

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093147.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 15:37
 Operator : AR\AJ
 Sample : P4860-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH2-BOT-007MS

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 23:07:07 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...	3.534	2.774	37307607	39587444	15.226m	14.548
28) SA Decachlor...	9.053	7.913	28072872	43529296	14.587	15.949
Target Compounds						
2) A alpha-BHC	3.993	3.277	157.4E6	188.9E6	46.402	47.334
3) MA gamma-BHC...	4.325	3.607	149.4E6	180.3E6	45.835	46.720
4) MA Heptachlor	4.914	3.946	141.2E6	188.8E6	47.021	50.034
5) MB Aldrin	5.255	4.225	132.7E6	177.3E6	44.223	48.434
6) B beta-BHC	4.523	3.907	67499138	82071127	46.697	49.853
7) B delta-BHC	4.770	4.136	118.7E6	152.5E6	37.938	39.682
8) B Heptachlo...	5.682	4.728	122.3E6	161.9E6	44.290	48.451
9) A Endosulfan I	6.068	5.098	111.5E6	143.6E6	44.566	47.030
10) B gamma-Chl...	5.937	4.977	123.3E6	170.1E6	46.328	50.587m
11) B alpha-Chl...	6.017	5.042	121.0E6	169.8E6	45.699	51.050
12) B 4,4'-DDE	6.190	5.231	110.1E6	169.4E6	46.489	52.581
13) MA Dieldrin	6.343	5.362	116.7E6	168.5E6	44.266	50.454
14) MA Endrin	6.571	5.637	101.5E6	151.9E6	44.585m	52.512m
15) B Endosulfa...	6.791	5.933	106.2E6	140.6E6	44.554m	49.639
16) A 4,4'-DDD	6.707	5.786	88274481	129.5E6	45.988m	52.011
17) MA 4,4'-DDT	7.022	6.036	104.0E6	137.0E6	50.237	51.077
18) B Endrin al...	6.921	6.112	77298481	106.7E6	41.161m	46.261
19) B Endosulfa...	7.157	6.335	91023048	126.1E6	41.940	46.765
20) A Methoxychlor	7.499	6.612	49633750	70726700	43.538	49.527
21) B Endrin ke...	7.642	6.841	106.1E6	145.5E6	43.812	47.404
22) Mirex	8.116	7.021	75067847	109.8E6	37.880	42.077

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093147.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:37
Operator : AR\AJ
Sample : P4860-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

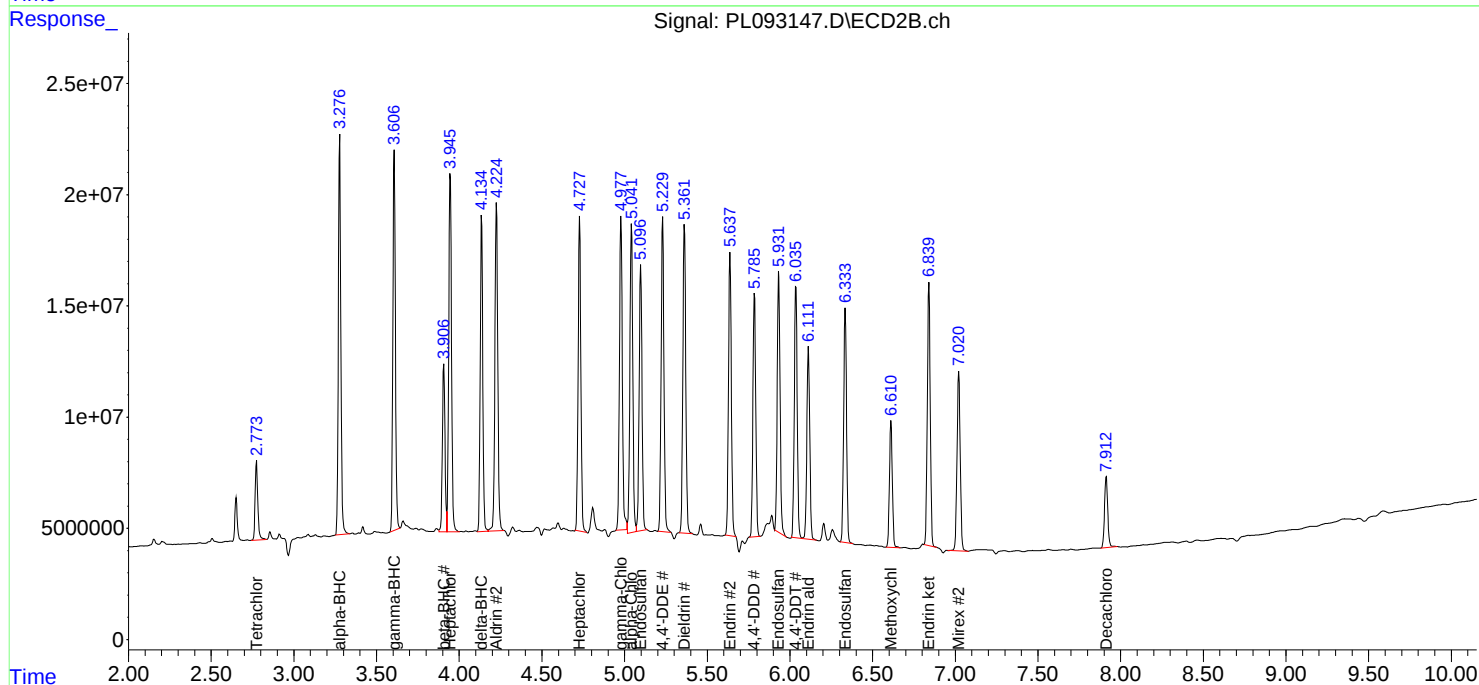
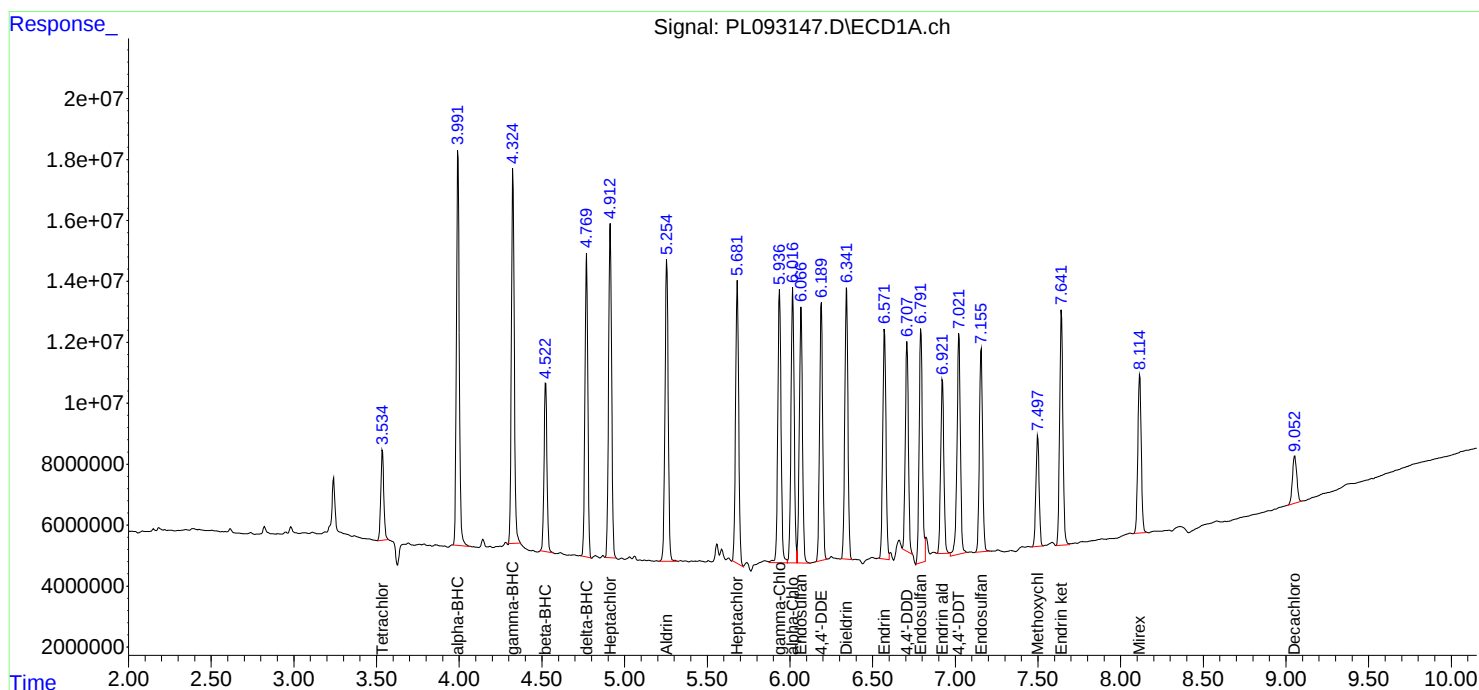
APPROVED

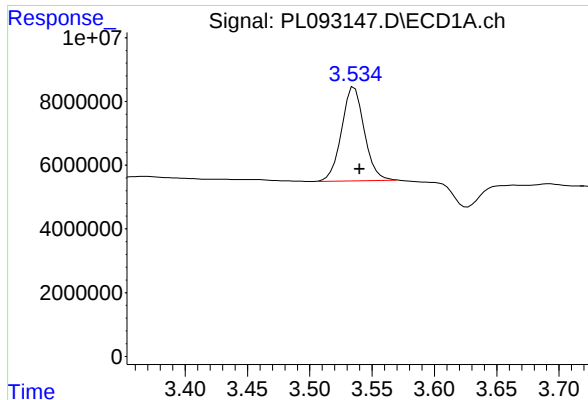
Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:07:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
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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





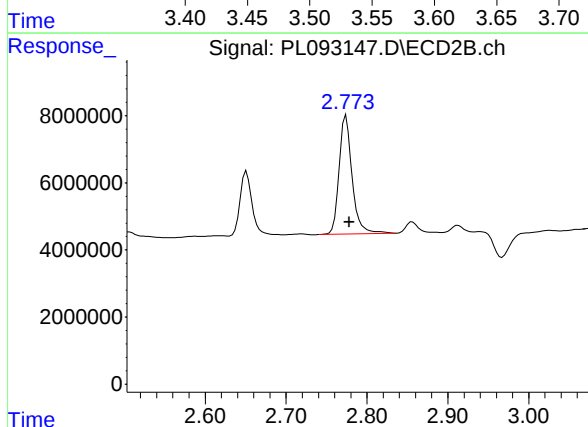
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.006 min
Response: 37307607
Conc: 15.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

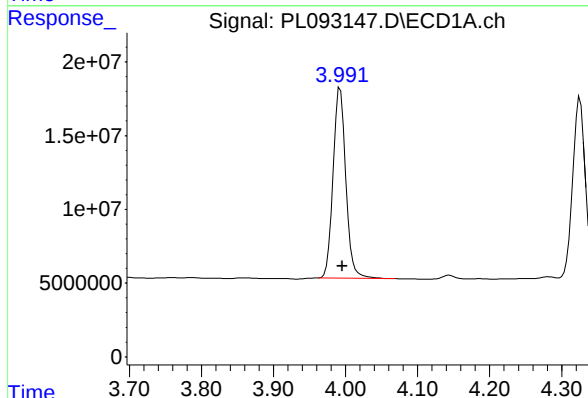
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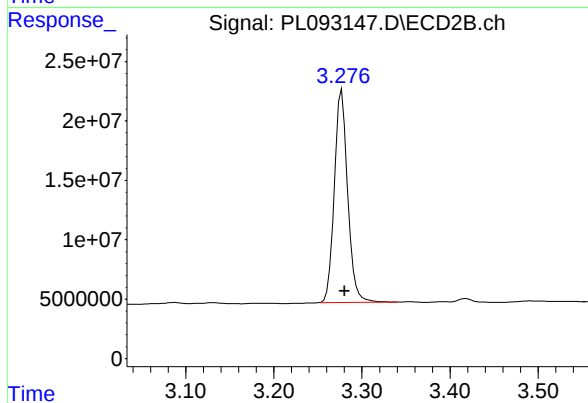
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 39587444
Conc: 14.55 ng/ml



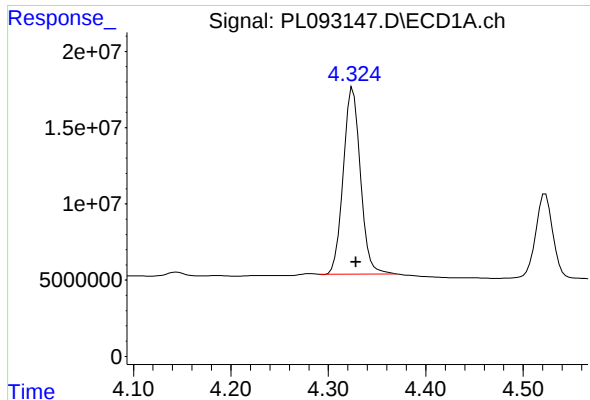
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.003 min
Response: 157375896
Conc: 46.40 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 188870379
Conc: 47.33 ng/ml



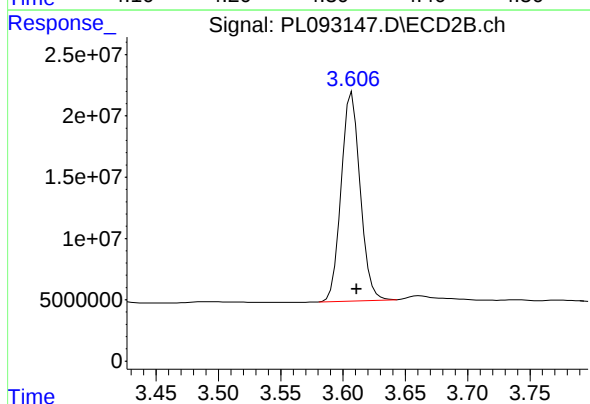
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 149402073
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

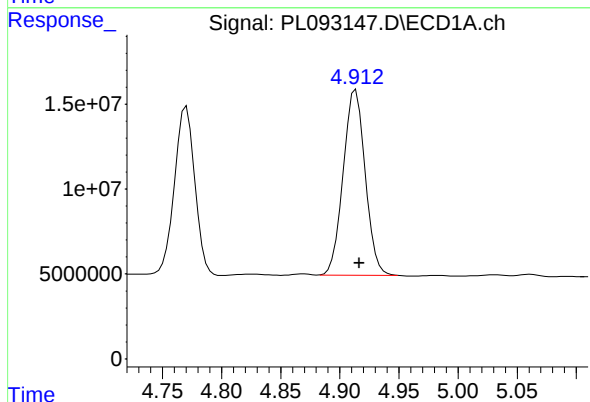
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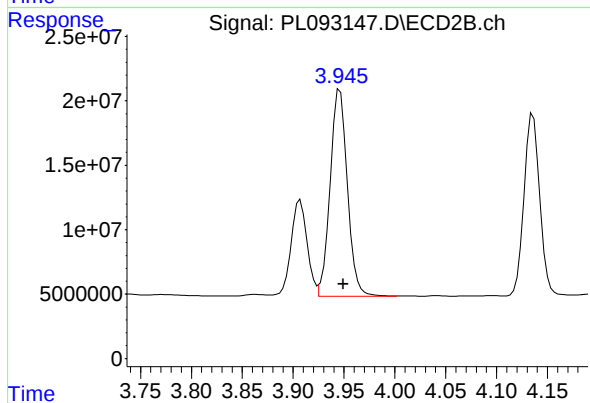
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 180312166
Conc: 46.72 ng/ml



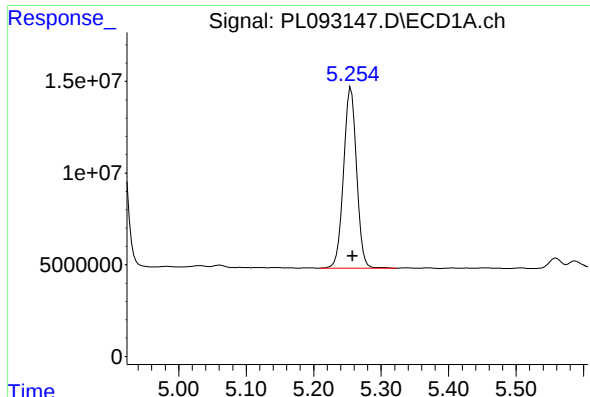
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: -0.003 min
Response: 141210817
Conc: 47.02 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.003 min
Response: 188823083
Conc: 50.03 ng/ml



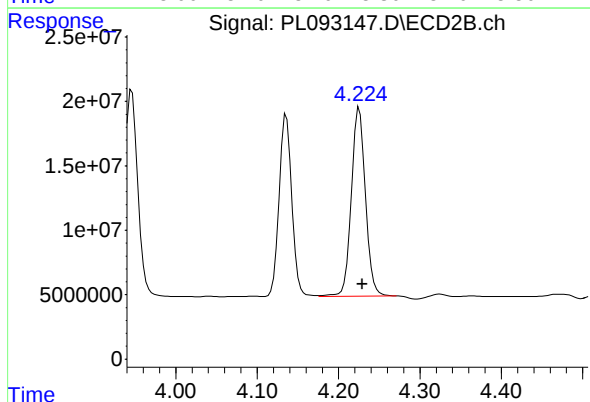
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.003 min
Response: 132734172
Conc: 44.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

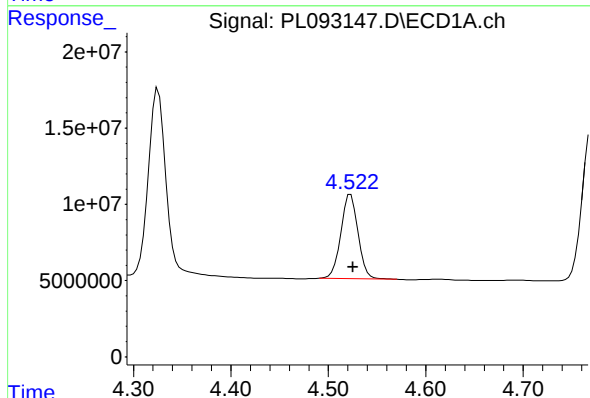
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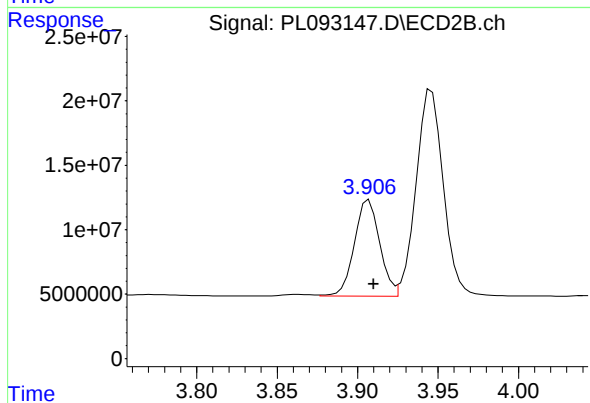
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 177279551
Conc: 48.43 ng/ml



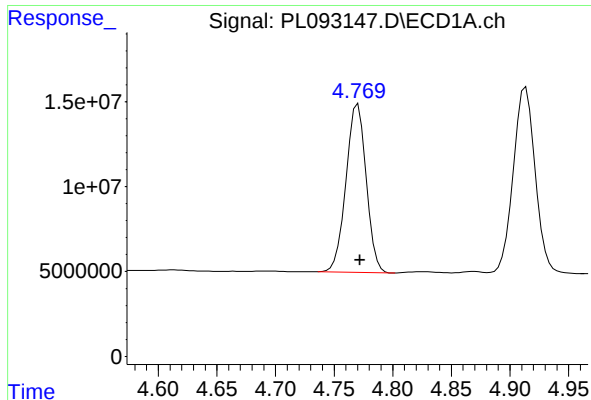
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 67499138
Conc: 46.70 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 82071127
Conc: 49.85 ng/ml



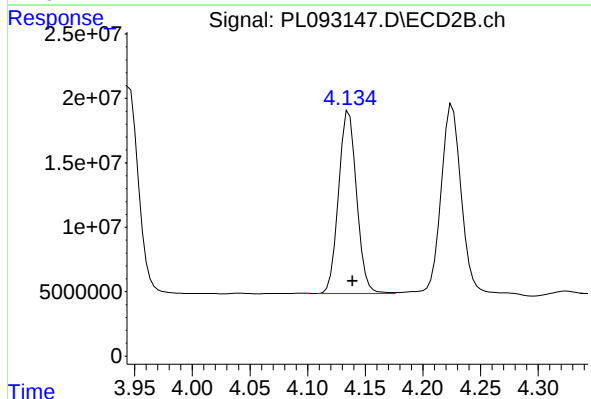
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 118742603
Conc: 37.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

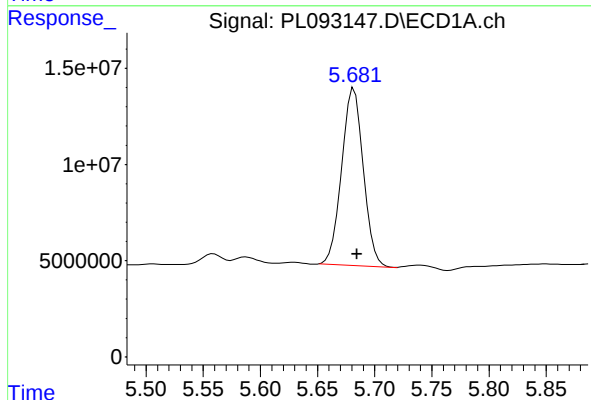
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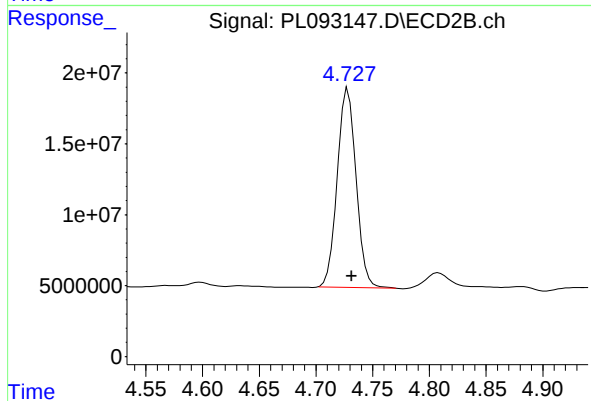
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.003 min
Response: 152504821
Conc: 39.68 ng/ml



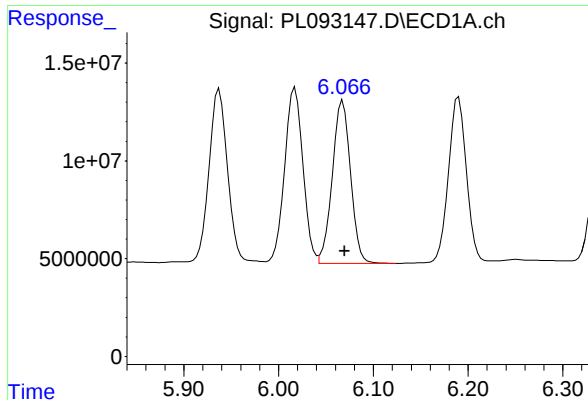
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 122302141
Conc: 44.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 161894466
Conc: 48.45 ng/ml



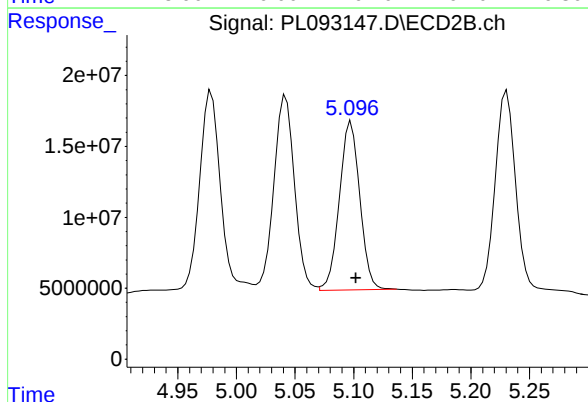
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 111476591
Conc: 44.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

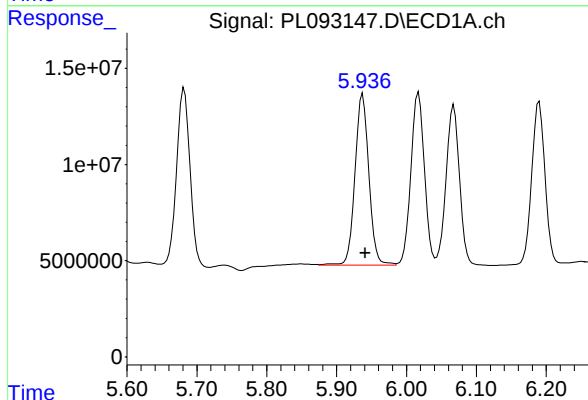
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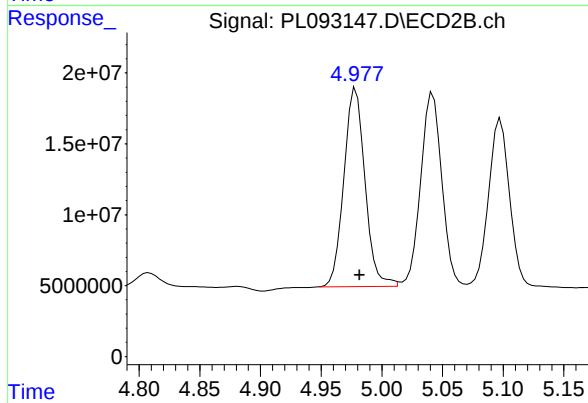
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 143588367
Conc: 47.03 ng/ml



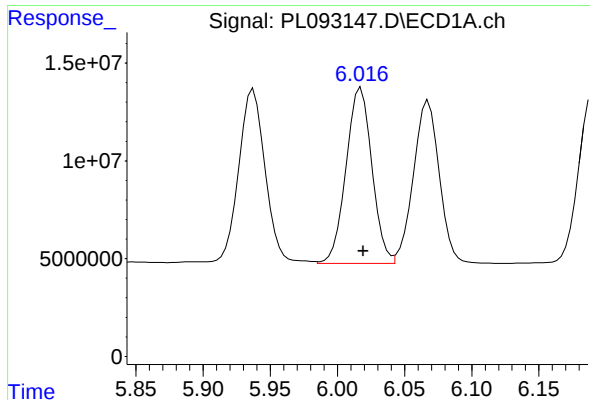
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 123261398
Conc: 46.33 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 170058583
Conc: 50.59 ng/ml m



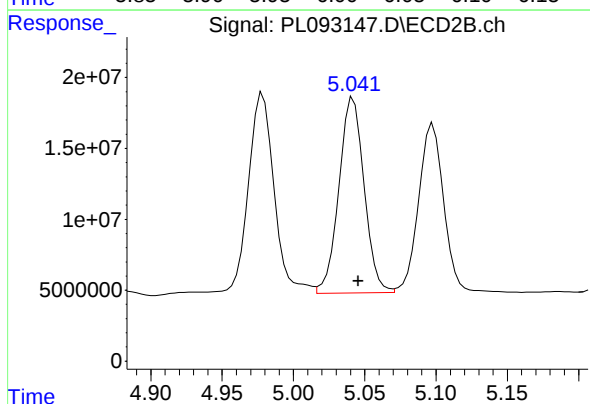
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 121016849
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

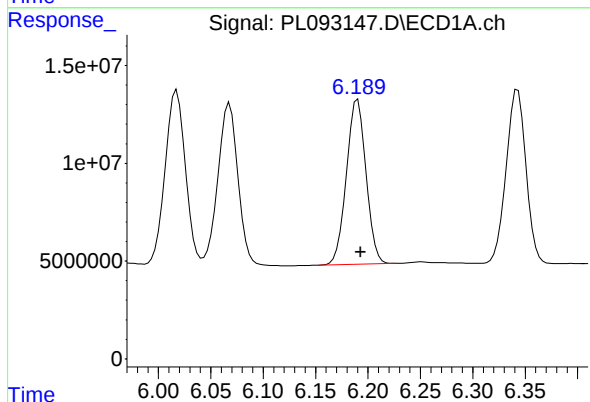
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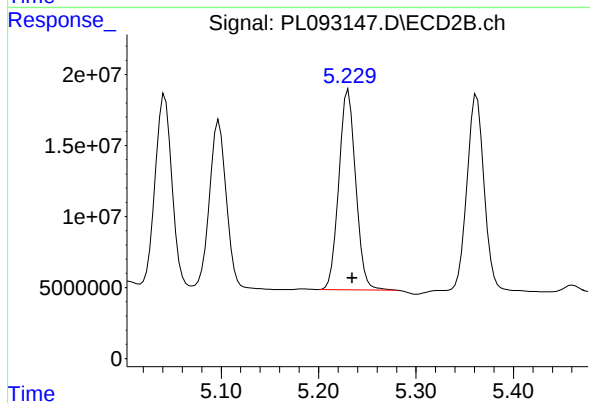
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.003 min
Response: 169794136
Conc: 51.05 ng/ml



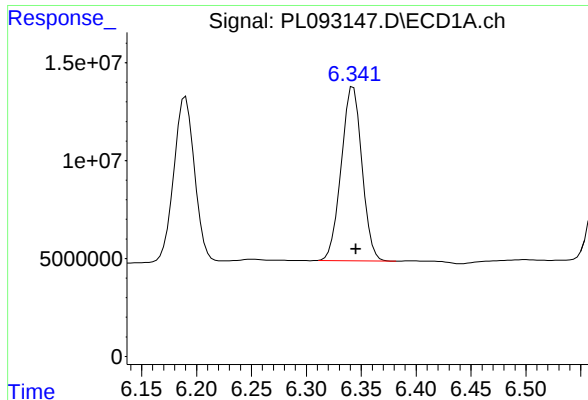
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 110142044
Conc: 46.49 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 169393805
Conc: 52.58 ng/ml



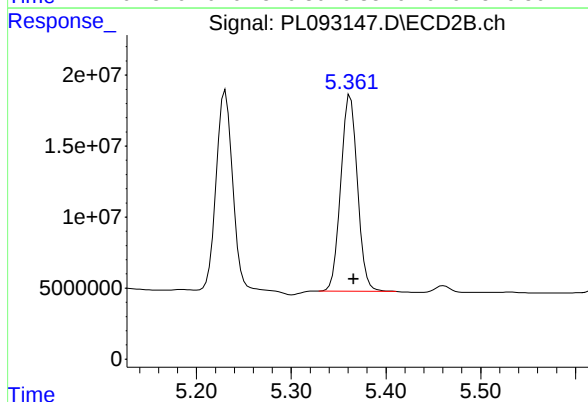
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 116663231
Conc: 44.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

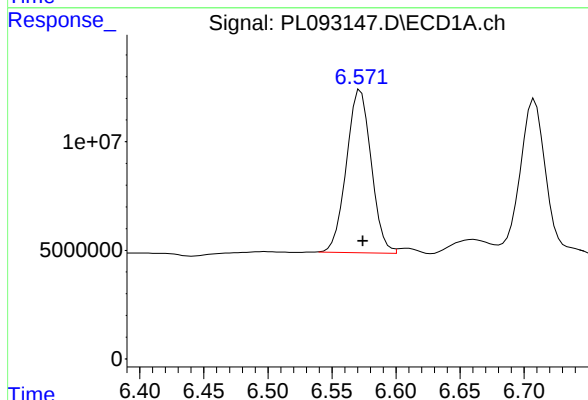
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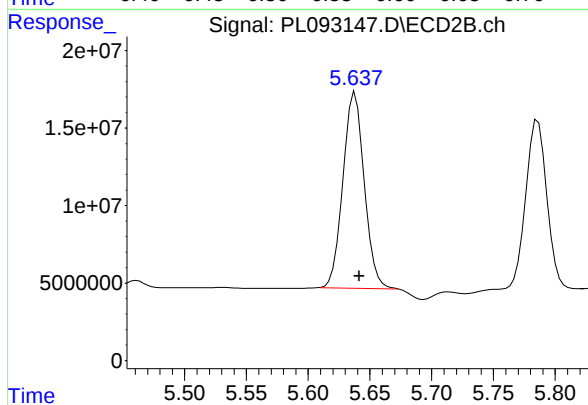
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 168530373
Conc: 50.45 ng/ml



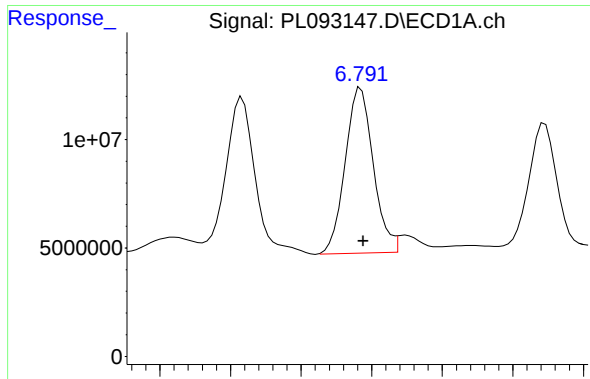
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 101504803
Conc: 44.58 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: -0.005 min
Response: 151918005
Conc: 52.51 ng/ml m



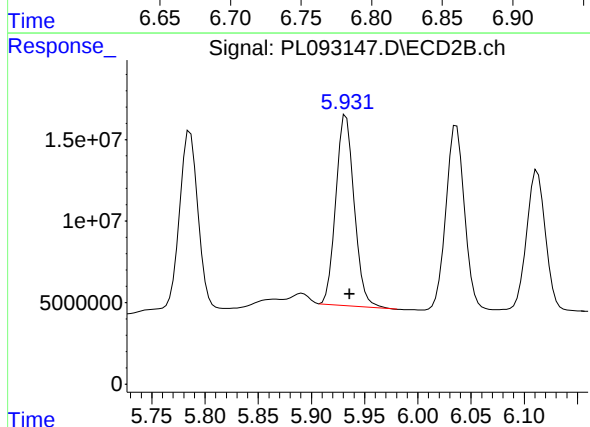
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 106210192
Conc: 44.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

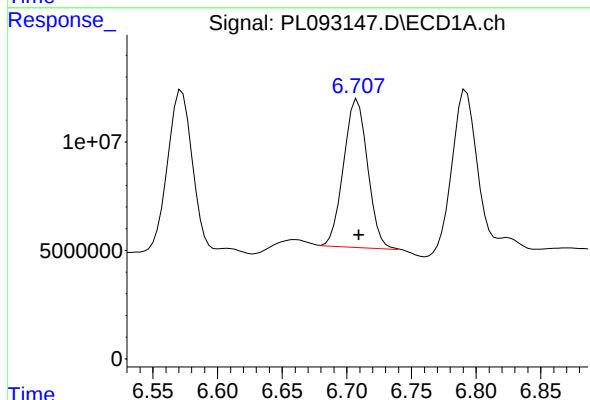
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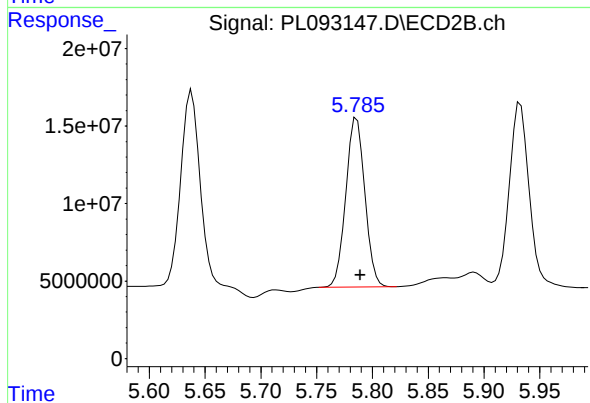
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.003 min
Response: 140640002
Conc: 49.64 ng/ml



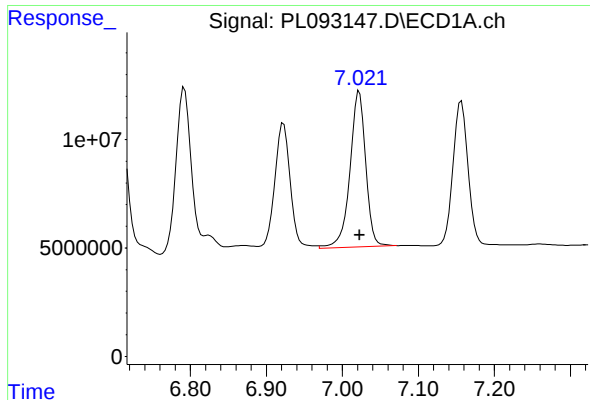
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 88274481
Conc: 45.99 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 129511524
Conc: 52.01 ng/ml



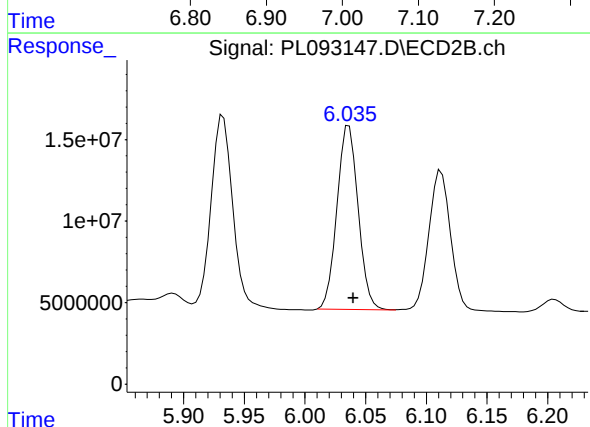
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 103977691
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

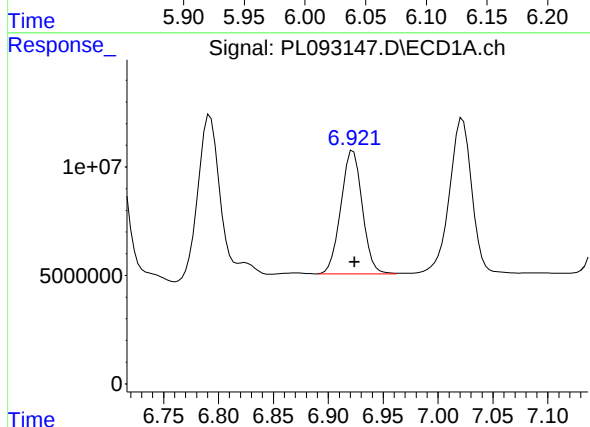
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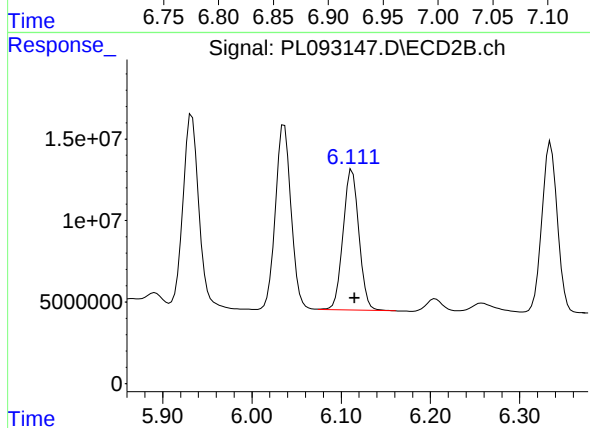
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.004 min
Response: 137001314
Conc: 51.08 ng/ml



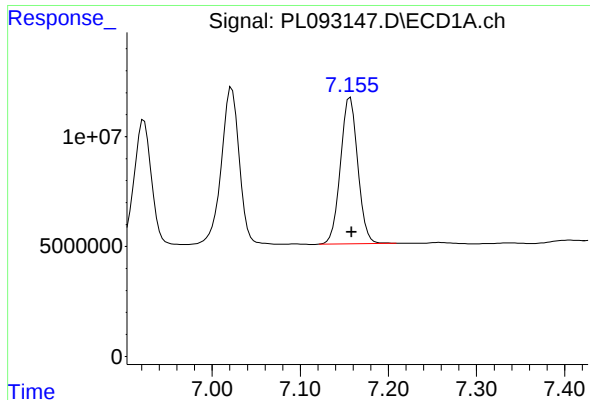
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 77298481
Conc: 41.16 ng/ml m



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 106737811
Conc: 46.26 ng/ml



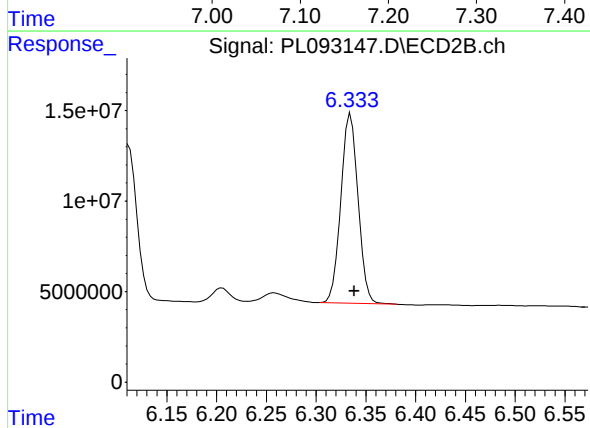
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 91023048
Conc: 41.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

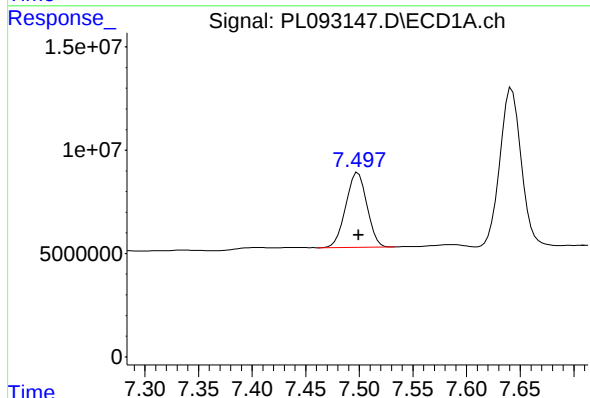
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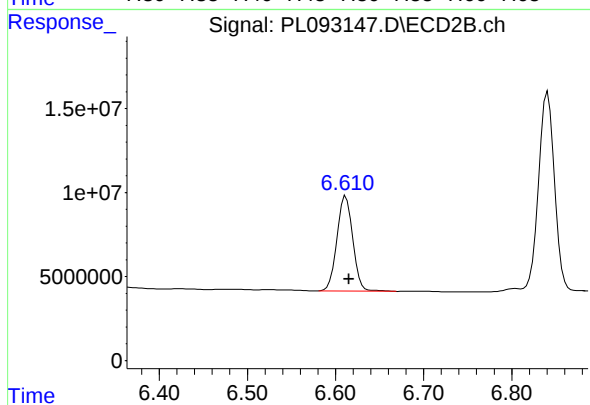
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.004 min
Response: 126120507
Conc: 46.77 ng/ml



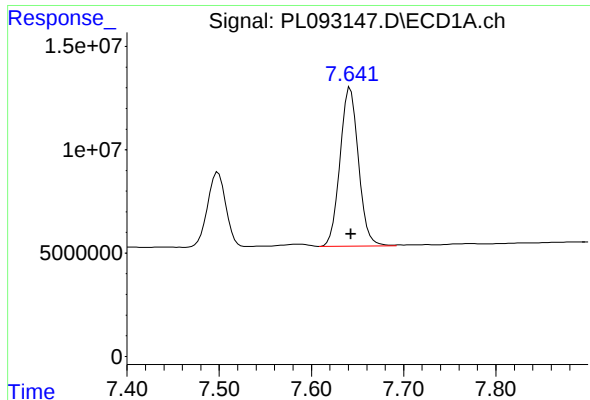
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 49633750
Conc: 43.54 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 70726700
Conc: 49.53 ng/ml



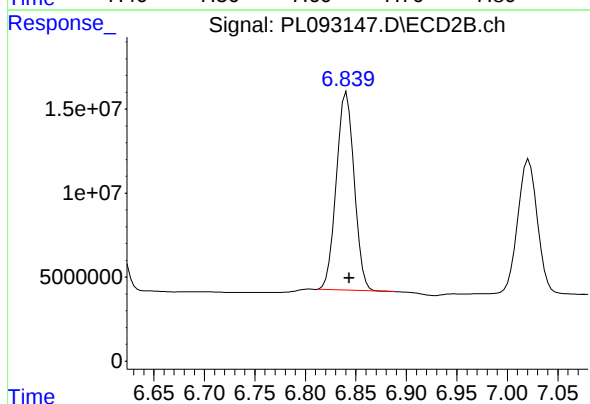
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 106147949
Conc: 43.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

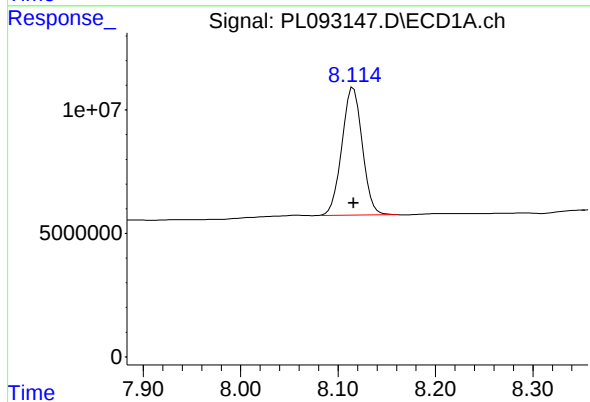
Manual Integrations
APPROVED

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



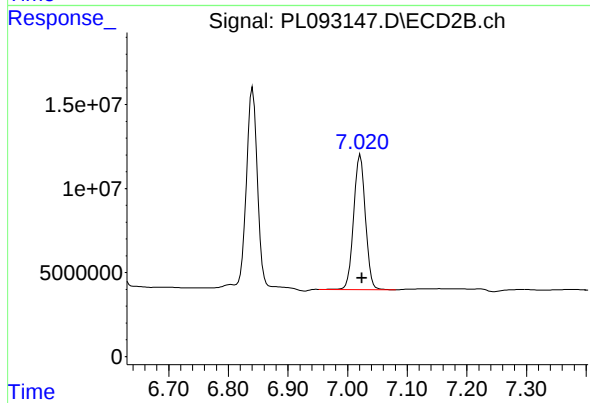
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.003 min
Response: 145473457
Conc: 47.40 ng/ml



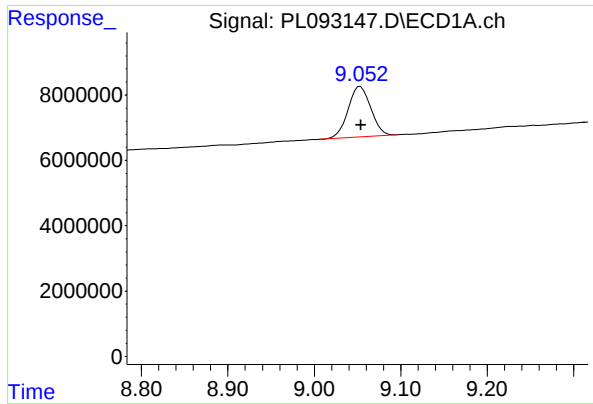
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 75067847
Conc: 37.88 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 109781391
Conc: 42.08 ng/ml



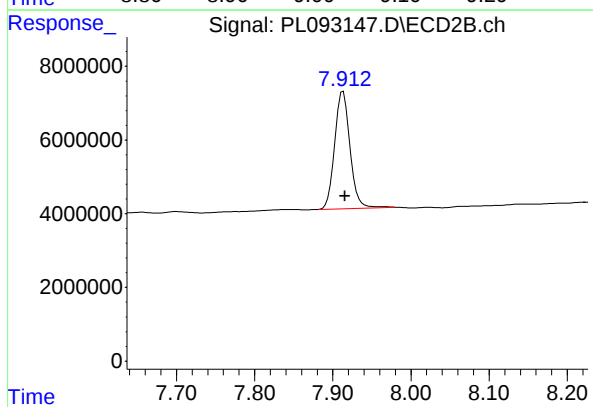
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.001 min
Response: 28072872
Conc: 14.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 43529296
Conc: 15.95 ng/ml