

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071024\
 Data File : PL090478.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2024 16:48
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2024
 Supervised By :Ankita Jodhani 07/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 01:43:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.788	105.1E6	89354270	46.317	56.491
2)	SA Decachlor...	9.055	7.929	72336138	76454275	46.904m	51.253m
Target Compounds							
2)	A alpha-BHC	3.999	3.291	148.4E6	130.2E6	47.309m	58.229m
3)	MA gamma-BHC...	4.333	3.622	140.7E6	122.3E6	46.801	57.226
4)	MA Heptachlor	4.922	3.963	124.5E6	113.8E6	44.783	54.741
5)	MB Aldrin	5.262	4.243	122.2E6	113.2E6	44.621m	57.214 #
6)	B beta-BHC	4.527	3.920	64008823	53816951	47.520m	55.747
7)	B delta-BHC	4.774	4.150	132.4E6	118.6E6	46.957m	58.444
8)	B Heptachlo...	5.688	4.744	112.8E6	102.3E6	44.227m	55.680m#
9)	A Endosulfan I	6.074	5.115	106.5E6	94408172	45.220	54.562
10)	B gamma-Chl...	5.943	4.994	111.6E6	107.0E6	44.175m	55.848m#
11)	B alpha-Chl...	6.022	5.060	111.0E6	106.2E6	44.511m	55.447
12)	B 4,4'-DDE	6.195	5.247	98775740	95845272	45.248m	57.858m#
13)	MA Dieldrin	6.349	5.379	109.0E6	103.7E6	44.577	56.239m#
14)	MA Endrin	6.578	5.654	91016668	87621070	42.926	52.989m
15)	B Endosulfa...	6.796	5.949	95261392	88392433	43.083m	53.873 #
16)	A 4,4'-DDD	6.711	5.801	86222773	82231698	47.063m	59.995m#
17)	MA 4,4'-DDT	7.026	6.053	81544586	74319177	42.495	50.212
18)	B Endrin al...	6.925	6.128	73467247	67512326	43.513m	53.014
19)	B Endosulfa...	7.161	6.351	89432568	84232295	45.152	53.866
20)	A Methoxychlor	7.501	6.627	44084088	41828395	42.778	50.138m
21)	B Endrin ke...	7.645	6.857	99486569	98371514	45.866	54.940
22)	Mirex	8.119	7.037	75566441	77026158	43.461	50.438m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071024\
Data File : PL090478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2024 16:48
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

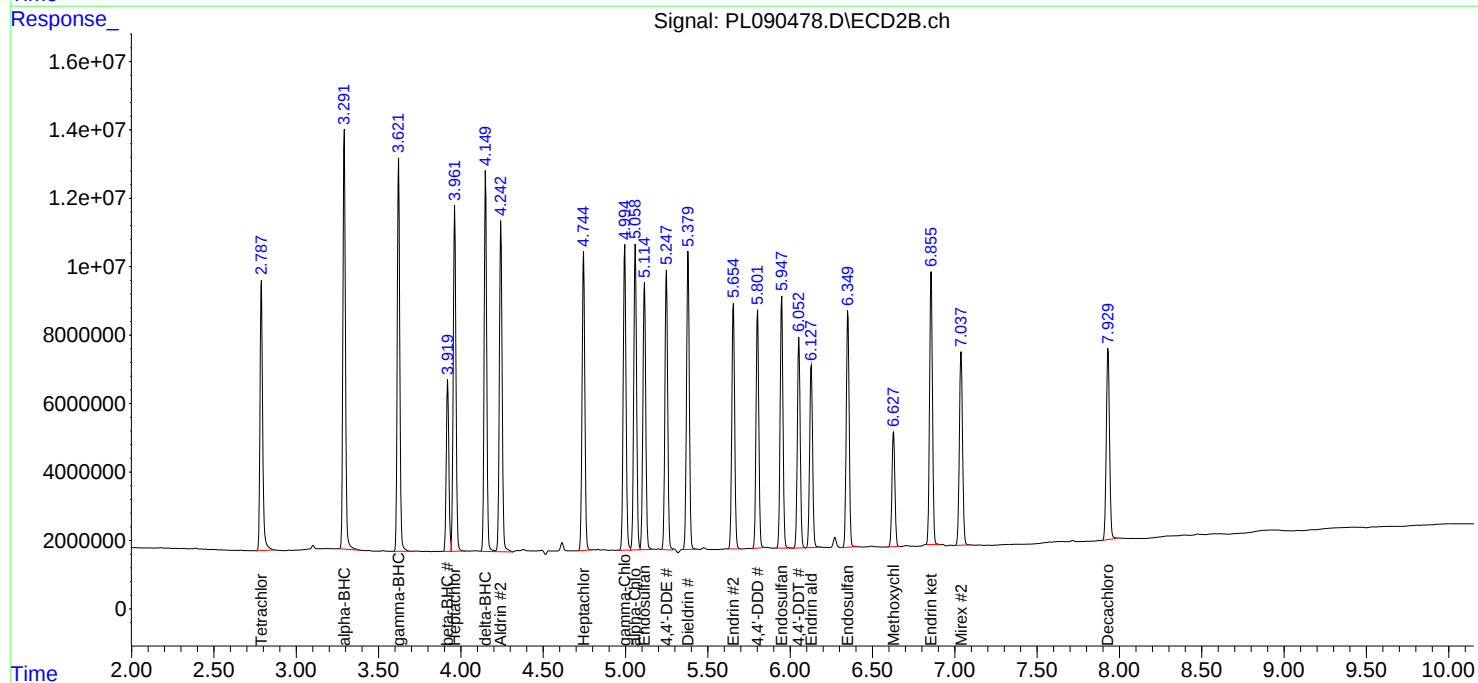
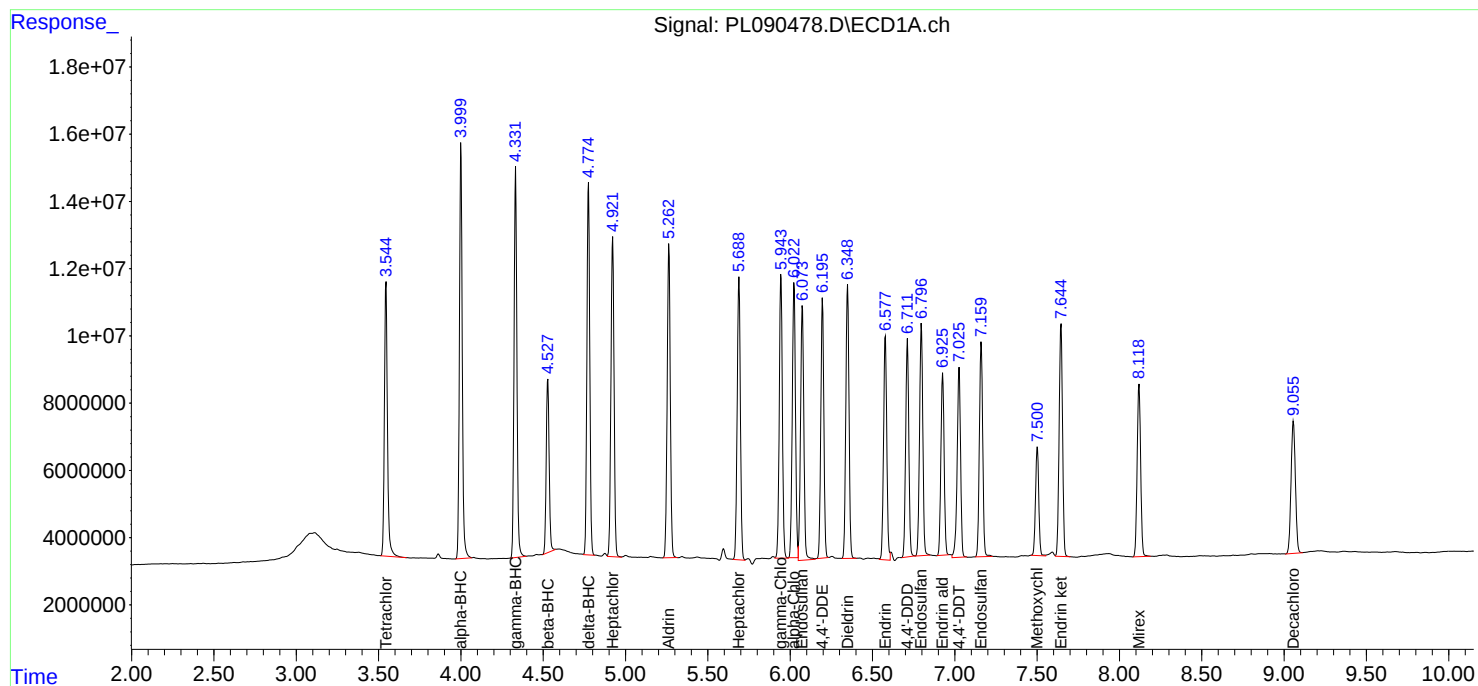
APPROVED

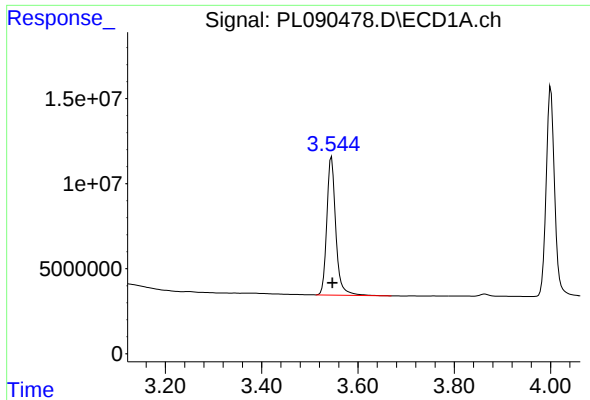
Reviewed By :Abdul Mirza 07/11/2024

Supervised By :Ankita Jodhani 07/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 01:43:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 11:05:38 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





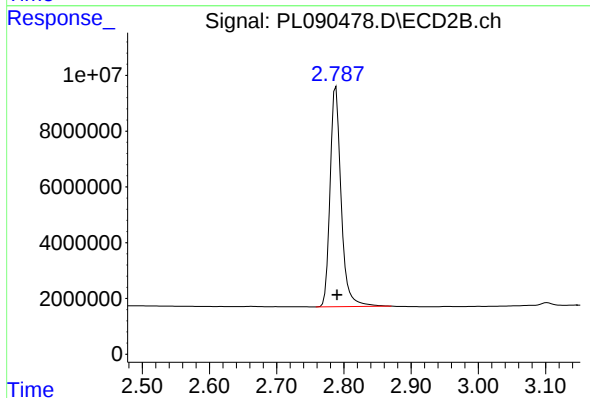
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.002 min
Response: 105119223
Conc: 46.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

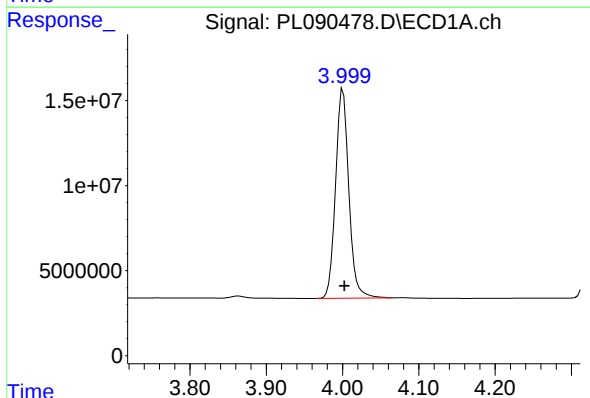
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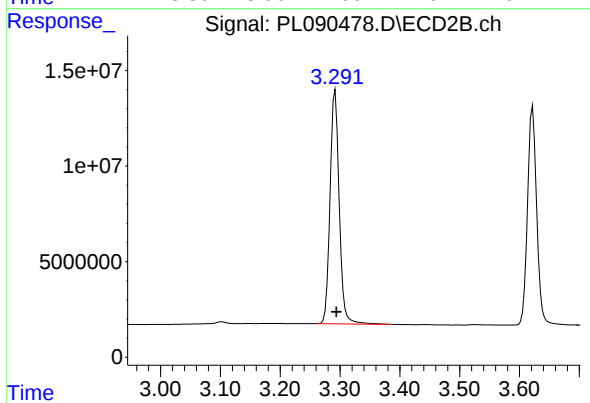
#1 Tetrachloro-m-xylene

R.T.: 2.788 min
Delta R.T.: -0.001 min
Response: 89354270
Conc: 56.49 ng/ml



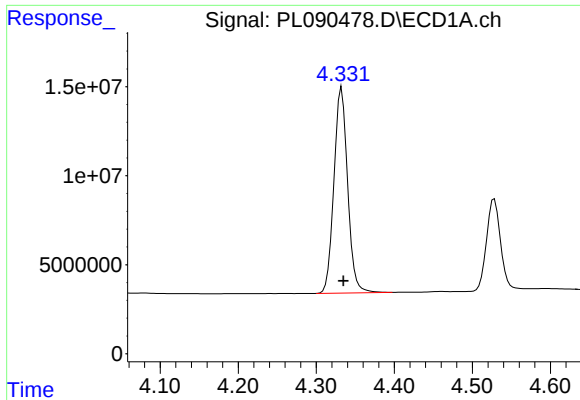
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 148383753
Conc: 47.31 ng/ml m



#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 130172524
Conc: 58.23 ng/ml m



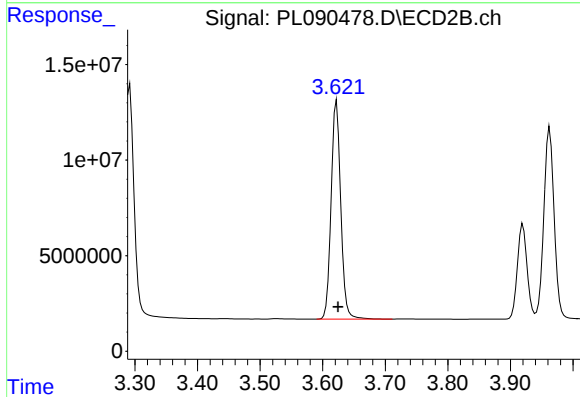
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: -0.002 min
Response: 140683912
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

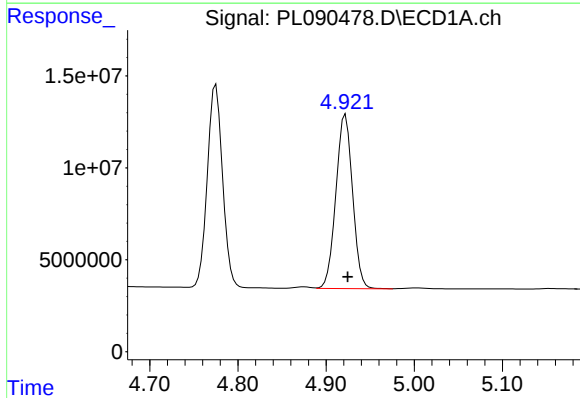
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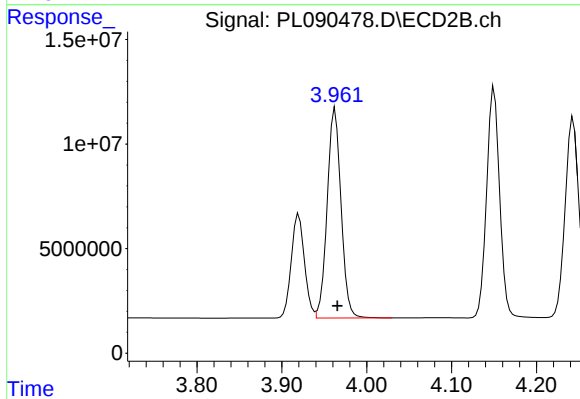
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.003 min
Response: 122346650
Conc: 57.23 ng/ml



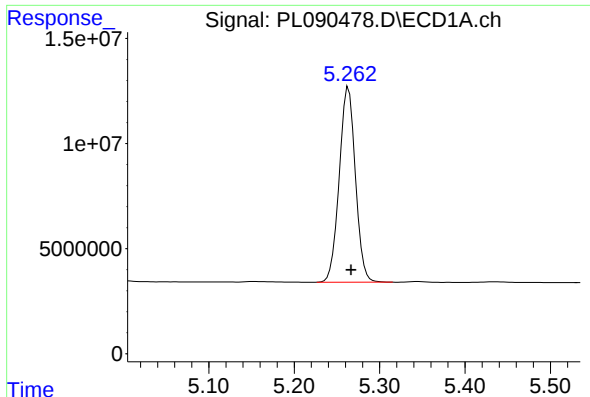
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 124454148
Conc: 44.78 ng/ml



#4 Heptachlor

R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 113799843
Conc: 54.74 ng/ml



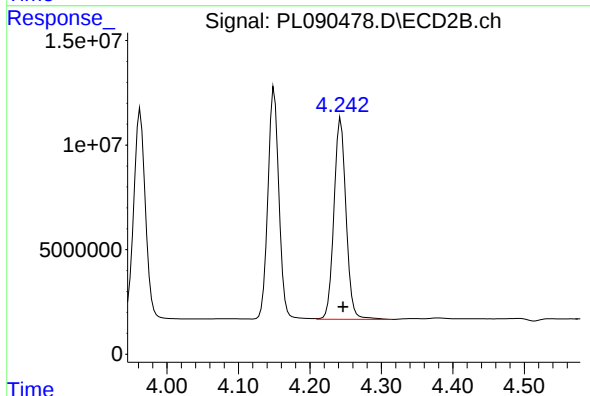
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 122151184
Conc: 44.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

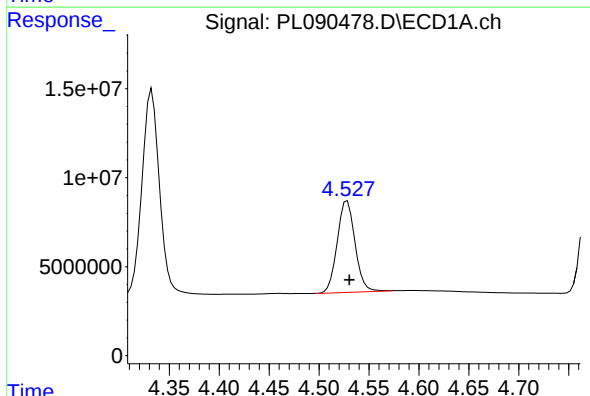
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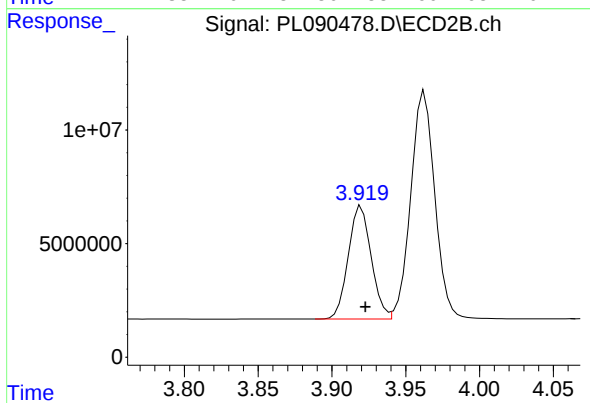
#5 Aldrin

R.T.: 4.243 min
Delta R.T.: -0.003 min
Response: 113192271
Conc: 57.21 ng/ml



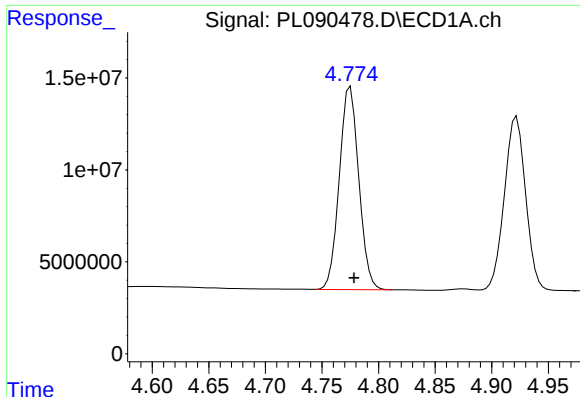
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.003 min
Response: 64008823
Conc: 47.52 ng/ml m



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.003 min
Response: 53816951
Conc: 55.75 ng/ml



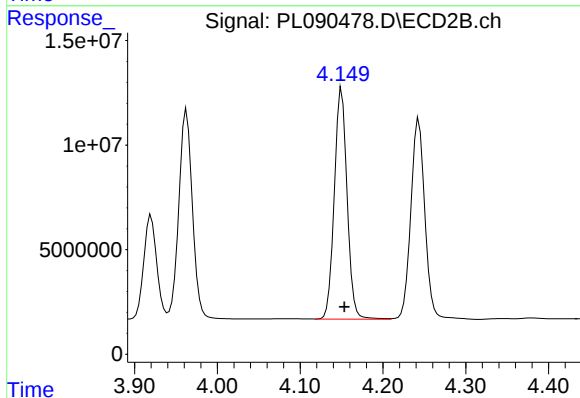
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.005 min
Response: 132437319
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

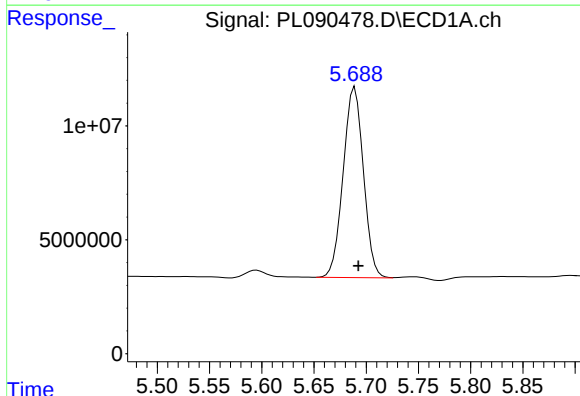
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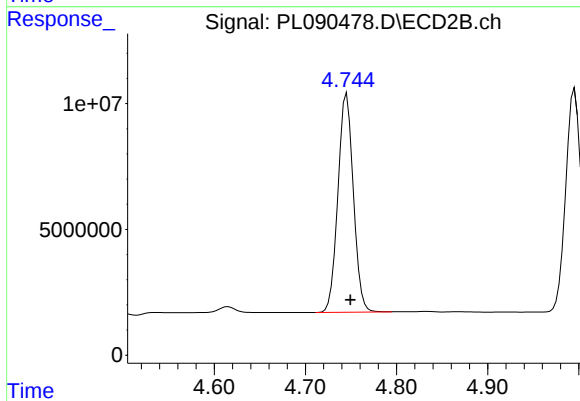
#7 delta-BHC

R.T.: 4.150 min
Delta R.T.: -0.003 min
Response: 118570106
Conc: 58.44 ng/ml



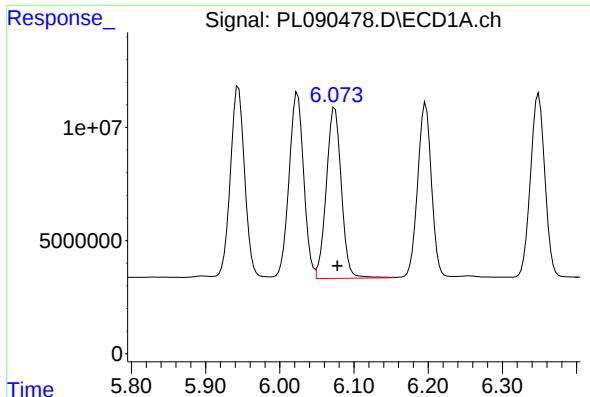
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.005 min
Response: 112783818
Conc: 44.23 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.744 min
Delta R.T.: -0.005 min
Response: 102292753
Conc: 55.68 ng/ml m



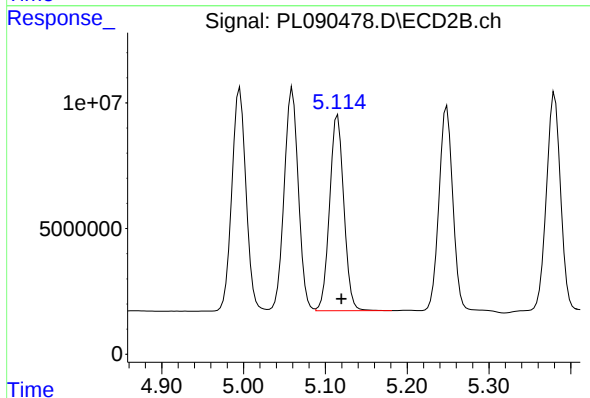
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 106486437
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

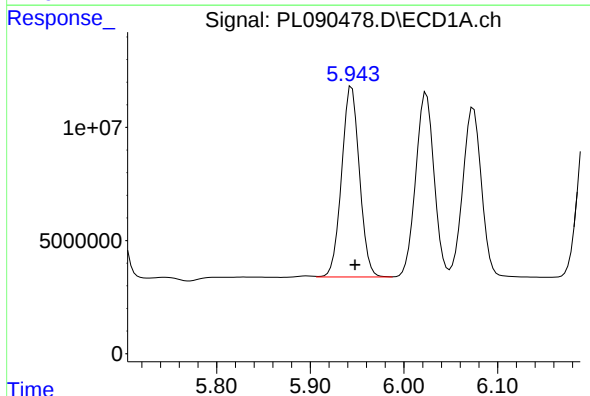
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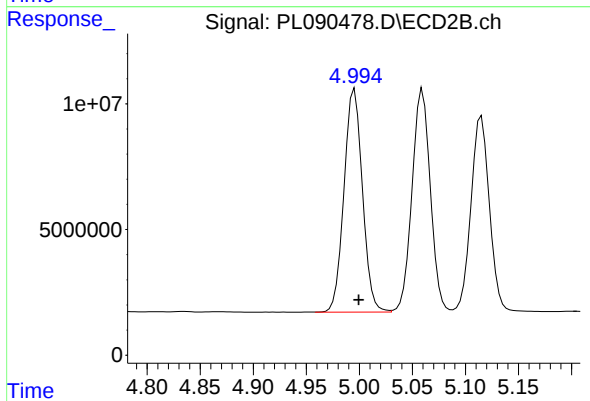
#9 Endosulfan I

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 94408172
Conc: 54.56 ng/ml



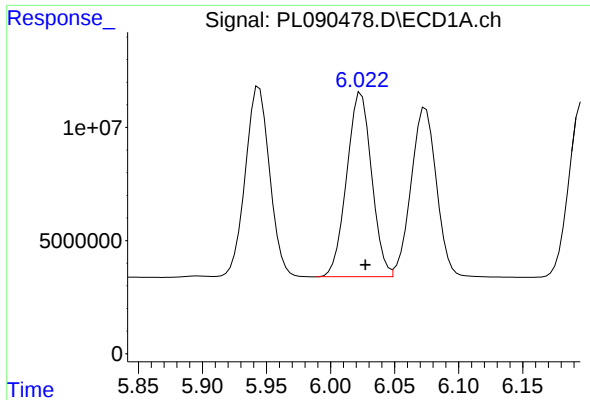
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.005 min
Response: 111621305
Conc: 44.17 ng/ml m



#10 gamma-Chlordane

R.T.: 4.994 min
Delta R.T.: -0.005 min
Response: 107036922
Conc: 55.85 ng/ml m



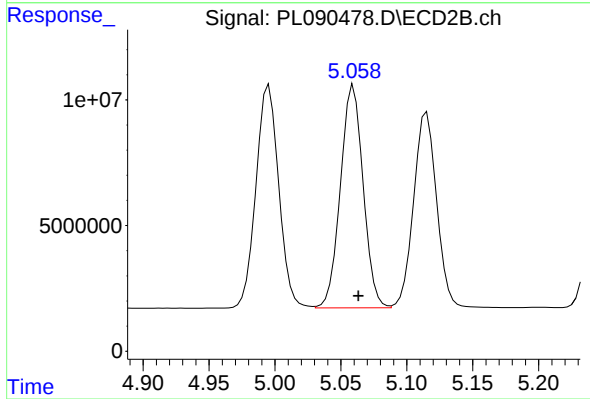
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.005 min
Response: 111024983
Conc: 44.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

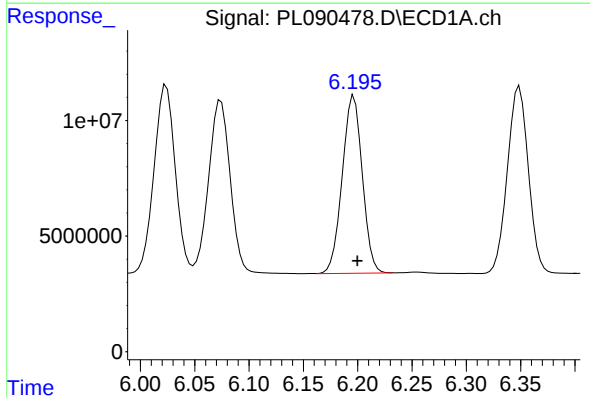
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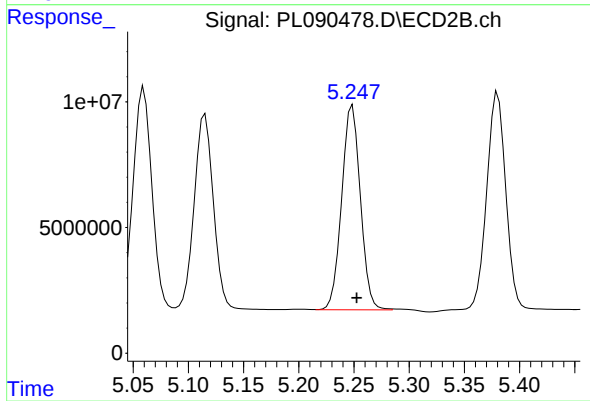
#11 alpha-Chlordane

R.T.: 5.060 min
Delta R.T.: -0.004 min
Response: 106196929
Conc: 55.45 ng/ml



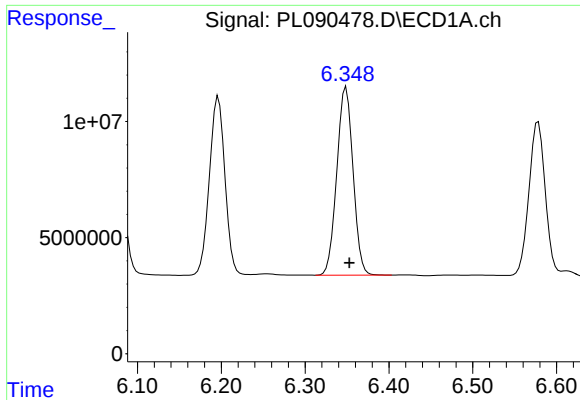
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.005 min
Response: 98775740
Conc: 45.25 ng/ml m



#12 4,4'-DDE

R.T.: 5.247 min
Delta R.T.: -0.005 min
Response: 95845272
Conc: 57.86 ng/ml m



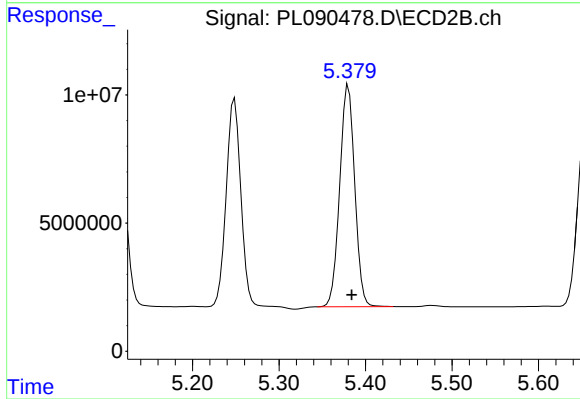
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: -0.004 min
Response: 108985115
Conc: 44.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

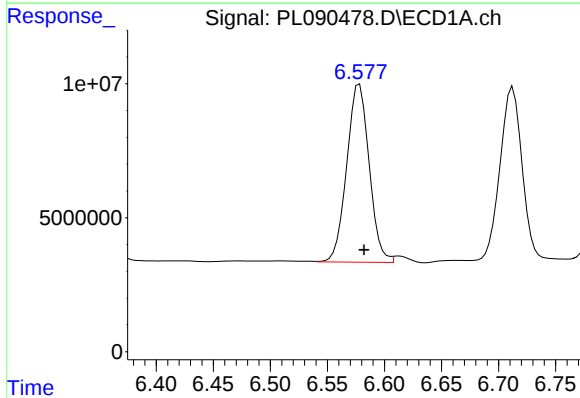
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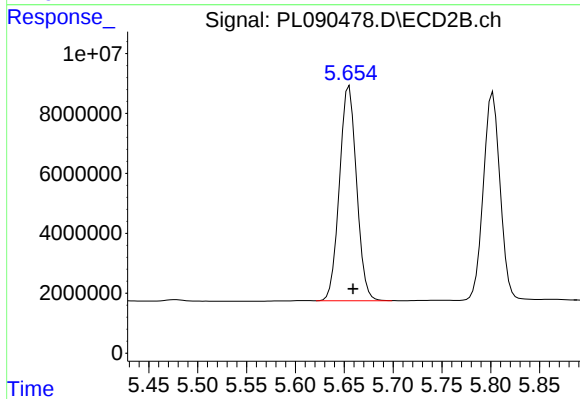
#13 Dieldrin

R.T.: 5.379 min
Delta R.T.: -0.005 min
Response: 103728354
Conc: 56.24 ng/ml m



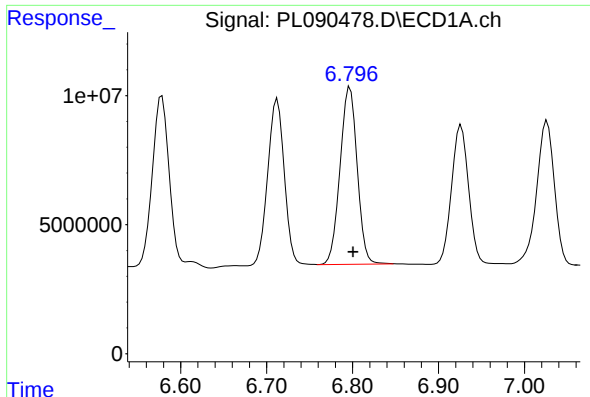
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 91016668
Conc: 42.93 ng/ml



#14 Endrin

R.T.: 5.654 min
Delta R.T.: -0.006 min
Response: 87621070
Conc: 52.99 ng/ml m



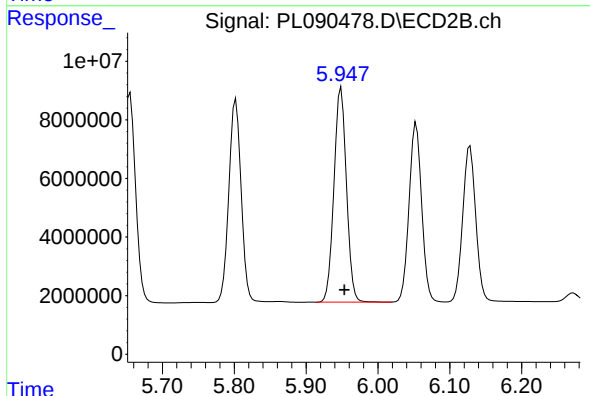
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.005 min
Response: 95261392
Conc: 43.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

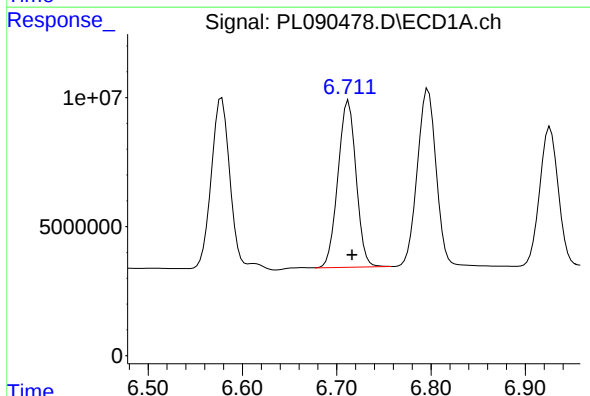
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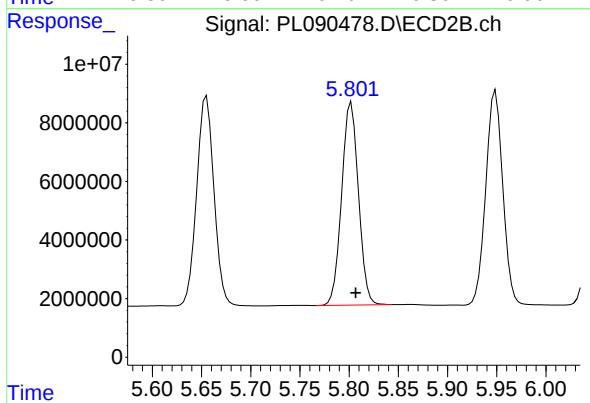
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 88392433
Conc: 53.87 ng/ml



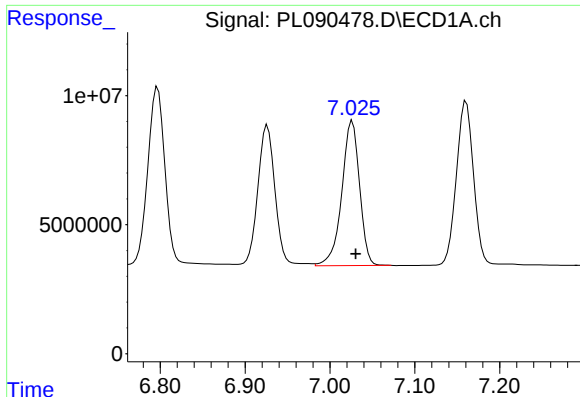
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.005 min
Response: 86222773
Conc: 47.06 ng/ml m



#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: -0.006 min
Response: 82231698
Conc: 60.00 ng/ml m



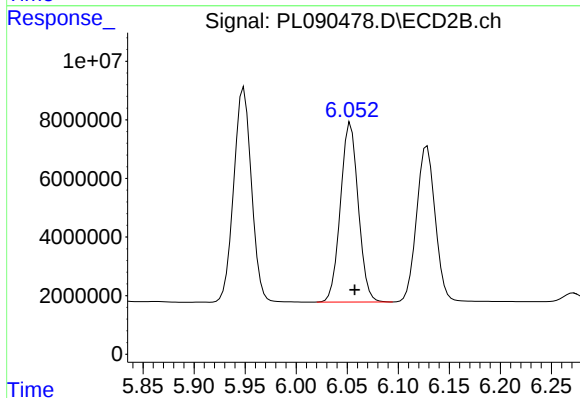
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.004 min
Response: 81544586
Conc: 42.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

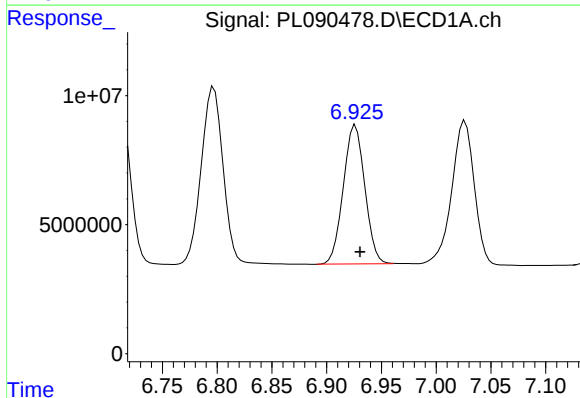
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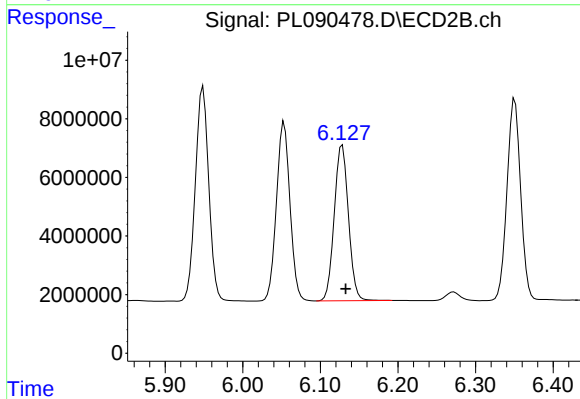
#17 4,4'-DDT

R.T.: 6.053 min
Delta R.T.: -0.004 min
Response: 74319177
Conc: 50.21 ng/ml



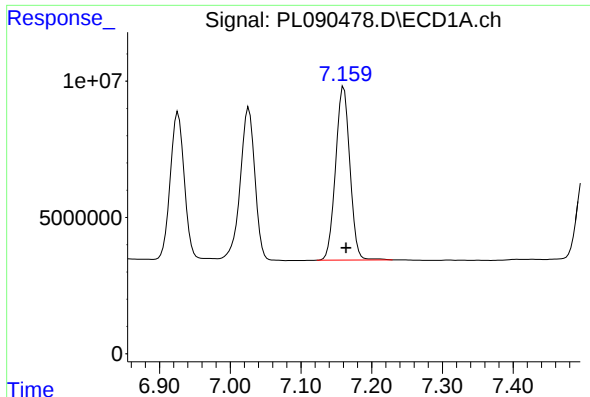
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.006 min
Response: 73467247
Conc: 43.51 ng/ml m



#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: -0.004 min
Response: 67512326
Conc: 53.01 ng/ml



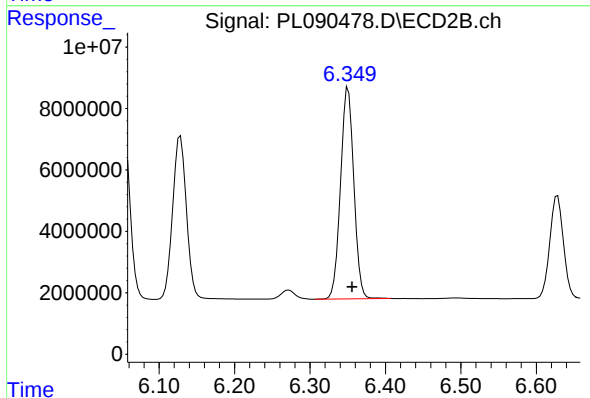
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.003 min
Response: 89432568
Conc: 45.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

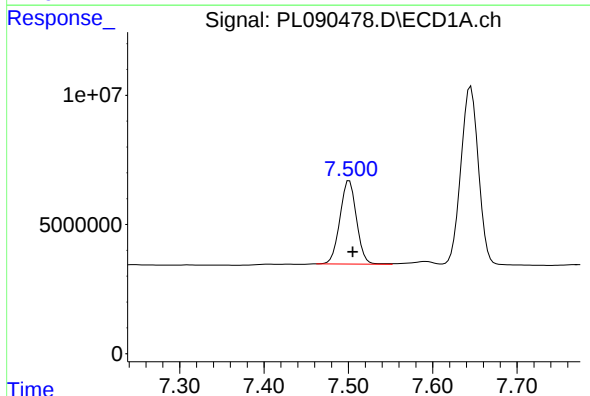
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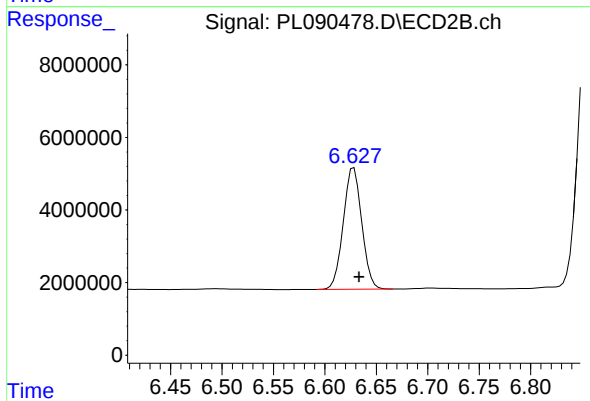
#19 Endosulfan Sulfate

R.T.: 6.351 min
Delta R.T.: -0.005 min
Response: 84232295
Conc: 53.87 ng/ml



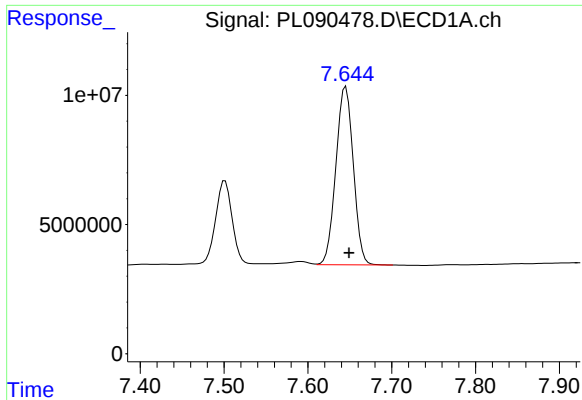
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.004 min
Response: 44084088
Conc: 42.78 ng/ml



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: -0.007 min
Response: 41828395
Conc: 50.14 ng/ml m



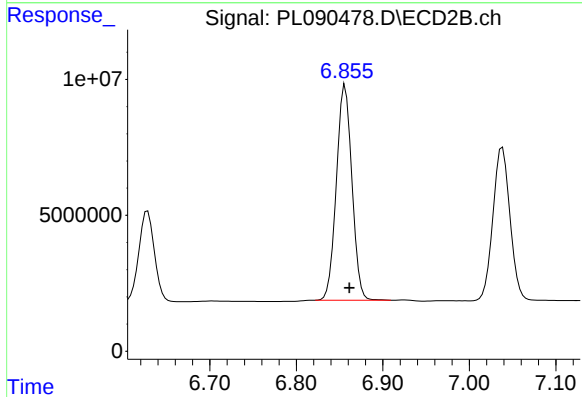
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.004 min
Response: 99486569
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

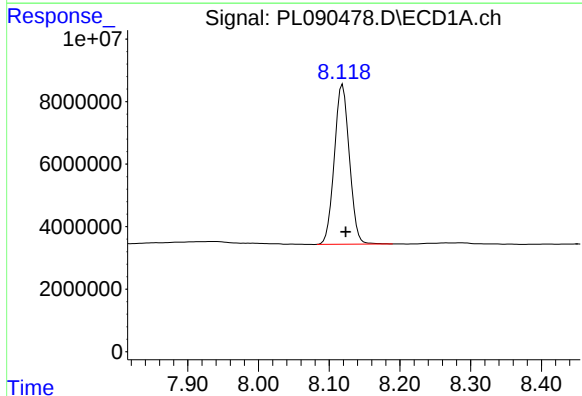
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2024
Supervised By :Ankita Jodhani 07/11/2024



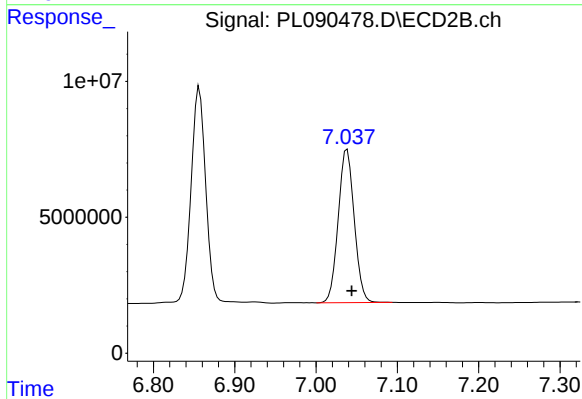
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.005 min
Response: 98371514
Conc: 54.94 ng/ml



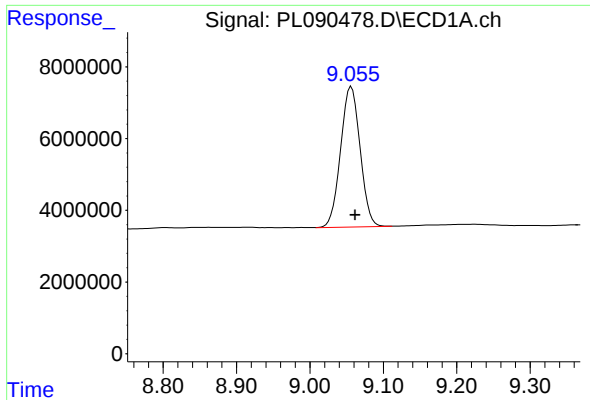
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.005 min
Response: 75566441
Conc: 43.46 ng/ml



#22 Mirex

R.T.: 7.037 min
Delta R.T.: -0.007 min
Response: 77026158
Conc: 50.44 ng/ml m



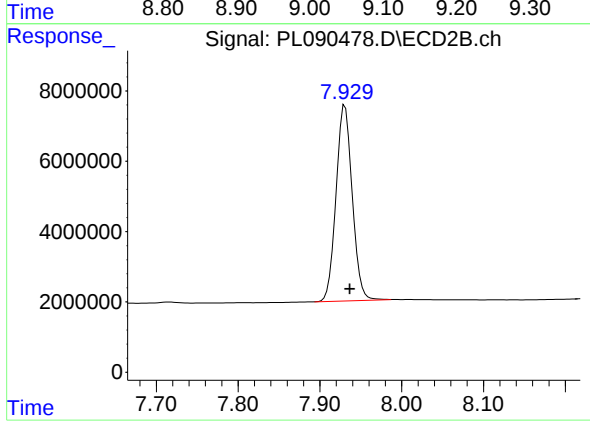
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: -0.007 min
Response: 72336138
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.007 min
Response: 76454275
Conc: 51.25 ng/ml m