

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
 Data File : PL081816.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 14:08
 Operator : AR\AJ
 Sample : 02136-01MSD 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-03-033023MSD

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 22:14:48 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...	3.329	2.657	3781880	3477768	1.626	1.742
28) SA Decachlor...	8.751	7.777	3217526	4016462	1.798m	2.025
Target Compounds						
2) A alpha-BHC	3.779	3.156	13219962	10141091	3.856	3.479
3) MA gamma-BHC...	4.107	3.484	11615944	12305591	3.656	4.420
4) MA Heptachlor	4.687	3.817	12338740	11459749	3.914	3.997
5) MB Aldrin	5.024	4.085	12513391	2470388	4.375	0.927m#
6) B beta-BHC	4.309	3.782	9713409	6205981	6.454m	5.211m
7) B delta-BHC	4.551	4.009	15588136	9976743	5.129	3.858m
8) B Heptachlo...	5.450	4.595	12479964	10713316	4.588	4.411m
9) A Endosulfan I	5.831	4.965	10505805	6772118	4.252	3.067 #
10) B gamma-Chl...	5.704	4.846	12097734	10930388	4.608m	4.497
11) B alpha-Chl...	5.784	4.908	12472575	10358593	4.819	4.265
12) B 4,4'-DDE	5.962	5.099	7490443	8577409	3.324	4.354 #
13) MA Dieldrin	6.106	5.229	9635017	14358397	3.980	6.383 #
14) MA Endrin	6.333	5.503	8653413	8858173	4.091	4.377
15) B Endosulfa...	6.555	5.799	8849649	8763054	4.170	4.831m
16) A 4,4'-DDD	6.474	5.653	10502683	7006822	5.824m	4.617m
17) MA 4,4'-DDT	6.788	5.903	8944276	6287342	4.407	3.648
18) B Endrin al...	6.685	5.980	7546439	7447223	4.612	4.795
19) B Endosulfa...	6.919	6.203	8049150	10100607	3.862	5.191 #
20) A Methoxychlor	7.268	6.483	4643655	4212987	4.312m	4.230
21) B Endrin ke...	7.398	6.706	8991644	8424880	4.293m	3.942m
22) Mirex	7.864	6.881	8288459	8409860	4.838	4.381

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
Data File : PL081816.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2023 14:08
Operator : AR\AJ
Sample : 02136-01MSD 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

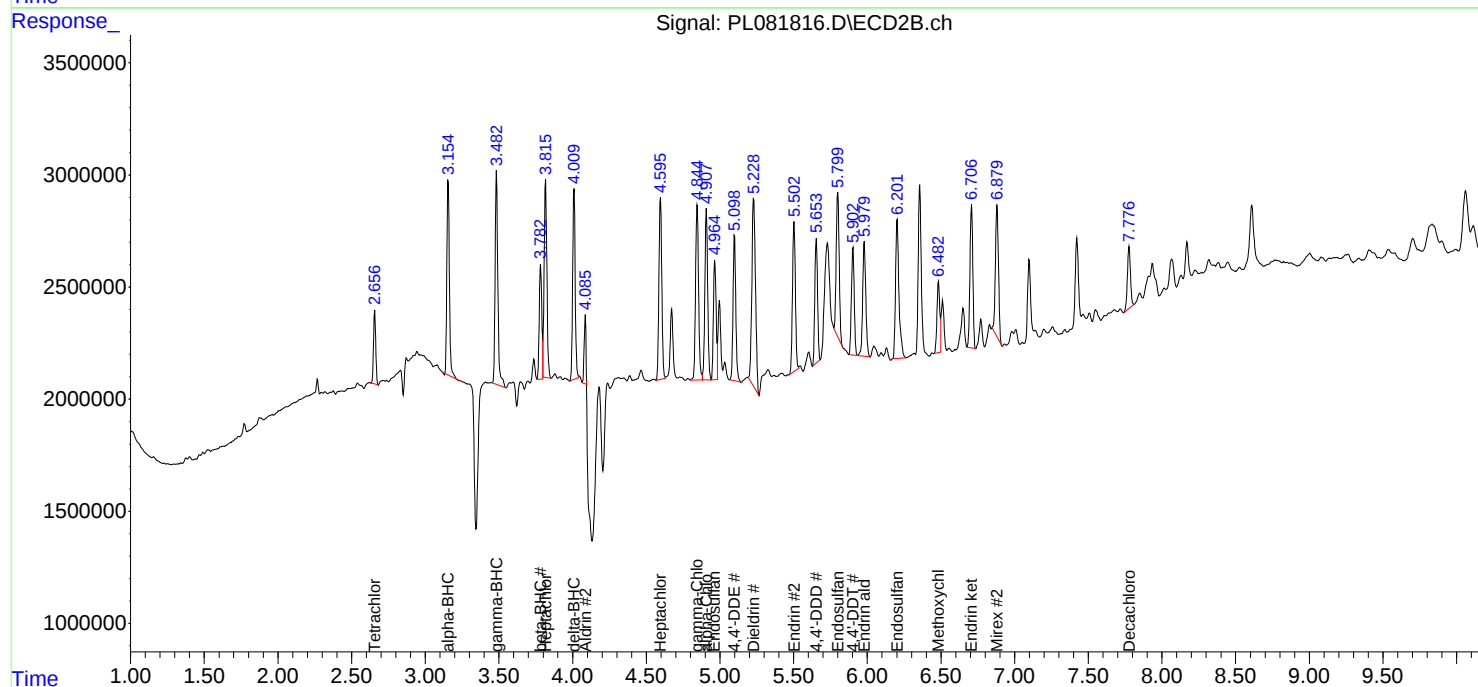
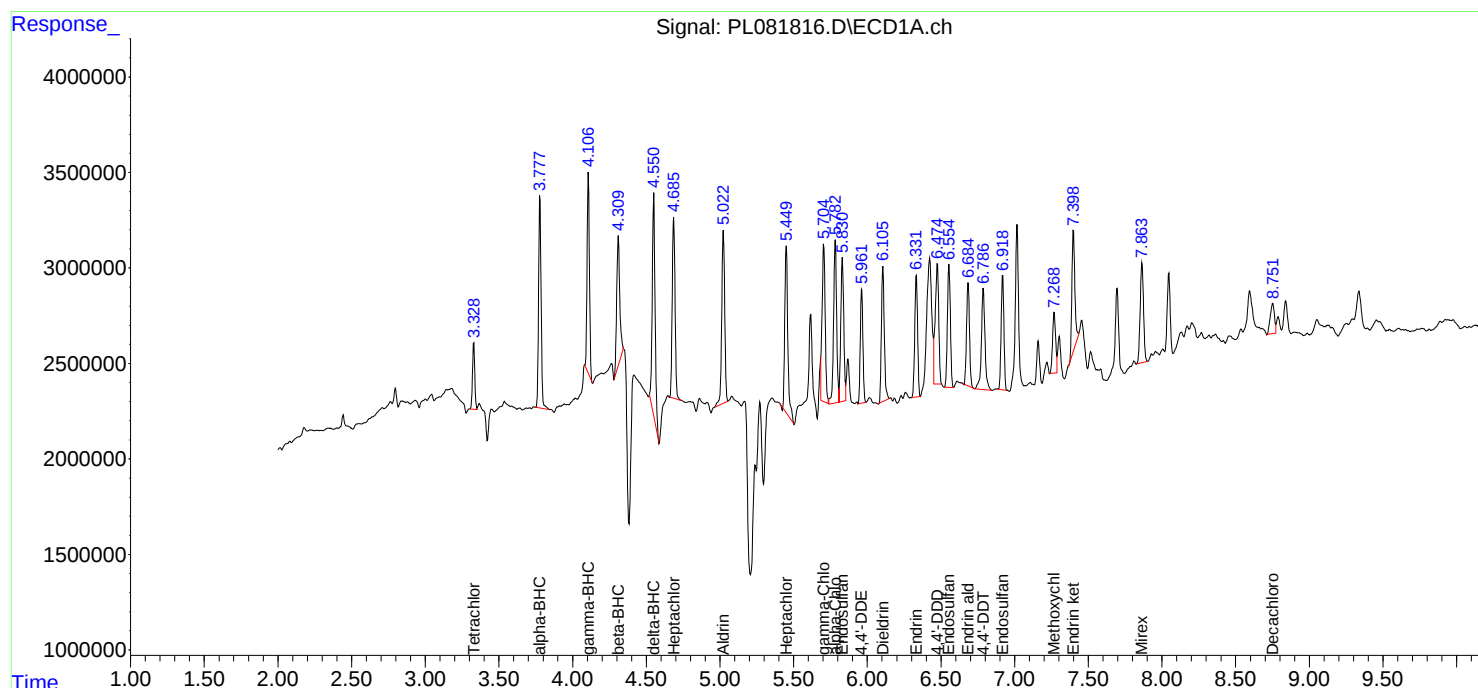
Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

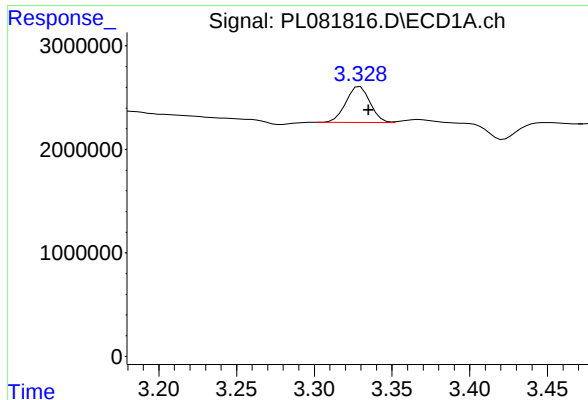
Manual Integrations
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Supervised By :Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 22:14:48 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





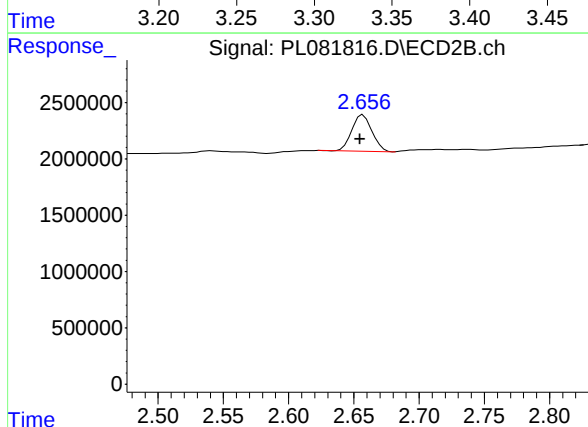
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 3781880
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

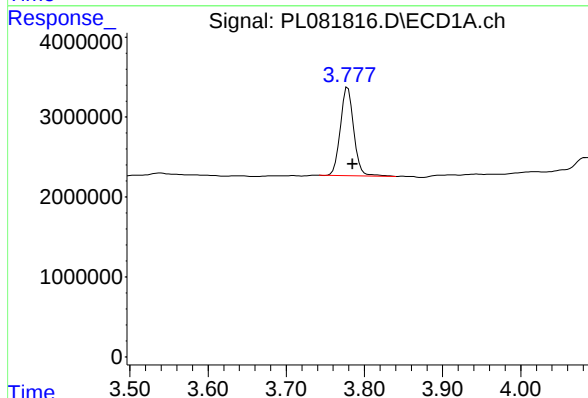
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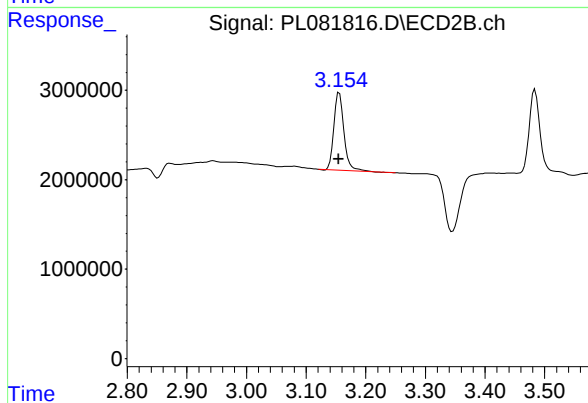
#1 Tetrachloro-m-xylene

R.T.: 2.657 min
Delta R.T.: 0.002 min
Response: 3477768
Conc: 1.74 ng/ml



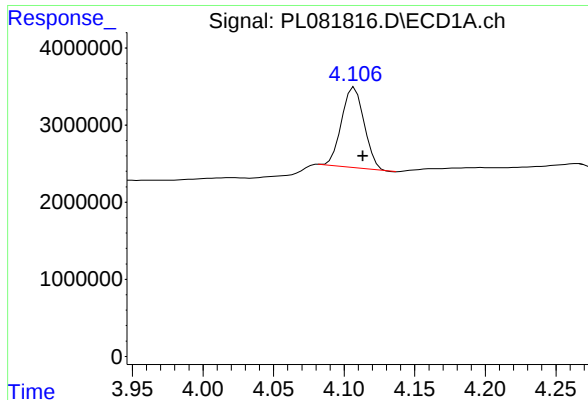
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.006 min
Response: 13219962
Conc: 3.86 ng/ml



#2 alpha-BHC

R.T.: 3.156 min
Delta R.T.: 0.000 min
Response: 10141091
Conc: 3.48 ng/ml



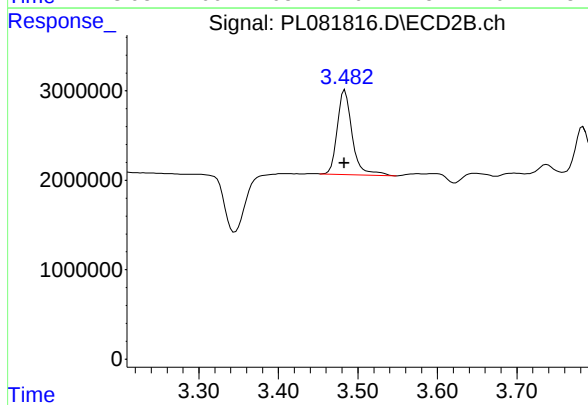
#3 gamma-BHC (Lindane)

R.T.: 4.107 min
Delta R.T.: -0.006 min
Response: 11615944
Conc: 3.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

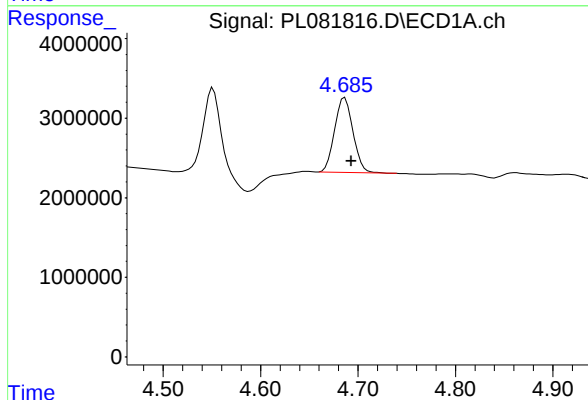
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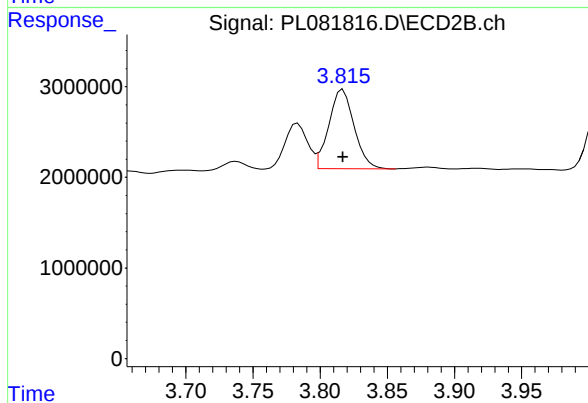
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 12305591
Conc: 4.42 ng/ml



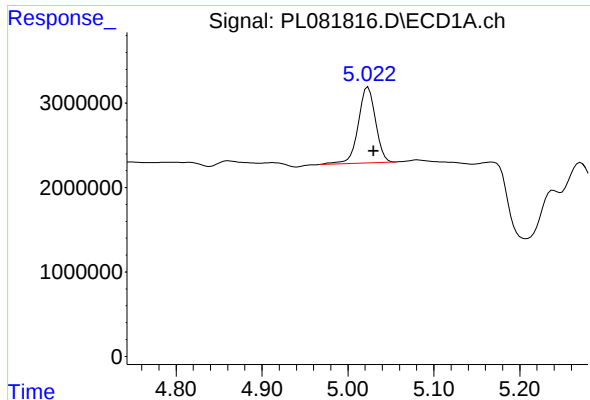
#4 Heptachlor

R.T.: 4.687 min
Delta R.T.: -0.007 min
Response: 12338740
Conc: 3.91 ng/ml



#4 Heptachlor

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 11459749
Conc: 4.00 ng/ml



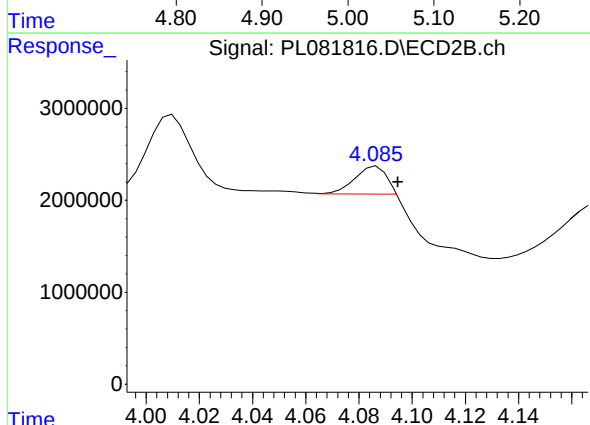
#5 Aldrin

R.T.: 5.024 min
Delta R.T.: -0.006 min
Response: 12513391
Conc: 4.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

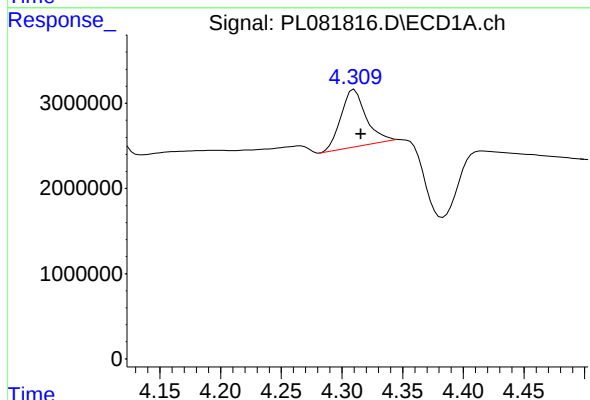
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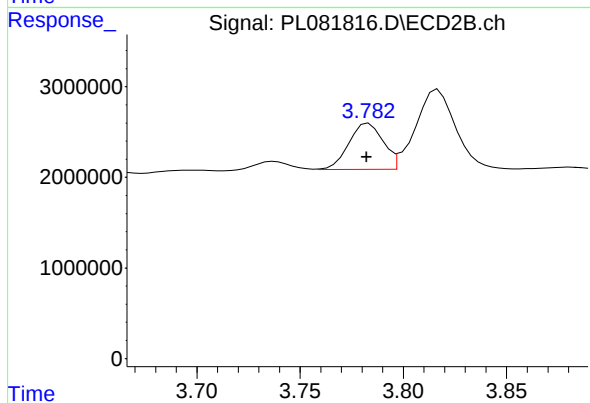
#5 Aldrin

R.T.: 4.085 min
Delta R.T.: -0.009 min
Response: 2470388
Conc: 0.93 ng/ml m



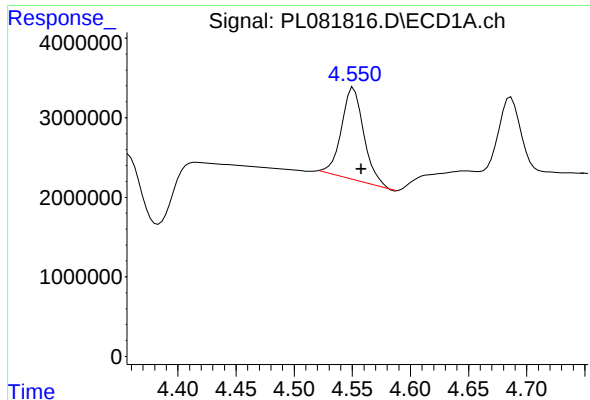
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 9713409
Conc: 6.45 ng/ml m



#6 beta-BHC

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 6205981
Conc: 5.21 ng/ml m



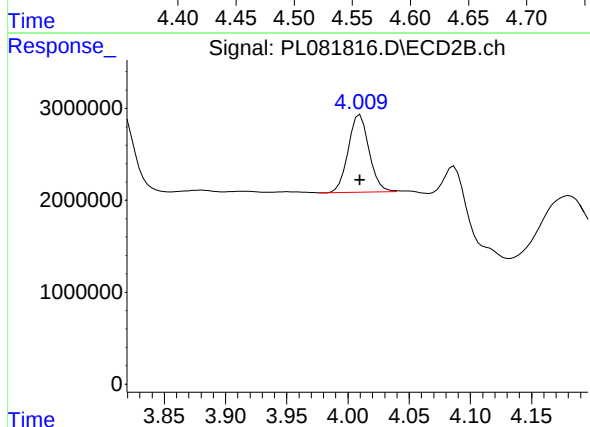
#7 delta-BHC

R.T.: 4.551 min
Delta R.T.: -0.006 min
Response: 15588136
Conc: 5.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

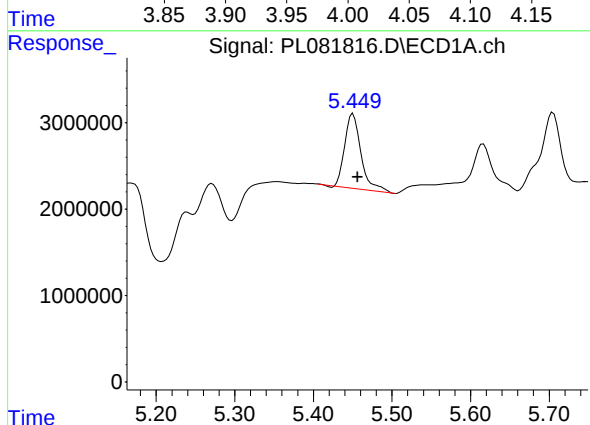
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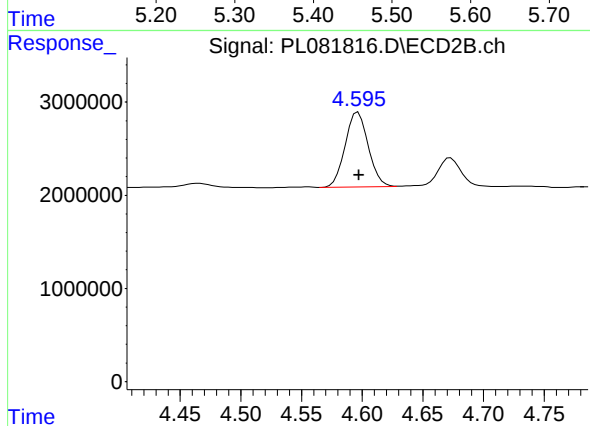
#7 delta-BHC

R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 9976743
Conc: 3.86 ng/ml m



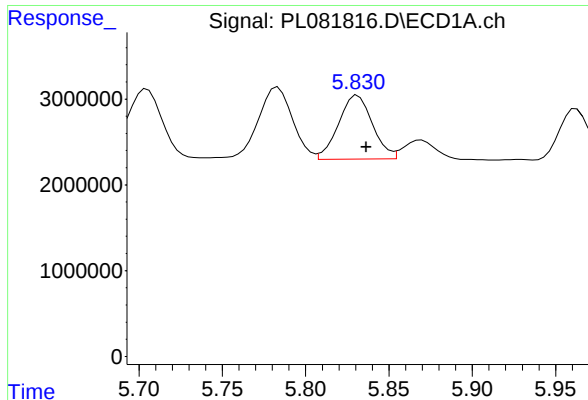
#8 Heptachlor epoxide

R.T.: 5.450 min
Delta R.T.: -0.006 min
Response: 12479964
Conc: 4.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.595 min
Delta R.T.: -0.002 min
Response: 10713316
Conc: 4.41 ng/ml m



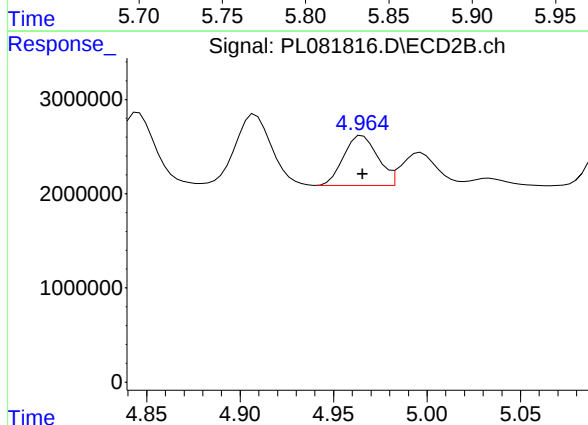
#9 Endosulfan I

R.T.: 5.831 min
Delta R.T.: -0.005 min
Response: 10505805
Conc: 4.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

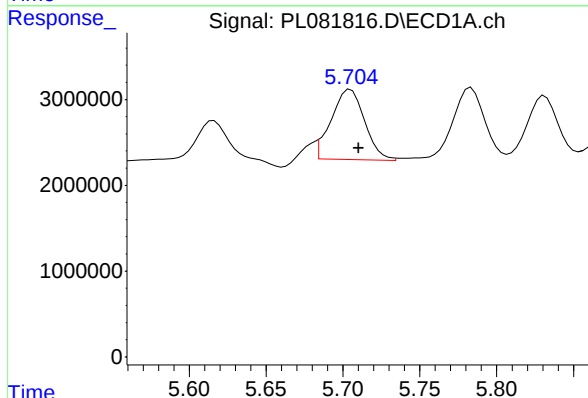
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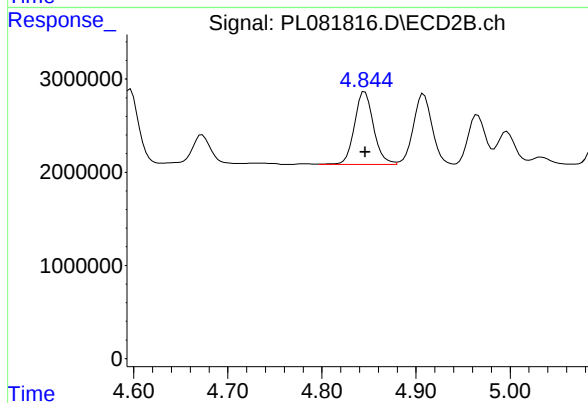
#9 Endosulfan I

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 6772118
Conc: 3.07 ng/ml



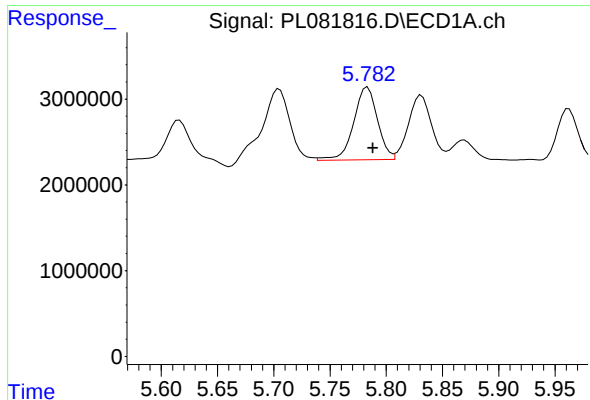
#10 gamma-Chlordane

R.T.: 5.704 min
Delta R.T.: -0.007 min
Response: 12097734
Conc: 4.61 ng/ml m



#10 gamma-Chlordane

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 10930388
Conc: 4.50 ng/ml



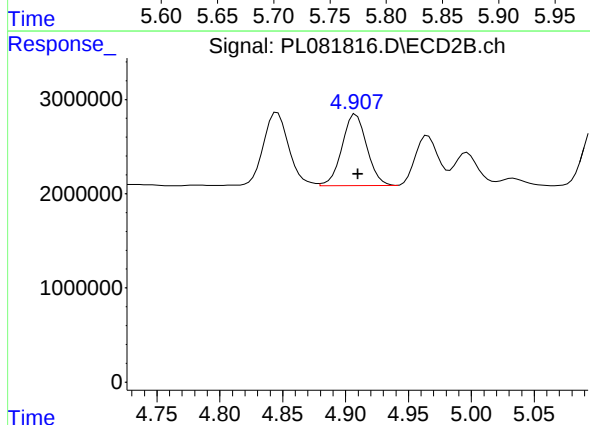
#11 alpha-Chlordane

R.T.: 5.784 min
Delta R.T.: -0.005 min
Response: 12472575
Conc: 4.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

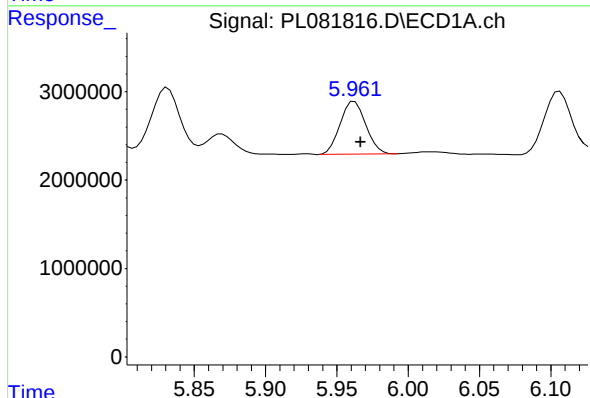
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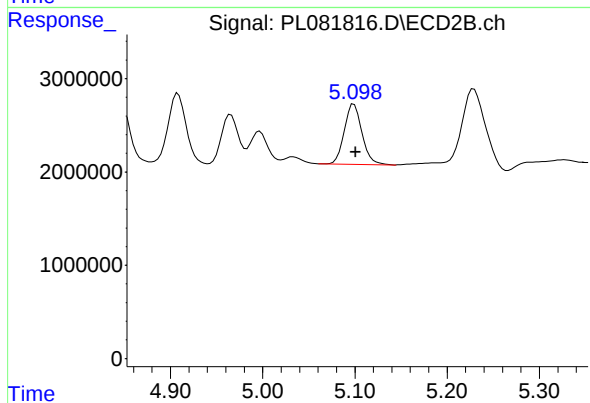
#11 alpha-Chlordane

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 10358593
Conc: 4.26 ng/ml



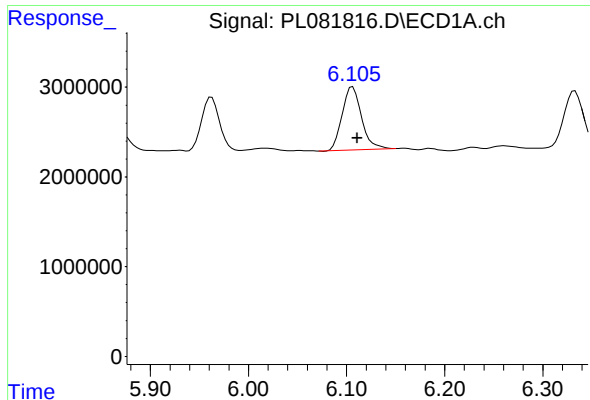
#12 4,4'-DDE

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 7490443
Conc: 3.32 ng/ml



#12 4,4'-DDE

R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 8577409
Conc: 4.35 ng/ml



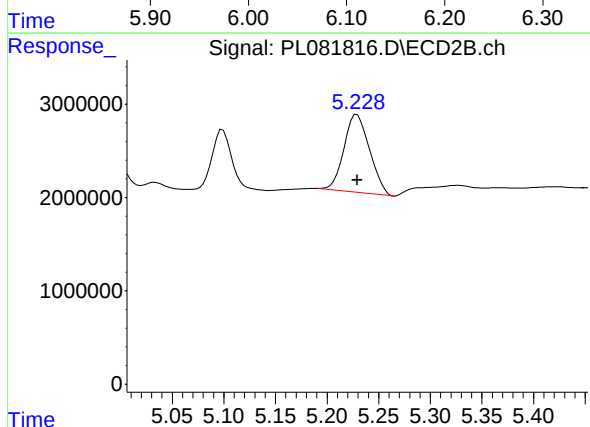
#13 Dieldrin

R.T.: 6.106 min
Delta R.T.: -0.005 min
Response: 9635017
Conc: 3.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

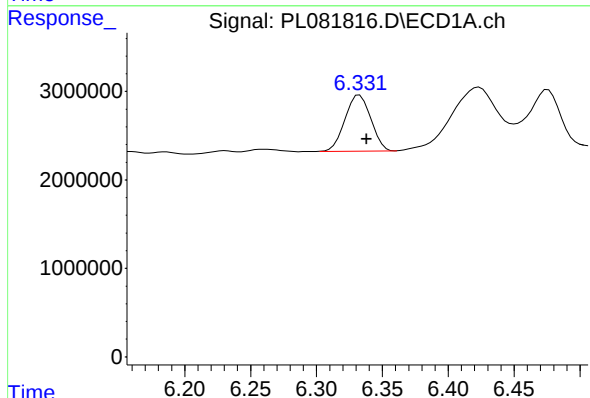
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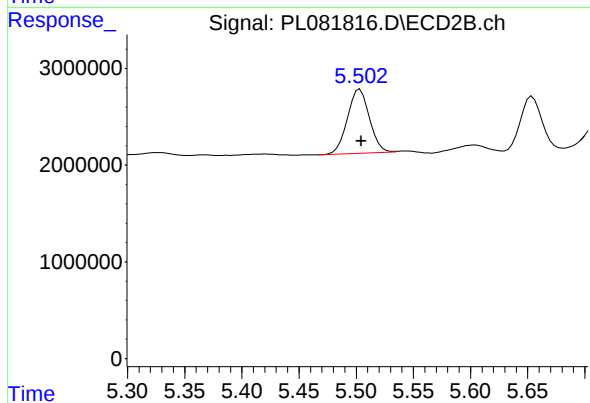
#13 Dieldrin

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 14358397
Conc: 6.38 ng/ml



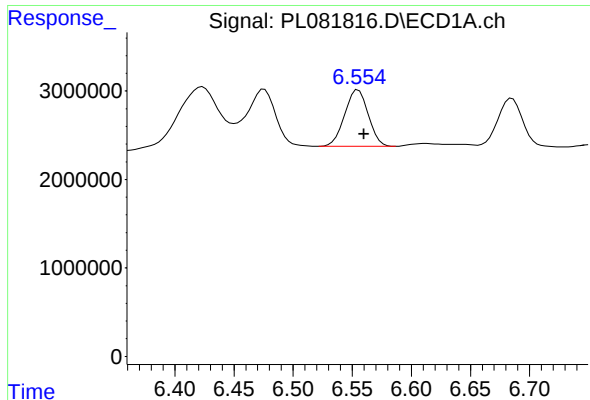
#14 Endrin

R.T.: 6.333 min
Delta R.T.: -0.006 min
Response: 8653413
Conc: 4.09 ng/ml



#14 Endrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 8858173
Conc: 4.38 ng/ml



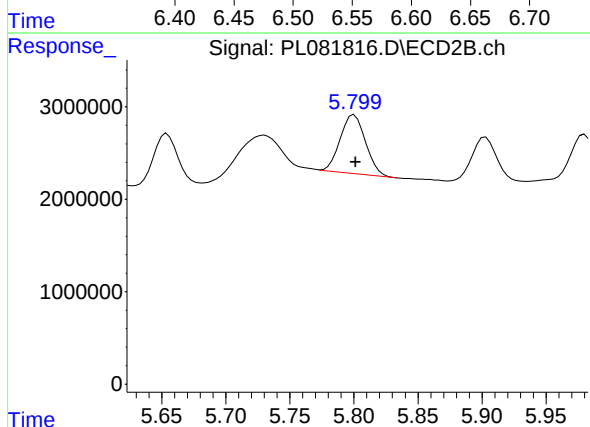
#15 Endosulfan II

R.T.: 6.555 min
Delta R.T.: -0.005 min
Response: 8849649
Conc: 4.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

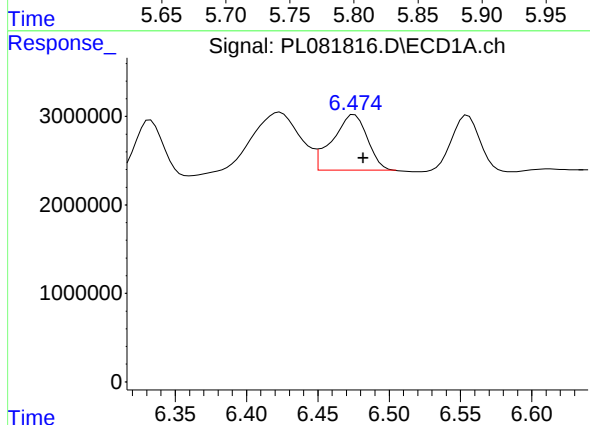
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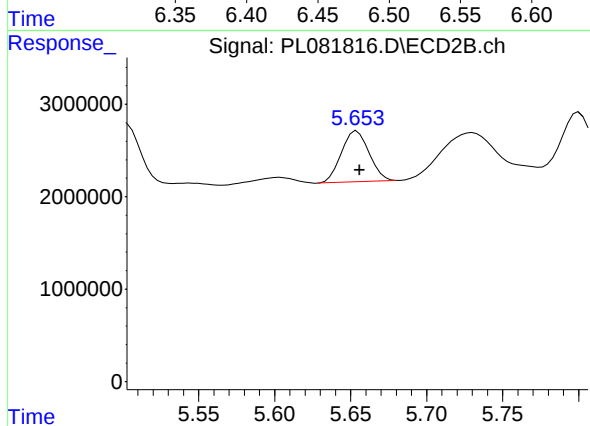
#15 Endosulfan II

R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 8763054
Conc: 4.83 ng/ml m



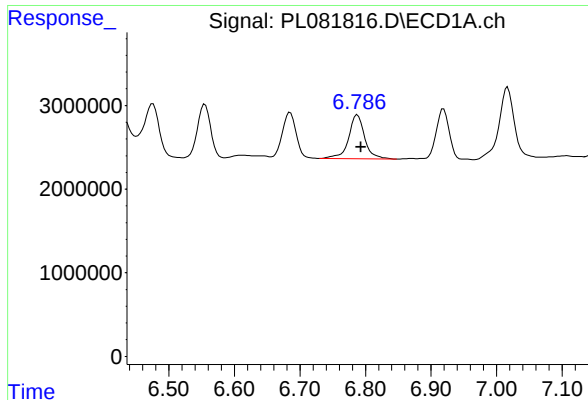
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 10502683
Conc: 5.82 ng/ml m



#16 4,4'-DDD

R.T.: 5.653 min
Delta R.T.: -0.003 min
Response: 7006822
Conc: 4.62 ng/ml m



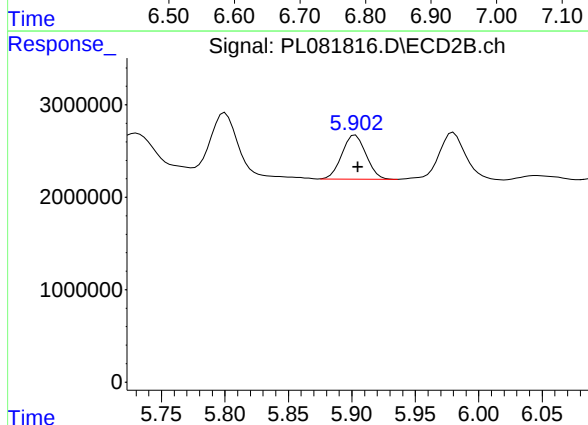
#17 4,4'-DDT

R.T.: 6.788 min
Delta R.T.: -0.005 min
Response: 8944276
Conc: 4.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

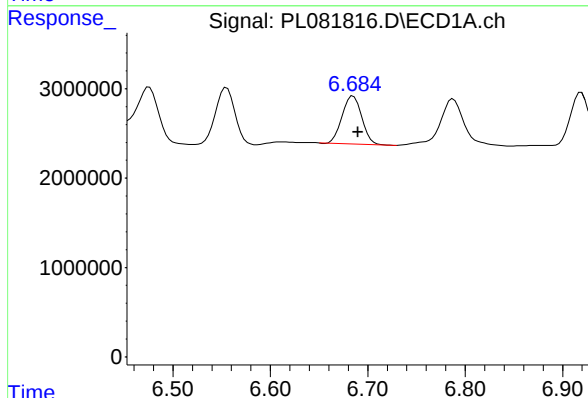
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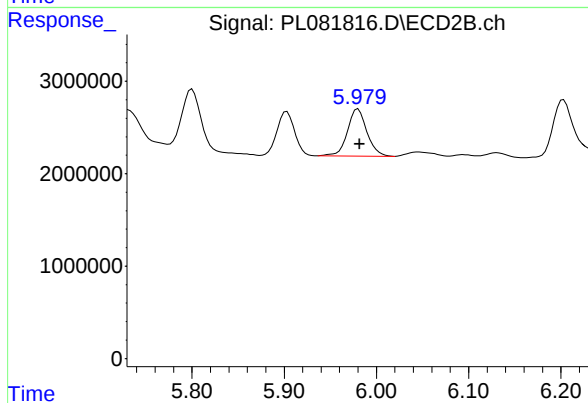
#17 4,4'-DDT

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 6287342
Conc: 3.65 ng/ml



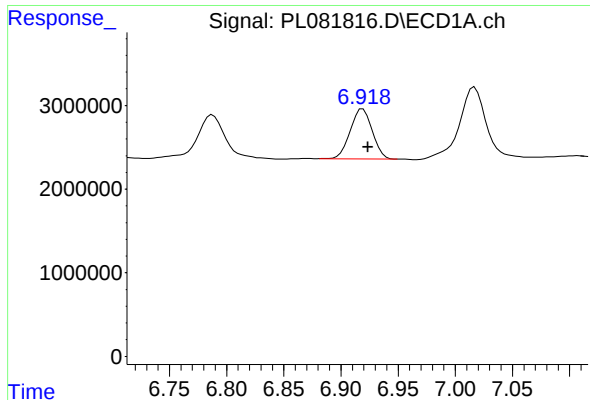
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: -0.005 min
Response: 7546439
Conc: 4.61 ng/ml



#18 Endrin aldehyde

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 7447223
Conc: 4.80 ng/ml



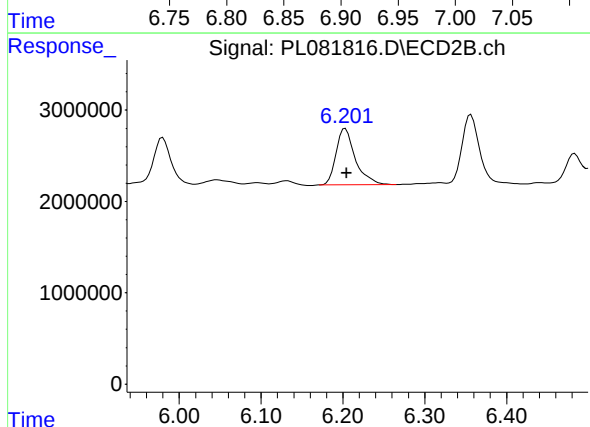
#19 Endosulfan Sulfate

R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 8049150
Conc: 3.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

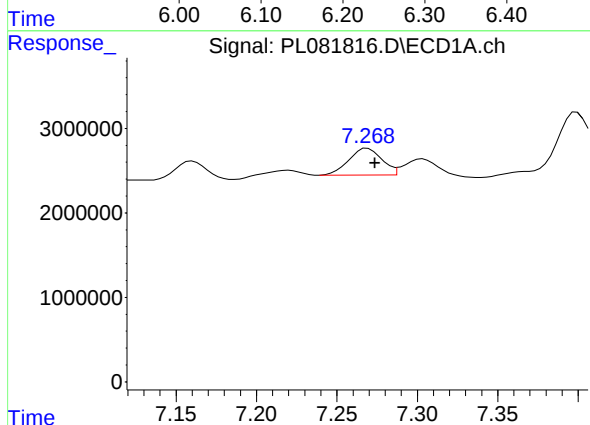
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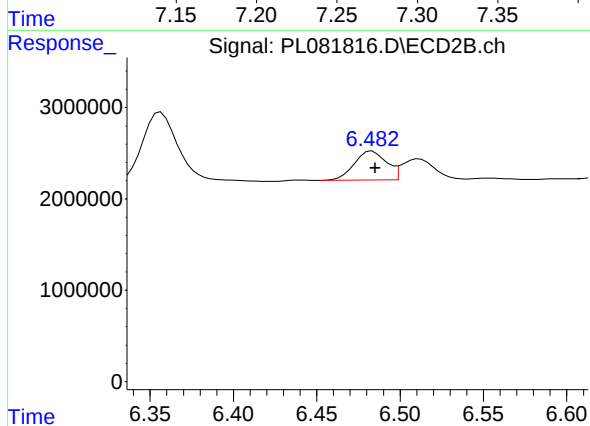
#19 Endosulfan Sulfate

R.T.: 6.203 min
Delta R.T.: -0.002 min
Response: 10100607
Conc: 5.19 ng/ml



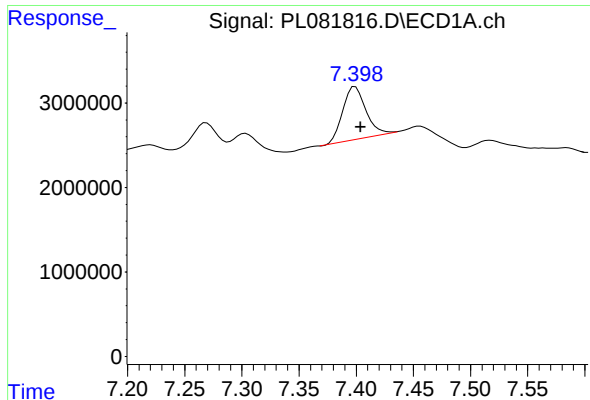
#20 Methoxychlor

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 4643655
Conc: 4.31 ng/ml m



#20 Methoxychlor

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 4212987
Conc: 4.23 ng/ml



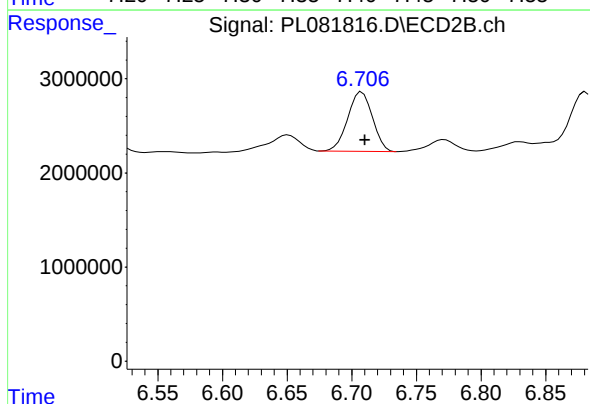
#21 Endrin ketone

R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 8991644
Conc: 4.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

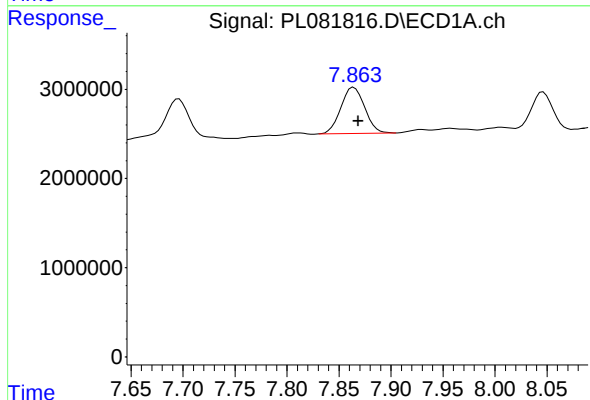
Manual Integrations
APPROVED

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



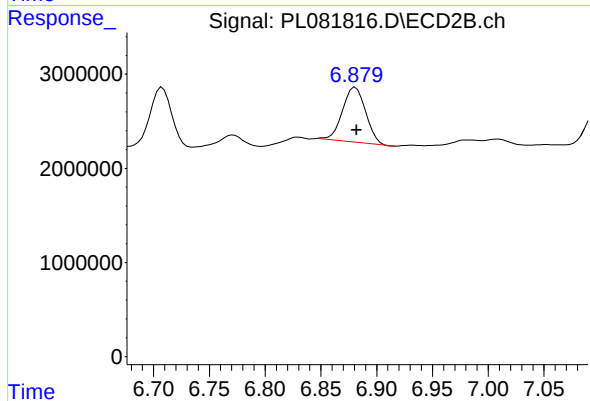
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 8424880
Conc: 3.94 ng/ml m



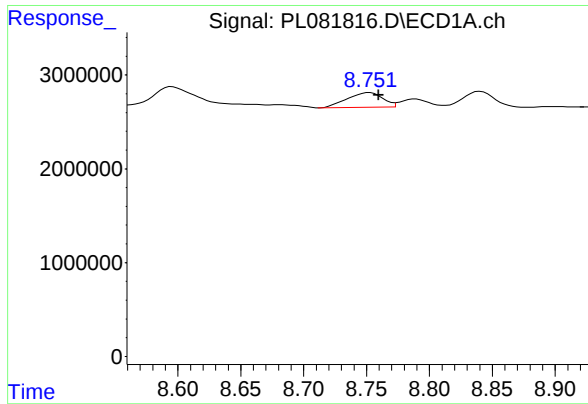
#22 Mirex

R.T.: 7.864 min
Delta R.T.: -0.004 min
Response: 8288459
Conc: 4.84 ng/ml



#22 Mirex

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 8409860
Conc: 4.38 ng/ml



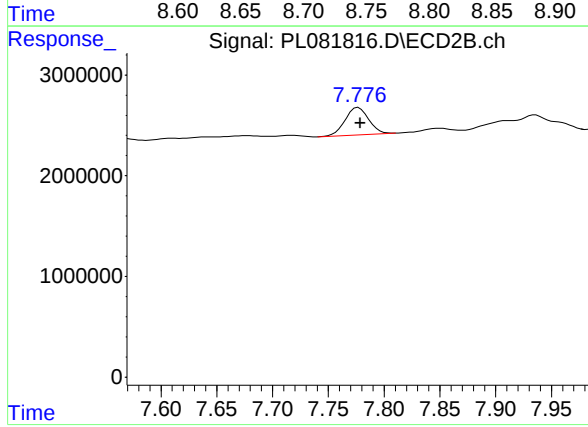
#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.009 min
Response: 3217526
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-033023MSD

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#28 Decachlorobiphenyl

R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 4016462
Conc: 2.03 ng/ml