

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031025\
 Data File : PL094561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2025 15:00
 Operator : AR\AJ
 Sample : Q1524-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11930-343-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/11/2025
 Supervised By :Ankita Jodhani 03/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 01:09:58 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	2.772	50971342	60763509	20.075m	19.041
28) SA Decachlor...	9.055	7.908	36901963	59185213	17.347m	15.390
Target Compounds						
2) A alpha-BHC	3.994	3.273	181.5E6	237.1E6	47.983m	48.242m
3) MA gamma-BHC...	4.328	3.605	175.7E6	227.2E6	47.561	48.235
4) MA Heptachlor	4.915	3.943	169.2E6	232.5E6	49.907	49.263
5) MB Aldrin	5.256	4.222	169.1E6	220.2E6	49.269m	47.655
6) B beta-BHC	4.525	3.905	84878789	101.1E6	53.152m	50.806
7) B delta-BHC	4.774	4.134	177.8E6	228.8E6	50.264	48.309
8) B Heptachlo...	5.684	4.725	149.6E6	209.2E6	49.640	49.157
9) A Endosulfan I	6.070	5.093	134.9E6	189.5E6	49.067	47.531m
10) B gamma-Chl...	5.940	4.975	158.9E6	242.8E6	54.107	55.970
11) B alpha-Chl...	6.020	5.038	163.2E6	231.6E6	56.322	53.639
12) B 4,4'-DDE	6.193	5.227	132.0E6	219.8E6	50.531	52.340
13) MA Dieldrin	6.344	5.358	143.6E6	236.2E6	50.399	53.911
14) MA Endrin	6.574	5.634	117.0E6	199.4E6	45.856m	58.563 #
15) B Endosulfa...	6.795	5.930	117.3E6	202.5E6	46.586	54.156
16) A 4,4'-DDD	6.709	5.781	107.3E6	173.7E6	58.026m	54.526m
17) MA 4,4'-DDT	7.024	6.032	108.9E6	187.2E6	51.879	52.616
18) B Endrin al...	6.924	6.109	91931587	151.8E6	47.222m	48.019
19) B Endosulfa...	7.160	6.331	108.9E6	185.7E6	48.117	50.268
20) A Methoxychlor	7.501	6.607	53397601	92942847	48.061	47.638
21) B Endrin ke...	7.646	6.836	118.6E6	209.8E6	47.310	49.153m
22) Mirex	8.118	7.016	86479157	158.3E6	41.913	45.392

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031025\
Data File : PL094561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2025 15:00
Operator : AR\AJ
Sample : Q1524-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

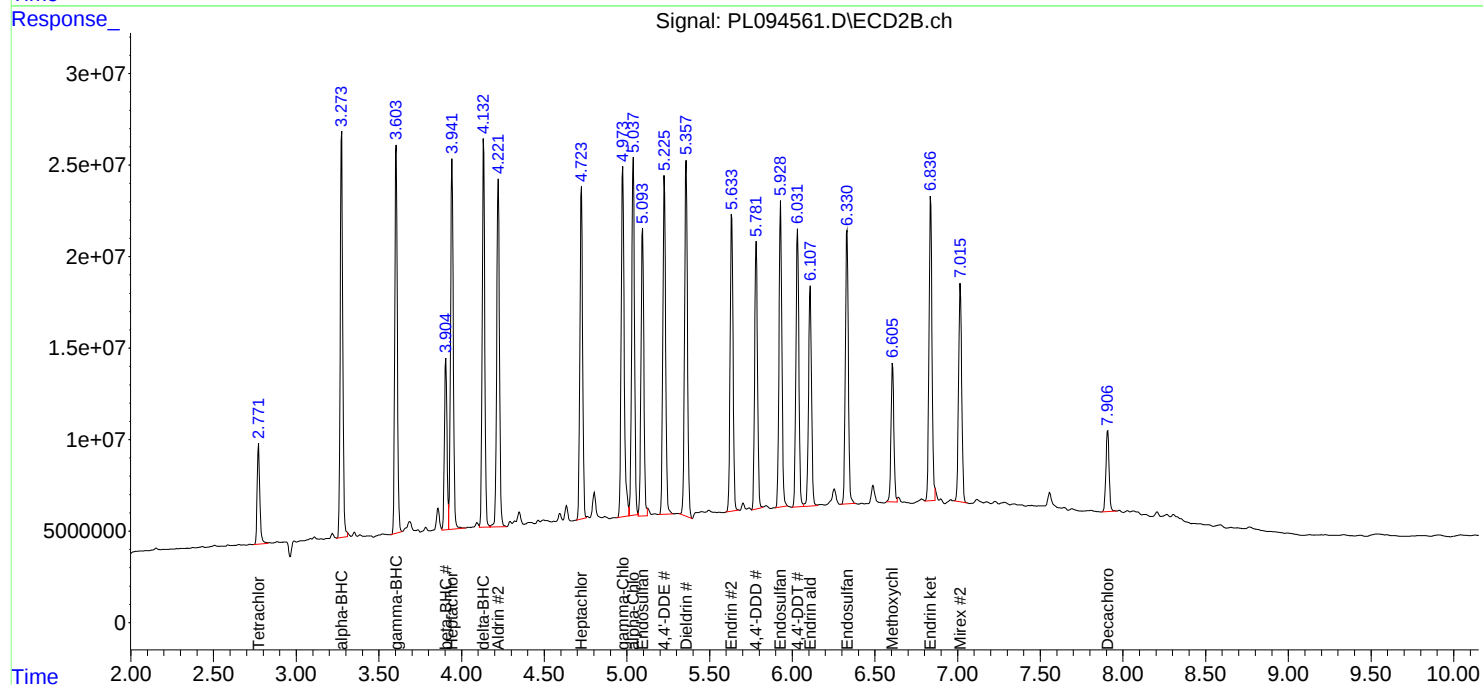
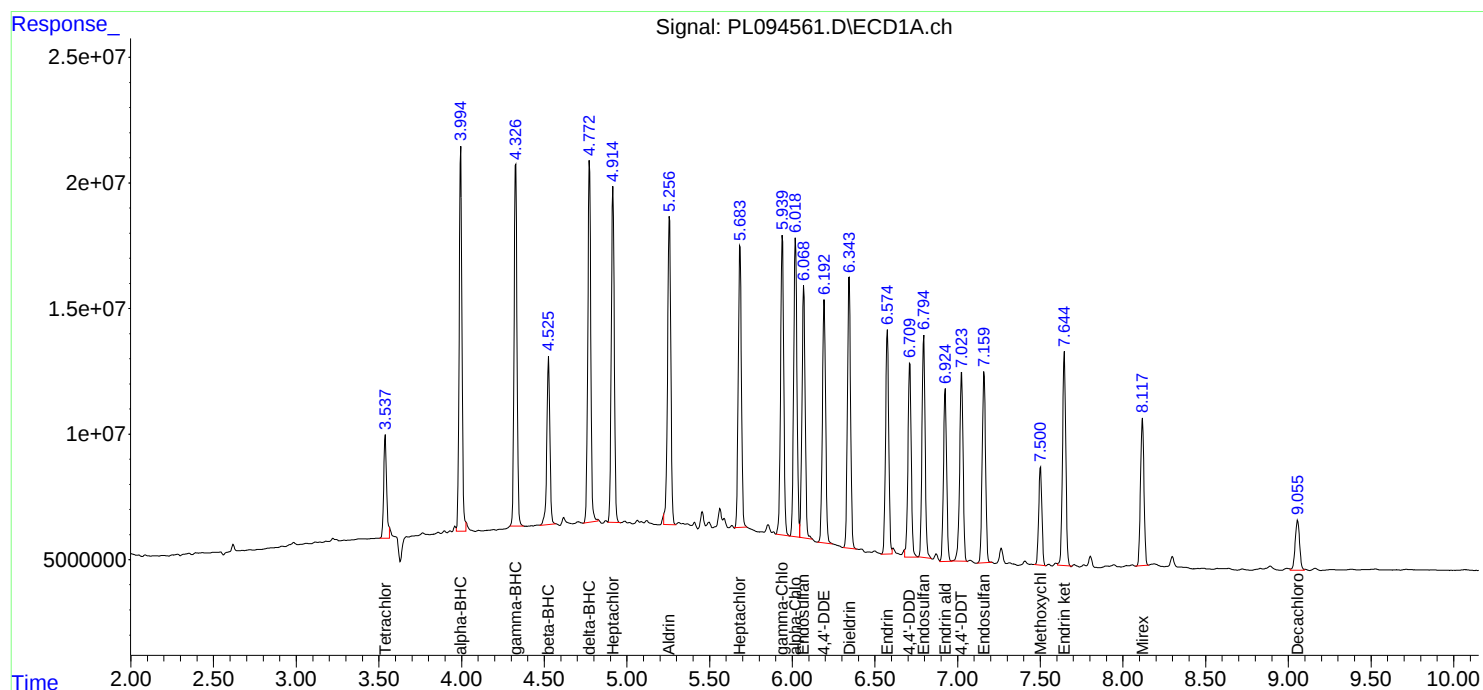
Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

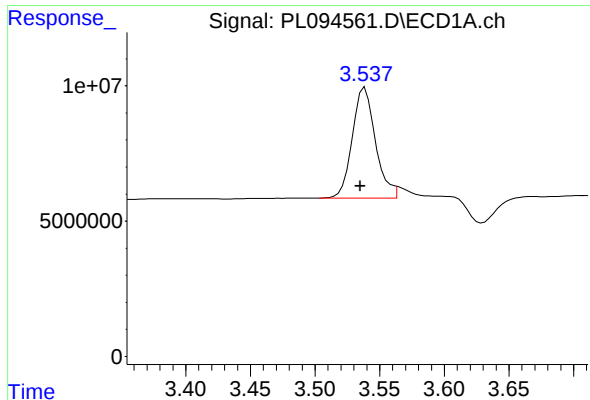
Manual Integrations
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Supervised By :Ankita Jodhani 03/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 01:09:58 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





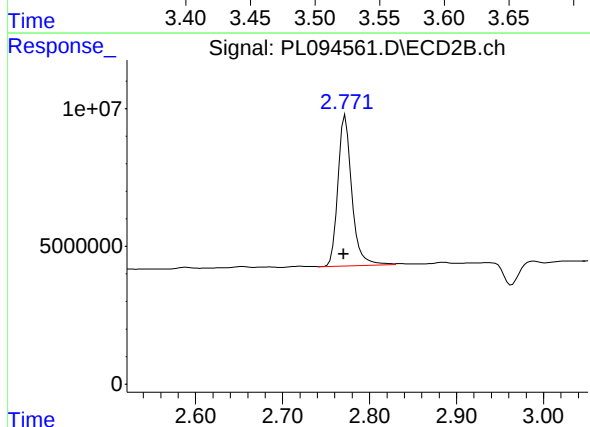
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 50971342
Conc: 20.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

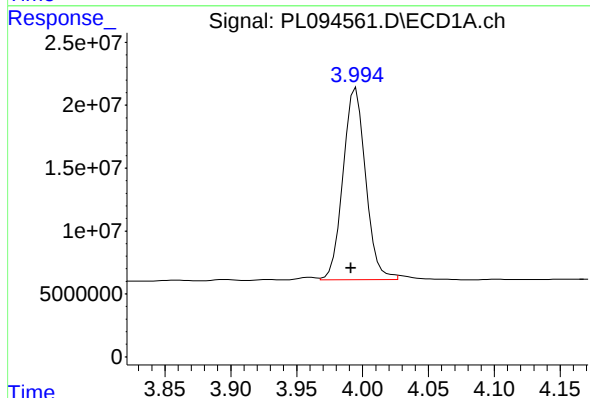
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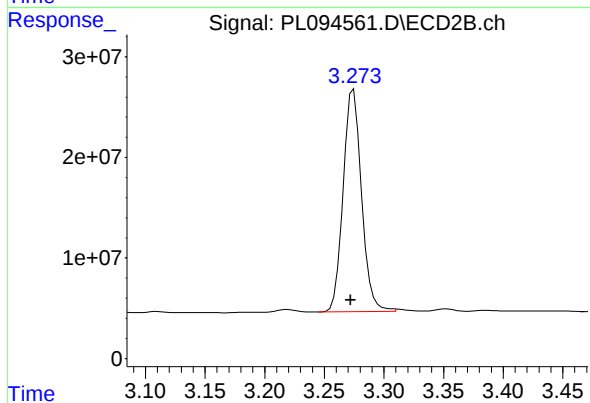
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 60763509
Conc: 19.04 ng/ml



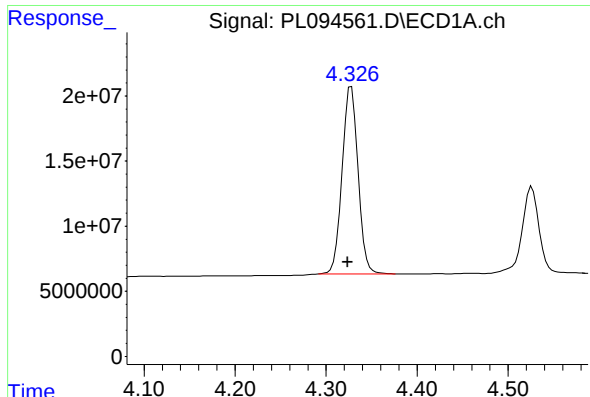
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 181503737
Conc: 47.98 ng/ml m



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 237098084
Conc: 48.24 ng/ml m



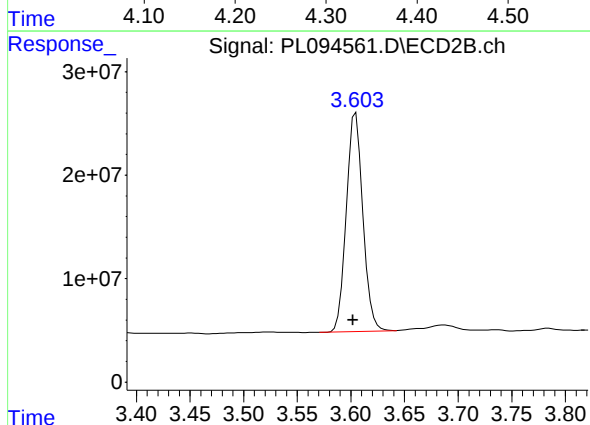
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.004 min
Response: 175725879
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

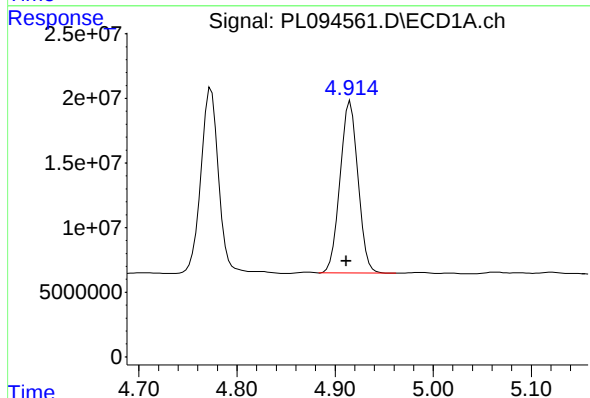
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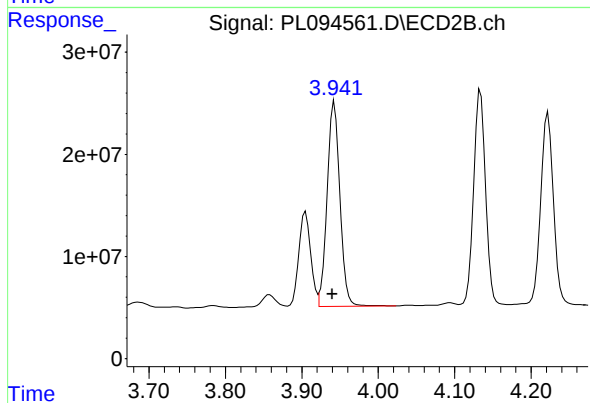
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.003 min
Response: 227184415
Conc: 48.24 ng/ml



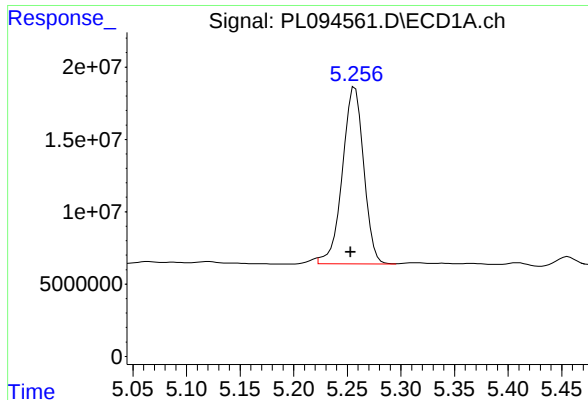
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.004 min
Response: 169201928
Conc: 49.91 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.003 min
Response: 232535879
Conc: 49.26 ng/ml



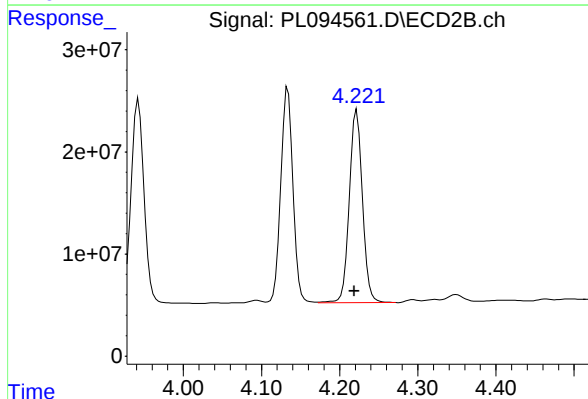
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.003 min
Response: 169078154
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

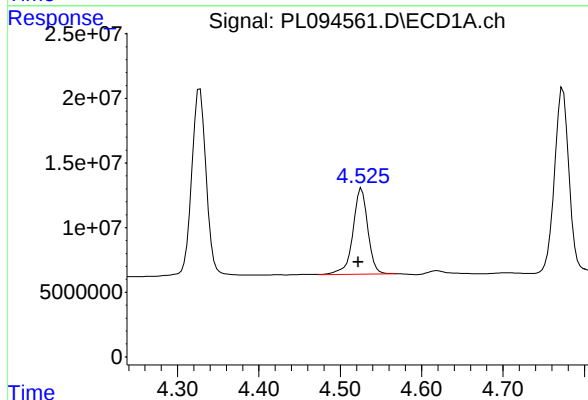
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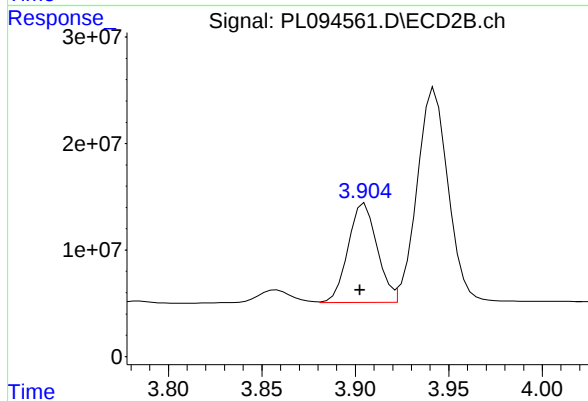
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.003 min
Response: 220184783
Conc: 47.66 ng/ml



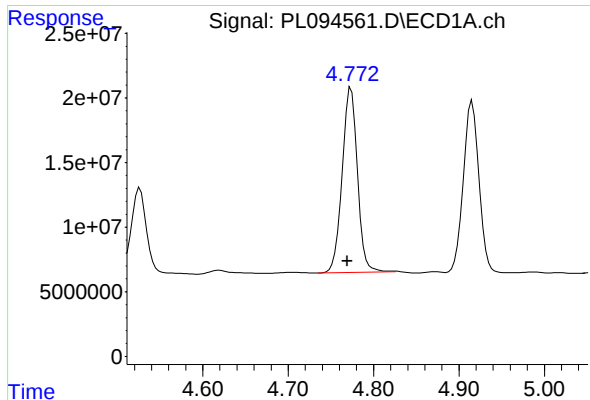
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 84878789
Conc: 53.15 ng/ml m



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.002 min
Response: 101050155
Conc: 50.81 ng/ml



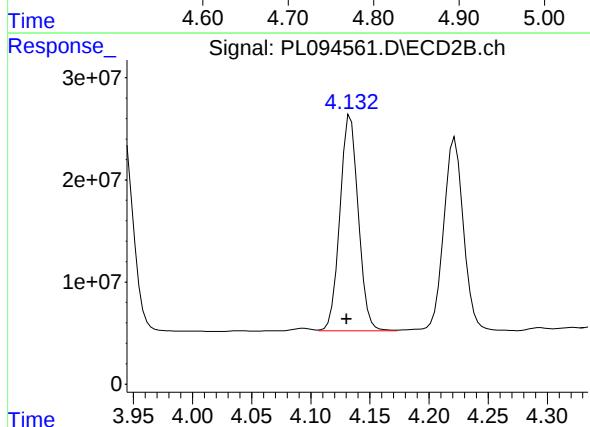
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.004 min
Response: 177848266
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

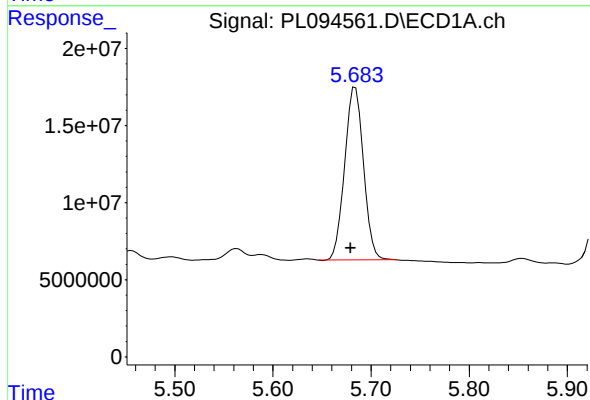
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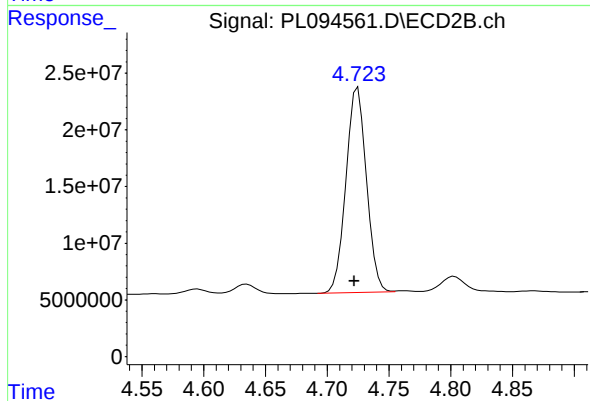
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: 0.003 min
Response: 228777147
Conc: 48.31 ng/ml



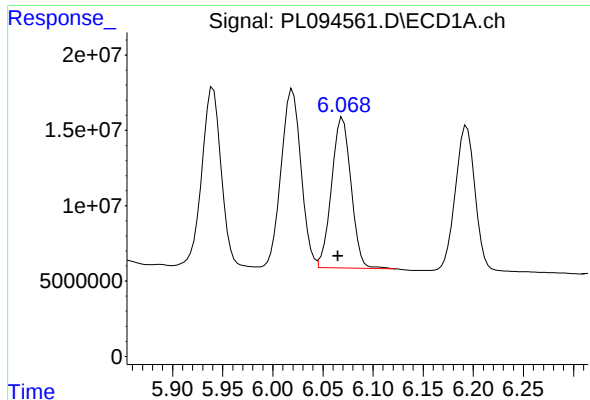
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.005 min
Response: 149585408
Conc: 49.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: 0.003 min
Response: 209181079
Conc: 49.16 ng/ml



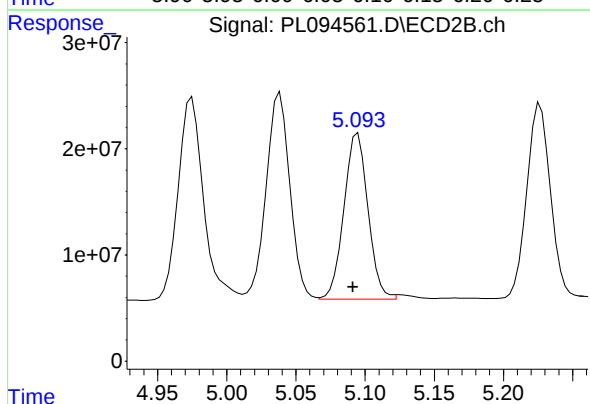
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.005 min
Response: 134866913
Conc: 49.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

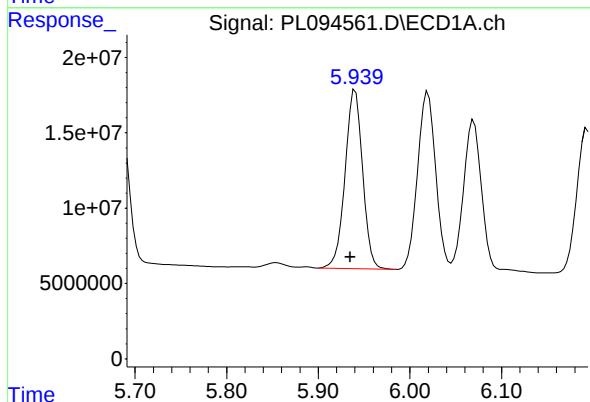
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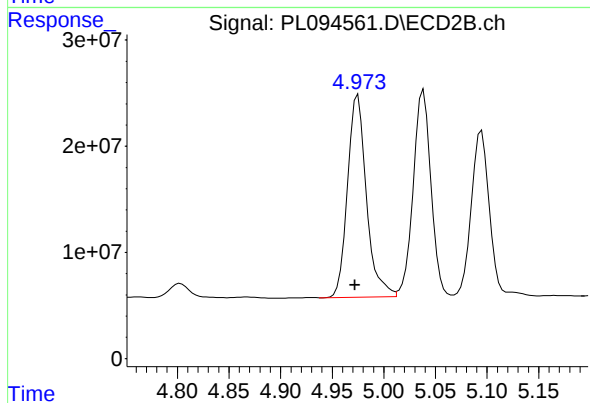
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 189485052
Conc: 47.53 ng/ml



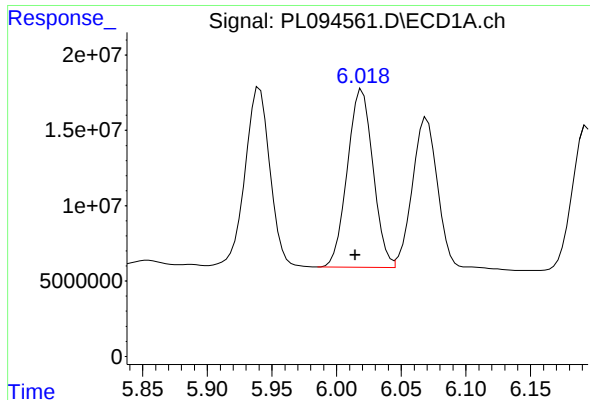
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.005 min
Response: 158864798
Conc: 54.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: 0.003 min
Response: 242842952
Conc: 55.97 ng/ml



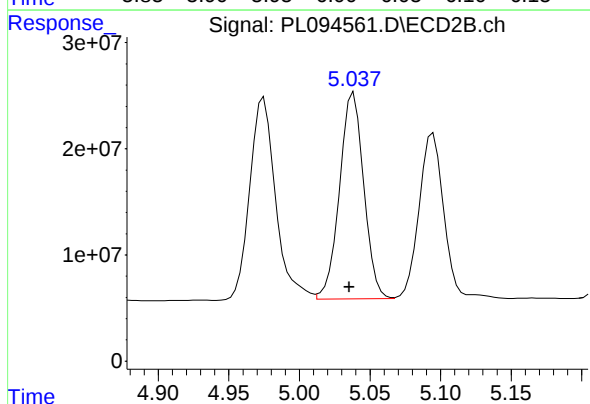
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.005 min
Response: 163169682
Conc: 56.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

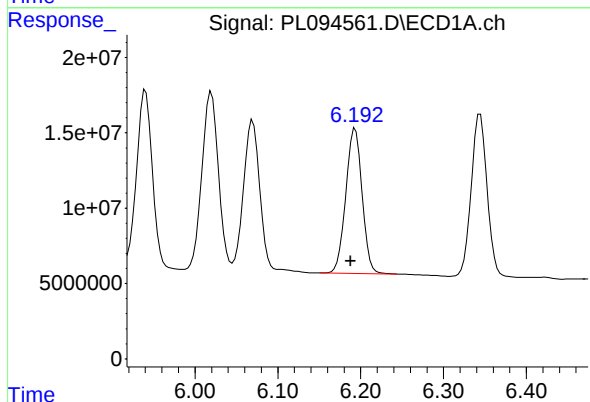
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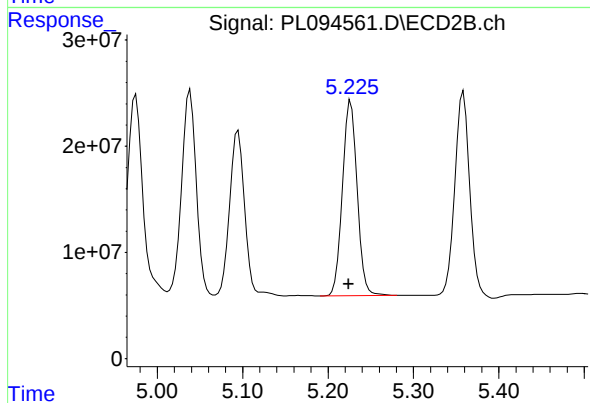
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.003 min
Response: 231593165
Conc: 53.64 ng/ml



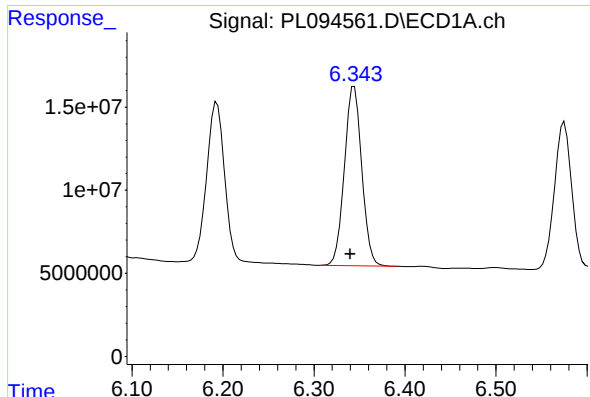
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.005 min
Response: 131972847
Conc: 50.53 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.003 min
Response: 219827329
Conc: 52.34 ng/ml



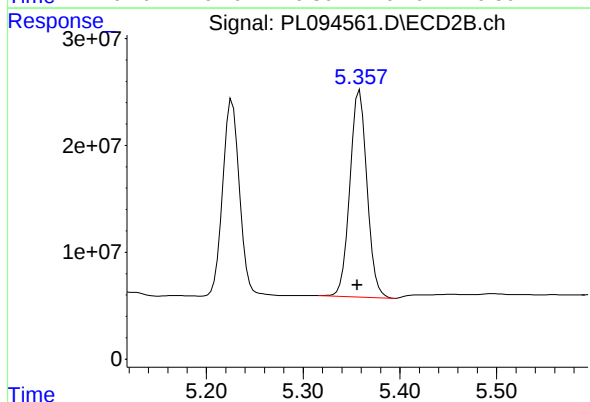
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.004 min
Response: 143589045
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

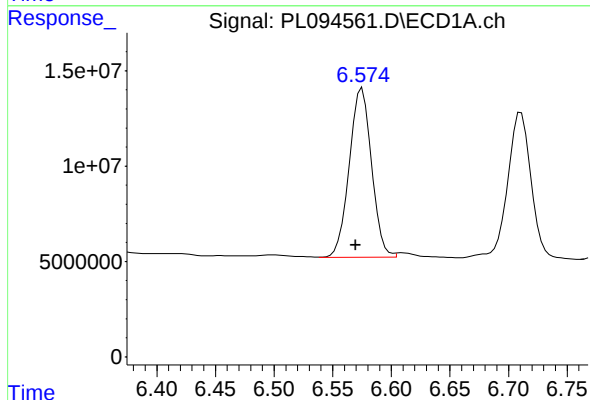
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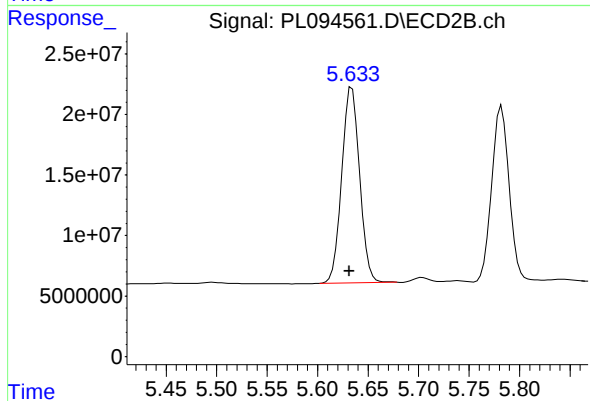
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: 0.003 min
Response: 236226876
Conc: 53.91 ng/ml



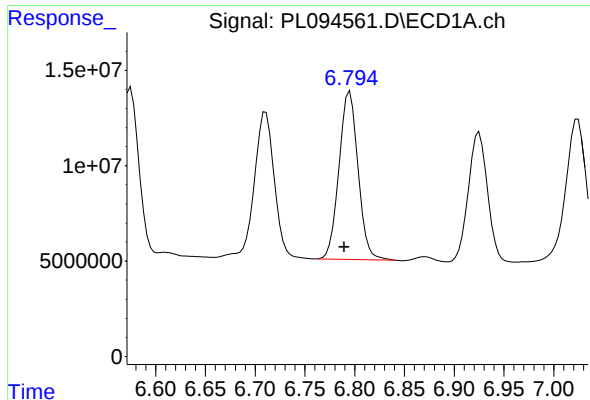
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.004 min
Response: 117037442
Conc: 45.86 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.003 min
Response: 199390228
Conc: 58.56 ng/ml



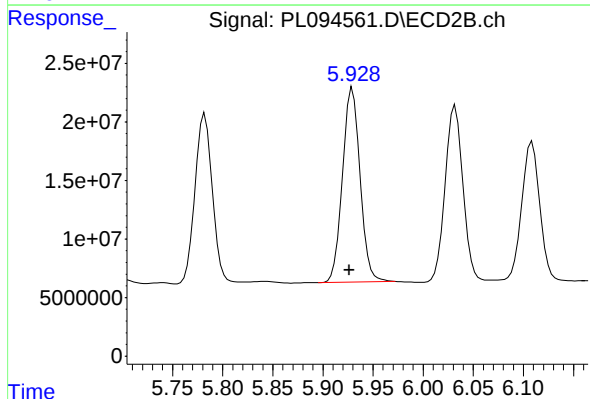
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.006 min
Response: 117268077
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

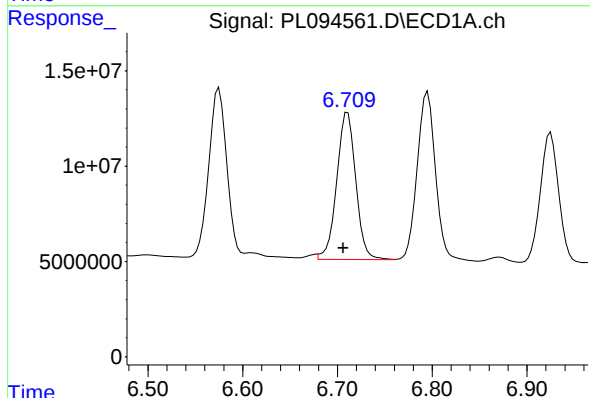
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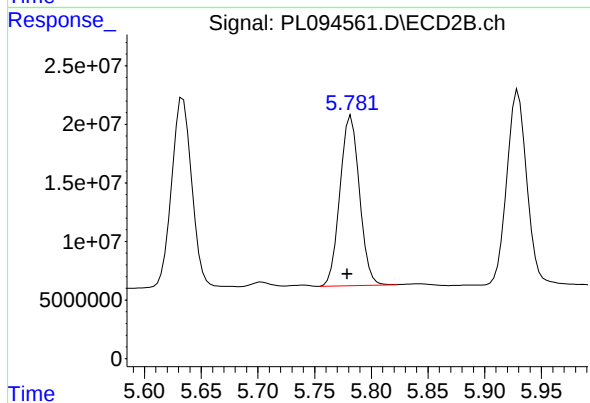
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: 0.003 min
Response: 202516846
Conc: 54.16 ng/ml



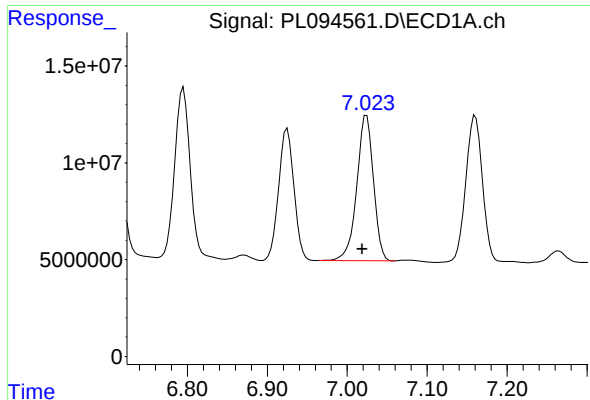
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 107333234
Conc: 58.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 173683890
Conc: 54.53 ng/ml m



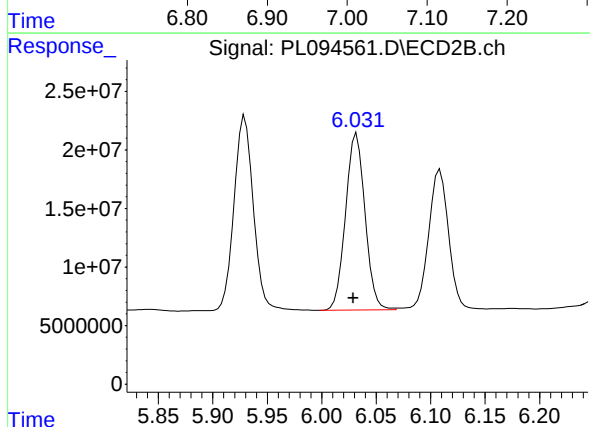
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.005 min
Response: 108947333
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

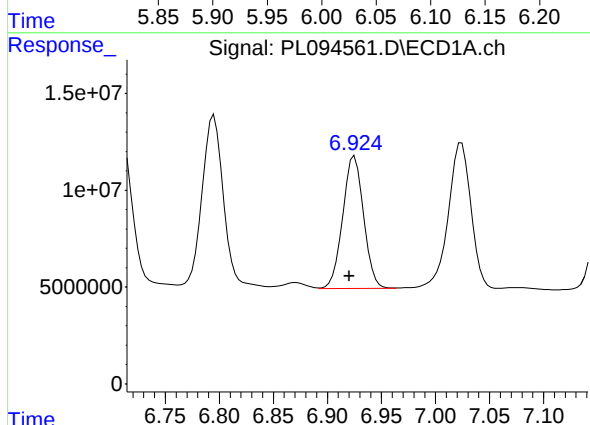
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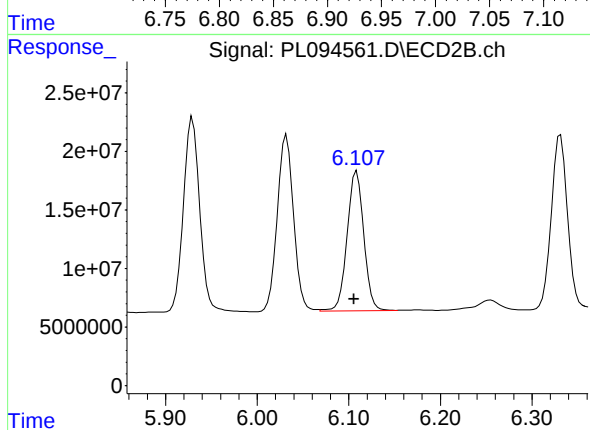
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 187156463
Conc: 52.62 ng/ml



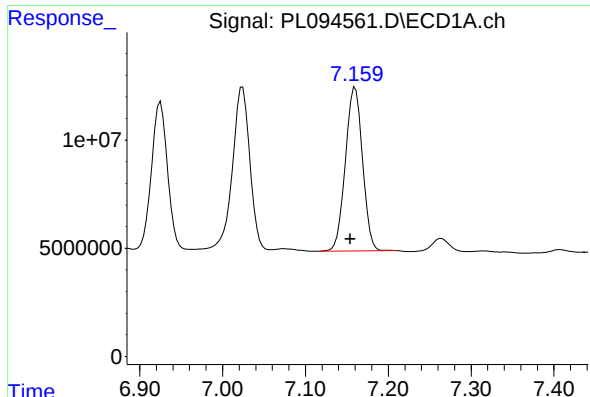
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.004 min
Response: 91931587
Conc: 47.22 ng/ml m



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.003 min
Response: 151760410
Conc: 48.02 ng/ml



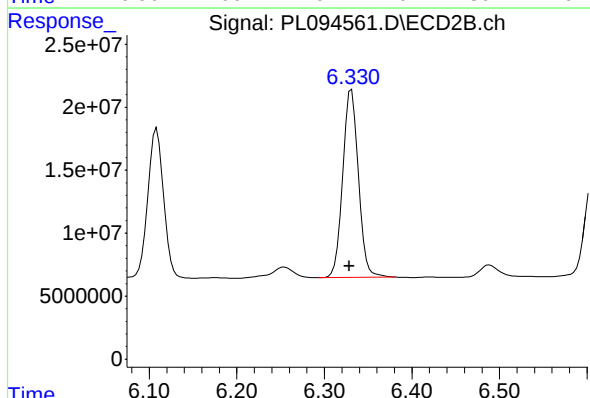
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.006 min
Response: 108929178
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

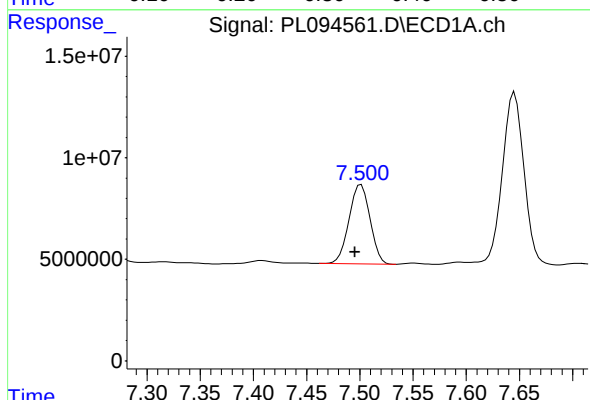
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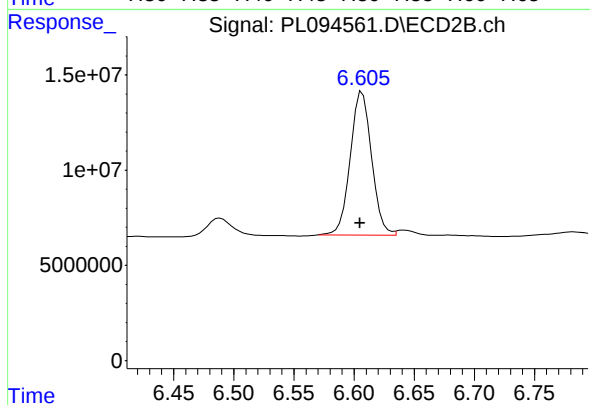
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: 0.003 min
Response: 185673657
Conc: 50.27 ng/ml



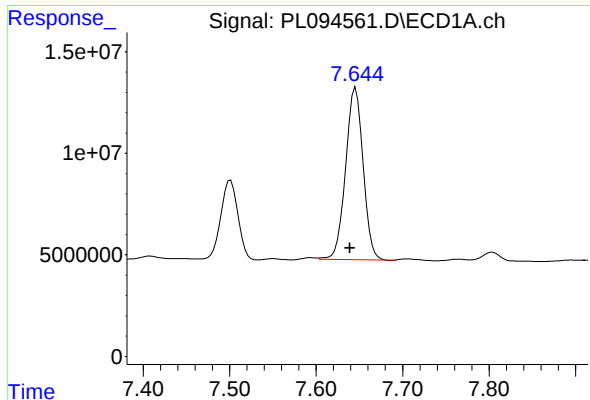
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.006 min
Response: 53397601
Conc: 48.06 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.002 min
Response: 92942847
Conc: 47.64 ng/ml



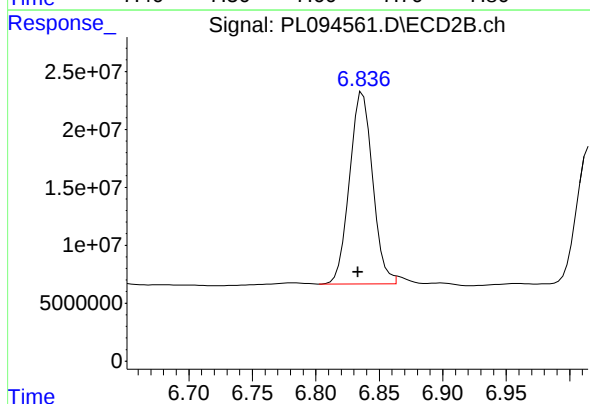
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.006 min
Response: 118602185
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

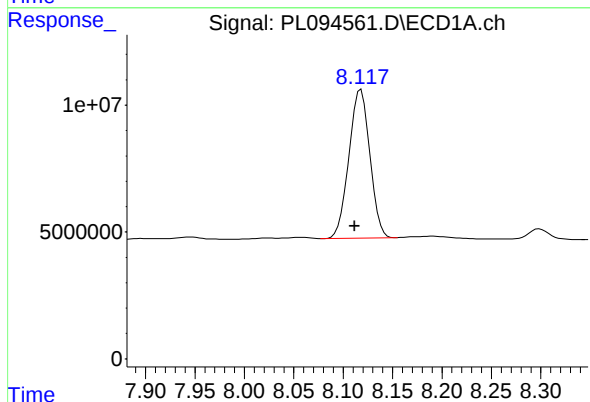
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025



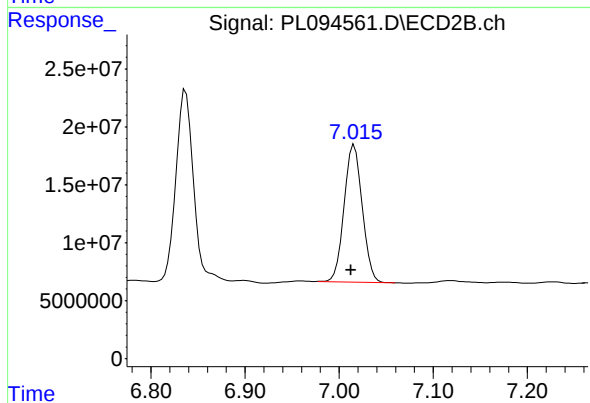
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 209762960
Conc: 49.15 ng/ml m



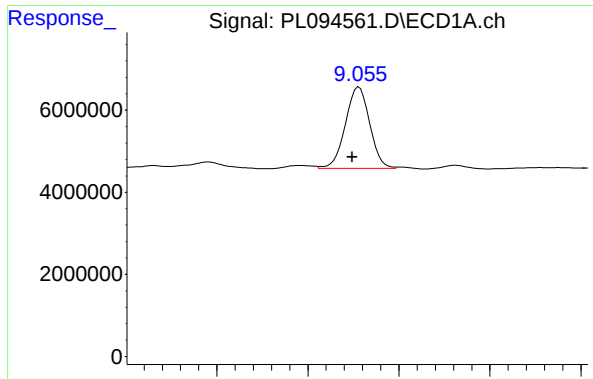
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.006 min
Response: 86479157
Conc: 41.91 ng/ml



#22 Mirex

R.T.: 7.016 min
Delta R.T.: 0.003 min
Response: 158284787
Conc: 45.39 ng/ml



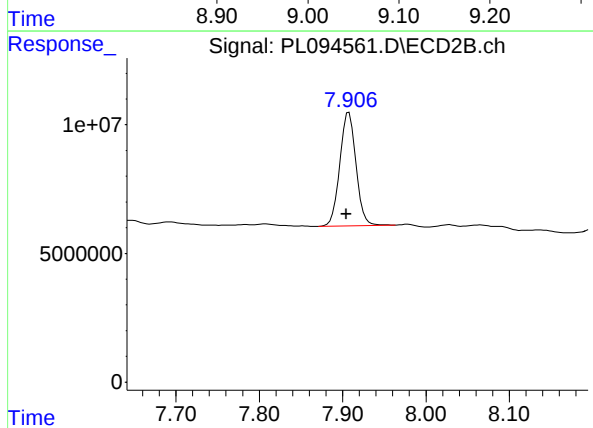
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.006 min
Response: 36901963
Conc: 17.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11930-343-COMPMSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/11/2025



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: 0.003 min
Response: 59185213
Conc: 15.39 ng/ml