

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 13:52
 Operator : AR\AJ
 Sample : PB165046BS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165046BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 22:59:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.536	2.774	49360549	49529498	20.145	18.202
28) SA Decachlor...	9.054	7.913	27470790	44711539	14.274	16.382
Target Compounds						
2) A alpha-BHC	3.993	3.277	169.9E6	203.5E6	50.084	51.009
3) MA gamma-BHC...	4.324	3.607	158.3E6	193.6E6	48.551m	50.175
4) MA Heptachlor	4.914	3.946	148.5E6	205.6E6	49.447	54.472
5) MB Aldrin	5.256	4.226	139.5E6	180.8E6	46.486	49.392
6) B beta-BHC	4.523	3.907	70453308	84759341	48.741	51.486
7) B delta-BHC	4.770	4.136	135.6E6	160.5E6	43.311	41.762
8) B Heptachlo...	5.682	4.729	128.3E6	170.8E6	46.460	51.105
9) A Endosulfan I	6.069	5.098	119.4E6	162.3E6	47.740	53.153
10) B gamma-Chl...	5.938	4.979	127.2E6	180.1E6	47.818	53.565
11) B alpha-Chl...	6.017	5.042	127.7E6	177.0E6	48.205	53.205
12) B 4,4'-DDE	6.191	5.232	115.1E6	174.7E6	48.579	54.239
13) MA Dieldrin	6.343	5.363	126.2E6	177.0E6	47.900	52.991
14) MA Endrin	6.573	5.638	106.6E6	162.6E6	46.816	56.214
15) B Endosulfa...	6.793	5.933	109.0E6	151.6E6	45.741	53.520
16) A 4,4'-DDD	6.707	5.786	89985487	135.0E6	46.879m	54.226
17) MA 4,4'-DDT	7.022	6.037	102.2E6	141.8E6	49.373	52.867
18) B Endrin al...	6.922	6.112	84775799	116.3E6	45.142	50.403
19) B Endosulfa...	7.157	6.335	96158498	135.7E6	44.306	50.325
20) A Methoxychlor	7.499	6.612	52577850	74791686	46.121	52.374
21) B Endrin ke...	7.642	6.839	112.5E6	157.8E6	46.450	51.409m
22) Mirex	8.116	7.020	79171493	114.2E6	39.951	43.768m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 13:52
Operator : AR\AJ
Sample : PB165046BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB165046BS

Manual Integrations

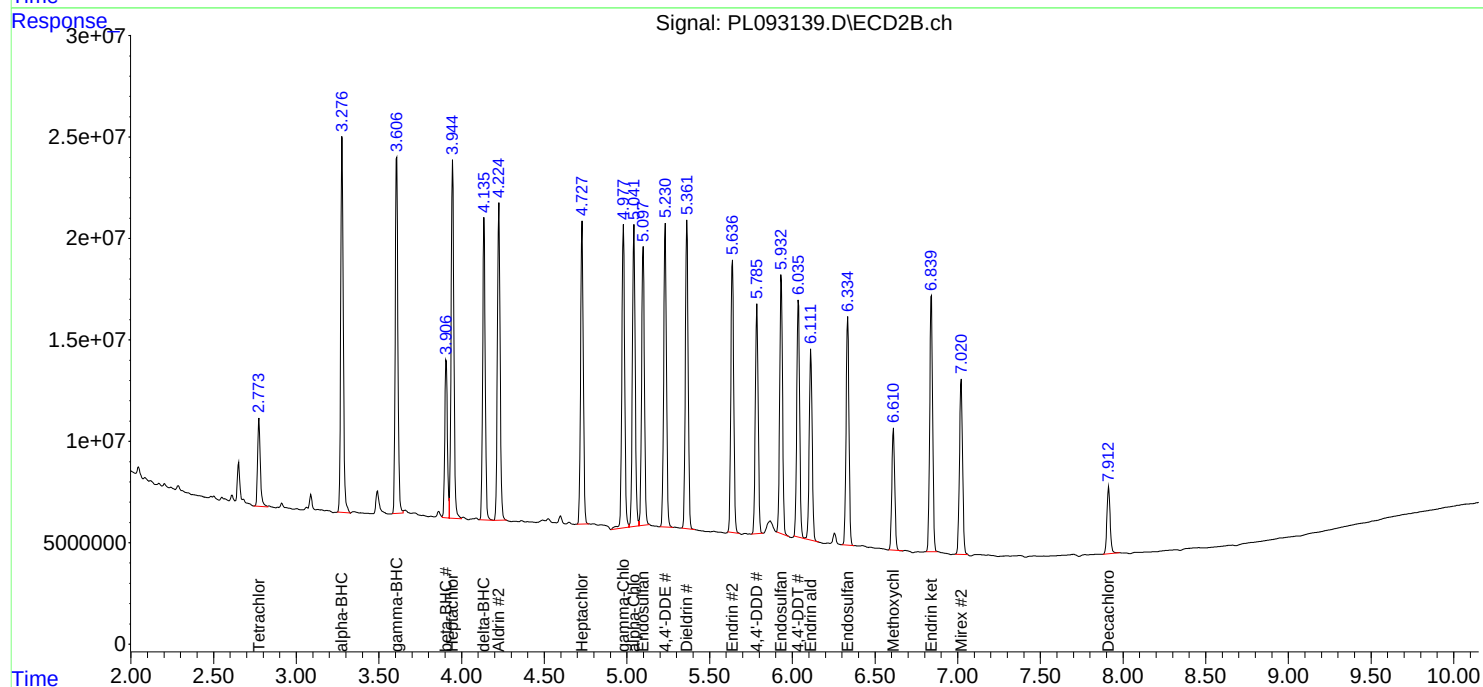
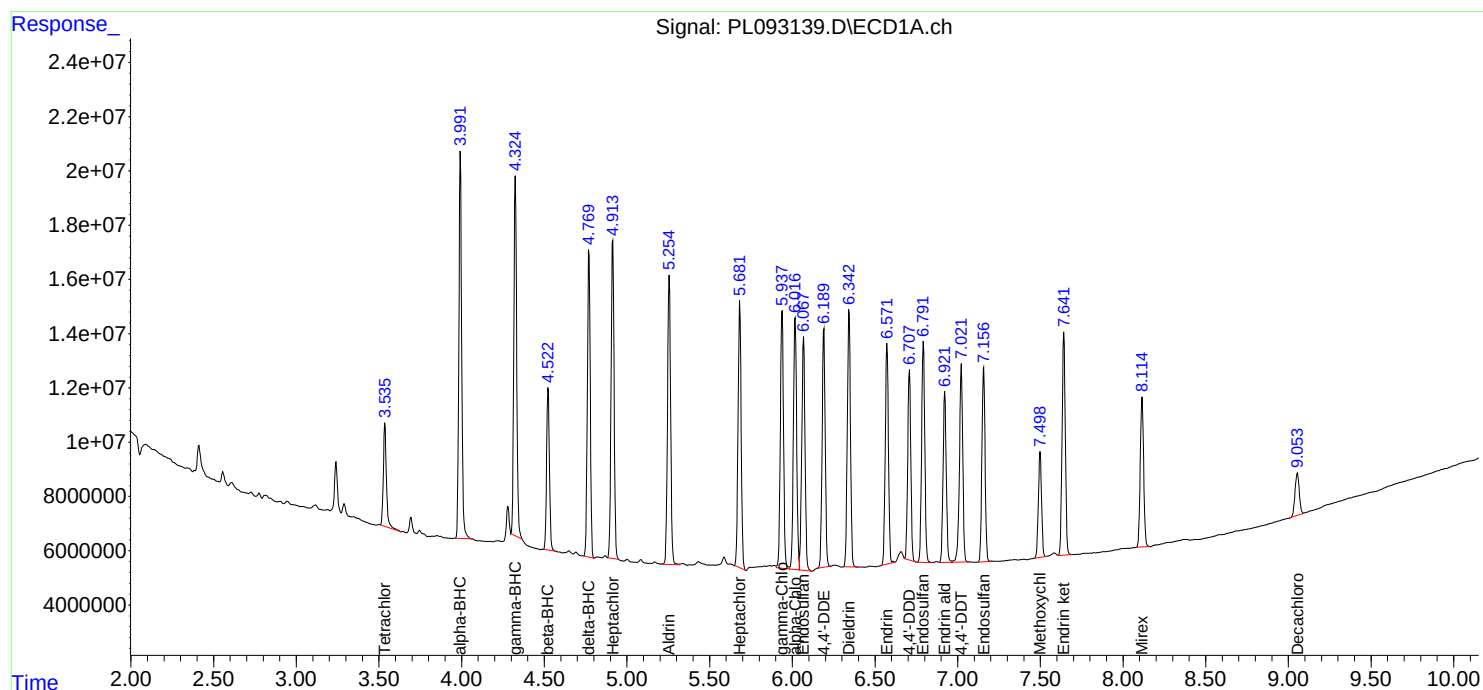
APPROVED

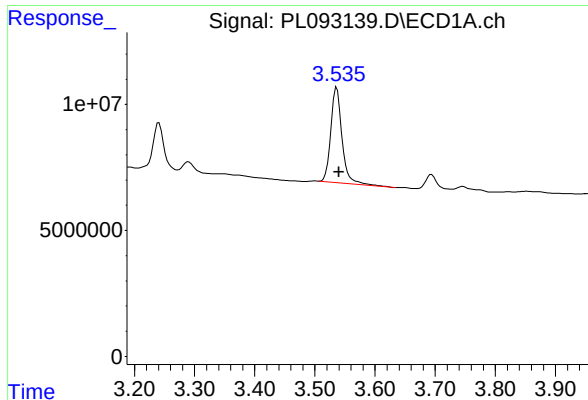
Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 22:59:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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





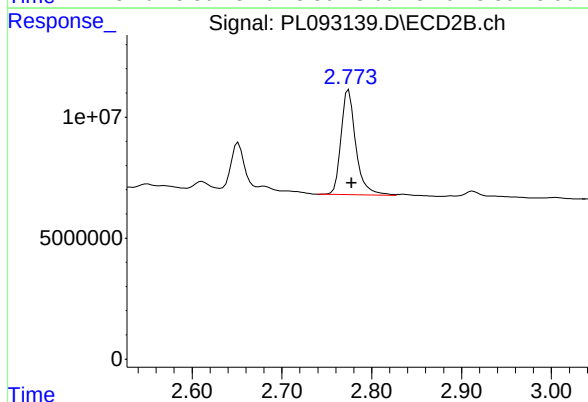
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.004 min
Response: 49360549
Conc: 20.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BS

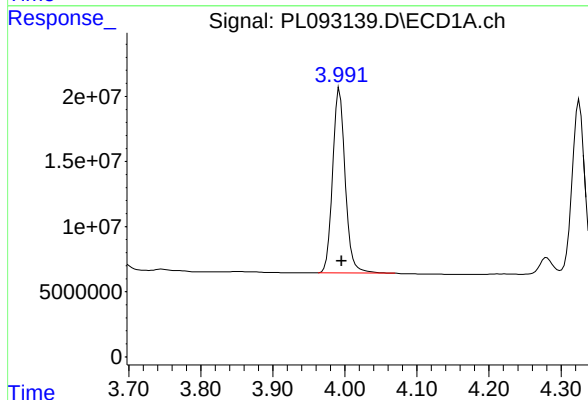
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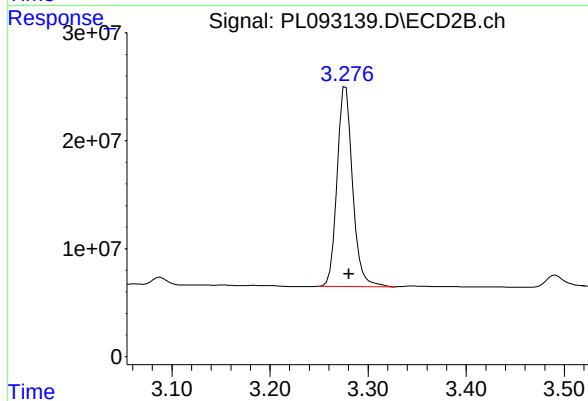
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.003 min
Response: 49529498
Conc: 18.20 ng/ml



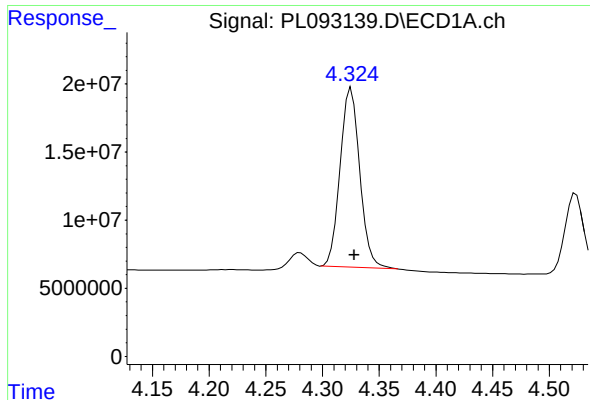
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 169862760
Conc: 50.08 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 203535136
Conc: 51.01 ng/ml



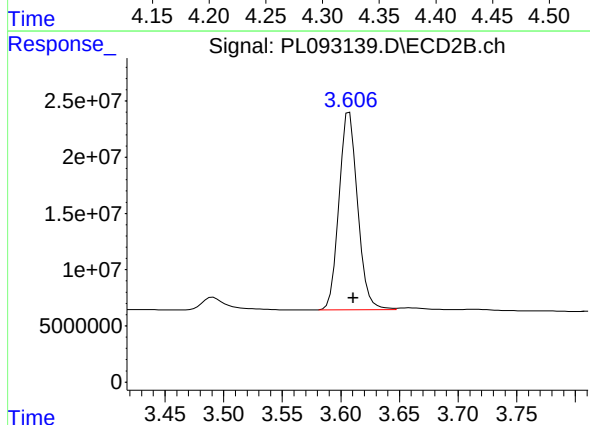
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.004 min
Response: 158256094
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BS

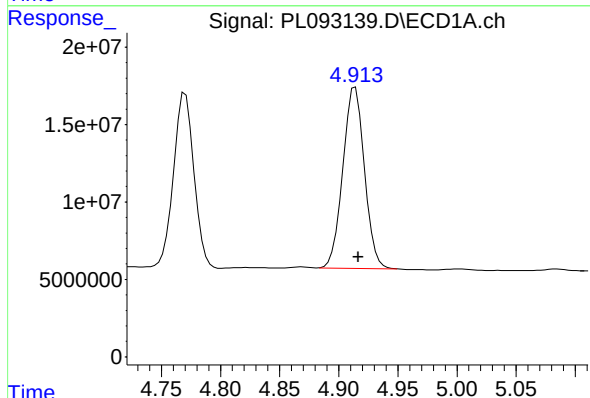
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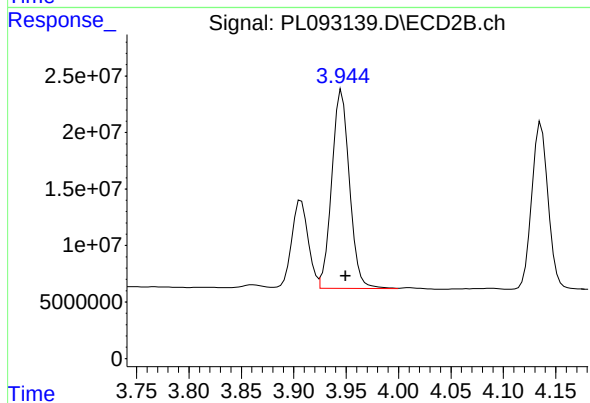
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 193649513
Conc: 50.18 ng/ml



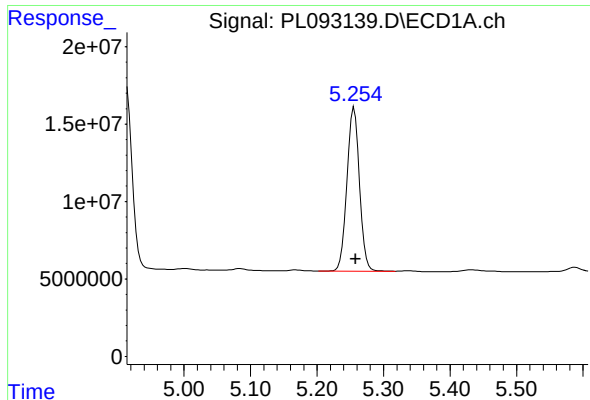
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 148496374
Conc: 49.45 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 205572974
Conc: 54.47 ng/ml



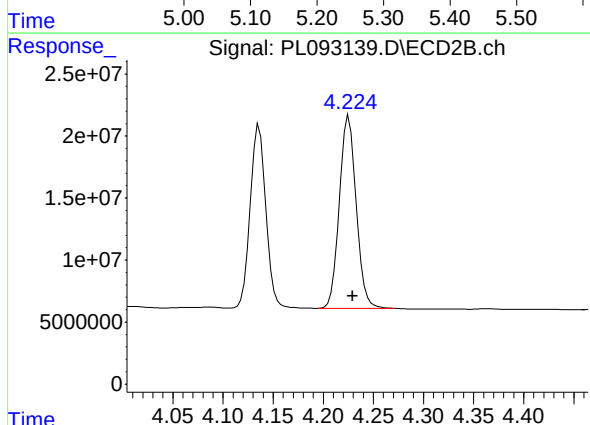
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.002 min
Response: 139527982
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BS

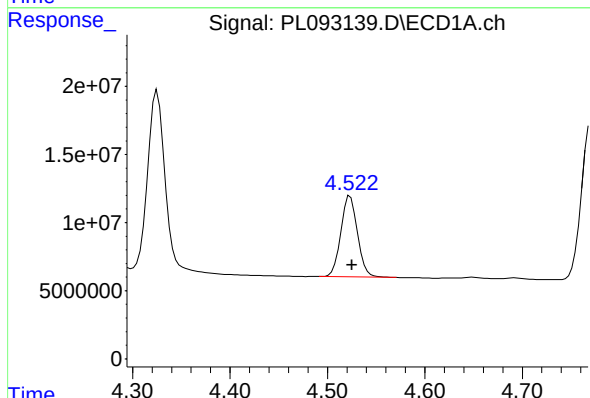
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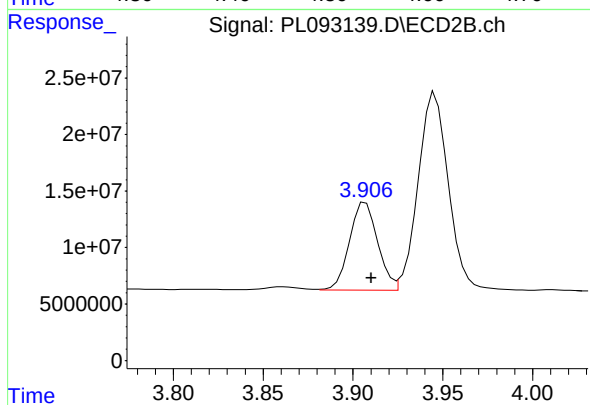
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.004 min
Response: 180783896
Conc: 49.39 ng/ml



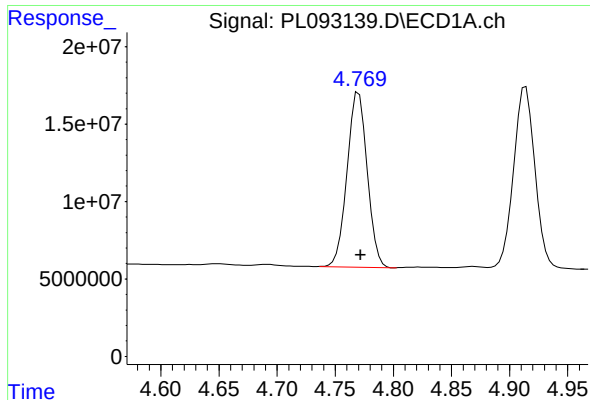
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 70453308
Conc: 48.74 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 84759341
Conc: 51.49 ng/ml



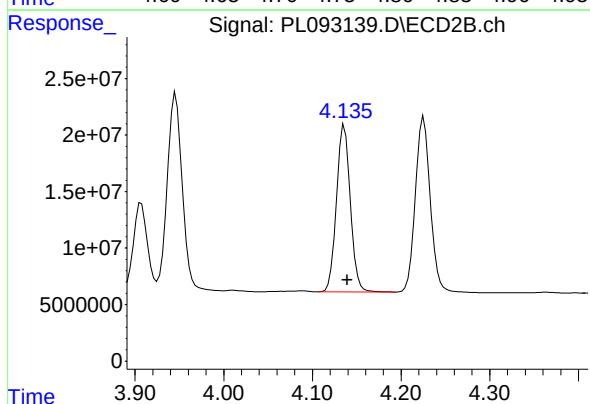
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 135556615
Conc: 43.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BS

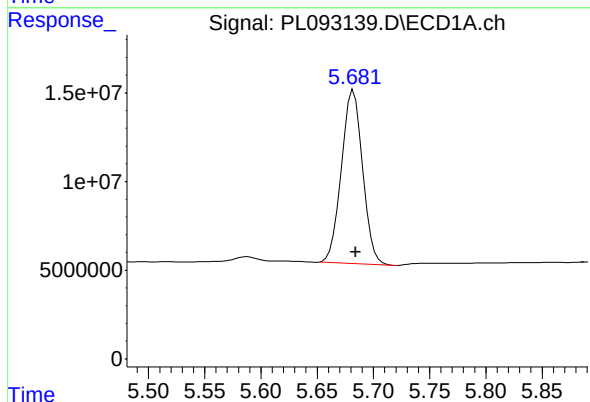
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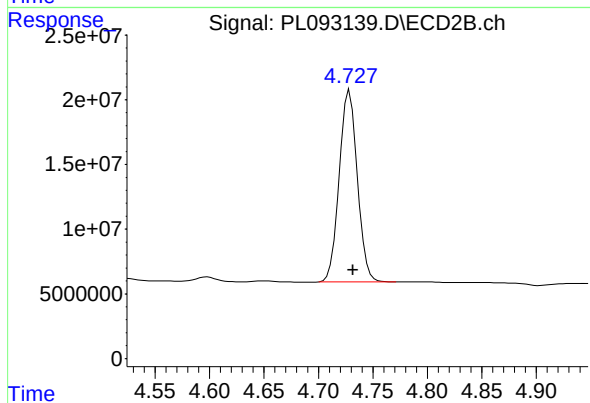
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.003 min
Response: 160496020
Conc: 41.76 ng/ml



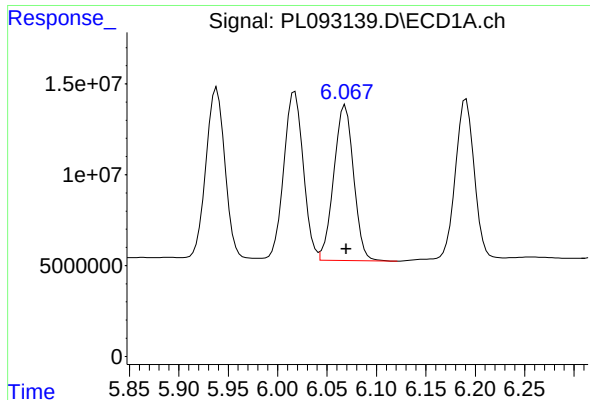
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 128296407
Conc: 46.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: -0.003 min
Response: 170761677
Conc: 51.10 ng/ml



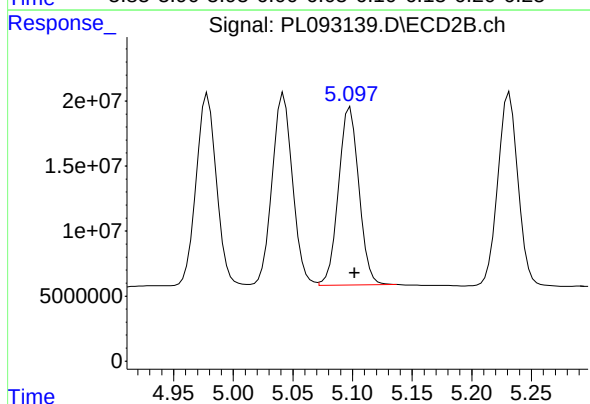
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: -0.001 min
Response: 119415539
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BS

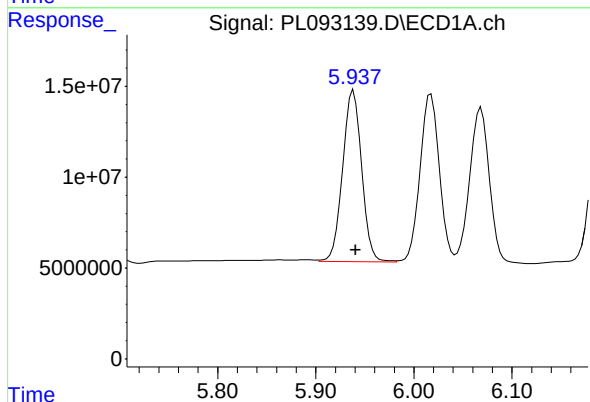
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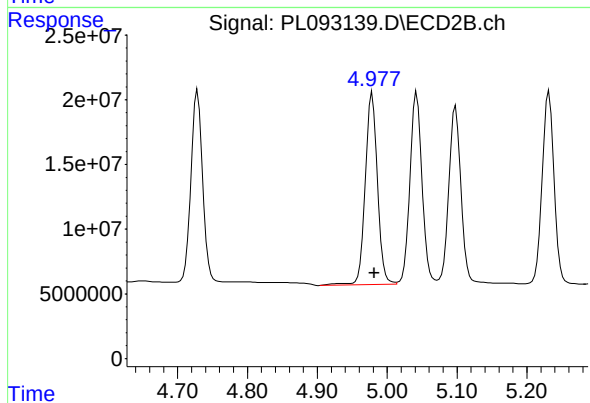
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 162284792
Conc: 53.15 ng/ml



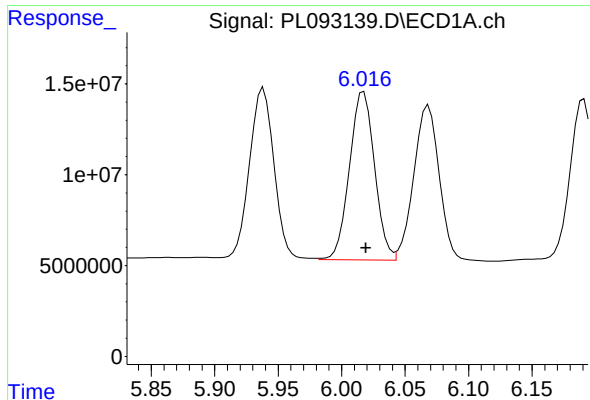
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 127227403
Conc: 47.82 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 180069935
Conc: 53.57 ng/ml



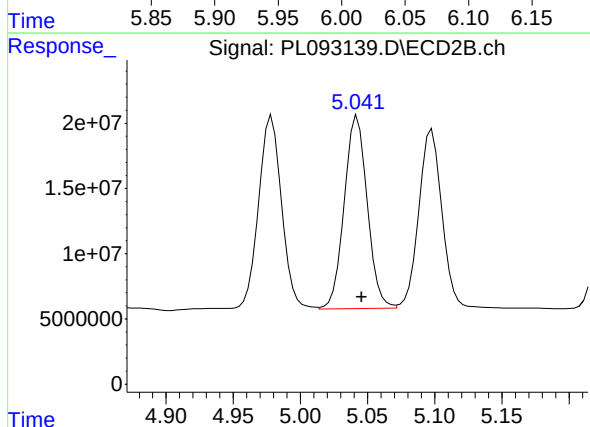
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 127654224
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BS

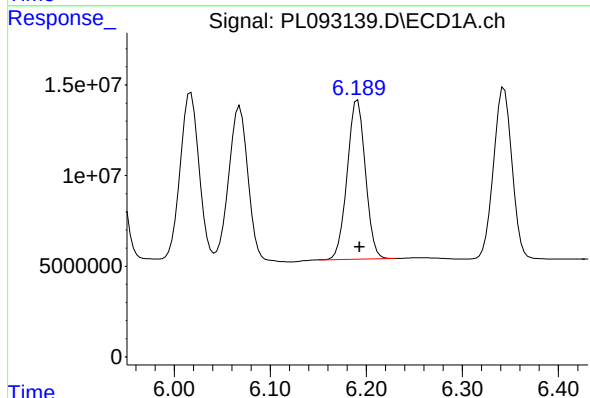
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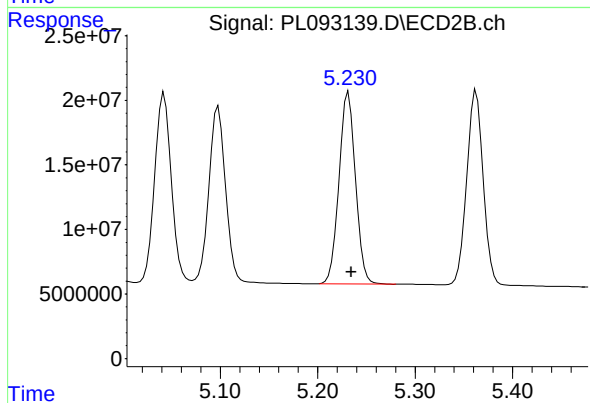
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.003 min
Response: 176960673
Conc: 53.20 ng/ml



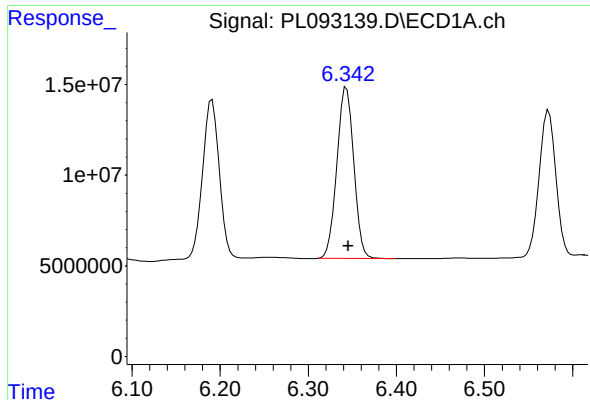
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 115092972
Conc: 48.58 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 174736543
Conc: 54.24 ng/ml



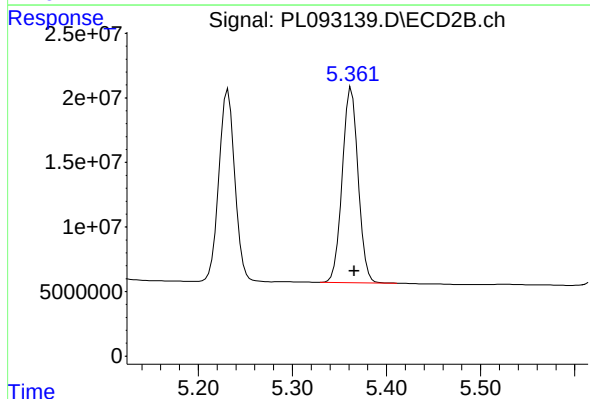
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 126239891
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BS

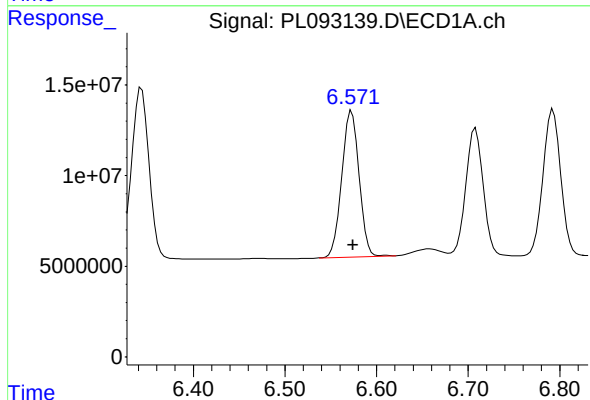
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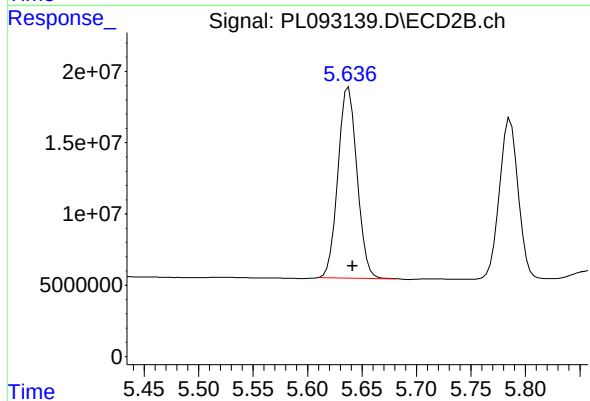
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 177005086
Conc: 52.99 ng/ml



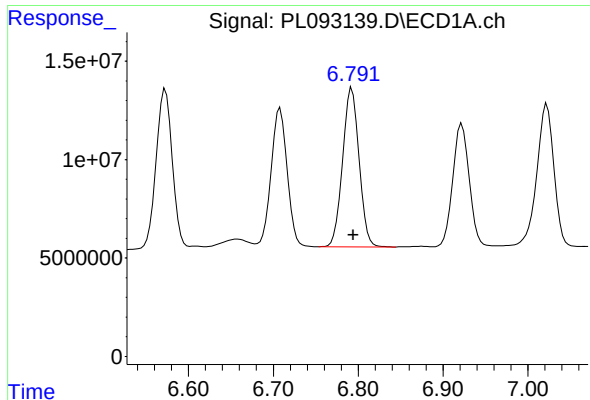
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 106585125
Conc: 46.82 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.004 min
Response: 162626202
Conc: 56.21 ng/ml



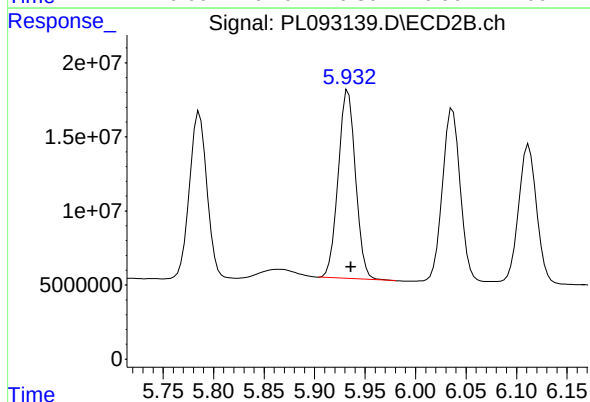
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 109037838
Conc: 45.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BS

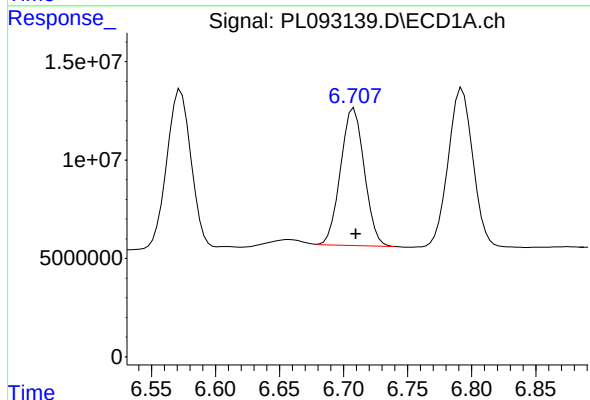
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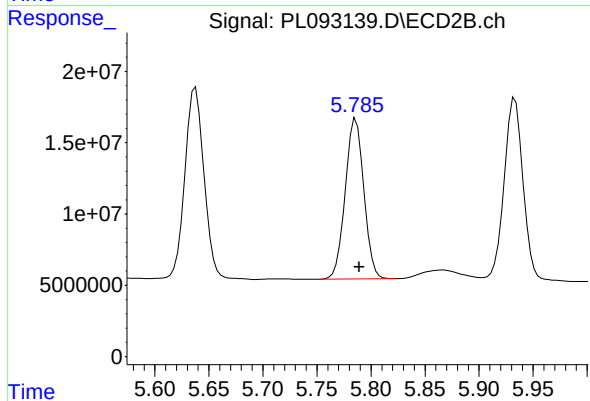
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.003 min
Response: 151636514
Conc: 53.52 ng/ml



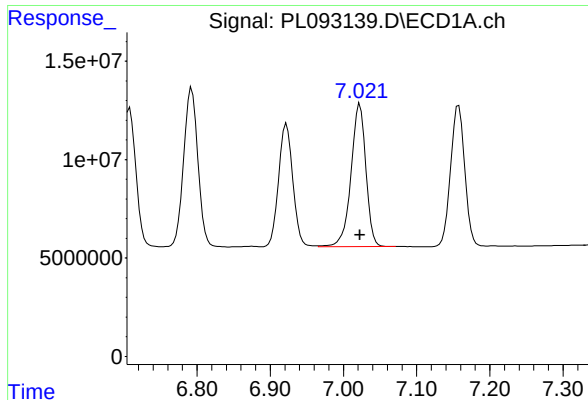
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 89985487
Conc: 46.88 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 135025780
Conc: 54.23 ng/ml



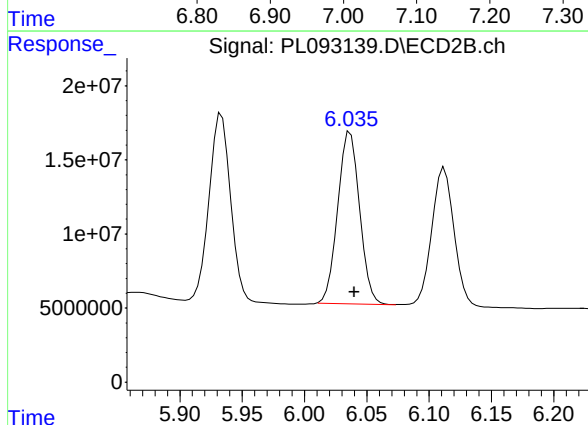
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 102188833
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BS

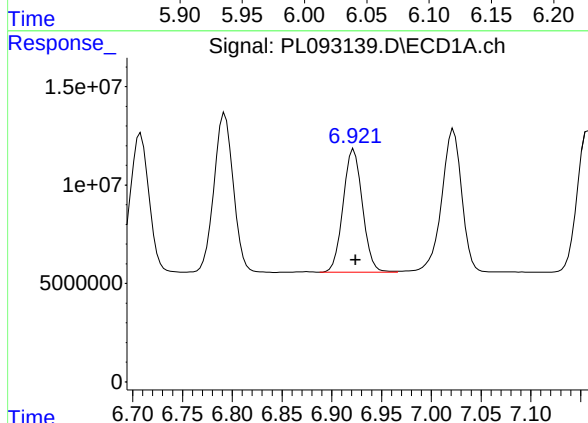
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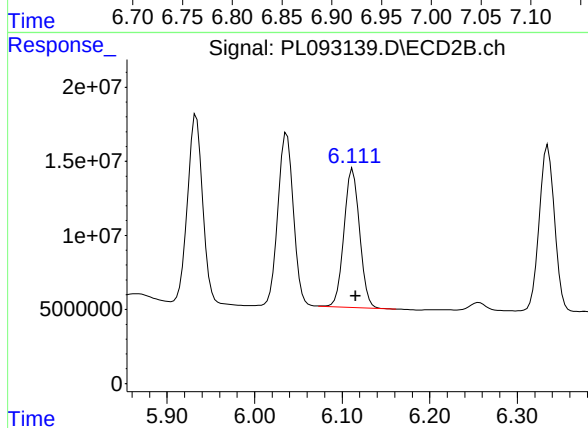
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 141803905
Conc: 52.87 ng/ml



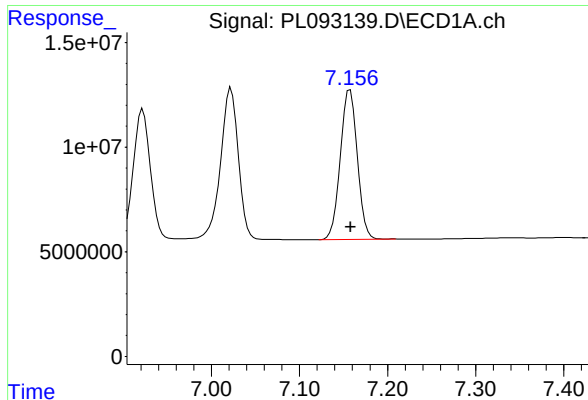
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 84775799
Conc: 45.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 116292948
Conc: 50.40 ng/ml



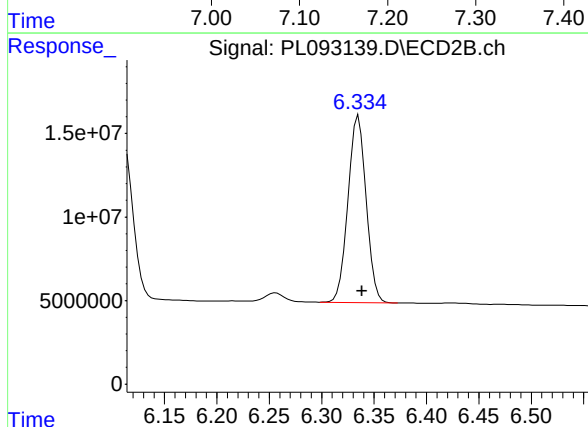
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 96158498
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BS

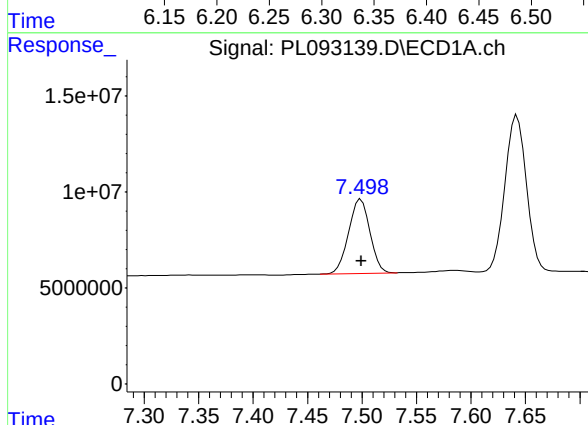
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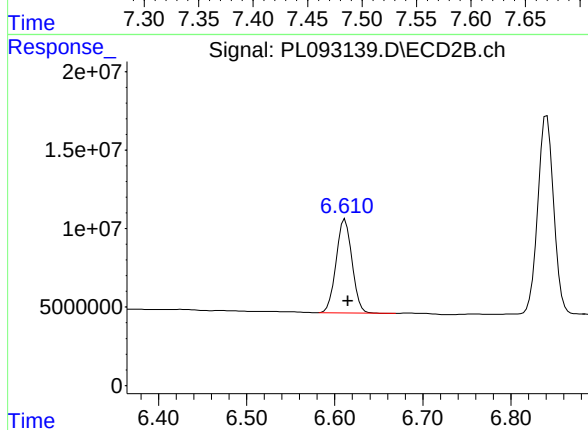
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 135720386
Conc: 50.33 ng/ml



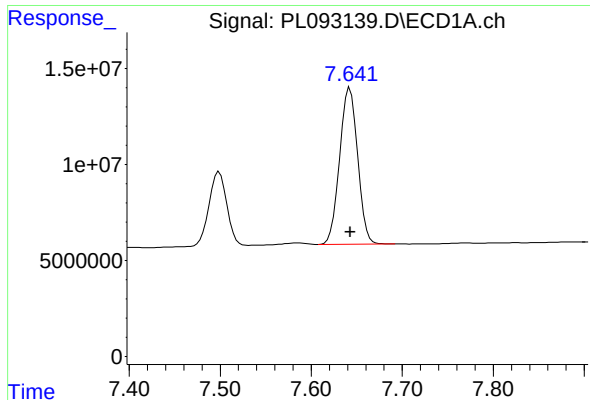
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 52577850
Conc: 46.12 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 74791686
Conc: 52.37 ng/ml



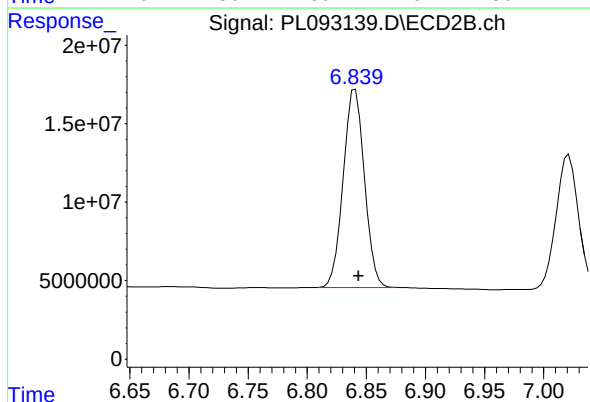
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 112538946
Conc: 46.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165046BS

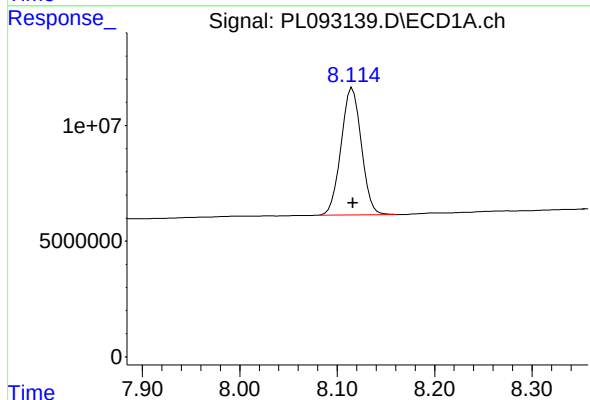
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Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



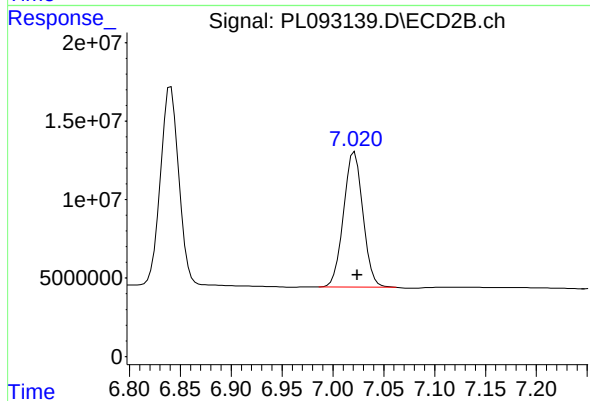
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 157765138
Conc: 51.41 ng/ml m



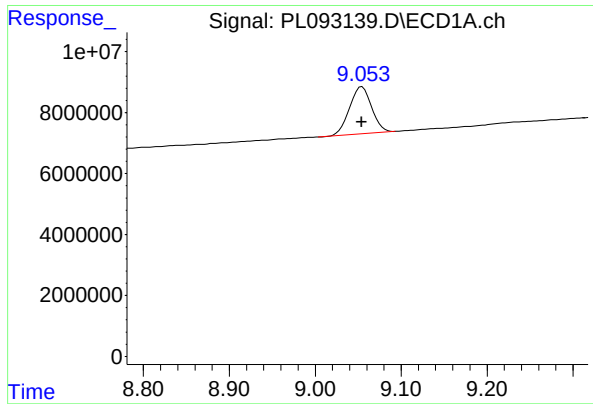
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 79171493
Conc: 39.95 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 114194177
Conc: 43.77 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 27470790
Conc: 14.27 ng/ml

Instrument :

ECD_L

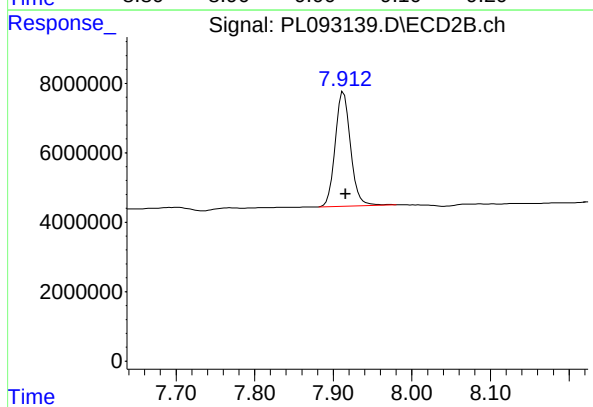
ClientSampleId :

PB165046BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 44711539
Conc: 16.38 ng/ml