

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
 Data File : PL087060.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2023 16:40
 Operator : AR\AJ
 Sample : 05726-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/12/2023
 Supervised By : Ankita Jodhani 12/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 00:26:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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...	3.452	2.702	65227740	21297723	20.211	21.772
28)	SA Decachlor...	9.053	7.900	44361480	18666917	19.408	19.399
Target Compounds							
2)	A alpha-BHC	3.912	3.209	233.4E6	64485440	51.861	50.316
3)	MA gamma-BHC...	4.247	3.541	217.5E6	63072182	52.382	49.796
4)	MA Heptachlor	4.841	3.885	228.3E6	63717687	56.466m	51.195
5)	MB Aldrin	5.186	4.166	210.3E6	59062365	52.721	49.103
6)	B beta-BHC	4.447	3.843	90992341	28222731	53.510	49.745
7)	B delta-BHC	4.694	4.072	201.3E6	61571731	55.660	50.658
8)	B Heptachlo...	5.619	4.673	190.0E6	55585839	53.920	50.323
9)	A Endosulfan I	6.007	5.045	180.3E6	53799252	55.022	50.616
10)	B gamma-Chl...	5.878	4.928	198.8E6	53218901	57.798	49.465
11)	B alpha-Chl...	5.959	4.992	192.8E6	53324888	56.154	47.847
12)	B 4,4'-DDE	6.142	5.191	141.2E6	45526639	56.300m	51.228
13)	MA Dieldrin	6.287	5.312	177.5E6	52253326	54.775	52.139m
14)	MA Endrin	6.518	5.588	138.4E6	44809312	62.724	54.928
15)	B Endosulfa...	6.741	5.886	138.8E6	45435627	53.717	51.619
16)	A 4,4'-DDD	6.667	5.749	116.1E6	38269857	57.764	49.365
17)	MA 4,4'-DDT	6.987	6.002	127.7E6	42494965	64.314	55.968
18)	B Endrin al...	6.874	6.069	106.6E6	34219935	58.730	49.973
19)	B Endosulfa...	7.112	6.294	141.1E6	44384920	57.214	50.299
20)	A Methoxychlor	7.479	6.590	69363503	29093438	65.160	60.851
21)	B Endrin ke...	7.600	6.798	141.2E6	49152059	55.374	48.601m
22)	Mirex	8.079	6.983	118.1E6	39950187	52.430	45.022

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
Data File : PL087060.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2023 16:40
Operator : AR\AJ
Sample : 05726-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

WC-2MSD

Manual Integrations

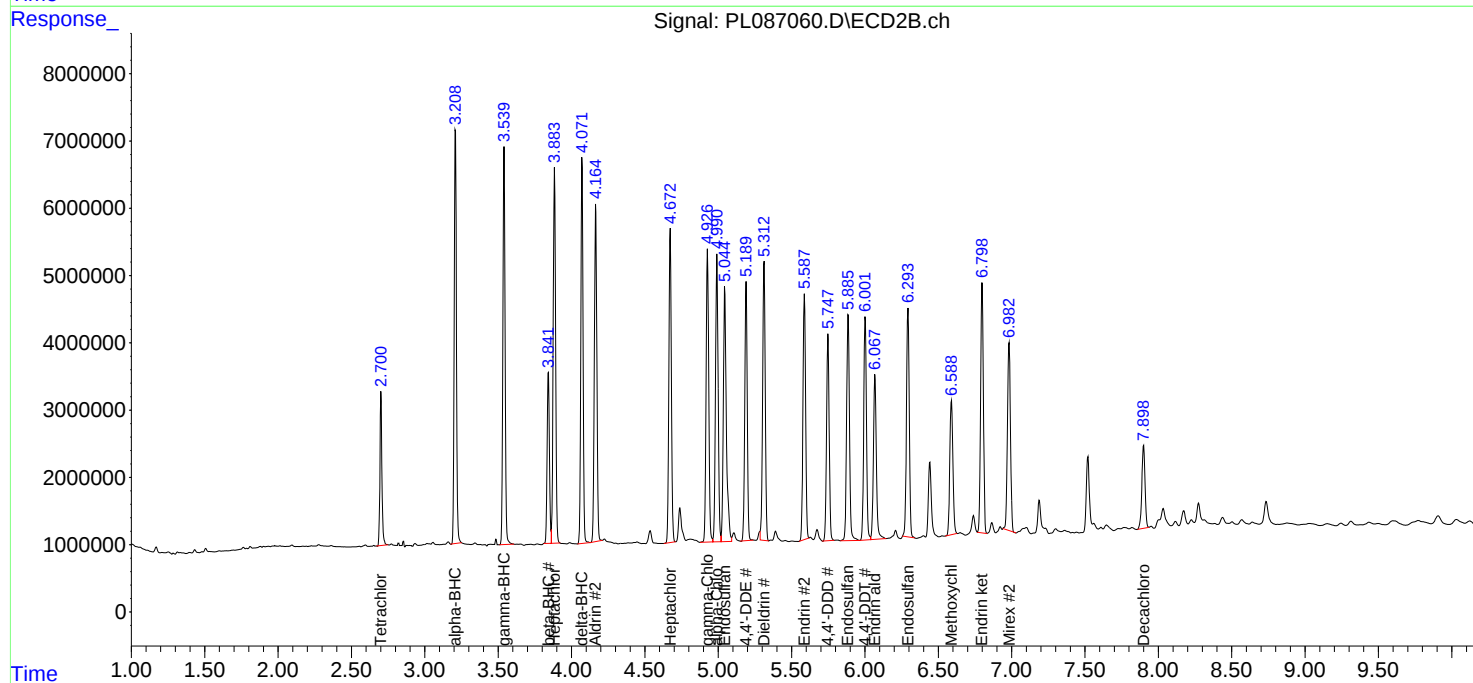
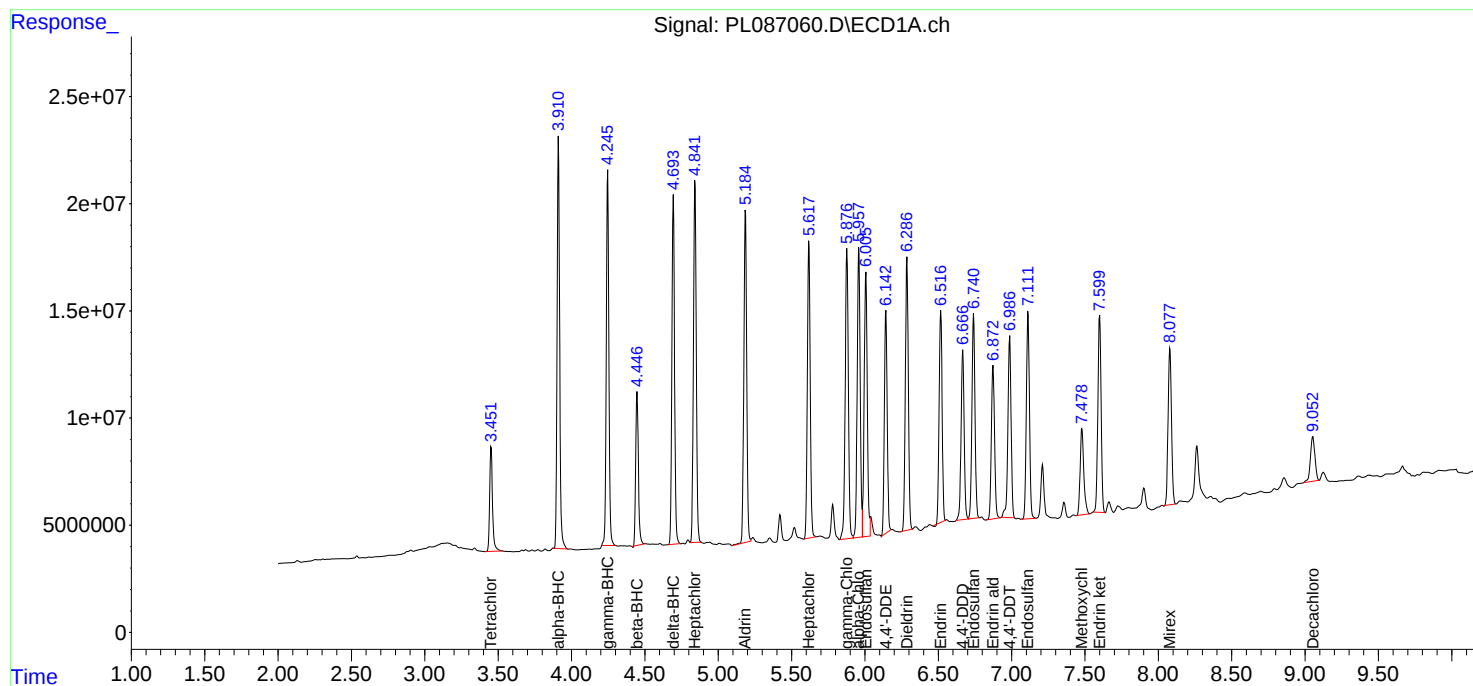
APPROVED

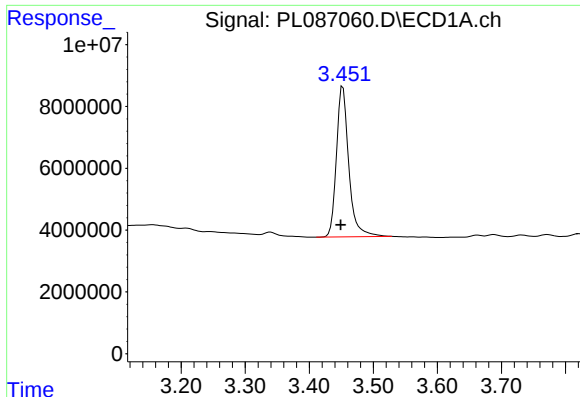
Reviewed By :Abdul Mirza 12/12/2023

Supervised By :Ankita Jodhani 12/12/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 00:26:33 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
Quant Title : GC Extractables
QLast Update : Thu Dec 07 00:53:18 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





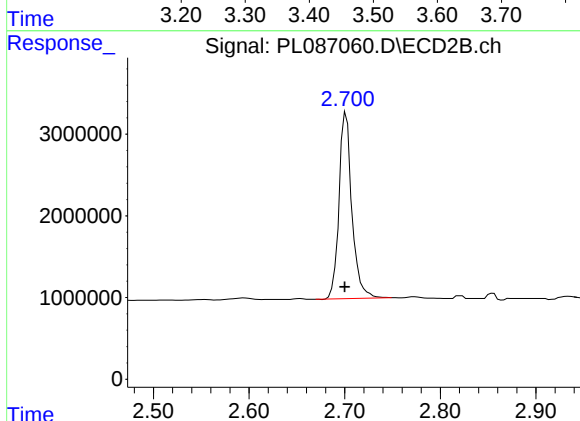
#1 Tetrachloro-m-xylene

R.T.: 3.452 min
Delta R.T.: 0.003 min
Response: 65227740
Conc: 20.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

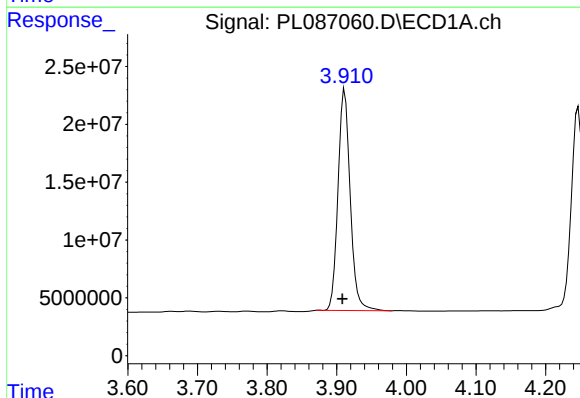
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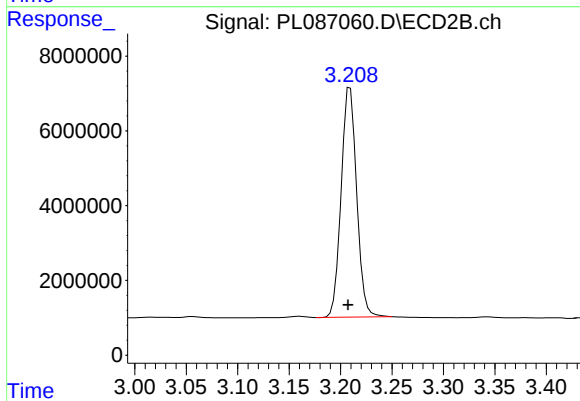
#1 Tetrachloro-m-xylene

R.T.: 2.702 min
Delta R.T.: 0.002 min
Response: 21297723
Conc: 21.77 ng/ml



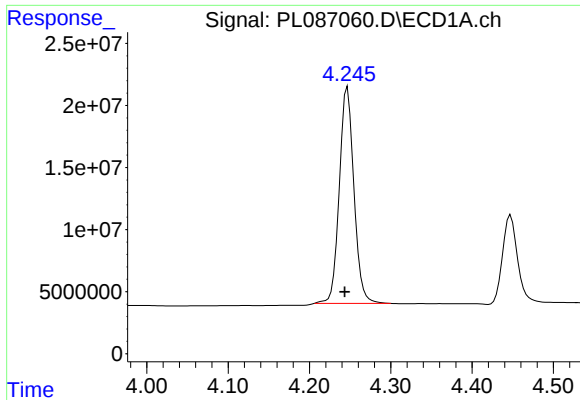
#2 alpha-BHC

R.T.: 3.912 min
Delta R.T.: 0.003 min
Response: 233385125
Conc: 51.86 ng/ml



#2 alpha-BHC

R.T.: 3.209 min
Delta R.T.: 0.002 min
Response: 64485440
Conc: 50.32 ng/ml



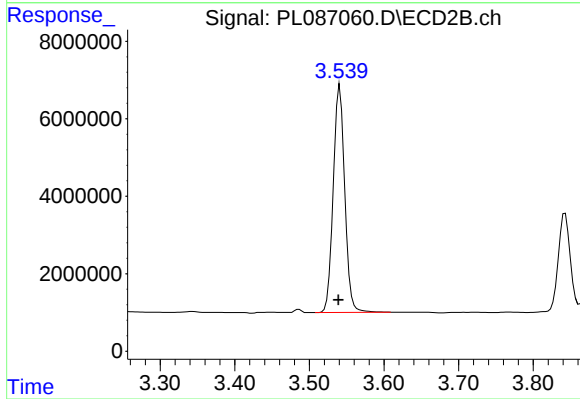
#3 gamma-BHC (Lindane)

R.T.: 4.247 min
Delta R.T.: 0.003 min
Response: 217493626
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

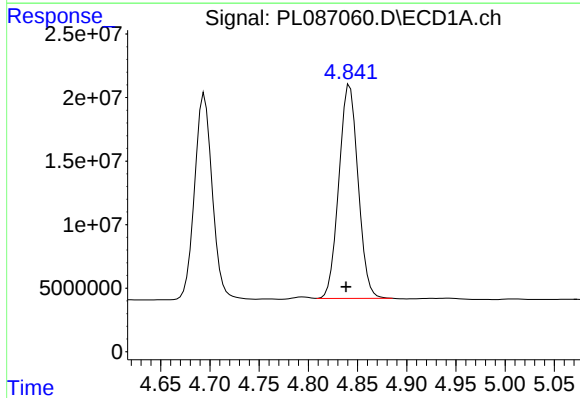
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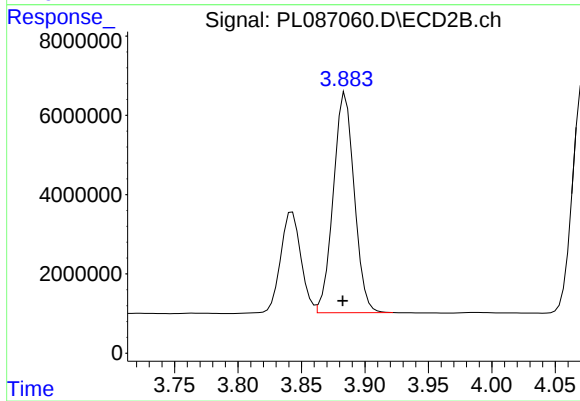
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 63072182
Conc: 49.80 ng/ml



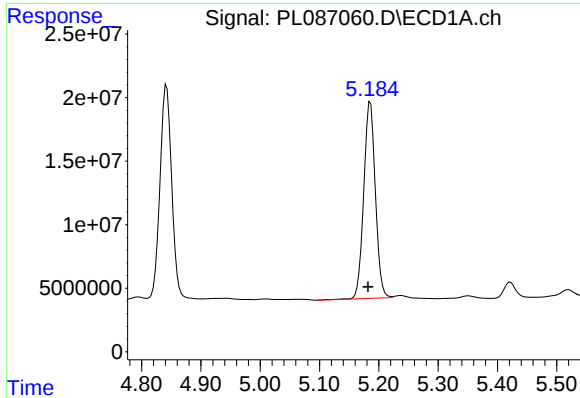
#4 Heptachlor

R.T.: 4.841 min
Delta R.T.: 0.002 min
Response: 228300946
Conc: 56.47 ng/ml m



#4 Heptachlor

R.T.: 3.885 min
Delta R.T.: 0.002 min
Response: 63717687
Conc: 51.19 ng/ml



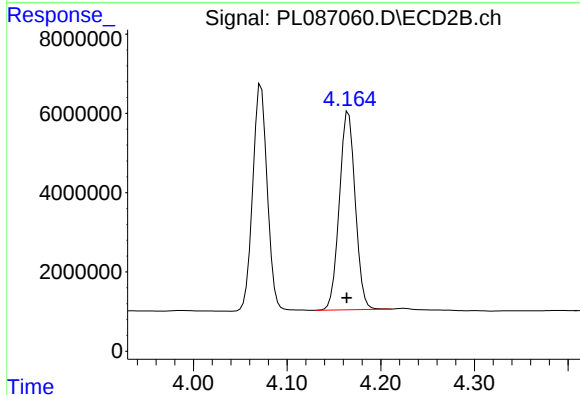
#5 Aldrin

R.T.: 5.186 min
Delta R.T.: 0.004 min
Response: 210259201
Conc: 52.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

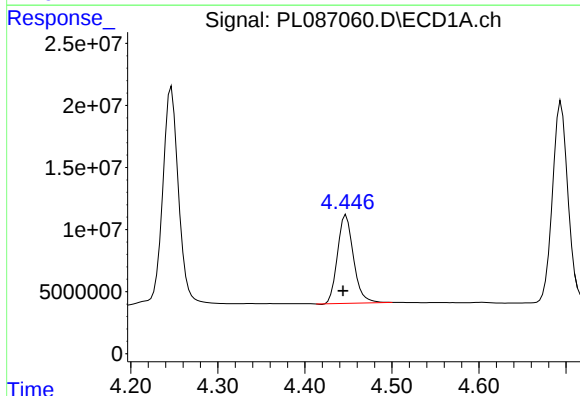
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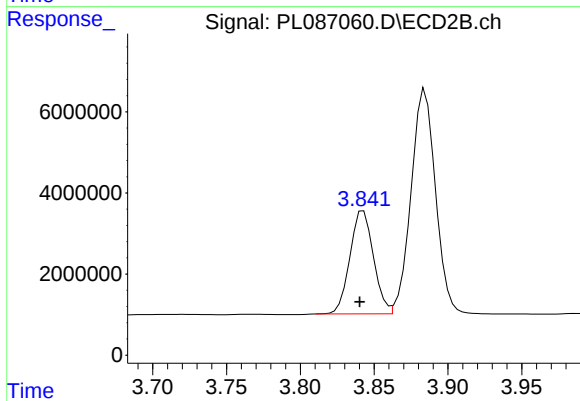
#5 Aldrin

R.T.: 4.166 min
Delta R.T.: 0.002 min
Response: 59062365
Conc: 49.10 ng/ml



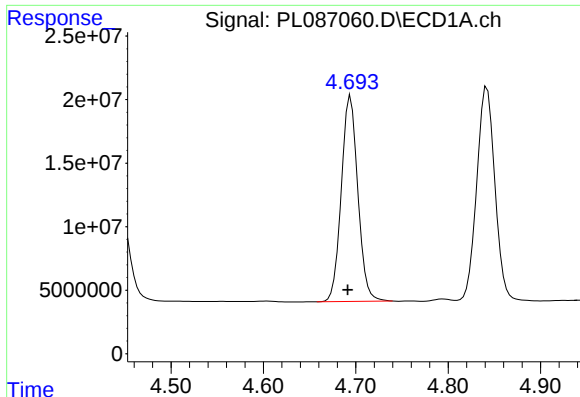
#6 beta-BHC

R.T.: 4.447 min
Delta R.T.: 0.003 min
Response: 90992341
Conc: 53.51 ng/ml



#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.003 min
Response: 28222731
Conc: 49.75 ng/ml



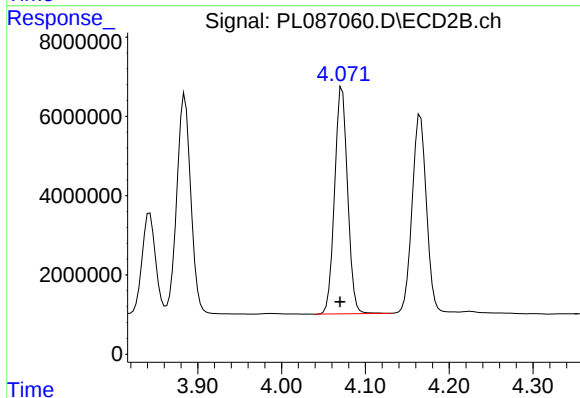
#7 delta-BHC

R.T.: 4.694 min
Delta R.T.: 0.003 min
Response: 201316610
Conc: 55.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

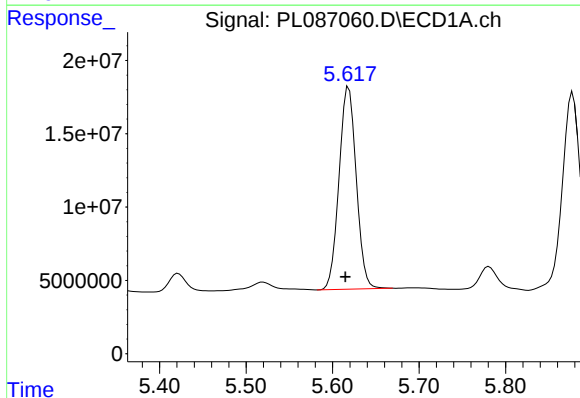
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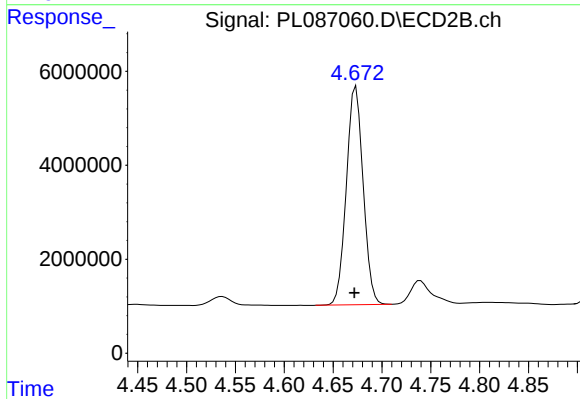
#7 delta-BHC

R.T.: 4.072 min
Delta R.T.: 0.002 min
Response: 61571731
Conc: 50.66 ng/ml



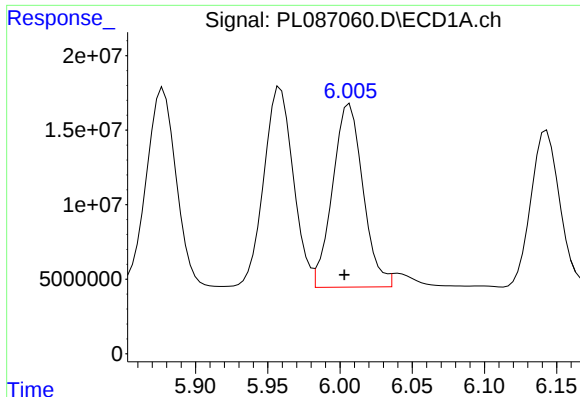
#8 Heptachlor epoxide

R.T.: 5.619 min
Delta R.T.: 0.004 min
Response: 189970836
Conc: 53.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.673 min
Delta R.T.: 0.002 min
Response: 55585839
Conc: 50.32 ng/ml



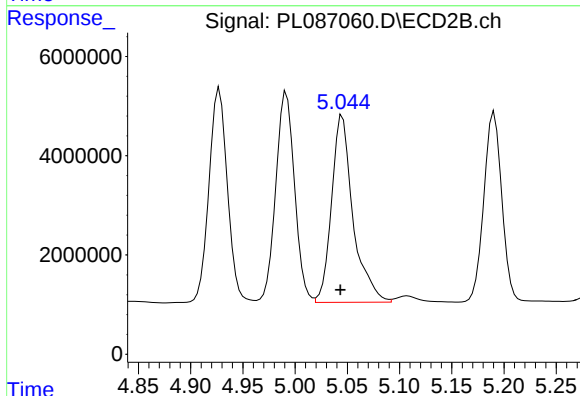
#9 Endosulfan I

R.T.: 6.007 min
Delta R.T.: 0.004 min
Response: 180282556
Conc: 55.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

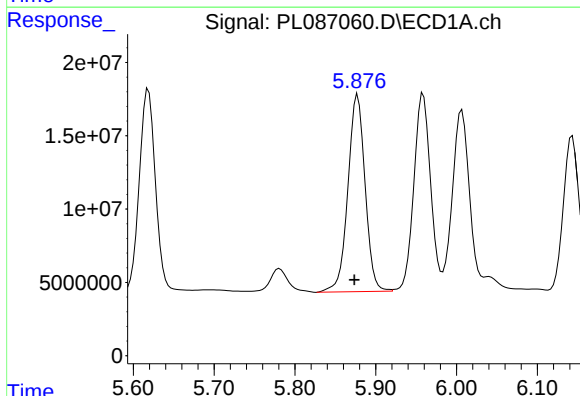
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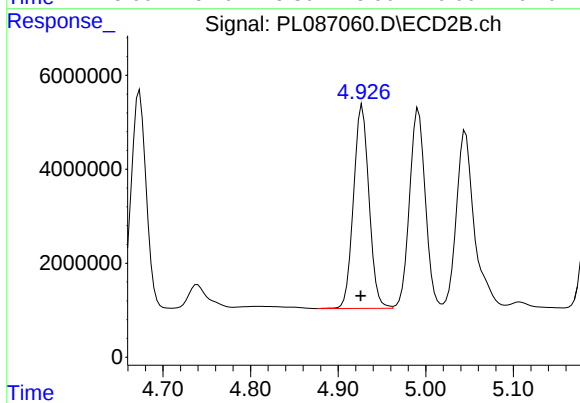
#9 Endosulfan I

R.T.: 5.045 min
Delta R.T.: 0.002 min
Response: 53799252
Conc: 50.62 ng/ml



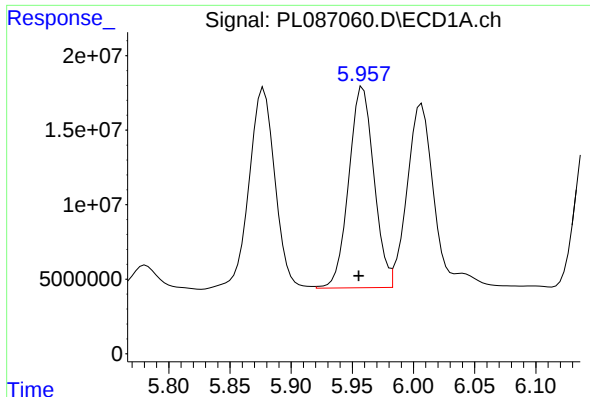
#10 gamma-Chlordane

R.T.: 5.878 min
Delta R.T.: 0.004 min
Response: 198799890
Conc: 57.80 ng/ml



#10 gamma-Chlordane

R.T.: 4.928 min
Delta R.T.: 0.002 min
Response: 53218901
Conc: 49.46 ng/ml



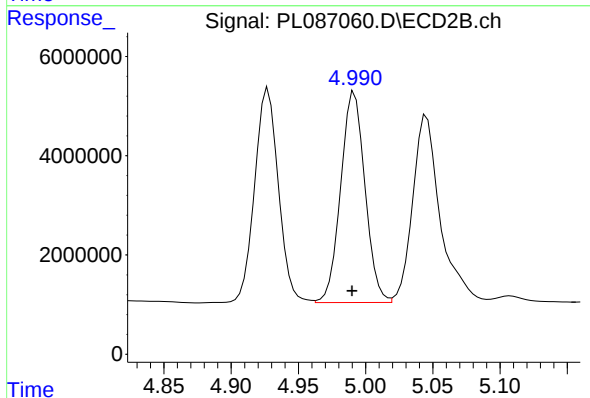
#11 alpha-Chlordane

R.T.: 5.959 min
Delta R.T.: 0.003 min
Response: 192792045
Conc: 56.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

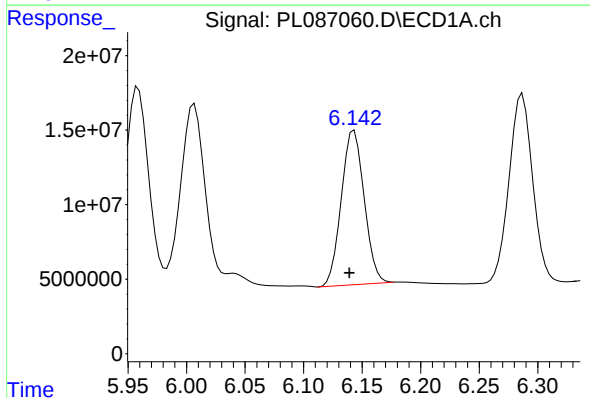
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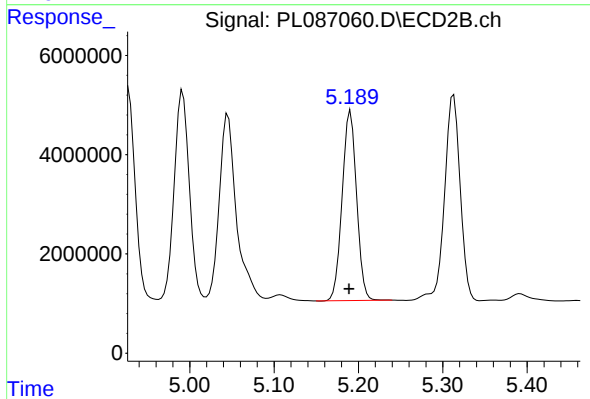
#11 alpha-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.002 min
Response: 53324888
Conc: 47.85 ng/ml



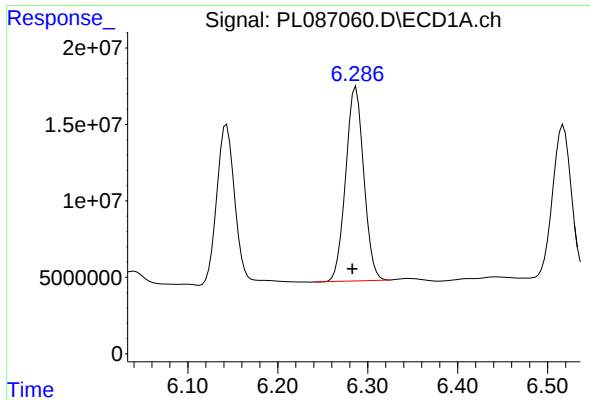
#12 4,4'-DDE

R.T.: 6.142 min
Delta R.T.: 0.003 min
Response: 141162504
Conc: 56.30 ng/ml m



#12 4,4'-DDE

R.T.: 5.191 min
Delta R.T.: 0.002 min
Response: 45526639
Conc: 51.23 ng/ml



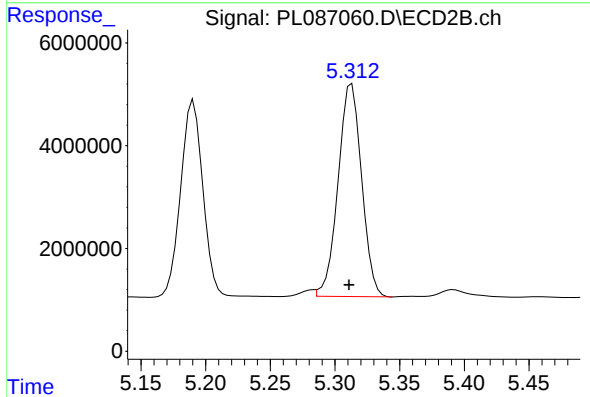
#13 Dieldrin

R.T.: 6.287 min
Delta R.T.: 0.004 min
Response: 177495026
Conc: 54.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

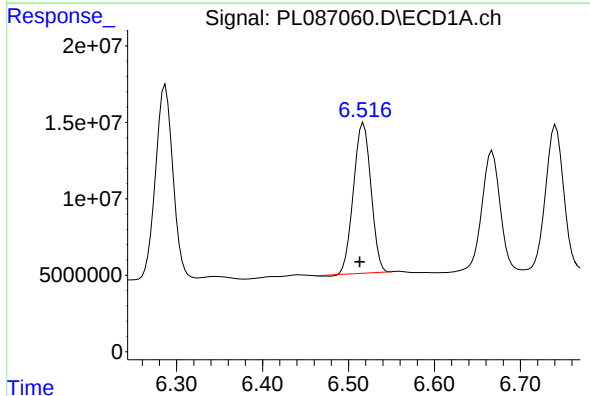
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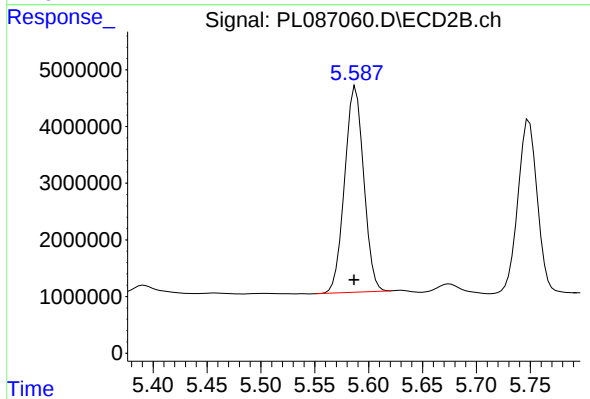
#13 Dieldrin

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 52253326
Conc: 52.14 ng/ml m



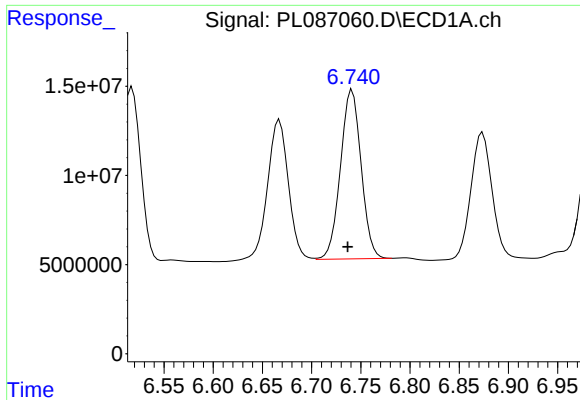
#14 Endrin

R.T.: 6.518 min
Delta R.T.: 0.004 min
Response: 138419864
Conc: 62.72 ng/ml



#14 Endrin

R.T.: 5.588 min
Delta R.T.: 0.001 min
Response: 44809312
Conc: 54.93 ng/ml



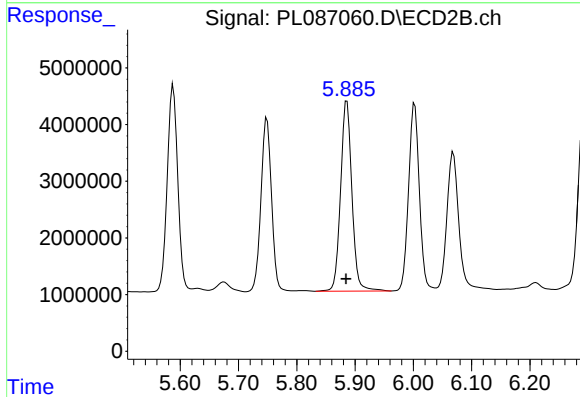
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.004 min
Response: 138816551
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

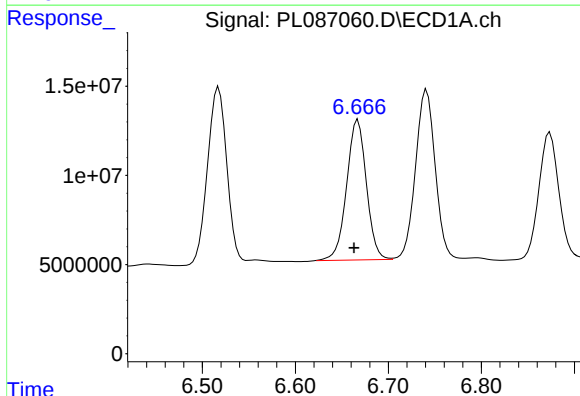
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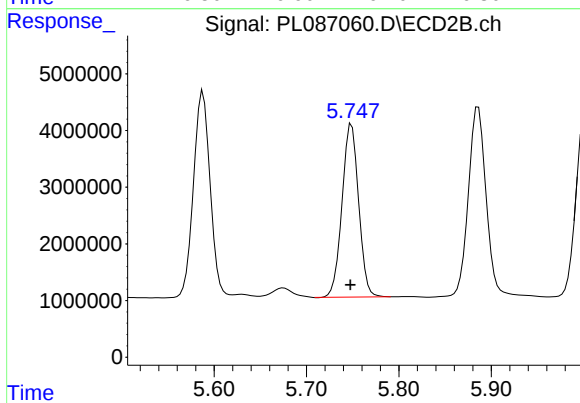
#15 Endosulfan II

R.T.: 5.886 min
Delta R.T.: 0.001 min
Response: 45435627
Conc: 51.62 ng/ml



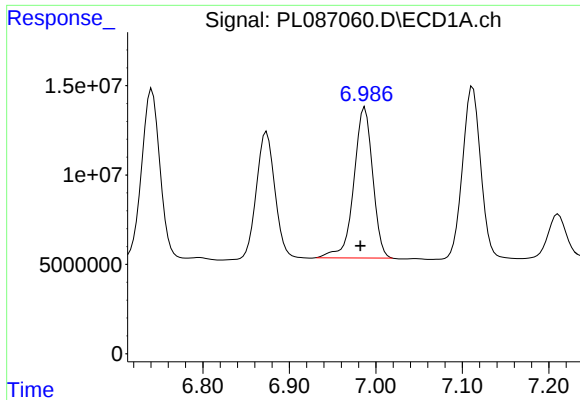
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.004 min
Response: 116086094
Conc: 57.76 ng/ml



#16 4,4'-DDD

R.T.: 5.749 min
Delta R.T.: 0.001 min
Response: 38269857
Conc: 49.36 ng/ml



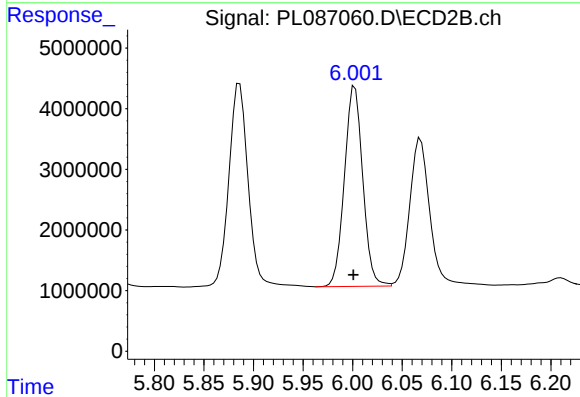
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: 0.005 min
Response: 127664264
Conc: 64.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

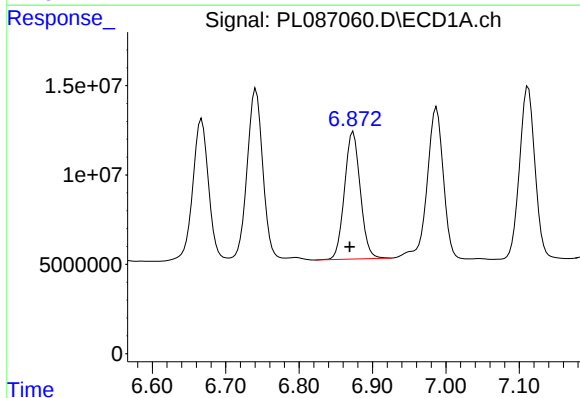
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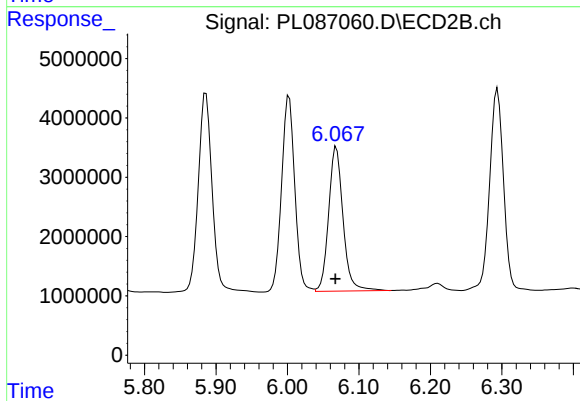
#17 4,4'-DDT

R.T.: 6.002 min
Delta R.T.: 0.001 min
Response: 42494965
Conc: 55.97 ng/ml



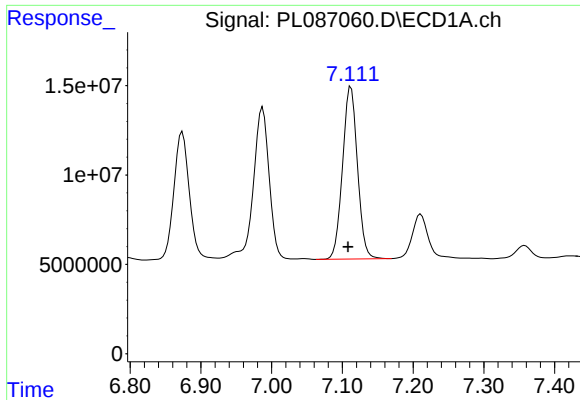
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.005 min
Response: 106585902
Conc: 58.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 34219935
Conc: 49.97 ng/ml



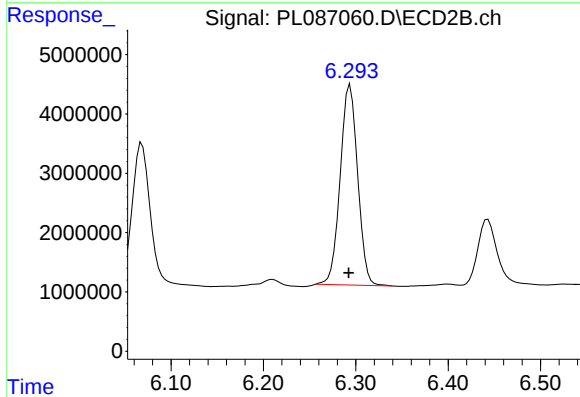
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.004 min
Response: 141144963
Conc: 57.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

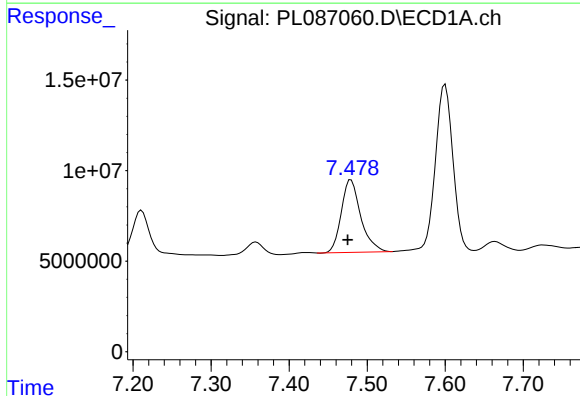
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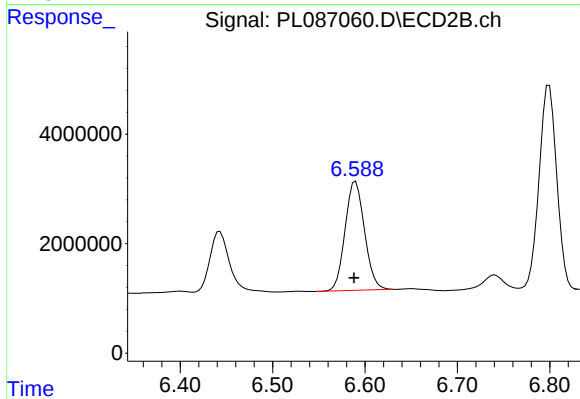
#19 Endosulfan Sulfate

R.T.: 6.294 min
Delta R.T.: 0.002 min
Response: 44384920
Conc: 50.30 ng/ml



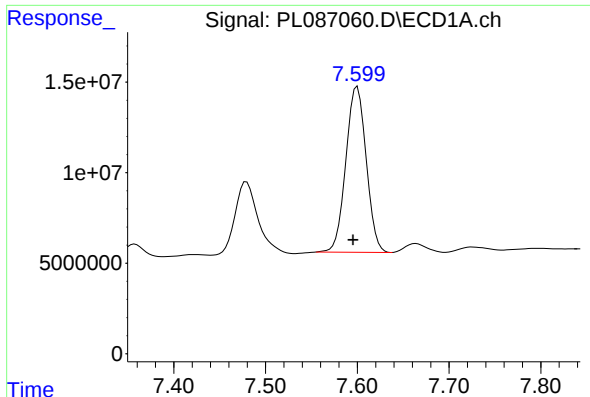
#20 Methoxychlor

R.T.: 7.479 min
Delta R.T.: 0.004 min
Response: 69363503
Conc: 65.16 ng/ml



#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.002 min
Response: 29093438
Conc: 60.85 ng/ml



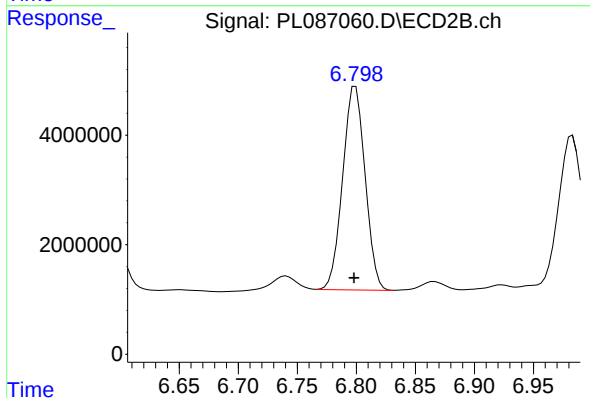
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.005 min
Response: 141223382
Conc: 55.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

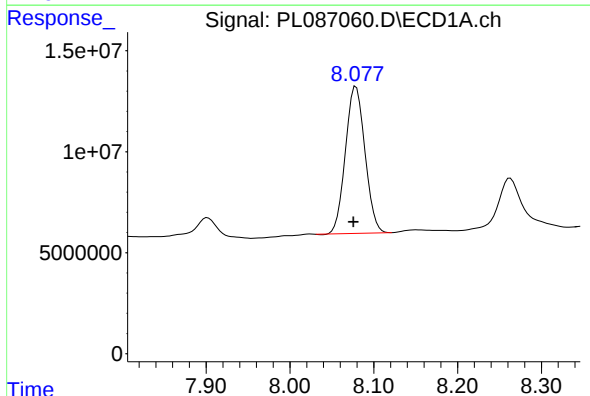
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



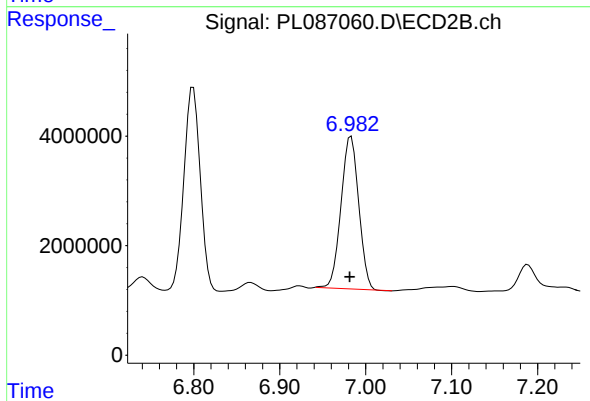
#21 Endrin ketone

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 49152059
Conc: 48.60 ng/ml m



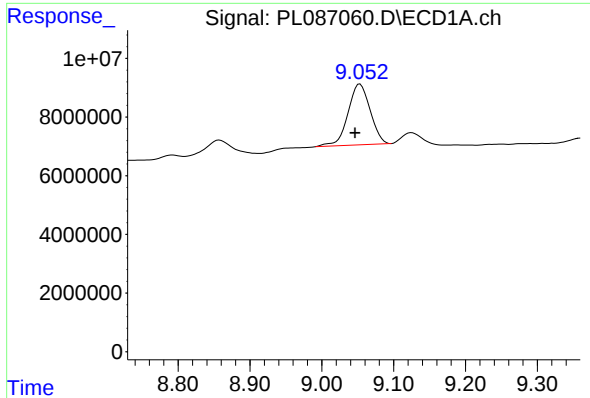
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.003 min
Response: 118080499
Conc: 52.43 ng/ml



#22 Mirex

R.T.: 6.983 min
Delta R.T.: 0.001 min
Response: 39950187
Conc: 45.02 ng/ml



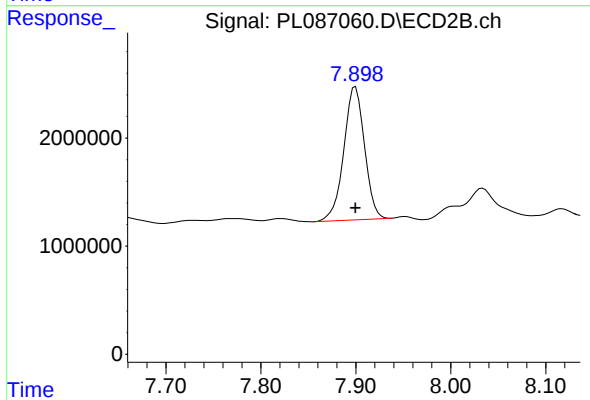
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.007 min
Response: 44361480
Conc: 19.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 18666917
Conc: 19.40 ng/ml