

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082324\
 Data File : PL091275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2024 16:42
 Operator : AR\AJ
 Sample : P3669-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20430MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/23/2024
 Supervised By :Ankita Jodhani 08/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:29:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 2024
 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...	3.544	2.785	38740693	40234051	18.043	20.612
28) SA Decachlor...	9.054	7.923	33141431	42246953	21.739	22.304
Target Compounds						
2) A alpha-BHC	3.999	3.287	144.8E6	152.1E6	48.302	54.826
3) MA gamma-BHC...	4.330	3.617	134.9E6	146.7E6	47.037m	55.701
4) MA Heptachlor	4.920	3.957	130.4E6	148.8E6	48.982	57.603
5) MB Aldrin	5.261	4.237	122.6E6	130.7E6	47.506	53.164
6) B beta-BHC	4.528	3.916	63973916	67667177	47.305	57.488
7) B delta-BHC	4.775	4.146	134.9E6	140.1E6	49.553	55.285
8) B Heptachlo...	5.687	4.739	123.2E6	125.5E6	50.342	55.657
9) A Endosulfan I	6.072	5.109	113.5E6	119.3E6	50.568	56.544
10) B gamma-Chl...	5.941	4.989	115.3E6	128.2E6	47.733m	54.248
11) B alpha-Chl...	6.022	5.052	121.0E6	135.0E6	50.261	57.387
12) B 4,4'-DDE	6.194	5.241	105.3E6	117.4E6	50.344	56.173
13) MA Dieldrin	6.347	5.373	116.3E6	125.5E6	49.364	55.096
14) MA Endrin	6.576	5.648	96746505	112.4E6	49.889	55.180
15) B Endosulfa...	6.795	5.942	104.4E6	108.4E6	51.602	56.005
16) A 4,4'-DDD	6.711	5.796	89382754	98158311	59.140	59.462
17) MA 4,4'-DDT	7.025	6.046	91024493	96147684	51.279	54.125
18) B Endrin al...	6.925	6.122	79318759	83967523	49.686	53.905
19) B Endosulfa...	7.160	6.344	96672615	105.6E6	50.386	54.757
20) A Methoxychlor	7.500	6.622	49425670	53537820	52.566	53.916
21) B Endrin ke...	7.643	6.849	107.5E6	120.2E6	51.209	55.179m
22) Mirex	8.118	7.031	83712989	97393027	49.210	52.181

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082324\
Data File : PL091275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2024 16:42
Operator : AR\AJ
Sample : P3669-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

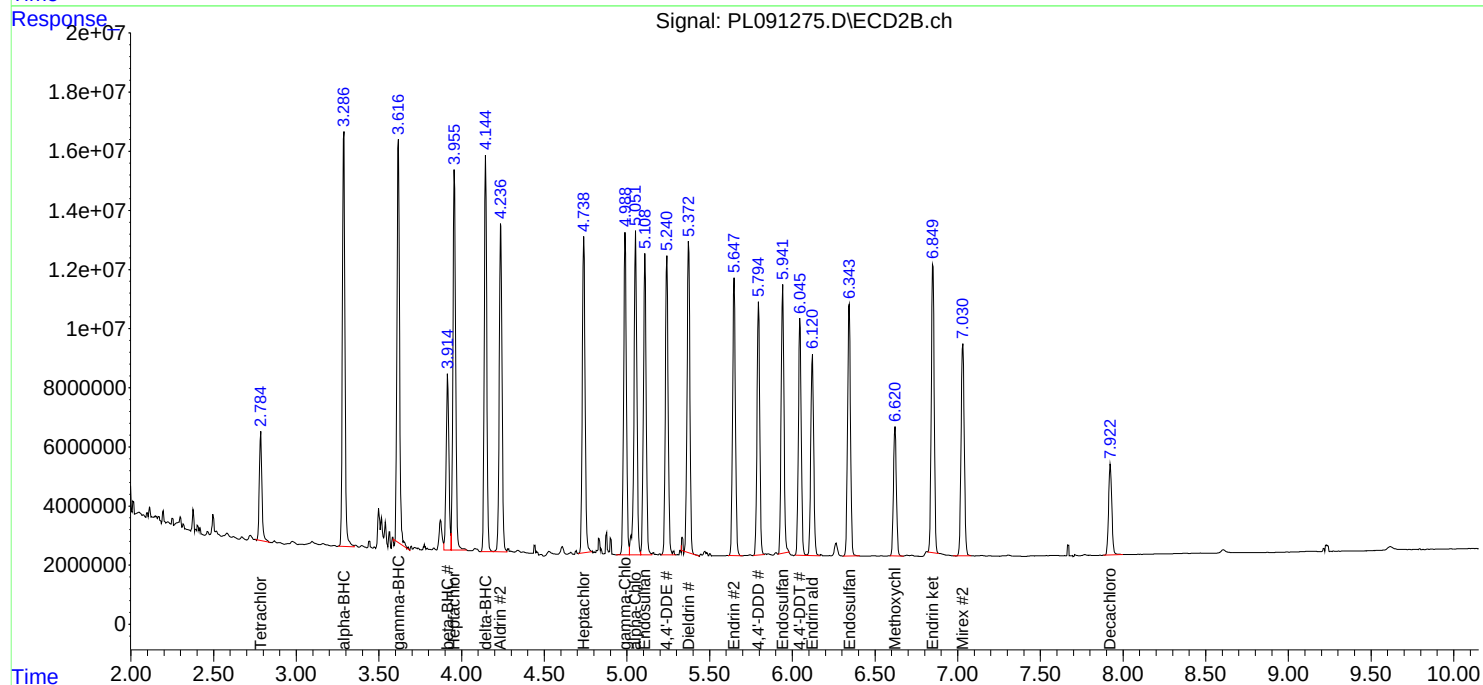
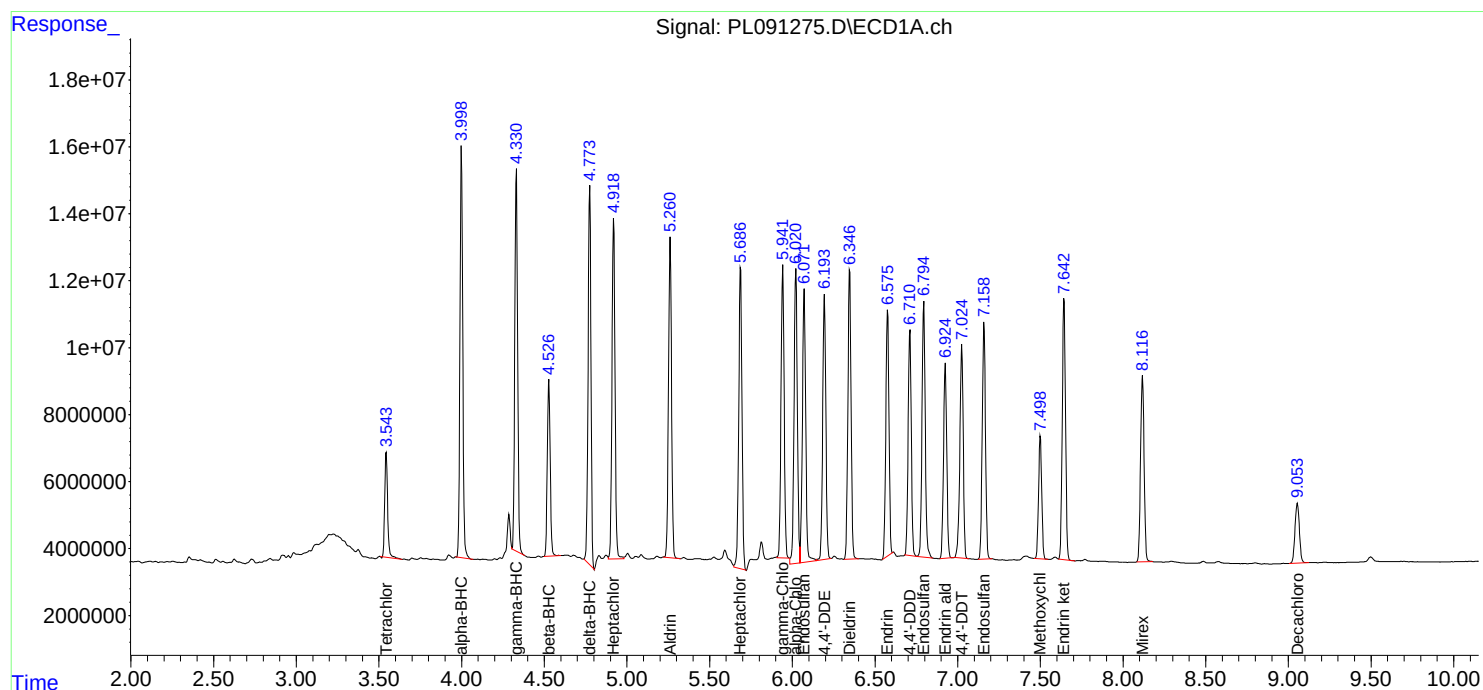
Instrument :
ECD_L
ClientSampleId :
20430MS

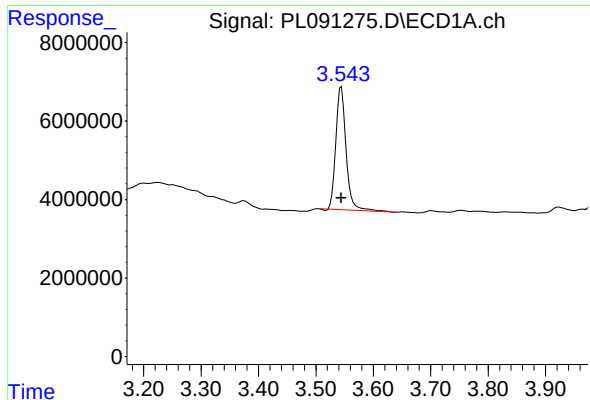
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/23/2024
Supervised By : Ankita Jodhani 08/23/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 01:29:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
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





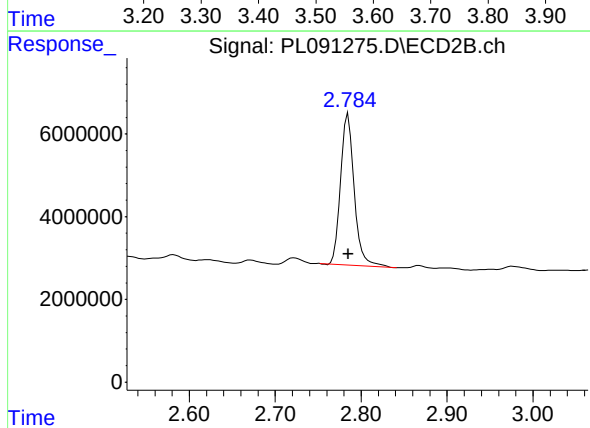
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 38740693
Conc: 18.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

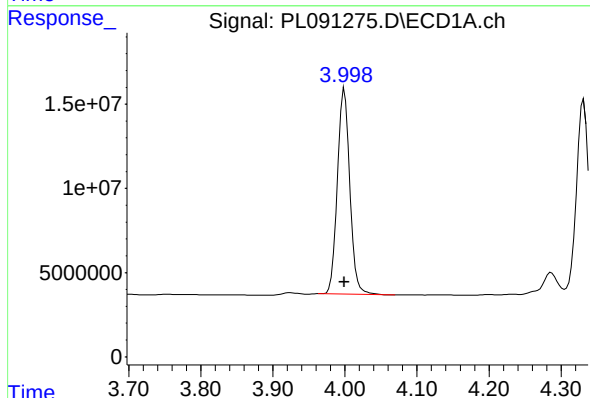
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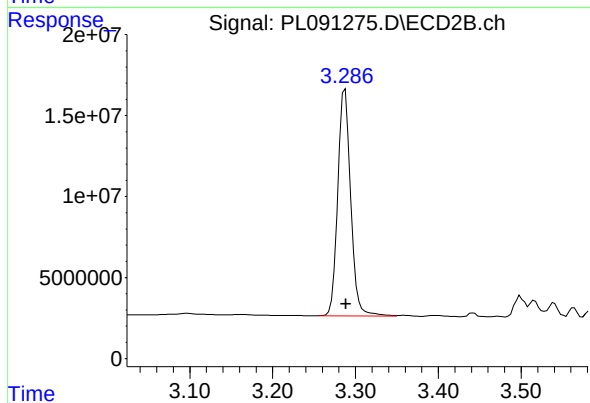
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 40234051
Conc: 20.61 ng/ml



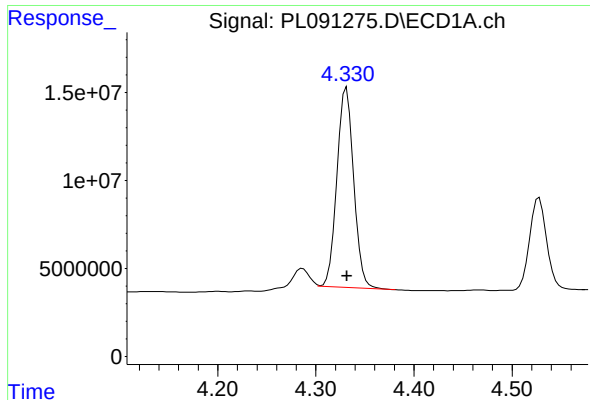
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 144800153
Conc: 48.30 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.001 min
Response: 152057958
Conc: 54.83 ng/ml



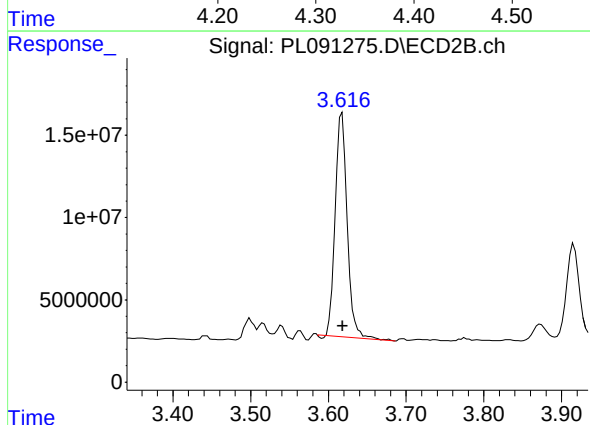
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 134931835
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

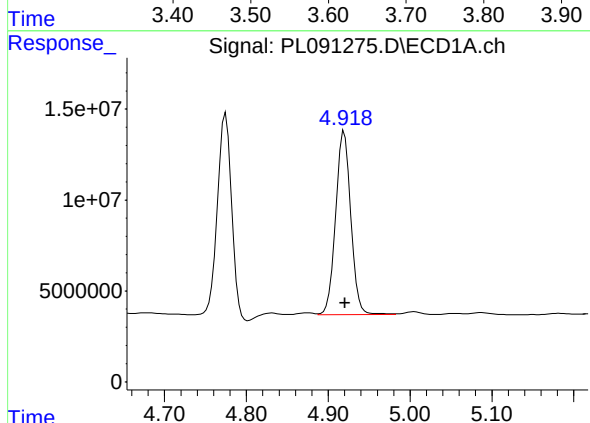
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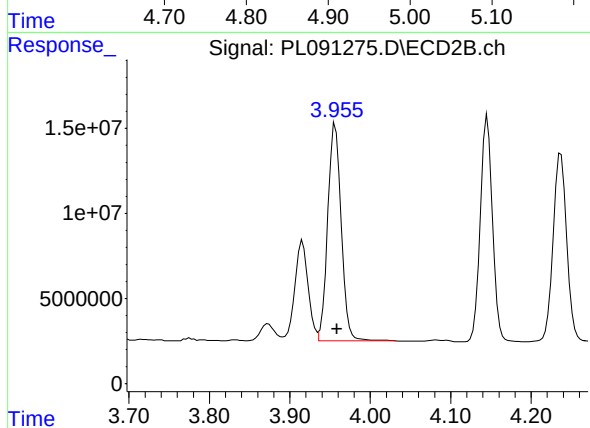
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: -0.001 min
Response: 146712156
Conc: 55.70 ng/ml



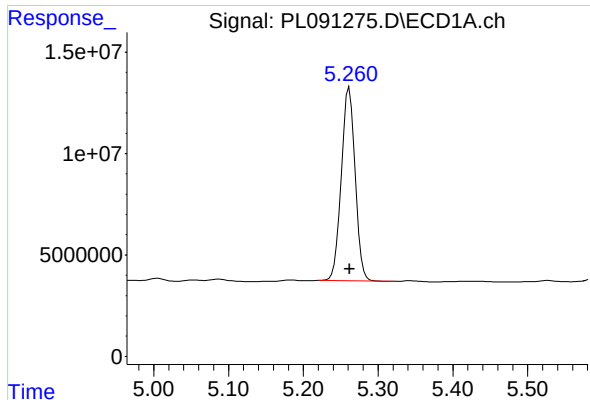
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 130440671
Conc: 48.98 ng/ml



#4 Heptachlor

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 148771701
Conc: 57.60 ng/ml



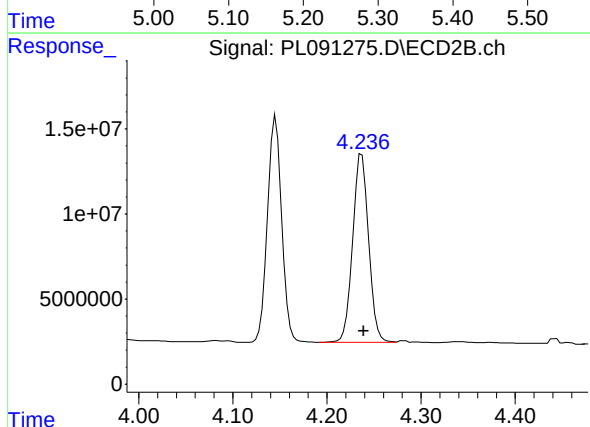
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 122606939
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

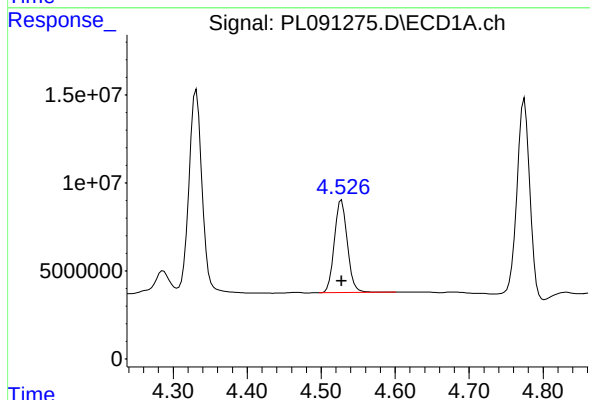
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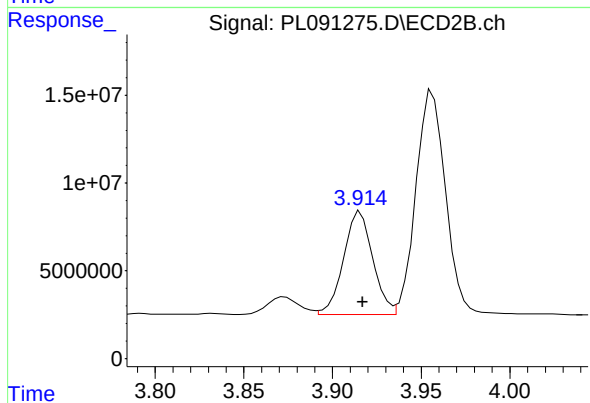
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: -0.002 min
Response: 130739761
Conc: 53.16 ng/ml



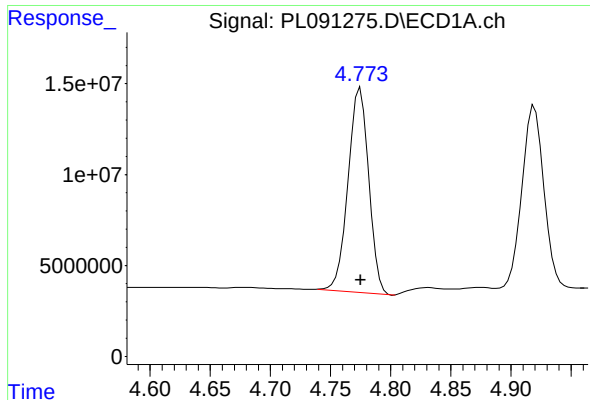
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 63973916
Conc: 47.31 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: -0.001 min
Response: 67667177
Conc: 57.49 ng/ml



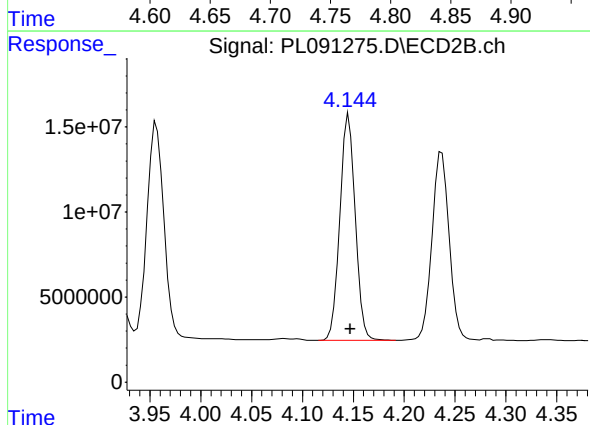
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 134908749
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

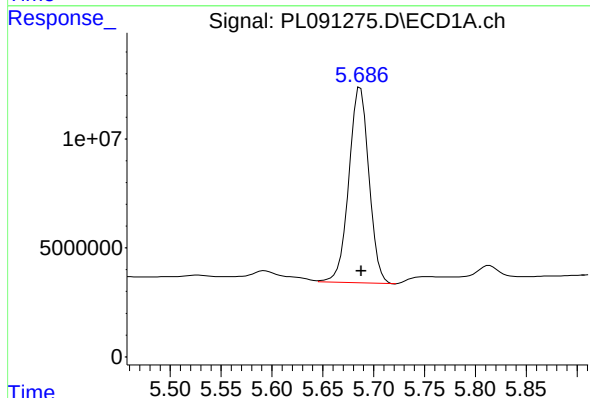
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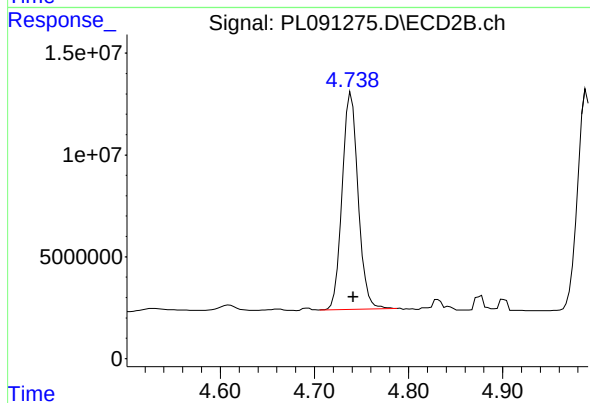
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.001 min
Response: 140104745
Conc: 55.29 ng/ml



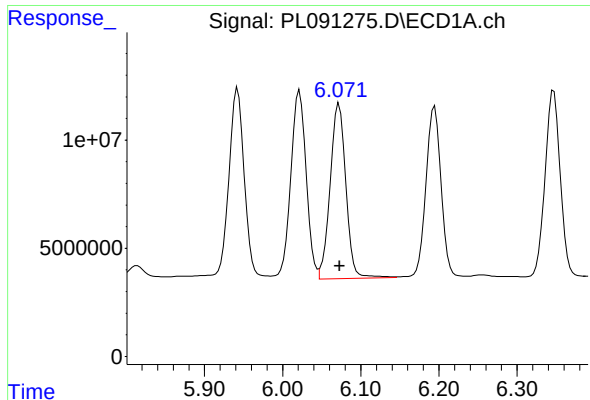
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 123163356
Conc: 50.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.739 min
Delta R.T.: -0.002 min
Response: 125497268
Conc: 55.66 ng/ml



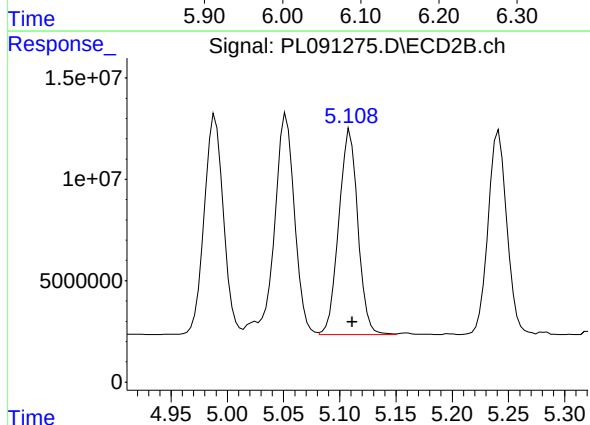
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 113541689
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

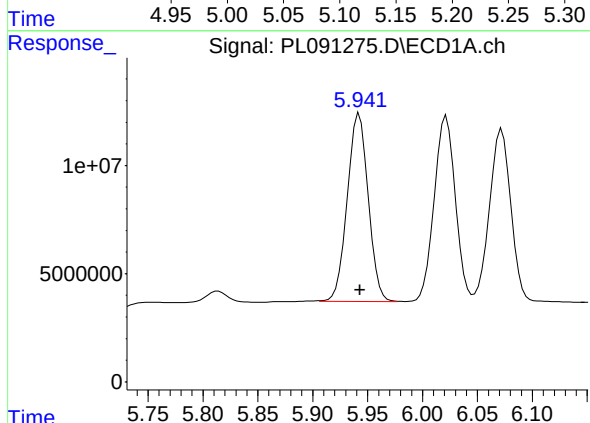
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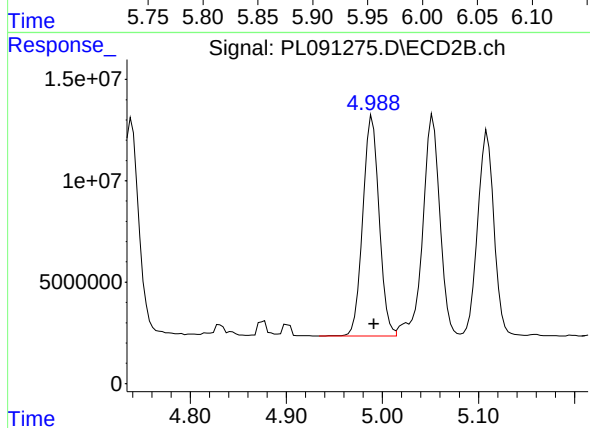
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 119317574
Conc: 56.54 ng/ml



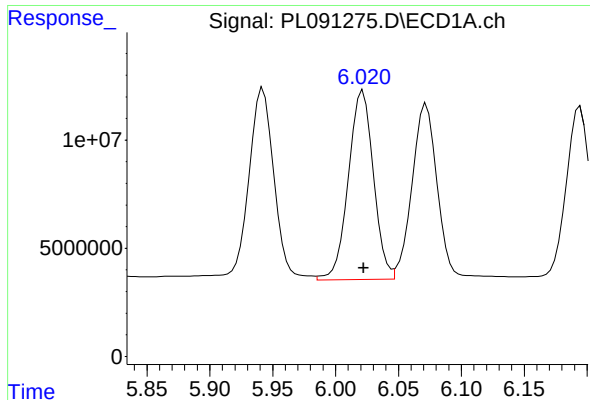
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.002 min
Response: 115343628
Conc: 47.73 ng/ml m



#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 128239894
Conc: 54.25 ng/ml



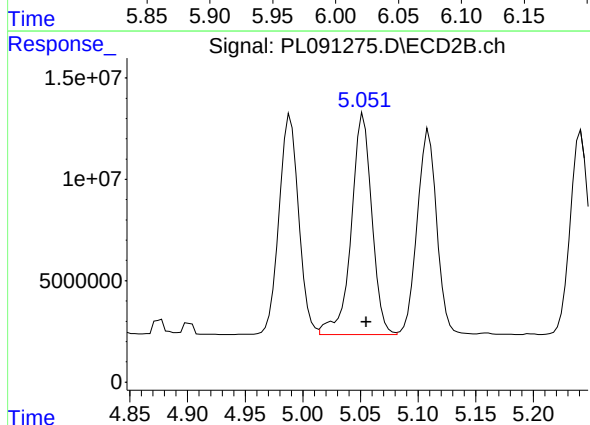
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 121014468
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

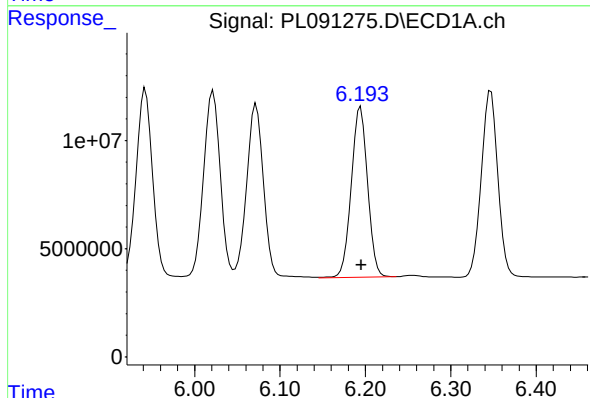
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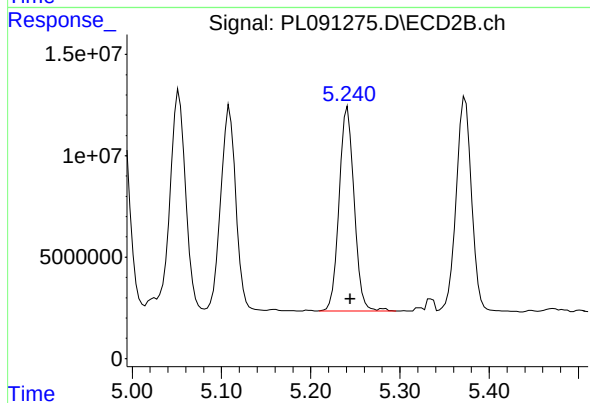
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 135006814
Conc: 57.39 ng/ml



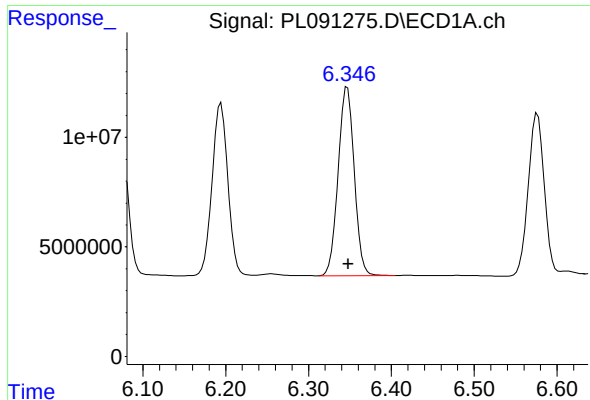
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 105323595
Conc: 50.34 ng/ml



#12 4,4'-DDE

R.T.: 5.241 min
Delta R.T.: -0.003 min
Response: 117368376
Conc: 56.17 ng/ml



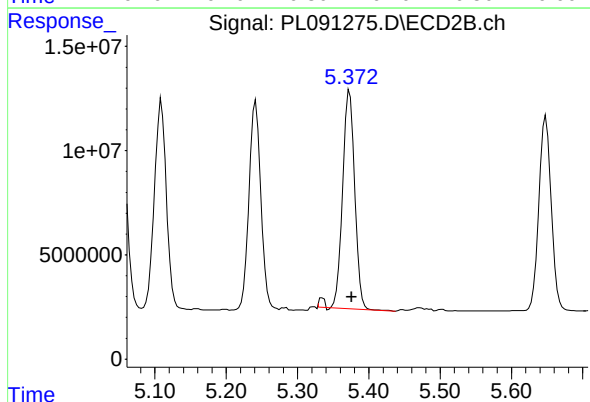
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 116262522
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

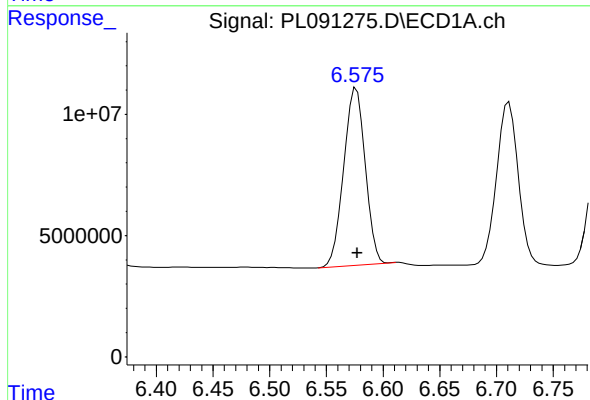
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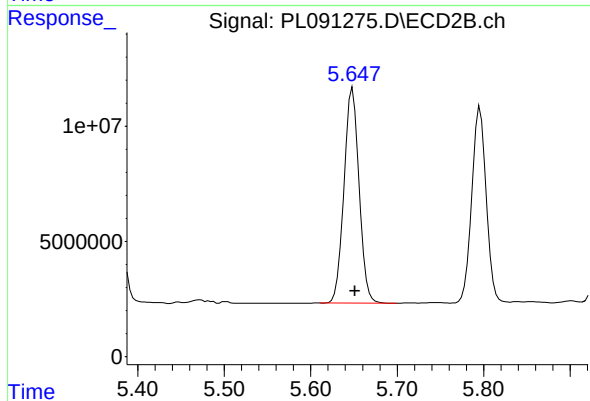
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 125482371
Conc: 55.10 ng/ml



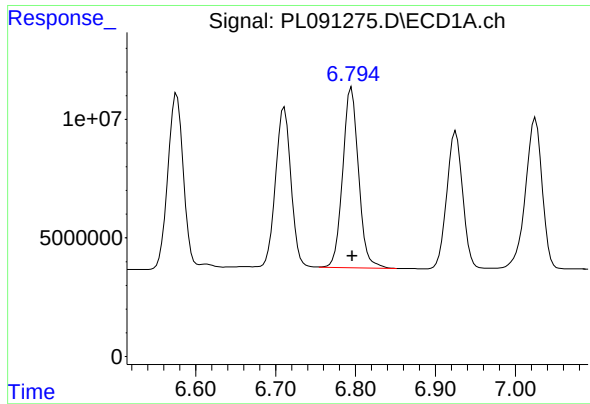
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 96746505
Conc: 49.89 ng/ml



#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 112409433
Conc: 55.18 ng/ml



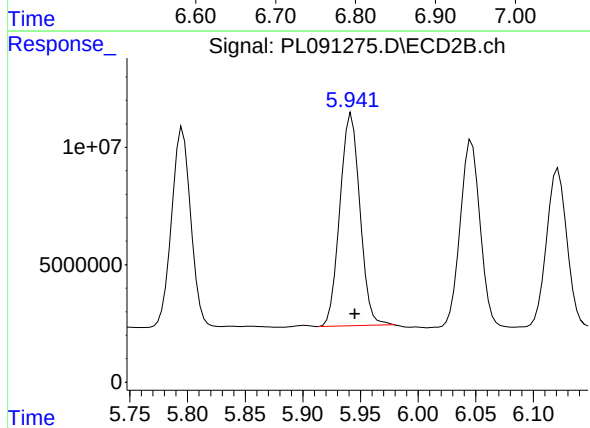
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 104425630
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

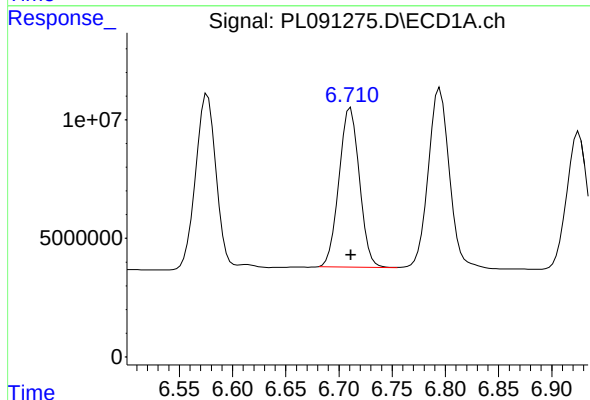
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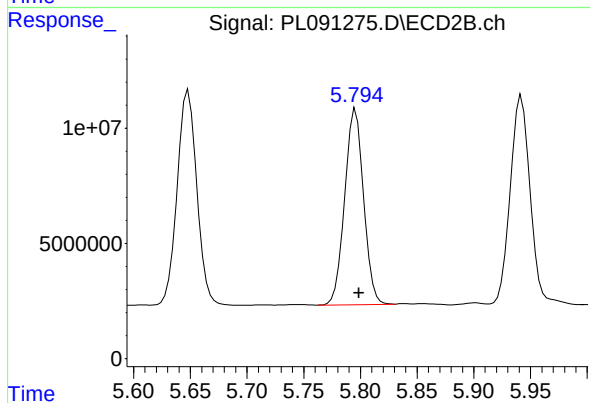
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 108352986
Conc: 56.01 ng/ml



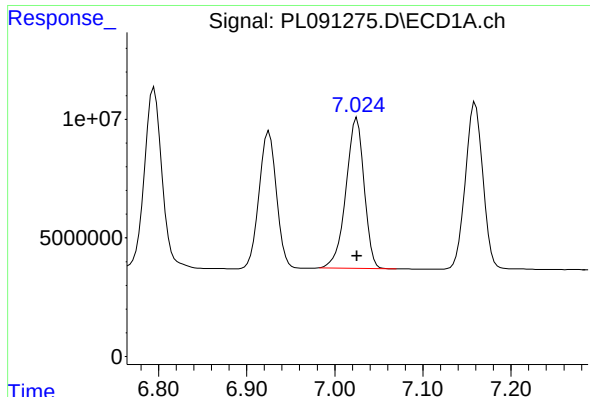
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 89382754
Conc: 59.14 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 98158311
Conc: 59.46 ng/ml



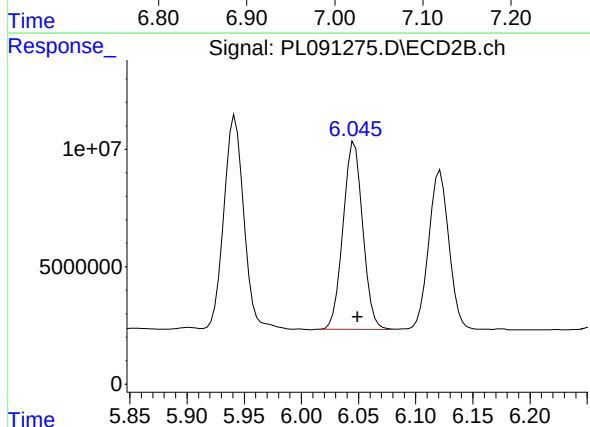
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 91024493
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

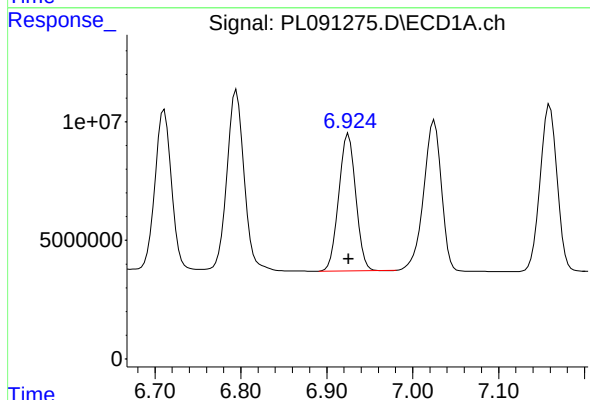
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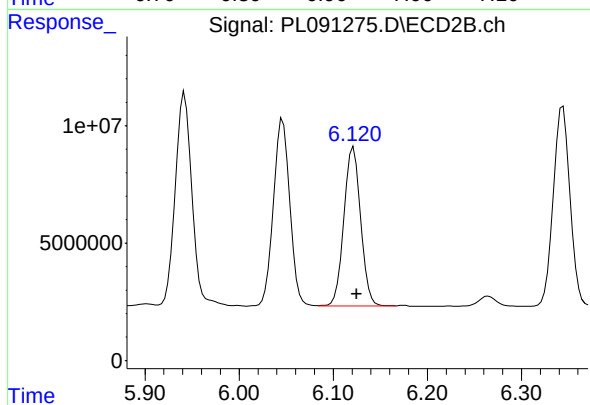
#17 4,4'-DDT

R.T.: 6.046 min
Delta R.T.: -0.003 min
Response: 96147684
Conc: 54.12 ng/ml



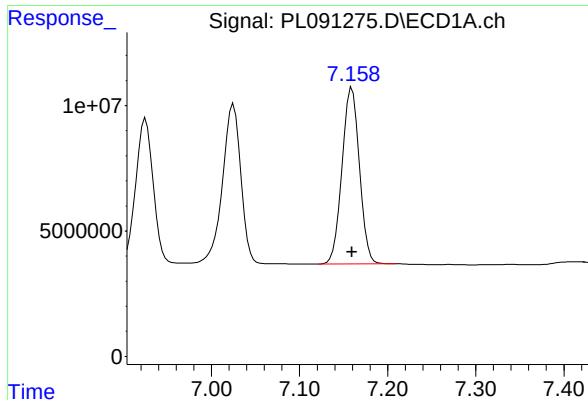
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 79318759
Conc: 49.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 83967523
Conc: 53.91 ng/ml



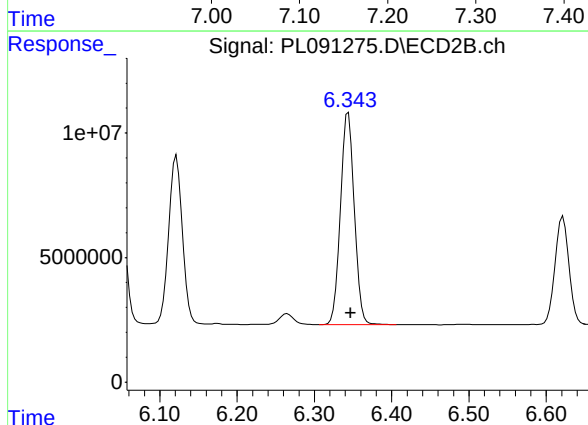
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 96672615
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

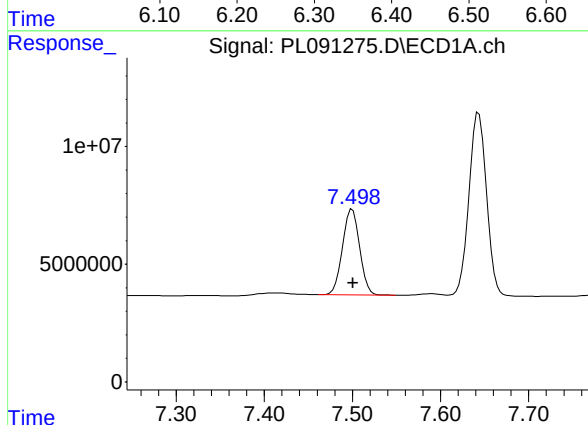
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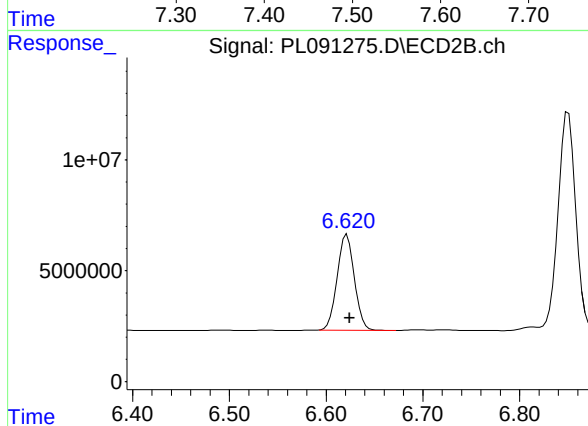
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: -0.003 min
Response: 105571920
Conc: 54.76 ng/ml



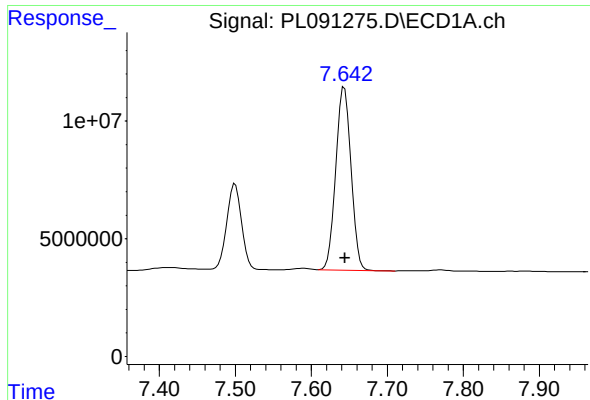
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 49425670
Conc: 52.57 ng/ml



#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: -0.003 min
Response: 53537820
Conc: 53.92 ng/ml



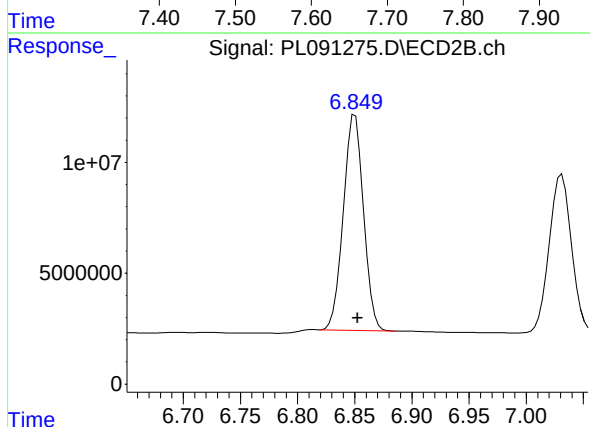
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 107525476
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

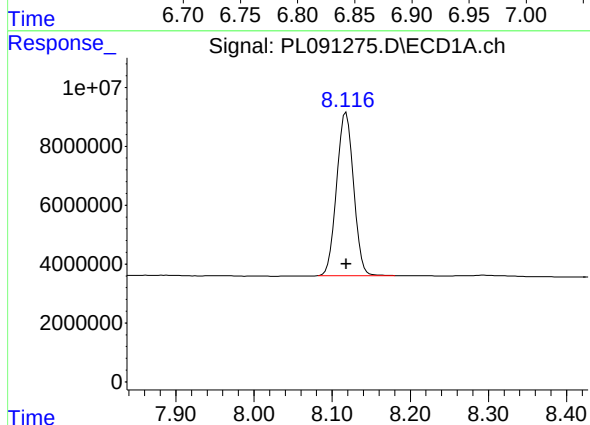
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Supervised By :Ankita Jodhani 08/23/2024



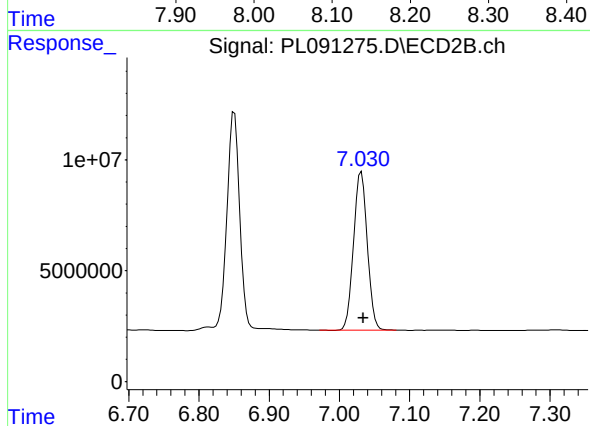
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.004 min
Response: 120177581
Conc: 55.18 ng/ml m



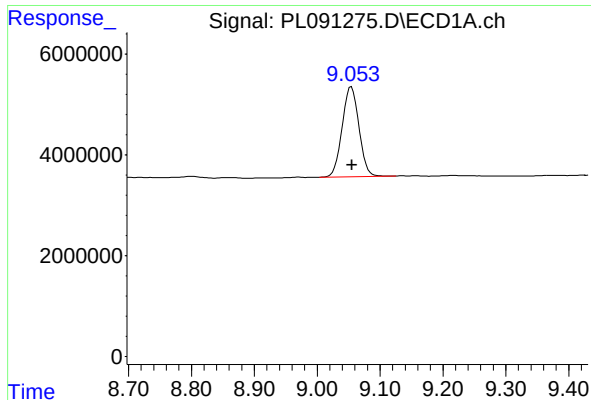
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 83712989
Conc: 49.21 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 97393027
Conc: 52.18 ng/ml



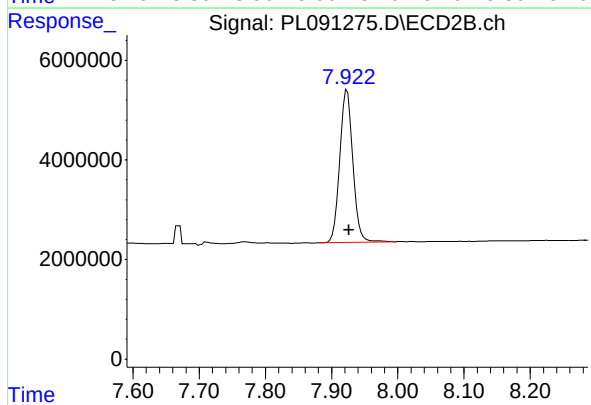
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 33141431
Conc: 21.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
20430MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/23/2024
Supervised By :Ankita Jodhani 08/23/2024



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.003 min
Response: 42246953
Conc: 22.30 ng/ml