

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021125\
 Data File : PL094144.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Feb 2025 17:27
 Operator : AR\AJ
 Sample : PB166678BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166678BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/12/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 12 00:31:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.546	2.774	52302617	61930288	19.423	18.973
2) SA Decachlor...	9.063	7.912	40931713	68743697	19.567	19.618
Target Compounds						
2) A alpha-BHC	4.002	3.276	176.1E6	237.7E6	45.932	48.624
3) MA gamma-BHC...	4.334	3.607	166.2E6	224.8E6	45.140	47.406
4) MA Heptachlor	4.923	3.945	160.1E6	231.0E6	48.844	49.637
5) MB Aldrin	5.265	4.224	151.4E6	216.0E6	46.281	47.342
6) B beta-BHC	4.534	3.907	75139610	98614224	46.748	49.370
7) B delta-BHC	4.780	4.135	161.9E6	220.3E6	46.192	46.375
8) B Heptachlo...	5.691	4.727	136.5E6	206.0E6	45.908	49.268
9) A Endosulfan I	6.076	5.097	124.5E6	186.0E6	47.095	47.975
10) B gamma-Chl...	5.947	4.977	133.8E6	219.2E6	48.001	51.733
11) B alpha-Chl...	6.026	5.041	133.6E6	211.5E6	47.919	50.510
12) B 4,4'-DDE	6.200	5.230	123.9E6	208.1E6	50.874	51.901
13) MA Dieldrin	6.352	5.361	129.9E6	210.6E6	46.807	49.029
14) MA Endrin	6.579	5.638	108.3E6	190.9E6	46.174m	51.693
15) B Endosulfa...	6.801	5.932	112.8E6	190.1E6	46.801	51.337
16) A 4,4'-DDD	6.718	5.785	100.3E6	169.0E6	52.800	53.540
17) MA 4,4'-DDT	7.031	6.035	101.5E6	176.7E6	51.487	54.296
18) B Endrin al...	6.932	6.112	87468430	147.1E6	44.993	48.323
19) B Endosulfa...	7.166	6.335	104.0E6	178.6E6	45.928	50.083
20) A Methoxychlor	7.507	6.611	52936560	89644666	50.735	50.133
21) B Endrin ke...	7.651	6.840	116.1E6	214.7E6	46.024	51.185
22) Mirex	8.123	7.020	87293278	155.8E6	41.918	46.084

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021125\
Data File : PL094144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Feb 2025 17:27
Operator : AR\AJ
Sample : PB166678BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

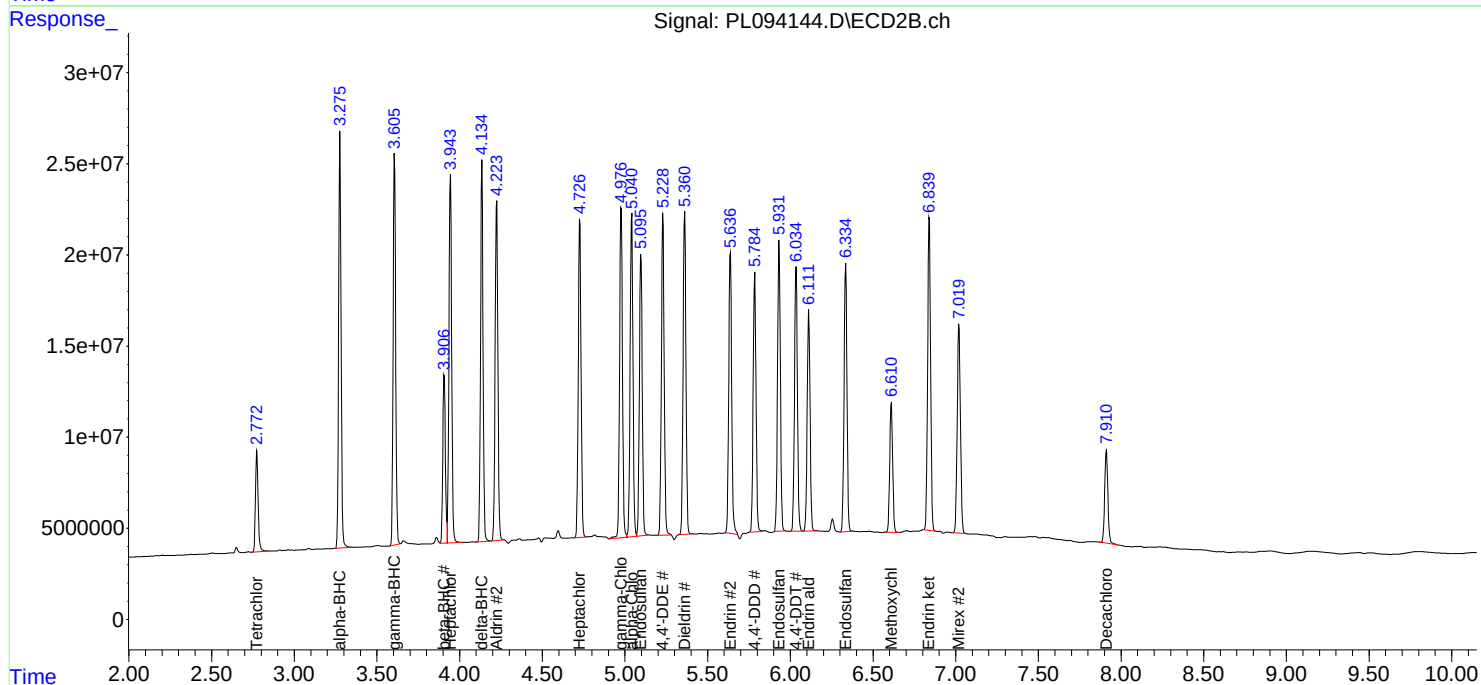
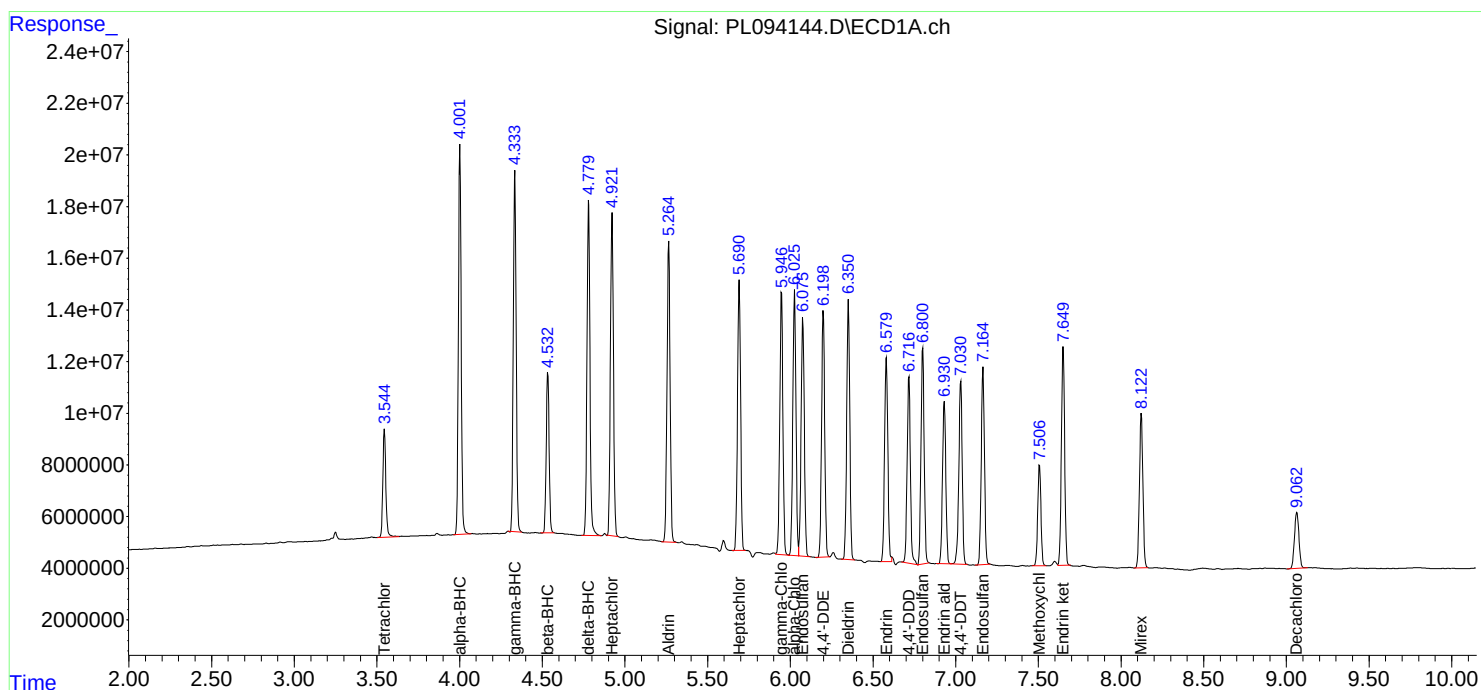
Instrument :
ECD_L
ClientSampleId :
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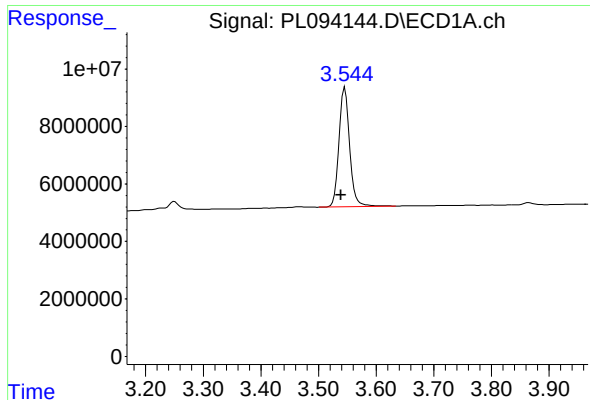
Manual Integrations
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Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 12 00:31:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL0212125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





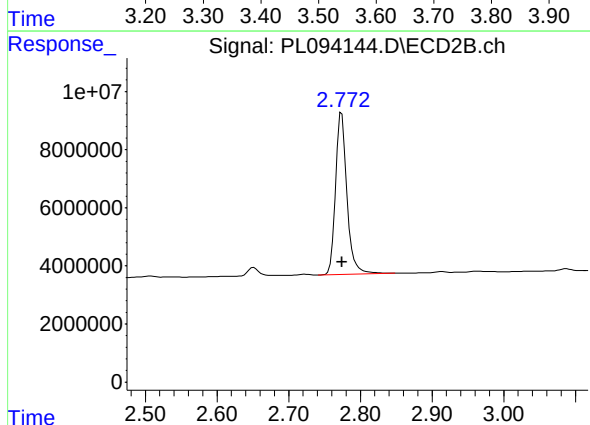
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.007 min
Response: 52302617
Conc: 19.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166678BSD

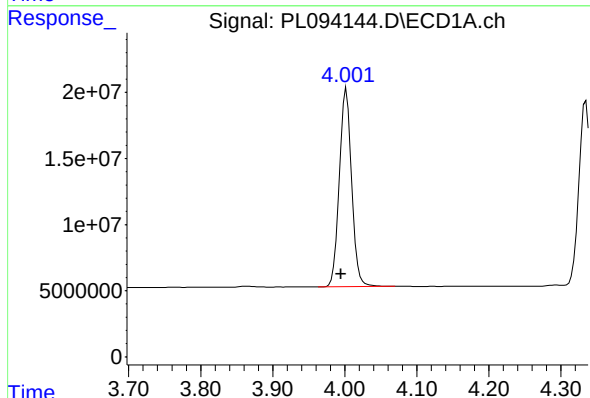
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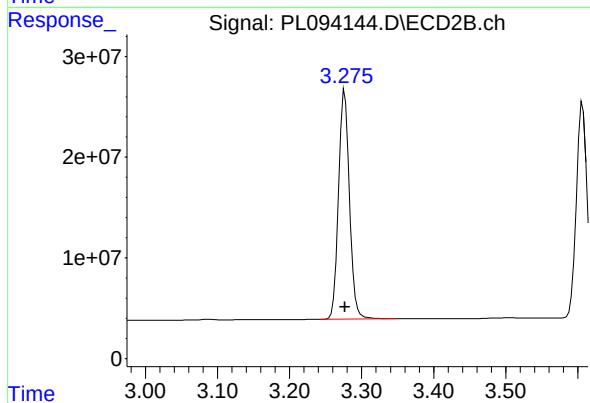
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 61930288
Conc: 18.97 ng/ml



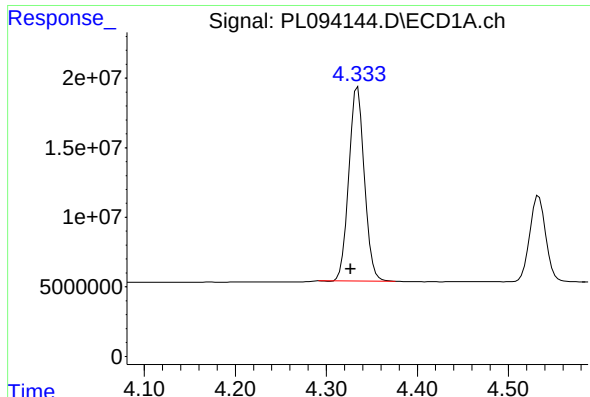
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.007 min
Response: 176095989
Conc: 45.93 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 237723064
Conc: 48.62 ng/ml



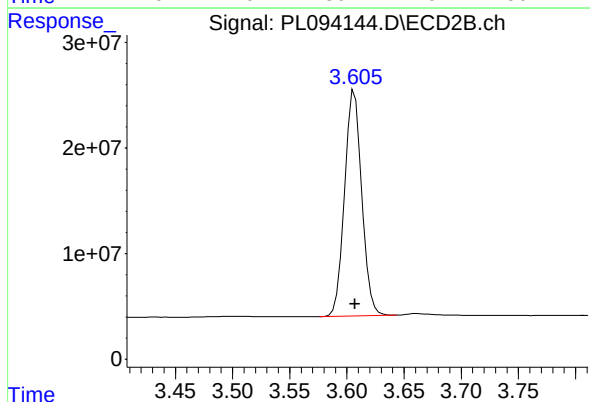
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.007 min
Response: 166244789
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166678BSD

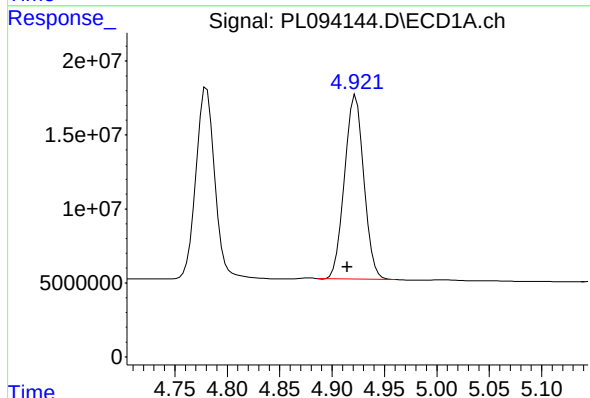
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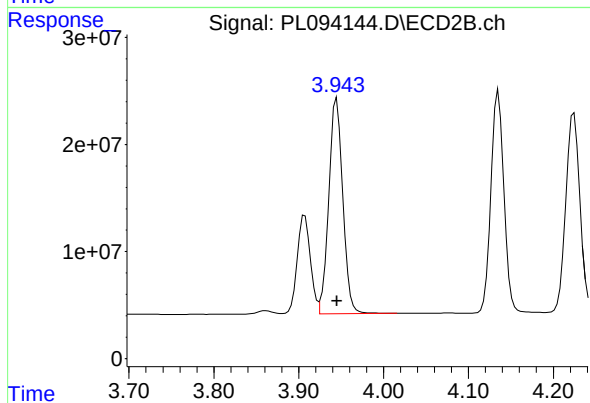
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 224761782
Conc: 47.41 ng/ml



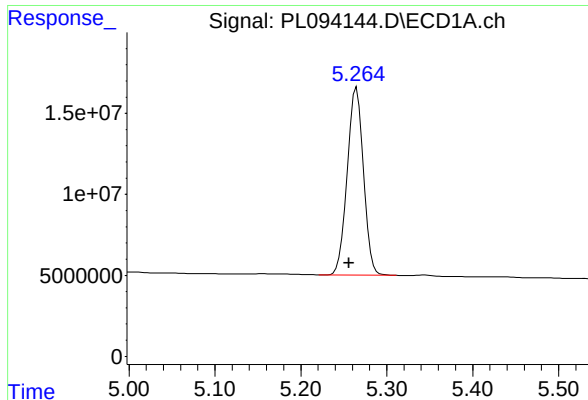
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.008 min
Response: 160079136
Conc: 48.84 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 231048470
Conc: 49.64 ng/ml



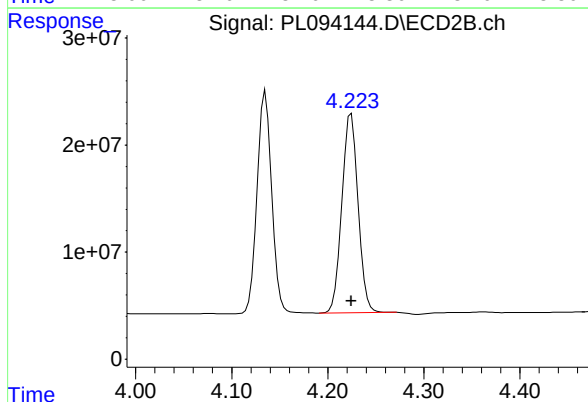
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.009 min
Response: 151431327
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166678BSD

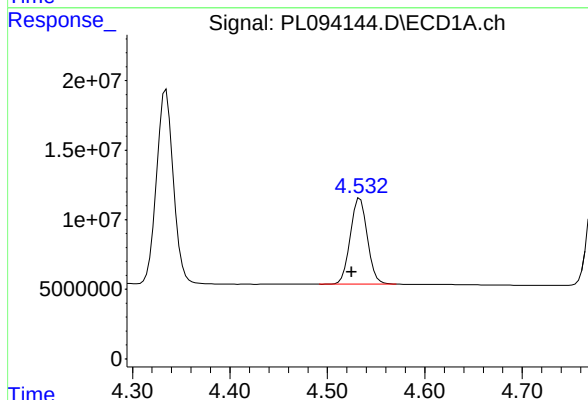
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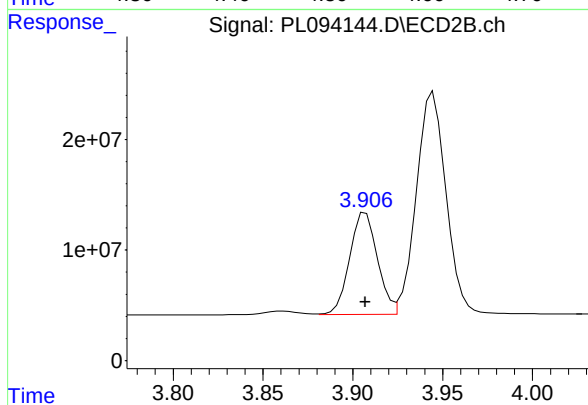
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 215964817
Conc: 47.34 ng/ml



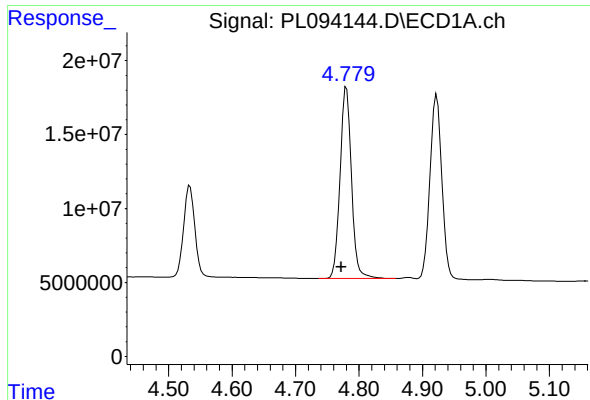
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.008 min
Response: 75139610
Conc: 46.75 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 98614224
Conc: 49.37 ng/ml



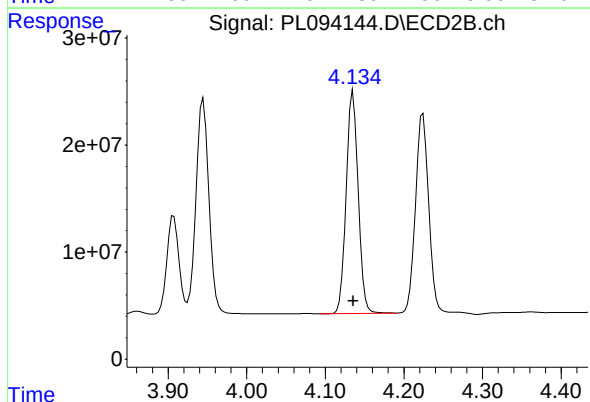
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.009 min
Response: 161916828
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166678BSD

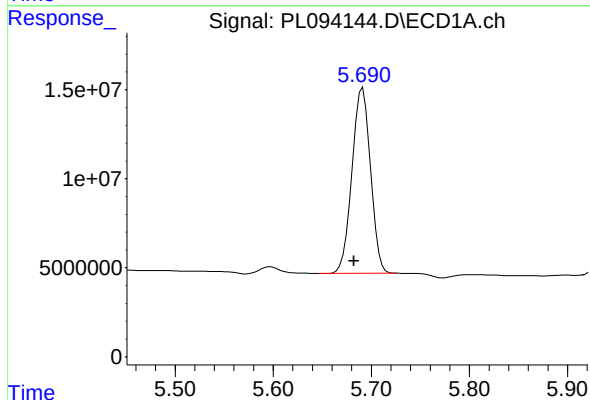
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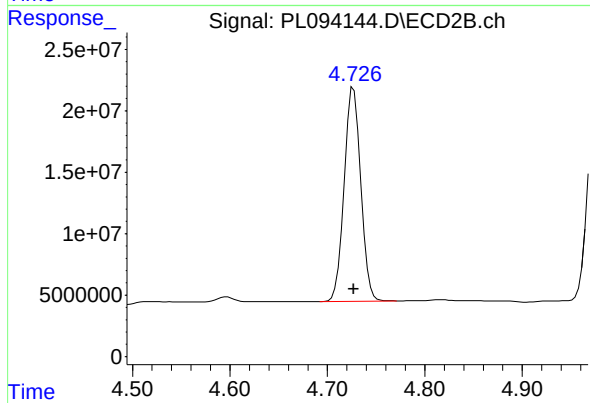
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 220339200
Conc: 46.38 ng/ml



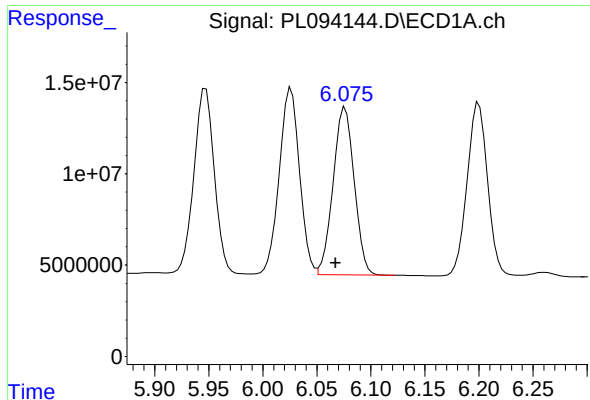
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.009 min
Response: 136523215
Conc: 45.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 205954089
Conc: 49.27 ng/ml



#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.009 min
Response: 124465760
Conc: 47.10 ng/ml

Instrument :

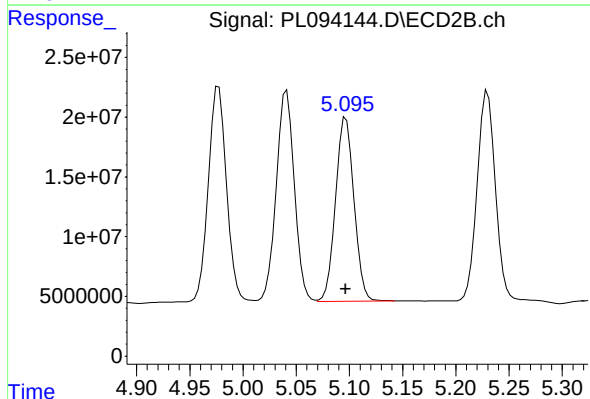
ECD_L

ClientSampleId :

PB166678BSD

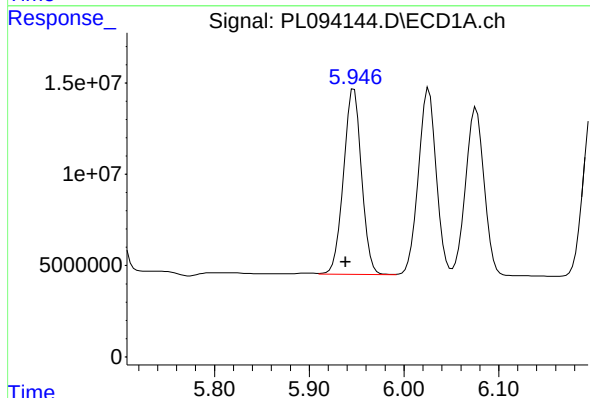
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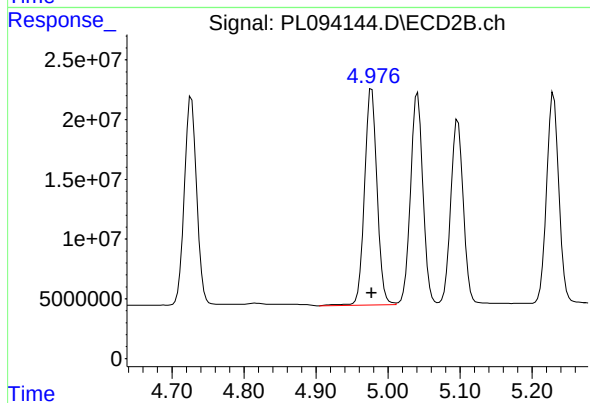
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 185996177
Conc: 47.98 ng/ml



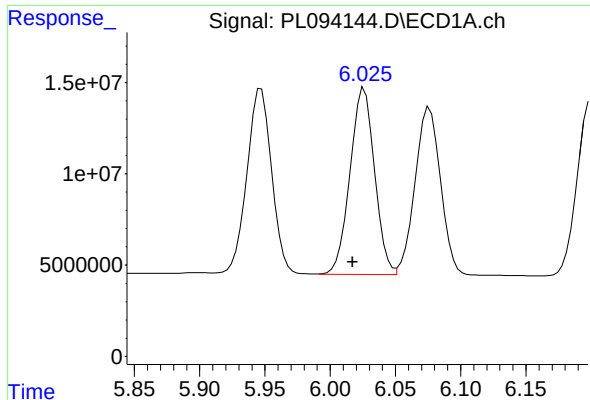
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.009 min
Response: 133797703
Conc: 48.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 219224346
Conc: 51.73 ng/ml



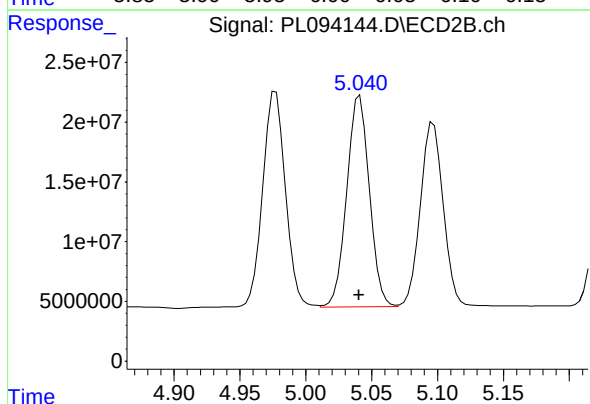
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.009 min
Response: 133618183
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166678BSD

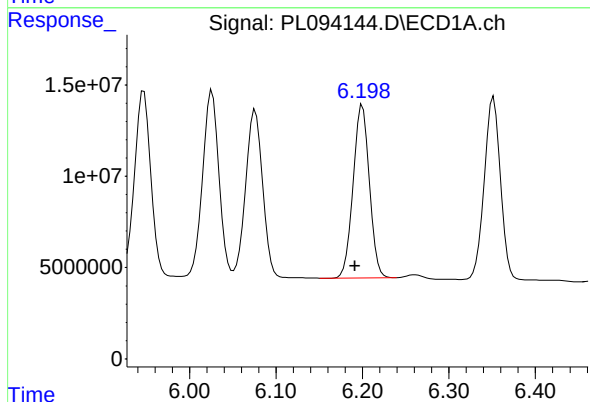
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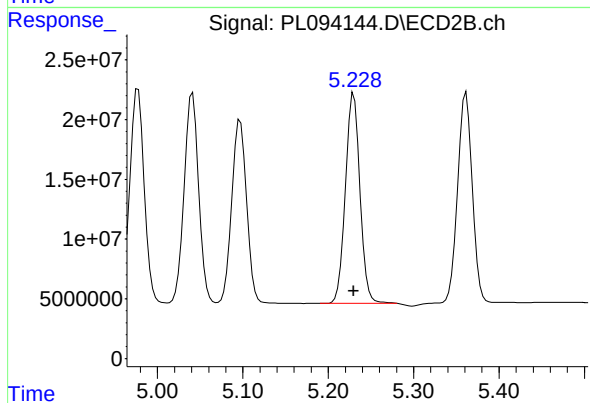
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 211462753
Conc: 50.51 ng/ml



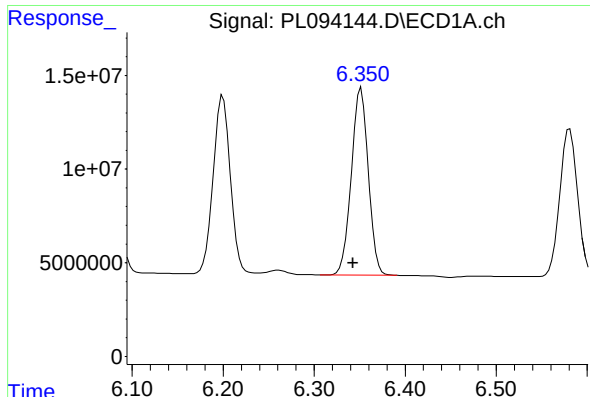
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.009 min
Response: 123856730
Conc: 50.87 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 208097160
Conc: 51.90 ng/ml



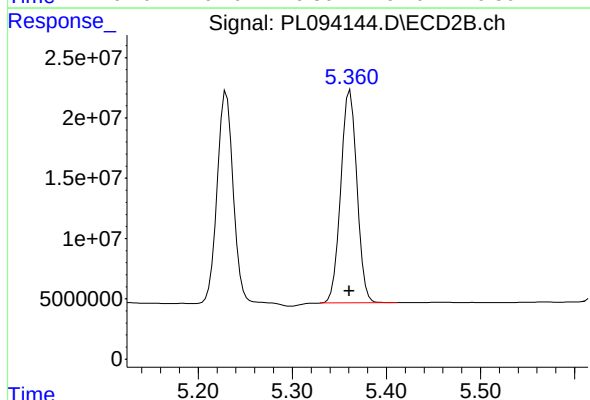
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: 0.009 min
Response: 129927961
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166678BSD

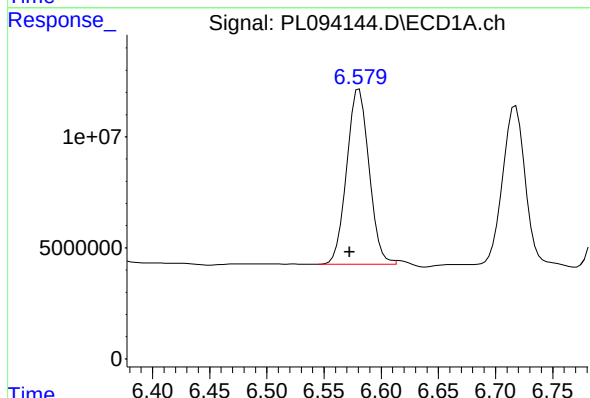
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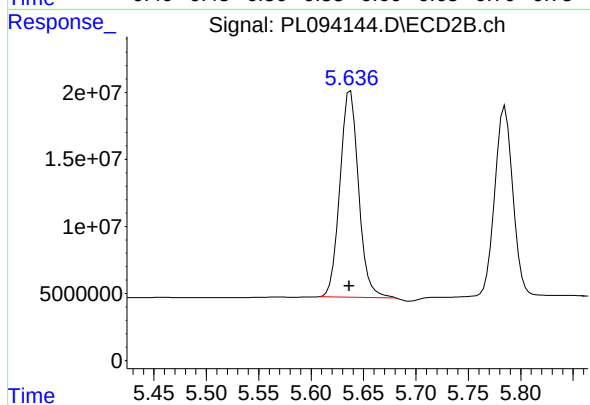
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 210611517
Conc: 49.03 ng/ml



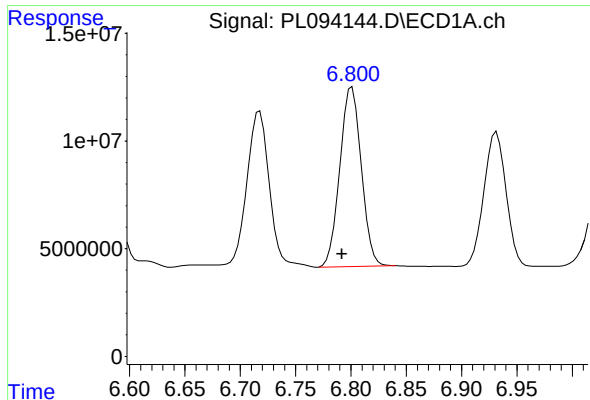
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.007 min
Response: 108269315
Conc: 46.17 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.001 min
Response: 190884331
Conc: 51.69 ng/ml



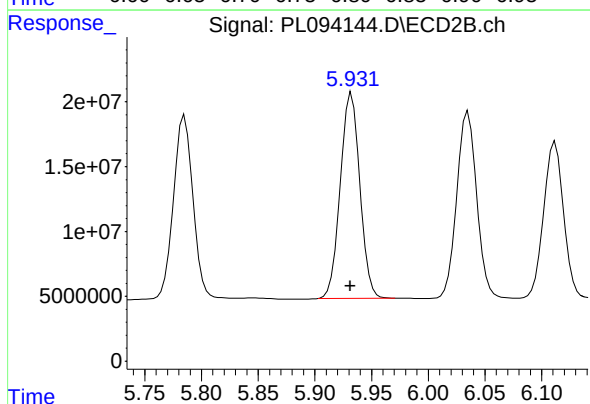
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.009 min
Response: 112759856
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166678BSD

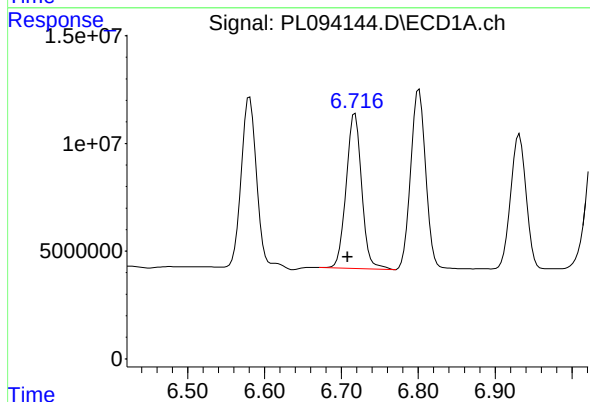
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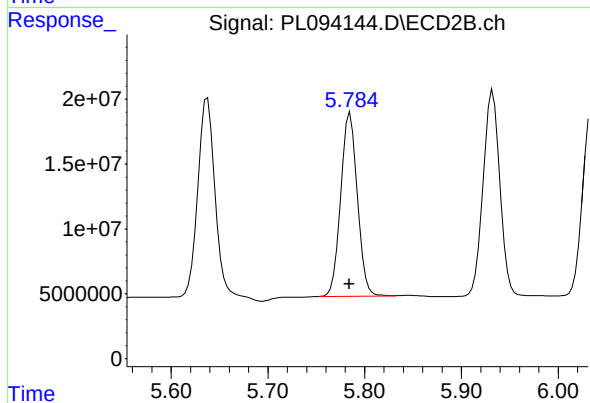
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.001 min
Response: 190143901
Conc: 51.34 ng/ml



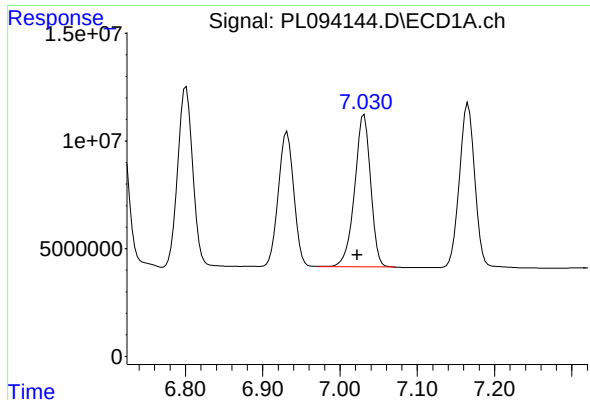
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.009 min
Response: 100349540
Conc: 52.80 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 168999568
Conc: 53.54 ng/ml



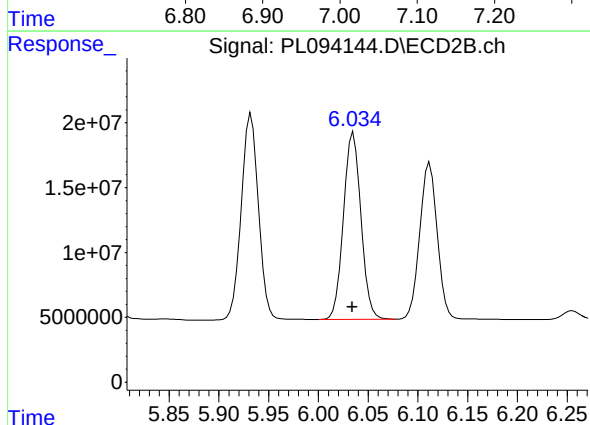
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.009 min
Response: 101535701
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166678BSD

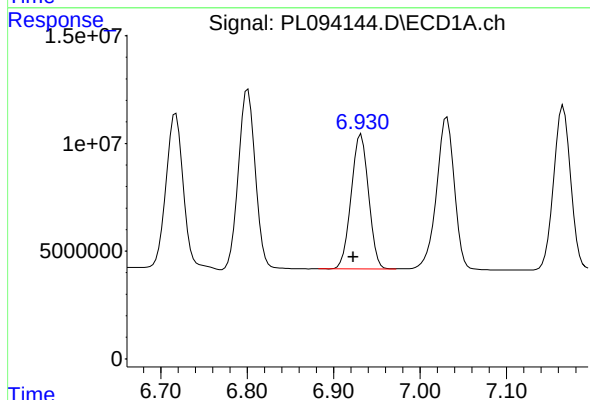
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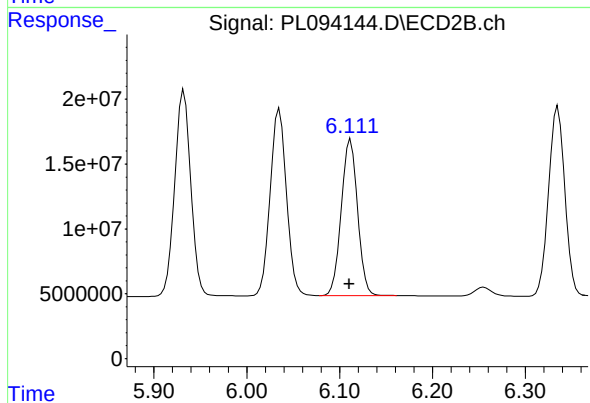
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.001 min
Response: 176681605
Conc: 54.30 ng/ml



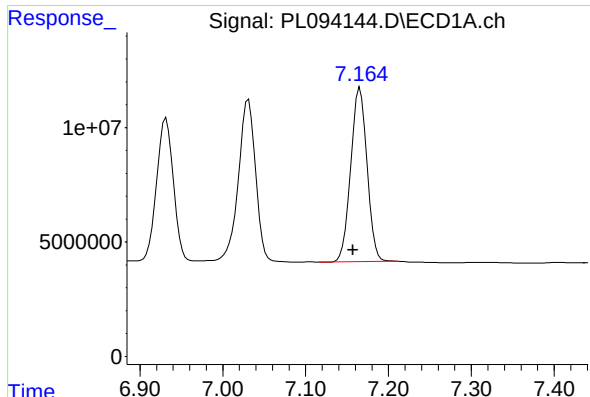
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.009 min
Response: 87468430
Conc: 44.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 147126260
Conc: 48.32 ng/ml



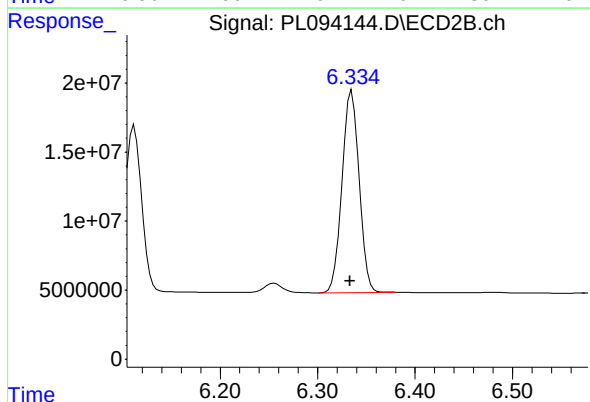
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.009 min
Response: 103969430
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166678BSD

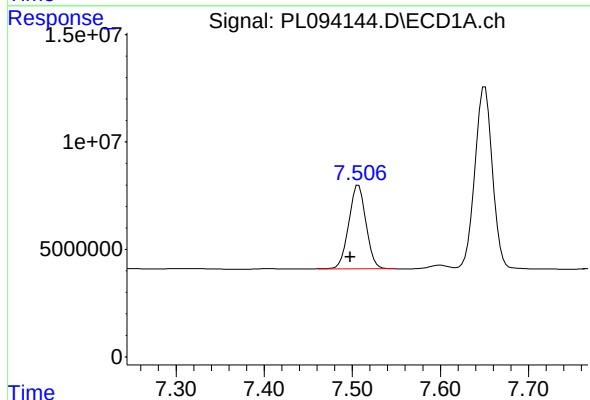
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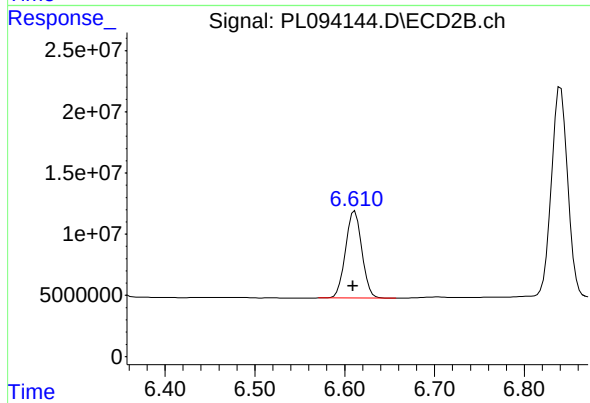
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: 0.002 min
Response: 178601638
Conc: 50.08 ng/ml



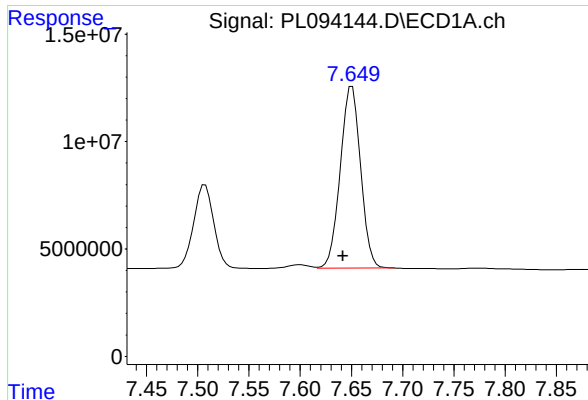
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.009 min
Response: 52936560
Conc: 50.73 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.002 min
Response: 89644666
Conc: 50.13 ng/ml



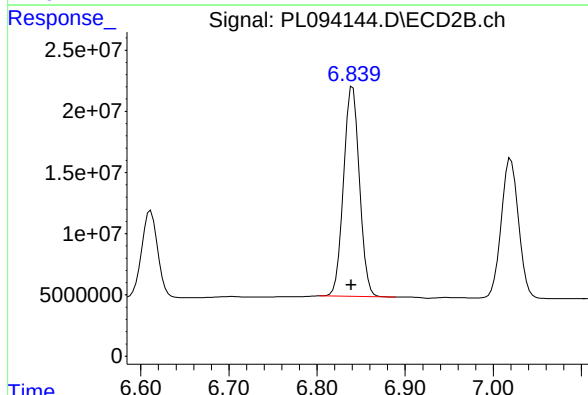
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.009 min
Response: 116100636
Conc: 46.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166678BSD

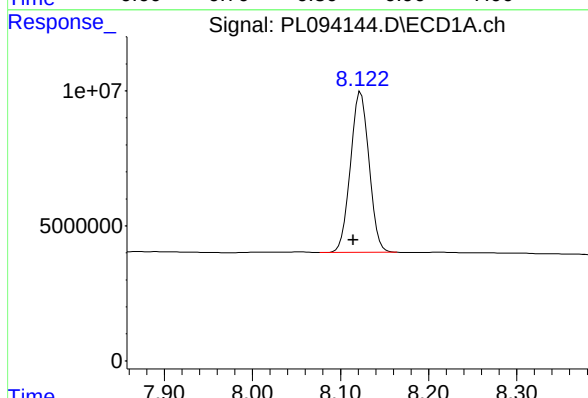
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Supervised By :Ankita Jodhani 02/12/2025



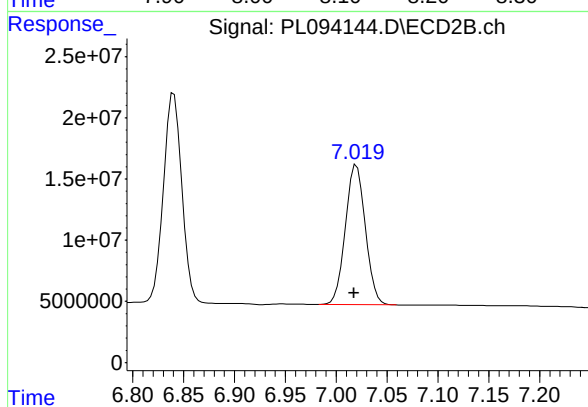
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.002 min
Response: 214732522
Conc: 51.18 ng/ml



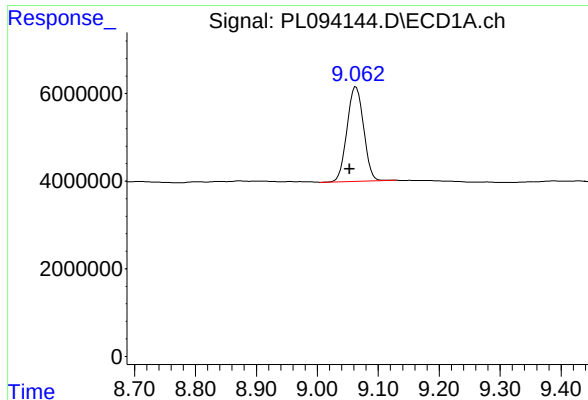
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.008 min
Response: 87293278
Conc: 41.92 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 155849869
Conc: 46.08 ng/ml



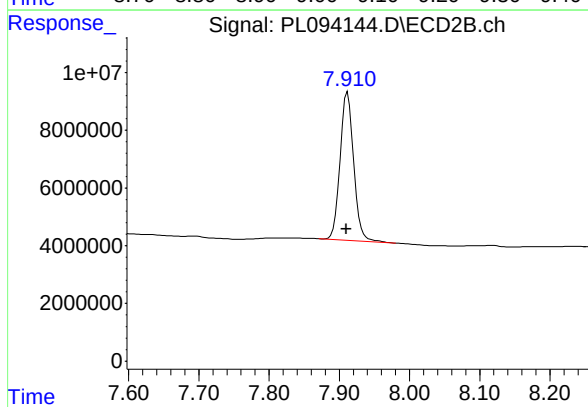
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.011 min
Response: 40931713
Conc: 19.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166678BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.002 min
Response: 68743697
Conc: 19.62 ng/ml