

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
 Data File : PL094402.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Feb 2025 16:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/26/2025
 Supervised By :Ankita Jodhani 02/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 00:14:56 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...	3.536	2.771	126.1E6	167.2E6	49.666	52.397
28)	SA Decachlor...	9.052	7.905	95122568	155.3E6	44.716	40.373
Target Compounds							
2)	A alpha-BHC	3.992	3.273	184.1E6	252.8E6	48.668	51.447
3)	MA gamma-BHC...	4.325	3.603	178.0E6	241.2E6	48.174	51.220
4)	MA Heptachlor	4.913	3.941	154.8E6	224.0E6	45.661	47.462
5)	MB Aldrin	5.254	4.220	162.3E6	234.3E6	47.302	50.703
6)	B beta-BHC	4.523	3.903	76393175	101.1E6	47.838	50.815
7)	B delta-BHC	4.770	4.131	170.5E6	241.7E6	48.180	51.039
8)	B Heptachlo...	5.681	4.722	142.3E6	211.8E6	47.222	49.779
9)	A Endosulfan I	6.066	5.092	125.7E6	180.4E6	45.717	45.240
10)	B gamma-Chl...	5.936	4.972	135.1E6	215.1E6	46.027m	49.585
11)	B alpha-Chl...	6.016	5.036	134.3E6	212.2E6	46.349	49.152
12)	B 4,4'-DDE	6.189	5.223	126.0E6	213.2E6	48.250	50.772m
13)	MA Dieldrin	6.341	5.356	131.4E6	215.7E6	46.104	49.229
14)	MA Endrin	6.570	5.632	103.8E6	180.3E6	40.677m	52.958 #
15)	B Endosulfa...	6.791	5.926	110.6E6	181.3E6	43.956	48.491
16)	A 4,4'-DDD	6.707	5.780	101.5E6	178.2E6	54.875	55.952
17)	MA 4,4'-DDT	7.021	6.030	85647899	147.2E6	40.784	41.371
18)	B Endrin al...	6.921	6.106	89245488	146.7E6	45.842	46.433
19)	B Endosulfa...	7.156	6.329	100.8E6	173.9E6	44.508	47.085
20)	A Methoxychlor	7.498	6.604	46205044	79689822	41.587	40.845
21)	B Endrin ke...	7.641	6.834	115.0E6	202.7E6	45.891	47.491
22)	Mirex	8.114	7.014	88256008	154.3E6	42.774	44.237

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022525\
Data File : PL094402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Feb 2025 16:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

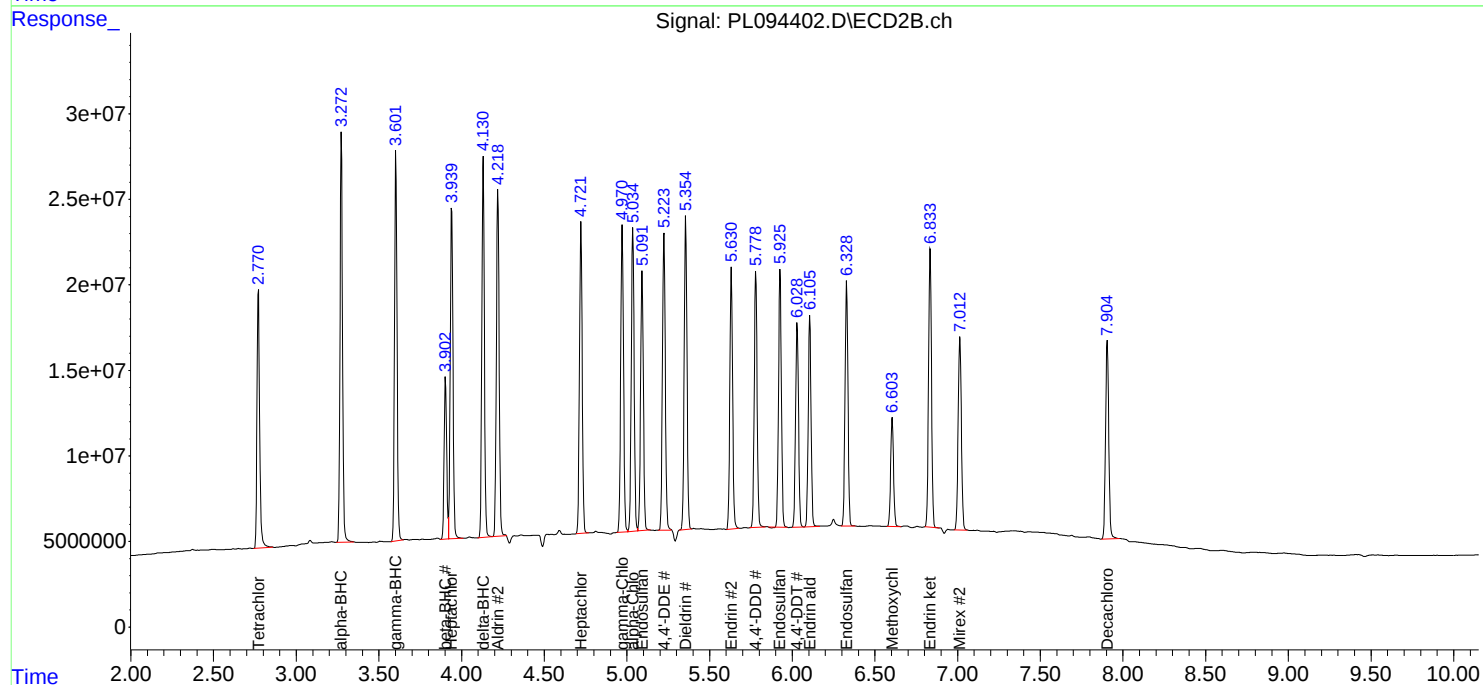
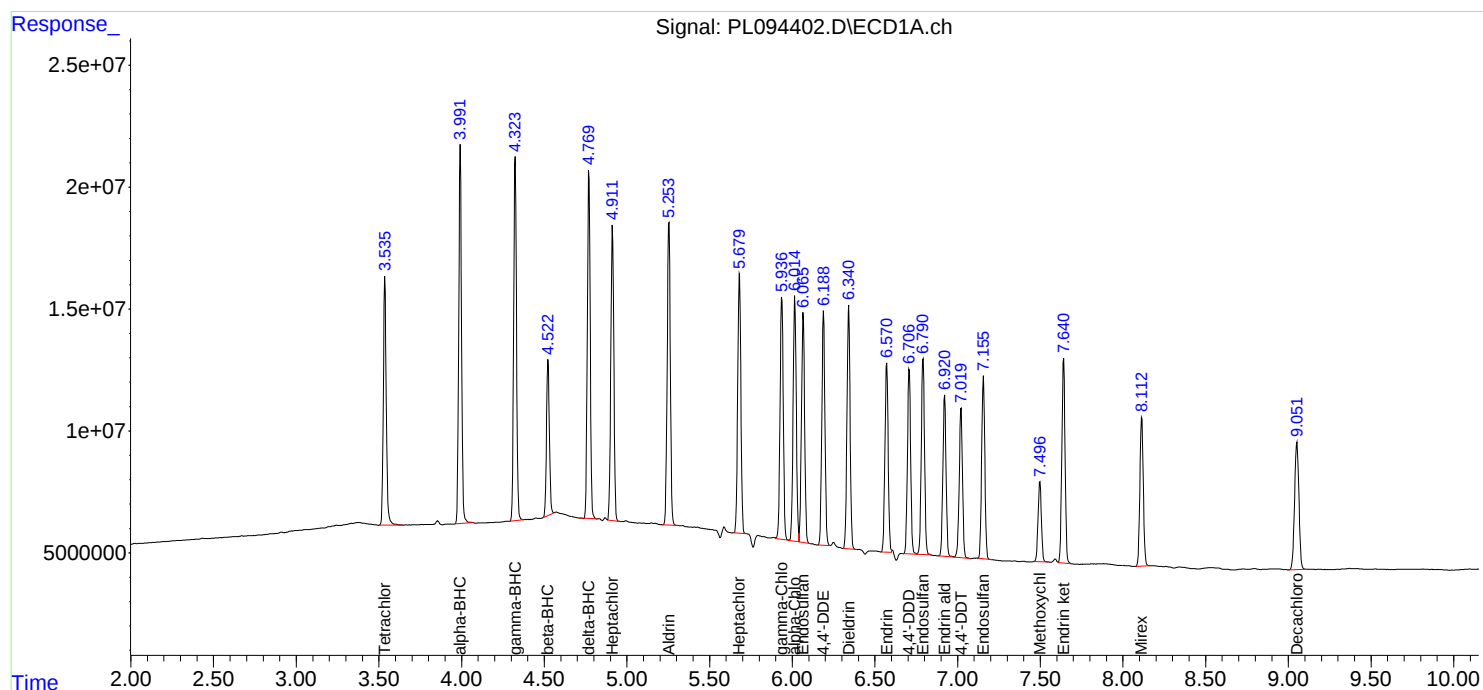
APPROVED

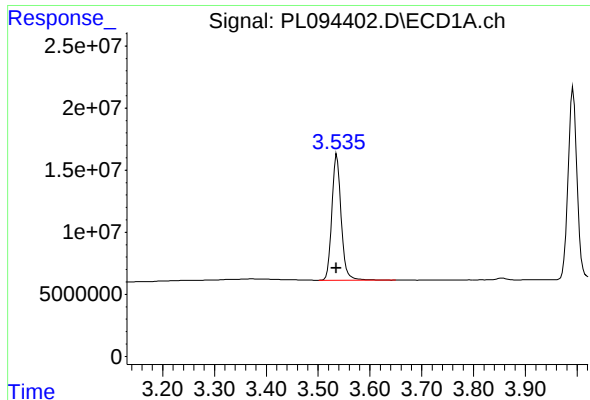
Reviewed By :Abdul Mirza 02/26/2025

Supervised By :Ankita Jodhani 02/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 26 00:14:56 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.: 3.536 min
Delta R.T.: 0.001 min
Response: 126106379
Conc: 49.67 ng/ml

Instrument :

ECD_L

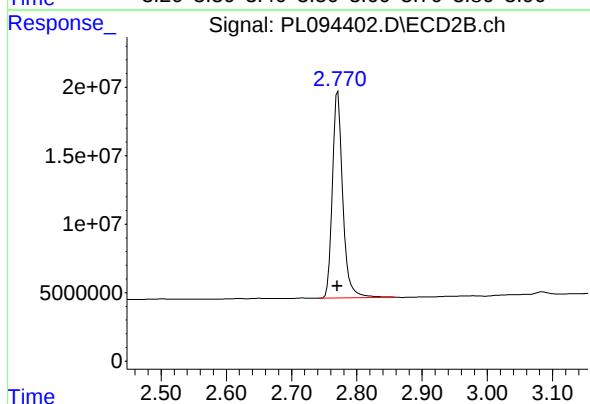
ClientSampleId :

PSTDCCC050

Manual Integrations

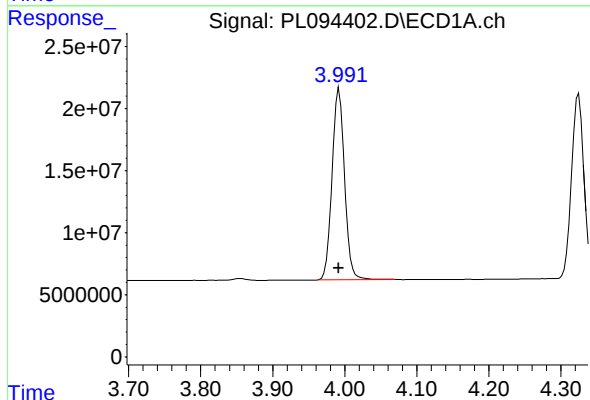
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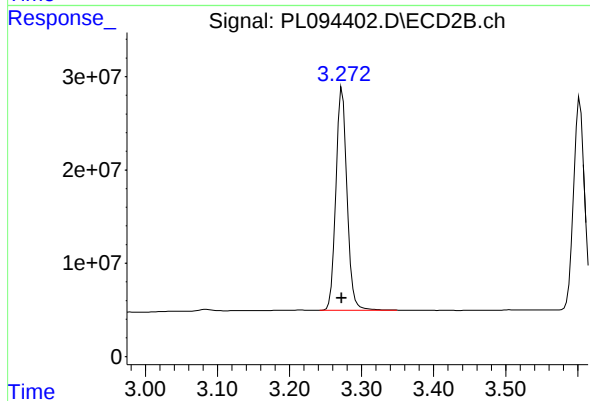
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 167209264
Conc: 52.40 ng/ml



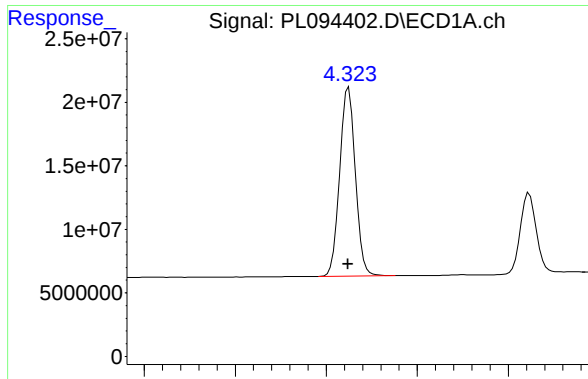
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 184092699
Conc: 48.67 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 252849672
Conc: 51.45 ng/ml



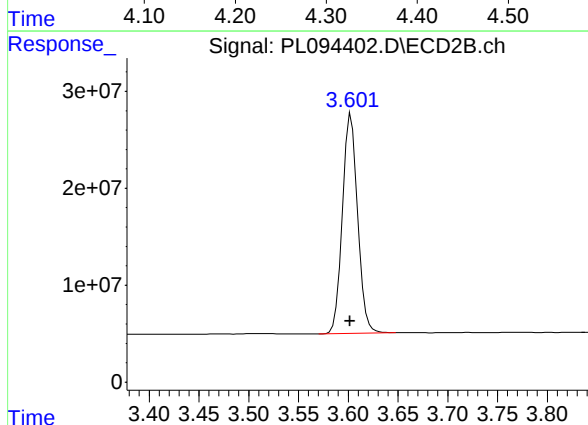
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 177988365
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

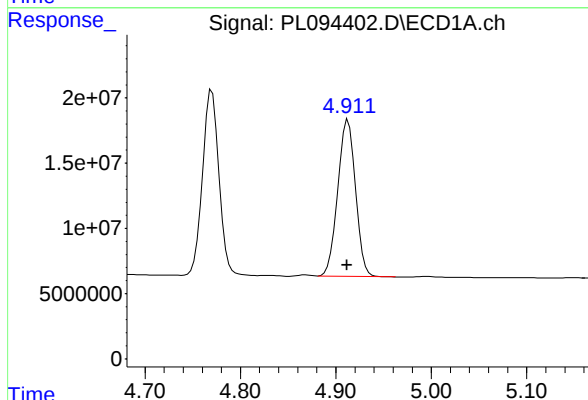
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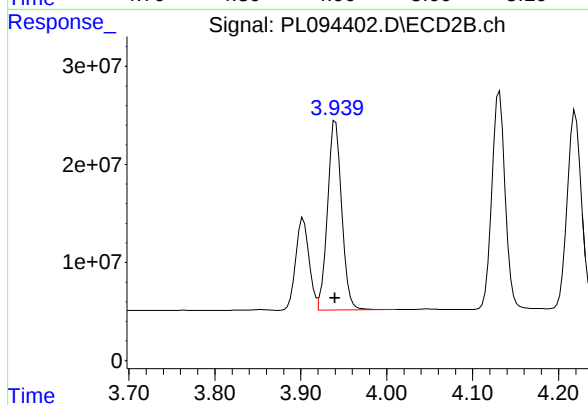
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 241241951
Conc: 51.22 ng/ml



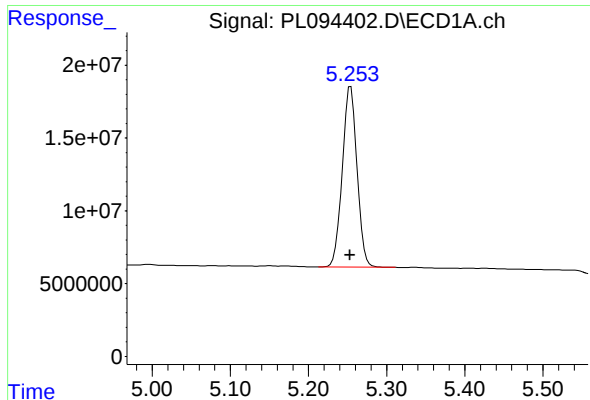
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.001 min
Response: 154807298
Conc: 45.66 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.000 min
Response: 224036599
Conc: 47.46 ng/ml



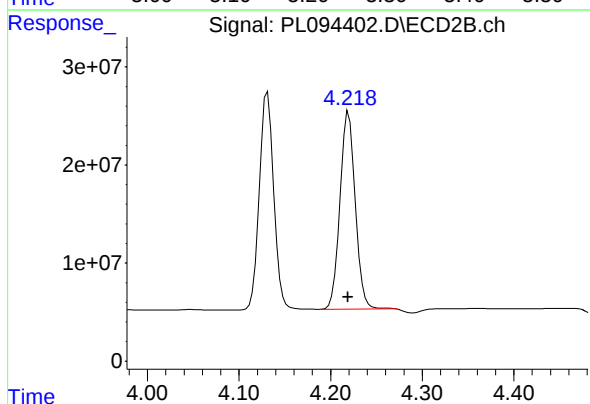
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 162327217
Conc: 47.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

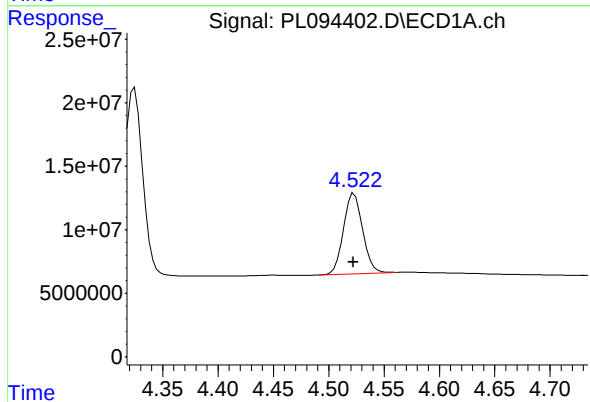
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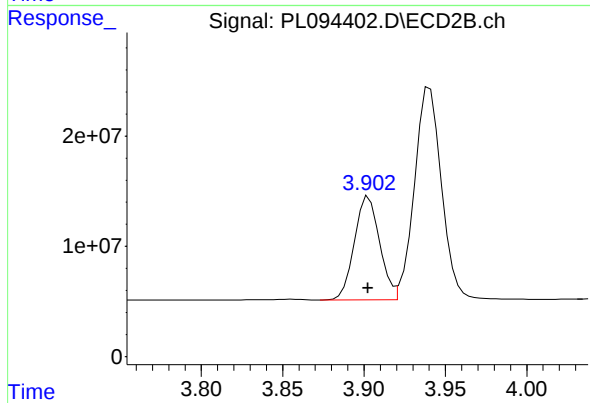
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 234266427
Conc: 50.70 ng/ml



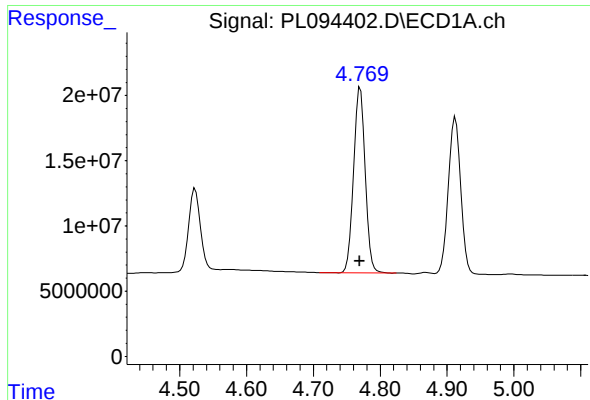
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 76393175
Conc: 47.84 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 101067926
Conc: 50.82 ng/ml



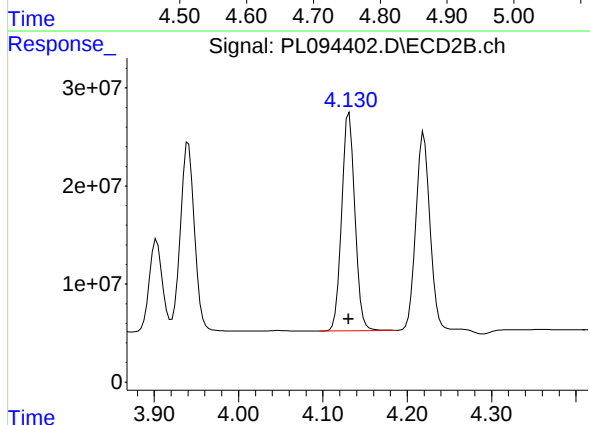
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.001 min
Response: 170473540
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

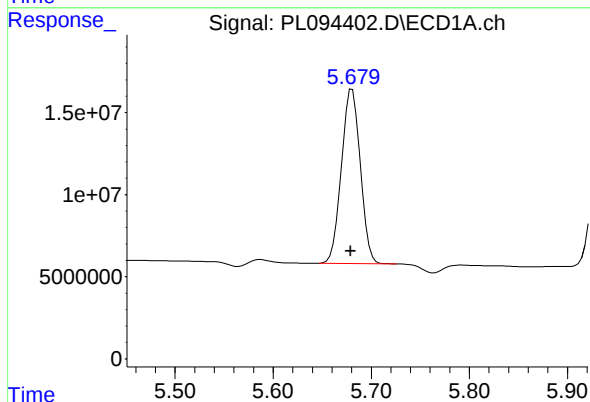
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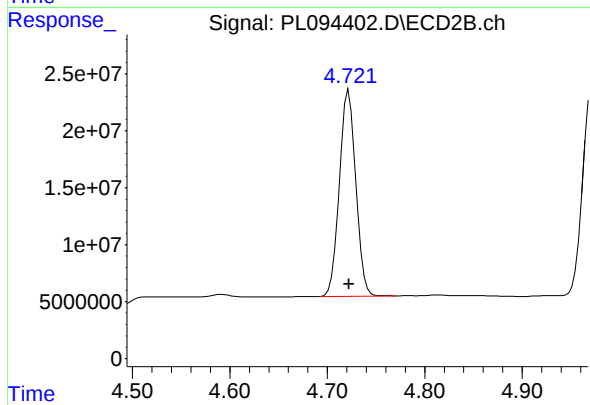
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: 0.000 min
Response: 241706949
Conc: 51.04 ng/ml



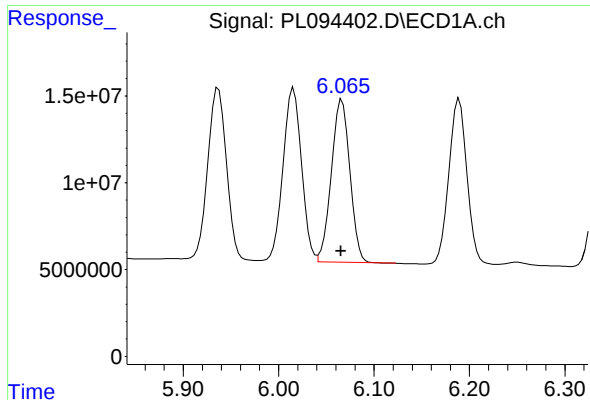
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.001 min
Response: 142297250
Conc: 47.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 211828118
Conc: 49.78 ng/ml



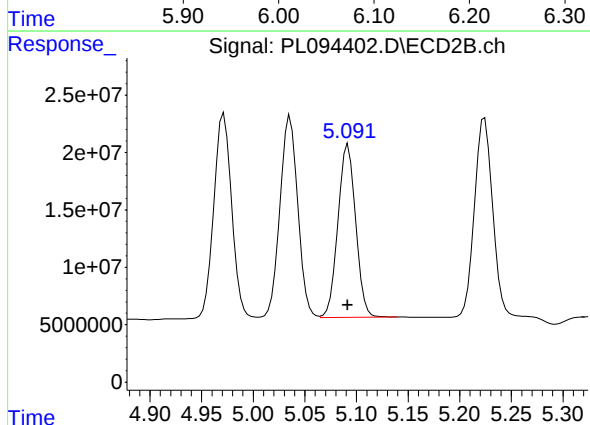
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.001 min
Response: 125659260
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

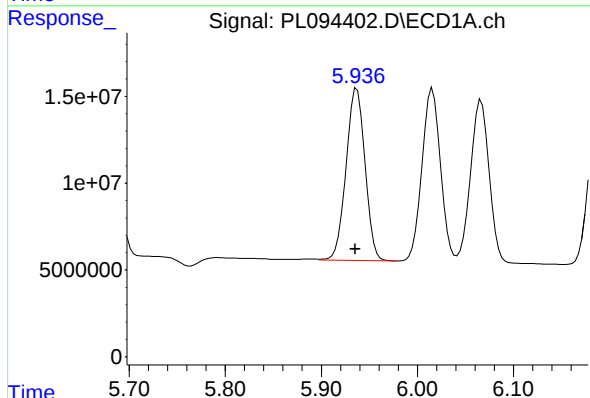
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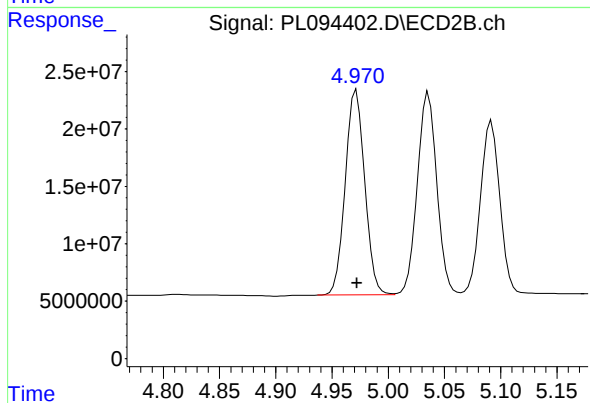
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 180351515
Conc: 45.24 ng/ml



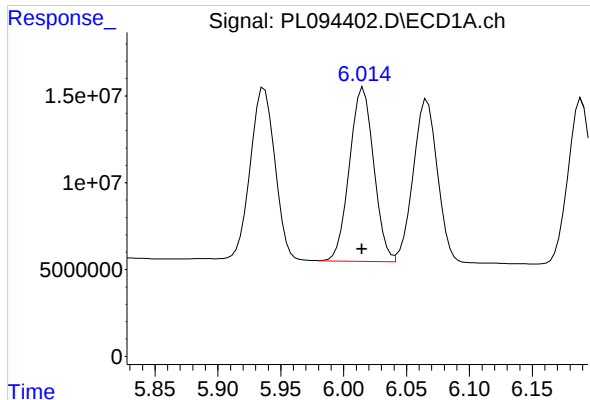
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 135141336
Conc: 46.03 ng/ml m



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 215140002
Conc: 49.58 ng/ml



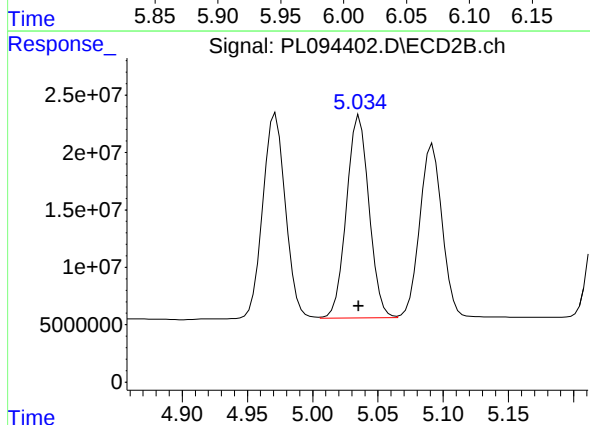
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.001 min
Response: 134278294
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

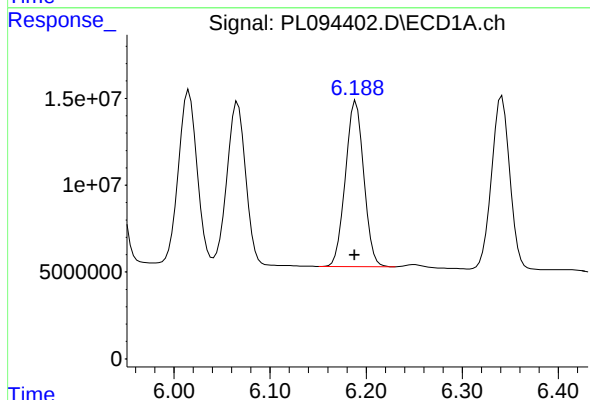
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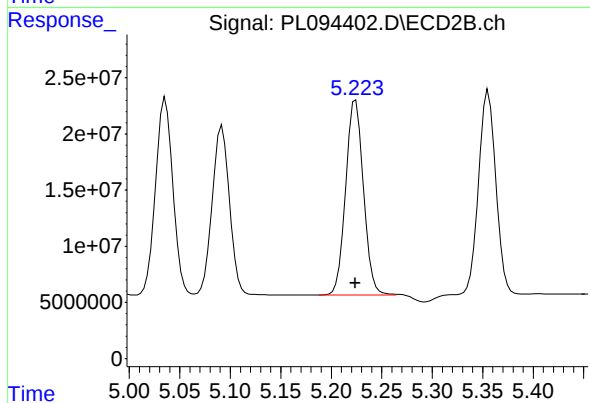
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 212217325
Conc: 49.15 ng/ml



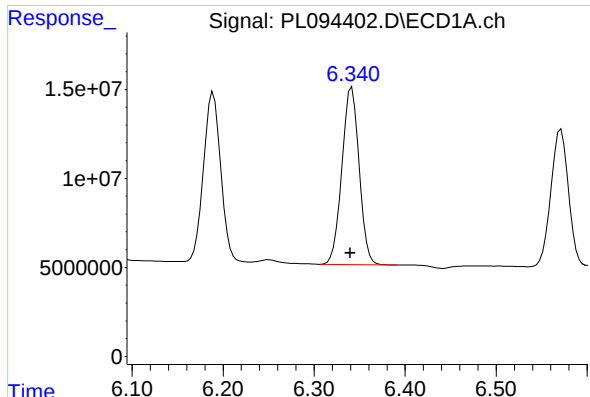
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.001 min
Response: 126015697
Conc: 48.25 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.001 min
Response: 213242838
Conc: 50.77 ng/ml m



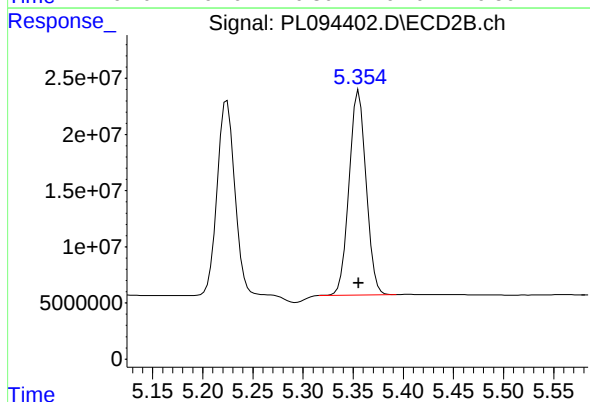
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.001 min
Response: 131350619
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

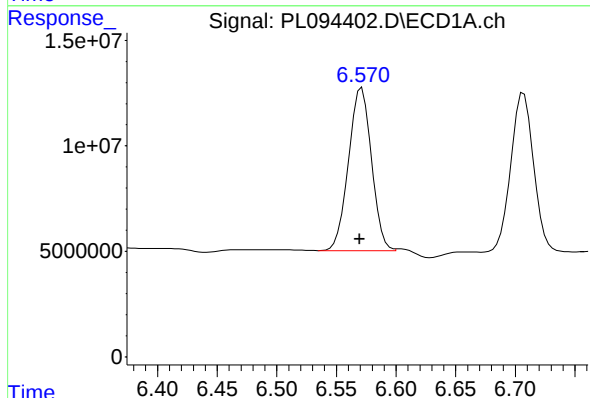
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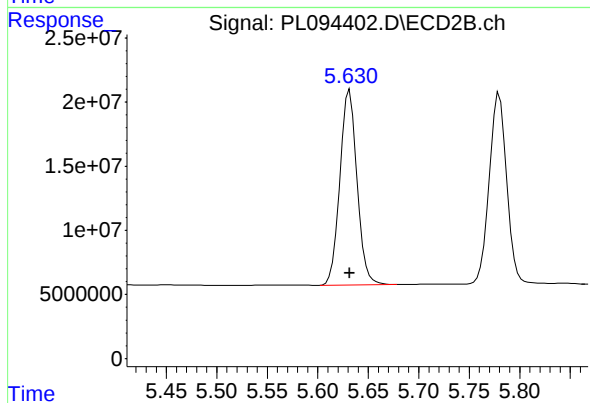
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 215711223
Conc: 49.23 ng/ml



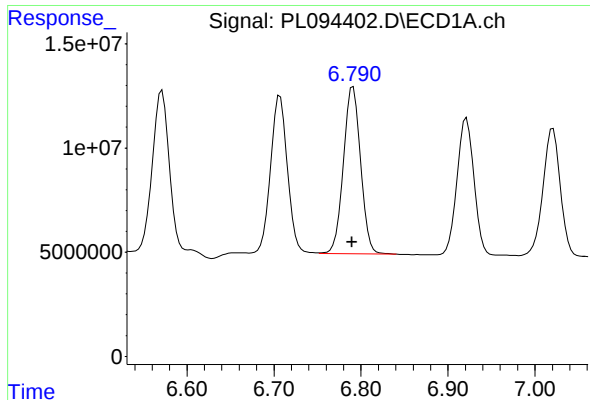
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 103820515
Conc: 40.68 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 180305664
Conc: 52.96 ng/ml



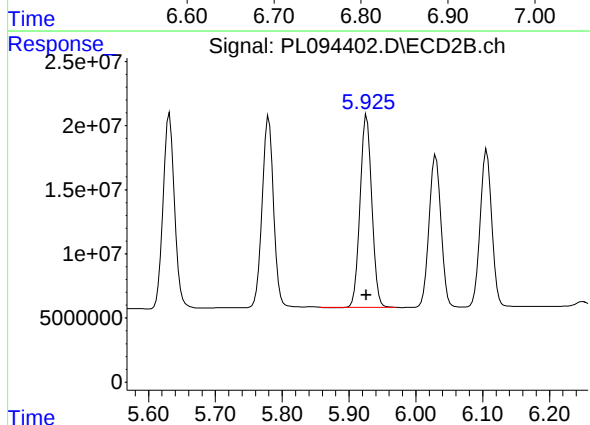
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.001 min
Response: 110648157
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

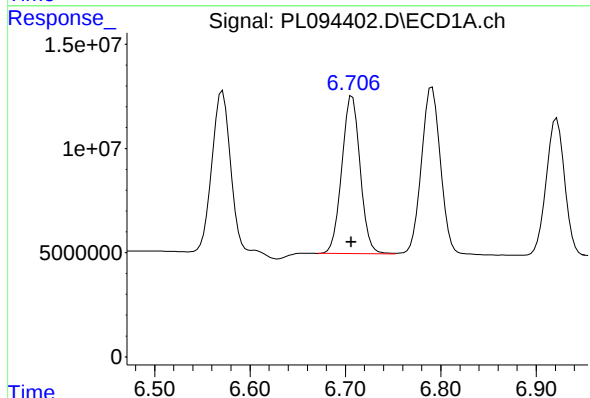
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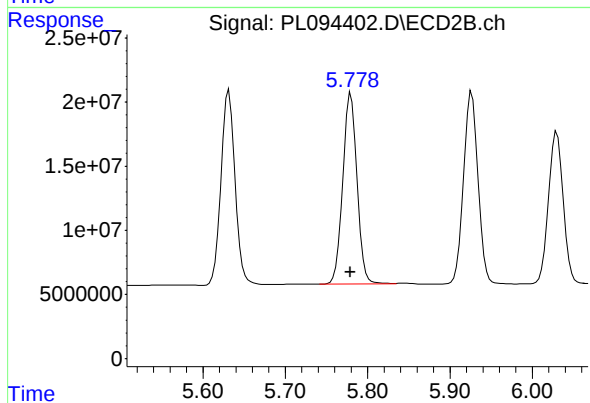
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 181335277
Conc: 48.49 ng/ml



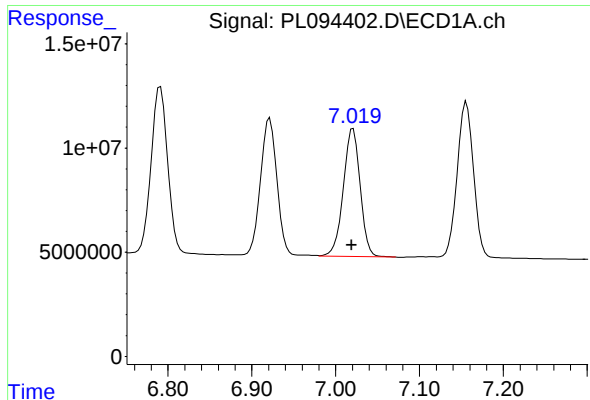
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 101506007
Conc: 54.88 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 178224997
Conc: 55.95 ng/ml



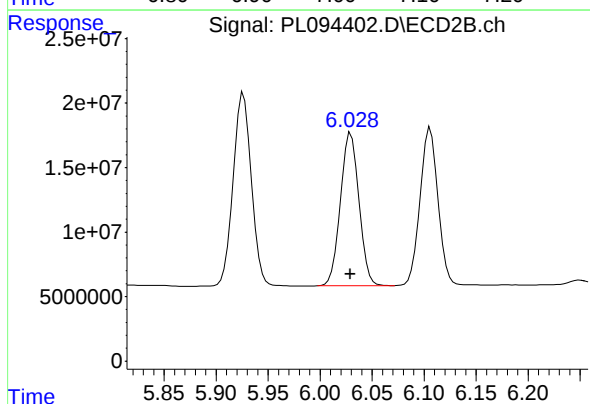
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 85647899
Conc: 40.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

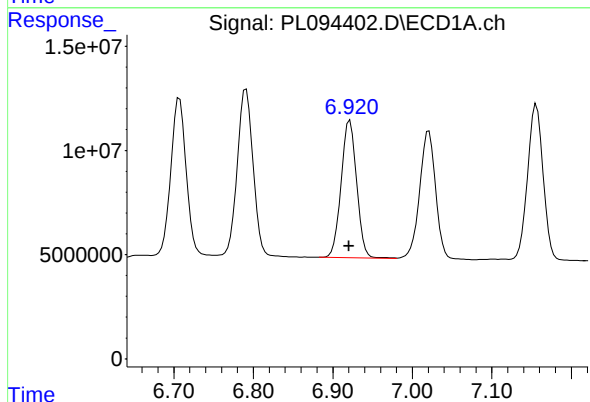
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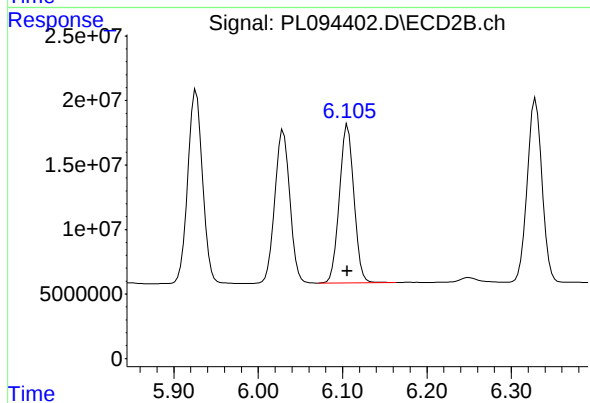
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 147158528
Conc: 41.37 ng/ml



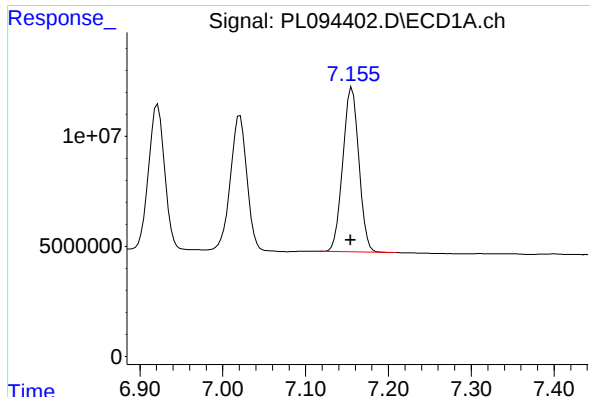
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.001 min
Response: 89245488
Conc: 45.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 146749045
Conc: 46.43 ng/ml



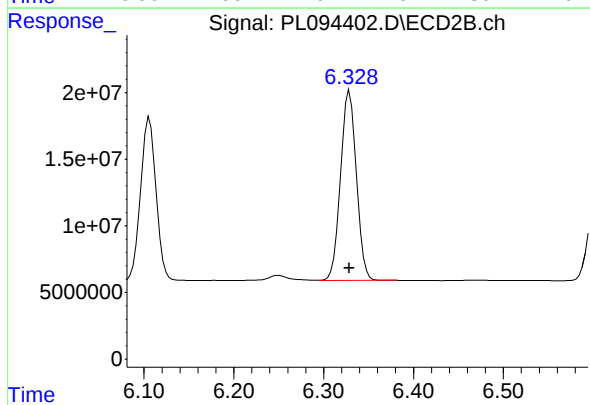
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.002 min
Response: 100758227
Conc: 44.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

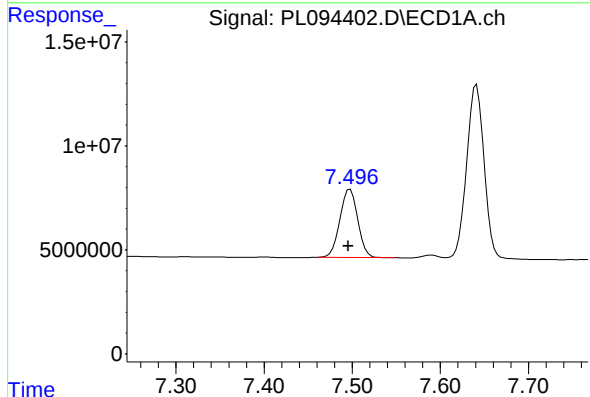
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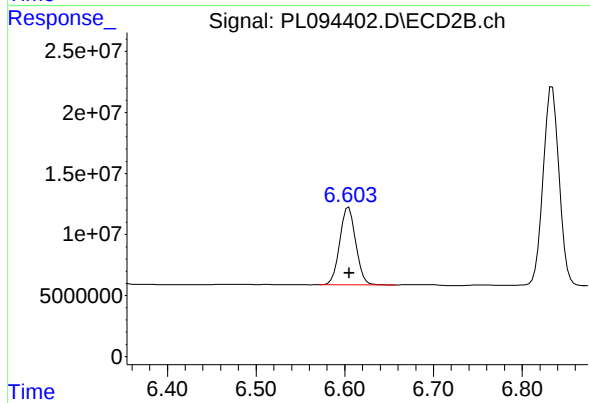
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 173915550
Conc: 47.08 ng/ml



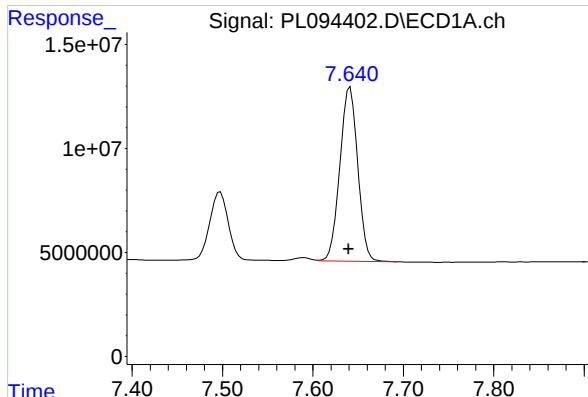
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.002 min
Response: 46205044
Conc: 41.59 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 79689822
Conc: 40.85 ng/ml



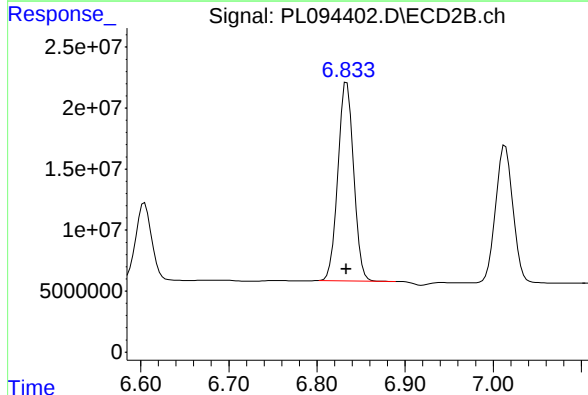
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.002 min
Response: 115043978
Conc: 45.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

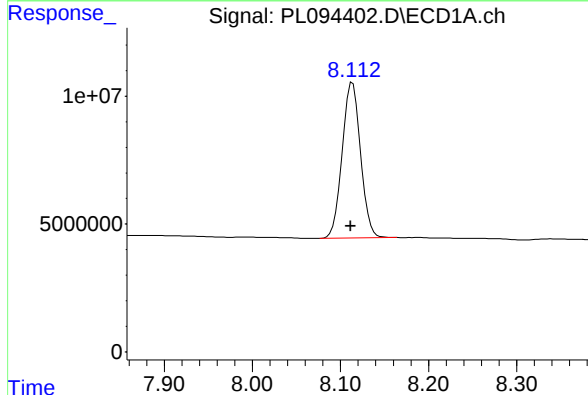
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/26/2025
Supervised By :Ankita Jodhani 02/26/2025



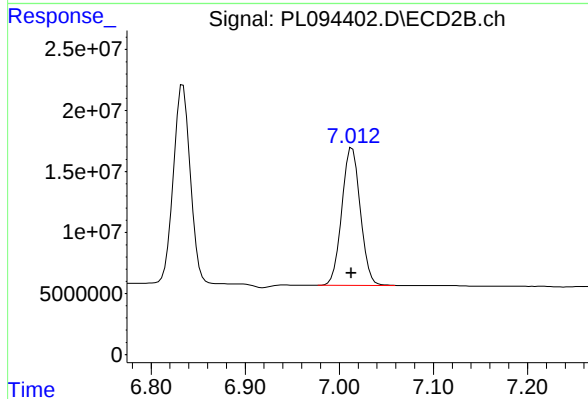
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 202670305
Conc: 47.49 ng/ml



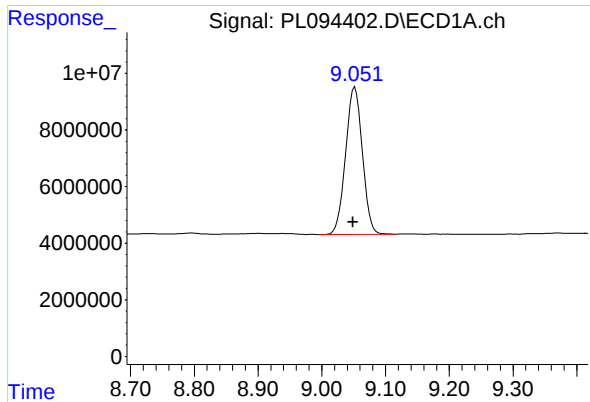
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.002 min
Response: 88256008
Conc: 42.77 ng/ml



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.001 min
Response: 154257268
Conc: 44.24 ng/ml



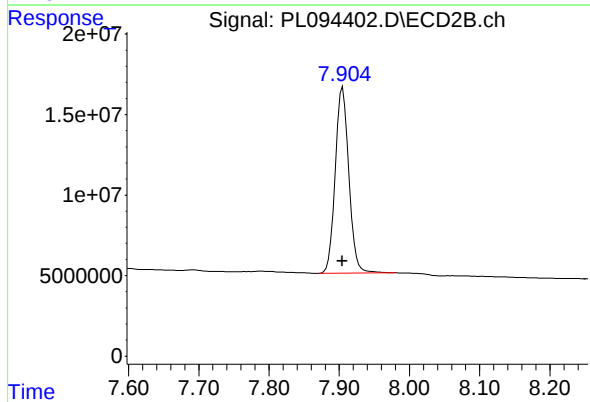
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.003 min
Response: 95122568
Conc: 44.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/26/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 155261318
Conc: 40.37 ng/ml