

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
 Data File : PL081815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 13:55
 Operator : AR\AJ
 Sample : 02136-01MS 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-03-033023MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/03/2023
 Supervised By : Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 22:13:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.328	2.656	4123024	3538845	1.773	1.773
28) SA Decachlor...	8.751	7.775	3266070	3964169	1.825	1.999
Target Compounds						
2) A alpha-BHC	3.777	3.155	13383225	10903562	3.904	3.741
3) MA gamma-BHC...	4.104	3.483	12971245	12626474	4.083m	4.535
4) MA Heptachlor	4.686	3.816	12155181	11889322	3.856	4.147
5) MB Aldrin	5.023	4.084	12387803	2676493	4.331	1.005m#
6) B beta-BHC	4.307	3.782	9526048	6083558	6.329m	5.108
7) B delta-BHC	4.550	4.007	15457057	10070186	5.086	3.894m
8) B Heptachlo...	5.448	4.594	11850385	10549767	4.357m	4.344m
9) A Endosulfan I	5.830	4.964	10394567	7015441	4.207	3.178
10) B gamma-Chl...	5.702	4.844	12711158	11363622	4.842m	4.676
11) B alpha-Chl...	5.782	4.907	12727663	10816600	4.917	4.453
12) B 4,4'-DDE	5.961	5.098	7443503	8871179	3.303	4.504 #
13) MA Dieldrin	6.105	5.227	9808247	14838693	4.051	6.597 #
14) MA Endrin	6.332	5.501	8502779	9005132	4.020	4.450
15) B Endosulfa...	6.554	5.797	8557399	8777763	4.033	4.839m
16) A 4,4'-DDD	6.473	5.653	9449430	6857156	5.240m	4.519
17) MA 4,4'-DDT	6.787	5.901	9231091	6571084	4.548	3.813
18) B Endrin al...	6.683	5.979	7847229	7727410	4.796	4.976
19) B Endosulfa...	6.918	6.201	8222828	10463136	3.946	5.378 #
20) A Methoxychlor	7.266	6.482	3404304	4246871	3.161m	4.264 #
21) B Endrin ke...	7.398	6.706	13098036	8531689	6.253	3.992 #
22) Mirex	7.863	6.880	8503711	8527515	4.963	4.442

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
Data File : PL081815.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2023 13:55
Operator : AR\AJ
Sample : 02136-01MS 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

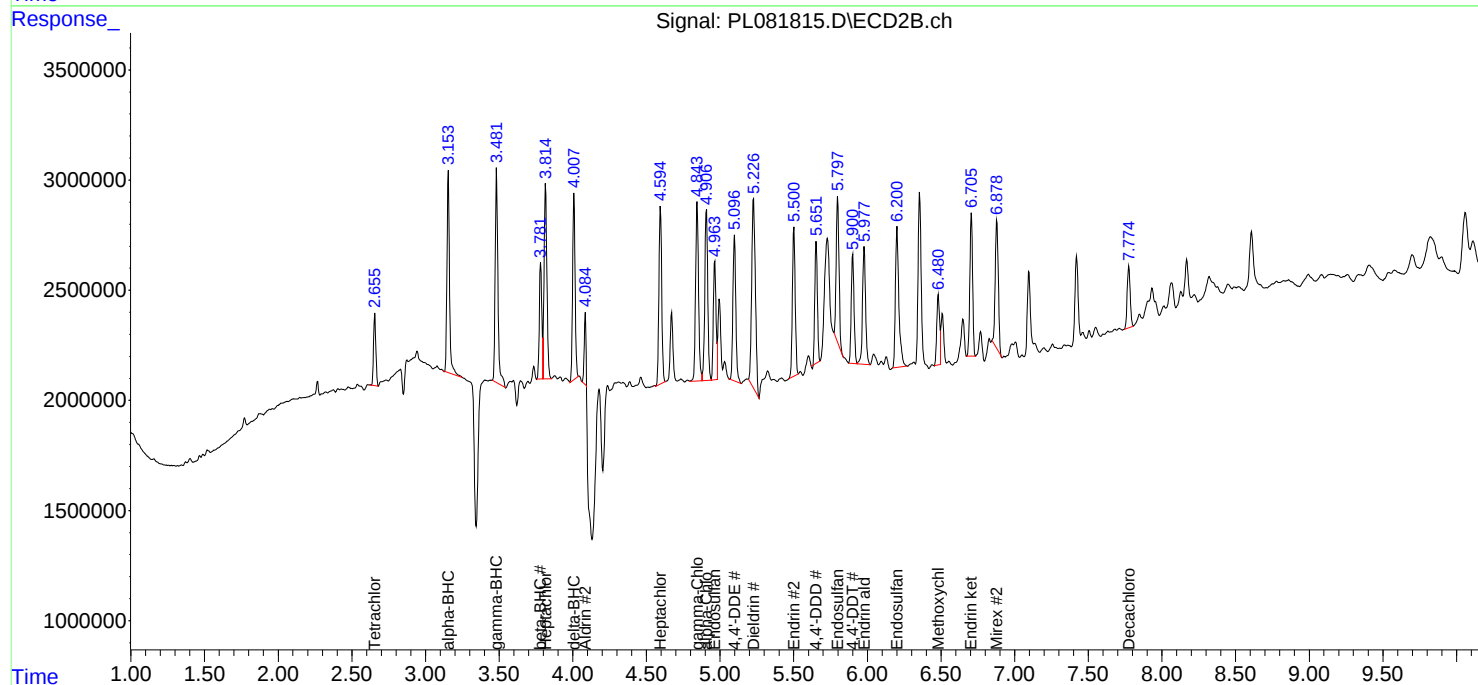
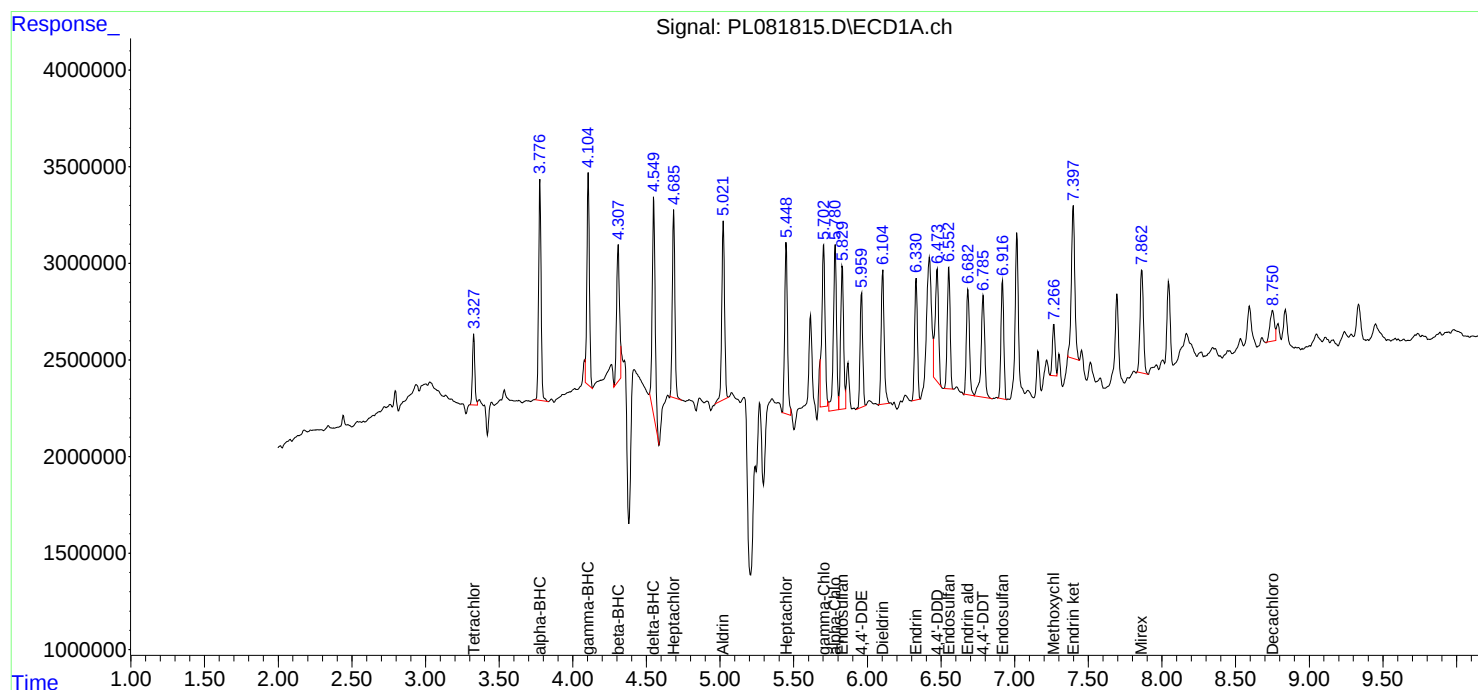
Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

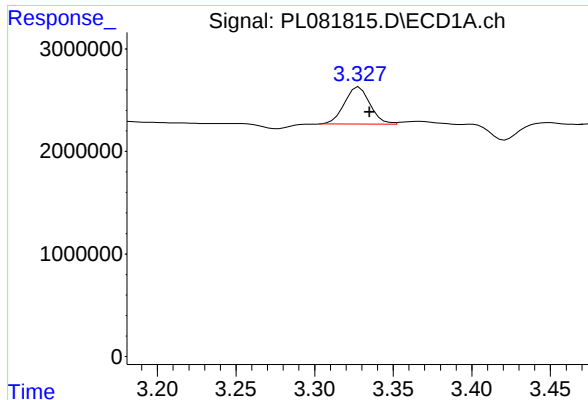
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/03/2023
Supervised By :Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 22:13:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





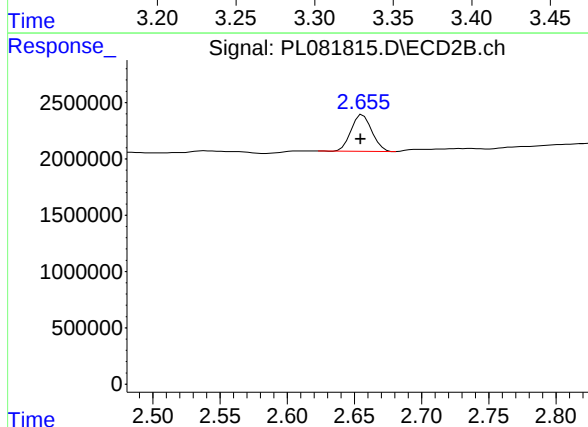
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 4123024
Conc: 1.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

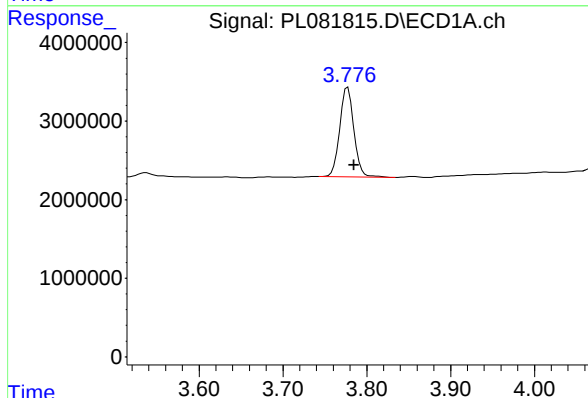
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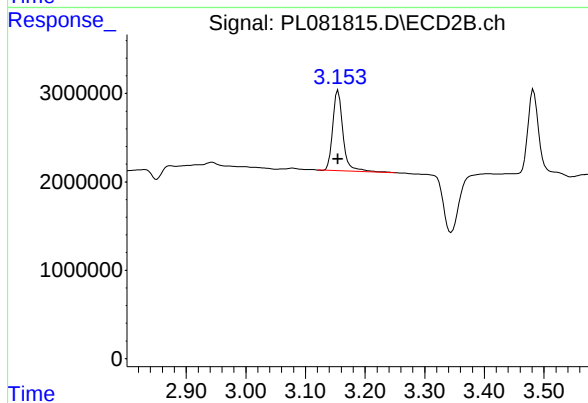
#1 Tetrachloro-m-xylene

R.T.: 2.656 min
Delta R.T.: 0.001 min
Response: 3538845
Conc: 1.77 ng/ml



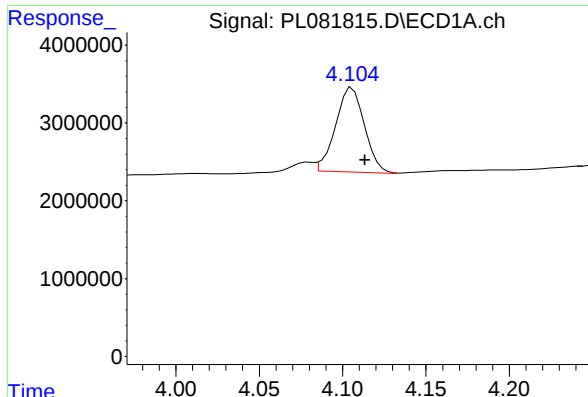
#2 alpha-BHC

R.T.: 3.777 min
Delta R.T.: -0.007 min
Response: 13383225
Conc: 3.90 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 10903562
Conc: 3.74 ng/ml



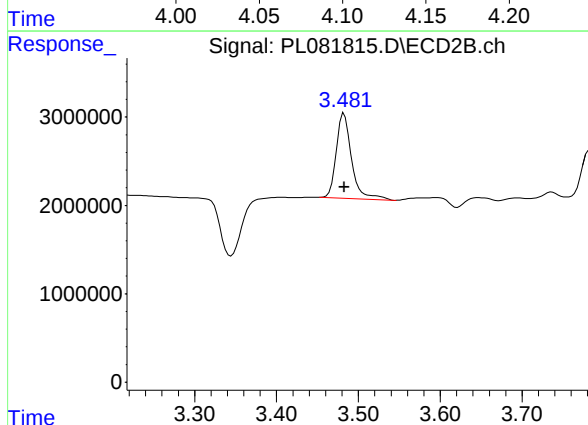
#3 gamma-BHC (Lindane)

R.T.: 4.104 min
Delta R.T.: -0.009 min
Response: 12971245
Conc: 4.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

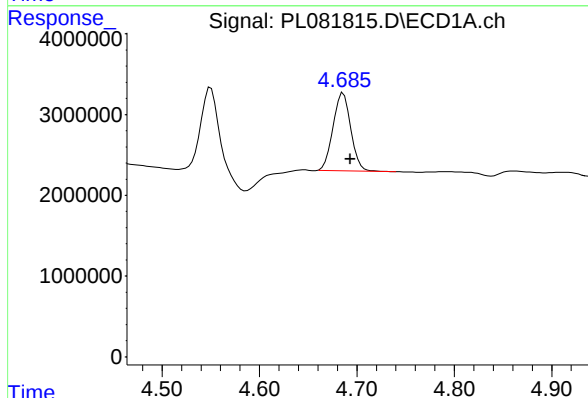
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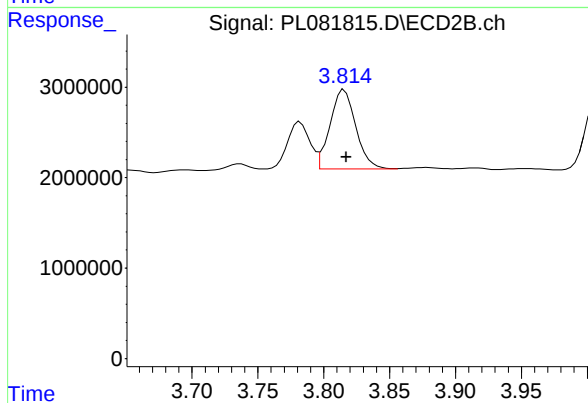
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 12626474
Conc: 4.54 ng/ml



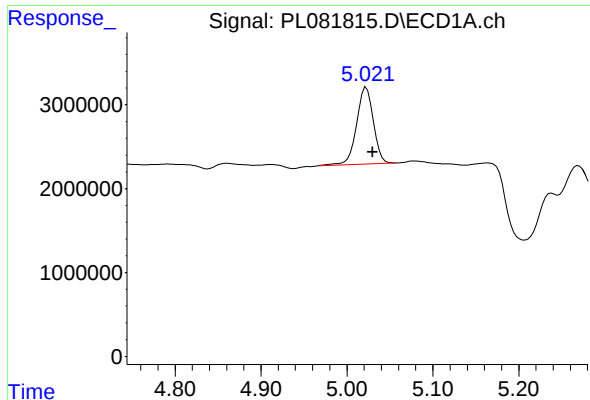
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.007 min
Response: 12155181
Conc: 3.86 ng/ml



#4 Heptachlor

R.T.: 3.816 min
Delta R.T.: -0.001 min
Response: 11889322
Conc: 4.15 ng/ml



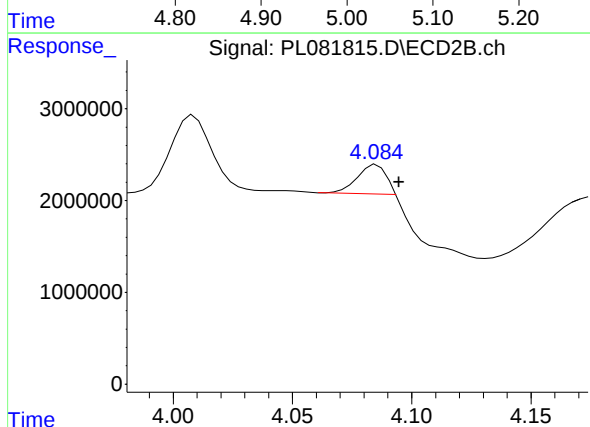
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.007 min
Response: 12387803
Conc: 4.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

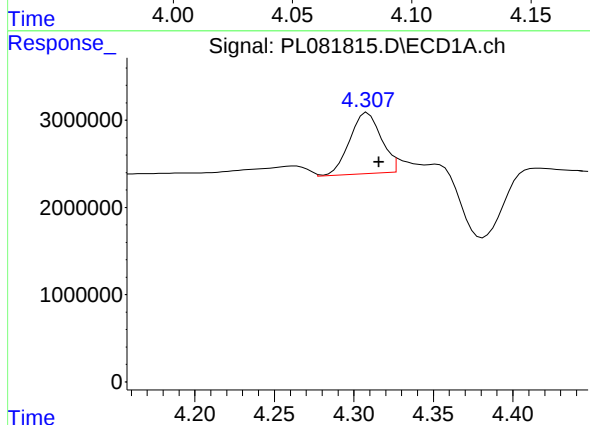
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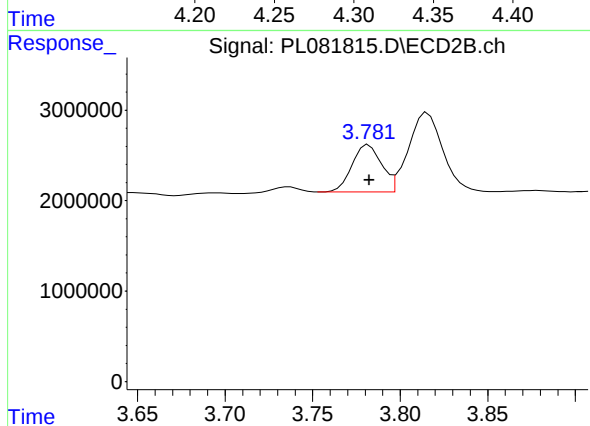
#5 Aldrin

R.T.: 4.084 min
Delta R.T.: -0.011 min
Response: 2676493
Conc: 1.00 ng/ml m



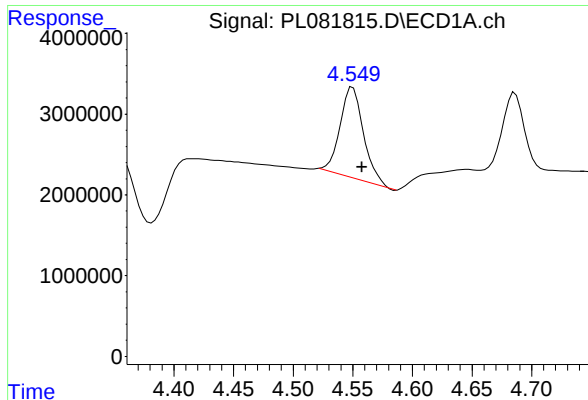
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: -0.008 min
Response: 9526048
Conc: 6.33 ng/ml m



#6 beta-BHC

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 6083558
Conc: 5.11 ng/ml



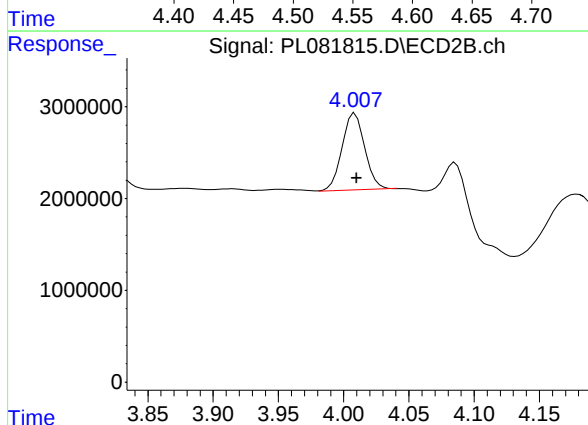
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: -0.008 min
Response: 15457057
Conc: 5.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

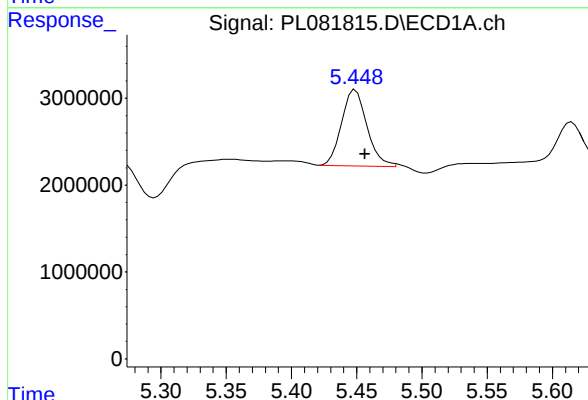
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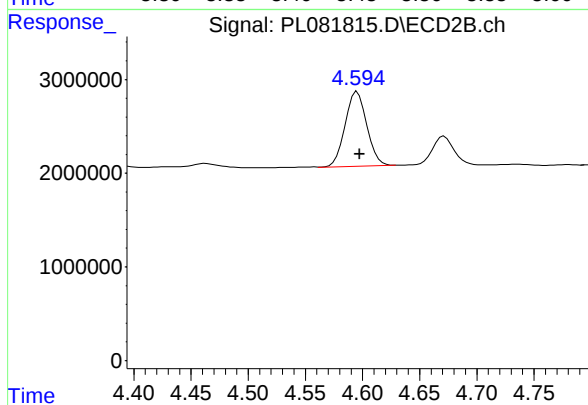
#7 delta-BHC

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 10070186
Conc: 3.89 ng/ml m



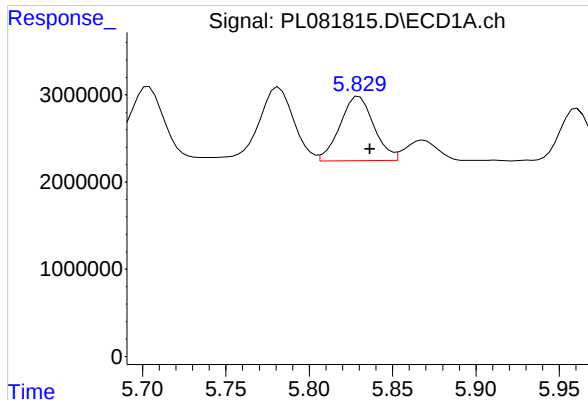
#8 Heptachlor epoxide

R.T.: 5.448 min
Delta R.T.: -0.009 min
Response: 11850385
Conc: 4.36 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.594 min
Delta R.T.: -0.003 min
Response: 10549767
Conc: 4.34 ng/ml m



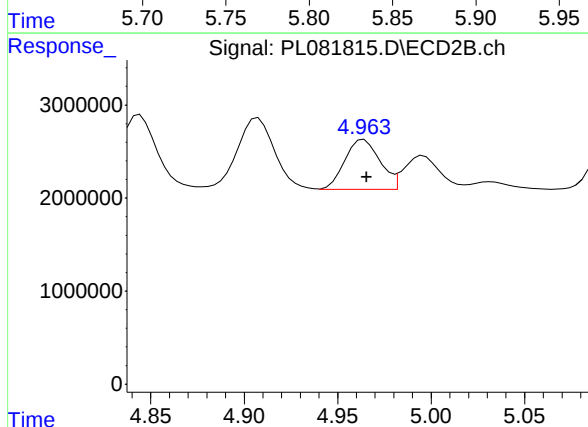
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: -0.006 min
Response: 10394567
Conc: 4.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

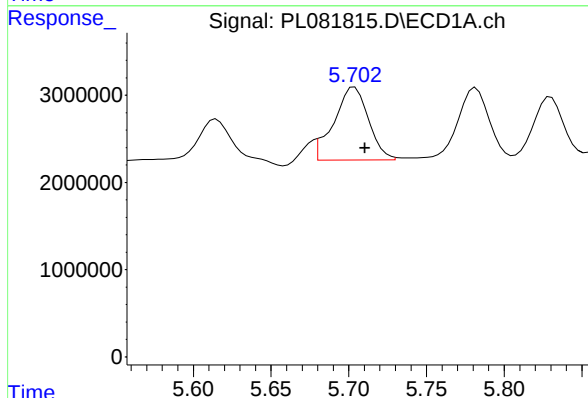
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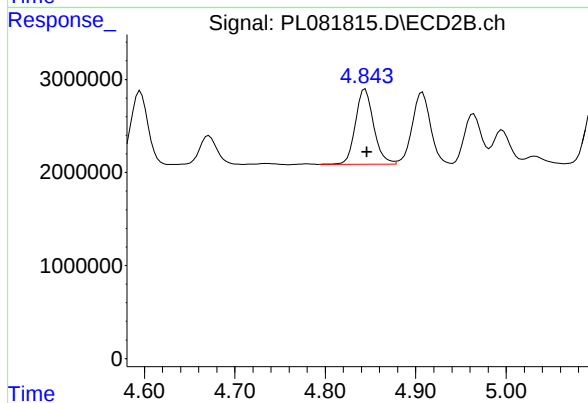
#9 Endosulfan I

R.T.: 4.964 min
Delta R.T.: -0.001 min
Response: 7015441
Conc: 3.18 ng/ml



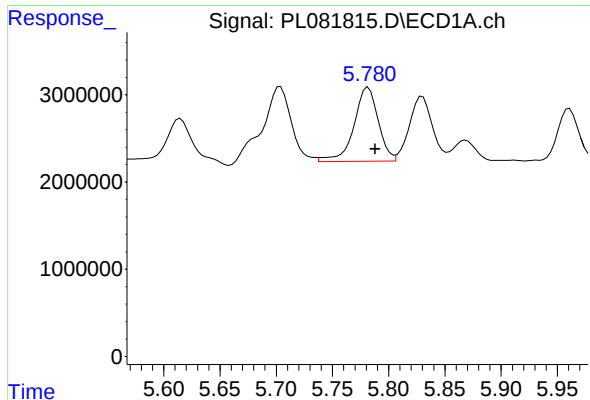
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 12711158
Conc: 4.84 ng/ml m



#10 gamma-Chlordane

R.T.: 4.844 min
Delta R.T.: -0.002 min
Response: 11363622
Conc: 4.68 ng/ml



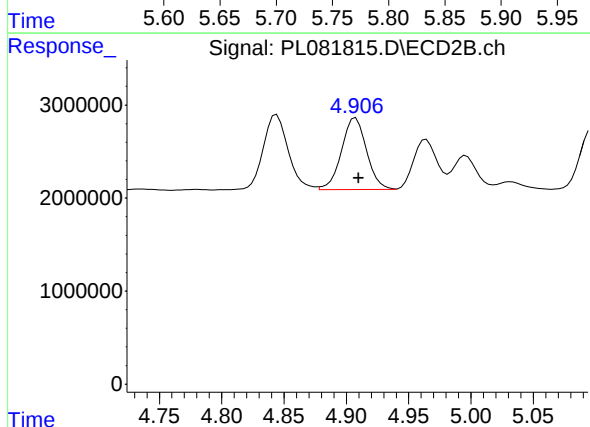
#11 alpha-Chlordane

R.T.: 5.782 min
Delta R.T.: -0.006 min
Response: 12727663
Conc: 4.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

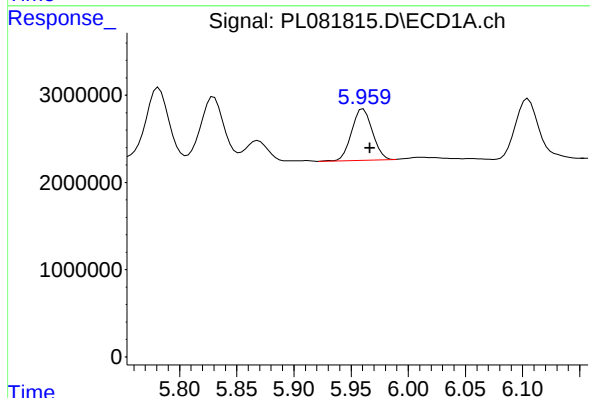
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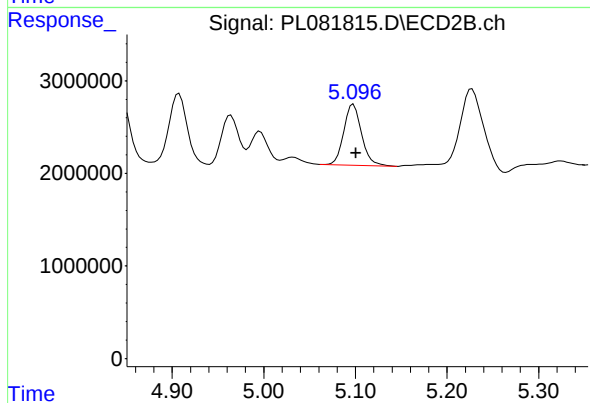
#11 alpha-Chlordane

R.T.: 4.907 min
Delta R.T.: -0.002 min
Response: 10816600
Conc: 4.45 ng/ml



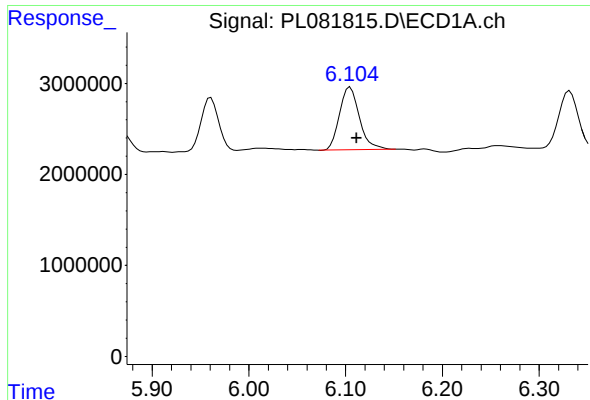
#12 4,4'-DDE

R.T.: 5.961 min
Delta R.T.: -0.006 min
Response: 7443503
Conc: 3.30 ng/ml



#12 4,4'-DDE

R.T.: 5.098 min
Delta R.T.: -0.003 min
Response: 8871179
Conc: 4.50 ng/ml



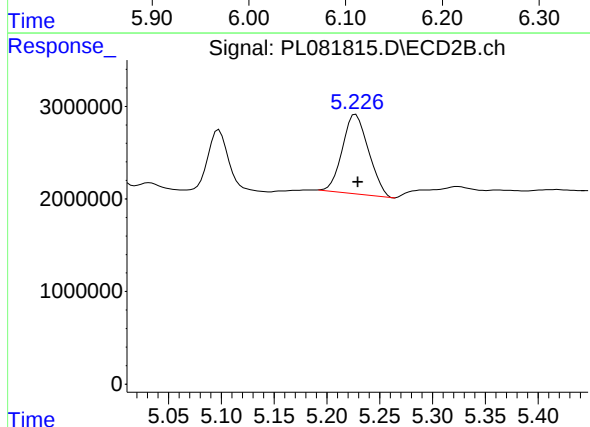
#13 Dieldrin

R.T.: 6.105 min
Delta R.T.: -0.006 min
Response: 9808247
Conc: 4.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

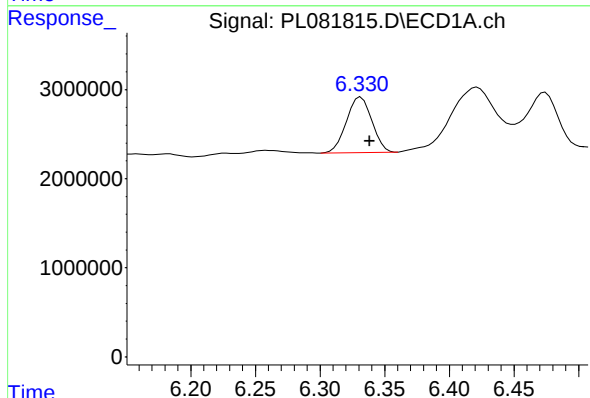
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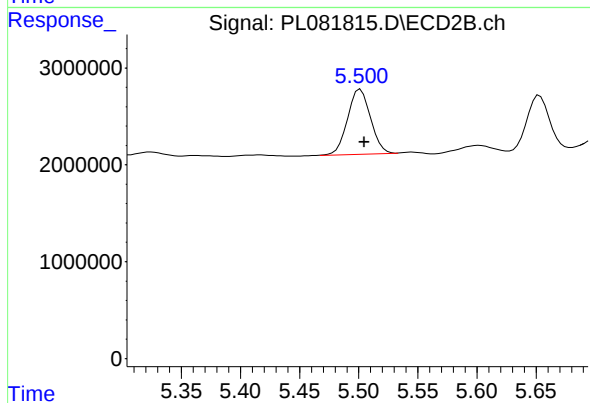
#13 Dieldrin

R.T.: 5.227 min
Delta R.T.: -0.002 min
Response: 14838693
Conc: 6.60 ng/ml



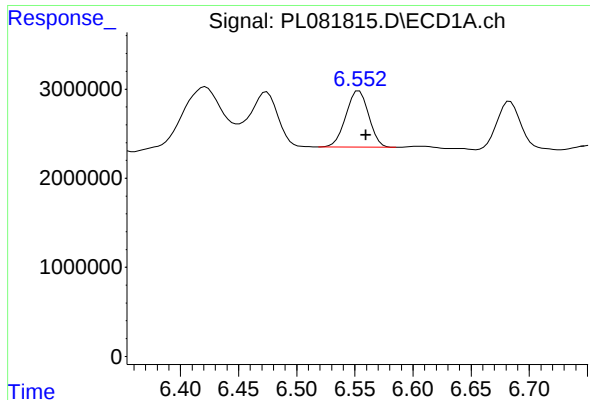
#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.007 min
Response: 8502779
Conc: 4.02 ng/ml



#14 Endrin

R.T.: 5.501 min
Delta R.T.: -0.003 min
Response: 9005132
Conc: 4.45 ng/ml



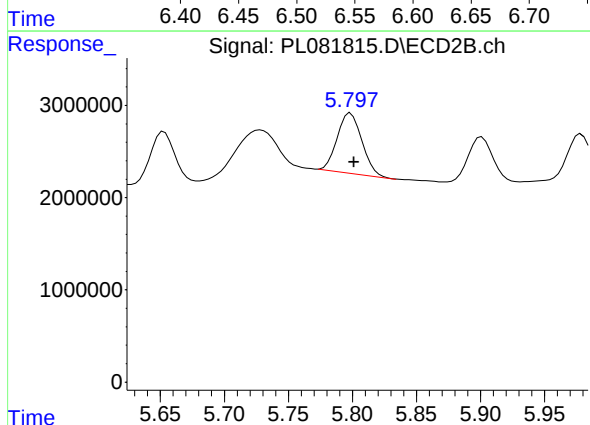
#15 Endosulfan II

R.T.: 6.554 min
Delta R.T.: -0.006 min
Response: 8557399
Conc: 4.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

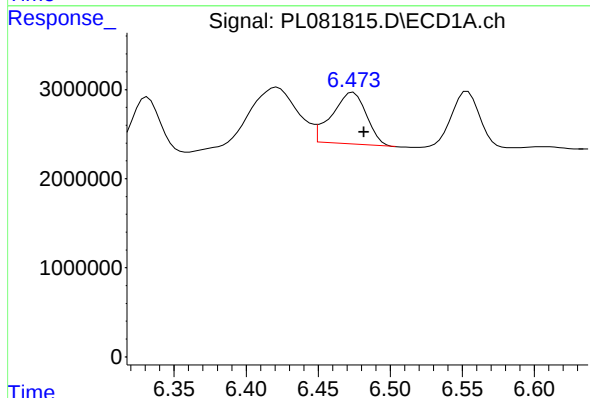
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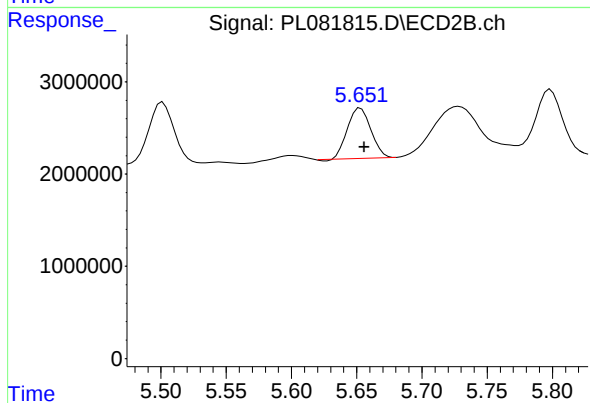
#15 Endosulfan II

R.T.: 5.797 min
Delta R.T.: -0.004 min
Response: 8777763
Conc: 4.84 ng/ml m



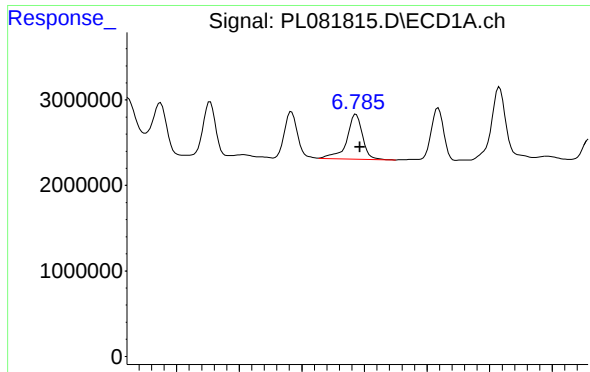
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: -0.009 min
Response: 9449430
Conc: 5.24 ng/ml m



#16 4,4'-DDD

R.T.: 5.653 min
Delta R.T.: -0.003 min
Response: 6857156
Conc: 4.52 ng/ml



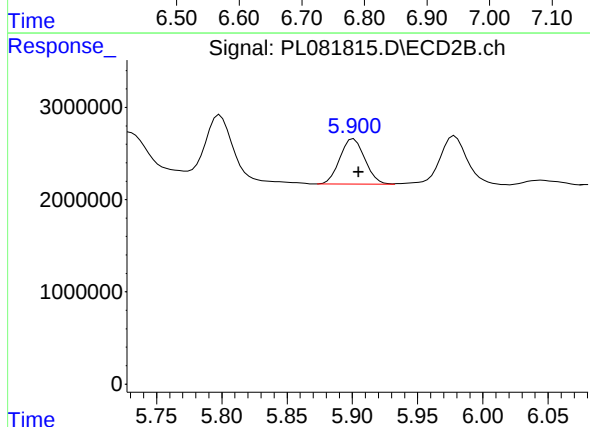
#17 4,4'-DDT

R.T.: 6.787 min
Delta R.T.: -0.006 min
Response: 9231091
Conc: 4.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

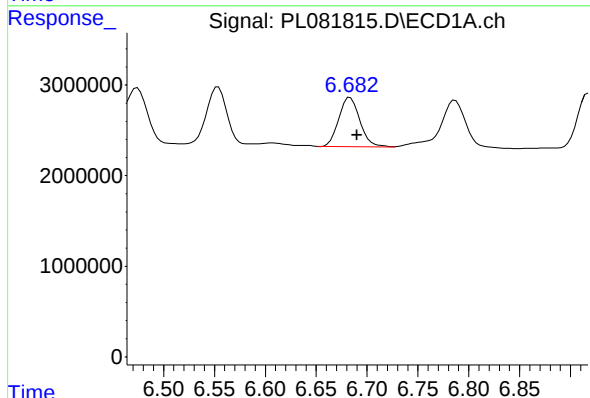
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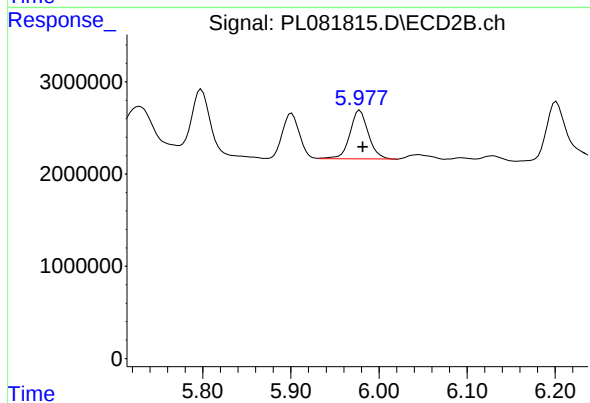
#17 4,4'-DDT

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 6571084
Conc: 3.81 ng/ml



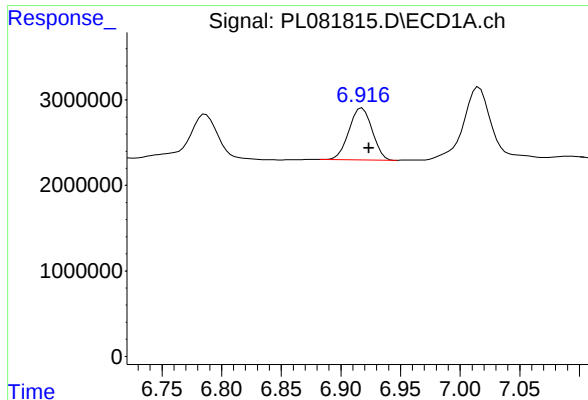
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 7847229
Conc: 4.80 ng/ml



#18 Endrin aldehyde

R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 7727410
Conc: 4.98 ng/ml



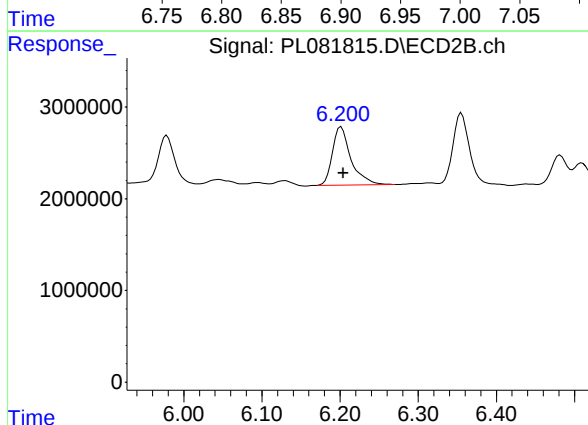
#19 Endosulfan Sulfate

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 8222828
Conc: 3.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

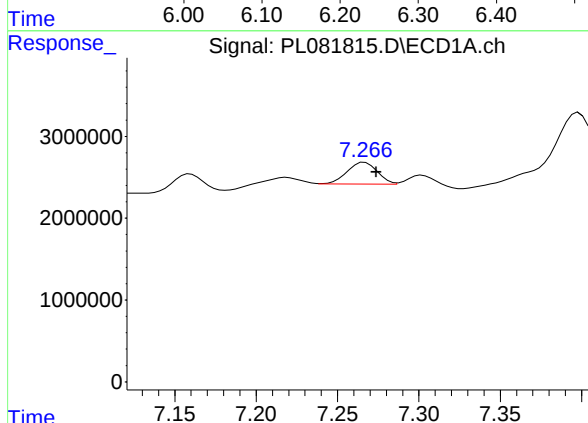
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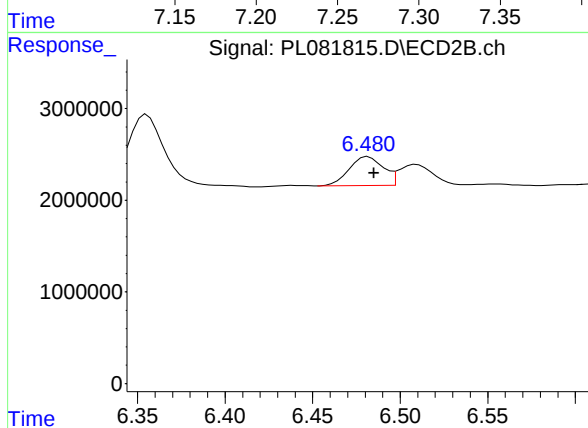
#19 Endosulfan Sulfate

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 10463136
Conc: 5.38 ng/ml



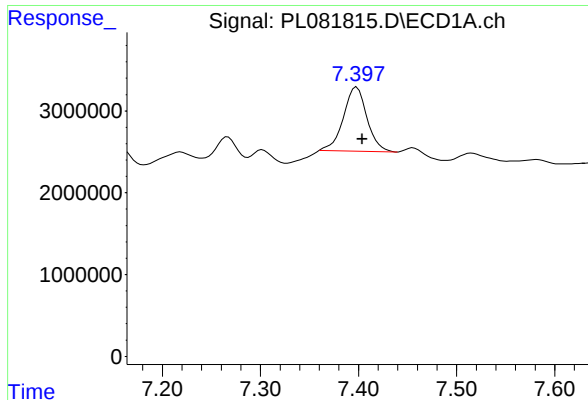
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 3404304
Conc: 3.16 ng/ml m



#20 Methoxychlor

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 4246871
Conc: 4.26 ng/ml



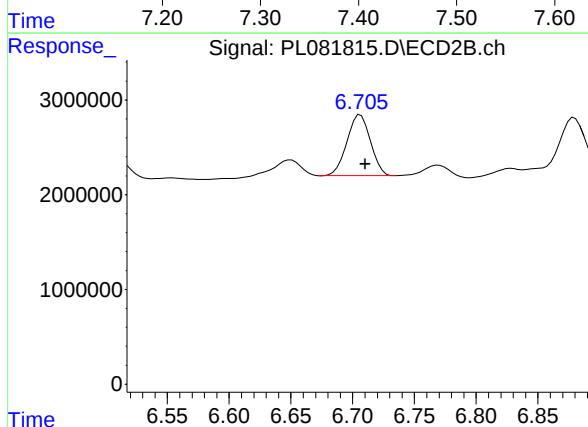
#21 Endrin ketone

R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 13098036
Conc: 6.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

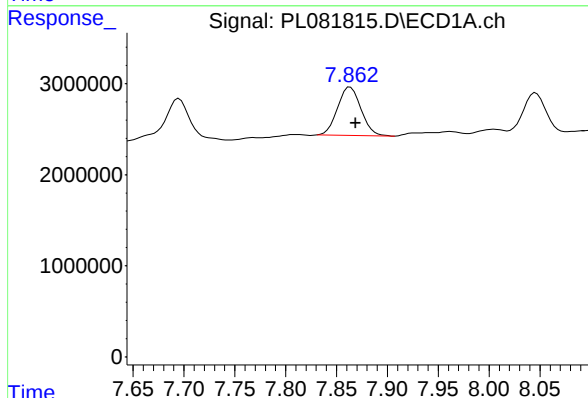
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/03/2023
Supervised By :Ankita Jodhani 04/03/2023



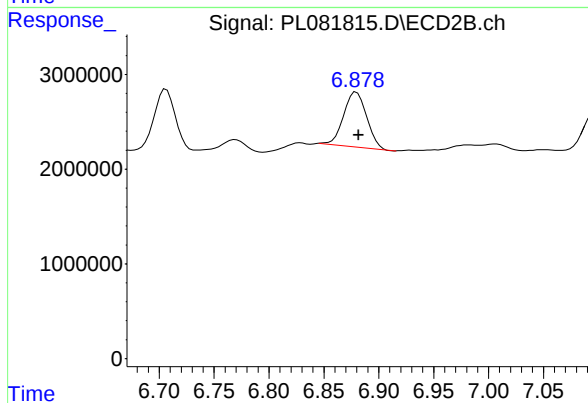
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 8531689
Conc: 3.99 ng/ml



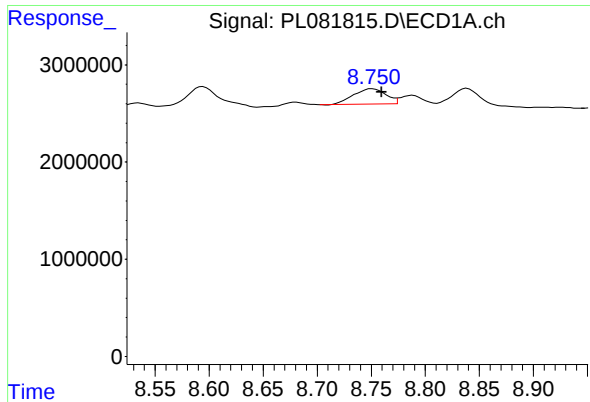
#22 Mirex

R.T.: 7.863 min
Delta R.T.: -0.005 min
Response: 8503711
Conc: 4.96 ng/ml



#22 Mirex

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 8527515
Conc: 4.44 ng/ml



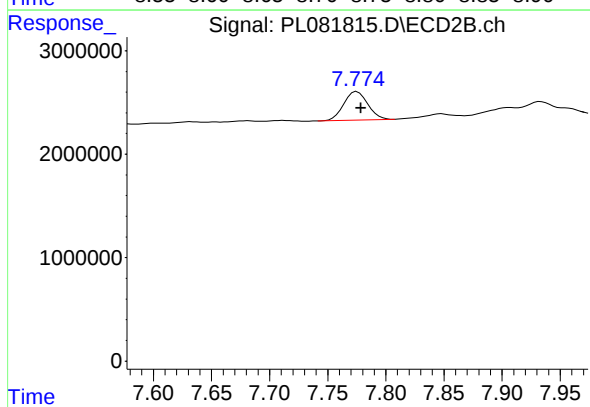
#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.008 min
Response: 3266070
Conc: 1.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: -0.004 min
Response: 3964169
Conc: 2.00 ng/ml