

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072723\
 Data File : PL084320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2023 20:42
 Operator : AR\AJ
 Sample : 03781-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OS-1MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/28/2023
 Supervised By : Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 21:44:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.477	2.689	34521622	16936116	17.262	15.250
28) SA Decachlor...	9.025	7.869	22126083	16864679	16.998	15.178
Target Compounds						
2) A alpha-BHC	3.933	3.193	133.2E6	70569978	45.461m	43.891
3) MA gamma-BHC...	4.267	3.524	121.0E6	66153637	42.829m	43.502
4) MA Heptachlor	4.861	3.865	139.3E6	65926796	51.255	55.942
5) MB Aldrin	5.203	4.145	125.3E6	64784055	43.764	42.965
6) B beta-BHC	4.467	3.826	56203134	29606460	46.842	44.854
7) B delta-BHC	4.714	4.054	94880541	46232650	35.592	30.564
8) B Heptachlo...	5.633	4.651	117.4E6	55672558	43.976	43.353
9) A Endosulfan I	6.019	5.022	99728259	51404072	42.111	41.910
10) B gamma-Chl...	5.890	4.905	109.9E6	57139689	42.553	42.892
11) B alpha-Chl...	5.970	4.969	106.2E6	55800833	41.781	41.422
12) B 4,4'-DDE	6.149	5.167	89493380	53109606	44.480	43.236
13) MA Dieldrin	6.295	5.289	96600909	52260777	40.426	40.128
14) MA Endrin	6.524	5.564	83008941	47799468	43.587m	43.484
15) B Endosulfa...	6.746	5.861	73645582	46620012	39.292	40.562
16) A 4,4'-DDD	6.667	5.725	70685175	43643088	48.133	45.493
17) MA 4,4'-DDT	6.983	5.977	70504889	43796243	44.209	48.086
18) B Endrin al...	6.877	6.043	61024712	38006159	41.652	42.279
19) B Endosulfa...	7.111	6.268	71929262	42178945	41.609	38.379
20) A Methoxychlor	7.464	6.561	35994483	23680369	46.016	49.412
21) B Endrin ke...	7.596	6.772	73797876	53697975	42.111	41.559
22) Mirex	8.071	6.954	62255460	41531168	43.506	40.690

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072723\
Data File : PL084320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2023 20:42
Operator : AR\AJ
Sample : 03781-01MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

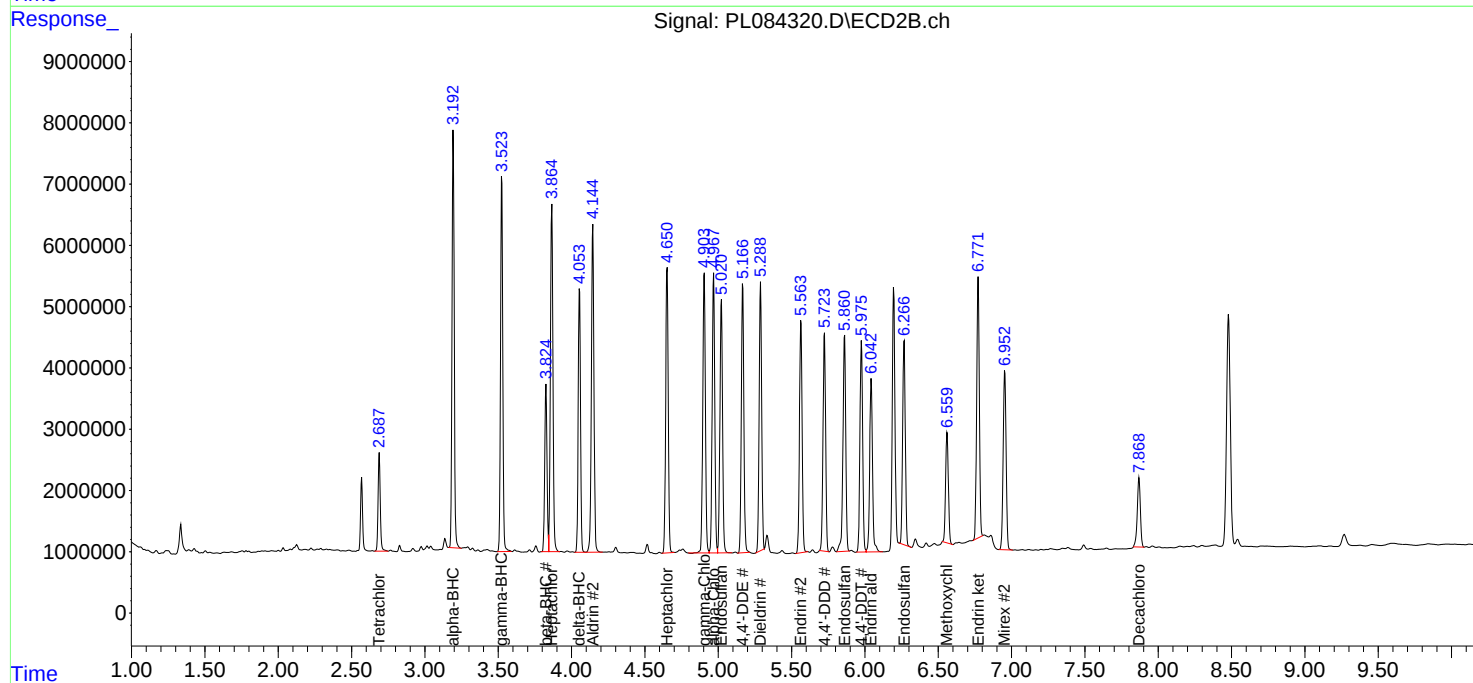
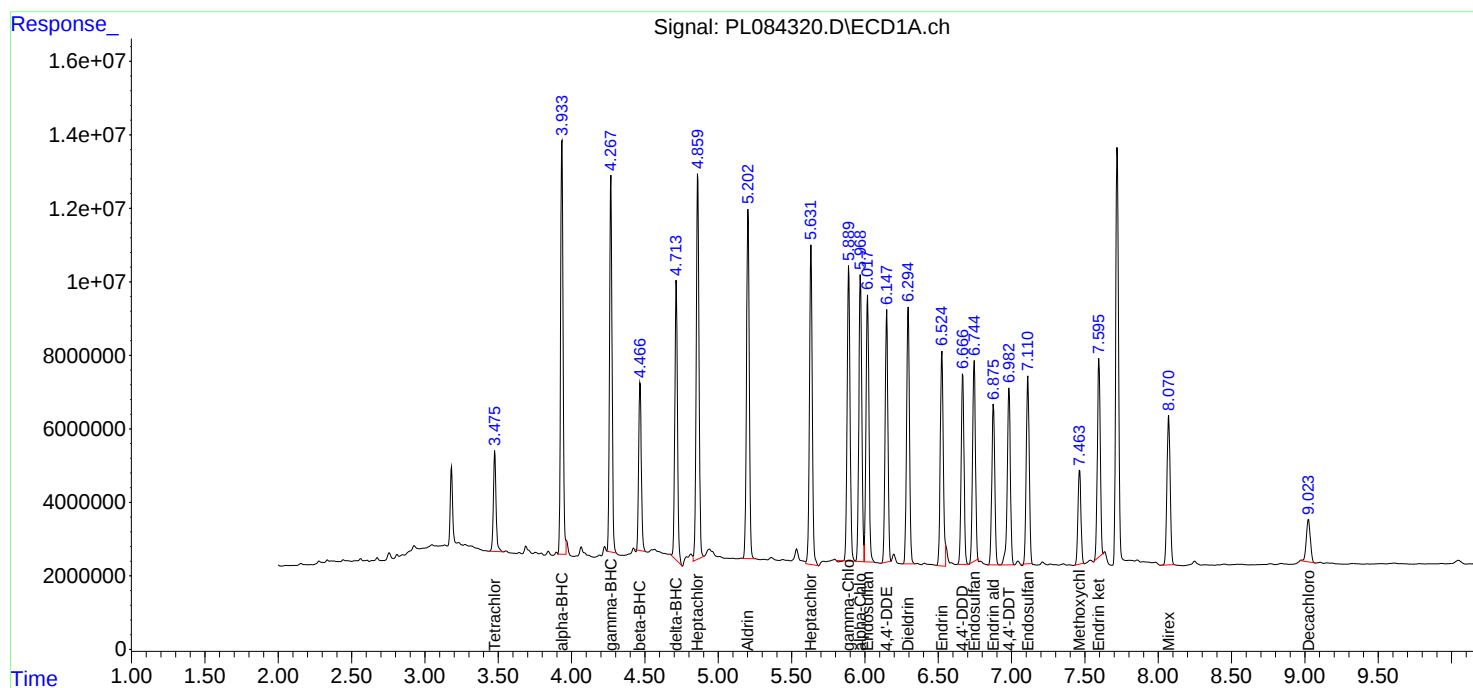
Instrument :
ECD_L
ClientSampleId :
OS-1MS

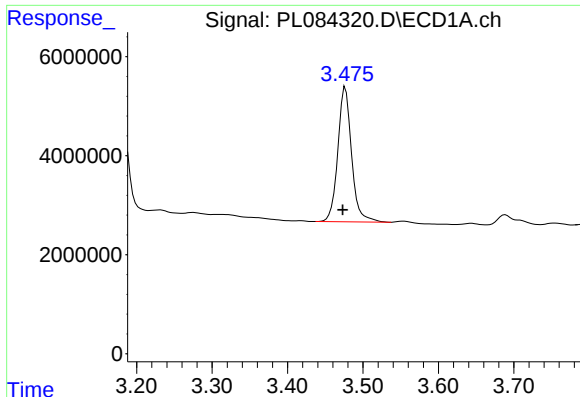
Manual Integrations
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Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 21:44:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 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





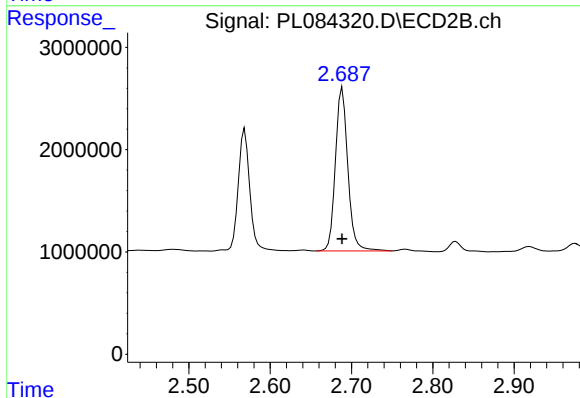
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.004 min
Response: 34521622
Conc: 17.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

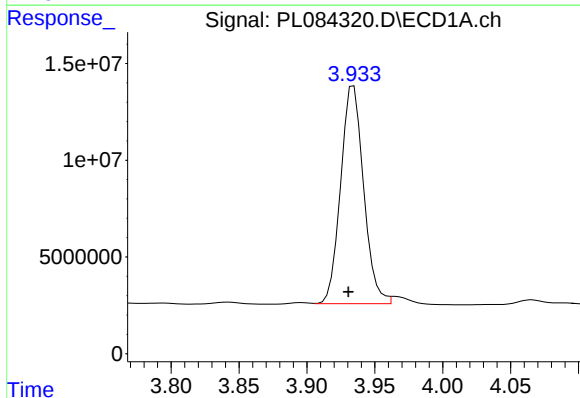
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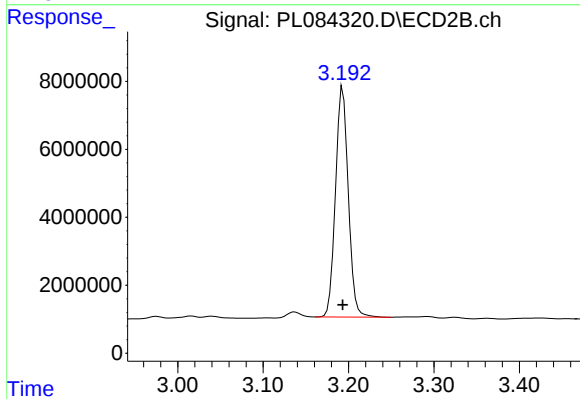
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 16936116
Conc: 15.25 ng/ml



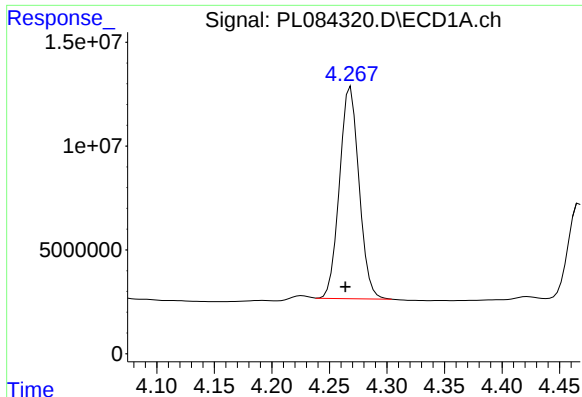
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.002 min
Response: 133193477
Conc: 45.46 ng/ml m



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 70569978
Conc: 43.89 ng/ml



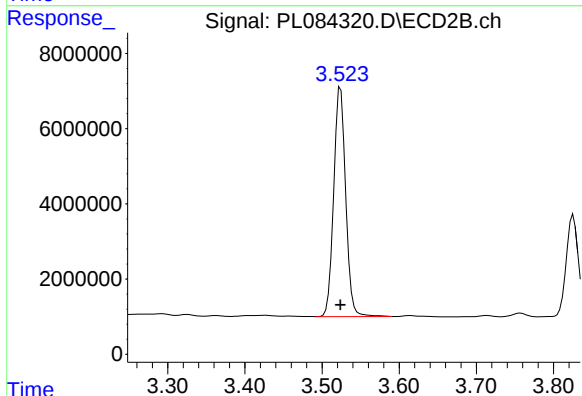
#3 gamma-BHC (Lindane)

R.T.: 4.267 min
Delta R.T.: 0.003 min
Response: 121006449
Conc: 42.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

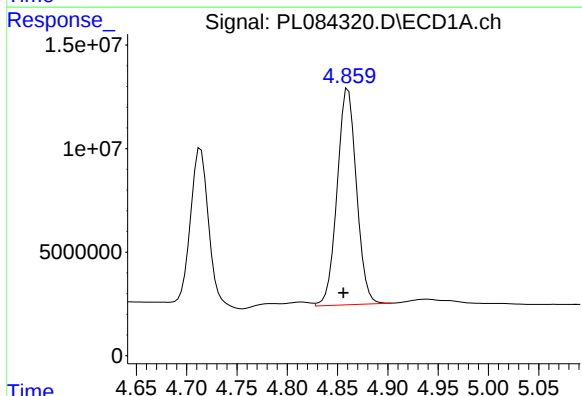
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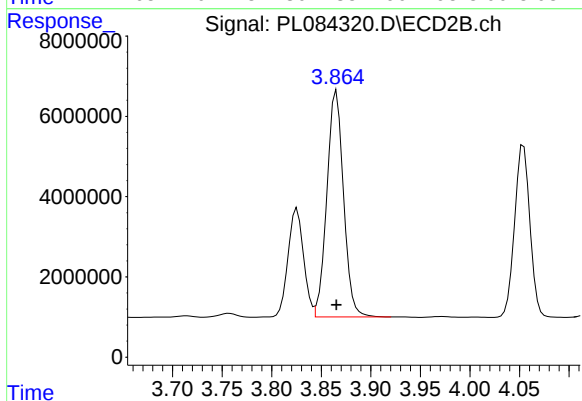
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 66153637
Conc: 43.50 ng/ml



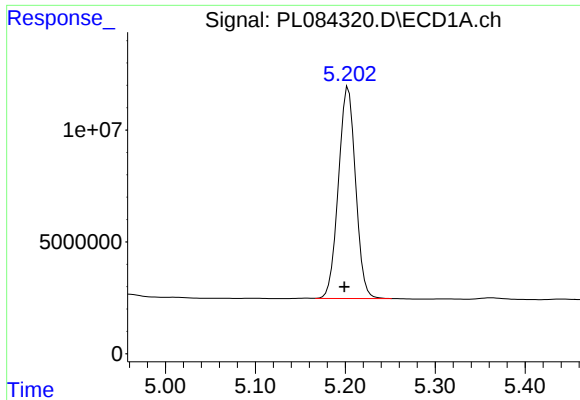
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: 0.005 min
Response: 139288697
Conc: 51.25 ng/ml



#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 65926796
Conc: 55.94 ng/ml



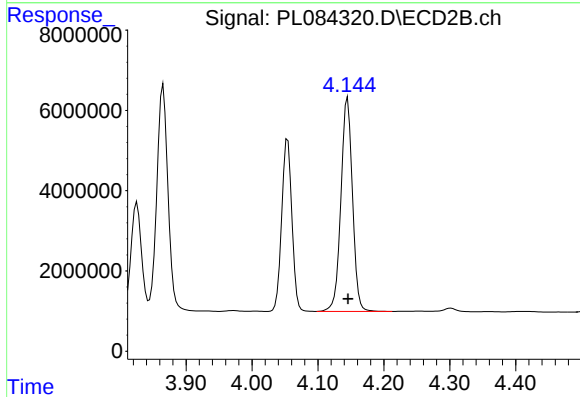
#5 Aldrin

R.T.: 5.203 min
Delta R.T.: 0.005 min
Response: 125348600
Conc: 43.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

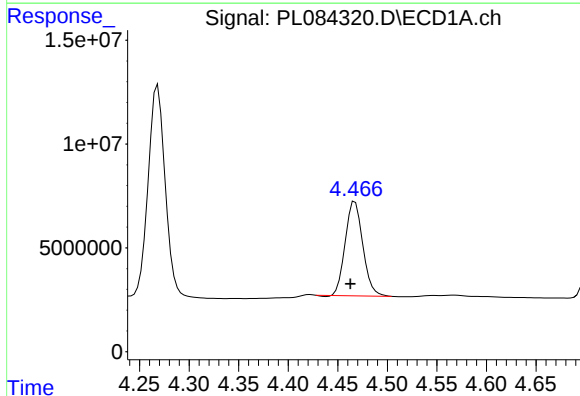
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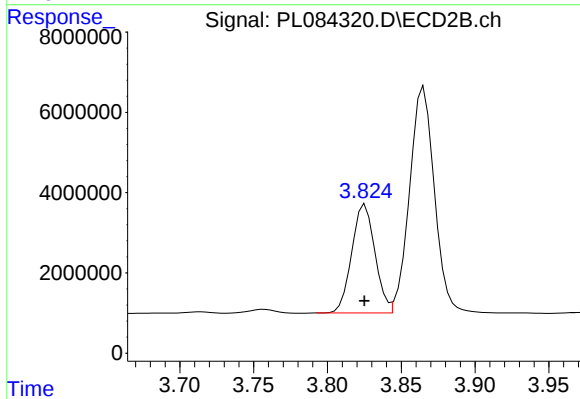
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 64784055
Conc: 42.96 ng/ml



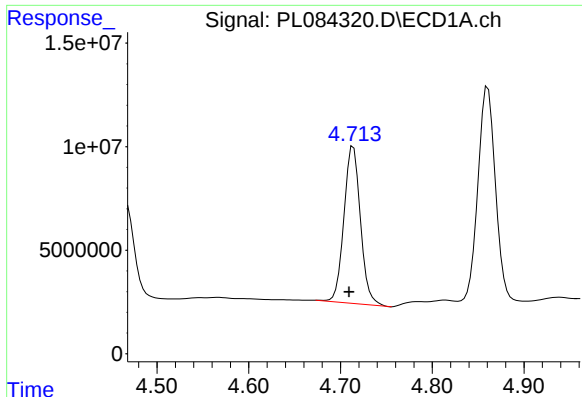
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.005 min
Response: 56203134
Conc: 46.84 ng/ml



#6 beta-BHC

R.T.: 3.826 min
Delta R.T.: 0.000 min
Response: 29606460
Conc: 44.85 ng/ml



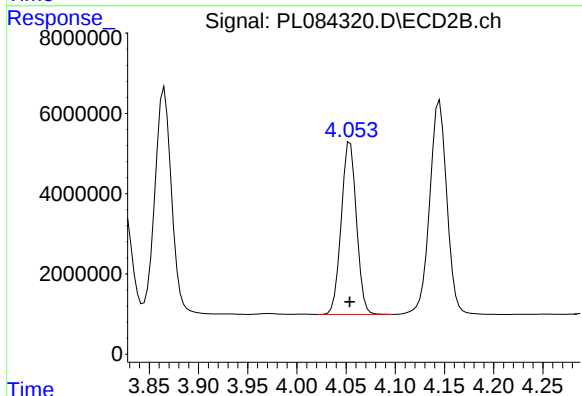
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: 0.005 min
Response: 94880541
Conc: 35.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

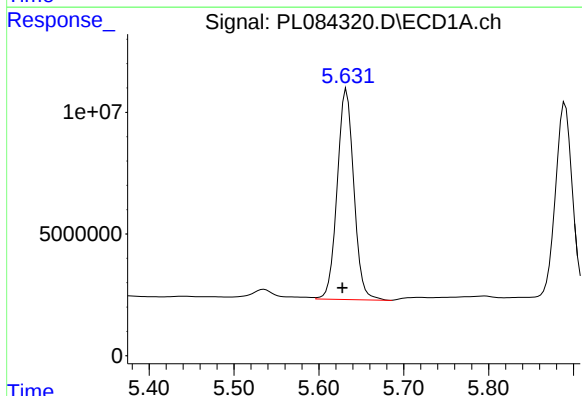
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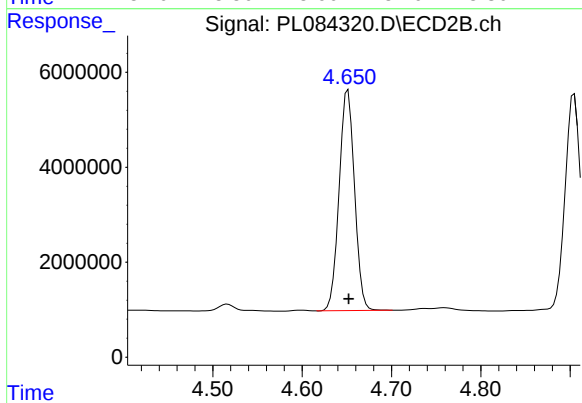
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 46232650
Conc: 30.56 ng/ml



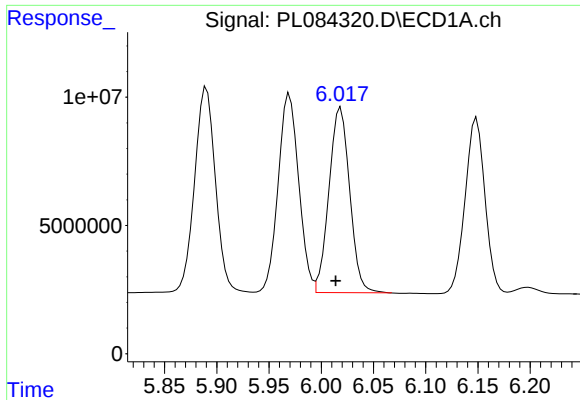
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.005 min
Response: 117398779
Conc: 43.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 55672558
Conc: 43.35 ng/ml



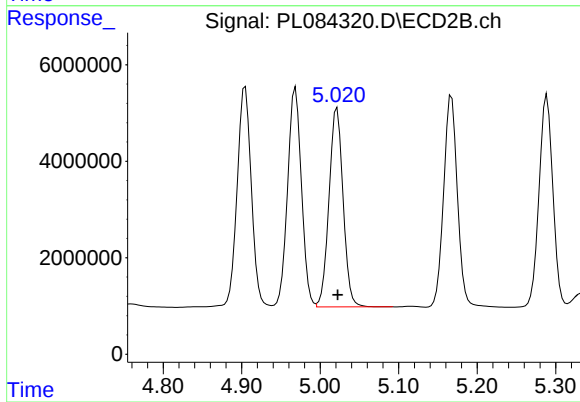
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.005 min
Response: 99728259
Conc: 42.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

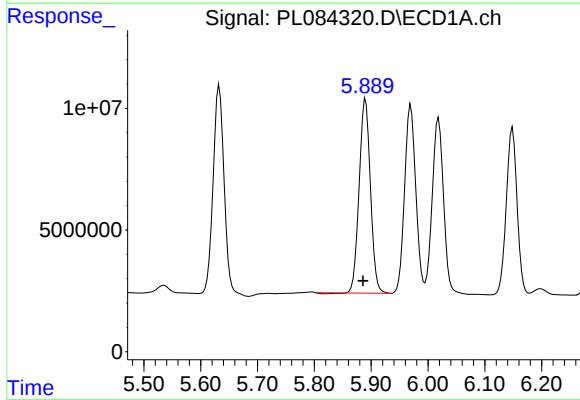
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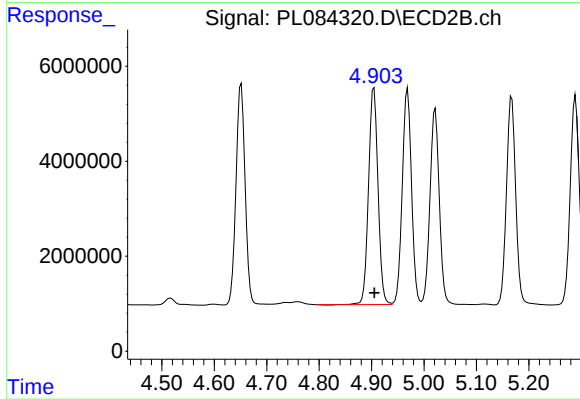
#9 Endosulfan I

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 51404072
Conc: 41.91 ng/ml



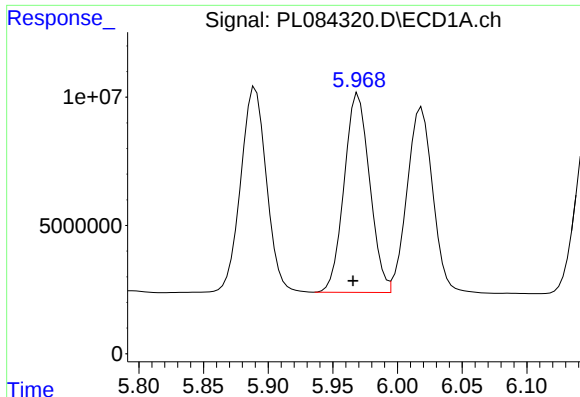
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.004 min
Response: 109867964
Conc: 42.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 57139689
Conc: 42.89 ng/ml



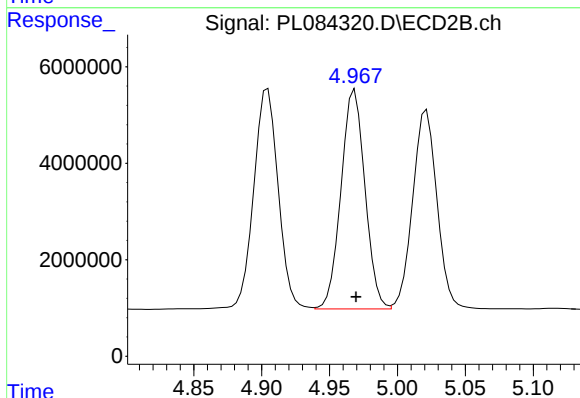
#11 alpha-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.004 min
Response: 106208715
Conc: 41.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

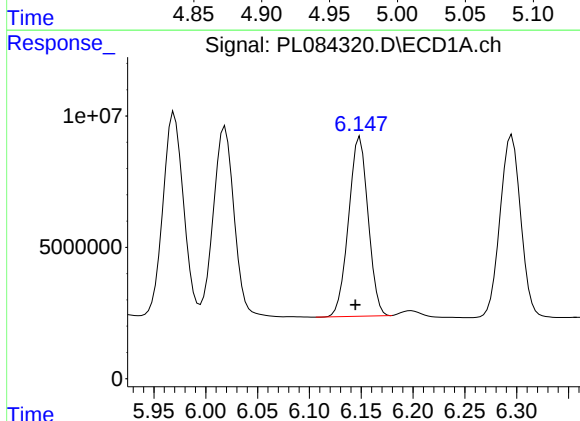
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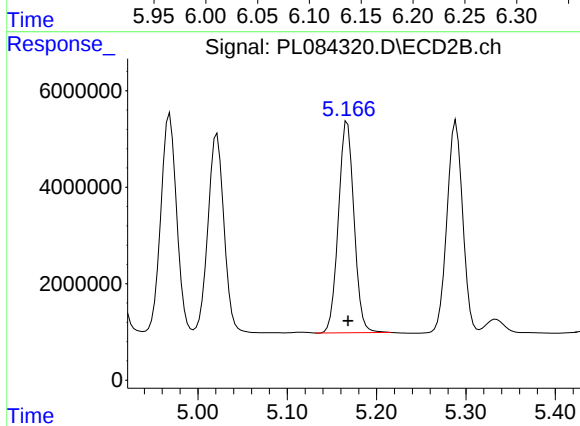
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 55800833
Conc: 41.42 ng/ml



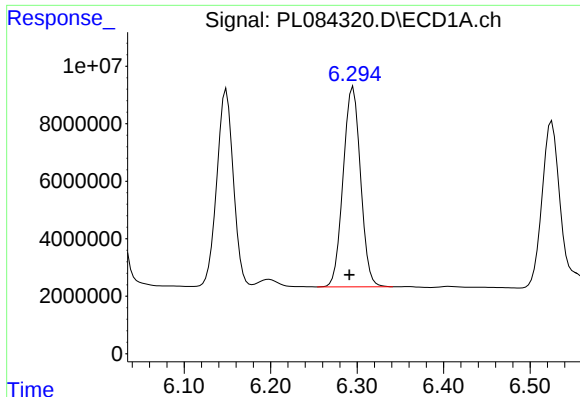
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.004 min
Response: 89493380
Conc: 44.48 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 53109606
Conc: 43.24 ng/ml



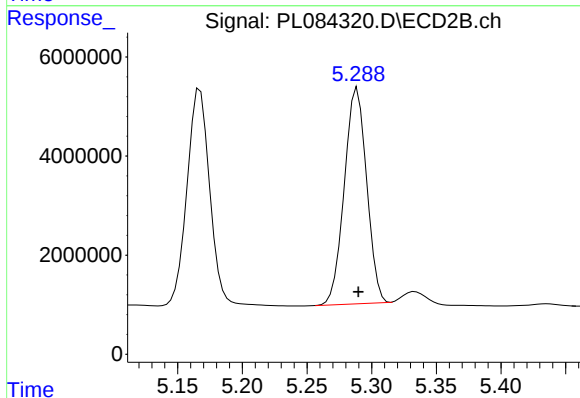
#13 Dieldrin

R.T.: 6.295 min
Delta R.T.: 0.004 min
Response: 96600909
Conc: 40.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

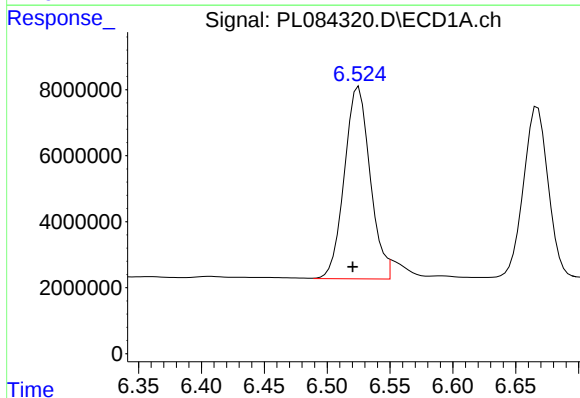
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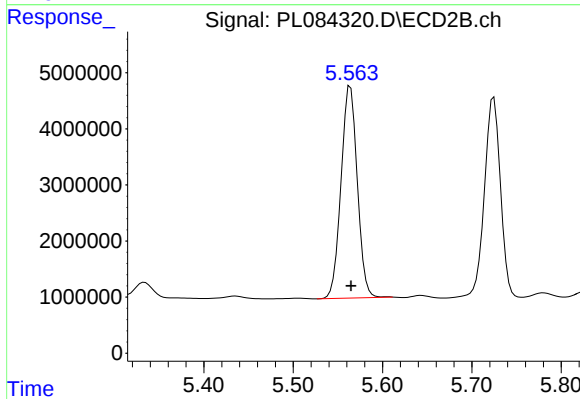
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 52260777
Conc: 40.13 ng/ml



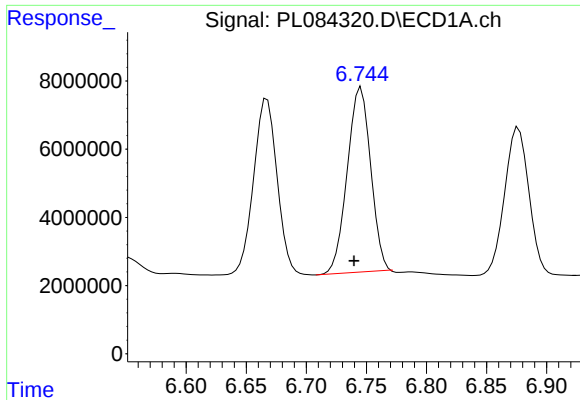
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.004 min
Response: 83008941
Conc: 43.59 ng/ml m



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 47799468
Conc: 43.48 ng/ml



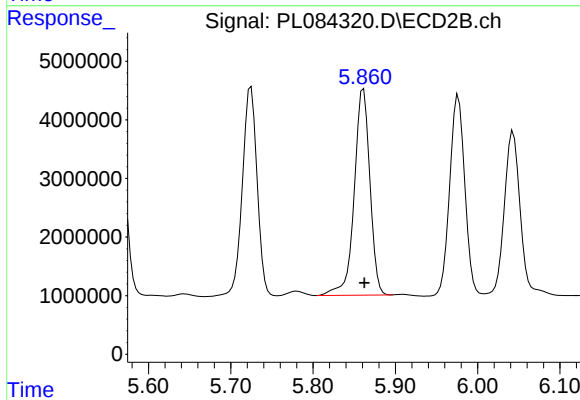
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.006 min
Response: 73645582
Conc: 39.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

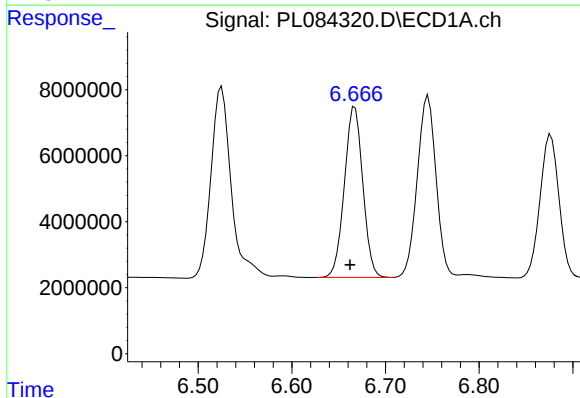
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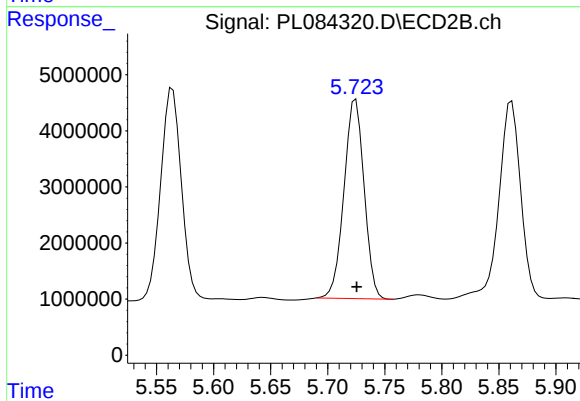
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: -0.001 min
Response: 46620012
Conc: 40.56 ng/ml



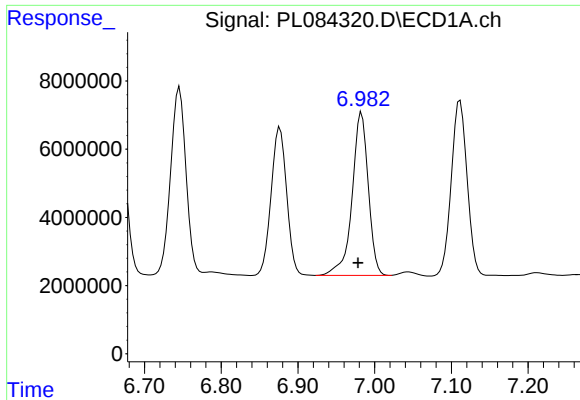
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.005 min
Response: 70685175
Conc: 48.13 ng/ml



#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 43643088
Conc: 45.49 ng/ml



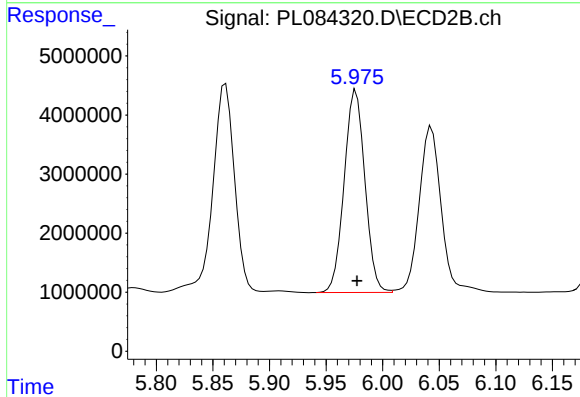
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.005 min
Response: 70504889
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

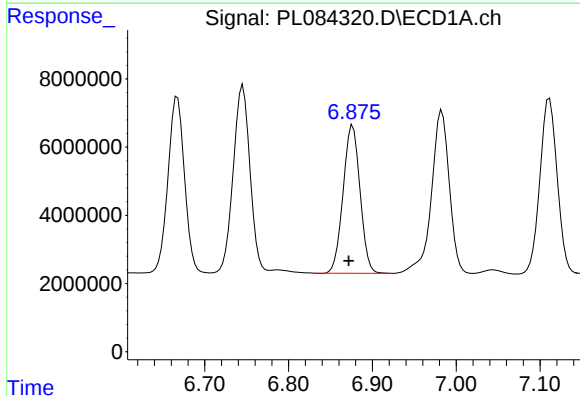
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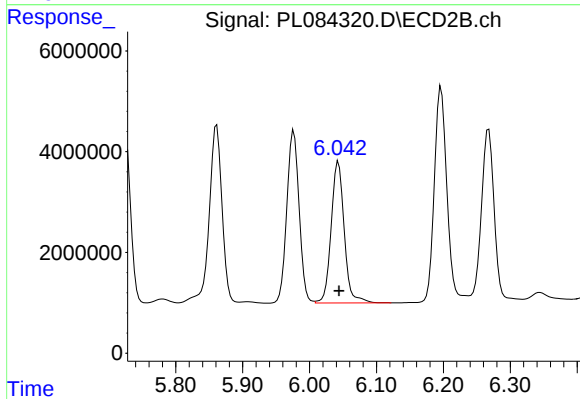
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 43796243
Conc: 48.09 ng/ml



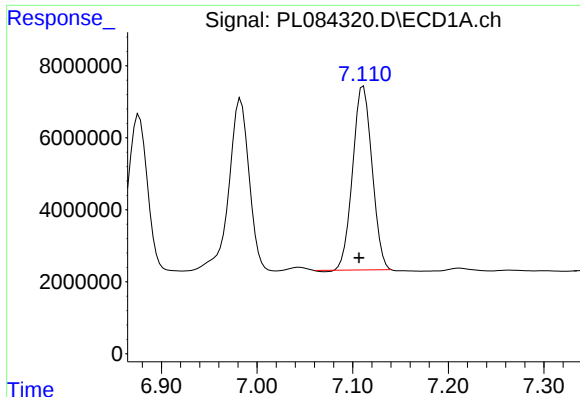
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.005 min
Response: 61024712
Conc: 41.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.001 min
Response: 38006159
Conc: 42.28 ng/ml



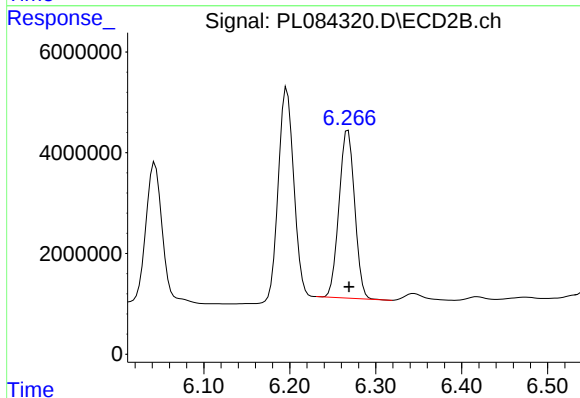
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: 0.005 min
Response: 71929262
Conc: 41.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

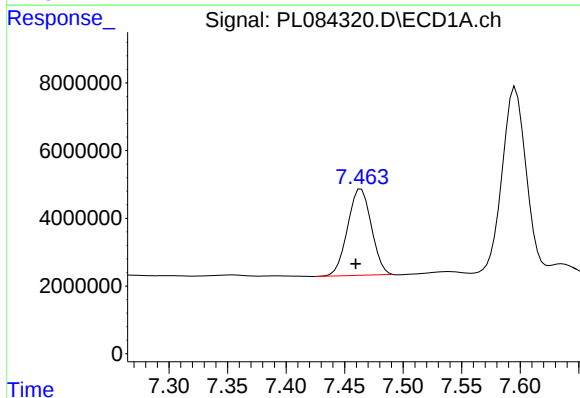
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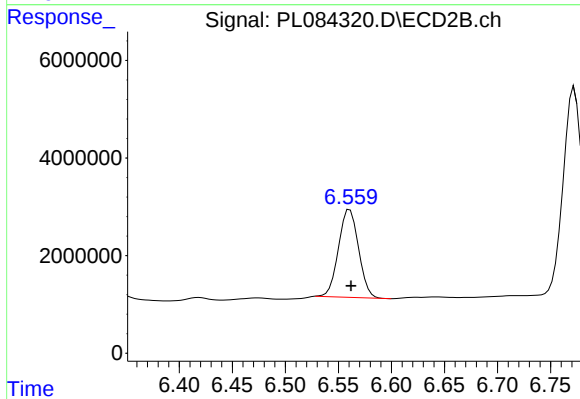
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 42178945
Conc: 38.38 ng/ml



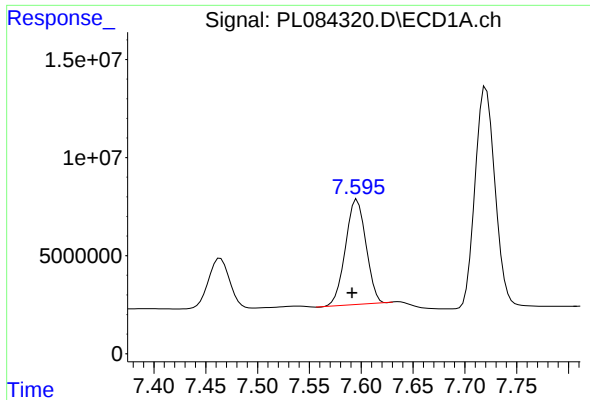
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.005 min
Response: 35994483
Conc: 46.02 ng/ml



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 23680369
Conc: 49.41 ng/ml



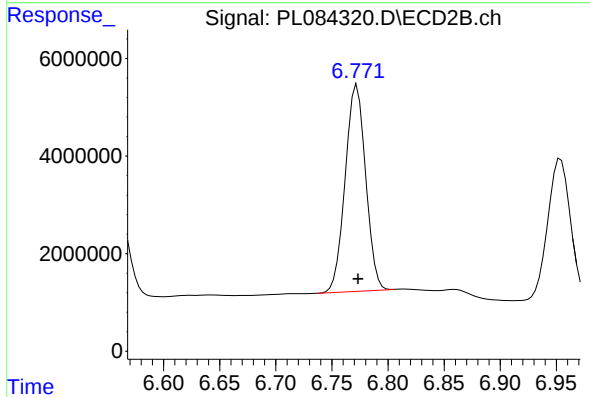
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.005 min
Response: 73797876
Conc: 42.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

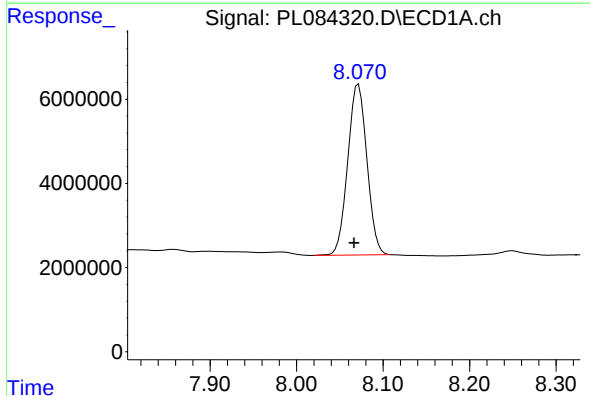
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023



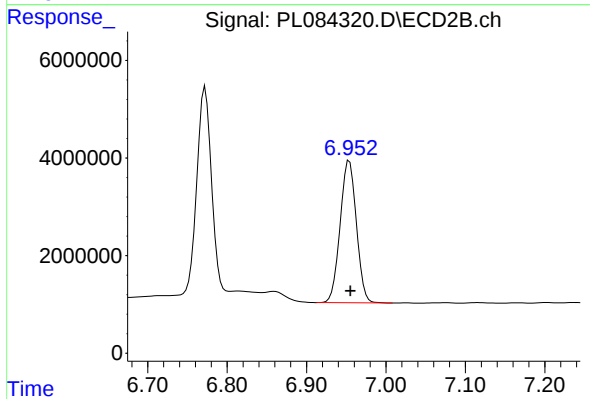
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 53697975
Conc: 41.56 ng/ml



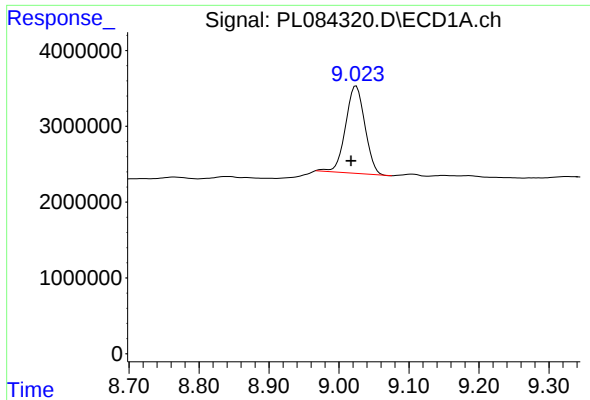
#22 Mirex

R.T.: 8.071 min
Delta R.T.: 0.005 min
Response: 62255460
Conc: 43.51 ng/ml



#22 Mirex

R.T.: 6.954 min
Delta R.T.: -0.001 min
Response: 41531168
Conc: 40.69 ng/ml



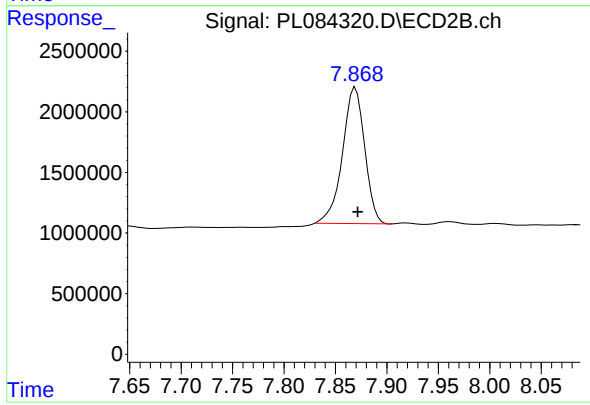
#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.007 min
Response: 22126083
Conc: 17.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
OS-1MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.002 min
Response: 16864679
Conc: 15.18 ng/ml