

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112823\
 Data File : PL086846.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Nov 2023 14:36
 Operator : AR\AJ
 Sample : 05553-01MS 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-01-112723

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :Ankita Jodhani 11/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 28 20:02:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.351	2.617	6444136	1917918	1.985	1.948
28) SA Decachlor...	8.855	7.768	5040519	2194456	1.722	1.817
Target Compounds						
2) A alpha-BHC	3.805	3.115	18870792	5083680	3.923	3.814
3) MA gamma-BHC...	4.137	3.442	19183929	5171294	4.078	3.897
4) MA Heptachlor	4.723	3.777	20311262	5757530	4.452	4.301m
5) MB Aldrin	5.063	4.054	18834075	5935491	4.160	4.561
6) B beta-BHC	4.341	3.745	10362540	2889189	5.123	4.847
7) B delta-BHC	4.582	3.969	17374999	4797632	3.784m	3.667
8) B Heptachlo...	5.492	4.559	13853921	5124536	3.564m	4.267
9) A Endosulfan I	5.877	4.925	16605514	5248194	4.426	4.564m
10) B gamma-Chl...	5.751	4.809	17636755	5883313	4.305	4.769m
11) B alpha-Chl...	5.830	4.873	17522183	5388515	4.316	4.309m
12) B 4,4'-DDE	6.014	5.074	14197304	4365656	4.093	4.253
13) MA Dieldrin	6.155	5.193	15166806	4723895	3.857	3.959
14) MA Endrin	6.383	5.466	13618003	4445792	3.954	4.059
15) B Endosulfa...	6.607	5.764	17306551	4455442	4.869	4.059
16) A 4,4'-DDD	6.534	5.629	11862730	3372258	4.455	3.958m
17) MA 4,4'-DDT	6.849	5.881	12314604	3802296	4.154	3.890
18) B Endrin al...	6.738	5.945	10402041	4492401	3.924	4.796m
19) B Endosulfa...	6.974	6.170	14179322	4804409	4.225	4.423
20) A Methoxychlor	7.335	6.466	5559438	2693643	3.484	4.503 #
21) B Endrin ke...	7.456	6.671	13492454	5009463	3.959	3.910m
22) Mirex	7.929	6.849	12593488	5060997	4.459	4.452

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112823\
Data File : PL086846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Nov 2023 14:36
Operator : AR\AJ
Sample : 05553-01MS 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

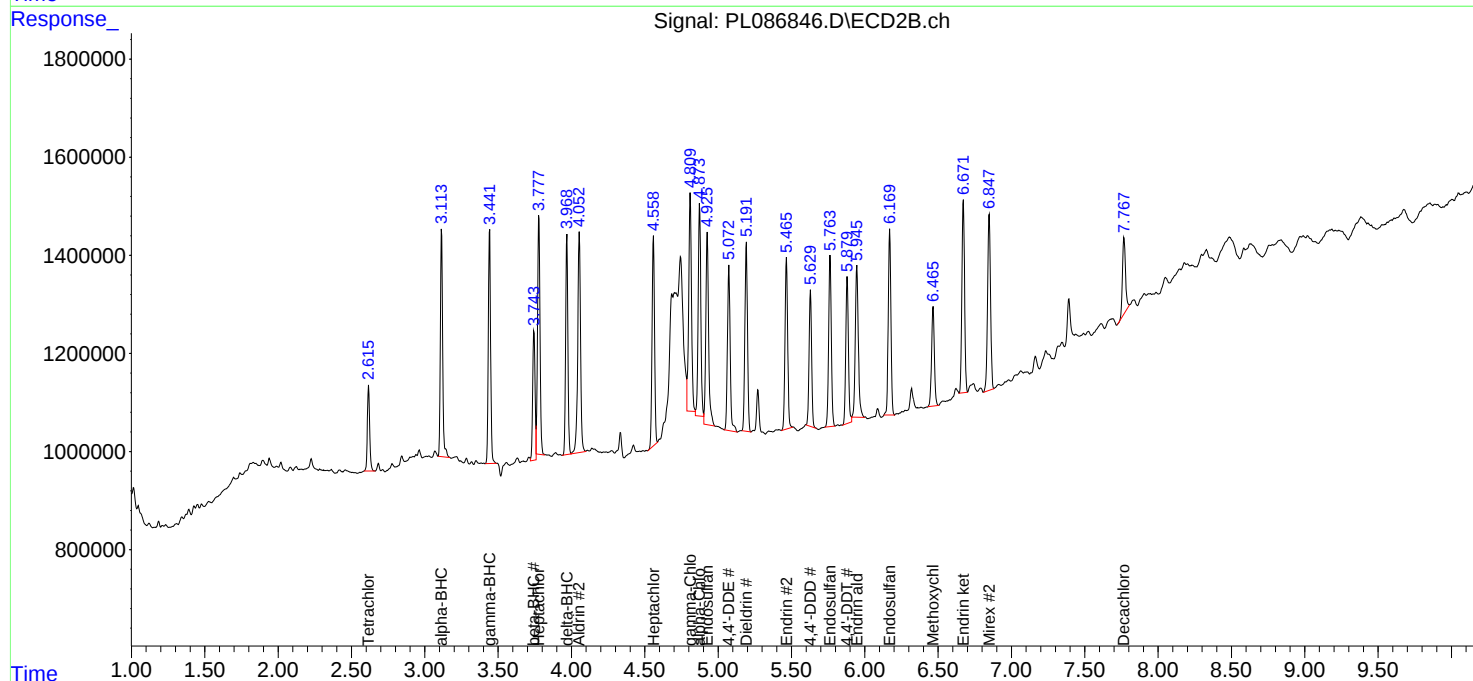
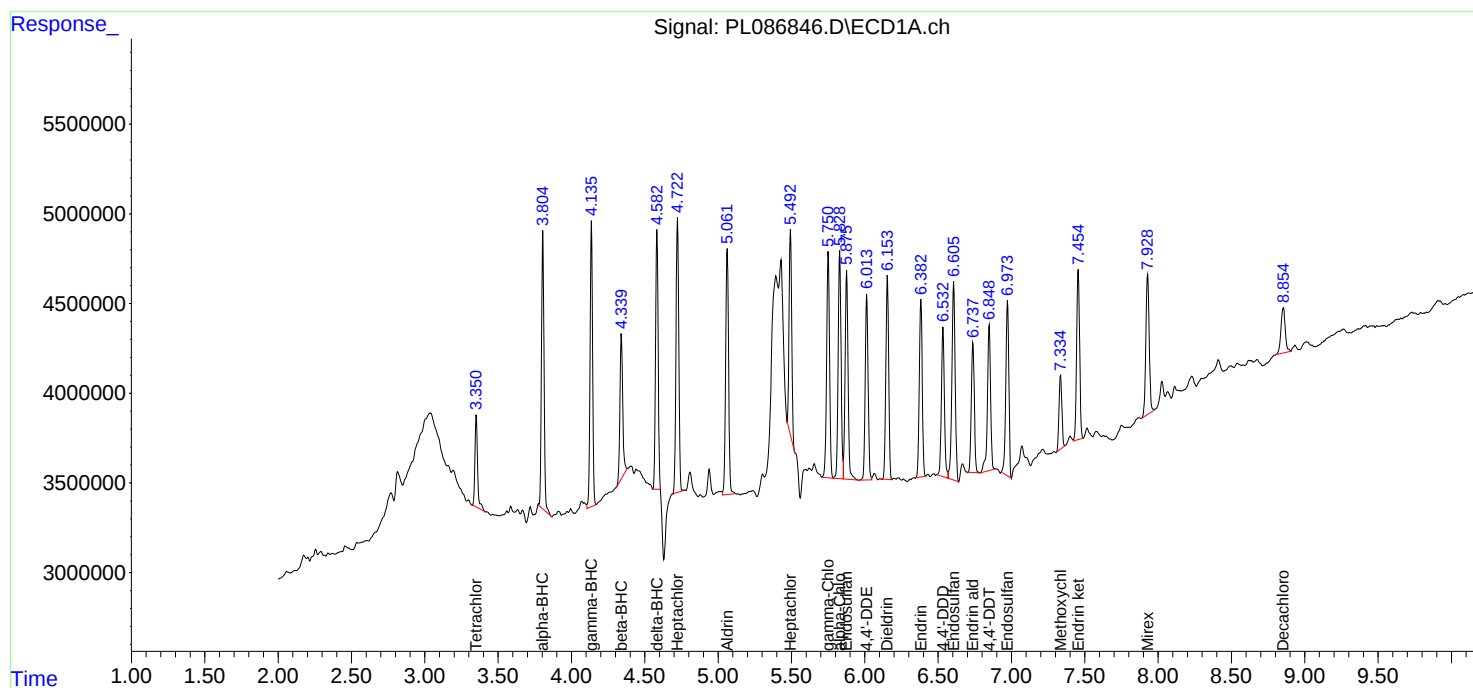
Instrument :
ECD_L
ClientSampleId :
HD-01-112723

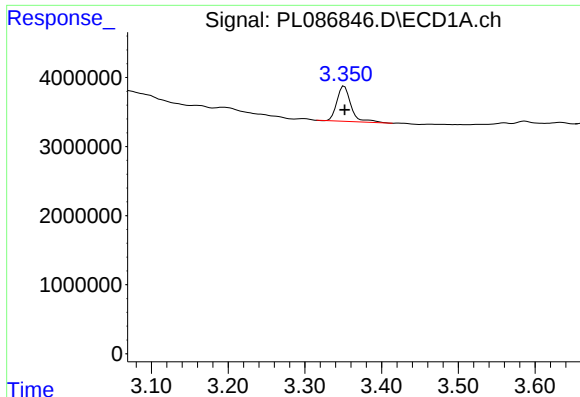
Manual Integrations
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Supervised By :Ankita Jodhani 11/29/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 28 20:02:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 13:04:14 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





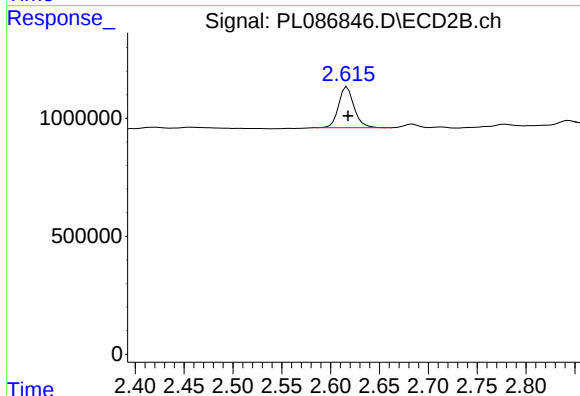
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 6444136
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-112723

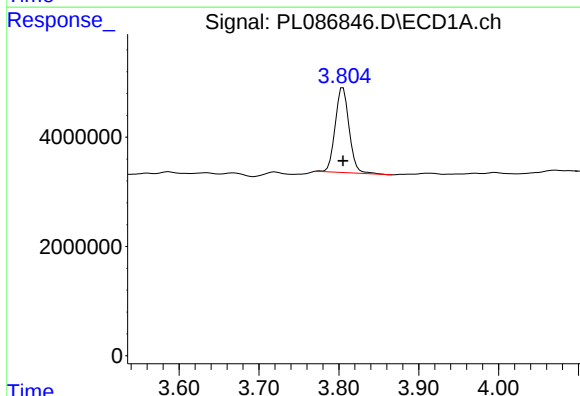
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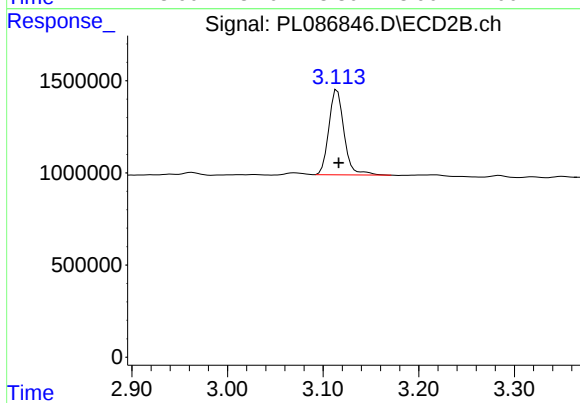
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: -0.001 min
Response: 1917918
Conc: 1.95 ng/ml



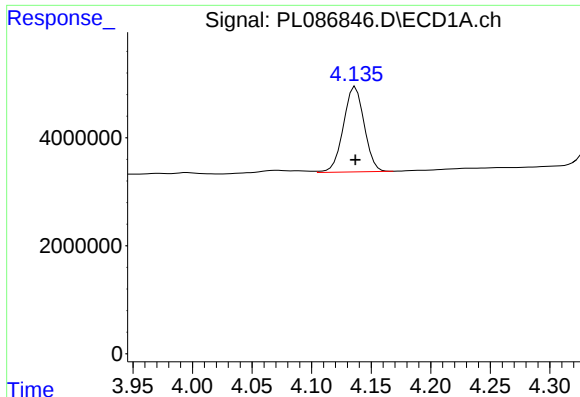
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 18870792
Conc: 3.92 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.002 min
Response: 5083680
Conc: 3.81 ng/ml



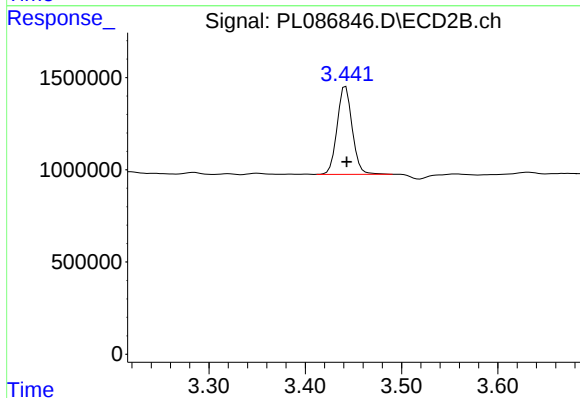
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 19183929
Conc: 4.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-112723

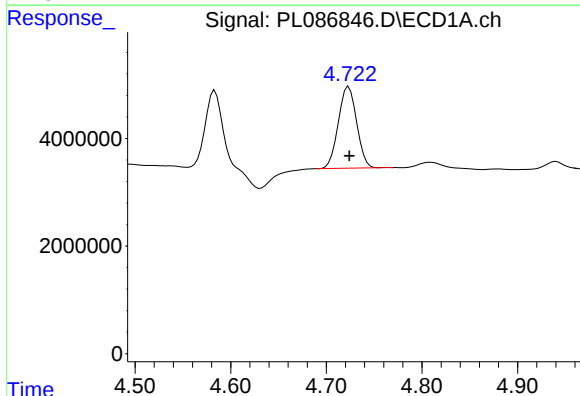
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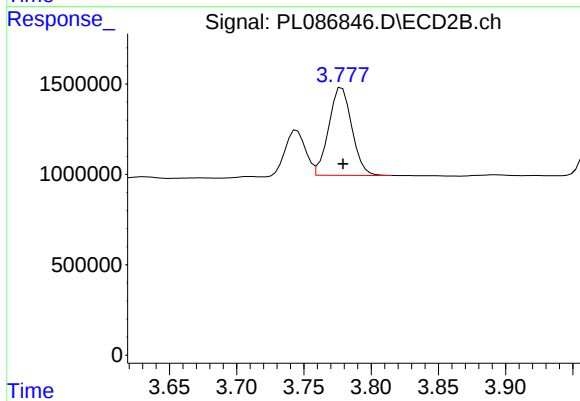
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.001 min
Response: 5171294
Conc: 3.90 ng/ml



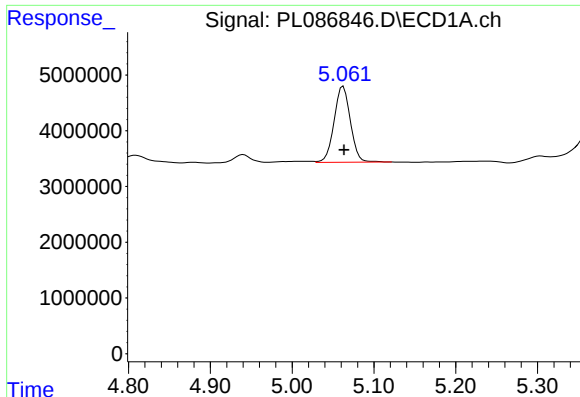
#4 Heptachlor

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 20311262
Conc: 4.45 ng/ml



#4 Heptachlor

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 5757530
Conc: 4.30 ng/ml m



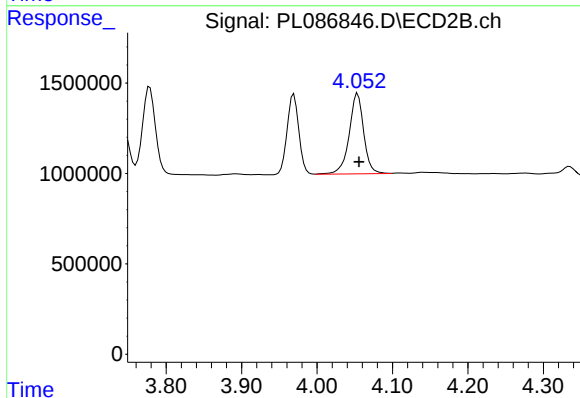
#5 Aldrin

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 18834075
Conc: 4.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-112723

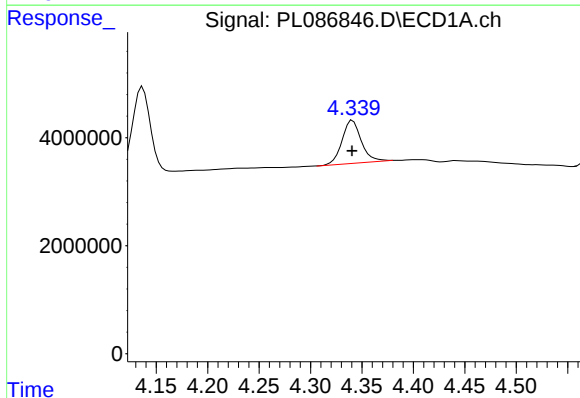
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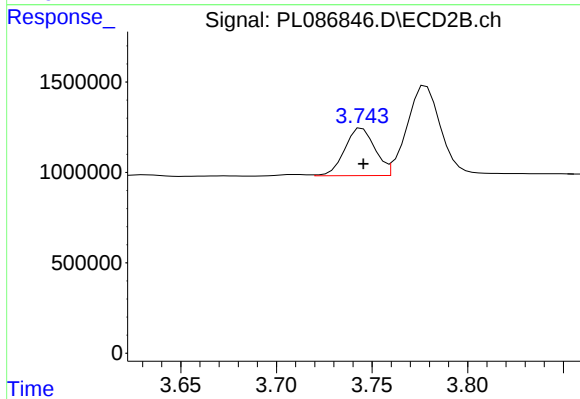
#5 Aldrin

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 5935491
Conc: 4.56 ng/ml



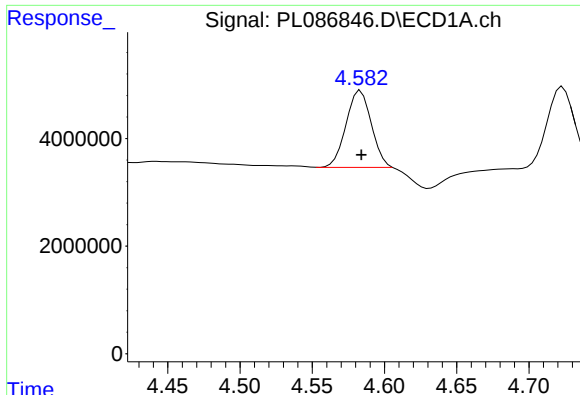
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 10362540
Conc: 5.12 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 2889189
Conc: 4.85 ng/ml



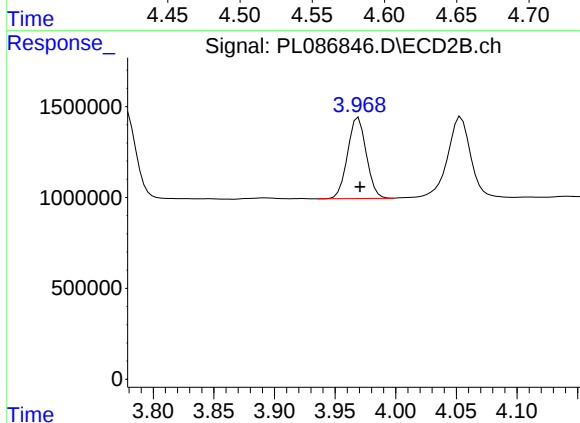
#7 delta-BHC

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 17374999
Conc: 3.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-112723

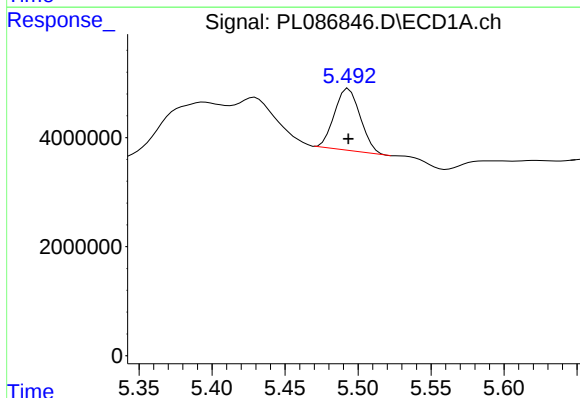
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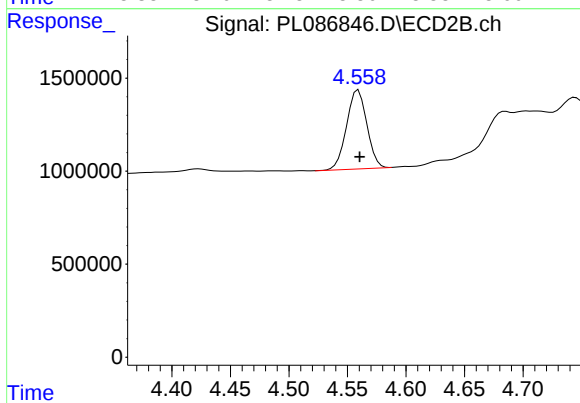
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 4797632
Conc: 3.67 ng/ml



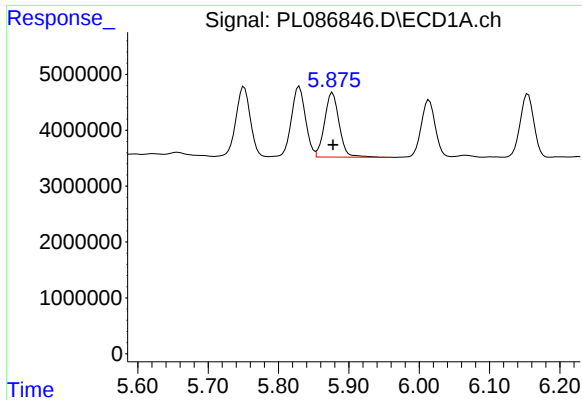
#8 Heptachlor epoxide

R.T.: 5.492 min
Delta R.T.: -0.001 min
Response: 13853921
Conc: 3.56 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.559 min
Delta R.T.: -0.001 min
Response: 5124536
Conc: 4.27 ng/ml



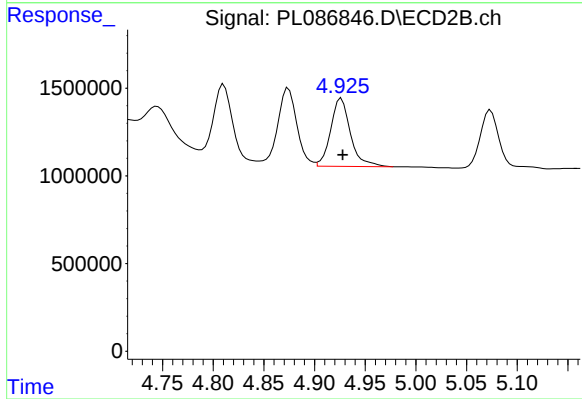
#9 Endosulfan I

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 16605514
Conc: 4.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-112723

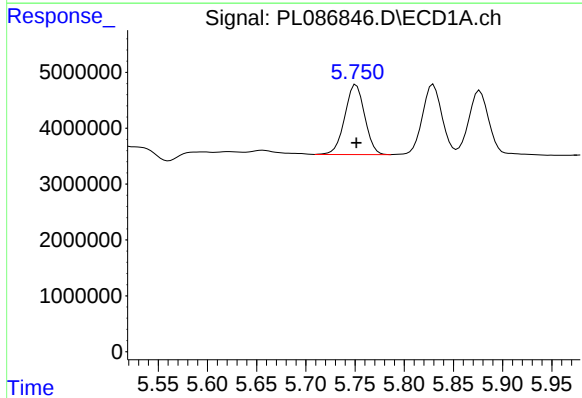
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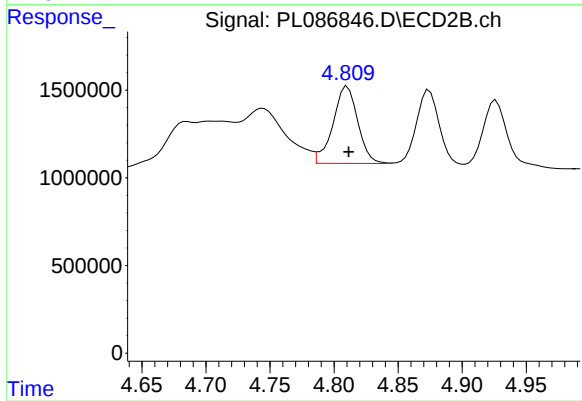
#9 Endosulfan I

R.T.: 4.925 min
Delta R.T.: -0.003 min
Response: 5248194
Conc: 4.56 ng/ml m



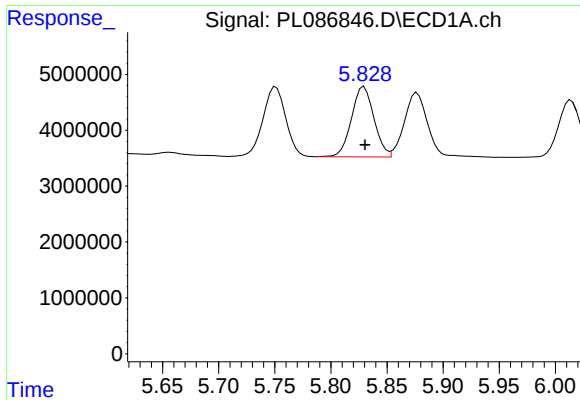
#10 gamma-Chlordane

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 17636755
Conc: 4.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 5883313
Conc: 4.77 ng/ml m



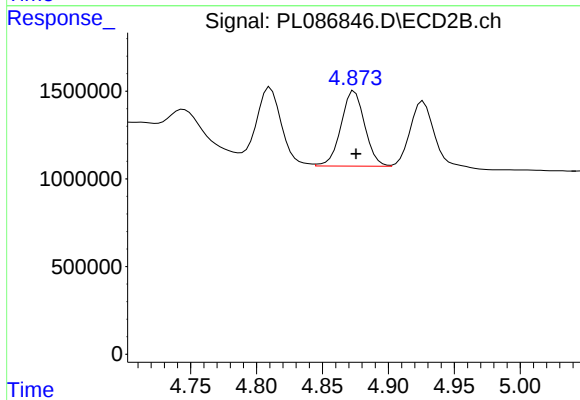
#11 alpha-Chlordane

R.T.: 5.830 min
Delta R.T.: -0.001 min
Response: 17522183
Conc: 4.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-112723

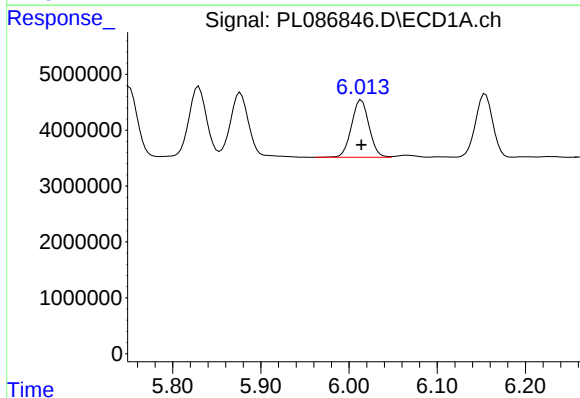
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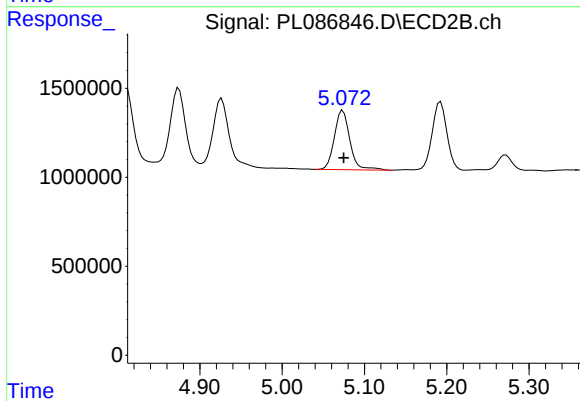
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.003 min
Response: 5388515
Conc: 4.31 ng/ml m



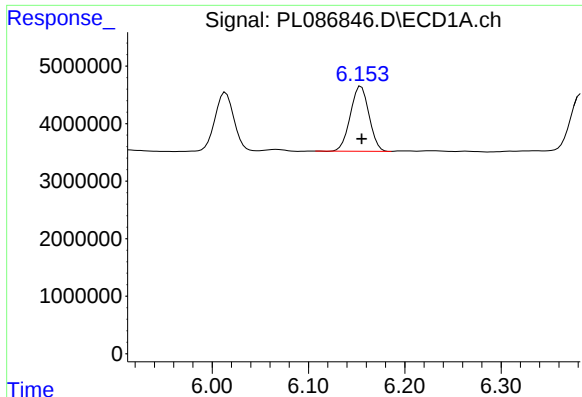
#12 4,4'-DDE

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 14197304
Conc: 4.09 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: -0.001 min
Response: 4365656
Conc: 4.25 ng/ml



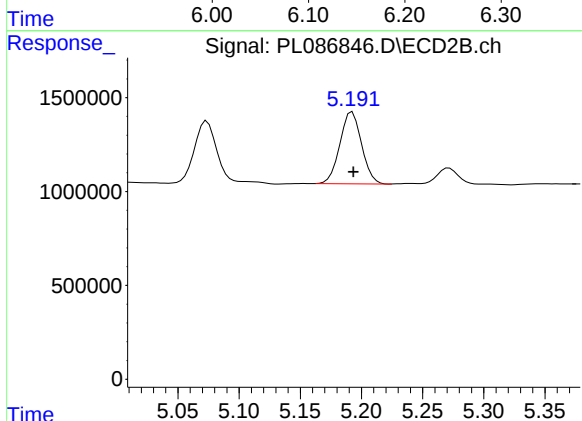
#13 Dieldrin

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 15166806
Conc: 3.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-112723

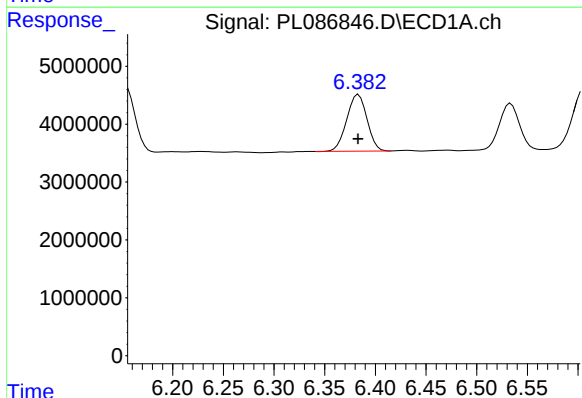
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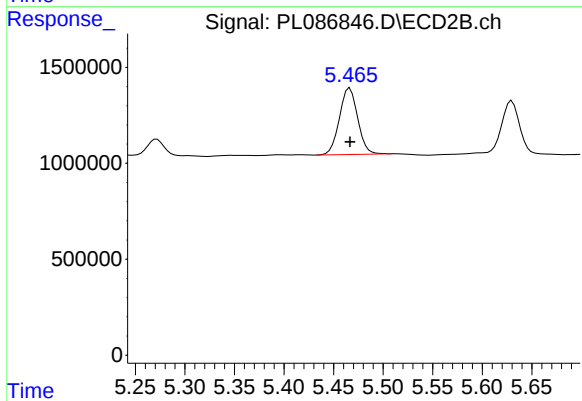
#13 Dieldrin

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 4723895
Conc: 3.96 ng/ml



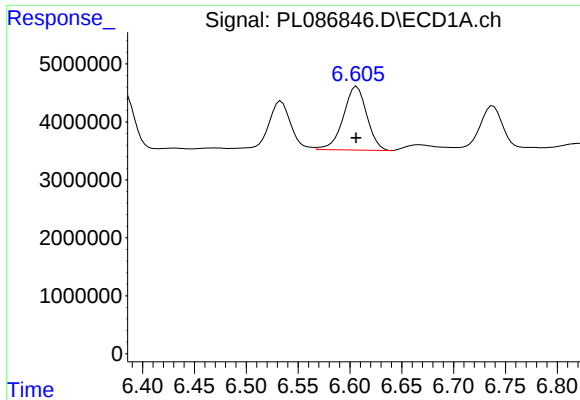
#14 Endrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 13618003
Conc: 3.95 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 4445792
Conc: 4.06 ng/ml



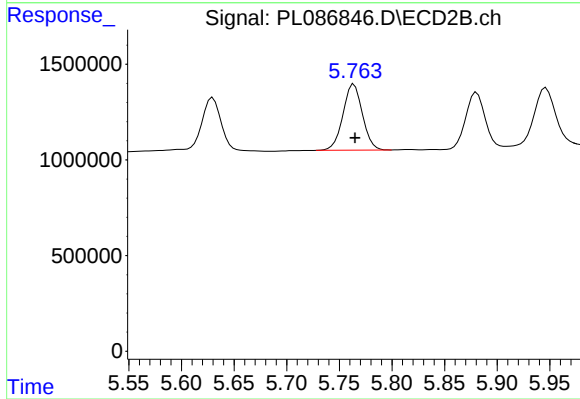
#15 Endosulfan II

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 17306551
Conc: 4.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
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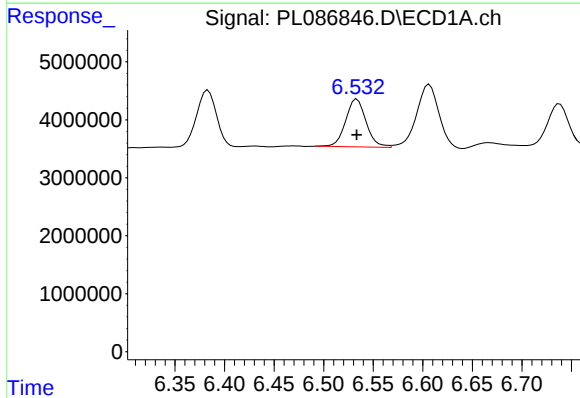
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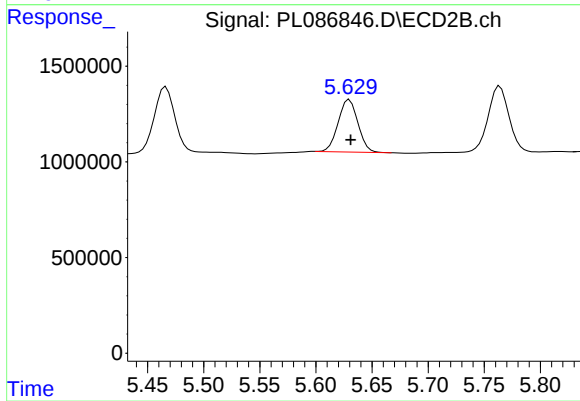
#15 Endosulfan II

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 4455442
Conc: 4.06 ng/ml



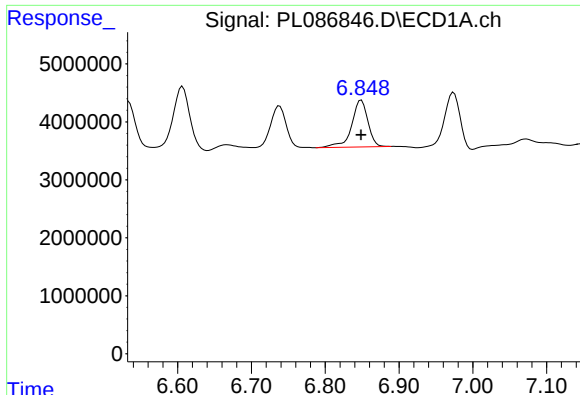
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 11862730
Conc: 4.46 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 3372258
Conc: 3.96 ng/ml m



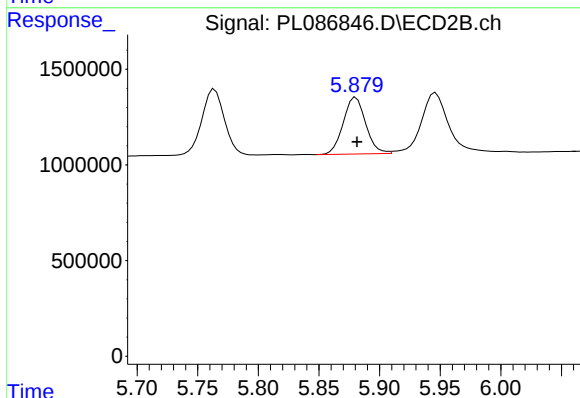
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 12314604
Conc: 4.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-112723

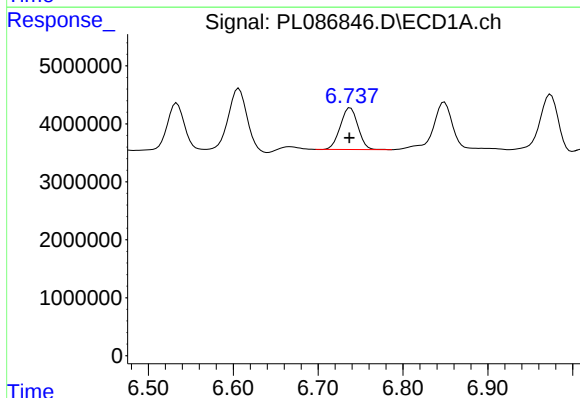
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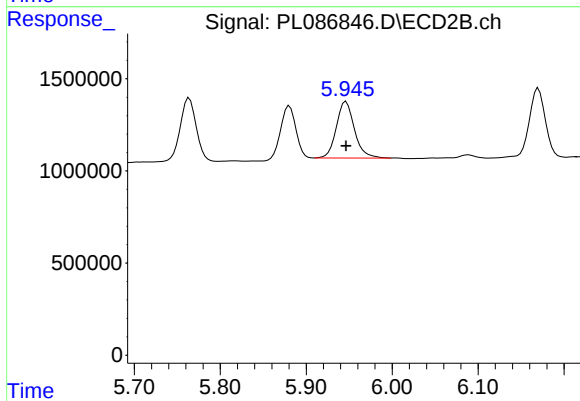
#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 3802296
Conc: 3.89 ng/ml



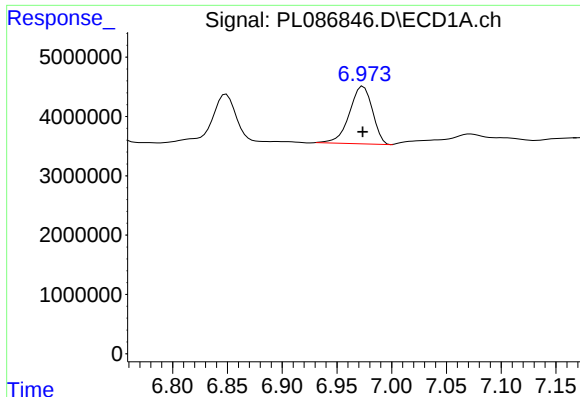
#18 Endrin aldehyde

R.T.: 6.738 min
Delta R.T.: 0.001 min
Response: 10402041
Conc: 3.92 ng/ml



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 4492401
Conc: 4.80 ng/ml m



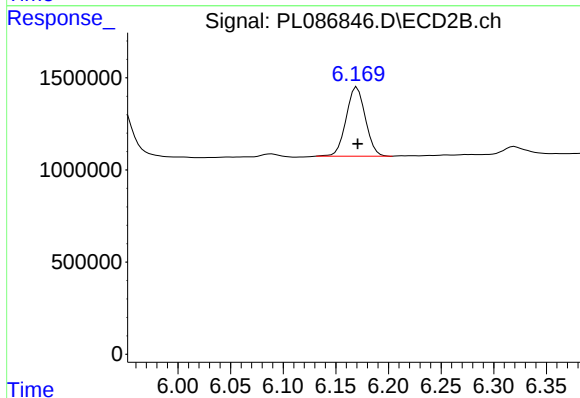
#19 Endosulfan Sulfate

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 14179322
Conc: 4.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-112723

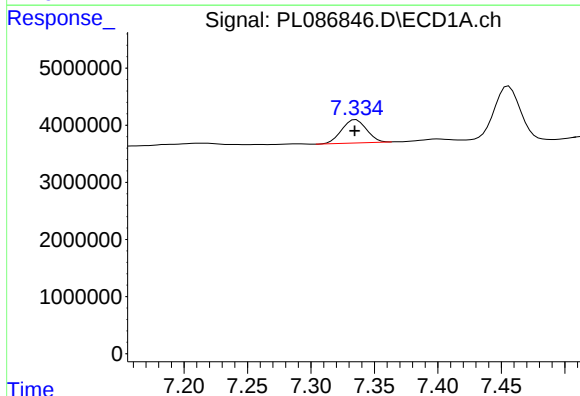
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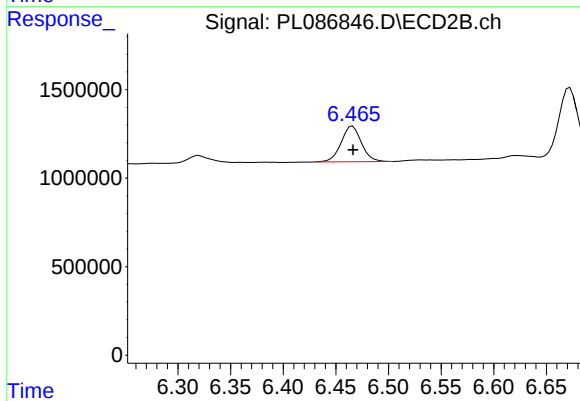
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 4804409
Conc: 4.42 ng/ml



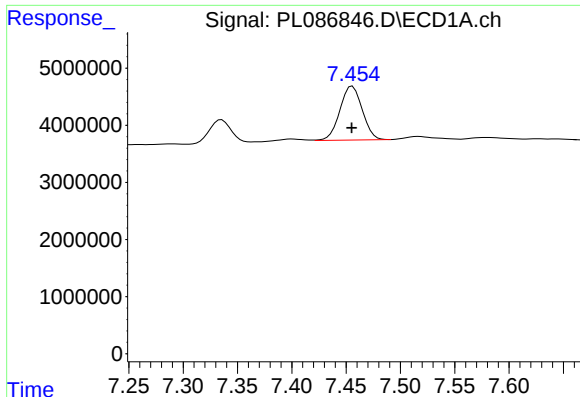
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 5559438
Conc: 3.48 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 2693643
Conc: 4.50 ng/ml



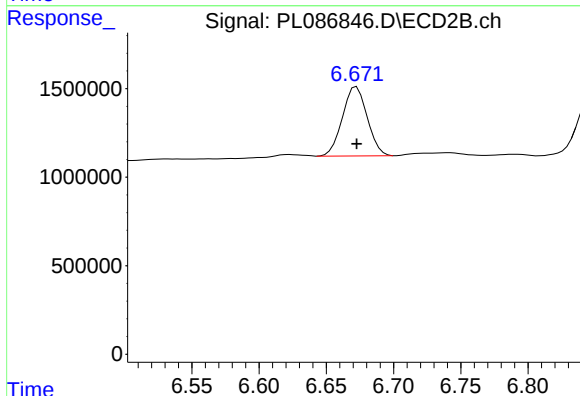
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 13492454
Conc: 3.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-112723

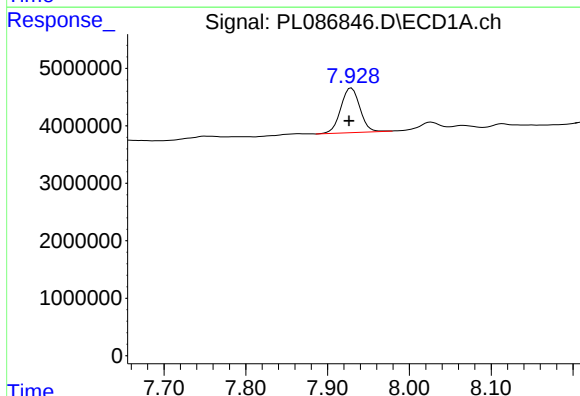
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :Ankita Jodhani 11/29/2023



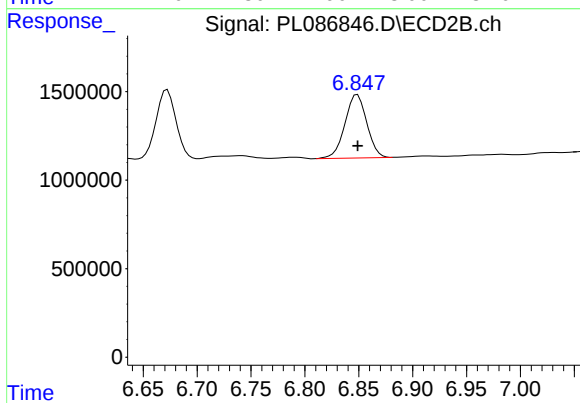
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.002 min
Response: 5009463
Conc: 3.91 ng/ml m



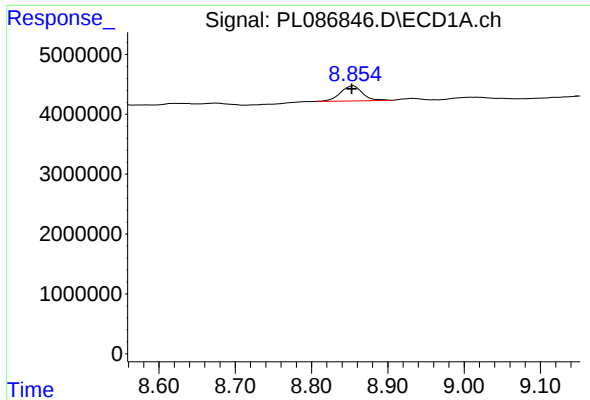
#22 Mirex

R.T.: 7.929 min
Delta R.T.: 0.003 min
Response: 12593488
Conc: 4.46 ng/ml



#22 Mirex

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 5060997
Conc: 4.45 ng/ml



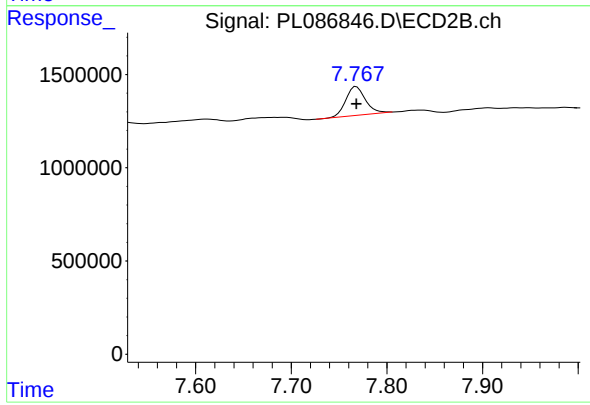
#28 Decachlorobiphenyl

R.T.: 8.855 min
Delta R.T.: 0.002 min
Response: 5040519
Conc: 1.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-112723

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#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 2194456
Conc: 1.82 ng/ml