

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
 Data File : PL091980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2024 17:34
 Operator : AR\AJ
 Sample : P4103-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-22AMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/24/2024
 Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 02:06:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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	2.783	28882215	54699550	12.983	21.809 #
28) SA Decachlor...	9.061	7.924	29906714	46409053	18.256	18.549
Target Compounds						
2) A alpha-BHC	4.000	3.286	162.8E6	203.6E6	52.576	55.886
3) MA gamma-BHC...	4.328	3.615	235.6E6	209.5E6	76.044m	59.332m
4) MA Heptachlor	4.921	3.956	144.2E6	199.3E6	52.156	57.770
5) MB Aldrin	5.263	4.235	132.5E6	171.9E6	47.705	50.529
6) B beta-BHC	4.529	3.915	68924609	82918823	51.965	55.165
7) B delta-BHC	4.776	4.145	132.6E6	159.2E6	45.981	45.854
8) B Heptachlo...	5.689	4.738	131.1E6	169.3E6	51.532	56.017
9) A Endosulfan I	6.075	5.108	122.3E6	156.3E6	52.878	56.959
10) B gamma-Chl...	5.945	4.988	133.2E6	173.9E6	53.884	57.809
11) B alpha-Chl...	6.024	5.052	131.0E6	171.5E6	53.175	57.283
12) B 4,4'-DDE	6.197	5.241	113.5E6	159.1E6	52.454	57.251
13) MA Dieldrin	6.350	5.373	130.2E6	170.3E6	53.376	58.076
14) MA Endrin	6.578	5.647	111.2E6	158.8E6	53.943m	60.575m
15) B Endosulfa...	6.799	5.942	114.7E6	146.2E6	52.131	58.432
16) A 4,4'-DDD	6.714	5.796	91632677	122.9E6	51.028	57.550
17) MA 4,4'-DDT	7.029	6.046	103.0E6	137.2E6	55.936	59.312
18) B Endrin al...	6.929	6.122	87756982	111.2E6	50.355	54.500
19) B Endosulfa...	7.163	6.344	102.7E6	136.4E6	51.827	56.556
20) A Methoxychlor	7.505	6.621	53256296	71055541	54.248	56.829
21) B Endrin ke...	7.648	6.849	116.8E6	159.1E6	53.157	57.468m
22) Mirex	8.121	7.030	90835388	127.5E6	50.436	52.415m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092324\
Data File : PL091980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2024 17:34
Operator : AR\AJ
Sample : P4103-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

WC-22AMS

Manual Integrations

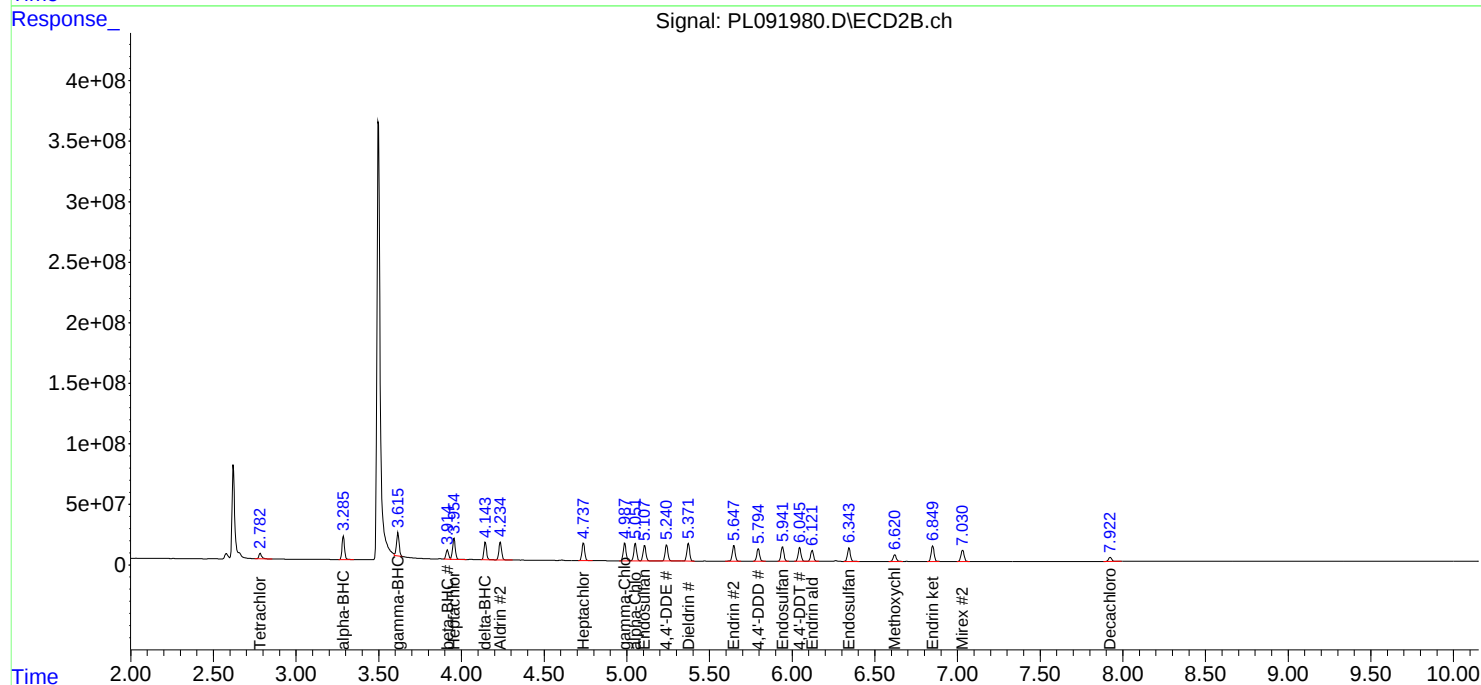
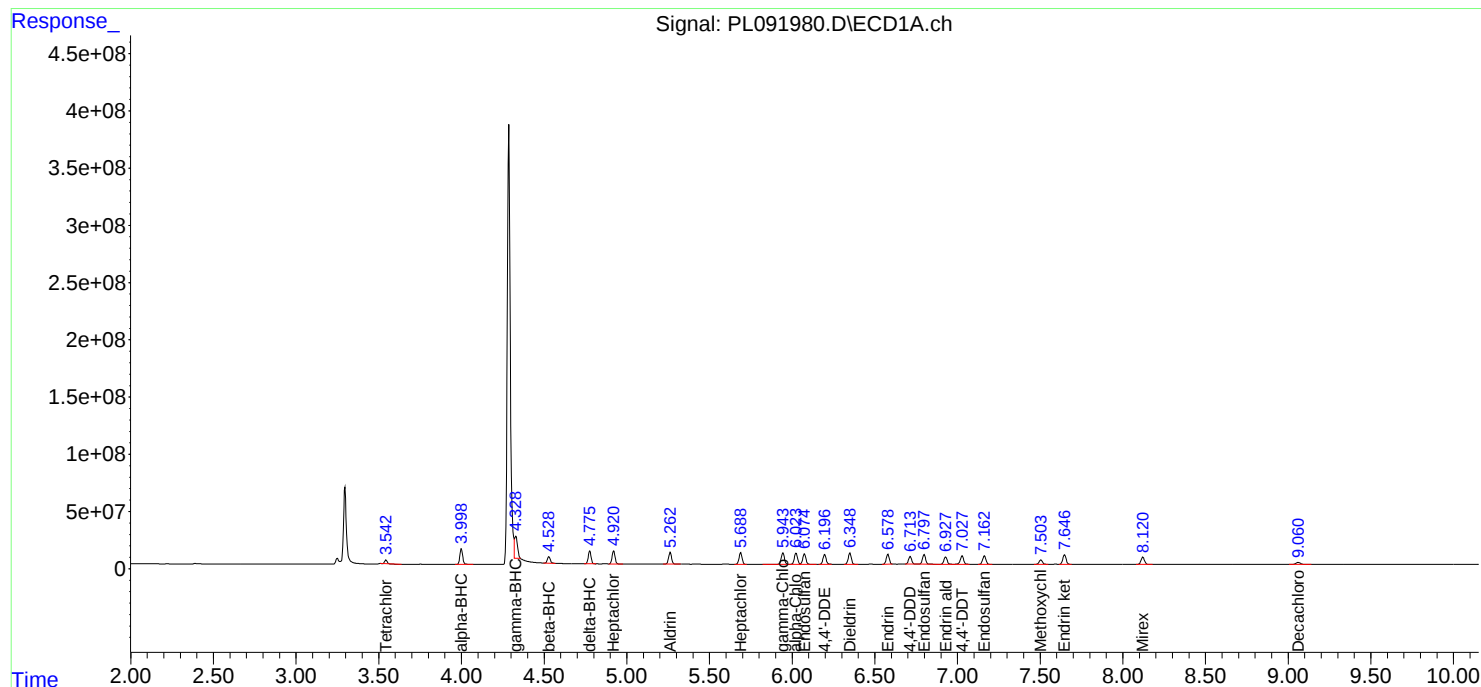
APPROVED

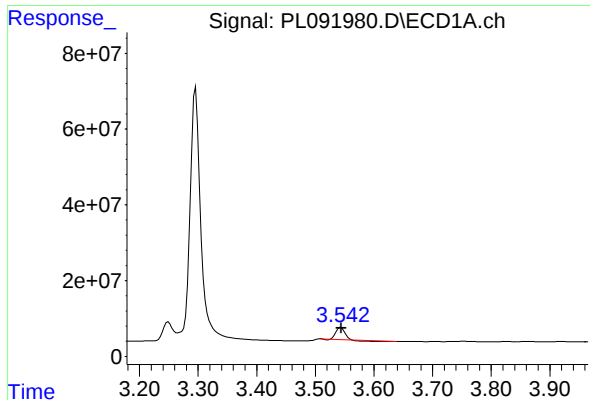
Reviewed By :Abdul Mirza 09/24/2024

Supervised By :Ankita Jodhani 09/24/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 02:06:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





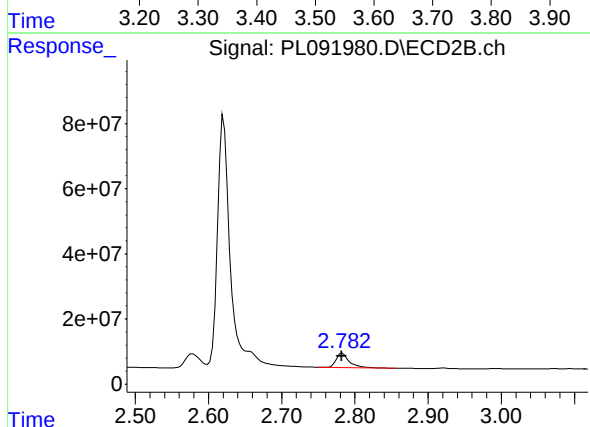
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 28882215
Conc: 12.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-22AMS

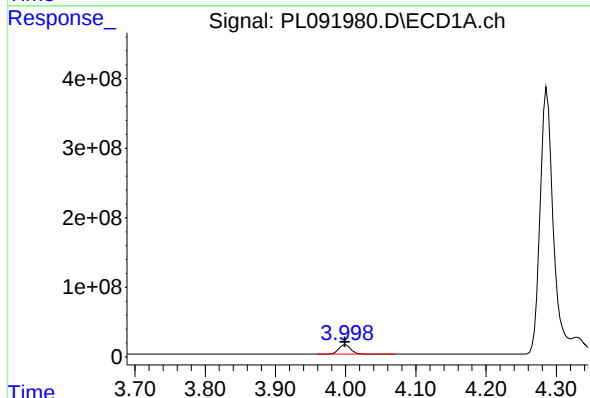
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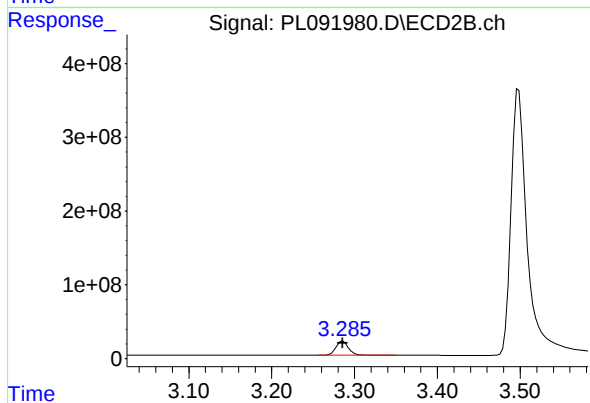
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 54699550
Conc: 21.81 ng/ml



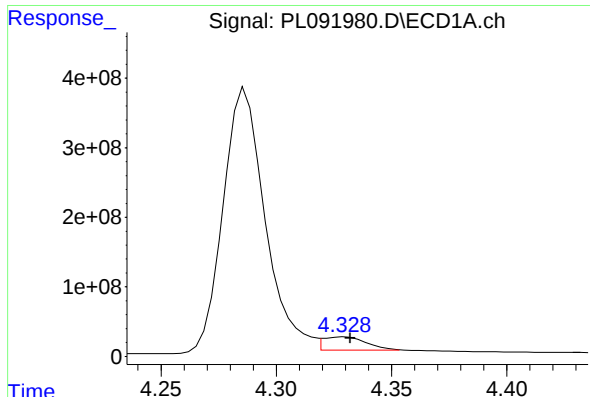
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 162802025
Conc: 52.58 ng/ml



#2 alpha-BHC

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 203610263
Conc: 55.89 ng/ml



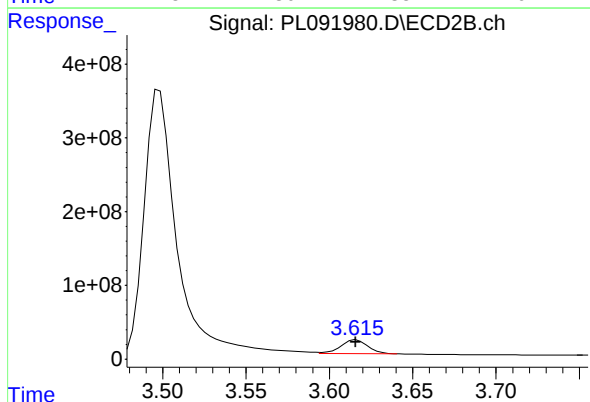
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 235646148
Conc: 76.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-22AMS

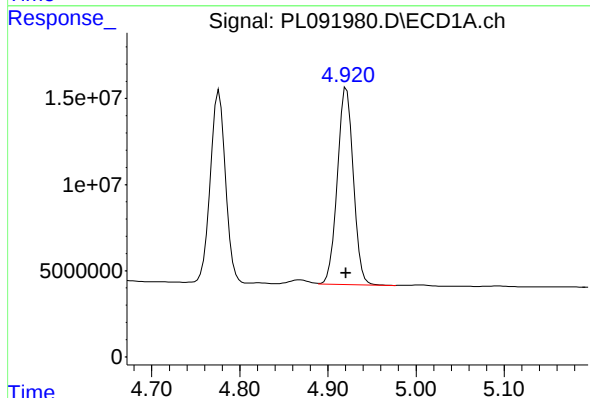
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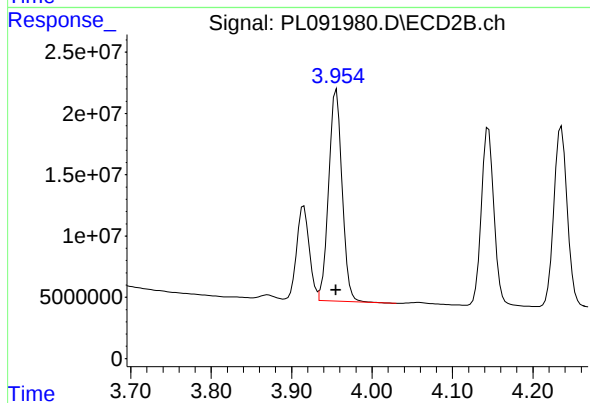
#3 gamma-BHC (Lindane)

R.T.: 3.615 min
Delta R.T.: 0.000 min
Response: 209499854
Conc: 59.33 ng/ml



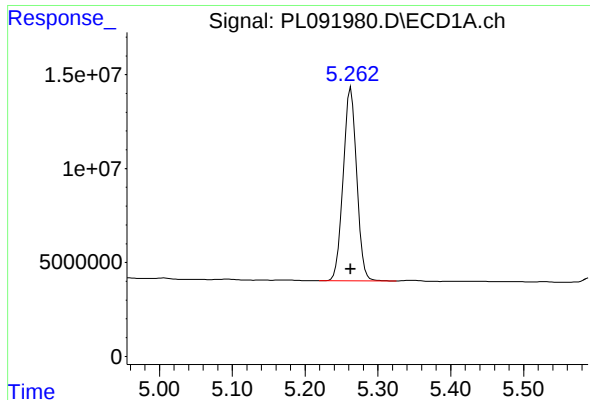
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 144235931
Conc: 52.16 ng/ml



#4 Heptachlor

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 199343103
Conc: 57.77 ng/ml



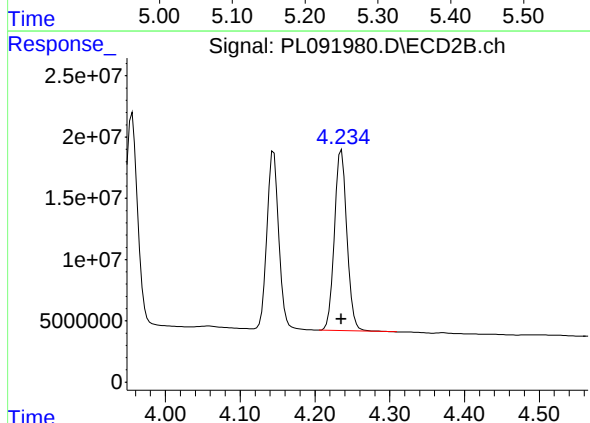
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 132504944
Conc: 47.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-22AMS

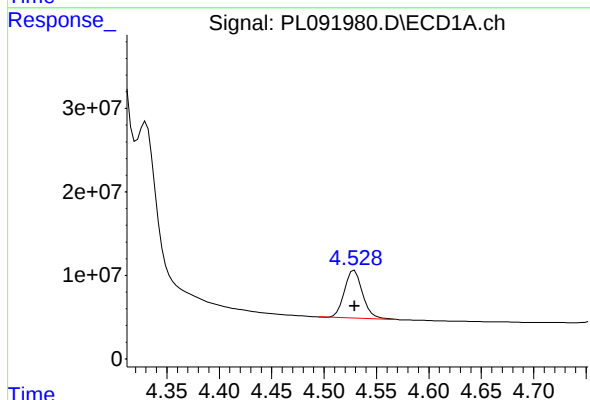
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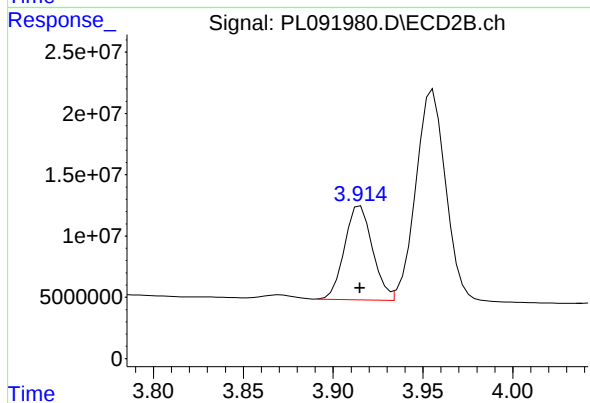
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 171853613
Conc: 50.53 ng/ml



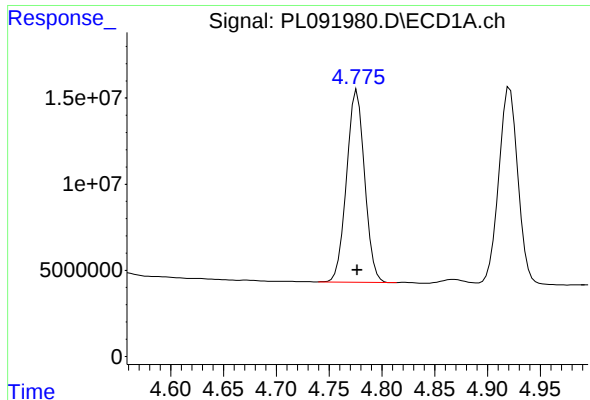
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 68924609
Conc: 51.96 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 82918823
Conc: 55.17 ng/ml



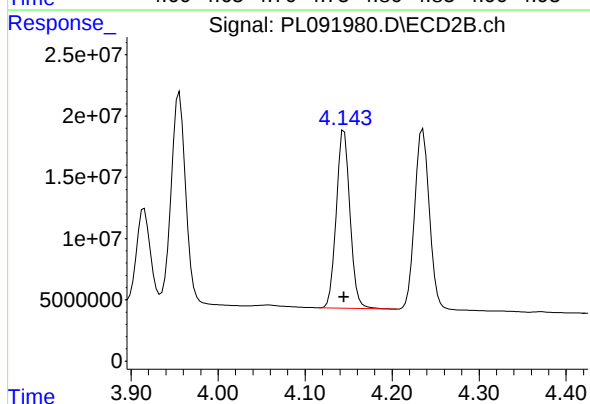
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 132617464
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-22AMS

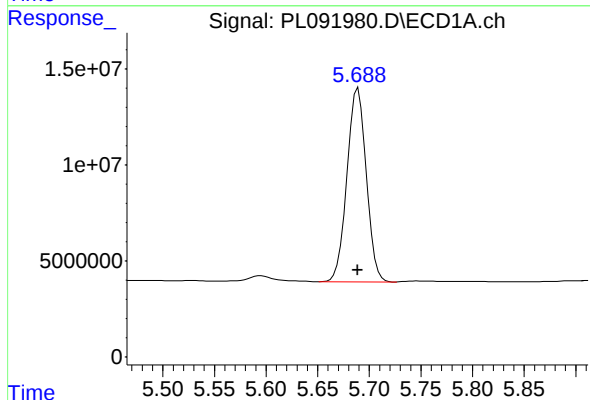
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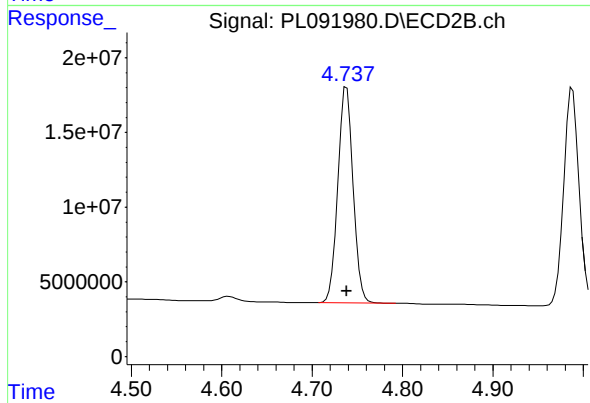
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 159190957
Conc: 45.85 ng/ml



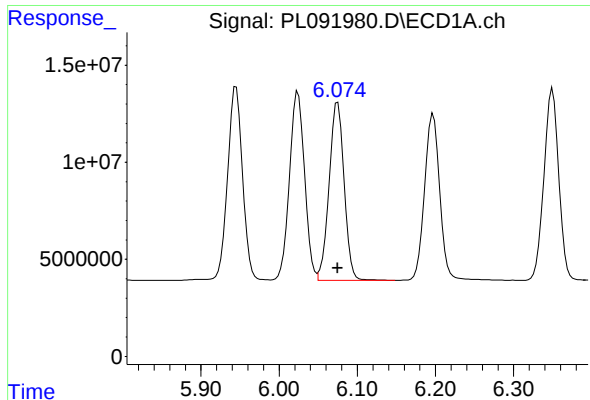
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 131148763
Conc: 51.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 169333547
Conc: 56.02 ng/ml



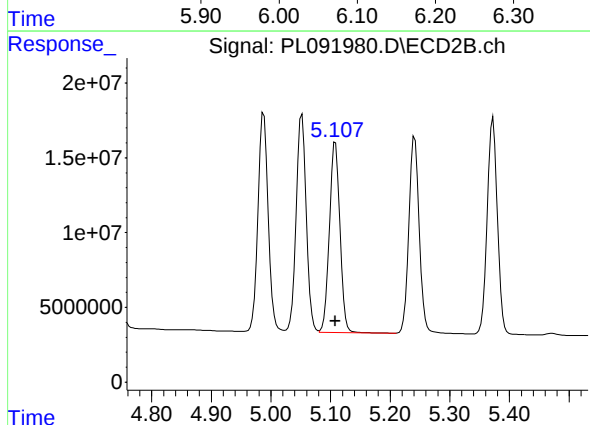
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 122328090
Conc: 52.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-22AMS

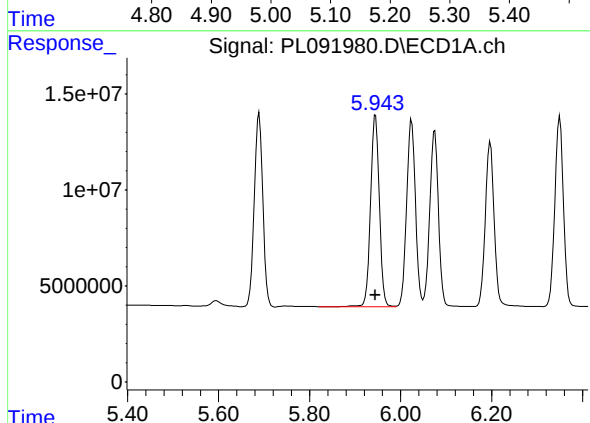
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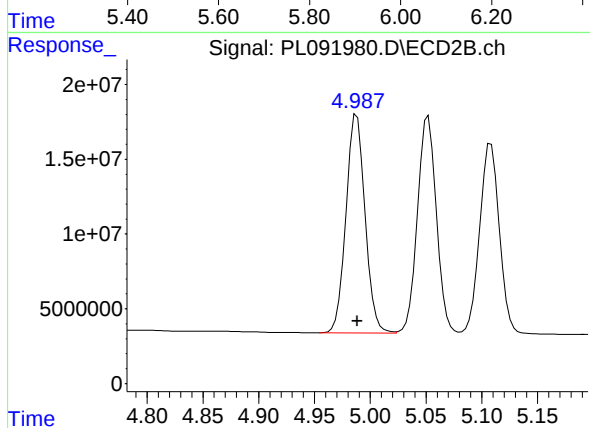
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 156330631
Conc: 56.96 ng/ml



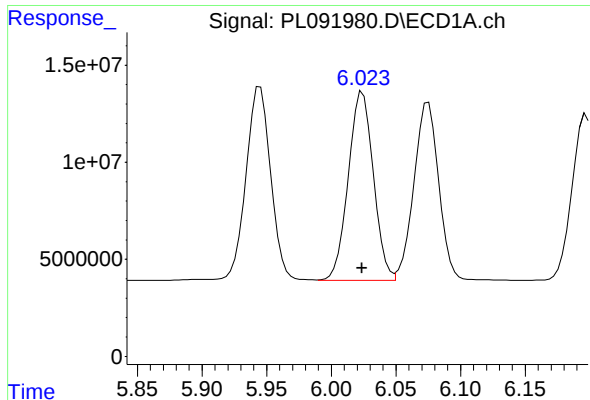
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 133157818
Conc: 53.88 ng/ml



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 173921313
Conc: 57.81 ng/ml



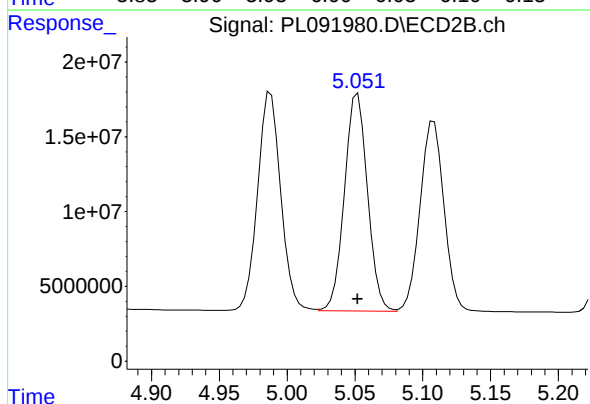
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 130989001
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-22AMS

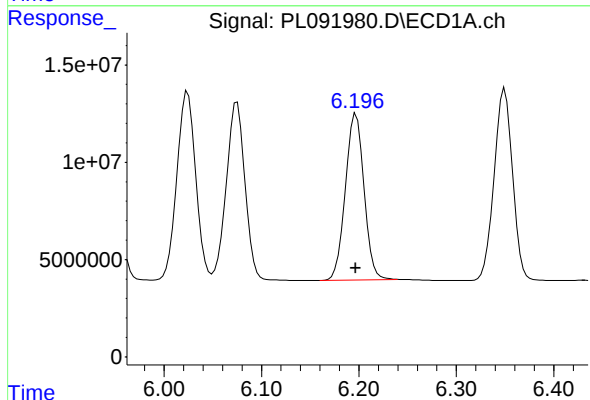
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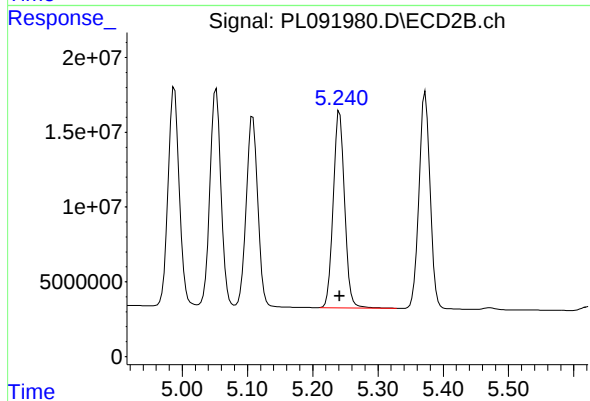
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 171479138
Conc: 57.28 ng/ml



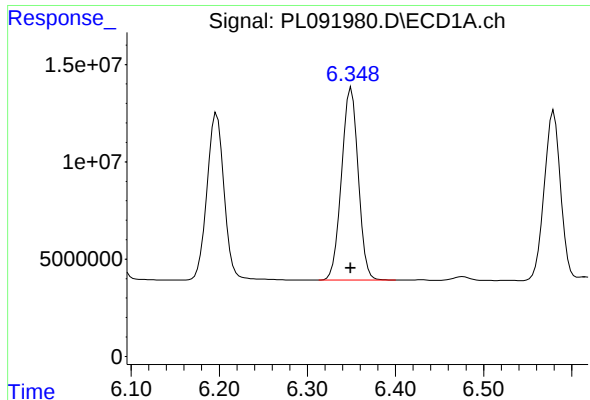
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 113533448
Conc: 52.45 ng/ml



#12 4,4'-DDE

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 159092921
Conc: 57.25 ng/ml



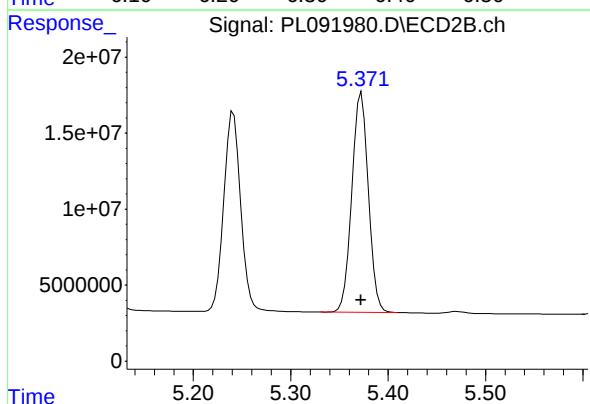
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 130175971
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-22AMS

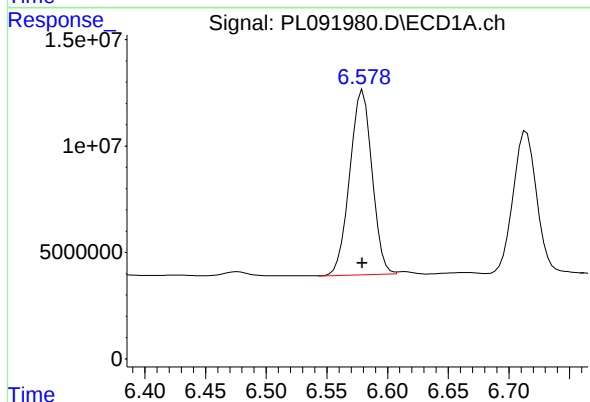
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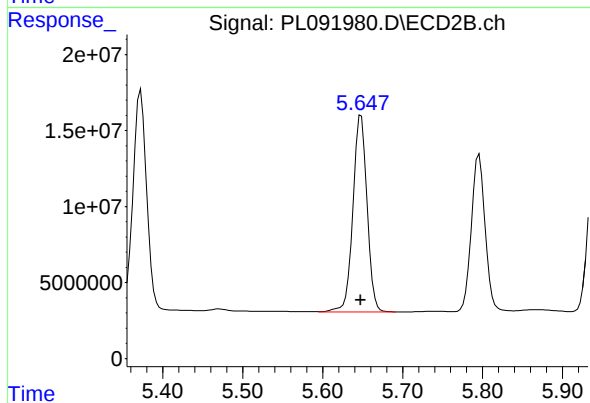
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 170269348
Conc: 58.08 ng/ml



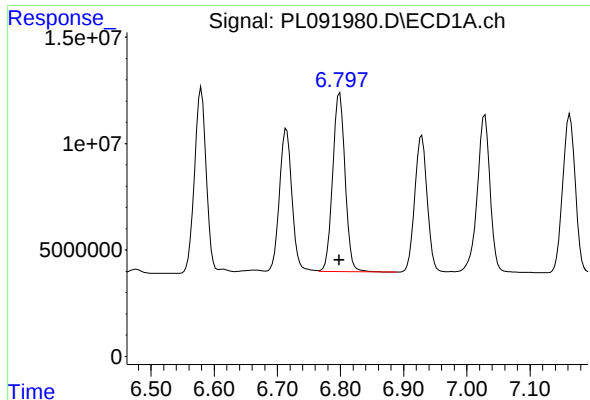
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 111159271
Conc: 53.94 ng/ml m



#14 Endrin

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 158838701
Conc: 60.58 ng/ml m



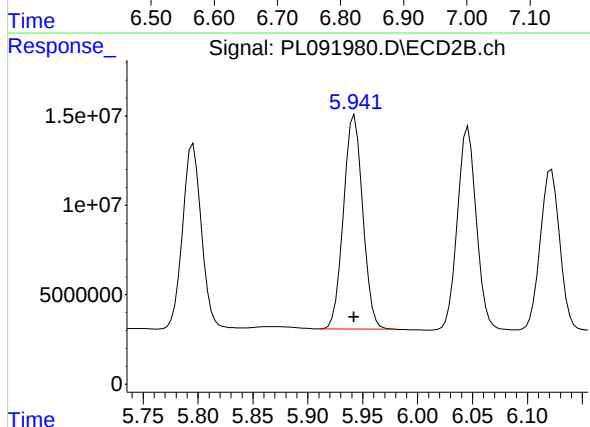
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 114674200
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
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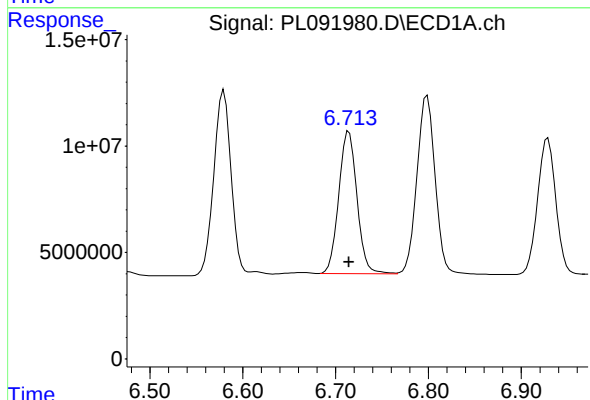
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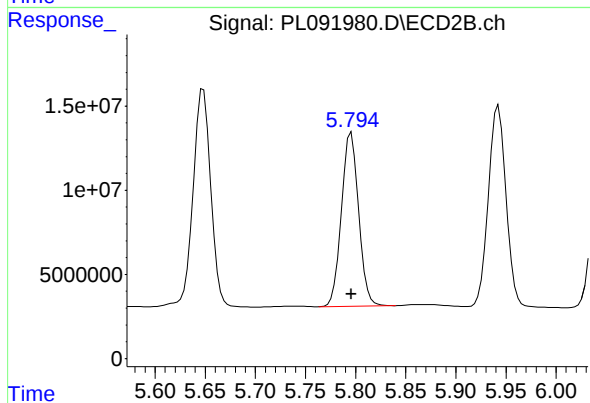
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 146221011
Conc: 58.43 ng/ml



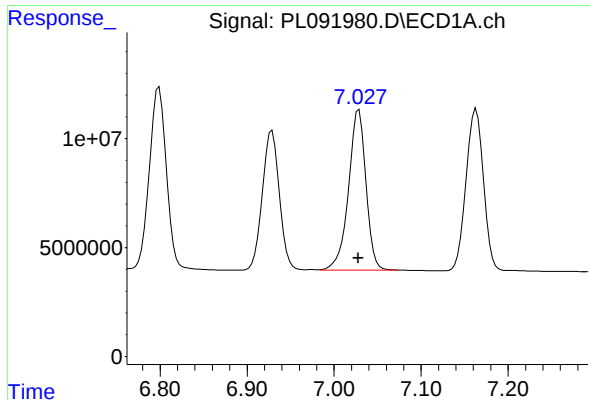
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 91632677
Conc: 51.03 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 122939260
Conc: 57.55 ng/ml



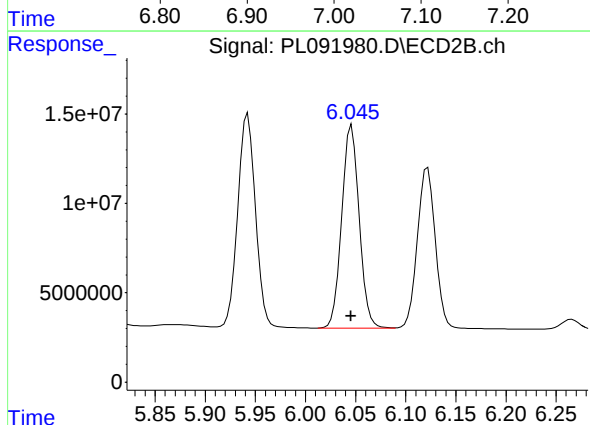
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 102989948
Conc: 55.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
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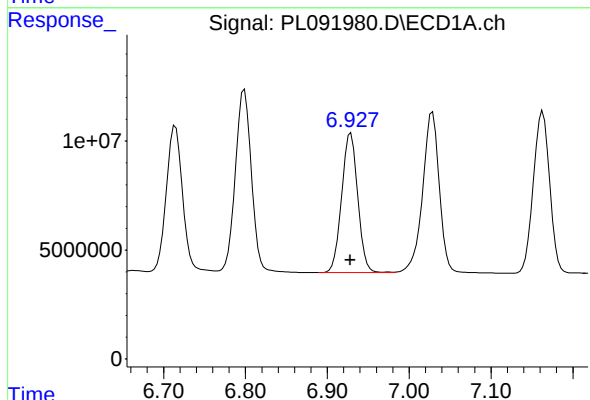
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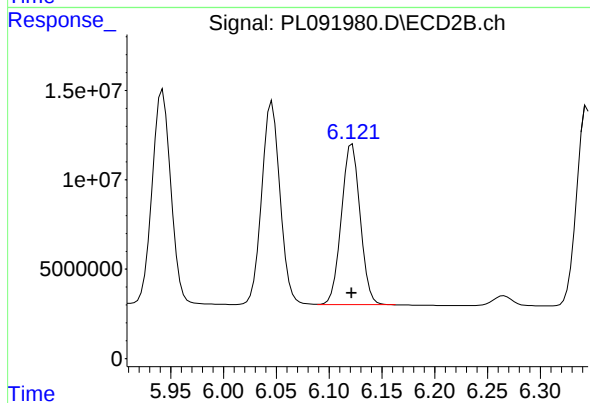
#17 4,4'-DDT

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 137197911
Conc: 59.31 ng/ml



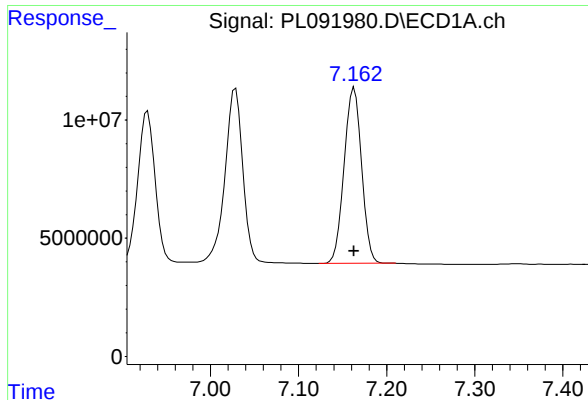
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 87756982
Conc: 50.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 111220339
Conc: 54.50 ng/ml



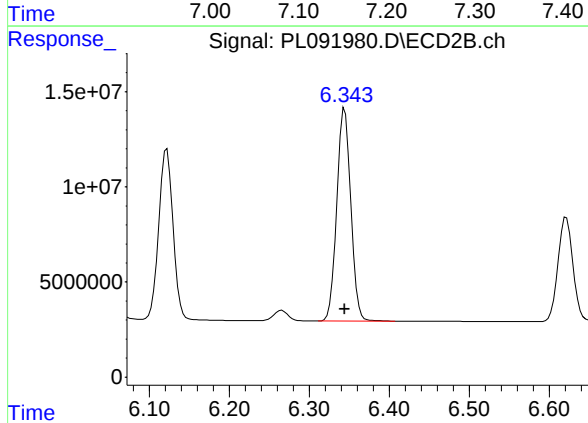
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 102736169
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
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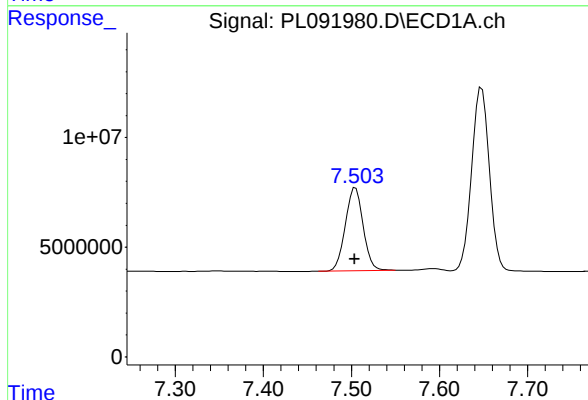
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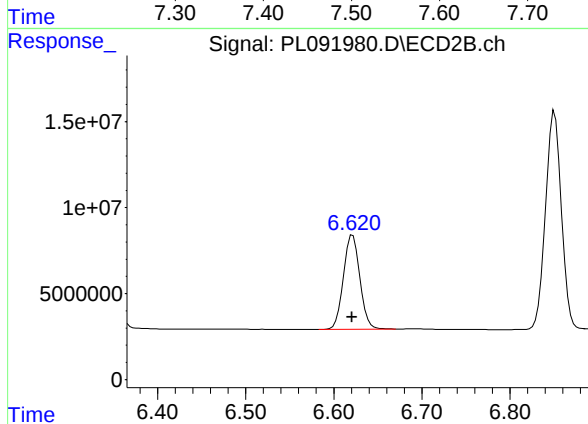
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 136441548
Conc: 56.56 ng/ml



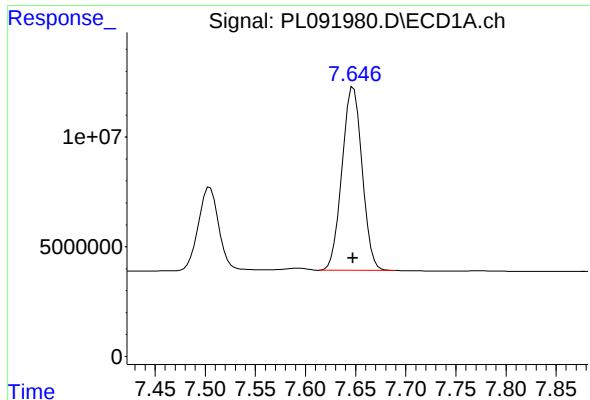
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.001 min
Response: 53256296
Conc: 54.25 ng/ml



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 71055541
Conc: 56.83 ng/ml



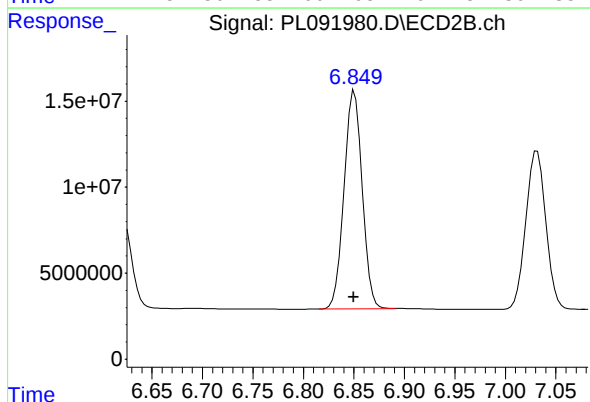
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 116815772
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-22AMS

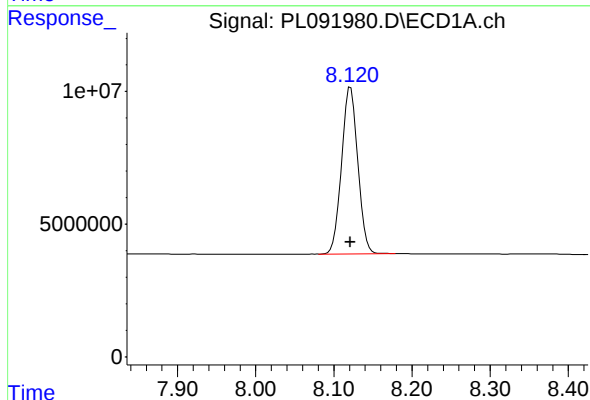
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/24/2024
Supervised By :Ankita Jodhani 09/24/2024



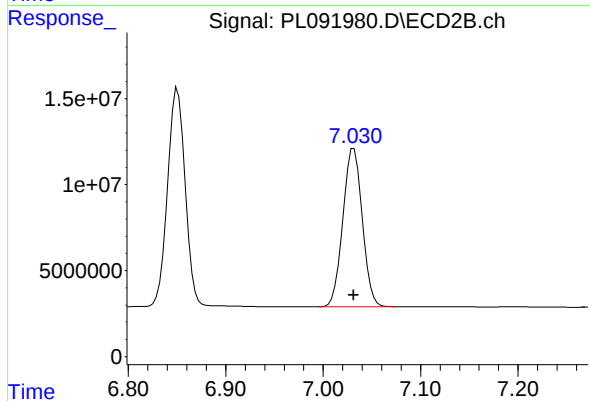
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 159124841
Conc: 57.47 ng/ml m



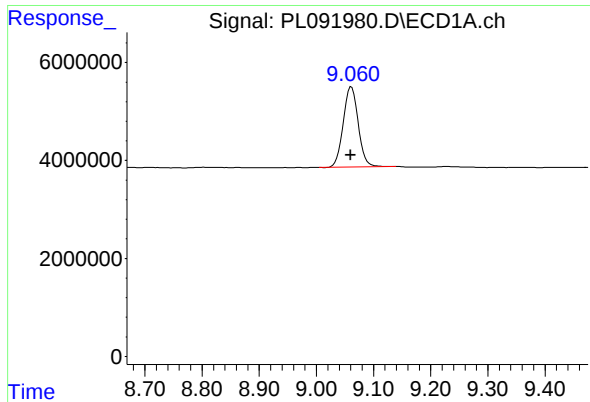
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 90835388
Conc: 50.44 ng/ml



#22 Mirex

R.T.: 7.030 min
Delta R.T.: -0.001 min
Response: 127506822
Conc: 52.41 ng/ml m



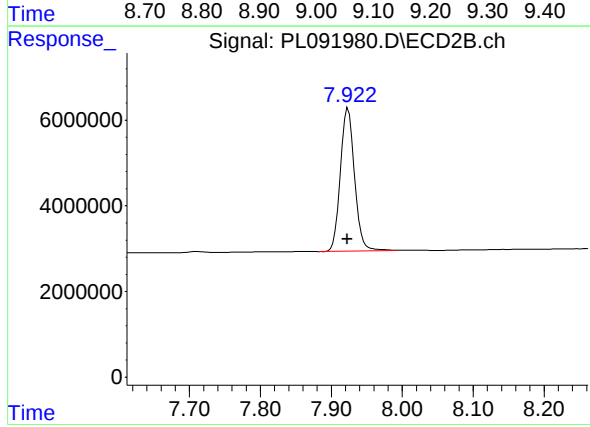
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 29906714
Conc: 18.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-22AMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.001 min
Response: 46409053
Conc: 18.55 ng/ml