

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111522\
 Data File : PL079124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2022 15:40
 Operator : AR\AJ
 Sample : N5619-01MS 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-02-111422MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/16/2022
 Supervised By :Ankita Jodhani 11/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 20:31:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.326	2.566	4383413	5323961	2.299	2.085
2) SA Decachlor...	8.777	7.636	3269412	4013580	2.173	2.119
Target Compounds						
2) A alpha-BHC	3.787	3.053	16632259	20277981	5.792	5.135
3) MA gamma-BHC...	4.120	3.372	14618429	18833582	5.472	5.240m
4) MA Heptachlor	4.690	3.701	15340056	19818062	5.909	5.715
5) MB Aldrin	5.028	3.972	14880839	19532475	6.008	5.578
6) B beta-BHC	4.335	3.674	8424211	9419787	7.313	6.565
7) B delta-BHC	4.575	3.894	10470912	19226640	4.599	5.280
8) B Heptachlo...	5.462	4.469	15066124	17324647	7.097	5.750
9) A Endosulfan I	5.846	4.832	13157263	15559304	6.167	5.435
10) B gamma-Chl...	5.717	4.717	15426141	18911824	6.834	6.171
11) B alpha-Chl...	5.794	4.778	16035350	18045041	6.930	6.055
12) B 4,4'-DDE	5.977	4.973	10705114	15900059	5.349	5.840
13) MA Dieldrin	6.123	5.092	13142413	19626878	6.094	6.624m
14) MA Endrin	6.353	5.364	10788730	15978217	5.685	6.133
15) B Endosulfa...	6.581	5.660	14871900	15527107	7.927m	6.821m
16) A 4,4'-DDD	6.501	5.525	11122773	15177327	6.672	6.910
17) MA 4,4'-DDT	6.811	5.770	8772446	11151541	4.894	5.141m
18) B Endrin al...	6.714	5.839	8368237	10864637	5.751	5.789
19) B Endosulfa...	6.948	6.062	10483843	13957934	5.698	5.863
20) A Methoxychlor	7.295	6.349	4288975	6476452	4.657	5.707
21) B Endrin ke...	7.434	6.558	10947562	15029547	5.819	5.815
22) Mirex	7.891	6.729	9273691	11430263	6.353	5.808m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111522\
Data File : PL079124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2022 15:40
Operator : AR\AJ
Sample : N5619-01MS 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

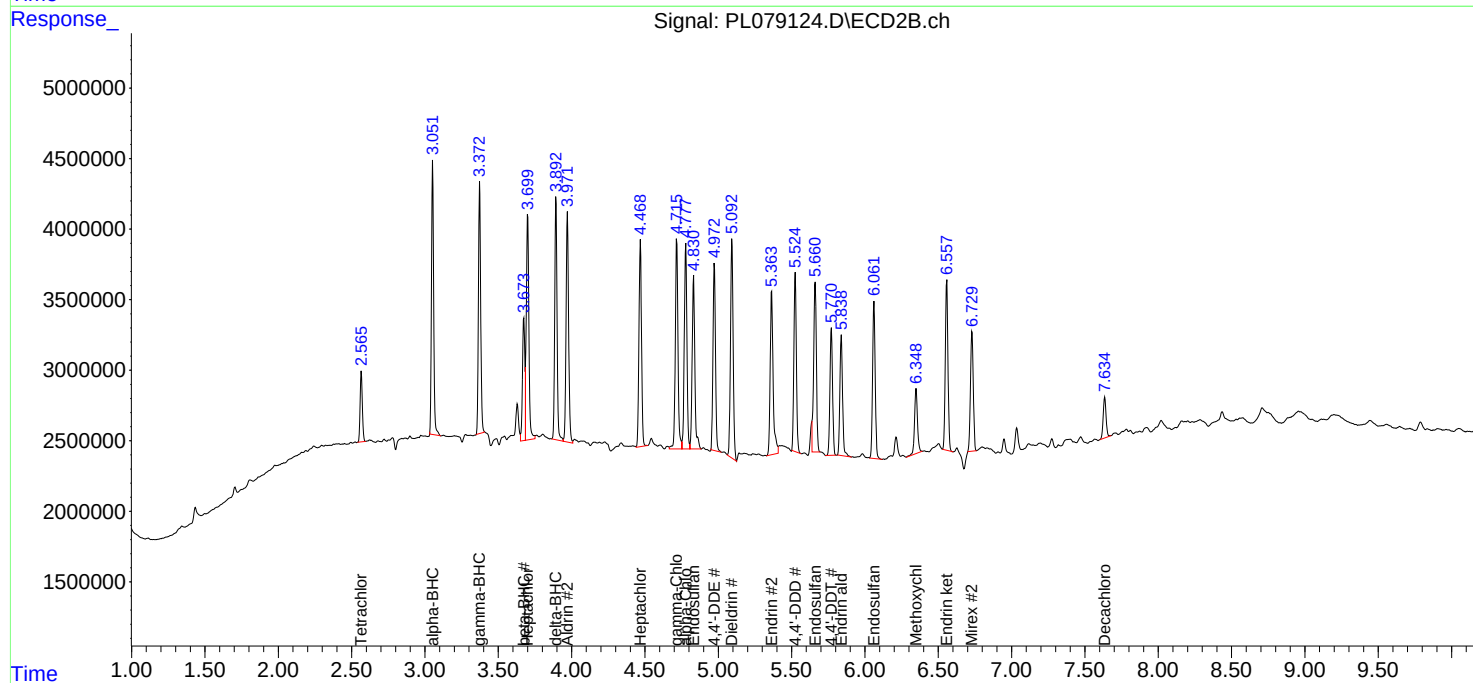
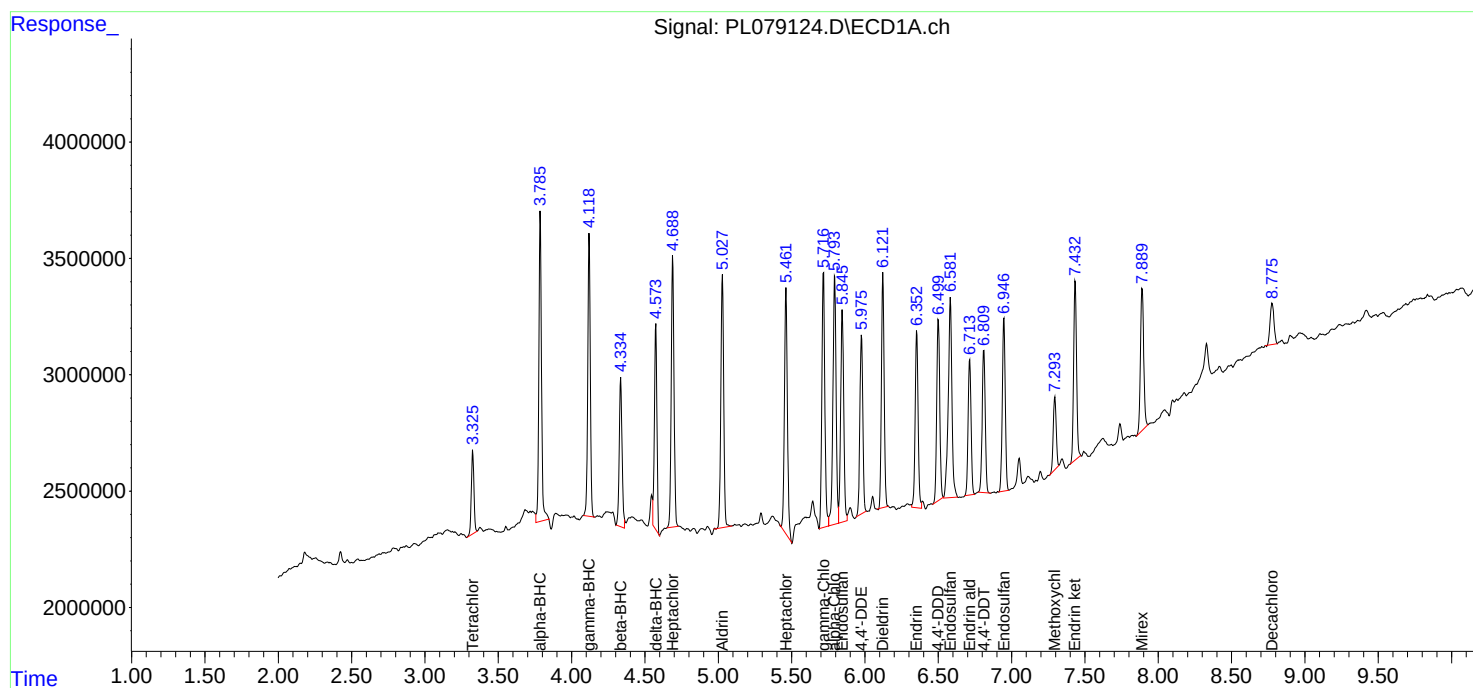
Instrument :
ECD_L
ClientSampleId :
OR-02-111422MS

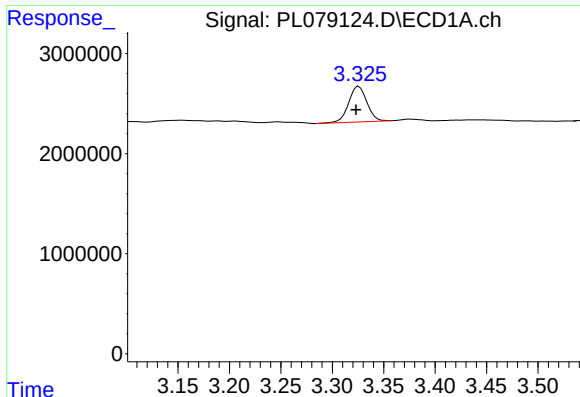
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 11/16/2022
Supervised By : Ankita Jodhani 11/16/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 20:31:27 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
QLast Update : Fri Oct 21 07:08:41 2022
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





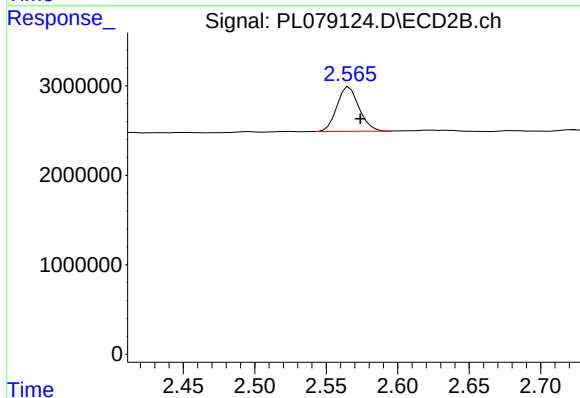
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: 0.003 min
Response: 4383413
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MS

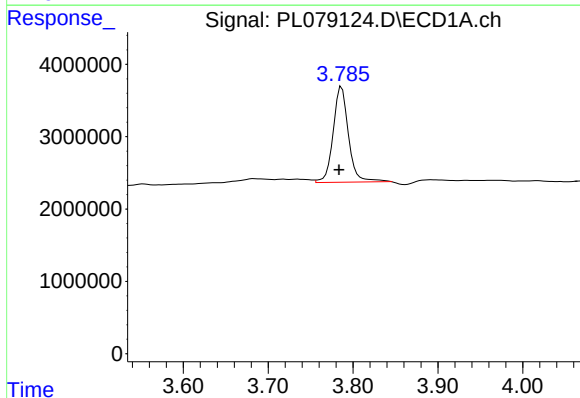
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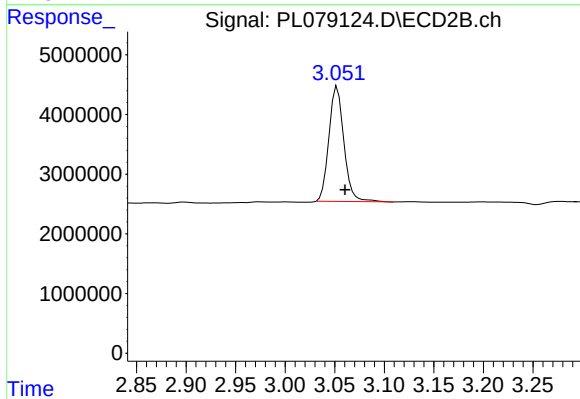
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: -0.008 min
Response: 5323961
Conc: 2.09 ng/ml



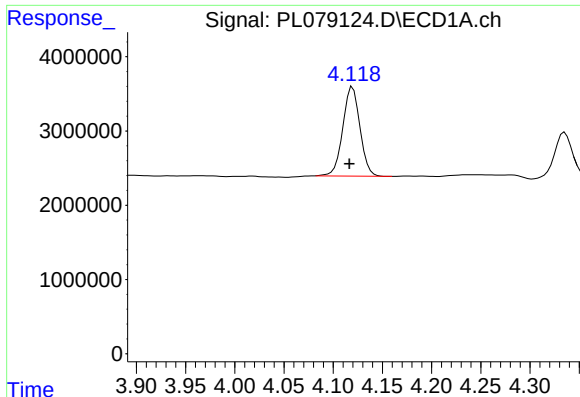
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: 0.003 min
Response: 16632259
Conc: 5.79 ng/ml



#2 alpha-BHC

R.T.: 3.053 min
Delta R.T.: -0.008 min
Response: 20277981
Conc: 5.13 ng/ml



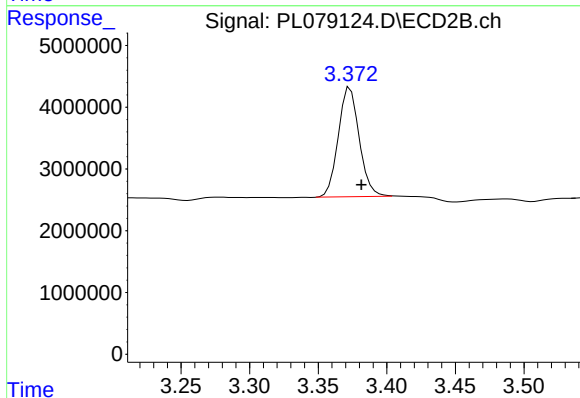
#3 gamma-BHC (Lindane)

R.T.: 4.120 min
Delta R.T.: 0.003 min
Response: 14618429
Conc: 5.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MS

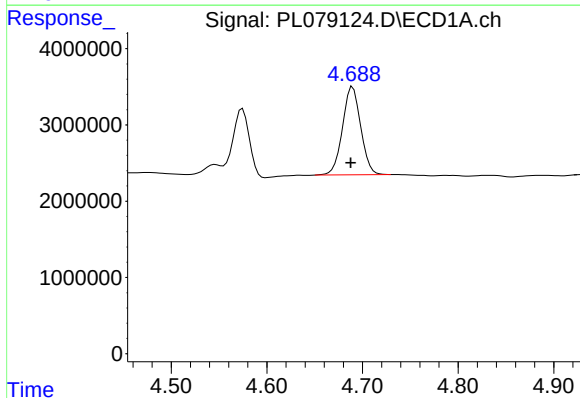
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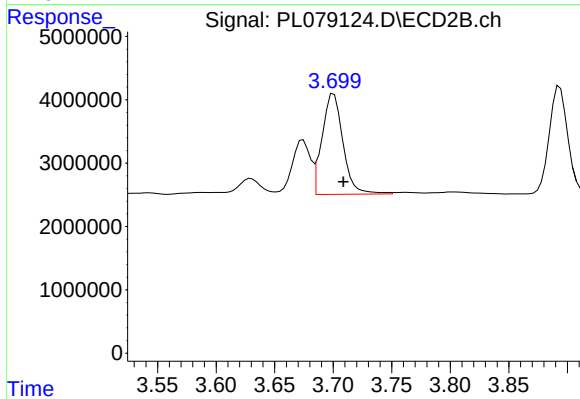
#3 gamma-BHC (Lindane)

R.T.: 3.372 min
Delta R.T.: -0.010 min
Response: 18833582
Conc: 5.24 ng/ml m



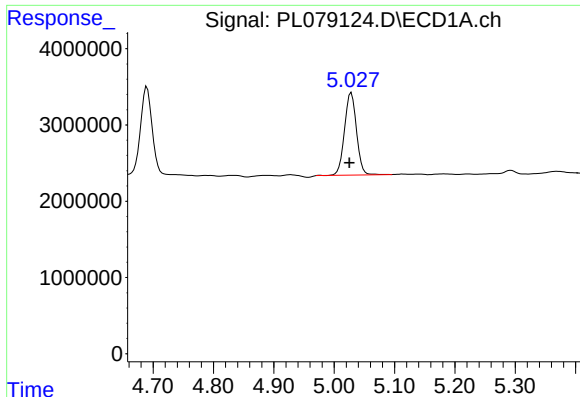
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: 0.002 min
Response: 15340056
Conc: 5.91 ng/ml



#4 Heptachlor

R.T.: 3.701 min
Delta R.T.: -0.008 min
Response: 19818062
Conc: 5.71 ng/ml



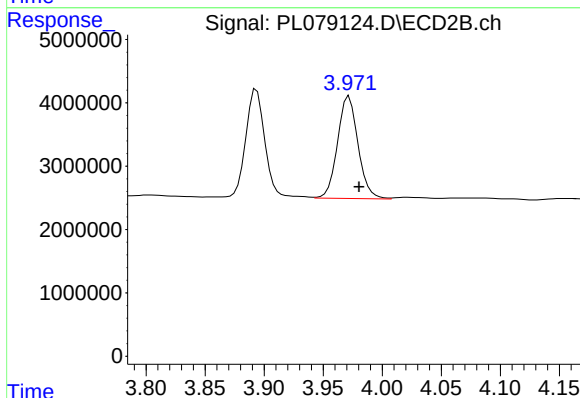
#5 Aldrin

R.T.: 5.028 min
Delta R.T.: 0.003 min
Response: 14880839
Conc: 6.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MS

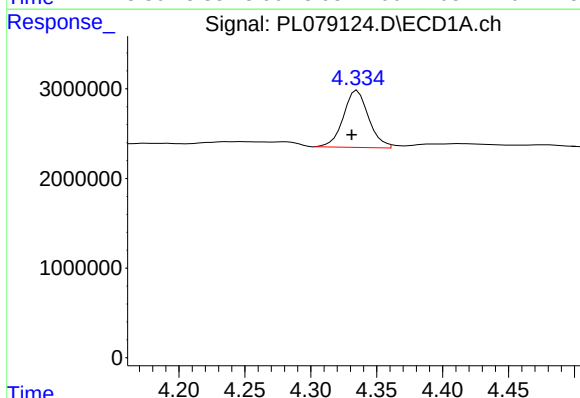
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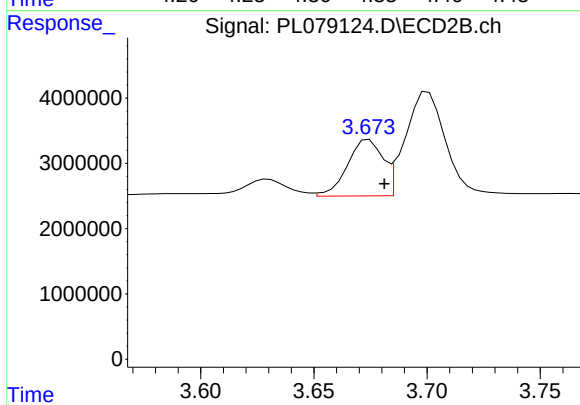
#5 Aldrin

R.T.: 3.972 min
Delta R.T.: -0.008 min
Response: 19532475
Conc: 5.58 ng/ml



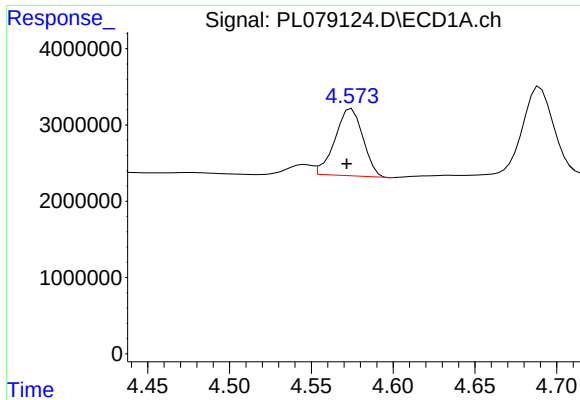
#6 beta-BHC

R.T.: 4.335 min
Delta R.T.: 0.004 min
Response: 8424211
Conc: 7.31 ng/ml



#6 beta-BHC

R.T.: 3.674 min
Delta R.T.: -0.007 min
Response: 9419787
Conc: 6.57 ng/ml



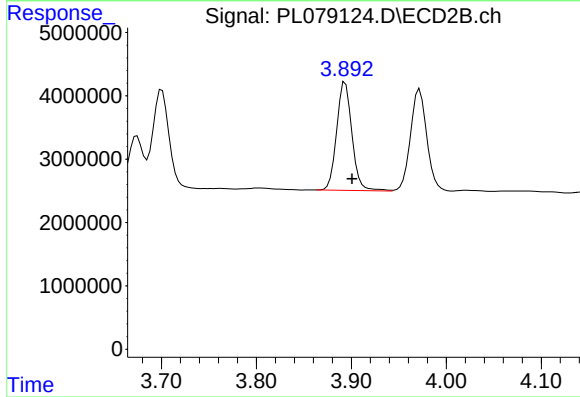
#7 delta-BHC

R.T.: 4.575 min
Delta R.T.: 0.003 min
Response: 10470912
Conc: 4.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MS

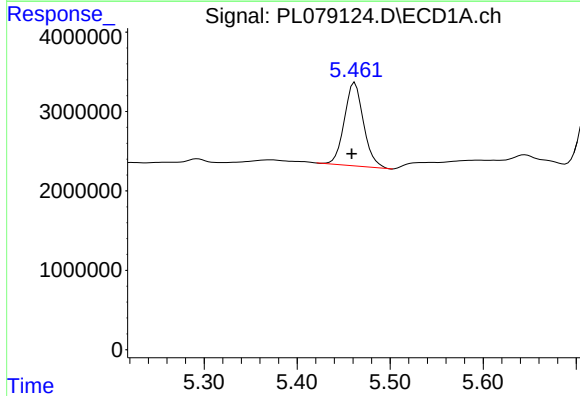
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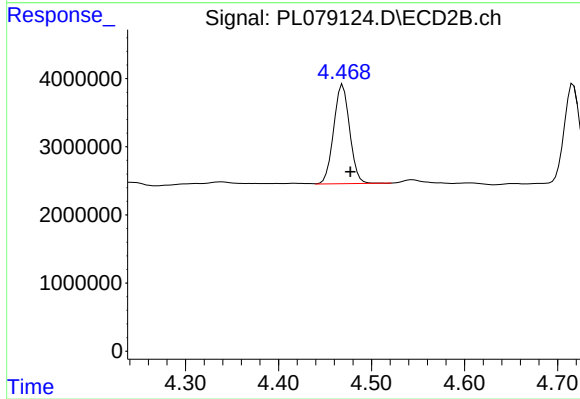
#7 delta-BHC

R.T.: 3.894 min
Delta R.T.: -0.007 min
Response: 19226640
Conc: 5.28 ng/ml



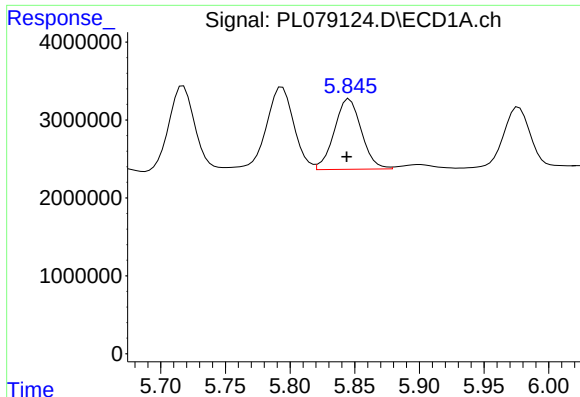
#8 Heptachlor epoxide

R.T.: 5.462 min
Delta R.T.: 0.003 min
Response: 15066124
Conc: 7.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.469 min
Delta R.T.: -0.008 min
Response: 17324647
Conc: 5.75 ng/ml



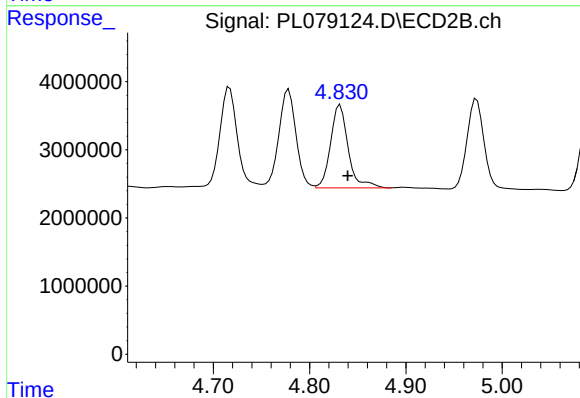
#9 Endosulfan I

R.T.: 5.846 min
Delta R.T.: 0.002 min
Response: 13157263
Conc: 6.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MS

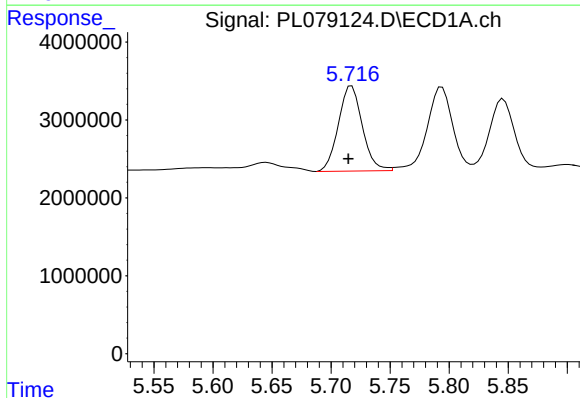
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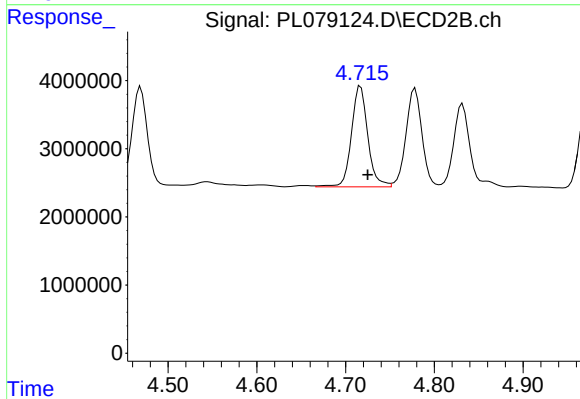
#9 Endosulfan I

R.T.: 4.832 min
Delta R.T.: -0.008 min
Response: 15559304
Conc: 5.44 ng/ml



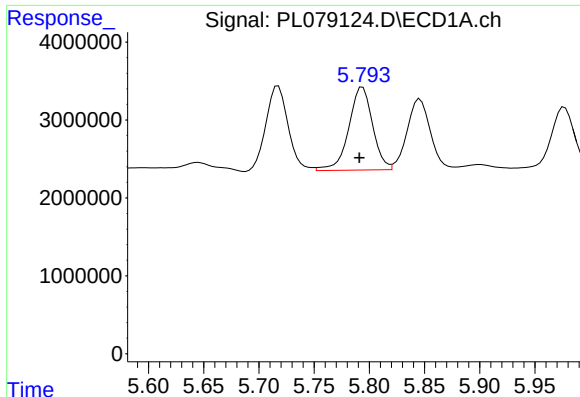
#10 gamma-Chlordane

R.T.: 5.717 min
Delta R.T.: 0.003 min
Response: 15426141
Conc: 6.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 18911824
Conc: 6.17 ng/ml



#11 alpha-Chlordane

R.T.: 5.794 min
Delta R.T.: 0.003 min
Response: 16035350
Conc: 6.93 ng/ml

Instrument :

ECD_L

ClientSampleId :

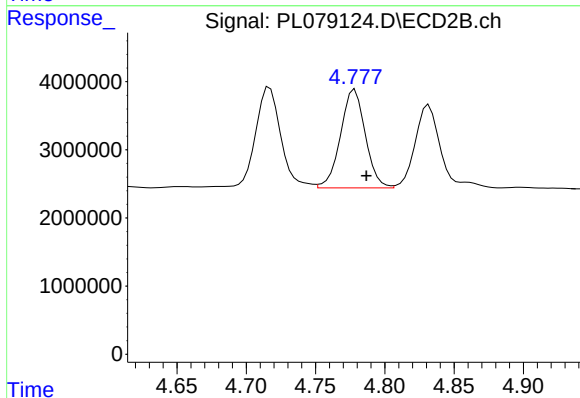
OR-02-111422MS

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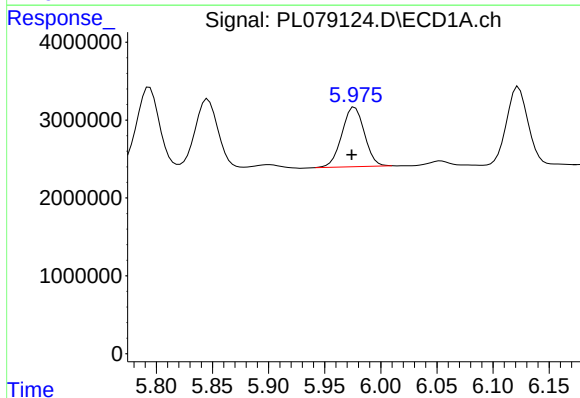
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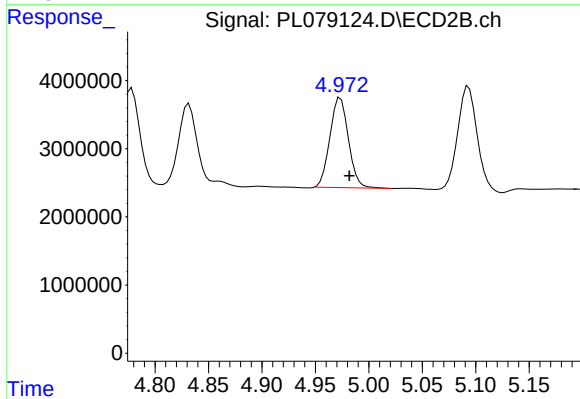
#11 alpha-Chlordane

R.T.: 4.778 min
Delta R.T.: -0.008 min
Response: 18045041
Conc: 6.05 ng/ml



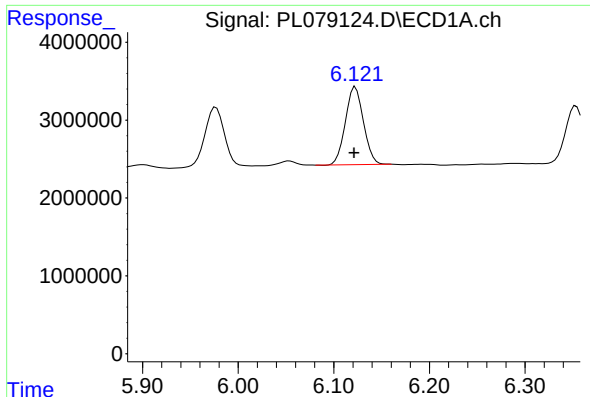
#12 4,4'-DDE

R.T.: 5.977 min
Delta R.T.: 0.003 min
Response: 10705114
Conc: 5.35 ng/ml



#12 4,4'-DDE

R.T.: 4.973 min
Delta R.T.: -0.008 min
Response: 15900059
Conc: 5.84 ng/ml



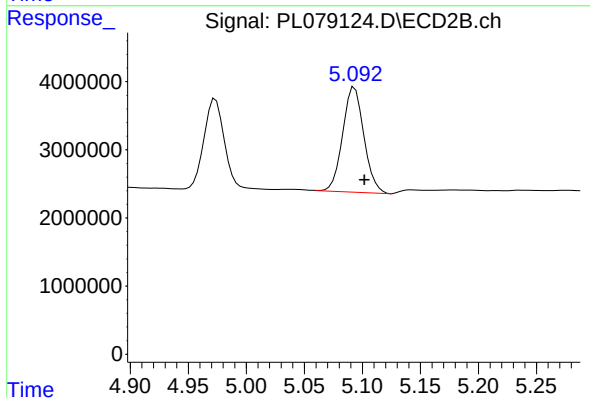
#13 Dieldrin

R.T.: 6.123 min
Delta R.T.: 0.001 min
Response: 13142413
Conc: 6.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
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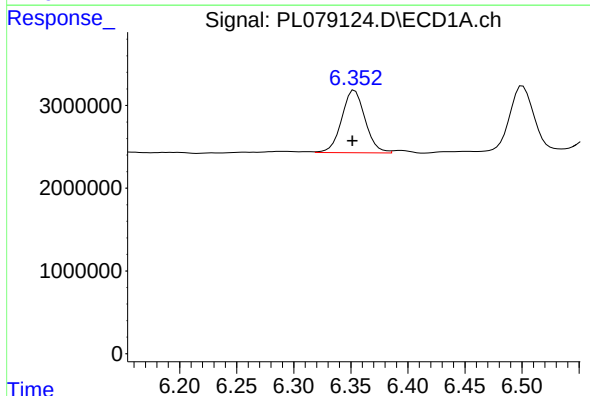
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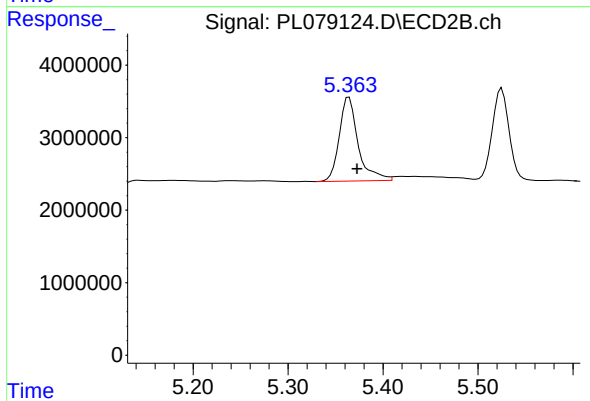
#13 Dieldrin

R.T.: 5.092 min
Delta R.T.: -0.010 min
Response: 19626878
Conc: 6.62 ng/ml m



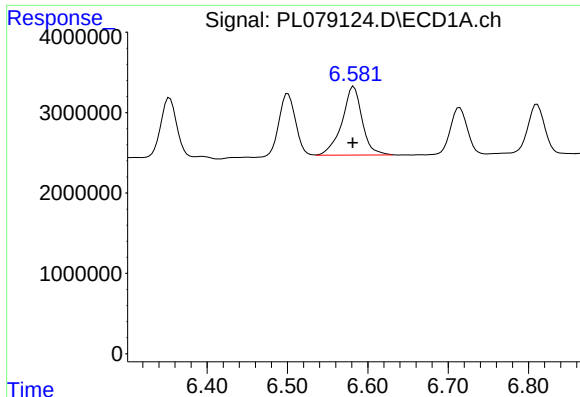
#14 Endrin

R.T.: 6.353 min
Delta R.T.: 0.002 min
Response: 10788730
Conc: 5.68 ng/ml



#14 Endrin

R.T.: 5.364 min
Delta R.T.: -0.008 min
Response: 15978217
Conc: 6.13 ng/ml



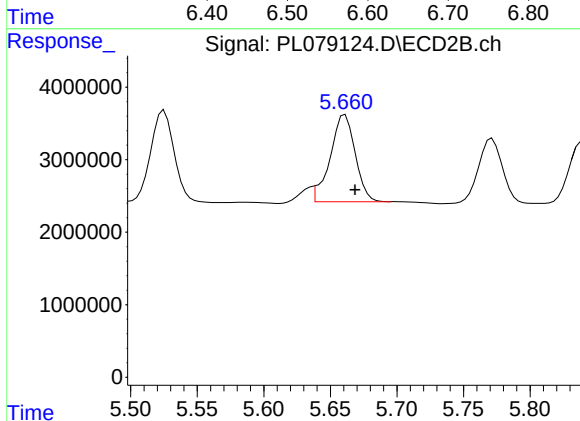
#15 Endosulfan II

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 14871900
Conc: 7.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MS

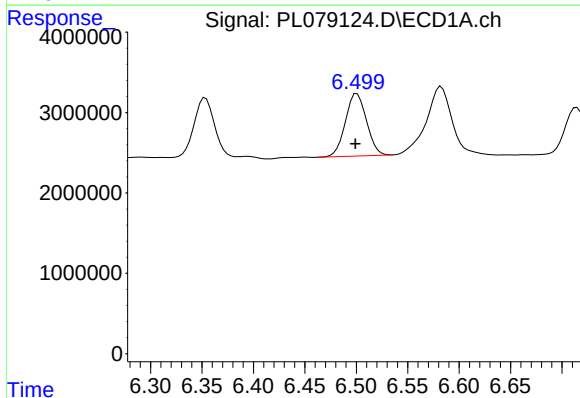
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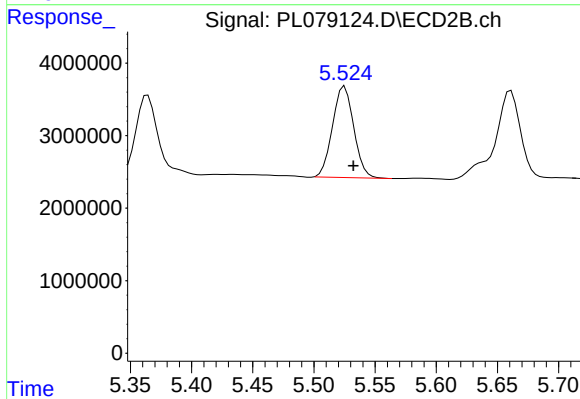
#15 Endosulfan II

R.T.: 5.660 min
Delta R.T.: -0.009 min
Response: 15527107
Conc: 6.82 ng/ml m



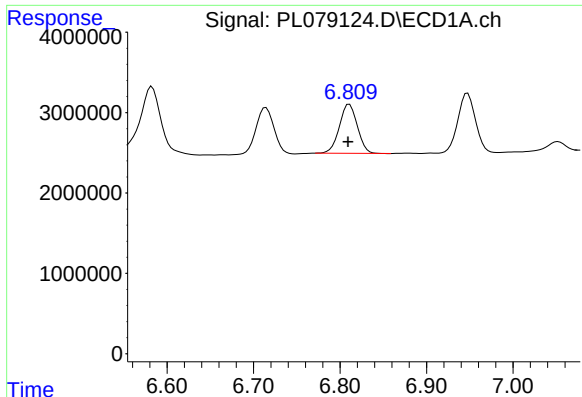
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: 0.002 min
Response: 11122773
Conc: 6.67 ng/ml



#16 4,4'-DDD

R.T.: 5.525 min
Delta R.T.: -0.007 min
Response: 15177327
Conc: 6.91 ng/ml



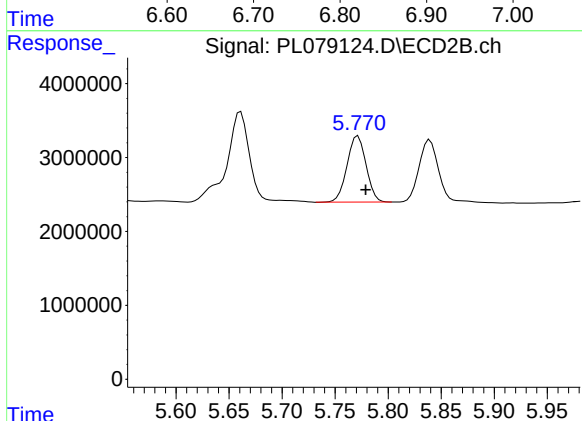
#17 4,4'-DDT

R.T.: 6.811 min
Delta R.T.: 0.001 min
Response: 8772446
Conc: 4.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MS

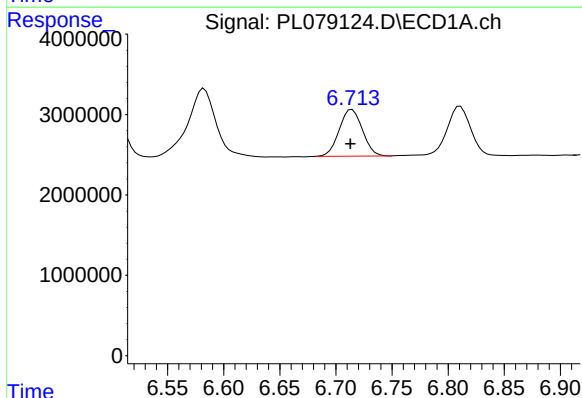
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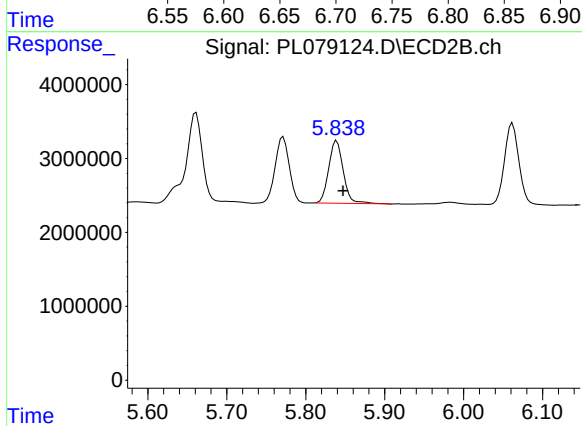
#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: -0.009 min
Response: 11151541
Conc: 5.14 ng/ml m



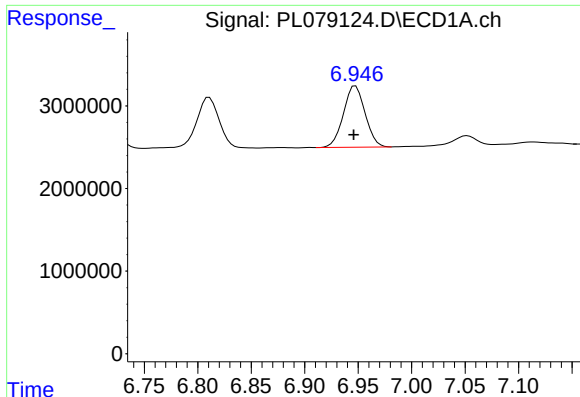
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.002 min
Response: 8368237
Conc: 5.75 ng/ml



#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 10864637
Conc: 5.79 ng/ml



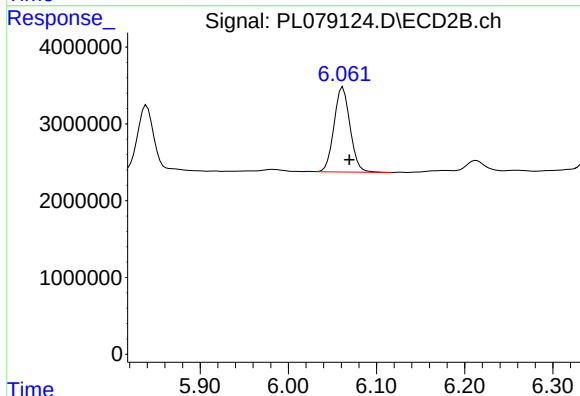
#19 Endosulfan Sulfate

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 10483843
Conc: 5.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MS

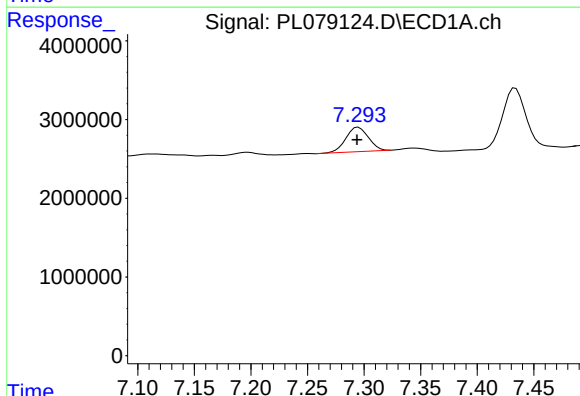
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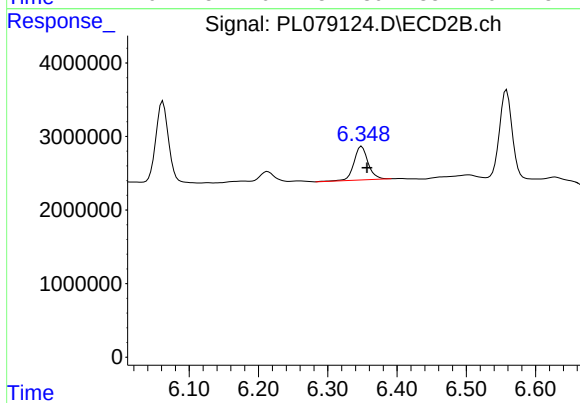
#19 Endosulfan Sulfate

R.T.: 6.062 min
Delta R.T.: -0.007 min
Response: 13957934
Conc: 5.86 ng/ml



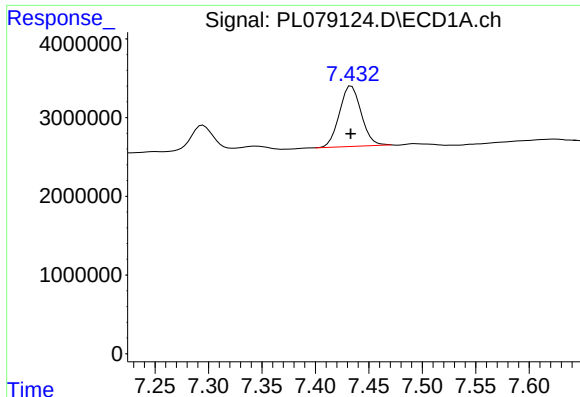
#20 Methoxychlor

R.T.: 7.295 min
Delta R.T.: 0.001 min
Response: 4288975
Conc: 4.66 ng/ml



#20 Methoxychlor

R.T.: 6.349 min
Delta R.T.: -0.008 min
Response: 6476452
Conc: 5.71 ng/ml



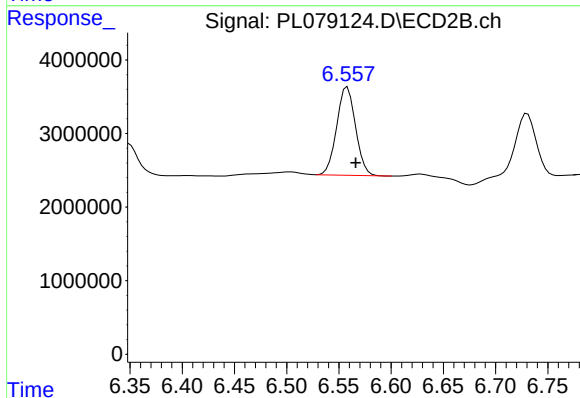
#21 Endrin ketone

R.T.: 7.434 min
Delta R.T.: 0.000 min
Response: 10947562
Conc: 5.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MS

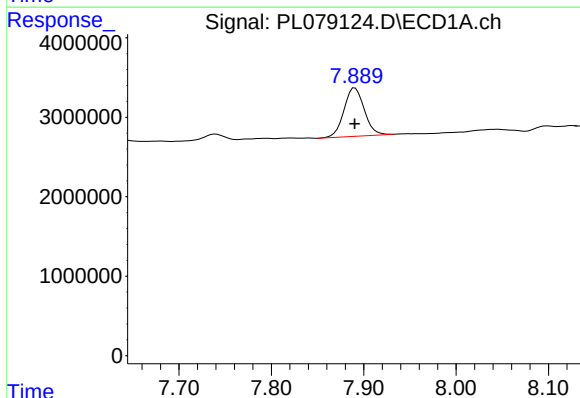
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Supervised By :Ankita Jodhani 11/16/2022



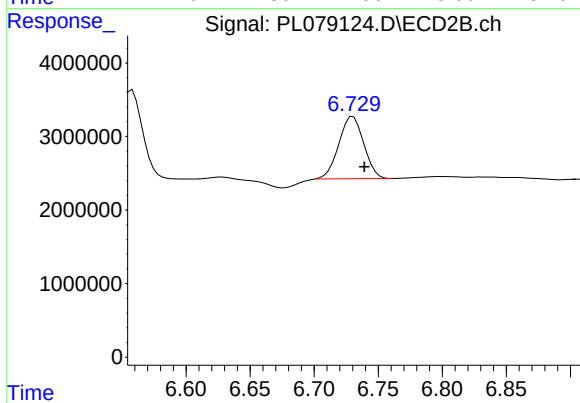
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 15029547
Conc: 5.81 ng/ml



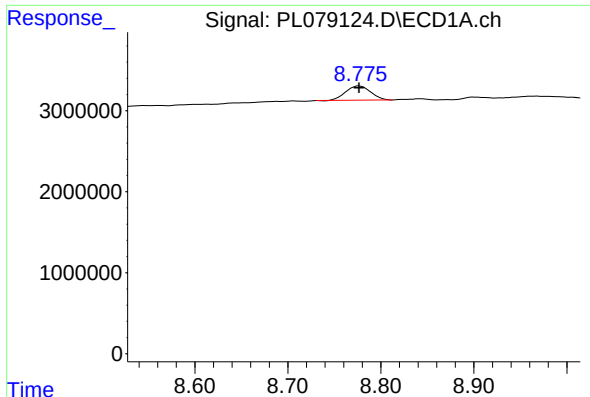
#22 Mirex

R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 9273691
Conc: 6.35 ng/ml



#22 Mirex

R.T.: 6.729 min
Delta R.T.: -0.010 min
Response: 11430263
Conc: 5.81 ng/ml m



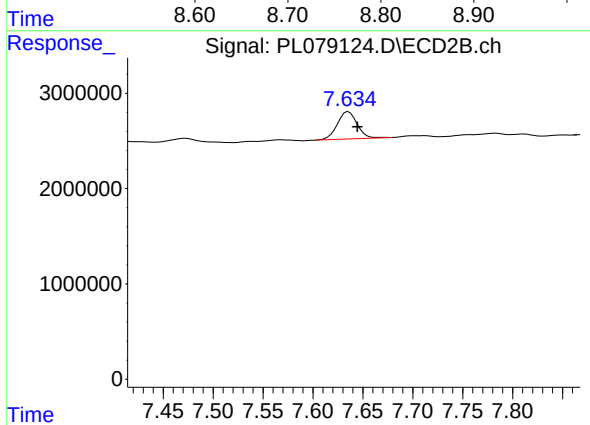
#28 Decachlorobiphenyl

R.T.: 8.777 min
Delta R.T.: 0.000 min
Response: 3269412
Conc: 2.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-111422MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/16/2022
Supervised By :Ankita Jodhani 11/16/2022



#28 Decachlorobiphenyl

R.T.: 7.636 min
Delta R.T.: -0.009 min
Response: 4013580
Conc: 2.12 ng/ml