

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
 Data File : PL086109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 11:34
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/25/2023
 Supervised By : Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 11:46:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 09:26:51 2023
 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...	3.354	2.621	135.6E6	41907782	45.582	44.864
28)	SA Decachlor...	8.853	7.771	120.7E6	52411684	55.437	56.785
Target Compounds							
2)	A alpha-BHC	3.809	3.119	200.8E6	57947708	46.779	46.059
3)	MA gamma-BHC...	4.140	3.446	195.5E6	58317274	47.294	47.284
4)	MA Heptachlor	4.727	3.782	181.5E6	54135397	46.934	46.546
5)	MB Aldrin	5.066	4.059	188.6E6	56143068	48.652	50.206
6)	B beta-BHC	4.343	3.748	84484139	25891786	51.090	49.736
7)	B delta-BHC	4.586	3.973	195.6E6	58031996	51.023	50.508
8)	B Heptachlo...	5.494	4.564	166.1E6	52507368	48.161m	52.277
9)	A Endosulfan I	5.879	4.931	158.9E6	49353155	49.144	46.007
10)	B gamma-Chl...	5.753	4.816	172.6E6	54872913	50.447	55.406
11)	B alpha-Chl...	5.833	4.879	171.0E6	54593401	50.036	50.052
12)	B 4,4'-DDE	6.016	5.078	147.4E6	47464279	52.704	57.803
13)	MA Dieldrin	6.156	5.197	162.1E6	52149797	49.334	53.750
14)	MA Endrin	6.385	5.470	142.0E6	47881107	49.846	53.260
15)	B Endosulfa...	6.608	5.768	141.2E6	47931424	51.254	50.404
16)	A 4,4'-DDD	6.535	5.634	117.4E6	40485778	58.293	58.166
17)	MA 4,4'-DDT	6.850	5.885	109.5E6	38615133	46.466	48.833
18)	B Endrin al...	6.739	5.950	104.6E6	38806066	51.620	52.039
19)	B Endosulfa...	6.975	6.174	132.3E6	47788194	52.699	52.973
20)	A Methoxychlor	7.335	6.469	62717304	24161912	44.907	45.928
21)	B Endrin ke...	7.456	6.675	141.2E6	57392669	49.007	49.932
22)	Mirex	7.930	6.852	111.6E6	48248467	50.400	51.156

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

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

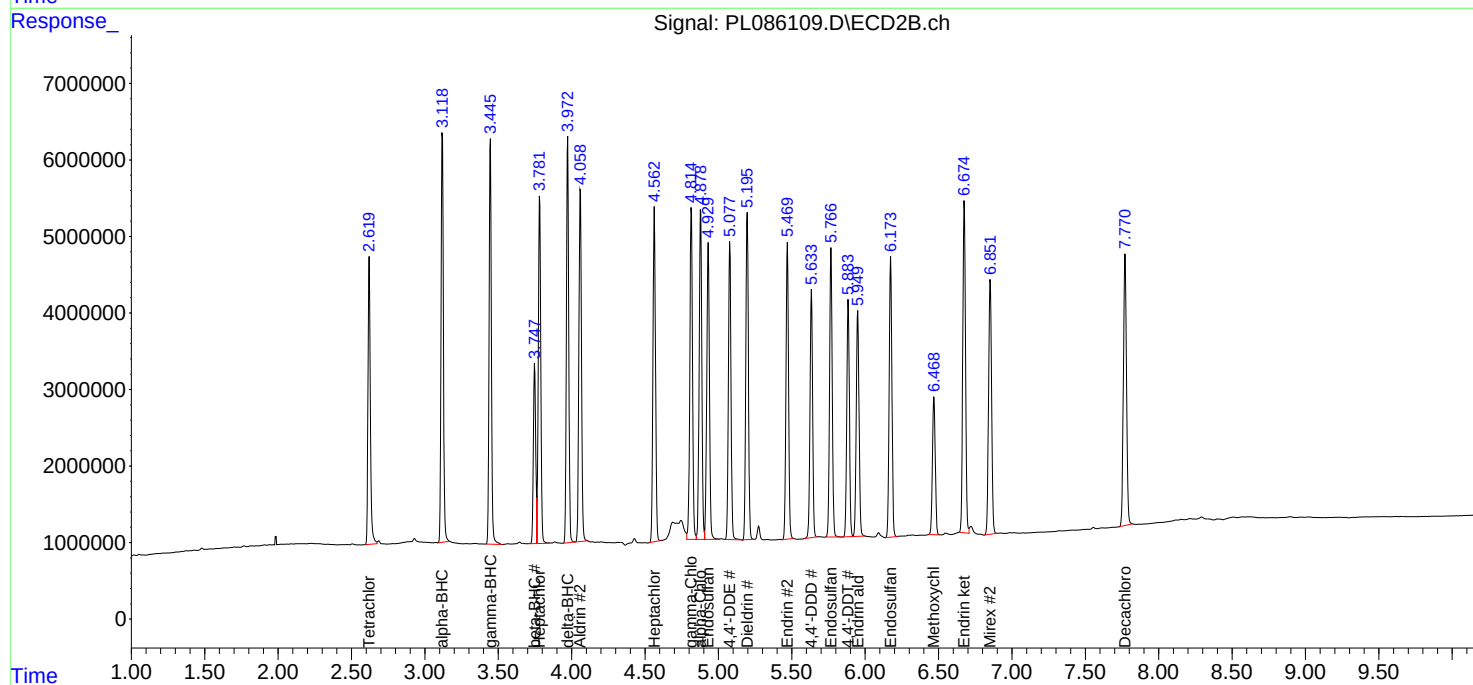
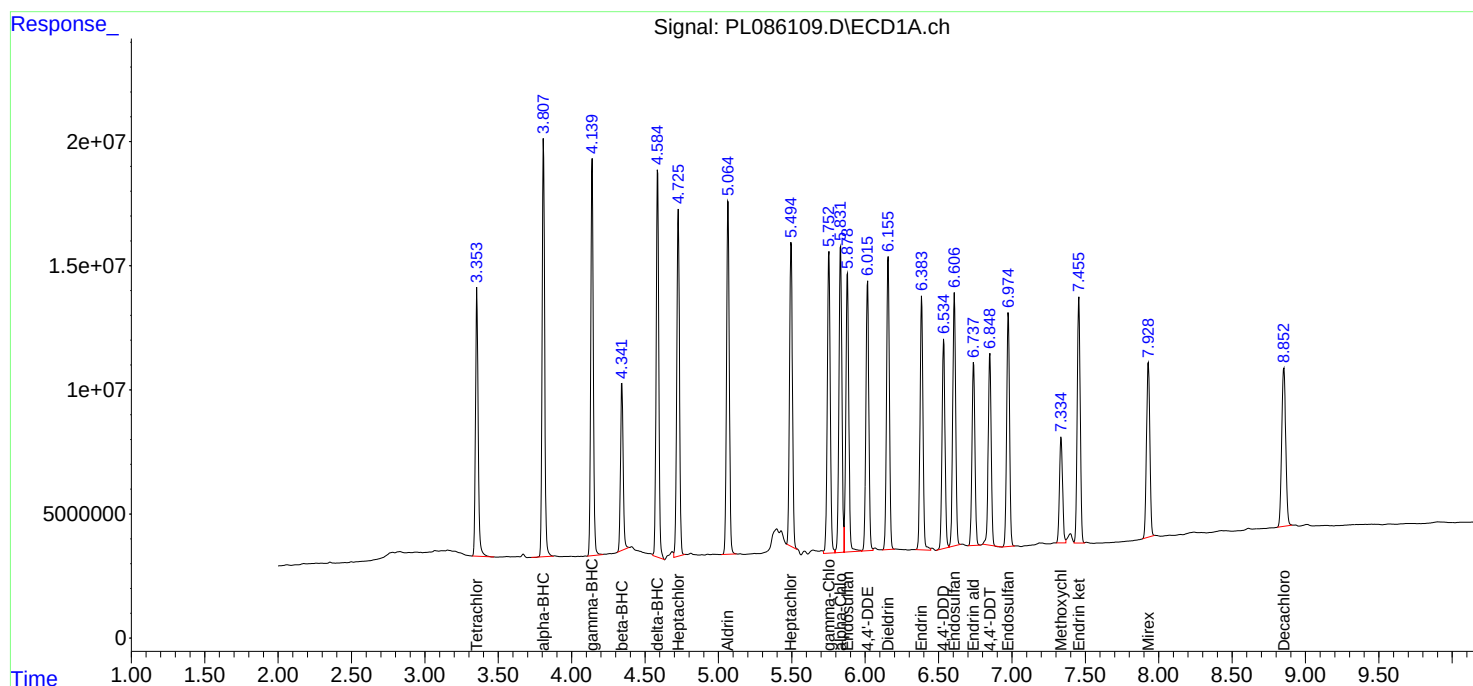
APPROVED

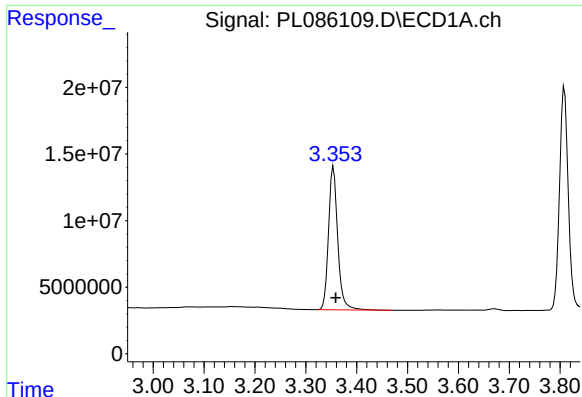
Reviewed By :Abdul Mirza 10/25/2023

Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 11:46:08 2023
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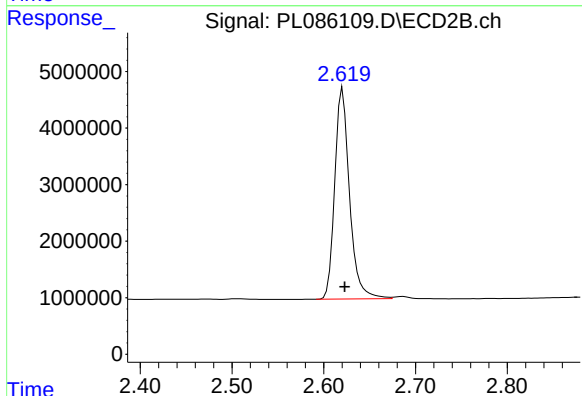
#1 Tetrachloro-m-xylene

R.T.: 3.354 min
Delta R.T.: -0.005 min
Response: 135567875
Conc: 45.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

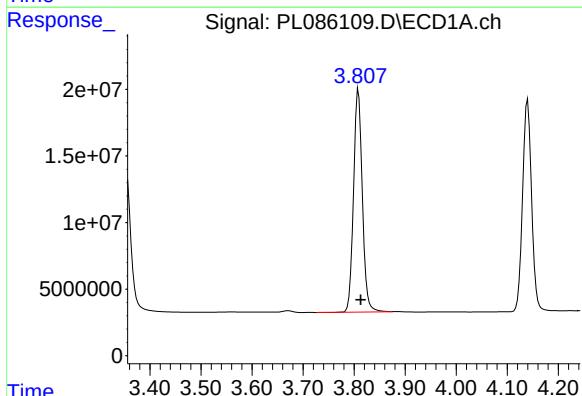
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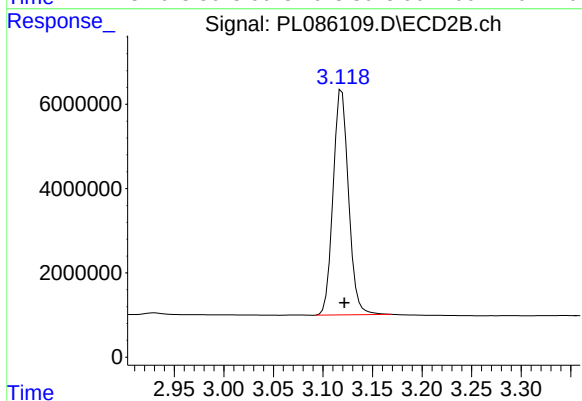
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 41907782
Conc: 44.86 ng/ml



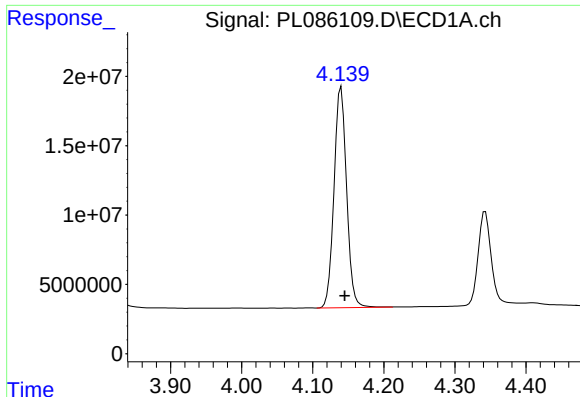
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 200772542
Conc: 46.78 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.003 min
Response: 57947708
Conc: 46.06 ng/ml



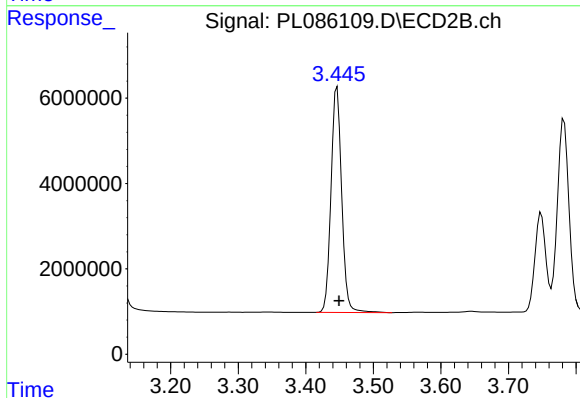
#3 gamma-BHC (Lindane)

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 195479373
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

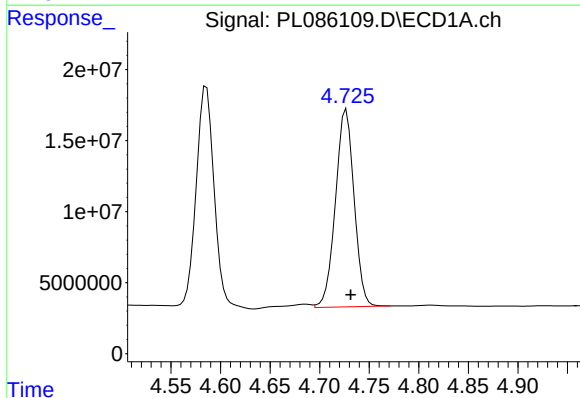
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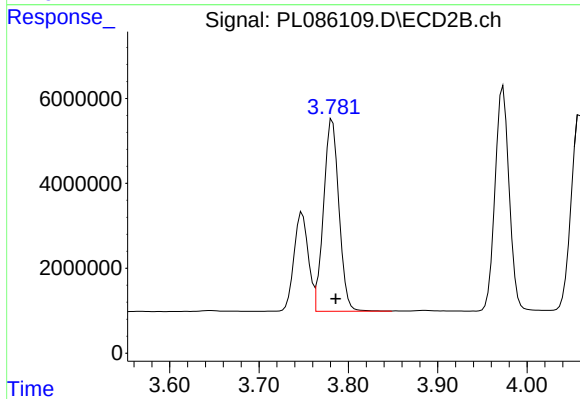
#3 gamma-BHC (Lindane)

R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 58317274
Conc: 47.28 ng/ml



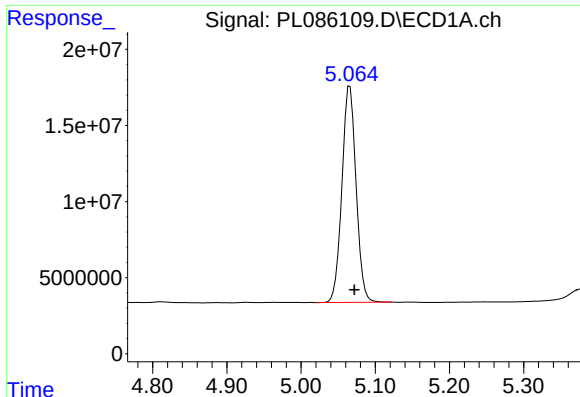
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.005 min
Response: 181522919
Conc: 46.93 ng/ml



#4 Heptachlor

R.T.: 3.782 min
Delta R.T.: -0.004 min
Response: 54135397
Conc: 46.55 ng/ml



#5 Aldrin

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 188591962
Conc: 48.65 ng/ml

Instrument :

ECD_L

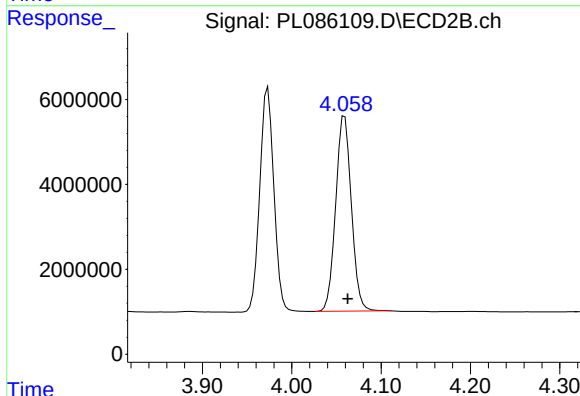
ClientSampleId :

PSTDCCC050

Manual Integrations

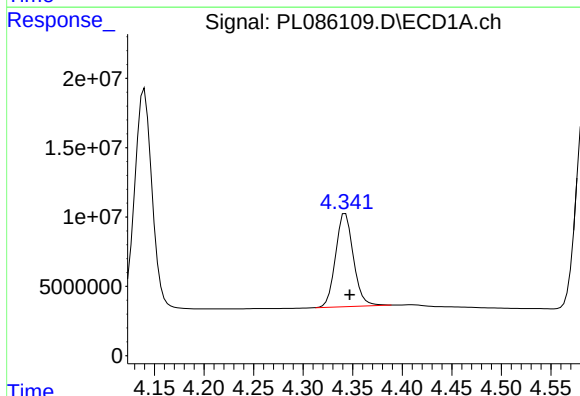
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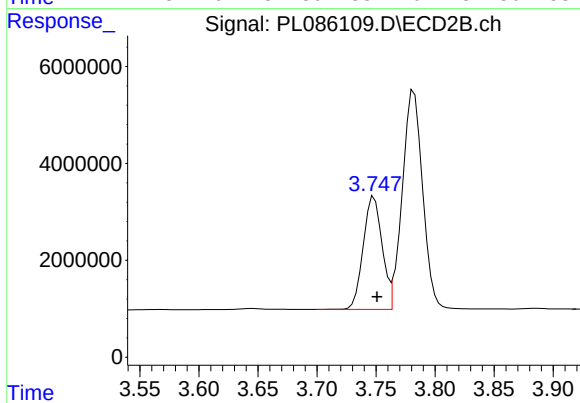
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 56143068
Conc: 50.21 ng/ml



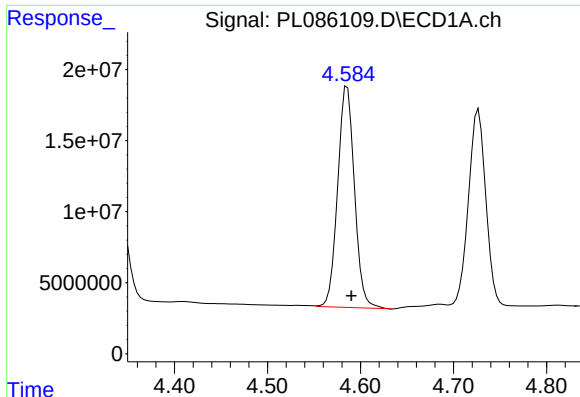
#6 beta-BHC

R.T.: 4.343 min
Delta R.T.: -0.005 min
Response: 84484139
Conc: 51.09 ng/ml



#6 beta-BHC

R.T.: 3.748 min
Delta R.T.: -0.002 min
Response: 25891786
Conc: 49.74 ng/ml



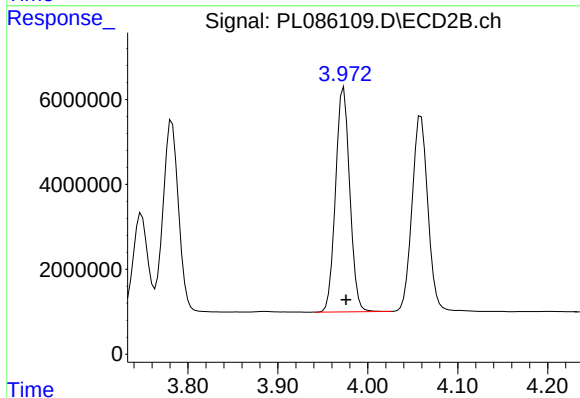
#7 delta-BHC

R.T.: 4.586 min
Delta R.T.: -0.005 min
Response: 195642289
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

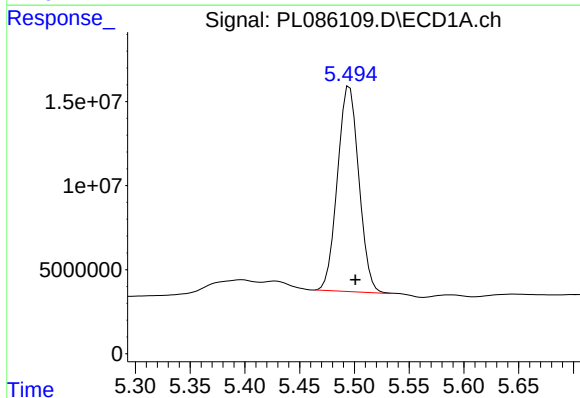
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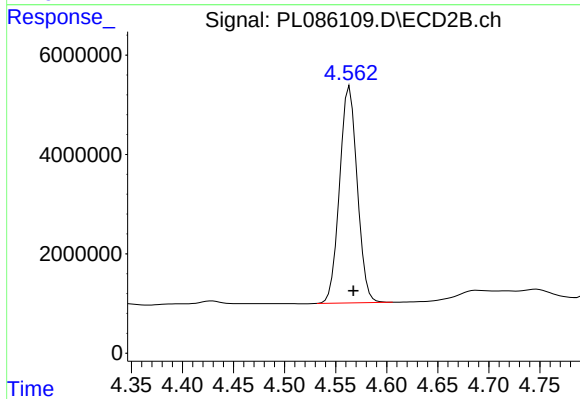
#7 delta-BHC

R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 58031996
Conc: 50.51 ng/ml



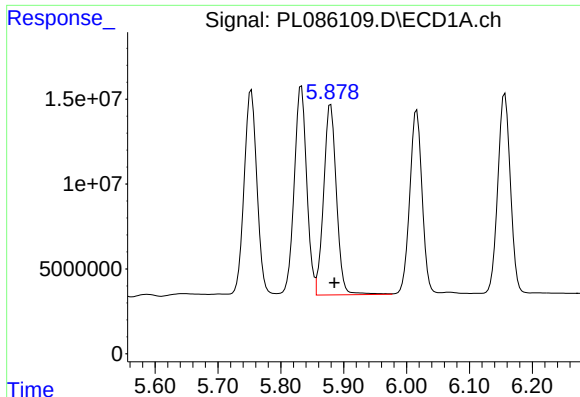
#8 Heptachlor epoxide

R.T.: 5.494 min
Delta R.T.: -0.007 min
Response: 166147814
Conc: 48.16 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: -0.004 min
Response: 52507368
Conc: 52.28 ng/ml



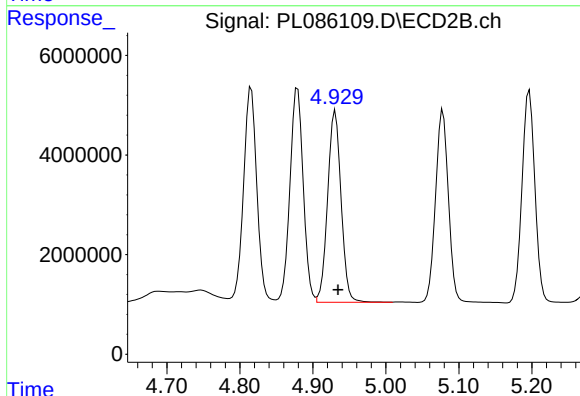
#9 Endosulfan I

R.T.: 5.879 min
Delta R.T.: -0.006 min
Response: 158934078
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

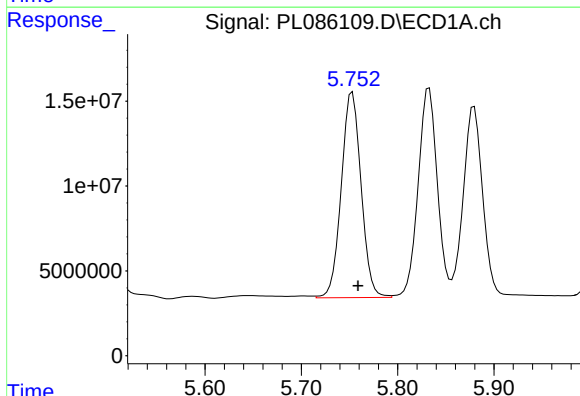
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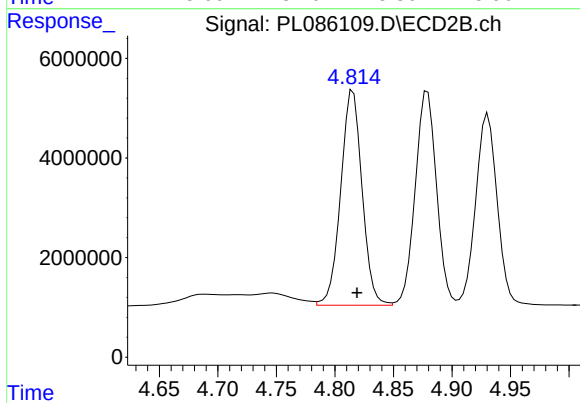
#9 Endosulfan I

R.T.: 4.931 min
Delta R.T.: -0.004 min
Response: 49353155
Conc: 46.01 ng/ml



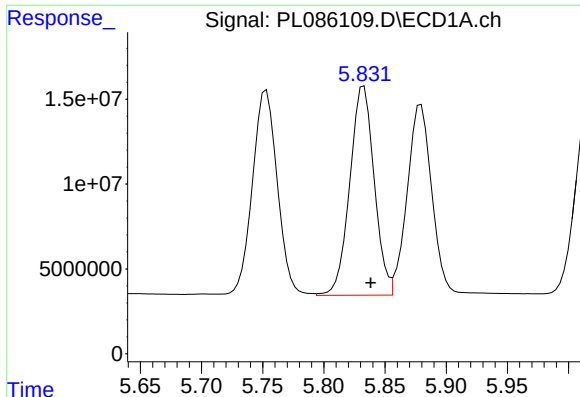
#10 gamma-Chlordane

R.T.: 5.753 min
Delta R.T.: -0.006 min
Response: 172602069
Conc: 50.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 54872913
Conc: 55.41 ng/ml



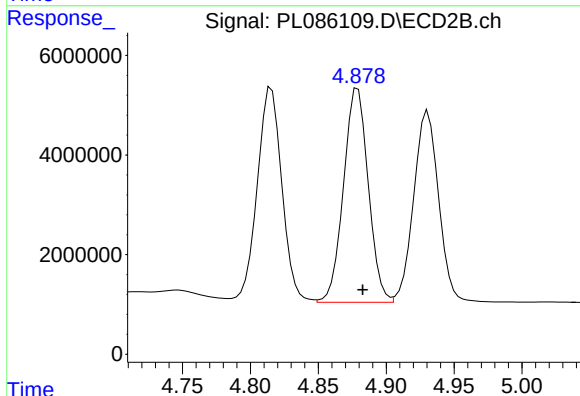
#11 alpha-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.006 min
Response: 171006108
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

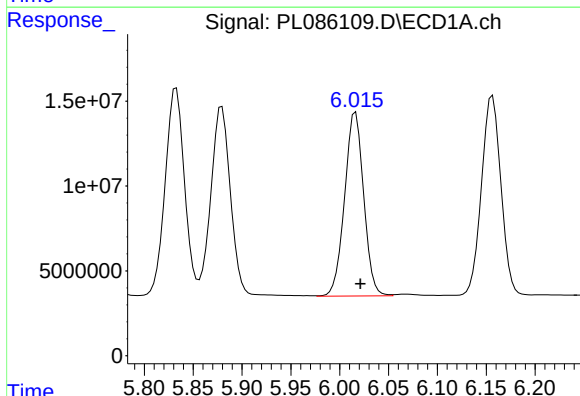
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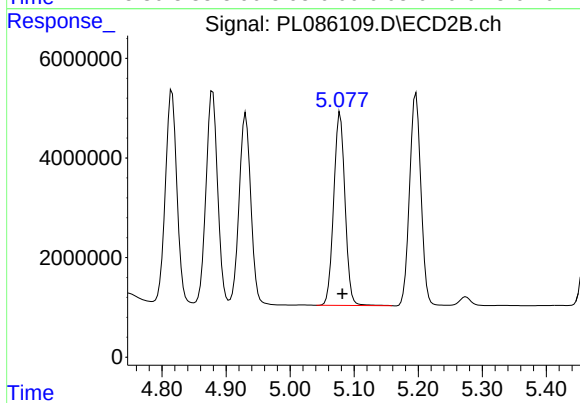
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.004 min
Response: 54593401
Conc: 50.05 ng/ml



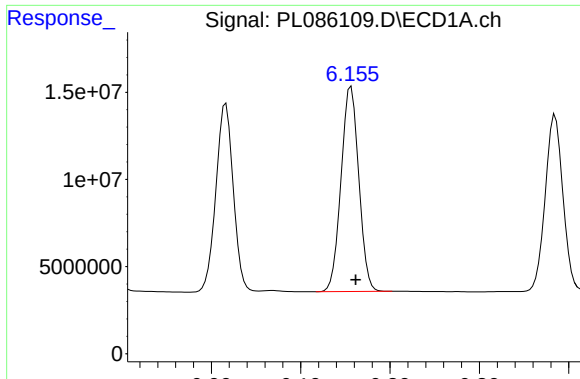
#12 4,4'-DDE

R.T.: 6.016 min
Delta R.T.: -0.005 min
Response: 147389321
Conc: 52.70 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 47464279
Conc: 57.80 ng/ml



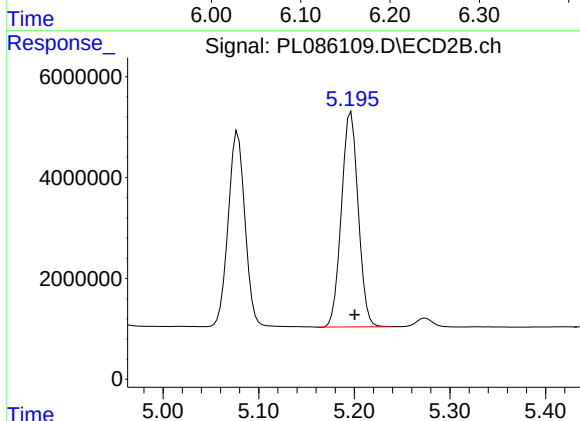
#13 Dieldrin

R.T.: 6.156 min
Delta R.T.: -0.005 min
Response: 162111377
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

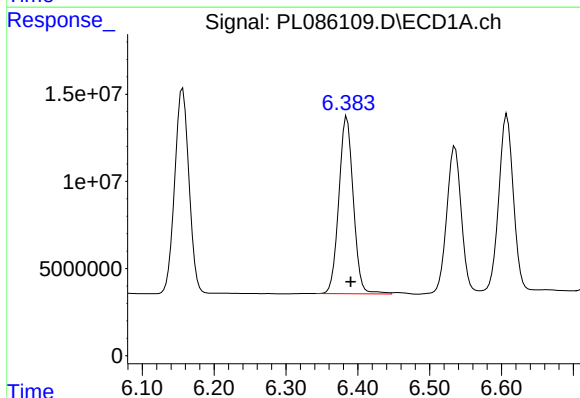
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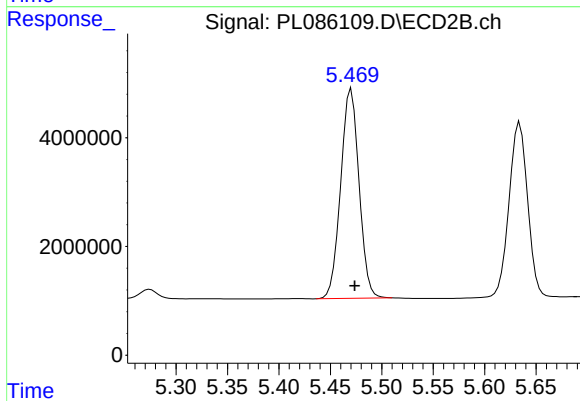
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 52149797
Conc: 53.75 ng/ml



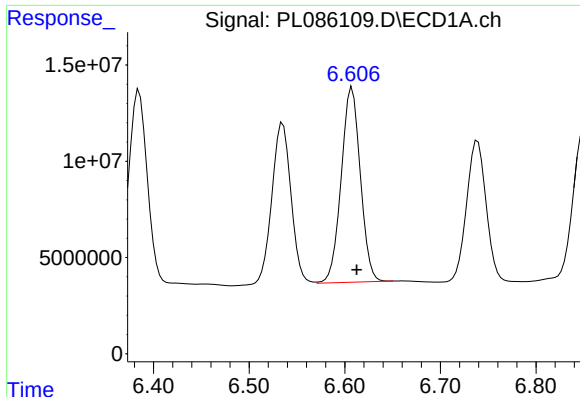
#14 Endrin

R.T.: 6.385 min
Delta R.T.: -0.005 min
Response: 142048799
Conc: 49.85 ng/ml



#14 Endrin

R.T.: 5.470 min
Delta R.T.: -0.003 min
Response: 47881107
Conc: 53.26 ng/ml



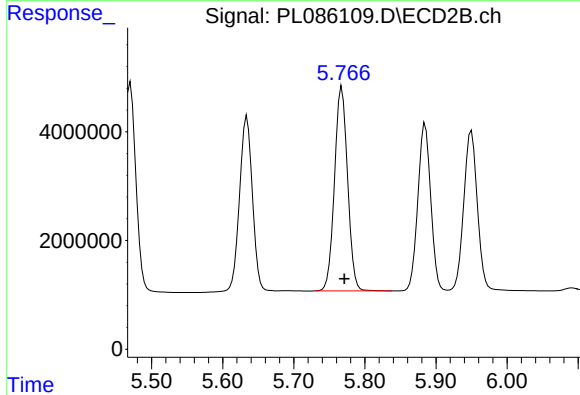
#15 Endosulfan II

R.T.: 6.608 min
Delta R.T.: -0.005 min
Response: 141229980
Conc: 51.25 ng/ml

Instrument :
ECD_L
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PSTDCCC050

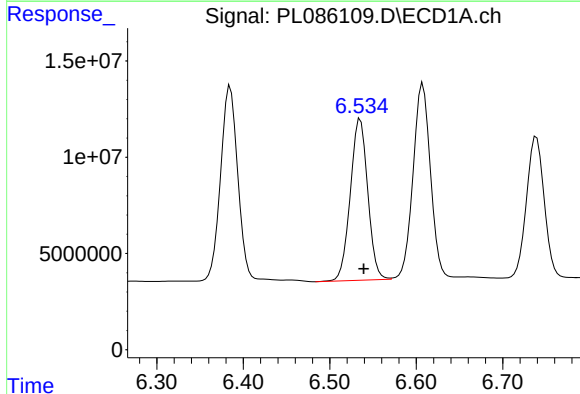
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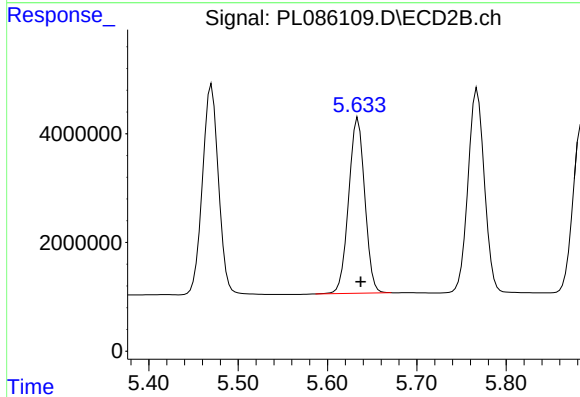
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 47931424
Conc: 50.40 ng/ml



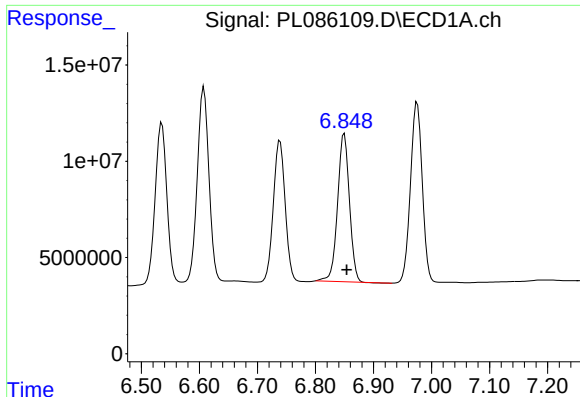
#16 4,4'-DDD

R.T.: 6.535 min
Delta R.T.: -0.004 min
Response: 117440047
Conc: 58.29 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 40485778
Conc: 58.17 ng/ml



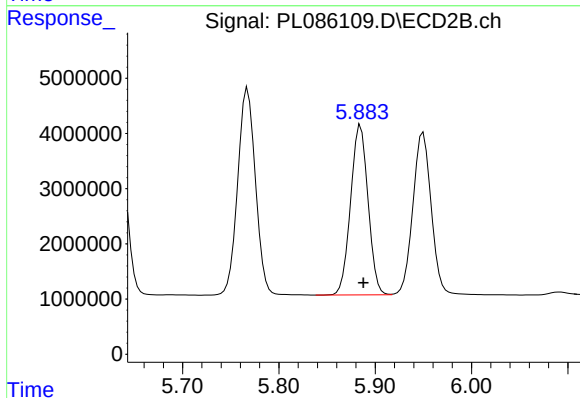
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 109524500
Conc: 46.47 ng/ml

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ECD_L
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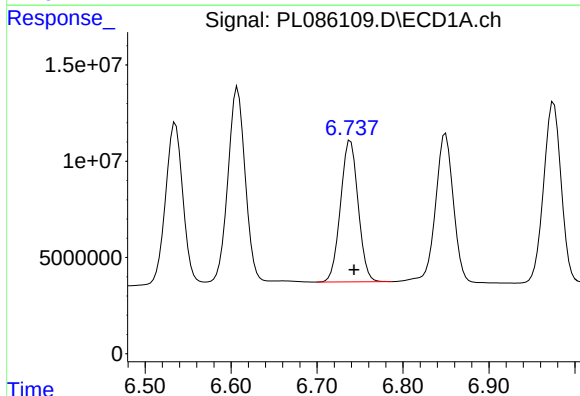
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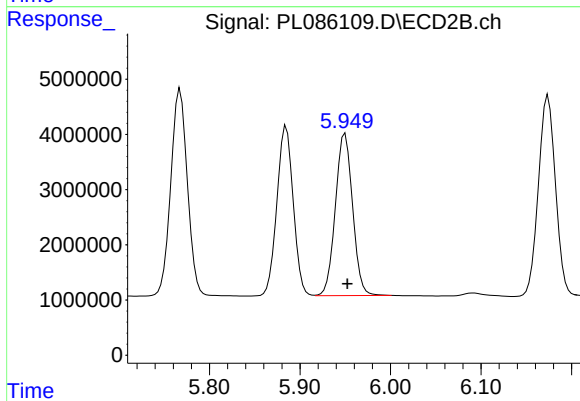
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 38615133
Conc: 48.83 ng/ml



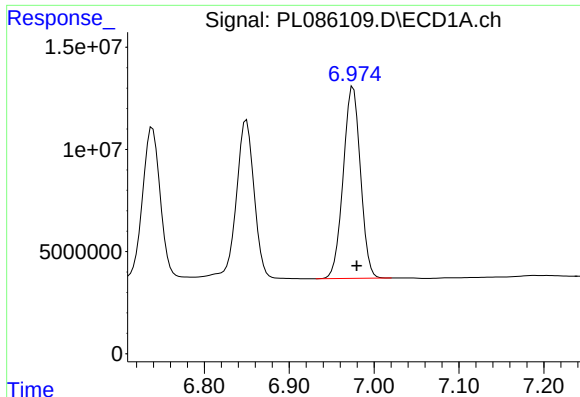
#18 Endrin aldehyde

R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 104622538
Conc: 51.62 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 38806066
Conc: 52.04 ng/ml



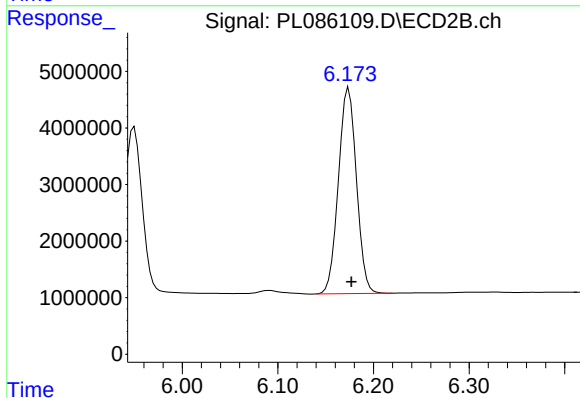
#19 Endosulfan Sulfate

R.T.: 6.975 min
Delta R.T.: -0.004 min
Response: 132259140
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

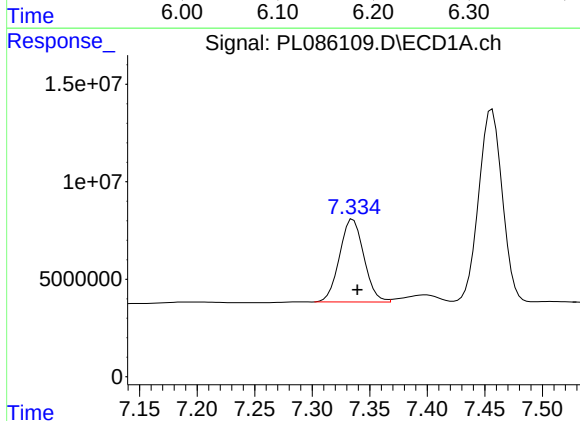
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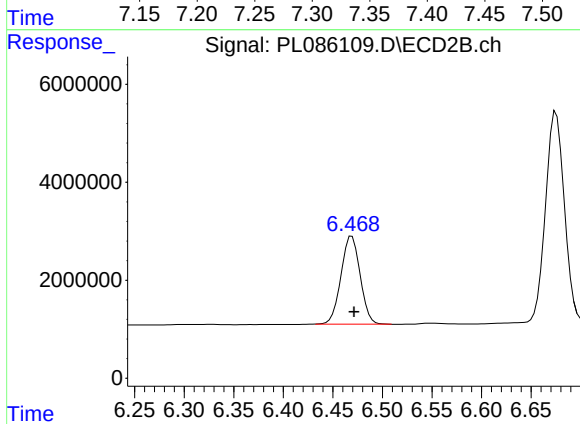
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 47788194
Conc: 52.97 ng/ml



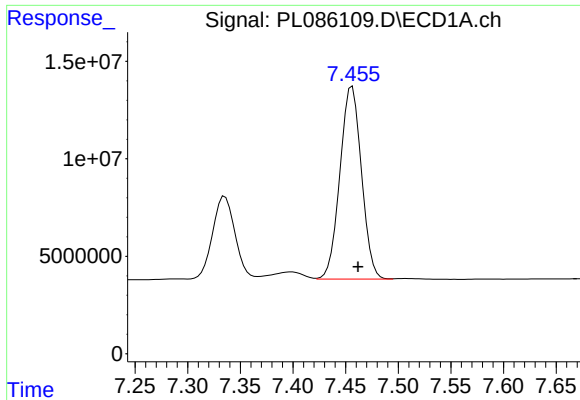
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: -0.004 min
Response: 62717304
Conc: 44.91 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 24161912
Conc: 45.93 ng/ml



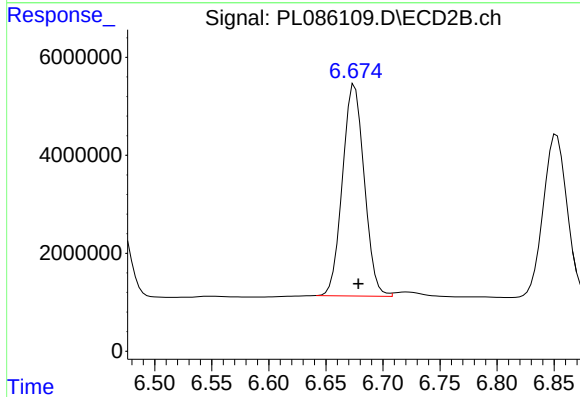
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: -0.006 min
Response: 141152048
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

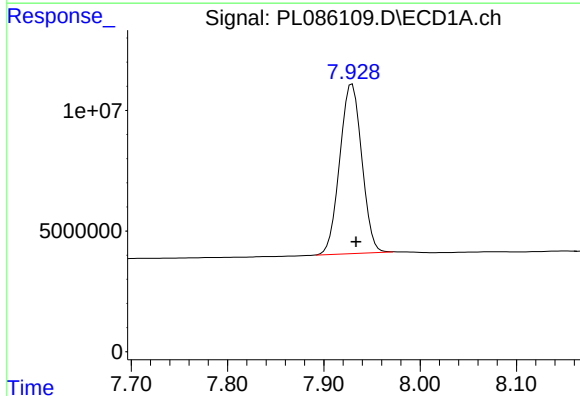
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Reviewed By :Abdul Mirza 10/25/2023
Supervised By :Ankita Jodhani 10/25/2023



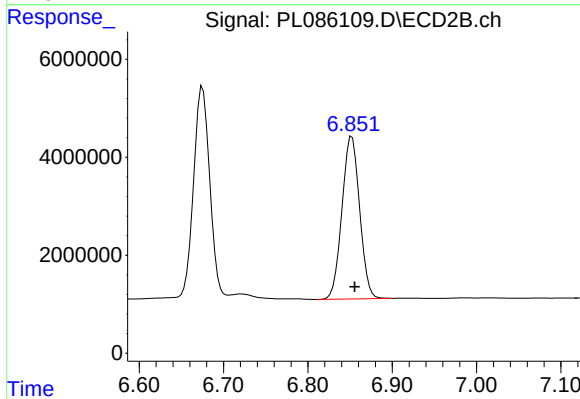
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 57392669
Conc: 49.93 ng/ml



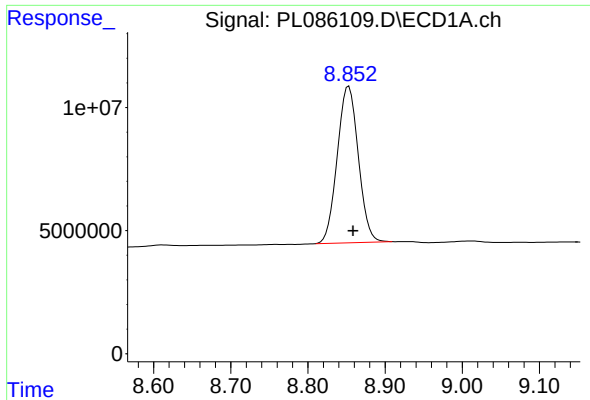
#22 Mirex

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 111585212
Conc: 50.40 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.004 min
Response: 48248467
Conc: 51.16 ng/ml



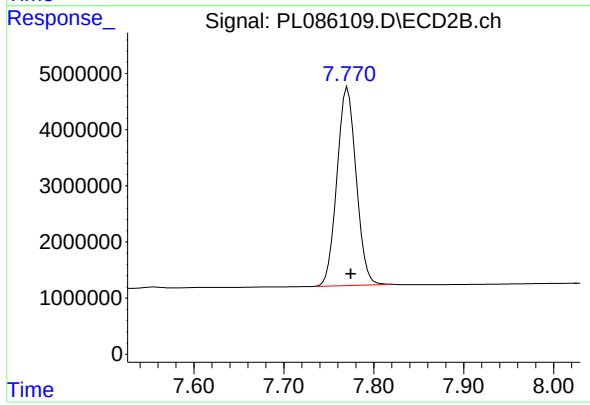
#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.006 min
Response: 120744155
Conc: 55.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/25/2023
Supervised By :Ankita Jodhani 10/25/2023



#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 52411684
Conc: 56.78 ng/ml