

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
 Data File : PL094266.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2025 16:39
 Operator : AR\AJ
 Sample : Q1382-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU4-PCS-TC-01-021725MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/20/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 01:12:54 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	2.772	54270209	67579309	20.154m	20.703
2) SA Decachlor...	9.051	7.906	38394438	68693428	18.354	19.604
Target Compounds						
2) A alpha-BHC	3.993	3.274	165.7E6	222.9E6	43.213	45.598
3) MA gamma-BHC...	4.325	3.604	160.5E6	214.0E6	43.592	45.141
4) MA Heptachlor	4.911	3.942	157.3E6	225.4E6	48.010m	48.432
5) MB Aldrin	5.254	4.221	149.5E6	215.3E6	45.704	47.196
6) B beta-BHC	4.524	3.904	72853601	94239368	45.326	47.180
7) B delta-BHC	4.771	4.133	158.8E6	216.4E6	45.290	45.537
8) B Heptachlo...	5.681	4.724	139.1E6	200.5E6	46.784	47.973
9) A Endosulfan I	6.067	5.093	123.2E6	191.9E6	46.620	49.487
10) B gamma-Chl...	5.937	4.973	138.7E6	219.4E6	49.764	51.770
11) B alpha-Chl...	6.015	5.037	133.1E6	210.2E6	47.738	50.197
12) B 4,4'-DDE	6.190	5.226	121.5E6	199.3E6	49.921	49.712
13) MA Dieldrin	6.341	5.357	130.3E6	214.5E6	46.931	49.927
14) MA Endrin	6.570	5.631	114.1E6	202.5E6	48.642m	54.838m
15) B Endosulfa...	6.792	5.926	110.9E6	191.5E6	46.042	51.710m
16) A 4,4'-DDD	6.707	5.781	94547778	156.7E6	49.747	49.651
17) MA 4,4'-DDT	7.021	6.030	101.3E6	183.0E6	51.347	56.224
18) B Endrin al...	6.921	6.107	87216646	144.3E6	44.863	47.391
19) B Endosulfa...	7.156	6.330	106.1E6	179.6E6	46.881	50.377
20) A Methoxychlor	7.497	6.606	53796982	95500192	51.559	53.408
21) B Endrin ke...	7.641	6.835	117.9E6	208.4E6	46.719	49.675
22) Mirex	8.113	7.014	92349398	168.7E6	44.346	49.892

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
Data File : PL094266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:39
Operator : AR\AJ
Sample : Q1382-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

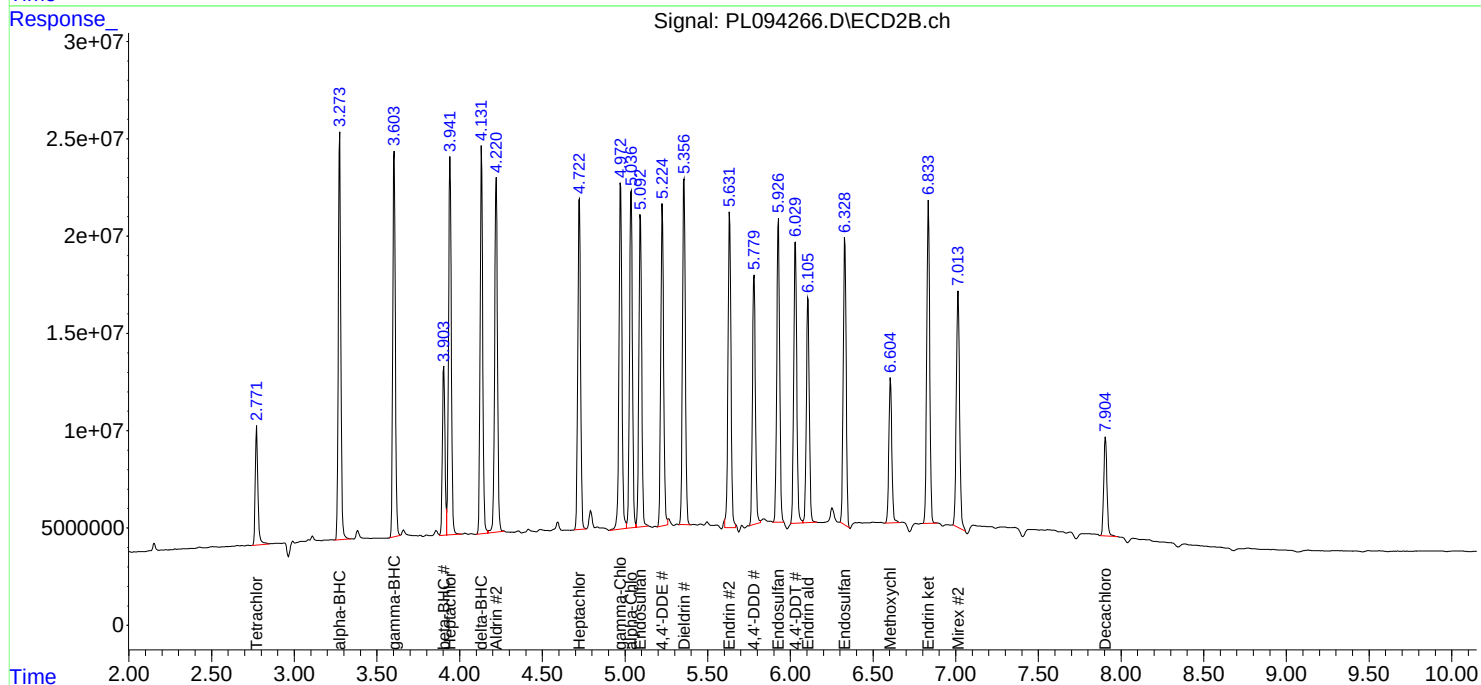
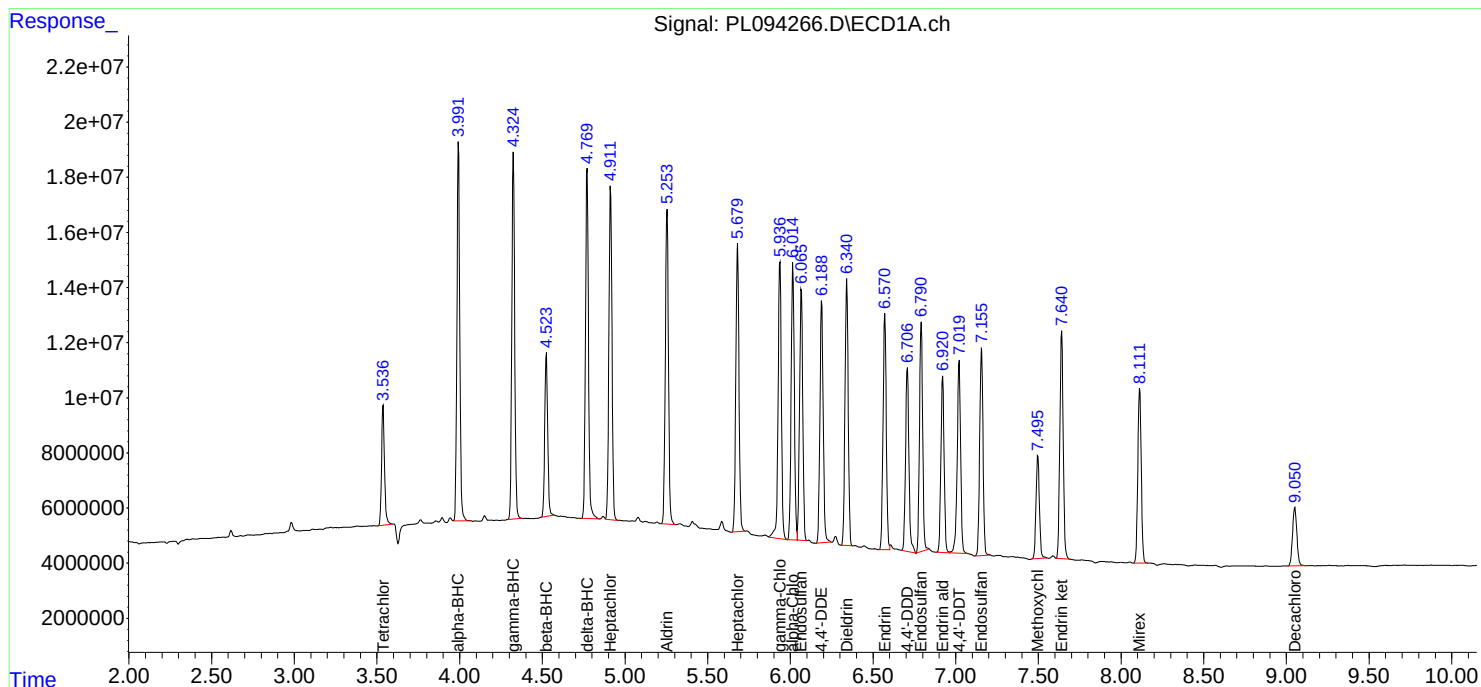
Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

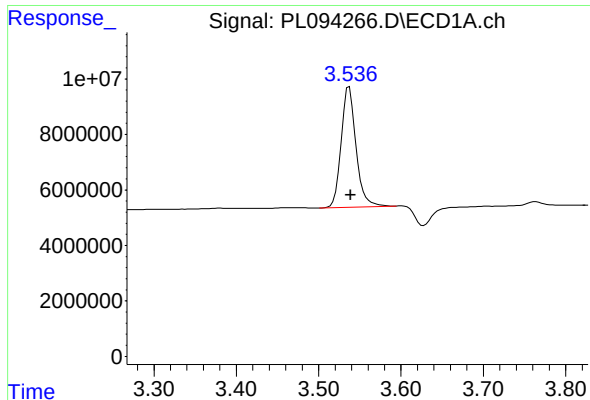
Manual Integrations
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Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:12:54 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





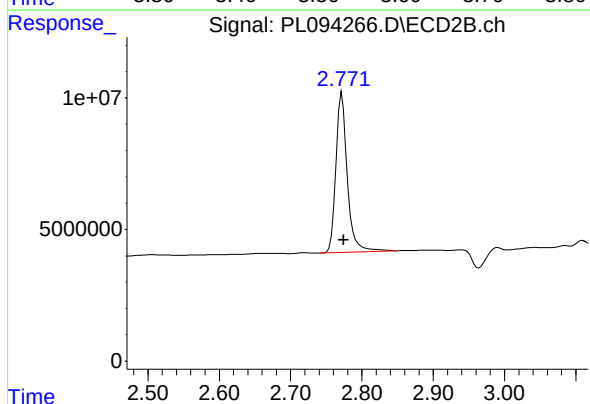
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 54270209
Conc: 20.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

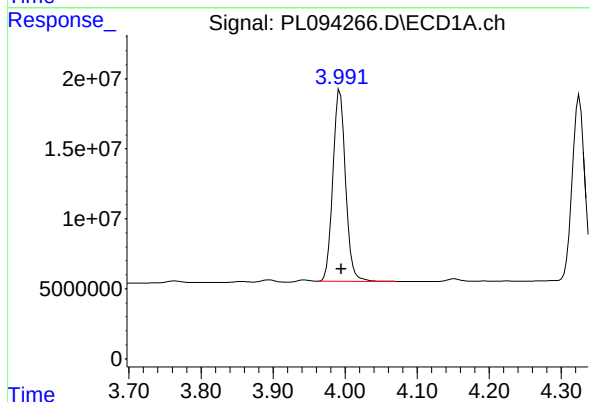
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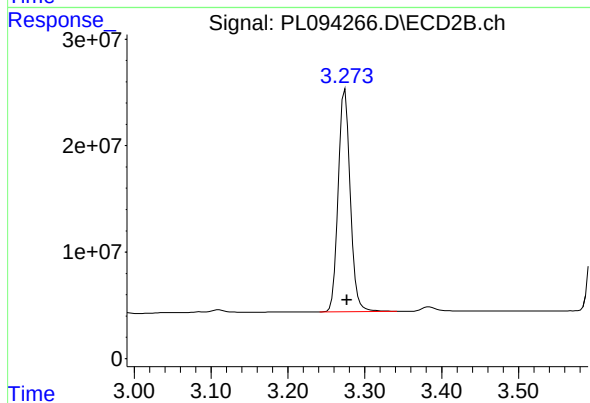
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.002 min
Response: 67579309
Conc: 20.70 ng/ml



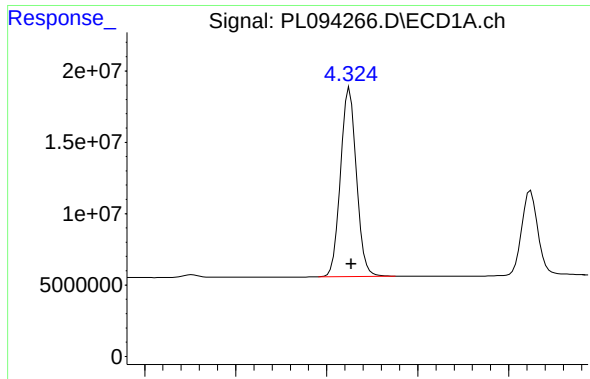
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 165673374
Conc: 43.21 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 222929719
Conc: 45.60 ng/ml



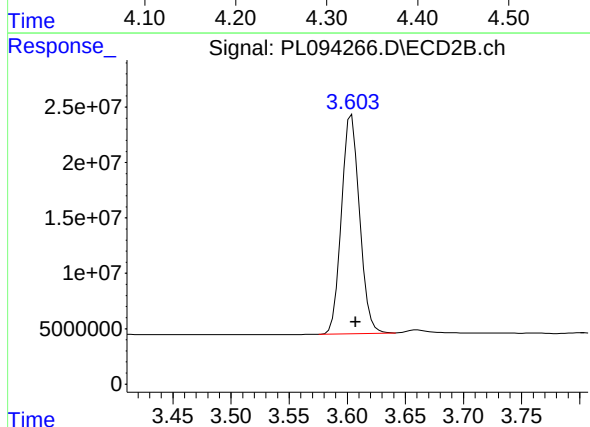
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 160543329
Conc: 43.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

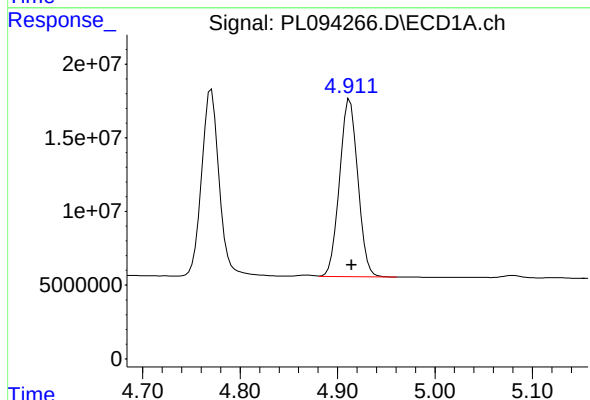
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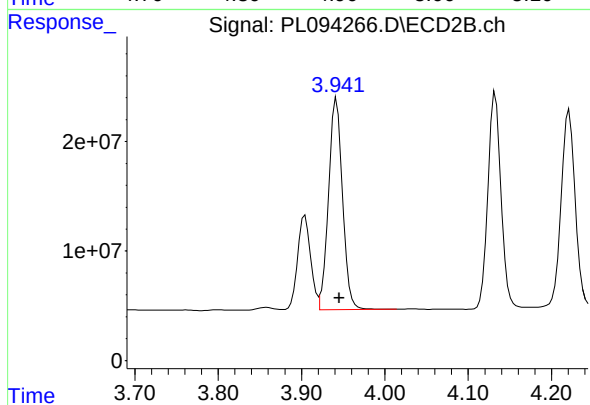
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 214024463
Conc: 45.14 ng/ml



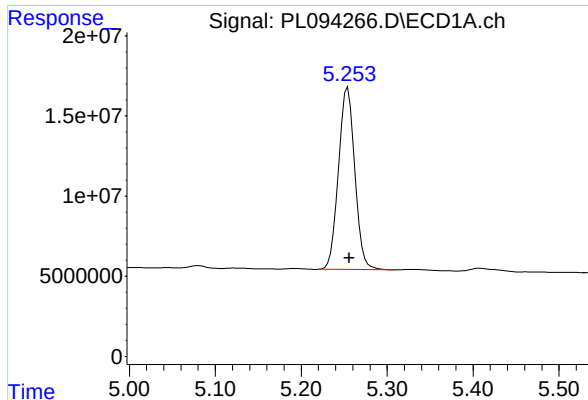
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 157344332
Conc: 48.01 ng/ml m



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 225439285
Conc: 48.43 ng/ml



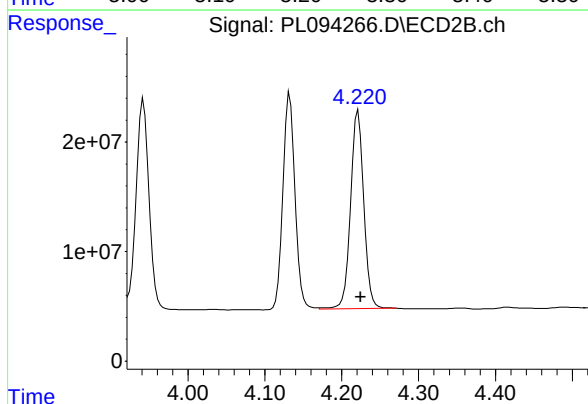
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.001 min
Response: 149542624
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

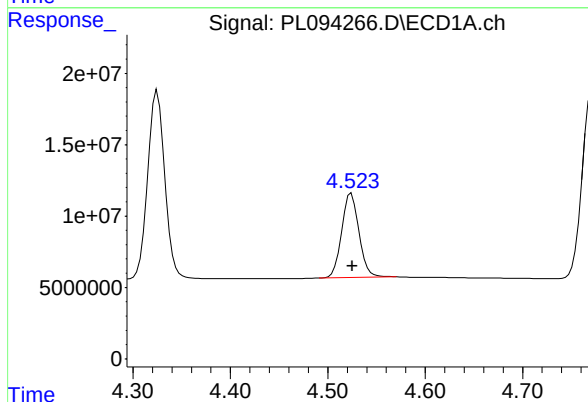
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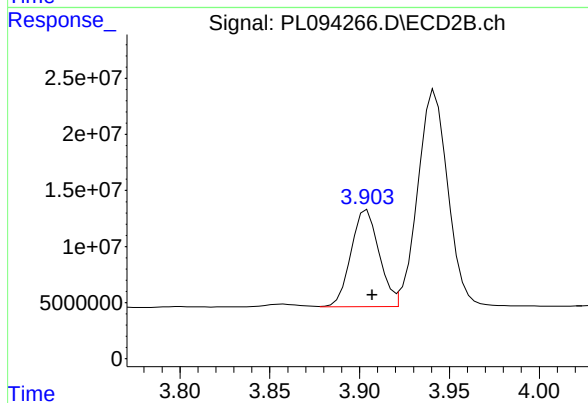
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.003 min
Response: 215297802
Conc: 47.20 ng/ml



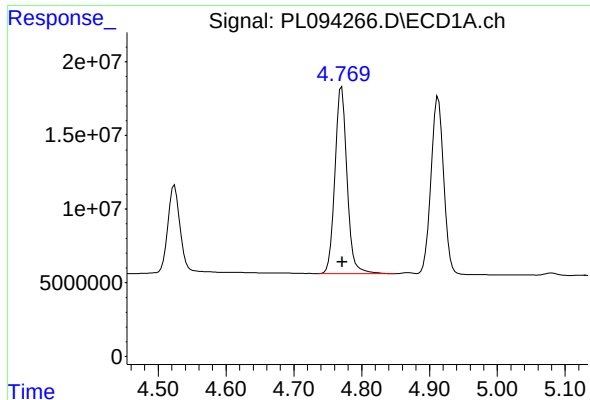
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 72853601
Conc: 45.33 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 94239368
Conc: 47.18 ng/ml



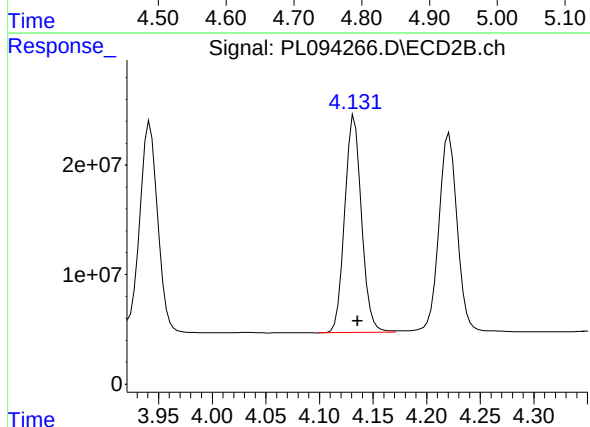
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 158753471
Conc: 45.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

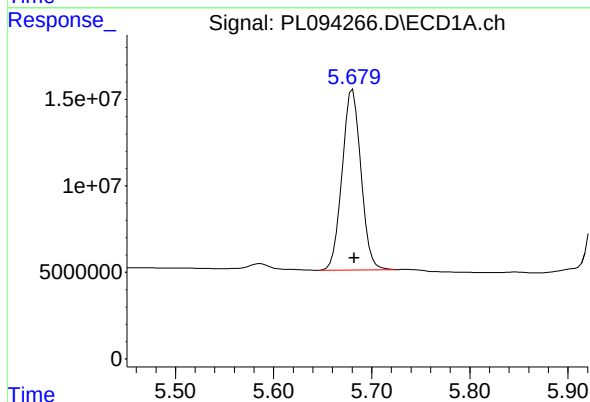
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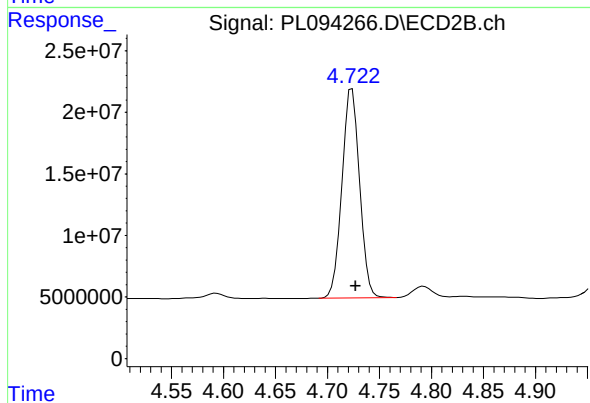
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 216357449
Conc: 45.54 ng/ml



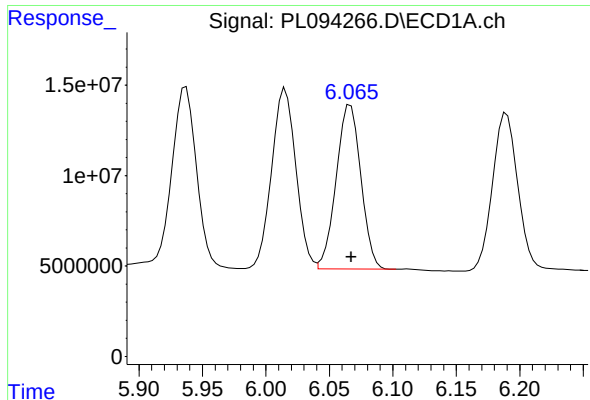
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 139128244
Conc: 46.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 200538971
Conc: 47.97 ng/ml



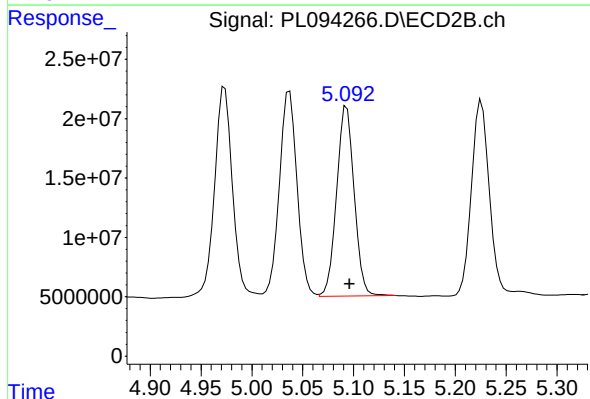
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 123211168
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

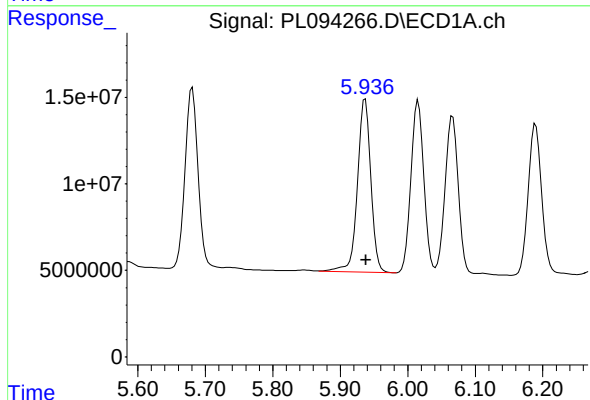
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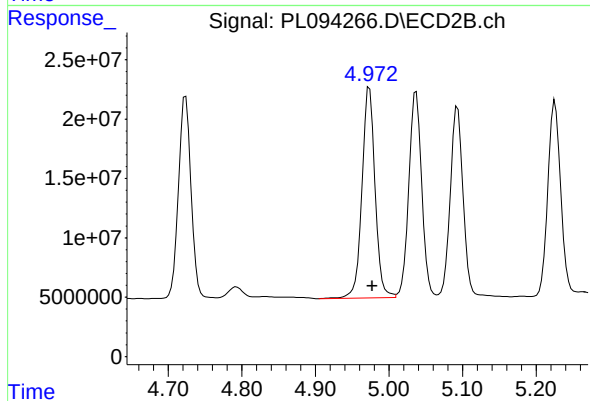
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 191857319
Conc: 49.49 ng/ml



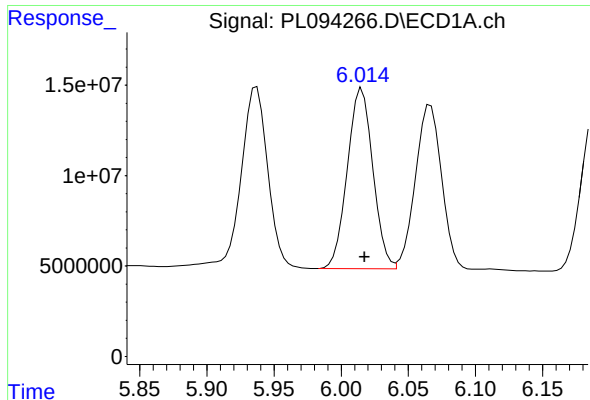
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 138710185
Conc: 49.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 219380858
Conc: 51.77 ng/ml



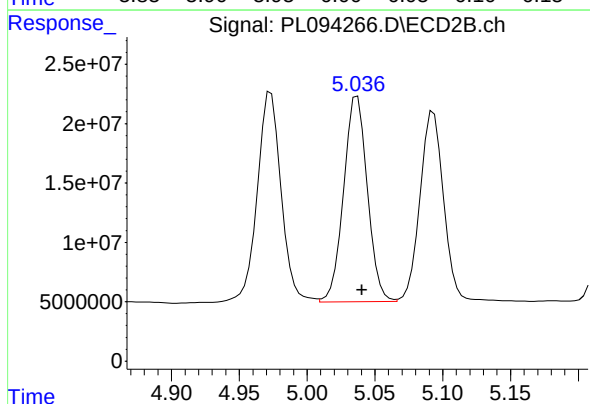
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.002 min
Response: 133112554
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

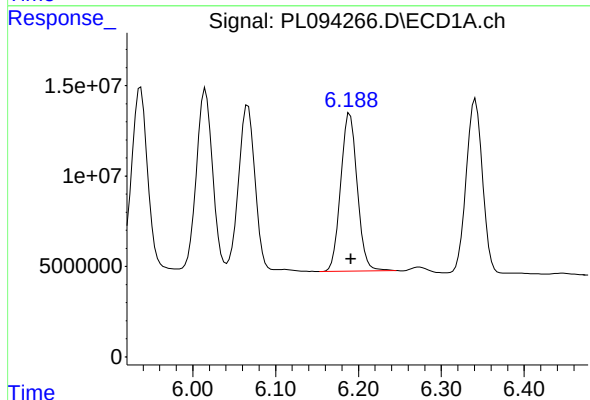
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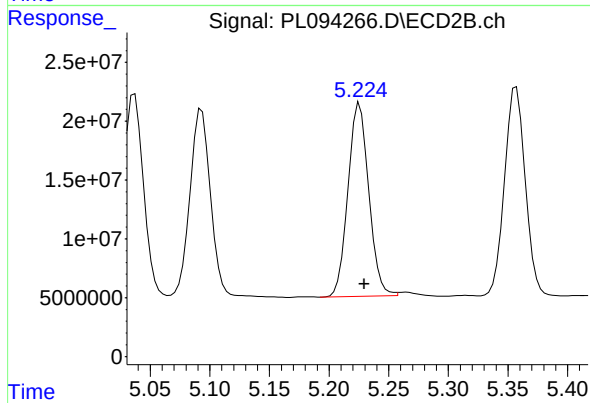
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 210153881
Conc: 50.20 ng/ml



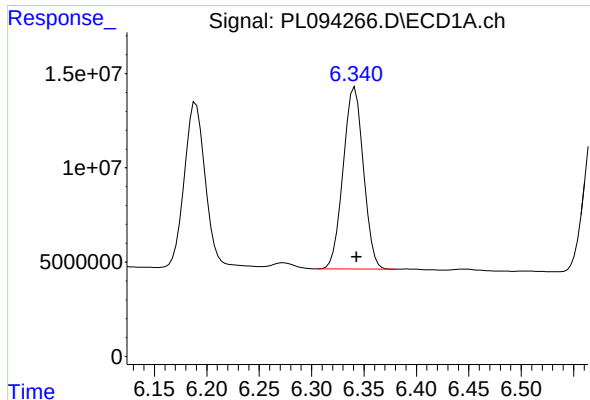
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 121537481
Conc: 49.92 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.004 min
Response: 199320274
Conc: 49.71 ng/ml



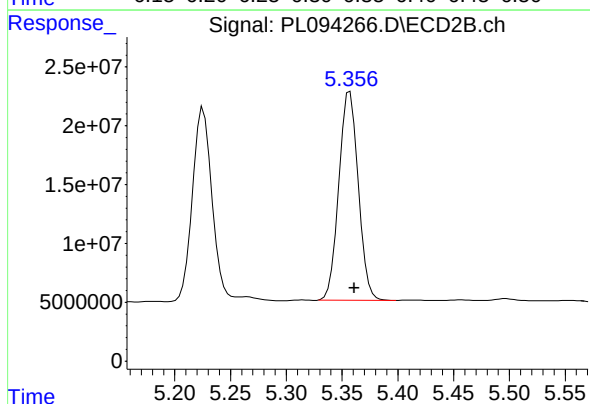
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.002 min
Response: 130274658
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

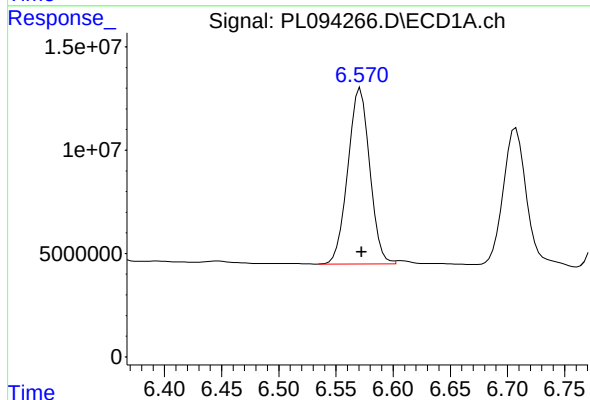
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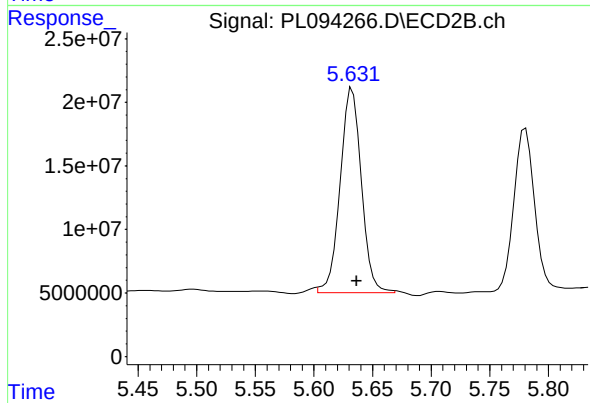
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 214470414
Conc: 49.93 ng/ml



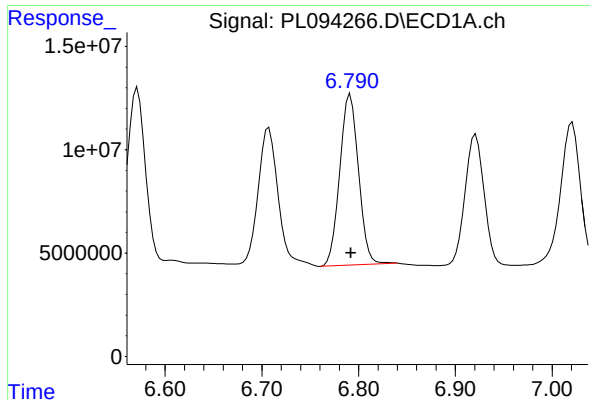
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 114056331
Conc: 48.64 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.005 min
Response: 202499292
Conc: 54.84 ng/ml m



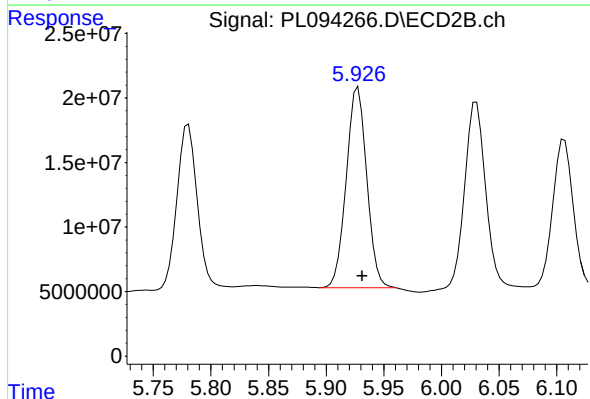
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 110932086
Conc: 46.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

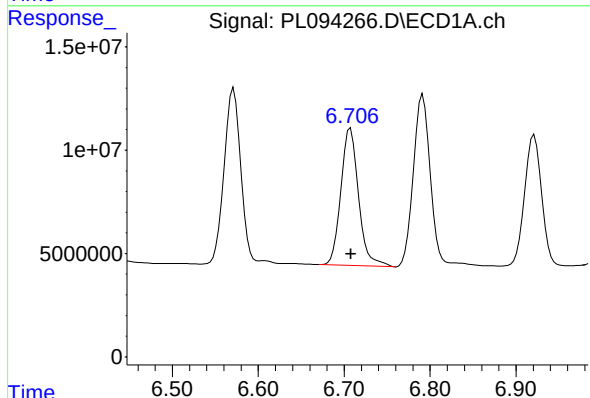
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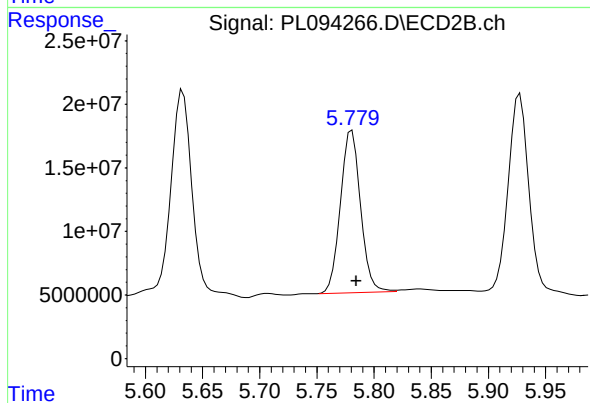
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 191523400
Conc: 51.71 ng/ml m



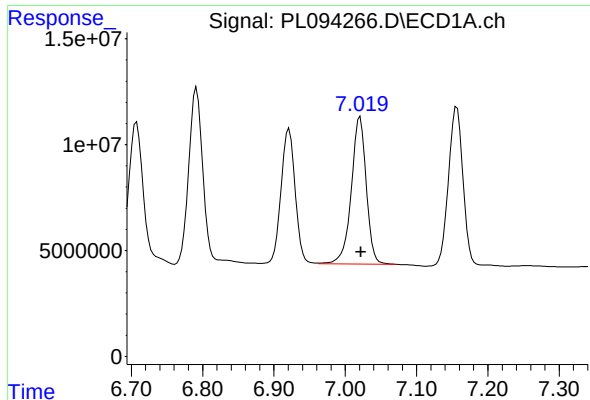
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 94547778
Conc: 49.75 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 156724543
Conc: 49.65 ng/ml



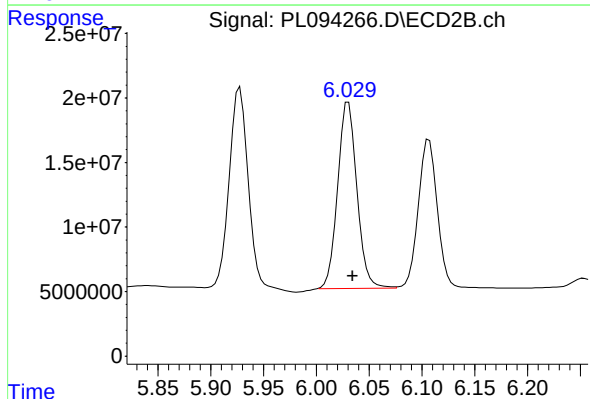
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 101258805
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

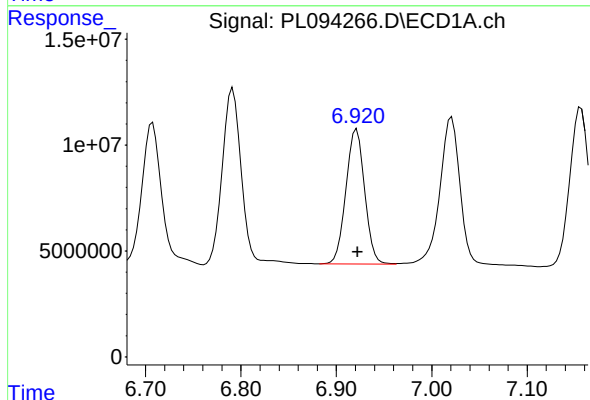
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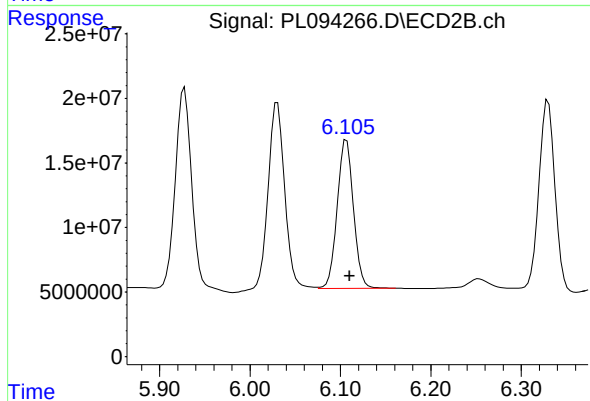
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 182956889
Conc: 56.22 ng/ml



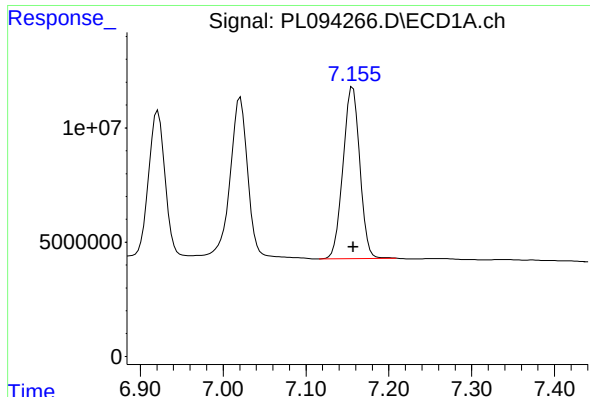
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 87216646
Conc: 44.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 144287253
Conc: 47.39 ng/ml



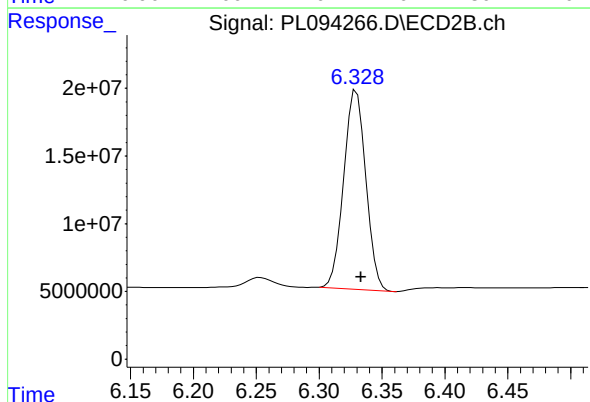
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 106125577
Conc: 46.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

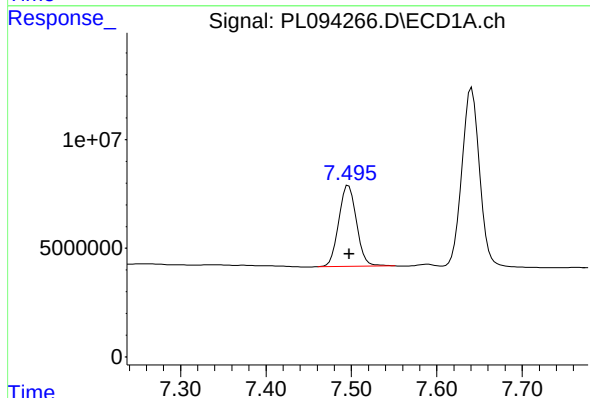
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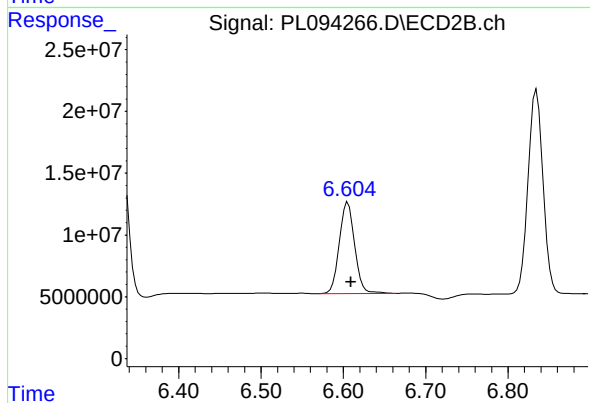
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.004 min
Response: 179647564
Conc: 50.38 ng/ml



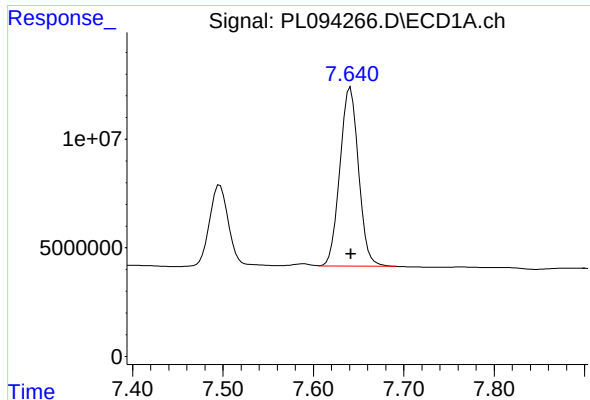
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 53796982
Conc: 51.56 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.004 min
Response: 95500192
Conc: 53.41 ng/ml



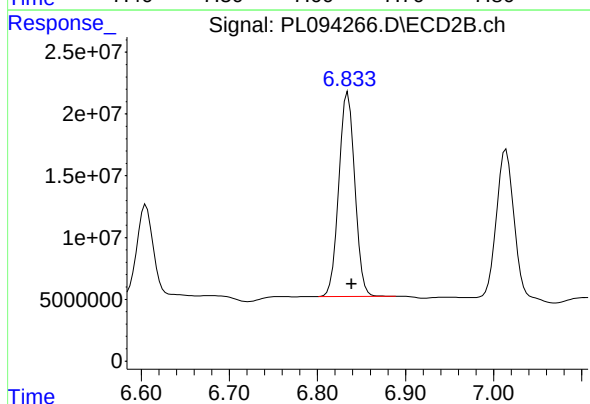
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 117855584
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-01-021725MSD

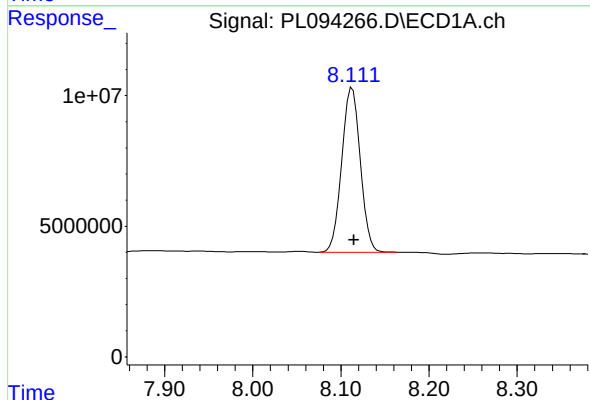
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



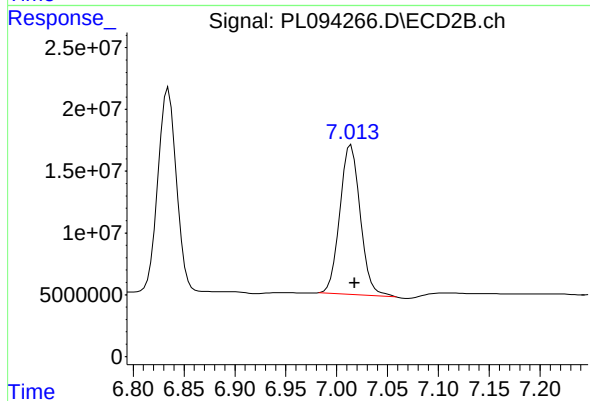
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.004 min
Response: 208397073
Conc: 49.67 ng/ml



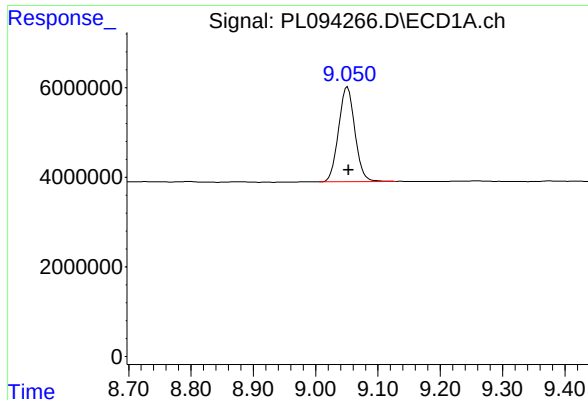
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.002 min
Response: 92349398
Conc: 44.35 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 168729843
Conc: 49.89 ng/ml



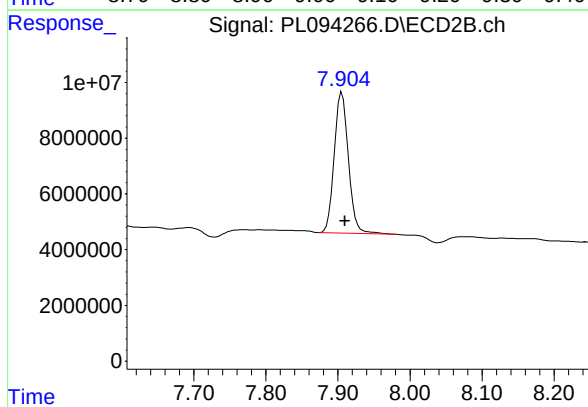
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.002 min
Response: 38394438
Conc: 18.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.004 min
Response: 68693428
Conc: 19.60 ng/ml