

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
 Data File : PL085547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 17:32
 Operator : AR\AJ
 Sample : 04590-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SAMPLE-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/28/2023
 Supervised By :Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 21:36:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 26 01:26:21 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...	3.414	2.652	44175789	21342099	17.176	18.809
28) SA Decachlor...	8.944	7.826	38330958	21988077	18.678	18.520
Target Compounds						
2) A alpha-BHC	3.868	3.154	176.8E6	82854450	48.387m	50.103
3) MA gamma-BHC...	4.201	3.484	167.4E6	78355502	47.193m	48.868
4) MA Heptachlor	4.792	3.823	168.1E6	78721713	49.788	51.504
5) MB Aldrin	5.132	4.101	155.6E6	73461871	46.375	48.141
6) B beta-BHC	4.403	3.786	72376160	33727014	46.347	50.006
7) B delta-BHC	4.648	4.013	166.4E6	77021175	48.410	49.744
8) B Heptachlo...	5.562	4.607	139.0E6	68397906	48.424	50.744
9) A Endosulfan I	5.947	4.976	133.9E6	64008595	49.030	50.103
10) B gamma-Chl...	5.820	4.859	142.0E6	69044955	48.925	51.473
11) B alpha-Chl...	5.900	4.924	139.5E6	68599733	48.320	49.896
12) B 4,4'-DDE	6.081	5.123	124.2E6	63584979	50.003	52.818
13) MA Dieldrin	6.225	5.243	135.3E6	67619866	47.691	49.483
14) MA Endrin	6.454	5.517	120.8E6	64413519	50.703	53.339
15) B Endosulfa...	6.676	5.816	116.1E6	57594310	44.443	47.803
16) A 4,4'-DDD	6.601	5.681	102.0E6	53155793	50.864	53.001
17) MA 4,4'-DDT	6.917	5.932	114.2E6	58022097	54.394	54.036
18) B Endrin al...	6.808	5.998	86064660	46388021	47.731	47.189
19) B Endosulfa...	7.044	6.223	115.2E6	58921897	49.728	52.002
20) A Methoxychlor	7.402	6.519	62271755	31994939	46.750	50.462
21) B Endrin ke...	7.528	6.728	120.4E6	71684588	48.316	45.796
22) Mirex	8.002	6.906	96064989	55488832	48.605	49.114

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092723\
Data File : PL085547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Sep 2023 17:32
Operator : AR\AJ
Sample : 04590-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

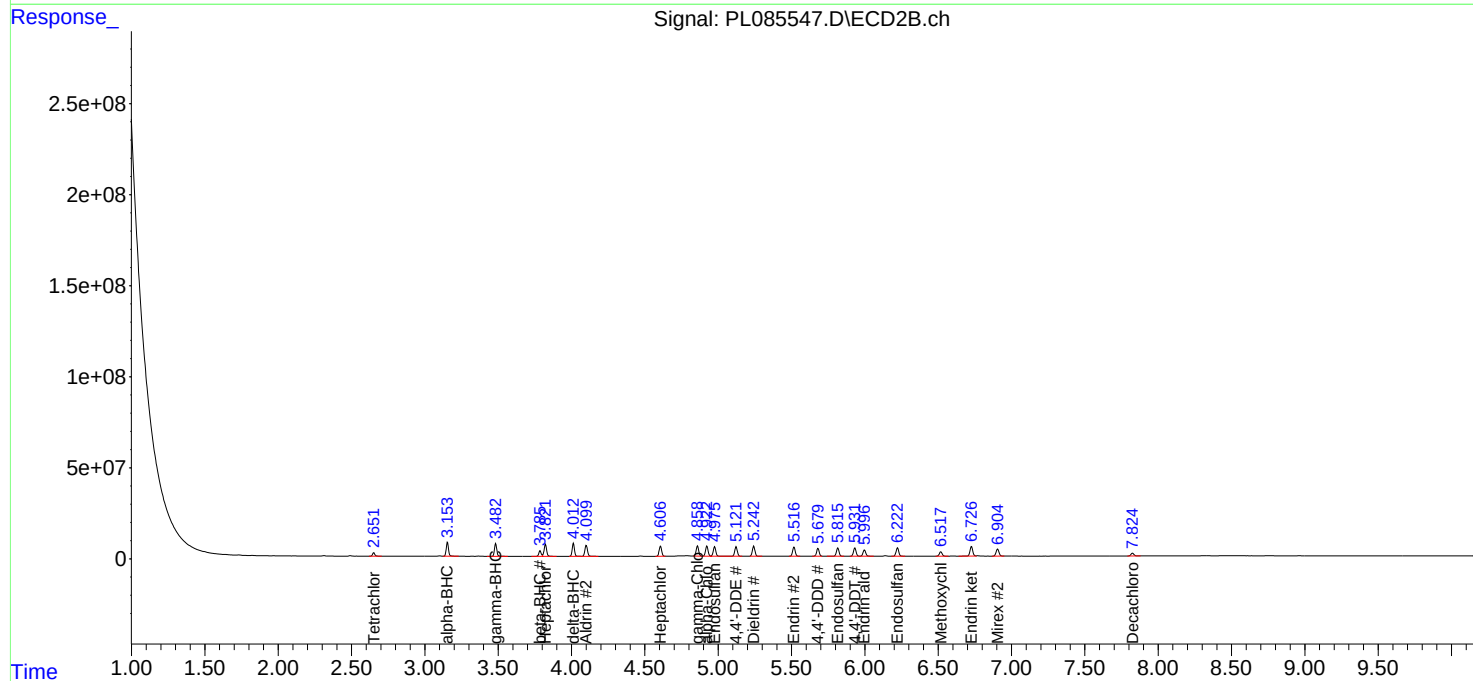
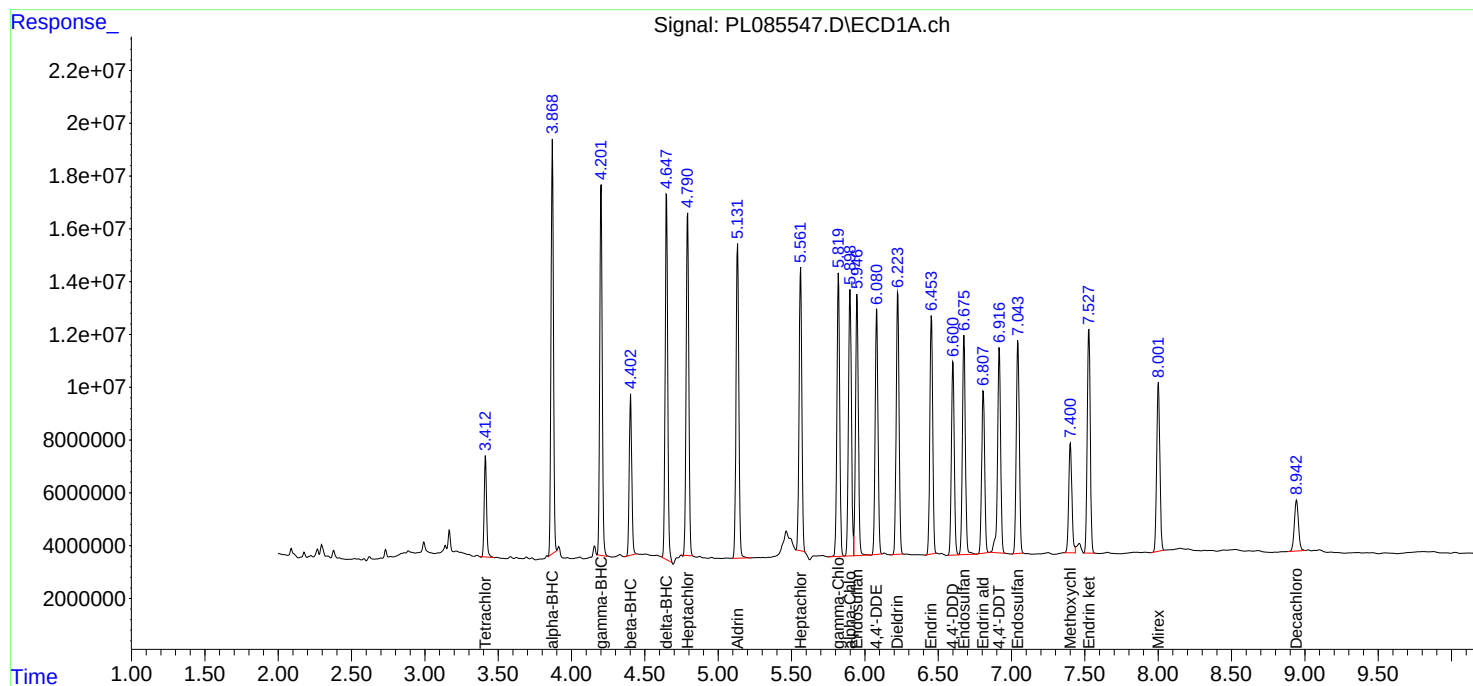
APPROVED

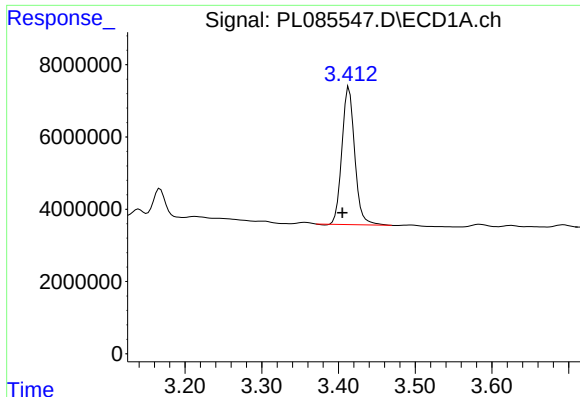
Reviewed By :Abdul Mirza 09/28/2023

Supervised By :Ankita Jodhani 09/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 21:36:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 26 01:26:21 2023
Response via : Initial Calibration
Integrator: ChemStation

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





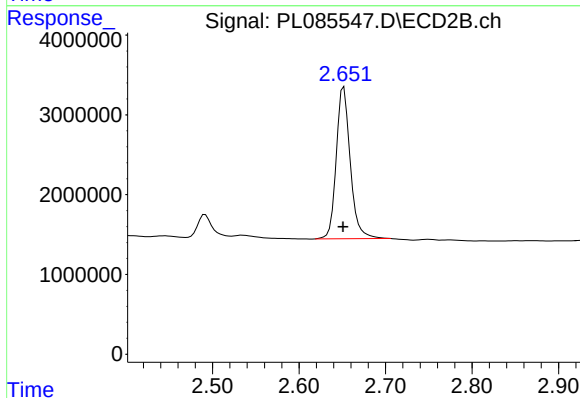
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.009 min
Response: 44175789
Conc: 17.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

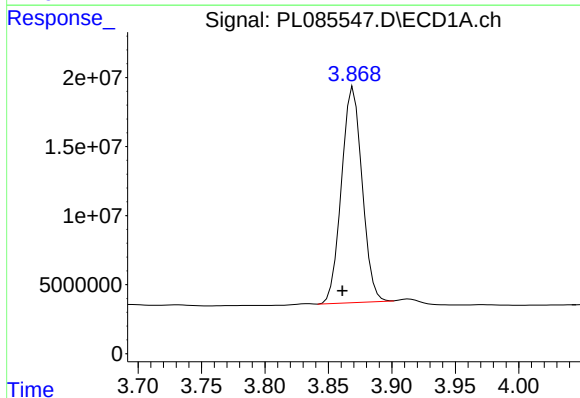
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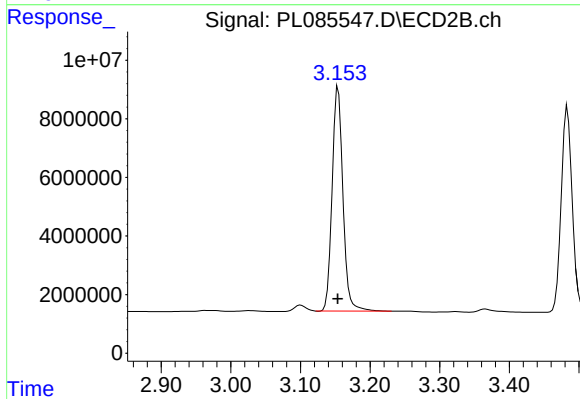
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: 0.000 min
Response: 21342099
Conc: 18.81 ng/ml



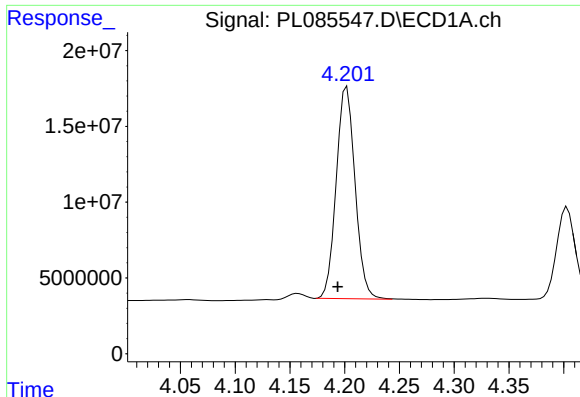
#2 alpha-BHC

R.T.: 3.868 min
Delta R.T.: 0.007 min
Response: 176751764
Conc: 48.39 ng/ml m



#2 alpha-BHC

R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 82854450
Conc: 50.10 ng/ml



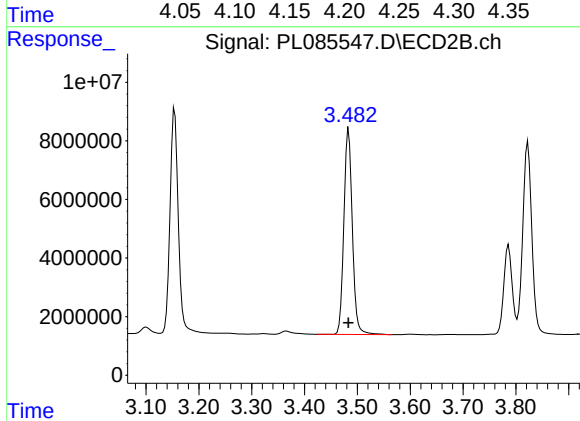
#3 gamma-BHC (Lindane)

R.T.: 4.201 min
Delta R.T.: 0.007 min
Response: 167364812
Conc: 47.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

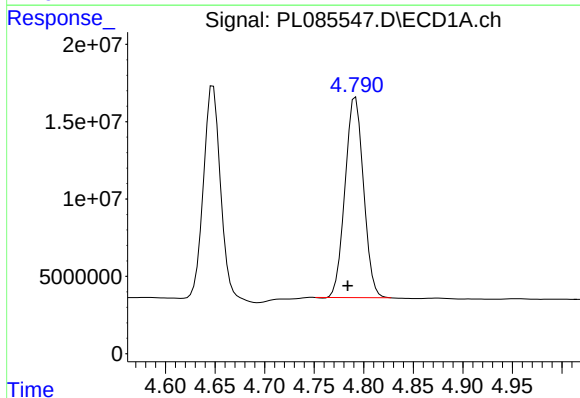
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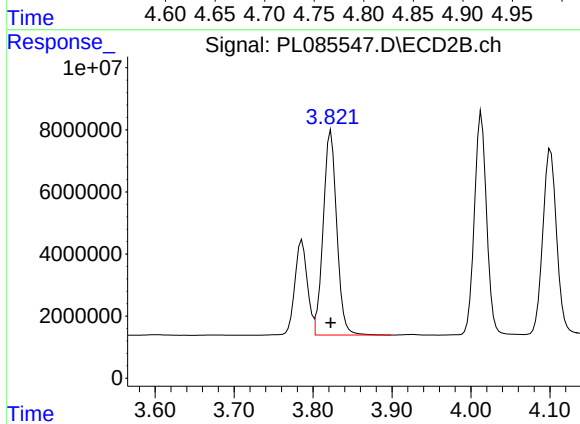
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 78355502
Conc: 48.87 ng/ml



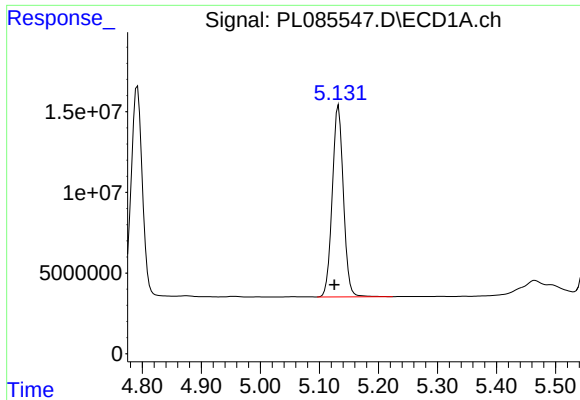
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: 0.008 min
Response: 168051566
Conc: 49.79 ng/ml



#4 Heptachlor

R.T.: 3.823 min
Delta R.T.: 0.000 min
Response: 78721713
Conc: 51.50 ng/ml



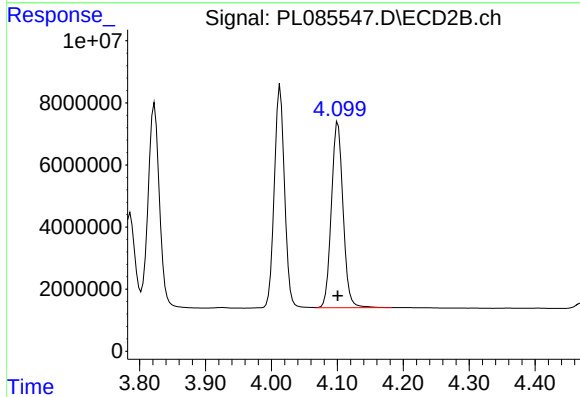
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: 0.007 min
Response: 155556175
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

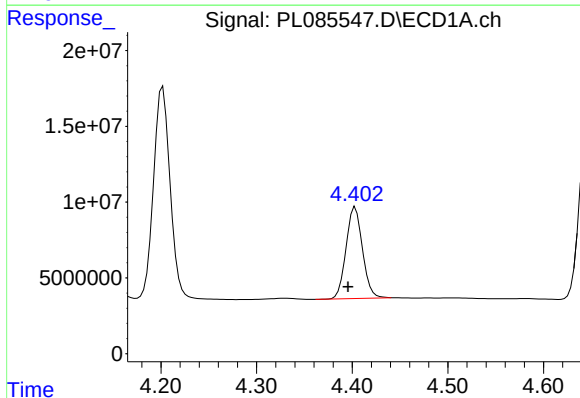
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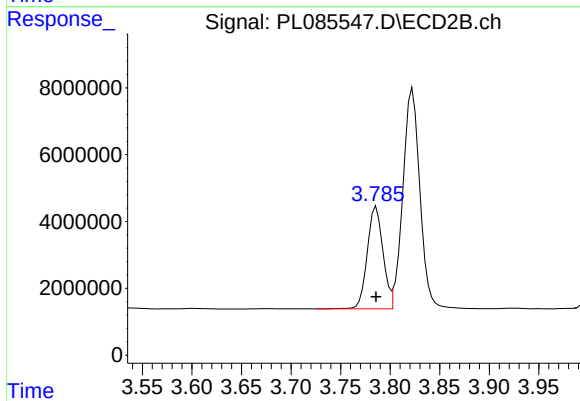
#5 Aldrin

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 73461871
Conc: 48.14 ng/ml



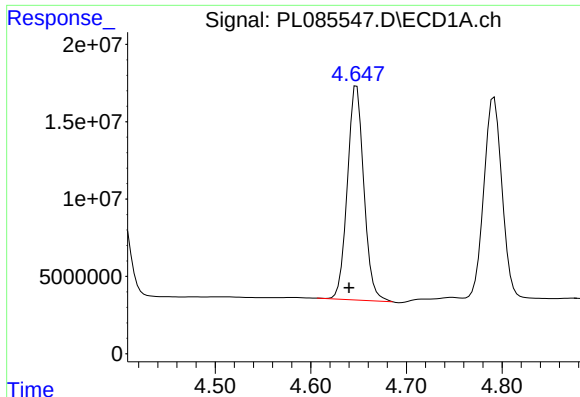
#6 beta-BHC

R.T.: 4.403 min
Delta R.T.: 0.008 min
Response: 72376160
Conc: 46.35 ng/ml



#6 beta-BHC

R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 33727014
Conc: 50.01 ng/ml



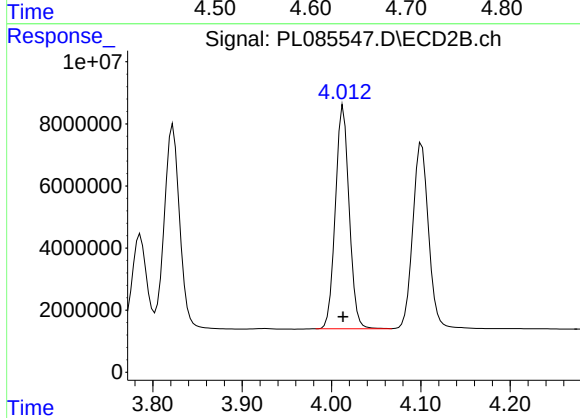
#7 delta-BHC

R.T.: 4.648 min
Delta R.T.: 0.008 min
Response: 166433119
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

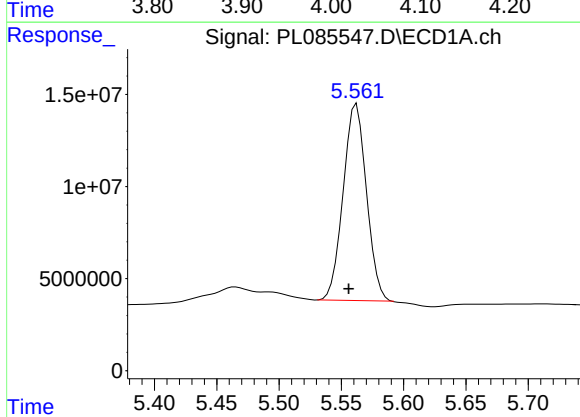
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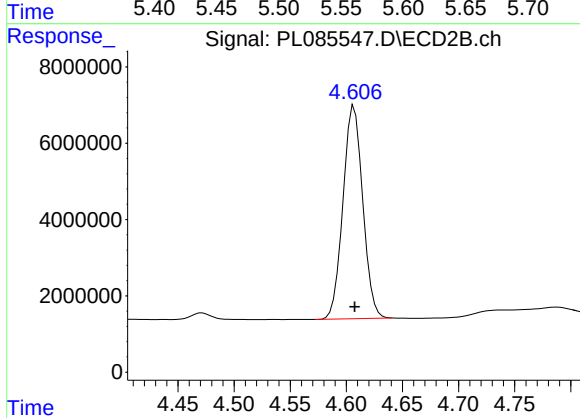
#7 delta-BHC

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 77021175
Conc: 49.74 ng/ml



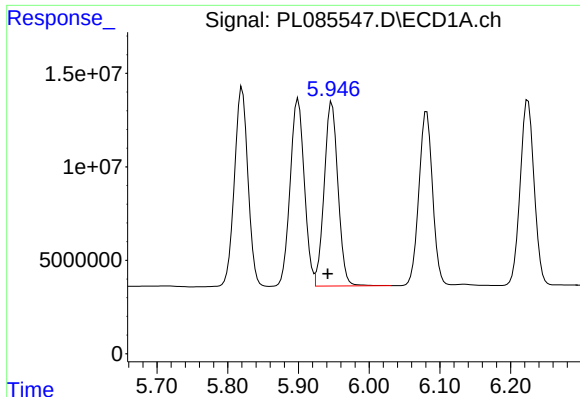
#8 Heptachlor epoxide

R.T.: 5.562 min
Delta R.T.: 0.006 min
Response: 139015818
Conc: 48.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 68397906
Conc: 50.74 ng/ml



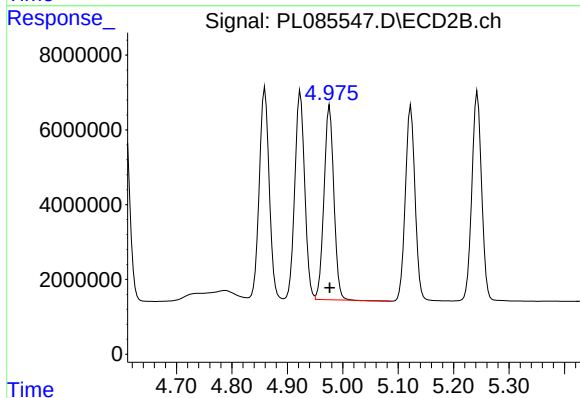
#9 Endosulfan I

R.T.: 5.947 min
Delta R.T.: 0.006 min
Response: 133932798
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

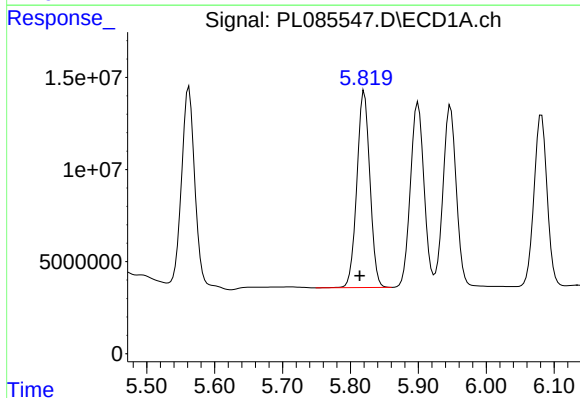
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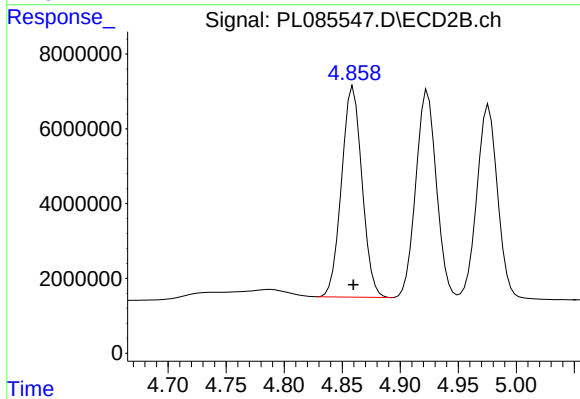
#9 Endosulfan I

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 64008595
Conc: 50.10 ng/ml



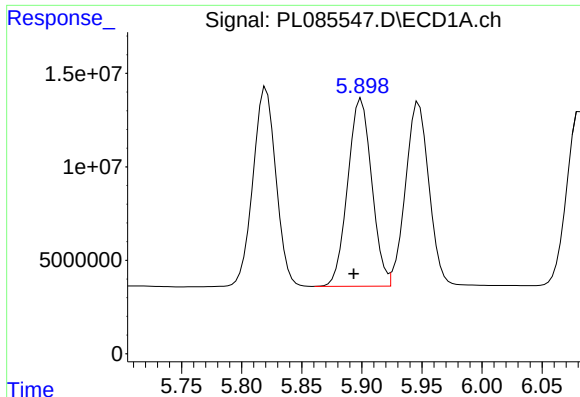
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: 0.007 min
Response: 141984329
Conc: 48.93 ng/ml



#10 gamma-Chlordane

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 69044955
Conc: 51.47 ng/ml



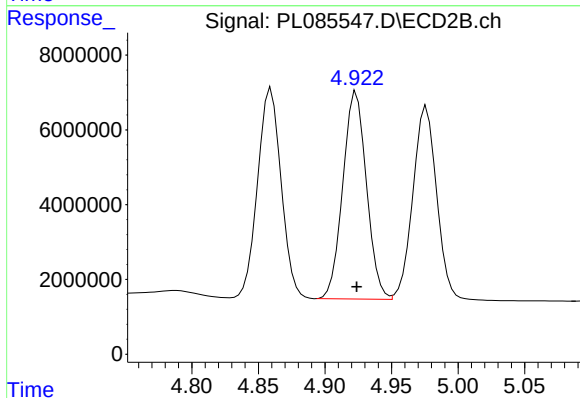
#11 alpha-Chlordane

R.T.: 5.900 min
Delta R.T.: 0.006 min
Response: 139484692
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

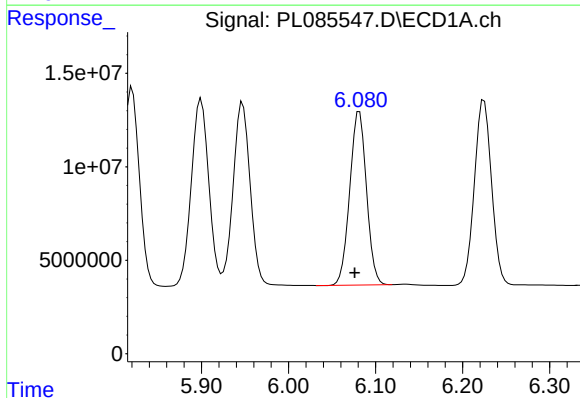
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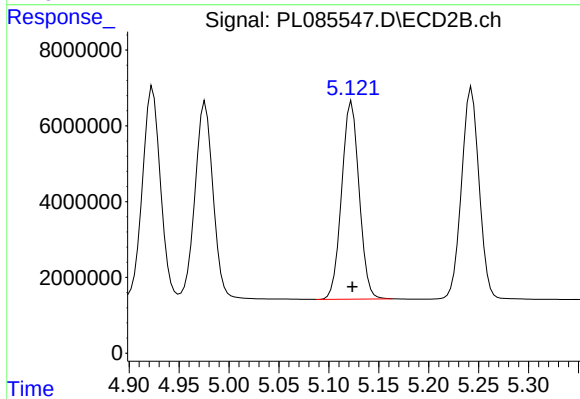
#11 alpha-Chlordane

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 68599733
Conc: 49.90 ng/ml



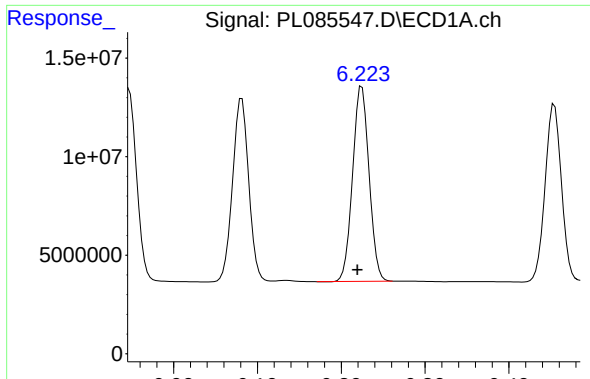
#12 4,4'-DDE

R.T.: 6.081 min
Delta R.T.: 0.005 min
Response: 124198500
Conc: 50.00 ng/ml



#12 4,4'-DDE

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 63584979
Conc: 52.82 ng/ml



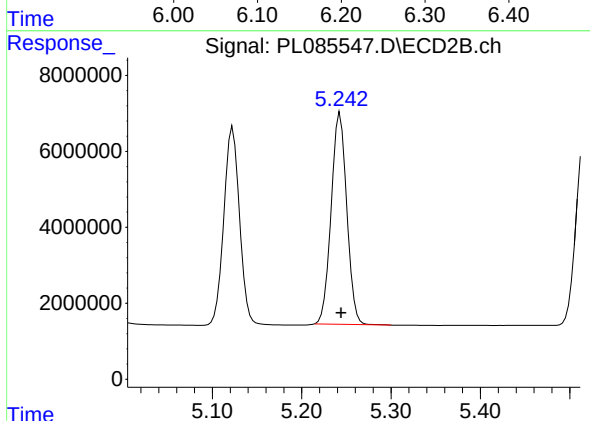
#13 Dieldrin

R.T.: 6.225 min
Delta R.T.: 0.005 min
Response: 135267659
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

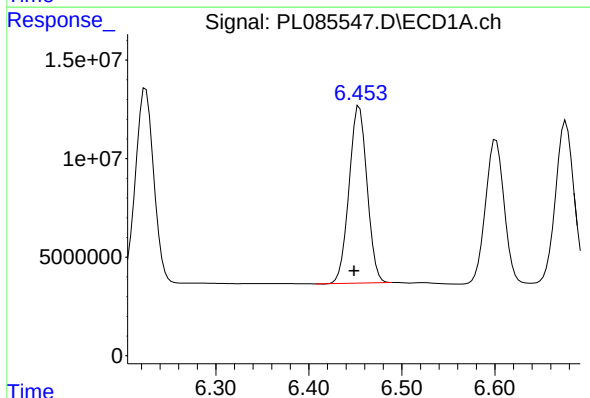
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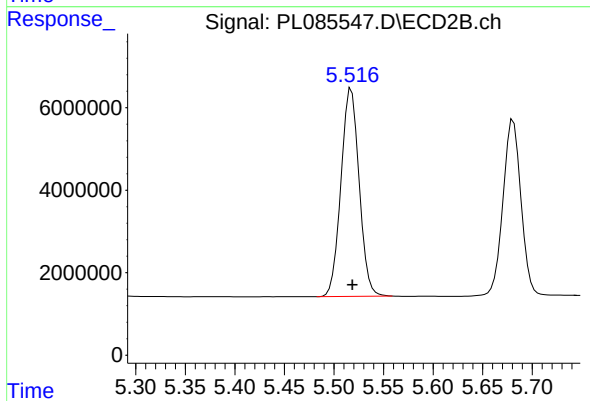
#13 Dieldrin

R.T.: 5.243 min
Delta R.T.: -0.001 min
Response: 67619866
Conc: 49.48 ng/ml



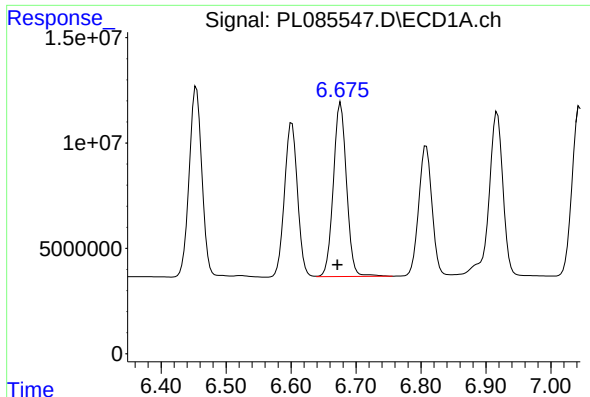
#14 Endrin

R.T.: 6.454 min
Delta R.T.: 0.006 min
Response: 120813203
Conc: 50.70 ng/ml



#14 Endrin

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 64413519
Conc: 53.34 ng/ml



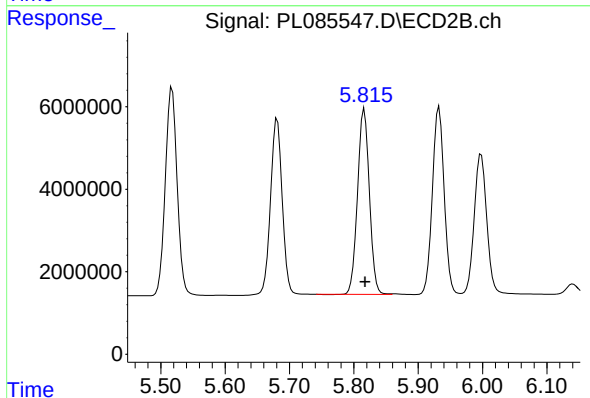
#15 Endosulfan II

R.T.: 6.676 min
Delta R.T.: 0.005 min
Response: 116107370
Conc: 44.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

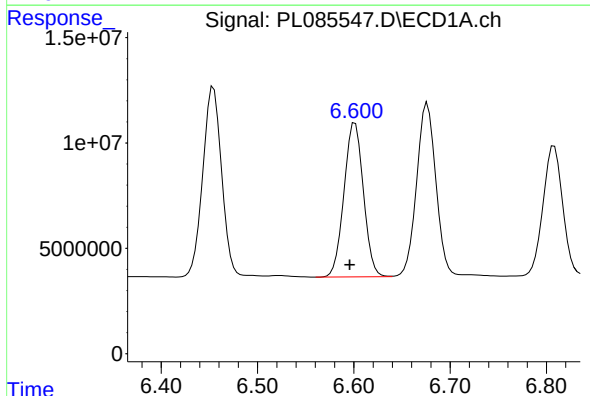
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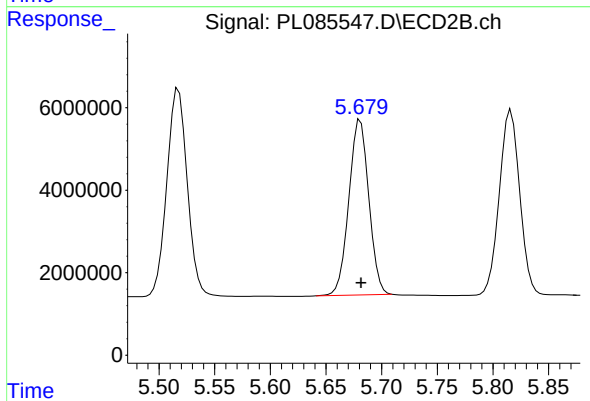
#15 Endosulfan II

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 57594310
Conc: 47.80 ng/ml



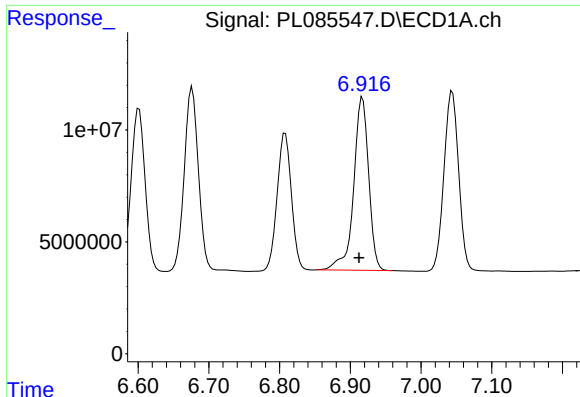
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: 0.005 min
Response: 102012530
Conc: 50.86 ng/ml



#16 4,4'-DDD

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 53155793
Conc: 53.00 ng/ml



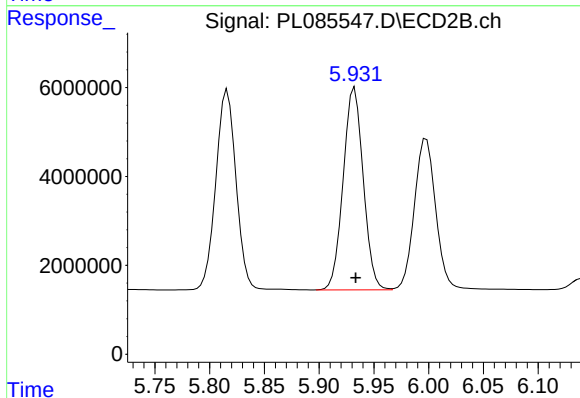
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.005 min
Response: 114196569
Conc: 54.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

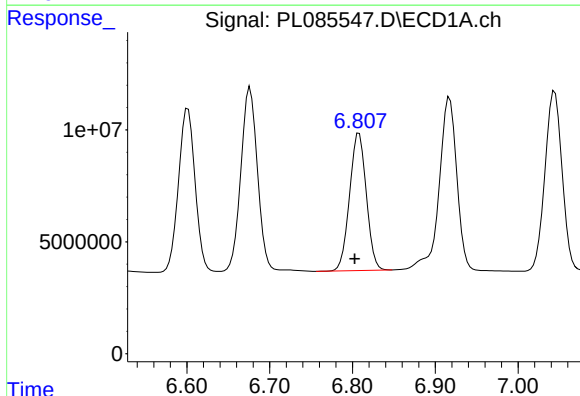
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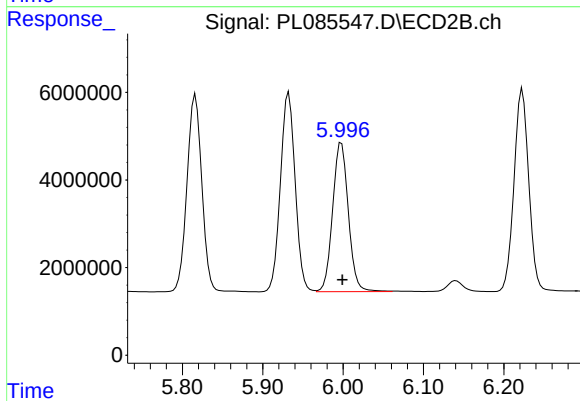
#17 4,4'-DDT

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 58022097
Conc: 54.04 ng/ml



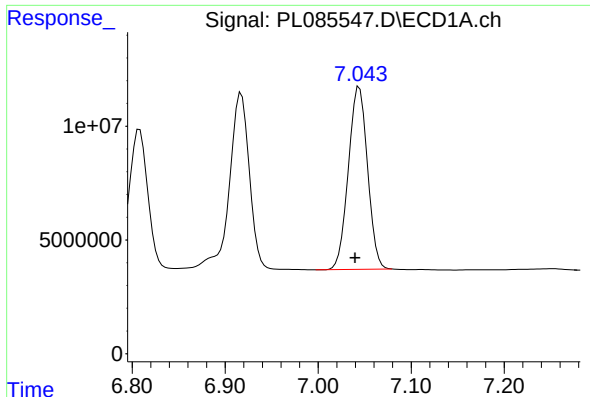
#18 Endrin aldehyde

R.T.: 6.808 min
Delta R.T.: 0.005 min
Response: 86064660
Conc: 47.73 ng/ml



#18 Endrin aldehyde

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 46388021
Conc: 47.19 ng/ml



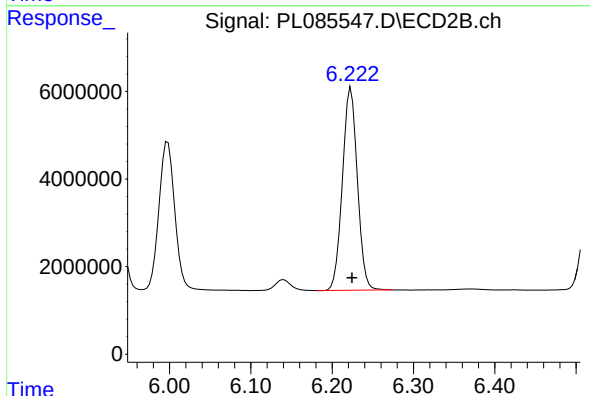
#19 Endosulfan Sulfate

R.T.: 7.044 min
Delta R.T.: 0.005 min
Response: 115152124
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

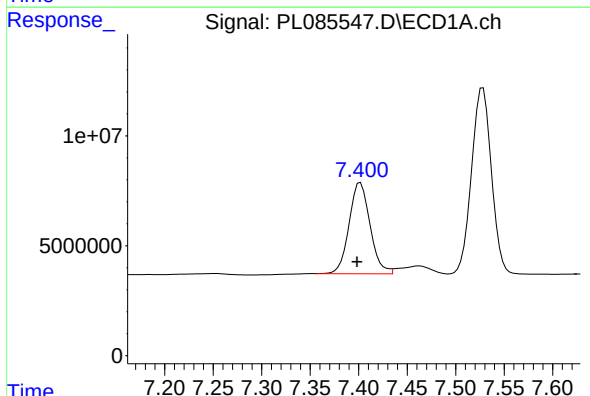
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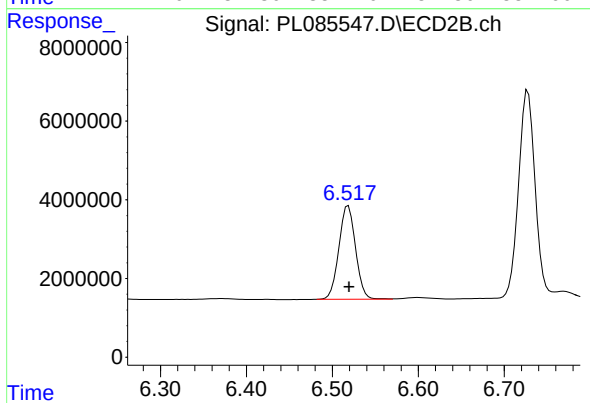
#19 Endosulfan Sulfate

R.T.: 6.223 min
Delta R.T.: -0.001 min
Response: 58921897
Conc: 52.00 ng/ml



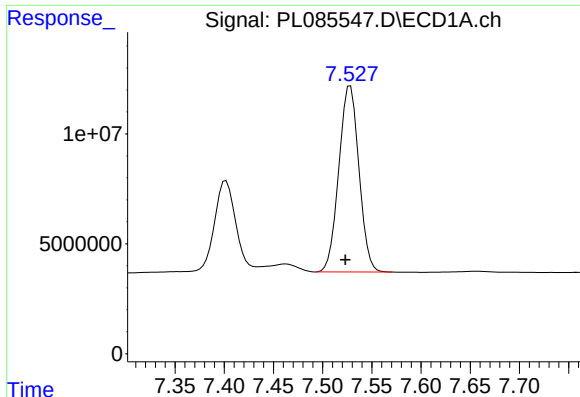
#20 Methoxychlor

R.T.: 7.402 min
Delta R.T.: 0.004 min
Response: 62271755
Conc: 46.75 ng/ml



#20 Methoxychlor

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 31994939
Conc: 50.46 ng/ml



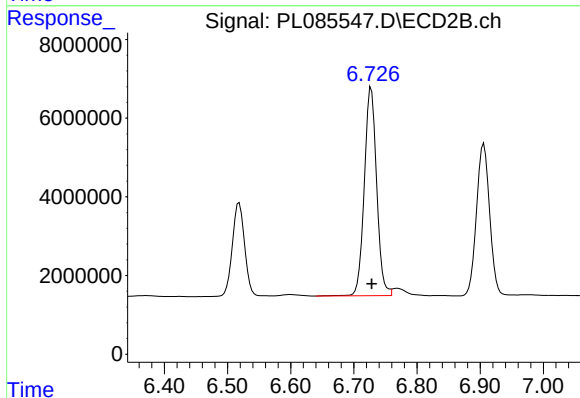
#21 Endrin ketone

R.T.: 7.528 min
Delta R.T.: 0.005 min
Response: 120390436
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

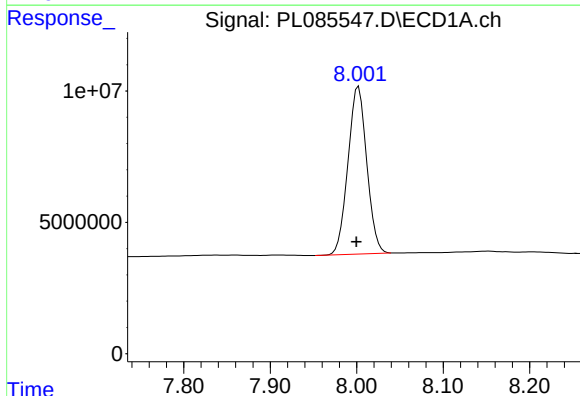
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Supervised By :Ankita Jodhani 09/28/2023



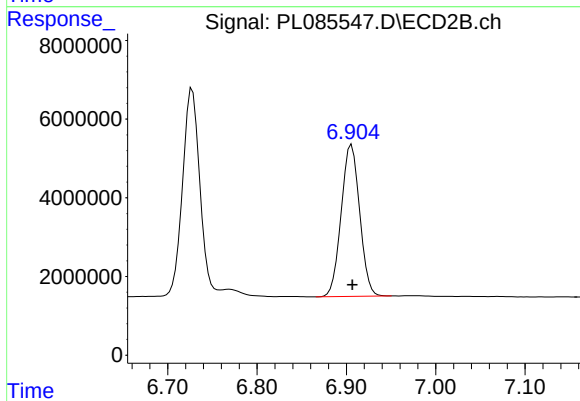
#21 Endrin ketone

R.T.: 6.728 min
Delta R.T.: -0.001 min
Response: 71684588
Conc: 45.80 ng/ml



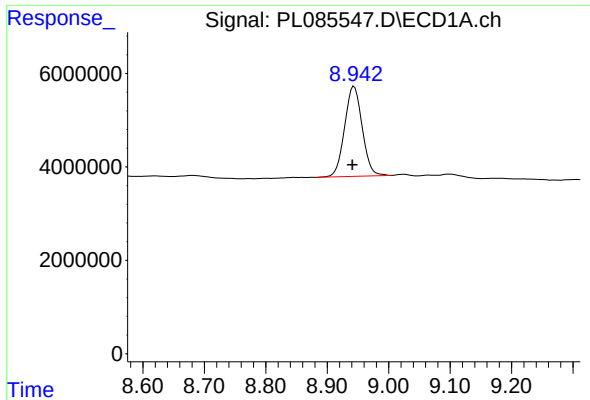
#22 Mirex

R.T.: 8.002 min
Delta R.T.: 0.002 min
Response: 96064989
Conc: 48.61 ng/ml



#22 Mirex

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 55488832
Conc: 49.11 ng/ml



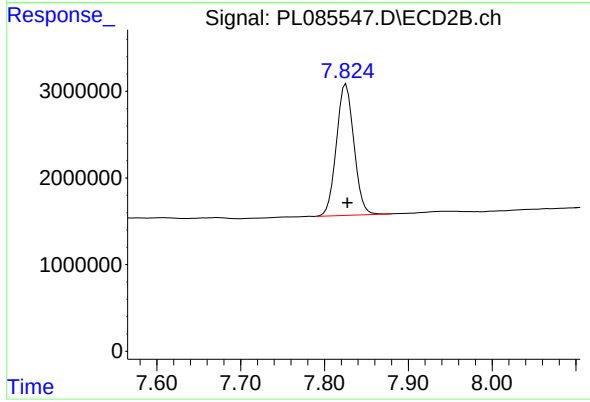
#28 Decachlorobiphenyl

R.T.: 8.944 min
Delta R.T.: 0.003 min
Response: 38330958
Conc: 18.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAMPLE-1MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/28/2023
Supervised By :Ankita Jodhani 09/28/2023



#28 Decachlorobiphenyl

R.T.: 7.826 min
Delta R.T.: -0.002 min
Response: 21988077
Conc: 18.52 ng/ml