

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
 Data File : PL082071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 18:29
 Operator : AR\AJ
 Sample : 02283-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20230327-COMP-5MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/14/2023
 Supervised By :Ankita Jodhani 04/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 22:50:55 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...	3.326	2.652	42885030	41584014	18.438	20.832
28)	SA Decachlor...	8.745	7.767	30586399	36117442	17.091	18.211
Target Compounds							
2)	A alpha-BHC	3.775	3.151	147.5E6	136.3E6	43.034	46.768
3)	MA gamma-BHC...	4.103	3.478	136.6E6	135.2E6	42.984	48.542
4)	MA Heptachlor	4.681	3.811	124.5E6	129.8E6	39.482m	45.276
5)	MB Aldrin	5.018	4.088	123.9E6	127.2E6	43.318	47.750
6)	B beta-BHC	4.306	3.778	61014448	56462507	40.539	47.408
7)	B delta-BHC	4.548	4.005	136.6E6	127.1E6	44.947	49.165
8)	B Heptachlo...	5.445	4.590	114.4E6	115.9E6	42.056	47.739
9)	A Endosulfan I	5.826	4.957	101.0E6	106.4E6	40.883	48.178
10)	B gamma-Chl...	5.700	4.838	109.1E6	113.6E6	41.550	46.751
11)	B alpha-Chl...	5.778	4.902	108.2E6	115.3E6	41.815	47.455
12)	B 4,4'-DDE	5.955	5.092	94814172	97721635	42.072	49.610
13)	MA Dieldrin	6.100	5.221	103.9E6	110.7E6	42.899	49.210
14)	MA Endrin	6.327	5.496	86464795	97808735	40.877	48.331
15)	B Endosulfa...	6.549	5.791	88710402	95578311	41.803	52.688m#
16)	A 4,4'-DDD	6.471	5.645	79415114	83104984	44.034	54.763m
17)	MA 4,4'-DDT	6.782	5.895	70926534	75326690	34.945	43.711 #
18)	B Endrin al...	6.679	5.973	73778091	79945115	45.094	51.478
19)	B Endosulfa...	6.913	6.195	87956952	89043090	42.205	45.764
20)	A Methoxychlor	7.263	6.474	41897992	46172361	38.906	46.356m
21)	B Endrin ke...	7.393	6.701	92909550	105.4E6	44.355	49.338
22)	Mirex	7.856	6.870	72229620	89239669	42.159m	46.485m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
Data File : PL082071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2023 18:29
Operator : AR\AJ
Sample : 02283-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

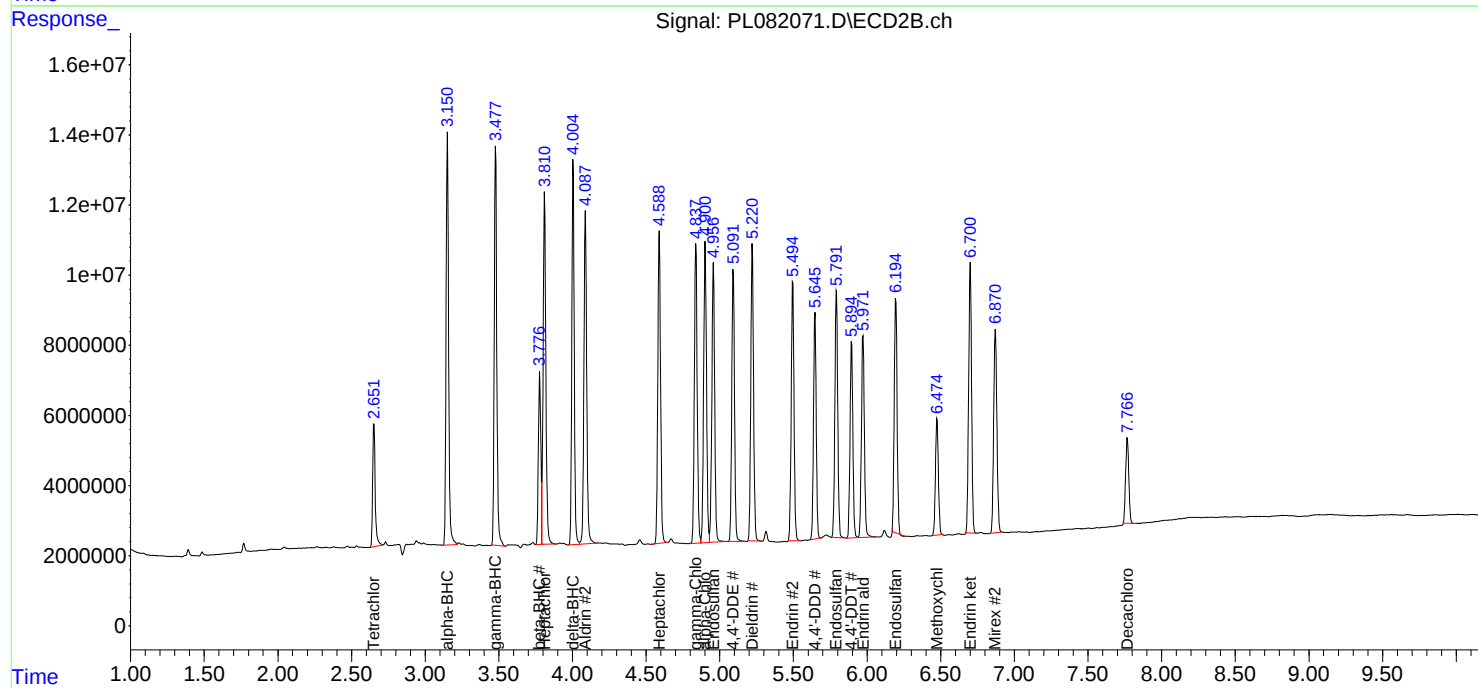
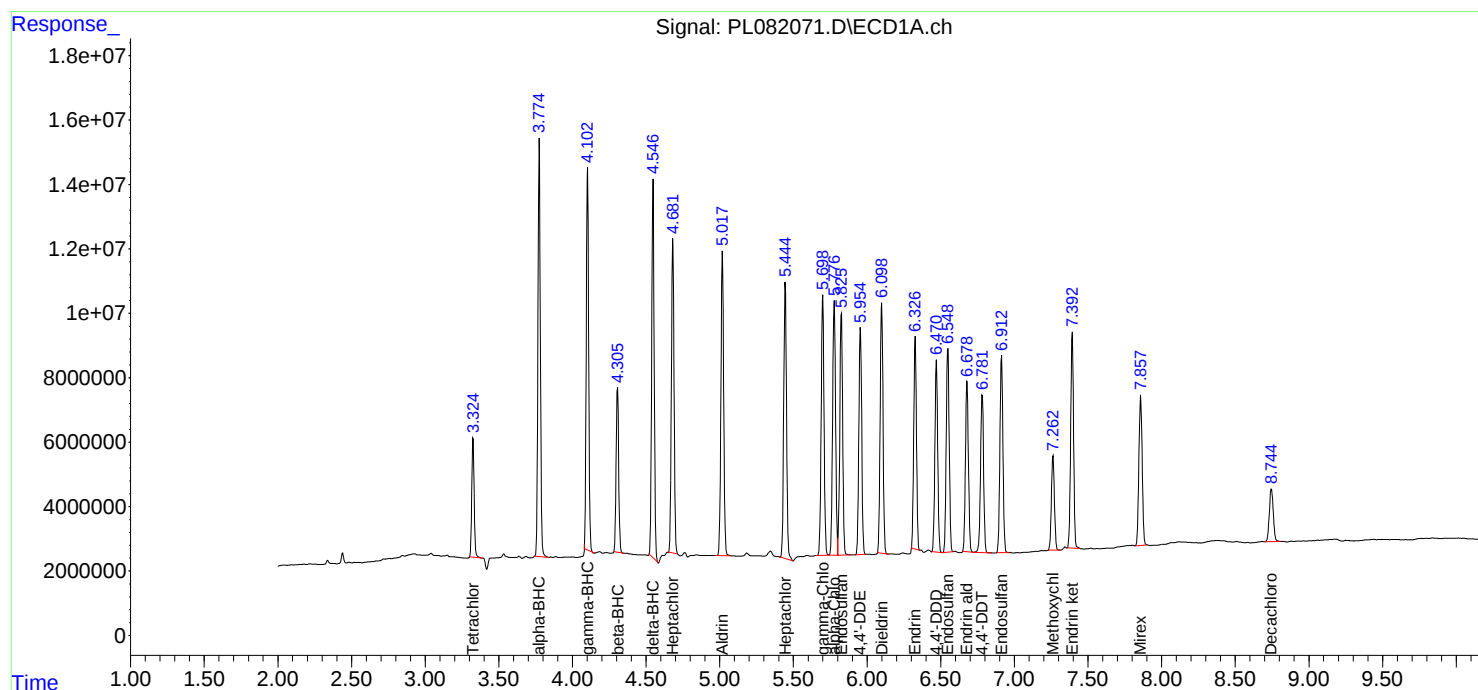
Instrument :
ECD_L
ClientSampleId :
20230327-COMP-5MSD

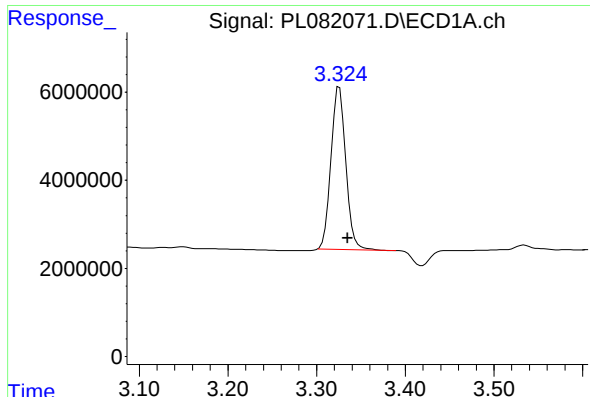
Manual Integrations
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Supervised By :Ankita Jodhani 04/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 13 22:50:55 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





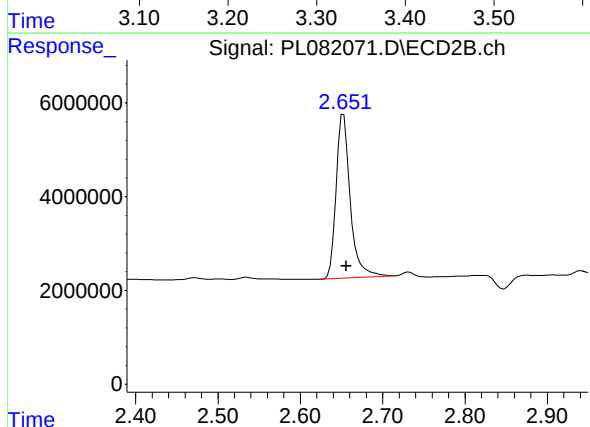
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 42885030
Conc: 18.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230327-COMP-5MSD

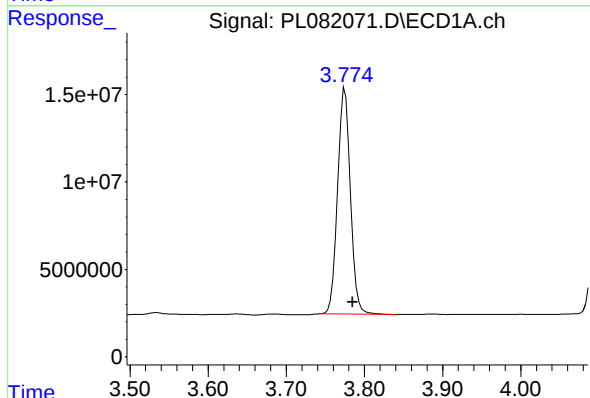
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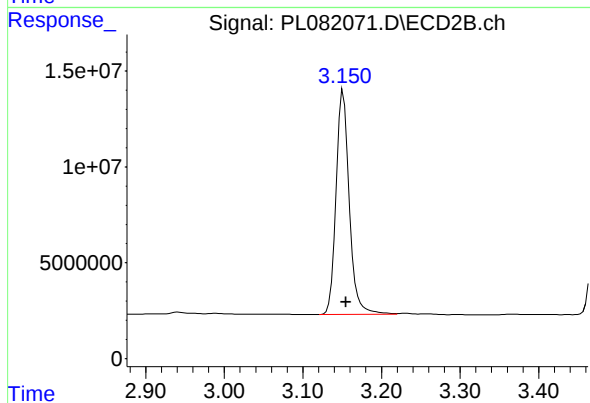
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: -0.004 min
Response: 41584014
Conc: 20.83 ng/ml



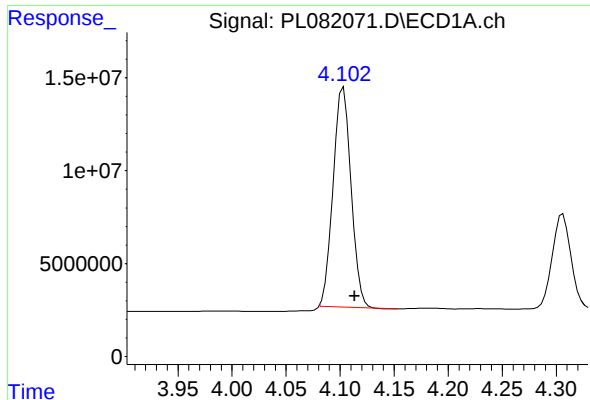
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.010 min
Response: 147535425
Conc: 43.03 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.003 min
Response: 136329406
Conc: 46.77 ng/ml



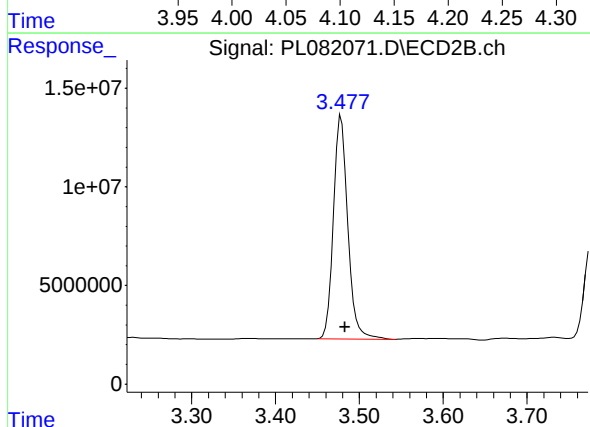
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: -0.010 min
Response: 136553432
Conc: 42.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230327-COMP-5MSD

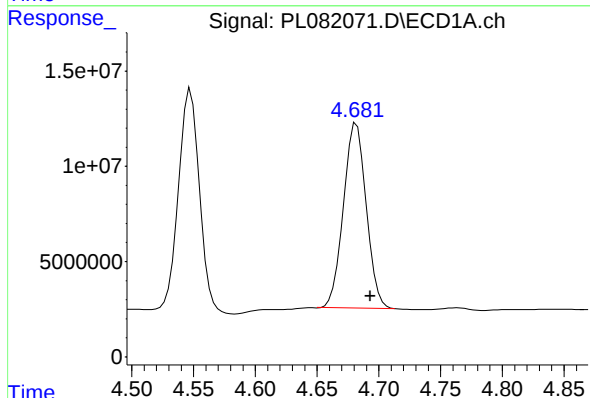
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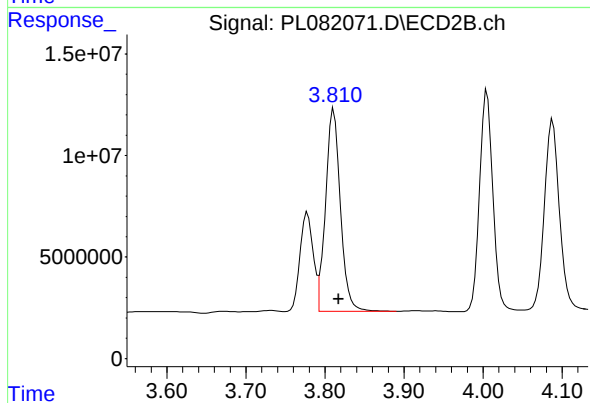
#3 gamma-BHC (Lindane)

R.T.: 3.478 min
Delta R.T.: -0.005 min
Response: 135151954
Conc: 48.54 ng/ml



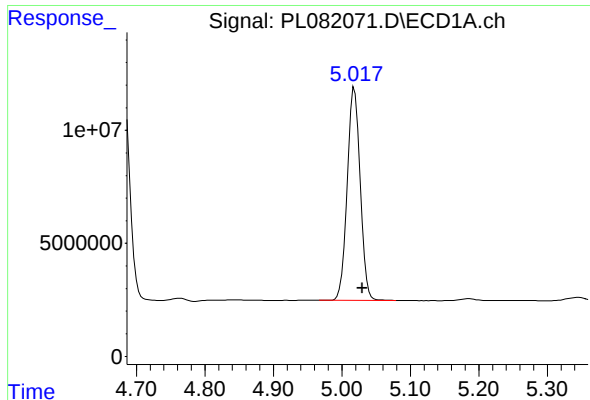
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: -0.013 min
Response: 124453339
Conc: 39.48 ng/ml m



#4 Heptachlor

R.T.: 3.811 min
Delta R.T.: -0.006 min
Response: 129803915
Conc: 45.28 ng/ml



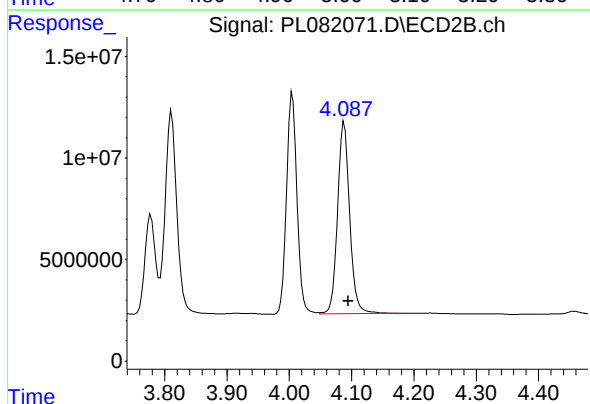
#5 Aldrin

R.T.: 5.018 min
Delta R.T.: -0.011 min
Response: 123903145
Conc: 43.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
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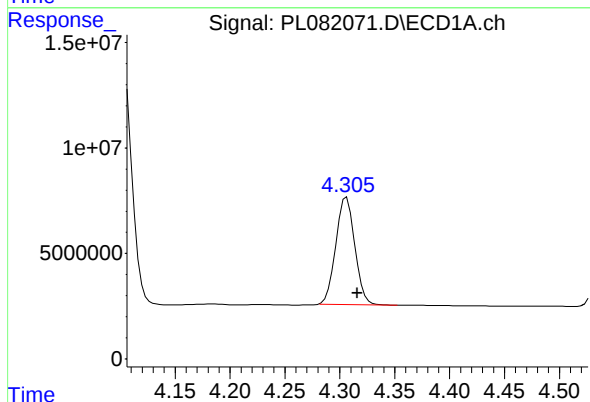
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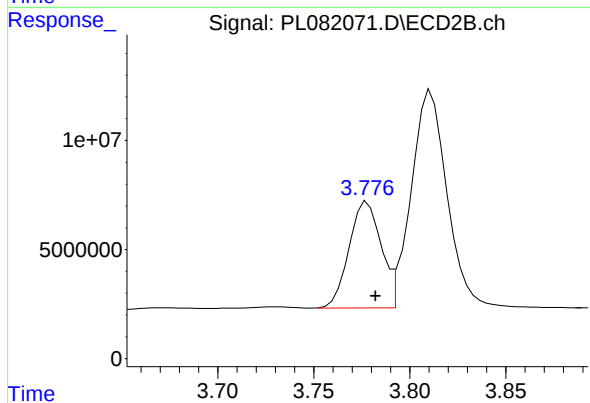
#5 Aldrin

R.T.: 4.088 min
Delta R.T.: -0.007 min
Response: 127228195
Conc: 47.75 ng/ml



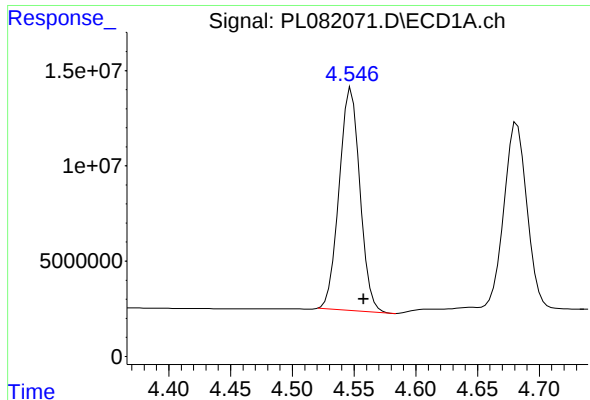
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.009 min
Response: 61014448
Conc: 40.54 ng/ml



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.005 min
Response: 56462507
Conc: 47.41 ng/ml



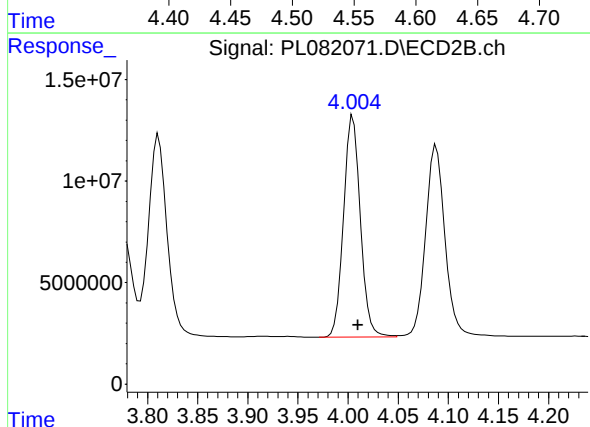
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: -0.010 min
Response: 136602087
Conc: 44.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230327-COMP-5MSD

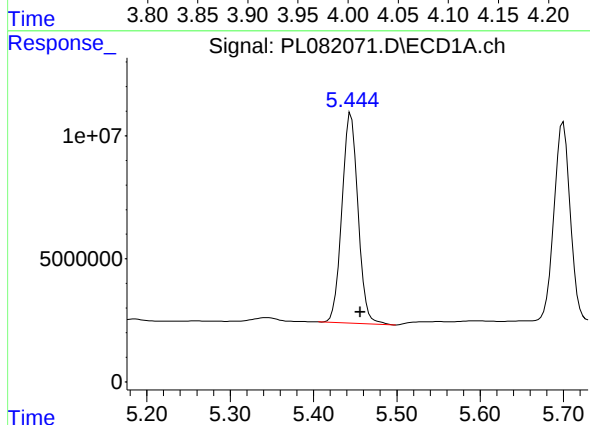
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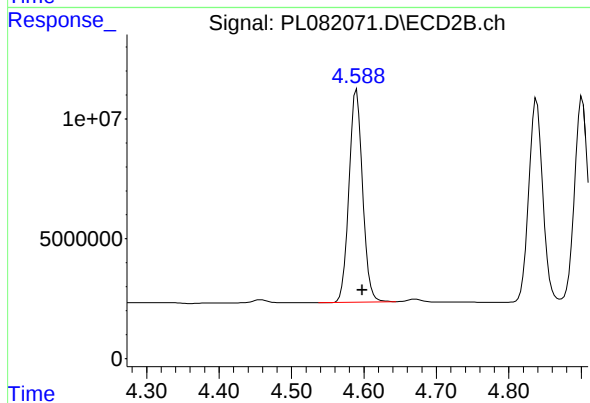
#7 delta-BHC

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 127144683
Conc: 49.16 ng/ml



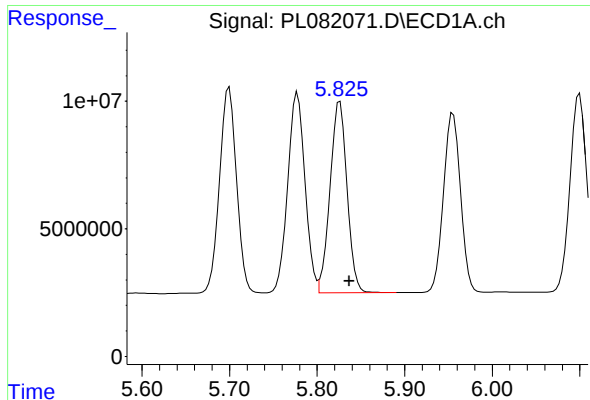
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: -0.011 min
Response: 114393186
Conc: 42.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.590 min
Delta R.T.: -0.008 min
Response: 115945553
Conc: 47.74 ng/ml



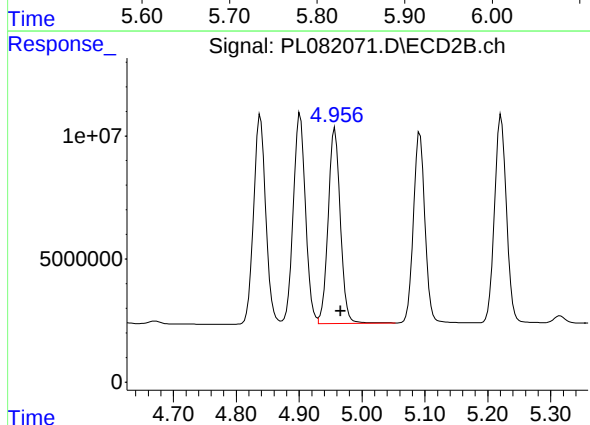
#9 Endosulfan I

R.T.: 5.826 min
Delta R.T.: -0.010 min
Response: 101014642
Conc: 40.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
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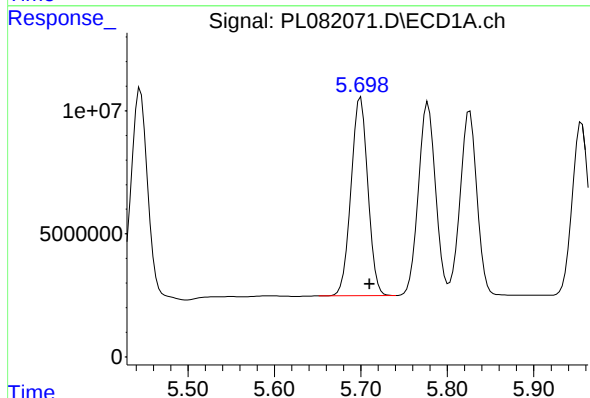
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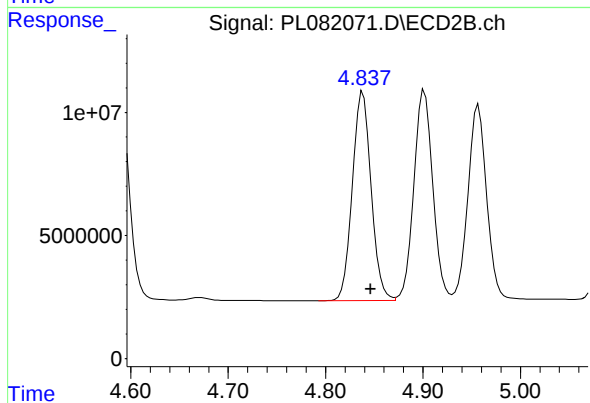
#9 Endosulfan I

R.T.: 4.957 min
Delta R.T.: -0.009 min
Response: 106364474
Conc: 48.18 ng/ml



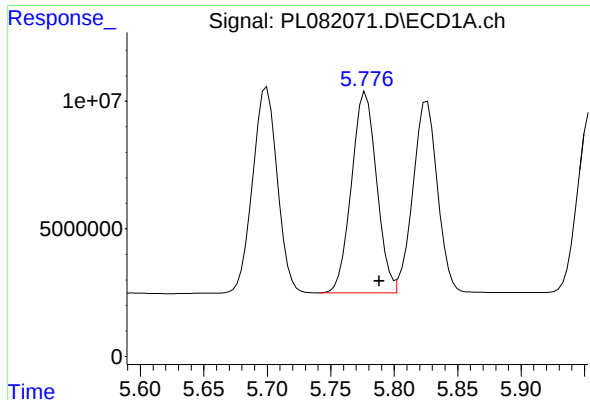
#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: -0.011 min
Response: 109077349
Conc: 41.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 113622479
Conc: 46.75 ng/ml



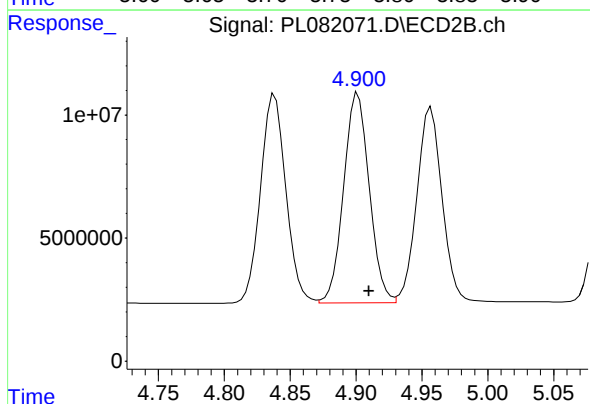
#11 alpha-Chlordane

R.T.: 5.778 min
Delta R.T.: -0.011 min
Response: 108233902
Conc: 41.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230327-COMP-5MSD

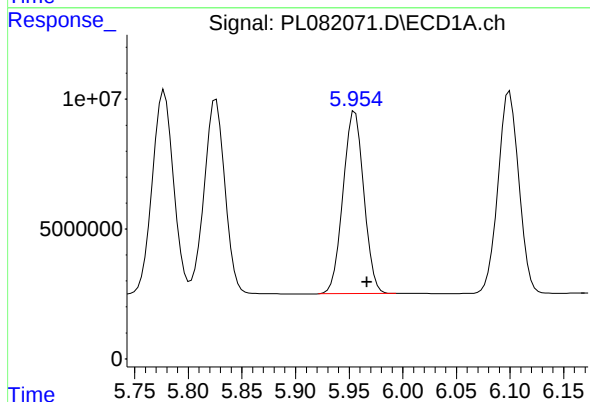
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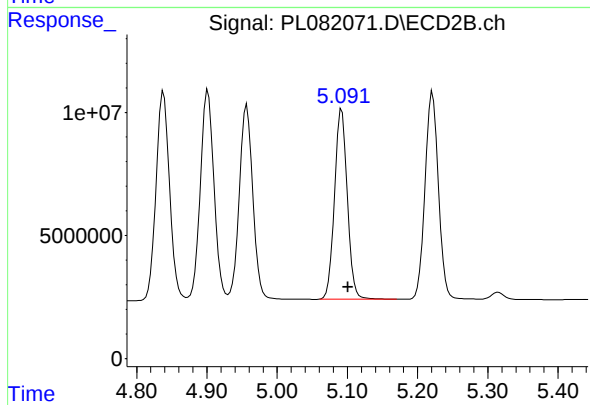
#11 alpha-Chlordane

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 115264784
Conc: 47.45 ng/ml



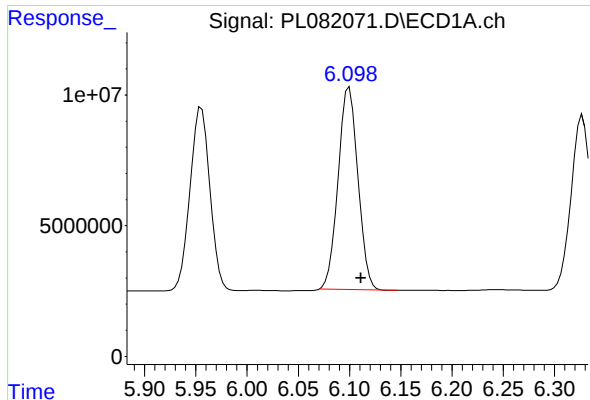
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 94814172
Conc: 42.07 ng/ml



#12 4,4'-DDE

R.T.: 5.092 min
Delta R.T.: -0.009 min
Response: 97721635
Conc: 49.61 ng/ml



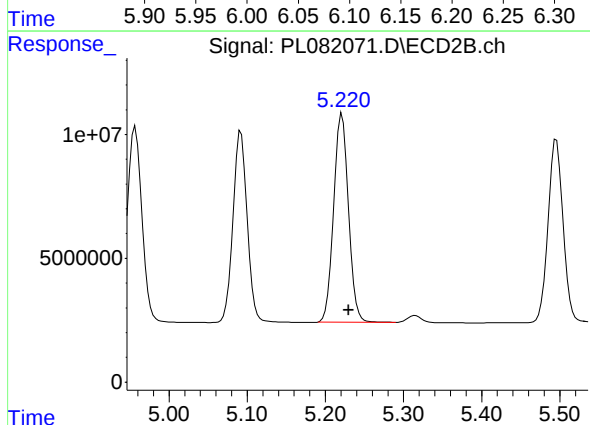
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: -0.011 min
Response: 103855320
Conc: 42.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230327-COMP-5MSD

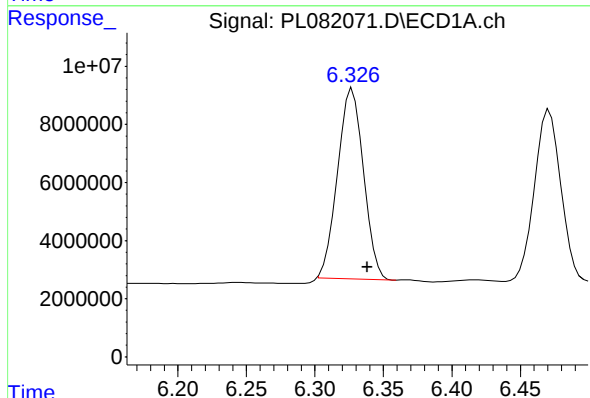
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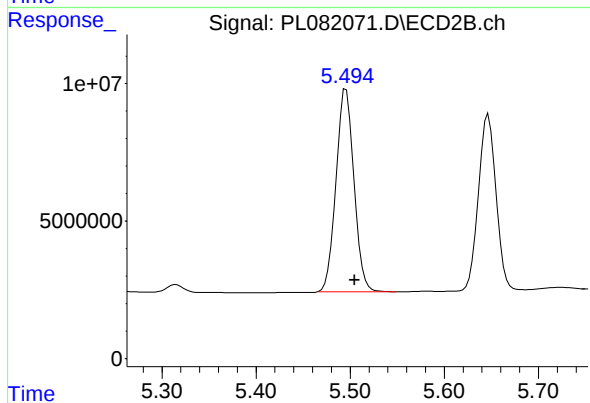
#13 Dieldrin

R.T.: 5.221 min
Delta R.T.: -0.008 min
Response: 110695335
Conc: 49.21 ng/ml



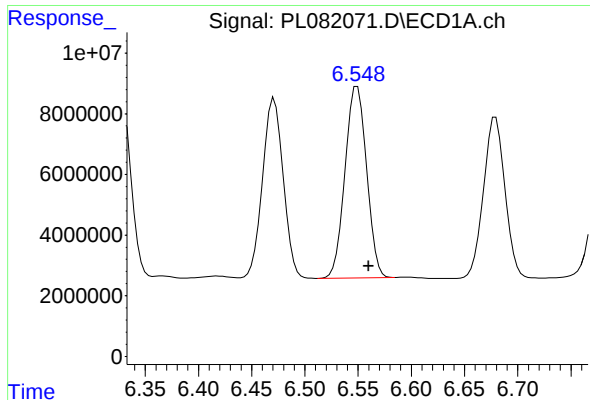
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 86464795
Conc: 40.88 ng/ml



#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.009 min
Response: 97808735
Conc: 48.33 ng/ml



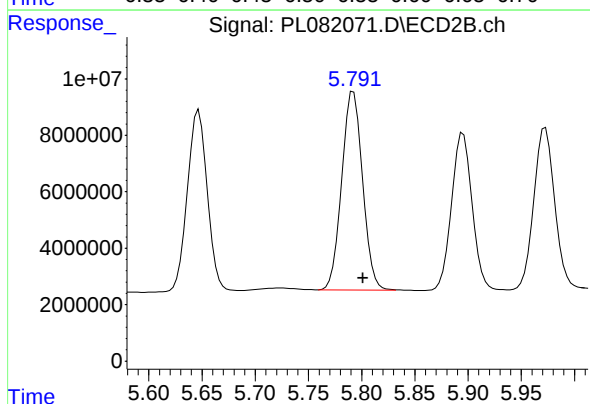
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 88710402
Conc: 41.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230327-COMP-5MSD

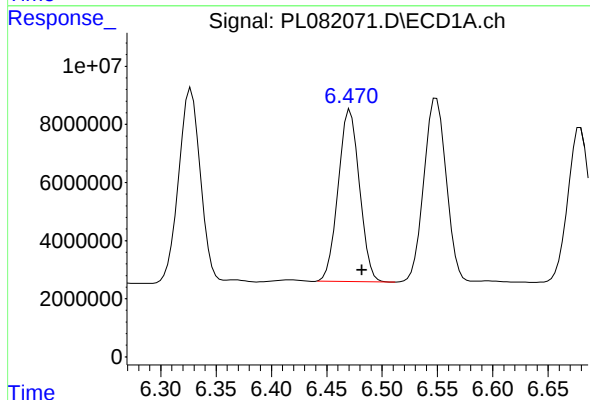
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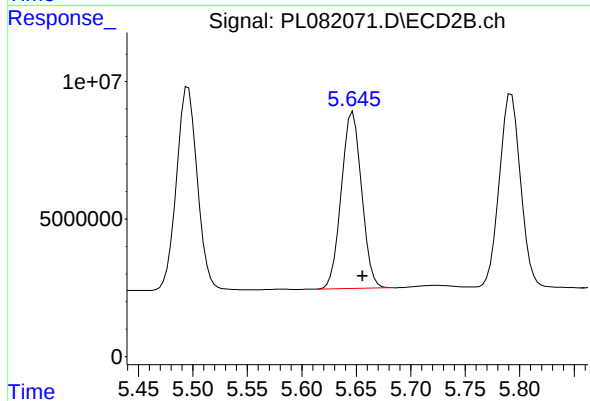
#15 Endosulfan II

R.T.: 5.791 min
Delta R.T.: -0.010 min
Response: 95578311
Conc: 52.69 ng/ml m



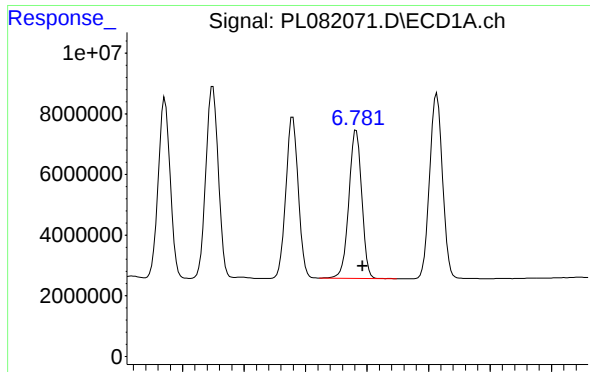
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: -0.011 min
Response: 79415114
Conc: 44.03 ng/ml



#16 4,4'-DDD

R.T.: 5.645 min
Delta R.T.: -0.010 min
Response: 83104984
Conc: 54.76 ng/ml m



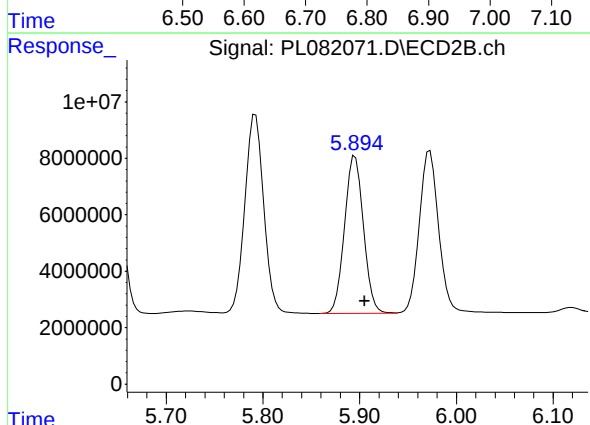
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: -0.011 min
Response: 70926534
Conc: 34.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230327-COMP-5MSD

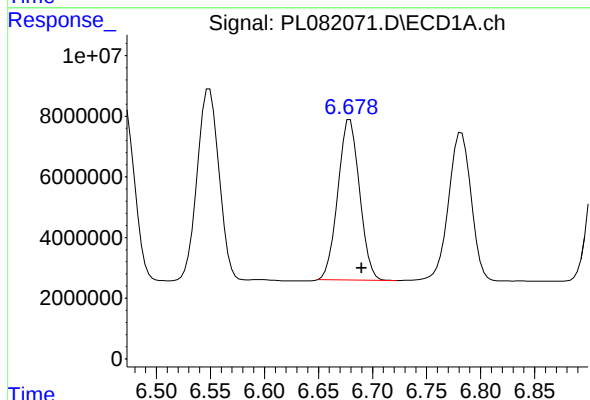
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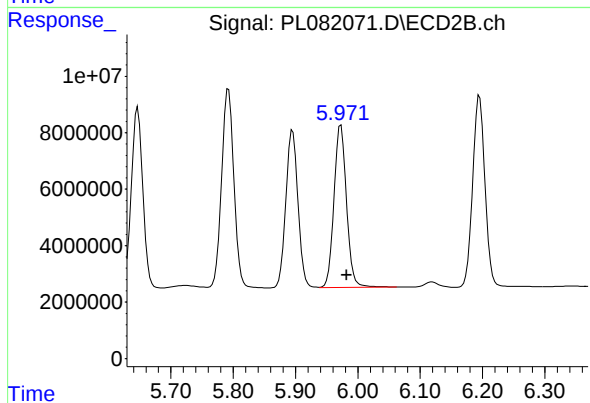
#17 4,4'-DDT

R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 75326690
Conc: 43.71 ng/ml



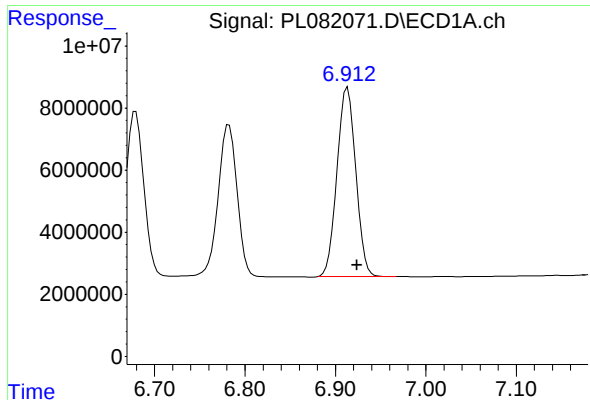
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 73778091
Conc: 45.09 ng/ml



#18 Endrin aldehyde

R.T.: 5.973 min
Delta R.T.: -0.009 min
Response: 79945115
Conc: 51.48 ng/ml



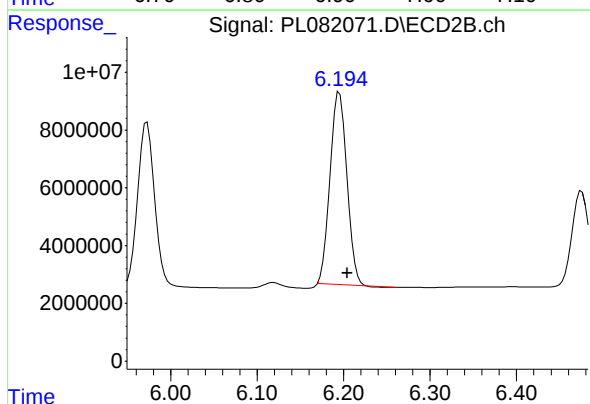
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: -0.010 min
Response: 87956952
Conc: 42.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230327-COMP-5MSD

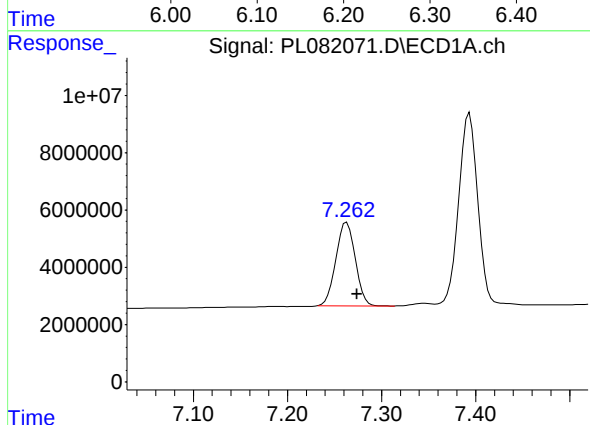
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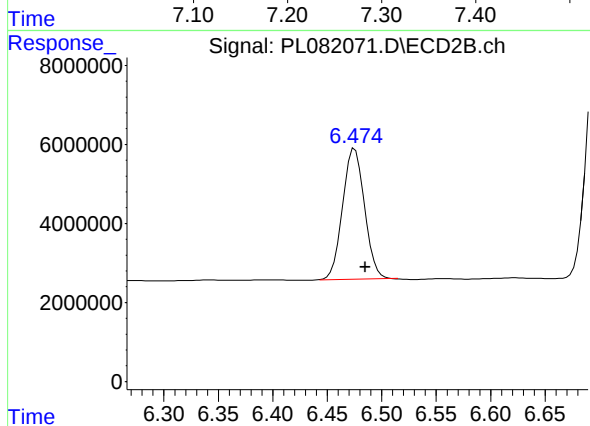
#19 Endosulfan Sulfate

R.T.: 6.195 min
Delta R.T.: -0.009 min
Response: 89043090
Conc: 45.76 ng/ml



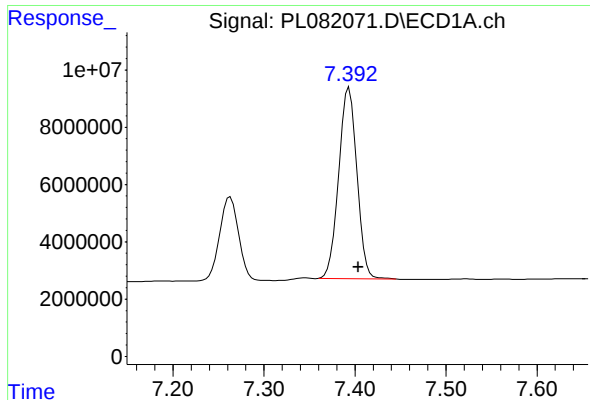
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 41897992
Conc: 38.91 ng/ml



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: -0.011 min
Response: 46172361
Conc: 46.36 ng/ml m



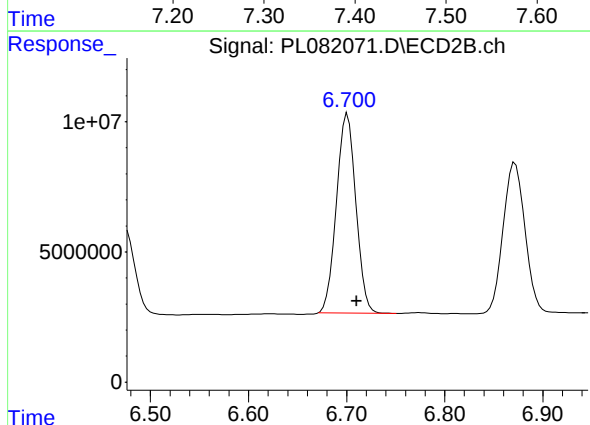
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 92909550
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230327-COMP-5MSD

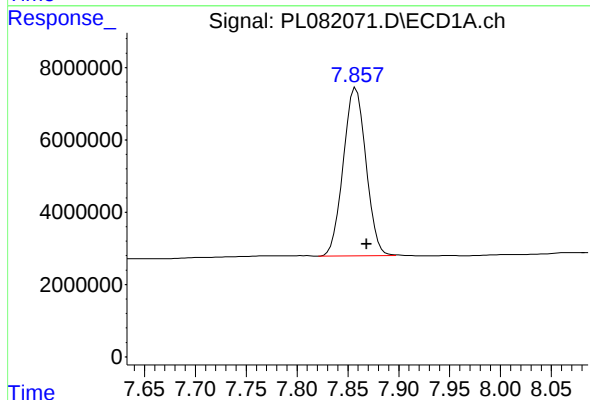
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2023
Supervised By :Ankita Jodhani 04/14/2023



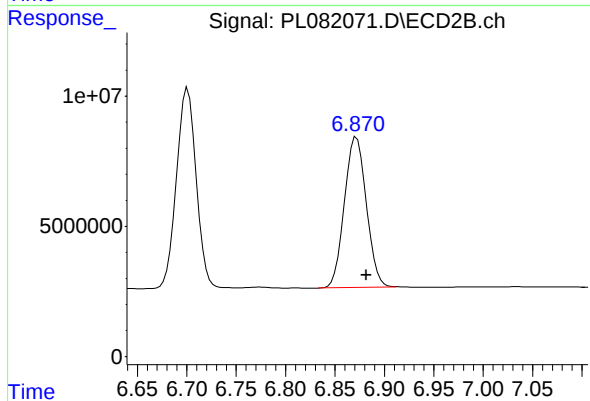
#21 Endrin ketone

R.T.: 6.701 min
Delta R.T.: -0.009 min
Response: 105435607
Conc: 49.34 ng/ml



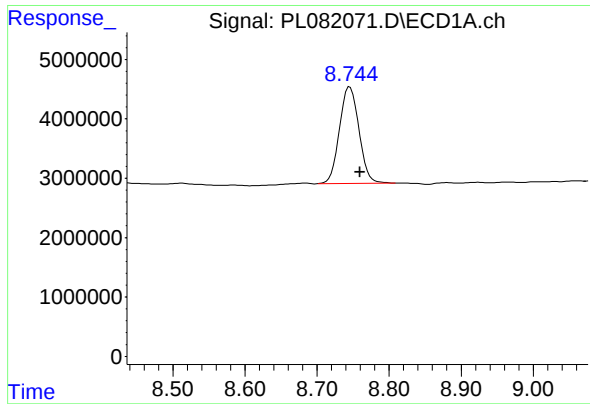
#22 Mirex

R.T.: 7.856 min
Delta R.T.: -0.012 min
Response: 72229620
Conc: 42.16 ng/ml m



#22 Mirex

R.T.: 6.870 min
Delta R.T.: -0.011 min
Response: 89239669
Conc: 46.49 ng/ml m



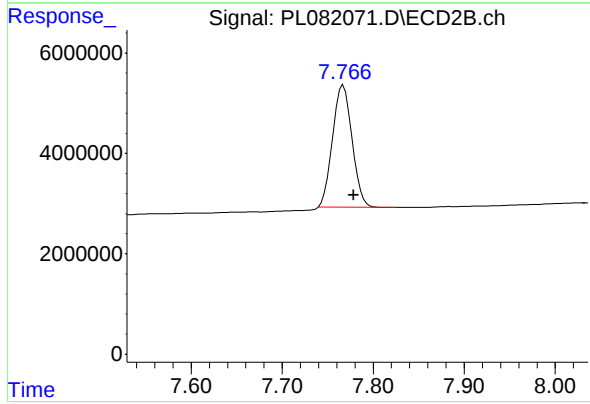
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: -0.014 min
Response: 30586399
Conc: 17.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
20230327-COMP-5MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: -0.011 min
Response: 36117442
Conc: 18.21 ng/ml