

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
 Data File : PL094283.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Feb 2025 20:29
 Operator : AR\AJ
 Sample : Q1383-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OU4-PCS-TC-11-021725MS

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 01:18:02 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...	3.535	2.772	59038415	73404942	21.925m	22.488
28) SA Decachlor...	9.050	7.905	45917399	74745275	21.950	21.331
Target Compounds						
2) A alpha-BHC	3.992	3.274	158.7E6	216.3E6	41.390	44.242
3) MA gamma-BHC...	4.325	3.604	153.0E6	206.6E6	41.533	43.578
4) MA Heptachlor	4.911	3.941	148.9E6	213.3E6	45.448m	45.826
5) MB Aldrin	5.253	4.221	140.7E6	200.5E6	43.009	43.949
6) B beta-BHC	4.523	3.903	70548312	90690778	43.892	45.404
7) B delta-BHC	4.770	4.132	150.1E6	205.9E6	42.812	43.333
8) B Heptachlo...	5.680	4.723	130.5E6	190.6E6	43.876	45.587
9) A Endosulfan I	6.065	5.093	115.5E6	180.2E6	43.711	46.469
10) B gamma-Chl...	5.936	4.973	129.2E6	205.3E6	46.347	48.447
11) B alpha-Chl...	6.015	5.036	124.6E6	197.7E6	44.672	47.213
12) B 4,4'-DDE	6.189	5.225	117.1E6	189.3E6	48.086	47.208
13) MA Dieldrin	6.340	5.357	121.7E6	197.9E6	43.852	46.069
14) MA Endrin	6.569	5.631	106.6E6	181.2E6	45.462m	49.083m
15) B Endosulfa...	6.789	5.926	104.7E6	182.7E6	43.475m	49.324m
16) A 4,4'-DDD	6.706	5.780	91750668	152.7E6	48.276	48.376
17) MA 4,4'-DDT	7.020	6.030	96974064	167.3E6	49.174	51.414
18) B Endrin al...	6.920	6.106	81934870	131.7E6	42.146	43.246
19) B Endosulfa...	7.155	6.329	99038645	165.8E6	43.750	46.481
20) A Methoxychlor	7.496	6.605	51457324	85483045	49.317	47.806
21) B Endrin ke...	7.639	6.834	109.9E6	190.3E6	43.550	45.364
22) Mirex	8.112	7.014	84910182	144.4E6	40.773	42.692

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021925\
Data File : PL094283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:29
Operator : AR\AJ
Sample : Q1383-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

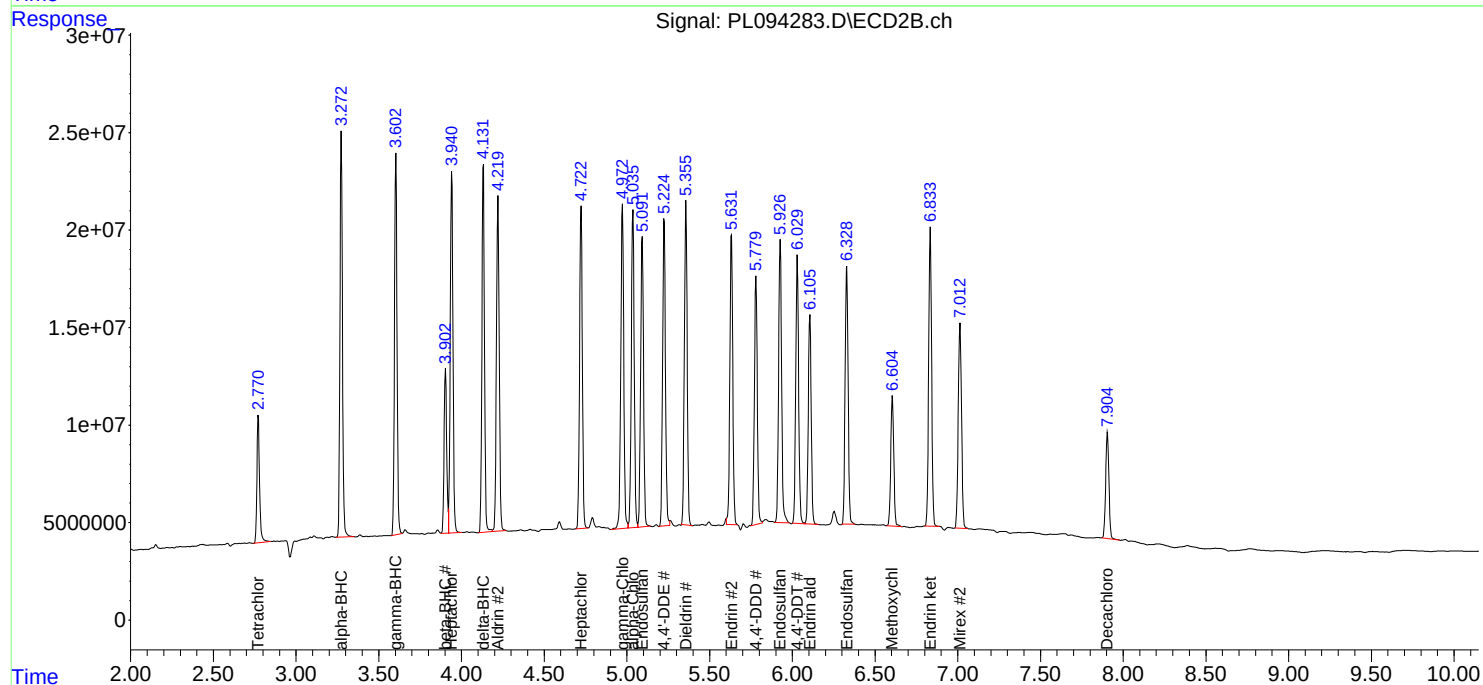
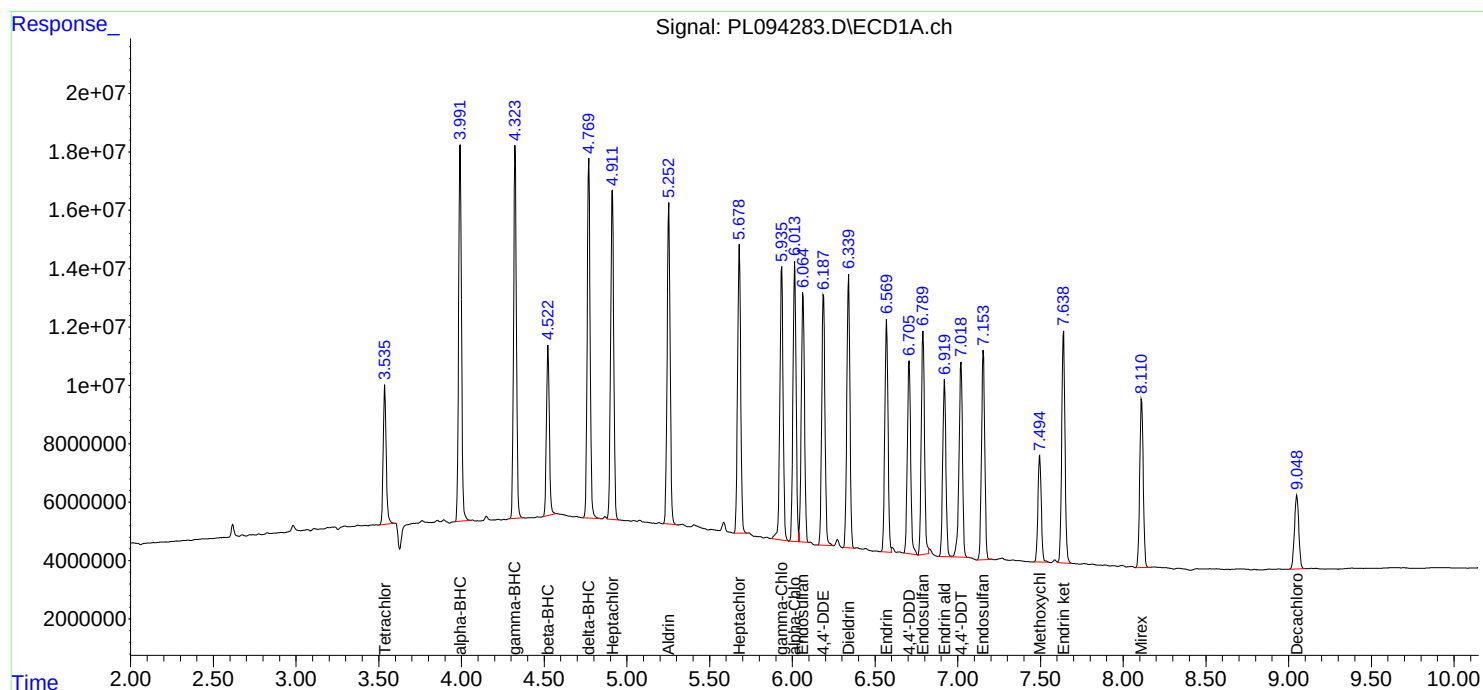
Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

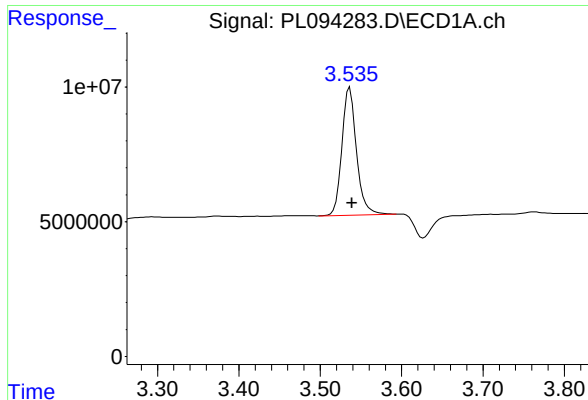
Manual Integrations
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Reviewed By :Abdul Mirza 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:18:02 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





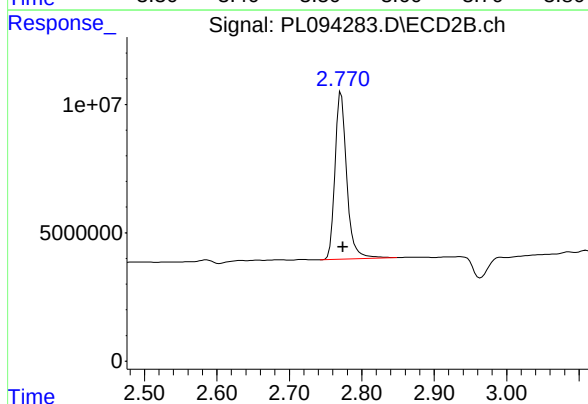
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.004 min
Response: 59038415
Conc: 21.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

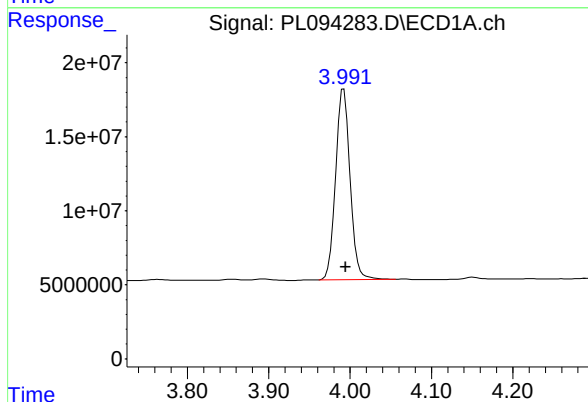
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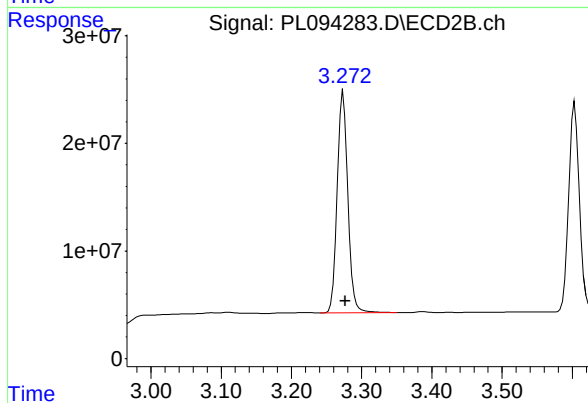
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.003 min
Response: 73404942
Conc: 22.49 ng/ml



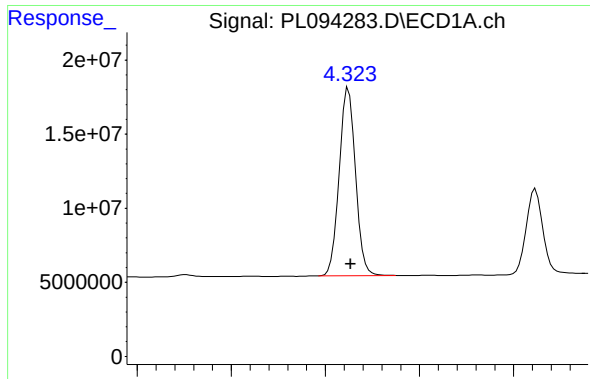
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 158682445
Conc: 41.39 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 216299097
Conc: 44.24 ng/ml



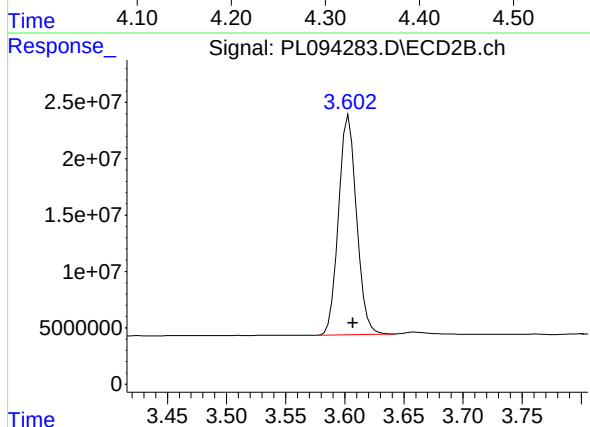
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 152960122
Conc: 41.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

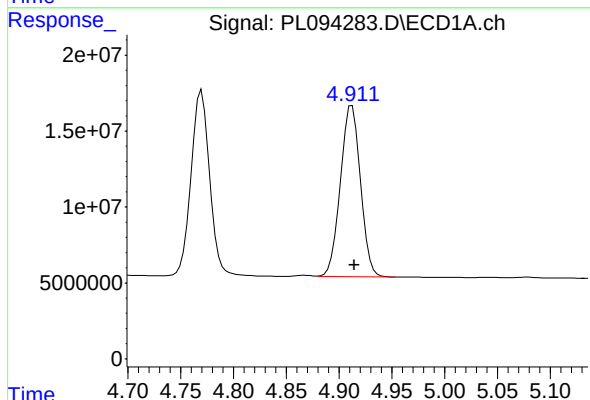
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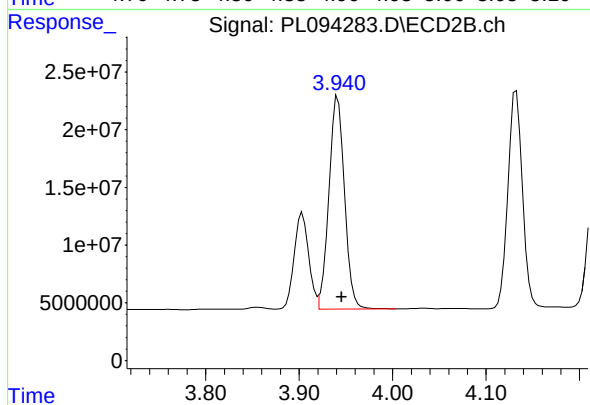
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.004 min
Response: 206611615
Conc: 43.58 ng/ml



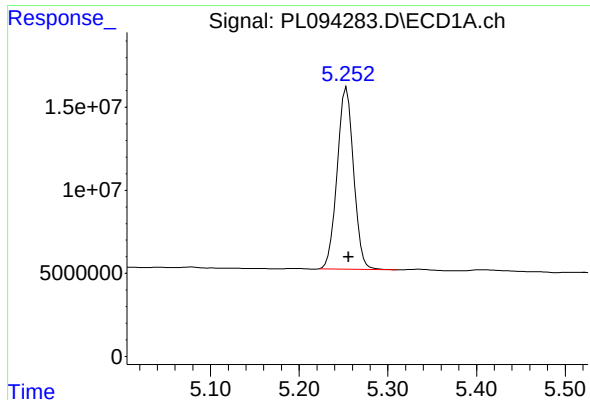
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.004 min
Response: 148949228
Conc: 45.45 ng/ml m



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.004 min
Response: 213308463
Conc: 45.83 ng/ml



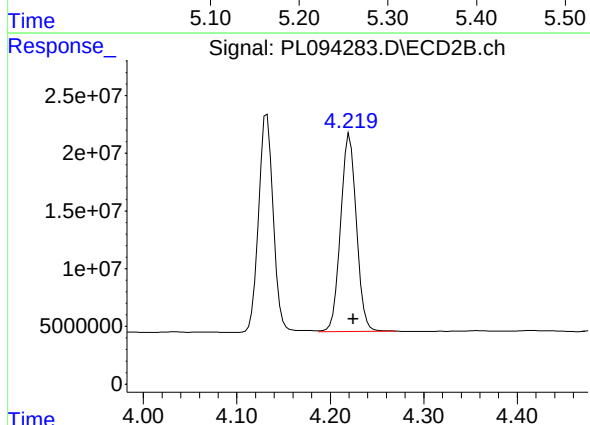
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.002 min
Response: 140723800
Conc: 43.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

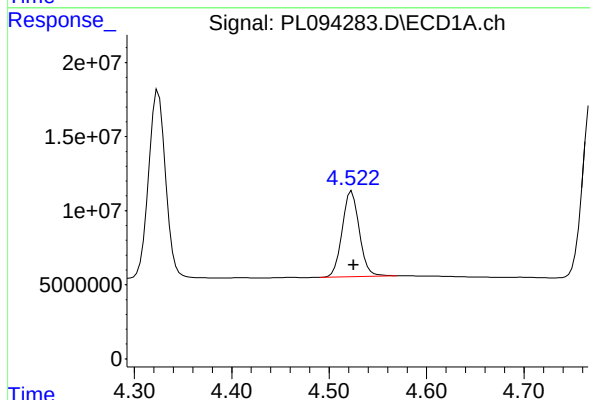
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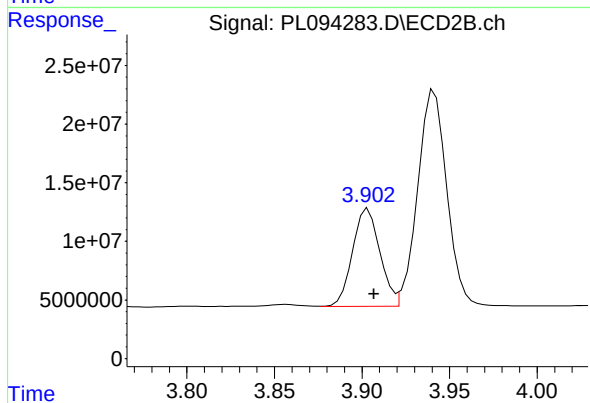
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.004 min
Response: 200485763
Conc: 43.95 ng/ml



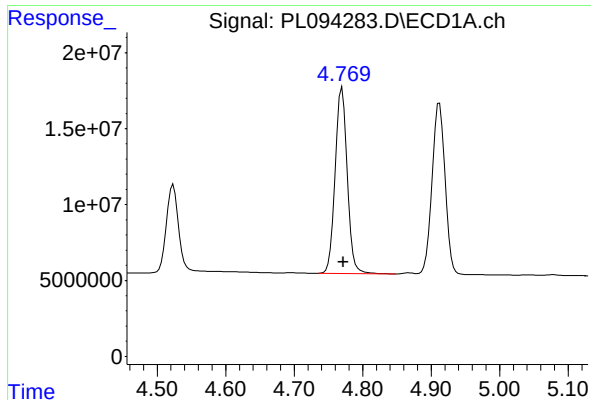
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 70548312
Conc: 43.89 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.003 min
Response: 90690778
Conc: 45.40 ng/ml



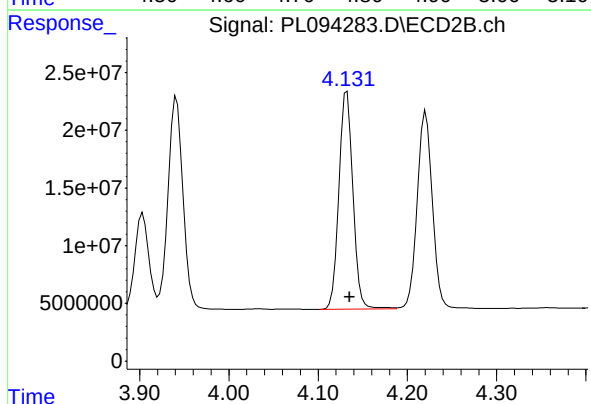
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 150067682
Conc: 42.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

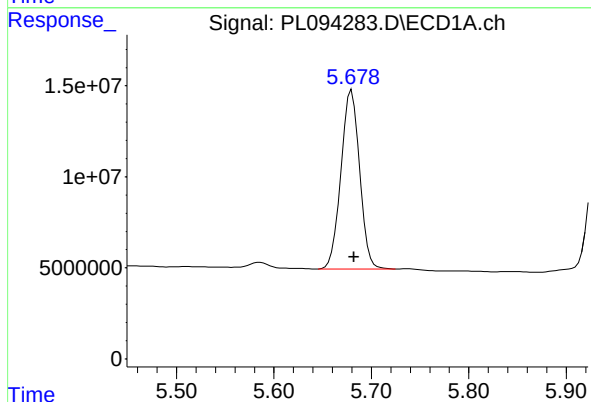
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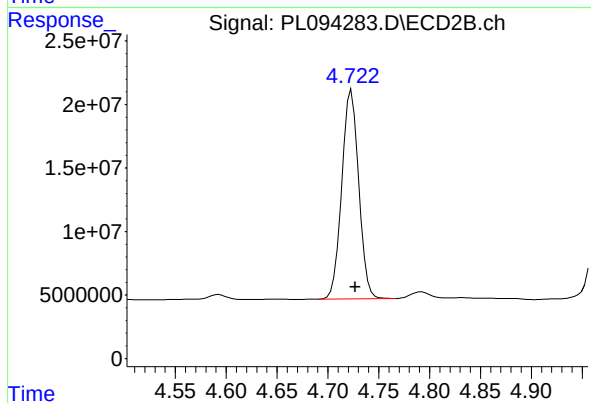
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.003 min
Response: 205884459
Conc: 43.33 ng/ml



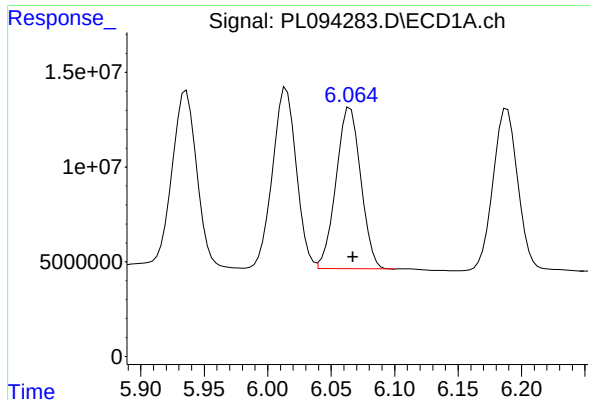
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.002 min
Response: 130480987
Conc: 43.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 190564032
Conc: 45.59 ng/ml



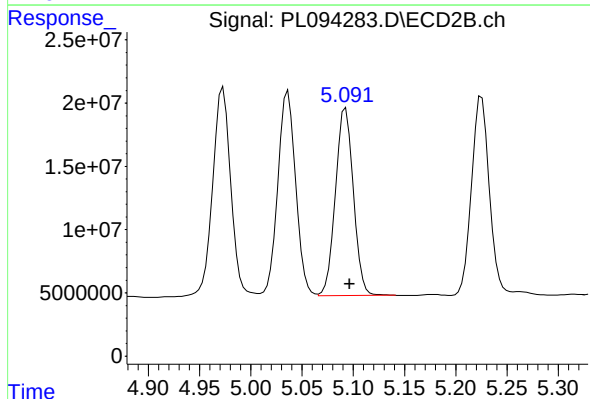
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.002 min
Response: 115523010
Conc: 43.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

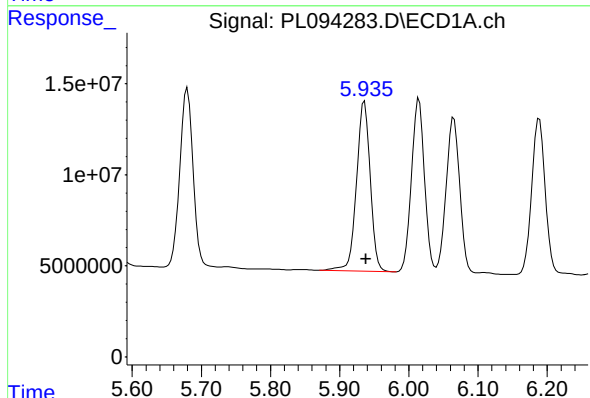
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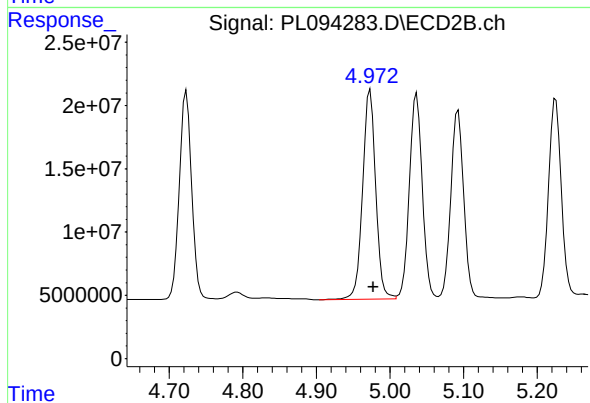
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.004 min
Response: 180154864
Conc: 46.47 ng/ml



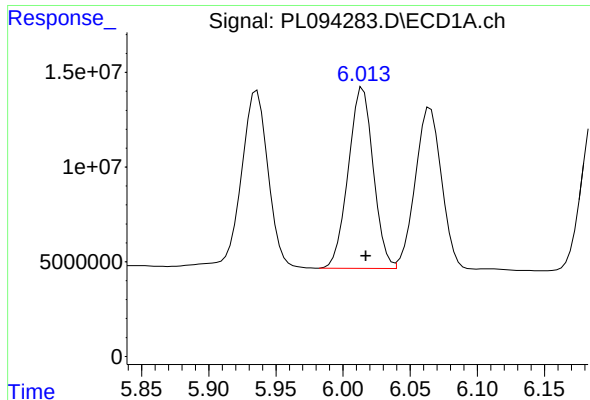
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 129186256
Conc: 46.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 205302048
Conc: 48.45 ng/ml



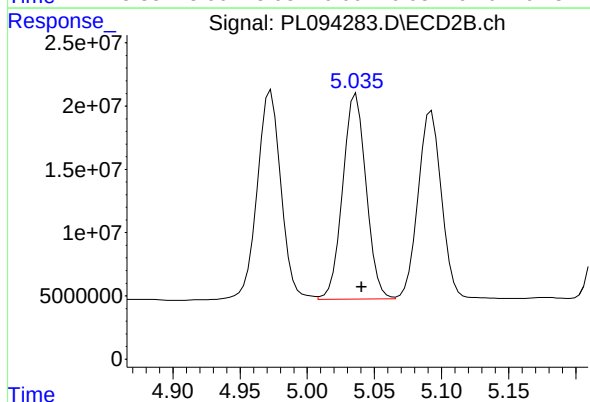
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 124564375
Conc: 44.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

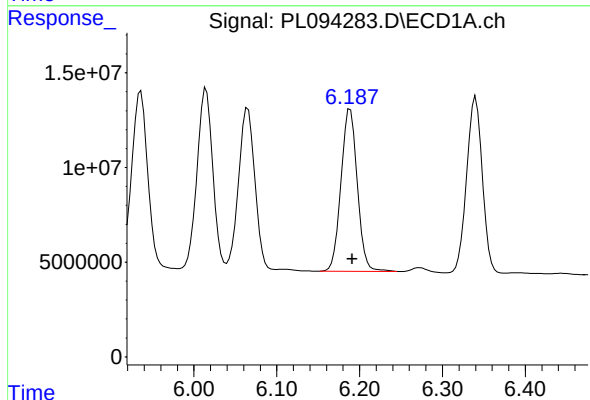
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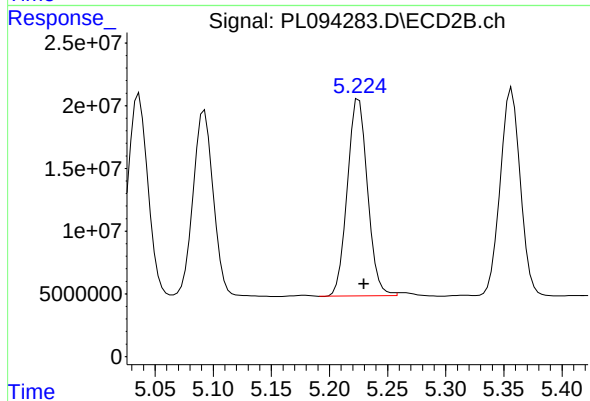
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.004 min
Response: 197658395
Conc: 47.21 ng/ml



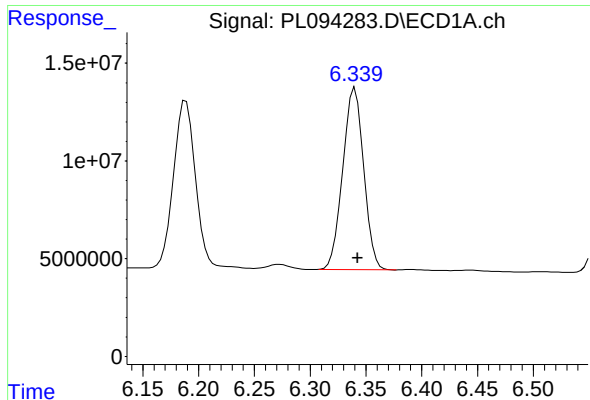
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 117070831
Conc: 48.09 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.004 min
Response: 189277791
Conc: 47.21 ng/ml



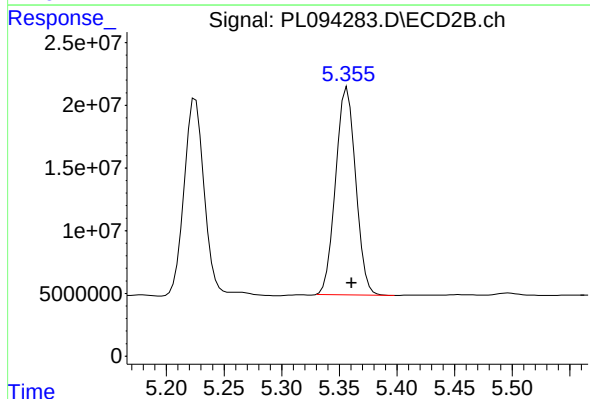
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.003 min
Response: 121726184
Conc: 43.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

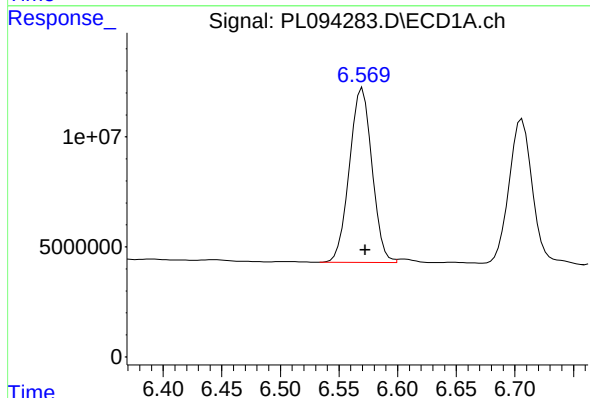
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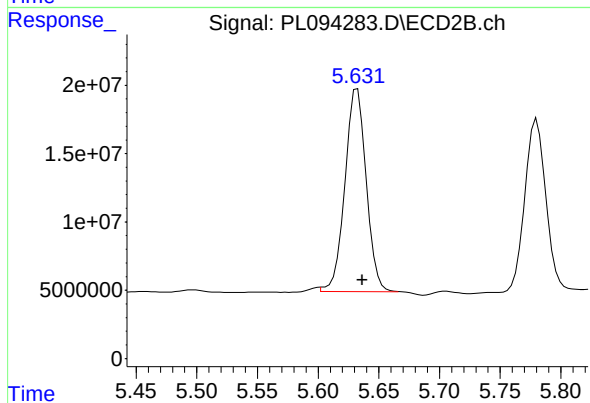
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.004 min
Response: 197896568
Conc: 46.07 ng/ml



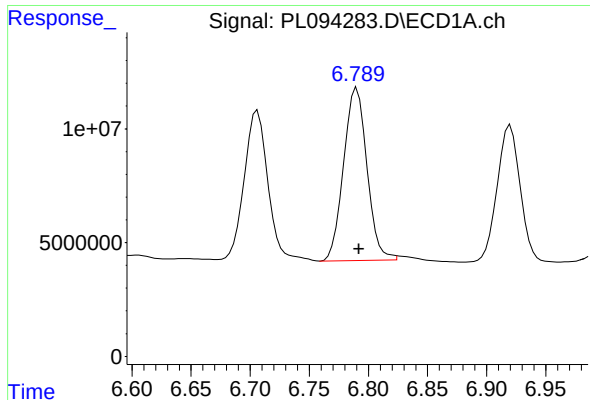
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 106599437
Conc: 45.46 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.006 min
Response: 181248222
Conc: 49.08 ng/ml m



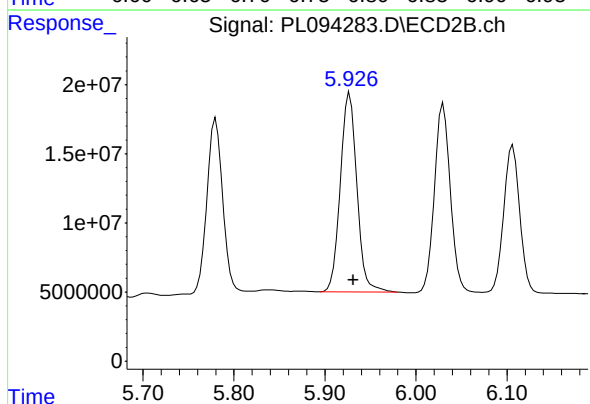
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.003 min
Response: 104745826
Conc: 43.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

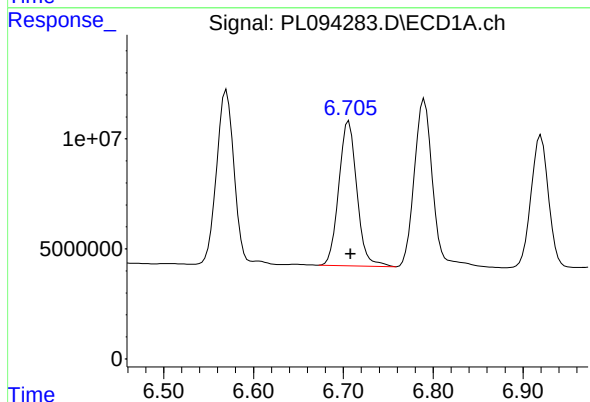
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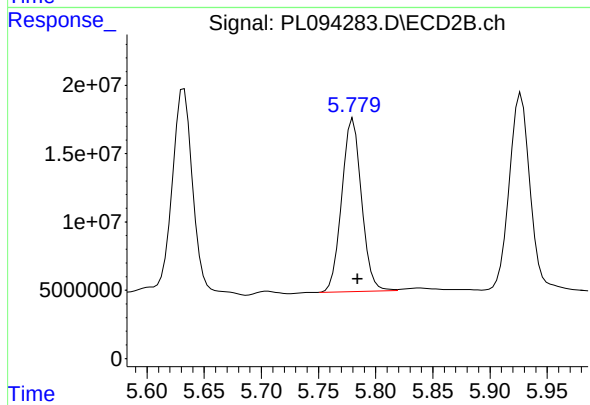
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.006 min
Response: 182688556
Conc: 49.32 ng/ml m



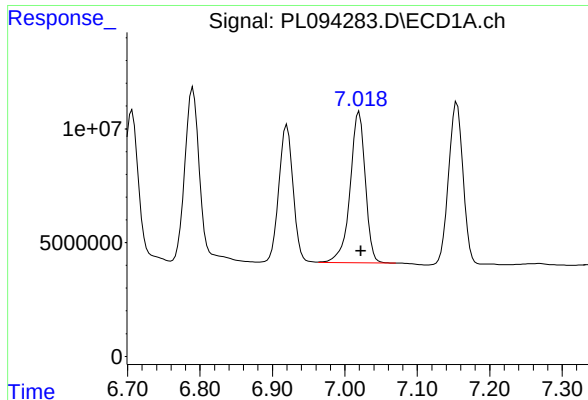
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.002 min
Response: 91750668
Conc: 48.28 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.004 min
Response: 152699765
Conc: 48.38 ng/ml



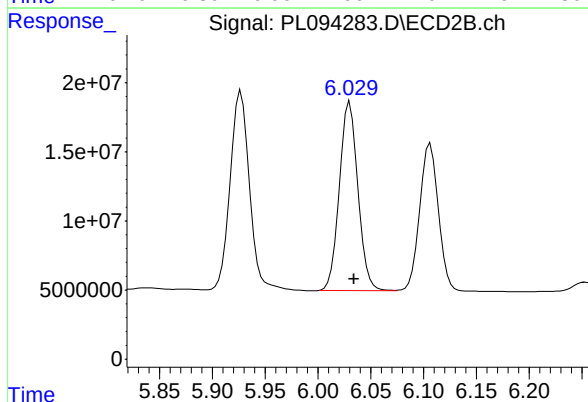
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 96974064
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

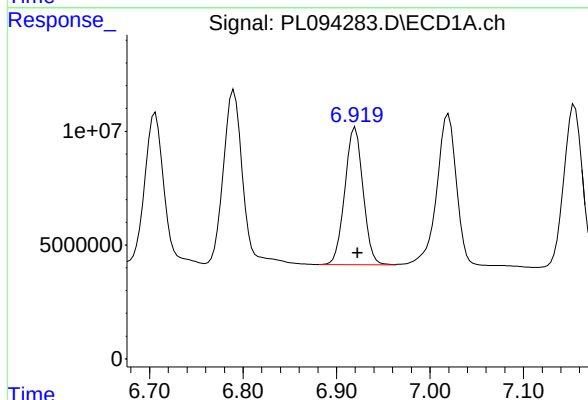
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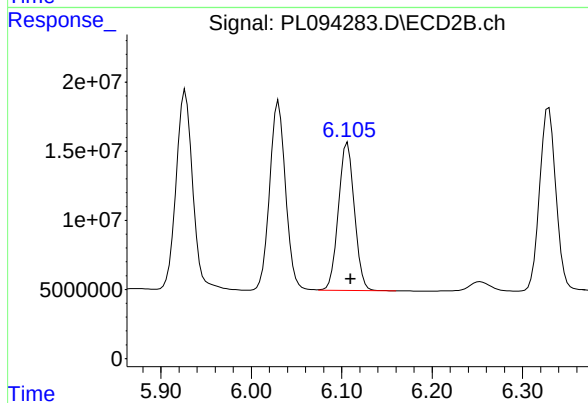
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 167303417
Conc: 51.41 ng/ml



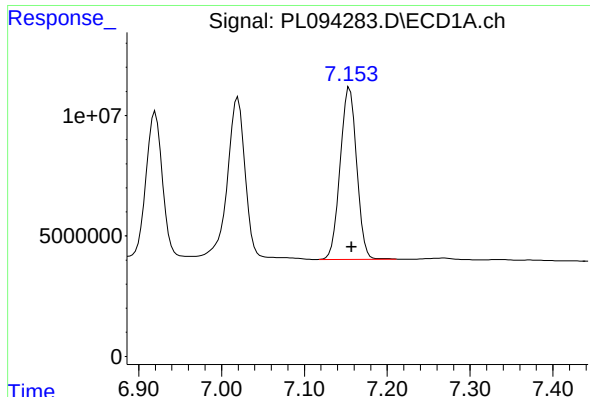
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 81934870
Conc: 42.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 131668853
Conc: 43.25 ng/ml



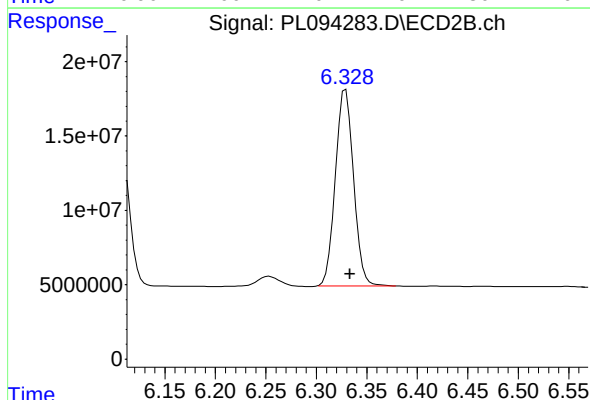
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 99038645
Conc: 43.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

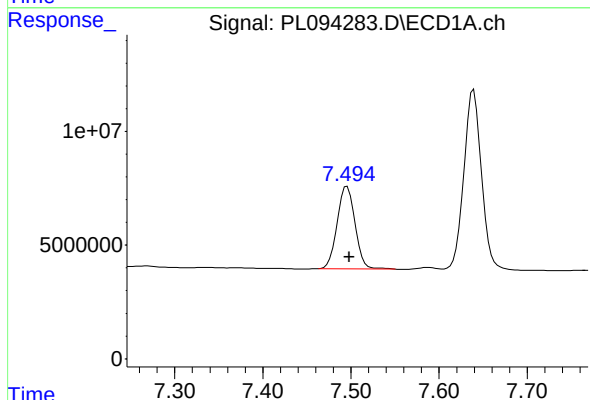
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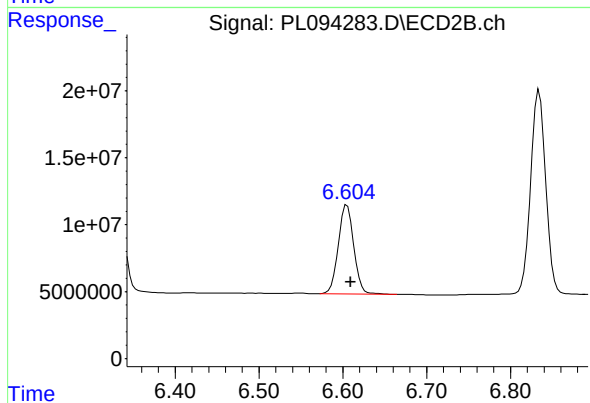
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 165756201
Conc: 46.48 ng/ml



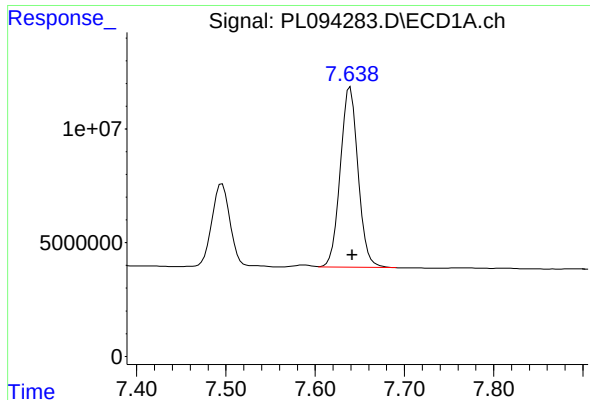
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 51457324
Conc: 49.32 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.004 min
Response: 85483045
Conc: 47.81 ng/ml



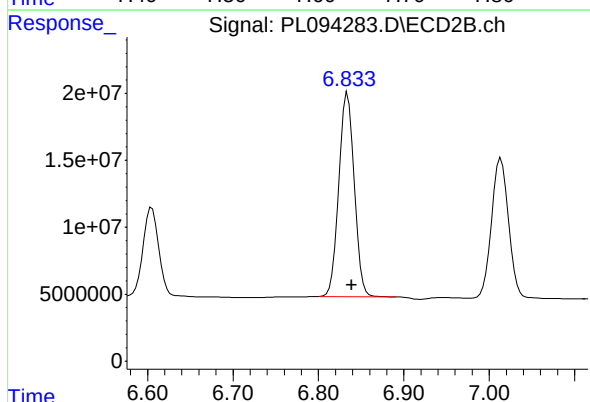
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 109861111
Conc: 43.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
OU4-PCS-TC-11-021725MS

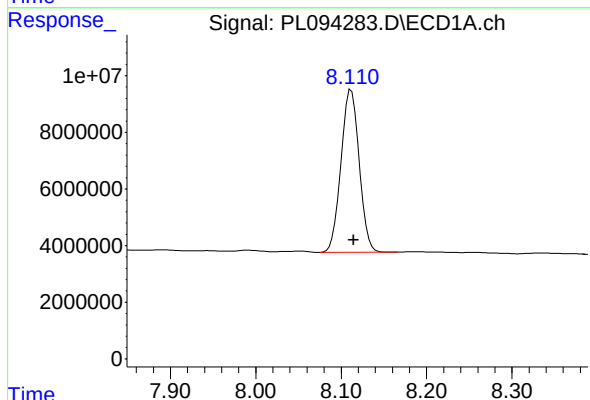
Manual Integrations
APPROVED

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



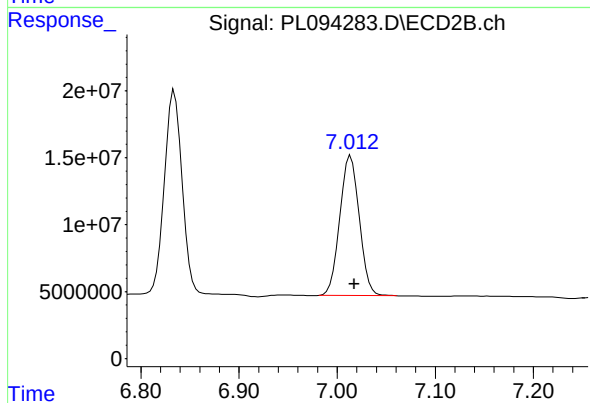
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.005 min
Response: 190312468
Conc: 45.36 ng/ml



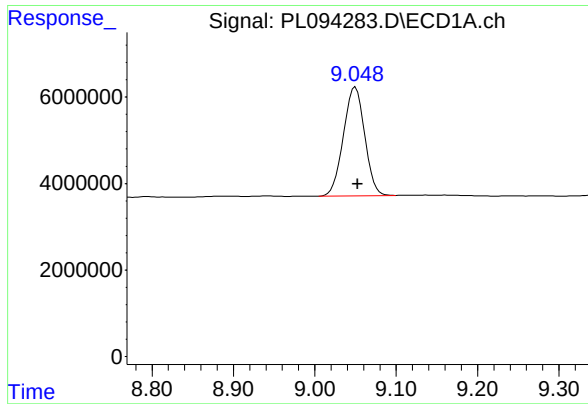
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.003 min
Response: 84910182
Conc: 40.77 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.004 min
Response: 144379522
Conc: 42.69 ng/ml



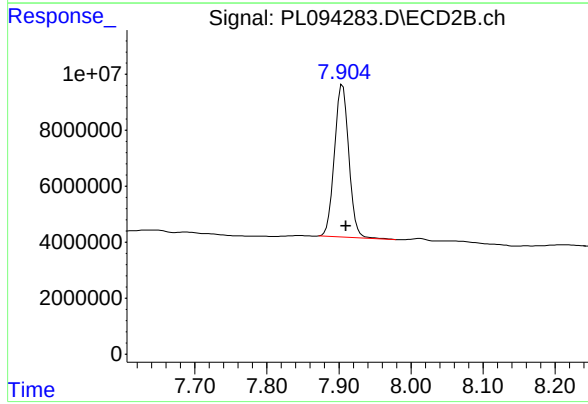
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.003 min
Response: 45917399
Conc: 21.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.005 min
Response: 74745275
Conc: 21.33 ng/ml