

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020525\
 Data File : PL094067.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2025 15:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/06/2025
 Supervised By : Ankita Jodhani 02/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 00:35:26 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...	3.539	2.773	134.1E6	167.9E6	49.793	51.435
28)	SA Decachlor...	9.054	7.909	95656871	162.2E6	45.727	46.279
Target Compounds							
2)	A alpha-BHC	3.995	3.276	192.1E6	256.3E6	50.104	52.423
3)	MA gamma-BHC...	4.328	3.606	182.7E6	246.3E6	49.601	51.941
4)	MA Heptachlor	4.915	3.944	157.1E6	228.6E6	47.950	49.119
5)	MB Aldrin	5.257	4.223	163.3E6	237.8E6	49.917	52.134
6)	B beta-BHC	4.526	3.906	78673738	104.0E6	48.947	52.074
7)	B delta-BHC	4.771	4.135	175.8E6	248.3E6	50.146m	52.262
8)	B Heptachlo...	5.683	4.726	146.2E6	215.1E6	49.158	51.462
9)	A Endosulfan I	6.069	5.095	127.4E6	165.0E6	48.189	42.555
10)	B gamma-Chl...	5.938	4.976	137.1E6	218.3E6	49.187m	51.511
11)	B alpha-Chl...	6.018	5.039	134.8E6	212.1E6	48.347	50.667
12)	B 4,4'-DDE	6.192	5.227	126.1E6	215.4E6	51.801	53.721m
13)	MA Dieldrin	6.344	5.360	131.7E6	218.2E6	47.448	50.803
14)	MA Endrin	6.572	5.634	105.9E6	211.7E6	45.170m	57.340m#
15)	B Endosulfa...	6.794	5.930	111.2E6	188.8E6	46.170	50.967
16)	A 4,4'-DDD	6.709	5.783	101.2E6	179.0E6	53.265	56.719
17)	MA 4,4'-DDT	7.023	6.033	88738133	158.0E6	44.998	48.559
18)	B Endrin al...	6.923	6.109	88662932	152.1E6	45.607	49.944
19)	B Endosulfa...	7.158	6.331	103.8E6	177.6E6	45.841	49.801m
20)	A Methoxychlor	7.499	6.608	48758901	82974911	46.731	46.403
21)	B Endrin ke...	7.643	6.837	117.0E6	200.9E6	46.382	47.887
22)	Mirex	8.115	7.017	91026478	161.0E6	43.710	47.615

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020525\
Data File : PL094067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2025 15:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

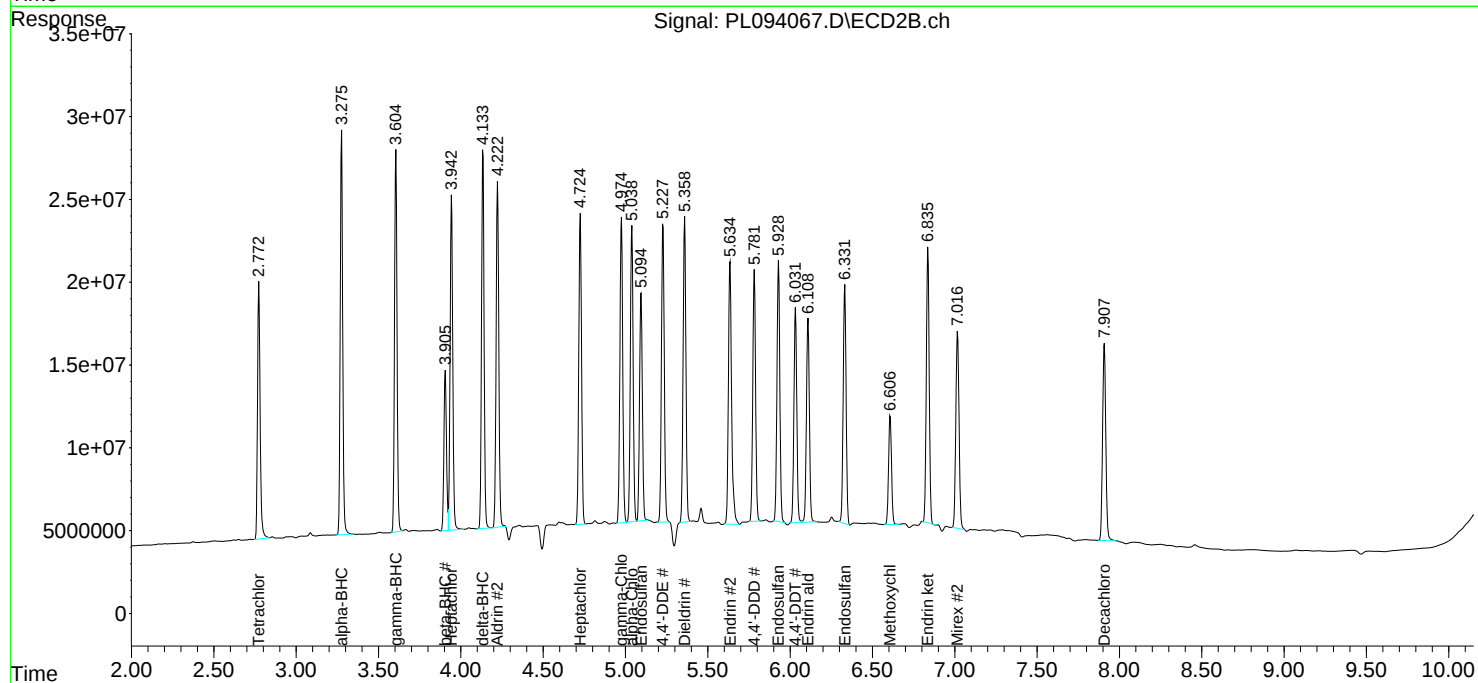
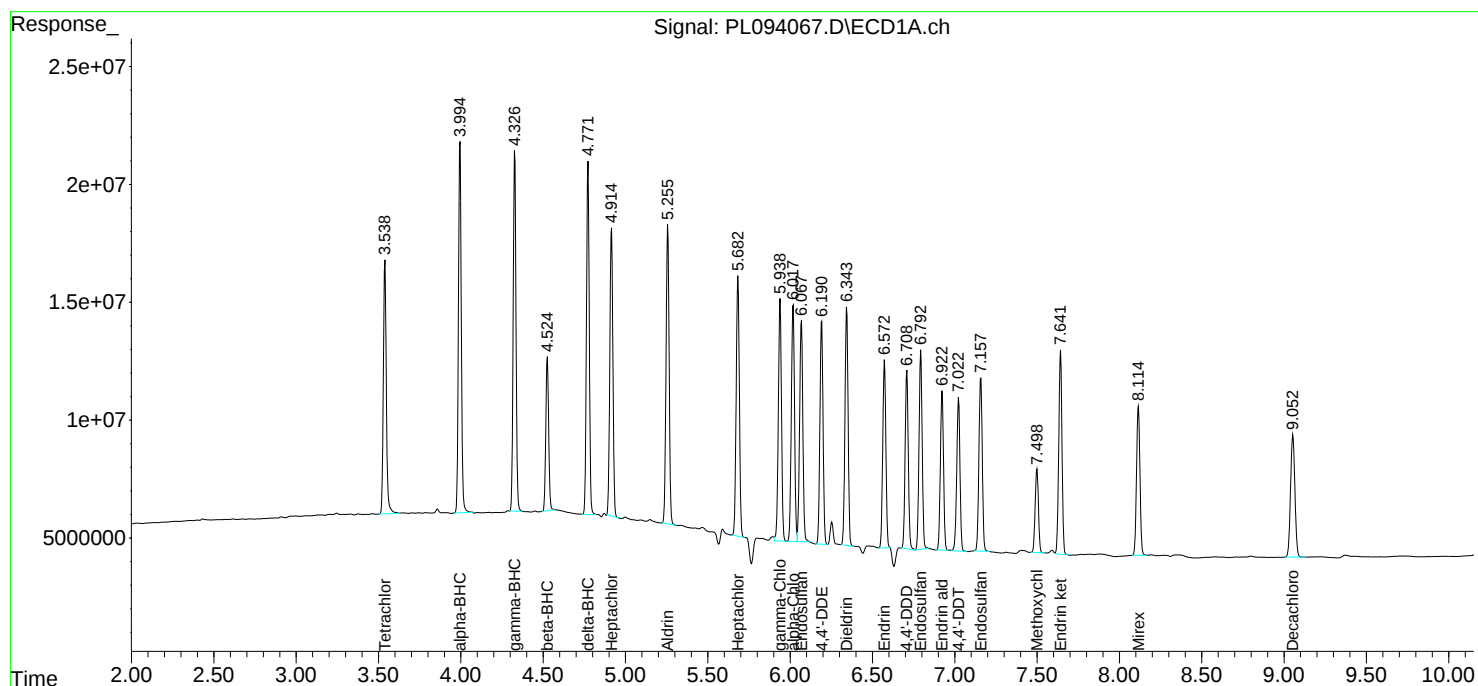
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

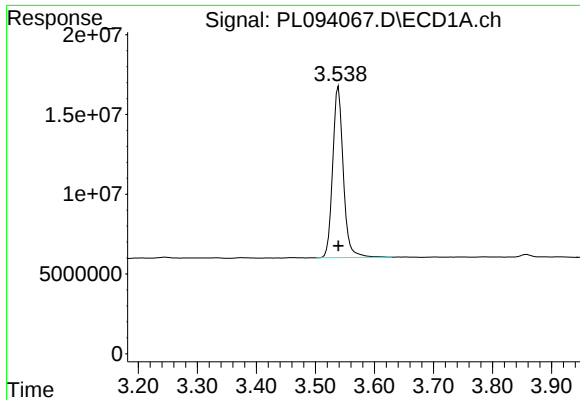
Manual Integrations
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Reviewed By :Abdul Mirza 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 00:35:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
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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





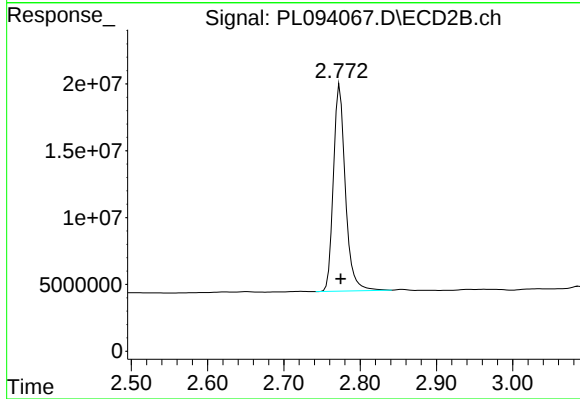
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 134081728
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

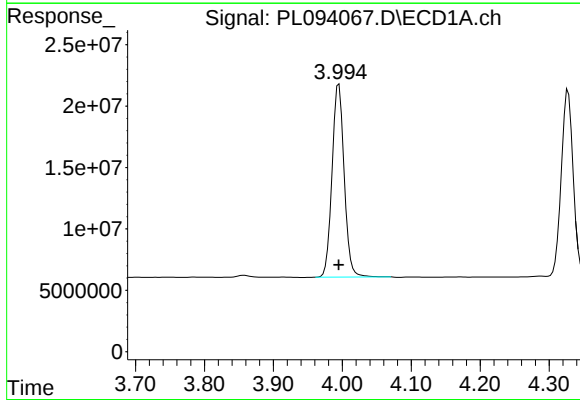
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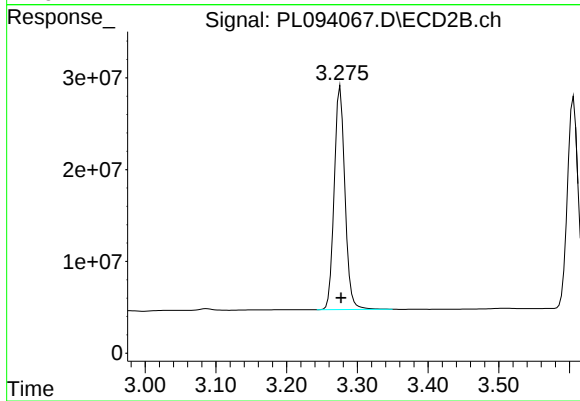
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 167892393
Conc: 51.44 ng/ml



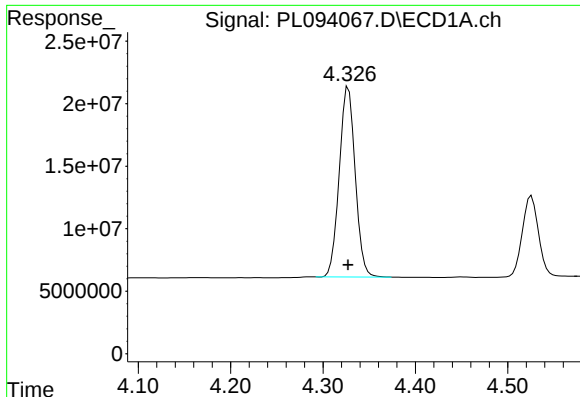
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 192091617
Conc: 50.10 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 256296027
Conc: 52.42 ng/ml



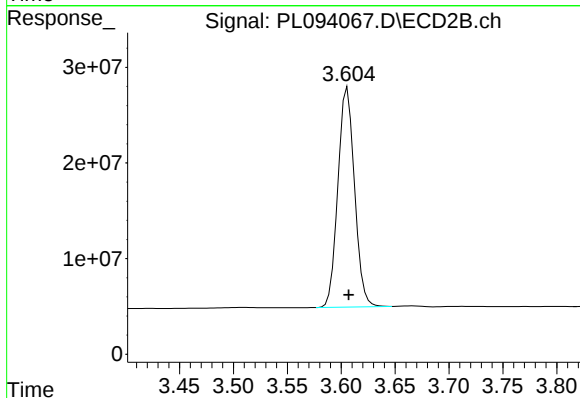
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 182671786
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

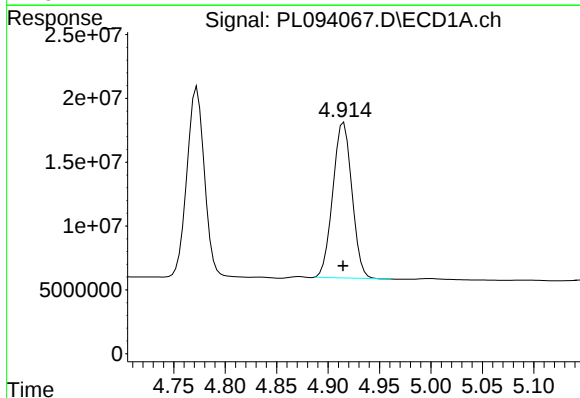
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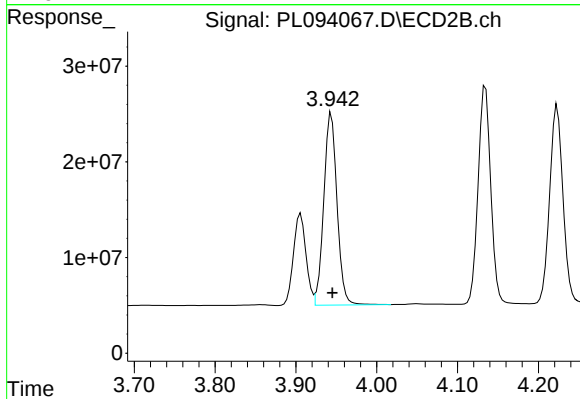
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 246261361
Conc: 51.94 ng/ml



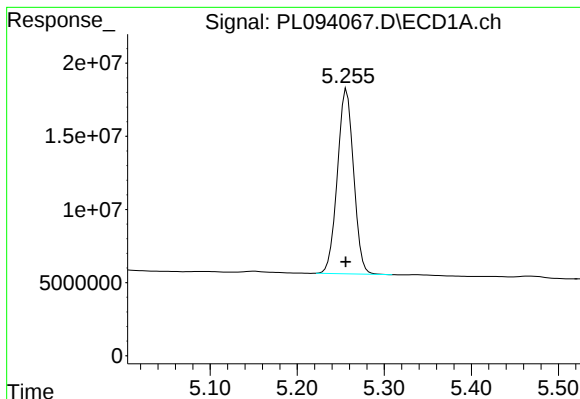
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 157148660
Conc: 47.95 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 228636595
Conc: 49.12 ng/ml



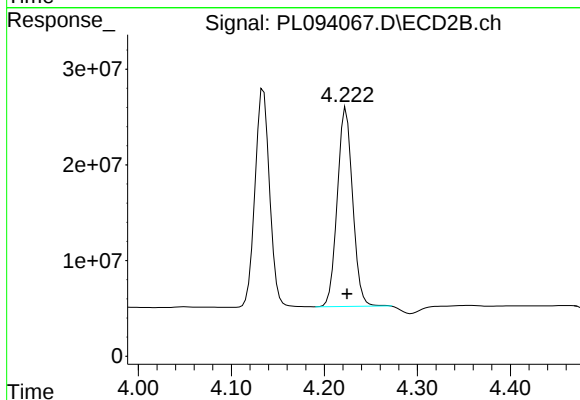
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.001 min
Response: 163326909
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

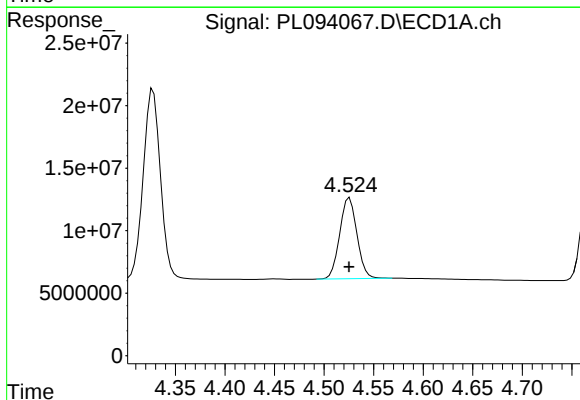
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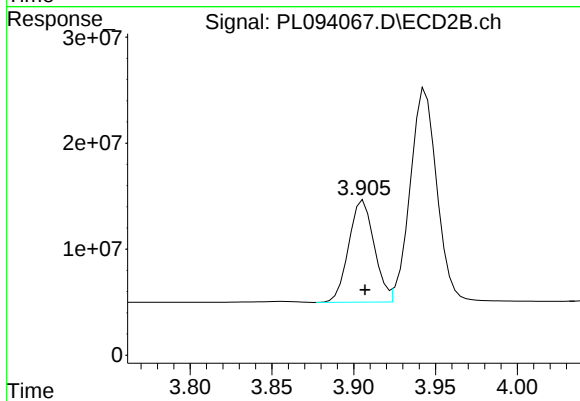
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 237823538
Conc: 52.13 ng/ml



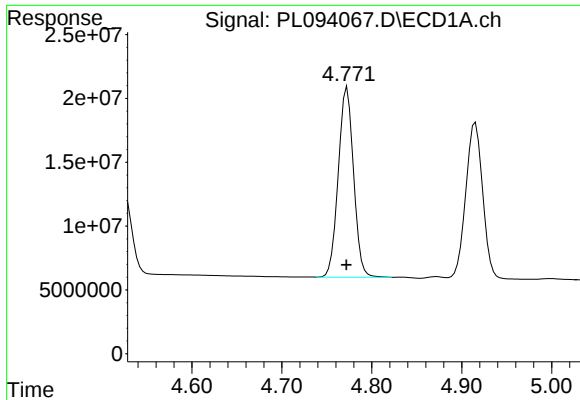
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 78673738
Conc: 48.95 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 104013941
Conc: 52.07 ng/ml



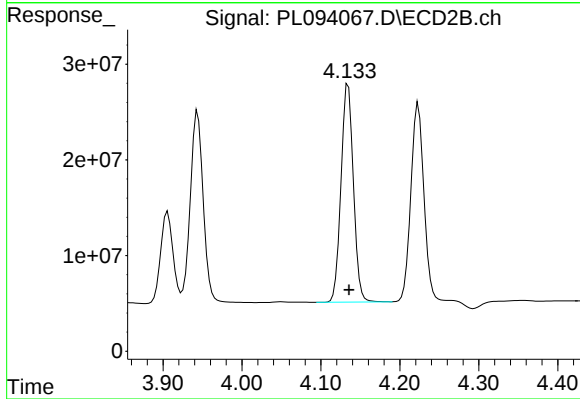
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 175777847
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

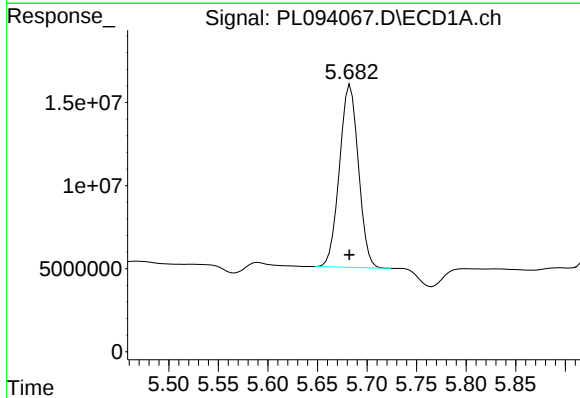
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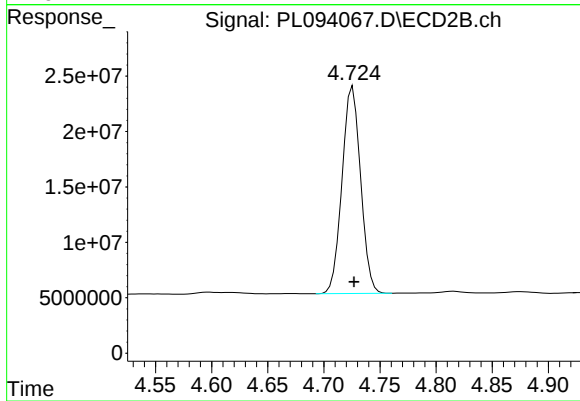
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: -0.001 min
Response: 248311444
Conc: 52.26 ng/ml



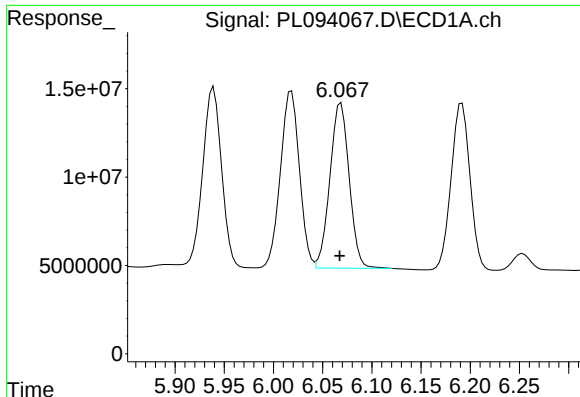
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 146187956
Conc: 49.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: -0.001 min
Response: 215122330
Conc: 51.46 ng/ml



#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 127356373
Conc: 48.19 ng/ml

Instrument :

ECD_L

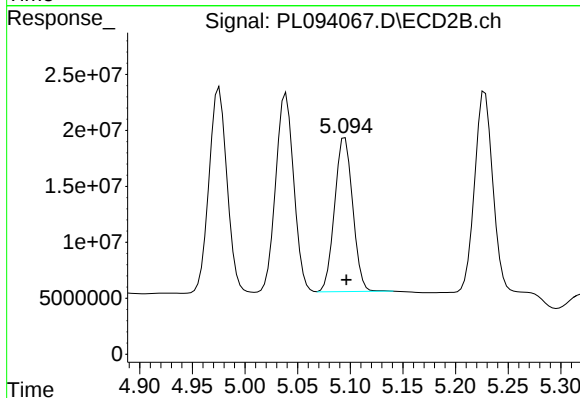
ClientSampleId :

PSTDCCC050

Manual Integrations

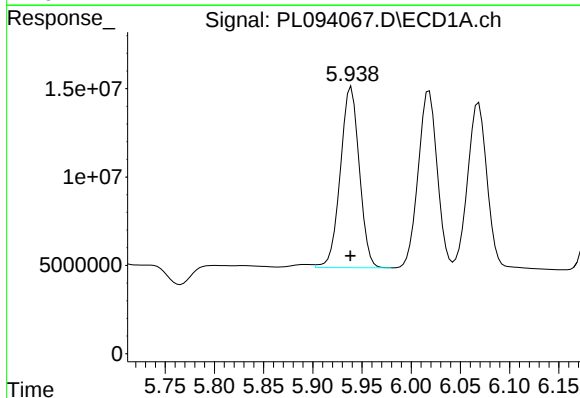
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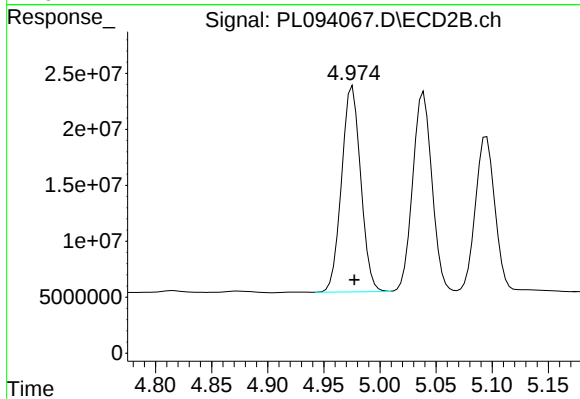
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: -0.002 min
Response: 164981005
Conc: 42.55 ng/ml



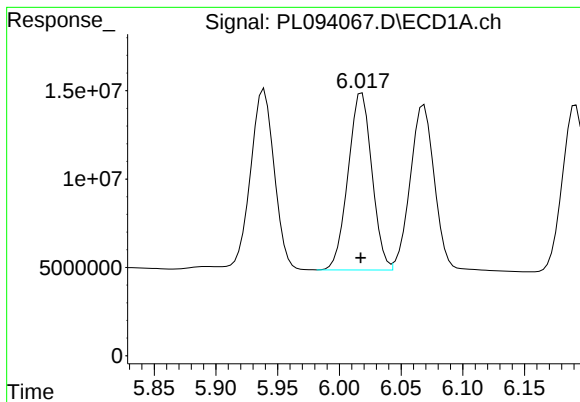
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 137103341
Conc: 49.19 ng/ml m



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.002 min
Response: 218285473
Conc: 51.51 ng/ml



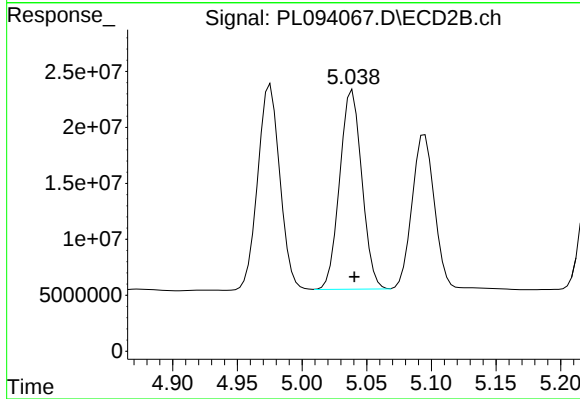
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 134811347
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

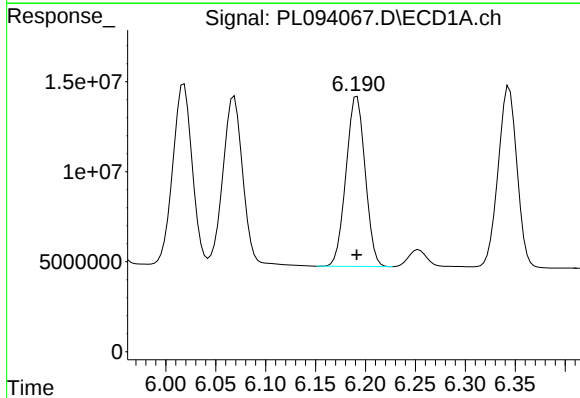
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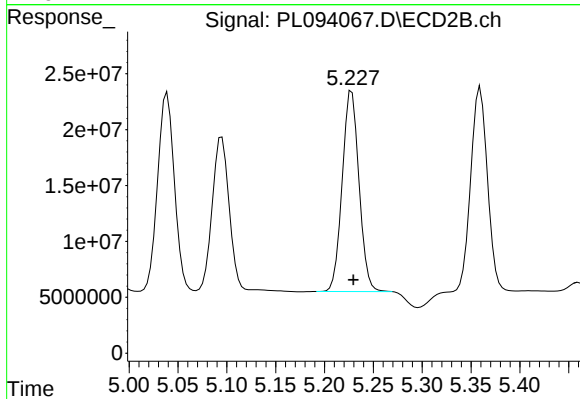
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 212120232
Conc: 50.67 ng/ml



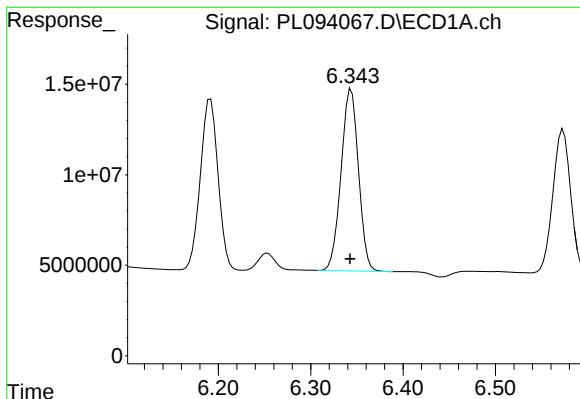
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 126113833
Conc: 51.80 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 215393324
Conc: 53.72 ng/ml m



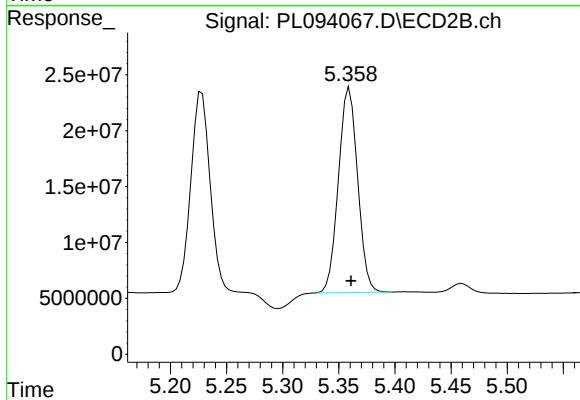
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.001 min
Response: 131709864
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

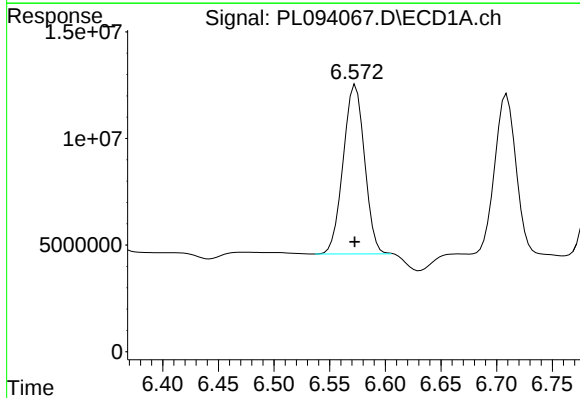
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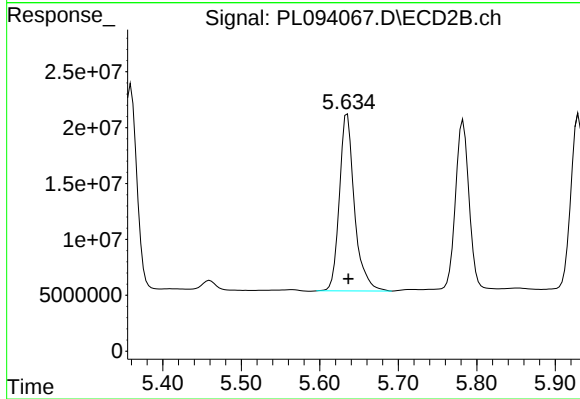
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: -0.001 min
Response: 218230712
Conc: 50.80 ng/ml



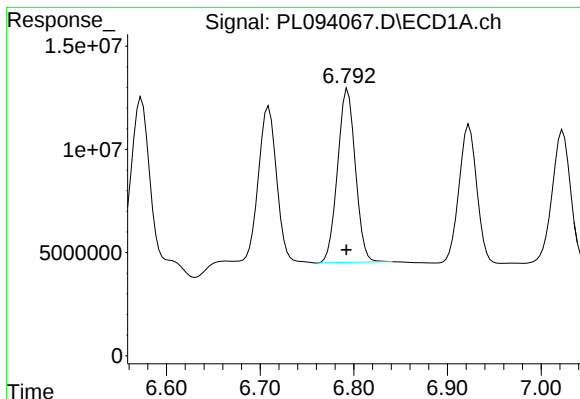
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 105914670
Conc: 45.17 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 211738202
Conc: 57.34 ng/ml m



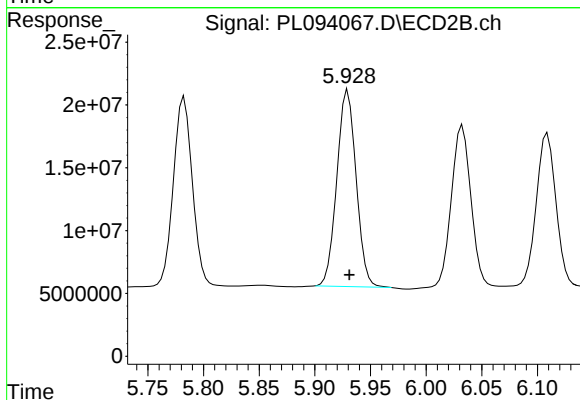
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.001 min
Response: 111240074
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

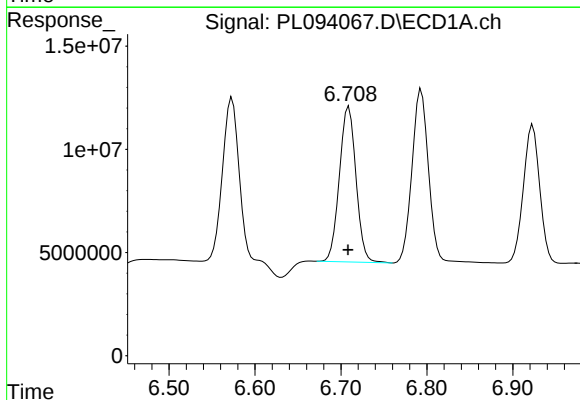
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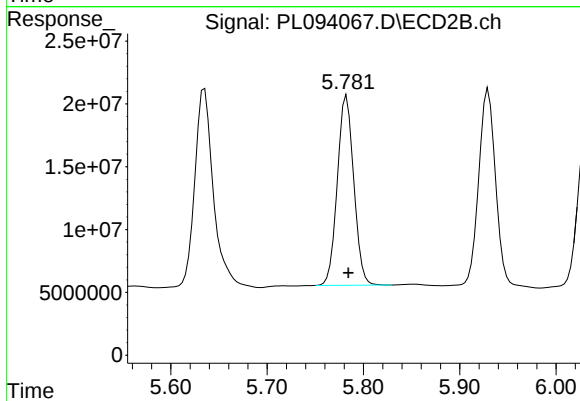
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 188772221
Conc: 50.97 ng/ml



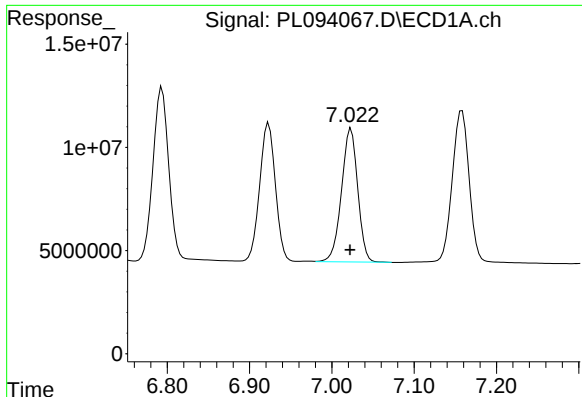
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.001 min
Response: 101233983
Conc: 53.27 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 179035223
Conc: 56.72 ng/ml



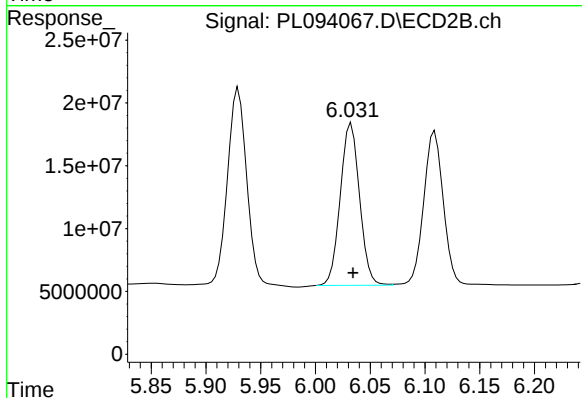
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.001 min
Response: 88738133
Conc: 45.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

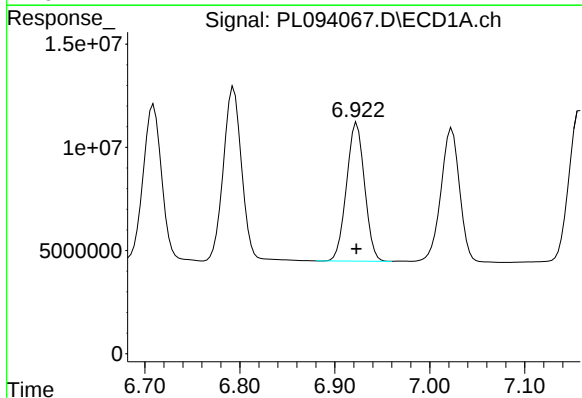
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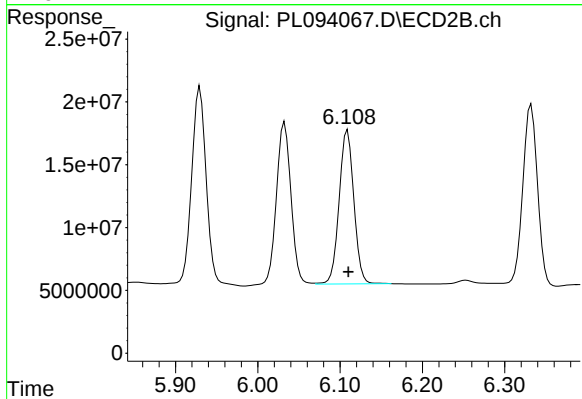
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 158013786
Conc: 48.56 ng/ml



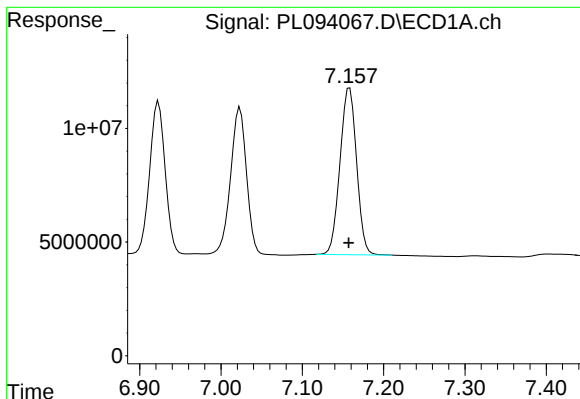
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 88662932
Conc: 45.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: -0.001 min
Response: 152061344
Conc: 49.94 ng/ml



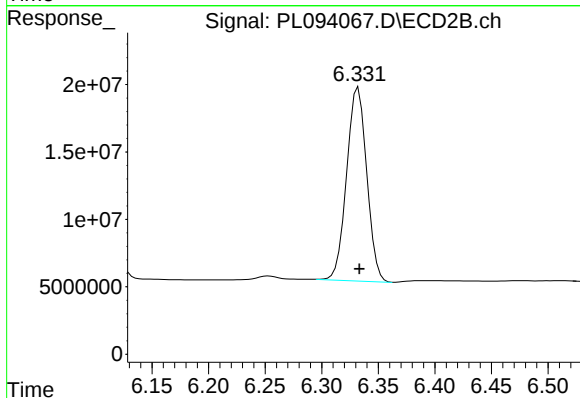
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 103771890
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

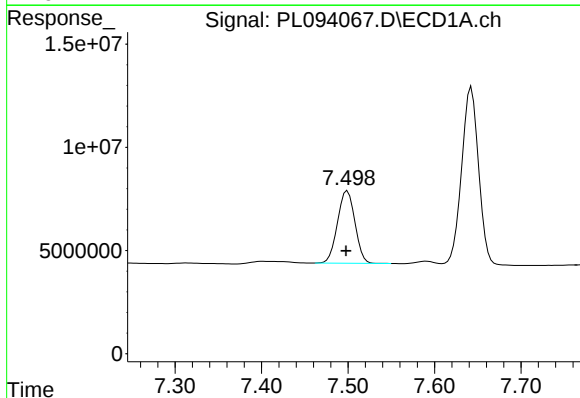
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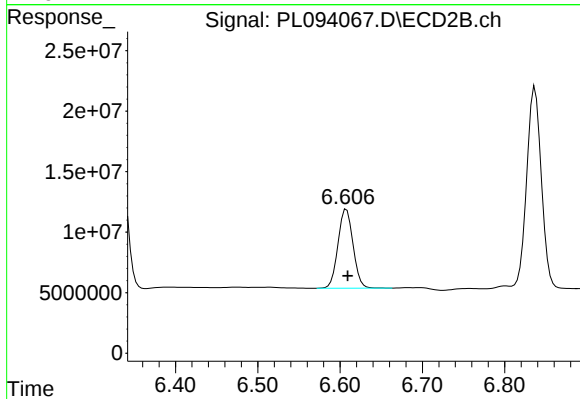
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 177594875
Conc: 49.80 ng/ml m



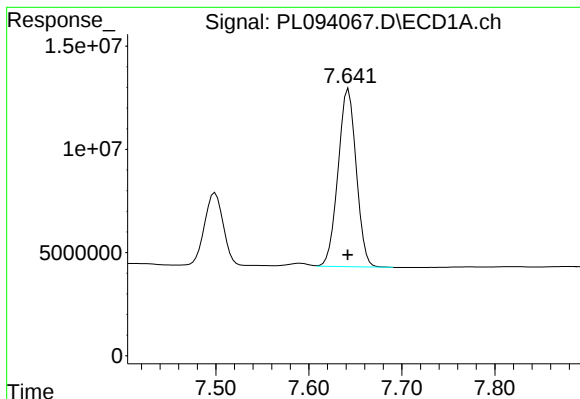
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 48758901
Conc: 46.73 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 82974911
Conc: 46.40 ng/ml



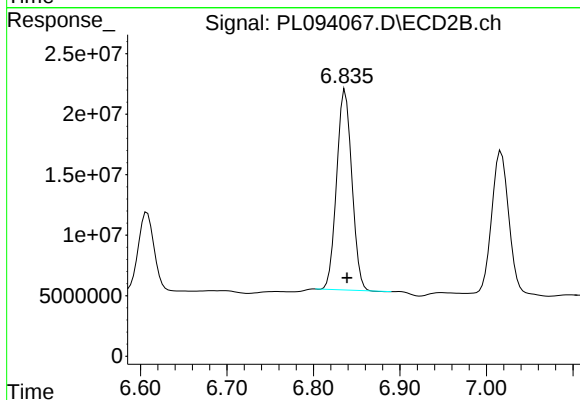
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 117005486
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

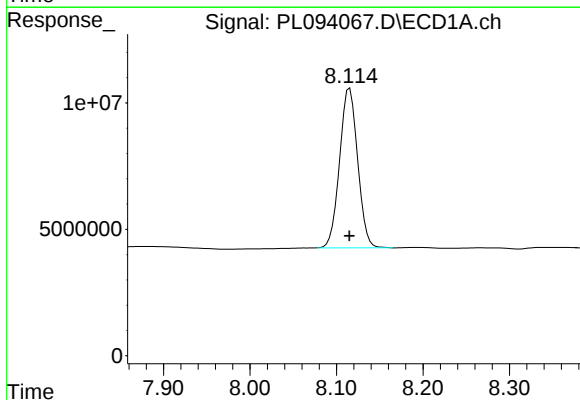
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/06/2025
Supervised By :Ankita Jodhani 02/06/2025



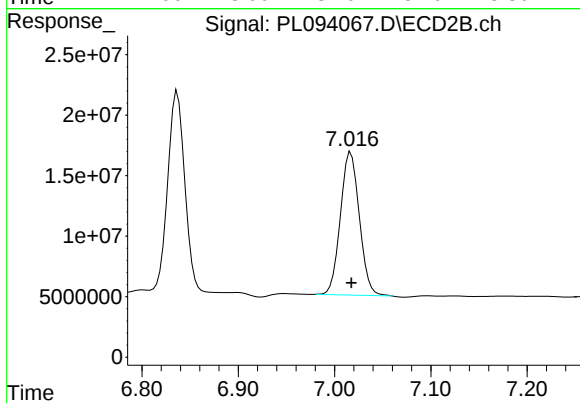
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 200896241
Conc: 47.89 ng/ml



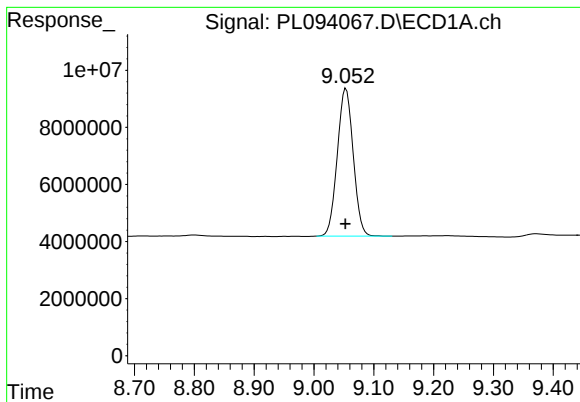
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 91026478
Conc: 43.71 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 161027006
Conc: 47.61 ng/ml



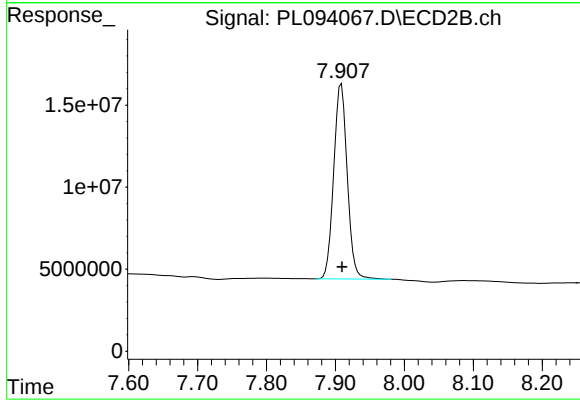
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 95656871
Conc: 45.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/06/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.001 min
Response: 162163846
Conc: 46.28 ng/ml