

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022625\
 Data File : PL094410.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 16:46
 Operator : AR\AJ
 Sample : Q1427-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-227MS

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 22:34:08 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	2.771	51055026	60269645	20.108	18.886
28) SA Decachlor...	9.051	7.905	34251747	51763002	16.101	13.460
Target Compounds						
2) A alpha-BHC	3.993	3.274	181.9E6	232.1E6	48.090	47.223
3) MA gamma-BHC...	4.325	3.603	170.1E6	217.3E6	46.029	46.147
4) MA Heptachlor	4.913	3.941	169.7E6	232.0E6	50.049	49.143
5) MB Aldrin	5.254	4.221	164.2E6	215.7E6	47.859m	46.677
6) B beta-BHC	4.524	3.903	75600994	97413515	47.342	48.978
7) B delta-BHC	4.771	4.132	166.5E6	224.2E6	47.057	47.333
8) B Heptachlo...	5.681	4.722	143.3E6	199.3E6	47.566	46.834m
9) A Endosulfan I	6.066	5.093	129.2E6	187.3E6	46.997	46.984
10) B gamma-Chl...	5.937	4.973	158.9E6	250.0E6	54.129	57.630
11) B alpha-Chl...	6.016	5.037	163.8E6	240.7E6	56.525	55.746
12) B 4,4'-DDE	6.190	5.225	125.5E6	204.5E6	48.055	48.682
13) MA Dieldrin	6.342	5.356	136.0E6	212.2E6	47.747	48.418
14) MA Endrin	6.570	5.632	116.3E6	188.9E6	45.576m	55.470
15) B Endosulfa...	6.790	5.927	113.9E6	180.7E6	45.260m	48.331
16) A 4,4'-DDD	6.708	5.780	98864672	156.1E6	53.448	49.000
17) MA 4,4'-DDT	7.021	6.030	110.2E6	179.4E6	52.485	50.426
18) B Endrin al...	6.922	6.107	88355344	138.3E6	45.385	43.767
19) B Endosulfa...	7.156	6.329	106.8E6	168.8E6	47.198	45.692
20) A Methoxychlor	7.498	6.605	56315406	91377441	50.687	46.836
21) B Endrin ke...	7.641	6.834	118.0E6	185.3E6	47.054	43.416
22) Mirex	8.113	7.014	87930803	142.9E6	42.617	40.979

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022625\
Data File : PL094410.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 16:46
Operator : AR\AJ
Sample : Q1427-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

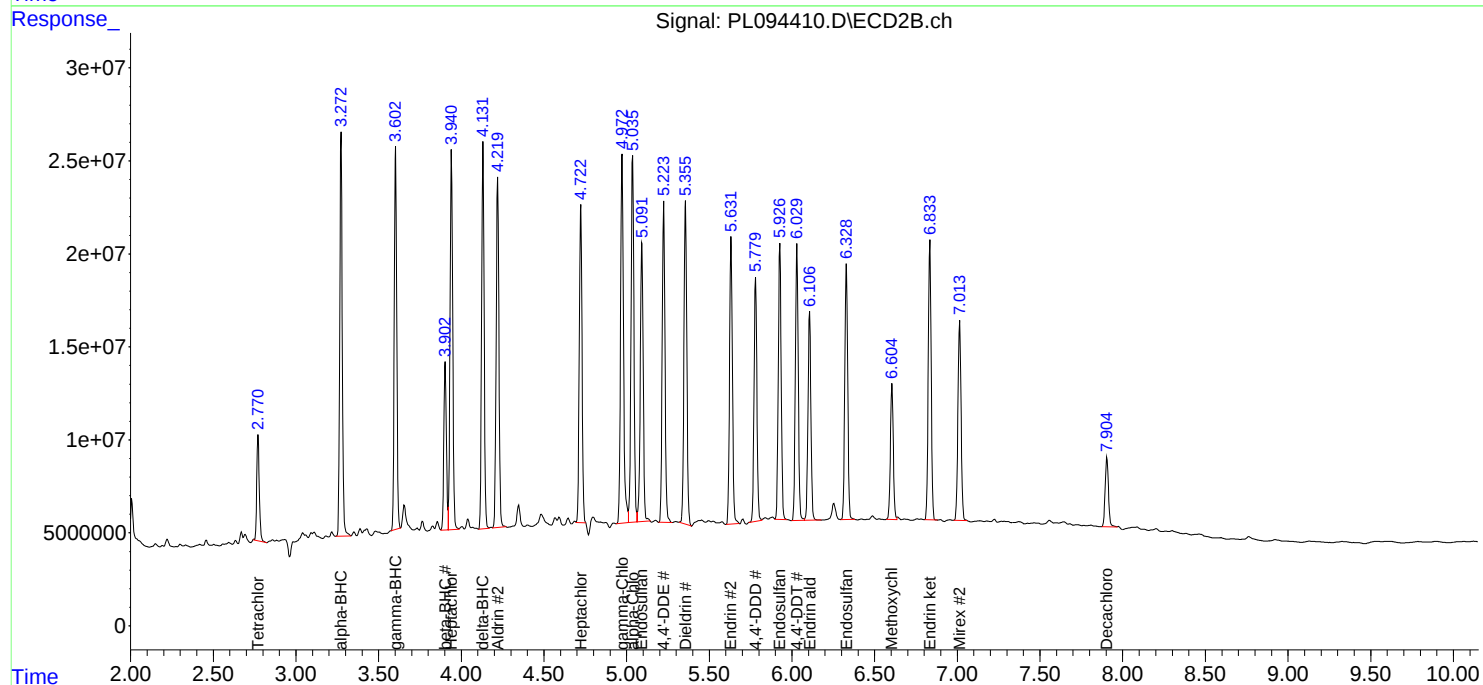
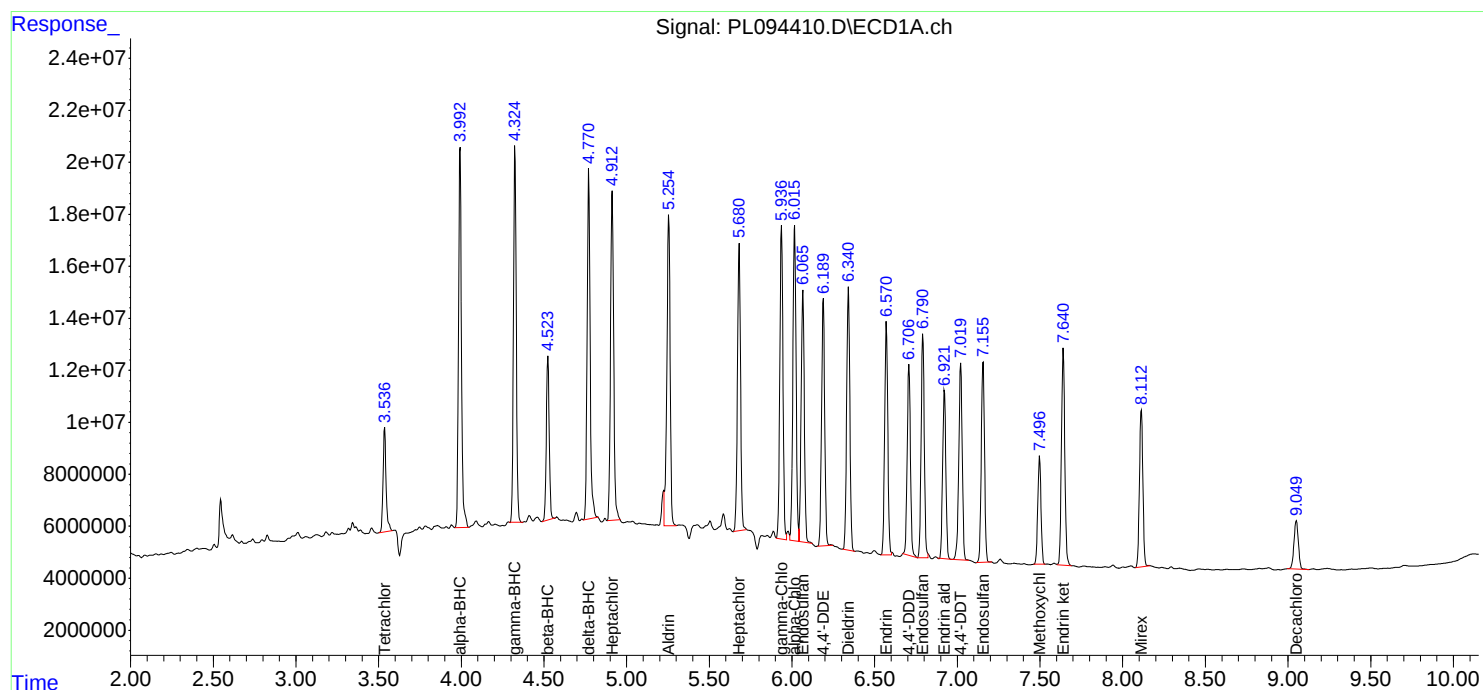
Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

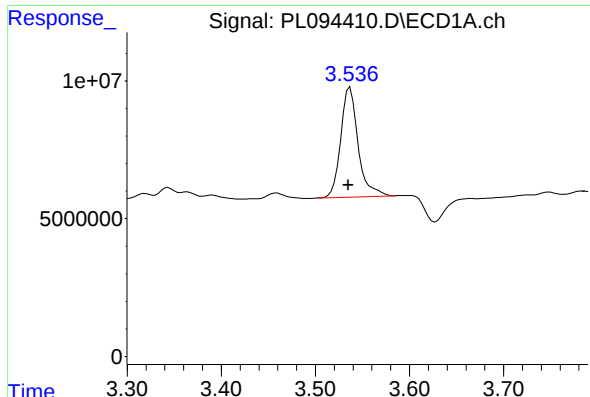
Manual Integrations
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Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 22:34:08 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





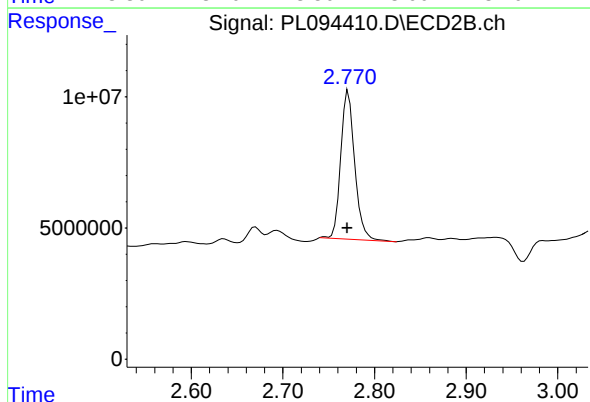
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 51055026
Conc: 20.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

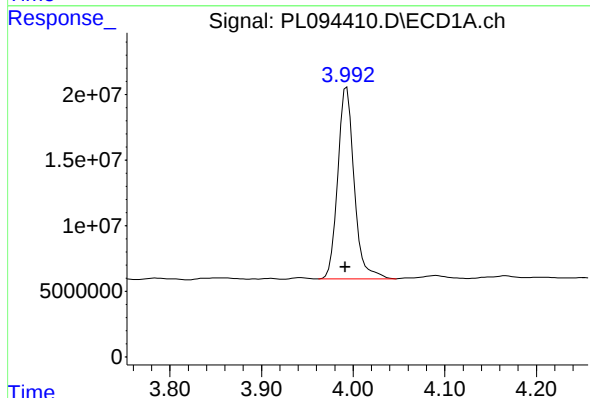
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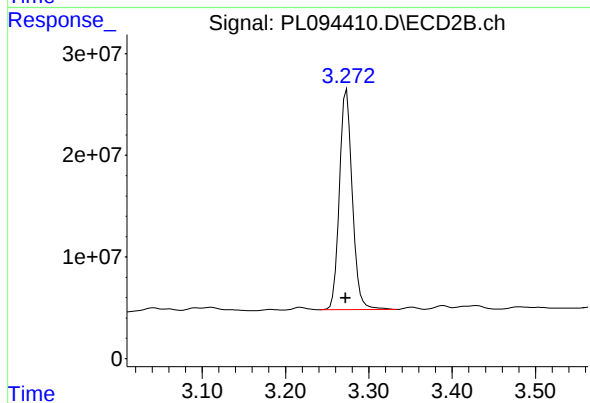
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 60269645
Conc: 18.89 ng/ml



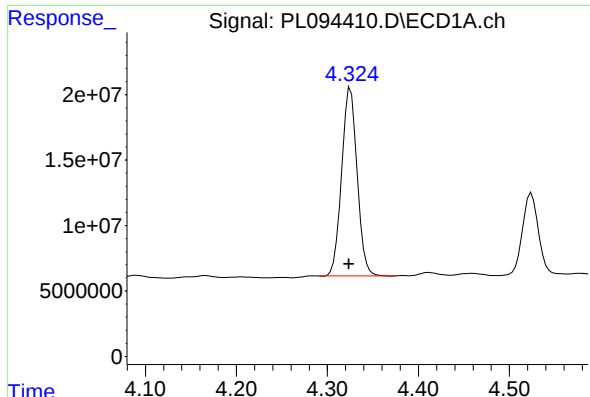
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 181908309
Conc: 48.09 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.001 min
Response: 232092562
Conc: 47.22 ng/ml



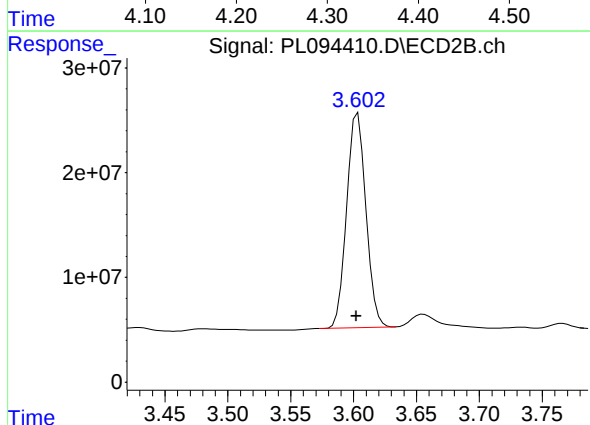
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.002 min
Response: 170064720
Conc: 46.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

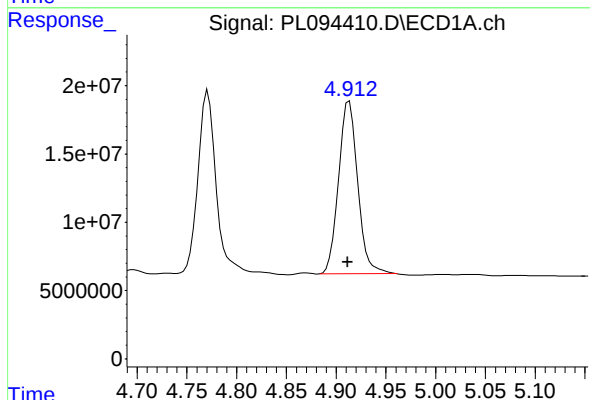
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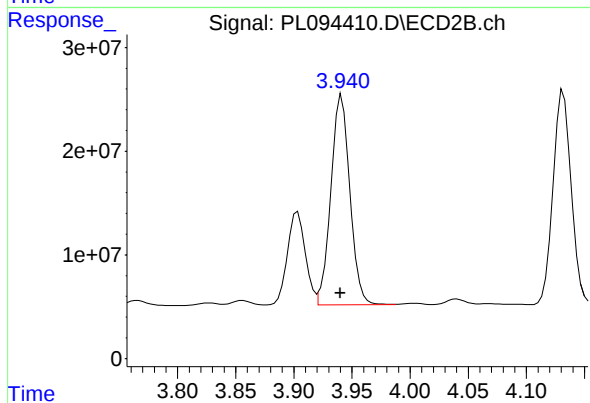
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 217347577
Conc: 46.15 ng/ml



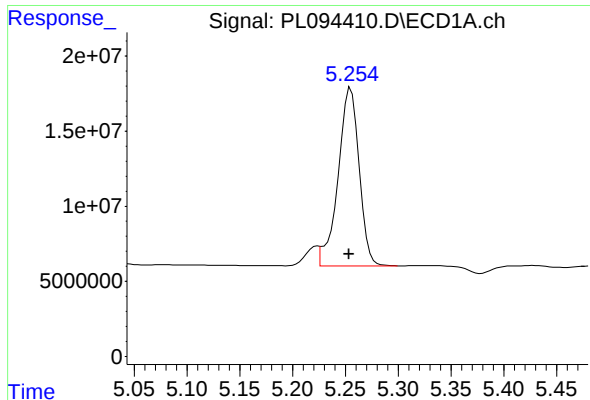
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 169684487
Conc: 50.05 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.001 min
Response: 231971048
Conc: 49.14 ng/ml



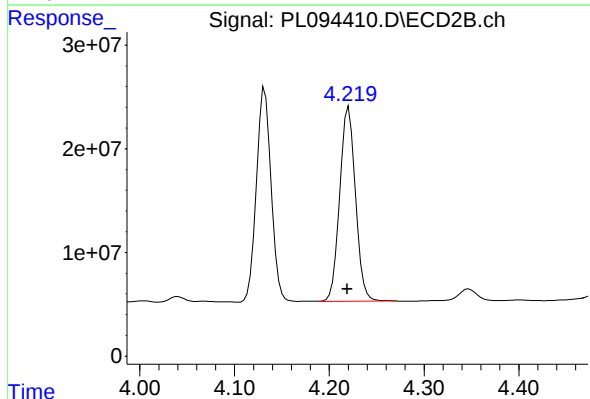
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 164238554
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

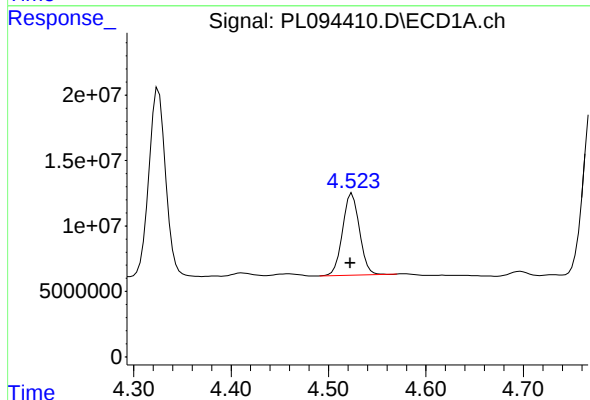
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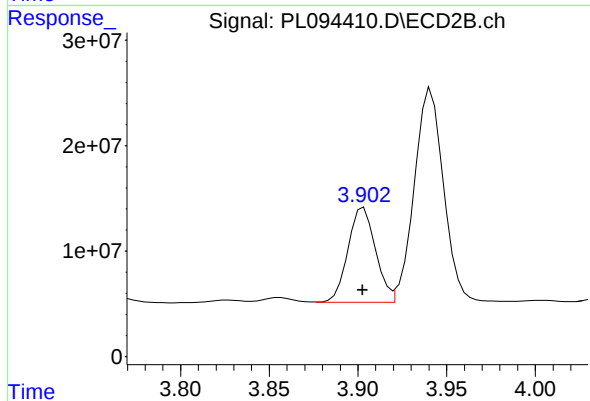
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 215667266
Conc: 46.68 ng/ml



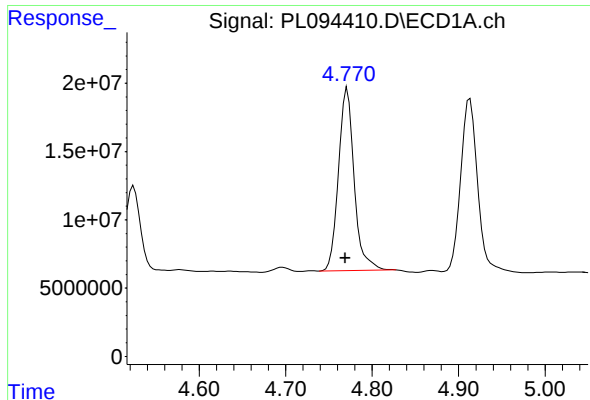
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 75600994
Conc: 47.34 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 97413515
Conc: 48.98 ng/ml



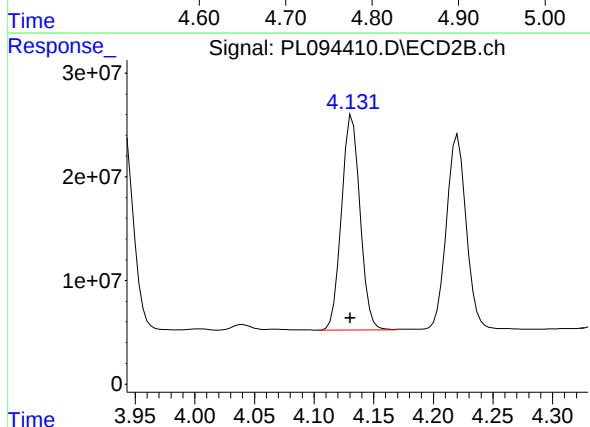
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.002 min
Response: 166501571
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

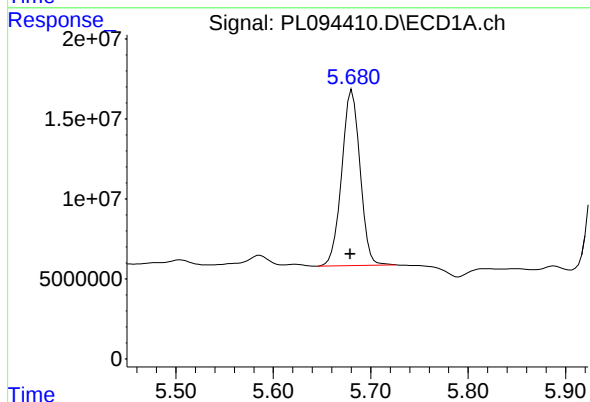
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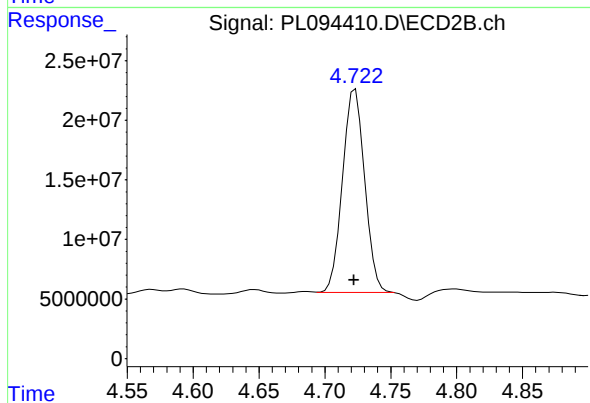
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 224156933
Conc: 47.33 ng/ml



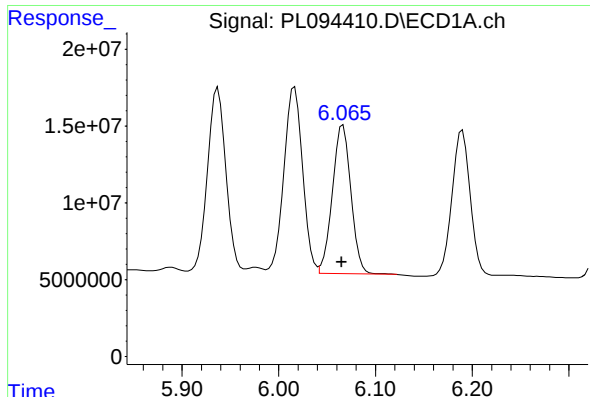
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 143333490
Conc: 47.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 199297085
Conc: 46.83 ng/ml m



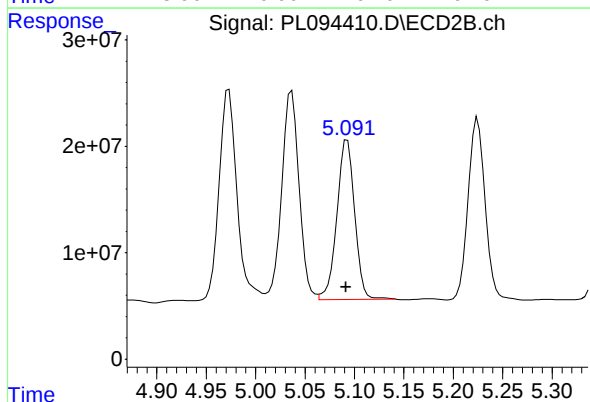
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.001 min
Response: 129177568
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

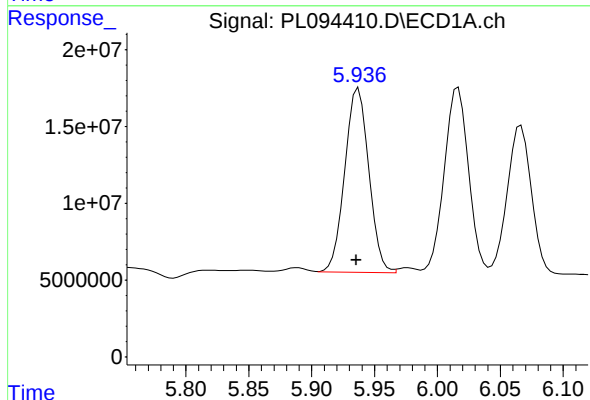
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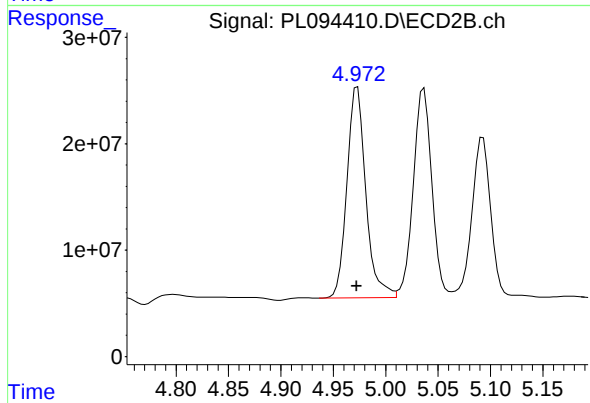
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.001 min
Response: 187306505
Conc: 46.98 ng/ml



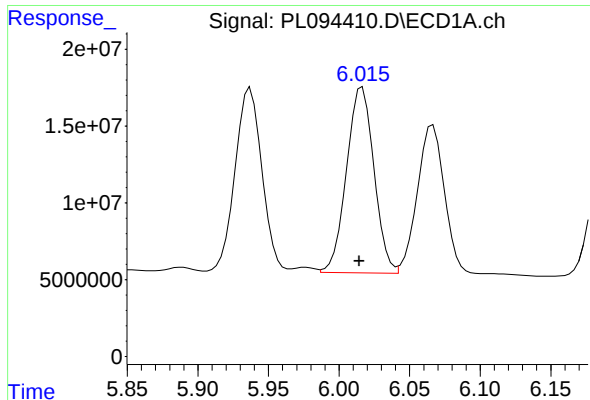
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 158929128
Conc: 54.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 250048634
Conc: 57.63 ng/ml



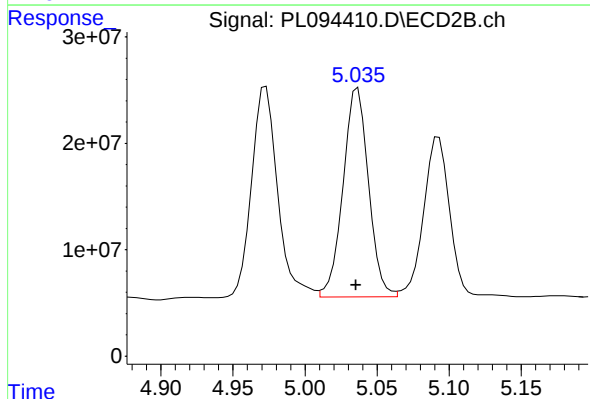
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.002 min
Response: 163757411
Conc: 56.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

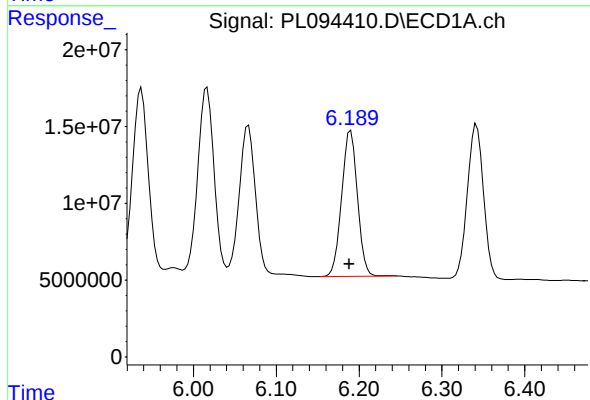
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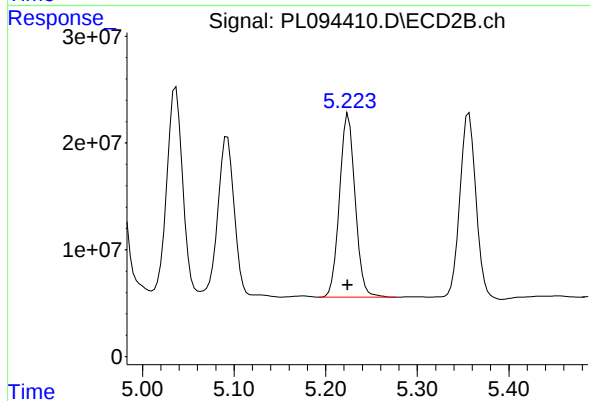
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.001 min
Response: 240689217
Conc: 55.75 ng/ml



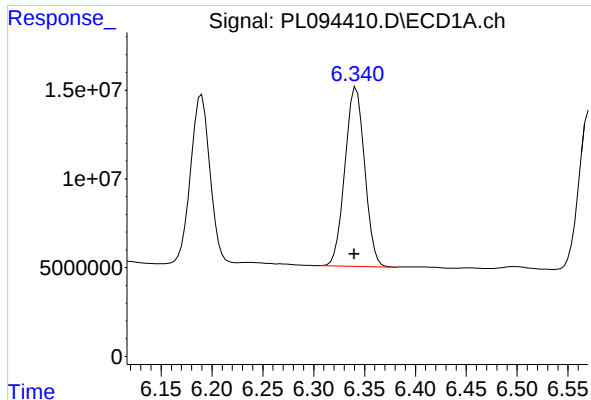
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 125506274
Conc: 48.06 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 204462601
Conc: 48.68 ng/ml



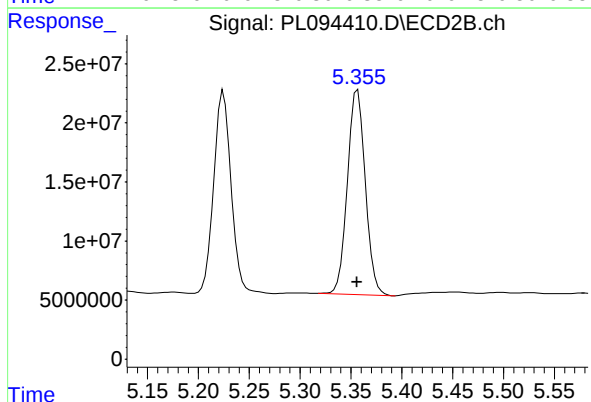
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 136032663
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

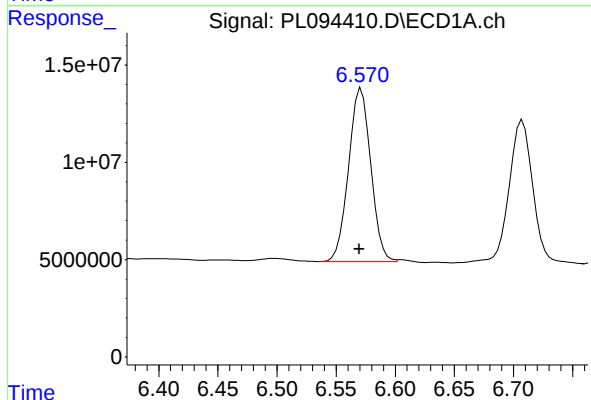
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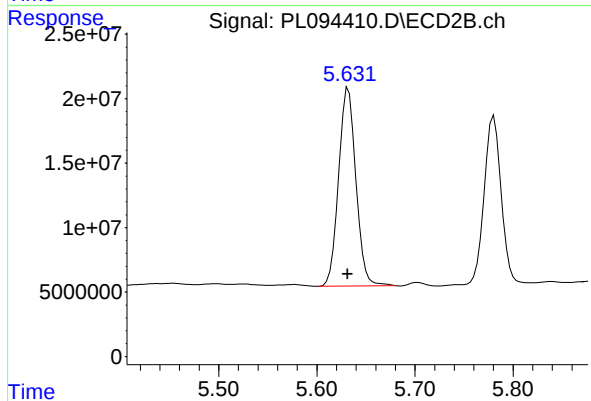
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 212158655
Conc: 48.42 ng/ml



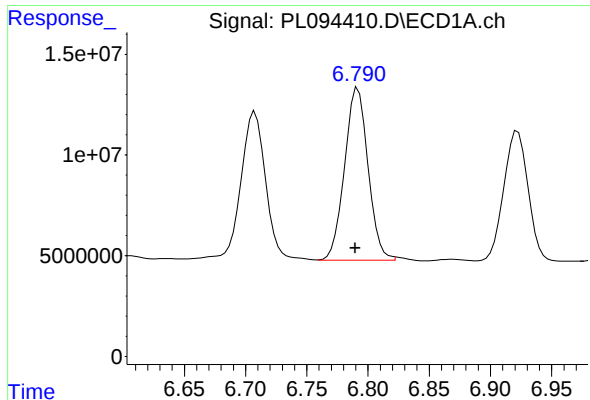
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 116323747
Conc: 45.58 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 188859862
Conc: 55.47 ng/ml



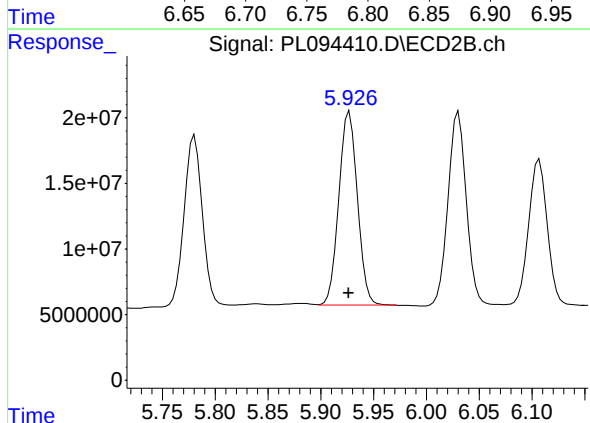
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 113929748
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

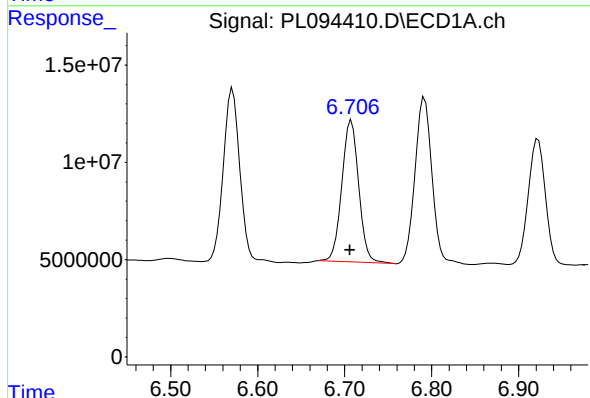
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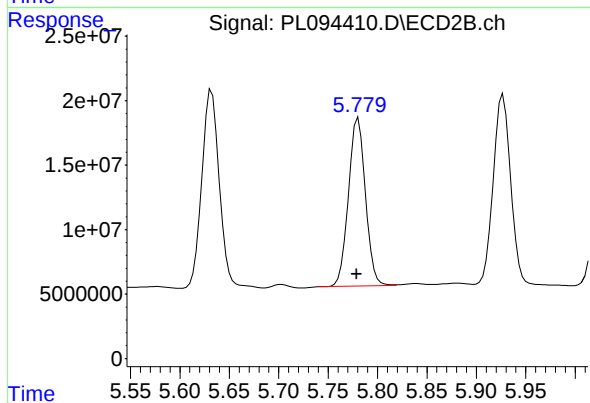
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 180733680
Conc: 48.33 ng/ml



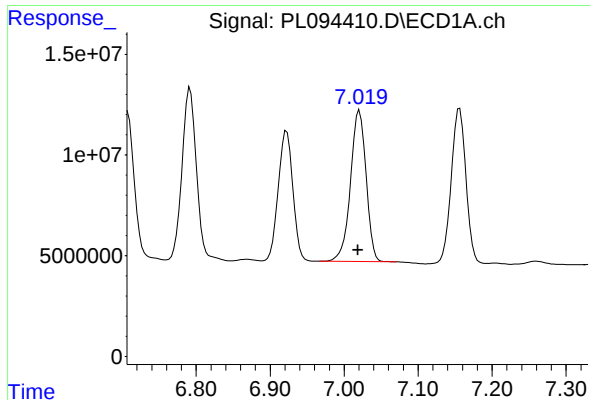
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 98864672
Conc: 53.45 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.002 min
Response: 156080505
Conc: 49.00 ng/ml



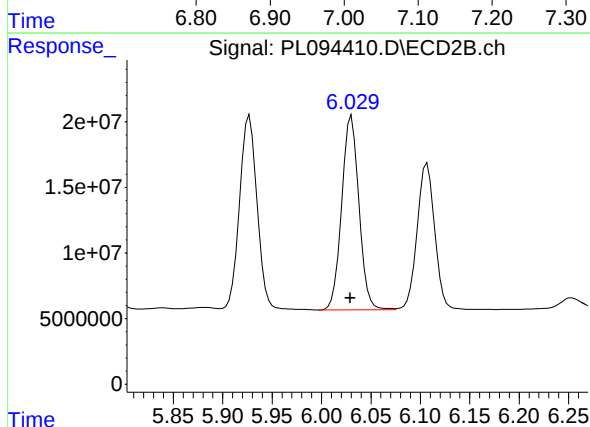
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 110219467
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

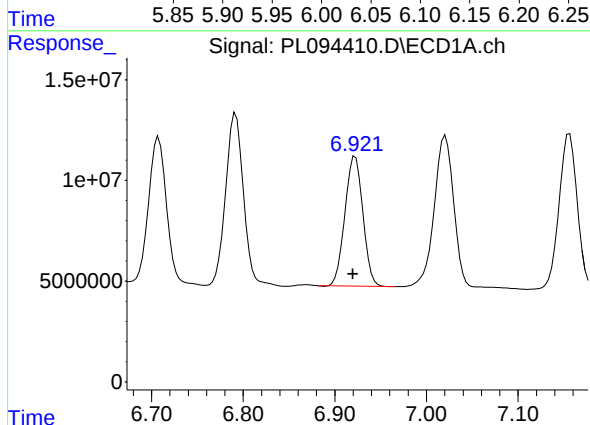
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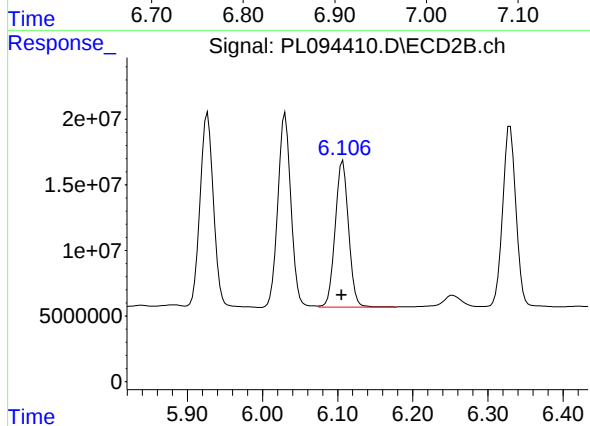
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 179367151
Conc: 50.43 ng/ml



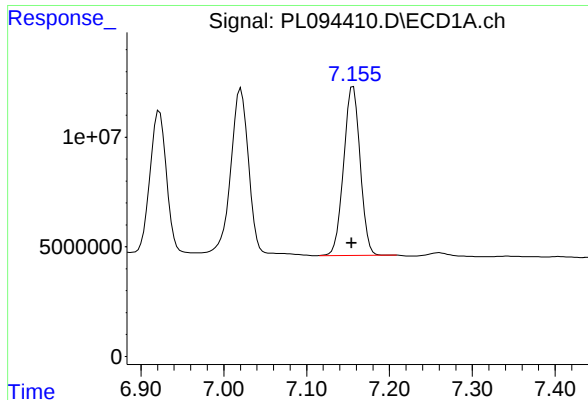
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 88355344
Conc: 45.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.001 min
Response: 138324087
Conc: 43.77 ng/ml



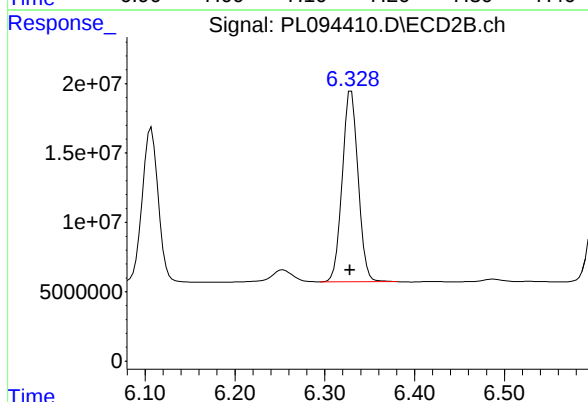
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.002 min
Response: 106848417
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

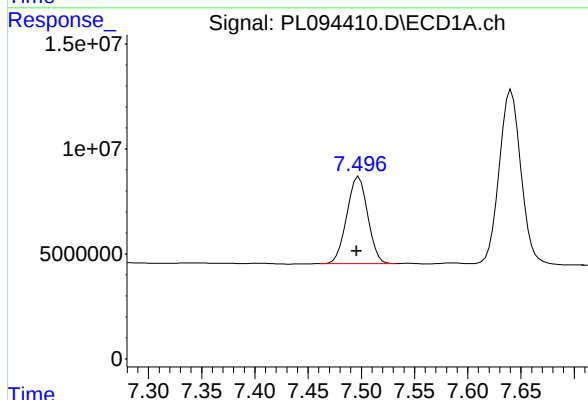
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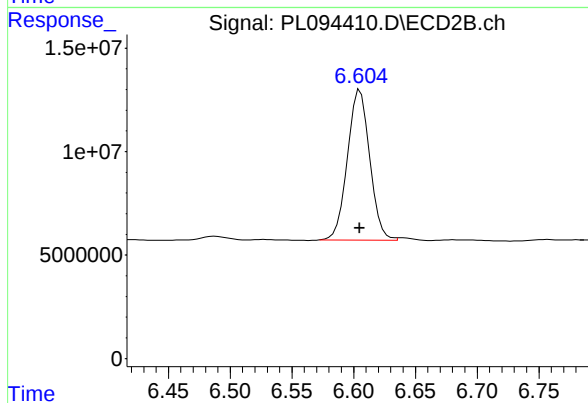
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.001 min
Response: 168770335
Conc: 45.69 ng/ml



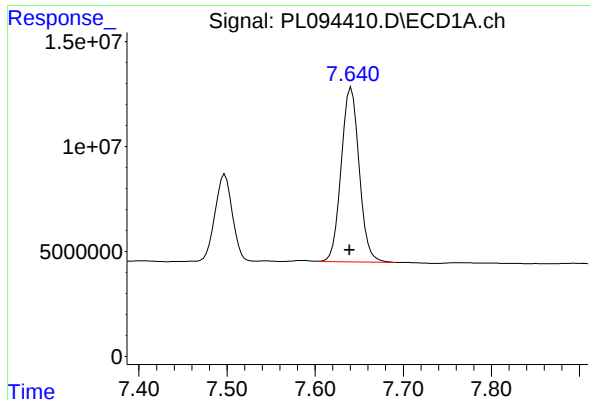
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.002 min
Response: 56315406
Conc: 50.69 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 91377441
Conc: 46.84 ng/ml



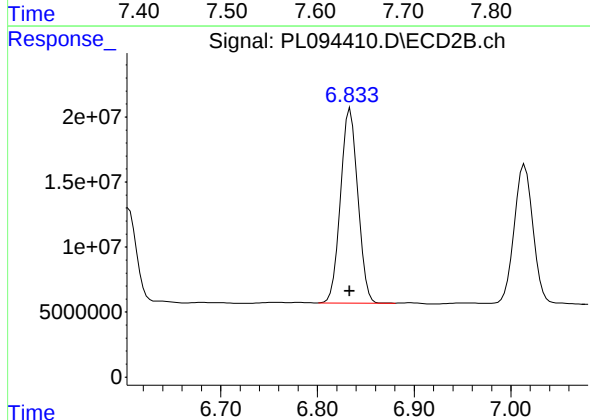
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.002 min
Response: 117960698
Conc: 47.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

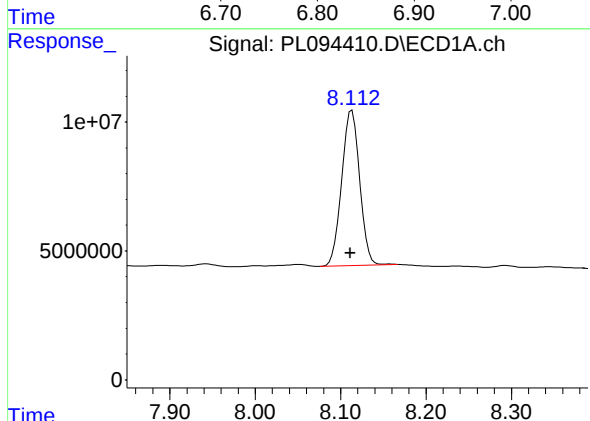
Manual Integrations
APPROVED

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



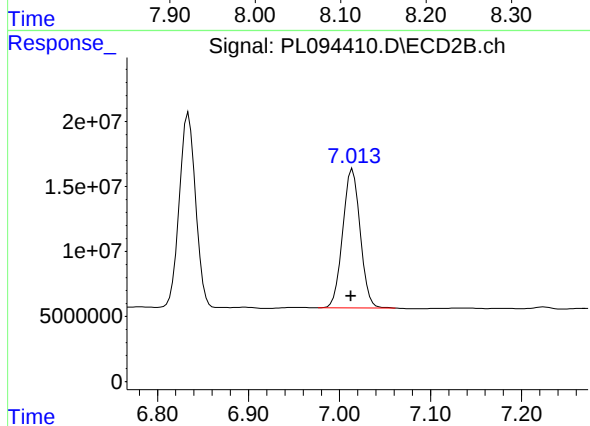
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 185279571
Conc: 43.42 ng/ml



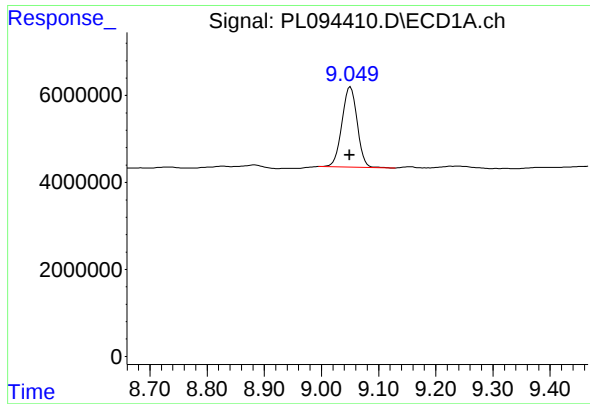
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.002 min
Response: 87930803
Conc: 42.62 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 142895504
Conc: 40.98 ng/ml



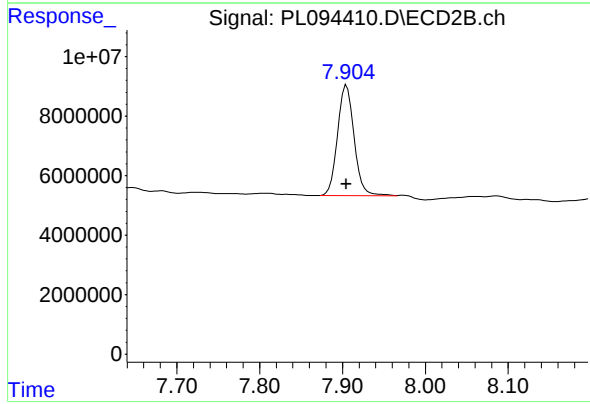
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: 0.002 min
Response: 34251747
Conc: 16.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MS

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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 51763002
Conc: 13.46 ng/ml