

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
 Data File : PL094426.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 17:58
 Operator : AR\AJ
 Sample : Q1442-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 351MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/02/2025
 Supervised By : Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 22:14:32 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...	3.536	2.771	48534564	59008412	19.115m	18.491
28) SA Decachlor...	9.053	7.906	30797640	49851240	14.478	12.963
Target Compounds						
2) A alpha-BHC	3.993	3.274	194.1E6	258.6E6	51.301	52.619
3) MA gamma-BHC...	4.325	3.604	193.9E6	246.3E6	52.468m	52.284
4) MA Heptachlor	4.914	3.941	183.4E6	262.7E6	54.093	55.644
5) MB Aldrin	5.253	4.221	179.5E6	241.3E6	52.299m	52.228
6) B beta-BHC	4.525	3.904	81535572	109.5E6	51.059	55.061
7) B delta-BHC	4.772	4.132	188.4E6	242.2E6	53.252	51.152
8) B Heptachlo...	5.680	4.723	247.8E6	312.2E6	82.239m	73.355
9) A Endosulfan I	6.067	5.093	140.4E6	203.0E6	51.088	50.933
10) B gamma-Chl...	5.939	4.973	463.0E6	657.3E6	157.692	151.501
11) B alpha-Chl...	6.019	5.037	620.7E6	785.2E6	214.236	181.853
12) B 4,4'-DDE	6.191	5.225	139.2E6	233.5E6	53.297	55.598
13) MA Dieldrin	6.343	5.358	171.3E6	281.6E6	60.121	64.277
14) MA Endrin	6.572	5.632	120.5E6	225.3E6	47.207	66.186m#
15) B Endosulfa...	6.793	5.929	129.3E6	353.0E6	51.373	94.390 #
16) A 4,4'-DDD	6.708	5.779	116.2E6	171.6E6	62.825m	53.881m
17) MA 4,4'-DDT	7.022	6.031	132.2E6	220.5E6	62.967	61.986
18) B Endrin al...	6.922	6.105	104.0E6	170.5E6	53.413m	53.951m
19) B Endosulfa...	7.158	6.330	117.6E6	197.3E6	51.947	53.416
20) A Methoxychlor	7.499	6.606	58108418	98794501	52.301	50.637
21) B Endrin ke...	7.641	6.835	131.6E6	208.5E6	52.484m	48.868
22) Mirex	8.116	7.015	91321083	148.5E6	44.260	42.585

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
Data File : PL094426.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 17:58
Operator : AR\AJ
Sample : Q1442-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

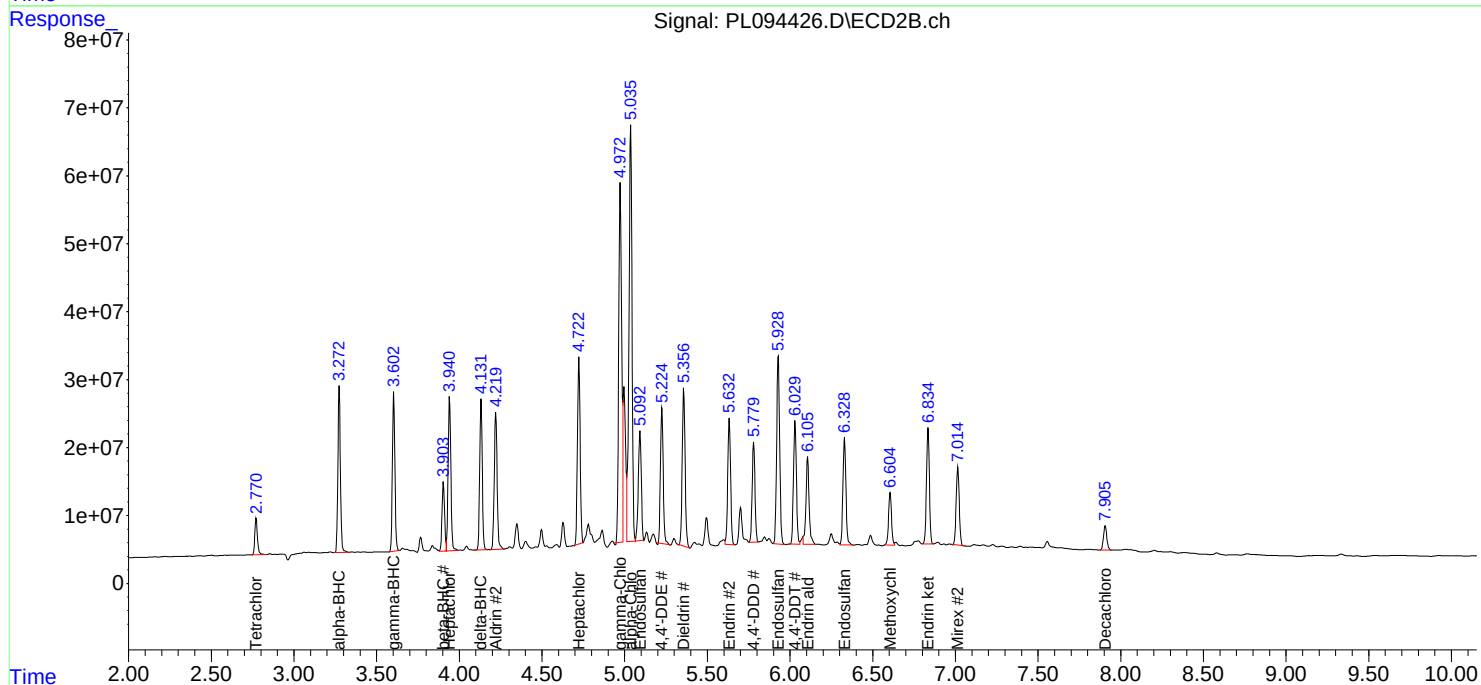
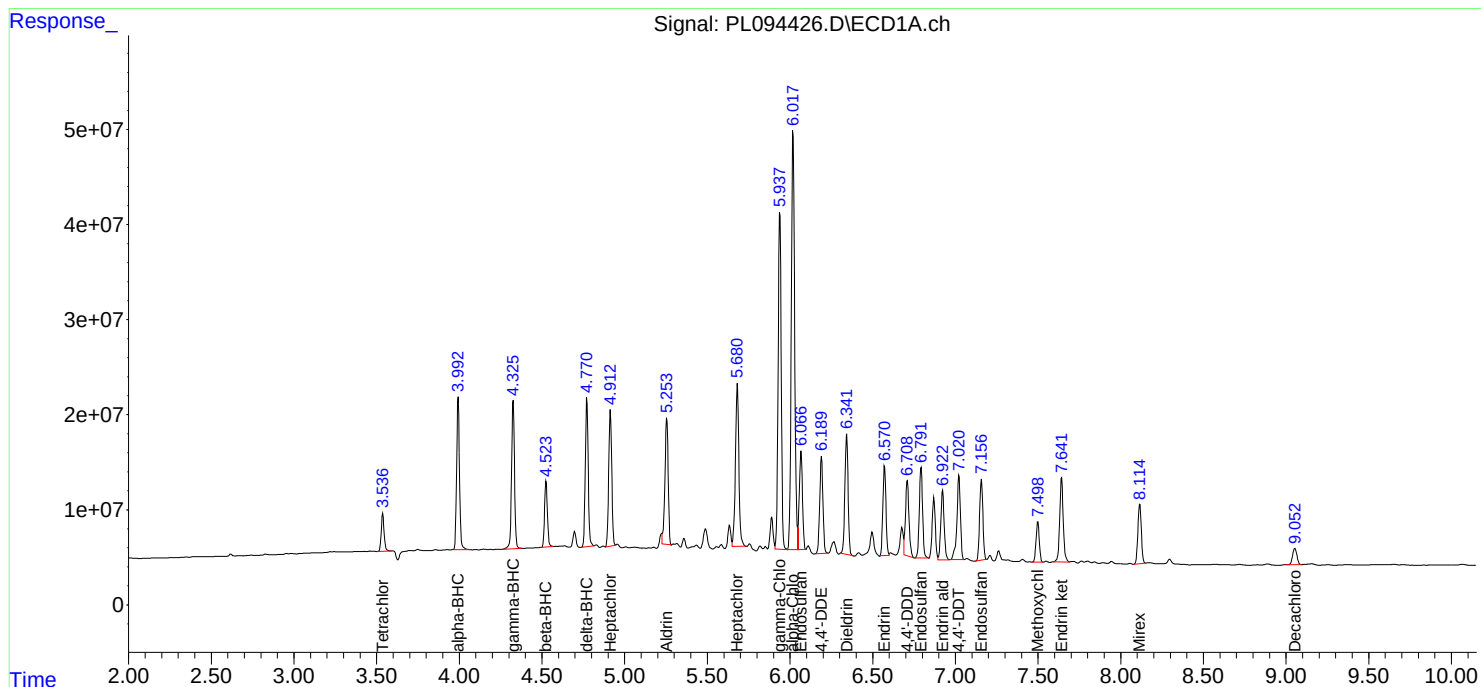
Instrument :
ECD_L
ClientSampleId :
351MSD

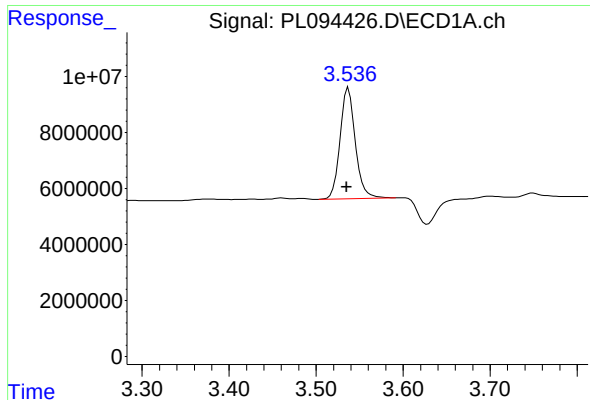
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:14:32 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





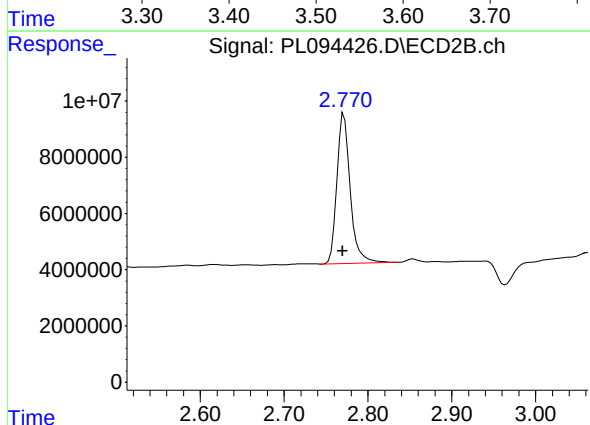
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 48534564
Conc: 19.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

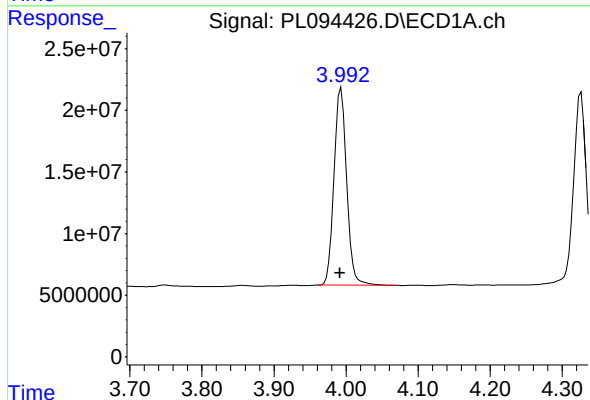
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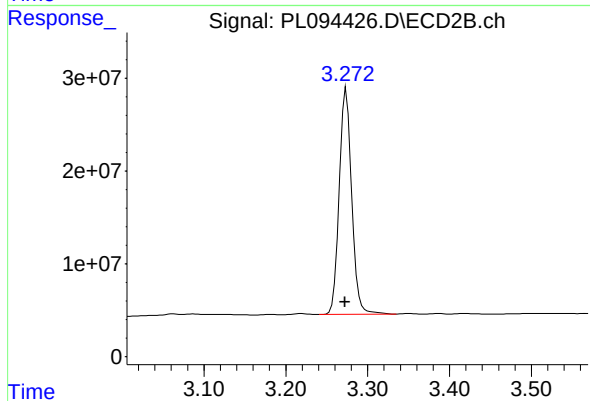
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 59008412
Conc: 18.49 ng/ml



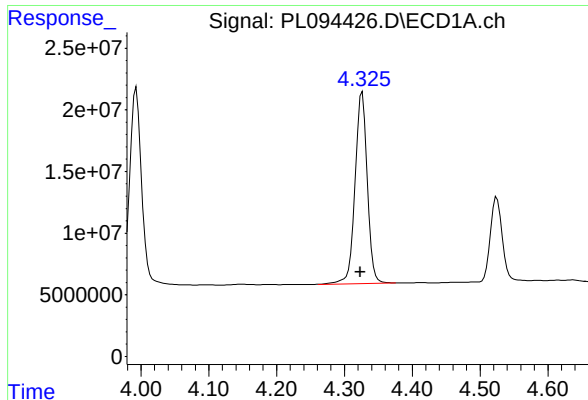
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 194055172
Conc: 51.30 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 258610462
Conc: 52.62 ng/ml



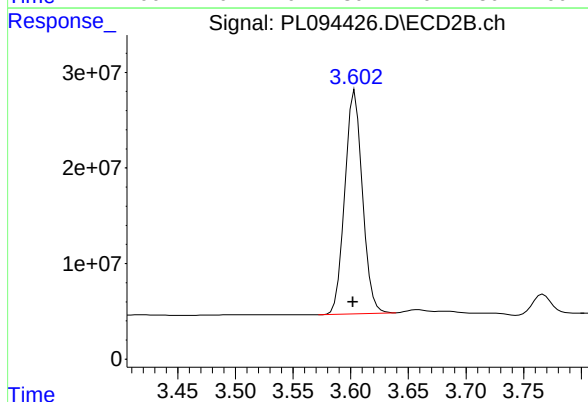
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.001 min
Response: 193854733
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

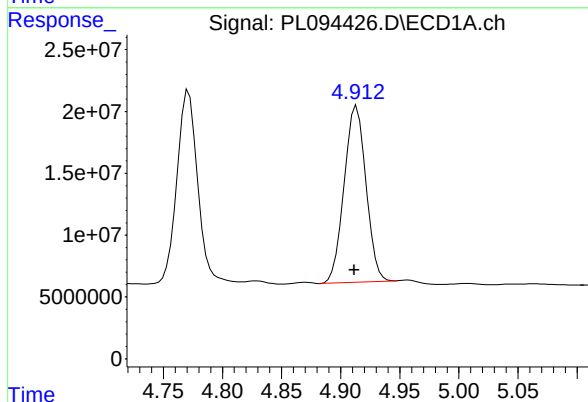
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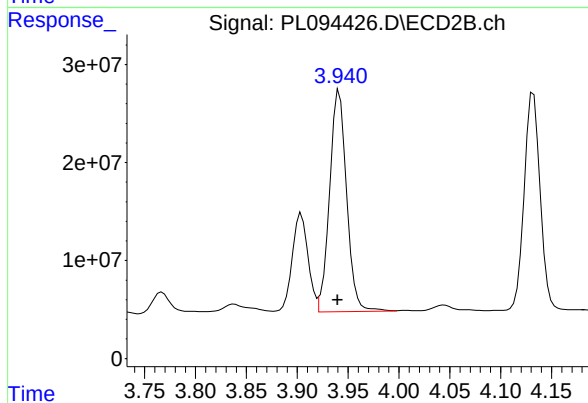
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 246253794
Conc: 52.28 ng/ml



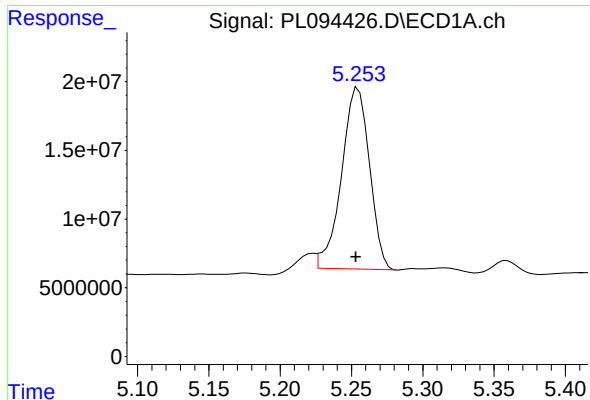
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 183394113
Conc: 54.09 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.002 min
Response: 262658424
Conc: 55.64 ng/ml



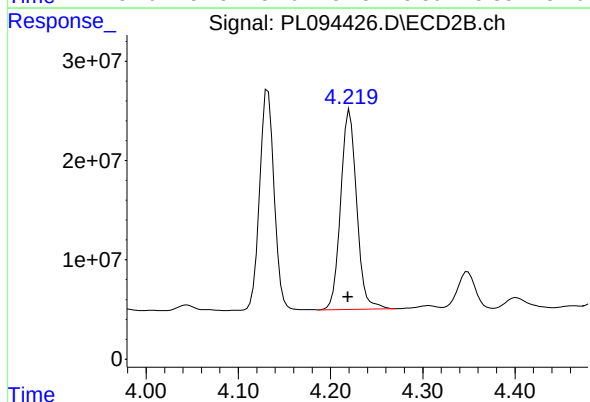
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 179477559
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

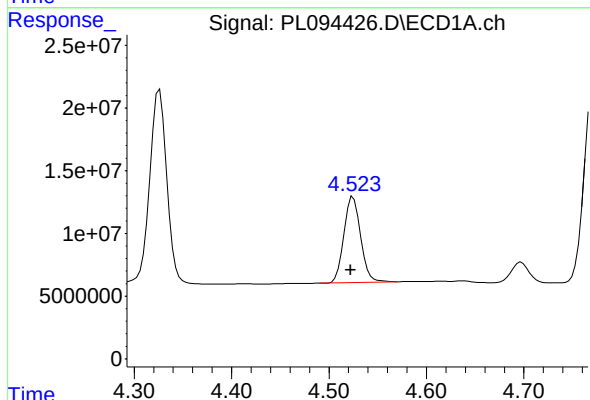
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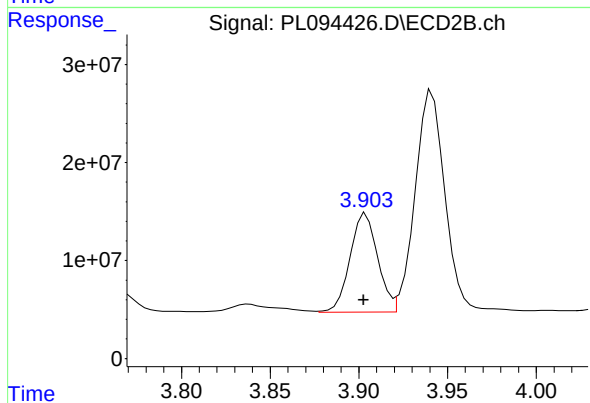
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 241314417
Conc: 52.23 ng/ml



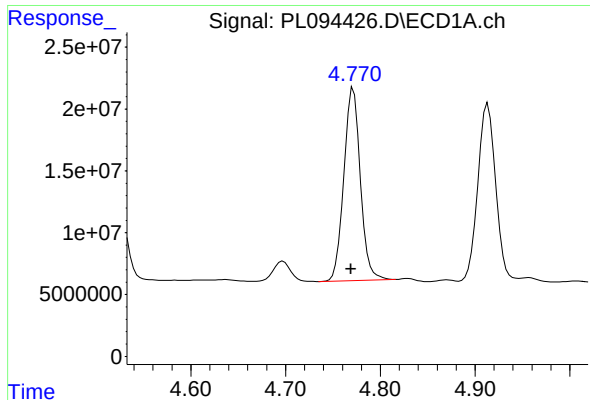
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 81535572
Conc: 51.06 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 109511226
Conc: 55.06 ng/ml



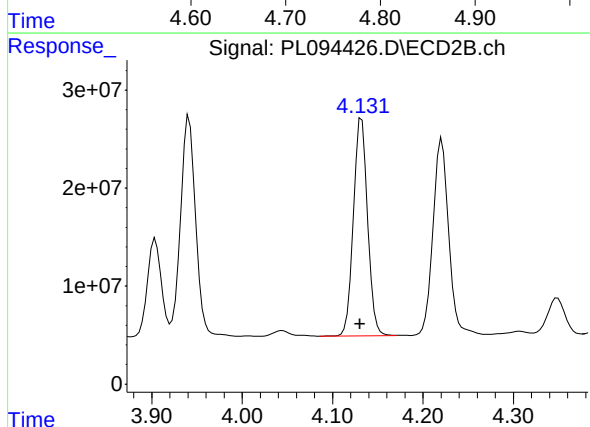
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.002 min
Response: 188418674
Conc: 53.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

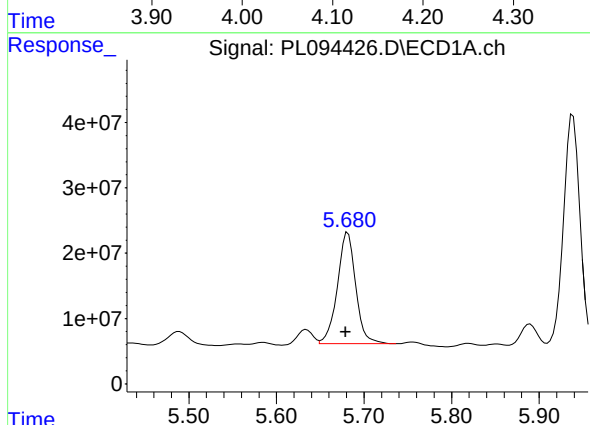
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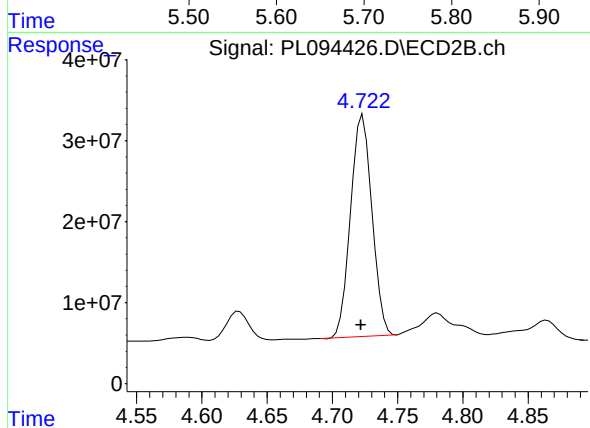
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 242243192
Conc: 51.15 ng/ml



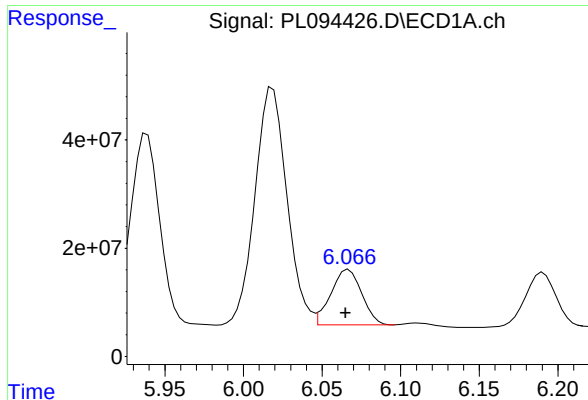
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: 0.001 min
Response: 247818934
Conc: 82.24 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.001 min
Response: 312155016
Conc: 73.36 ng/ml



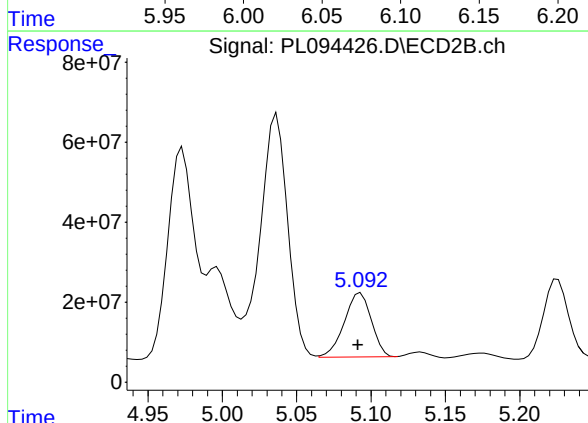
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 140422724
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

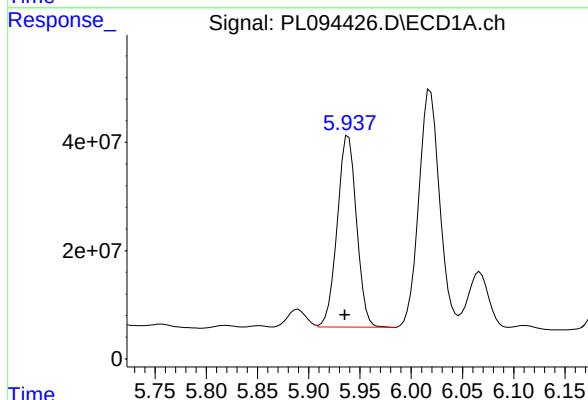
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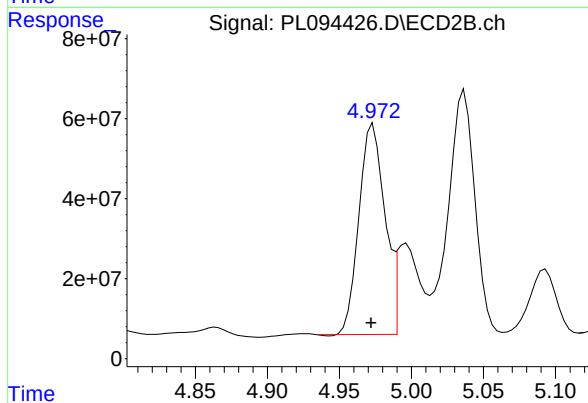
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 203048701
Conc: 50.93 ng/ml



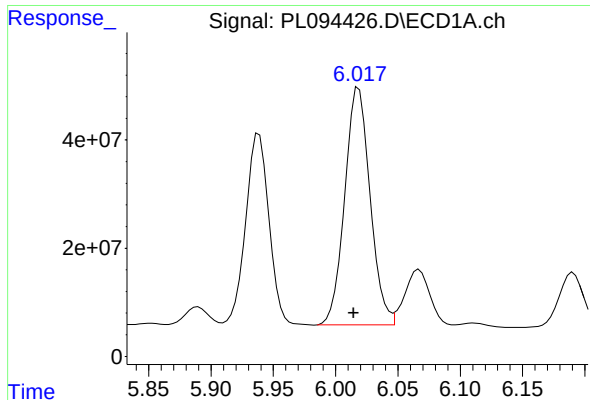
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.003 min
Response: 463003837
Conc: 157.69 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 657338649
Conc: 151.50 ng/ml



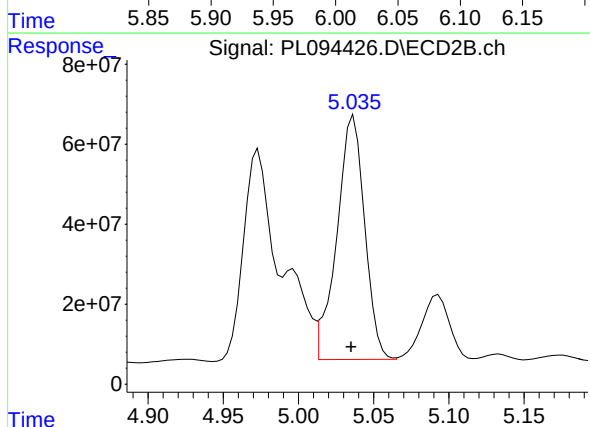
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.004 min
Response: 620660334
Conc: 214.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

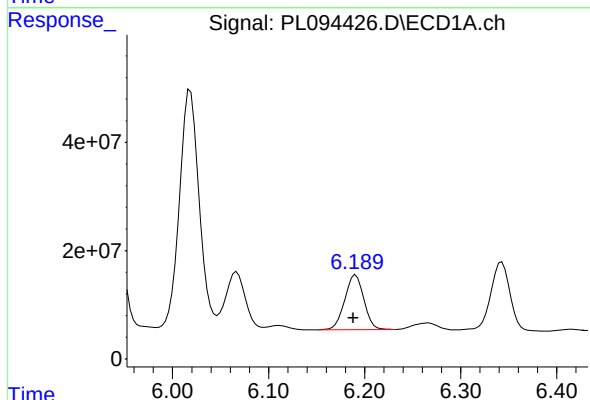
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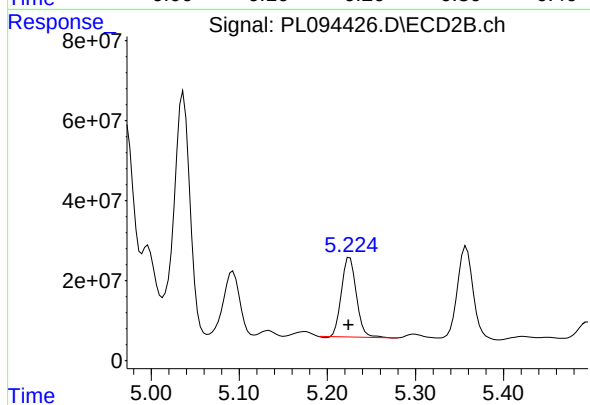
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.001 min
Response: 785169833
Conc: 181.85 ng/ml



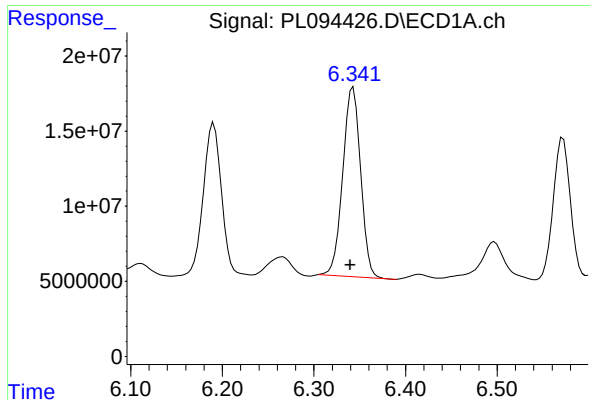
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.003 min
Response: 139196529
Conc: 53.30 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.002 min
Response: 233512742
Conc: 55.60 ng/ml



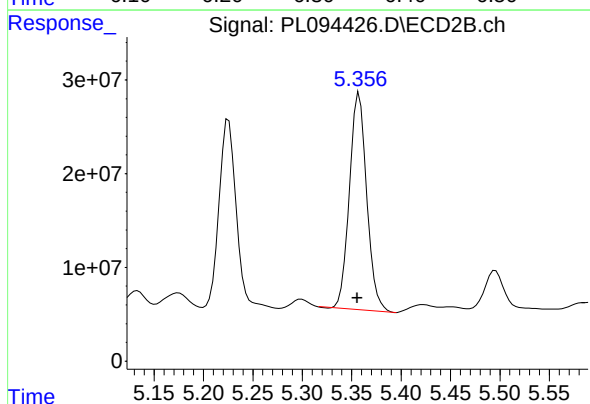
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 171285615
Conc: 60.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

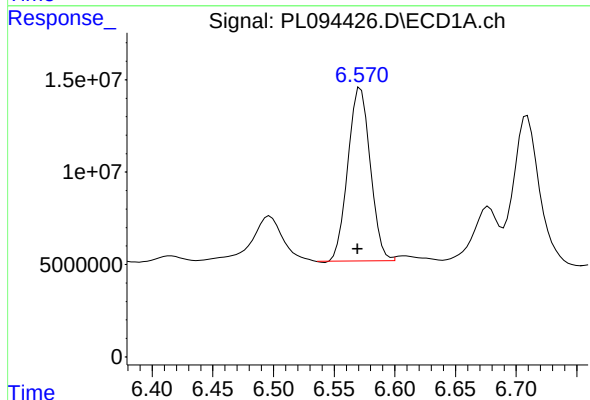
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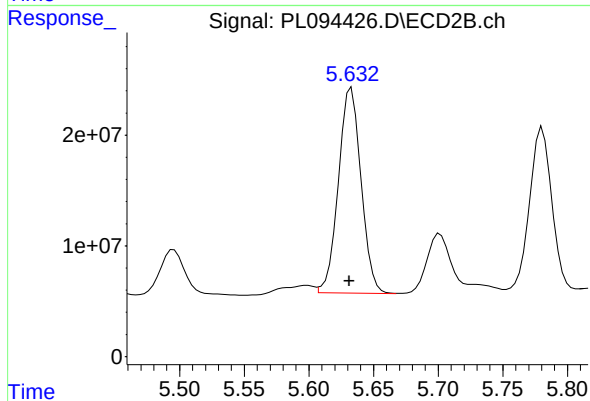
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.002 min
Response: 281649653
Conc: 64.28 ng/ml



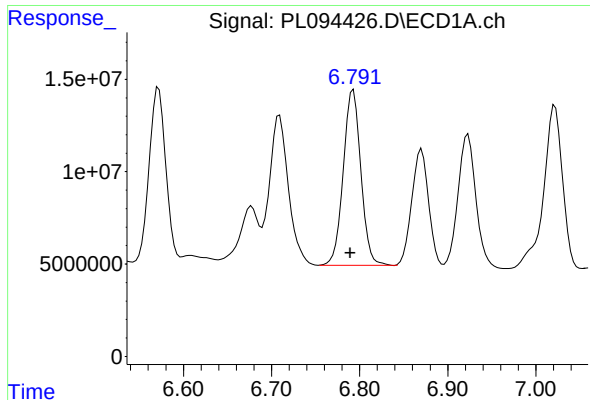
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 120485723
Conc: 47.21 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 225345901
Conc: 66.19 ng/ml m



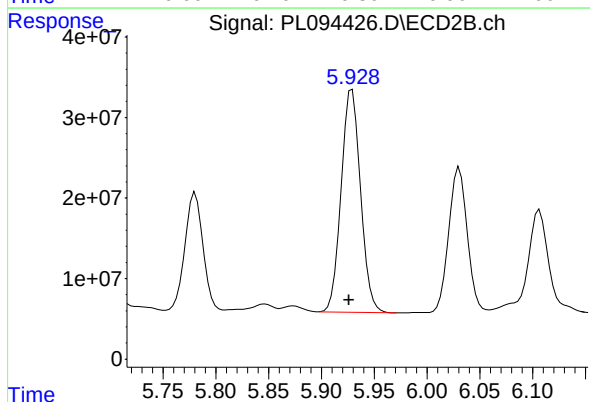
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 129318386
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

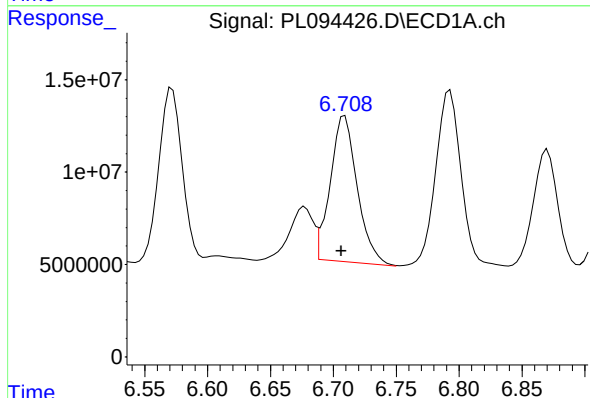
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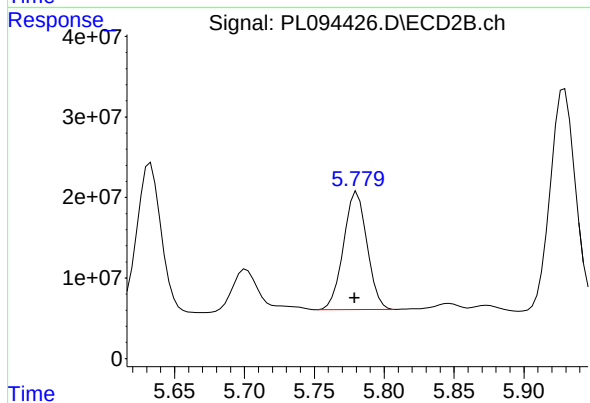
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: 0.003 min
Response: 352974224
Conc: 94.39 ng/ml



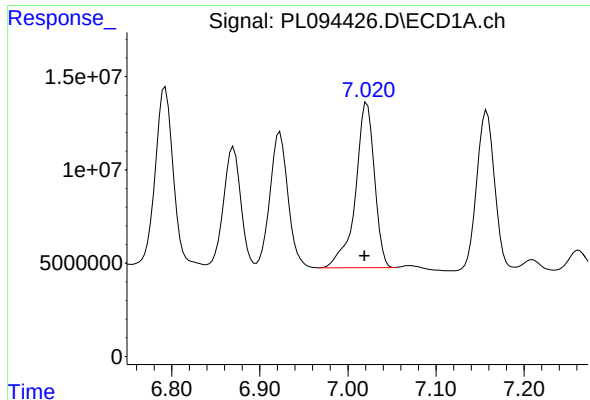
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 116211236
Conc: 62.83 ng/ml m



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 171626773
Conc: 53.88 ng/ml m



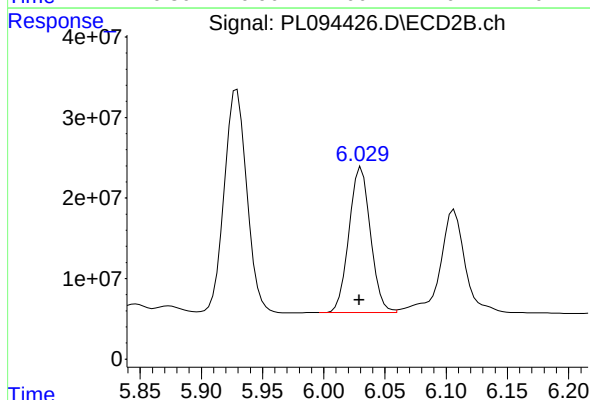
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 132232030
Conc: 62.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

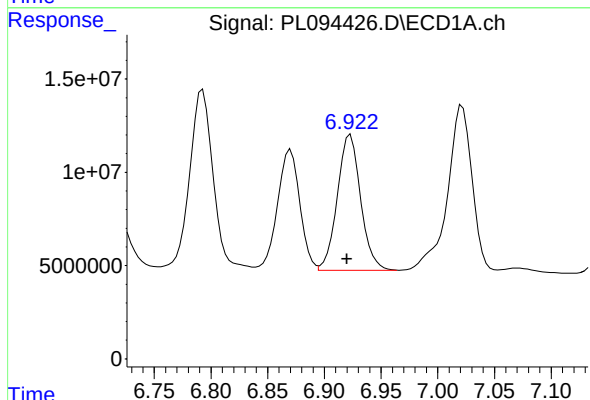
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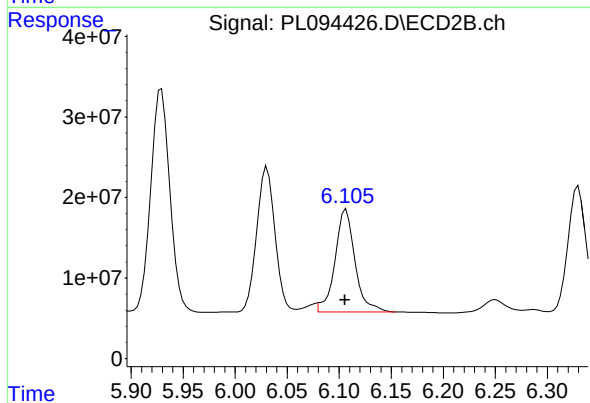
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 220484126
Conc: 61.99 ng/ml



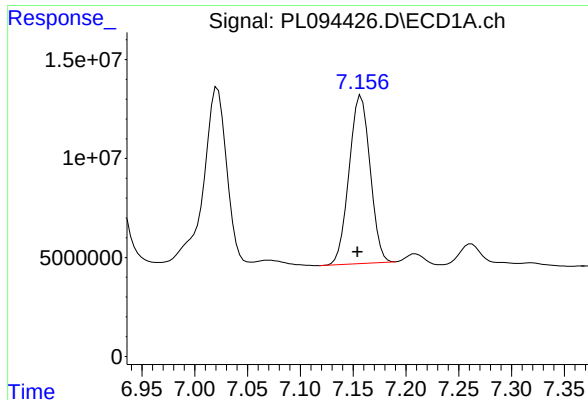
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 103983962
Conc: 53.41 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 170509904
Conc: 53.95 ng/ml m



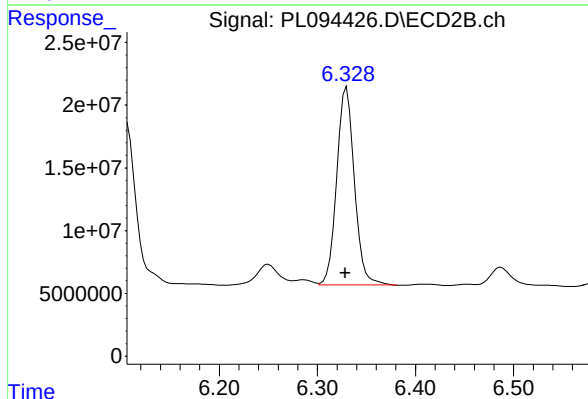
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.003 min
Response: 117600470
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

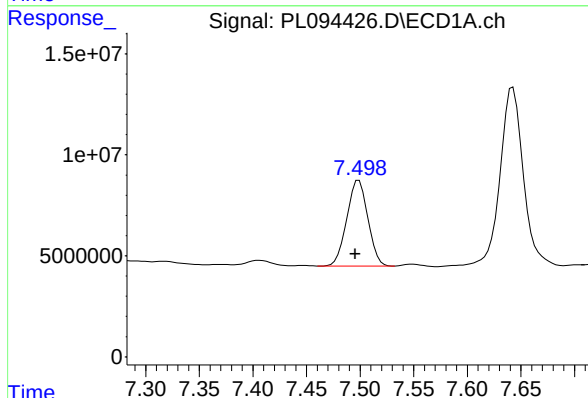
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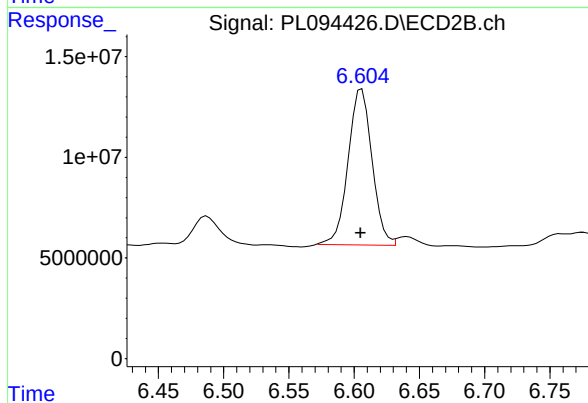
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.001 min
Response: 197298713
Conc: 53.42 ng/ml



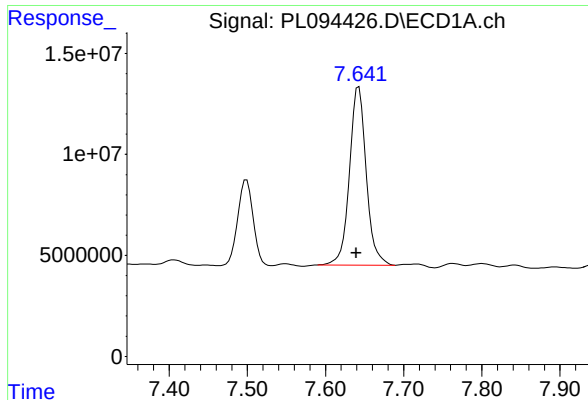
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.003 min
Response: 58108418
Conc: 52.30 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 98794501
Conc: 50.64 ng/ml



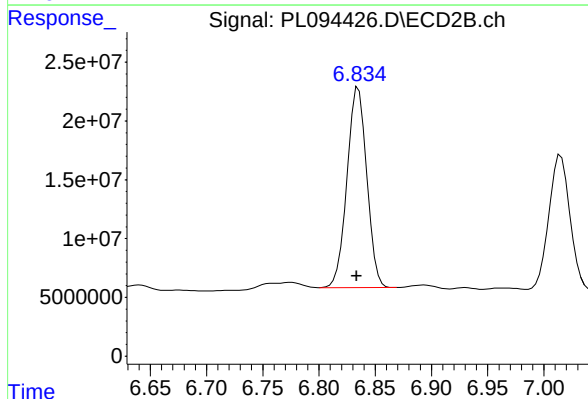
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.002 min
Response: 131572774
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

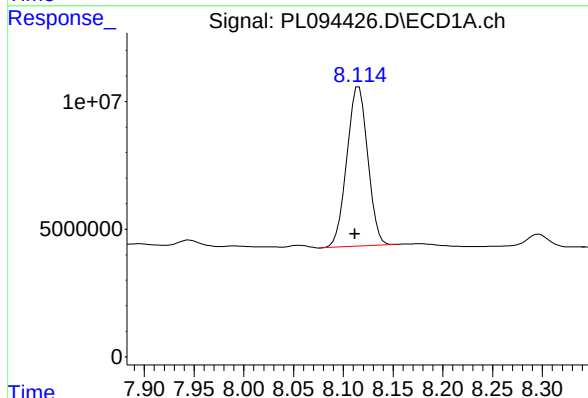
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Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



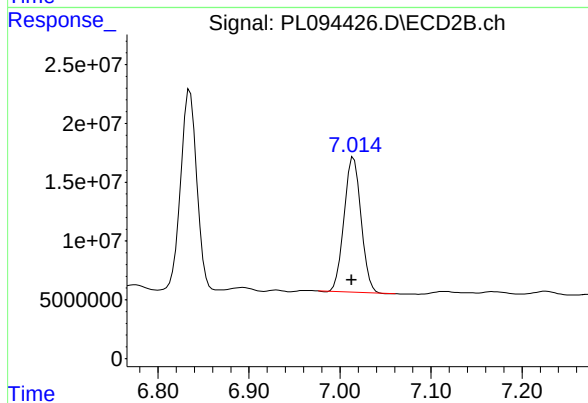
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 208544274
Conc: 48.87 ng/ml



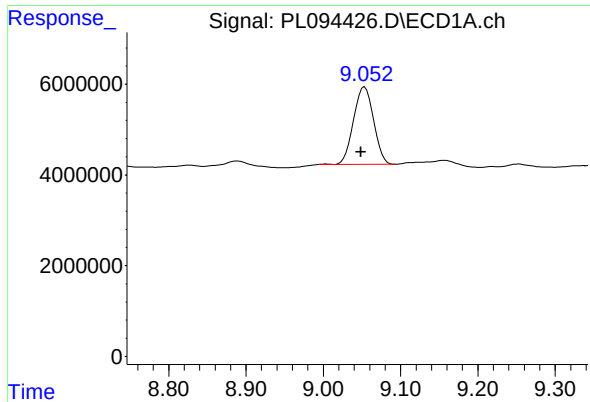
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.004 min
Response: 91321083
Conc: 44.26 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.002 min
Response: 148496044
Conc: 42.59 ng/ml



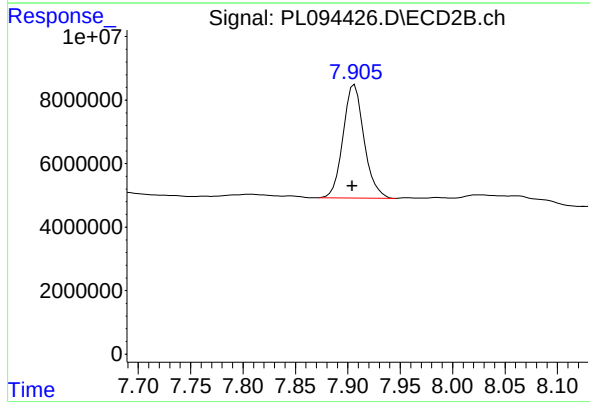
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.005 min
Response: 30797640
Conc: 14.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
351MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.002 min
Response: 49851240
Conc: 12.96 ng/ml