

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040425\
 Data File : PL095051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2025 14:08
 Operator : AR\AJ
 Sample : Q1721-02MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 AU-05-040325MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/07/2025
 Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:32:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.534	2.768	3965895	6432099	1.401	1.802 #
2)	SA Decachlor...	9.043	7.896	3929194	4206464	1.864m	1.041m#
Target Compounds							
2)	A alpha-BHC	3.990	3.269	20456339	24864707	4.926	4.612
3)	MA gamma-BHC...	4.322	3.598	19579467	23938569	4.907	4.658
4)	MA Heptachlor	4.909	3.936	16440953	19991340	4.236	3.794
5)	MB Aldrin	5.250	4.215	19283597	22303020	5.223	4.574
6)	B beta-BHC	4.522	3.899	10318803	11894065	5.592	5.355
7)	B delta-BHC	4.765	4.127	22726647	21191189	5.836m	4.237 #
8)	B Heptachlo...	5.677	4.715	16690619	21404842	4.989	4.675m
9)	A Endosulfan I	6.062	5.085	15796000	20401896	5.145	4.649m
10)	B gamma-Chl...	5.933	4.965	18090614	24142229	5.369	5.000m
11)	B alpha-Chl...	6.012	5.030	17285800	23645996	5.243	4.954
12)	B 4,4'-DDE	6.186	5.217	16488791	22406670	5.605	4.820m
13)	MA Dieldrin	6.336	5.349	17247459	22277153	5.393m	4.592m
14)	MA Endrin	6.566	5.624	13758464	19179635	4.963m	4.395m
15)	B Endosulfa...	6.786	5.921	13447936	18121113	4.954m	4.187
16)	A 4,4'-DDD	6.703	5.773	13398330	16618138	6.186	4.621 #
17)	MA 4,4'-DDT	7.016	6.022	9765863	13653734	4.106	3.386m
18)	B Endrin al...	6.917	6.099	7544007	9866249	3.574	2.932
19)	B Endosulfa...	7.152	6.322	12675380	15887162	5.212	3.900 #
20)	A Methoxychlor	7.492	6.598	5139034	6976423	4.293m	3.289
21)	B Endrin ke...	7.635	6.826	13715550	19104532	5.189m	4.003m
22)	Mirex	8.109	7.006	10428335	16264892	5.047	4.286

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040425\
Data File : PL095051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Apr 2025 14:08
Operator : AR\AJ
Sample : Q1721-02MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

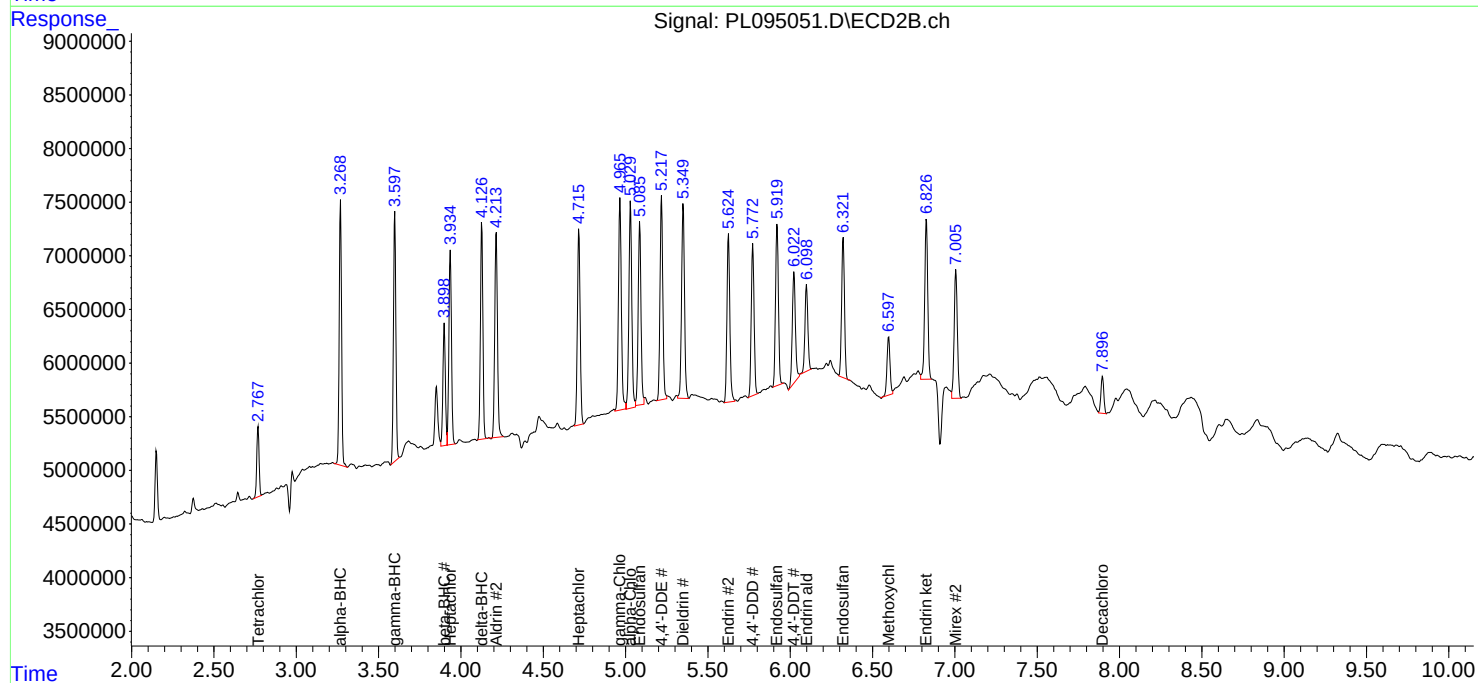
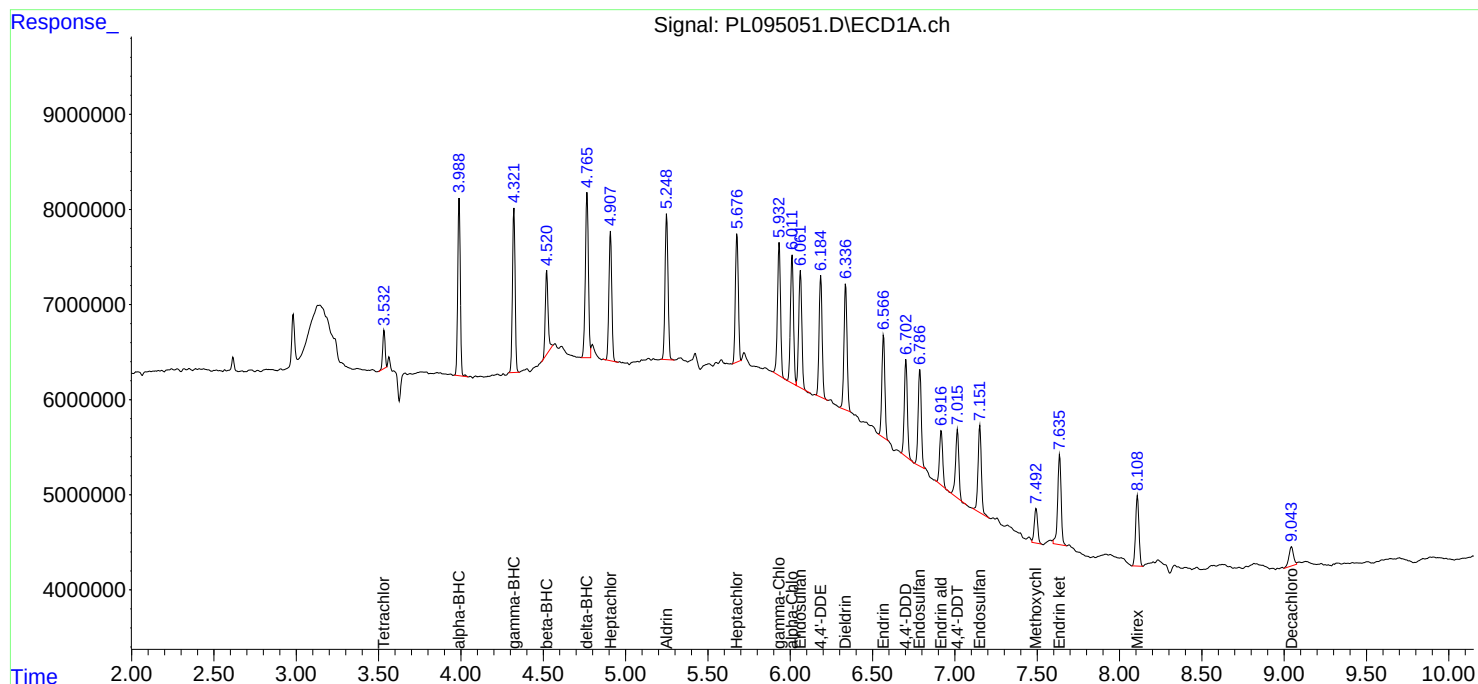
Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

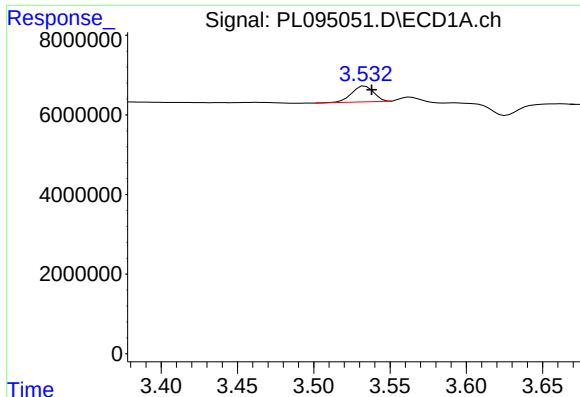
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 22:32:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





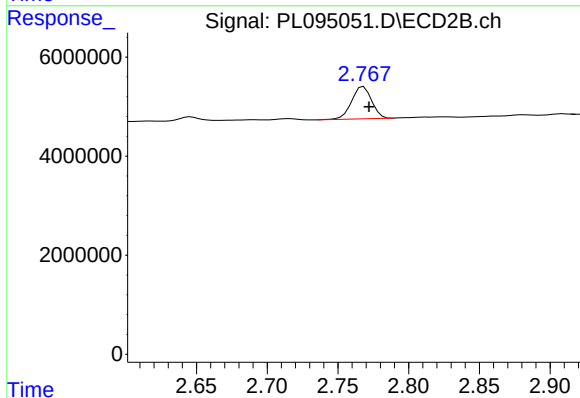
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 3965895
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

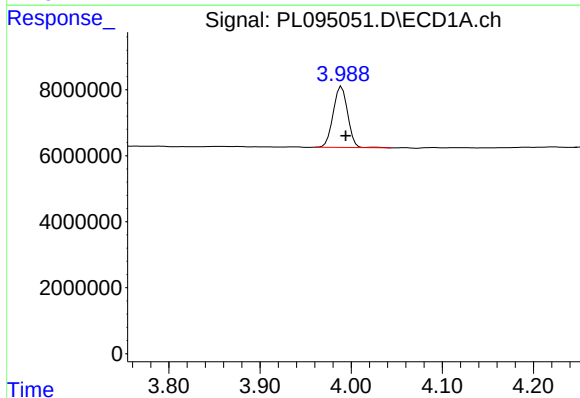
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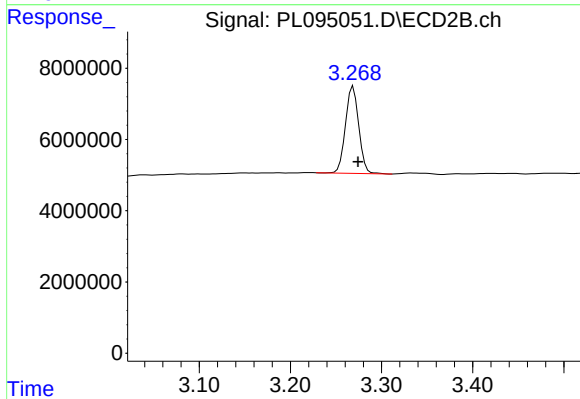
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 6432099
Conc: 1.80 ng/ml



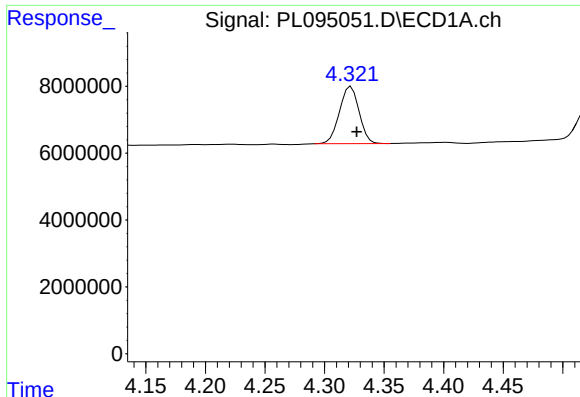
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.005 min
Response: 20456339
Conc: 4.93 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.005 min
Response: 24864707
Conc: 4.61 ng/ml



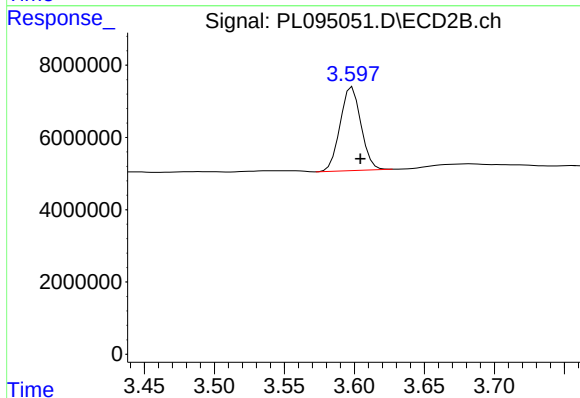
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 19579467
Conc: 4.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

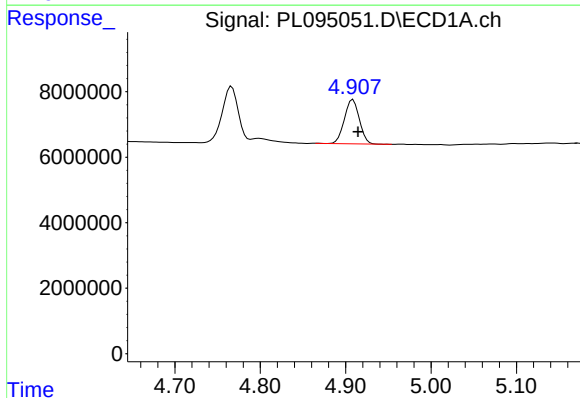
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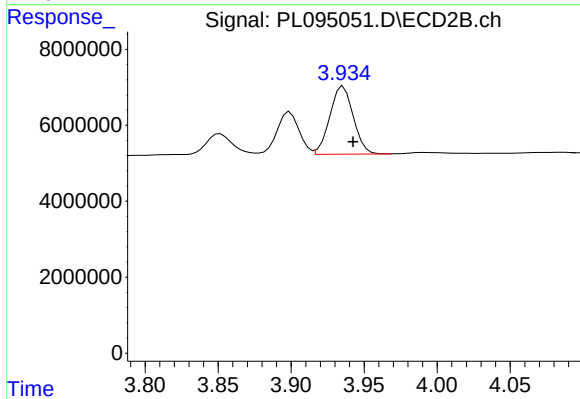
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 23938569
Conc: 4.66 ng/ml



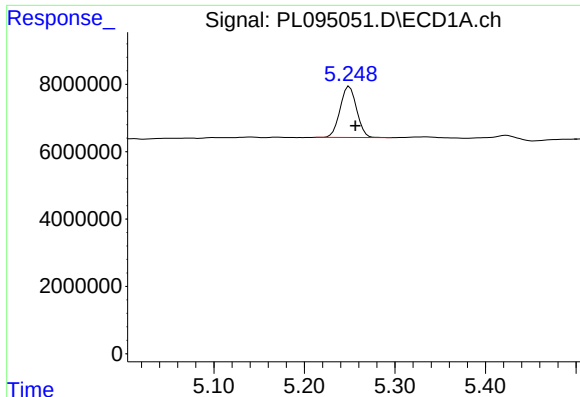
#4 Heptachlor

R.T.: 4.909 min
Delta R.T.: -0.006 min
Response: 16440953
Conc: 4.24 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.007 min
Response: 19991340
Conc: 3.79 ng/ml



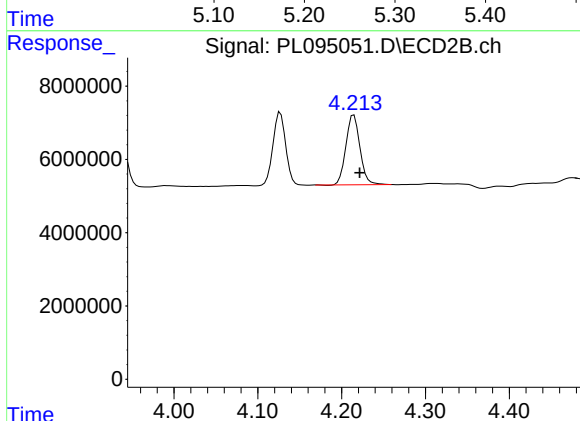
#5 Aldrin

R.T.: 5.250 min
Delta R.T.: -0.007 min
Response: 19283597
Conc: 5.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

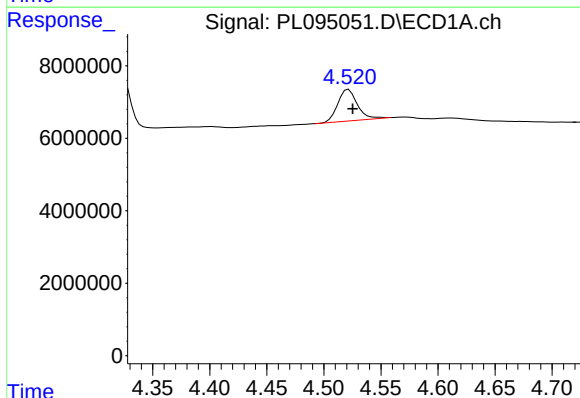
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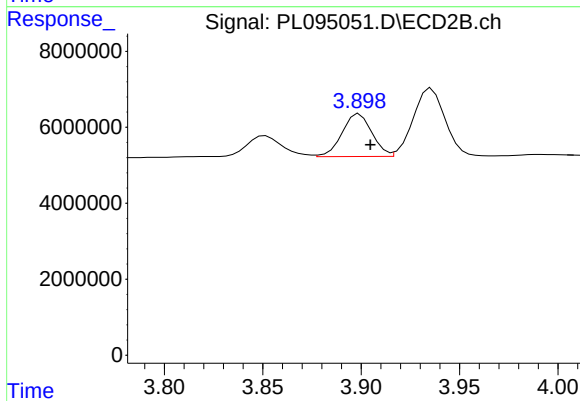
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.007 min
Response: 22303020
Conc: 4.57 ng/ml



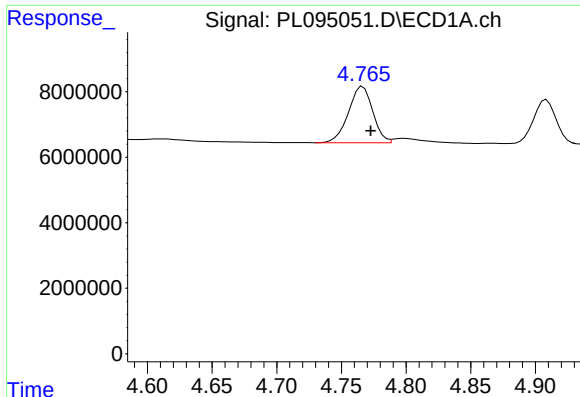
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 10318803
Conc: 5.59 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 11894065
Conc: 5.35 ng/ml



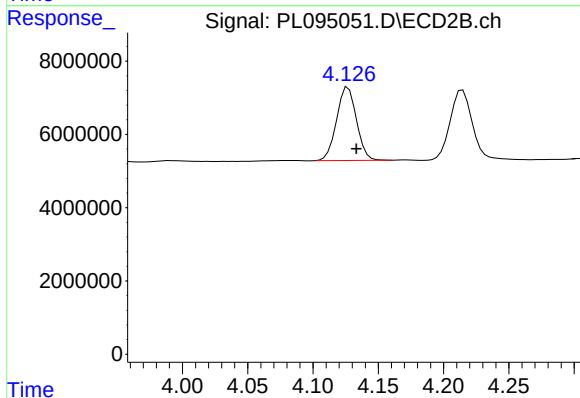
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: -0.008 min
Response: 22726647
Conc: 5.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

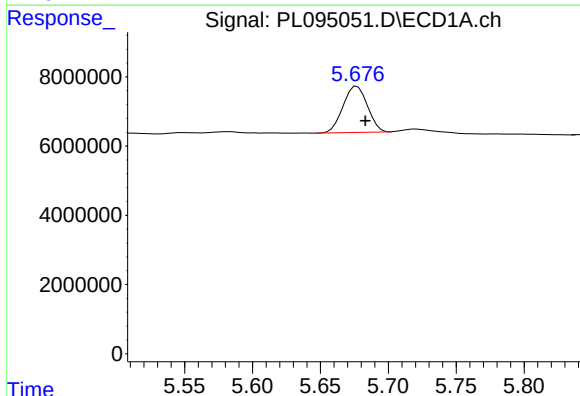
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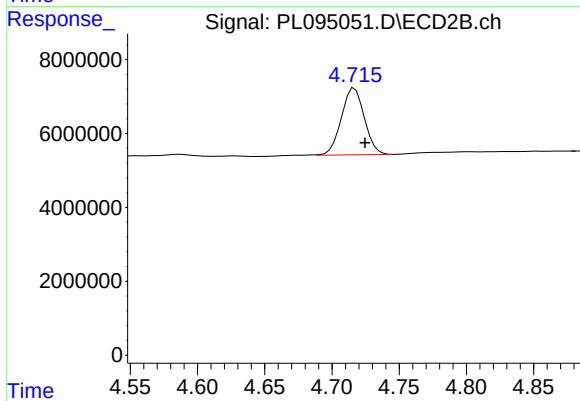
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 21191189
Conc: 4.24 ng/ml



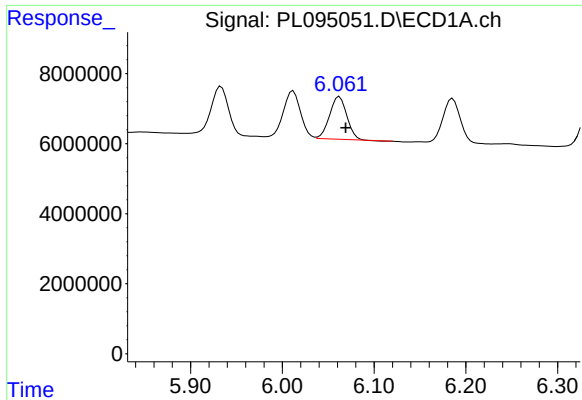
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 16690619
Conc: 4.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: -0.009 min
Response: 21404842
Conc: 4.67 ng/ml m



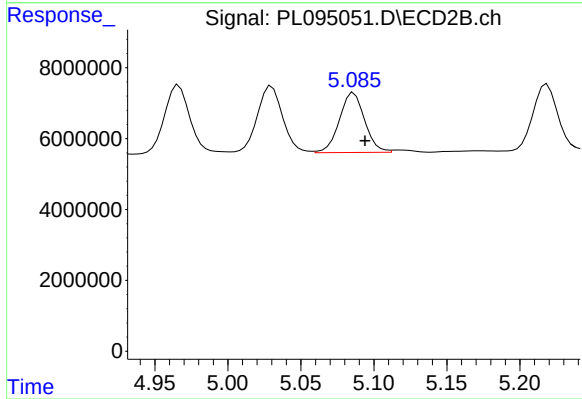
#9 Endosulfan I

R.T.: 6.062 min
Delta R.T.: -0.007 min
Response: 15796000
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

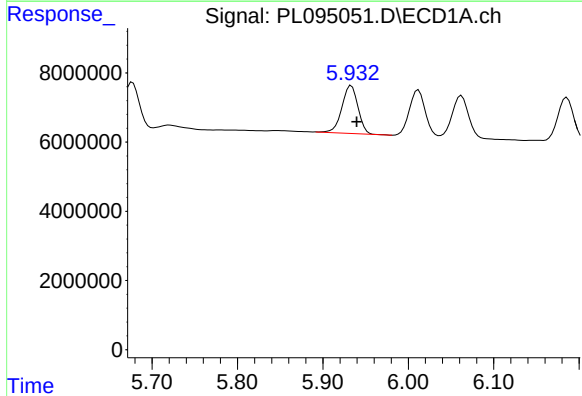
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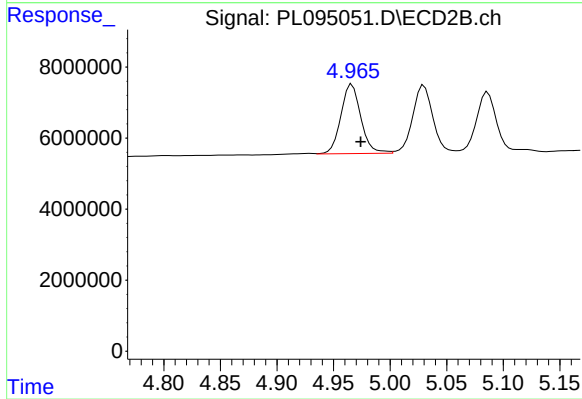
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.009 min
Response: 20401896
Conc: 4.65 ng/ml m



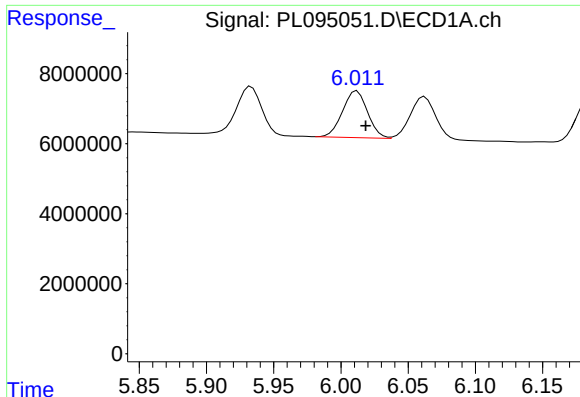
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.006 min
Response: 18090614
Conc: 5.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.009 min
Response: 24142229
Conc: 5.00 ng/ml m



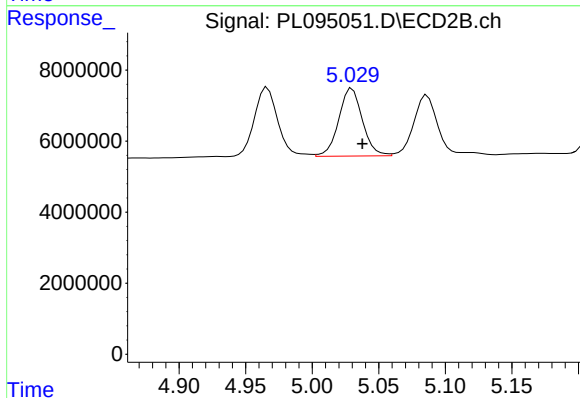
#11 alpha-Chlordane

R.T.: 6.012 min
Delta R.T.: -0.007 min
Response: 17285800
Conc: 5.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

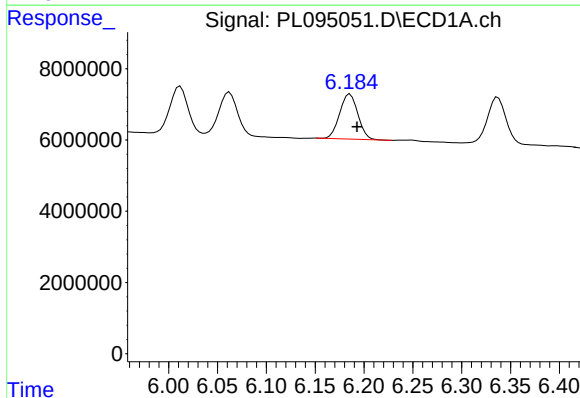
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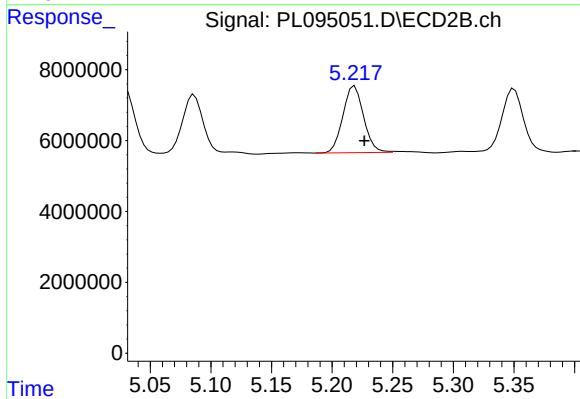
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: -0.008 min
Response: 23645996
Conc: 4.95 ng/ml



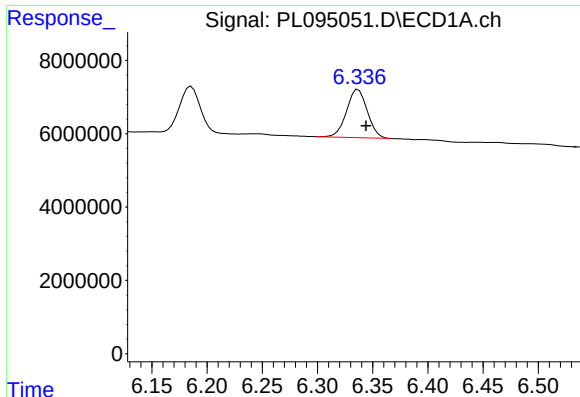
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.007 min
Response: 16488791
Conc: 5.60 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.009 min
Response: 22406670
Conc: 4.82 ng/ml m



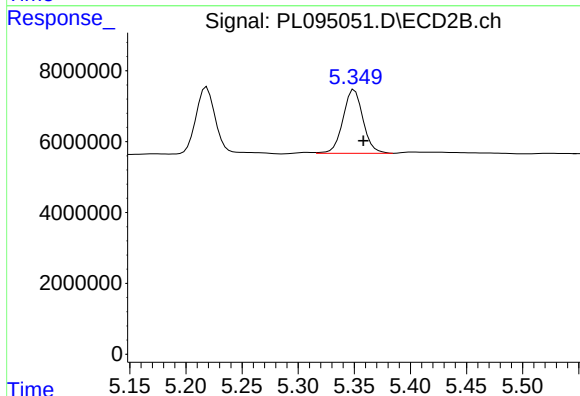
#13 Dieldrin

R.T.: 6.336 min
Delta R.T.: -0.008 min
Response: 17247459
Conc: 5.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

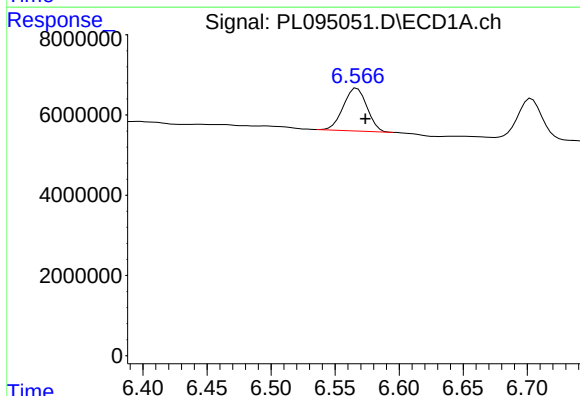
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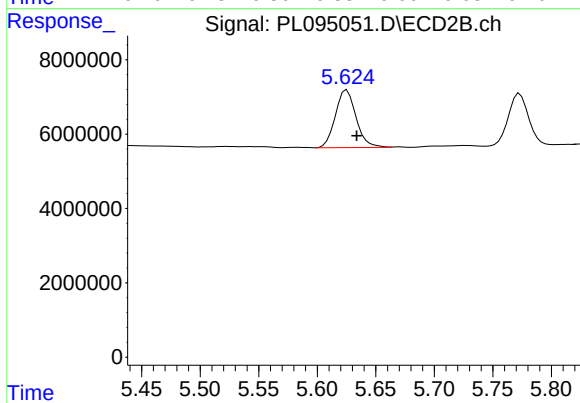
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.010 min
Response: 22277153
Conc: 4.59 ng/ml m



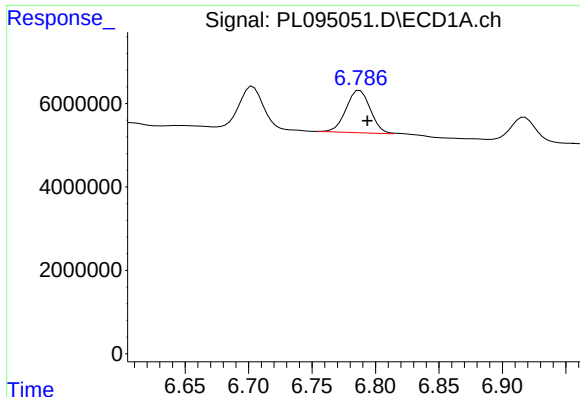
#14 Endrin

R.T.: 6.566 min
Delta R.T.: -0.008 min
Response: 13758464
Conc: 4.96 ng/ml m



#14 Endrin

R.T.: 5.624 min
Delta R.T.: -0.010 min
Response: 19179635
Conc: 4.40 ng/ml m



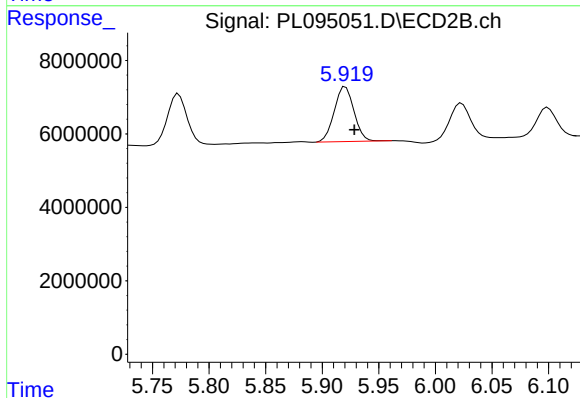
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 13447936
Conc: 4.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

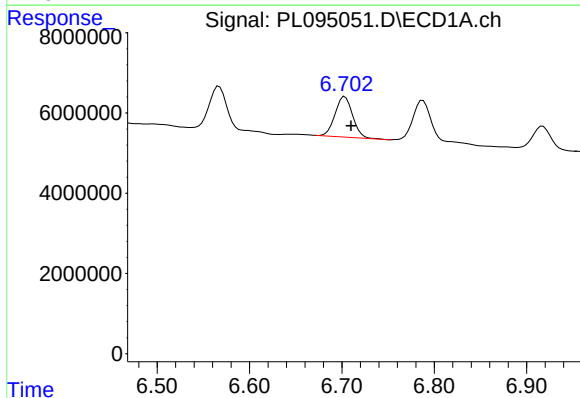
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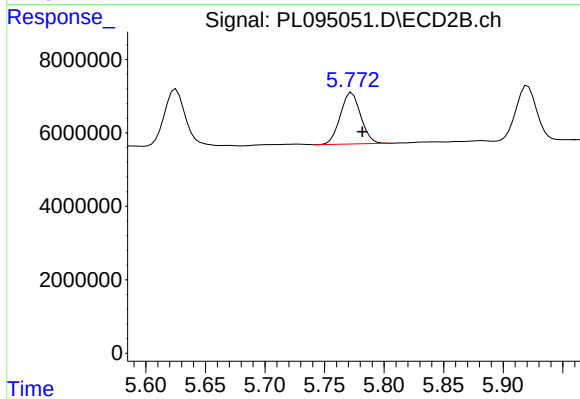
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: -0.008 min
Response: 18121113
Conc: 4.19 ng/ml



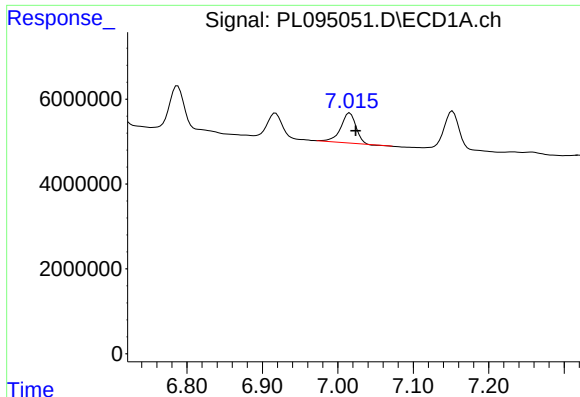
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 13398330
Conc: 6.19 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 16618138
Conc: 4.62 ng/ml



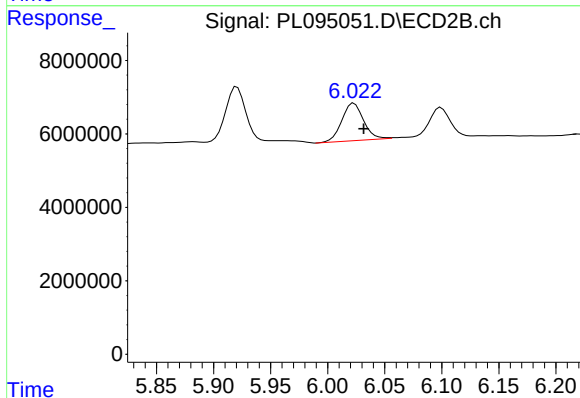
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: -0.008 min
Response: 9765863
Conc: 4.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

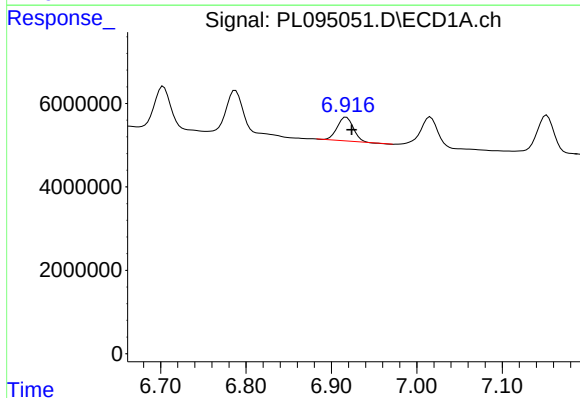
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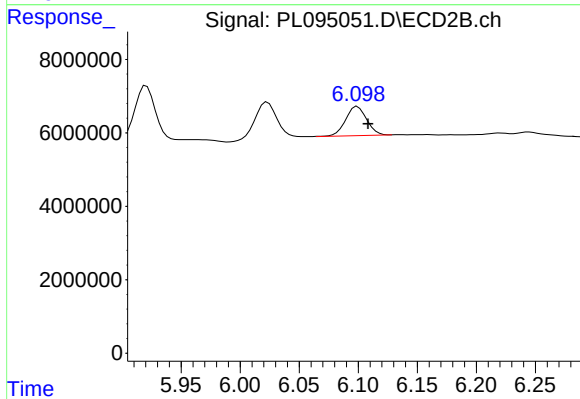
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: -0.010 min
Response: 13653734
Conc: 3.39 ng/ml m



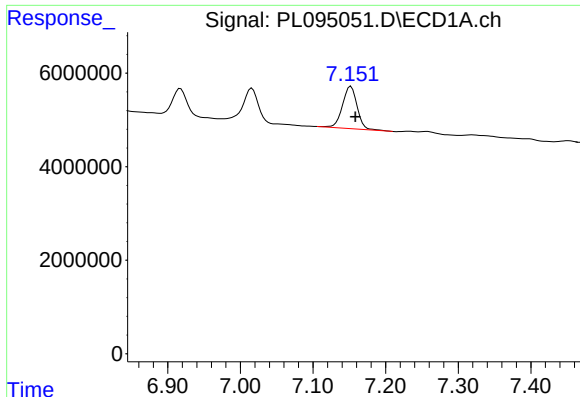
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: -0.006 min
Response: 7544007
Conc: 3.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: -0.009 min
Response: 9866249
Conc: 2.93 ng/ml



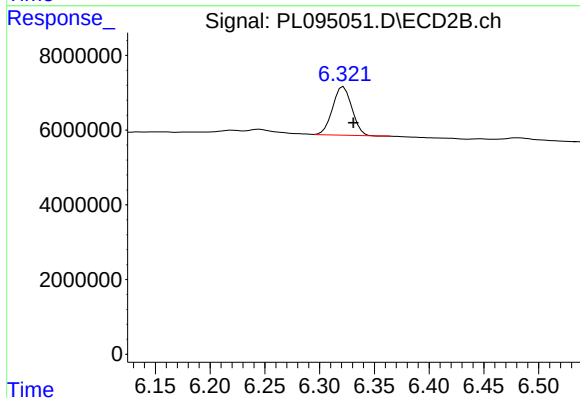
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: -0.006 min
Response: 12675380
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

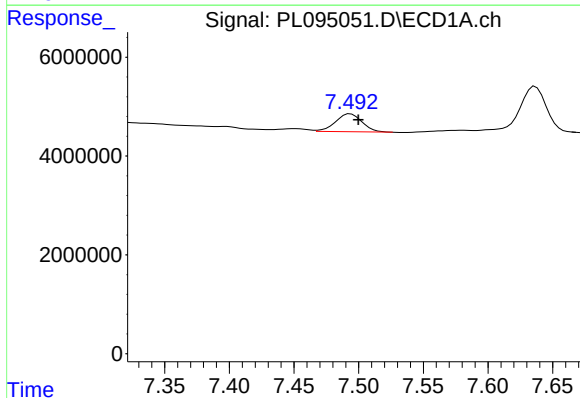
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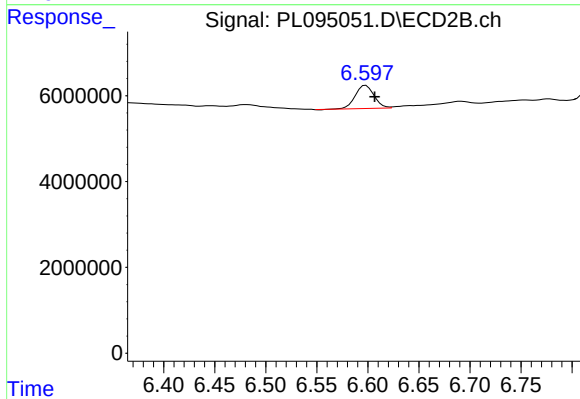
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: -0.009 min
Response: 15887162
Conc: 3.90 ng/ml



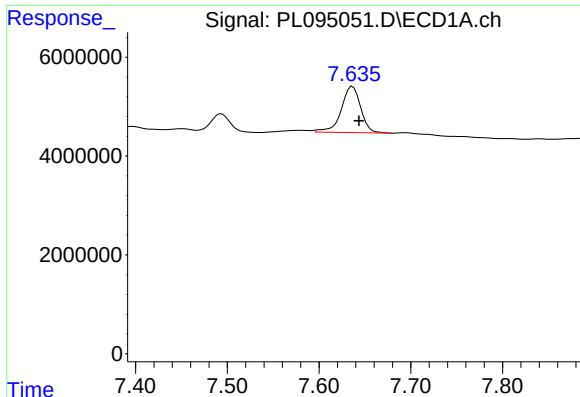
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.007 min
Response: 5139034
Conc: 4.29 ng/ml m



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.009 min
Response: 6976423
Conc: 3.29 ng/ml



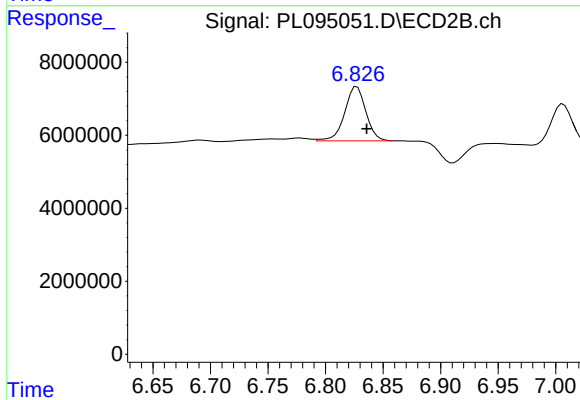
#21 Endrin ketone

R.T.: 7.635 min
Delta R.T.: -0.008 min
Response: 13715550
Conc: 5.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

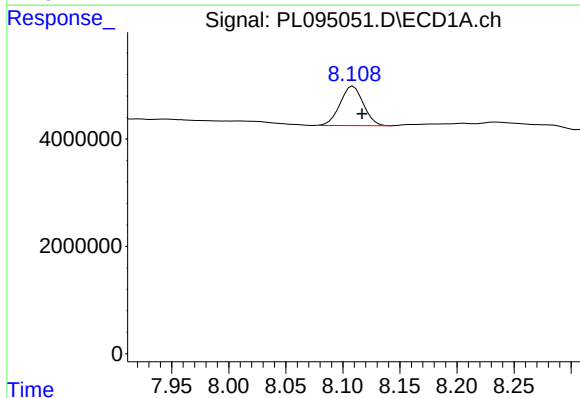
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Reviewed By :Abdul Mirza 04/07/2025
Supervised By :mohammad ahmed 04/09/2025



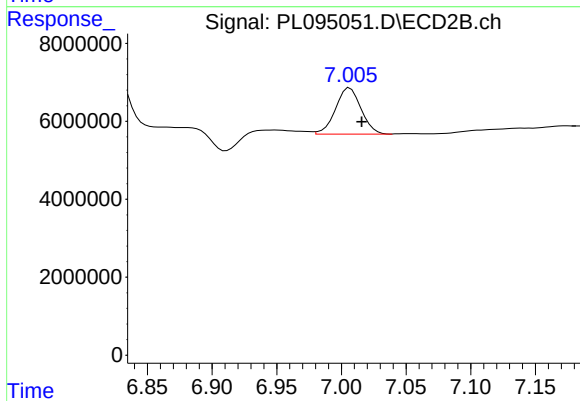
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.010 min
Response: 19104532
Conc: 4.00 ng/ml m



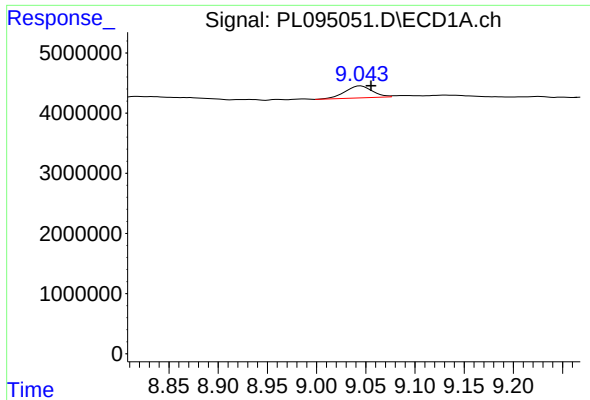
#22 Mirex

R.T.: 8.109 min
Delta R.T.: -0.008 min
Response: 10428335
Conc: 5.05 ng/ml



#22 Mirex

R.T.: 7.006 min
Delta R.T.: -0.009 min
Response: 16264892
Conc: 4.29 ng/ml



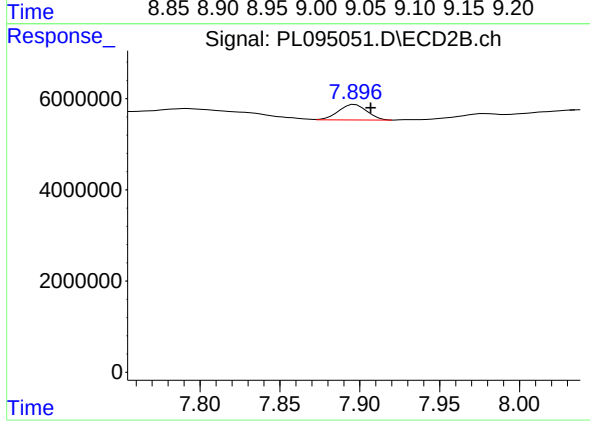
#28 Decachlorobiphenyl

R.T.: 9.043 min
Delta R.T.: -0.012 min
Response: 3929194
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
AU-05-040325MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2025
Supervised By :mohammad ahmed 04/09/2025



#28 Decachlorobiphenyl

R.T.: 7.896 min
Delta R.T.: -0.011 min
Response: 4206464
Conc: 1.04 ng/ml m