

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
 Data File : PL092614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2024 17:38
 Operator : AR\AJ
 Sample : PB164360BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164360BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/25/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 02:22:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 21 17:09:23 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...	3.545	2.779	41770667	44516786	15.506m	16.028
28)	SA Decachlor...	9.064	7.920	35429666	48640477	17.443	18.460
Target Compounds							
2)	A alpha-BHC	4.003	3.283	179.5E6	214.2E6	43.560	49.649
3)	MA gamma-BHC...	4.334	3.613	170.7E6	207.8E6	44.373m	50.466
4)	MA Heptachlor	4.922	3.952	158.7E6	210.4E6	44.759m	52.399
5)	MB Aldrin	5.264	4.232	156.9E6	202.5E6	42.639m	50.932
6)	B beta-BHC	4.533	3.913	75065204	89291496	48.356	51.142
7)	B delta-BHC	4.780	4.142	167.2E6	212.5E6	44.445	50.517
8)	B Heptachlo...	5.691	4.735	149.1E6	185.9E6	44.912m	52.767
9)	A Endosulfan I	6.077	5.105	132.6E6	166.3E6	43.912	52.255
10)	B gamma-Chl...	5.948	4.985	143.7E6	184.1E6	43.597	50.034
11)	B alpha-Chl...	6.027	5.049	140.8E6	181.5E6	43.239	51.067
12)	B 4,4'-DDE	6.199	5.238	126.2E6	180.3E6	42.555m	51.848
13)	MA Dieldrin	6.352	5.369	139.7E6	188.0E6	42.947	51.453
14)	MA Endrin	6.582	5.643	118.3E6	180.8E6	41.883	55.205m#
15)	B Endosulfa...	6.801	5.940	123.8E6	157.5E6	43.733	50.373
16)	A 4,4'-DDD	6.717	5.793	105.7E6	141.9E6	43.753	51.072
17)	MA 4,4'-DDT	7.032	6.043	110.9E6	151.9E6	44.957	51.730
18)	B Endrin al...	6.932	6.119	98673421	125.4E6	46.194	51.039
19)	B Endosulfa...	7.166	6.342	113.3E6	146.6E6	44.837	49.576
20)	A Methoxychlor	7.505	6.619	62833590	80150643	53.352m	56.529
21)	B Endrin ke...	7.651	6.846	127.7E6	175.1E6	46.452	54.511m
22)	Mirex	8.124	7.027	91350470	122.9E6	43.779	47.018m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 17:38
Operator : AR\AJ
Sample : PB164360BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB164360BS

Manual Integrations

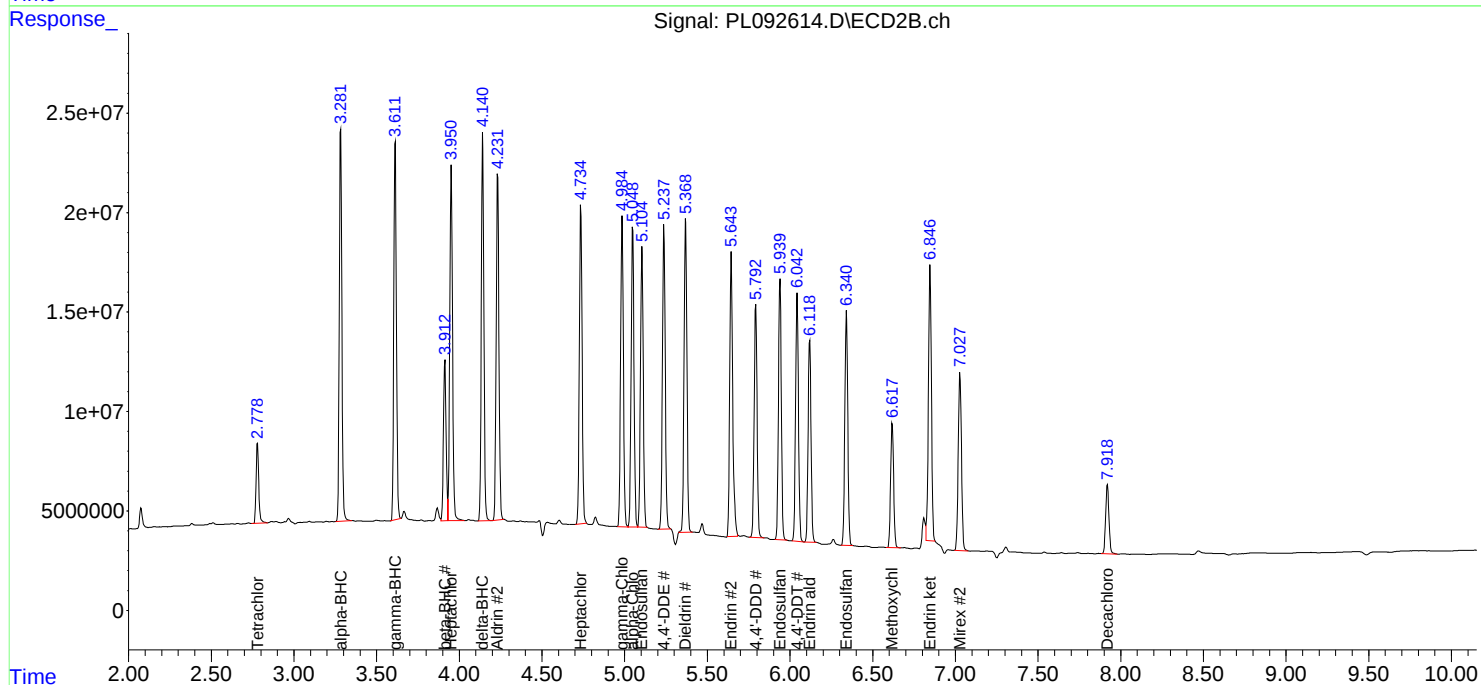
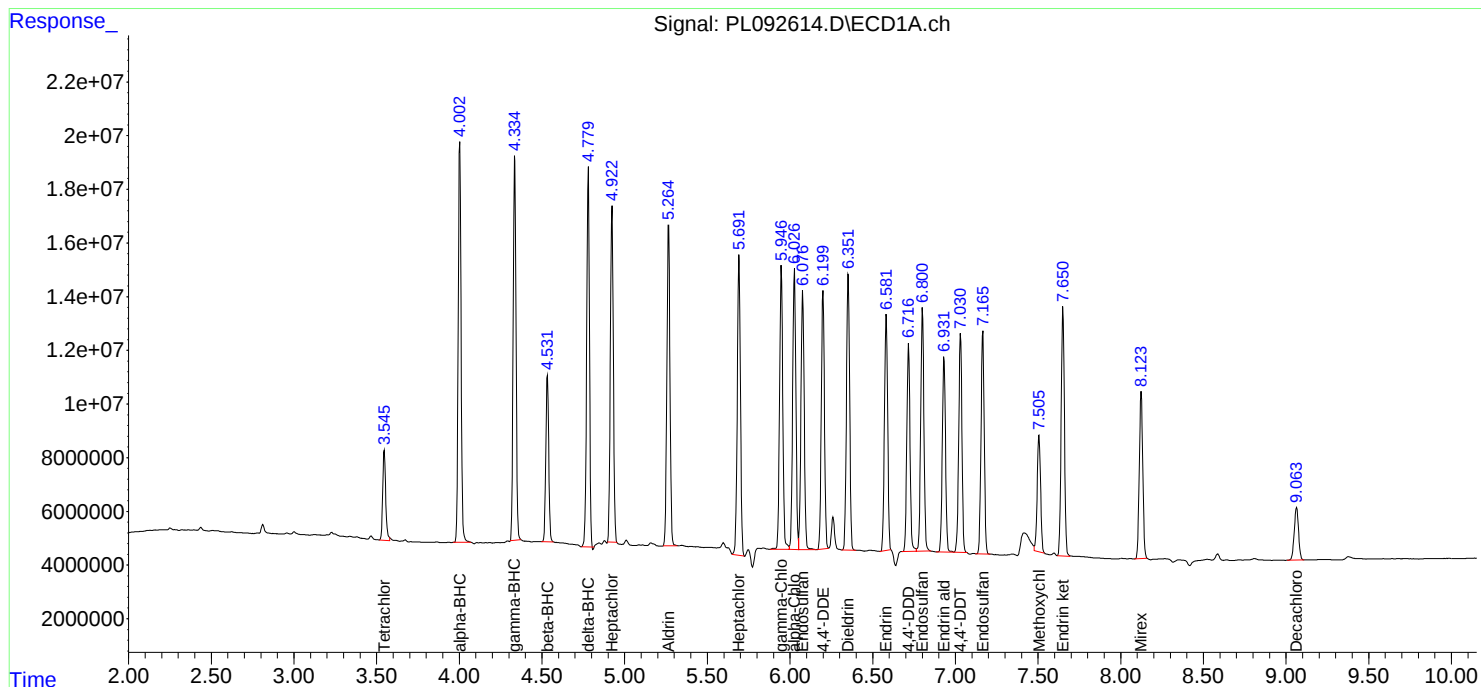
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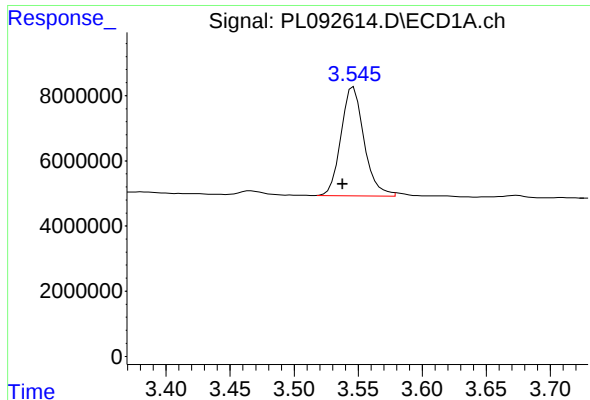
Reviewed By :Abdul Mirza 10/25/2024

Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:22:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 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





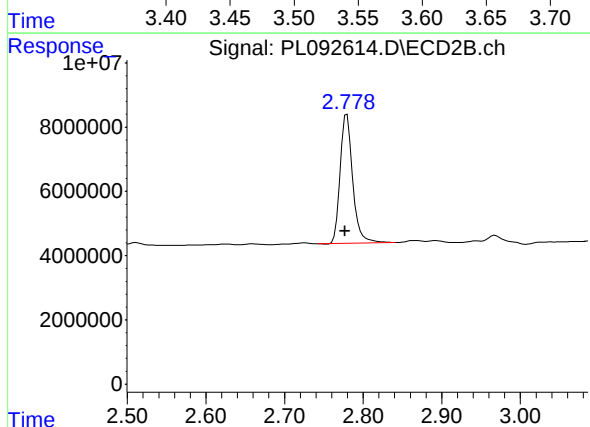
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.007 min
Response: 41770667
Conc: 15.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

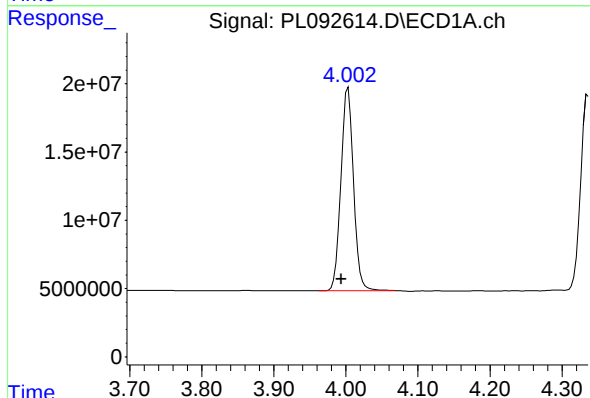
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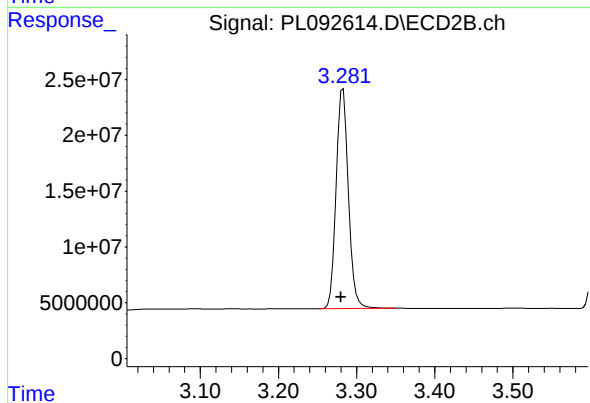
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.003 min
Response: 44516786
Conc: 16.03 ng/ml



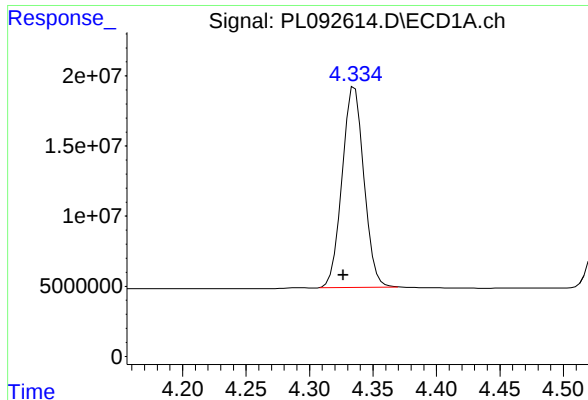
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.009 min
Response: 179520238
Conc: 43.56 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: 0.003 min
Response: 214240846
Conc: 49.65 ng/ml



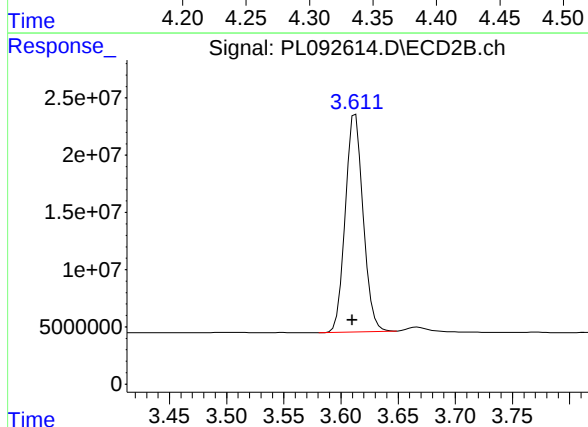
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.008 min
Response: 170693283
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

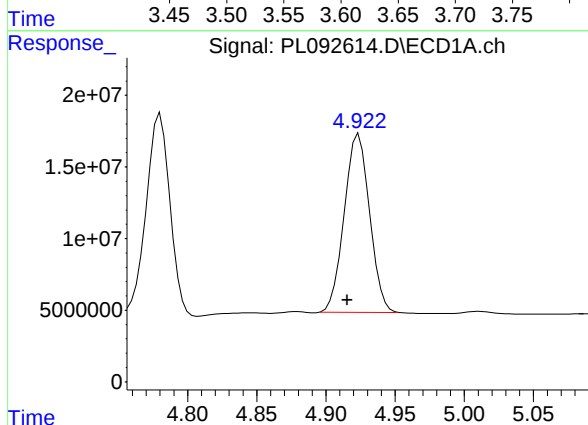
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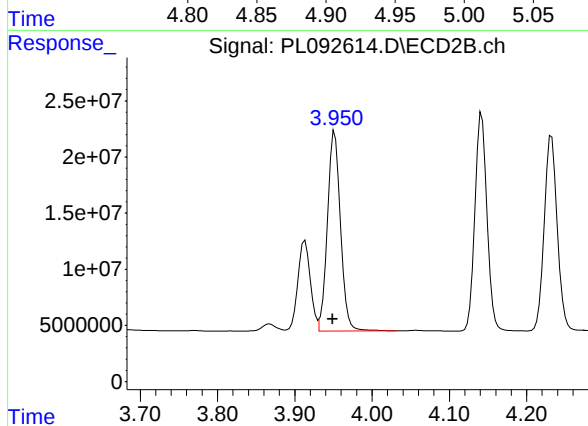
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: 0.003 min
Response: 207821728
Conc: 50.47 ng/ml



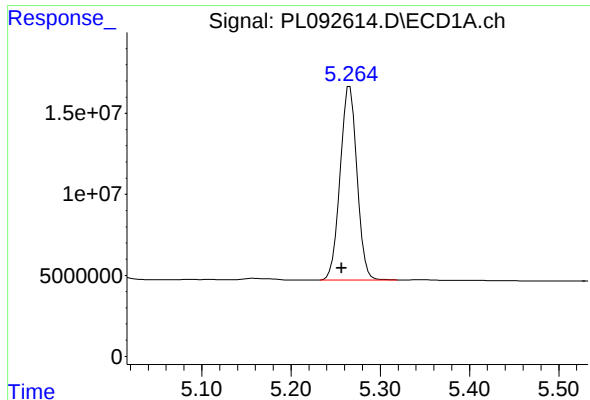
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.007 min
Response: 158701105
Conc: 44.76 ng/ml m



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: 0.003 min
Response: 210423286
Conc: 52.40 ng/ml



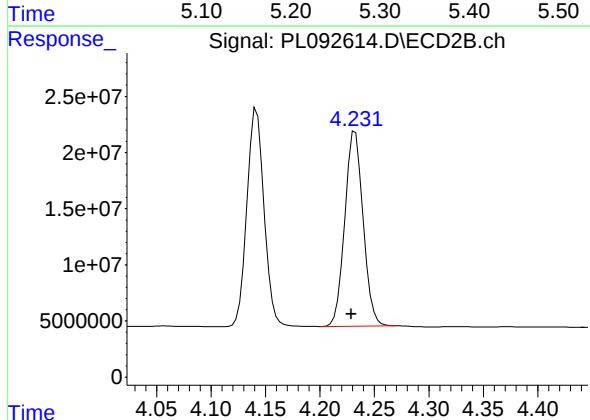
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.008 min
Response: 156855400
Conc: 42.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

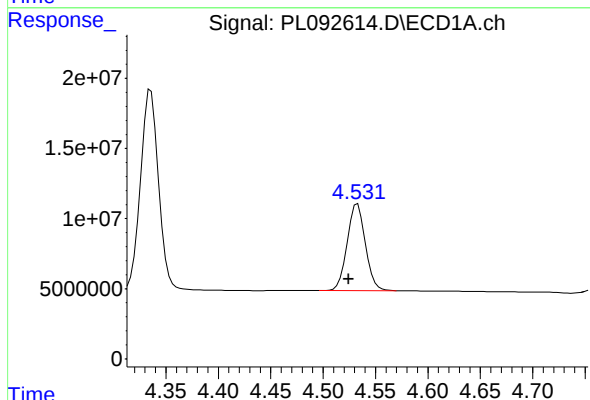
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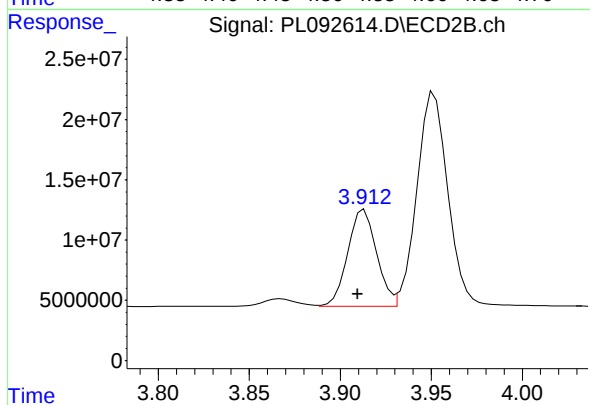
#5 Aldrin

R.T.: 4.232 min
Delta R.T.: 0.004 min
Response: 202479385
Conc: 50.93 ng/ml



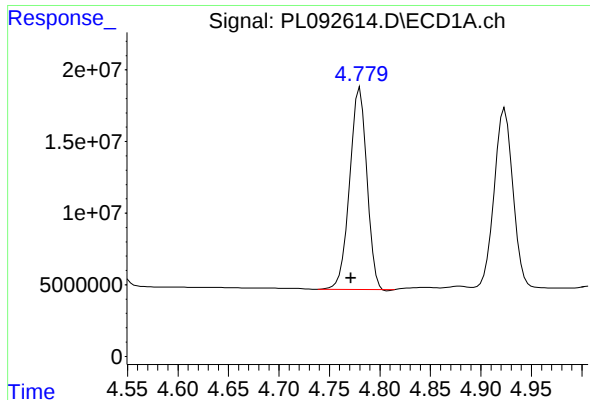
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.009 min
Response: 75065204
Conc: 48.36 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: 0.004 min
Response: 89291496
Conc: 51.14 ng/ml



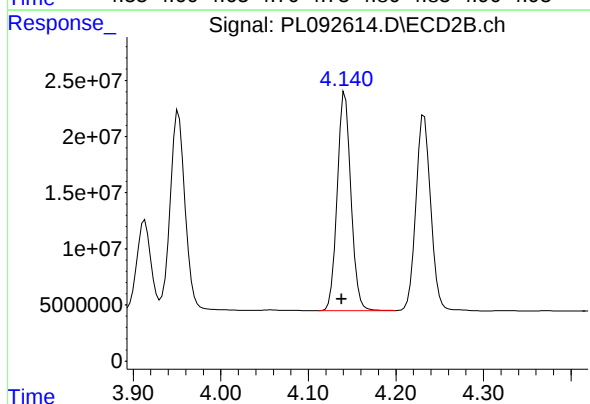
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.009 min
Response: 167202841
Conc: 44.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

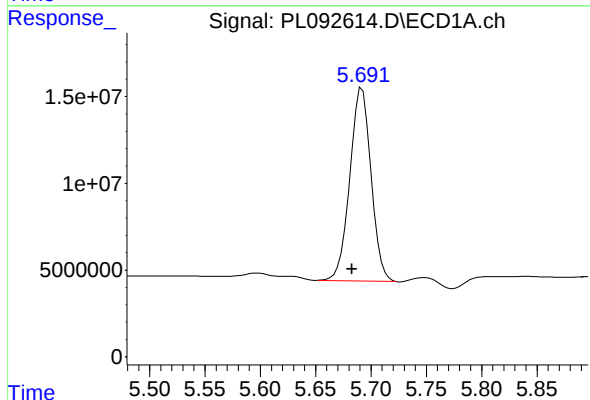
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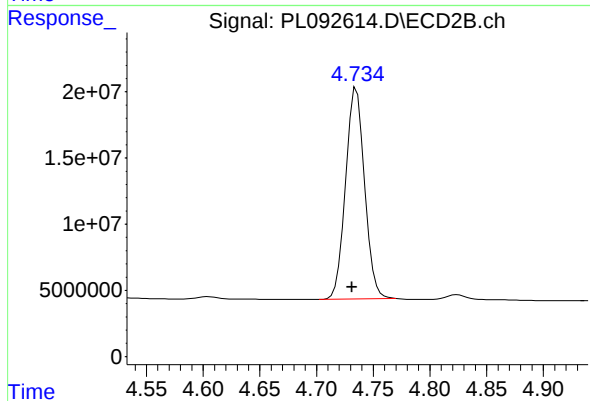
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: 0.003 min
Response: 212488334
Conc: 50.52 ng/ml



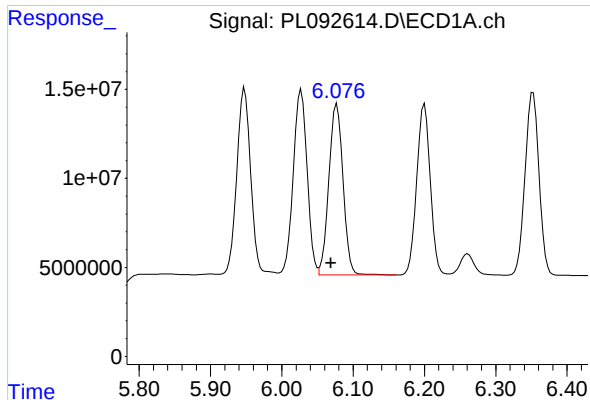
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.008 min
Response: 149140376
Conc: 44.91 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: 0.004 min
Response: 185928000
Conc: 52.77 ng/ml



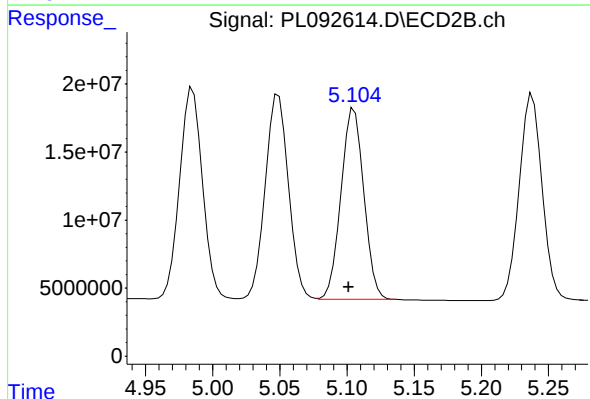
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.008 min
Response: 132586455
Conc: 43.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

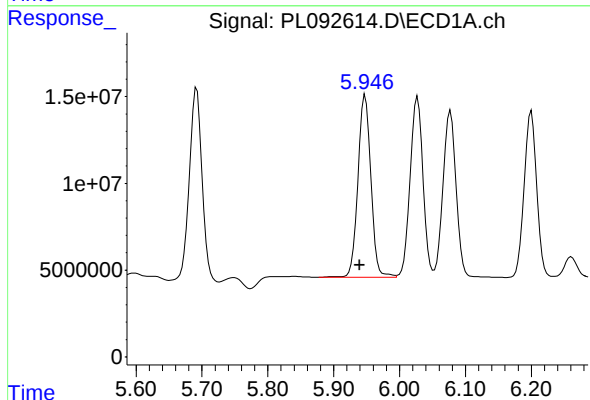
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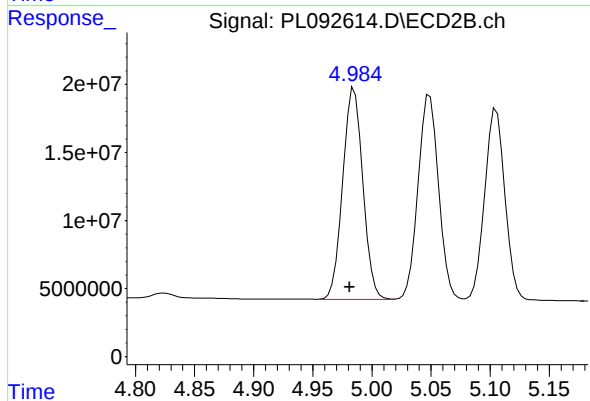
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: 0.004 min
Response: 166330478
Conc: 52.26 ng/ml



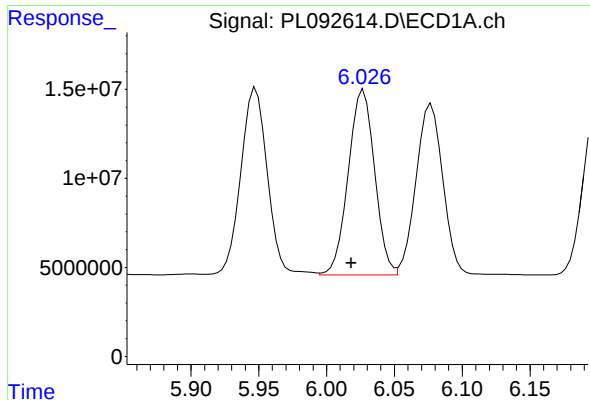
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.009 min
Response: 143738087
Conc: 43.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: 0.004 min
Response: 184086084
Conc: 50.03 ng/ml



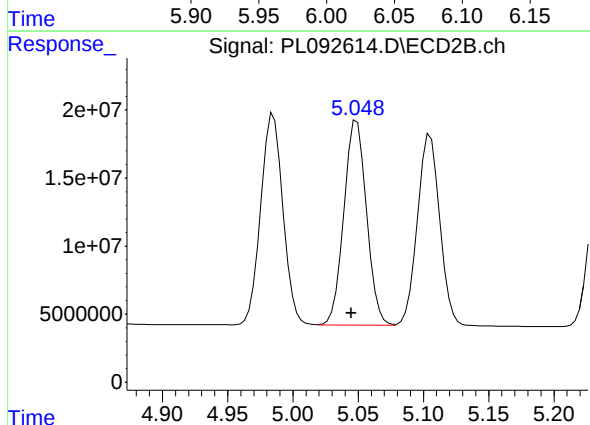
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.009 min
Response: 140803529
Conc: 43.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

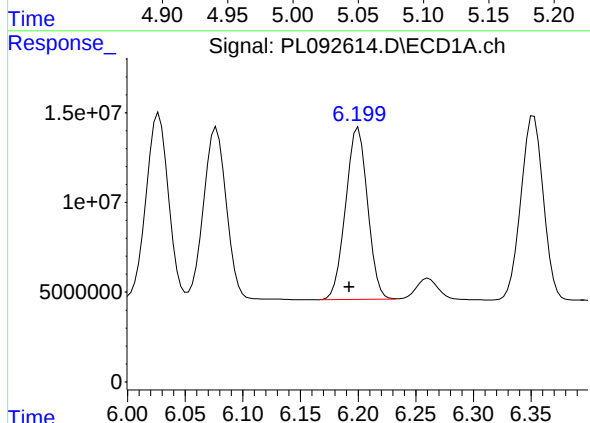
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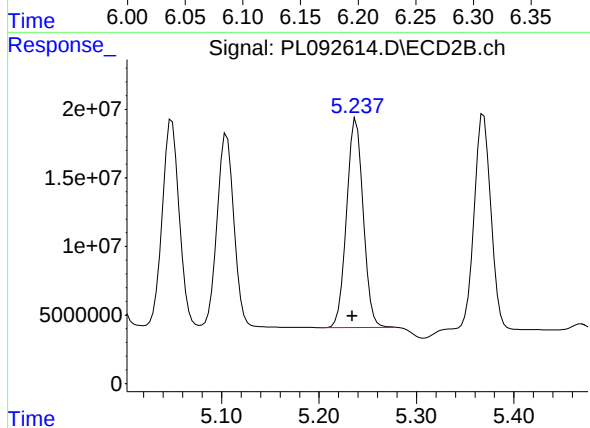
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: 0.004 min
Response: 181494087
Conc: 51.07 ng/ml



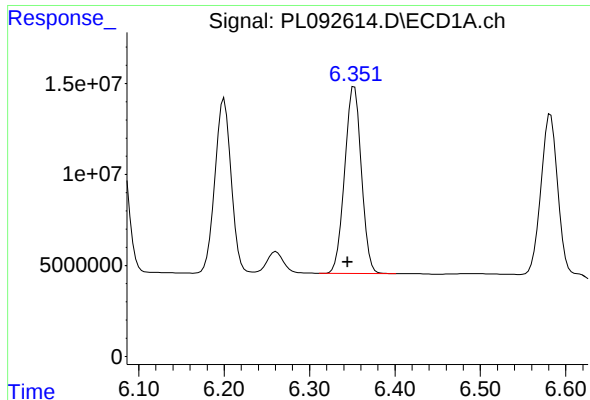
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.006 min
Response: 126214382
Conc: 42.55 ng/ml m



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: 0.004 min
Response: 180293090
Conc: 51.85 ng/ml



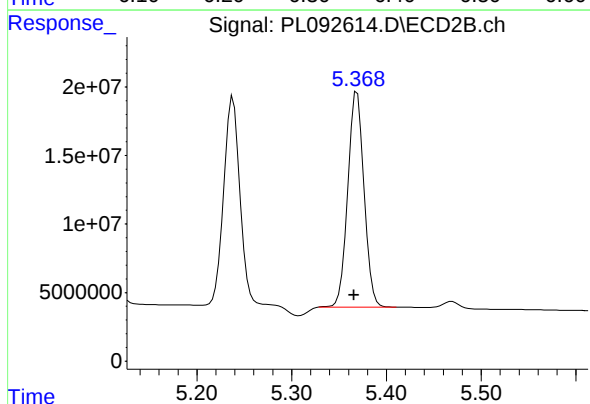
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.008 min
Response: 139658822
Conc: 42.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

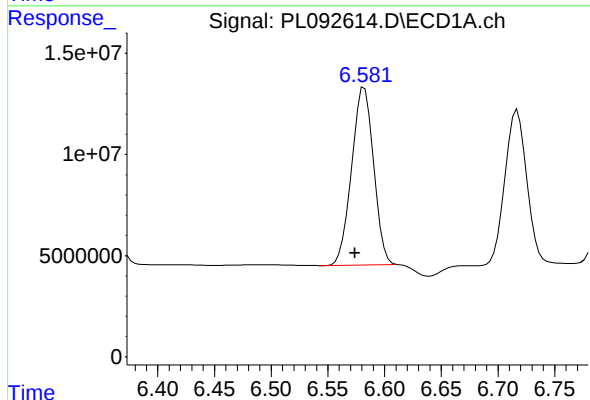
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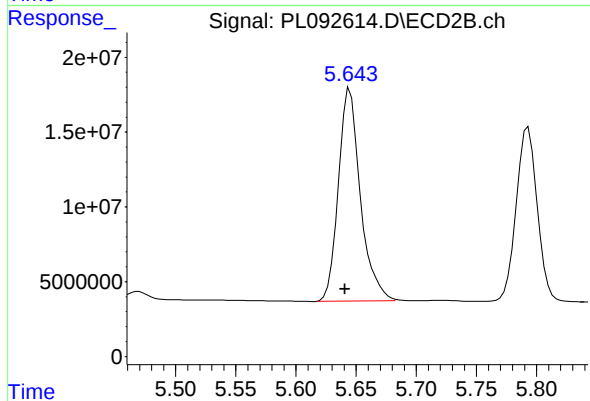
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: 0.003 min
Response: 188026437
Conc: 51.45 ng/ml



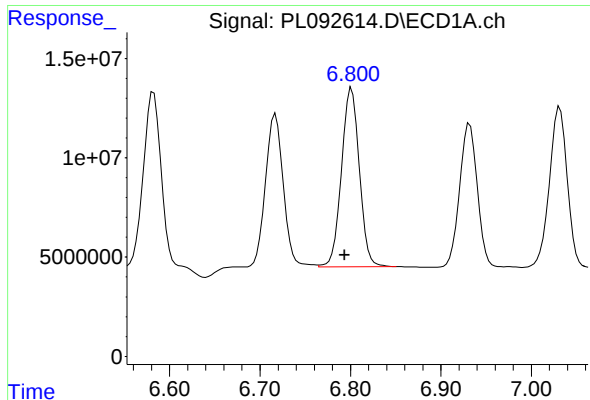
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.008 min
Response: 118266914
Conc: 41.88 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.003 min
Response: 180791633
Conc: 55.21 ng/ml m



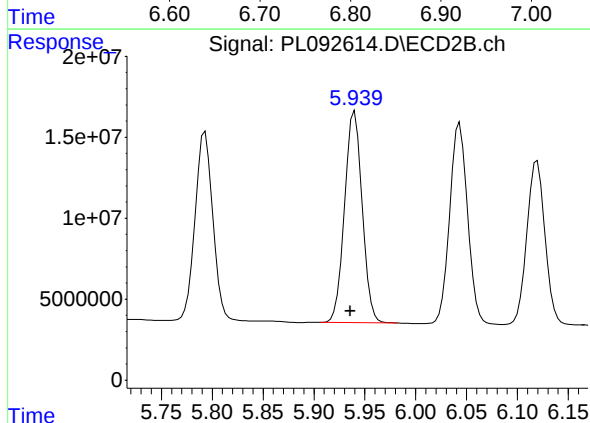
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.008 min
Response: 123753901
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

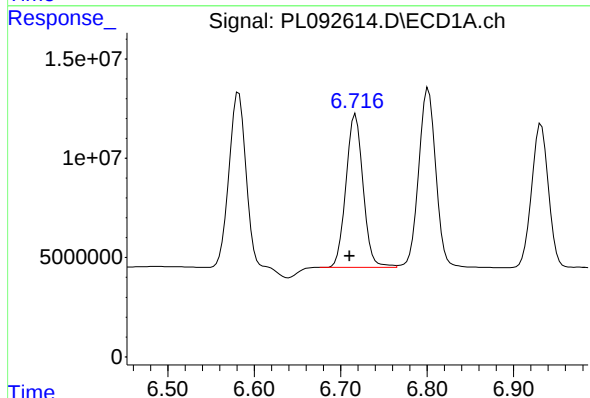
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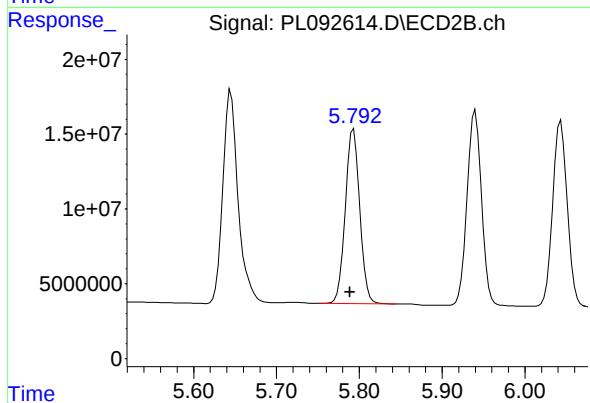
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: 0.004 min
Response: 157478555
Conc: 50.37 ng/ml



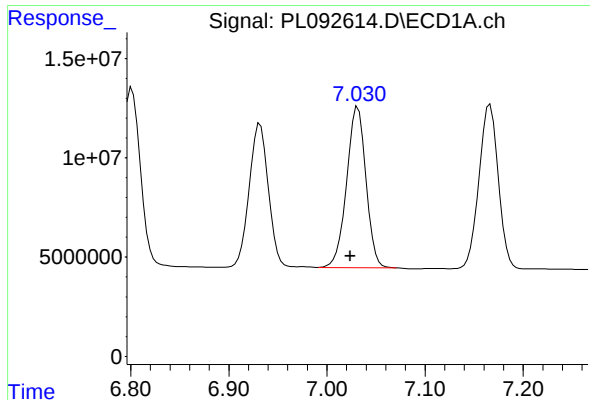
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.007 min
Response: 105704698
Conc: 43.75 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.004 min
Response: 141890440
Conc: 51.07 ng/ml



#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.008 min
Response: 110865373
Conc: 44.96 ng/ml

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#17 4,4'-DDT

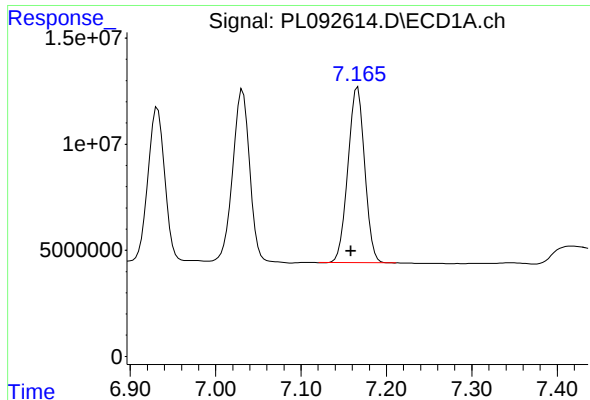
R.T.: 6.043 min
Delta R.T.: 0.004 min
Response: 151927148
Conc: 51.73 ng/ml

#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.008 min
Response: 98673421
Conc: 46.19 ng/ml

#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: 0.004 min
Response: 125380899
Conc: 51.04 ng/ml



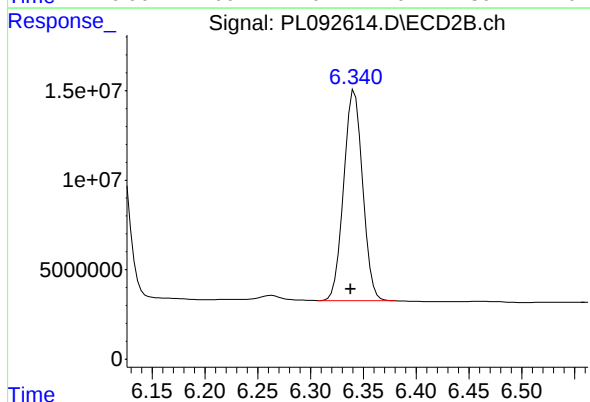
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.008 min
Response: 113286954
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

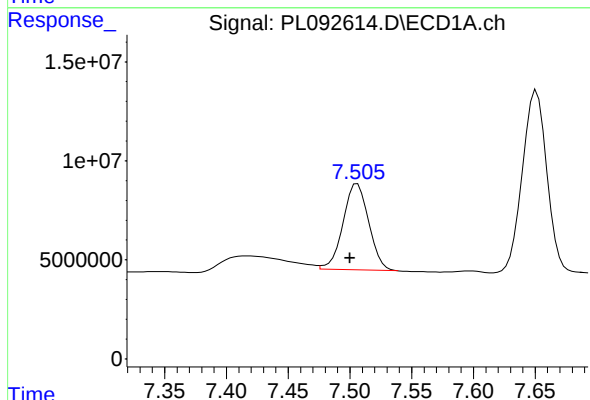
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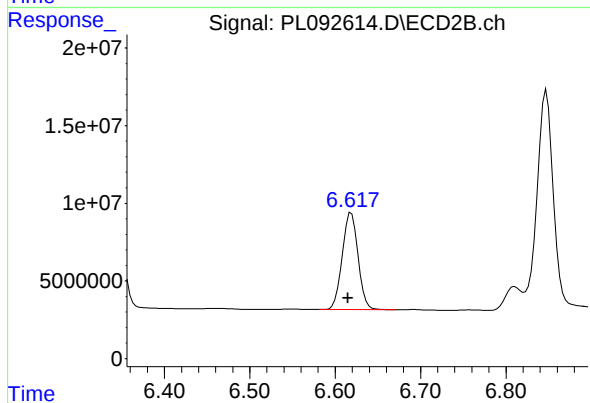
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: 0.004 min
Response: 146559540
Conc: 49.58 ng/ml



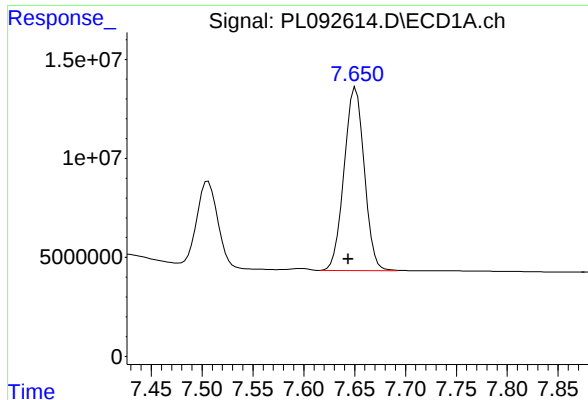
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 62833590
Conc: 53.35 ng/ml m



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: 0.004 min
Response: 80150643
Conc: 56.53 ng/ml



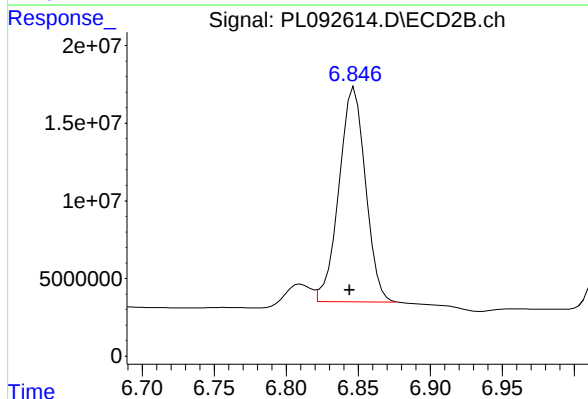
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.007 min
Response: 127735698
Conc: 46.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

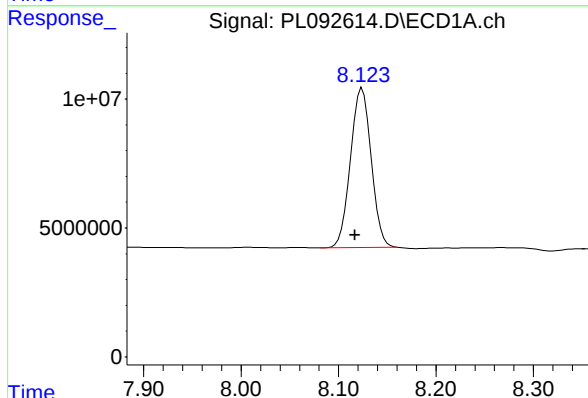
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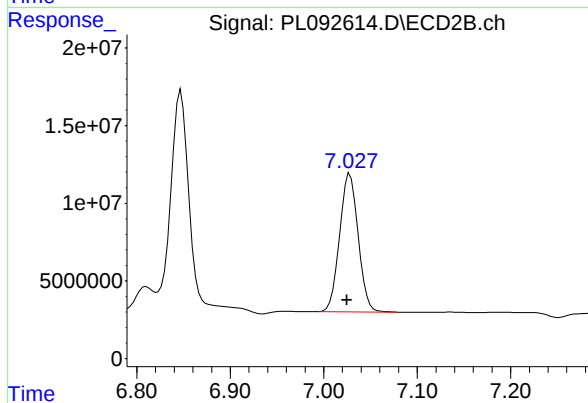
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: 0.002 min
Response: 175098316
Conc: 54.51 ng/ml m



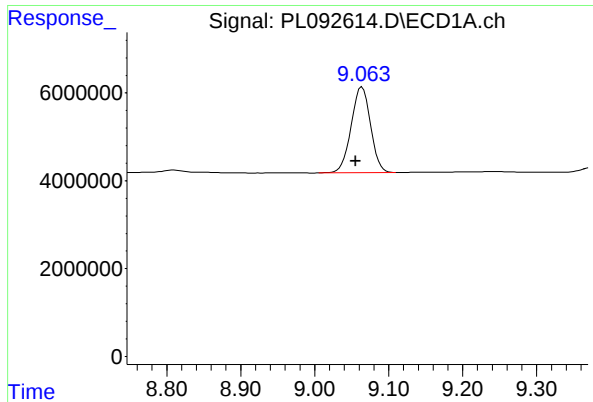
#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.007 min
Response: 91350470
Conc: 43.78 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: 0.002 min
Response: 122881490
Conc: 47.02 ng/ml m



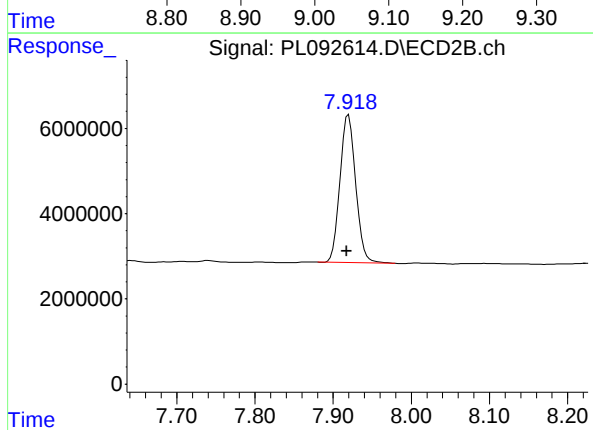
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.009 min
Response: 35429666
Conc: 17.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/25/2024
Supervised By :Ankita Jodhani 10/28/2024



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.002 min
Response: 48640477
Conc: 18.46 ng/ml