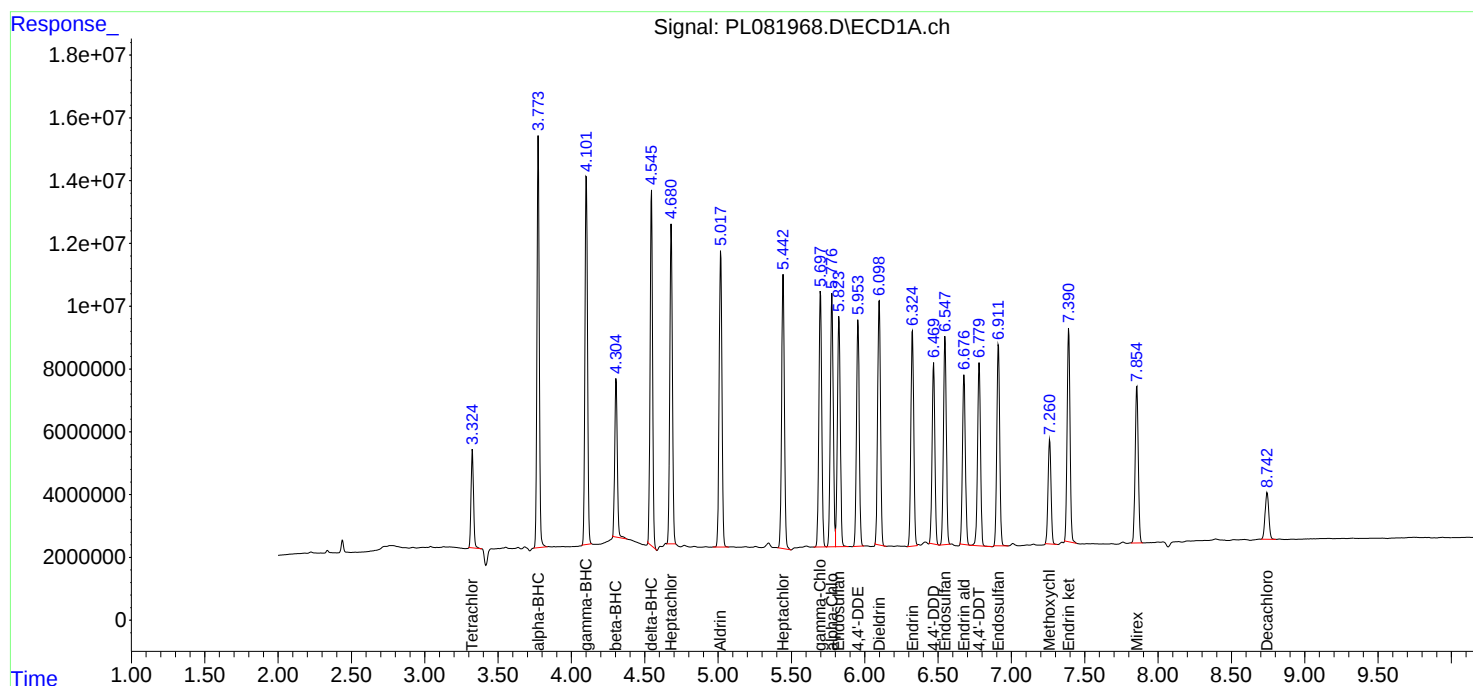
Instrument :
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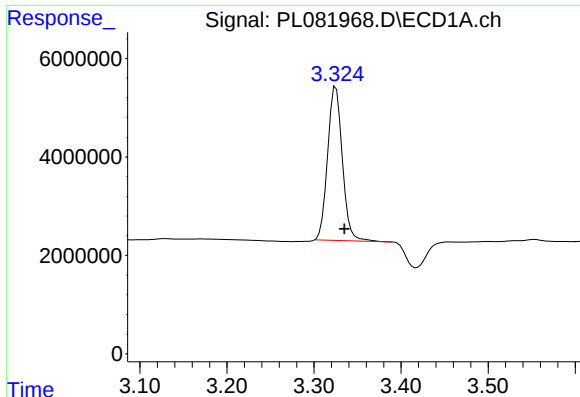
Manual Integrations
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Supervised By :Ankita Jodhani 04/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 23:02:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 2023
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Volume Inj. : 1 µl
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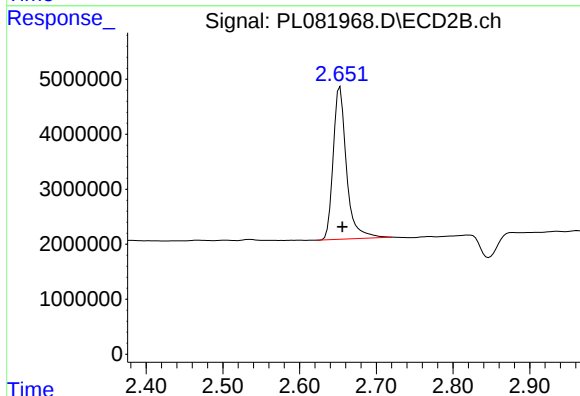
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 36639273
Conc: 15.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

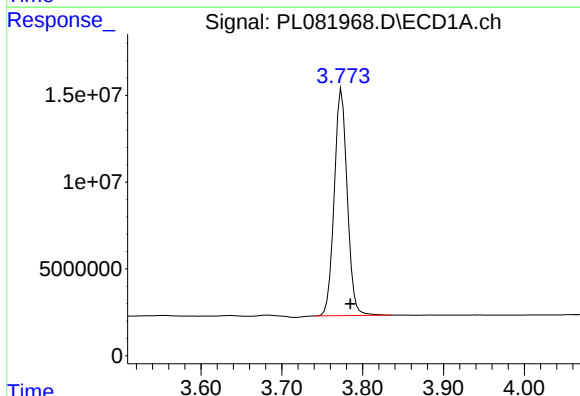
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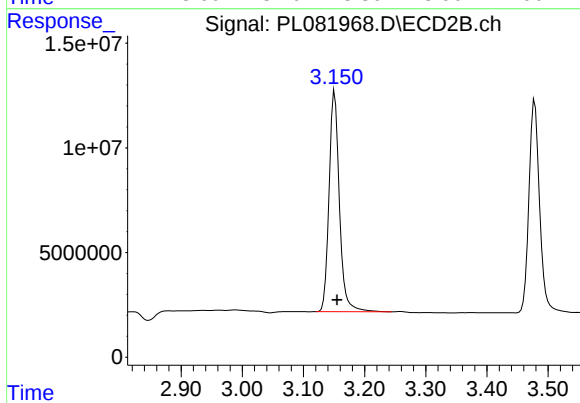
#1 Tetrachloro-m-xylene

R.T.: 2.653 min
Delta R.T.: -0.003 min
Response: 33400180
Conc: 16.73 ng/ml



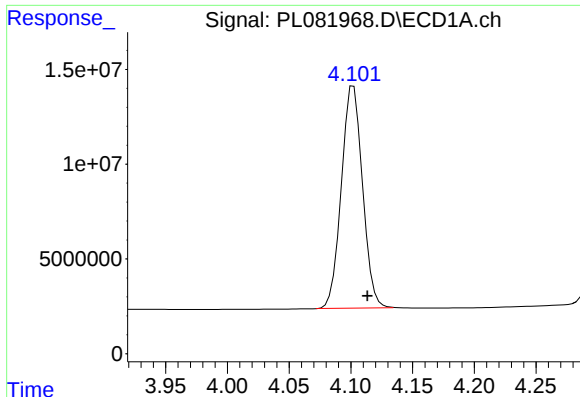
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: -0.011 min
Response: 145744983
Conc: 42.51 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.004 min
Response: 123932654
Conc: 42.52 ng/ml



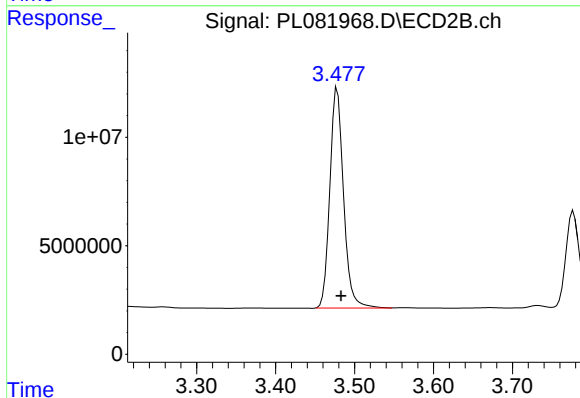
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: -0.013 min
Response: 139655819
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

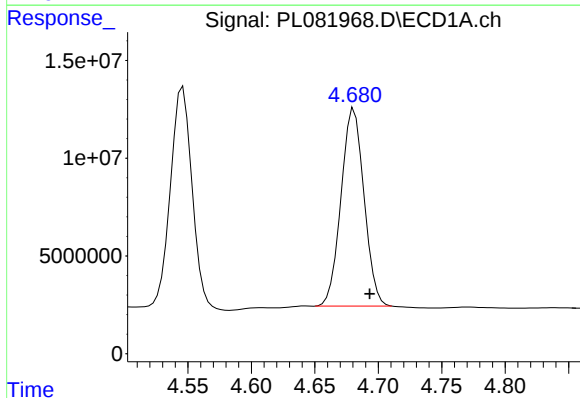
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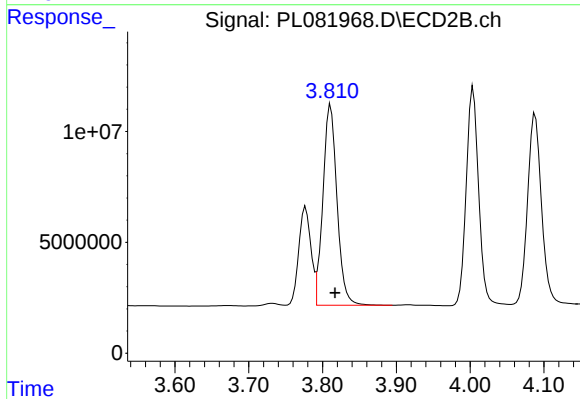
#3 gamma-BHC (Lindane)

R.T.: 3.478 min
Delta R.T.: -0.005 min
Response: 122681533
Conc: 44.06 ng/ml



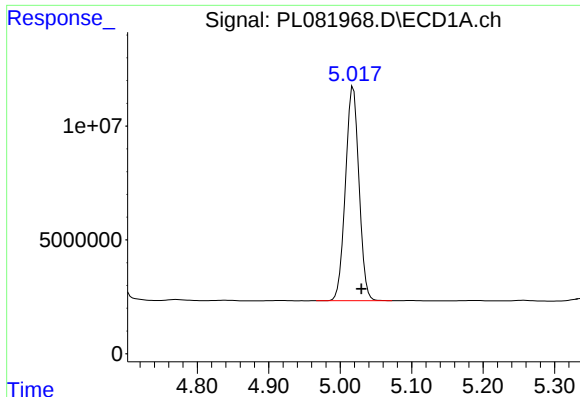
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: -0.014 min
Response: 127468786
Conc: 40.44 ng/ml m



#4 Heptachlor

R.T.: 3.811 min
Delta R.T.: -0.006 min
Response: 119929194
Conc: 41.83 ng/ml



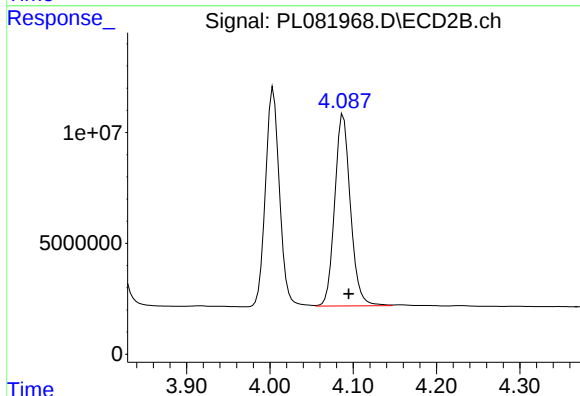
#5 Aldrin

R.T.: 5.018 min
Delta R.T.: -0.012 min
Response: 124205209
Conc: 43.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

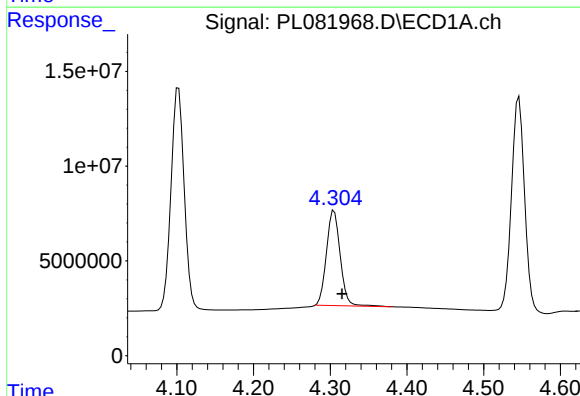
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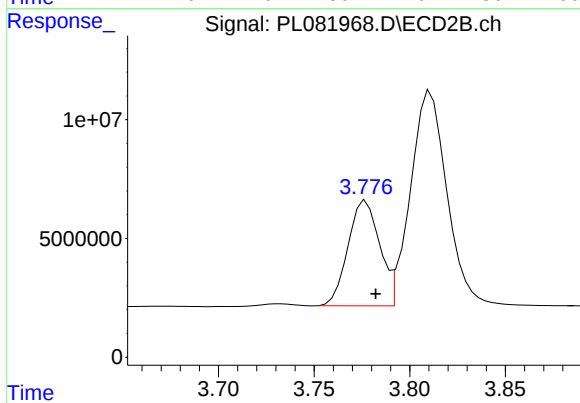
#5 Aldrin

R.T.: 4.088 min
Delta R.T.: -0.007 min
Response: 113837721
Conc: 42.72 ng/ml



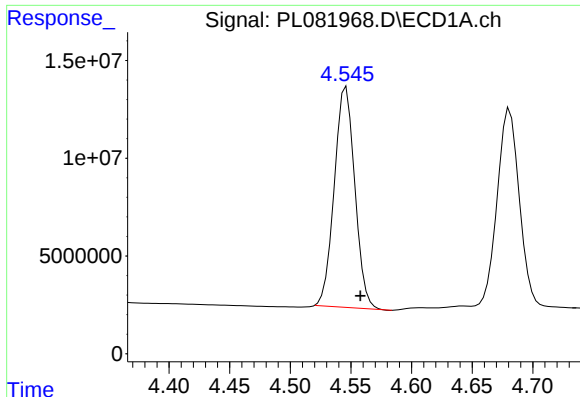
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: -0.011 min
Response: 62331310
Conc: 41.41 ng/ml



#6 beta-BHC

R.T.: 3.777 min
Delta R.T.: -0.005 min
Response: 50898196
Conc: 42.74 ng/ml



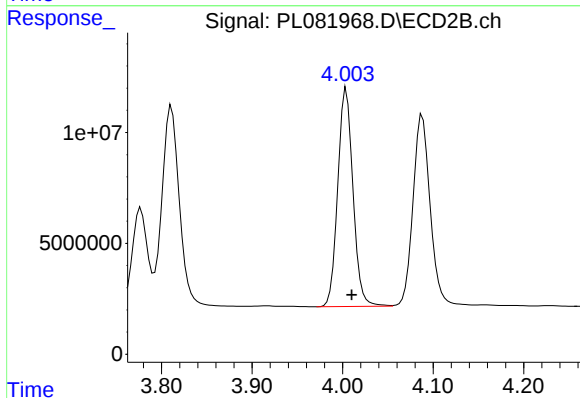
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: -0.012 min
Response: 132727804
Conc: 43.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

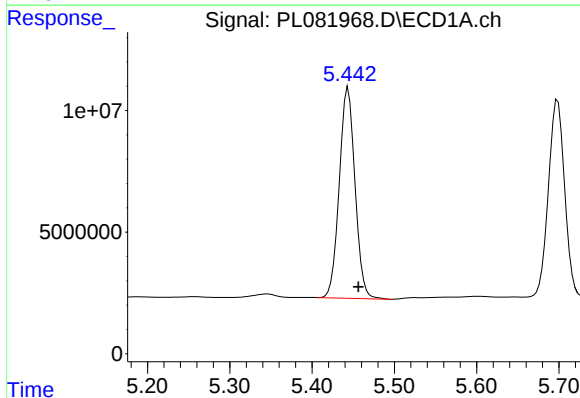
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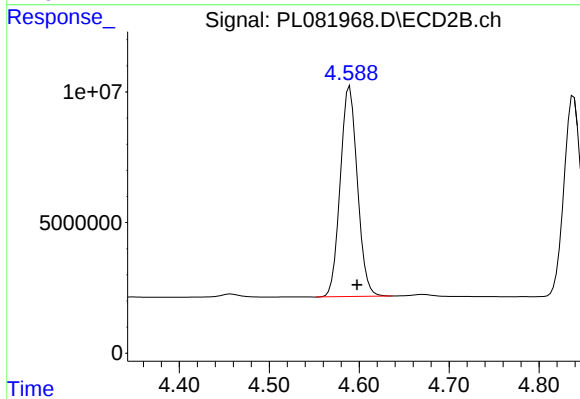
#7 delta-BHC

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 115003446
Conc: 44.47 ng/ml



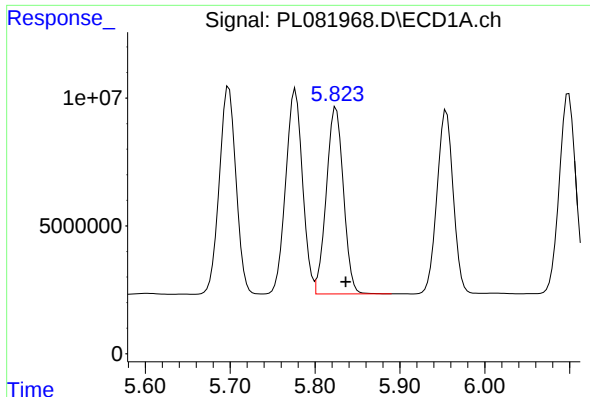
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: -0.012 min
Response: 115219420
Conc: 42.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.590 min
Delta R.T.: -0.008 min
Response: 106446295
Conc: 43.83 ng/ml



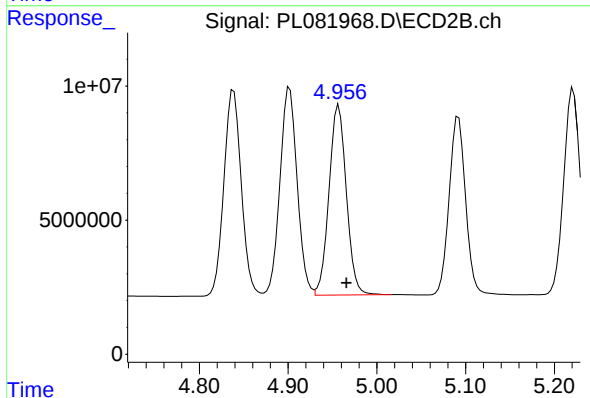
#9 Endosulfan I

R.T.: 5.825 min
Delta R.T.: -0.012 min
Response: 102340171
Conc: 41.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

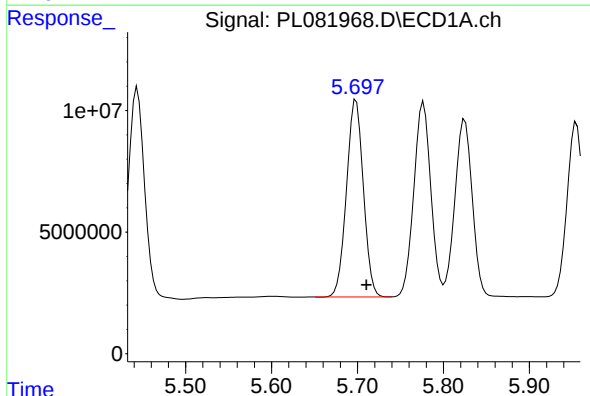
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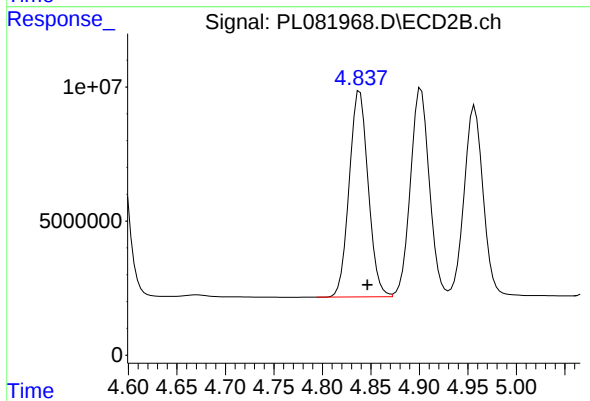
#9 Endosulfan I

R.T.: 4.957 min
Delta R.T.: -0.008 min
Response: 96282240
Conc: 43.61 ng/ml



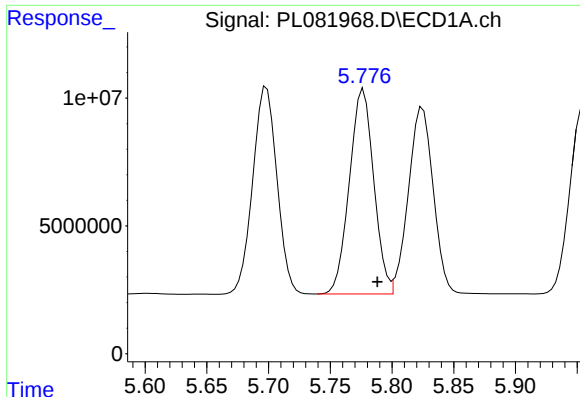
#10 gamma-Chlordane

R.T.: 5.698 min
Delta R.T.: -0.012 min
Response: 110953983
Conc: 42.26 ng/ml



#10 gamma-Chlordane

R.T.: 4.839 min
Delta R.T.: -0.008 min
Response: 104451392
Conc: 42.98 ng/ml



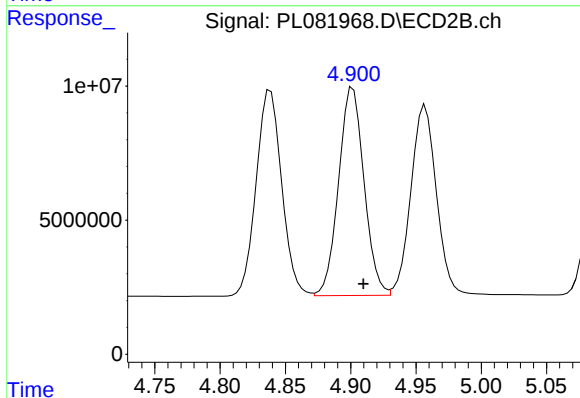
#11 alpha-Chlordane

R.T.: 5.777 min
Delta R.T.: -0.011 min
Response: 110241865
Conc: 42.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

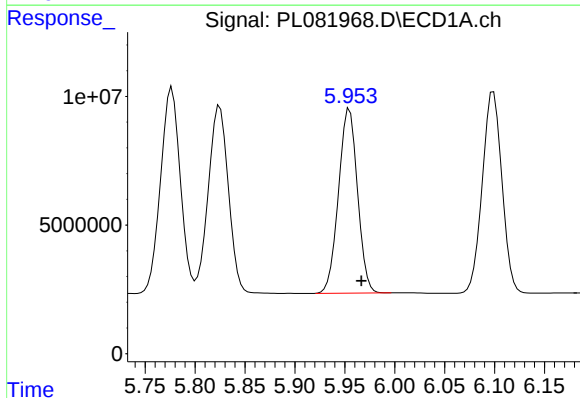
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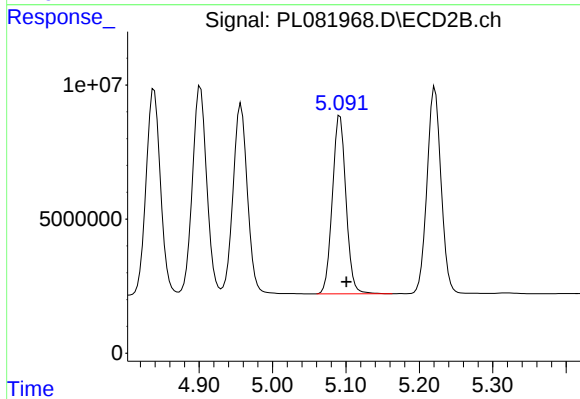
#11 alpha-Chlordane

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 105310617
Conc: 43.36 ng/ml



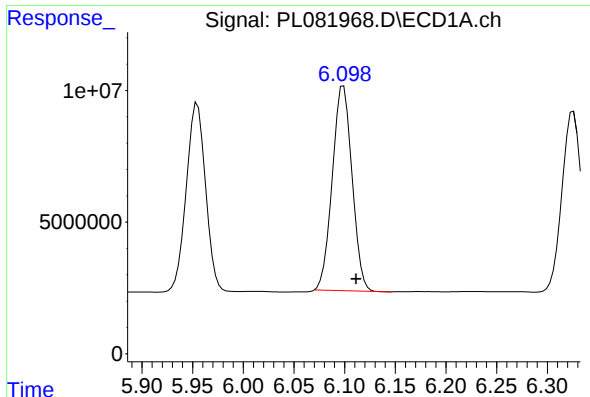
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: -0.012 min
Response: 94989871
Conc: 42.15 ng/ml



#12 4,4'-DDE

R.T.: 5.092 min
Delta R.T.: -0.009 min
Response: 85856614
Conc: 43.59 ng/ml



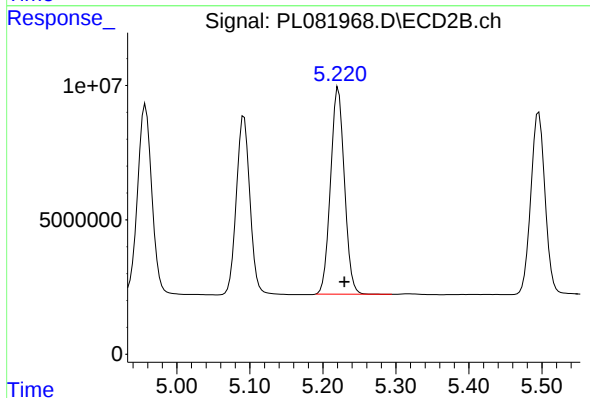
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: -0.012 min
Response: 105519946
Conc: 43.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

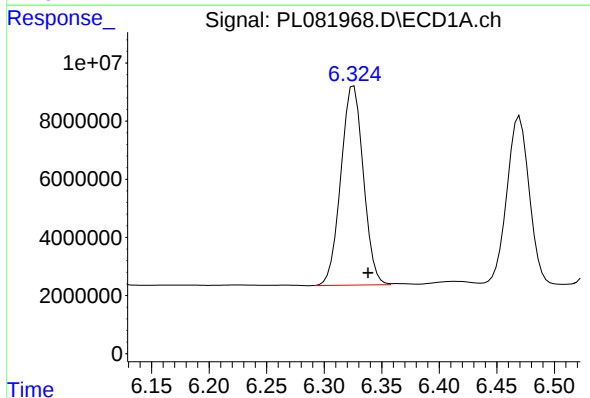
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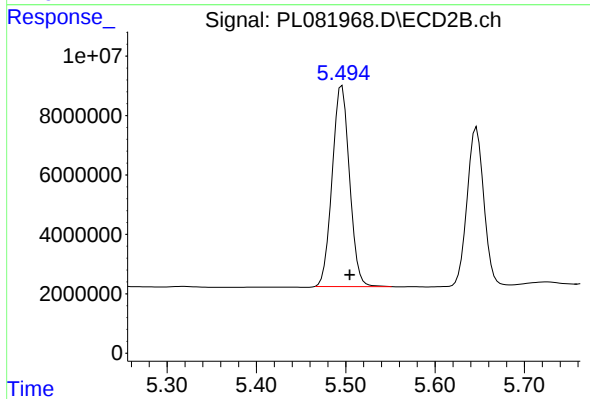
#13 Dieldrin

R.T.: 5.221 min
Delta R.T.: -0.008 min
Response: 101589988
Conc: 45.16 ng/ml



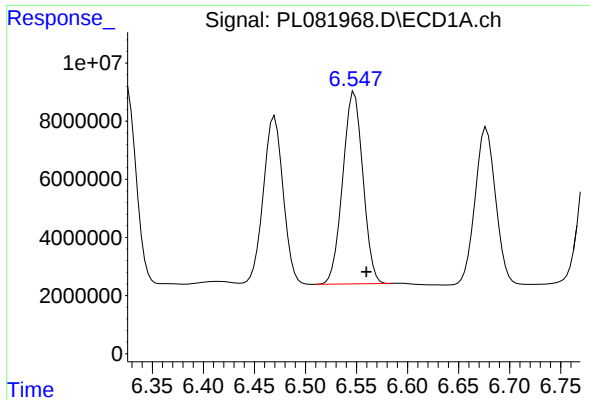
#14 Endrin

R.T.: 6.324 min
Delta R.T.: -0.014 min
Response: 93592216
Conc: 44.25 ng/ml m



#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.009 min
Response: 91214210
Conc: 45.07 ng/ml



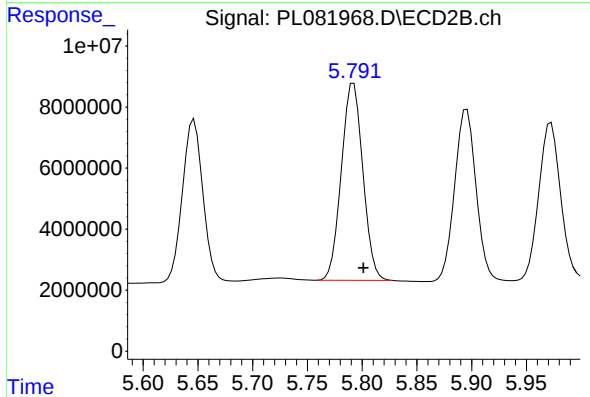
#15 Endosulfan II

R.T.: 6.548 min
Delta R.T.: -0.012 min
Response: 90839935
Conc: 42.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
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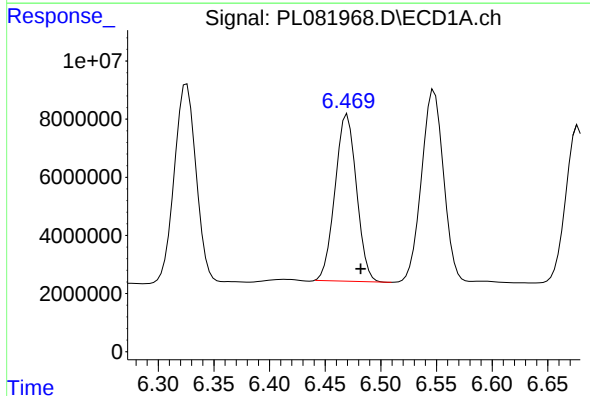
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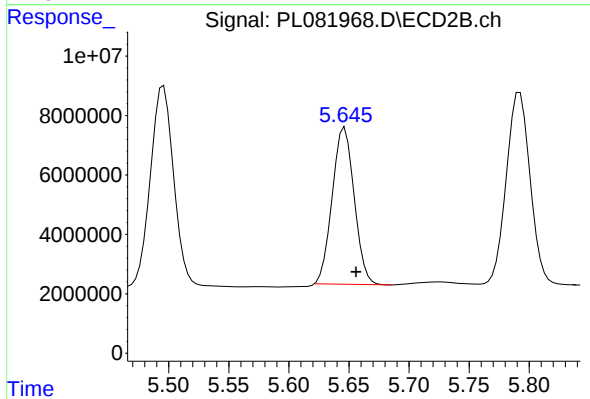
#15 Endosulfan II

R.T.: 5.791 min
Delta R.T.: -0.010 min
Response: 88292249
Conc: 48.67 ng/ml m



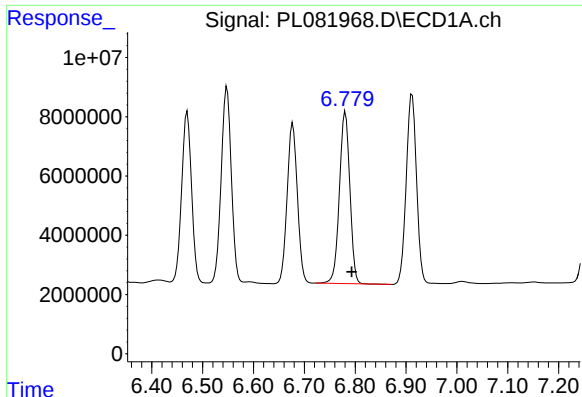
#16 4,4'-DDD

R.T.: 6.470 min
Delta R.T.: -0.012 min
Response: 76887148
Conc: 42.63 ng/ml



#16 4,4'-DDD

R.T.: 5.647 min
Delta R.T.: -0.009 min
Response: 67208562
Conc: 44.29 ng/ml



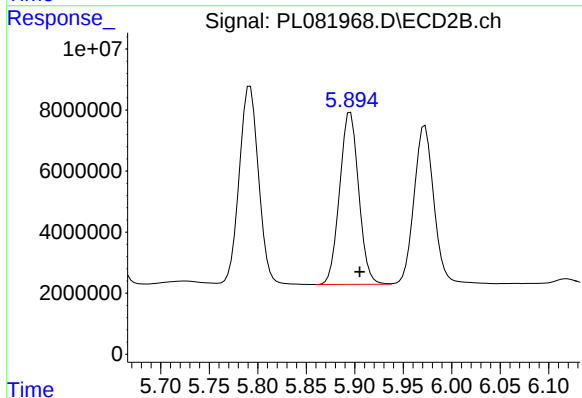
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: -0.012 min
Response: 82845314
Conc: 40.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

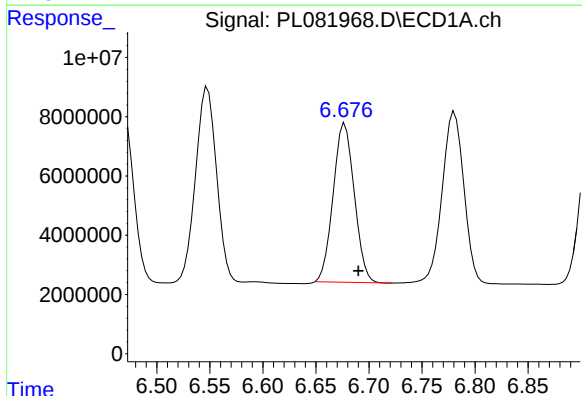
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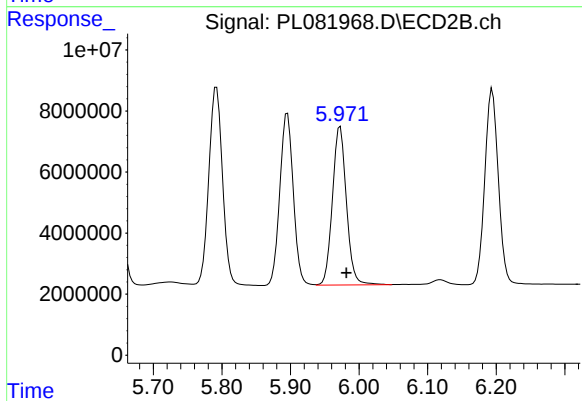
#17 4,4'-DDT

R.T.: 5.896 min
Delta R.T.: -0.009 min
Response: 77000383
Conc: 44.68 ng/ml



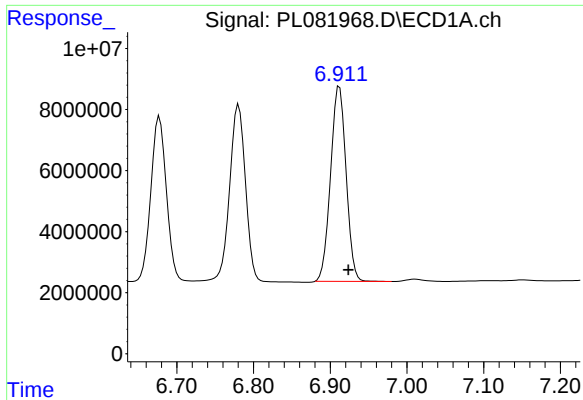
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: -0.013 min
Response: 74272350
Conc: 45.40 ng/ml



#18 Endrin aldehyde

R.T.: 5.972 min
Delta R.T.: -0.009 min
Response: 73535941
Conc: 47.35 ng/ml



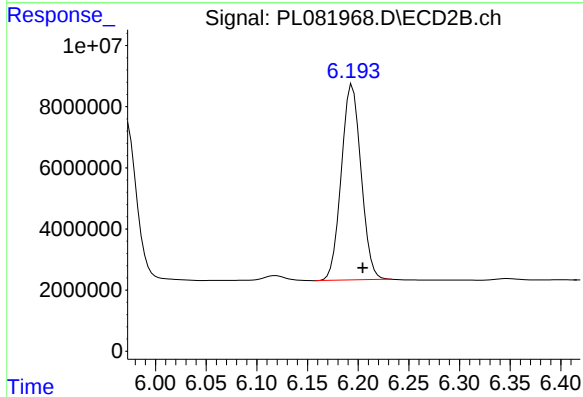
#19 Endosulfan Sulfate

R.T.: 6.912 min
Delta R.T.: -0.012 min
Response: 89799333
Conc: 43.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

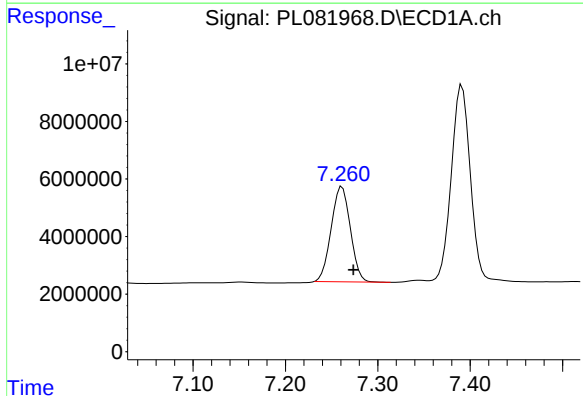
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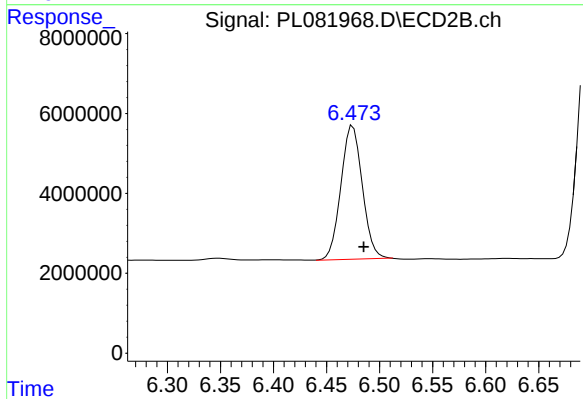
#19 Endosulfan Sulfate

R.T.: 6.193 min
Delta R.T.: -0.012 min
Response: 86494283
Conc: 44.45 ng/ml m



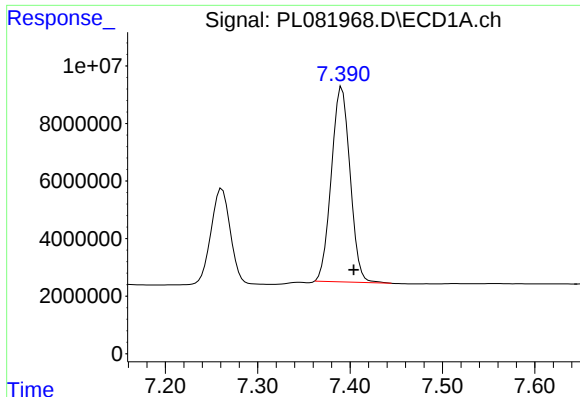
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: -0.012 min
Response: 47702132
Conc: 44.30 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: -0.012 min
Response: 46909686
Conc: 47.10 ng/ml m



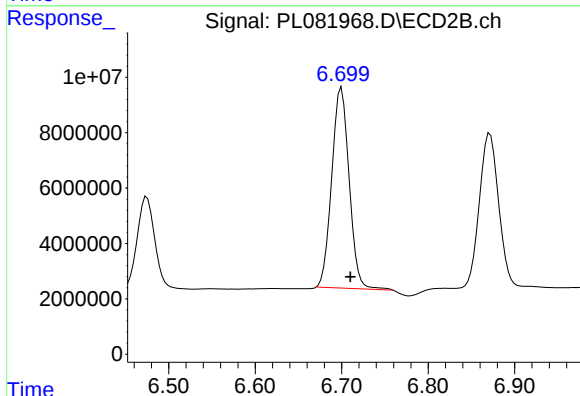
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: -0.013 min
Response: 95280618
Conc: 45.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

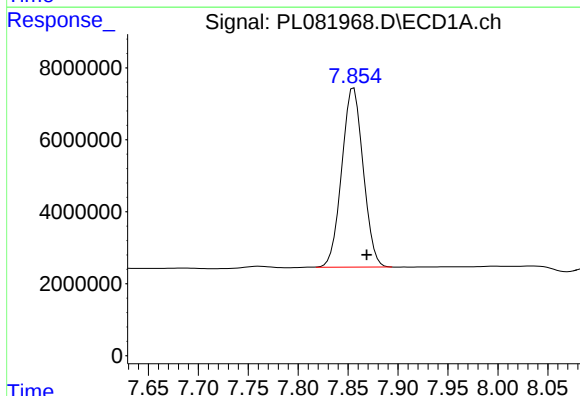
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



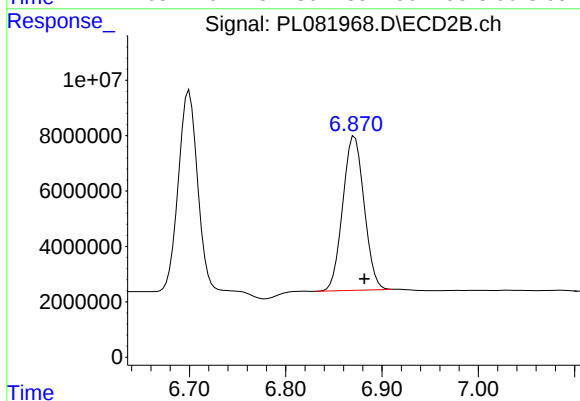
#21 Endrin ketone

R.T.: 6.700 min
Delta R.T.: -0.010 min
Response: 100890259
Conc: 47.21 ng/ml



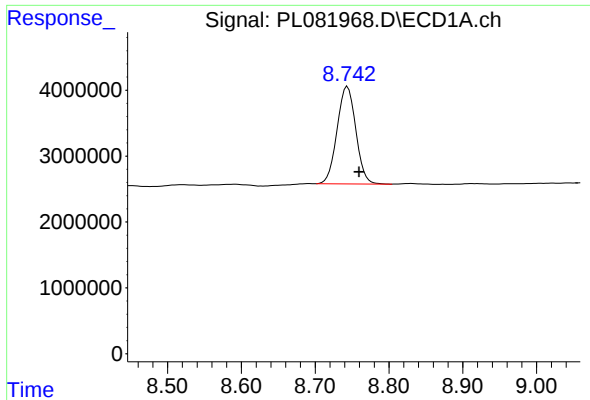
#22 Mirex

R.T.: 7.854 min
Delta R.T.: -0.014 min
Response: 74438294
Conc: 43.45 ng/ml m



#22 Mirex

R.T.: 6.870 min
Delta R.T.: -0.012 min
Response: 85649669
Conc: 44.62 ng/ml m



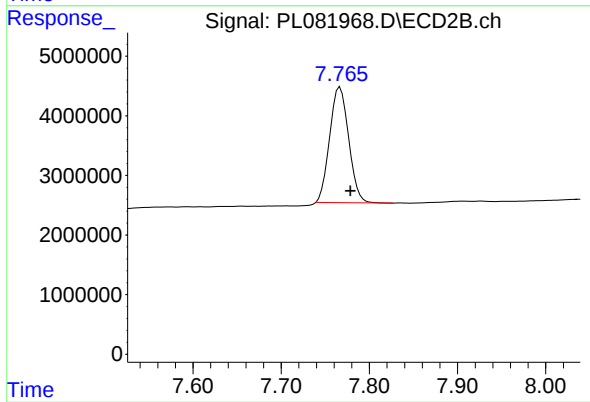
#28 Decachlorobiphenyl

R.T.: 8.744 min
Delta R.T.: -0.016 min
Response: 26123335
Conc: 14.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
E-H4(ELEV-24)MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: -0.012 min
Response: 29012815
Conc: 14.63 ng/ml