

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022625\
 Data File : PL094414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 19:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/27/2025
 Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 23:50:09 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...	3.537	2.771	133.7E6	173.8E6	52.671	54.471
28)	SA Decachlor...	9.051	7.904	104.5E6	180.8E6	49.121	47.016
Target Compounds							
2)	A alpha-BHC	3.993	3.273	196.8E6	266.9E6	52.028	54.306
3)	MA gamma-BHC...	4.325	3.603	190.8E6	257.2E6	51.646	54.600
4)	MA Heptachlor	4.913	3.941	174.1E6	250.6E6	51.352	53.097
5)	MB Aldrin	5.255	4.220	174.5E6	250.0E6	50.860	54.113
6)	B beta-BHC	4.524	3.904	81931267	107.3E6	51.306	53.960
7)	B delta-BHC	4.771	4.132	183.6E6	257.1E6	51.893	54.286
8)	B Heptachlo...	5.681	4.723	154.9E6	226.5E6	51.416	53.221
9)	A Endosulfan I	6.066	5.092	137.4E6	183.0E6	49.973	45.905
10)	B gamma-Chl...	5.937	4.973	146.4E6	229.4E6	49.870	52.873
11)	B alpha-Chl...	6.016	5.036	146.3E6	226.5E6	50.494	52.455
12)	B 4,4'-DDE	6.190	5.223	137.1E6	228.0E6	52.508	54.297m
13)	MA Dieldrin	6.342	5.357	144.8E6	232.2E6	50.813	52.984
14)	MA Endrin	6.570	5.632	122.6E6	200.8E6	48.039m	58.975
15)	B Endosulfa...	6.791	5.926	122.1E6	197.7E6	48.503	52.880m
16)	A 4,4'-DDD	6.707	5.780	105.6E6	178.2E6	57.073	55.934
17)	MA 4,4'-DDT	7.021	6.030	111.3E6	191.0E6	52.976	53.699
18)	B Endrin al...	6.922	6.106	99153022	160.6E6	50.931	50.815
19)	B Endosulfa...	7.156	6.328	111.7E6	189.8E6	49.341	51.398
20)	A Methoxychlor	7.498	6.605	59057229	104.5E6	53.155	53.543
21)	B Endrin ke...	7.641	6.834	122.9E6	215.8E6	49.013	50.572
22)	Mirex	8.114	7.014	97247166	170.5E6	47.132	48.894

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022625\
Data File : PL094414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 19:33
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

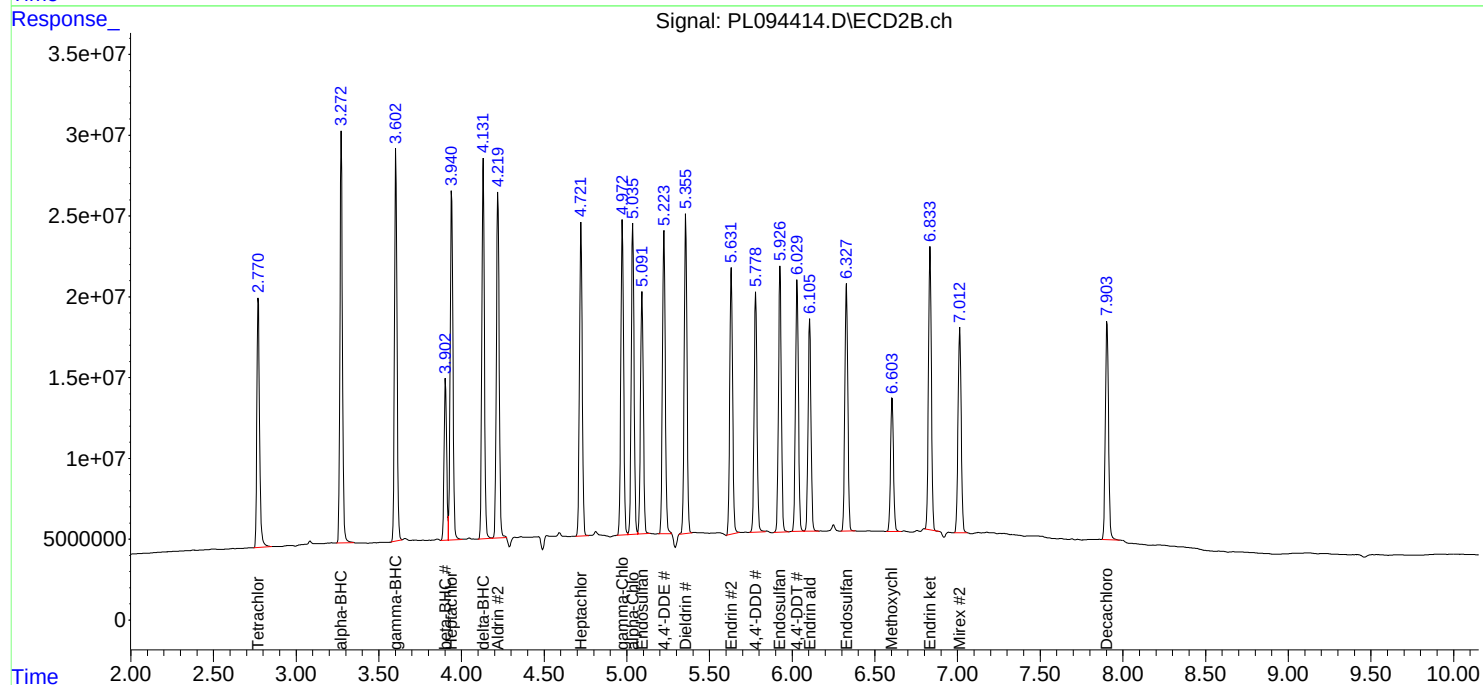
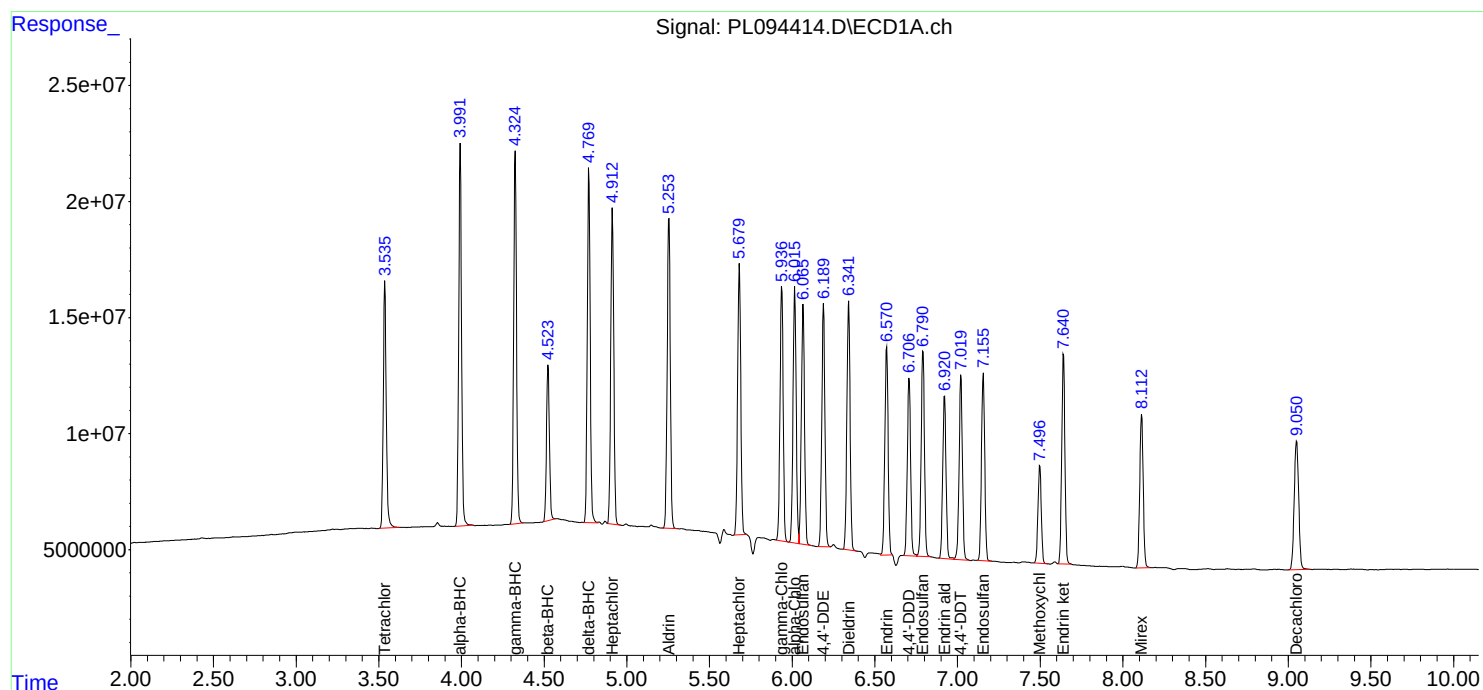
APPROVED

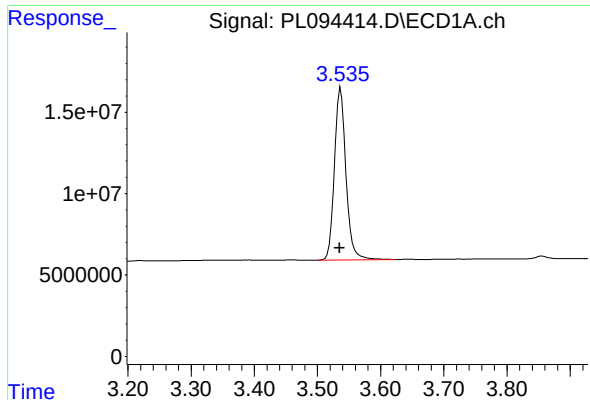
Reviewed By :Abdul Mirza 02/27/2025

Supervised By :Ankita Jodhani 02/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 23:50:09 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





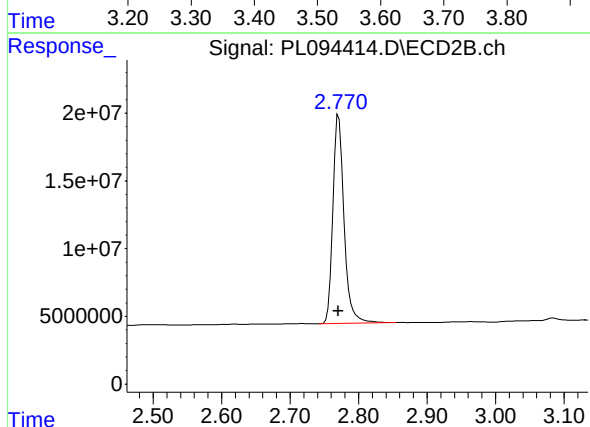
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 133737212
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

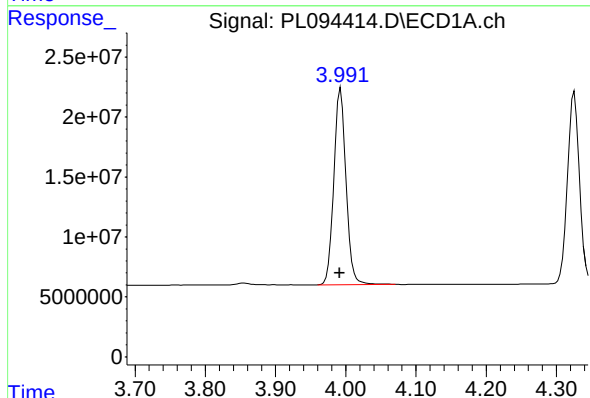
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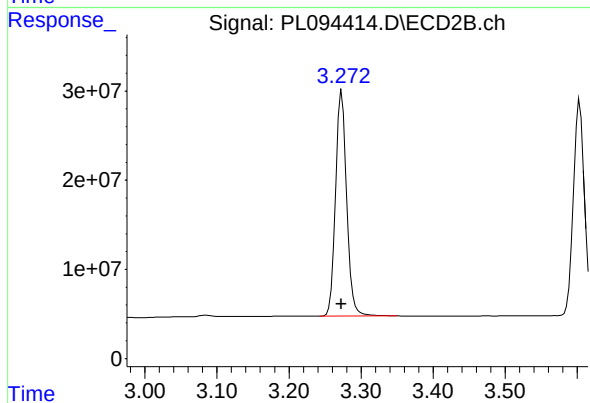
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 173825114
Conc: 54.47 ng/ml



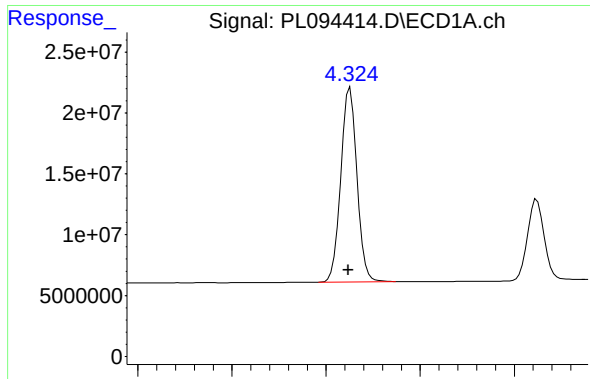
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 196805914
Conc: 52.03 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 266901310
Conc: 54.31 ng/ml



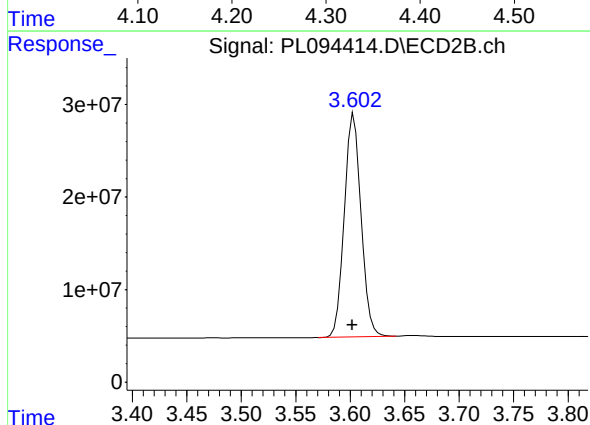
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.002 min
Response: 190819592
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

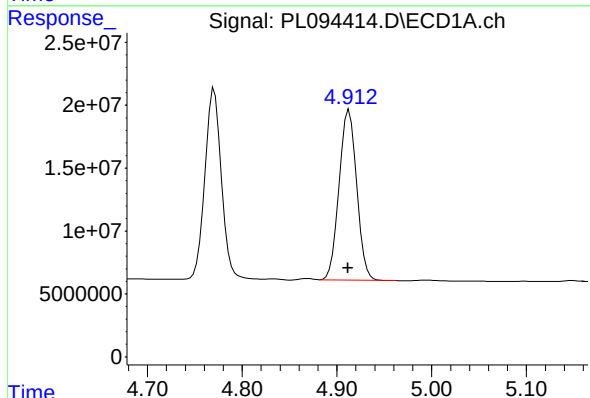
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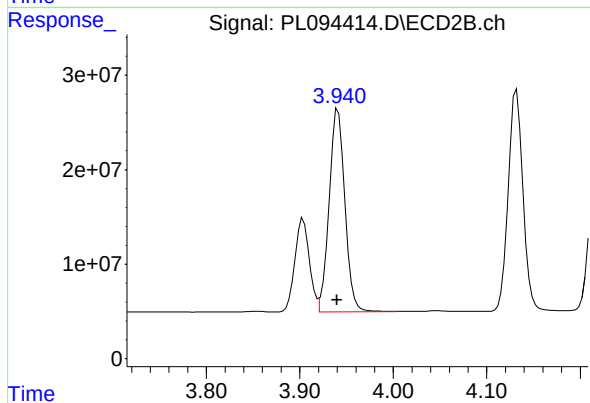
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.002 min
Response: 257164026
Conc: 54.60 ng/ml



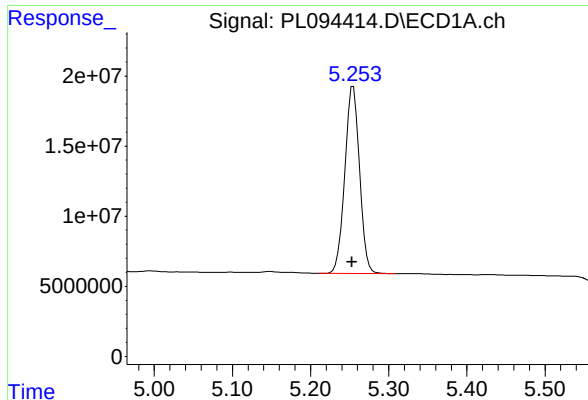
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.001 min
Response: 174099973
Conc: 51.35 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.001 min
Response: 250633192
Conc: 53.10 ng/ml



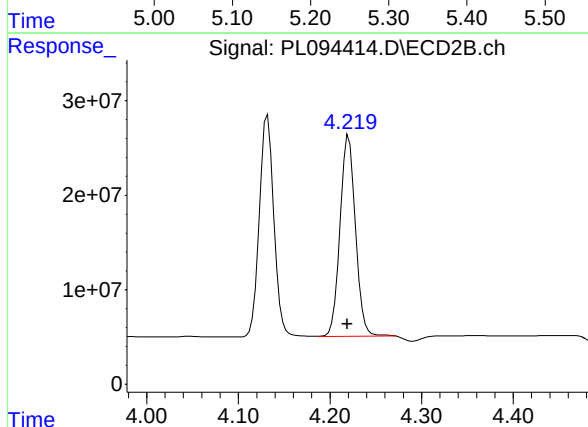
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 174538100
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

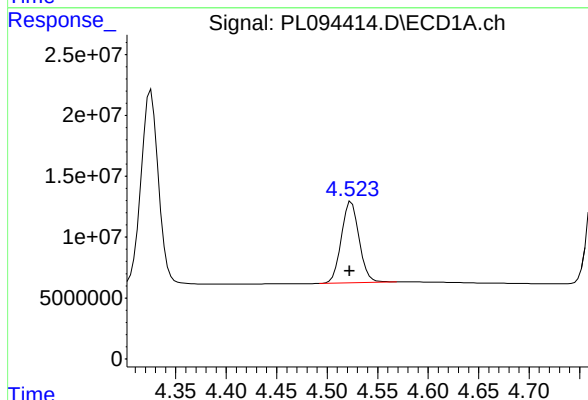
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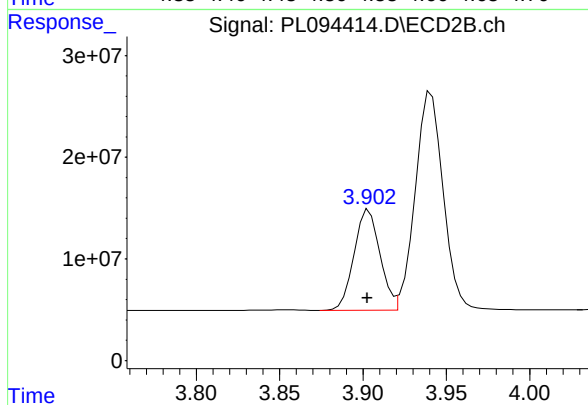
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 250023998
Conc: 54.11 ng/ml



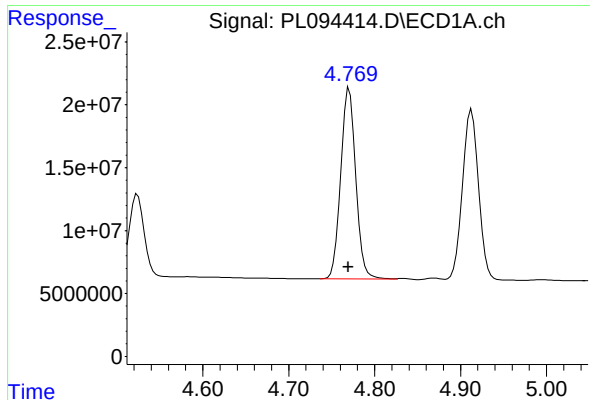
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 81931267
Conc: 51.31 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 107322468
Conc: 53.96 ng/ml



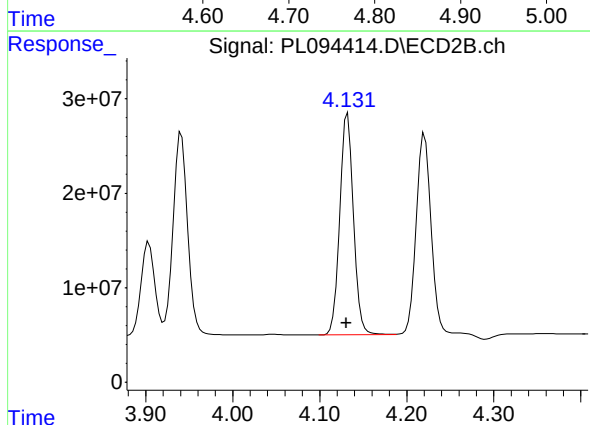
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.001 min
Response: 183612193
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

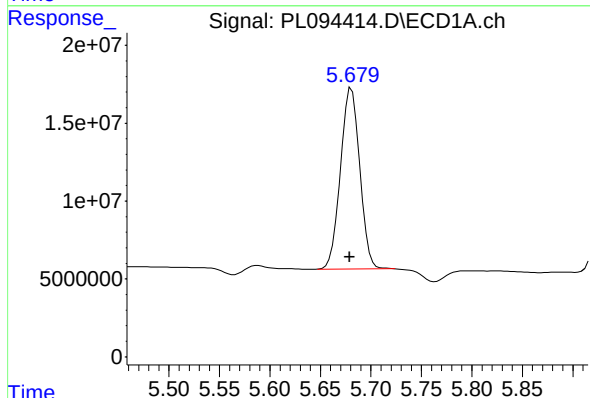
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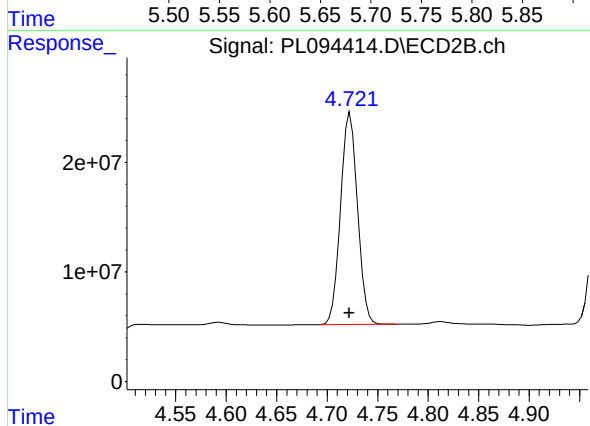
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 257082983
Conc: 54.29 ng/ml



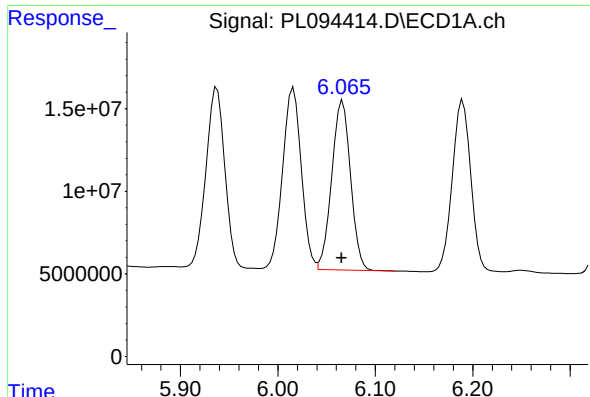
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 154935367
Conc: 51.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 226475314
Conc: 53.22 ng/ml



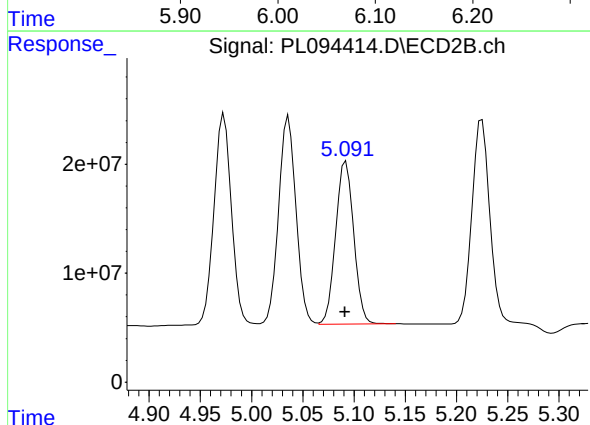
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.001 min
Response: 137357490
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

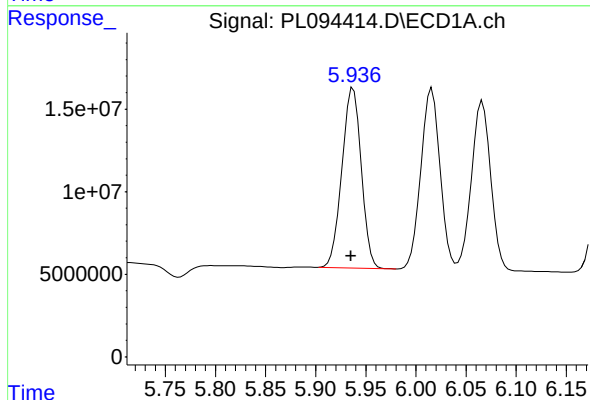
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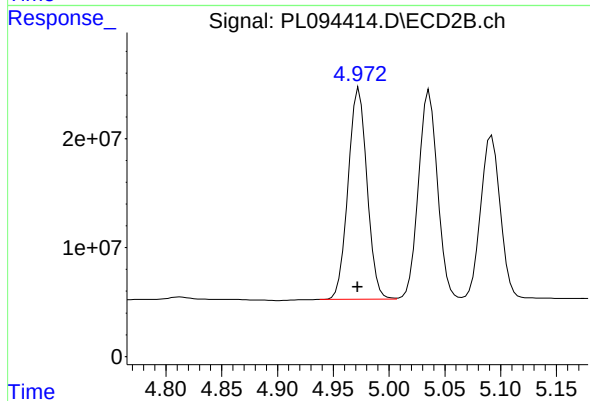
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 183004884
Conc: 45.91 ng/ml



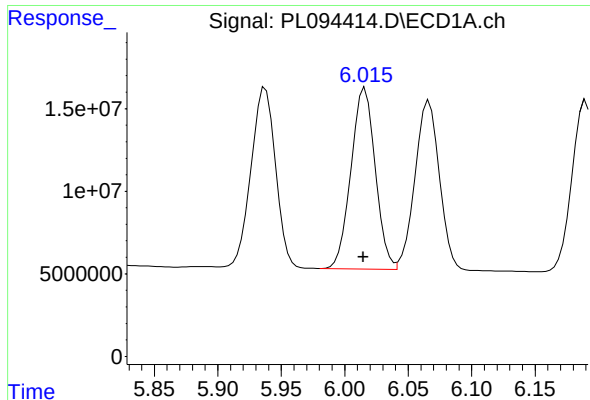
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 146425495
Conc: 49.87 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.001 min
Response: 229408358
Conc: 52.87 ng/ml



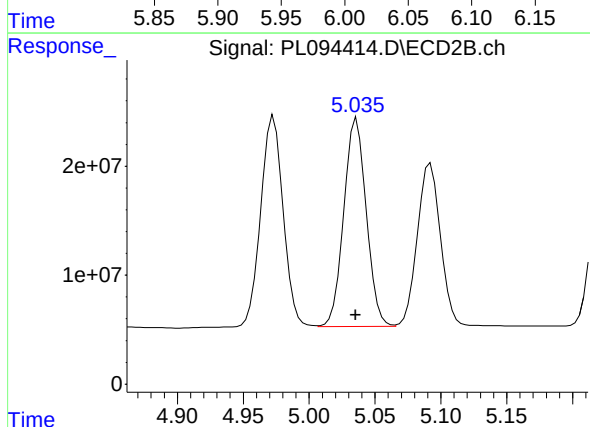
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.001 min
Response: 146286331
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

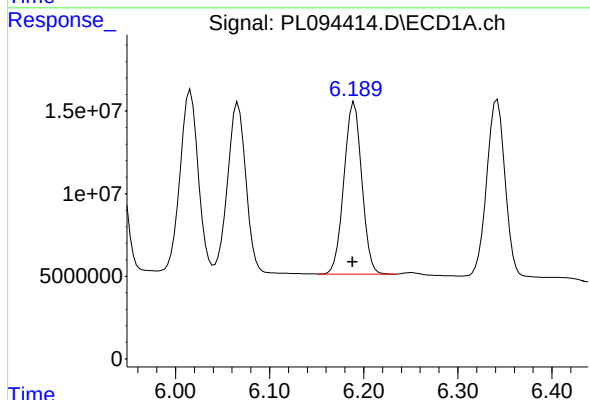
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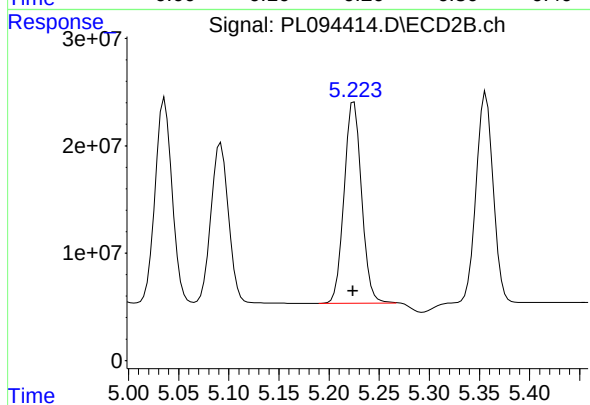
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 226477767
Conc: 52.45 ng/ml



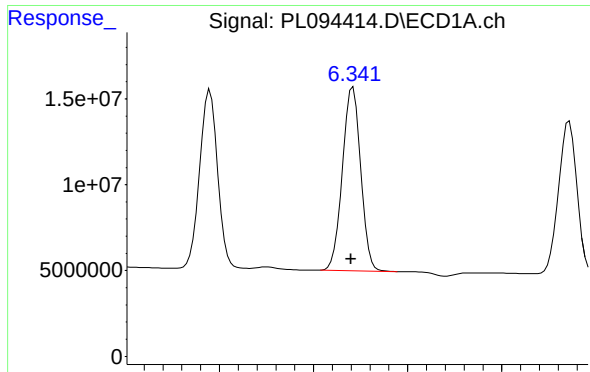
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 137135135
Conc: 52.51 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 228048979
Conc: 54.30 ng/ml m



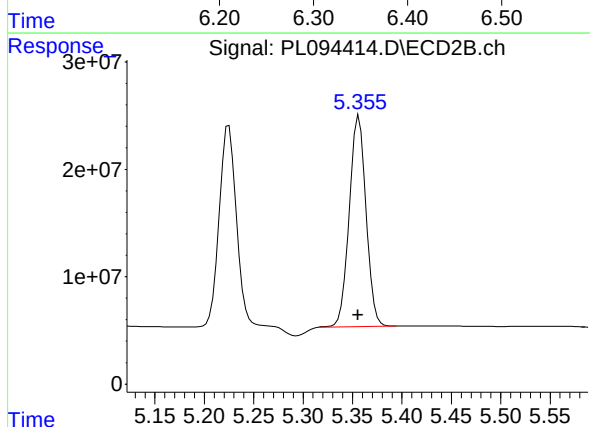
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 144768221
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

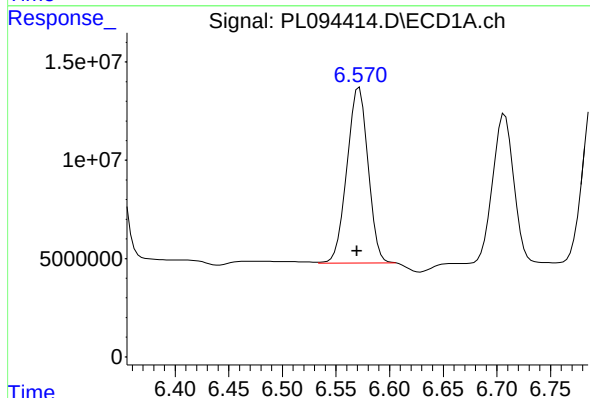
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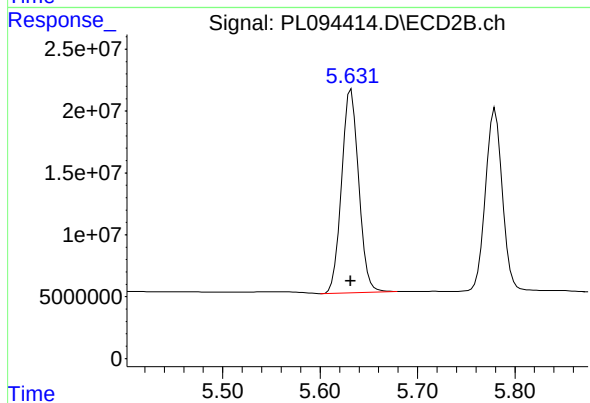
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 232162877
Conc: 52.98 ng/ml



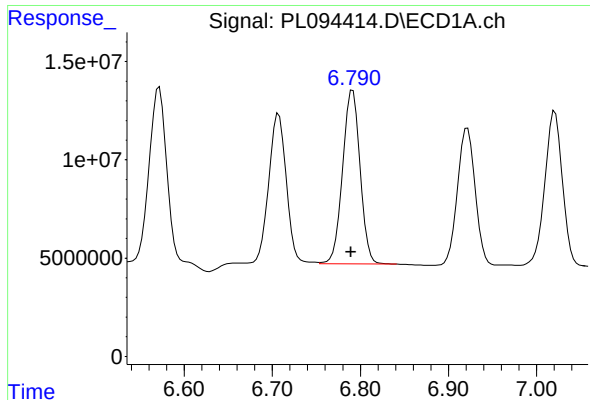
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 122609938
Conc: 48.04 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 200793288
Conc: 58.98 ng/ml



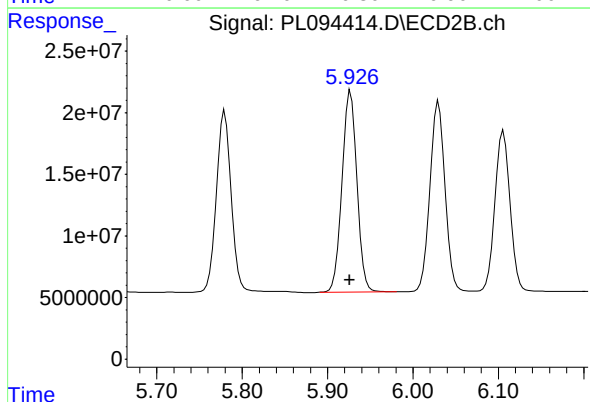
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.002 min
Response: 122093342
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

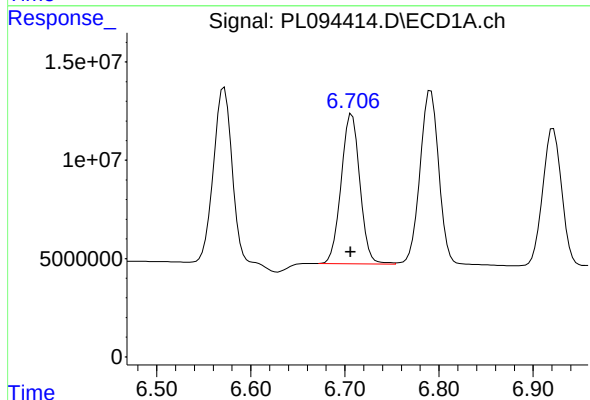
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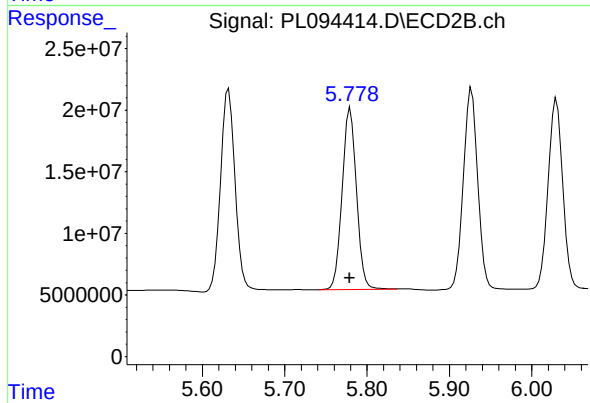
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 197747046
Conc: 52.88 ng/ml m



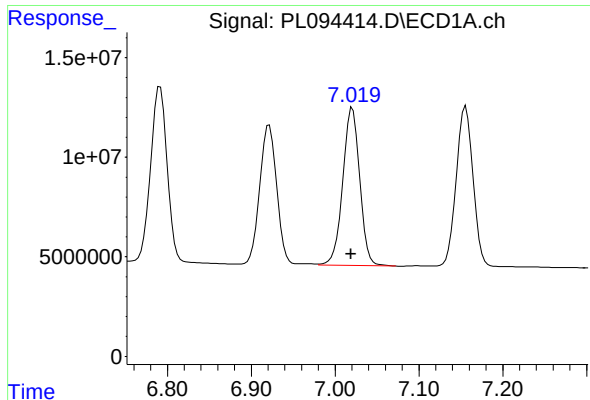
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.001 min
Response: 105570145
Conc: 57.07 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 178167159
Conc: 55.93 ng/ml



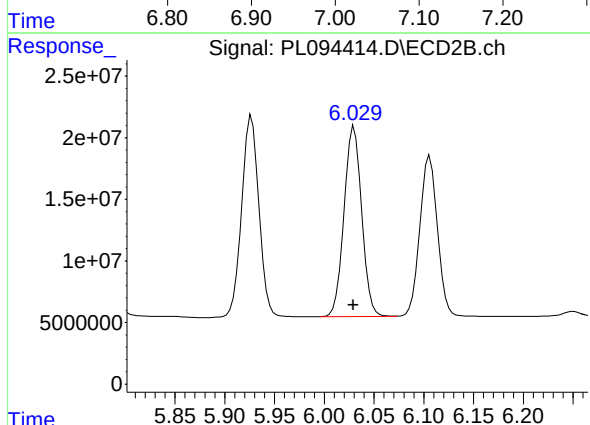
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 111250397
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

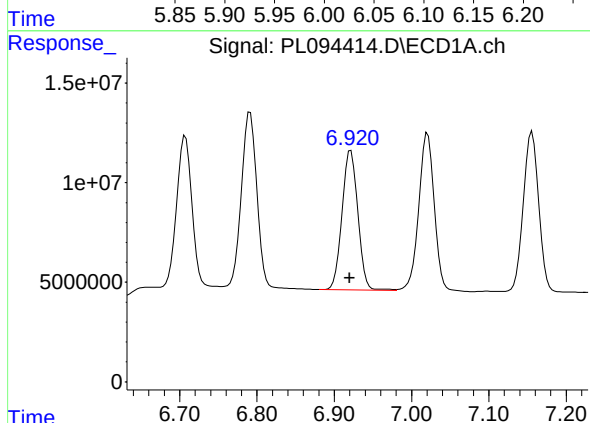
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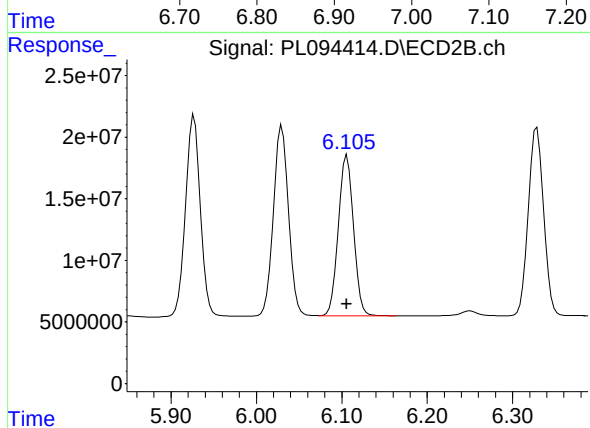
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 191007120
Conc: 53.70 ng/ml



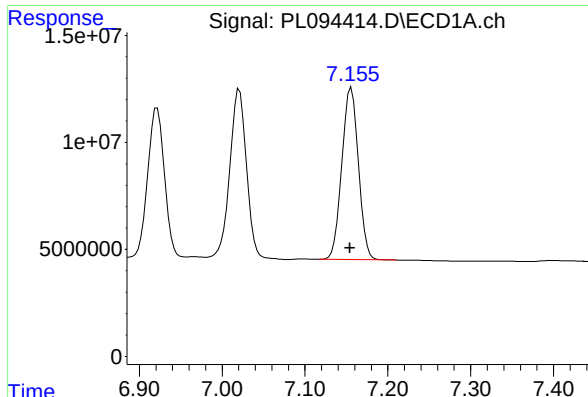
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 99153022
Conc: 50.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 160597753
Conc: 50.82 ng/ml



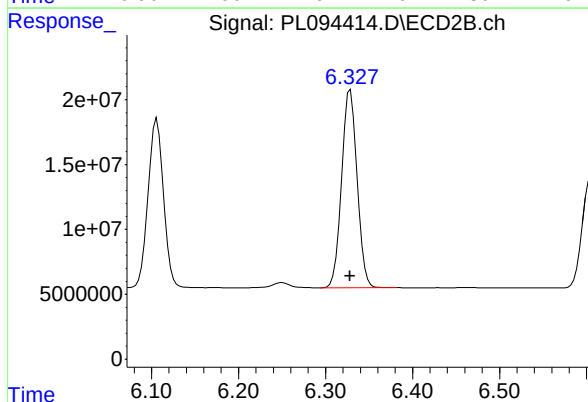
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.001 min
Response: 111699099
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

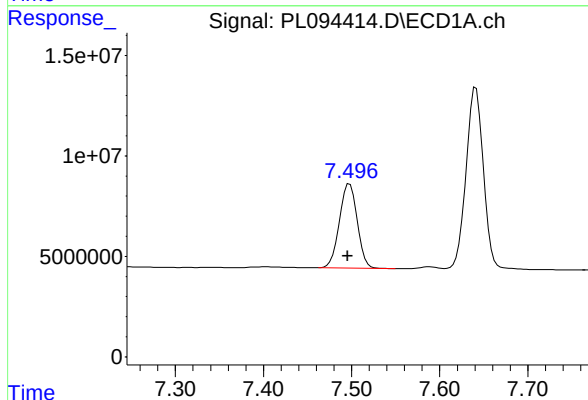
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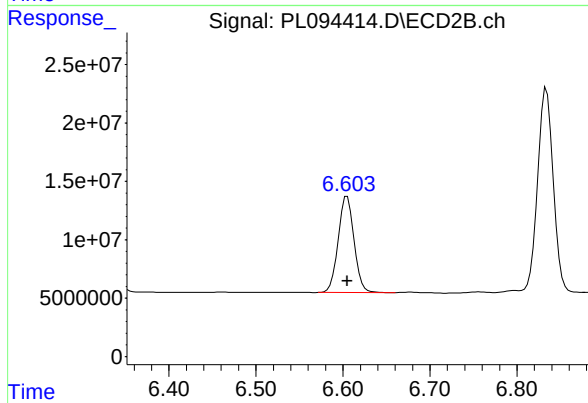
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: 0.000 min
Response: 189847383
Conc: 51.40 ng/ml



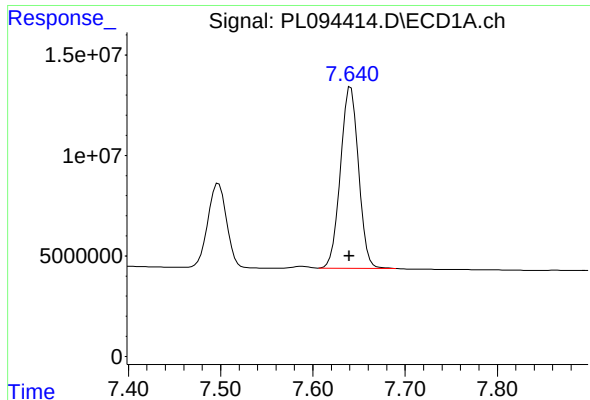
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.002 min
Response: 59057229
Conc: 53.15 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 104464465
Conc: 53.54 ng/ml



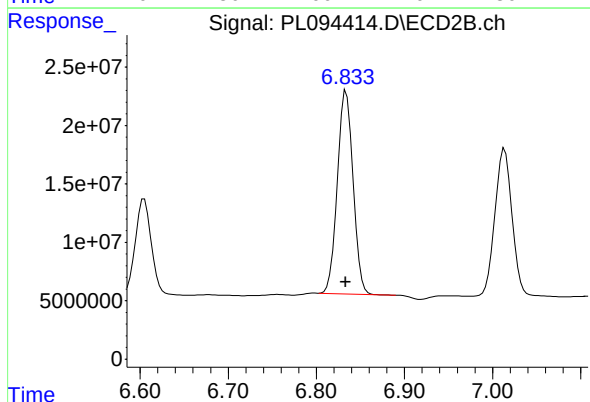
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.002 min
Response: 122872522
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

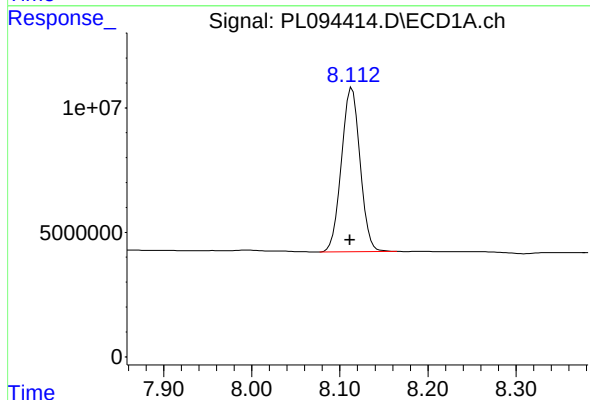
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/27/2025
Supervised By :Ankita Jodhani 02/28/2025



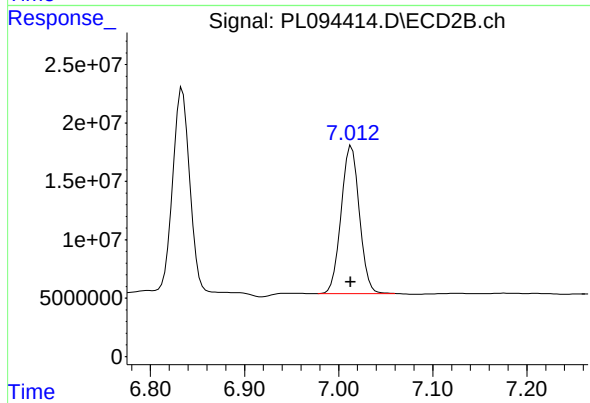
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 215817425
Conc: 50.57 ng/ml



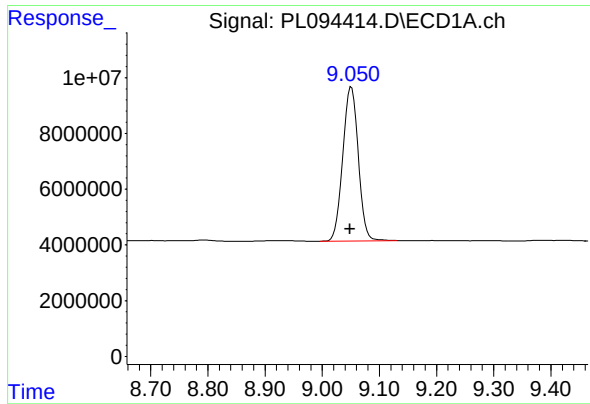
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.002 min
Response: 97247166
Conc: 47.13 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.001 min
Response: 170496042
Conc: 48.89 ng/ml



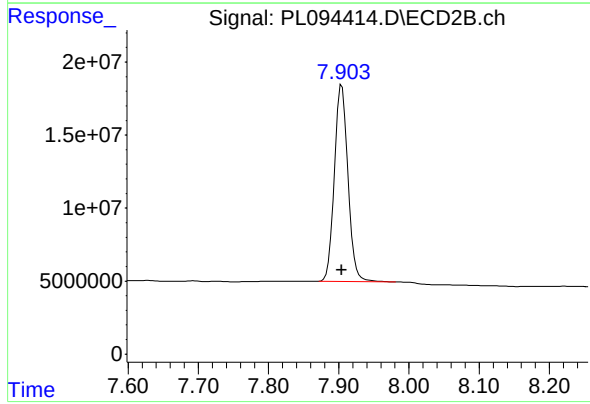
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: 0.002 min
Response: 104494194
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 180808682
Conc: 47.02 ng/ml