

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
 Data File : PL080766.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 13:31
 Operator : AR\AJ
 Sample : PB150683BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150683BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/07/2023
 Supervised By :Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:24:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.353	2.688	51005288	47906372	23.781	21.811
28)	SA Decachlor...	8.793	7.836	43428203	52031096	24.805	21.839
Target Compounds							
2)	A alpha-BHC	3.801	3.189	176.5E6	158.6E6	55.709	49.867
3)	MA gamma-BHC...	4.130	3.517	162.9E6	148.1E6	55.409	49.565
4)	MA Heptachlor	4.714	3.858	158.5E6	149.4E6	53.624	46.931
5)	MB Aldrin	5.052	4.138	150.5E6	144.7E6	55.023	49.046
6)	B beta-BHC	4.326	3.814	68948846	62967509	50.511	47.180
7)	B delta-BHC	4.570	4.043	161.8E6	145.1E6	55.895	50.297
8)	B Heptachlo...	5.477	4.640	137.4E6	131.8E6	53.121	47.382
9)	A Endosulfan I	5.860	5.010	124.9E6	119.3E6	52.879	45.842
10)	B gamma-Chl...	5.732	4.889	136.5E6	133.6E6	54.030	47.131m
11)	B alpha-Chl...	5.812	4.955	134.6E6	130.1E6	53.336	45.400
12)	B 4,4'-DDE	5.990	5.146	121.2E6	115.2E6	54.426	48.822m
13)	MA Dieldrin	6.134	5.274	132.4E6	129.0E6	55.314	47.675
14)	MA Endrin	6.361	5.549	116.8E6	115.2E6	53.995	49.622
15)	B Endosulfa...	6.579	5.843	112.3E6	112.2E6	48.988	53.822
16)	A 4,4'-DDD	6.504	5.701	100.3E6	95783269	54.753	50.970
17)	MA 4,4'-DDT	6.817	5.952	100.9E6	97556378	48.588	46.423
18)	B Endrin al...	6.710	6.023	94603277	93654909	56.873	51.287
19)	B Endosulfa...	6.943	6.246	112.2E6	113.1E6	54.192	48.637
20)	A Methoxychlor	7.295	6.531	55094473	54886178	49.937	45.231
21)	B Endrin ke...	7.424	6.751	119.4E6	125.7E6	54.098	49.217
22)	Mirex	7.896	6.934	89911068	107.4E6	52.280	47.167

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
Data File : PL080766.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2023 13:31
Operator : AR\AJ
Sample : PB150683BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

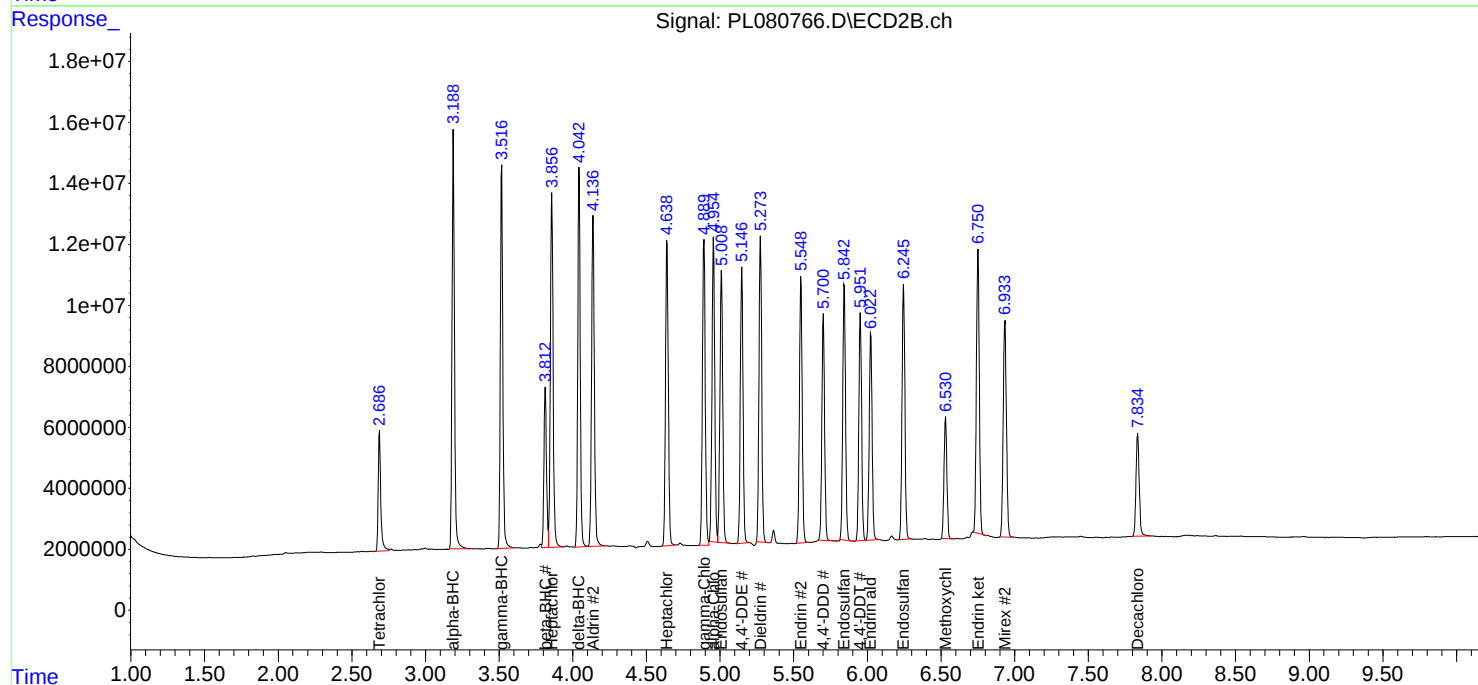
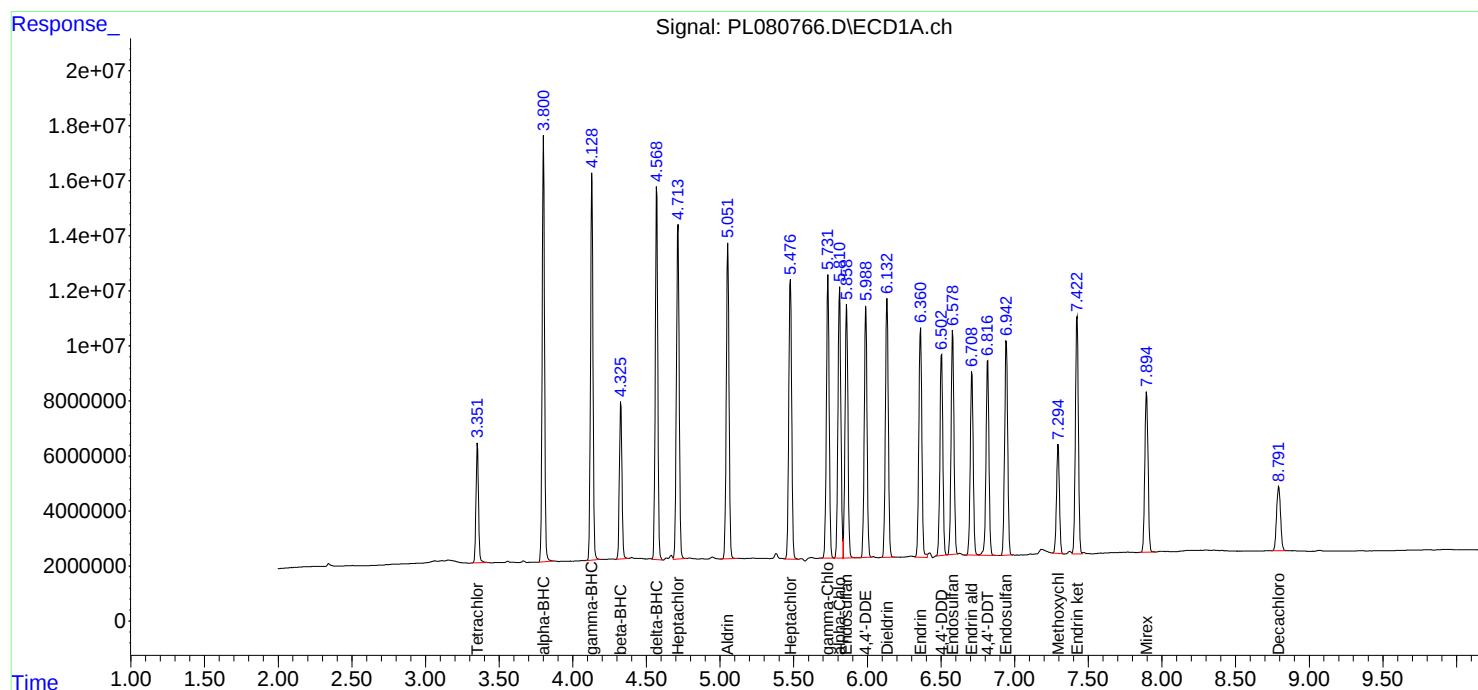
Instrument :
ECD_L
ClientSampleId :
PB150683BS

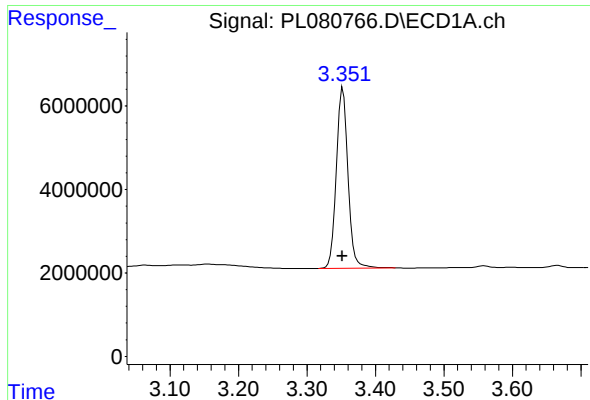
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 21:24:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
Response via : Initial Calibration
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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





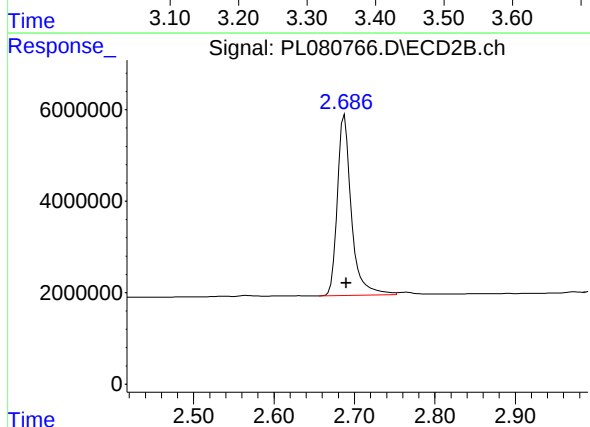
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 51005288
Conc: 23.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

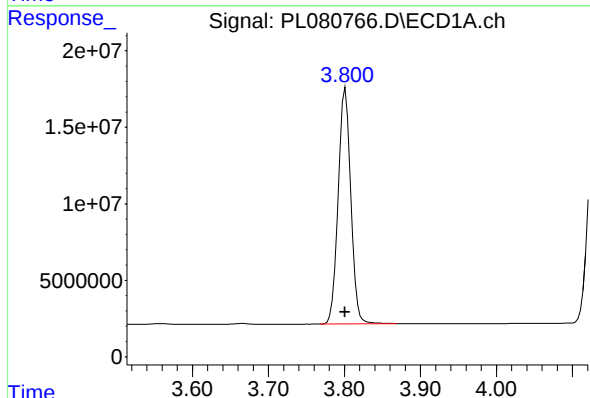
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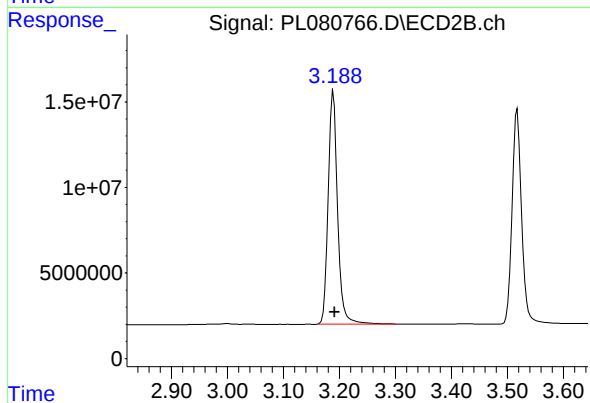
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 47906372
Conc: 21.81 ng/ml



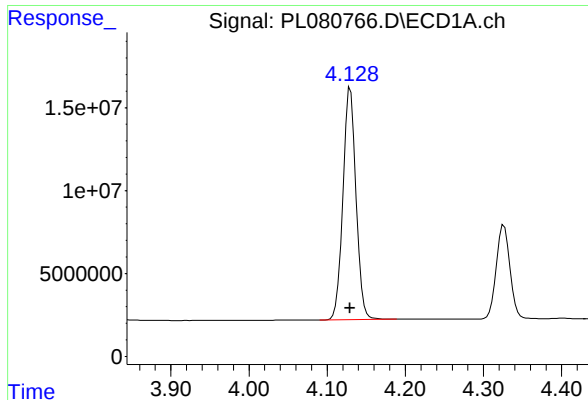
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 176487261
Conc: 55.71 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 158598884
Conc: 49.87 ng/ml



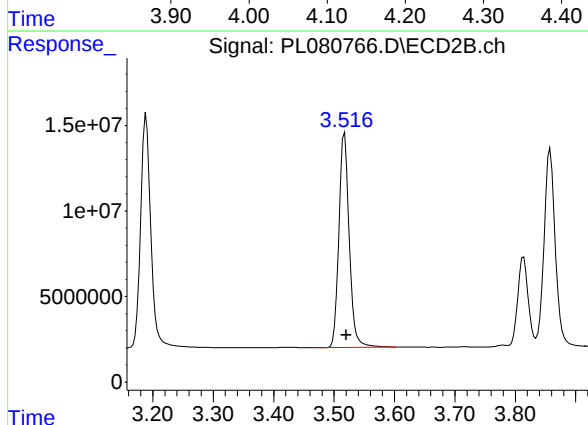
#3 gamma-BHC (Lindane)

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 162888693
Conc: 55.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

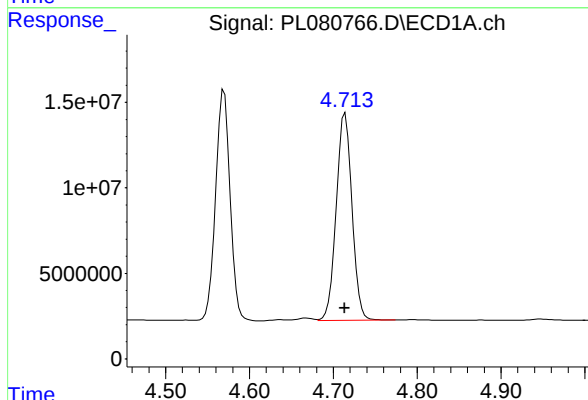
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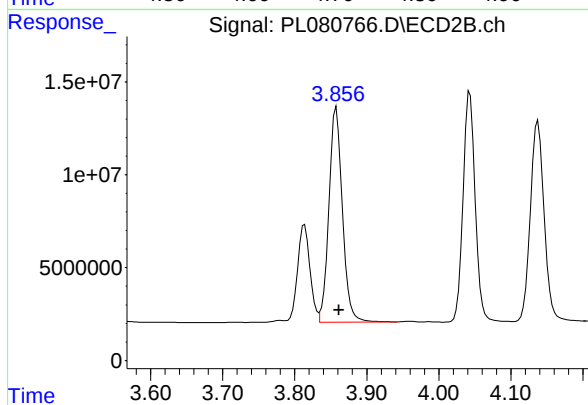
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 148066739
Conc: 49.57 ng/ml



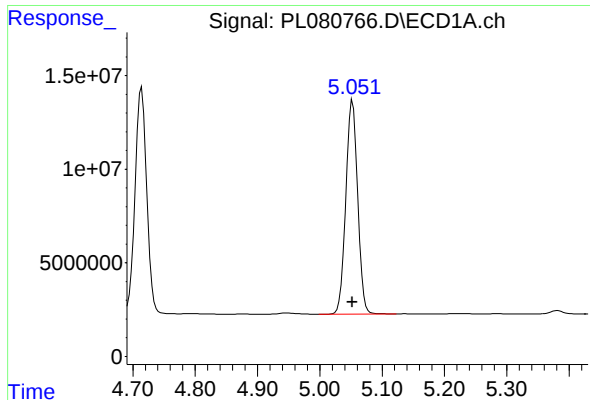
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 158469832
Conc: 53.62 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 149352315
Conc: 46.93 ng/ml



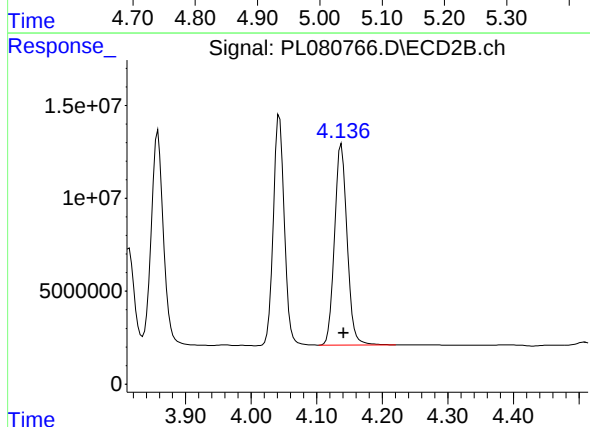
#5 Aldrin

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 150531323
Conc: 55.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

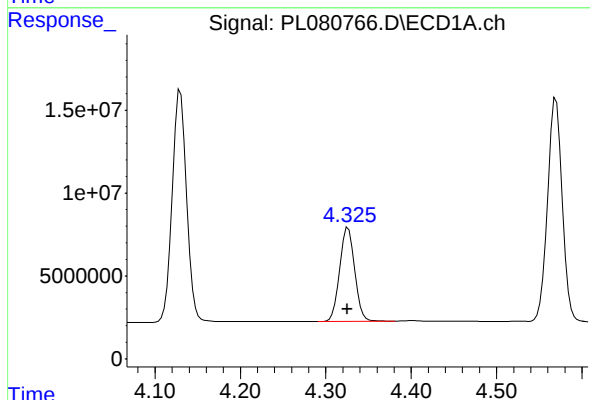
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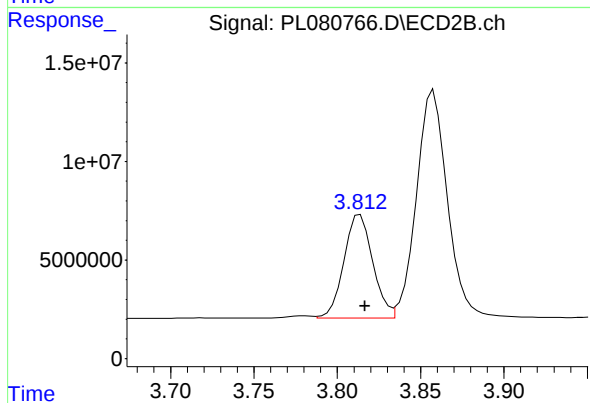
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 144665246
Conc: 49.05 ng/ml



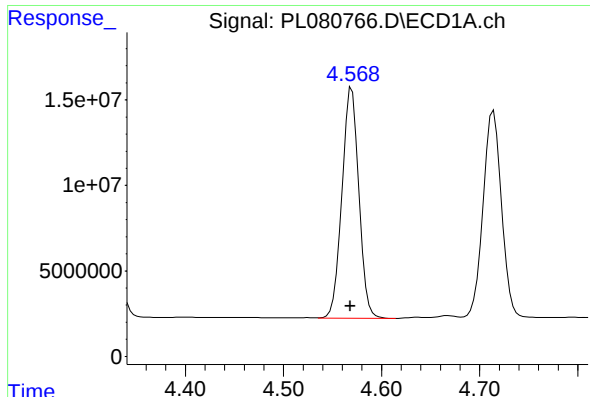
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.001 min
Response: 68948846
Conc: 50.51 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 62967509
Conc: 47.18 ng/ml



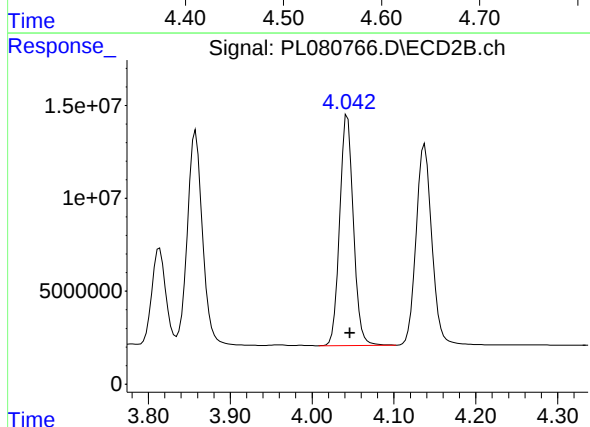
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: 0.001 min
Response: 161815827
Conc: 55.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

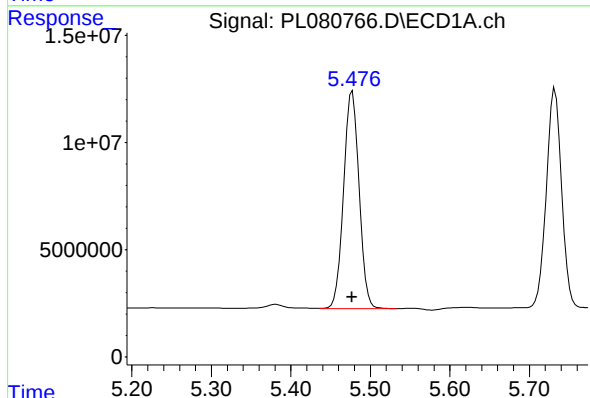
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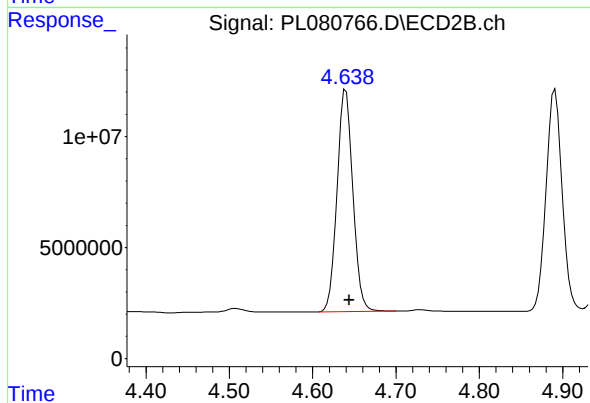
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 145077691
Conc: 50.30 ng/ml



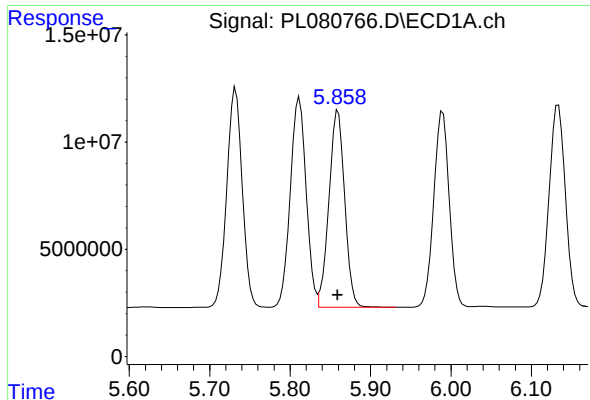
#8 Heptachlor epoxide

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 137428325
Conc: 53.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 131832065
Conc: 47.38 ng/ml



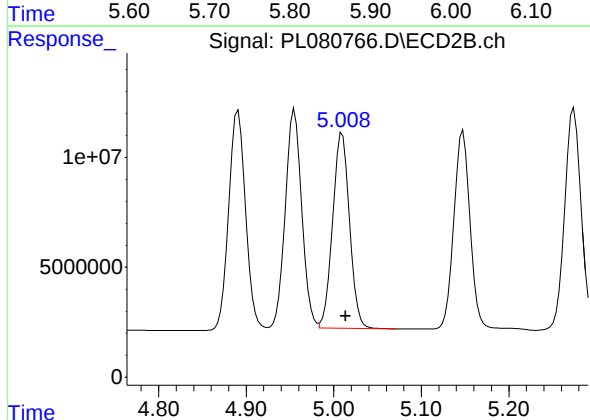
#9 Endosulfan I

R.T.: 5.860 min
Delta R.T.: 0.000 min
Response: 124871984
Conc: 52.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

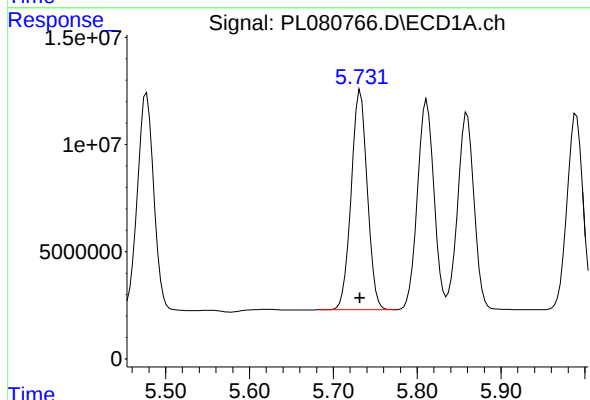
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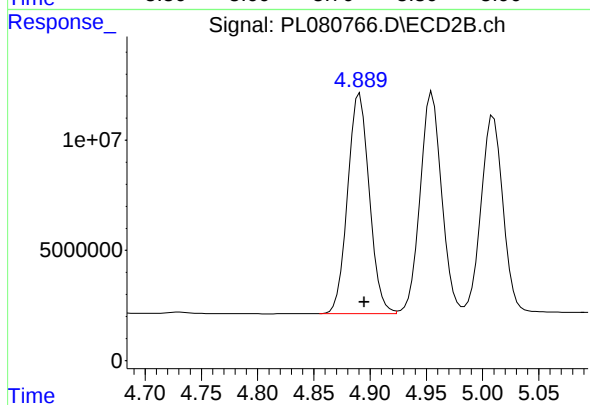
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 119251025
Conc: 45.84 ng/ml



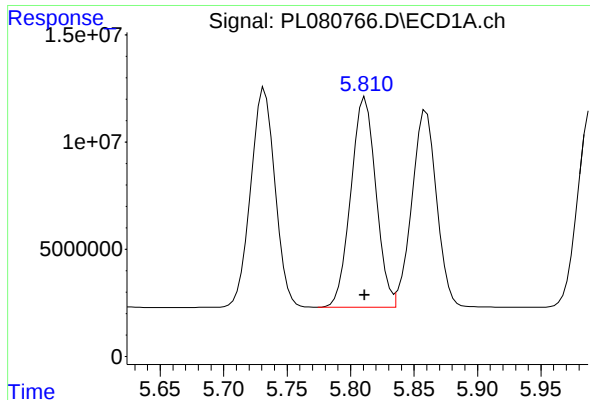
#10 gamma-Chlordane

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 136466014
Conc: 54.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.005 min
Response: 133581021
Conc: 47.13 ng/ml m



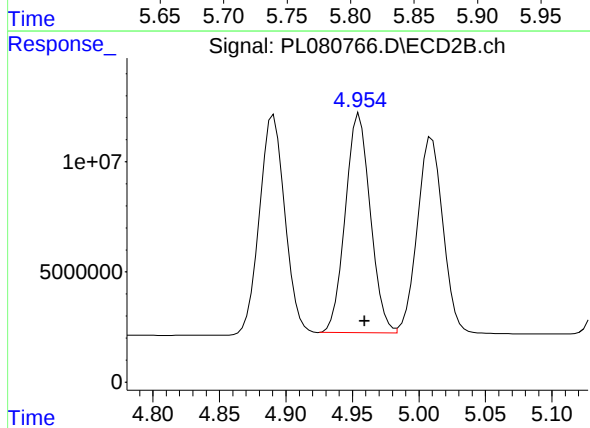
#11 alpha-Chlordane

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 134633165
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

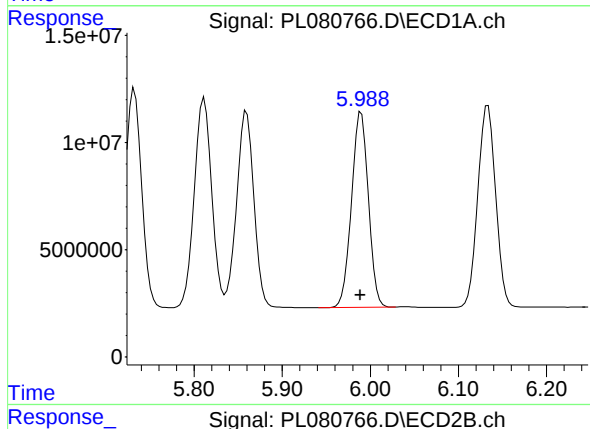
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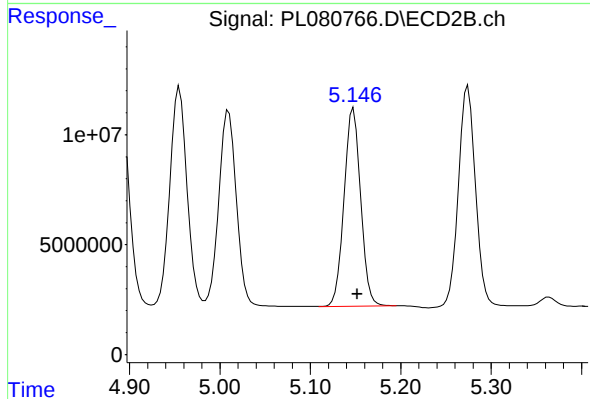
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 130056453
Conc: 45.40 ng/ml



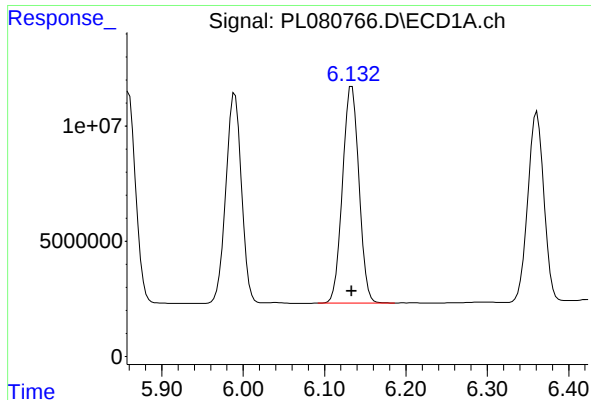
#12 4,4'-DDE

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 121225864
Conc: 54.43 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.005 min
Response: 115162000
Conc: 48.82 ng/ml m



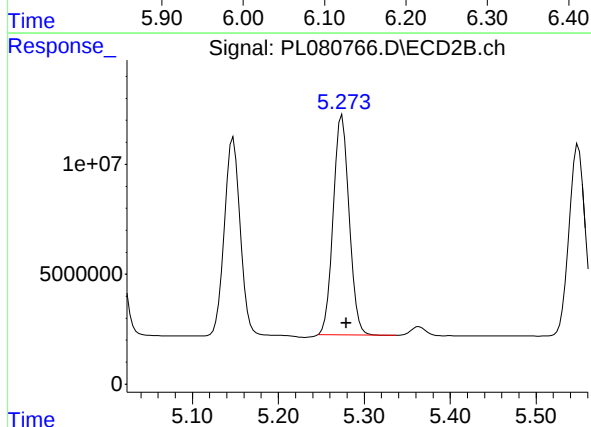
#13 Dieldrin

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 132387259
Conc: 55.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

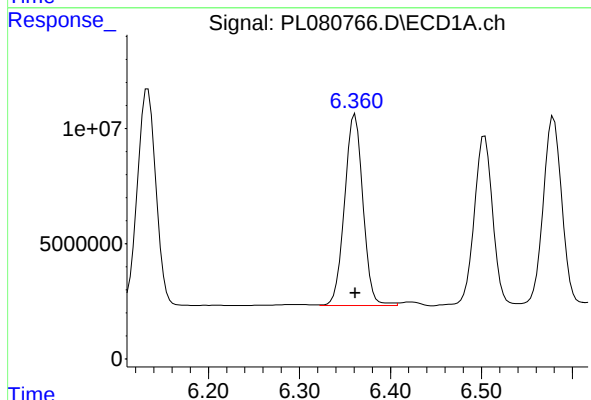
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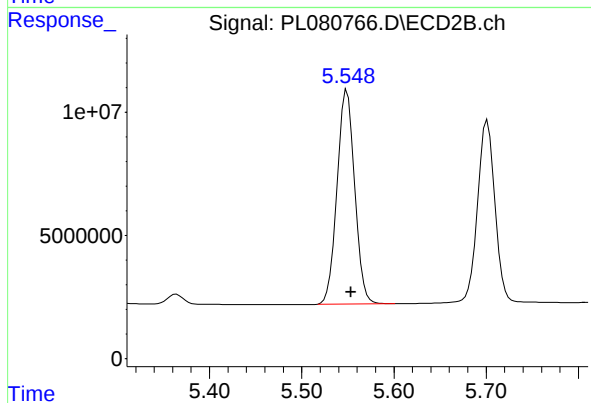
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 128958650
Conc: 47.67 ng/ml



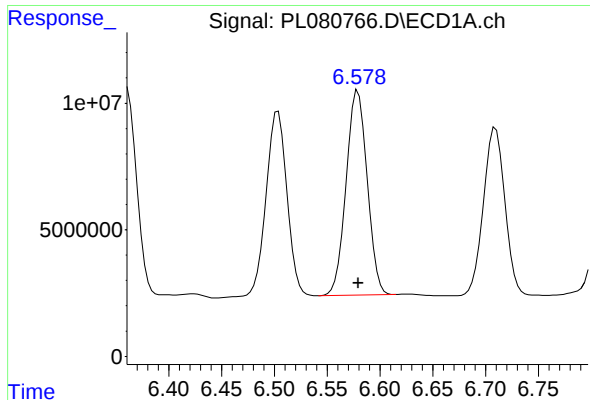
#14 Endrin

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 116775759
Conc: 54.00 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 115179668
Conc: 49.62 ng/ml



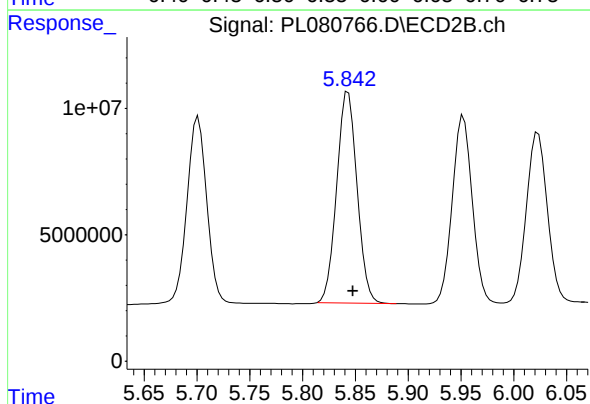
#15 Endosulfan II

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 112296690
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

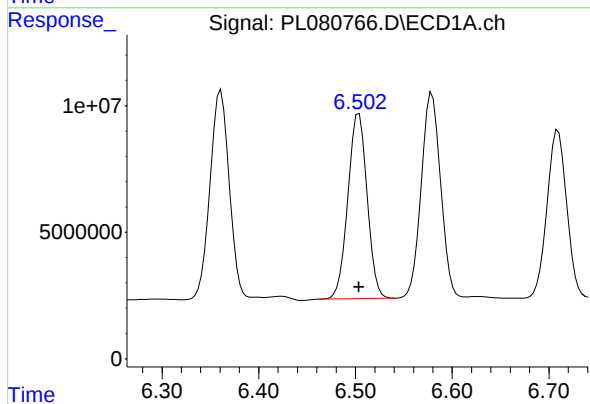
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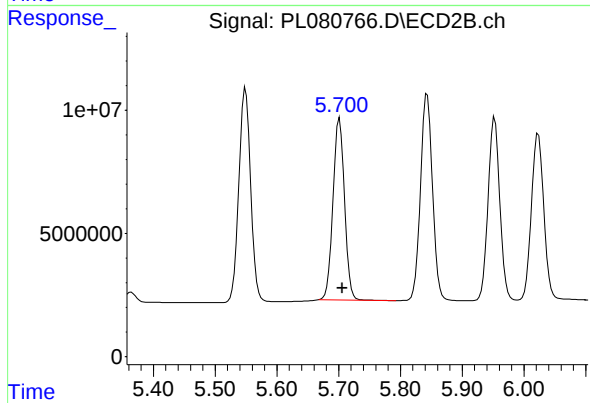
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.004 min
Response: 112151209
Conc: 53.82 ng/ml



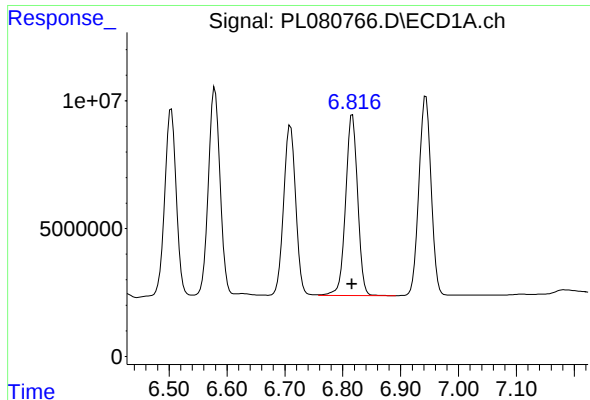
#16 4,4'-DDD

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 100306141
Conc: 54.75 ng/ml



#16 4,4'-DDD

R.T.: 5.701 min
Delta R.T.: -0.005 min
Response: 95783269
Conc: 50.97 ng/ml



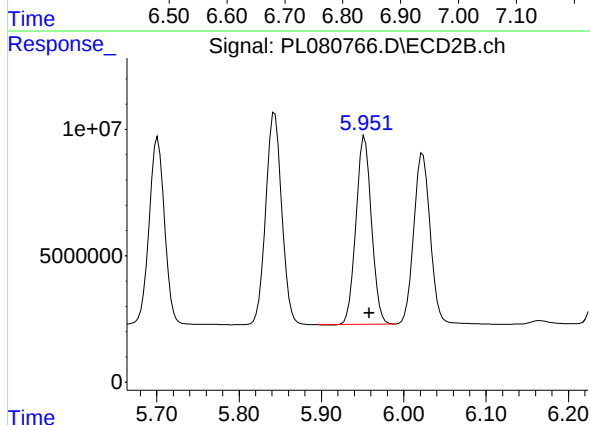
#17 4,4'-DDT

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 100949589
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

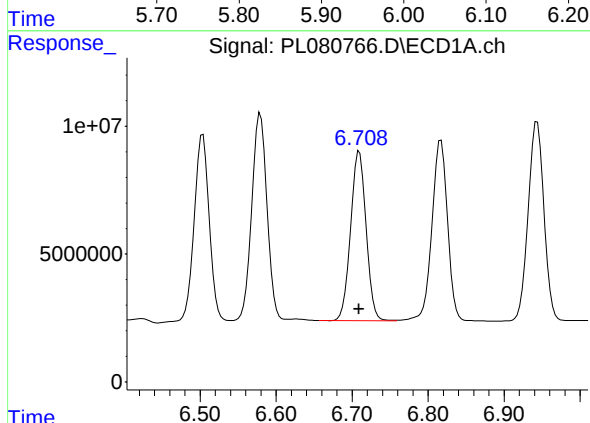
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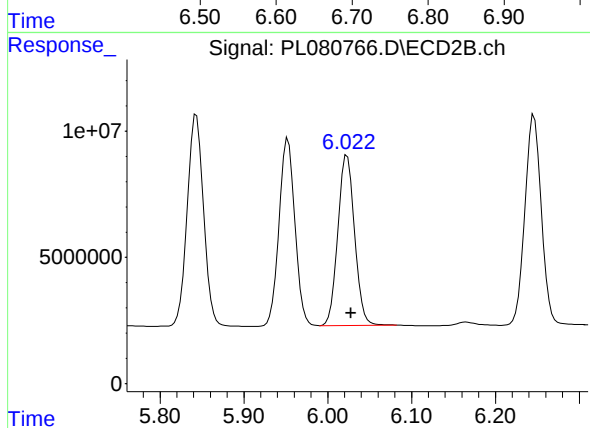
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 97556378
Conc: 46.42 ng/ml



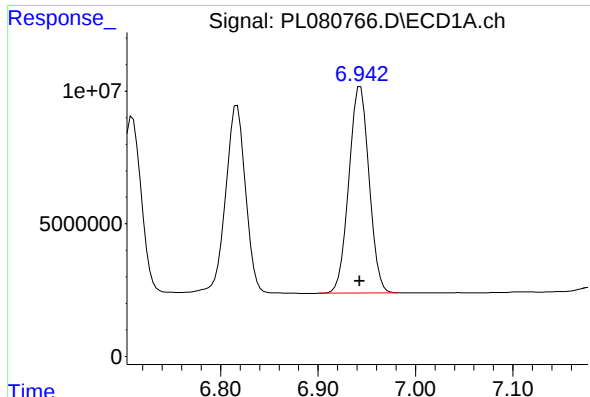
#18 Endrin aldehyde

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 94603277
Conc: 56.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 93654909
Conc: 51.29 ng/ml



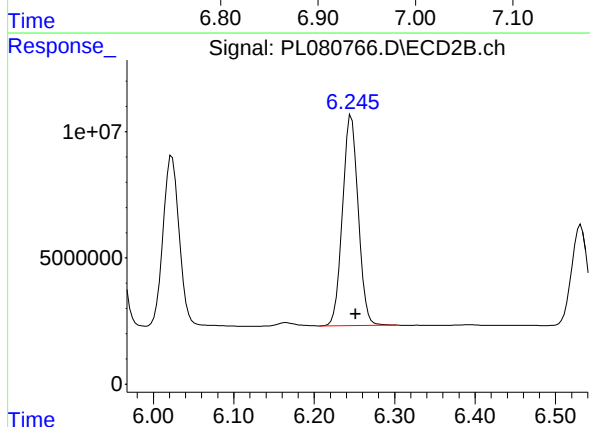
#19 Endosulfan Sulfate

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 112173709
Conc: 54.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

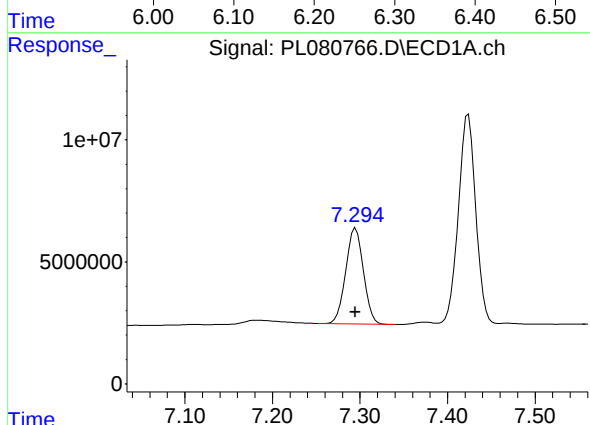
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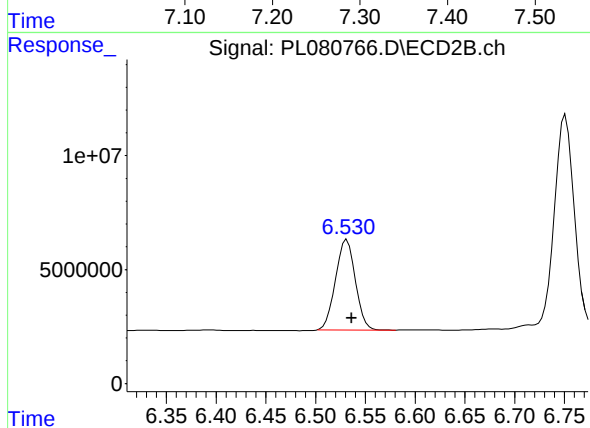
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 113114396
Conc: 48.64 ng/ml



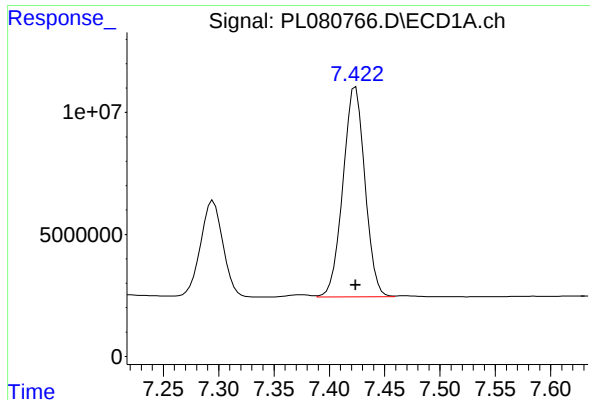
#20 Methoxychlor

R.T.: 7.295 min
Delta R.T.: 0.000 min
Response: 55094473
Conc: 49.94 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 54886178
Conc: 45.23 ng/ml



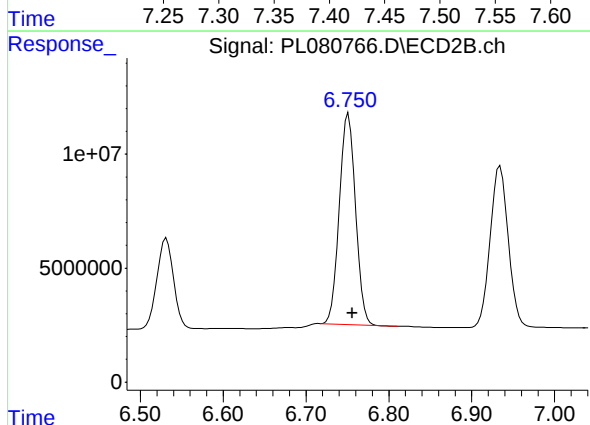
#21 Endrin ketone

R.T.: 7.424 min
Delta R.T.: 0.000 min
Response: 119358046
Conc: 54.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

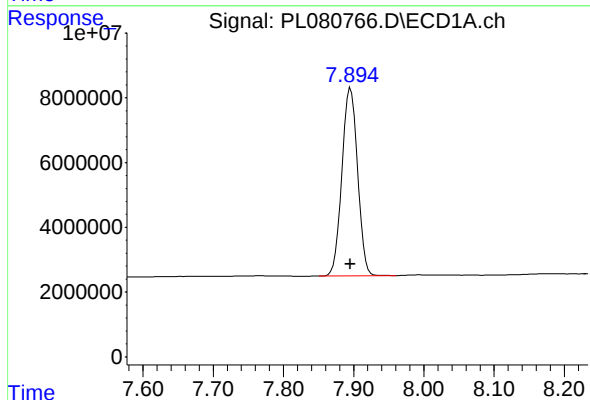
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



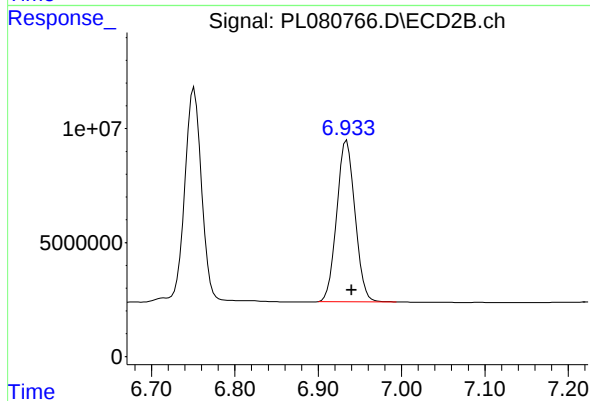
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 125661153
Conc: 49.22 ng/ml



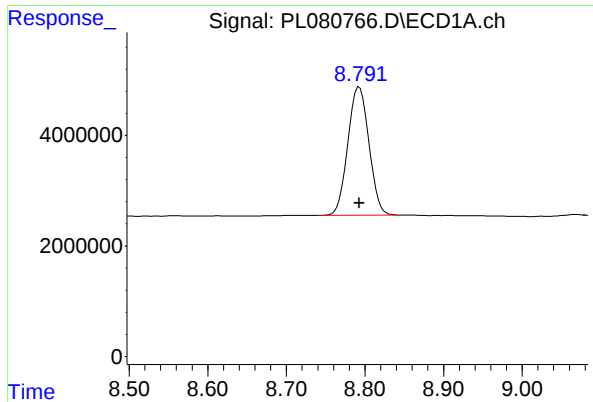
#22 Mirex

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 89911068
Conc: 52.28 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 107386944
Conc: 47.17 ng/ml



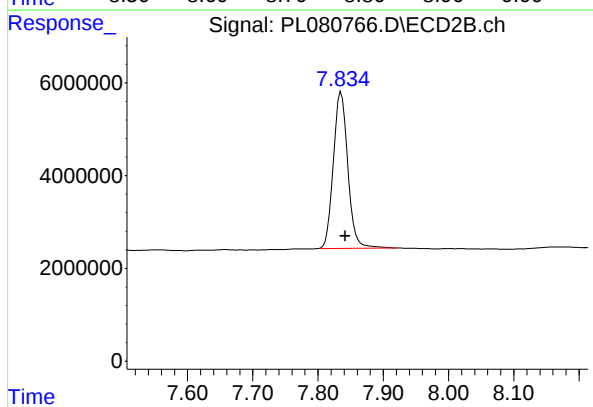
#28 Decachlorobiphenyl

R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 43428203
Conc: 24.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150683BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 52031096
Conc: 21.84 ng/ml