

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021425\
 Data File : PL094198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Feb 2025 15:07
 Operator : AR\AJ
 Sample : Q1356-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CARBON-WATERMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/16/2025
 Supervised By :Ankita Jodhani 02/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 02:21:30 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...	3.537	2.772	54705043	64773625	20.316	19.844
28)	SA Decachlor...	9.049	7.906	52514177	90656714	25.103	25.872
Target Compounds							
2)	A alpha-BHC	3.993	3.274	180.6E6	237.1E6	47.112	48.500
3)	MA gamma-BHC...	4.326	3.604	174.0E6	227.2E6	47.246	47.913
4)	MA Heptachlor	4.913	3.942	163.8E6	232.7E6	49.972	49.991
5)	MB Aldrin	5.255	4.222	153.5E6	213.1E6	46.906	46.717
6)	B beta-BHC	4.524	3.904	77047140	97059874	47.935	48.592
7)	B delta-BHC	4.771	4.133	169.4E6	227.9E6	48.315	47.976
8)	B Heptachlo...	5.681	4.724	141.9E6	206.1E6	47.715	49.302
9)	A Endosulfan I	6.066	5.093	129.8E6	197.2E6	49.102	50.873
10)	B gamma-Chl...	5.936	4.974	139.9E6	217.8E6	50.178	51.389
11)	B alpha-Chl...	6.016	5.038	138.7E6	213.4E6	49.739	50.977
12)	B 4,4'-DDE	6.189	5.226	128.7E6	208.7E6	52.865	52.042
13)	MA Dieldrin	6.341	5.358	135.9E6	217.0E6	48.963	50.517
14)	MA Endrin	6.571	5.632	118.4E6	196.6E6	50.488	53.232m
15)	B Endosulfa...	6.791	5.928	117.9E6	193.0E6	48.942	52.121
16)	A 4,4'-DDD	6.707	5.781	98896701	165.0E6	52.036	52.274
17)	MA 4,4'-DDT	7.020	6.031	109.5E6	187.1E6	55.518	57.507
18)	B Endrin al...	6.921	6.107	93379560	151.2E6	48.033	49.672
19)	B Endosulfa...	7.156	6.330	110.7E6	187.2E6	48.920	52.498
20)	A Methoxychlor	7.497	6.606	57352101	99050410	54.967	55.393
21)	B Endrin ke...	7.640	6.835	122.3E6	216.5E6	48.479	51.612
22)	Mirex	8.113	7.014	95443870	166.1E6	45.832	49.111

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021425\
Data File : PL094198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Feb 2025 15:07
Operator : AR\AJ
Sample : Q1356-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

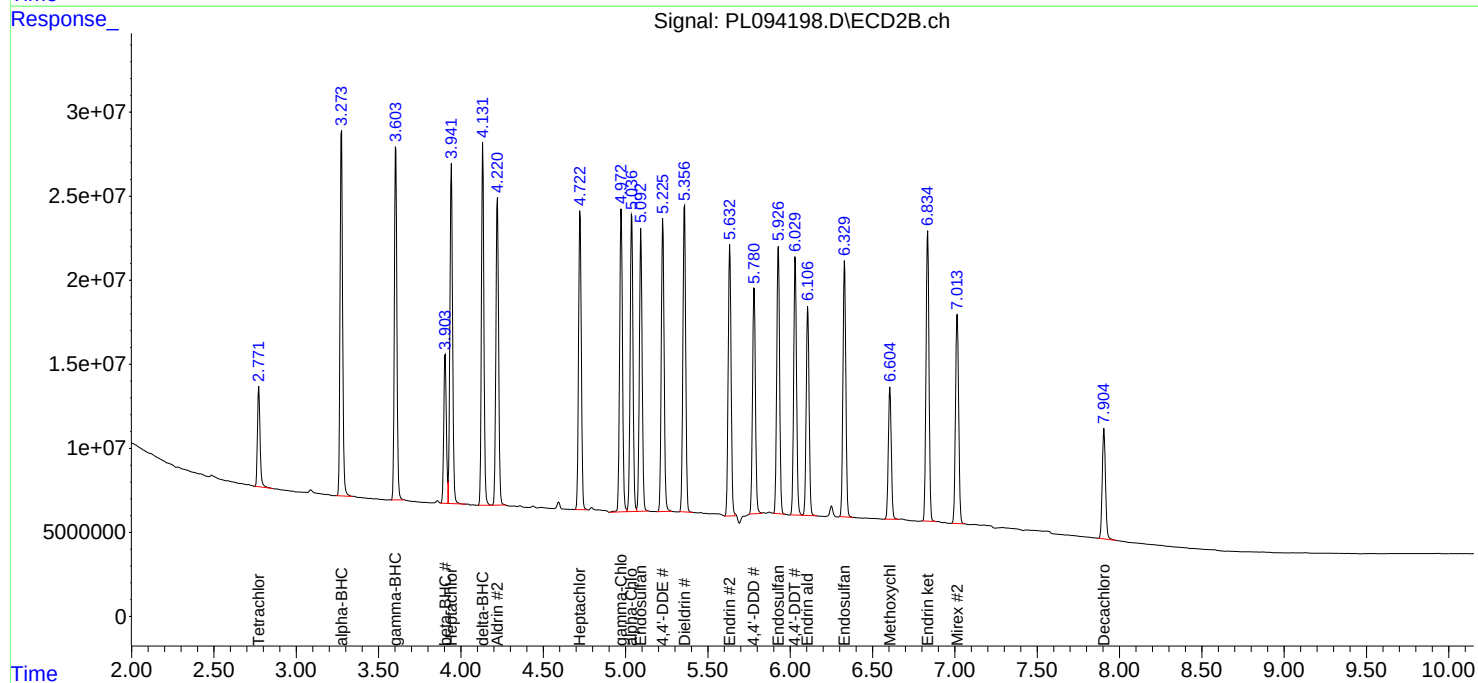
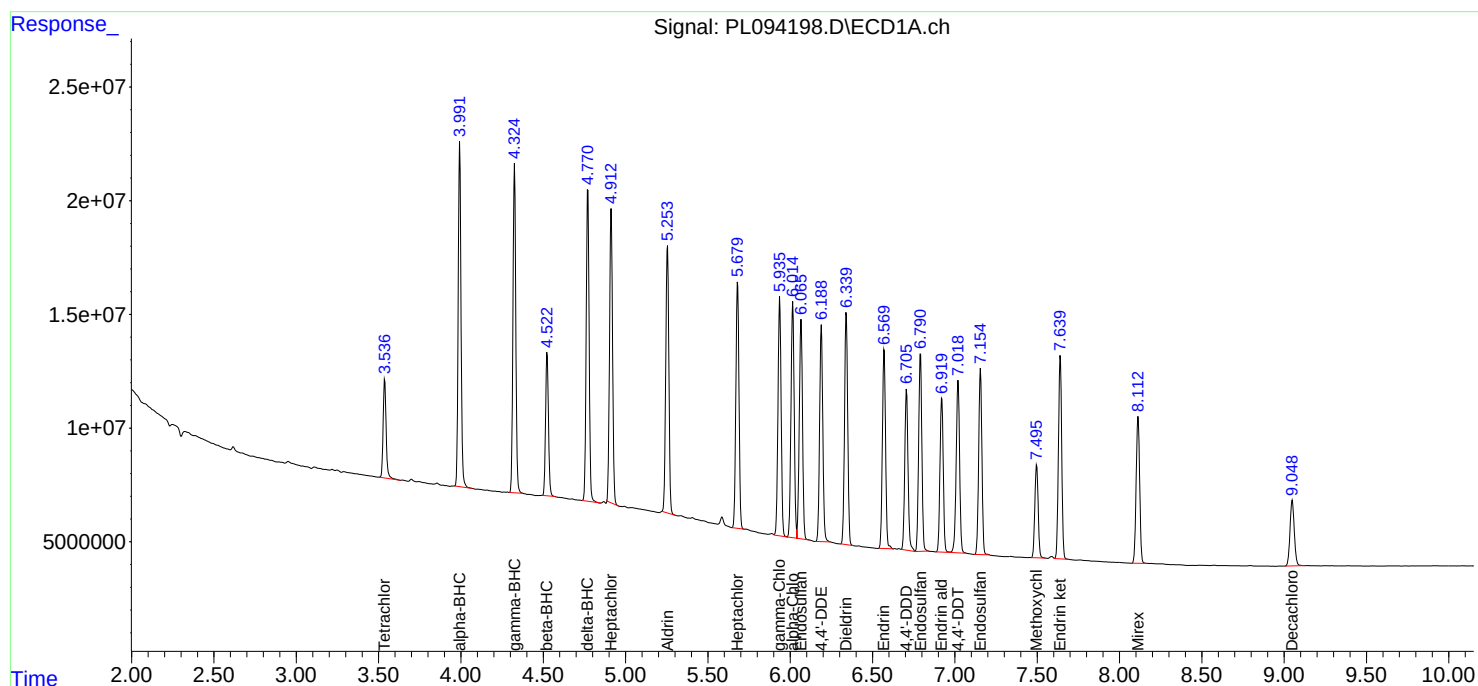
Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

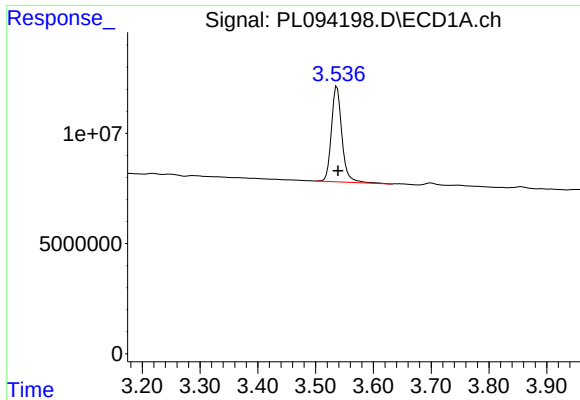
Manual Integrations
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Supervised By :Ankita Jodhani 02/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 15 02:21:30 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





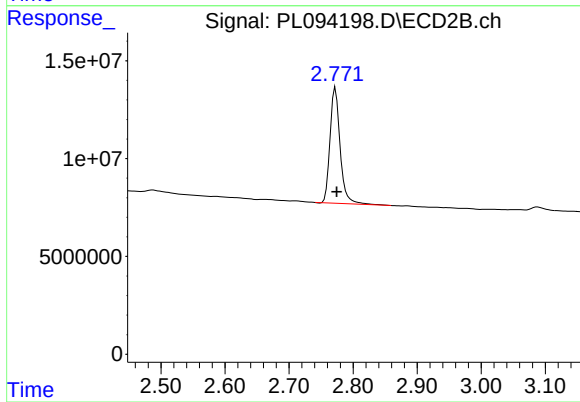
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 54705043
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

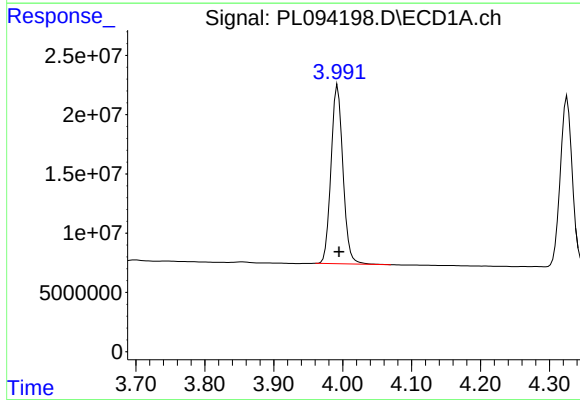
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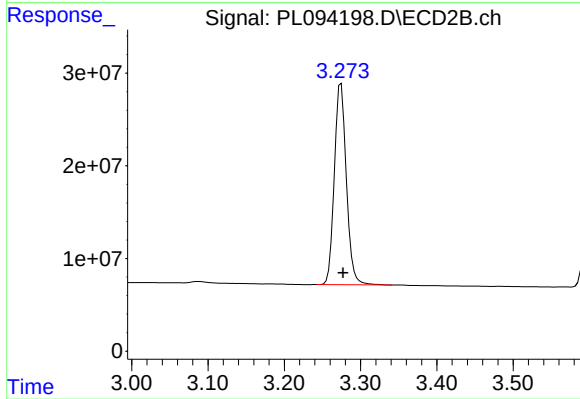
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.002 min
Response: 64773625
Conc: 19.84 ng/ml



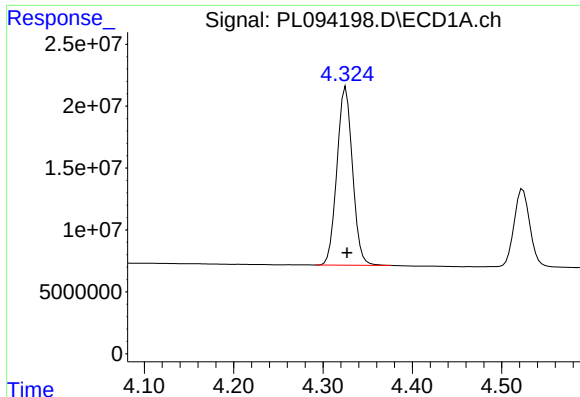
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 180618234
Conc: 47.11 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.002 min
Response: 237117489
Conc: 48.50 ng/ml



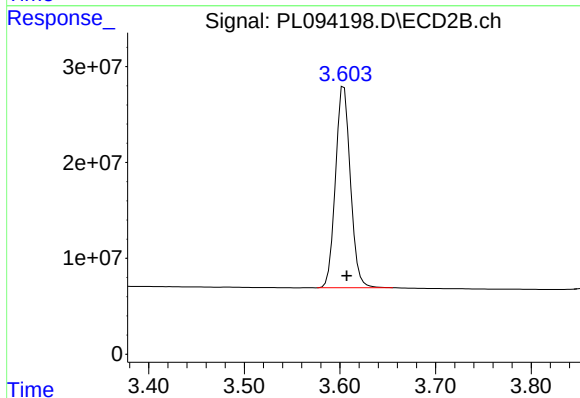
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 173999222
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

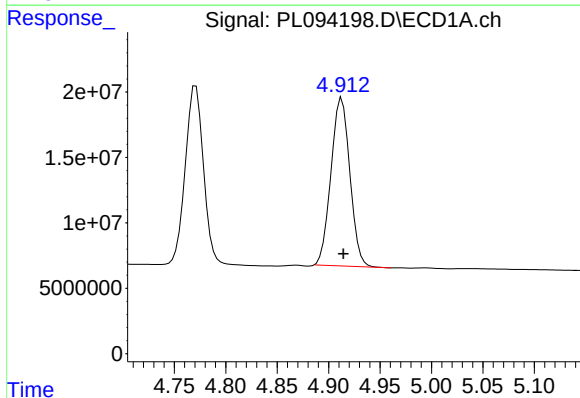
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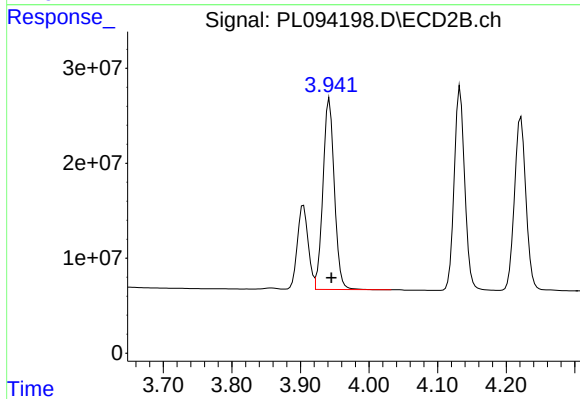
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.003 min
Response: 227164384
Conc: 47.91 ng/ml



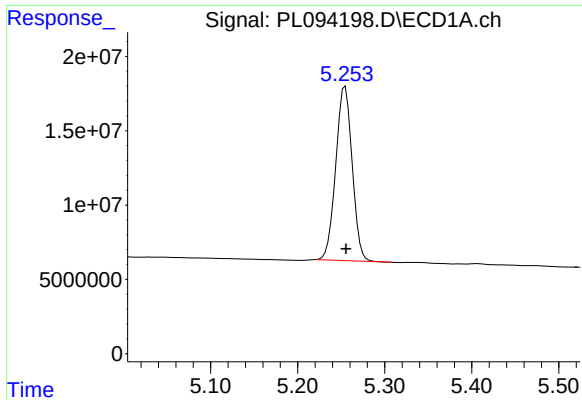
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 163774761
Conc: 49.97 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.003 min
Response: 232697923
Conc: 49.99 ng/ml



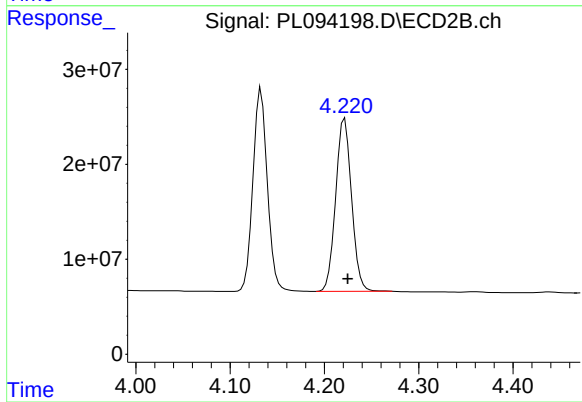
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 153475321
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

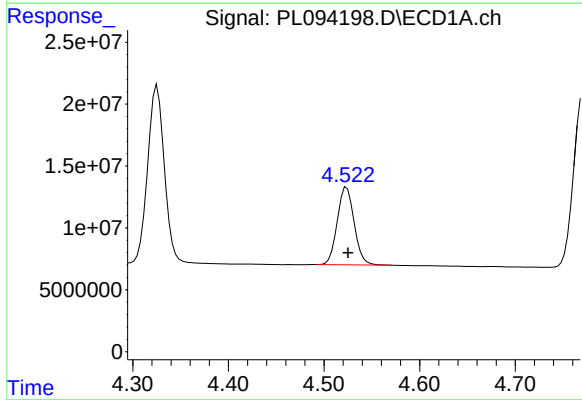
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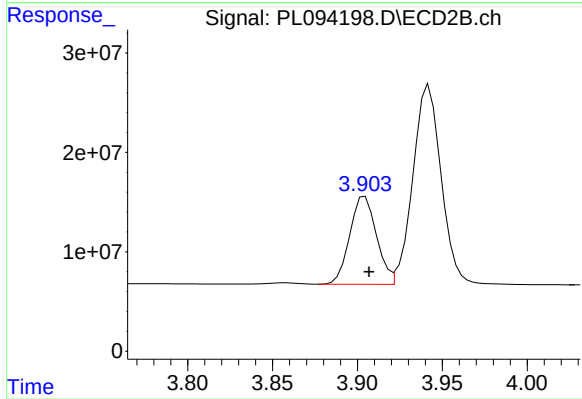
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: -0.003 min
Response: 213111565
Conc: 46.72 ng/ml



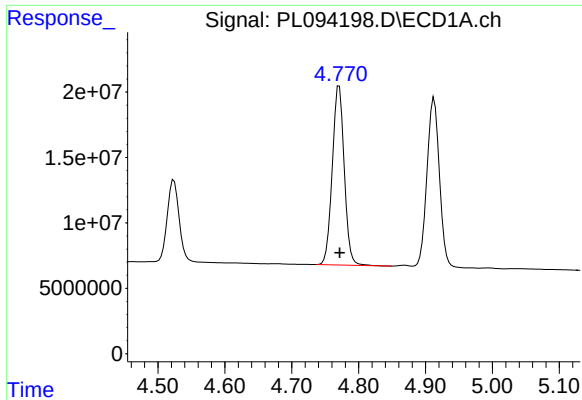
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 77047140
Conc: 47.94 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.002 min
Response: 97059874
Conc: 48.59 ng/ml



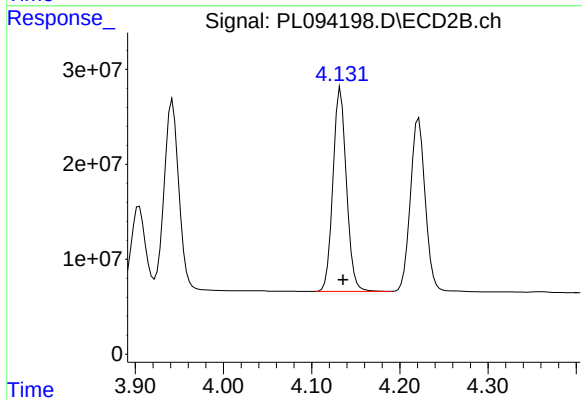
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 169357655
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

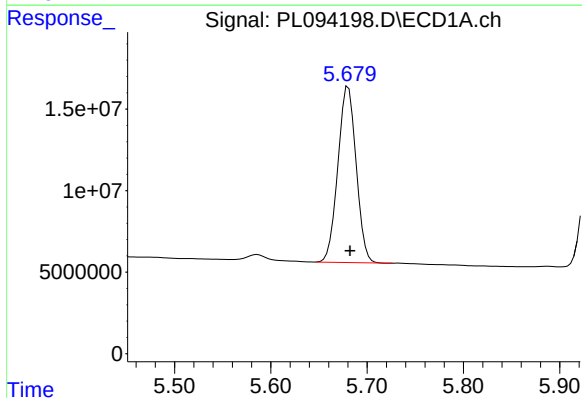
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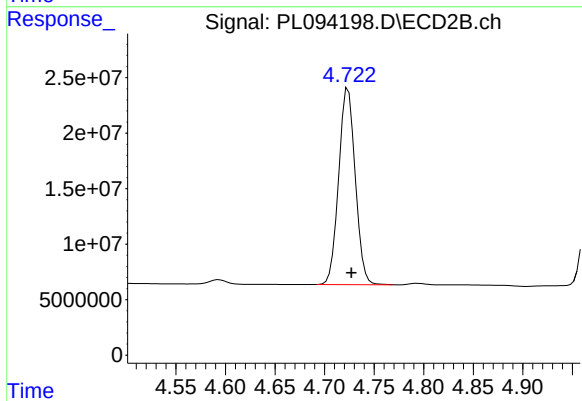
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: -0.003 min
Response: 227943638
Conc: 47.98 ng/ml



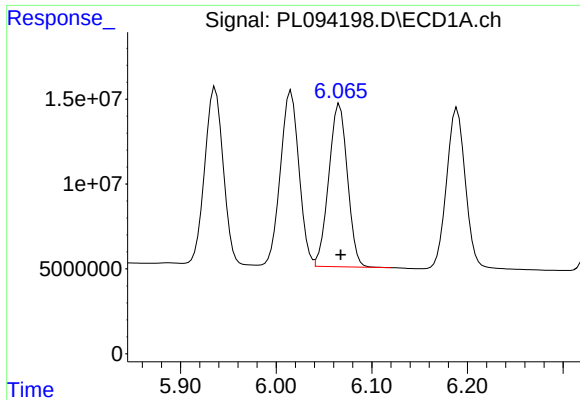
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 141895462
Conc: 47.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 206093273
Conc: 49.30 ng/ml



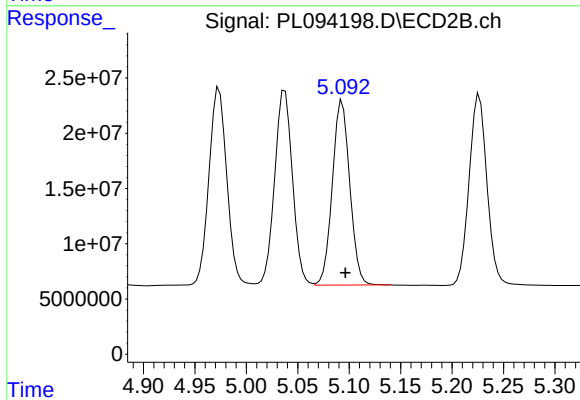
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.001 min
Response: 129768450
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

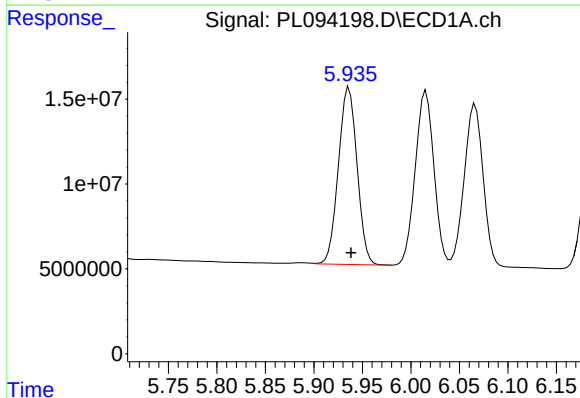
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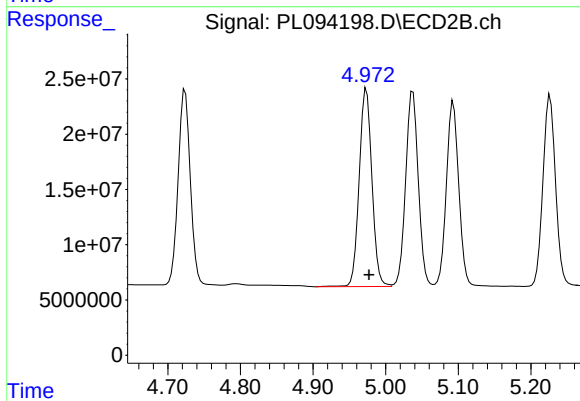
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 197228741
Conc: 50.87 ng/ml



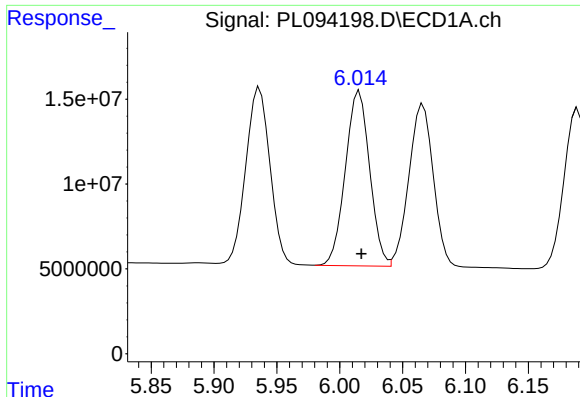
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 139864159
Conc: 50.18 ng/ml



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: -0.004 min
Response: 217768707
Conc: 51.39 ng/ml



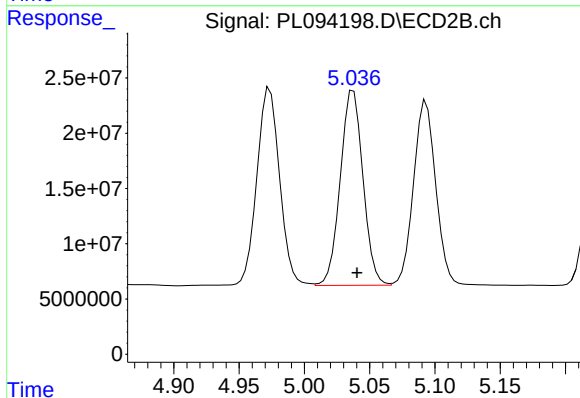
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 138691171
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

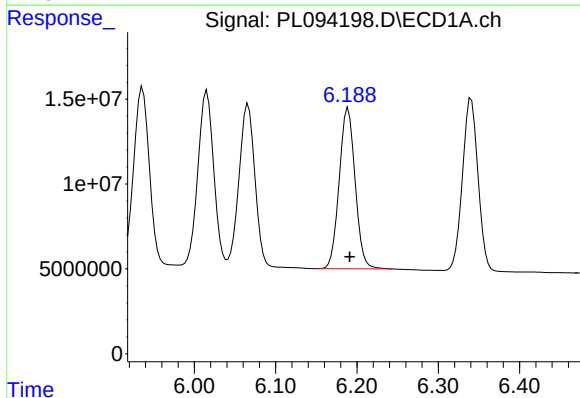
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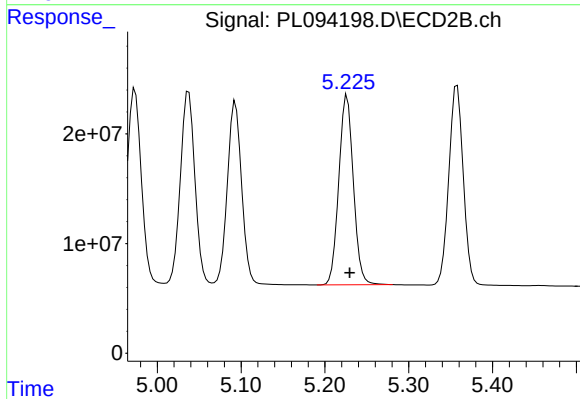
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: -0.003 min
Response: 213416792
Conc: 50.98 ng/ml



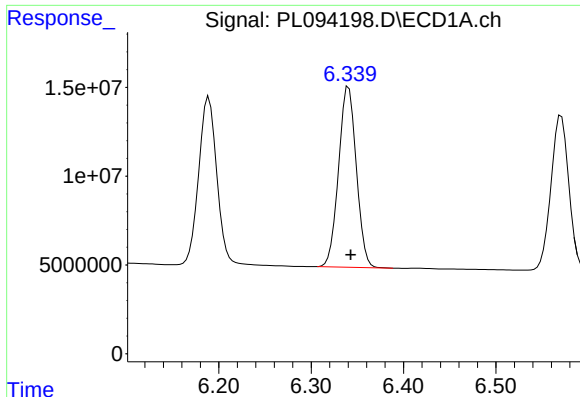
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.002 min
Response: 128704341
Conc: 52.86 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 208662813
Conc: 52.04 ng/ml



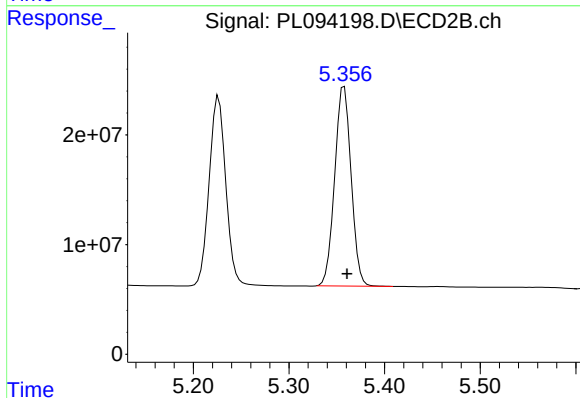
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.002 min
Response: 135913666
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

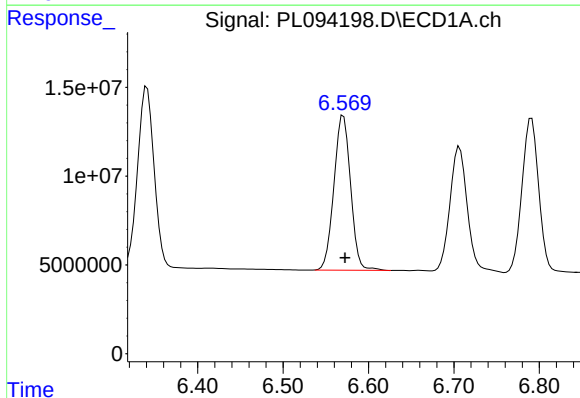
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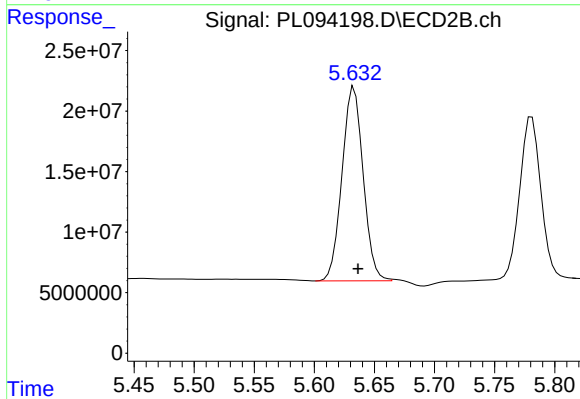
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 217002287
Conc: 50.52 ng/ml



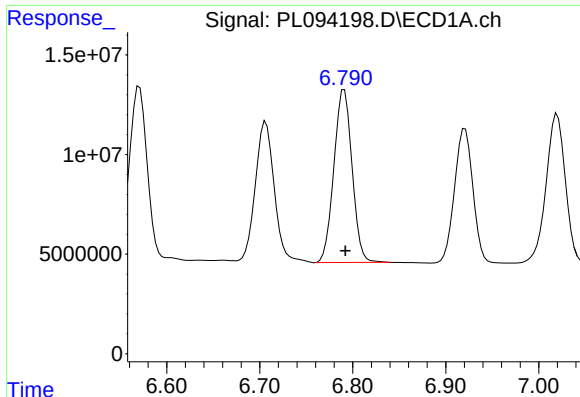
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 118385671
Conc: 50.49 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.005 min
Response: 196567232
Conc: 53.23 ng/ml m



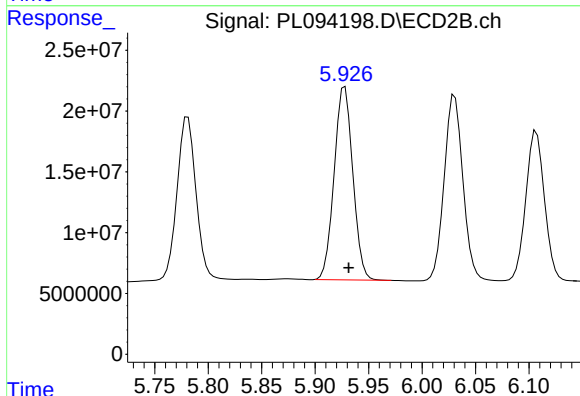
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.001 min
Response: 117918030
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

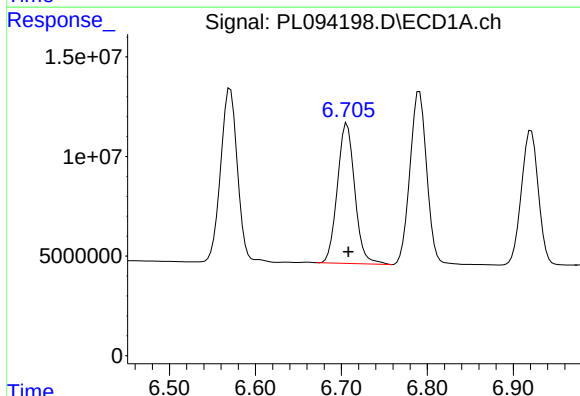
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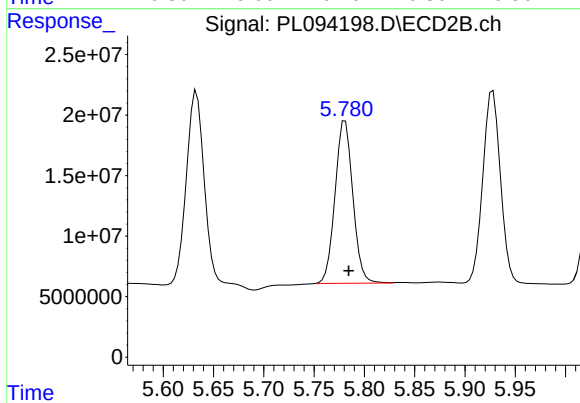
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: -0.003 min
Response: 193046435
Conc: 52.12 ng/ml



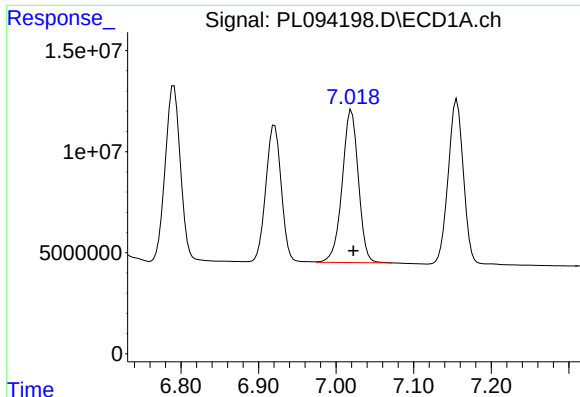
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 98896701
Conc: 52.04 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.003 min
Response: 165003691
Conc: 52.27 ng/ml



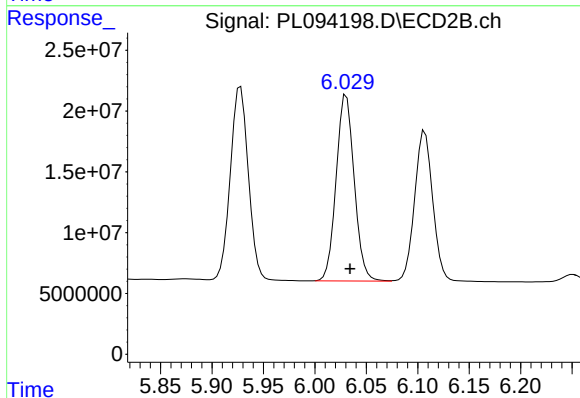
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 109484543
Conc: 55.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

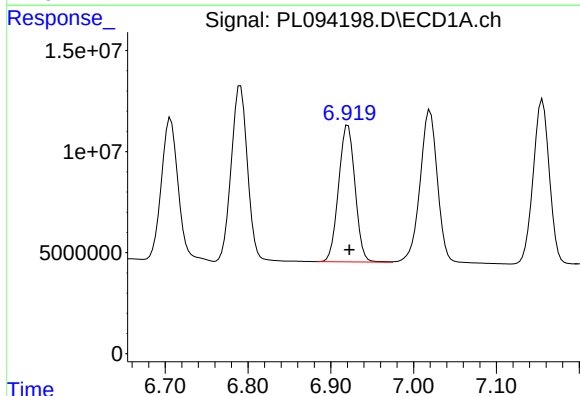
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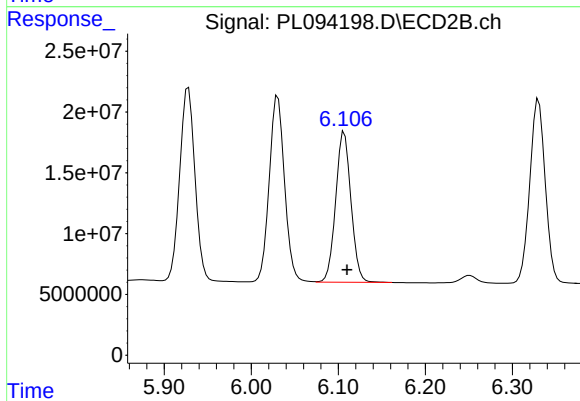
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 187131163
Conc: 57.51 ng/ml



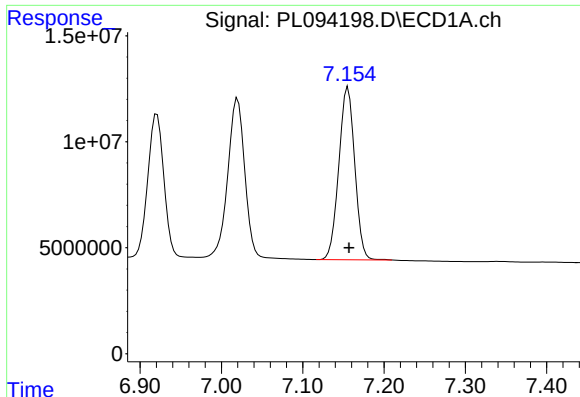
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 93379560
Conc: 48.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 151233698
Conc: 49.67 ng/ml



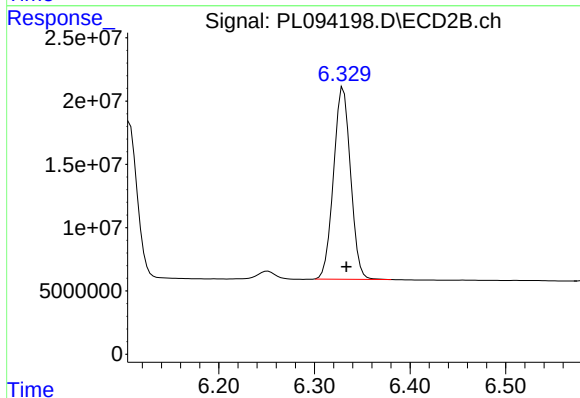
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 110742914
Conc: 48.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

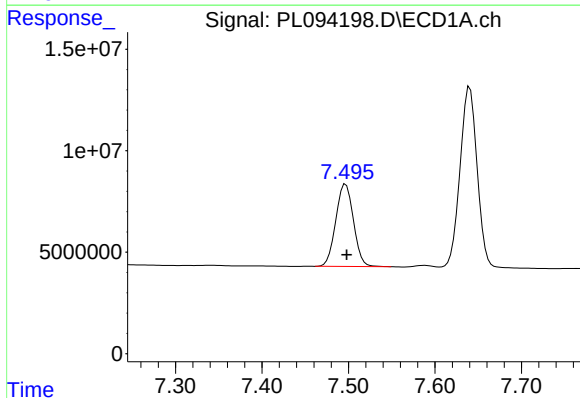
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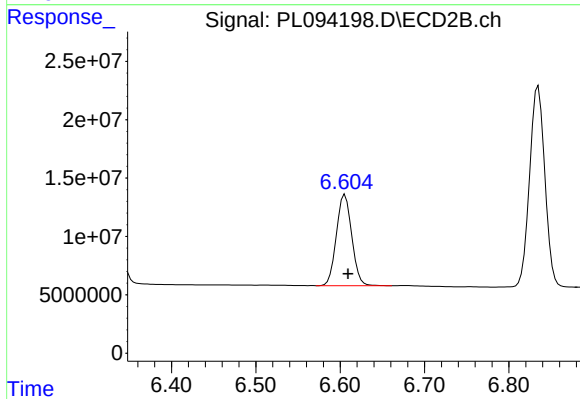
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 187213676
Conc: 52.50 ng/ml



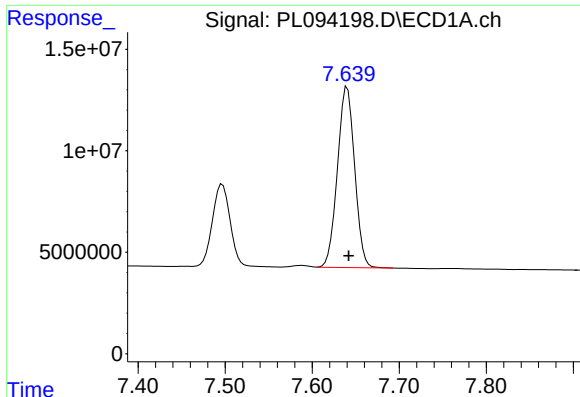
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 57352101
Conc: 54.97 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.004 min
Response: 99050410
Conc: 55.39 ng/ml



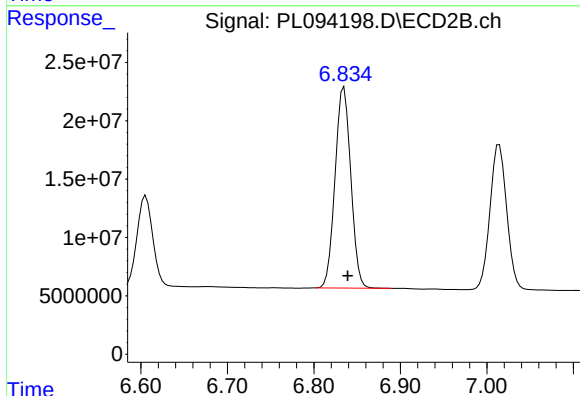
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.002 min
Response: 122294550
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

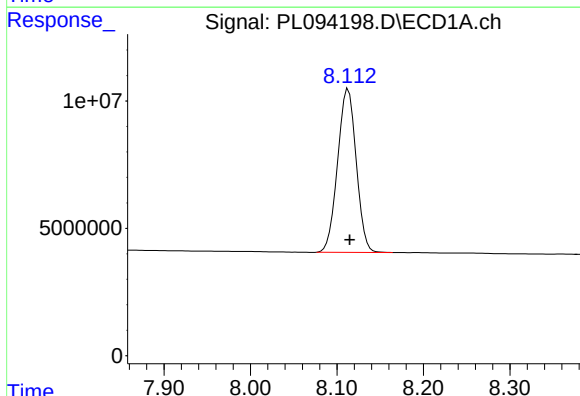
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/16/2025
Supervised By :Ankita Jodhani 02/17/2025



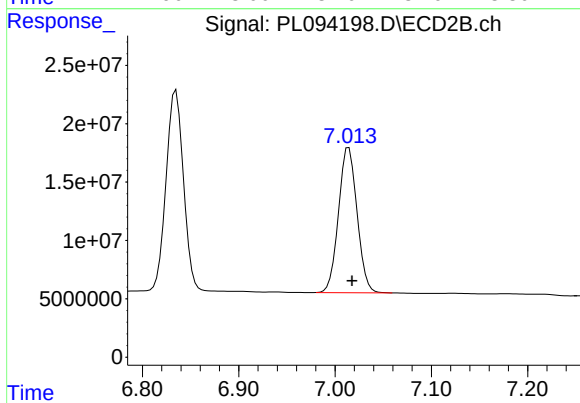
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.004 min
Response: 216526025
Conc: 51.61 ng/ml



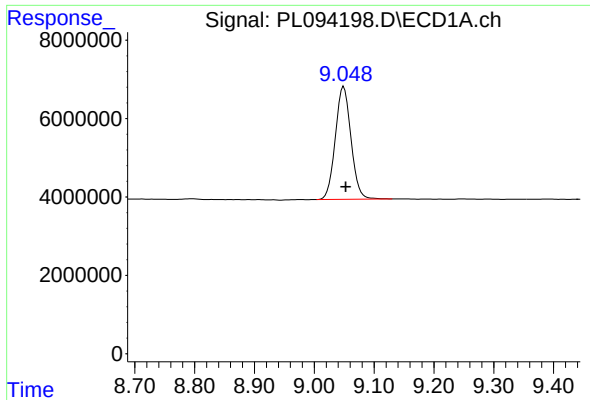
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.002 min
Response: 95443870
Conc: 45.83 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: -0.003 min
Response: 166089586
Conc: 49.11 ng/ml



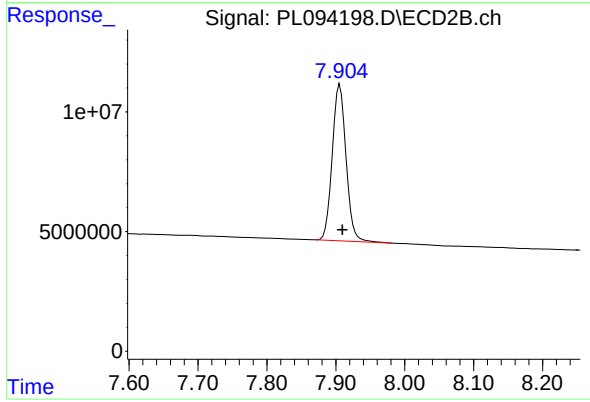
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.004 min
Response: 52514177
Conc: 25.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
CARBON-WATERMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.004 min
Response: 90656714
Conc: 25.87 ng/ml