

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082423\
 Data File : PL084970.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2023 14:02
 Operator : AR\AJ
 Sample : 04135-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 328MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/25/2023
 Supervised By : mohammad ahmed 08/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 21:58:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.477	2.685	34160875	15952575	14.702	14.670
2)	SA Decachlor...	9.027	7.865	27117094	14775315	16.666	11.851 #
Target Compounds							
2)	A alpha-BHC	3.935	3.190	162.3E6	79966539	49.158	51.789
3)	MA gamma-BHC...	4.269	3.521	147.3E6	75705308	46.191	49.821
4)	MA Heptachlor	4.860	3.861	165.9E6	73887461	49.320m	51.882
5)	MB Aldrin	5.205	4.141	147.6E6	71066134	44.661	48.897
6)	B beta-BHC	4.469	3.823	65710905	32563883	47.040	48.601
7)	B delta-BHC	4.716	4.051	155.0E6	73999404	48.067	48.741
8)	B Heptachlo...	5.634	4.648	137.5E6	65158197	45.640	49.109
9)	A Endosulfan I	6.020	5.019	119.1E6	60923198	45.264	49.159
10)	B gamma-Chl...	5.891	4.900	132.2E6	72811066	46.172	53.685
11)	B alpha-Chl...	5.971	4.965	139.8E6	69801578	49.522	51.231
12)	B 4,4'-DDE	6.151	5.163	107.7E6	68033139	46.926	55.246
13)	MA Dieldrin	6.297	5.285	115.1E6	66102017	43.555	48.684
14)	MA Endrin	6.527	5.560	95179733	60625370	43.641	49.563
15)	B Endosulfa...	6.747	5.857	86439061	54842617	40.869	45.453
16)	A 4,4'-DDD	6.669	5.720	85417416	50773238	50.947	49.140
17)	MA 4,4'-DDT	6.985	5.973	95891308	61152259	51.177	52.692
18)	B Endrin al...	6.878	6.040	69947607	48445128	41.464	48.848
19)	B Endosulfa...	7.114	6.264	82687692	52450262	41.392	44.106
20)	A Methoxychlor	7.466	6.558	37009948	33710129	38.565	49.133 #
21)	B Endrin ke...	7.598	6.769	82041491	60103406	41.012	41.657
22)	Mirex	8.073	6.950	65739446	44703960	39.582	38.762

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082423\
Data File : PL084970.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2023 14:02
Operator : AR\AJ
Sample : 04135-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

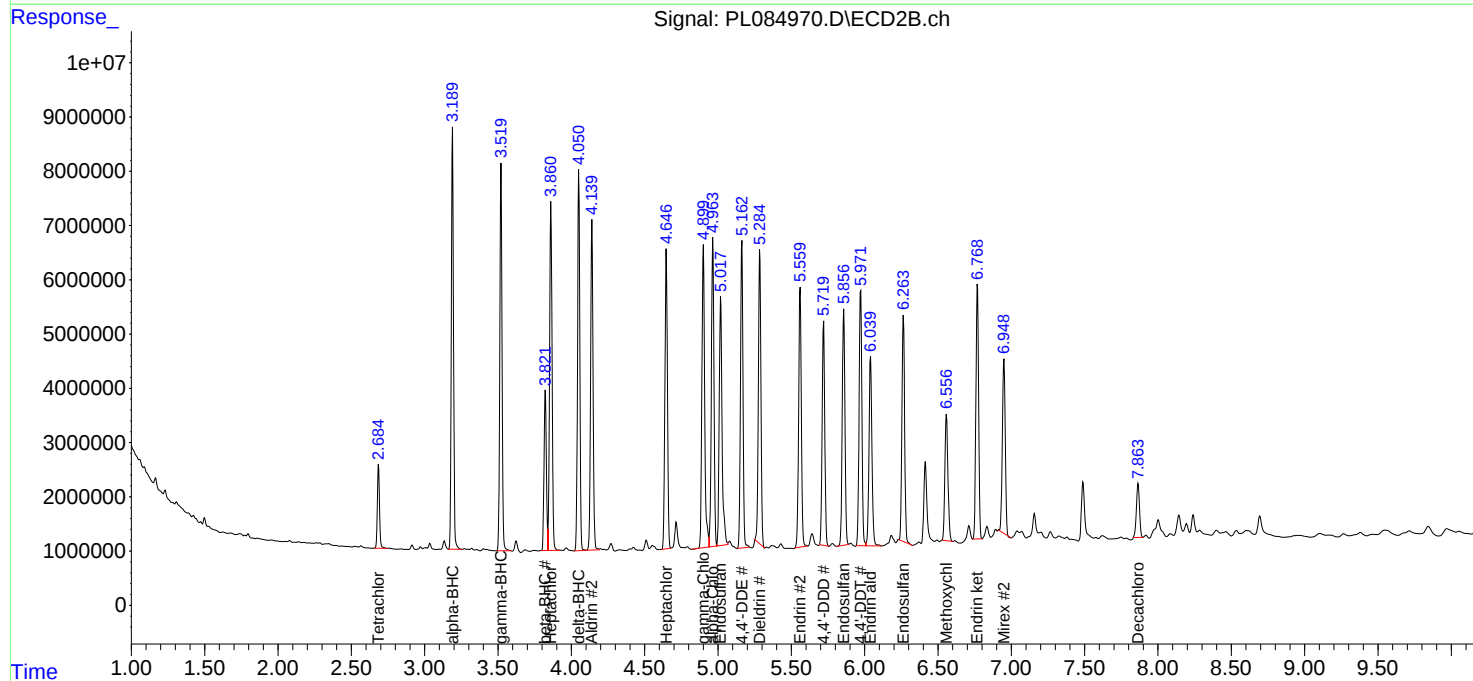
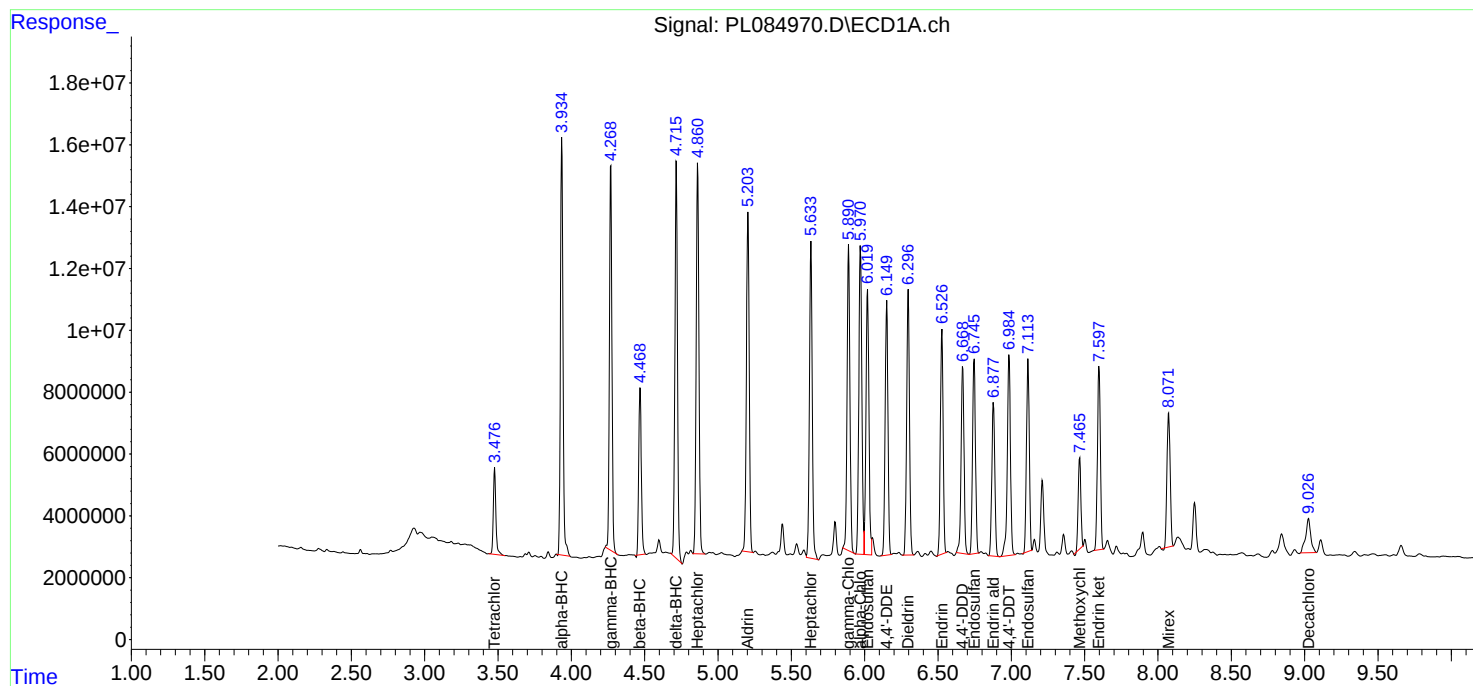
Instrument :
ECD_L
ClientSampleId :
328MS

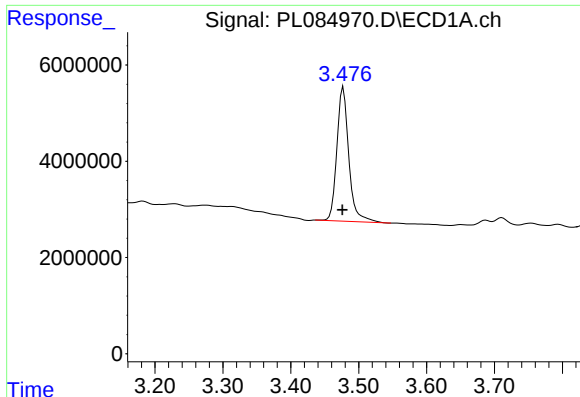
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 21:58:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
Response 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





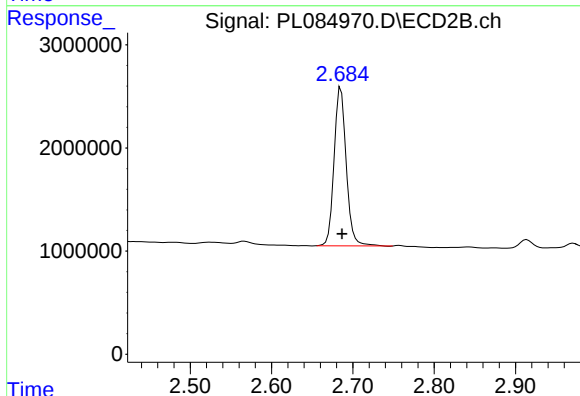
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.001 min
Response: 34160875
Conc: 14.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

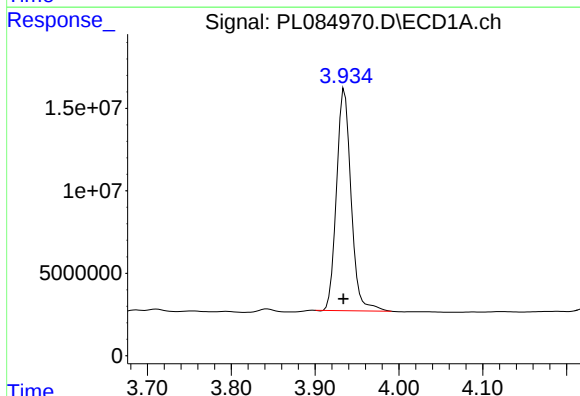
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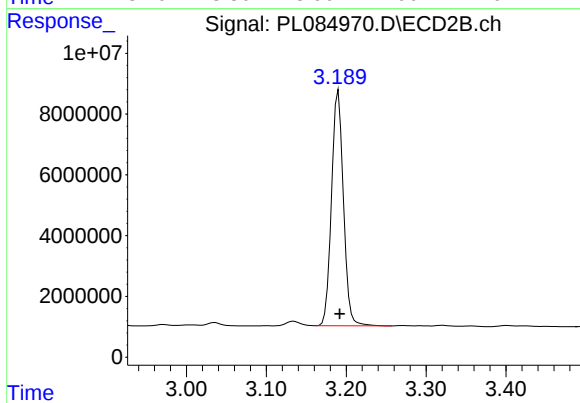
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.001 min
Response: 15952575
Conc: 14.67 ng/ml



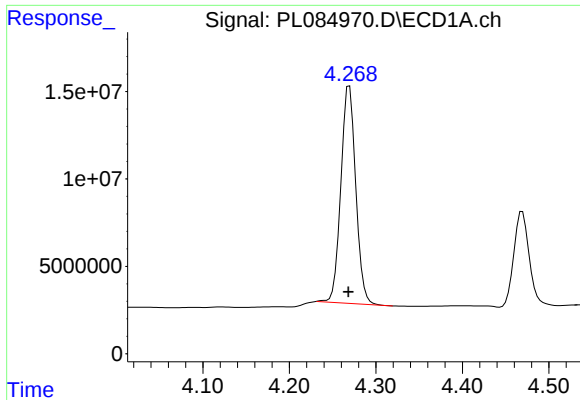
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 162288990
Conc: 49.16 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 79966539
Conc: 51.79 ng/ml



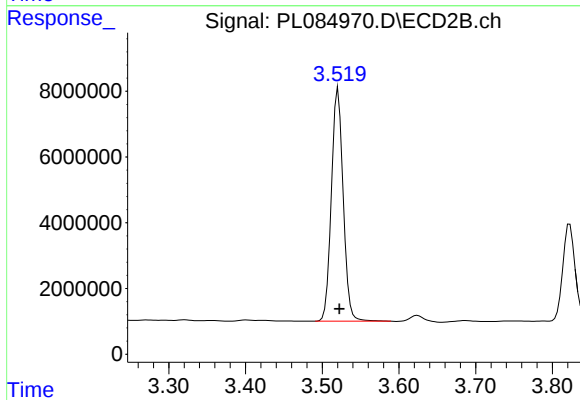
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.001 min
Response: 147349900
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

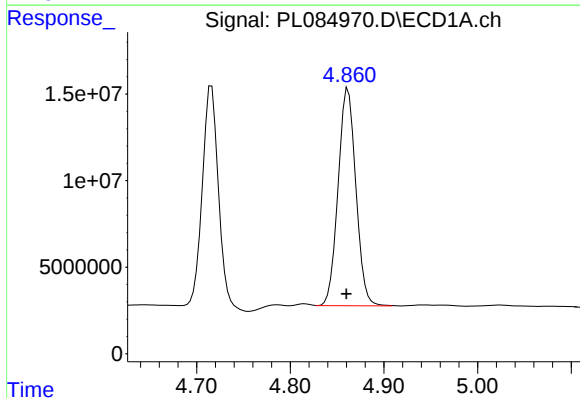
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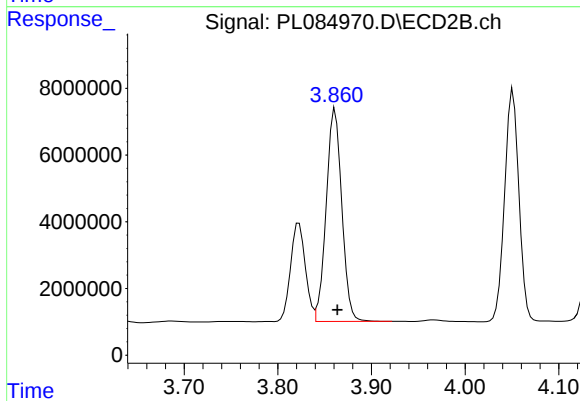
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 75705308
Conc: 49.82 ng/ml



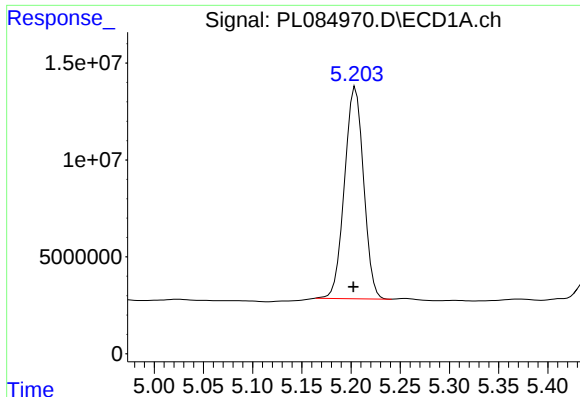
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 165855745
Conc: 49.32 ng/ml m



#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: -0.002 min
Response: 73887461
Conc: 51.88 ng/ml



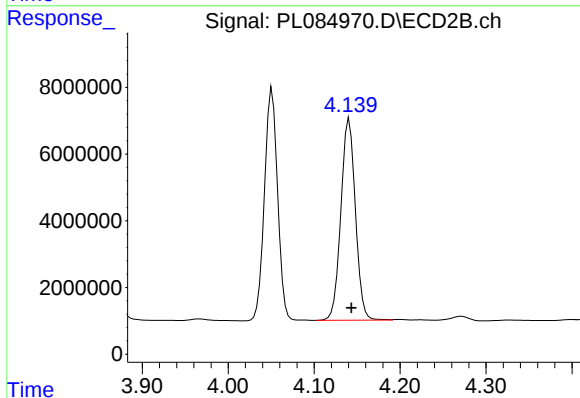
#5 Aldrin

R.T.: 5.205 min
Delta R.T.: 0.002 min
Response: 147620879
Conc: 44.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

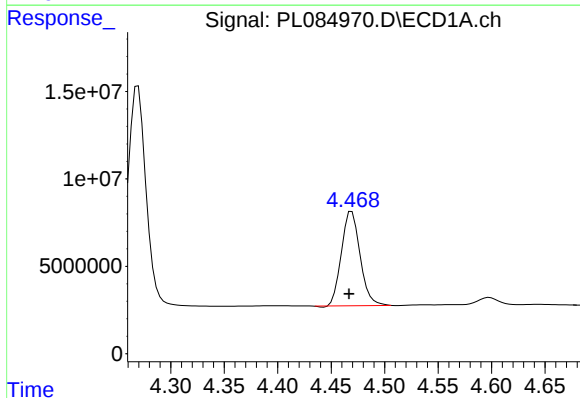
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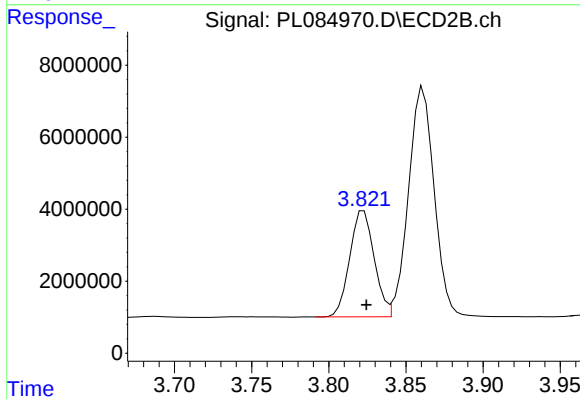
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 71066134
Conc: 48.90 ng/ml



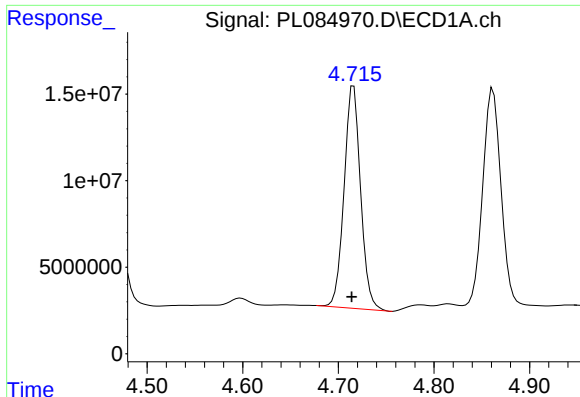
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 65710905
Conc: 47.04 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.002 min
Response: 32563883
Conc: 48.60 ng/ml



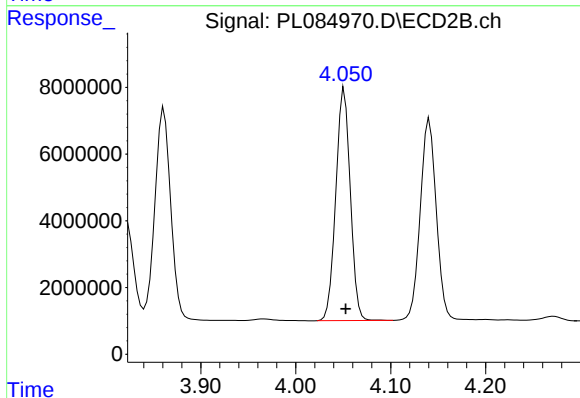
#7 delta-BHC

R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 155002522
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

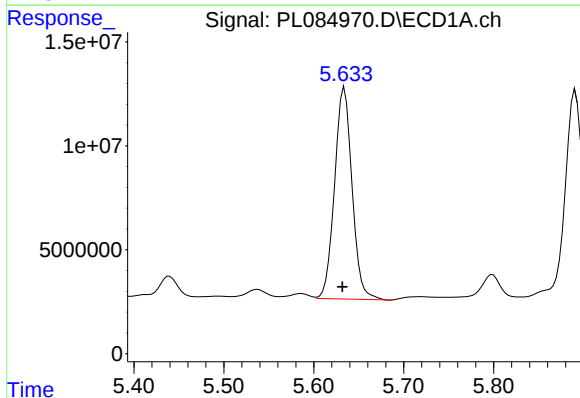
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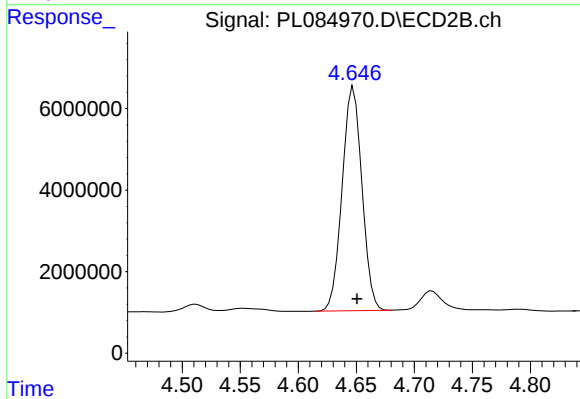
#7 delta-BHC

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 73999404
Conc: 48.74 ng/ml



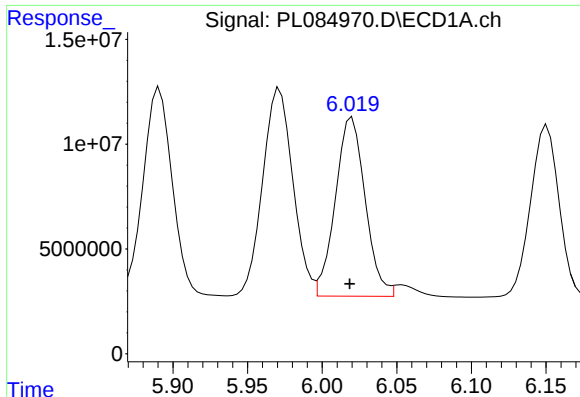
#8 Heptachlor epoxide

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 137499394
Conc: 45.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.003 min
Response: 65158197
Conc: 49.11 ng/ml



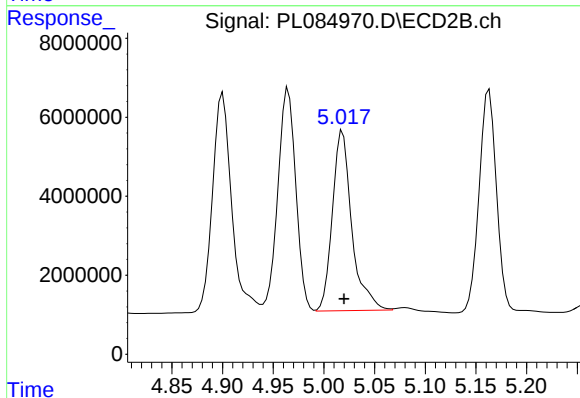
#9 Endosulfan I

R.T.: 6.020 min
Delta R.T.: 0.002 min
Response: 119145988
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

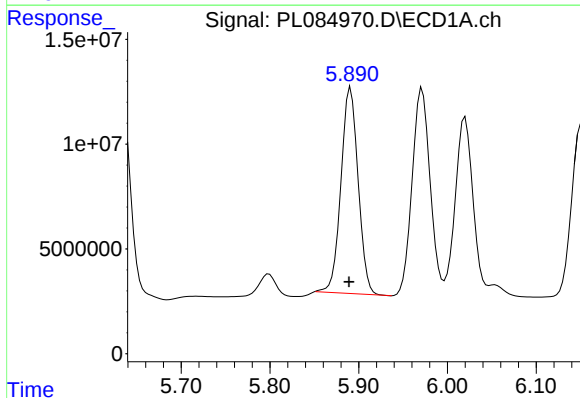
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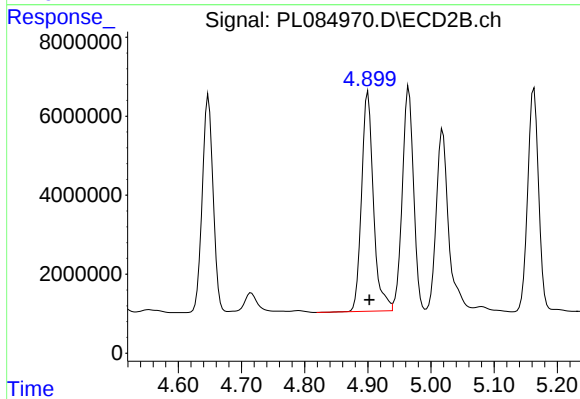
#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: -0.001 min
Response: 60923198
Conc: 49.16 ng/ml



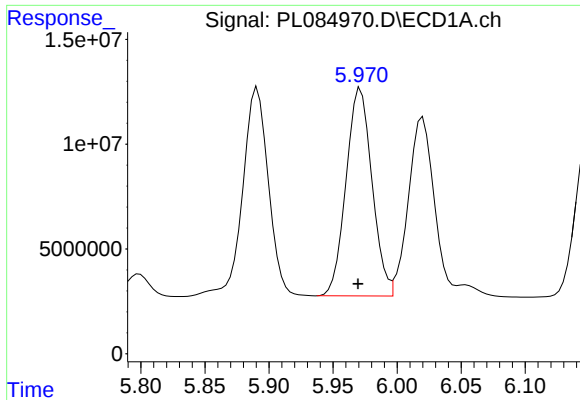
#10 gamma-Chlordane

R.T.: 5.891 min
Delta R.T.: 0.002 min
Response: 132219811
Conc: 46.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.900 min
Delta R.T.: -0.002 min
Response: 72811066
Conc: 53.69 ng/ml



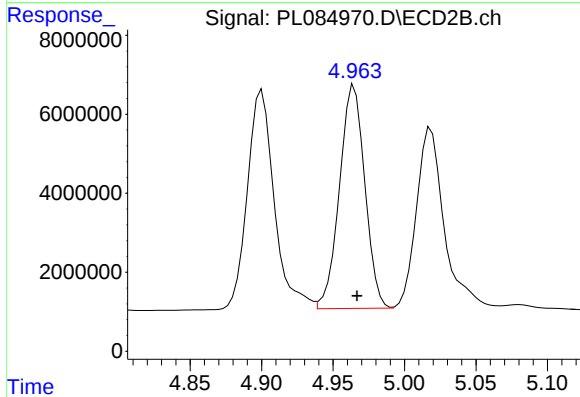
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.002 min
Response: 139810637
Conc: 49.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

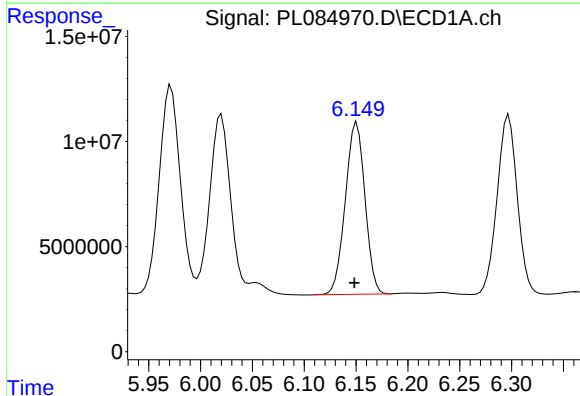
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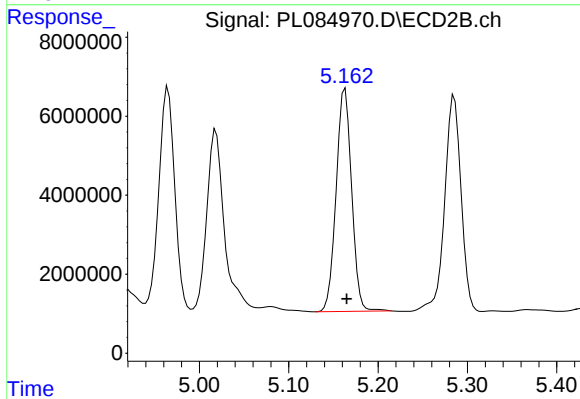
#11 alpha-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 69801578
Conc: 51.23 ng/ml



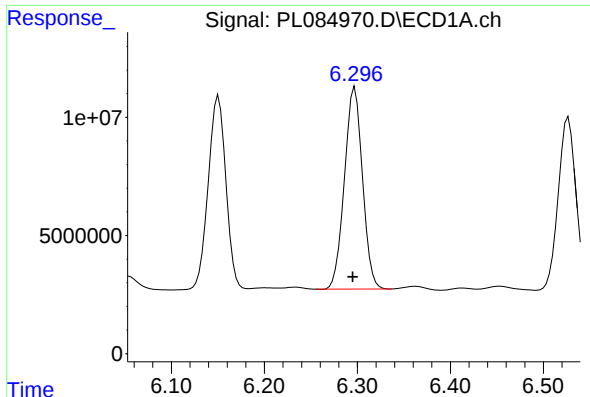
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 107707749
Conc: 46.93 ng/ml



#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 68033139
Conc: 55.25 ng/ml



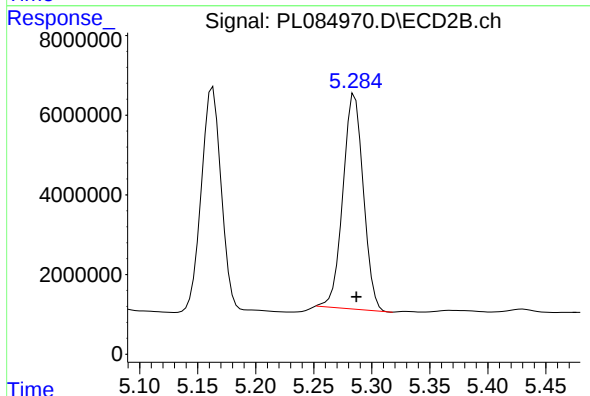
#13 Dieldrin

R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 115099738
Conc: 43.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

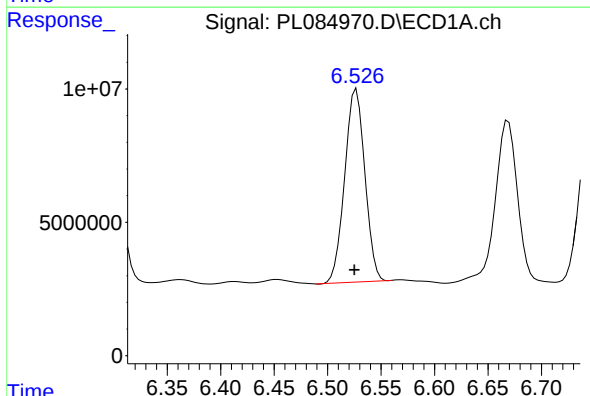
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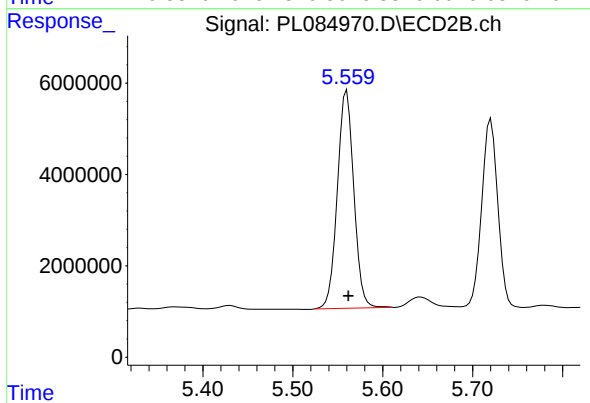
#13 Dieldrin

R.T.: 5.285 min
Delta R.T.: -0.001 min
Response: 66102017
Conc: 48.68 ng/ml



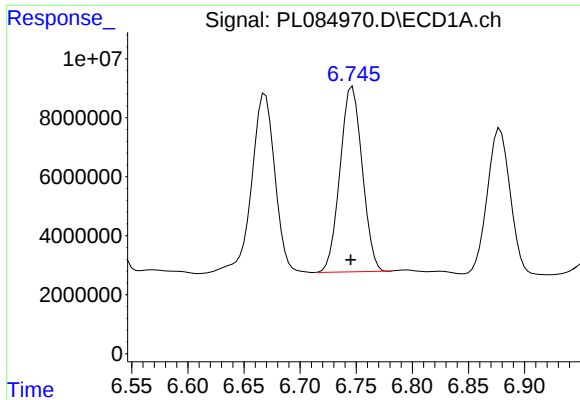
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 95179733
Conc: 43.64 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 60625370
Conc: 49.56 ng/ml



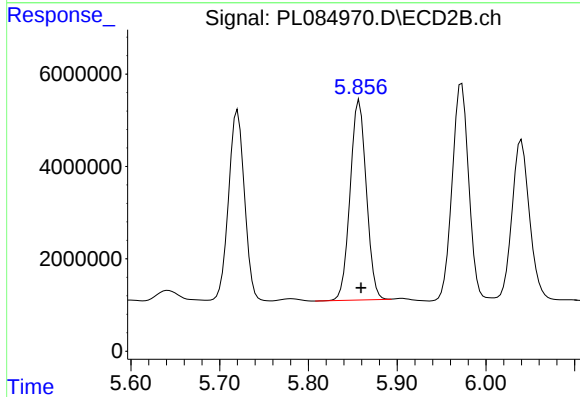
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 86439061
Conc: 40.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

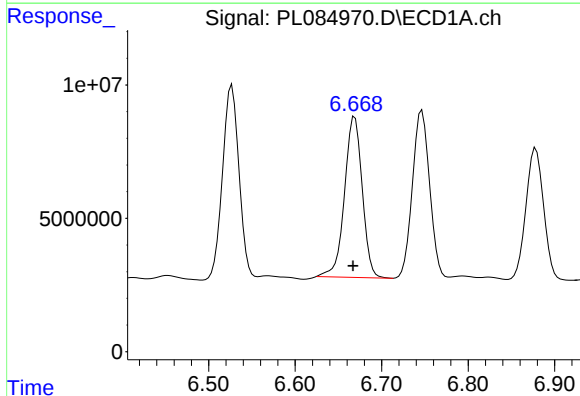
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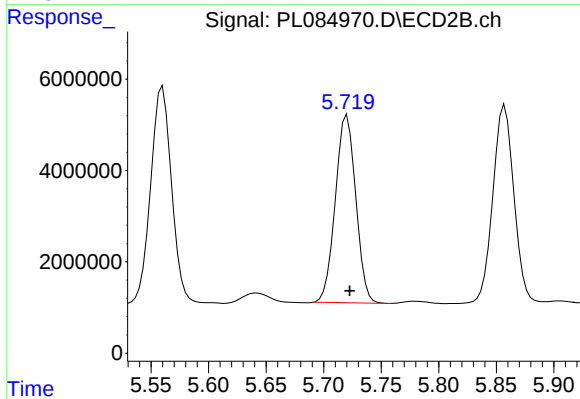
#15 Endosulfan II

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 54842617
Conc: 45.45 ng/ml



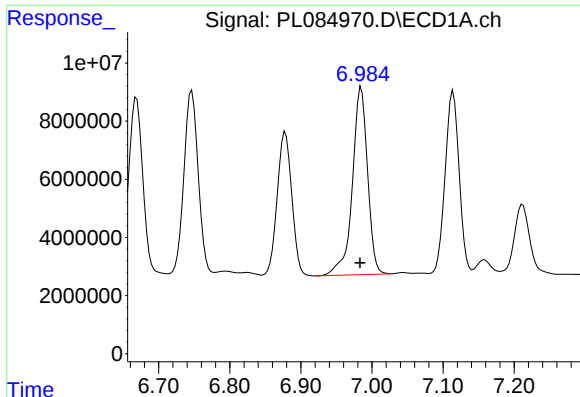
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 85417416
Conc: 50.95 ng/ml



#16 4,4'-DDD

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 50773238
Conc: 49.14 ng/ml



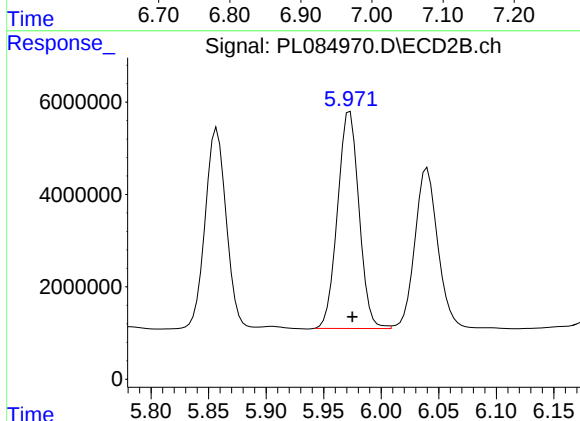
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.002 min
Response: 95891308
Conc: 51.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

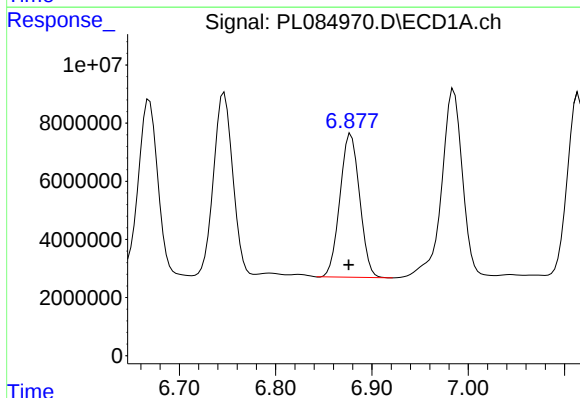
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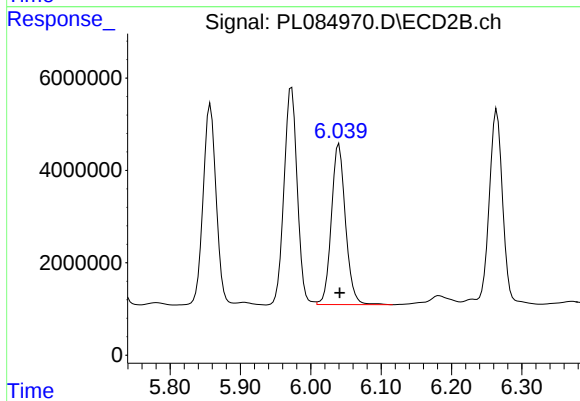
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 61152259
Conc: 52.69 ng/ml



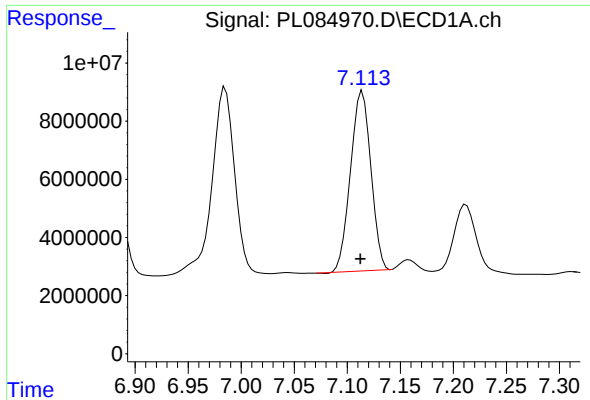
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.003 min
Response: 69947607
Conc: 41.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 48445128
Conc: 48.85 ng/ml



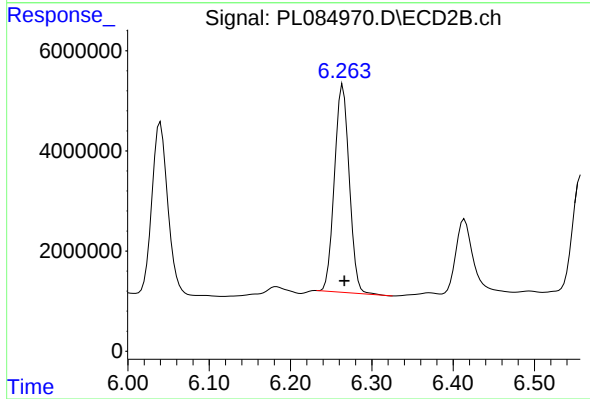
#19 Endosulfan Sulfate

R.T.: 7.114 min
Delta R.T.: 0.002 min
Response: 82687692
Conc: 41.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

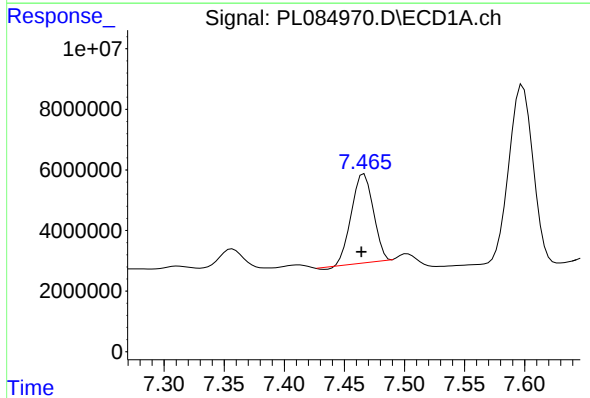
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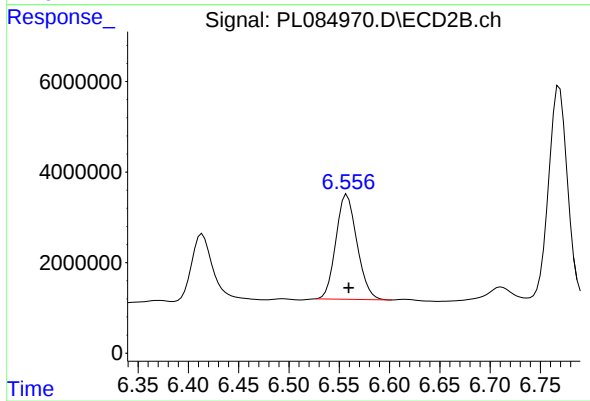
#19 Endosulfan Sulfate

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 52450262
Conc: 44.11 ng/ml



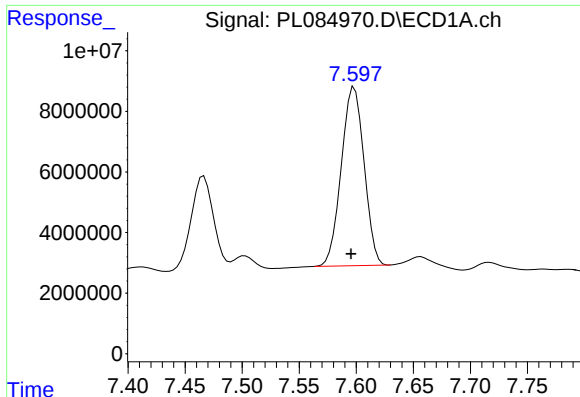
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 37009948
Conc: 38.56 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 33710129
Conc: 49.13 ng/ml



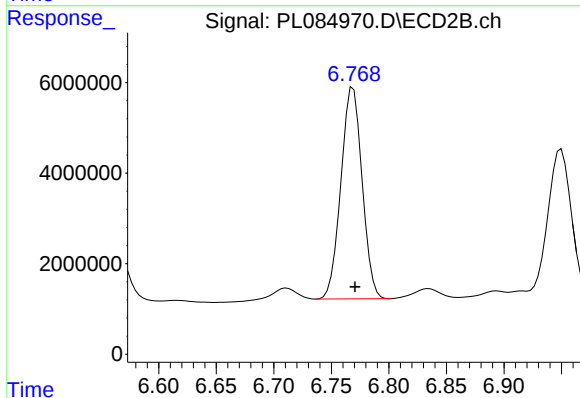
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.003 min
Response: 82041491
Conc: 41.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

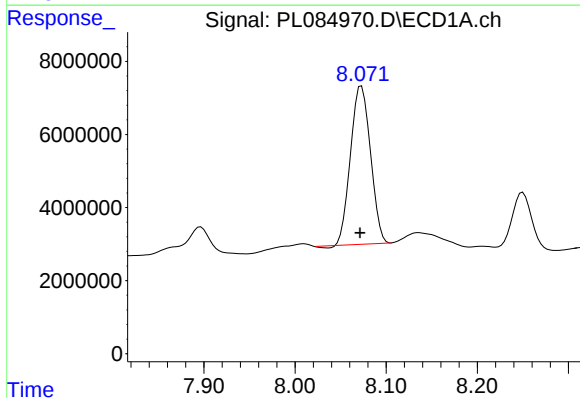
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



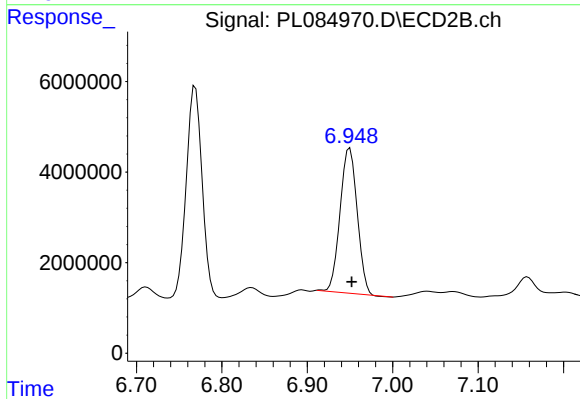
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 60103406
Conc: 41.66 ng/ml



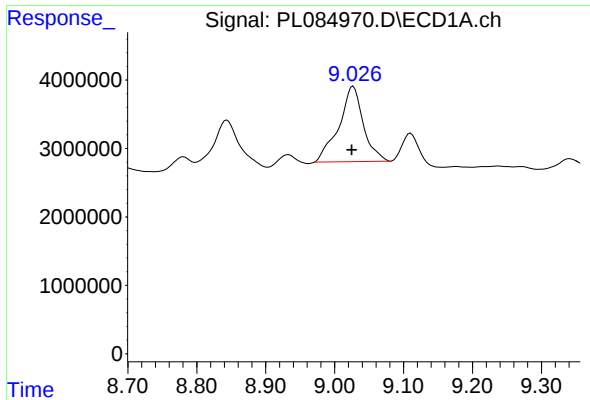
#22 Mirex

R.T.: 8.073 min
Delta R.T.: 0.001 min
Response: 65739446
Conc: 39.58 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.002 min
Response: 44703960
Conc: 38.76 ng/ml



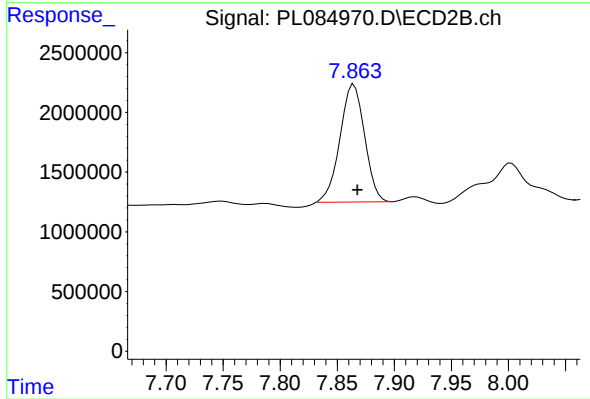
#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.002 min
Response: 27117094
Conc: 16.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
328MS

Manual Integrations
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Supervised By :mohammad ahmed 08/25/2023



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: -0.003 min
Response: 14775315
Conc: 11.85 ng/ml