

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022625\
 Data File : PL094408.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 16:18
 Operator : AR\AJ
 Sample : PB166873BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166873BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/27/2025
 Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 22:33:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.537	2.771	54651325	64591910	21.524	20.241
2) SA Decachlor...	9.051	7.906	48291879	86222929	22.701	22.421
Target Compounds						
2) A alpha-BHC	3.993	3.274	191.2E6	251.8E6	50.533	51.226
3) MA gamma-BHC...	4.326	3.604	184.1E6	239.9E6	49.838	50.927
4) MA Heptachlor	4.913	3.942	180.9E6	252.5E6	53.370	53.502
5) MB Aldrin	5.255	4.221	172.3E6	233.4E6	50.204	50.515
6) B beta-BHC	4.524	3.904	82594398	105.0E6	51.722	52.806
7) B delta-BHC	4.771	4.132	176.4E6	235.5E6	49.868	49.725
8) B Heptachlo...	5.681	4.724	157.0E6	223.6E6	52.085	52.541
9) A Endosulfan I	6.067	5.093	144.6E6	214.1E6	52.606	53.705
10) B gamma-Chl...	5.938	4.973	154.5E6	232.8E6	52.605	53.651
11) B alpha-Chl...	6.017	5.037	154.2E6	229.7E6	53.209	53.189
12) B 4,4'-DDE	6.191	5.226	143.4E6	226.6E6	54.894	53.954
13) MA Dieldrin	6.342	5.357	151.1E6	235.8E6	53.025	53.818
14) MA Endrin	6.571	5.633	129.8E6	210.4E6	50.873m	61.801
15) B Endosulfa...	6.792	5.928	131.2E6	211.0E6	52.121	56.433
16) A 4,4'-DDD	6.708	5.781	106.8E6	181.4E6	57.758	56.942
17) MA 4,4'-DDT	7.022	6.031	119.8E6	206.1E6	57.065	57.949
18) B Endrin al...	6.922	6.107	99816449	164.5E6	51.272	52.050
19) B Endosulfa...	7.157	6.330	118.3E6	203.5E6	52.260	55.092
20) A Methoxychlor	7.498	6.606	61734593	109.9E6	55.565	56.350
21) B Endrin ke...	7.641	6.835	131.0E6	236.6E6	52.251	55.435
22) Mirex	8.114	7.015	99498740	177.0E6	48.223	50.745

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022625\
Data File : PL094408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 16:18
Operator : AR\AJ
Sample : PB166873BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166873BS

Manual Integrations

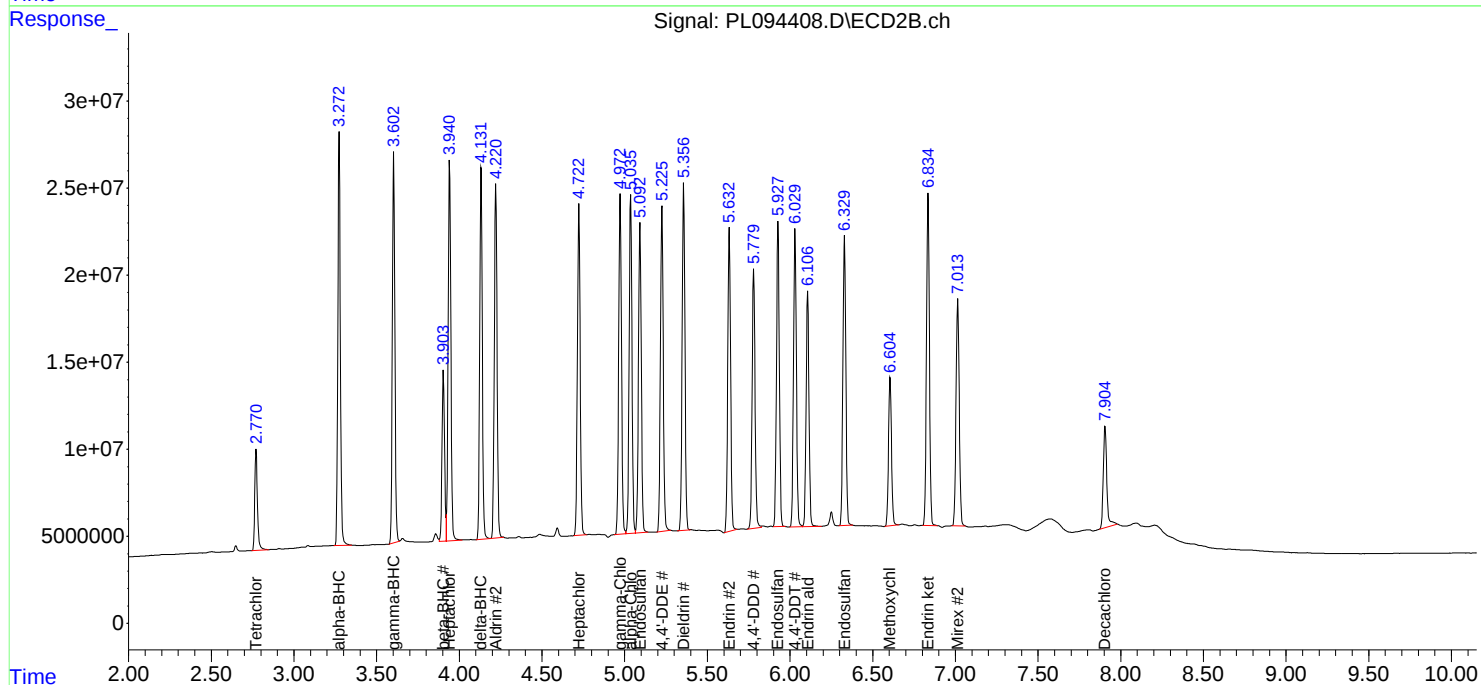
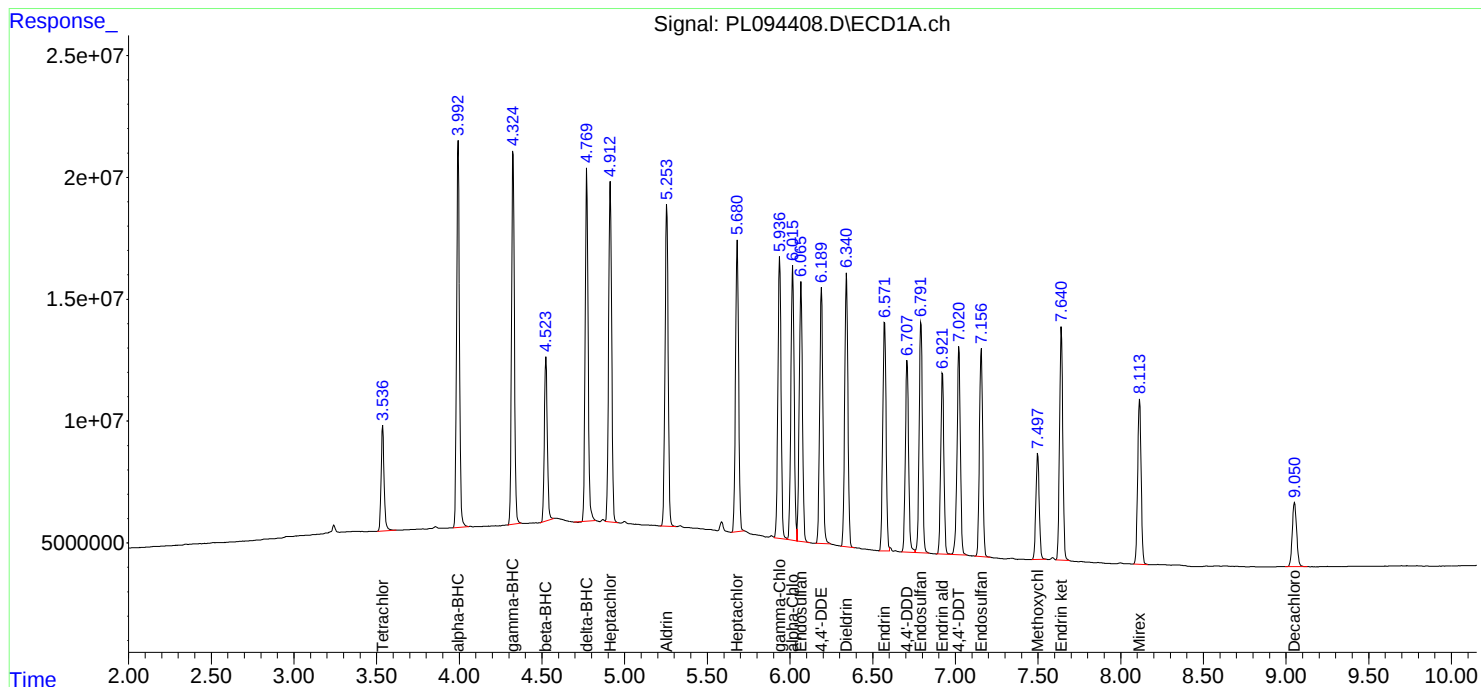
APPROVED

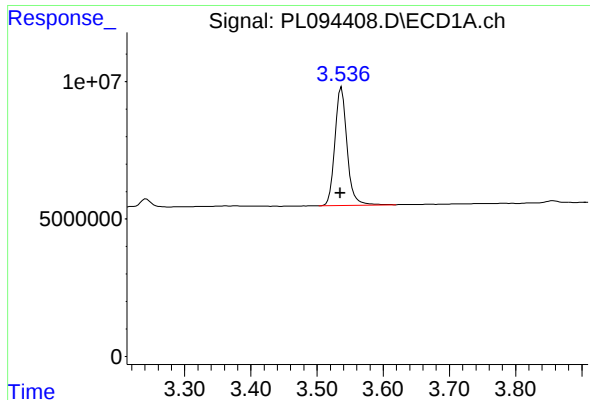
Reviewed By :Abdul Mirza 02/27/2025

Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 22:33:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





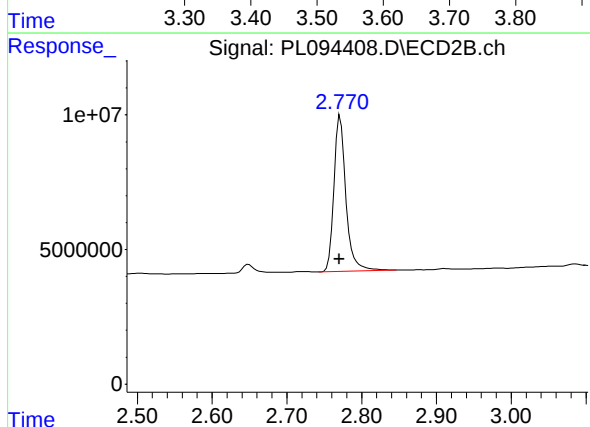
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 54651325
Conc: 21.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166873BS

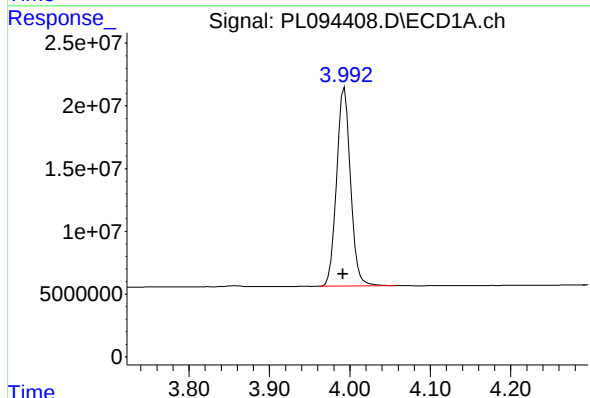
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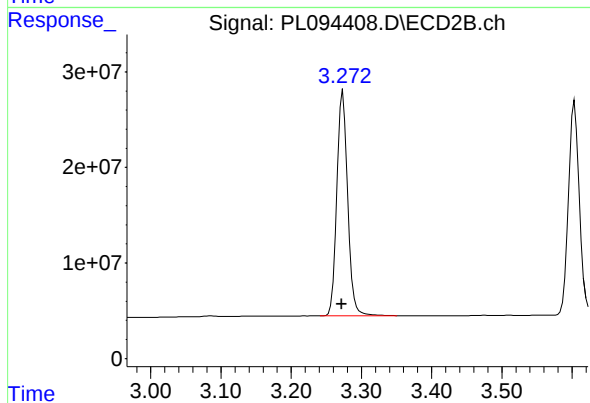
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 64591910
Conc: 20.24 ng/ml



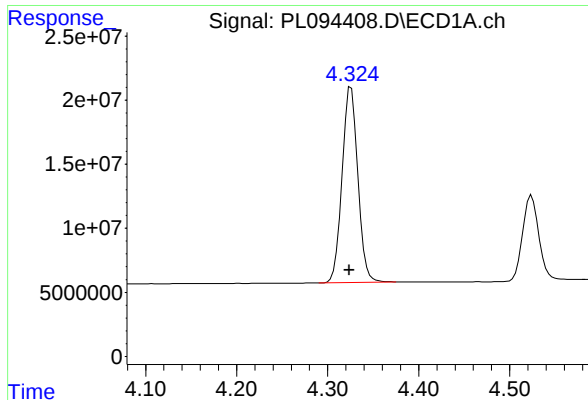
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 191150707
Conc: 50.53 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.001 min
Response: 251766196
Conc: 51.23 ng/ml



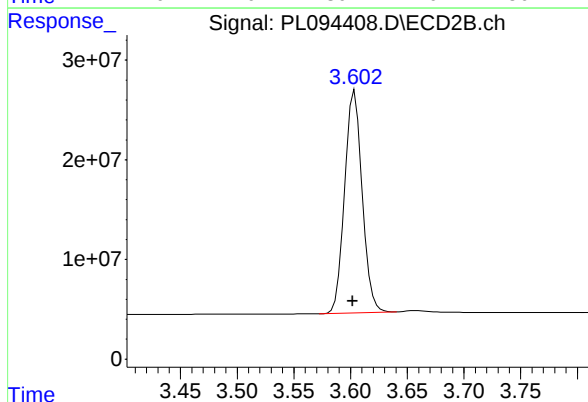
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 184137937
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166873BS

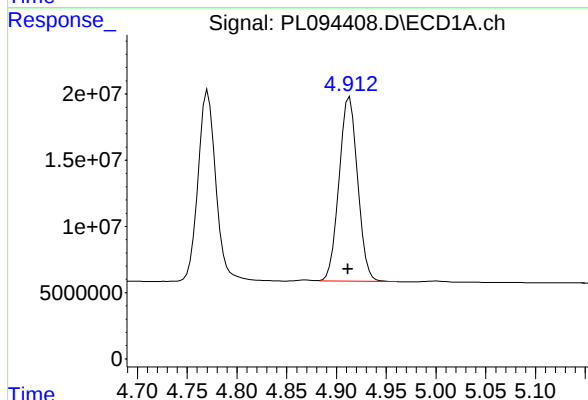
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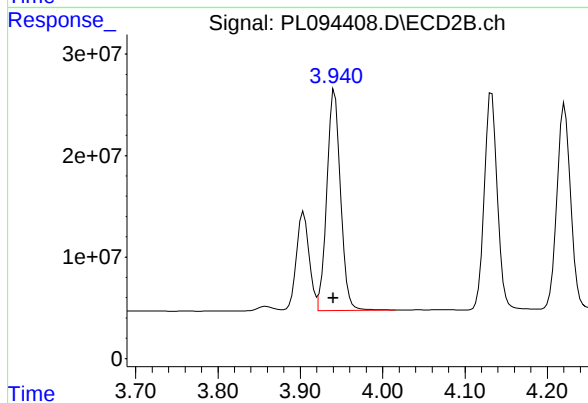
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 239862103
Conc: 50.93 ng/ml



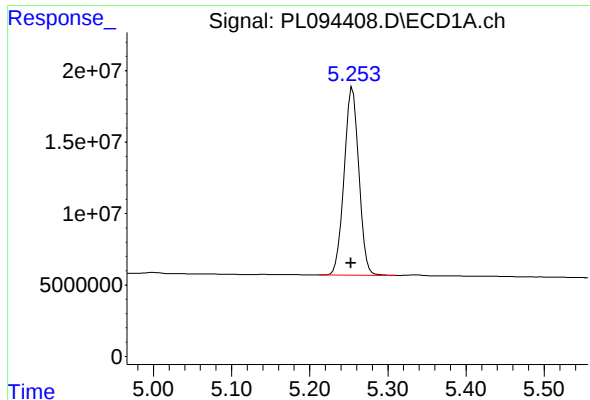
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 180941960
Conc: 53.37 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 252547503
Conc: 53.50 ng/ml



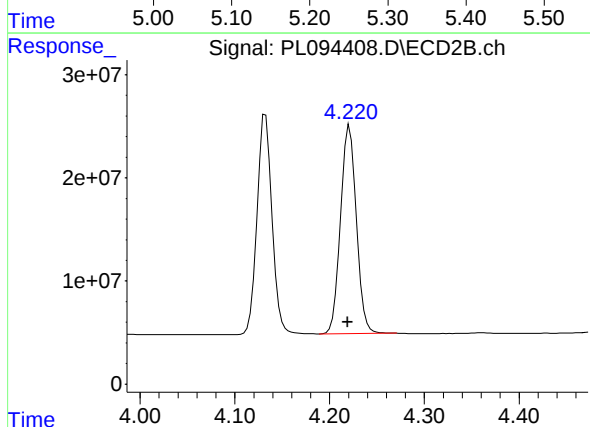
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 172288186
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166873BS

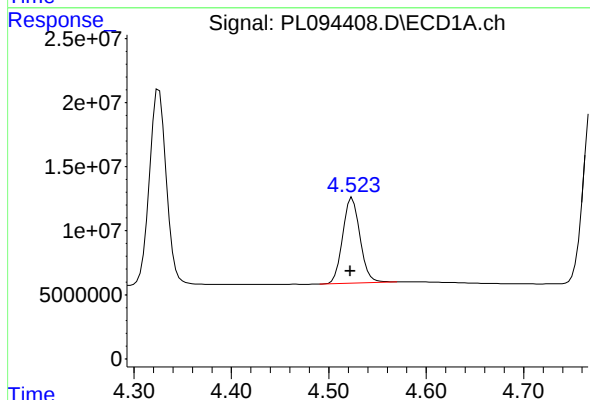
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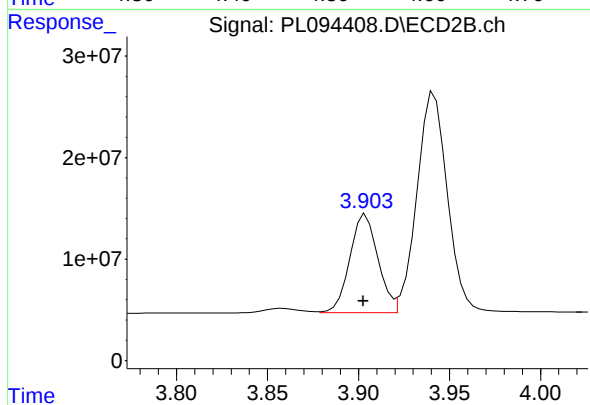
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 233396960
Conc: 50.51 ng/ml



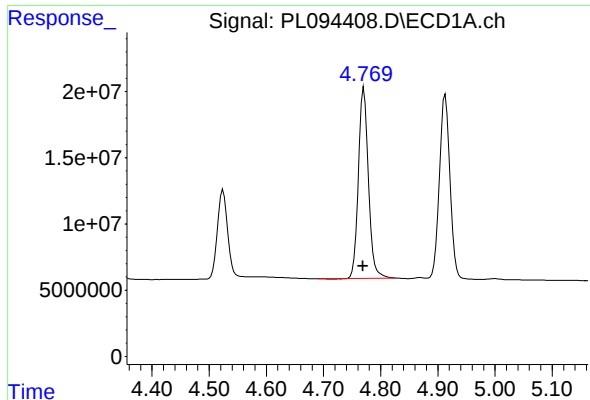
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 82594398
Conc: 51.72 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 105026305
Conc: 52.81 ng/ml



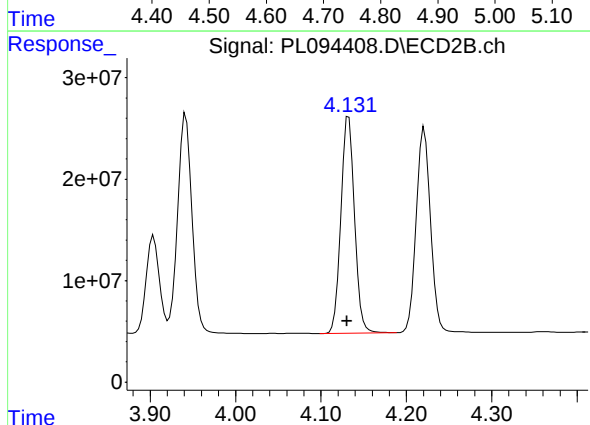
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.002 min
Response: 176448289
Conc: 49.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166873BS

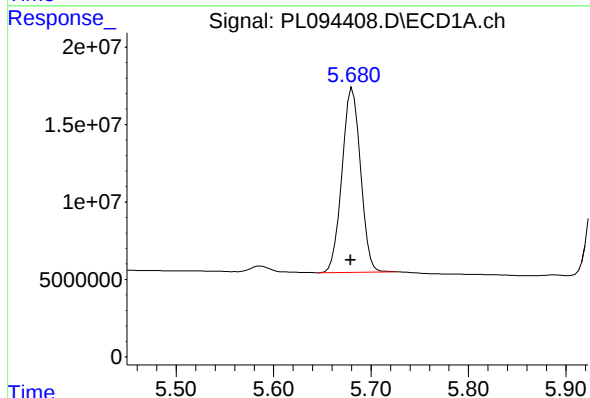
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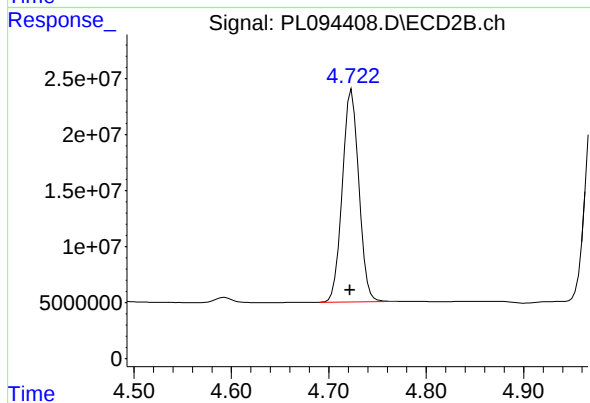
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 235485181
Conc: 49.73 ng/ml



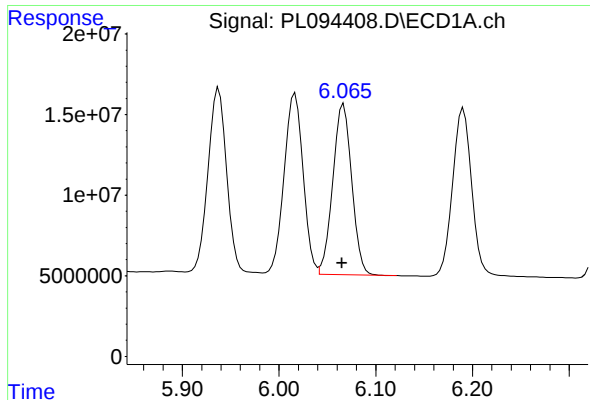
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 156952513
Conc: 52.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 223581320
Conc: 52.54 ng/ml



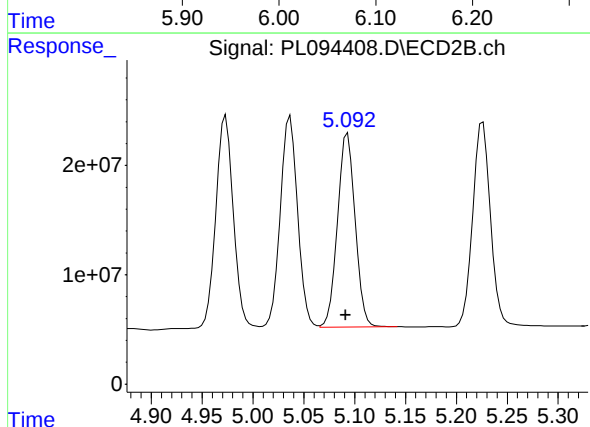
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 144595563
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166873BS

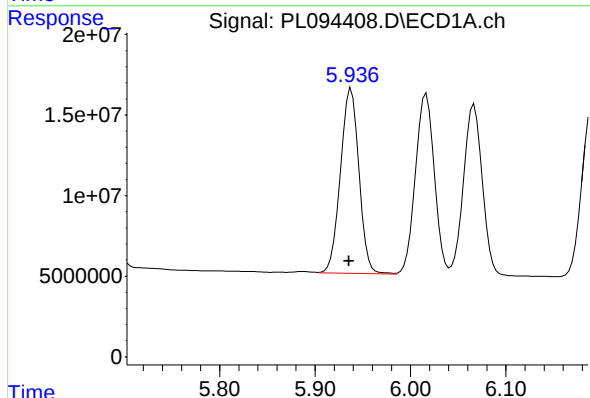
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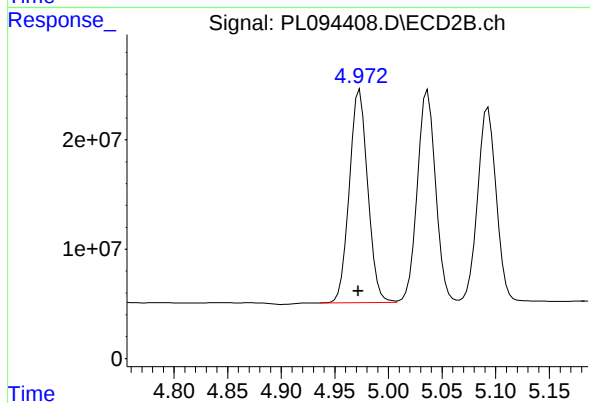
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 214100984
Conc: 53.71 ng/ml



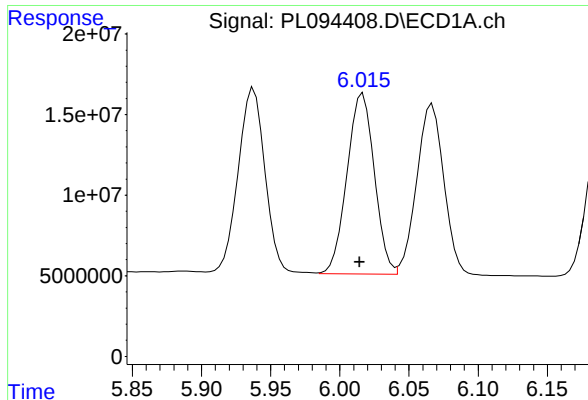
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 154454716
Conc: 52.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 232780892
Conc: 53.65 ng/ml



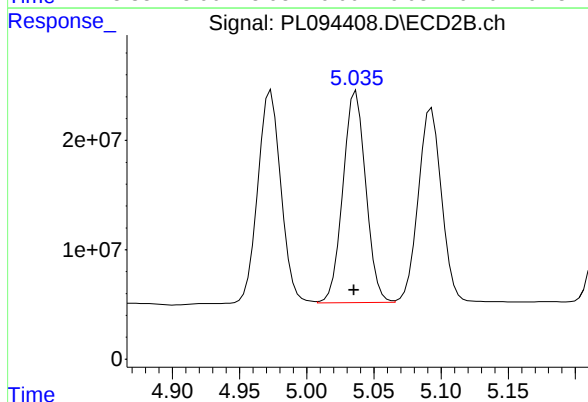
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 154150029
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166873BS

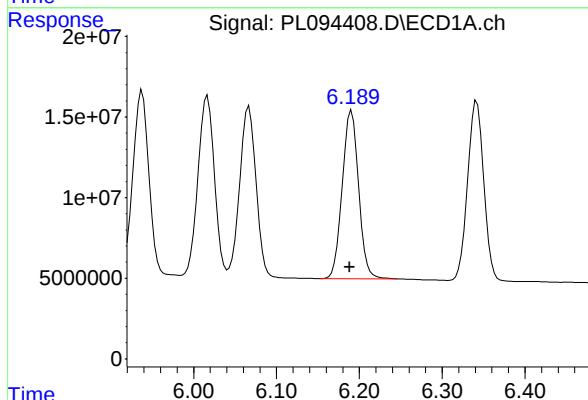
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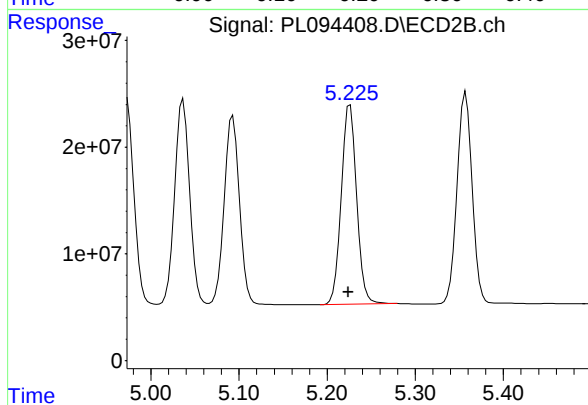
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.001 min
Response: 229651095
Conc: 53.19 ng/ml



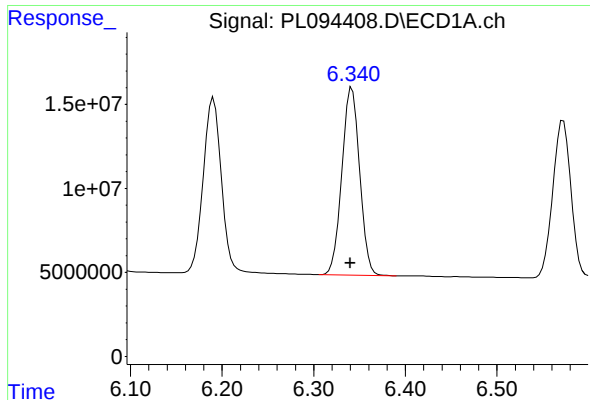
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 143368335
Conc: 54.89 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 226608683
Conc: 53.95 ng/ml



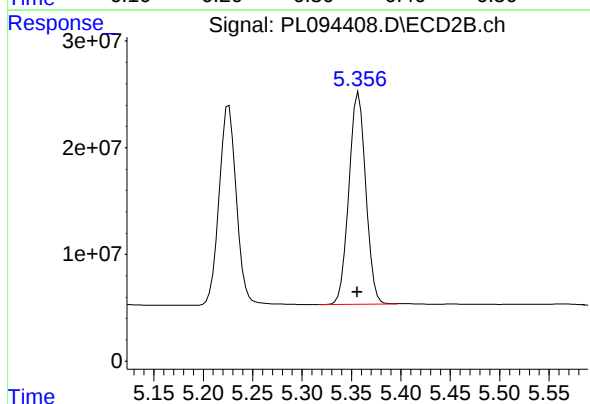
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 151070224
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166873BS

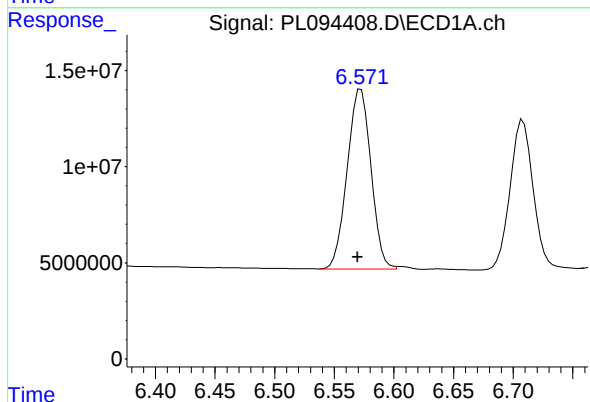
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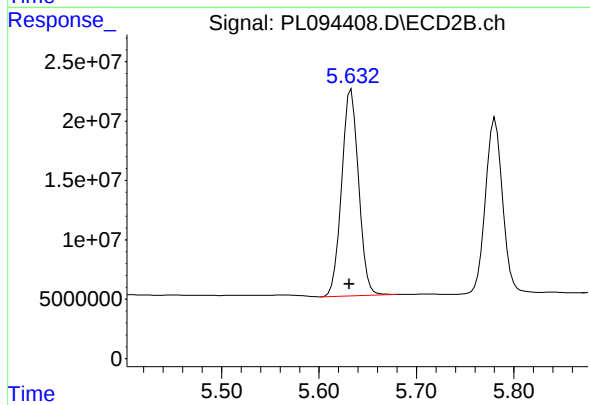
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 235818445
Conc: 53.82 ng/ml



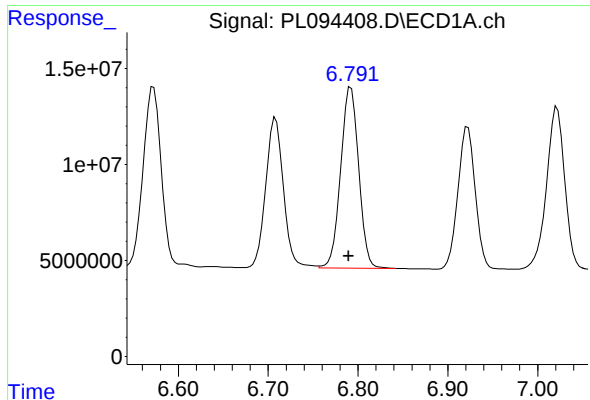
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.001 min
Response: 129842941
Conc: 50.87 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.002 min
Response: 210413721
Conc: 61.80 ng/ml



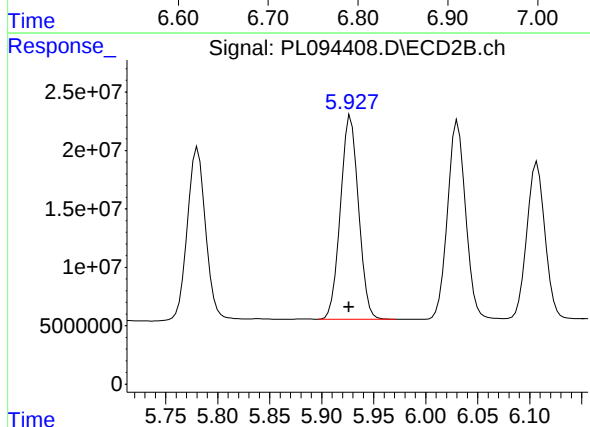
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.003 min
Response: 131202391
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166873BS

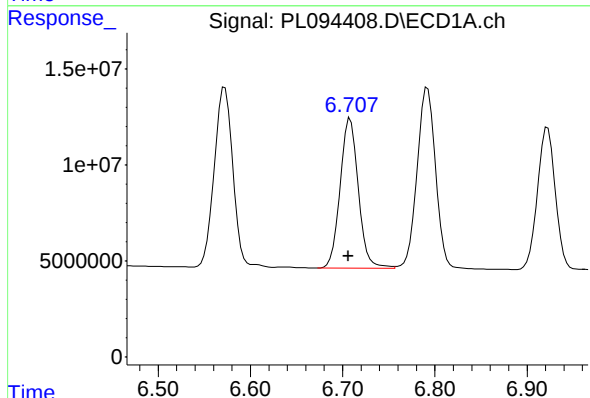
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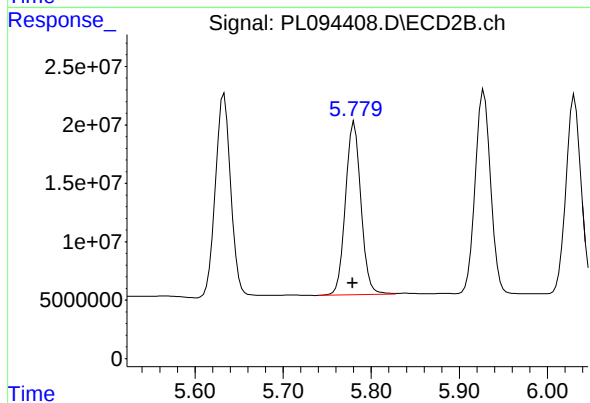
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 211033427
Conc: 56.43 ng/ml



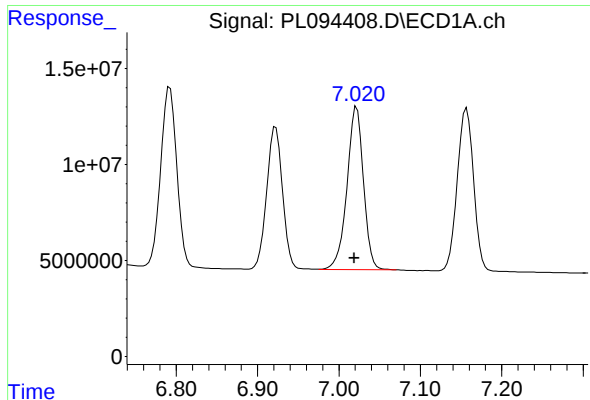
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 106838944
Conc: 57.76 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 181379516
Conc: 56.94 ng/ml



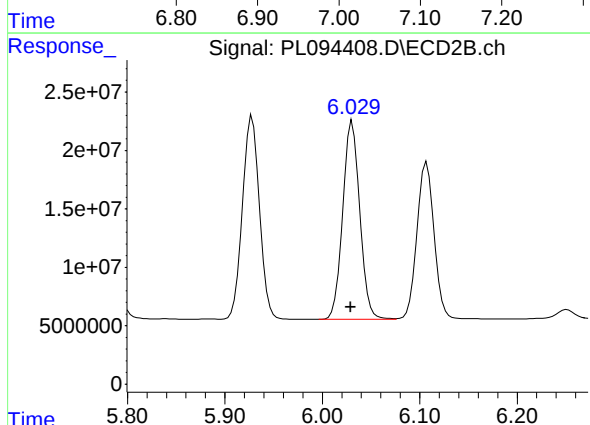
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 119838613
Conc: 57.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166873BS

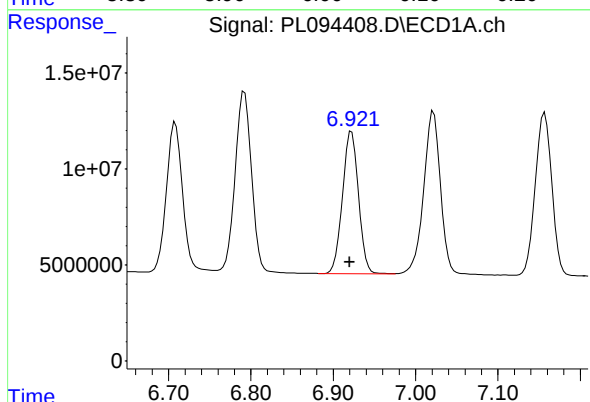
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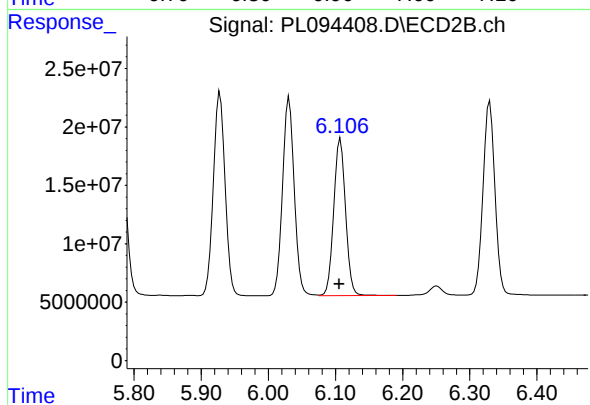
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 206125597
Conc: 57.95 ng/ml



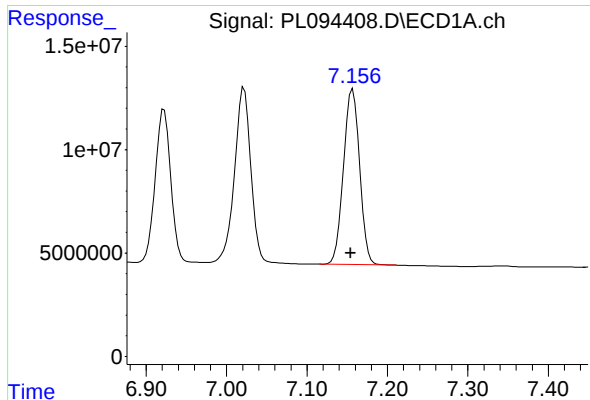
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 99816449
Conc: 51.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.002 min
Response: 164500823
Conc: 52.05 ng/ml



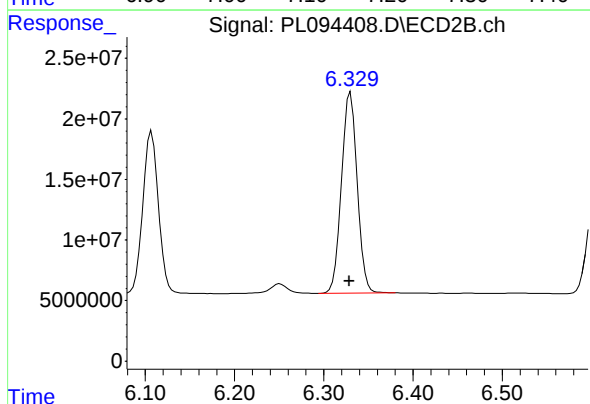
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 118308794
Conc: 52.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166873BS

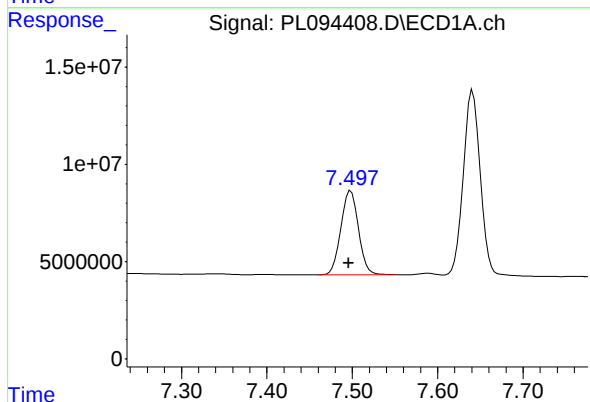
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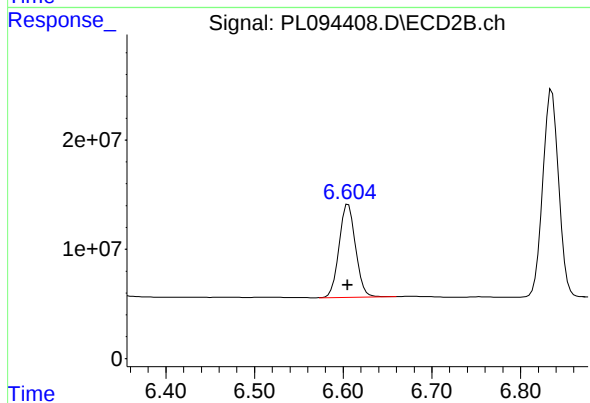
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.002 min
Response: 203492153
Conc: 55.09 ng/ml



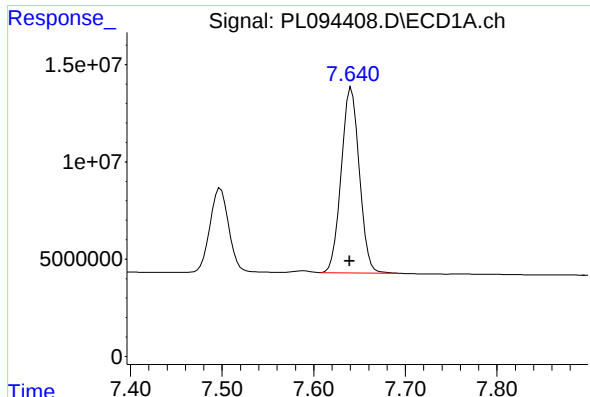
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.003 min
Response: 61734593
Conc: 55.56 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 109940227
Conc: 56.35 ng/ml



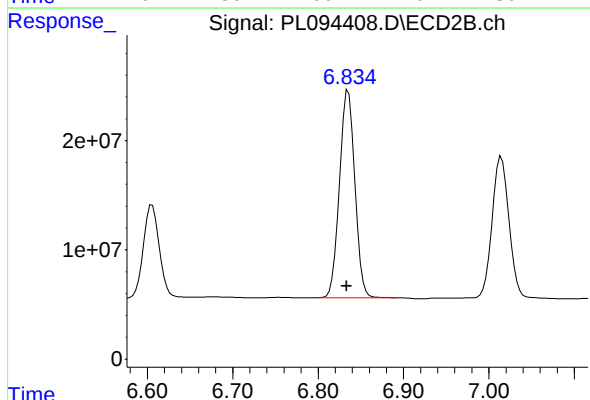
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.002 min
Response: 130987570
Conc: 52.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166873BS

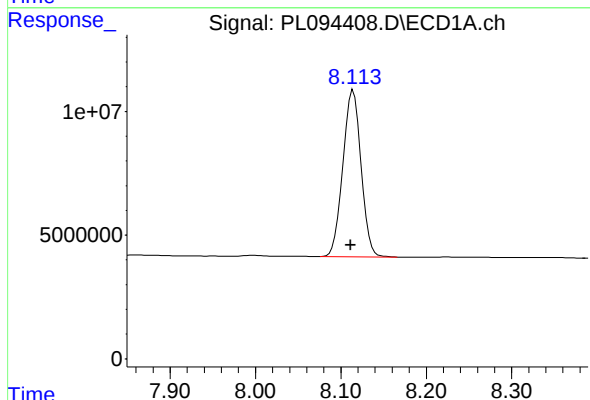
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/27/2025
Supervised By :Ankita Jodhani 02/28/2025



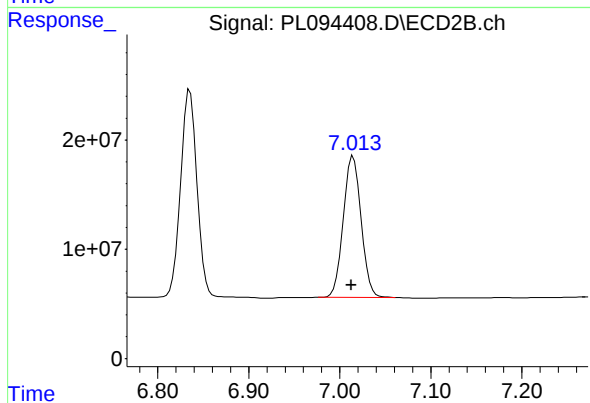
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 236570552
Conc: 55.44 ng/ml



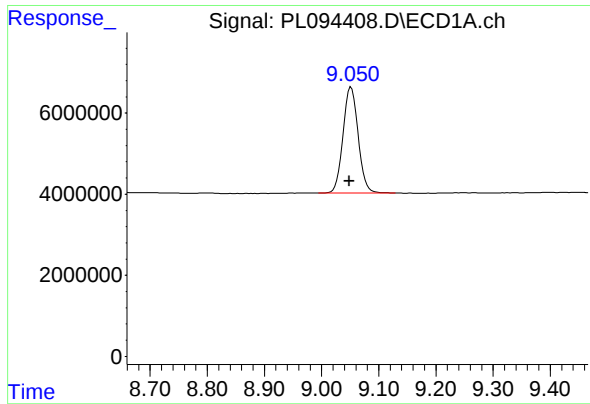
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.003 min
Response: 99498740
Conc: 48.22 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.002 min
Response: 176950694
Conc: 50.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: 0.003 min
Response: 48291879
Conc: 22.70 ng/ml

Instrument :

ECD_L

ClientSampleId :

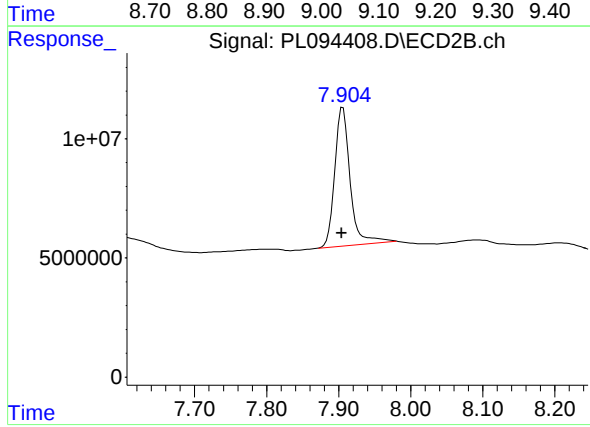
PB166873BS

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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.001 min
Response: 86222929
Conc: 22.42 ng/ml