

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091623\
 Data File : PL085372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2023 18:05
 Operator : AR\AJ
 Sample : 04441-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11976MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/18/2023
 Supervised By : Ankita Jodhani 09/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 02:11:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 05 15:22:36 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...	3.475	2.682	47522553	22230738	19.429	19.566
28) SA Decachlor...	9.023	7.858	29207476	25247954	18.163	18.968m
Target Compounds						
2) A alpha-BHC	3.931	3.187	162.5E6	81920786	47.151m	50.089
3) MA gamma-BHC...	4.265	3.518	153.1E6	79275730	46.131m	49.672
4) MA Heptachlor	4.858	3.858	160.4E6	77100671	48.632	50.803
5) MB Aldrin	5.201	4.137	133.9E6	74079629	43.559	48.460
6) B beta-BHC	4.465	3.820	66141913	33223803	46.799m	48.963
7) B delta-BHC	4.713	4.048	175.1E6	76818038	55.395	49.128
8) B Heptachlo...	5.630	4.644	124.8E6	67015280	47.799	48.834
9) A Endosulfan I	6.017	5.014	114.9E6	64582156	47.861	46.820
10) B gamma-Chl...	5.888	4.895	147.3E6	77137584	56.714	55.925m
11) B alpha-Chl...	5.969	4.961	159.7E6	80374188	62.059	53.784
12) B 4,4'-DDE	6.147	5.159	108.7E6	71088337	52.305	57.143
13) MA Dieldrin	6.293	5.279	110.4E6	65363951	45.312	46.494m
14) MA Endrin	6.523	5.556	87222320	61166119	42.225	47.853
15) B Endosulfa...	6.744	5.854	83859309	60486285	41.442	48.849
16) A 4,4'-DDD	6.665	5.716	81436966	52322039	52.893m	49.802
17) MA 4,4'-DDT	6.982	5.968	94946959	70475418	56.362	60.450
18) B Endrin al...	6.874	6.036	60238492	51678618	39.189	50.594 #
19) B Endosulfa...	7.111	6.258	79801095	52885572	42.633	44.071m
20) A Methoxychlor	7.463	6.553	41112849	36319643	45.248	53.989
21) B Endrin ke...	7.595	6.764	84422179	64069028	43.097	43.437
22) Mirex	8.071	6.944	70864944	47214939	42.550	39.870

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091623\
Data File : PL085372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Sep 2023 18:05
Operator : AR\AJ
Sample : 04441-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

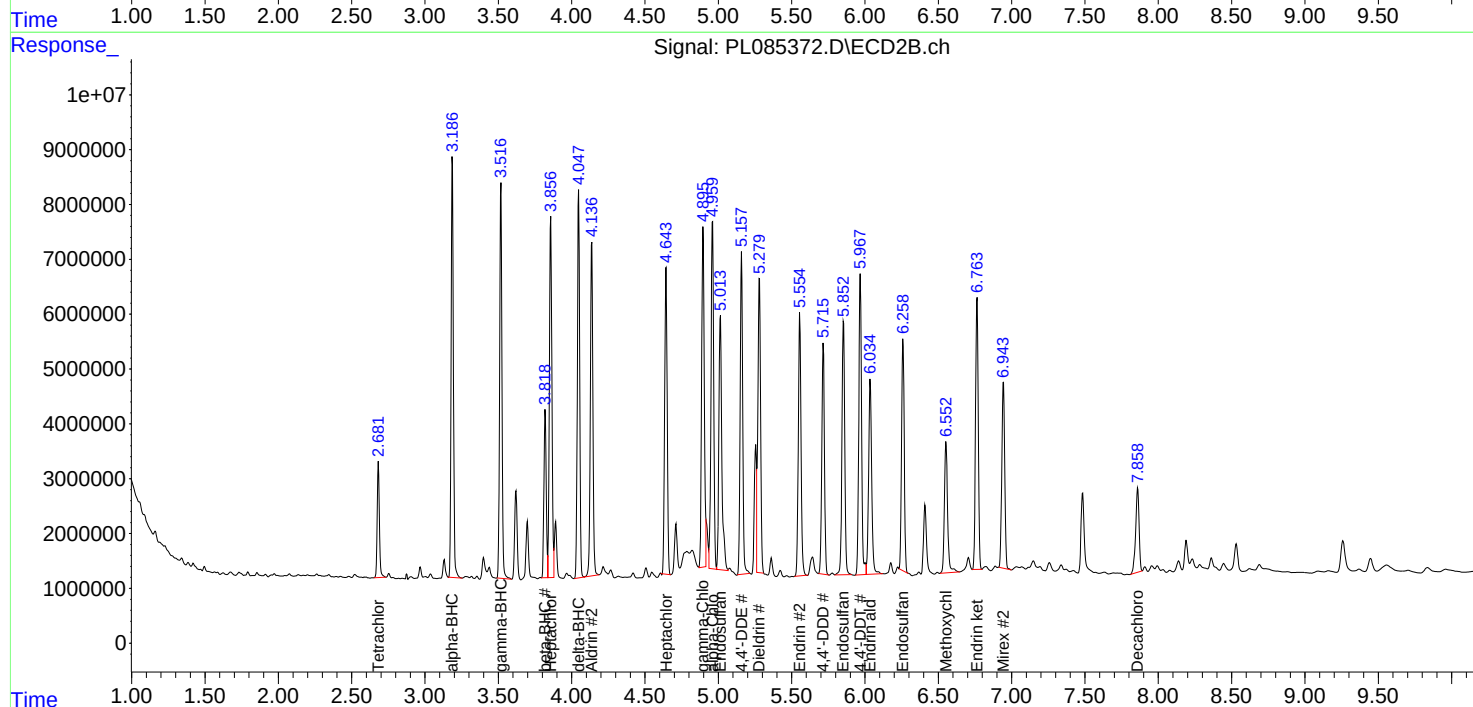
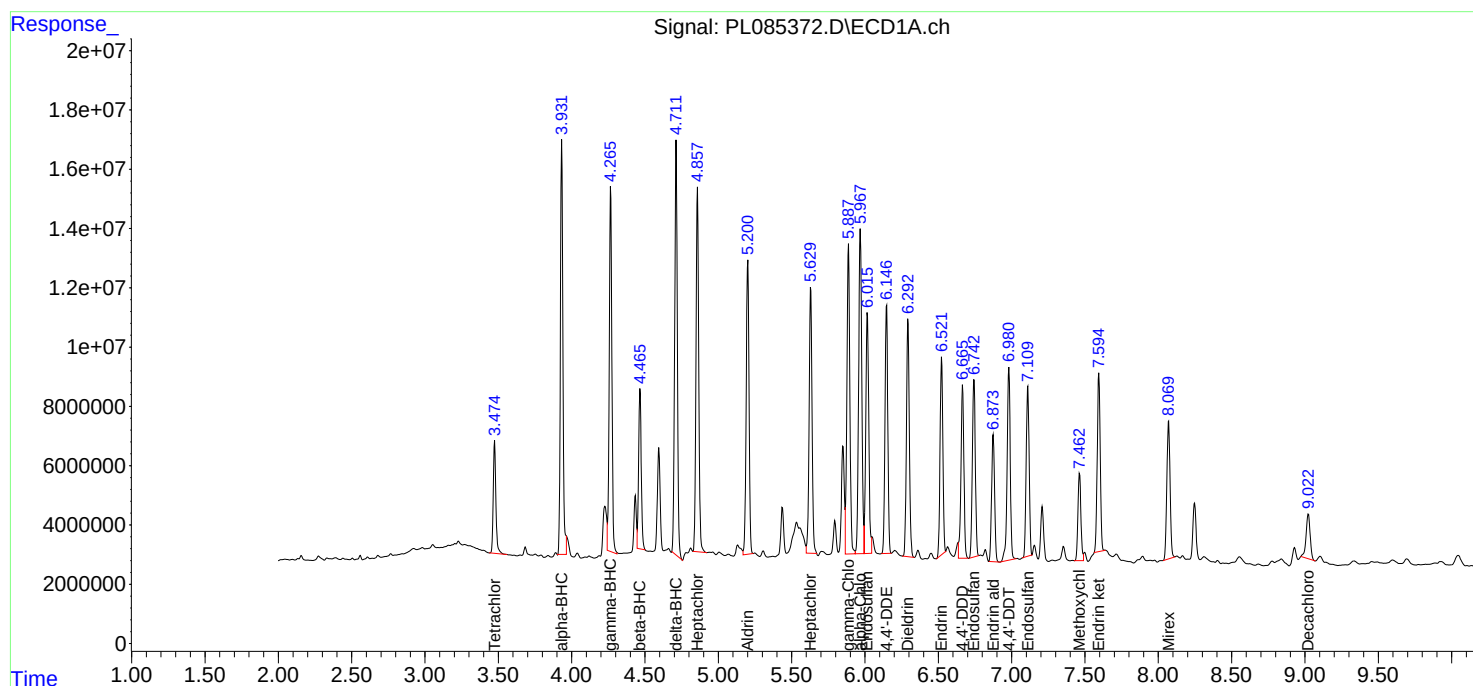
Instrument :
ECD_L
ClientSampleId :
72-11976MSD

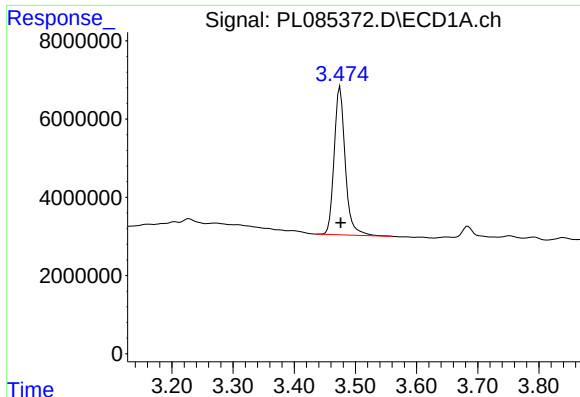
Manual Integrations
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Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 16 02:11:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 05 15:22:36 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





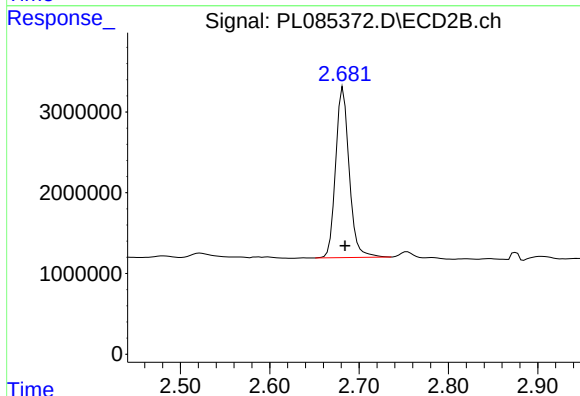
#1 Tetrachloro-m-xylene

R.T.: 3.475 min
Delta R.T.: 0.000 min
Response: 47522553
Conc: 19.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

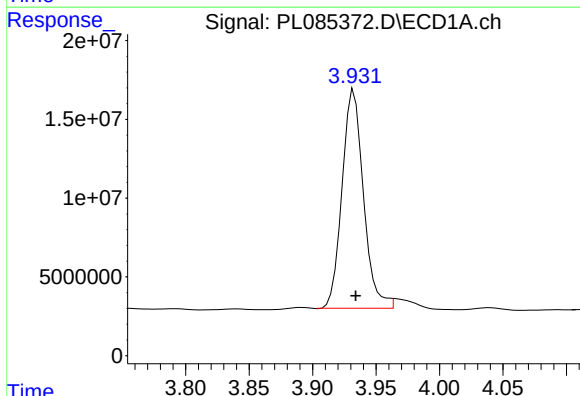
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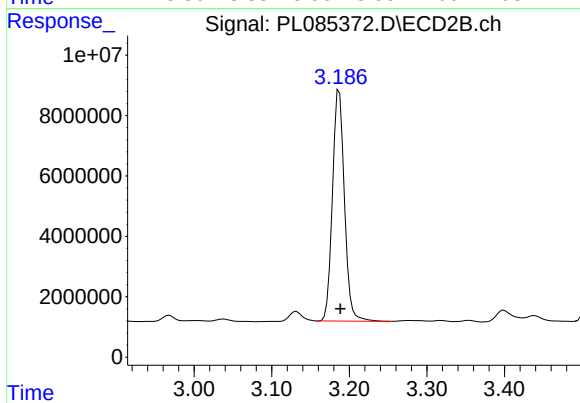
#1 Tetrachloro-m-xylene

R.T.: 2.682 min
Delta R.T.: -0.002 min
Response: 22230738
Conc: 19.57 ng/ml



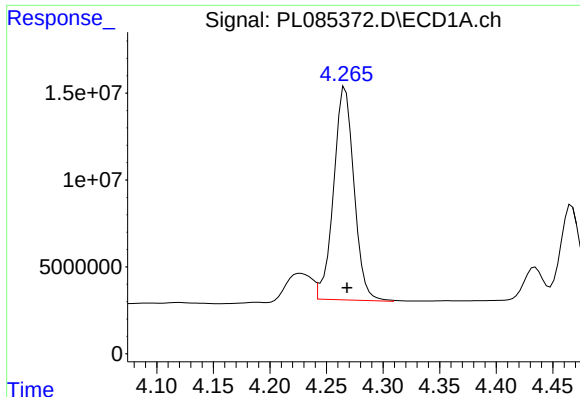
#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 162473562
Conc: 47.15 ng/ml m



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.001 min
Response: 81920786
Conc: 50.09 ng/ml



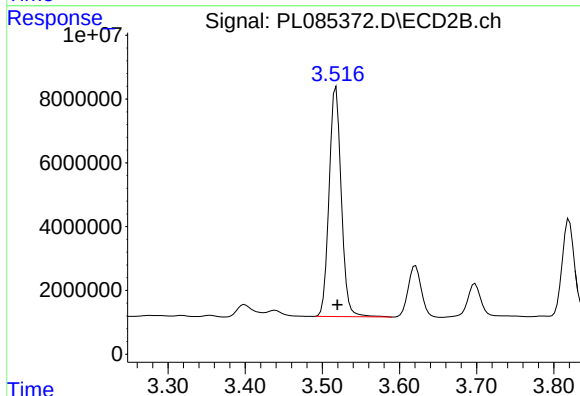
#3 gamma-BHC (Lindane)

R.T.: 4.265 min
Delta R.T.: -0.003 min
Response: 153141480
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

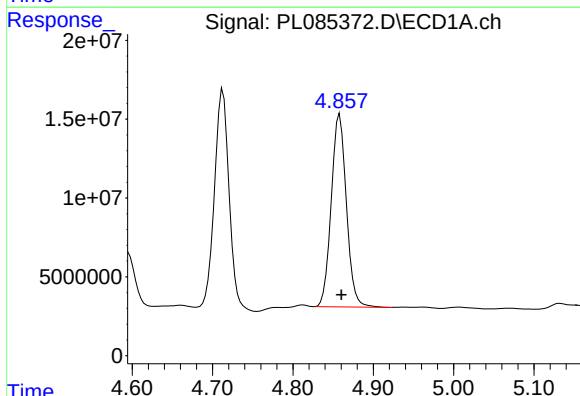
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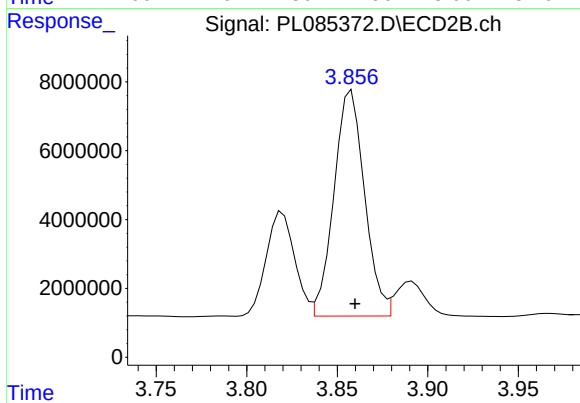
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 79275730
Conc: 49.67 ng/ml



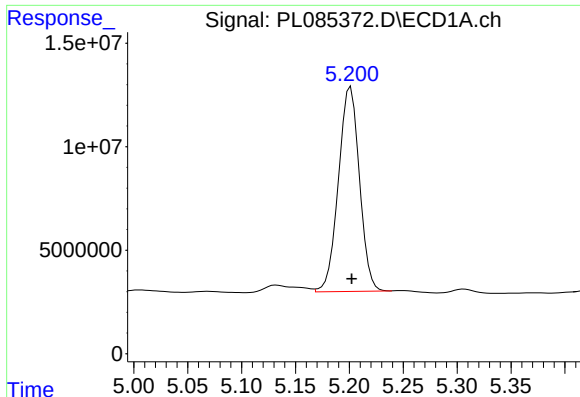
#4 Heptachlor

R.T.: 4.858 min
Delta R.T.: -0.002 min
Response: 160356303
Conc: 48.63 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.002 min
Response: 77100671
Conc: 50.80 ng/ml



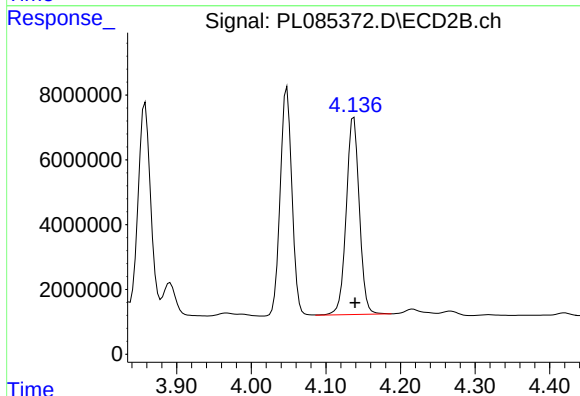
#5 Aldrin

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 133937277
Conc: 43.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

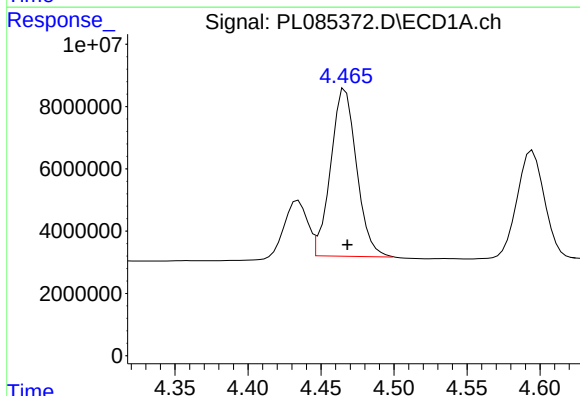
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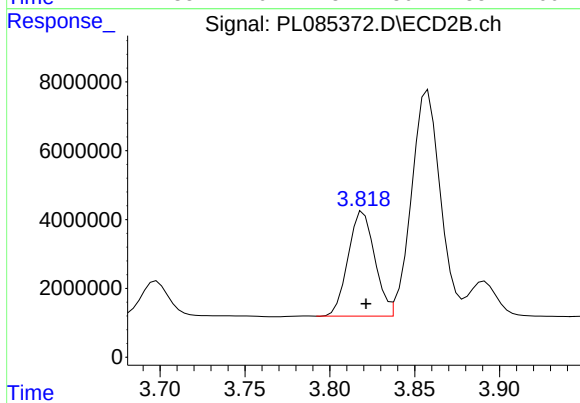
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 74079629
Conc: 48.46 ng/ml



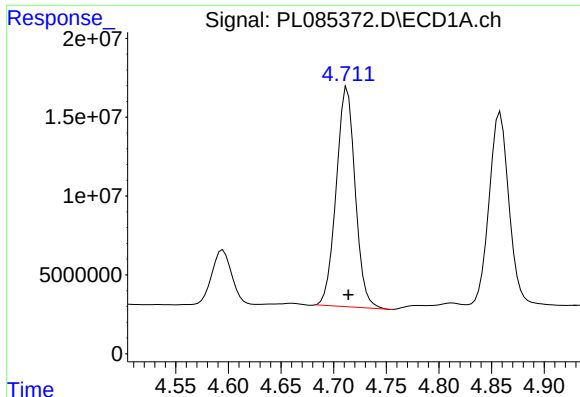
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 66141913
Conc: 46.80 ng/ml m



#6 beta-BHC

R.T.: 3.820 min
Delta R.T.: -0.002 min
Response: 33223803
Conc: 48.96 ng/ml



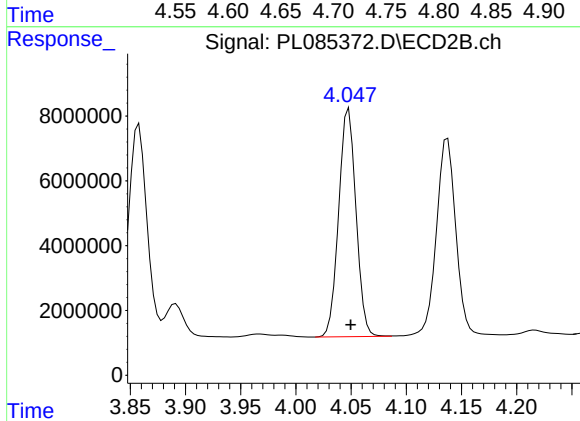
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: -0.001 min
Response: 175079678
Conc: 55.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

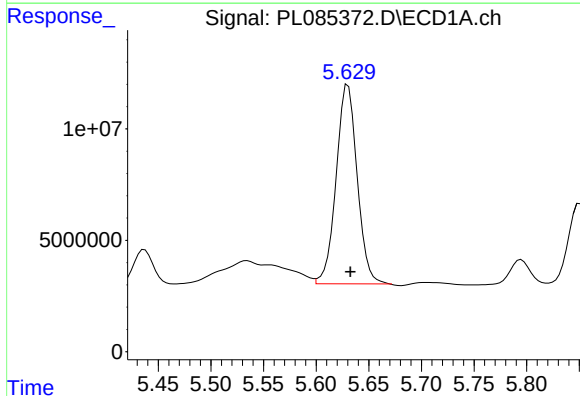
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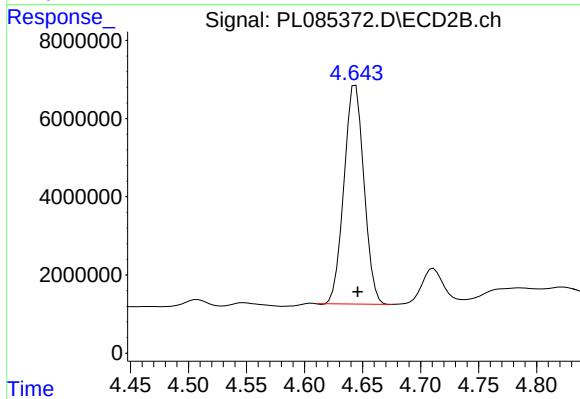
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.002 min
Response: 76818038
Conc: 49.13 ng/ml



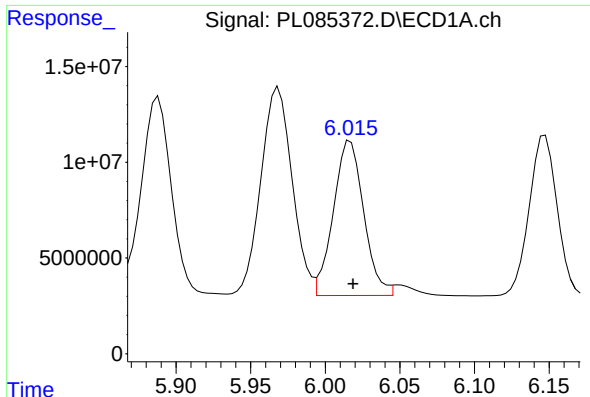
#8 Heptachlor epoxide

R.T.: 5.630 min
Delta R.T.: -0.002 min
Response: 124752663
Conc: 47.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.002 min
Response: 67015280
Conc: 48.83 ng/ml



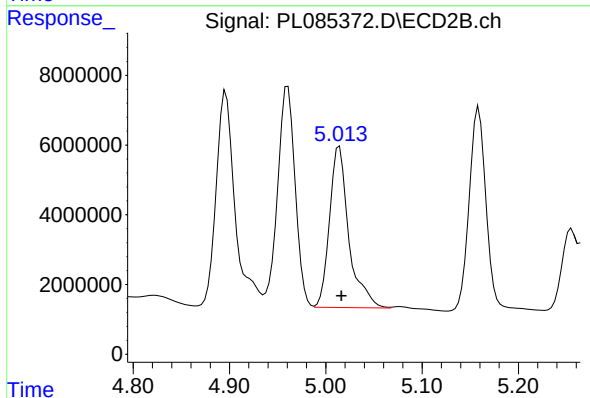
#9 Endosulfan I

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 114946263
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

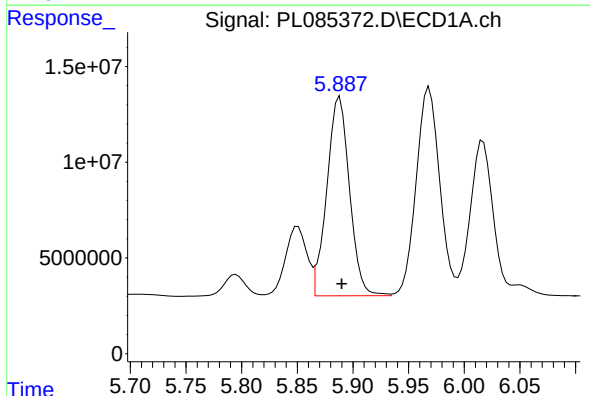
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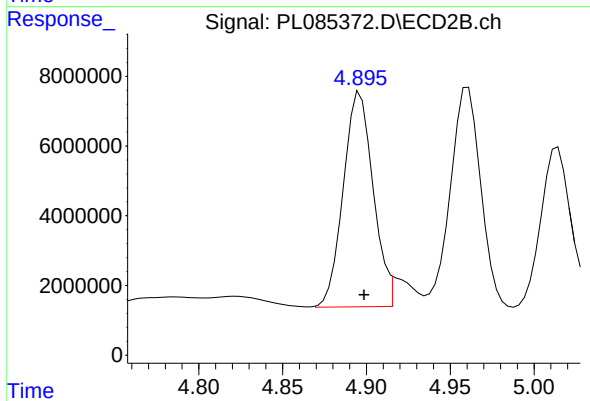
#9 Endosulfan I

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 64582156
Conc: 46.82 ng/ml



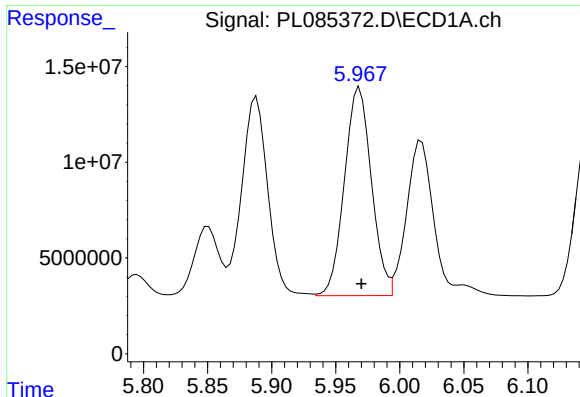
#10 gamma-Chlordane

R.T.: 5.888 min
Delta R.T.: -0.002 min
Response: 147329675
Conc: 56.71 ng/ml



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: -0.004 min
Response: 77137584
Conc: 55.93 ng/ml m



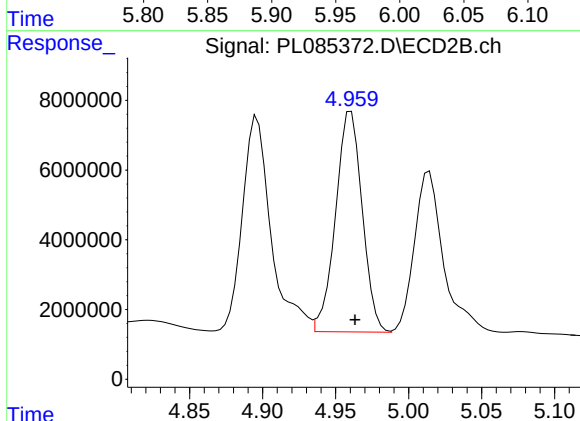
#11 alpha-Chlordane

R.T.: 5.969 min
Delta R.T.: -0.001 min
Response: 159679939
Conc: 62.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

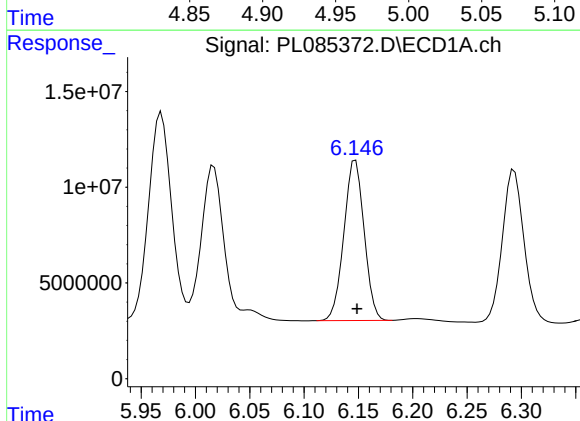
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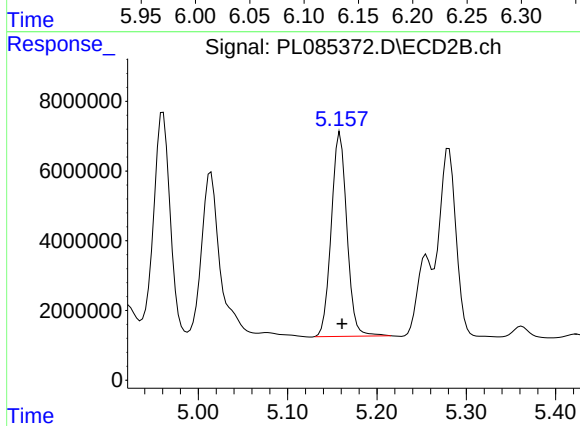
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 80374188
Conc: 53.78 ng/ml



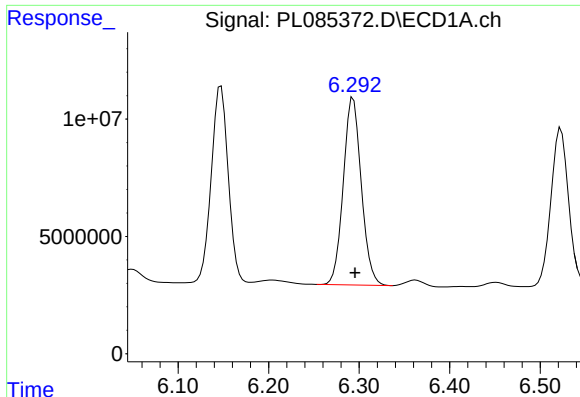
#12 4,4'-DDE

R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 108726088
Conc: 52.30 ng/ml



#12 4,4'-DDE

R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 71088337
Conc: 57.14 ng/ml



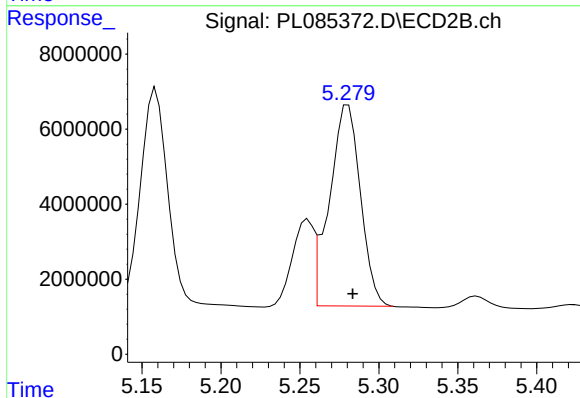
#13 Dieldrin

R.T.: 6.293 min
Delta R.T.: -0.002 min
Response: 110402450
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

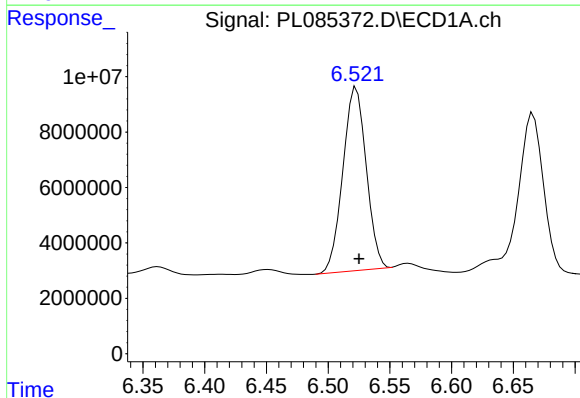
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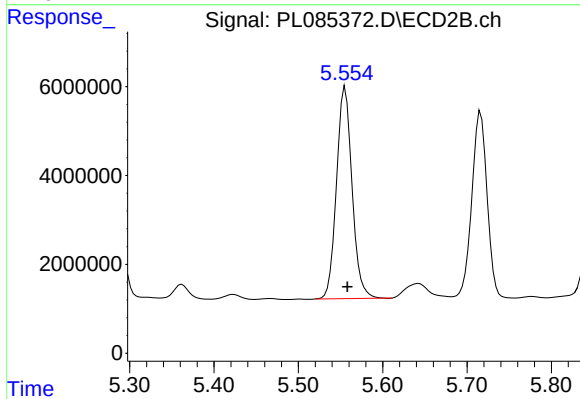
#13 Dieldrin

R.T.: 5.279 min
Delta R.T.: -0.004 min
Response: 65363951
Conc: 46.49 ng/ml m



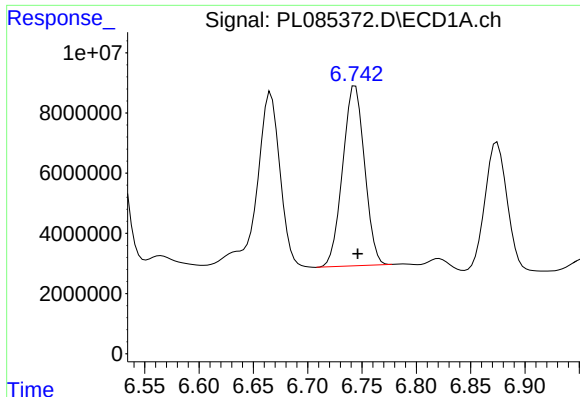
#14 Endrin

R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 87222320
Conc: 42.23 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.003 min
Response: 61166119
Conc: 47.85 ng/ml



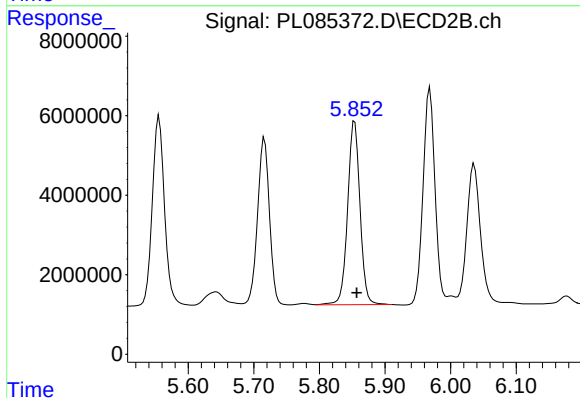
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 83859309
Conc: 41.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

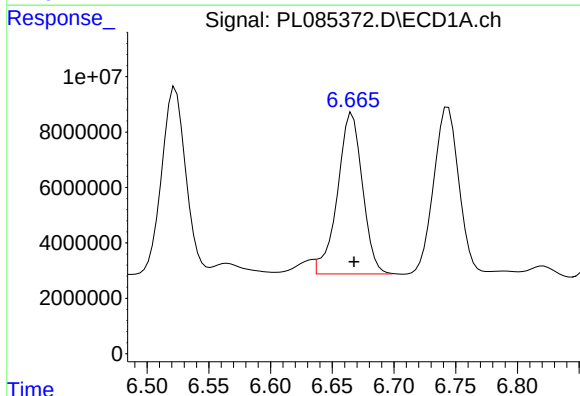
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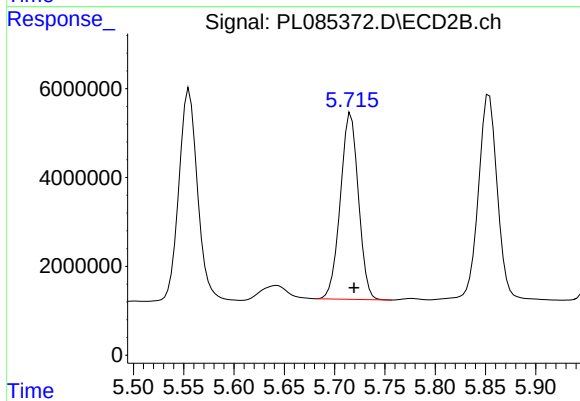
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 60486285
Conc: 48.85 ng/ml



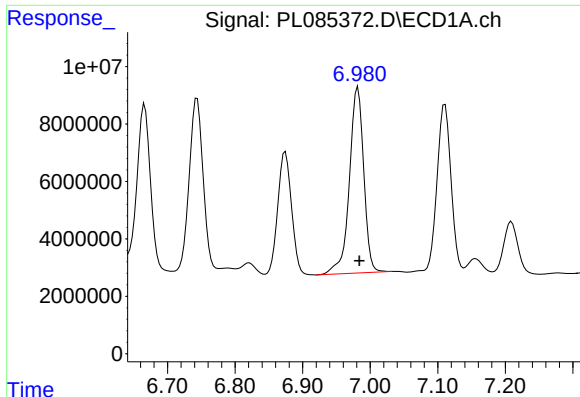
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 81436966
Conc: 52.89 ng/ml m



#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 52322039
Conc: 49.80 ng/ml



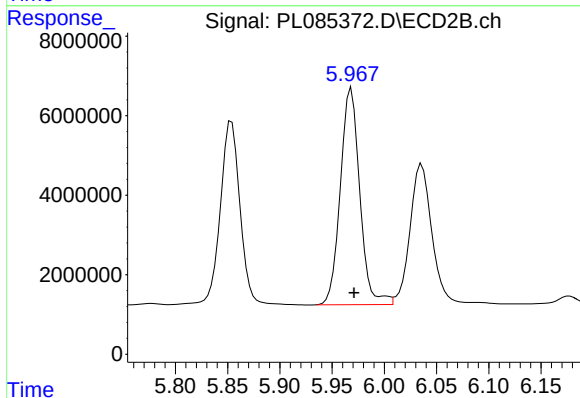
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 94946959
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

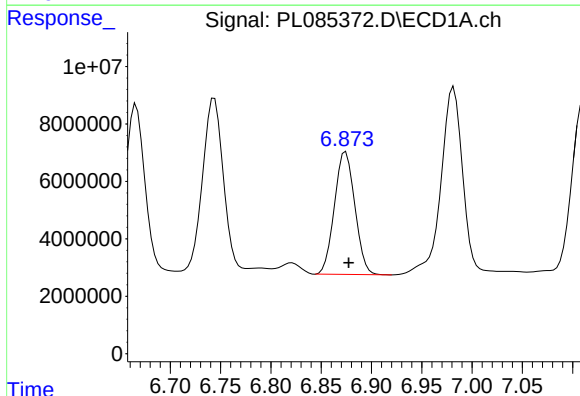
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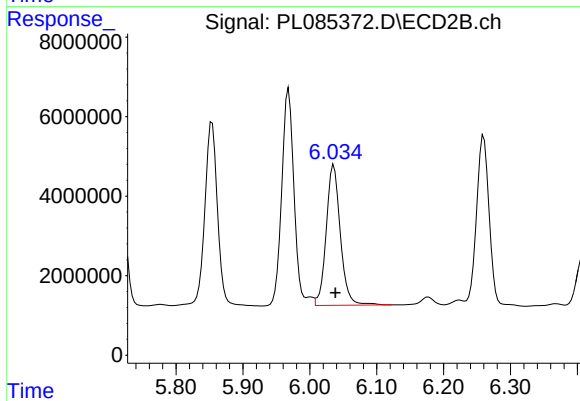
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.003 min
Response: 70475418
Conc: 60.45 ng/ml



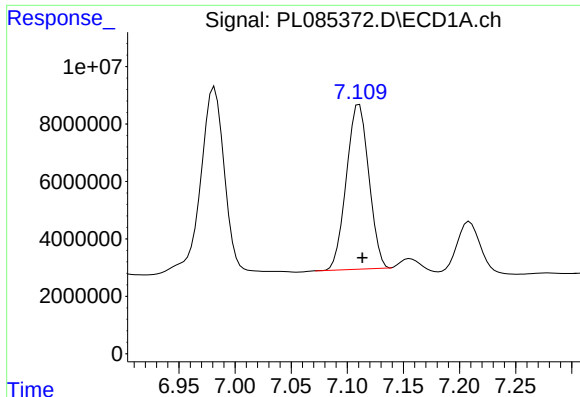
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 60238492
Conc: 39.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 51678618
Conc: 50.59 ng/ml



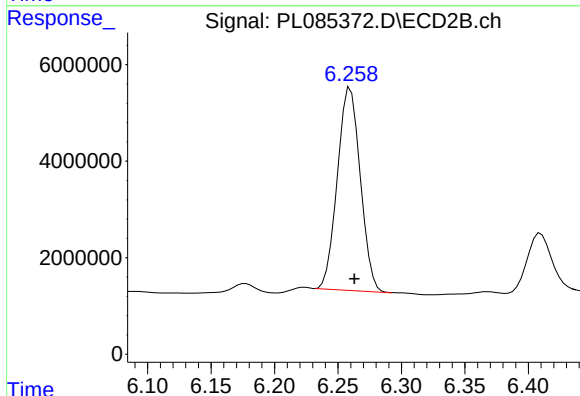
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: -0.003 min
Response: 79801095
Conc: 42.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

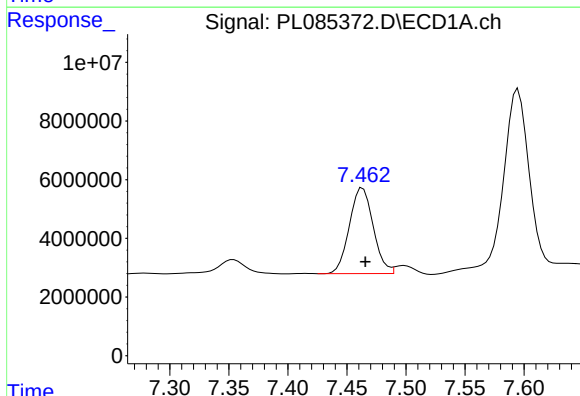
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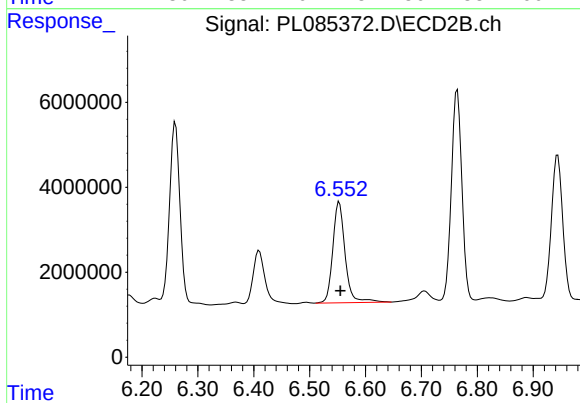
#19 Endosulfan Sulfate

R.T.: 6.258 min
Delta R.T.: -0.005 min
Response: 52885572
Conc: 44.07 ng/ml m



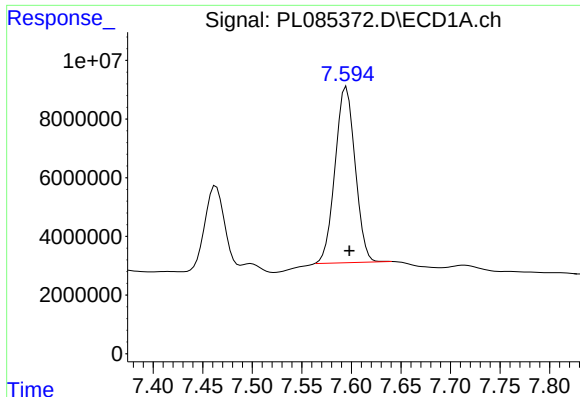
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 41112849
Conc: 45.25 ng/ml



#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: -0.002 min
Response: 36319643
Conc: 53.99 ng/ml



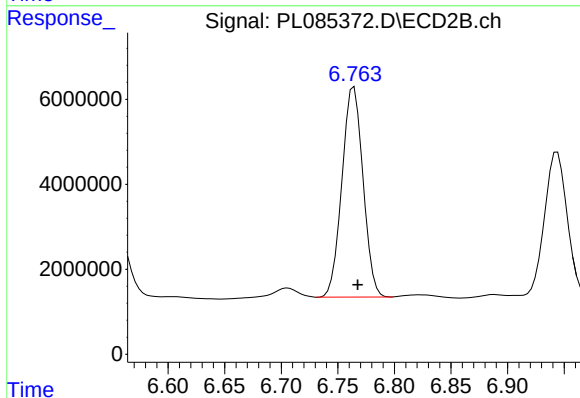
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: -0.003 min
Response: 84422179
Conc: 43.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

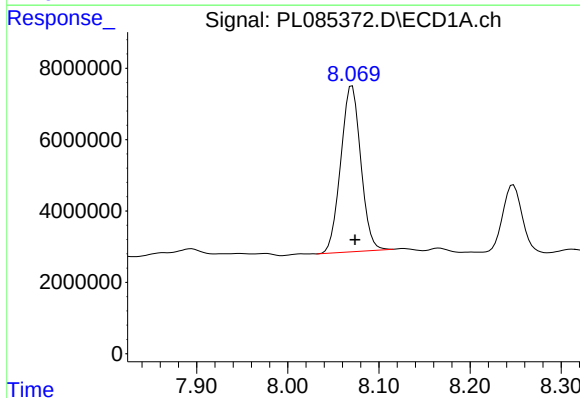
Manual Integrations
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Reviewed By :Abdul Mirza 09/18/2023
Supervised By :Ankita Jodhani 09/18/2023



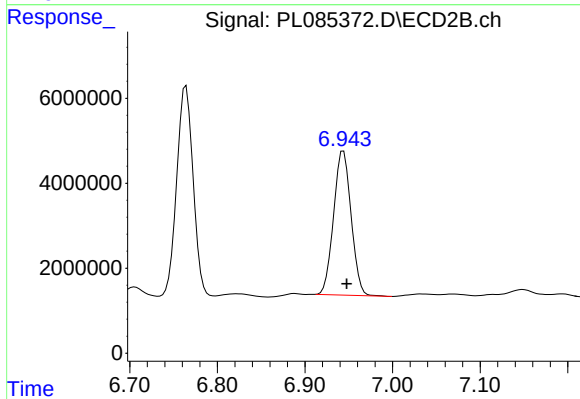
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.003 min
Response: 64069028
Conc: 43.44 ng/ml



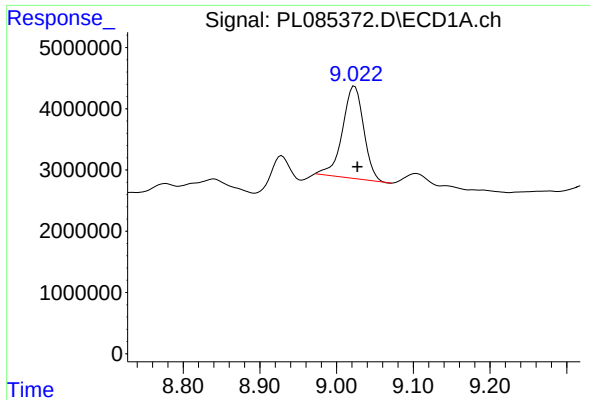
#22 Mirex

R.T.: 8.071 min
Delta R.T.: -0.003 min
Response: 70864944
Conc: 42.55 ng/ml



#22 Mirex

R.T.: 6.944 min
Delta R.T.: -0.004 min
Response: 47214939
Conc: 39.87 ng/ml



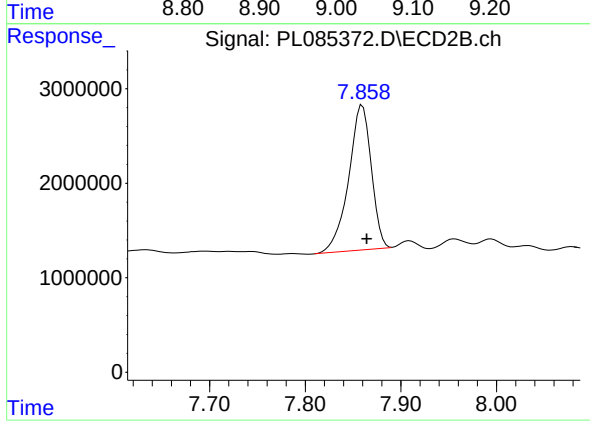
#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: -0.004 min
Response: 29207476
Conc: 18.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11976MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.858 min
Delta R.T.: -0.006 min
Response: 25247954
Conc: 18.97 ng/ml m