

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080425\
 Data File : PL096697.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 14:36
 Operator : AR\AJ
 Sample : Q2734-01MSD 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-253MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2025
 Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 01:45:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.532	2.827	5290565	10126469	1.663m	2.119 #
28)	SA Decachlor...	9.011	7.991	4794246	9316561	2.010m	2.148
Target Compounds							
2)	A alpha-BHC	3.981	3.332	21819245	33578707	4.716	4.745
3)	MA gamma-BHC...	4.309	3.664	21646924	32803941	4.894	4.968
4)	MA Heptachlor	4.899	4.013	20821263	32089162	5.010m	4.817
5)	MB Aldrin	5.240	4.295	20782091	29159712	4.832	4.698
6)	B beta-BHC	4.495	3.959	9089509	15619689	5.036	5.537m
7)	B delta-BHC	4.740	4.193	20825175	30493508	5.220m	4.710
8)	B Heptachlo...	5.659	4.797	25489822	28825541	6.610	5.047
9)	A Endosulfan I	6.041	5.169	19206339	28857954	5.340	5.217
10)	B gamma-Chl...	5.913	5.050	19024960	28395989	5.000	4.829
11)	B alpha-Chl...	5.994	5.114	19823040	29051737	5.143	4.925
12)	B 4,4'-DDE	6.163	5.302	21935783	37411834	6.831	6.784
13)	MA Dieldrin	6.313	5.433	17393142	29700959	4.687	5.028
14)	MA Endrin	6.539	5.709	13566585	30312515	4.482	5.607 #
15)	B Endosulfa...	6.751	5.999	15464009	24679735	4.829m	4.805
16)	A 4,4'-DDD	6.672	5.854	14622725	23159489	5.783	4.922
17)	MA 4,4'-DDT	6.987	6.107	19724770	29947860	6.878	5.921
18)	B Endrin al...	6.882	6.177	12123149	25990117	5.649	3.964 #
19)	B Endosulfa...	7.115	6.401	14369153	23969428	5.000	4.713
20)	A Methoxychlor	7.460	6.678	5913828	11481547	4.028	4.190m
21)	B Endrin ke...	7.594	6.905	14378949	24310689	4.782	4.365
22)	Mirex	8.074	7.096	13459707	20157034	5.429	4.622

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080425\
Data File : PL096697.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 14:36
Operator : AR\AJ
Sample : Q2734-01MSD 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

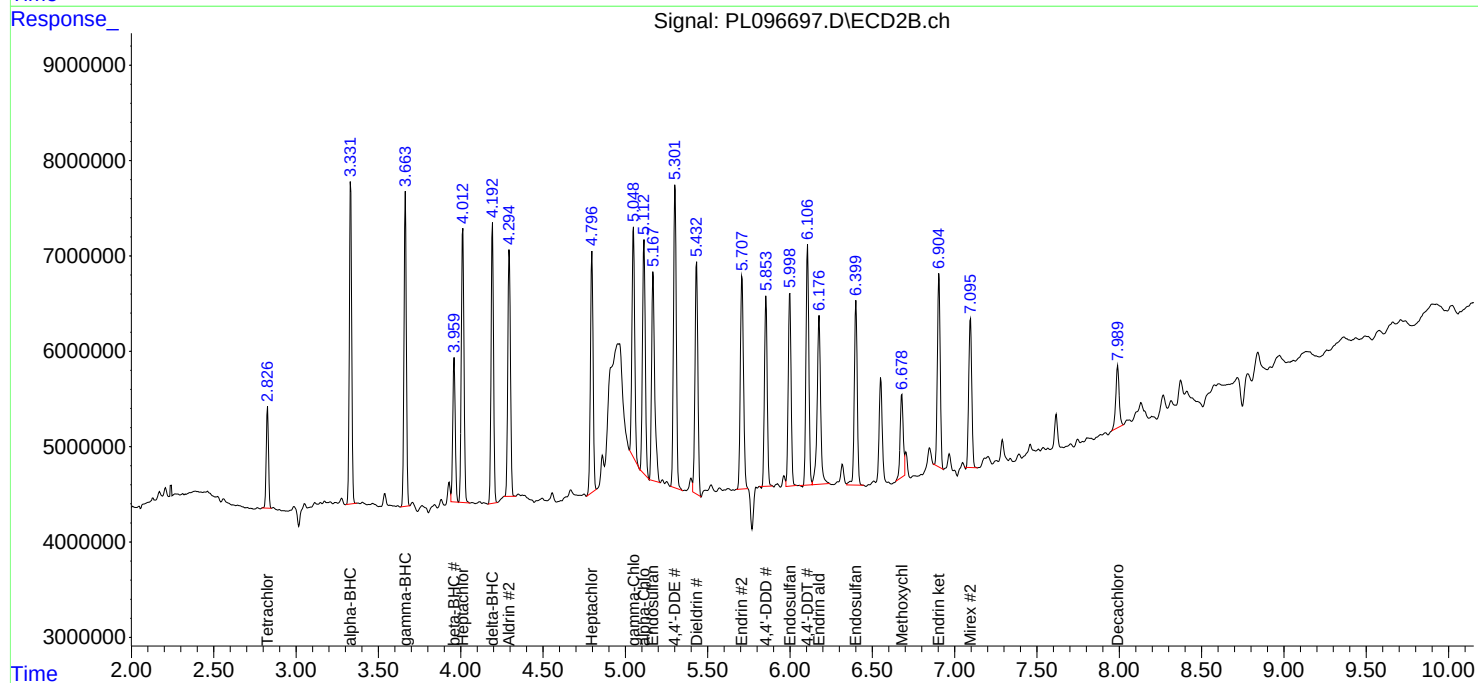
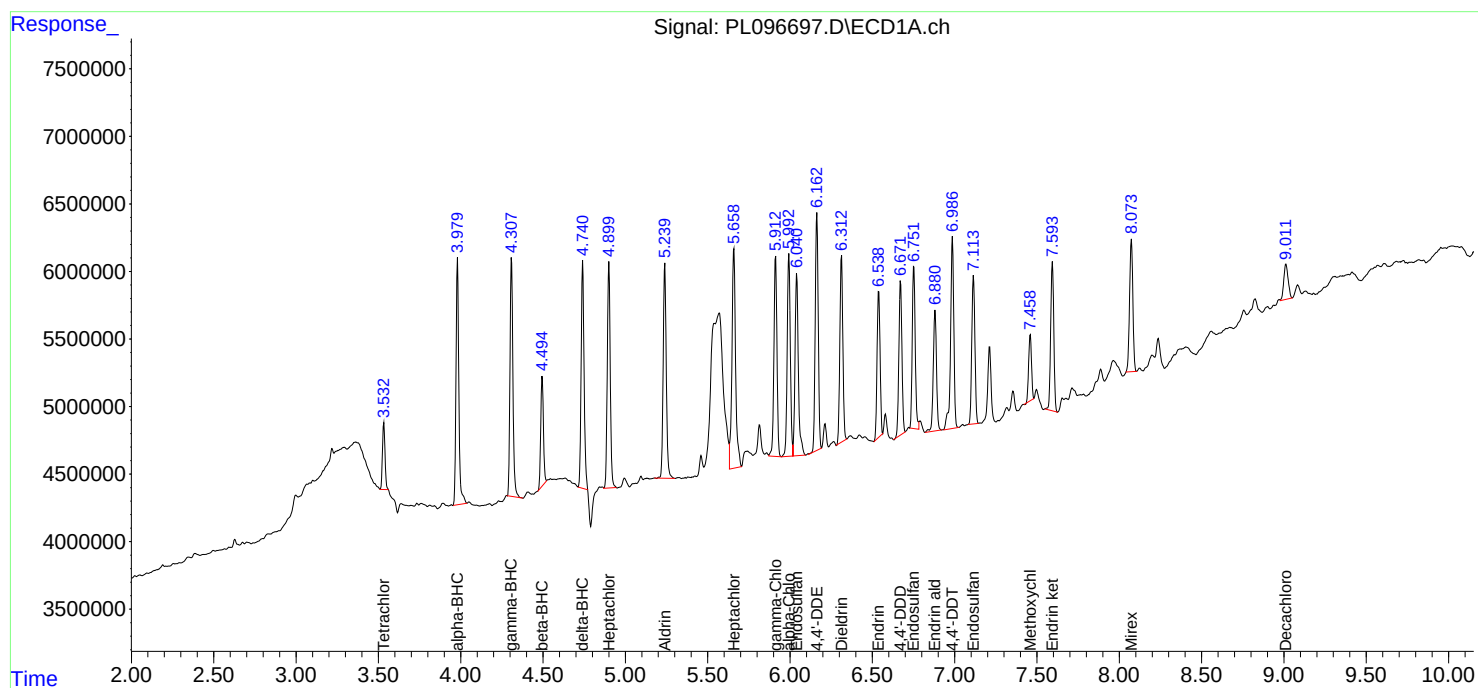
Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

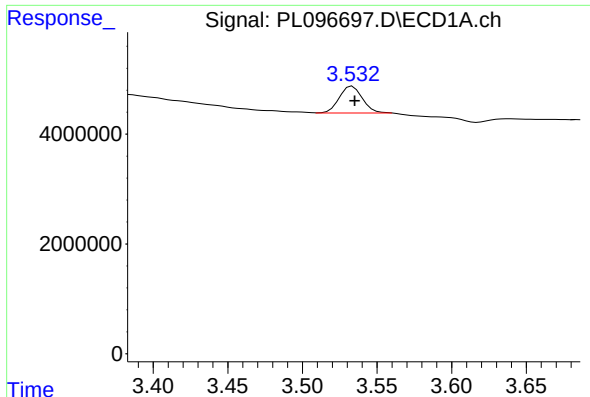
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/05/2025
Supervised By : mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 01:45:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





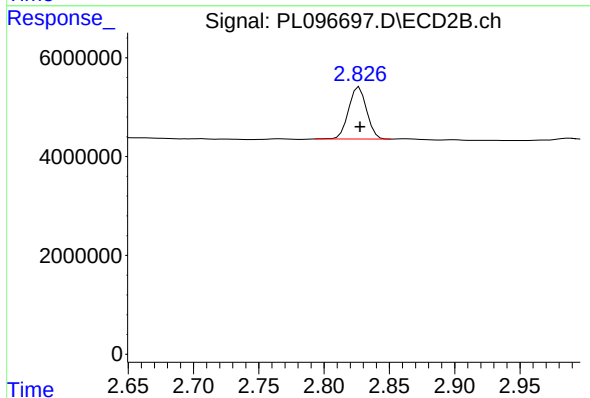
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.003 min
Response: 5290565
Conc: 1.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

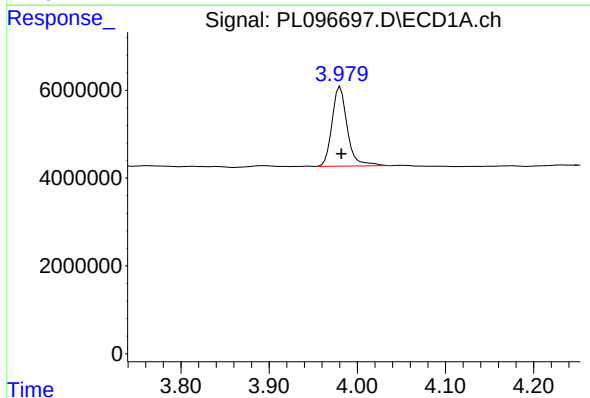
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



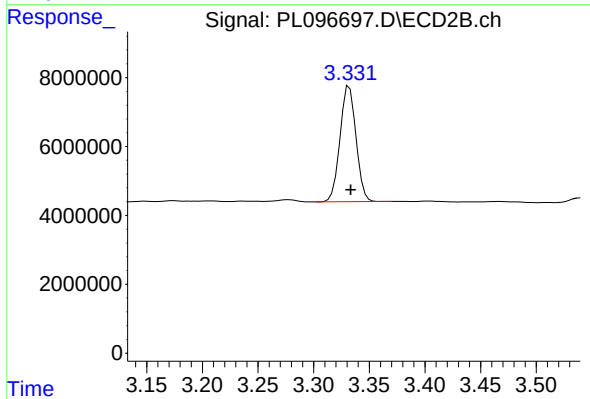
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 10126469
Conc: 2.12 ng/ml



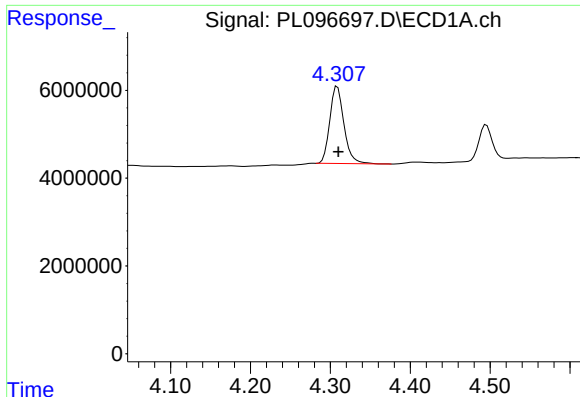
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 21819245
Conc: 4.72 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.001 min
Response: 33578707
Conc: 4.74 ng/ml



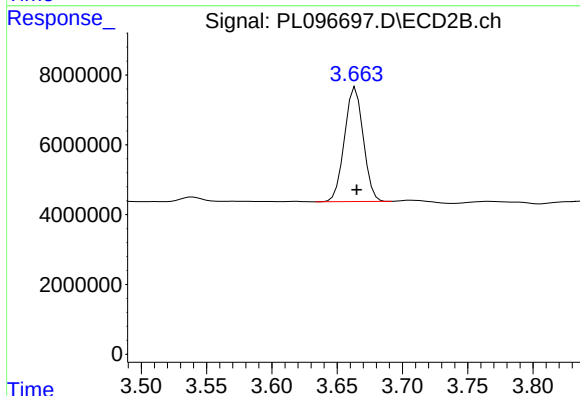
#3 gamma-BHC (Lindane)

R.T.: 4.309 min
Delta R.T.: -0.001 min
Response: 21646924
Conc: 4.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

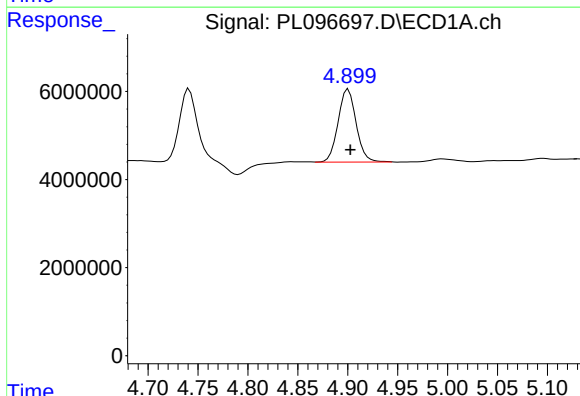
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



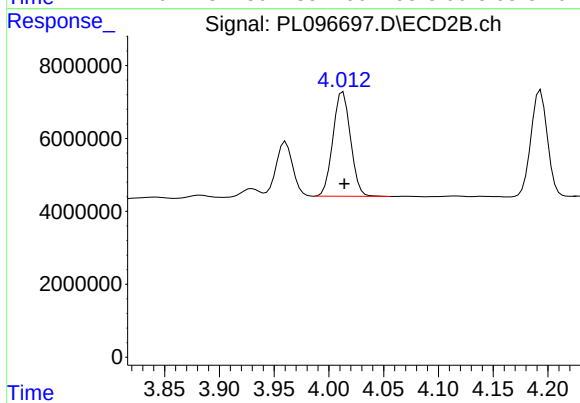
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 32803941
Conc: 4.97 ng/ml



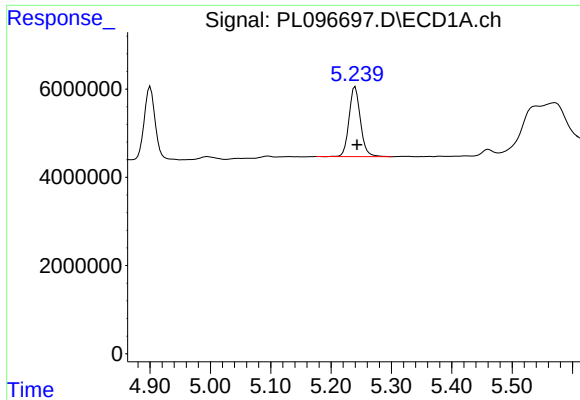
#4 Heptachlor

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 20821263
Conc: 5.01 ng/ml m



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 32089162
Conc: 4.82 ng/ml



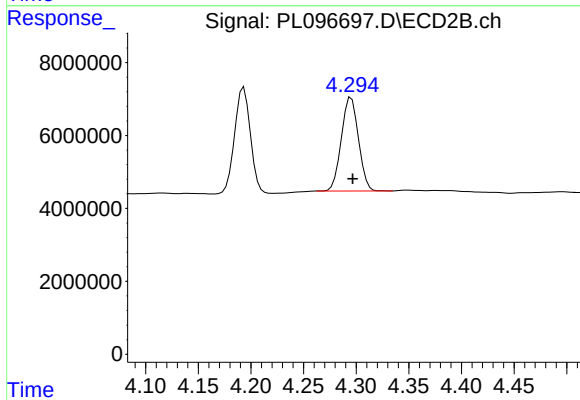
#5 Aldrin

R.T.: 5.240 min
Delta R.T.: -0.003 min
Response: 20782091
Conc: 4.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

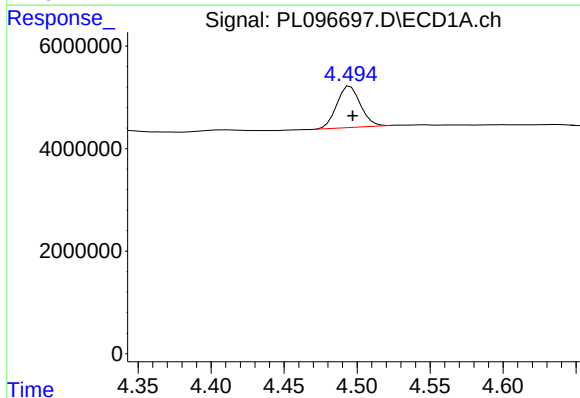
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



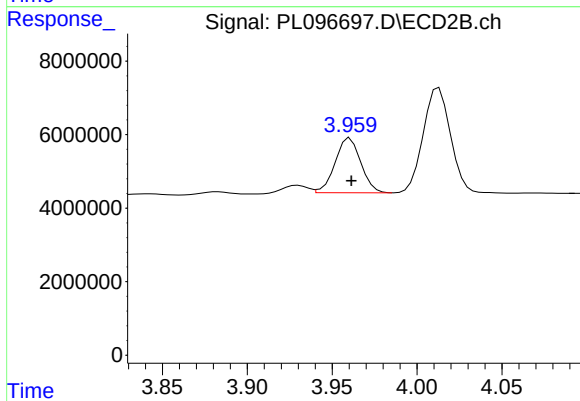
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 29159712
Conc: 4.70 ng/ml



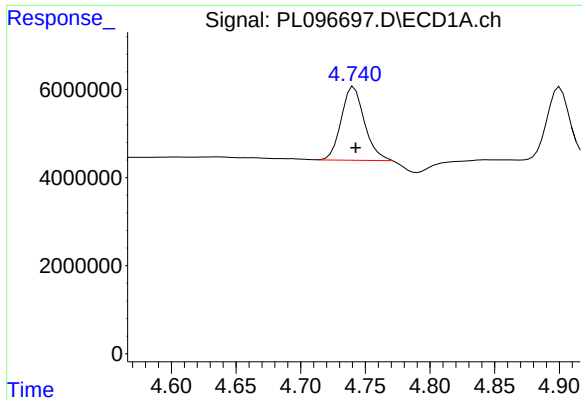
#6 beta-BHC

R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 9089509
Conc: 5.04 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 15619689
Conc: 5.54 ng/ml m



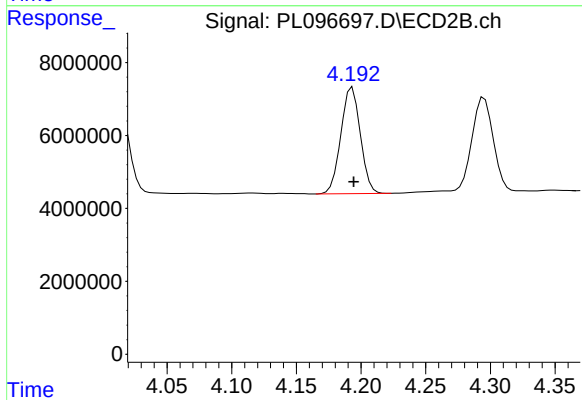
#7 delta-BHC

R.T.: 4.740 min
Delta R.T.: -0.003 min
Response: 20825175
Conc: 5.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

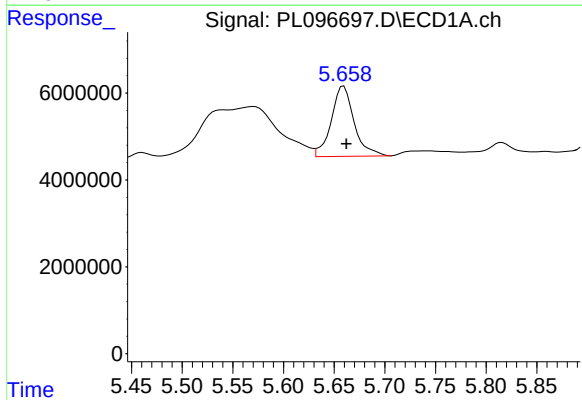
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



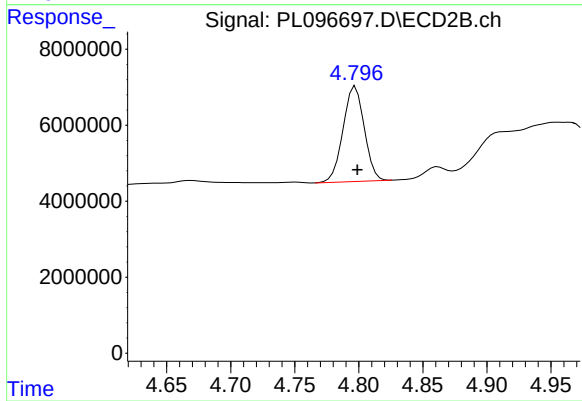
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.001 min
Response: 30493508
Conc: 4.71 ng/ml



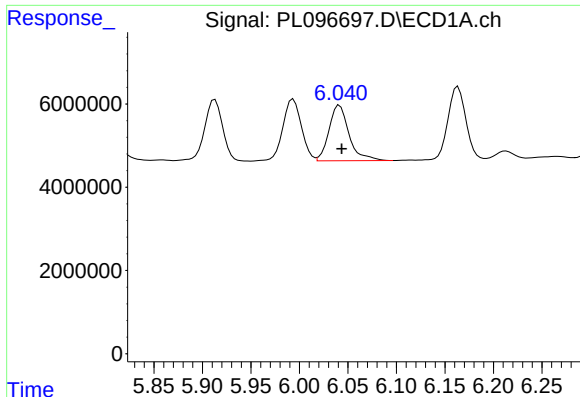
#8 Heptachlor epoxide

R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 25489822
Conc: 6.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 28825541
Conc: 5.05 ng/ml



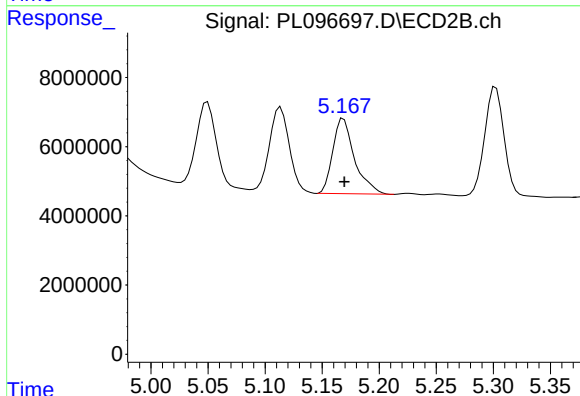
#9 Endosulfan I

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 19206339
Conc: 5.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

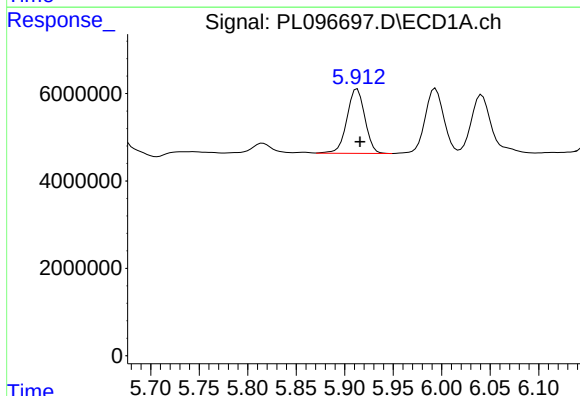
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



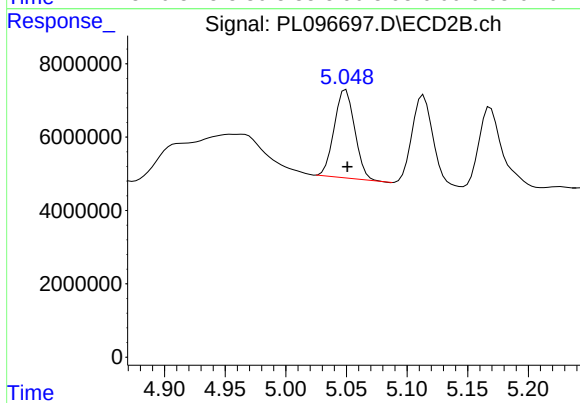
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 28857954
Conc: 5.22 ng/ml



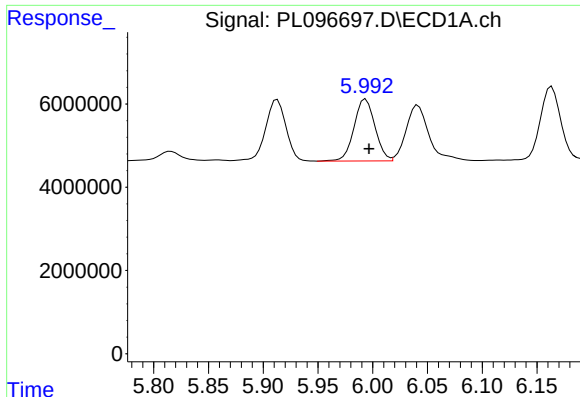
#10 gamma-Chlordane

R.T.: 5.913 min
Delta R.T.: -0.003 min
Response: 19024960
Conc: 5.00 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.001 min
Response: 28395989
Conc: 4.83 ng/ml



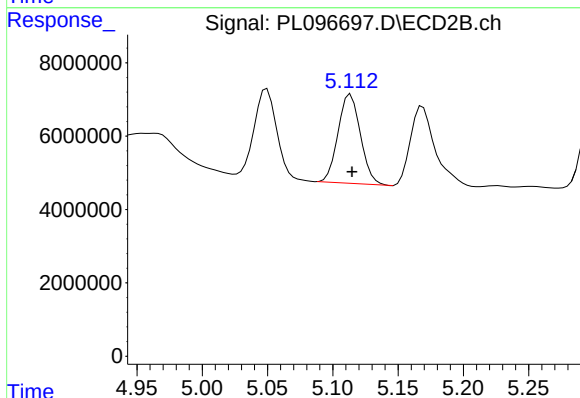
#11 alpha-Chlordane

R.T.: 5.994 min
Delta R.T.: -0.003 min
Response: 19823040
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

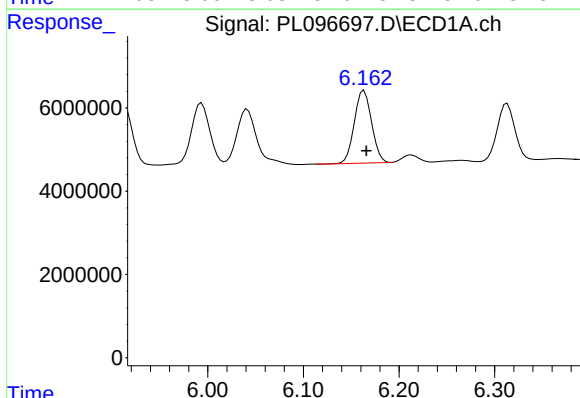
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



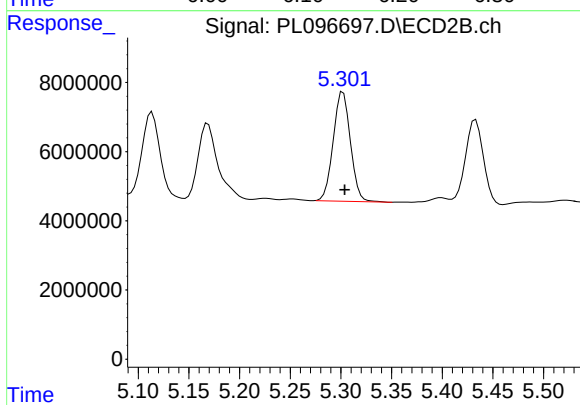
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.001 min
Response: 29051737
Conc: 4.92 ng/ml



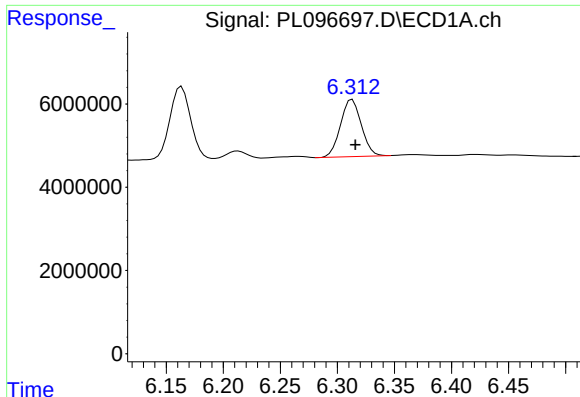
#12 4,4'-DDE

R.T.: 6.163 min
Delta R.T.: -0.003 min
Response: 21935783
Conc: 6.83 ng/ml



#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 37411834
Conc: 6.78 ng/ml



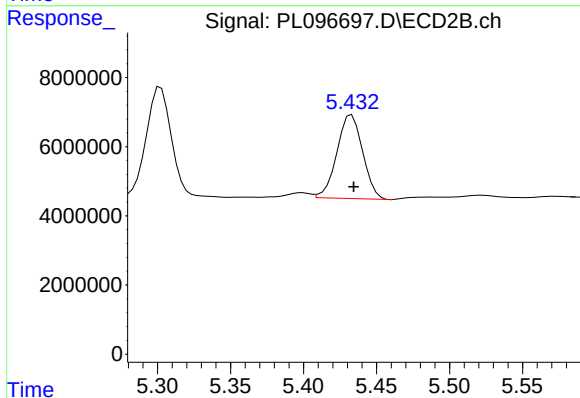
#13 Dieldrin

R.T.: 6.313 min
Delta R.T.: -0.003 min
Response: 17393142
Conc: 4.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

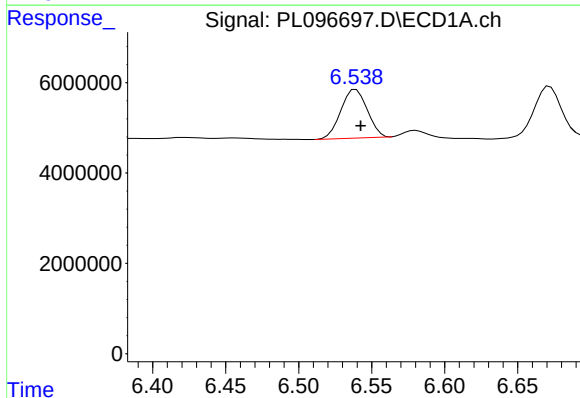
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



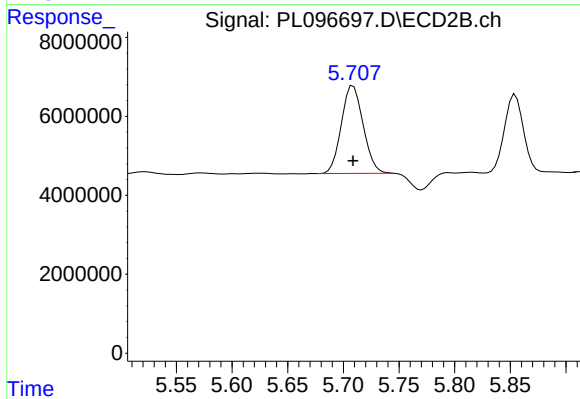
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.001 min
Response: 29700959
Conc: 5.03 ng/ml



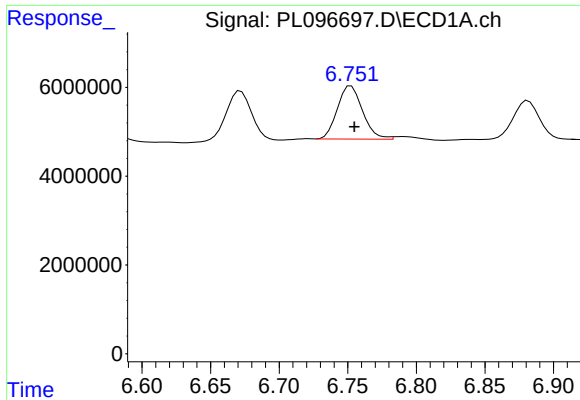
#14 Endrin

R.T.: 6.539 min
Delta R.T.: -0.003 min
Response: 13566585
Conc: 4.48 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 30312515
Conc: 5.61 ng/ml



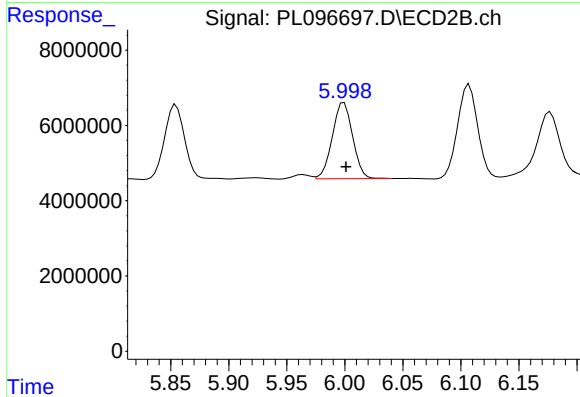
#15 Endosulfan II

R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 15464009
Conc: 4.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

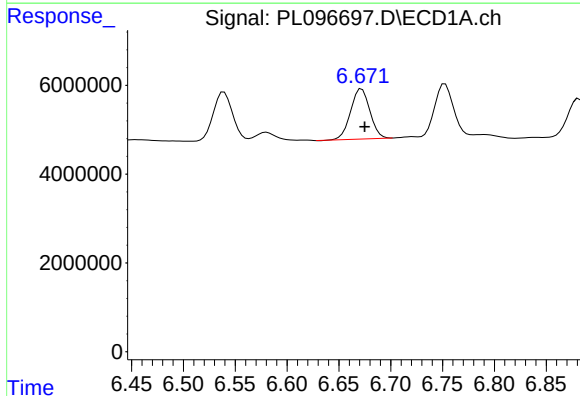
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



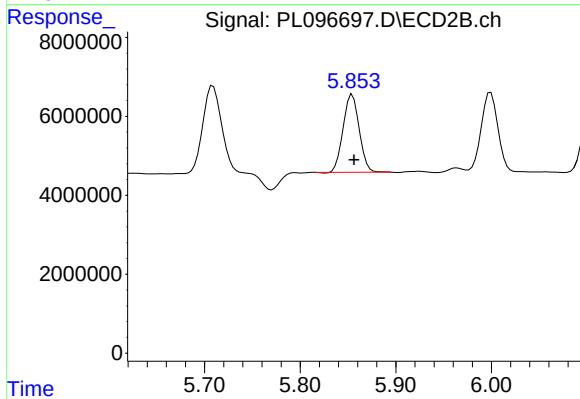
#15 Endosulfan II

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 24679735
Conc: 4.81 ng/ml



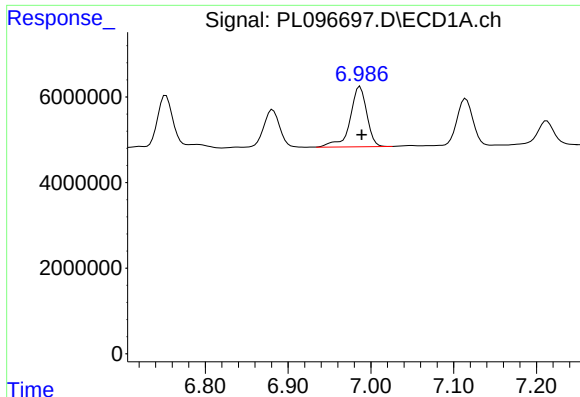
#16 4,4'-DDD

R.T.: 6.672 min
Delta R.T.: -0.003 min
Response: 14622725
Conc: 5.78 ng/ml



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 23159489
Conc: 4.92 ng/ml



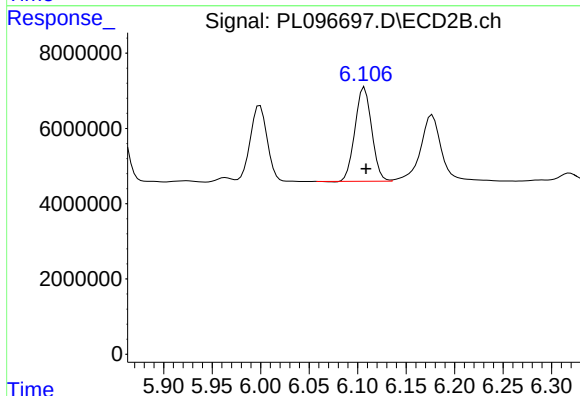
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 19724770
Conc: 6.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

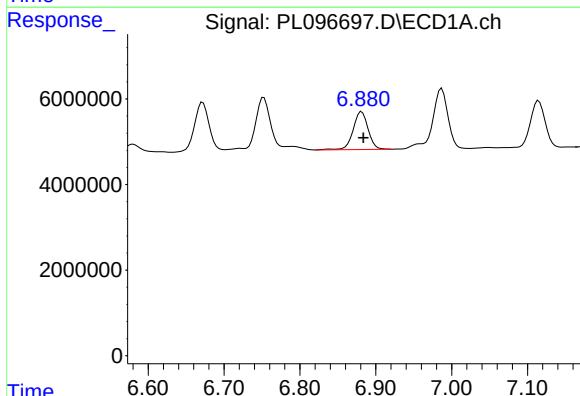
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



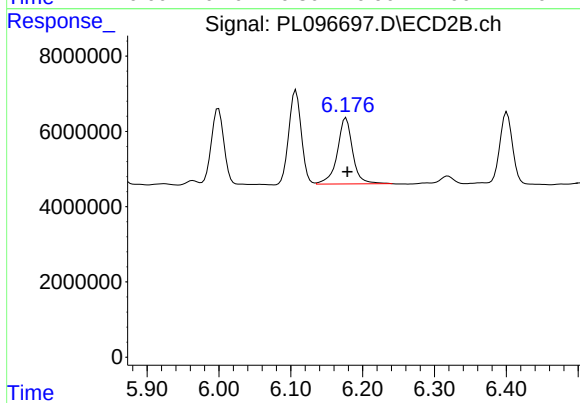
#17 4,4'-DDT

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 29947860
Conc: 5.92 ng/ml



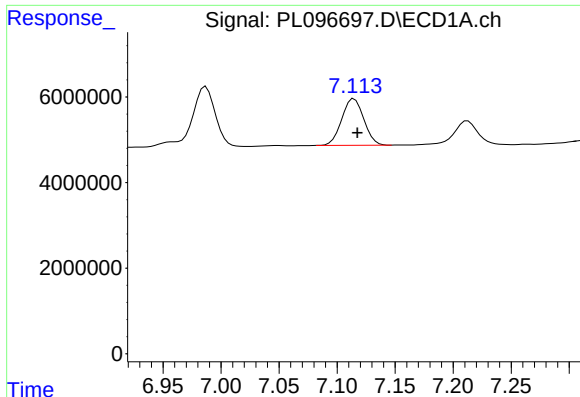
#18 Endrin aldehyde

R.T.: 6.882 min
Delta R.T.: -0.002 min
Response: 12123149
Conc: 5.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 25990117
Conc: 3.96 ng/ml



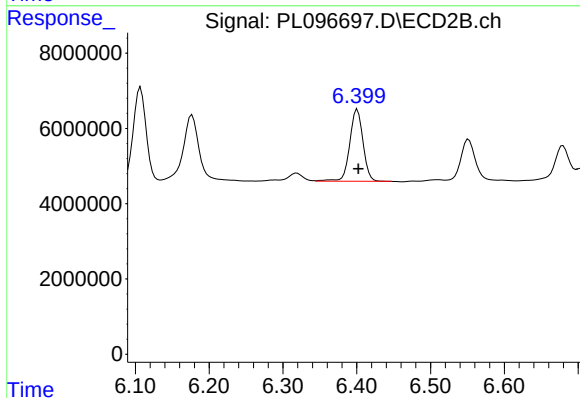
#19 Endosulfan Sulfate

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 14369153
Conc: 5.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

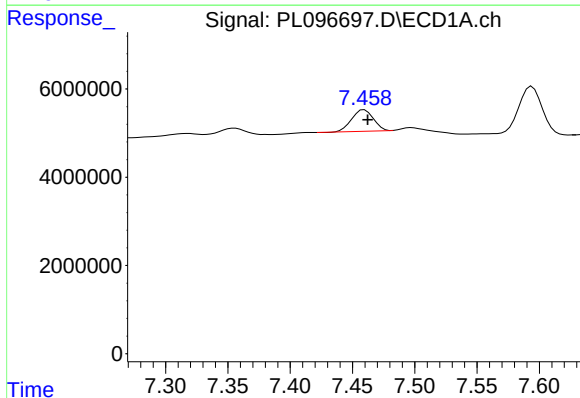
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



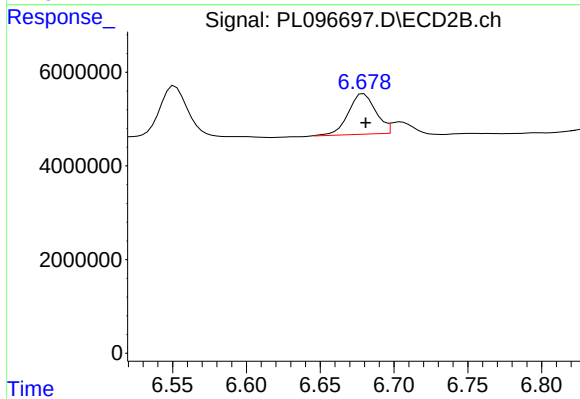
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: -0.001 min
Response: 23969428
Conc: 4.71 ng/ml



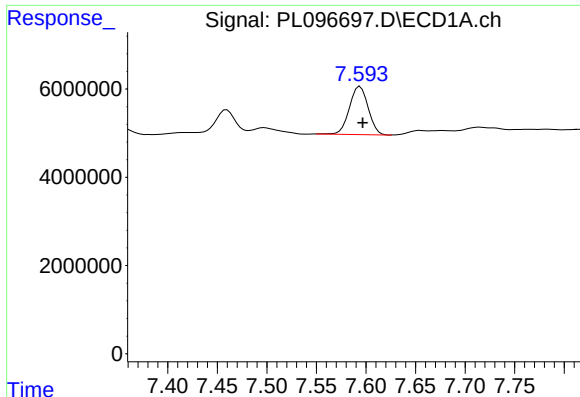
#20 Methoxychlor

R.T.: 7.460 min
Delta R.T.: -0.003 min
Response: 5913828
Conc: 4.03 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 11481547
Conc: 4.19 ng/ml m



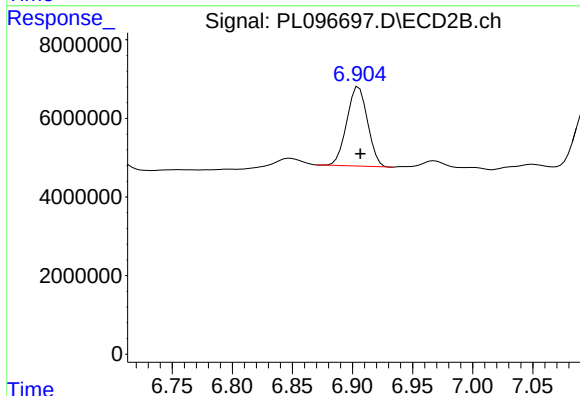
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: -0.003 min
Response: 14378949
Conc: 4.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-253MSD

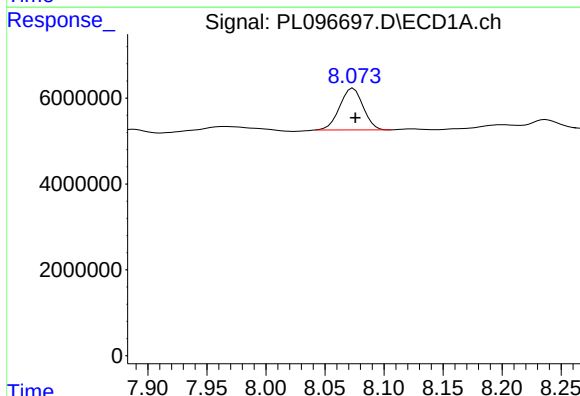
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2025
Supervised By :mohammad ahmed 08/05/2025



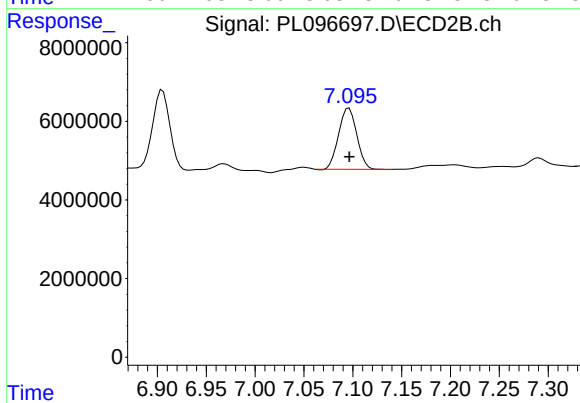
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.001 min
Response: 24310689
Conc: 4.36 ng/ml



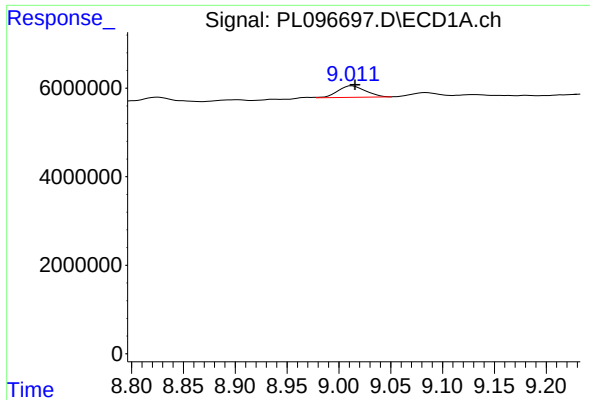
#22 Mirex

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 13459707
Conc: 5.43 ng/ml



#22 Mirex

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 20157034
Conc: 4.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.011 min
Delta R.T.: -0.005 min
Response: 4794246
Conc: 2.01 ng/ml

Instrument :

ECD_L

ClientSampleId :

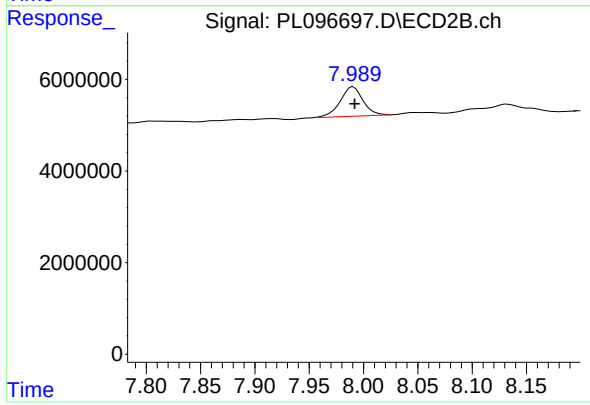
VNJ-253MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/05/2025

Supervised By :mohammad ahmed 08/05/2025



#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: -0.001 min
Response: 9316561
Conc: 2.15 ng/ml