

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020325\
 Data File : PL094031.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2025 01:06
 Operator : AR\AJ
 Sample : Q1269-01MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-231MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/04/2025
 Supervised By :Ankita Jodhani 02/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 05:12:12 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...	3.536	2.774	27374632	33298625	10.166m	10.201
28) SA Decachlor...	9.054	7.910	17260955	24044030	8.251m	6.862
Target Compounds						
2) A alpha-BHC	3.993	3.275	182.7E6	233.2E6	47.649m	47.690m
3) MA gamma-BHC...	4.325	3.606	176.0E6	220.9E6	47.789m	46.599
4) MA Heptachlor	4.915	3.945	154.3E6	217.2E6	47.094	46.655
5) MB Aldrin	5.257	4.224	150.2E6	210.9E6	45.915	46.225
6) B beta-BHC	4.526	3.906	73140600	98689073	45.505	49.408
7) B delta-BHC	4.773	4.135	170.3E6	220.1E6	48.579	46.320
8) B Heptachlo...	5.684	4.727	133.1E6	196.1E6	44.756	46.904
9) A Endosulfan I	6.070	5.097	119.2E6	158.2E6	45.110	40.800
10) B gamma-Chl...	5.940	4.977	139.8E6	212.6E6	50.160	50.164
11) B alpha-Chl...	6.019	5.041	136.1E6	201.3E6	48.807	48.088
12) B 4,4'-DDE	6.193	5.229	111.1E6	200.2E6	45.646	49.943
13) MA Dieldrin	6.345	5.360	126.6E6	204.8E6	45.623	47.668m
14) MA Endrin	6.573	5.636	106.8E6	177.2E6	45.565m	47.975
15) B Endosulfa...	6.794	5.931	109.0E6	176.9E6	45.228	47.770
16) A 4,4'-DDD	6.710	5.784	99516380	157.1E6	52.362	49.777
17) MA 4,4'-DDT	7.024	6.034	94117551	152.8E6	47.726	46.965
18) B Endrin al...	6.925	6.111	80700907	130.3E6	41.512	42.808
19) B Endosulfa...	7.159	6.334	100.4E6	161.6E6	44.341	45.310
20) A Methoxychlor	7.501	6.610	47187940	79917391	45.225	44.693
21) B Endrin ke...	7.643	6.839	109.2E6	176.9E6	43.282m	42.158
22) Mirex	8.117	7.019	81740379	134.0E6	39.251	39.631

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020325\
Data File : PL094031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Feb 2025 01:06
Operator : AR\AJ
Sample : Q1269-01MSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

VNJ-231MSD

Manual Integrations

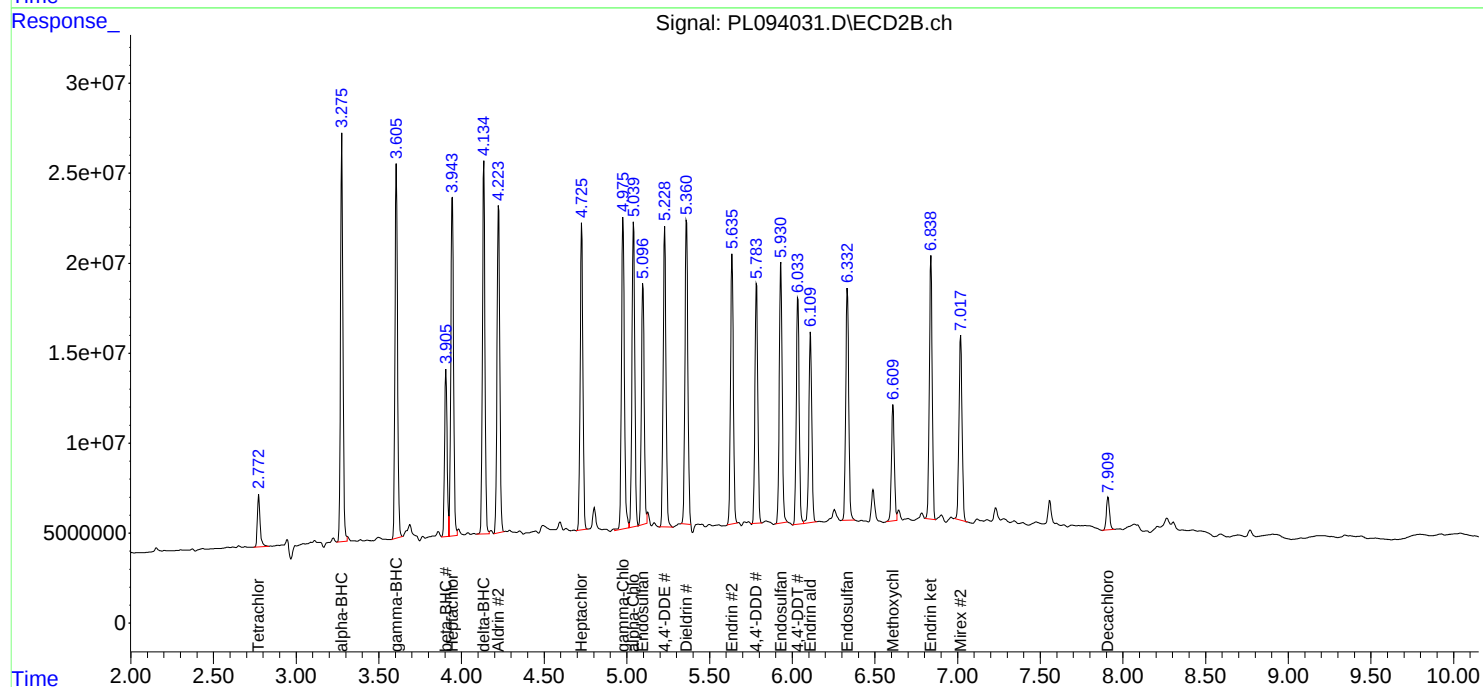
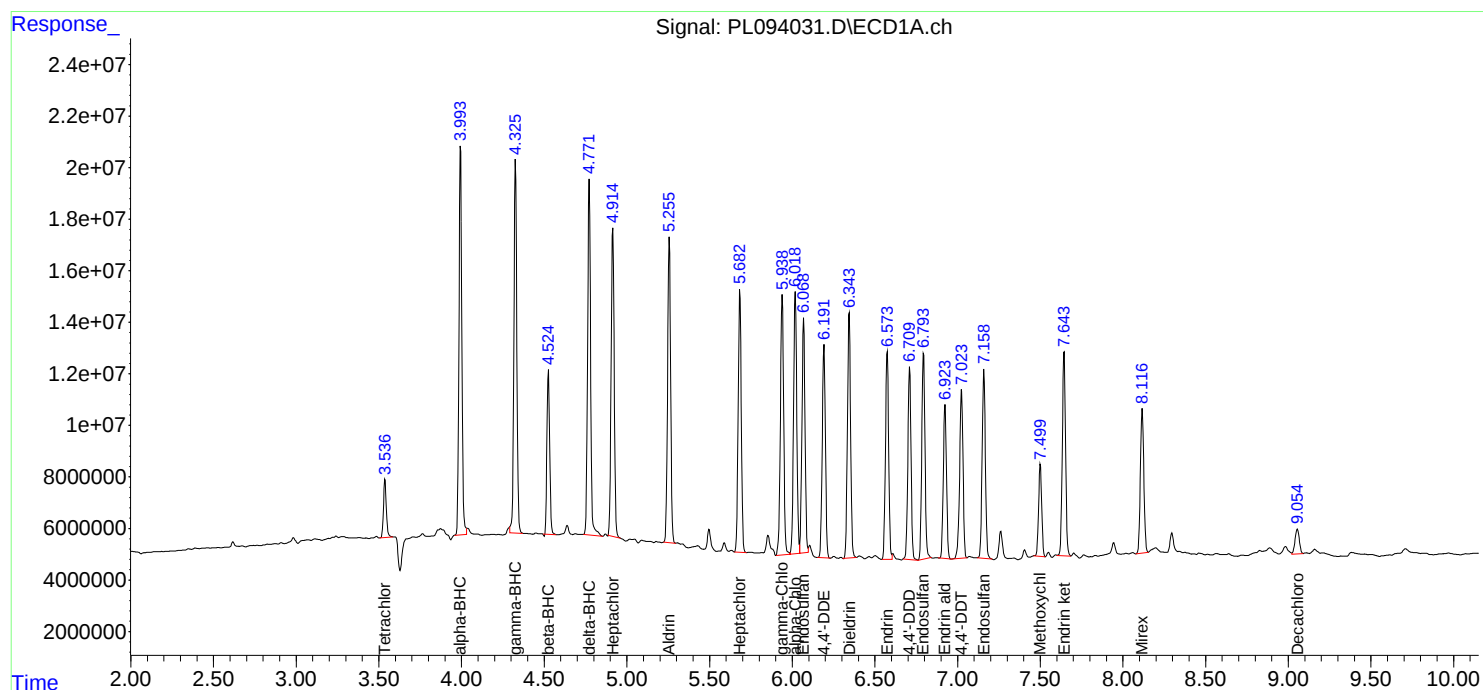
APPROVED

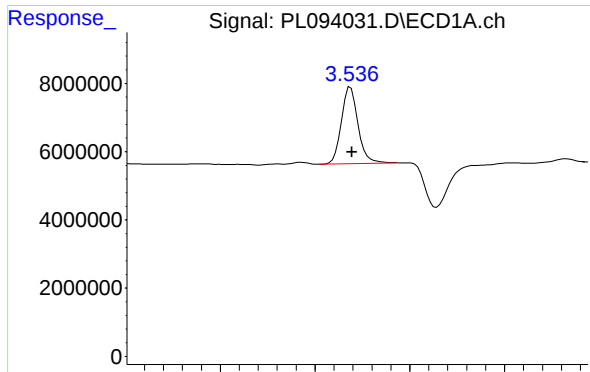
Reviewed By :Abdul Mirza 02/04/2025

Supervised By :Ankita Jodhani 02/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 05:12:12 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





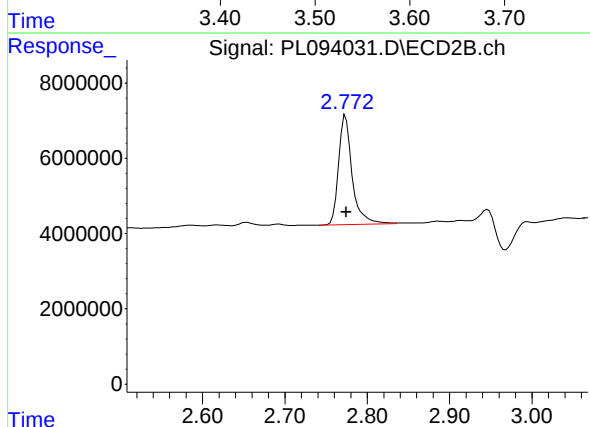
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 27374632
Conc: 10.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

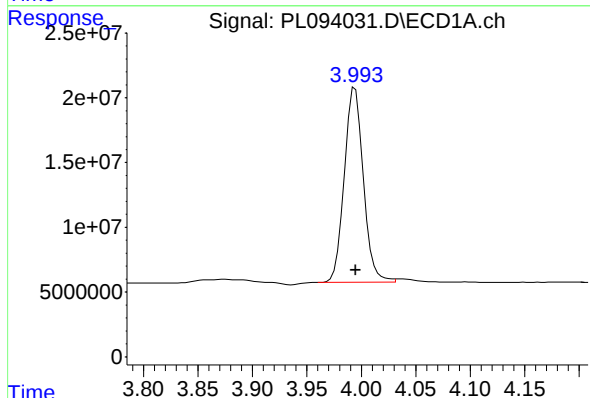
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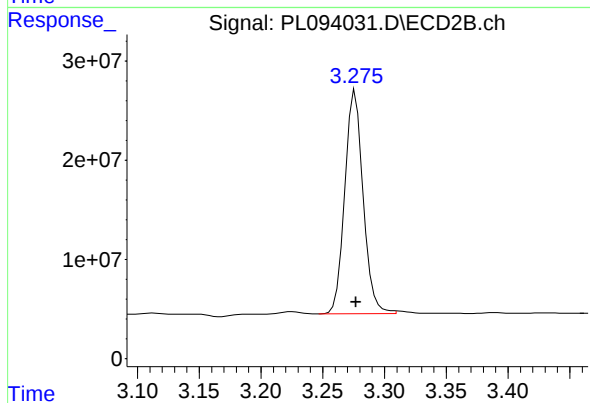
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 33298625
Conc: 10.20 ng/ml



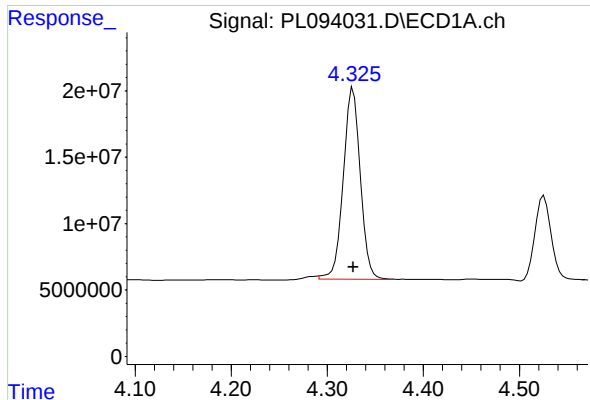
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 182680134
Conc: 47.65 ng/ml m



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 233155985
Conc: 47.69 ng/ml m



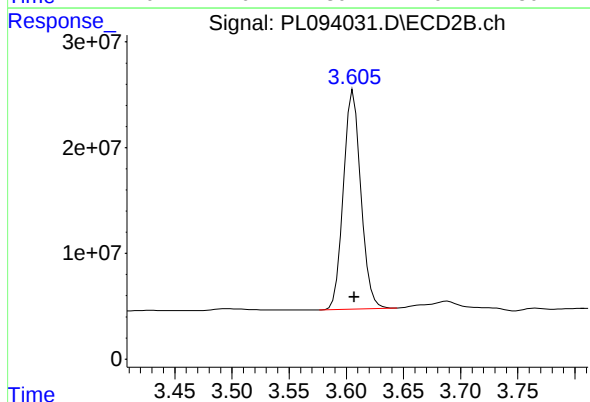
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 175999715
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

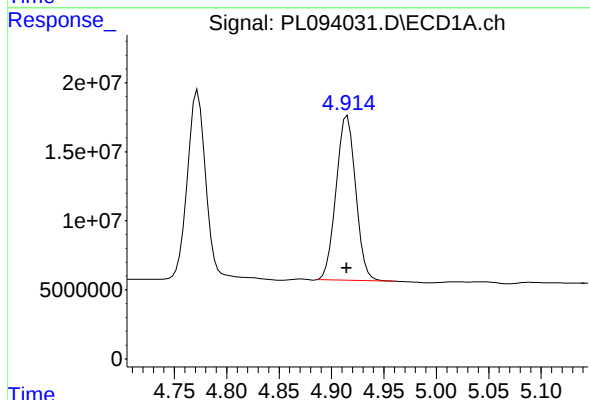
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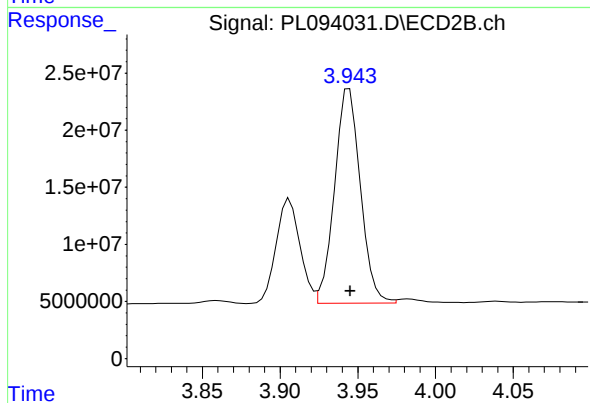
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 220936055
Conc: 46.60 ng/ml



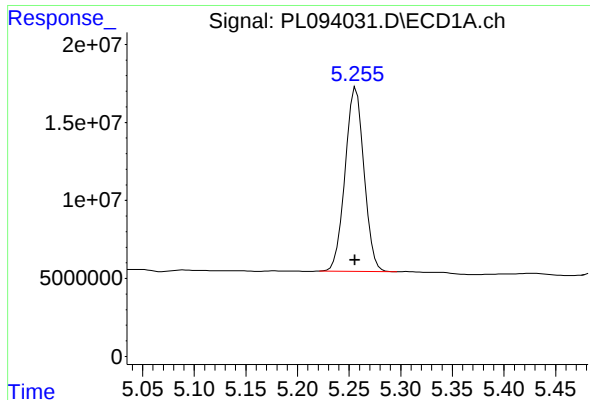
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 154342671
Conc: 47.09 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 217168135
Conc: 46.65 ng/ml



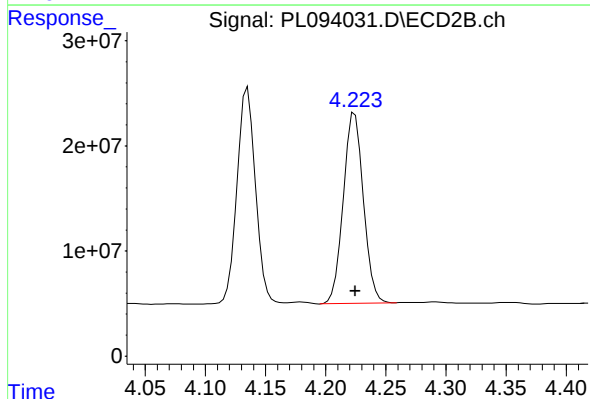
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 150233600
Conc: 45.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

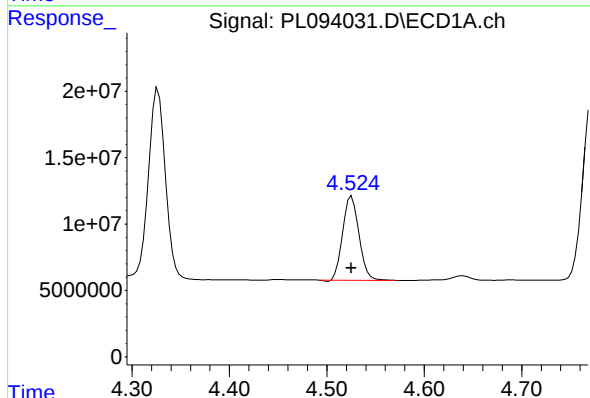
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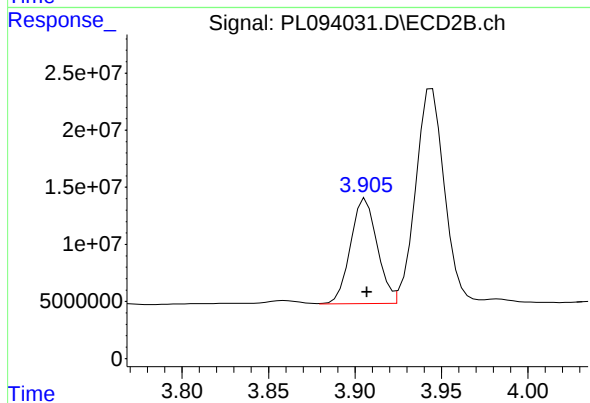
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 210870531
Conc: 46.23 ng/ml



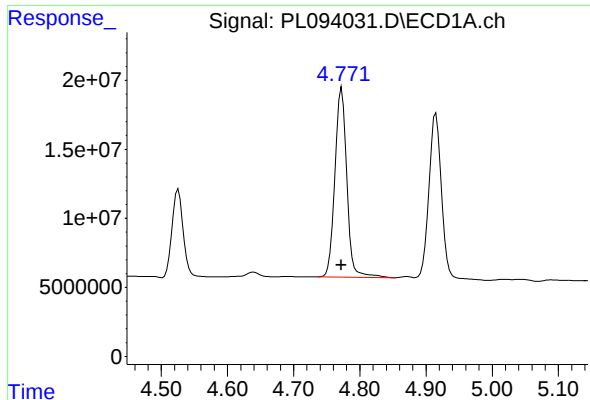
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 73140600
Conc: 45.50 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 98689073
Conc: 49.41 ng/ml



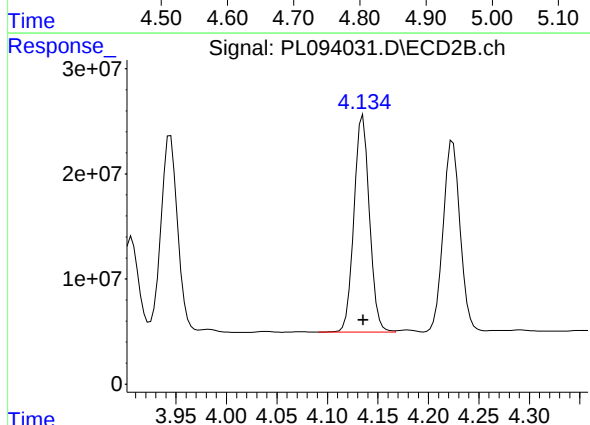
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 170282987
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

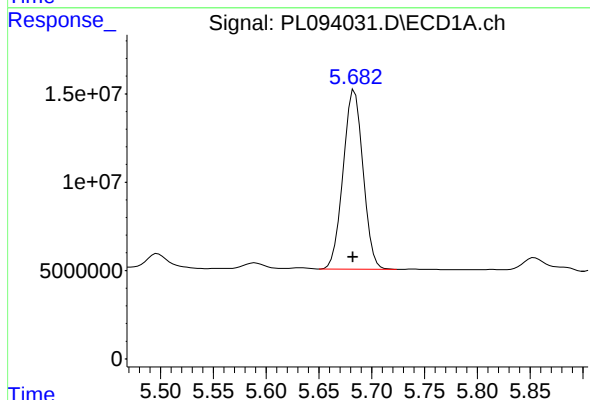
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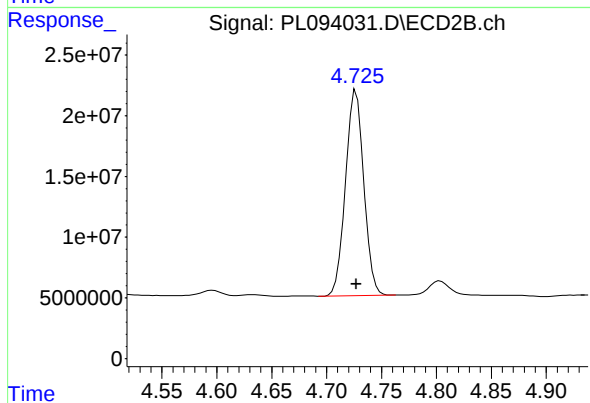
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 220075593
Conc: 46.32 ng/ml



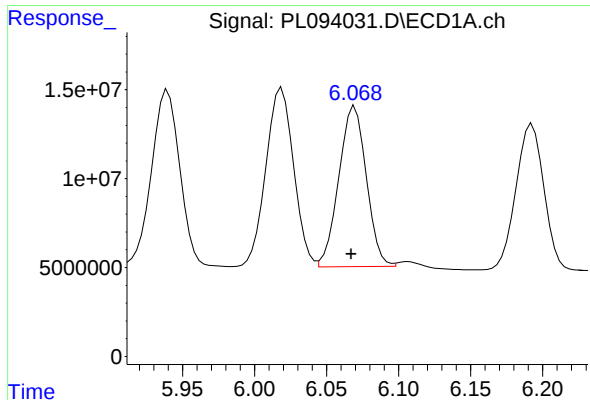
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.001 min
Response: 133095559
Conc: 44.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 196069351
Conc: 46.90 ng/ml



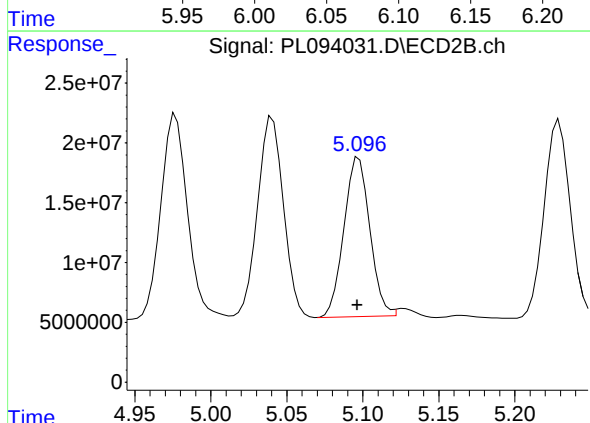
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 119218715
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

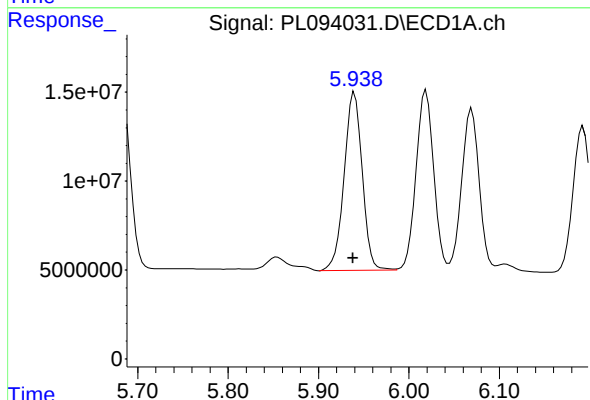
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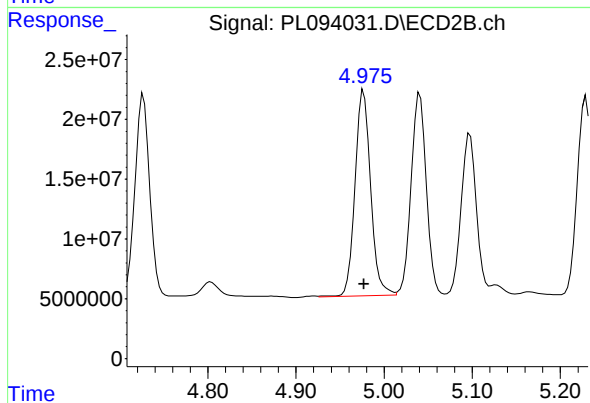
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 158176830
Conc: 40.80 ng/ml



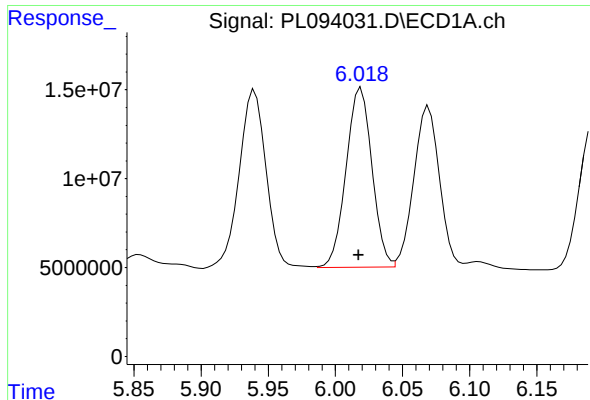
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 139814340
Conc: 50.16 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 212577908
Conc: 50.16 ng/ml



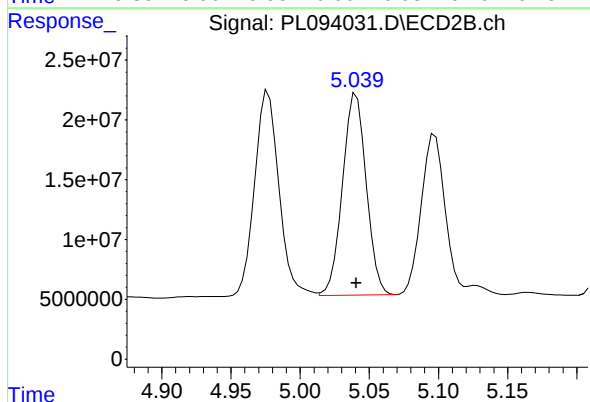
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.002 min
Response: 136094807
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

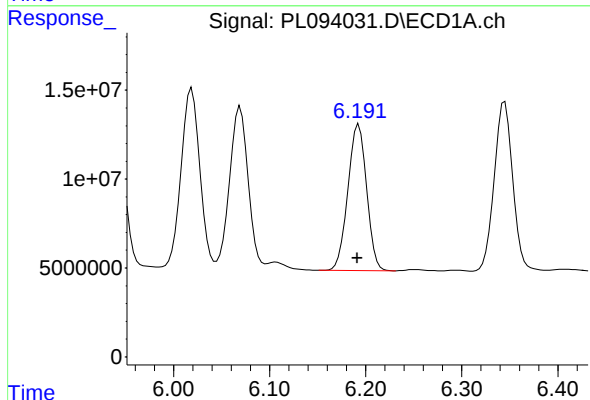
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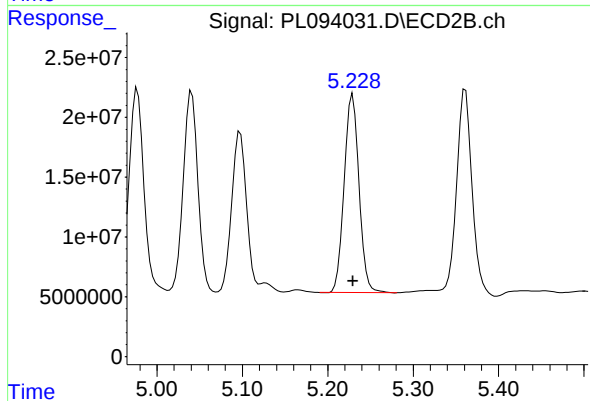
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 201325097
Conc: 48.09 ng/ml



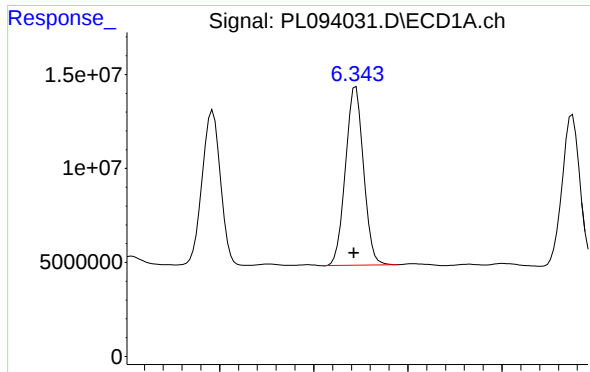
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.001 min
Response: 111130314
Conc: 45.65 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 200244691
Conc: 49.94 ng/ml



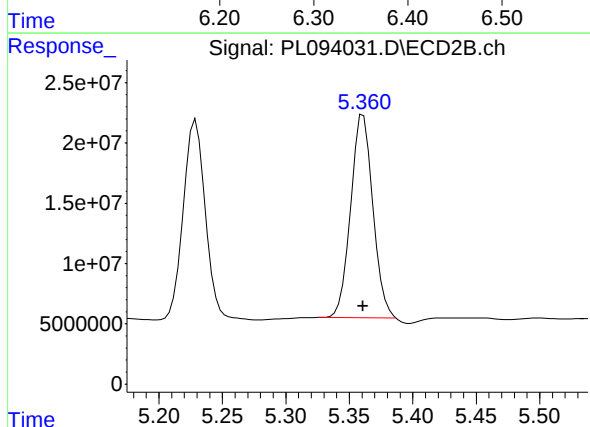
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 126641579
Conc: 45.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

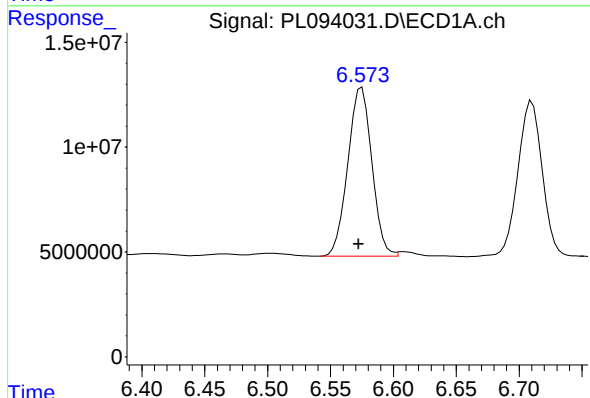
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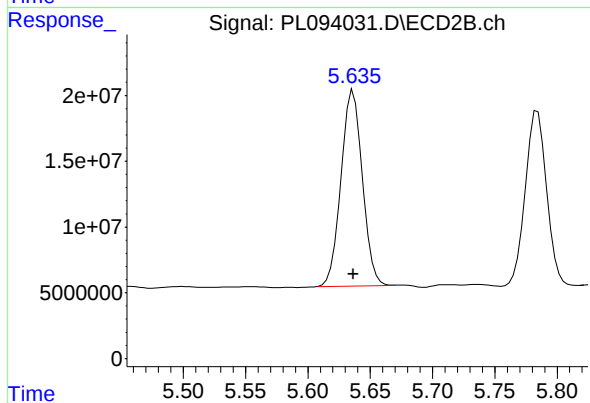
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: -0.001 min
Response: 204764804
Conc: 47.67 ng/ml m



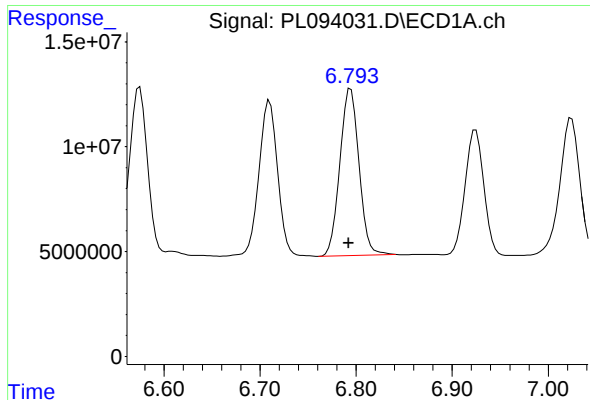
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.001 min
Response: 106842029
Conc: 45.57 ng/ml m



#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 177157037
Conc: 47.98 ng/ml



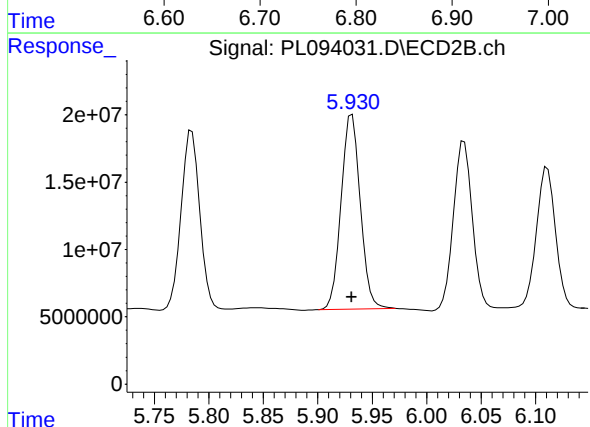
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 108969219
Conc: 45.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

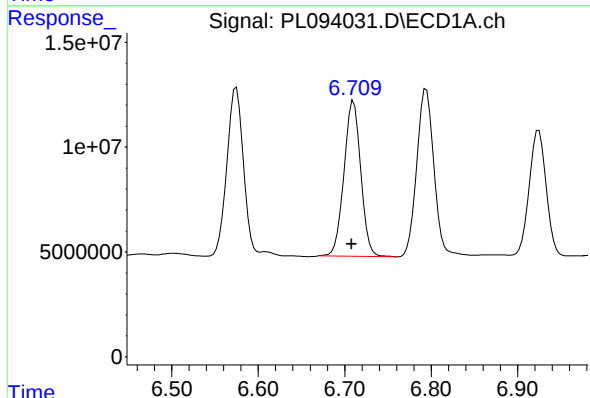
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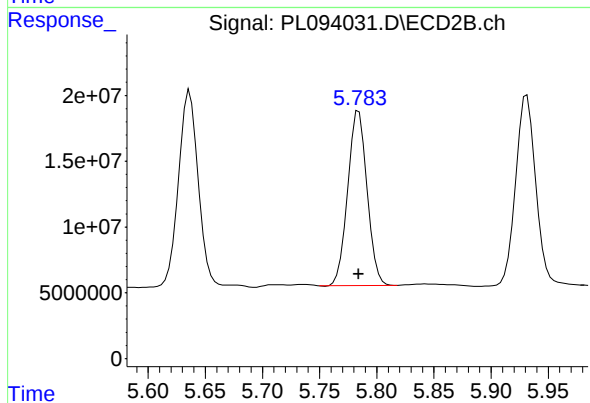
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 176932782
Conc: 47.77 ng/ml



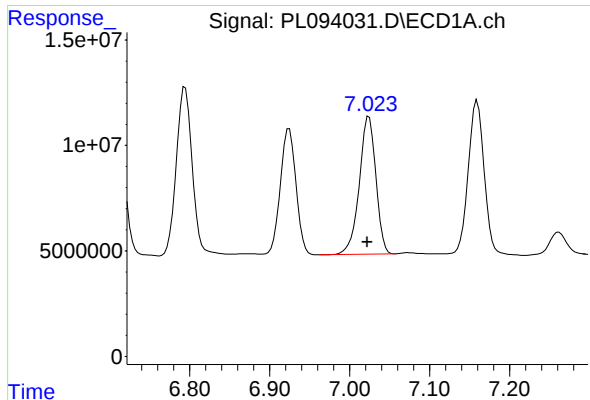
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 99516380
Conc: 52.36 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 157122708
Conc: 49.78 ng/ml



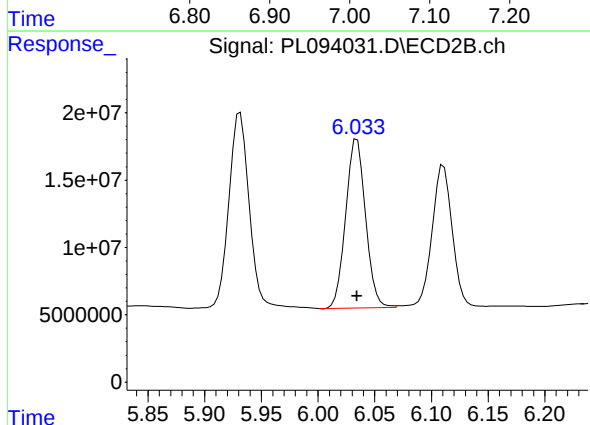
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 94117551
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

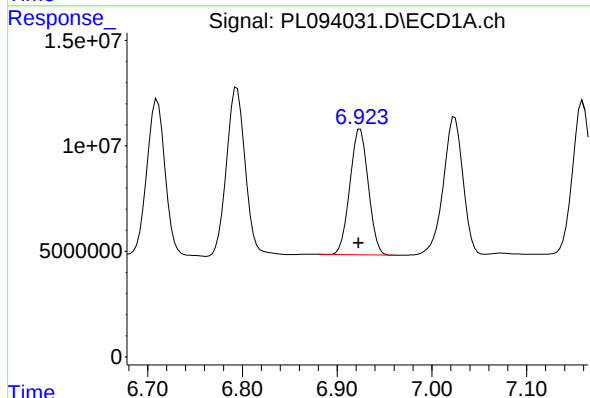
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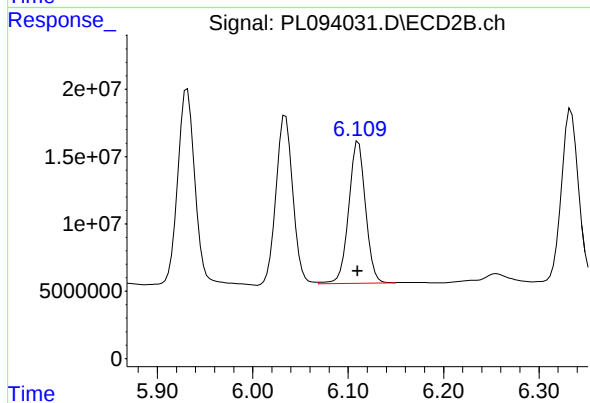
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 152825969
Conc: 46.96 ng/ml



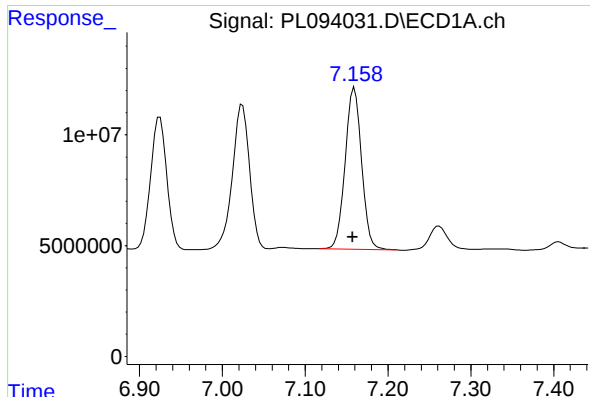
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 80700907
Conc: 41.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 130335542
Conc: 42.81 ng/ml



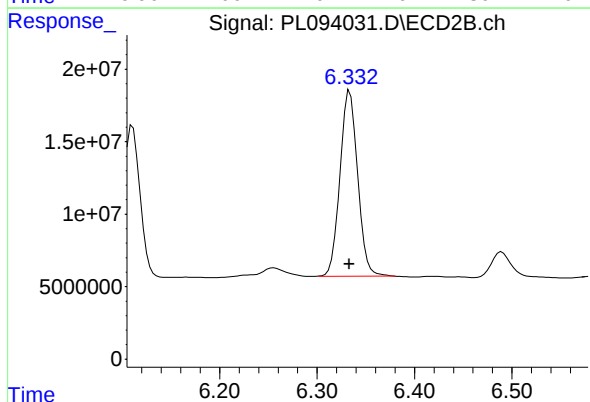
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 100376256
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

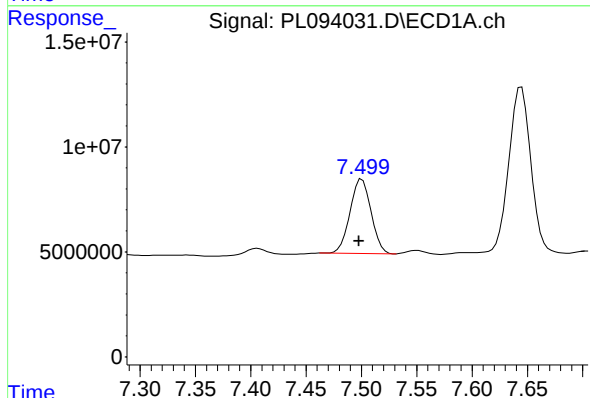
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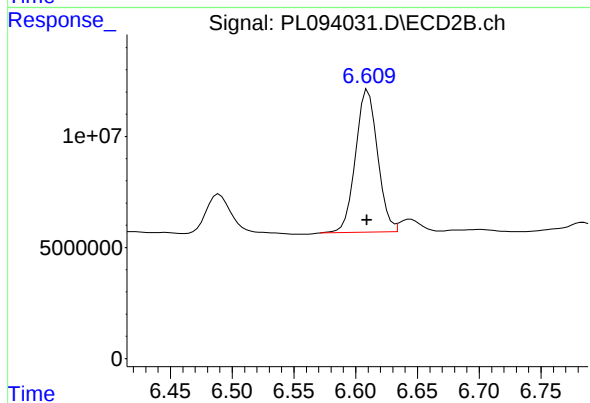
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 161579793
Conc: 45.31 ng/ml



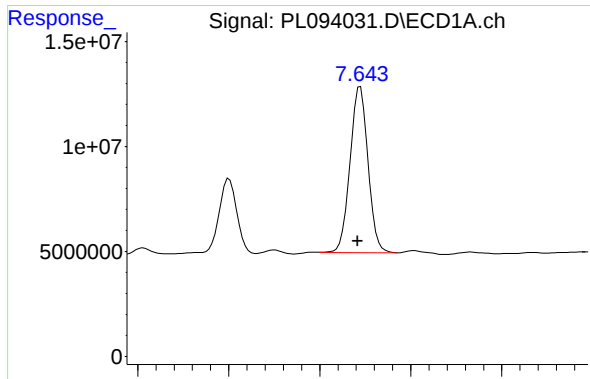
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 47187940
Conc: 45.23 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 79917391
Conc: 44.69 ng/ml



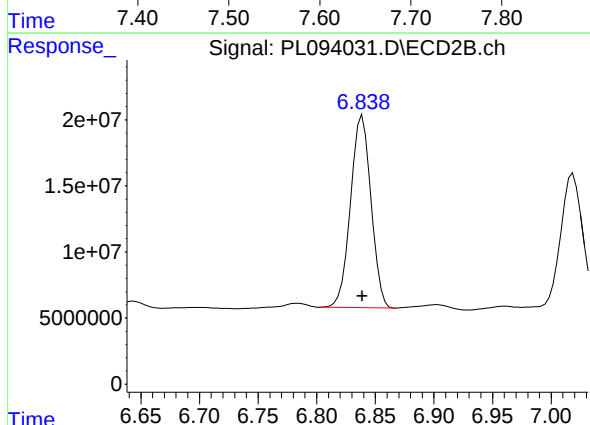
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 109185538
Conc: 43.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

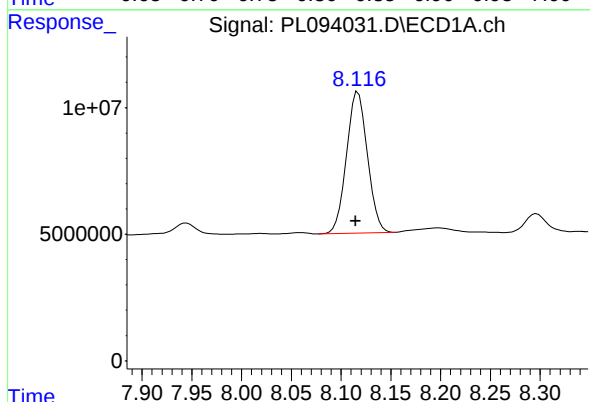
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025



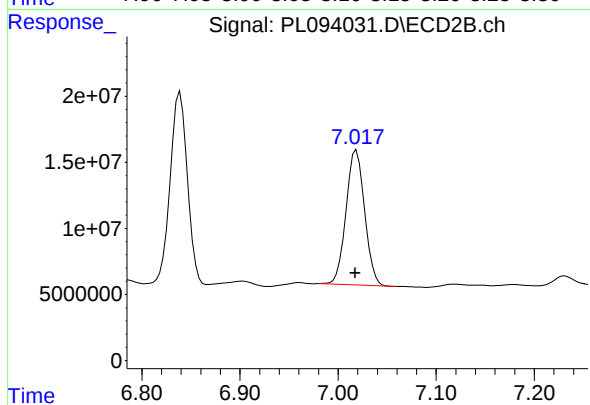
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 176861907
Conc: 42.16 ng/ml



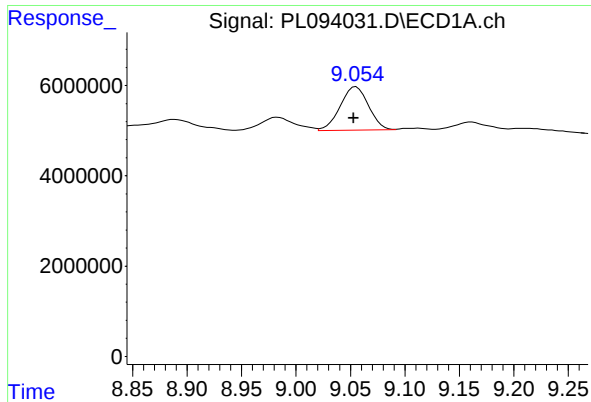
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 81740379
Conc: 39.25 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 134027059
Conc: 39.63 ng/ml



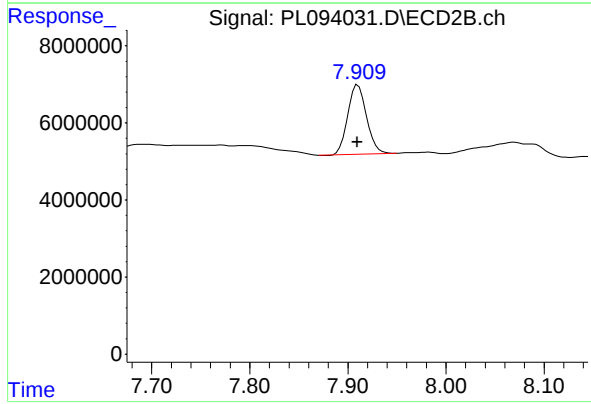
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 17260955
Conc: 8.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-231MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 24044030
Conc: 6.86 ng/ml