

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022125\
 Data File : PL094354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 17:47
 Operator : AR\AJ
 Sample : Q1397-05MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP8MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/22/2025
 Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:25:12 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...	3.535	2.770	48637515	61936194	19.155	19.409
28)	SA Decachlor...	9.046	7.903	38908710	68761784	18.290	17.880
Target Compounds							
2)	A alpha-BHC	3.991	3.272	173.6E6	237.5E6	45.890	48.331
3)	MA gamma-BHC...	4.323	3.602	166.3E6	227.6E6	45.012	48.330
4)	MA Heptachlor	4.911	3.939	161.2E6	236.0E6	47.554	49.995
5)	MB Aldrin	5.252	4.218	151.5E6	218.7E6	44.156	47.332
6)	B beta-BHC	4.522	3.902	73577457	98951502	46.075	49.751
7)	B delta-BHC	4.769	4.130	159.6E6	225.6E6	45.096	47.635
8)	B Heptachlo...	5.679	4.721	137.5E6	204.1E6	45.635	47.957
9)	A Endosulfan I	6.064	5.090	122.7E6	182.1E6	44.648	45.686
10)	B gamma-Chl...	5.935	4.971	138.3E6	217.2E6	47.094	50.061
11)	B alpha-Chl...	6.014	5.034	133.6E6	209.8E6	46.109	48.584
12)	B 4,4'-DDE	6.186	5.222	127.6E6	220.7E6	48.865m	52.552m
13)	MA Dieldrin	6.339	5.353	132.3E6	237.5E6	46.435	54.206m
14)	MA Endrin	6.567	5.629	112.0E6	194.1E6	43.876m	57.015m#
15)	B Endosulfa...	6.789	5.925	108.6E6	191.3E6	43.138	51.156
16)	A 4,4'-DDD	6.705	5.777	102.4E6	162.4E6	55.351m	50.979m
17)	MA 4,4'-DDT	7.017	6.027	107.2E6	216.1E6	51.043m	60.746
18)	B Endrin al...	6.919	6.104	88175379	150.1E6	45.293	47.485
19)	B Endosulfa...	7.154	6.327	106.5E6	204.5E6	47.043	55.367
20)	A Methoxychlor	7.495	6.601	54474962	92504500	49.031	47.413m
21)	B Endrin ke...	7.637	6.832	120.1E6	205.8E6	47.904m	48.230
22)	Mirex	8.109	7.012	90227209	158.9E6	43.730m	45.583

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022125\
Data File : PL094354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 17:47
Operator : AR\AJ
Sample : Q1397-05MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

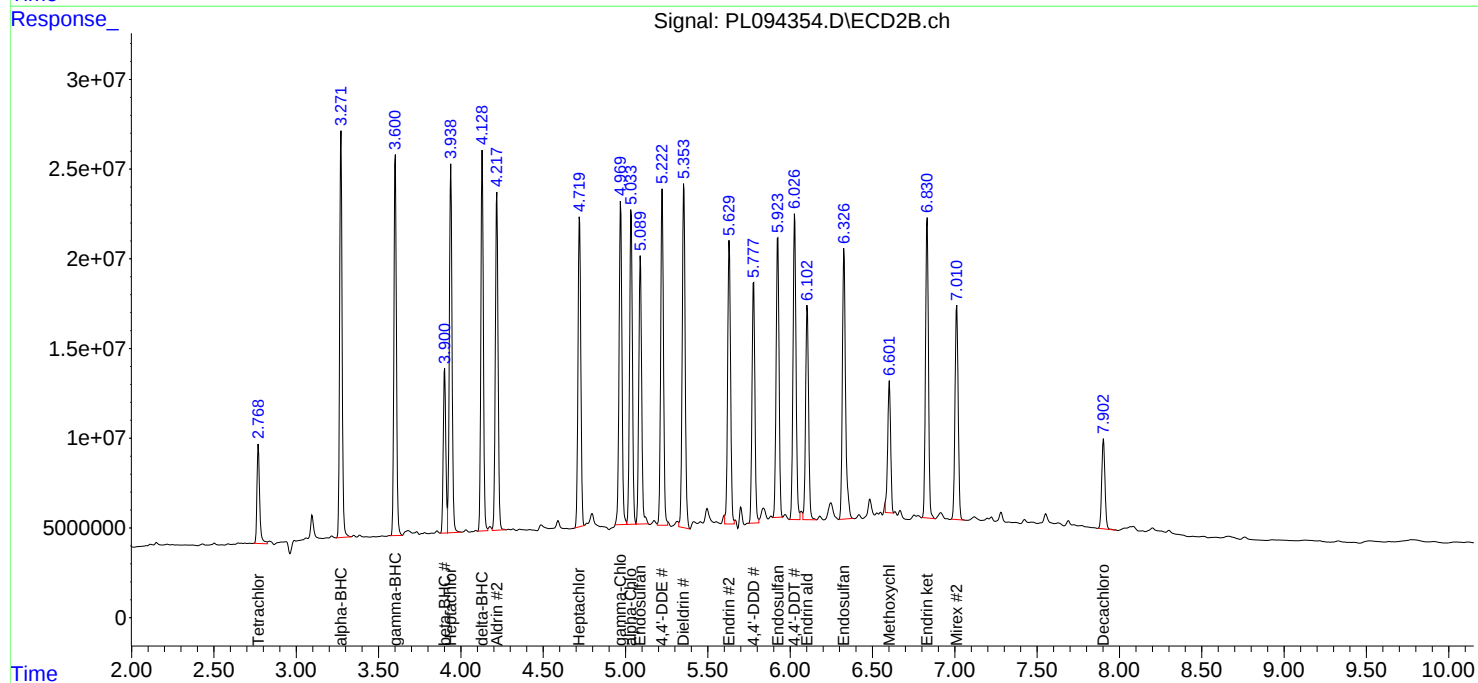
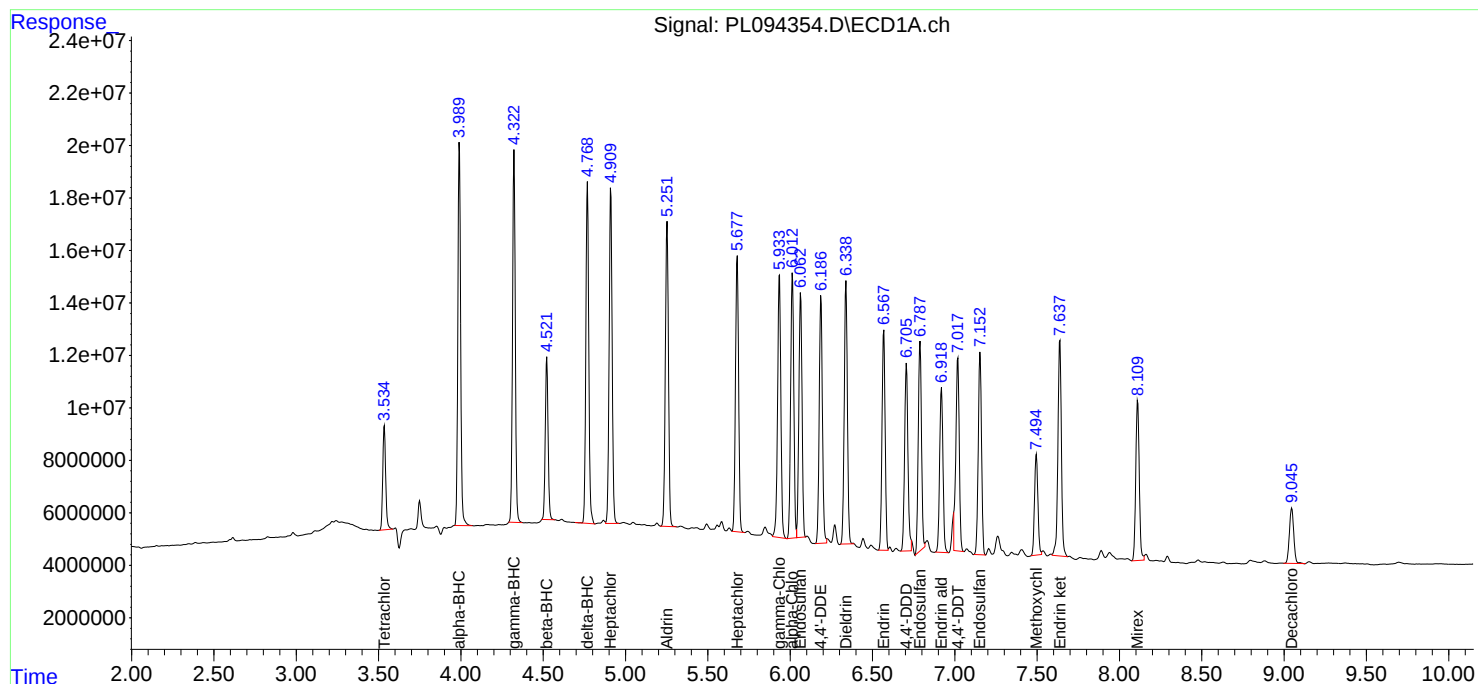
Instrument :
ECD_L
ClientSampleId :
TP8MSD

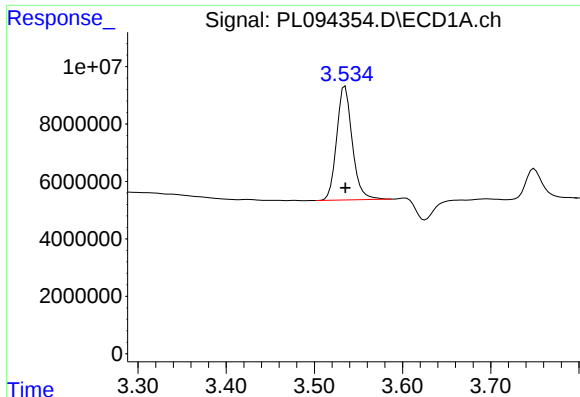
Manual Integrations
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Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:25:12 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





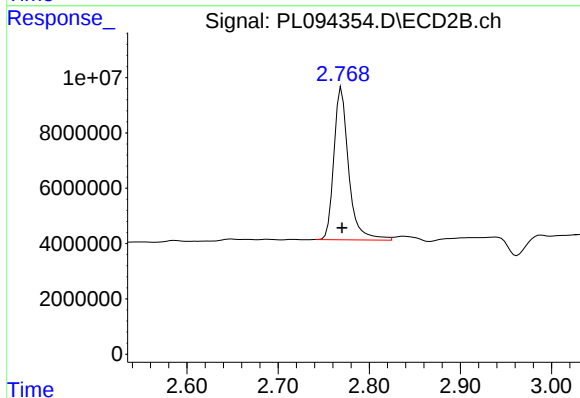
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 48637515
Conc: 19.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP8MSD

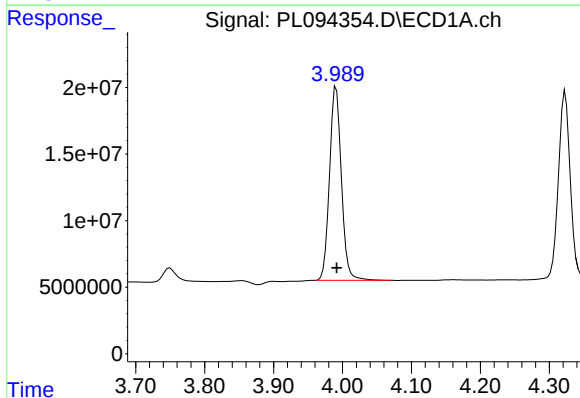
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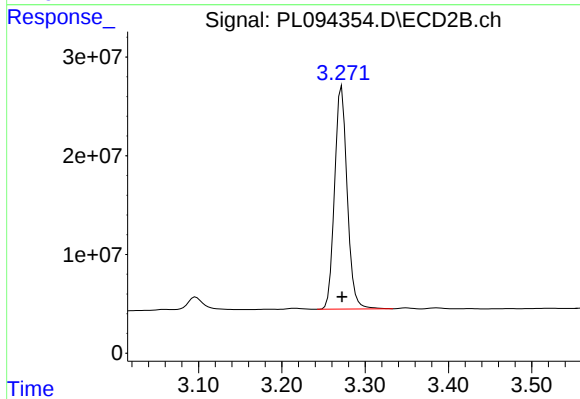
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: 0.000 min
Response: 61936194
Conc: 19.41 ng/ml



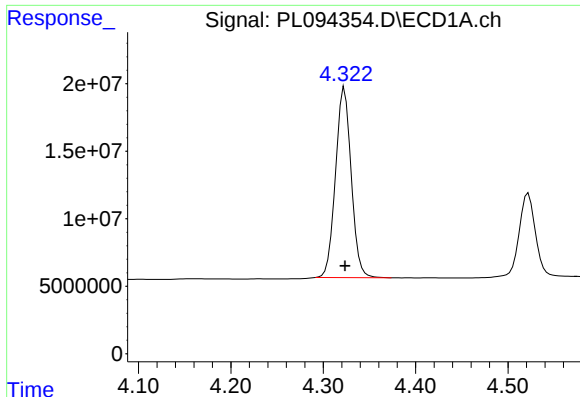
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 173585820
Conc: 45.89 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 237538665
Conc: 48.33 ng/ml



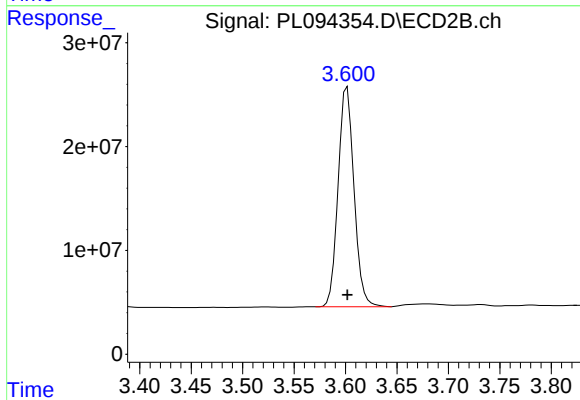
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 166306385
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP8MSD

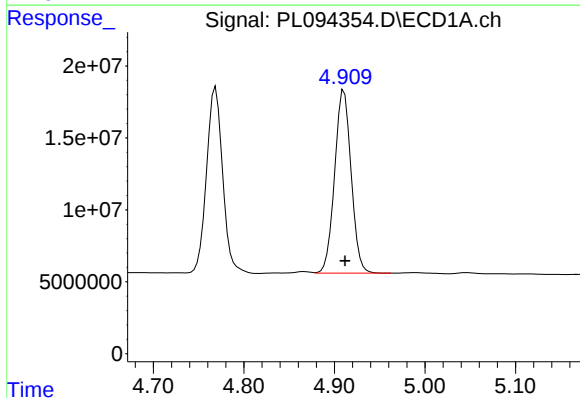
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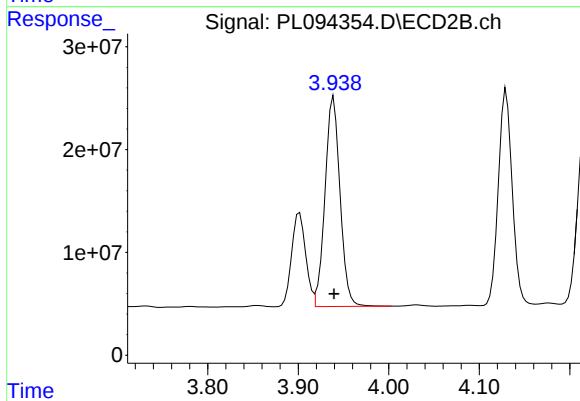
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 227631565
Conc: 48.33 ng/ml



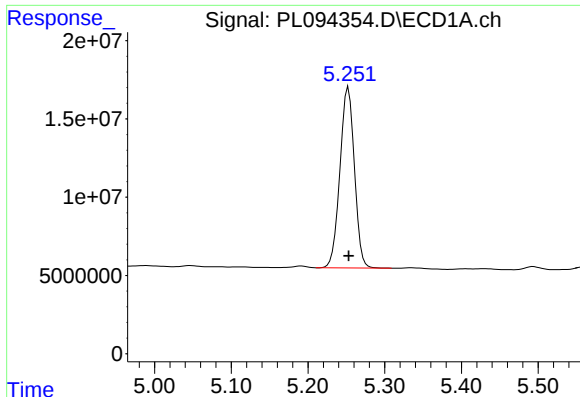
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 161224475
Conc: 47.55 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 235993836
Conc: 50.00 ng/ml



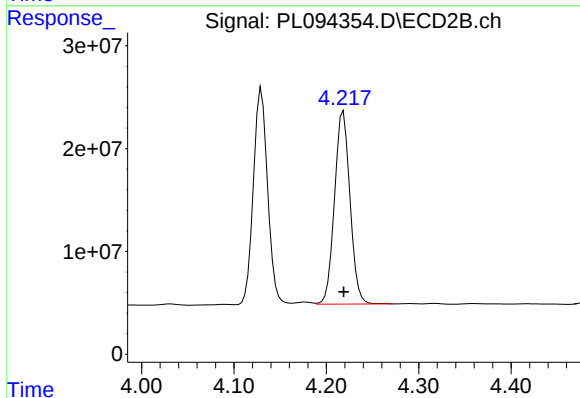
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 151530869
Conc: 44.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP8MSD

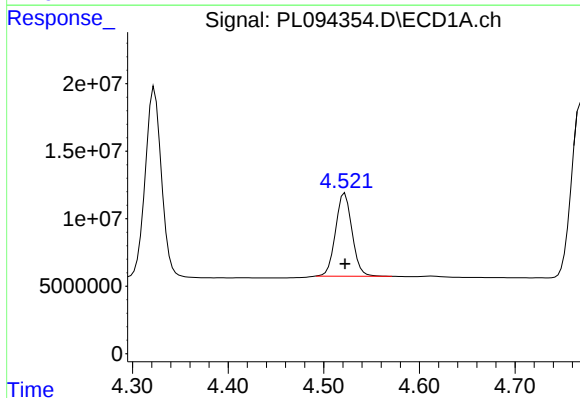
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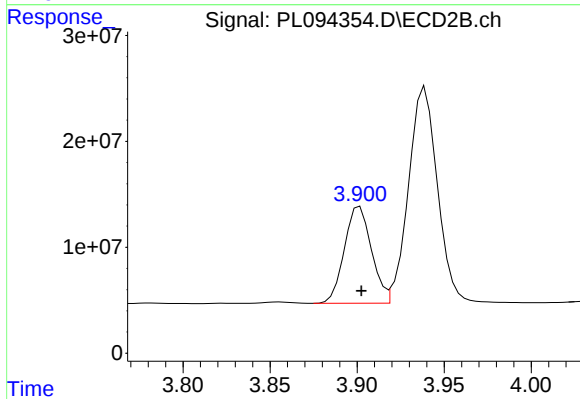
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 218689798
Conc: 47.33 ng/ml



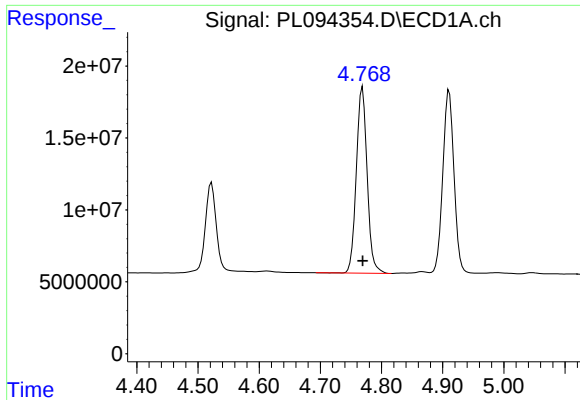
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 73577457
Conc: 46.08 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.001 min
Response: 98951502
Conc: 49.75 ng/ml



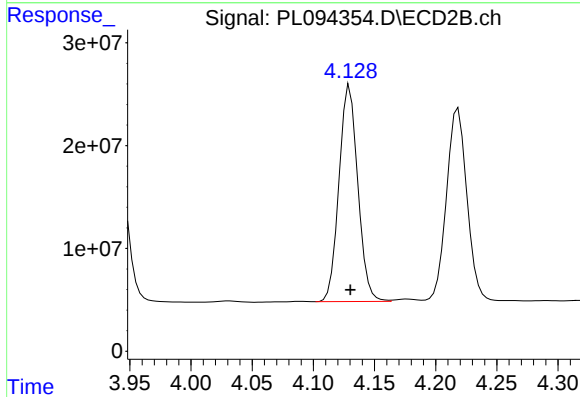
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 159562703
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP8MSD

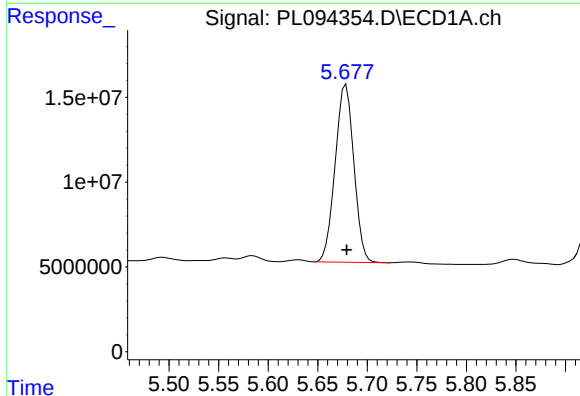
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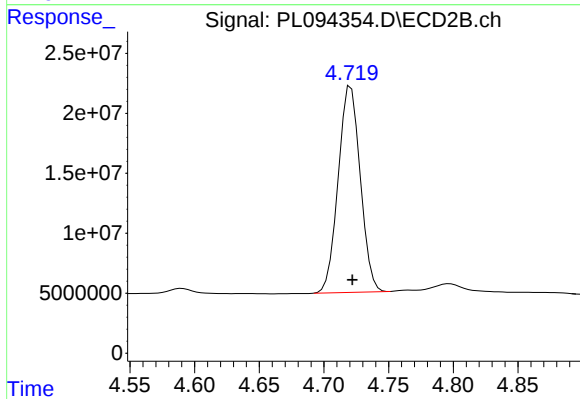
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 225583629
Conc: 47.63 ng/ml



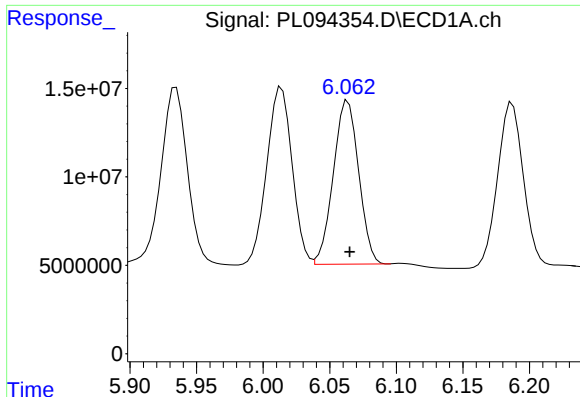
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 137514579
Conc: 45.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 204077197
Conc: 47.96 ng/ml



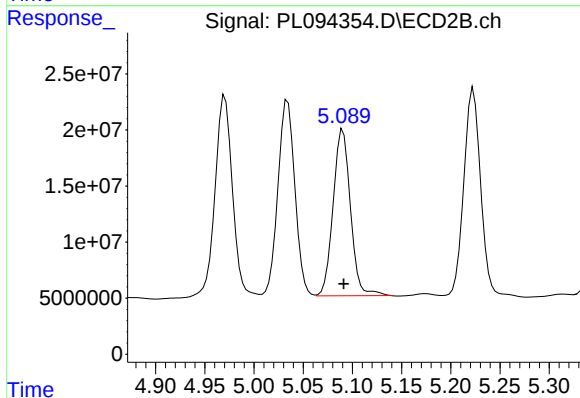
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.001 min
Response: 122721846
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP8MSD

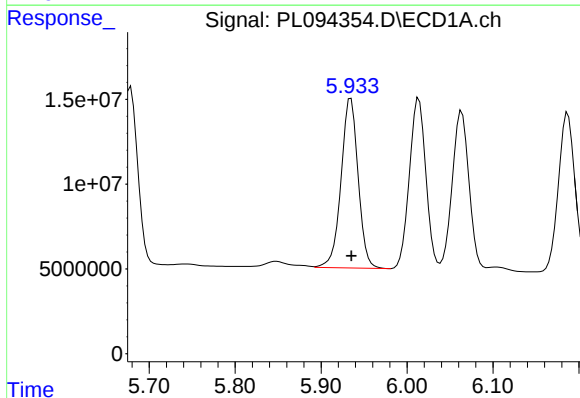
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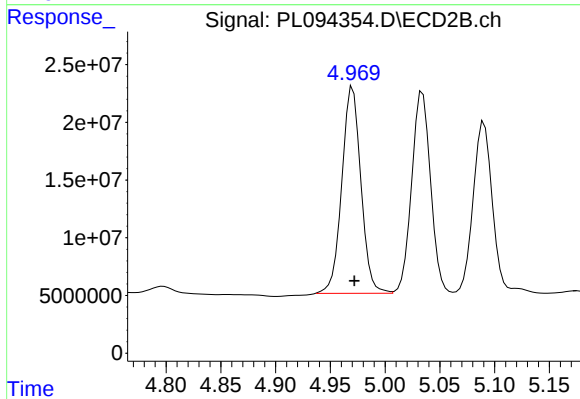
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 182130453
Conc: 45.69 ng/ml



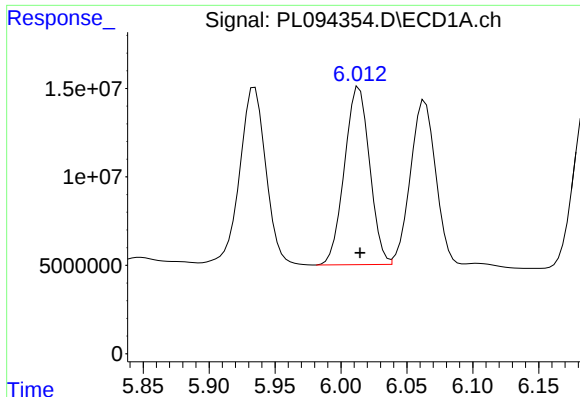
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 138274133
Conc: 47.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.002 min
Response: 217205818
Conc: 50.06 ng/ml



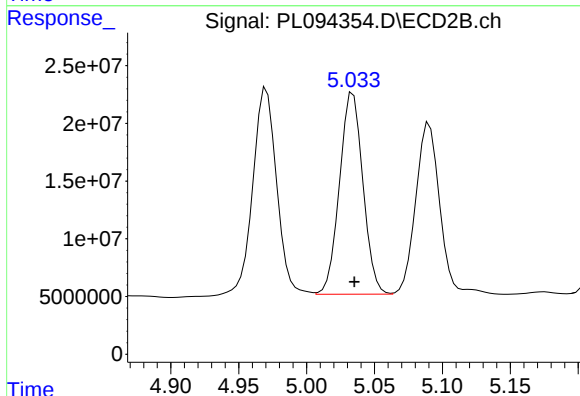
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 133580330
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP8MSD

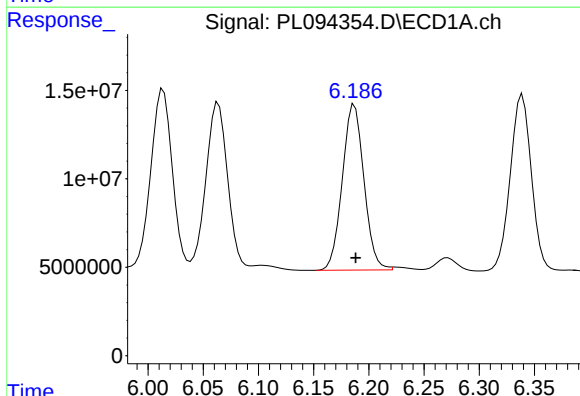
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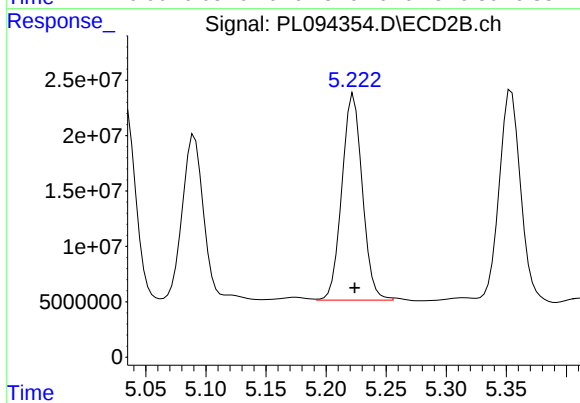
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.001 min
Response: 209764846
Conc: 48.58 ng/ml



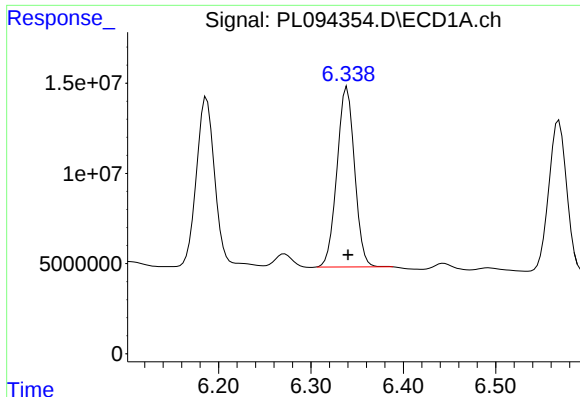
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 127621156
Conc: 48.86 ng/ml m



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 220719153
Conc: 52.55 ng/ml m



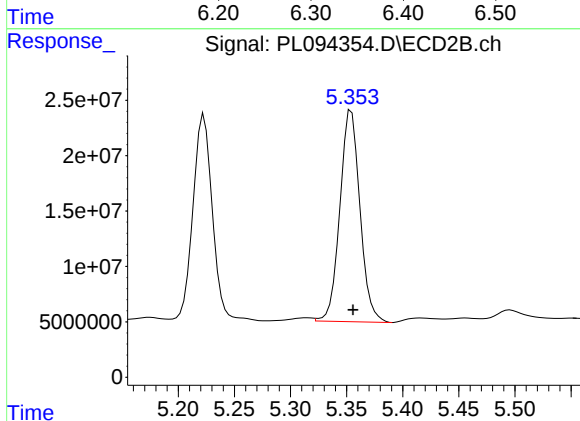
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 132294502
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP8MSD

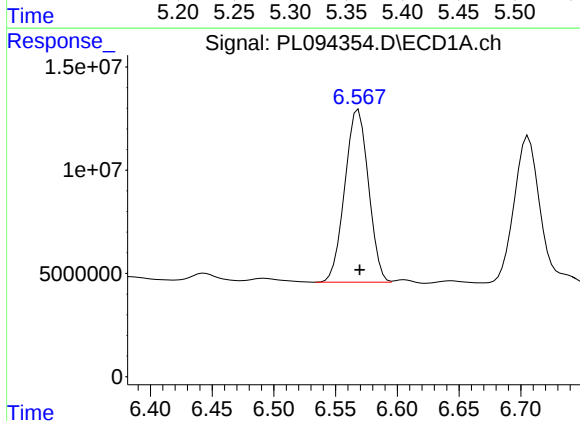
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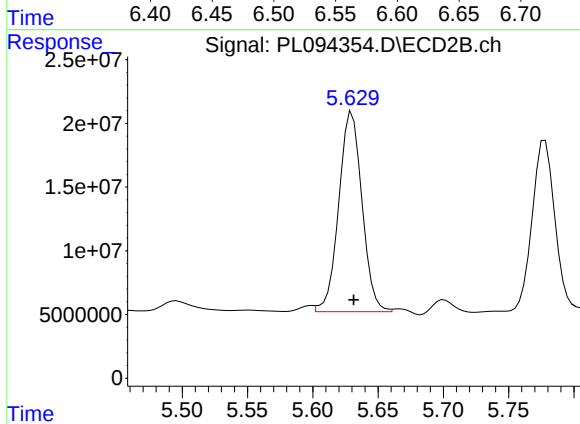
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.003 min
Response: 237519945
Conc: 54.21 ng/ml m



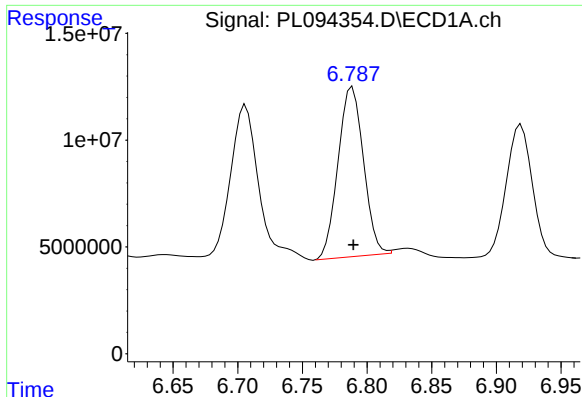
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 111984356
Conc: 43.88 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.003 min
Response: 194118654
Conc: 57.01 ng/ml m



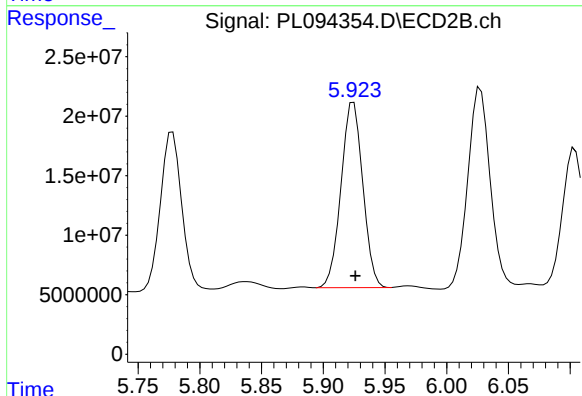
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 108588465
Conc: 43.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP8MSD

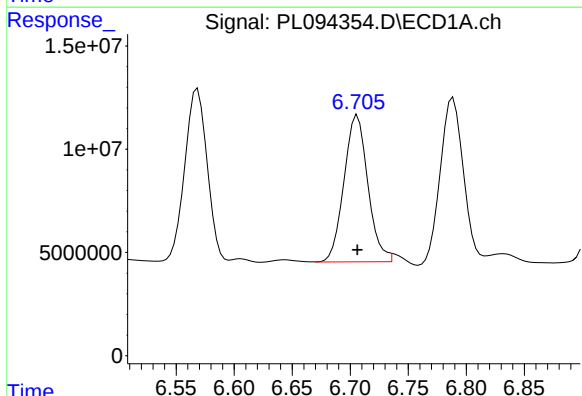
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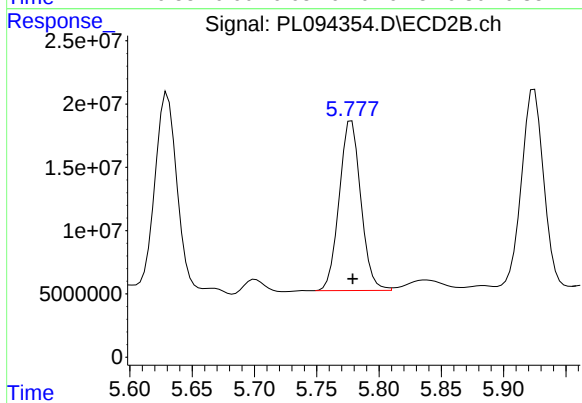
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.002 min
Response: 191300335
Conc: 51.16 ng/ml



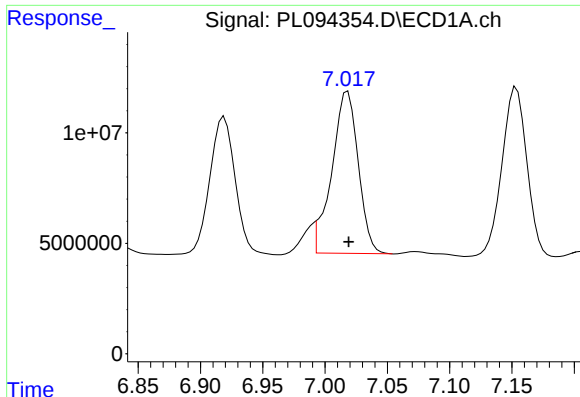
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 102386335
Conc: 55.35 ng/ml m



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 162383171
Conc: 50.98 ng/ml m



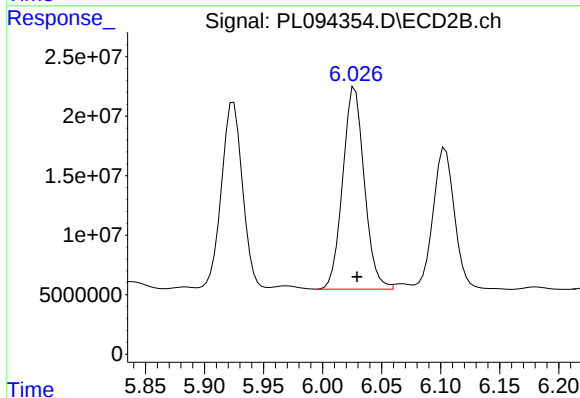
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 107192119
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP8MSD

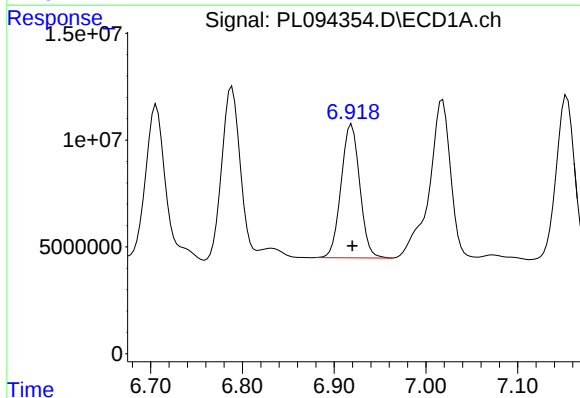
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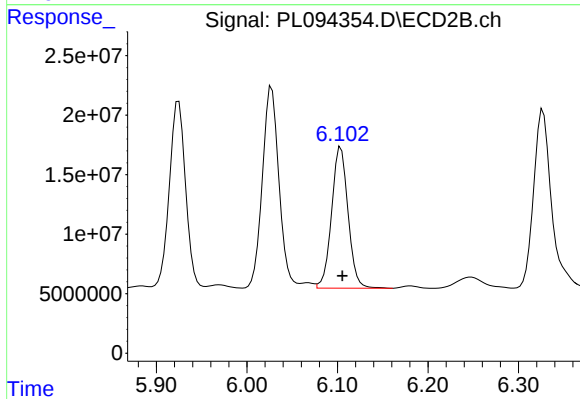
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 216074057
Conc: 60.75 ng/ml



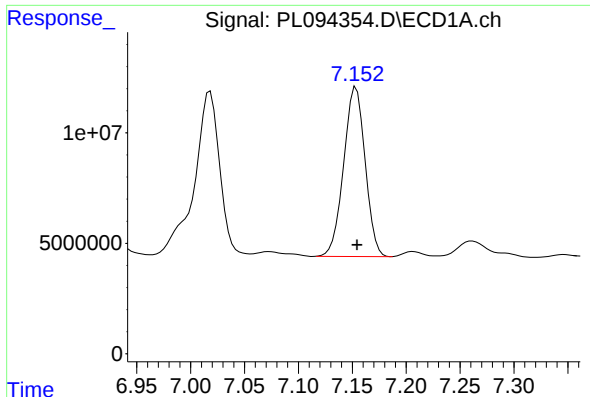
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 88175379
Conc: 45.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 150071621
Conc: 47.48 ng/ml



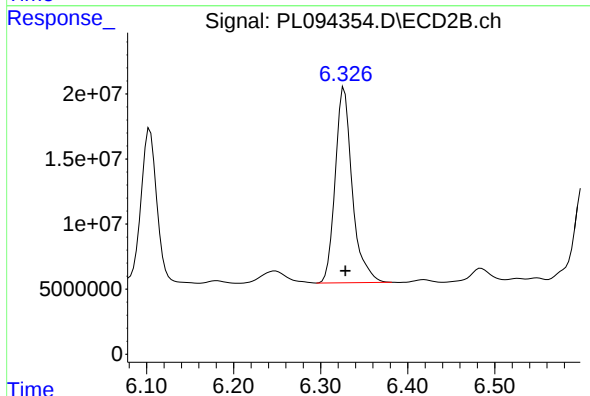
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 106496806
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP8MSD

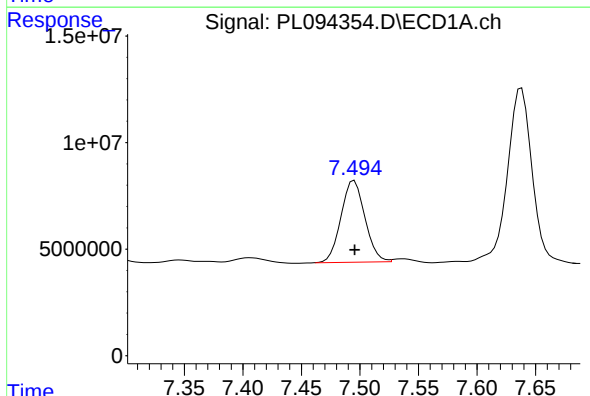
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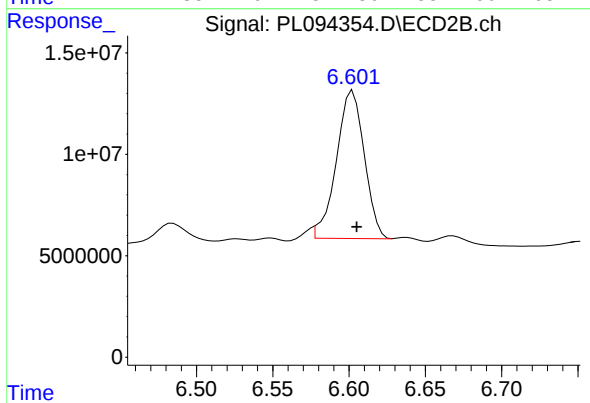
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.001 min
Response: 204507734
Conc: 55.37 ng/ml



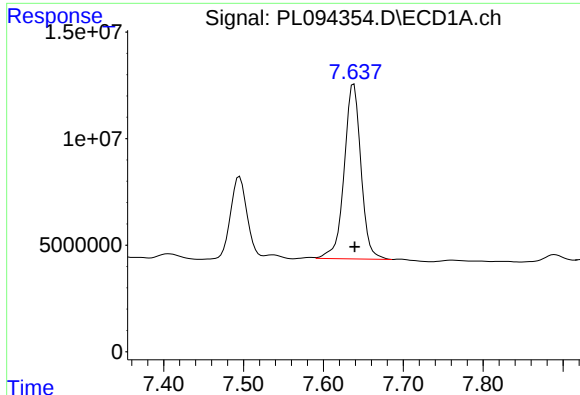
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 54474962
Conc: 49.03 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.004 min
Response: 92504500
Conc: 47.41 ng/ml m



#21 Endrin ketone

R.T.: 7.637 min
Delta R.T.: -0.003 min
Response: 120090619
Conc: 47.90 ng/ml

Instrument :

ECD_L

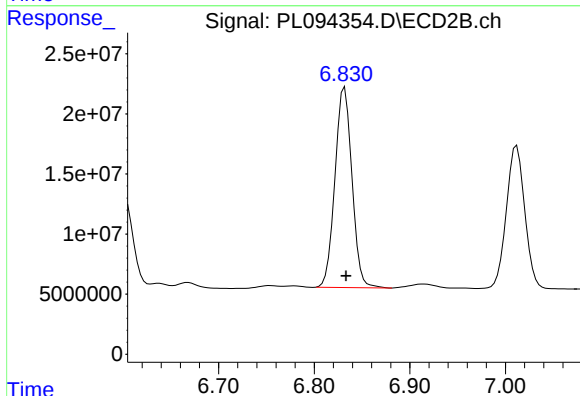
ClientSampleId :

TP8MSD

Manual Integrations

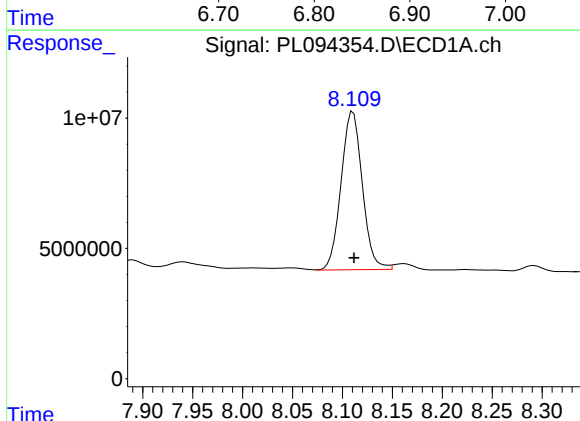
APPROVED

Reviewed By :Abdul Mirza 02/22/2025
Supervised By :Ankita Jodhani 02/24/2025



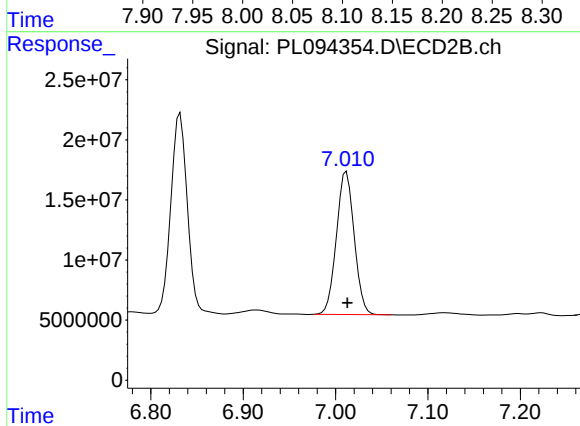
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 205823390
Conc: 48.23 ng/ml



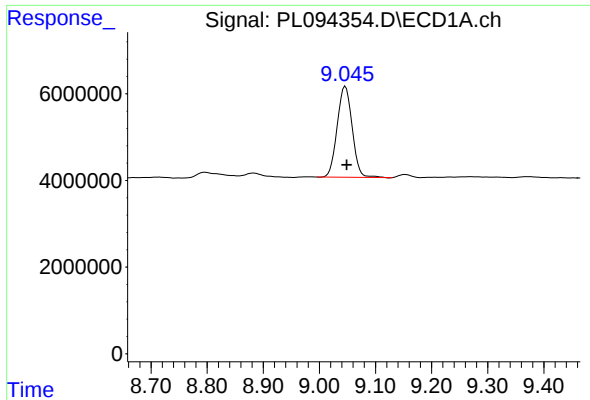
#22 Mirex

R.T.: 8.109 min
Delta R.T.: -0.002 min
Response: 90227209
Conc: 43.73 ng/ml m



#22 Mirex

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 158948750
Conc: 45.58 ng/ml



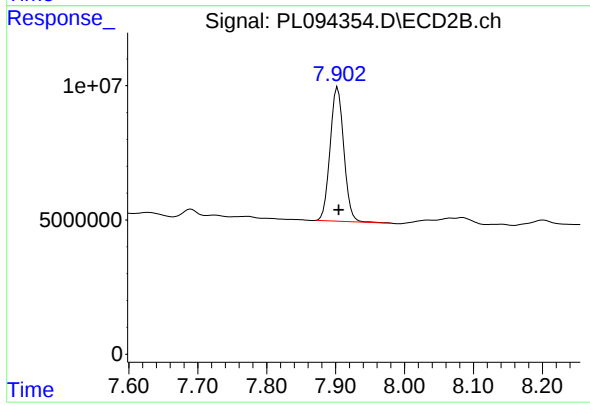
#28 Decachlorobiphenyl

R.T.: 9.046 min
Delta R.T.: -0.003 min
Response: 38908710
Conc: 18.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP8MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/22/2025
Supervised By :Ankita Jodhani 02/24/2025



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.001 min
Response: 68761784
Conc: 17.88 ng/ml