

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020425\
 Data File : PL094048.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Feb 2025 13:57
 Operator : AR\AJ
 Sample : Q1280-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11984MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 01:40:18 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...	3.538	2.773	42196637	71154948	15.670m	21.799m#
28) SA Decachlor...	9.054	7.906	36253766	82748313	17.330m	23.615m#
Target Compounds						
2) A alpha-BHC	3.995	3.276	159.5E6	196.5E6	41.610	40.187m
3) MA gamma-BHC...	4.327	3.605	197.3E6	185.3E6	53.565m	39.084m#
4) MA Heptachlor	4.916	3.945	143.0E6	198.5E6	43.626	42.652
5) MB Aldrin	5.256	4.225	150.4E6	198.5E6	45.966m	43.506
6) B beta-BHC	4.527	3.906	47156424	93175407	29.338m	46.647m#
7) B delta-BHC	4.774	4.134	152.5E6	203.0E6	43.498	42.722m
8) B Heptachlo...	5.683	4.726	126.6E6	195.3E6	42.564m	46.731m
9) A Endosulfan I	6.069	5.097	117.5E6	104.5E6	44.475	26.945m#
10) B gamma-Chl...	5.940	4.976	164.2E6	222.9E6	58.918	52.599m
11) B alpha-Chl...	6.018	5.041	156.4E6	230.7E6	56.073m	55.103
12) B 4,4'-DDE	6.191	5.228	77710111	181.4E6	31.919m	45.239m#
13) MA Dieldrin	6.345	5.360	119.5E6	187.7E6	43.040	43.684m
14) MA Endrin	6.573	5.635	96417378	175.8E6	41.119m	47.606m
15) B Endosulfa...	6.794	5.932	107.5E6	183.1E6	44.619	49.441
16) A 4,4'-DDD	6.710	5.784	102.4E6	127.6E6	53.869	40.429
17) MA 4,4'-DDT	7.025	6.033	90983129	147.4E6	46.136	45.299m
18) B Endrin al...	6.923	6.110	81245019	127.8E6	41.792m	41.975m
19) B Endosulfa...	7.160	6.334	100.3E6	159.9E6	44.299	44.851
20) A Methoxychlor	7.501	6.610	44692725	75290694	42.834	42.106
21) B Endrin ke...	7.644	6.837	157.9E6	170.3E6	62.597m	40.586m#
22) Mirex	8.118	7.019	82743432	115.6E6	39.733	34.176

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020425\
Data File : PL094048.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Feb 2025 13:57
Operator : AR\AJ
Sample : Q1280-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

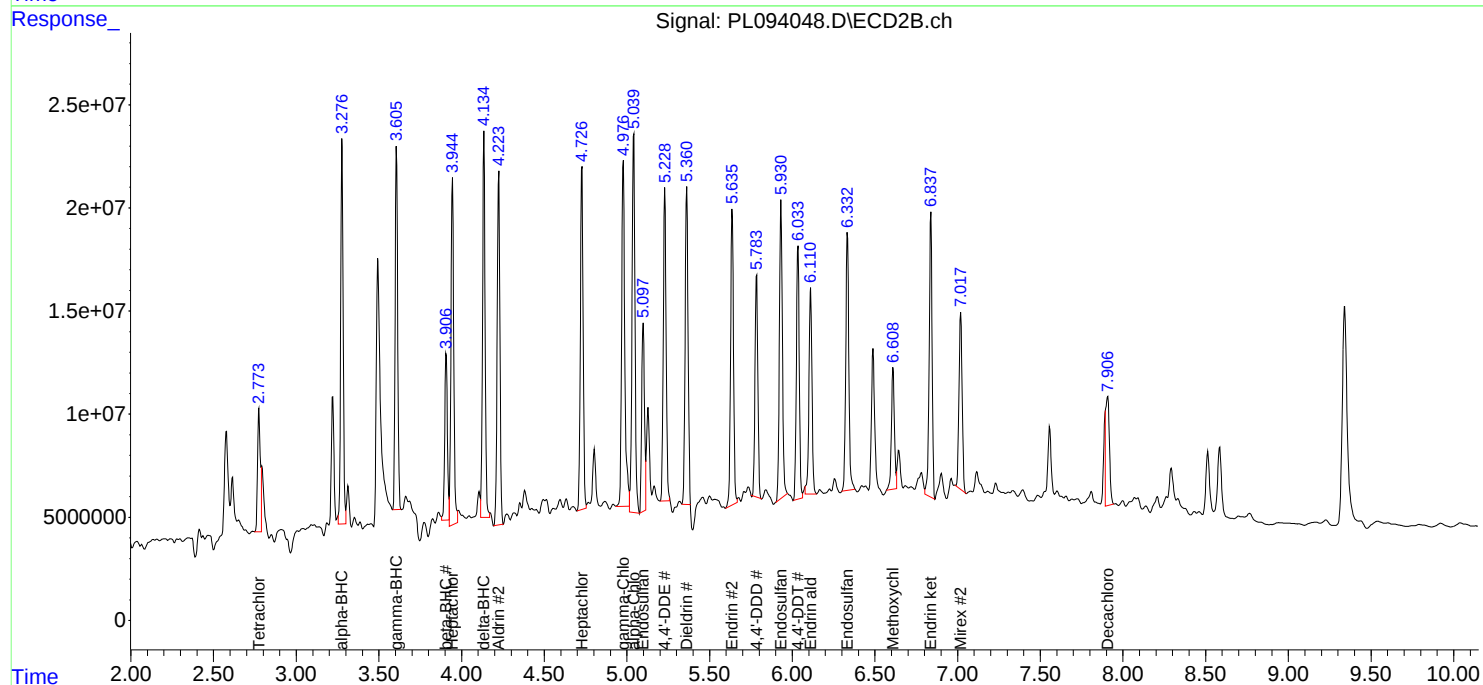
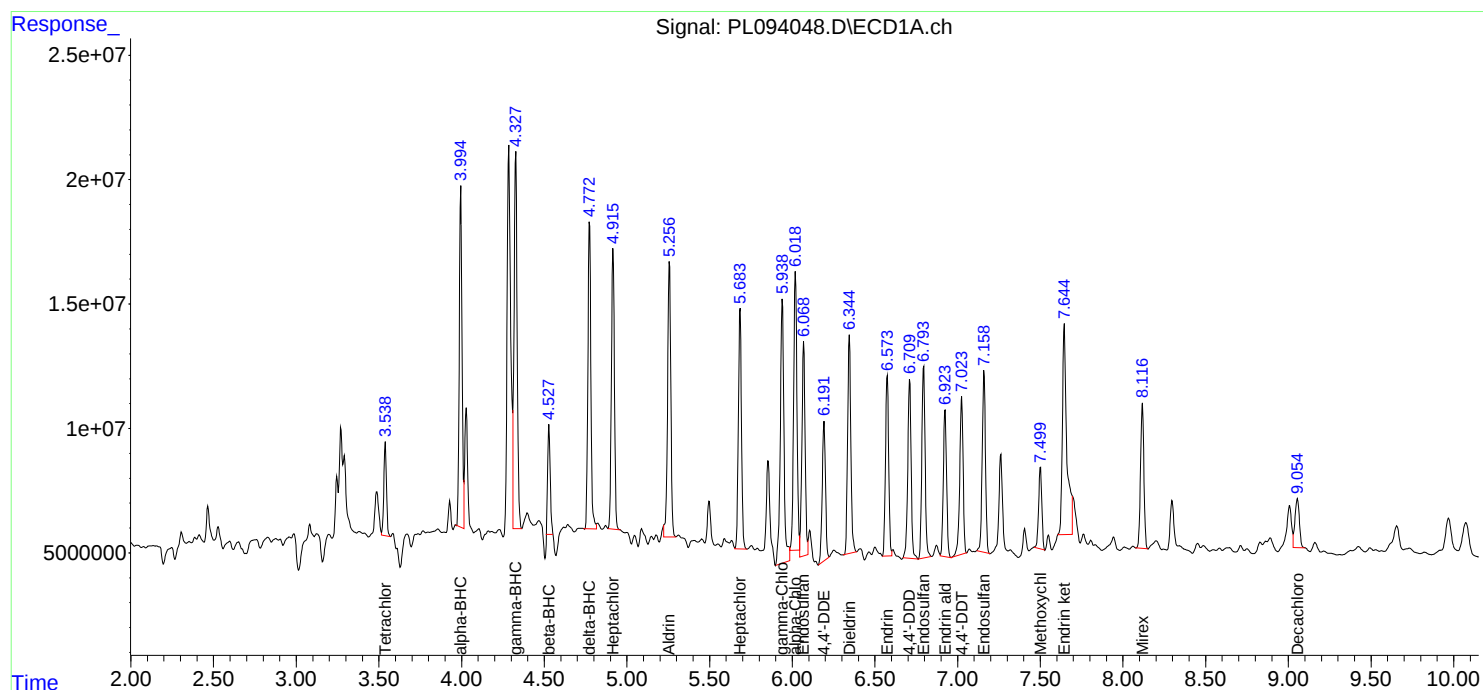
Instrument :
ECD_L
ClientSampleId :
72-11984MS

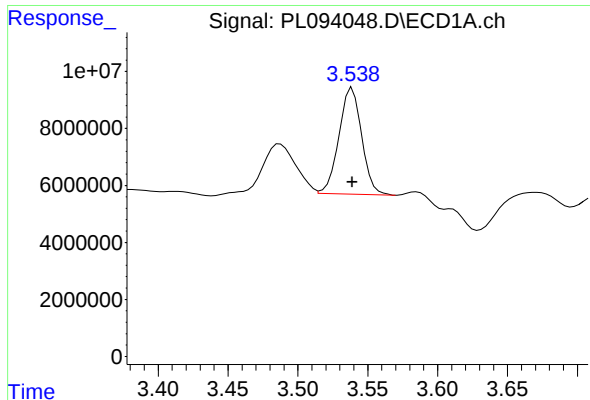
Manual Integrations
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Supervised By :Ankita Jodhani 02/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 05 01:40:18 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





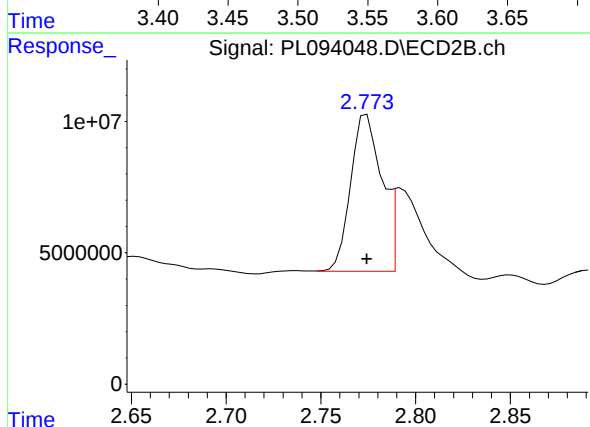
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 42196637
Conc: 15.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

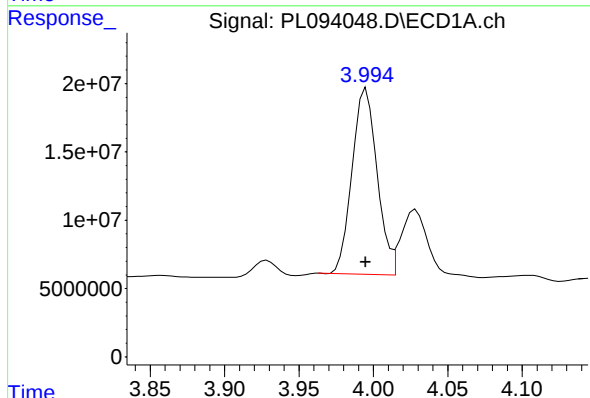
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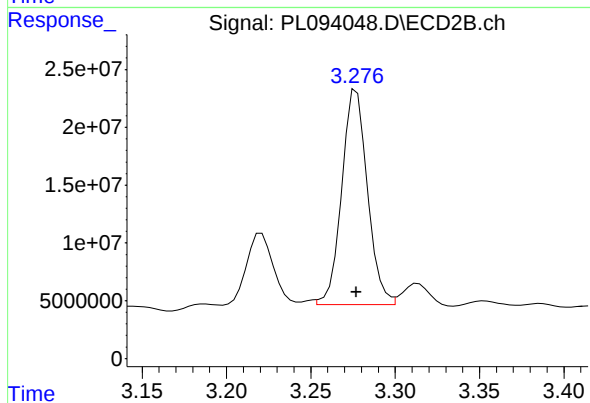
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.002 min
Response: 71154948
Conc: 21.80 ng/ml m



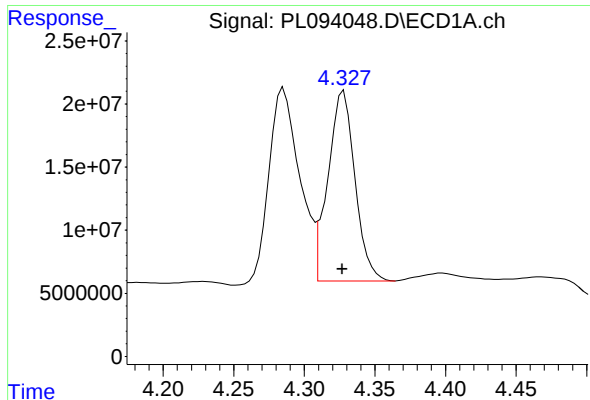
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 159528057
Conc: 41.61 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 196474232
Conc: 40.19 ng/ml m



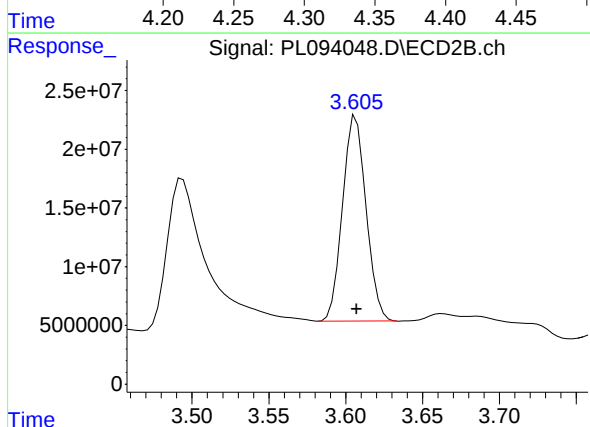
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 197271561
Conc: 53.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

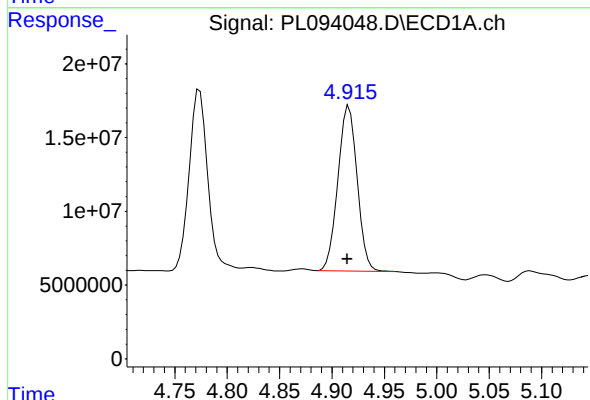
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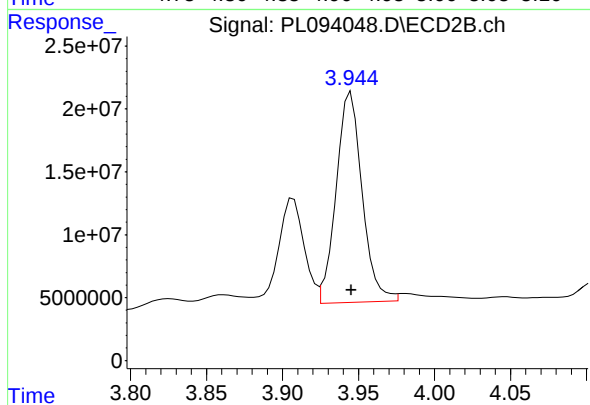
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: -0.002 min
Response: 185305799
Conc: 39.08 ng/ml



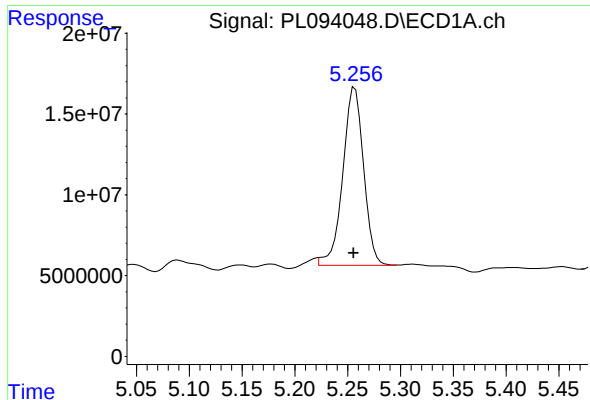
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.002 min
Response: 142977580
Conc: 43.63 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 198535633
Conc: 42.65 ng/ml



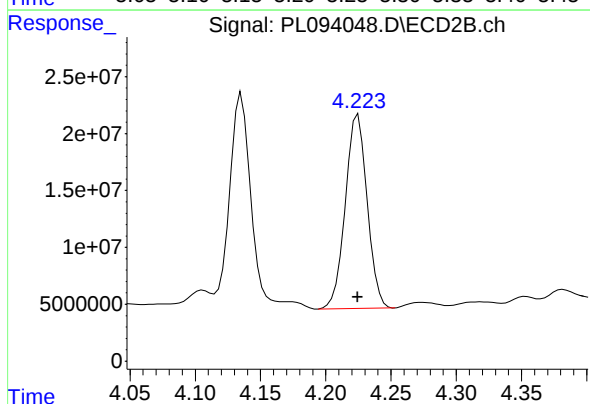
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 150398848
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

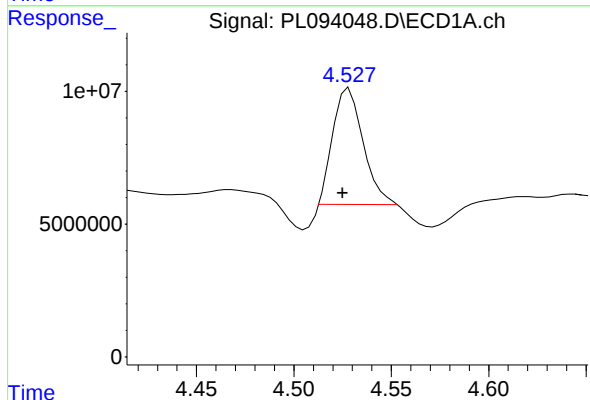
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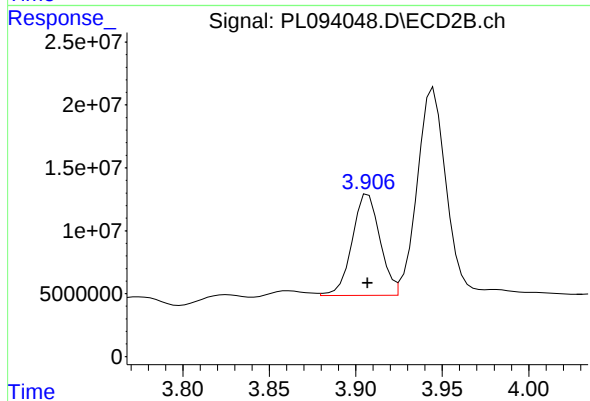
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 198465792
Conc: 43.51 ng/ml



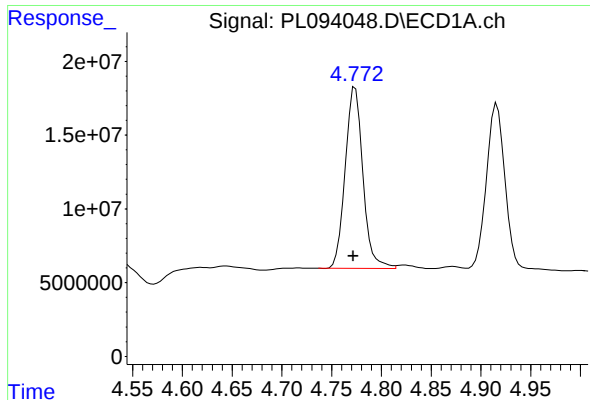
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 47156424
Conc: 29.34 ng/ml m



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 93175407
Conc: 46.65 ng/ml m



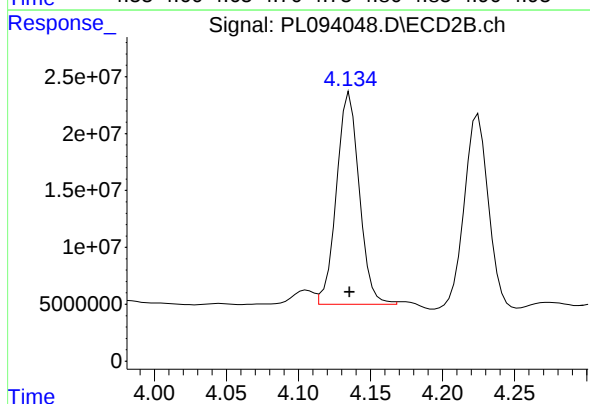
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 152474781
Conc: 43.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

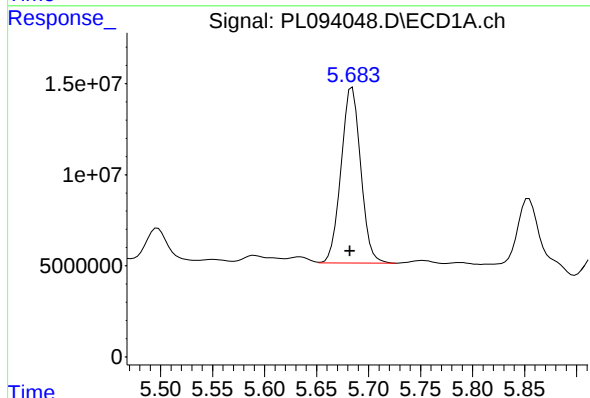
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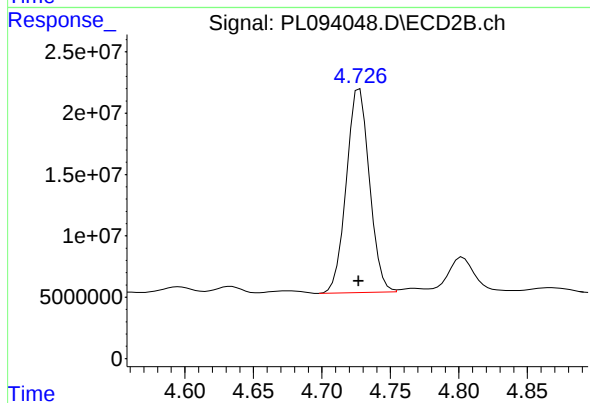
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 202984608
Conc: 42.72 ng/ml m



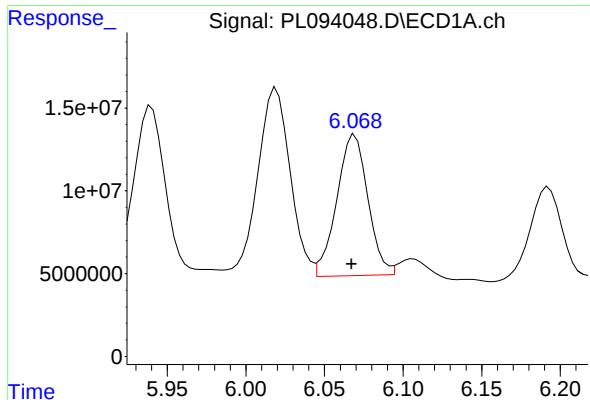
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 126576719
Conc: 42.56 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 195346243
Conc: 46.73 ng/ml m



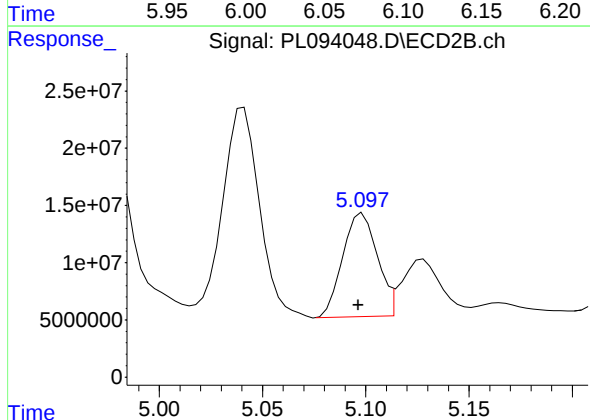
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 117541732
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

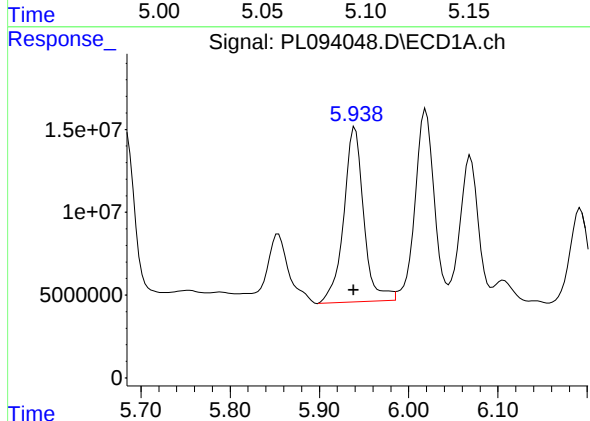
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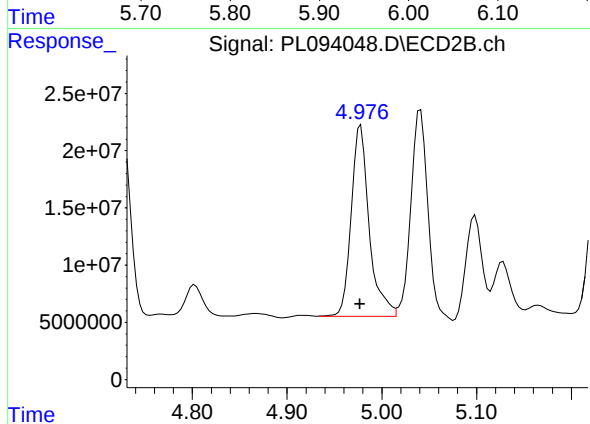
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 104461941
Conc: 26.94 ng/ml m



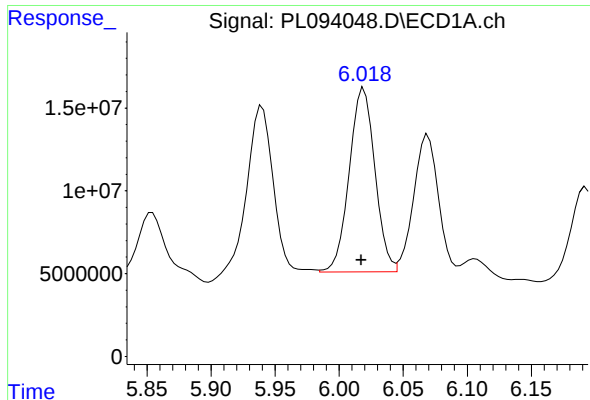
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 164226788
Conc: 58.92 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 222895682
Conc: 52.60 ng/ml m



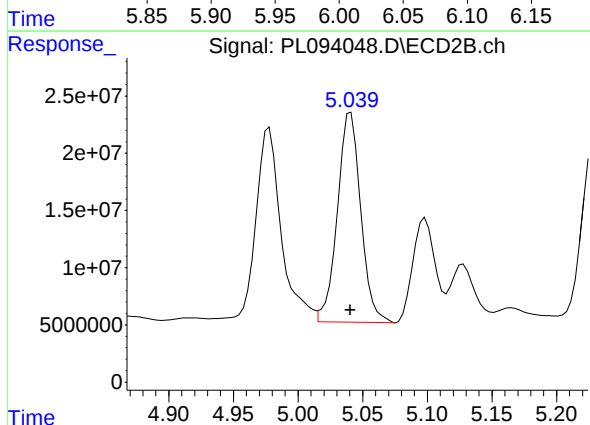
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 156353480
Conc: 56.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

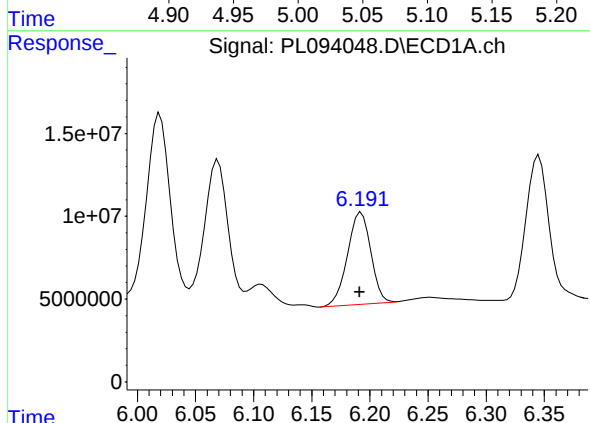
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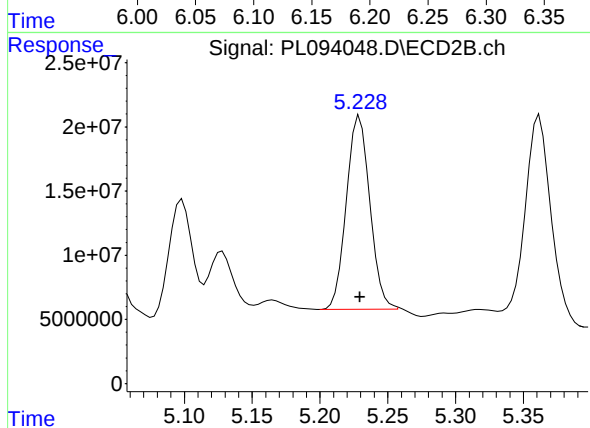
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 230691735
Conc: 55.10 ng/ml



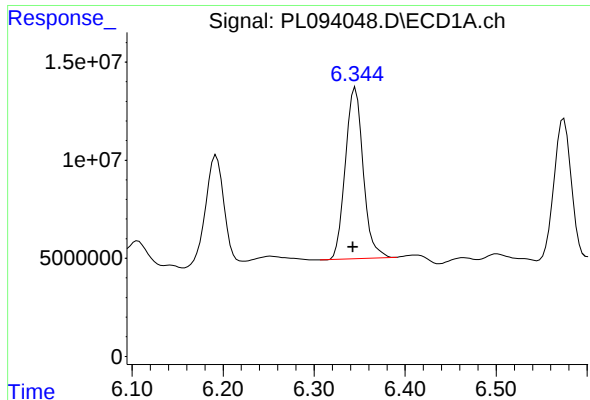
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 77710111
Conc: 31.92 ng/ml m



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 181383827
Conc: 45.24 ng/ml m



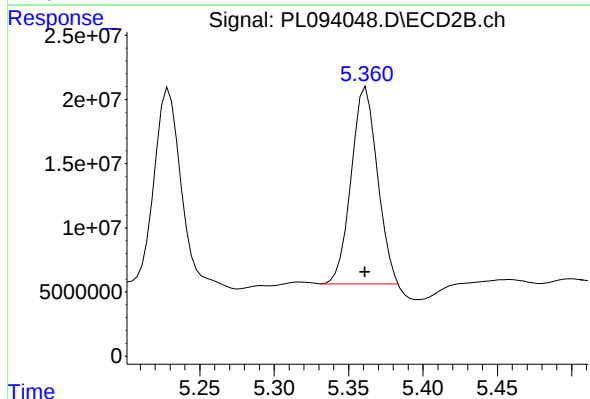
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.003 min
Response: 119472409
Conc: 43.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

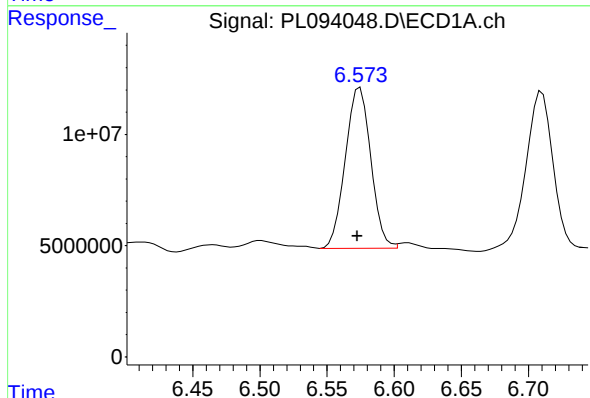
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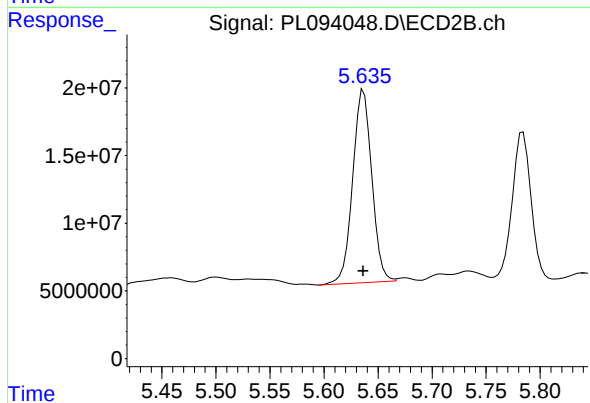
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 187650484
Conc: 43.68 ng/ml m



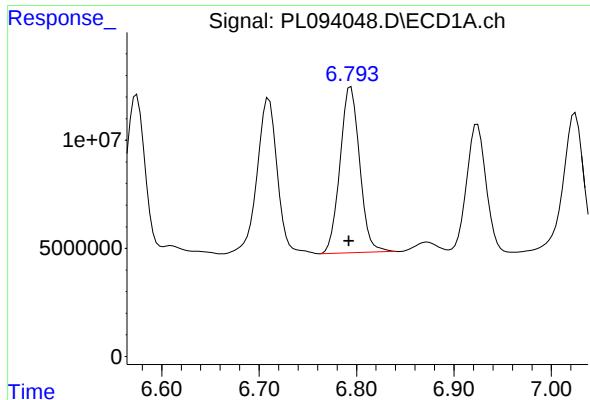
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 96417378
Conc: 41.12 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 175792972
Conc: 47.61 ng/ml m



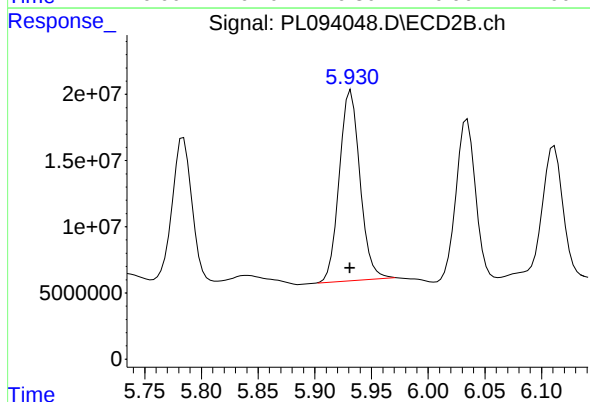
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 107501945
Conc: 44.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

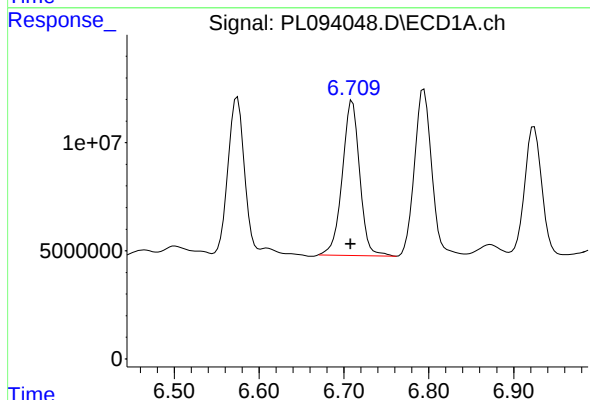
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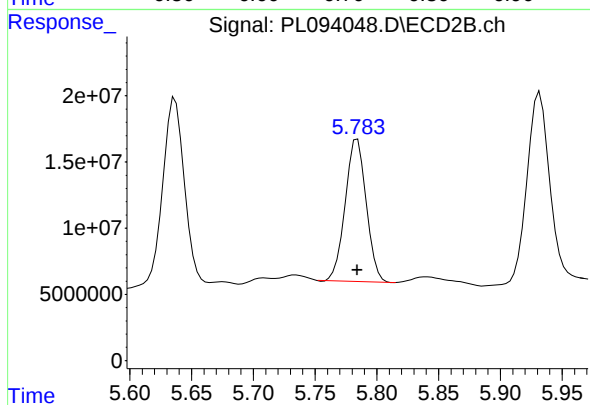
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 183119729
Conc: 49.44 ng/ml



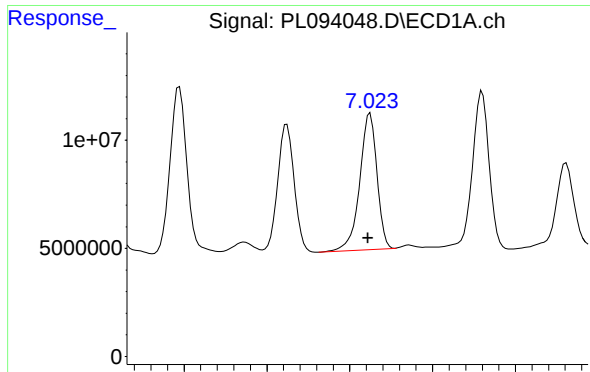
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 102381018
Conc: 53.87 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 127614183
Conc: 40.43 ng/ml



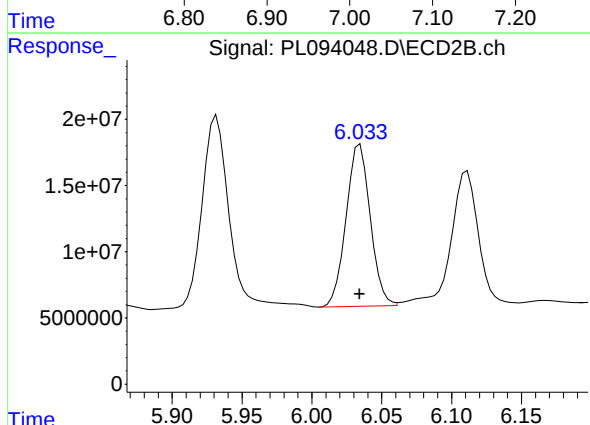
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 90983129
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

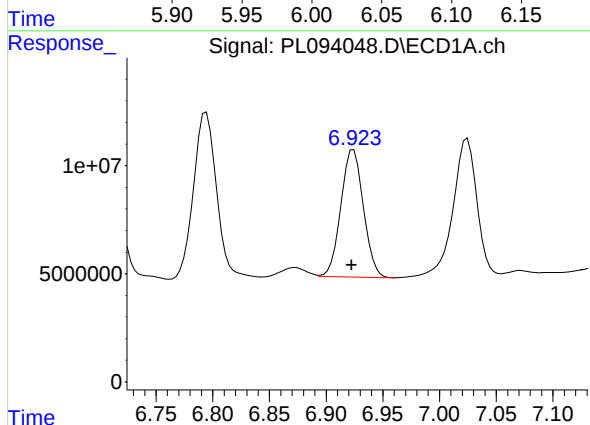
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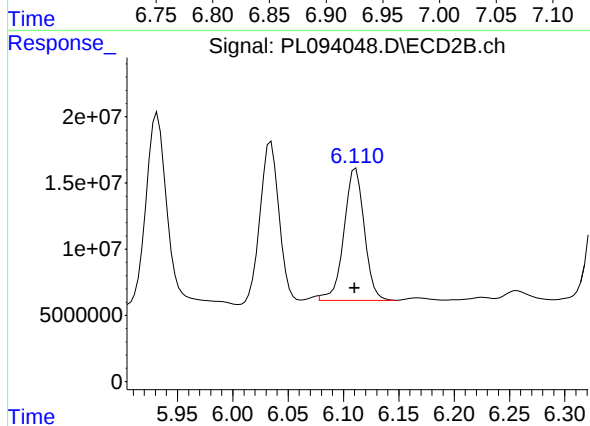
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 147403881
Conc: 45.30 ng/ml m



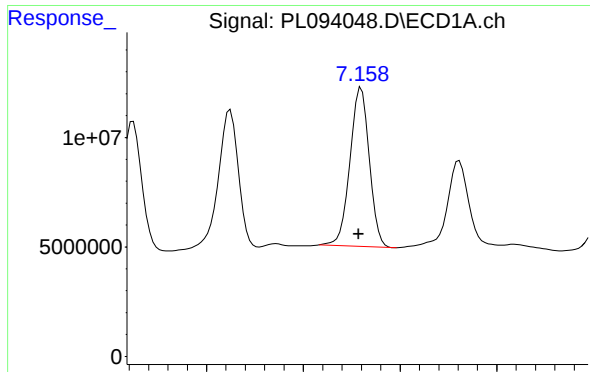
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 81245019
Conc: 41.79 ng/ml m



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 127798594
Conc: 41.97 ng/ml m



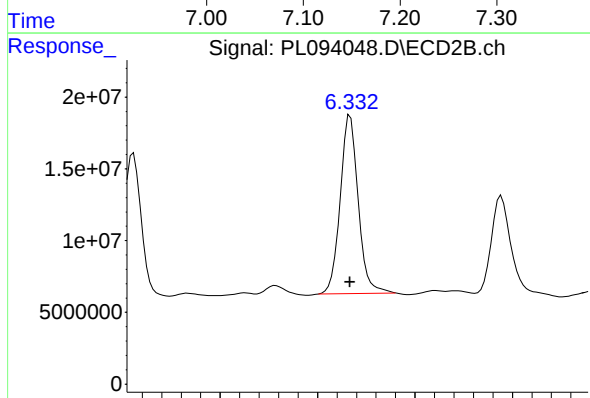
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.003 min
Response: 100281964
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

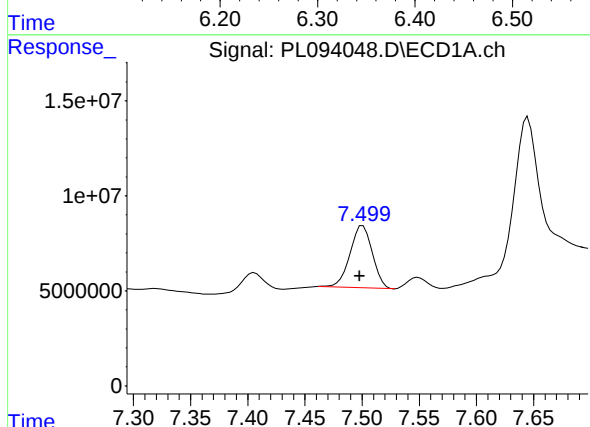
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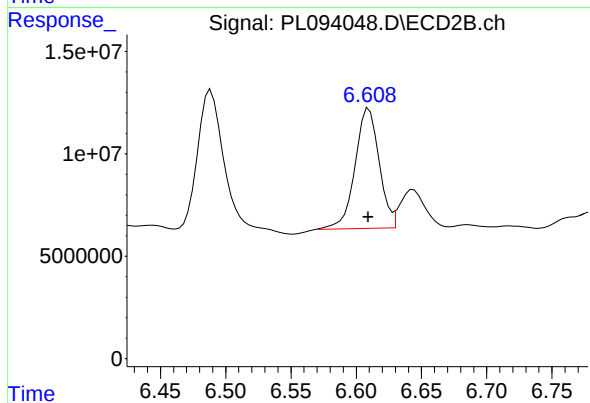
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 159941797
Conc: 44.85 ng/ml



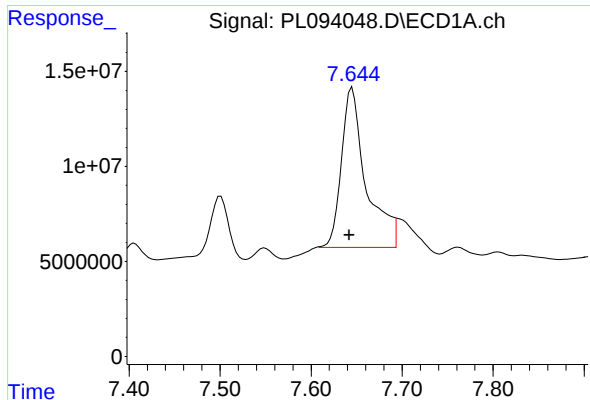
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 44692725
Conc: 42.83 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 75290694
Conc: 42.11 ng/ml



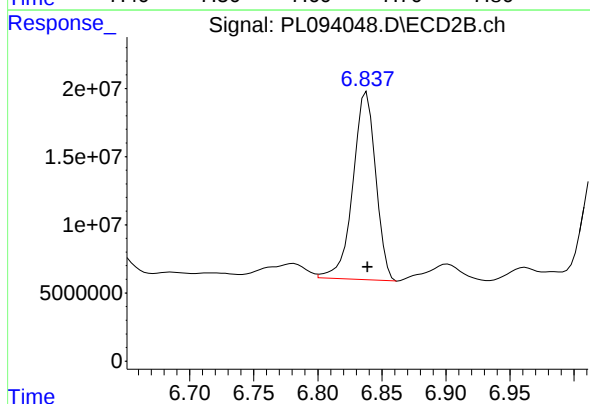
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 157908669
Conc: 62.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

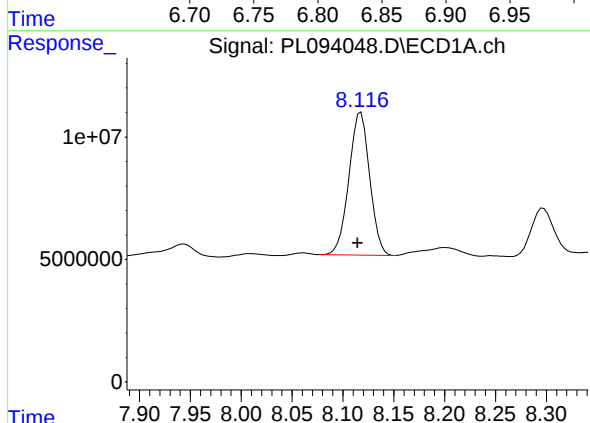
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



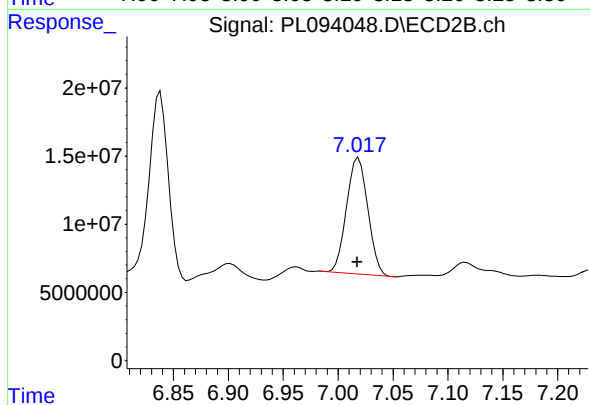
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 170268507
Conc: 40.59 ng/ml m



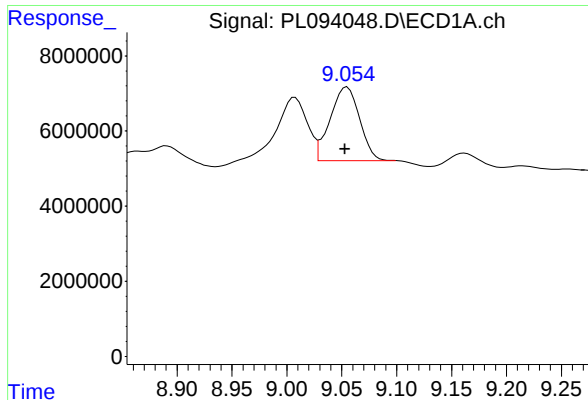
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.003 min
Response: 82743432
Conc: 39.73 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 115579133
Conc: 34.18 ng/ml



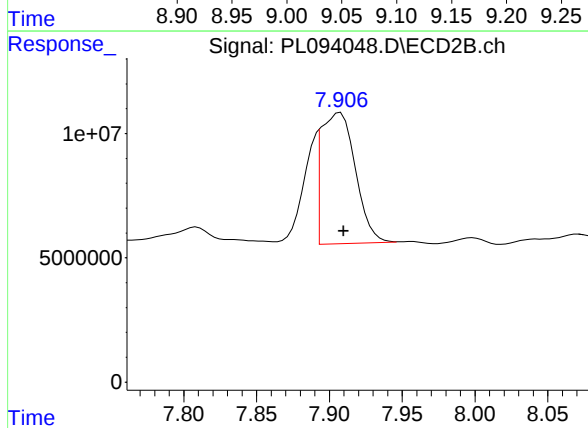
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 36253766
Conc: 17.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11984MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.003 min
Response: 82748313
Conc: 23.61 ng/ml m