

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022625\
 Data File : PL094411.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 16:59
 Operator : AR\AJ
 Sample : Q1427-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-227MSD

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 22:34:37 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	51190524	59984976	20.161	18.797
28) SA Decachlor...	9.052	7.906	32256110	49123514	15.163	12.774
Target Compounds						
2) A alpha-BHC	3.993	3.274	180.5E6	231.6E6	47.722	47.113
3) MA gamma-BHC...	4.326	3.604	169.9E6	217.4E6	45.979	46.149
4) MA Heptachlor	4.913	3.942	167.8E6	229.5E6	49.503	48.616
5) MB Aldrin	5.254	4.221	159.0E6	214.5E6	46.341m	46.432
6) B beta-BHC	4.524	3.904	75641311	96983678	47.368	48.762
7) B delta-BHC	4.771	4.133	168.0E6	223.5E6	47.490	47.200
8) B Heptachlo...	5.681	4.722	141.6E6	198.5E6	46.976	46.644m
9) A Endosulfan I	6.067	5.093	126.7E6	182.9E6	46.105	45.890
10) B gamma-Chl...	5.938	4.974	158.3E6	248.0E6	53.919	57.158
11) B alpha-Chl...	6.017	5.037	161.3E6	238.0E6	55.688	55.112
12) B 4,4'-DDE	6.191	5.225	122.5E6	203.0E6	46.910	48.327
13) MA Dieldrin	6.342	5.357	131.2E6	209.6E6	46.055	47.830
14) MA Endrin	6.571	5.632	111.1E6	187.3E6	43.543m	55.025m#
15) B Endosulfa...	6.792	5.927	111.0E6	177.2E6	44.082	47.381
16) A 4,4'-DDD	6.708	5.781	94624793	154.0E6	51.155	48.336
17) MA 4,4'-DDT	7.020	6.031	110.1E6	174.3E6	52.442m	49.002
18) B Endrin al...	6.922	6.107	82853118	134.5E6	42.559	42.553
19) B Endosulfa...	7.157	6.330	103.1E6	165.9E6	45.543	44.909
20) A Methoxychlor	7.499	6.606	51168649	88620815	46.055	45.423
21) B Endrin ke...	7.641	6.835	112.6E6	179.9E6	44.918m	42.163
22) Mirex	8.114	7.015	82569876	138.6E6	40.018	39.740

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022625\
Data File : PL094411.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 16:59
Operator : AR\AJ
Sample : Q1427-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

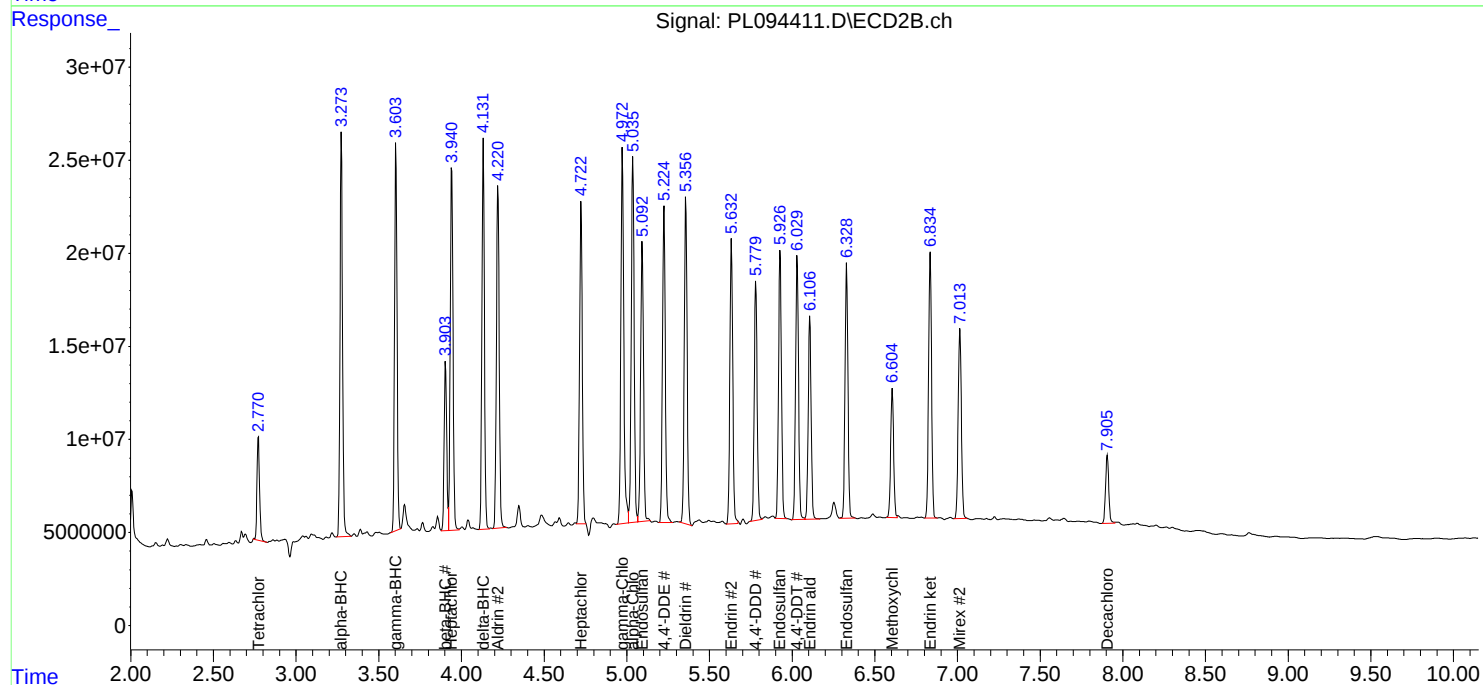
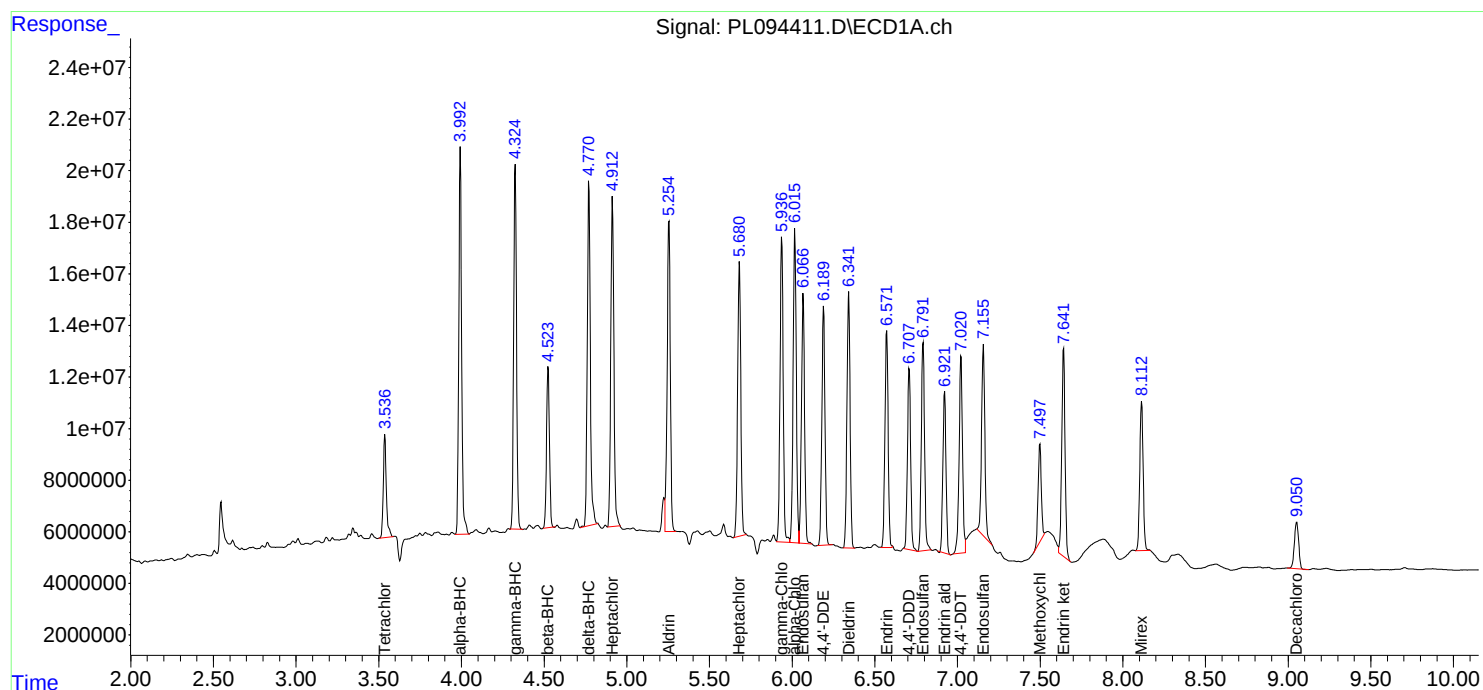
Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

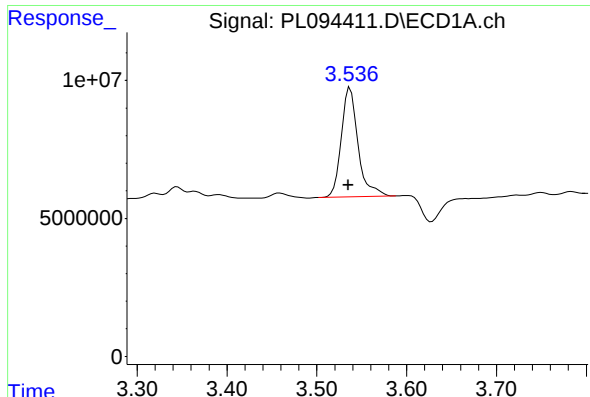
Manual Integrations
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Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 22:34:37 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





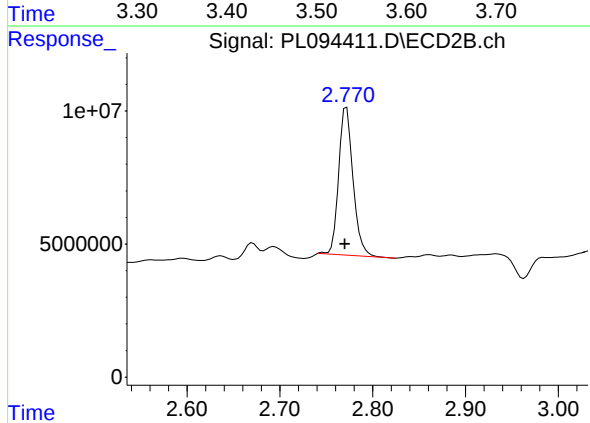
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 51190524
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

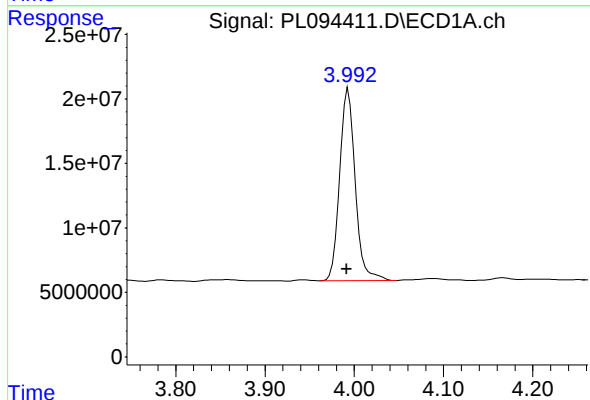
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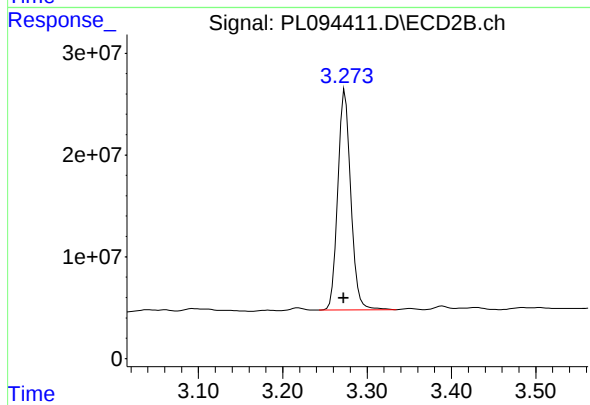
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 59984976
Conc: 18.80 ng/ml



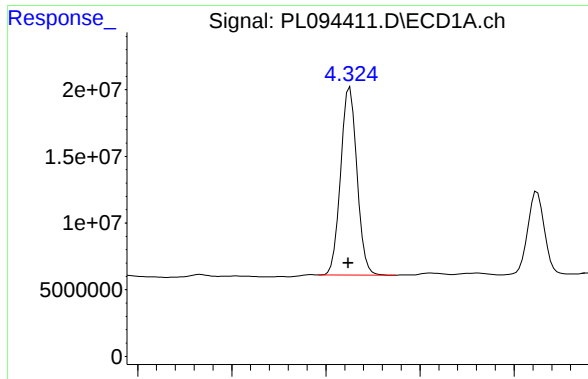
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 180516948
Conc: 47.72 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 231551069
Conc: 47.11 ng/ml



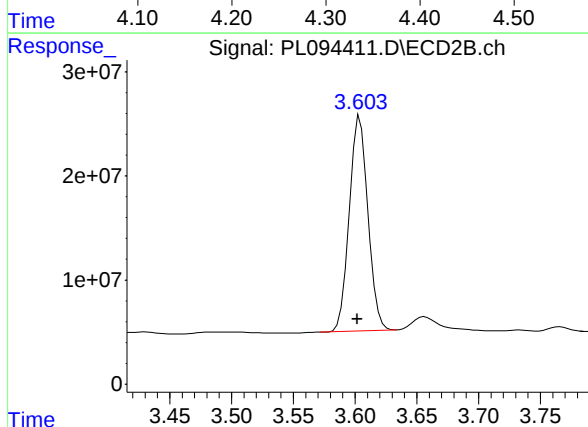
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 169880630
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

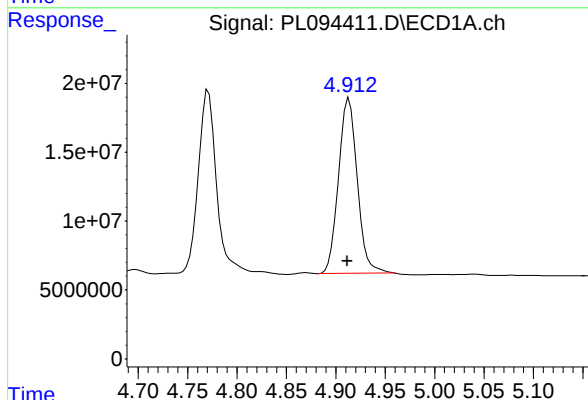
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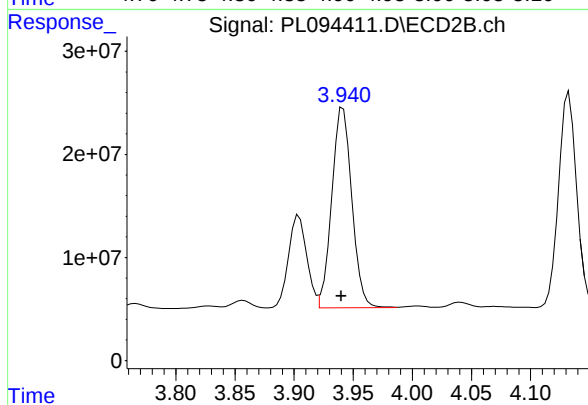
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.002 min
Response: 217358037
Conc: 46.15 ng/ml



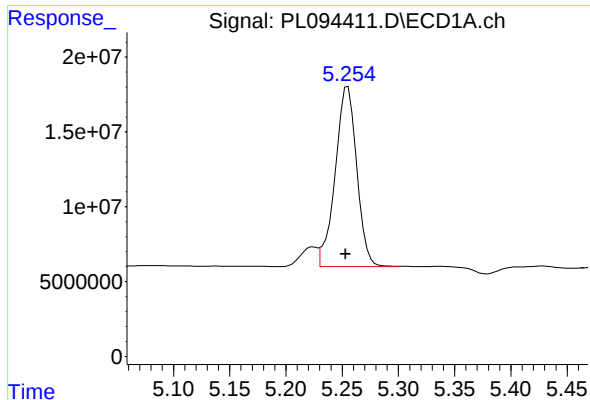
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 167833331
Conc: 49.50 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 229482389
Conc: 48.62 ng/ml



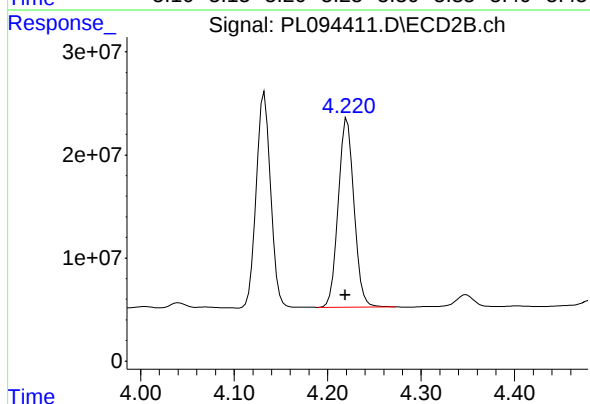
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 159031795
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

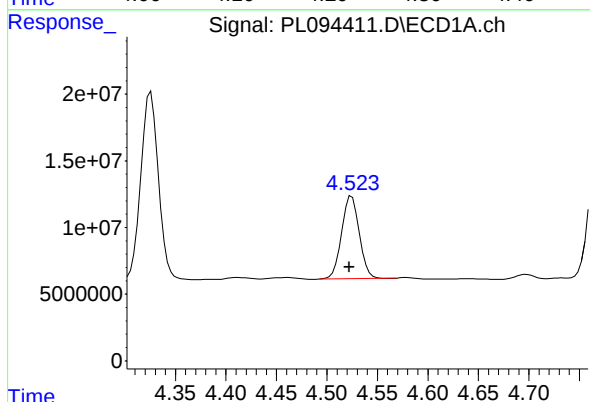
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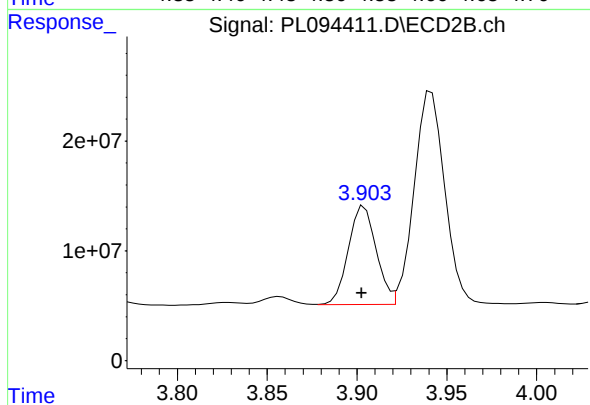
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 214530928
Conc: 46.43 ng/ml



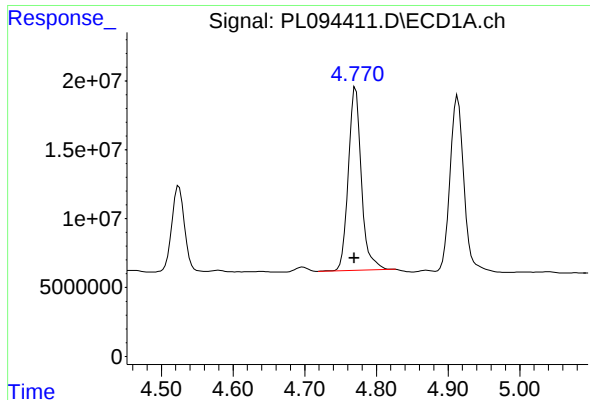
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 75641311
Conc: 47.37 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 96983678
Conc: 48.76 ng/ml



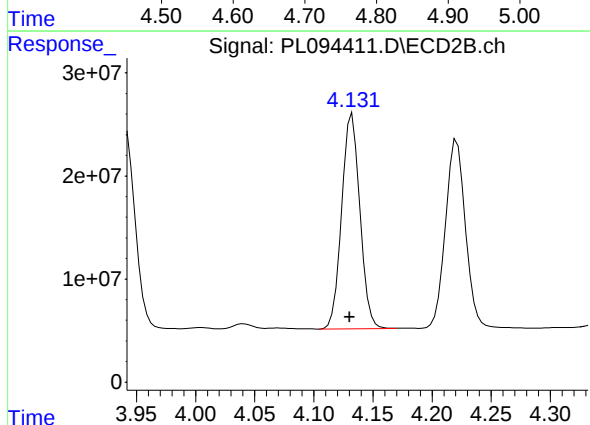
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.002 min
Response: 168032240
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

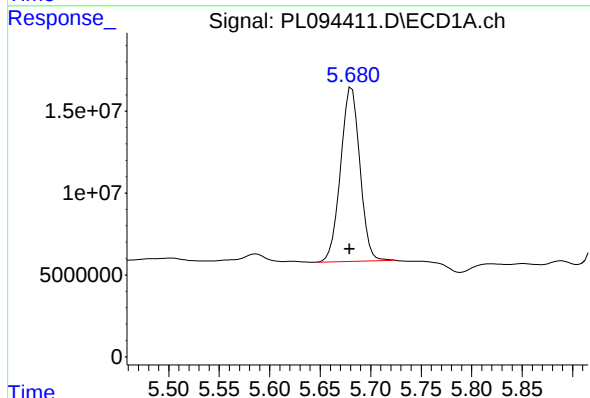
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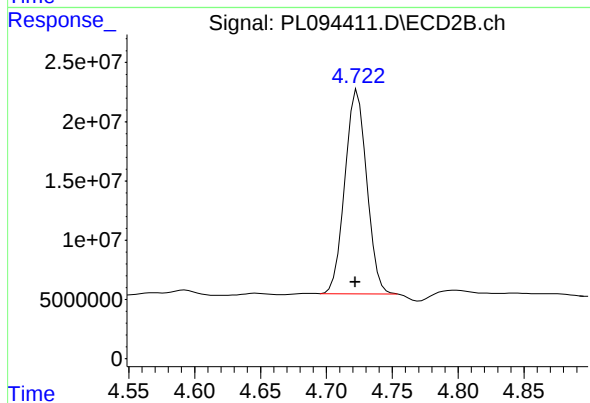
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 223524525
Conc: 47.20 ng/ml



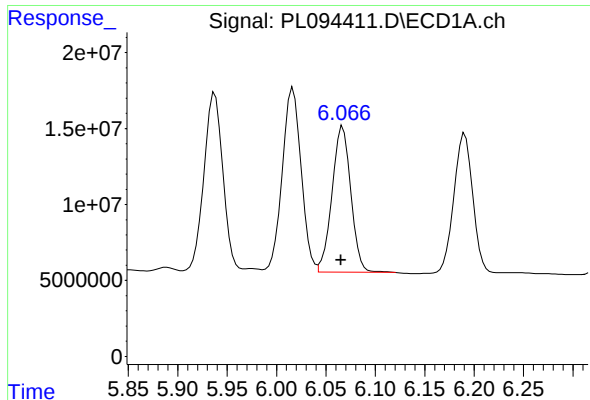
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 141556481
Conc: 46.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 198486590
Conc: 46.64 ng/ml m



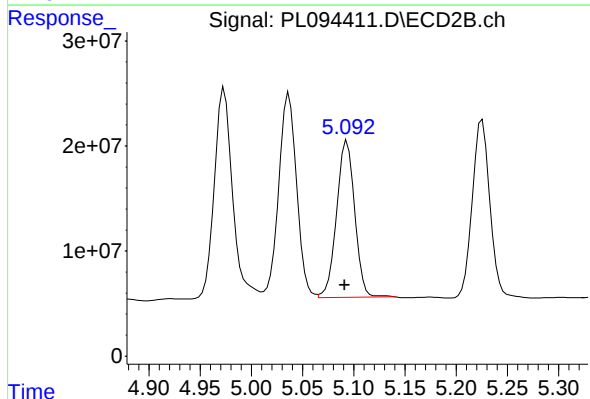
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 126725830
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

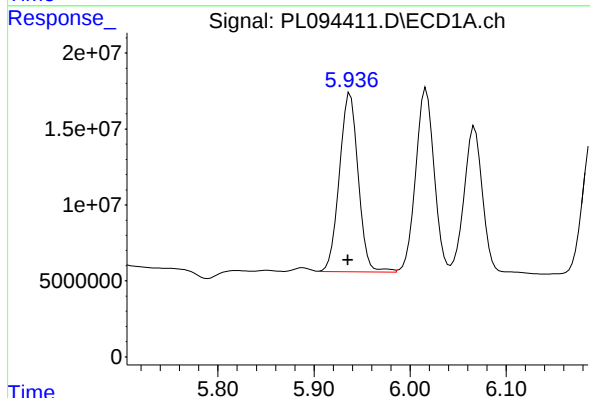
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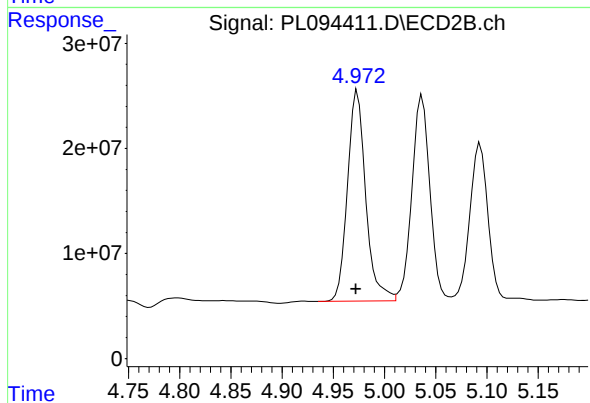
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.002 min
Response: 182942946
Conc: 45.89 ng/ml



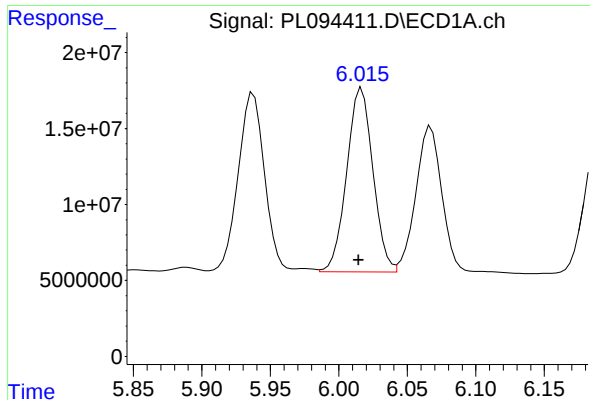
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 158314596
Conc: 53.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: 0.002 min
Response: 247999581
Conc: 57.16 ng/ml



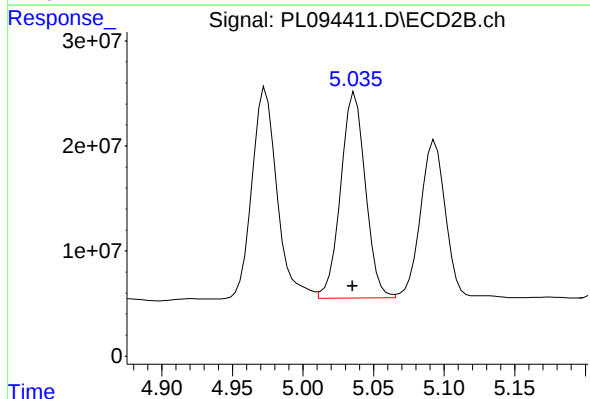
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 161332950
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

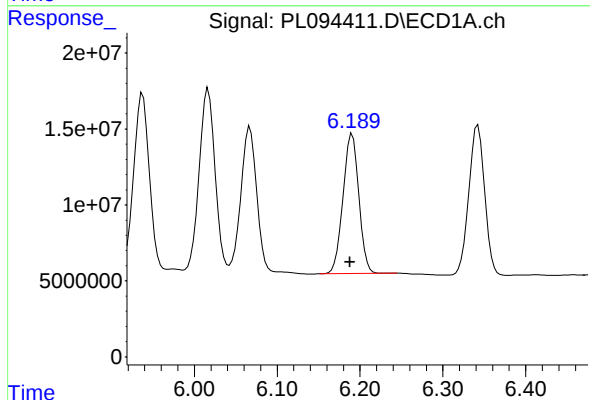
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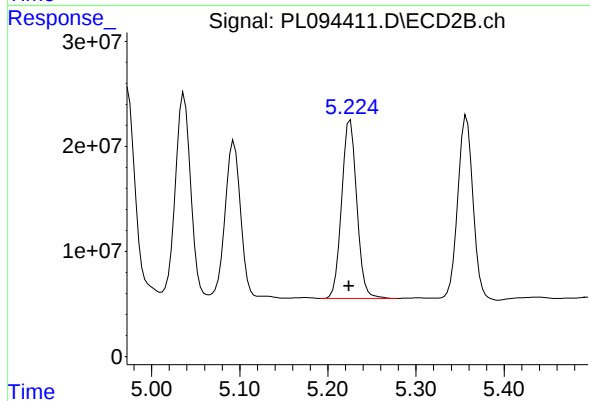
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 237950843
Conc: 55.11 ng/ml



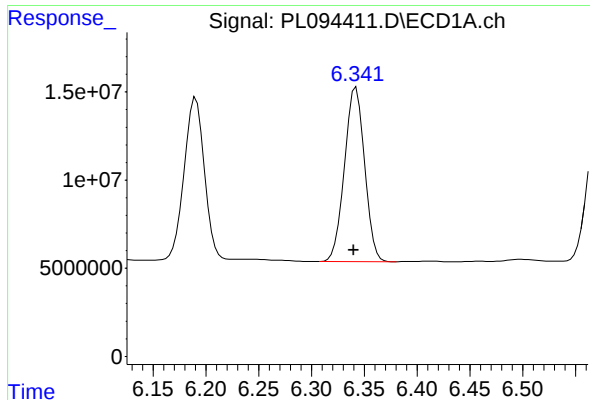
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 122514547
Conc: 46.91 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.002 min
Response: 202974474
Conc: 48.33 ng/ml



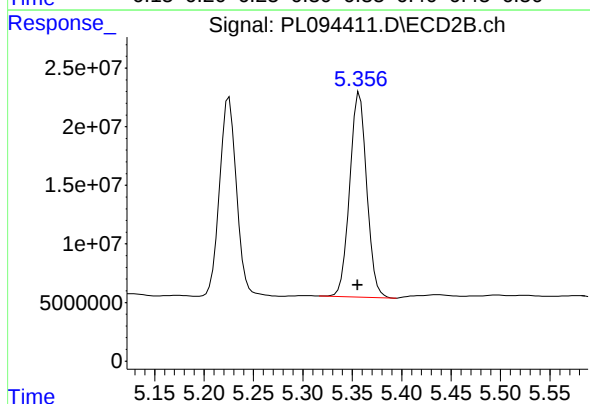
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 131212475
Conc: 46.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

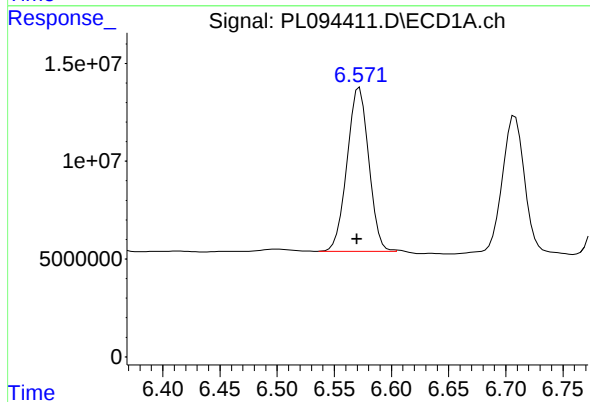
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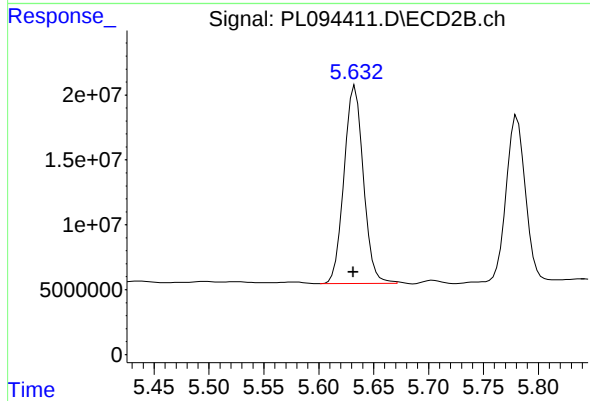
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.002 min
Response: 209581900
Conc: 47.83 ng/ml



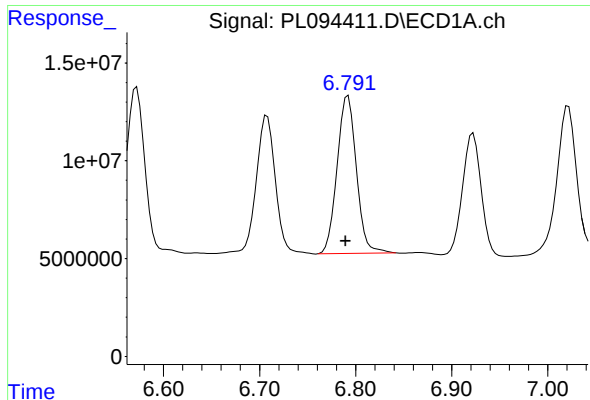
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.001 min
Response: 111133855
Conc: 43.54 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 187345681
Conc: 55.03 ng/ml m



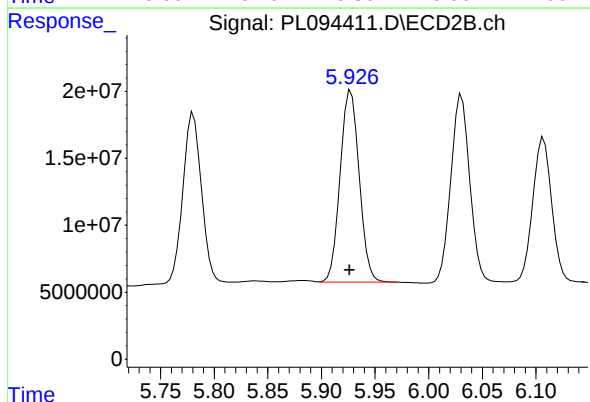
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.002 min
Response: 110963991
Conc: 44.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

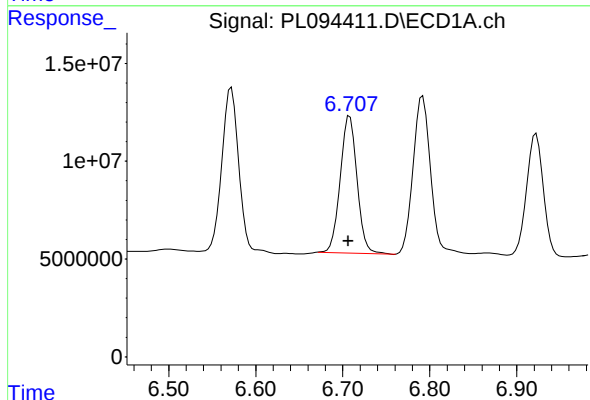
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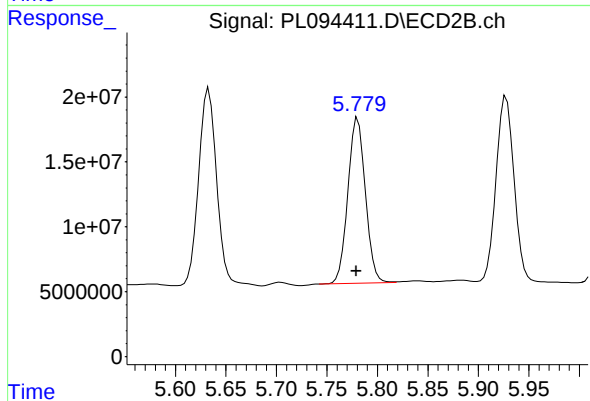
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.001 min
Response: 177181439
Conc: 47.38 ng/ml



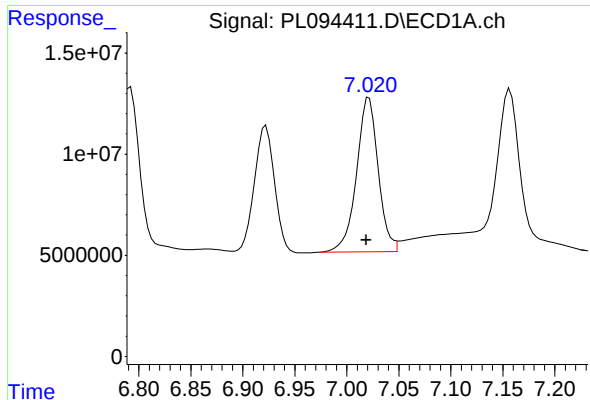
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 94624793
Conc: 51.16 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.002 min
Response: 153964660
Conc: 48.34 ng/ml



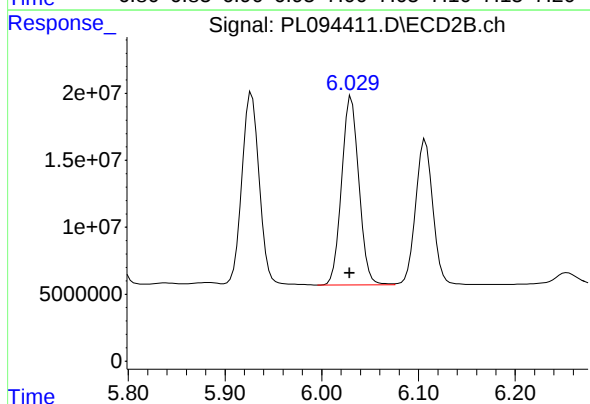
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.001 min
Response: 110129254
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

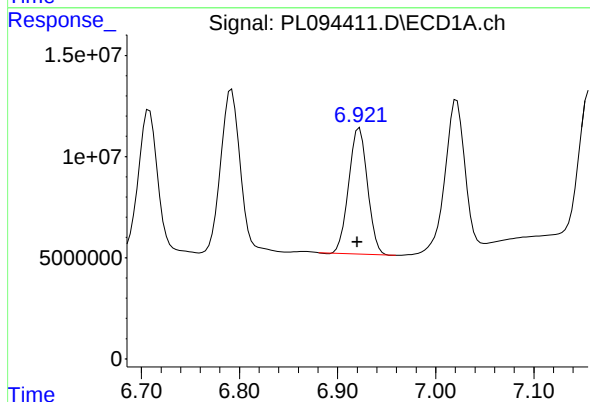
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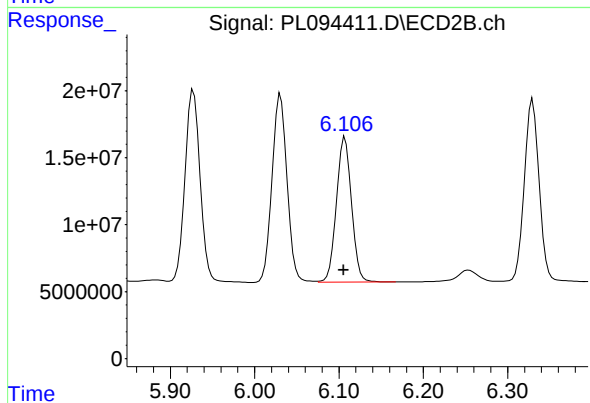
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 174300939
Conc: 49.00 ng/ml



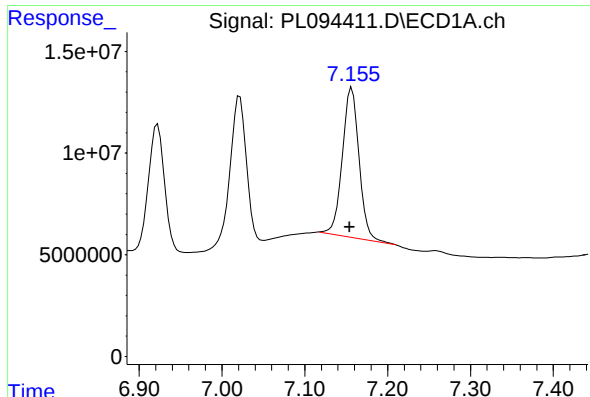
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 82853118
Conc: 42.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.001 min
Response: 134486409
Conc: 42.55 ng/ml



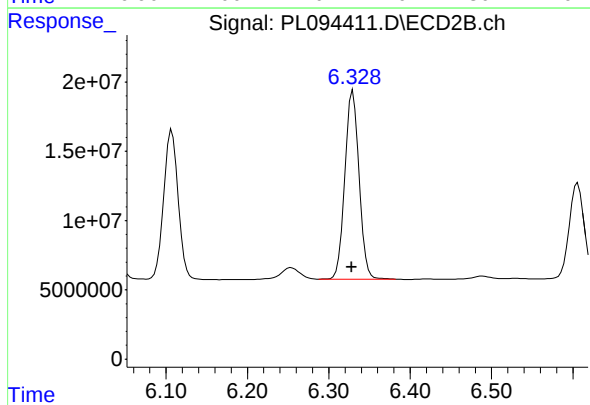
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 103102604
Conc: 45.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

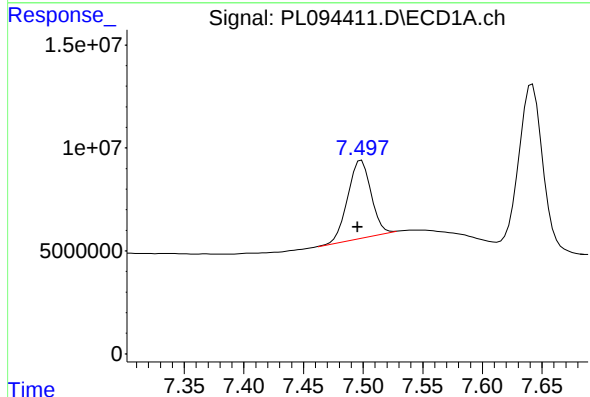
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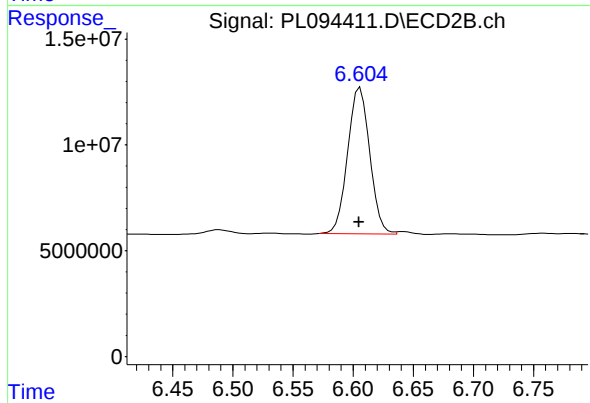
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.001 min
Response: 165879168
Conc: 44.91 ng/ml



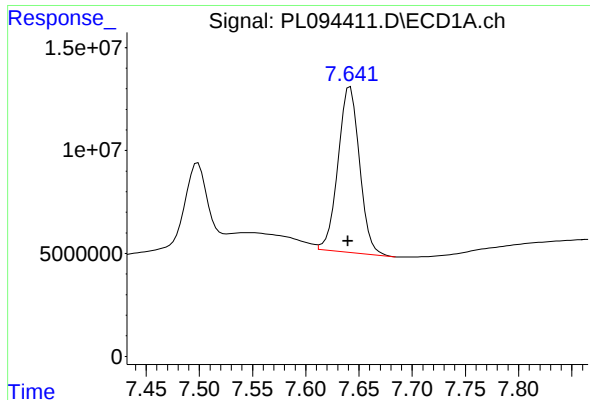
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.003 min
Response: 51168649
Conc: 46.05 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 88620815
Conc: 45.42 ng/ml



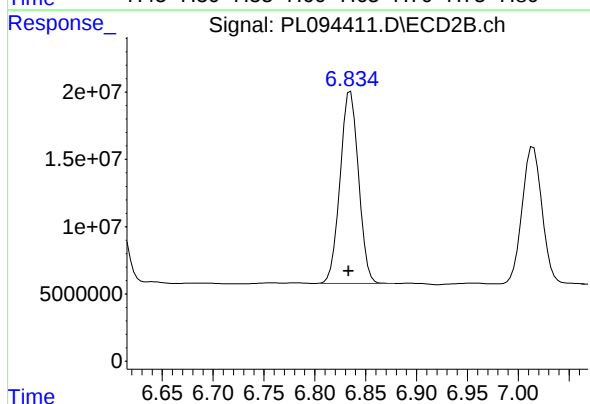
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.001 min
Response: 112605719
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

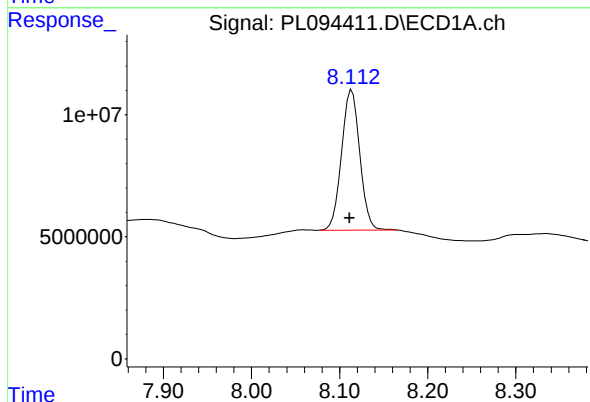
Manual Integrations
APPROVED

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



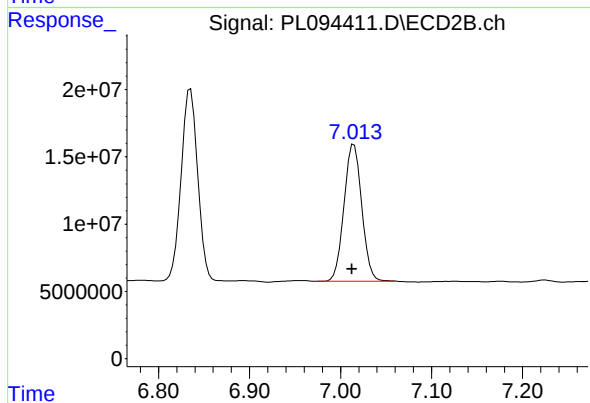
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 179932448
Conc: 42.16 ng/ml



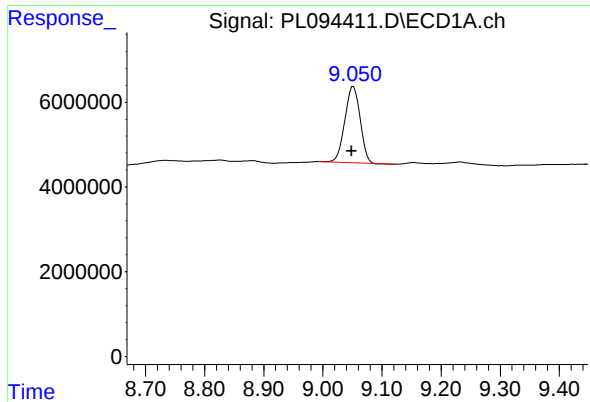
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.002 min
Response: 82569876
Conc: 40.02 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.002 min
Response: 138574010
Conc: 39.74 ng/ml



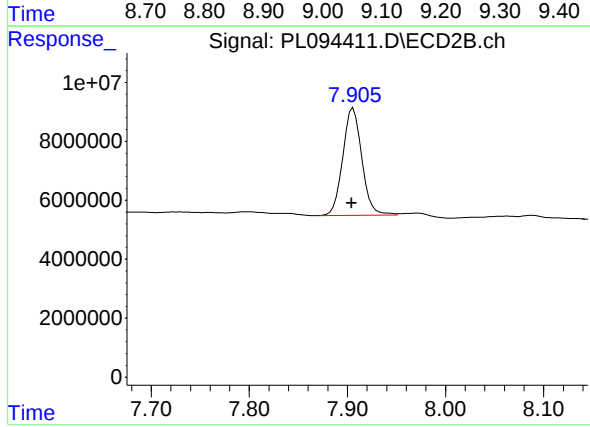
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.003 min
Response: 32256110
Conc: 15.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.002 min
Response: 49123514
Conc: 12.77 ng/ml