

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
 Data File : PL096600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 17:47
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/29/2025
 Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 07:45:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 07:36:56 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	2.827	16289913	24636469	5.193	5.207
28)	SA Decachlor...	9.016	7.992	13081800	24155779	5.647	5.719
Target Compounds							
2)	A alpha-BHC	3.981	3.333	21891026	33671129	4.713	4.718
3)	MA gamma-BHC...	4.310	3.664	21804234	32260997	4.966	4.863
4)	MA Heptachlor	4.901	4.013	20915741	33277461	5.065m	4.998
5)	MB Aldrin	5.240	4.296	21509762	30546909	5.039m	4.903
6)	B beta-BHC	4.497	3.961	9319336	14886777	5.233	5.350
7)	B delta-BHC	4.742	4.194	19209773	31362311	4.828	4.829
8)	B Heptachlo...	5.660	4.798	19218202	28926139	4.995m	5.076
9)	A Endosulfan I	6.043	5.169	18404240	30432392	5.204	5.675
10)	B gamma-Chl...	5.915	5.050	18527805	28851412	4.875	4.891
11)	B alpha-Chl...	5.996	5.115	19648624	31301796	5.168	5.397
12)	B 4,4'-DDE	6.165	5.303	16169148	26895387	5.138	4.854
13)	MA Dieldrin	6.315	5.434	17886564	29267822	4.817	4.962
14)	MA Endrin	6.541	5.709	14803966	27745055	4.957	5.161
15)	B Endosulfa...	6.753	6.000	18583621	26018008	6.107m	5.079
16)	A 4,4'-DDD	6.674	5.856	12297723	23708739	4.873	5.052
17)	MA 4,4'-DDT	6.989	6.108	13672011	24000169	4.739	4.689
18)	B Endrin al...	6.884	6.177	11040304	28959356	5.195	7.720m#
19)	B Endosulfa...	7.117	6.402	14782385	26237528	5.184	5.182
20)	A Methoxychlor	7.462	6.681	7310793	14153462	4.946	5.181
21)	B Endrin ke...	7.597	6.907	15006830	27568439	4.996	4.986
22)	Mirex	8.076	7.097	13350221	24190284	5.474	5.686

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072825\
Data File : PL096600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 17:47
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

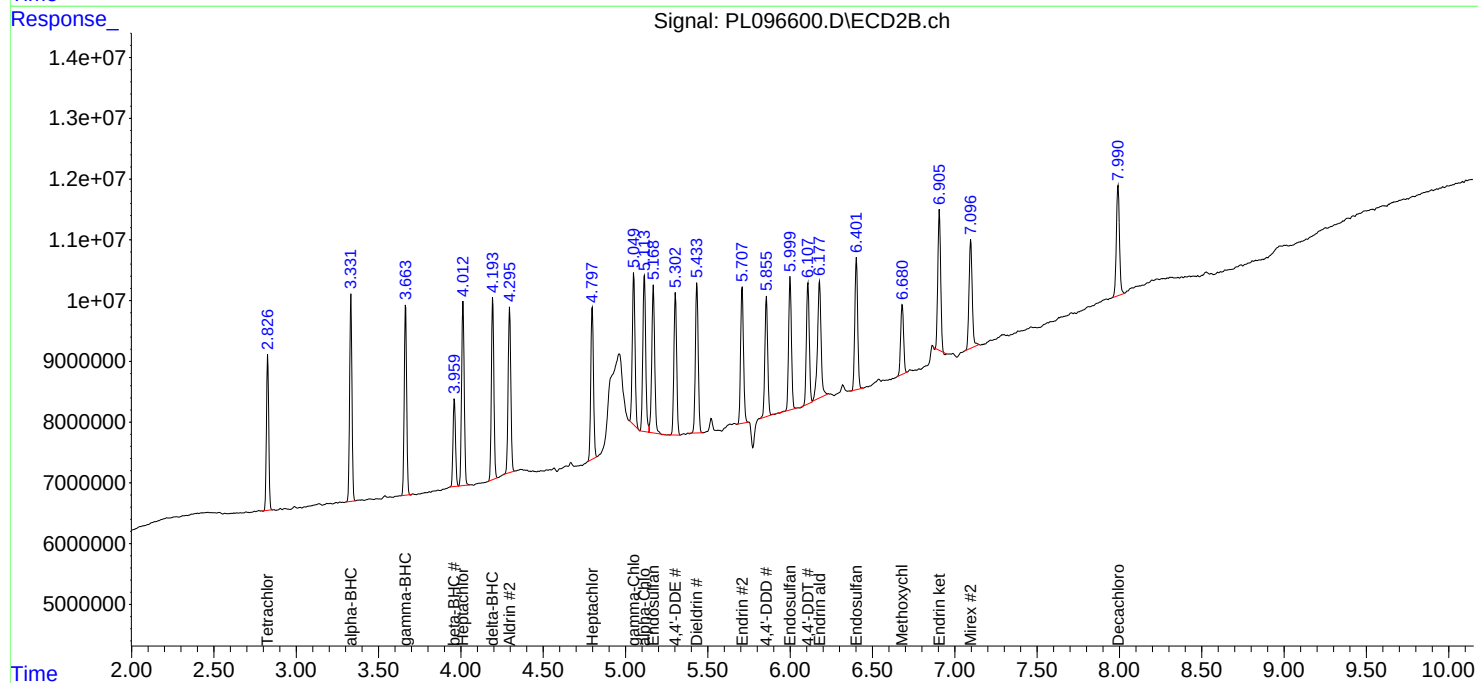
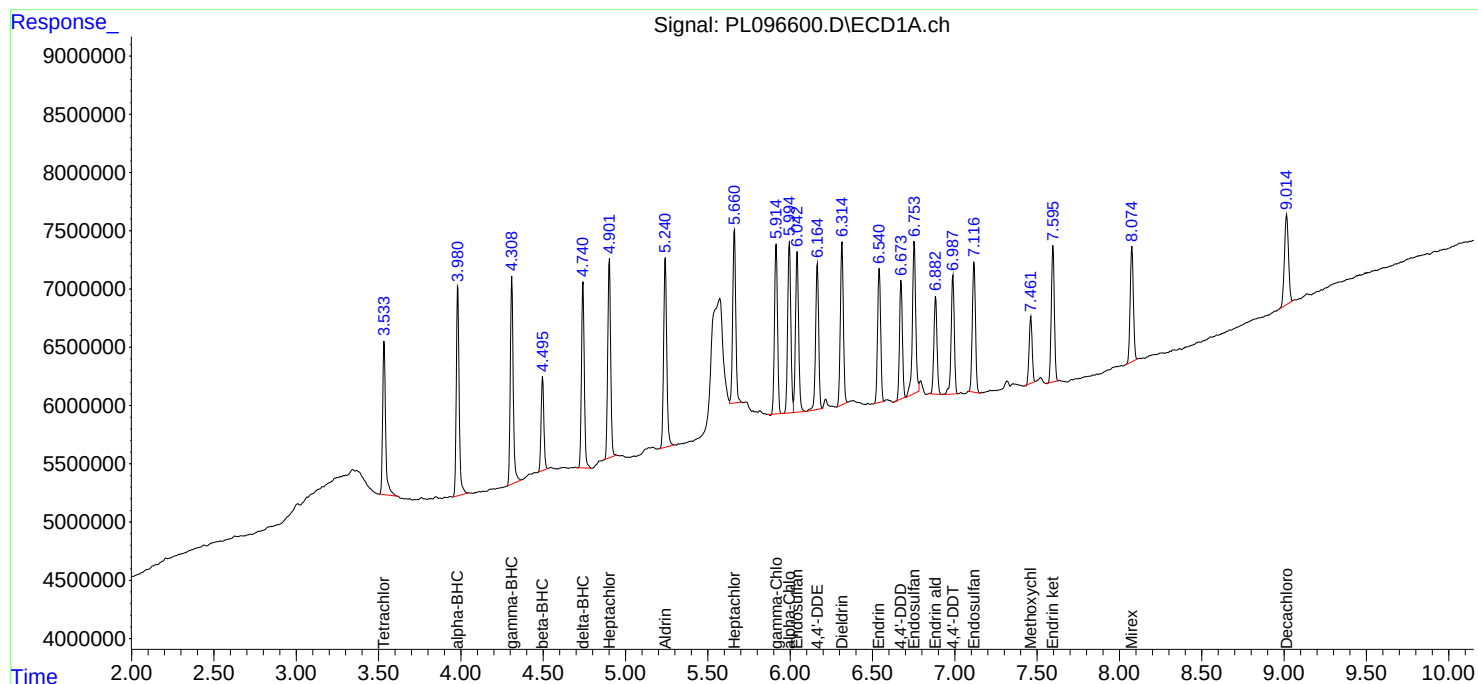
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

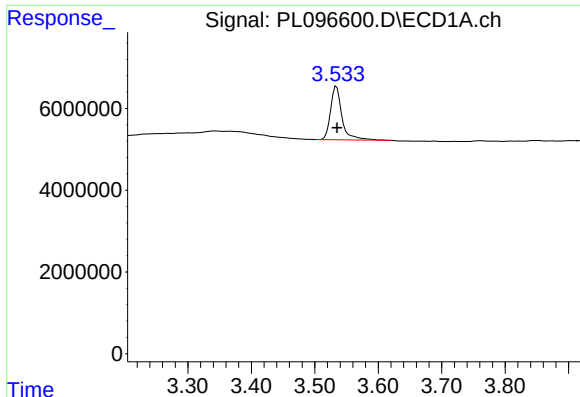
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 07/29/2025
Supervised By : mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 07:45:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 07:36:56 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





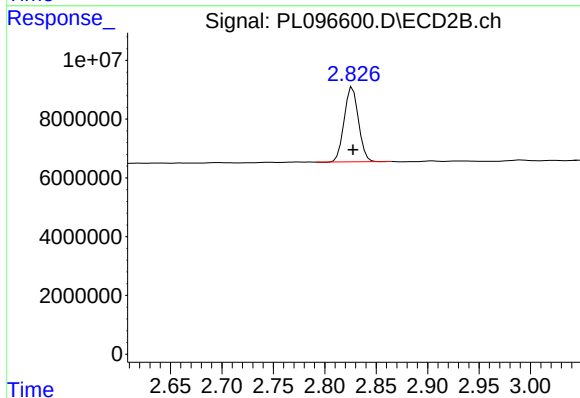
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 16289913
Conc: 5.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

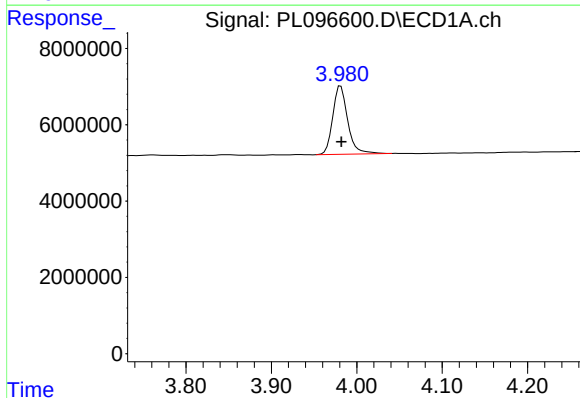
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



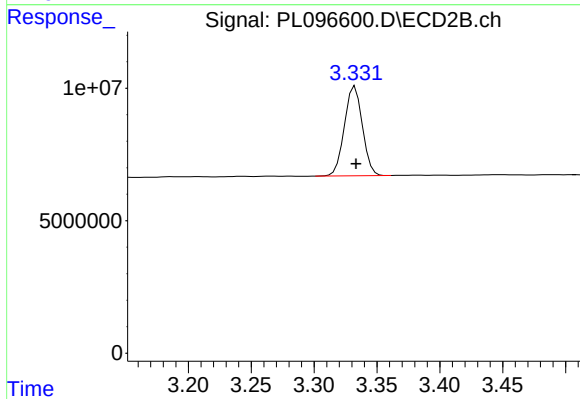
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 24636469
Conc: 5.21 ng/ml



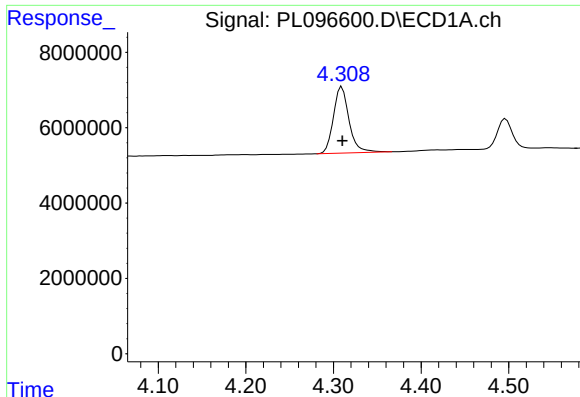
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 21891026
Conc: 4.71 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 33671129
Conc: 4.72 ng/ml



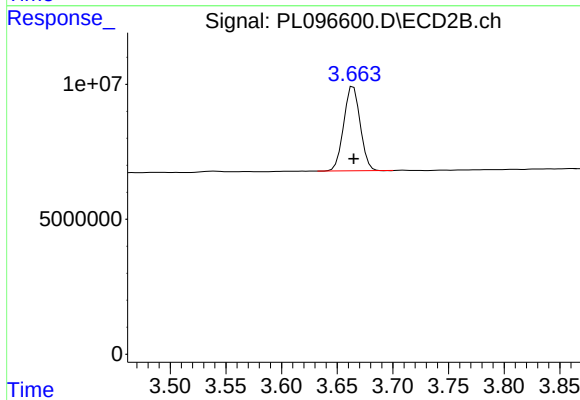
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 21804234
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

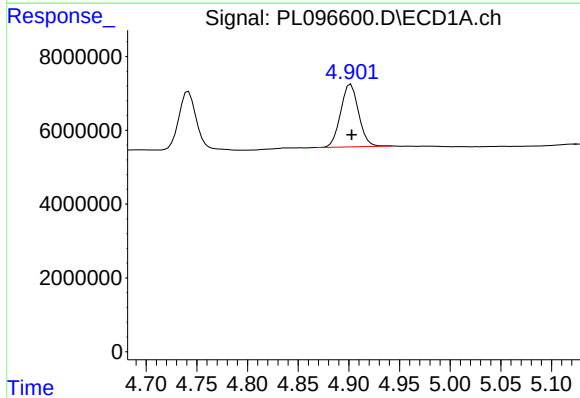
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



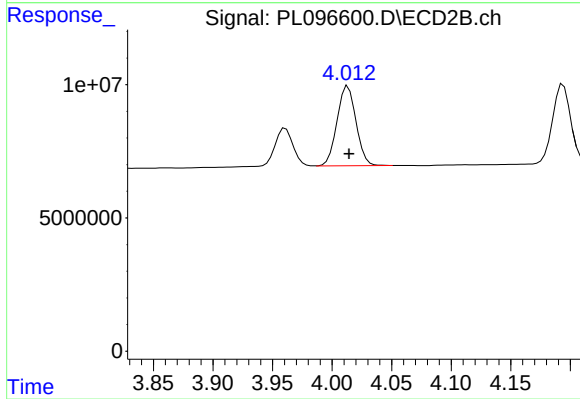
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 32260997
Conc: 4.86 ng/ml



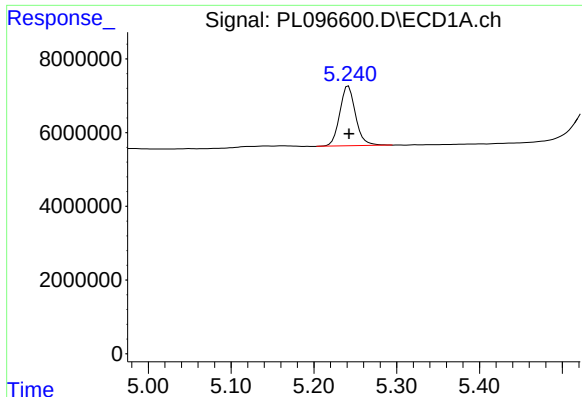
#4 Heptachlor

R.T.: 4.901 min
Delta R.T.: -0.002 min
Response: 20915741
Conc: 5.06 ng/ml m



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 33277461
Conc: 5.00 ng/ml



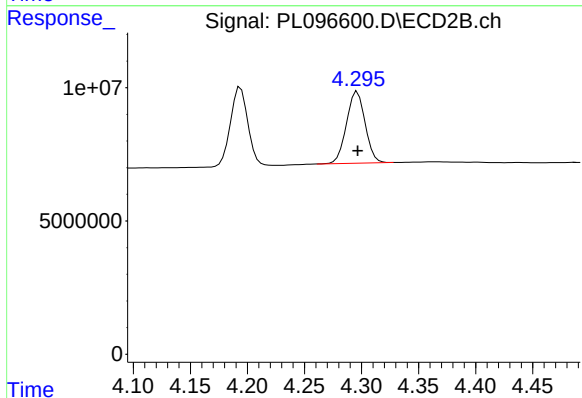
#5 Aldrin

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 21509762
Conc: 5.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

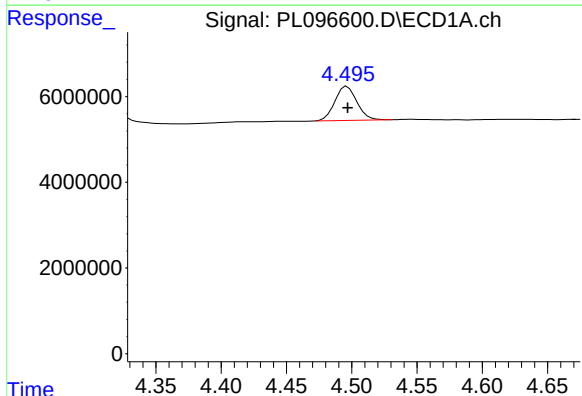
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



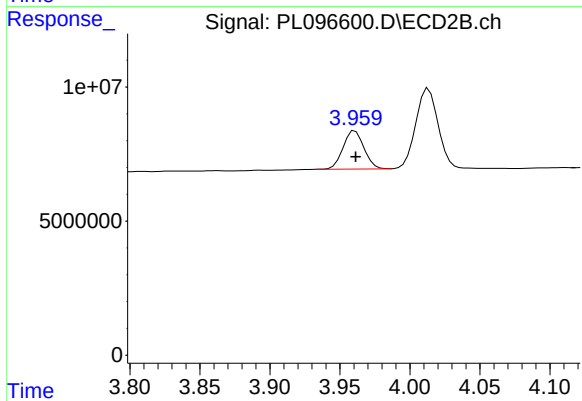
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 30546909
Conc: 4.90 ng/ml



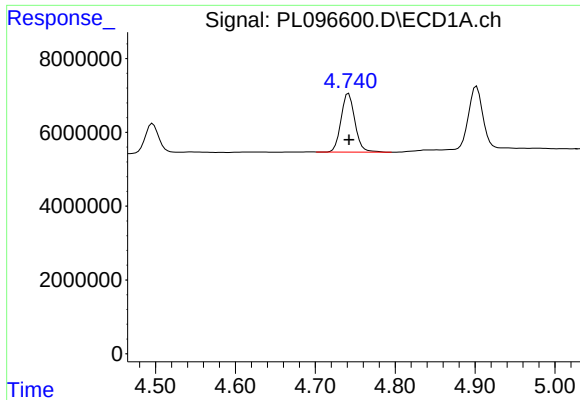
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 9319336
Conc: 5.23 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 14886777
Conc: 5.35 ng/ml



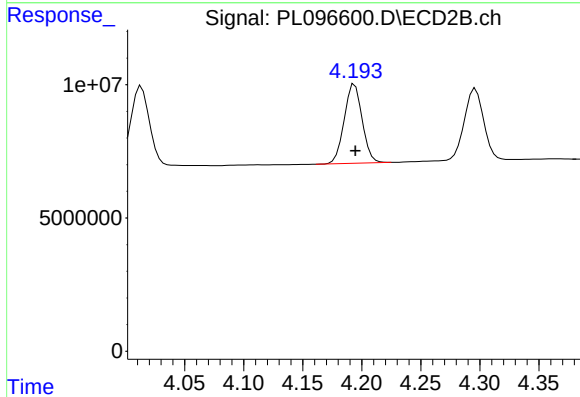
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 19209773
Conc: 4.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

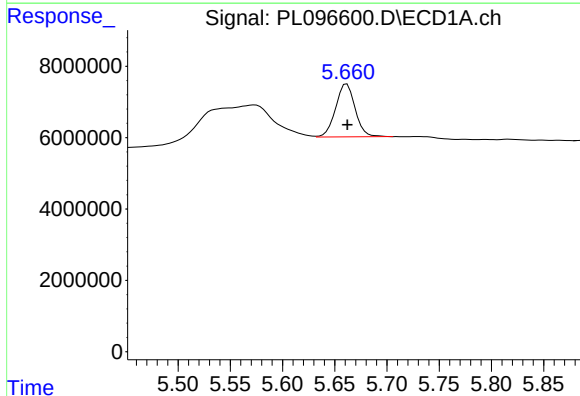
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



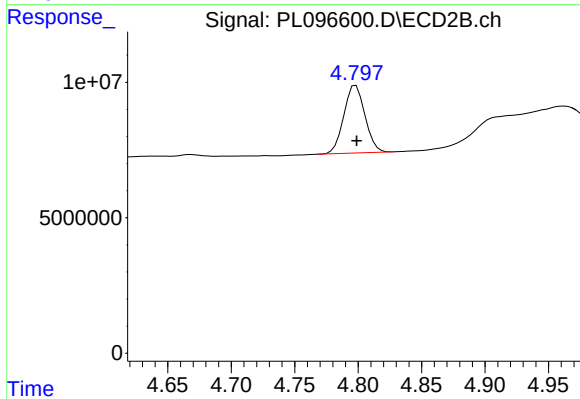
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: 0.000 min
Response: 31362311
Conc: 4.83 ng/ml



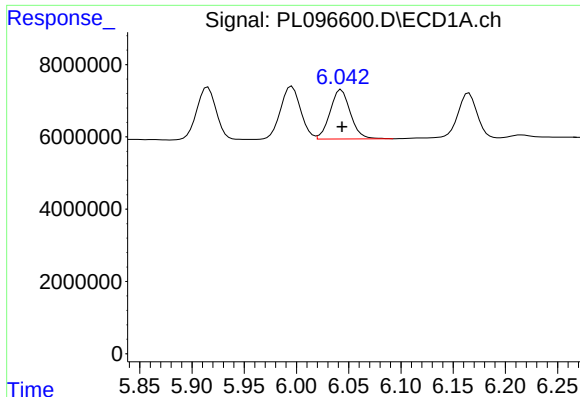
#8 Heptachlor epoxide

R.T.: 5.660 min
Delta R.T.: -0.002 min
Response: 19218202
Conc: 5.00 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 28926139
Conc: 5.08 ng/ml



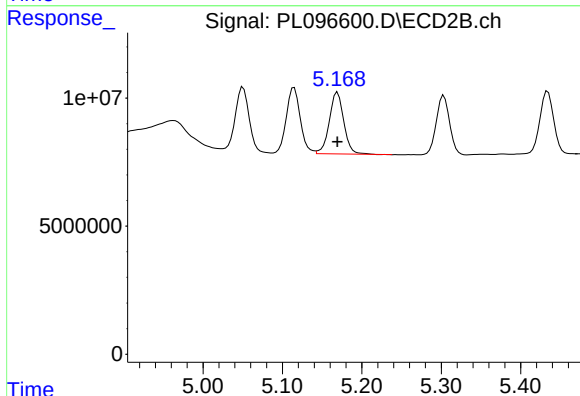
#9 Endosulfan I

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 18404240
Conc: 5.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

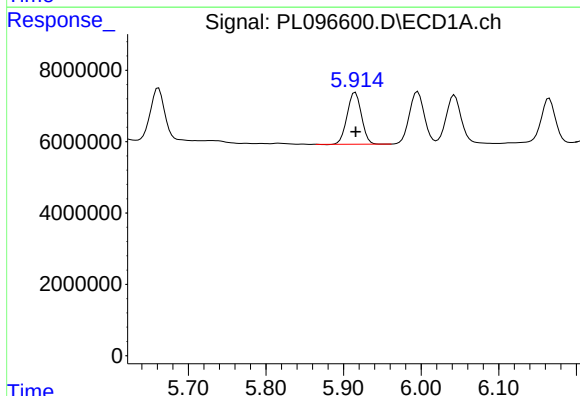
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



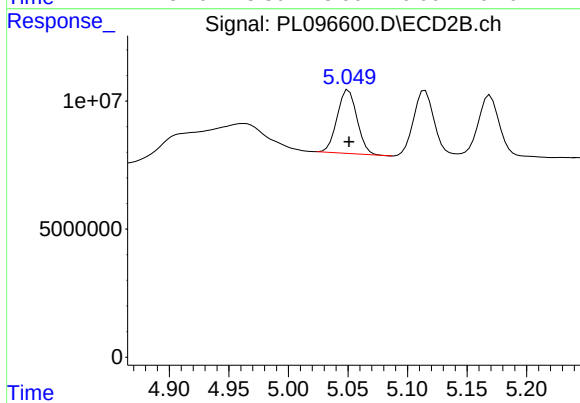
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 30432392
Conc: 5.67 ng/ml



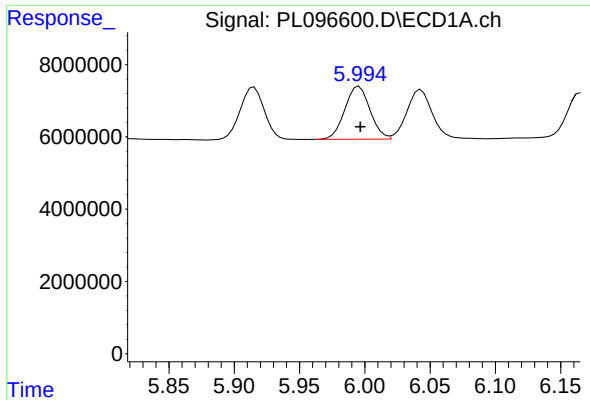
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 18527805
Conc: 4.87 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 28851412
Conc: 4.89 ng/ml



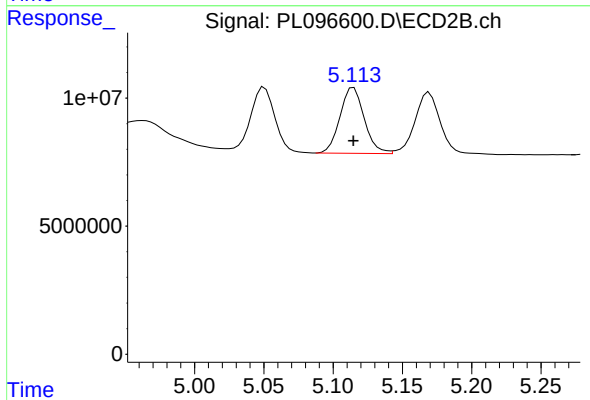
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 19648624
Conc: 5.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

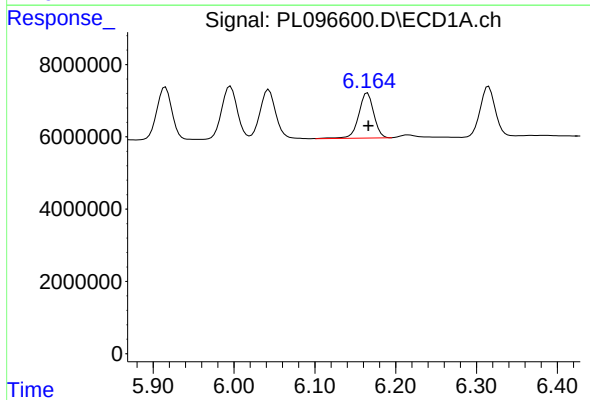
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



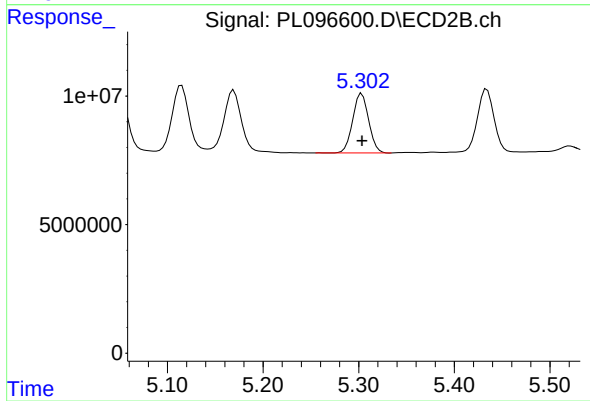
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 31301796
Conc: 5.40 ng/ml



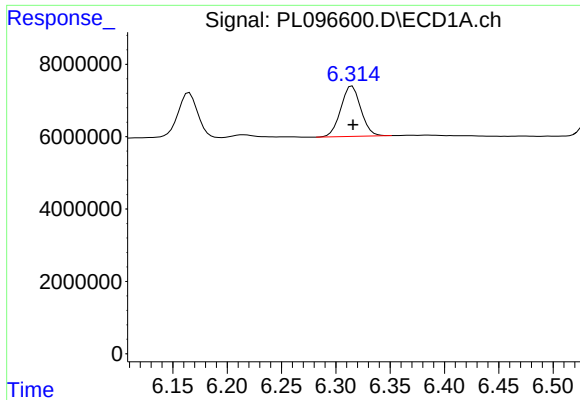
#12 4,4'-DDE

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 16169148
Conc: 5.14 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 26895387
Conc: 4.85 ng/ml



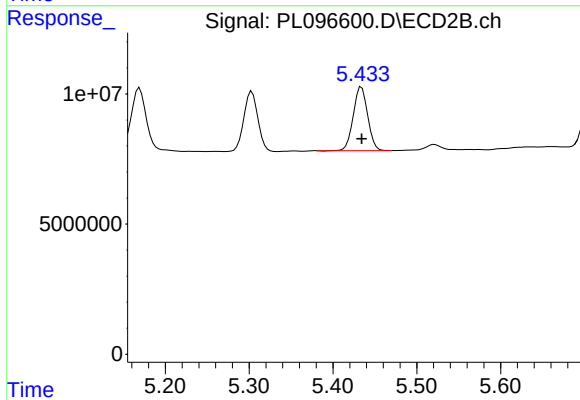
#13 Dieldrin

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 17886564
Conc: 4.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

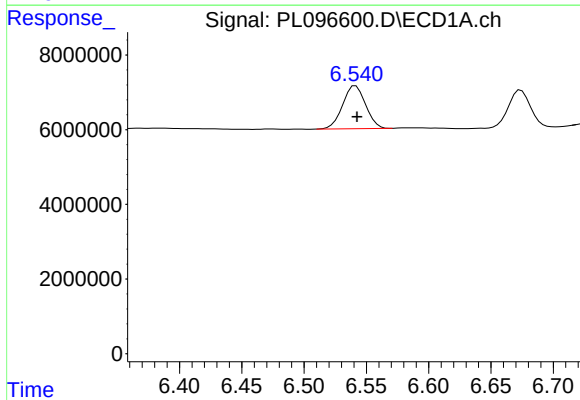
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



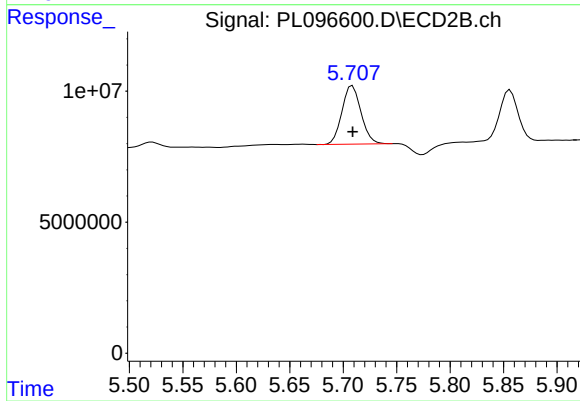
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 29267822
Conc: 4.96 ng/ml



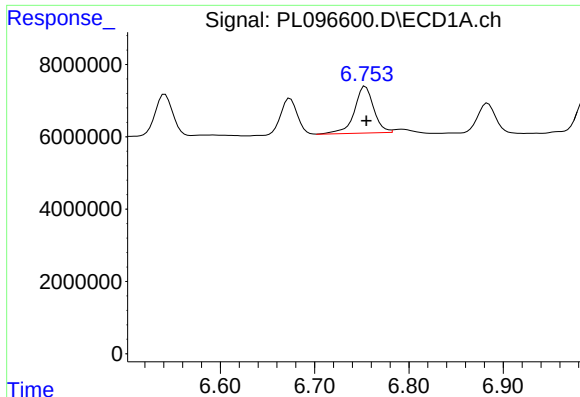
#14 Endrin

R.T.: 6.541 min
Delta R.T.: -0.001 min
Response: 14803966
Conc: 4.96 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 27745055
Conc: 5.16 ng/ml



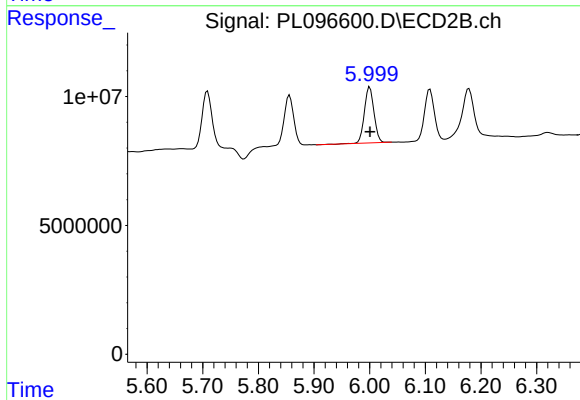
#15 Endosulfan II

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 18583621
Conc: 6.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

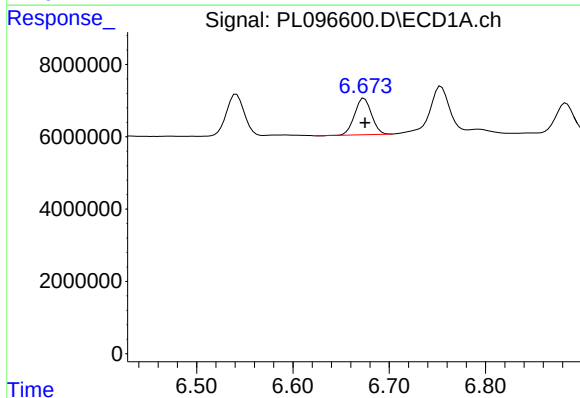
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



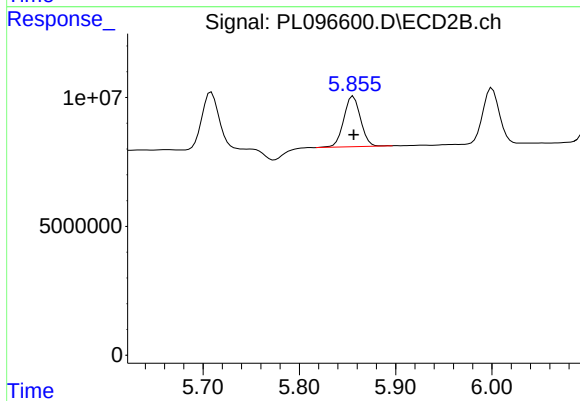
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 26018008
Conc: 5.08 ng/ml



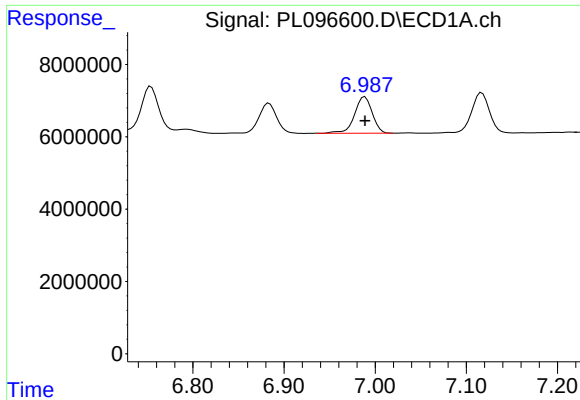
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 12297723
Conc: 4.87 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 23708739
Conc: 5.05 ng/ml



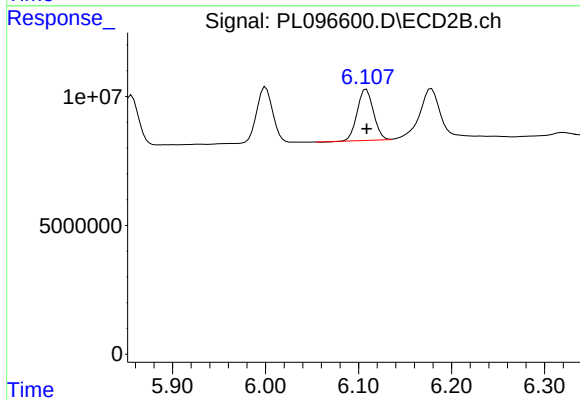
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 13672011
Conc: 4.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

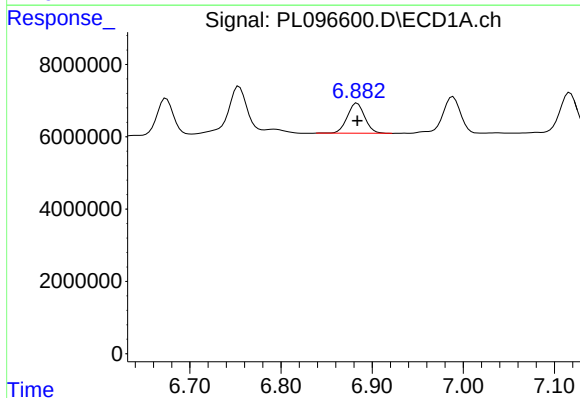
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



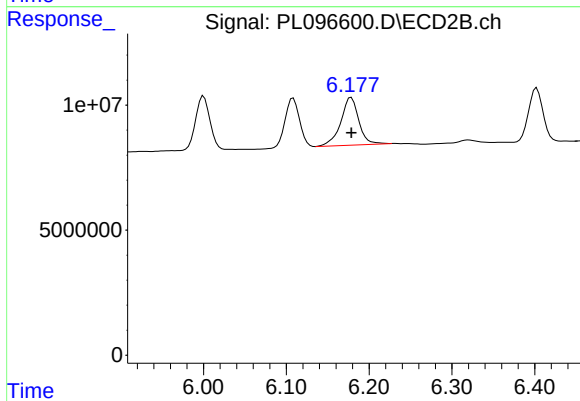
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 24000169
Conc: 4.69 ng/ml



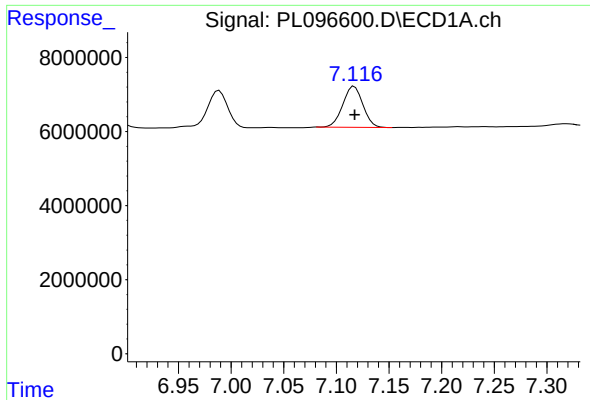
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 11040304
Conc: 5.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 28959356
Conc: 7.72 ng/ml m



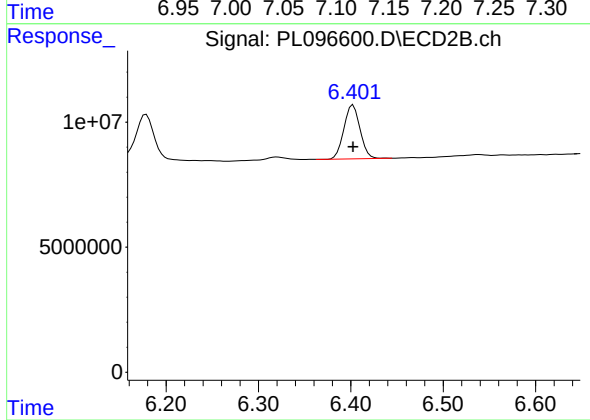
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 14782385
Conc: 5.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

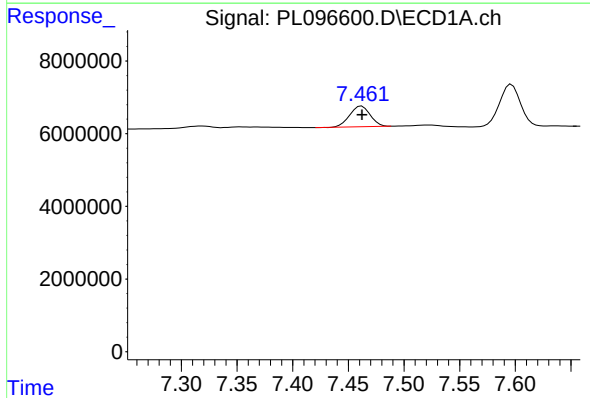
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



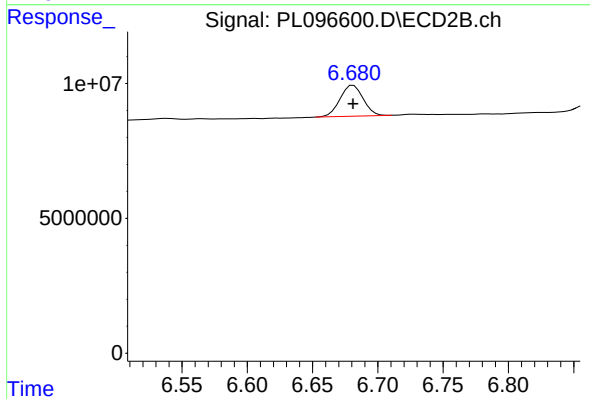
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 26237528
Conc: 5.18 ng/ml



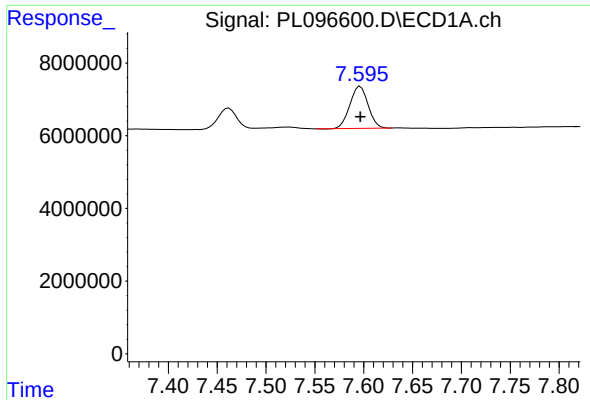
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 7310793
Conc: 4.95 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 14153462
Conc: 5.18 ng/ml



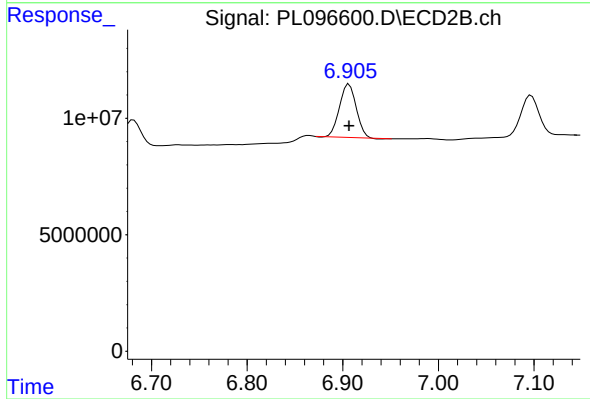
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 15006830
Conc: 5.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

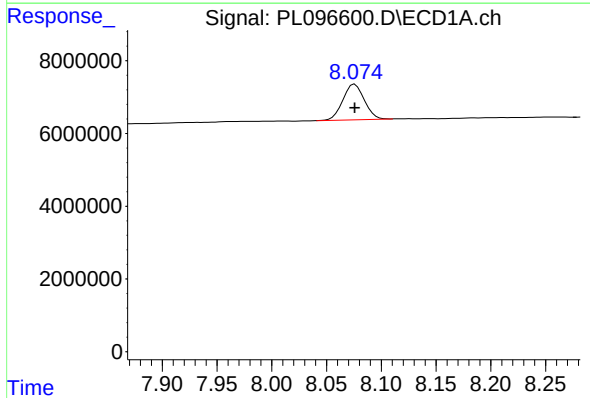
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



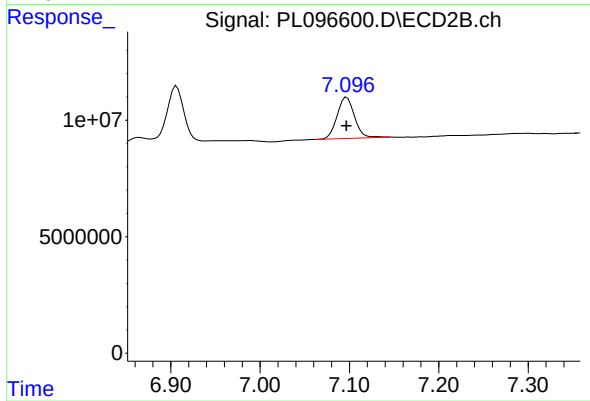
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 27568439
Conc: 4.99 ng/ml



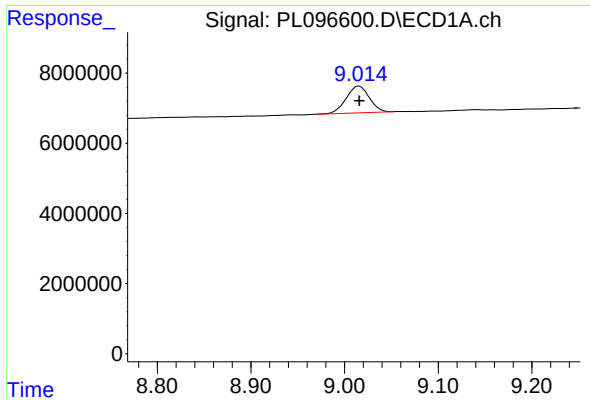
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 13350221
Conc: 5.47 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 24190284
Conc: 5.69 ng/ml



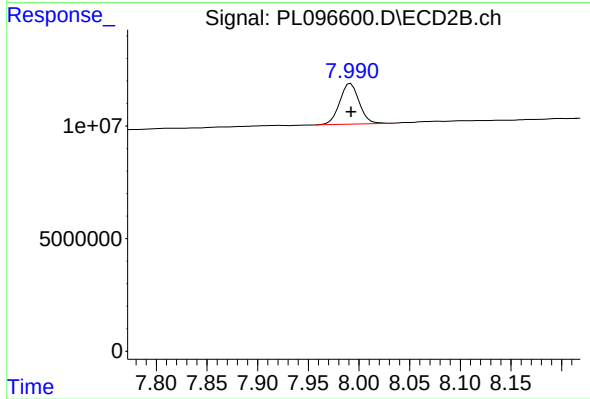
#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: 0.000 min
Response: 13081800
Conc: 5.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 24155779
Conc: 5.72 ng/ml