

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050225\
 Data File : PD088395.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2025 13:55
 Operator : AR\AJ
 Sample : Q1928-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-QMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/05/2025
 Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 22:53:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.882	37846516	284.0E6	18.948	19.420
28)	SA Decachlor...	9.076	8.076	59032769	308.2E6	17.845	16.679
Target Compounds							
2)	A alpha-BHC	4.000	3.395	228.9E6	1105.2E6	53.074	48.341
3)	MA gamma-BHC...	4.331	3.731	220.9E6	1029.5E6	52.758	47.799
4)	MA Heptachlor	4.931	4.085	215.0E6	1009.2E6	53.227	47.165
5)	MB Aldrin	5.273	4.371	217.3E6	1003.6E6	55.010	48.242
6)	B beta-BHC	4.516	4.027	83654061	448.8E6	51.531	48.498
7)	B delta-BHC	4.764	4.264	229.4E6	1036.1E6	55.614	48.732
8)	B Heptachlo...	5.692	4.876	193.8E6	907.6E6	54.218	48.034
9)	A Endosulfan I	6.076	5.250	181.0E6	870.5E6	53.608	48.329
10)	B gamma-Chl...	5.947	5.128	214.7E6	1110.8E6	59.285	54.728
11)	B alpha-Chl...	6.029	5.193	217.1E6	1047.4E6	60.150	53.429
12)	B 4,4'-DDE	6.197	5.378	172.1E6	948.9E6	52.183	48.183
13)	MA Dieldrin	6.349	5.515	193.3E6	957.4E6	54.163	48.030
14)	MA Endrin	6.576	5.790	158.2E6	866.6E6	53.052	47.607m
15)	B Endosulfa...	6.788	6.083	149.6E6	836.5E6	47.858	47.743
16)	A 4,4'-DDD	6.707	5.932	141.3E6	777.4E6	56.185	47.440
17)	MA 4,4'-DDT	7.023	6.186	133.9E6	780.1E6	48.221	45.843
18)	B Endrin al...	6.917	6.261	120.0E6	618.6E6	51.973	46.507
19)	B Endosulfa...	7.151	6.485	149.9E6	804.5E6	52.118	46.953
20)	A Methoxychlor	7.494	6.757	73425316	408.2E6	48.965	44.759
21)	B Endrin ke...	7.632	6.994	164.0E6	887.7E6	53.139	47.461
22)	Mirex	8.116	7.188	119.2E6	676.1E6	50.755	45.616

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050225\
Data File : PD088395.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 13:55
Operator : AR\AJ
Sample : Q1928-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

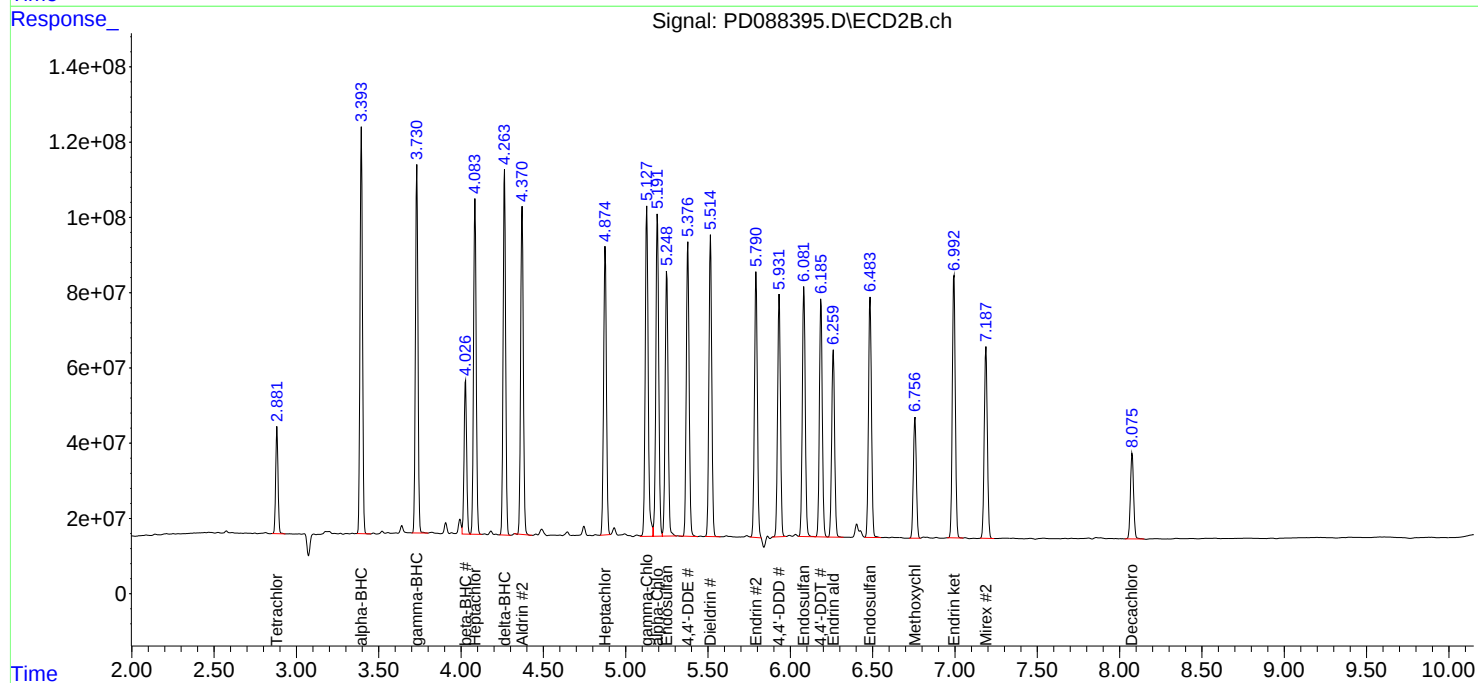
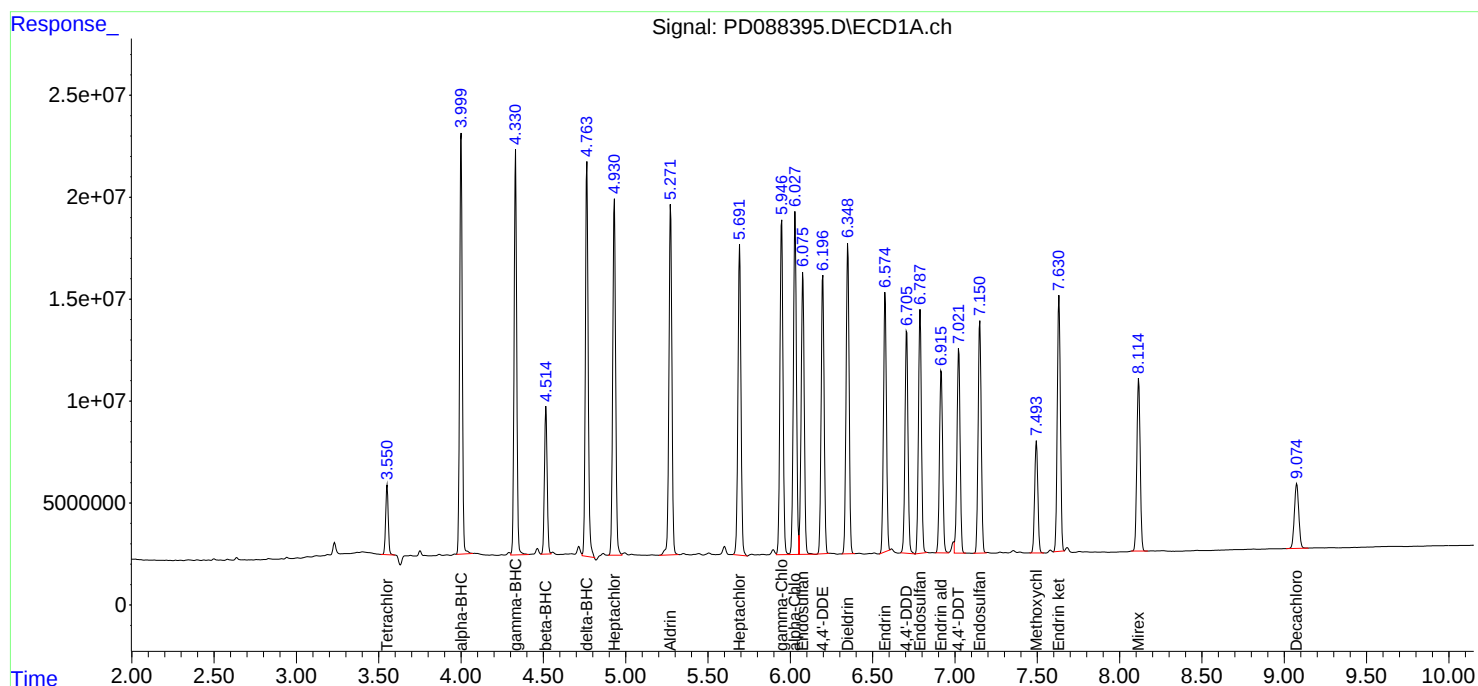
Instrument :
ECD_D
ClientSampleId :
MH-QMSD

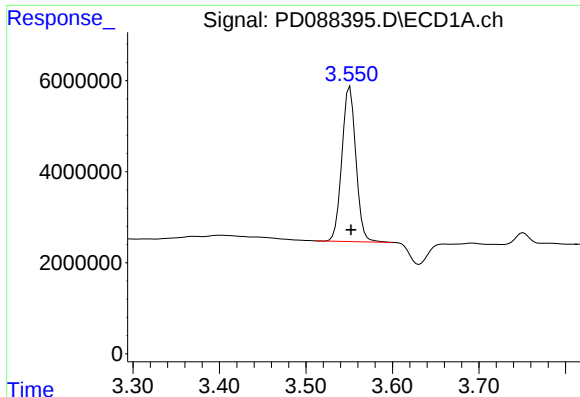
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 22:53:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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 x 0.25µm





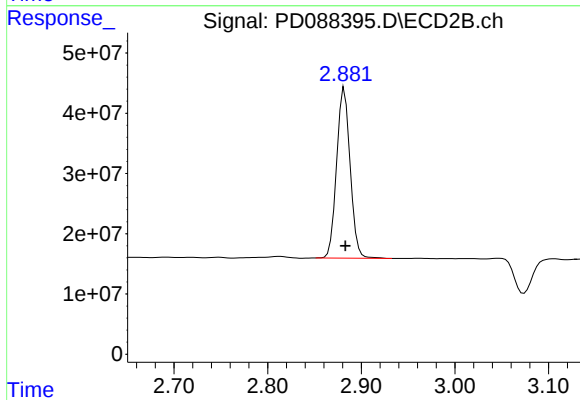
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 37846516
Conc: 18.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMSD

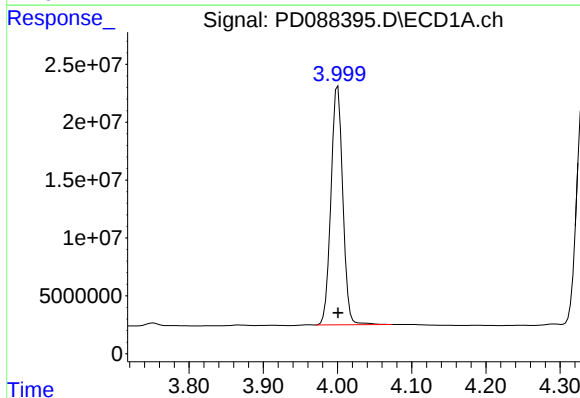
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



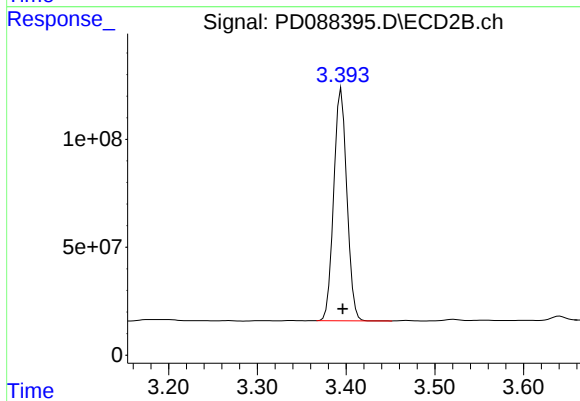
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 283954979
Conc: 19.42 ng/ml



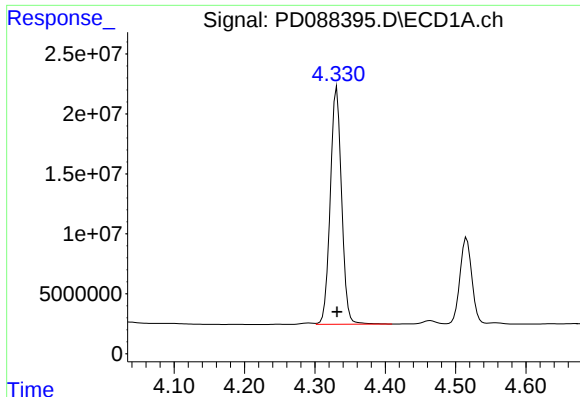
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 228853792
Conc: 53.07 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 1105154258
Conc: 48.34 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 220924564
Conc: 52.76 ng/ml

Instrument :

ECD_D

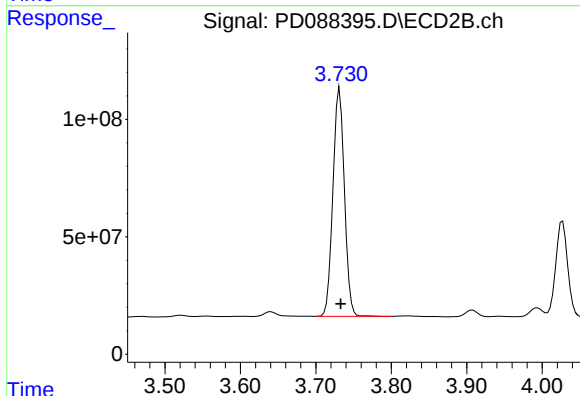
ClientSampleId :

MH-QMSD

Manual Integrations

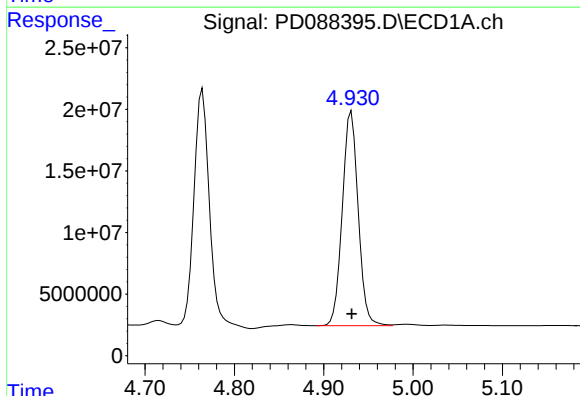
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



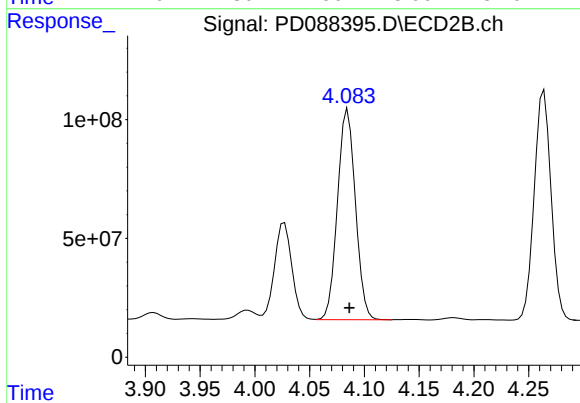
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.001 min
Response: 1029521836
Conc: 47.80 ng/ml



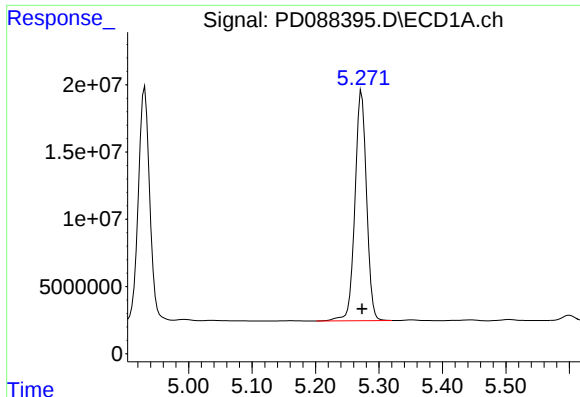
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 214980008
Conc: 53.23 ng/ml



#4 Heptachlor

R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 1009246242
Conc: 47.17 ng/ml



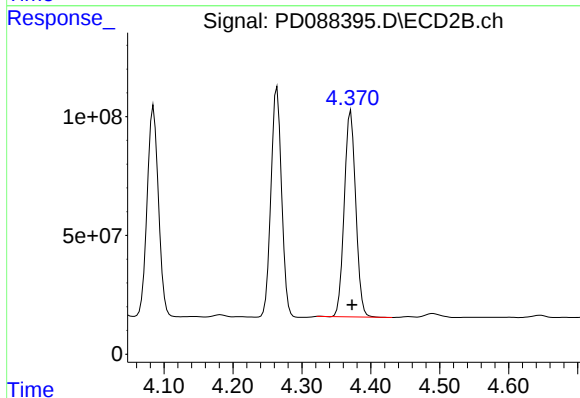
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 217267325
Conc: 55.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMSD

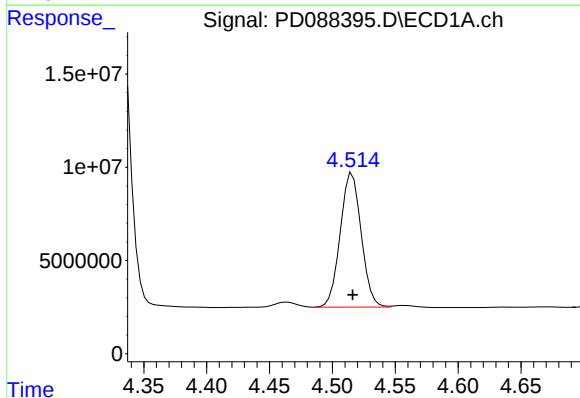
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



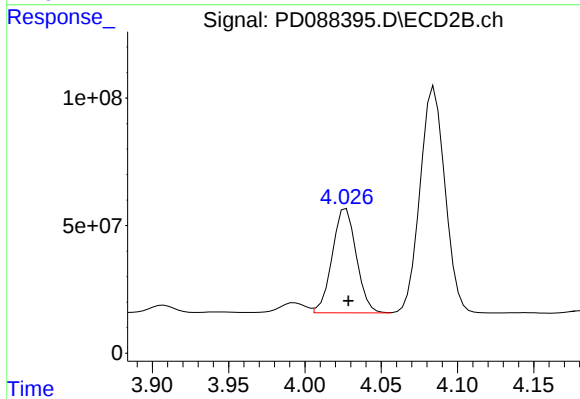
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.002 min
Response: 1003564183
Conc: 48.24 ng/ml



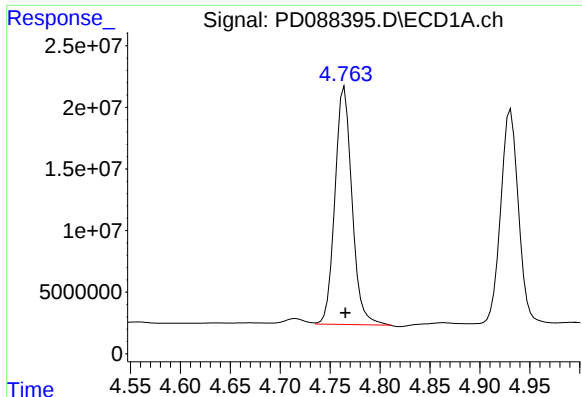
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 83654061
Conc: 51.53 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 448808580
Conc: 48.50 ng/ml



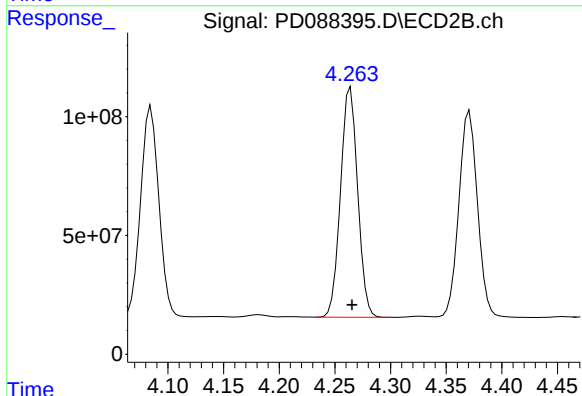
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 229406705
Conc: 55.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMSD

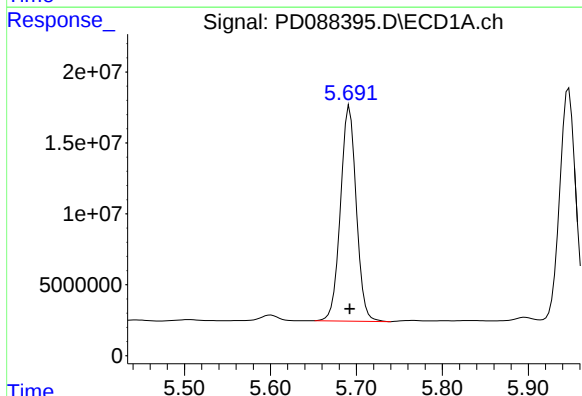
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



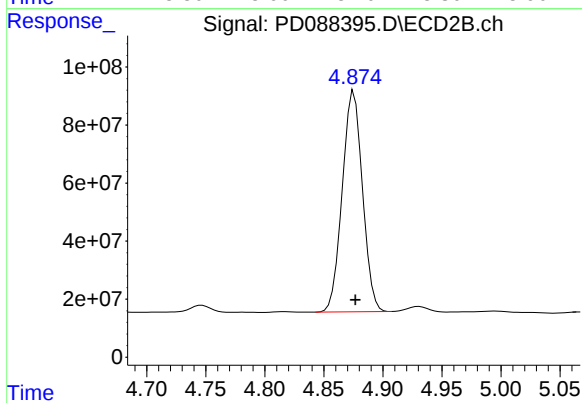
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 1036113984
Conc: 48.73 ng/ml



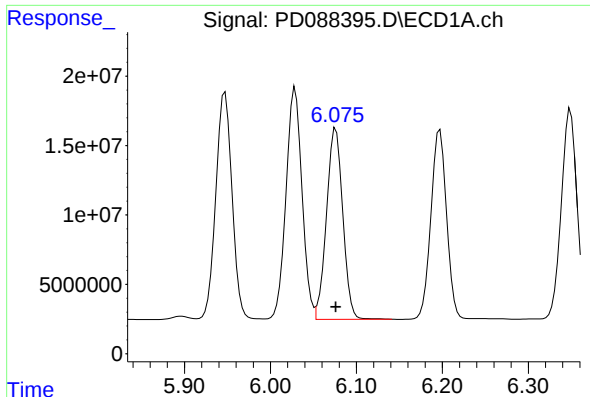
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 193773895
Conc: 54.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: -0.001 min
Response: 907564343
Conc: 48.03 ng/ml



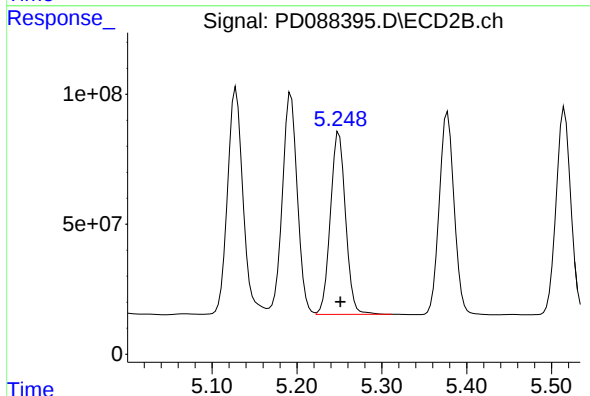
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 181042231
Conc: 53.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMSD

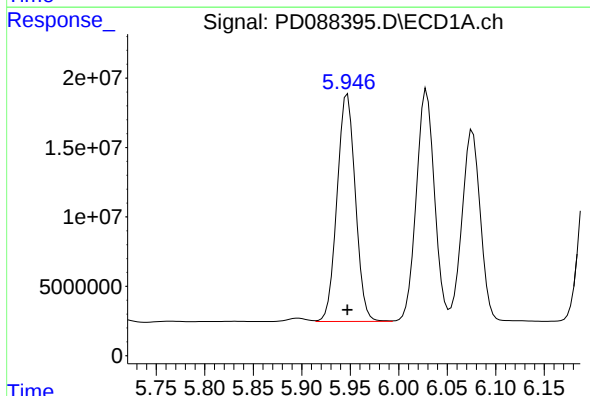
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



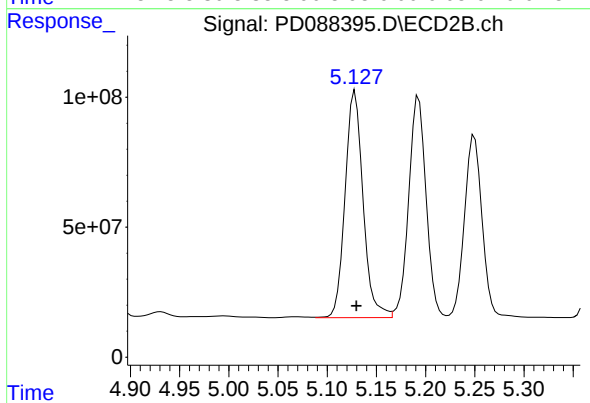
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 870525244
Conc: 48.33 ng/ml



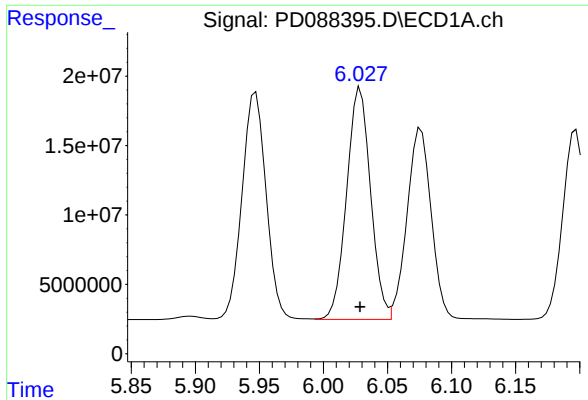
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 214731935
Conc: 59.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 1110758711
Conc: 54.73 ng/ml



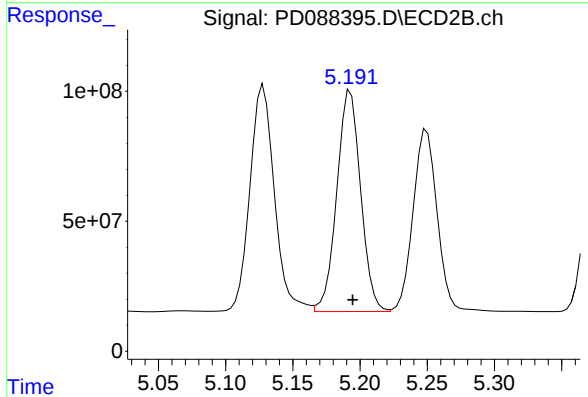
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 217116127
Conc: 60.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMSD

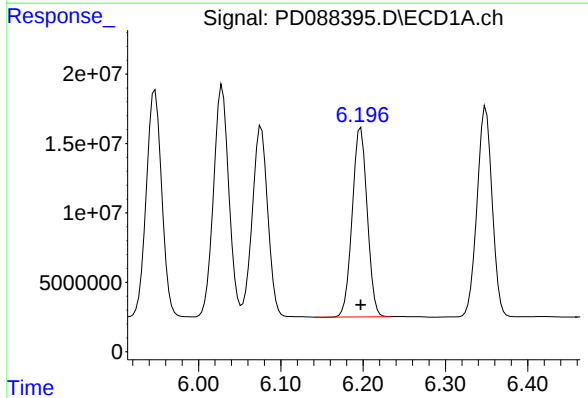
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



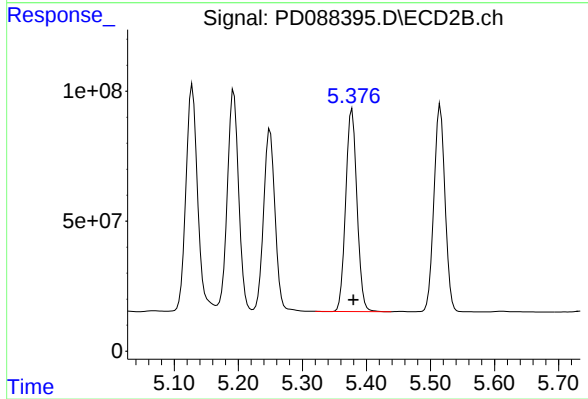
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 1047354254
Conc: 53.43 ng/ml



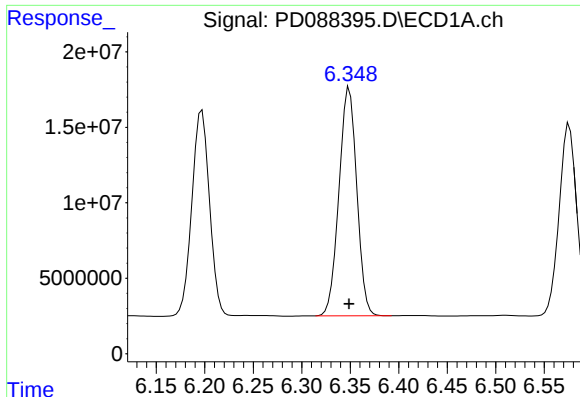
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 172111194
Conc: 52.18 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 948920110
Conc: 48.18 ng/ml



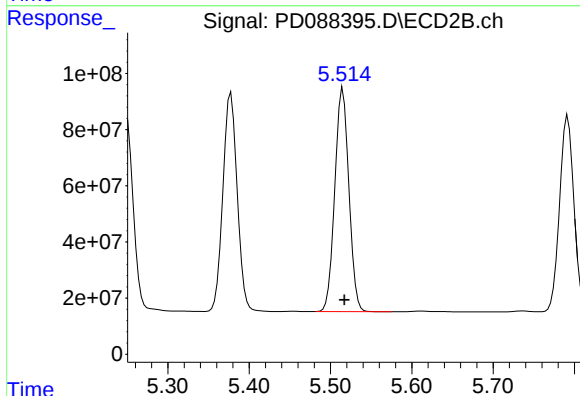
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 193282039
Conc: 54.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMSD

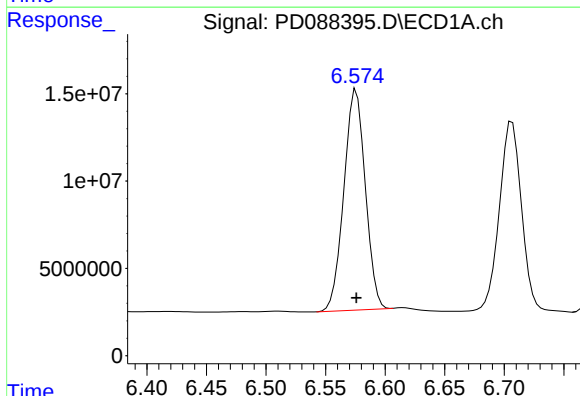
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



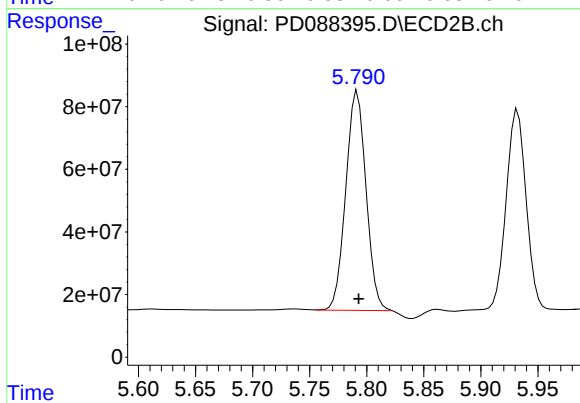
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 957376857
Conc: 48.03 ng/ml



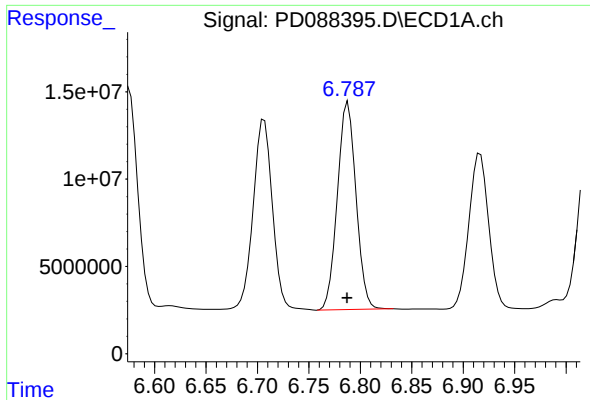
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 158231632
Conc: 53.05 ng/ml



#14 Endrin

R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 866562039
Conc: 47.61 ng/ml m



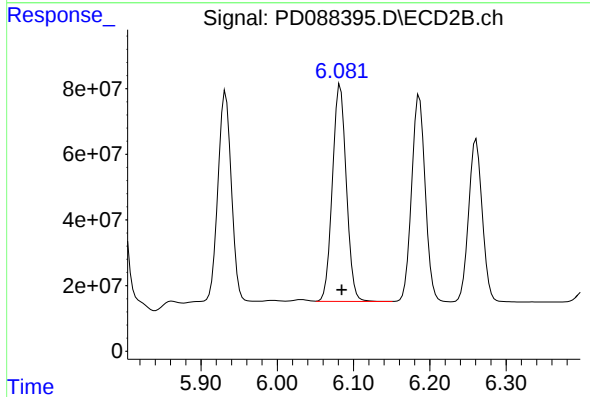
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 149613218
Conc: 47.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMSD

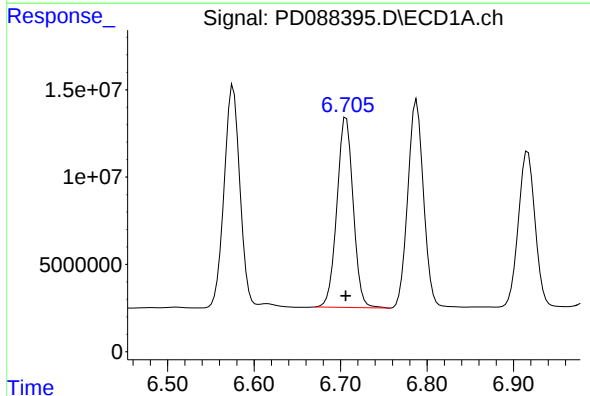
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



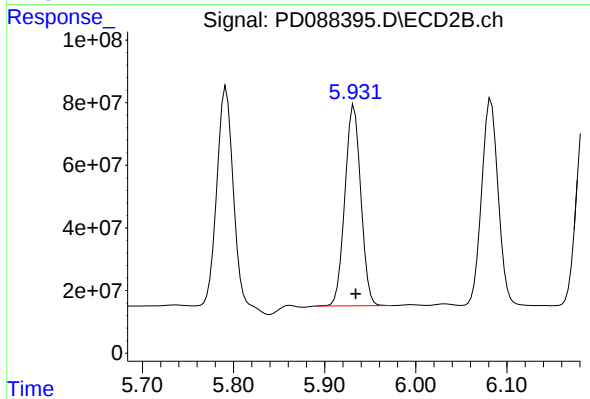
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 836545215
Conc: 47.74 ng/ml



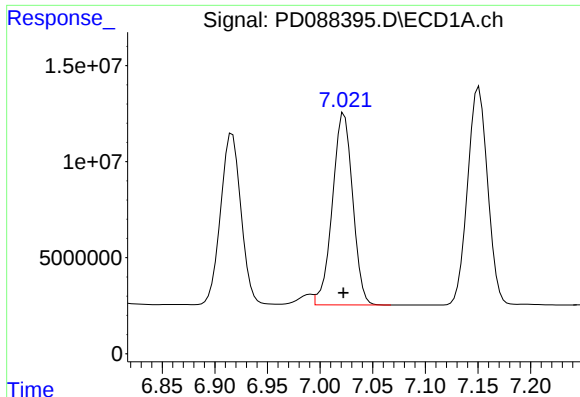
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 141302057
Conc: 56.18 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 777357296
Conc: 47.44 ng/ml



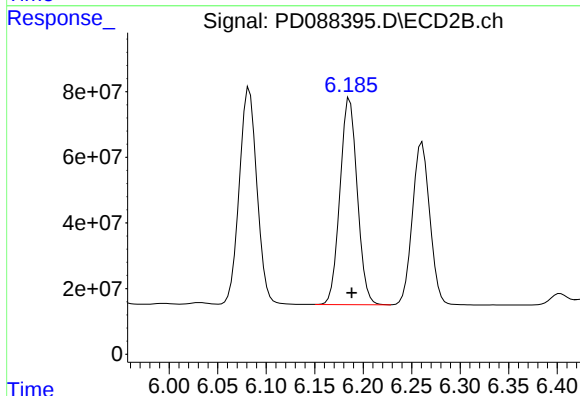
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 133936137
Conc: 48.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMSD

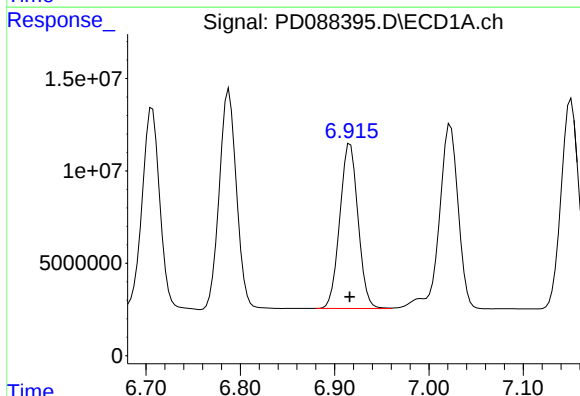
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



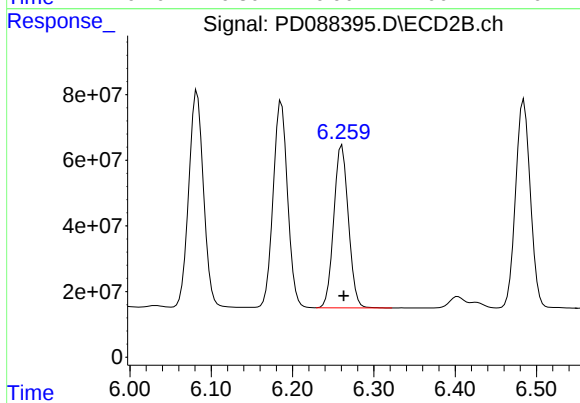
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 780087972
Conc: 45.84 ng/ml



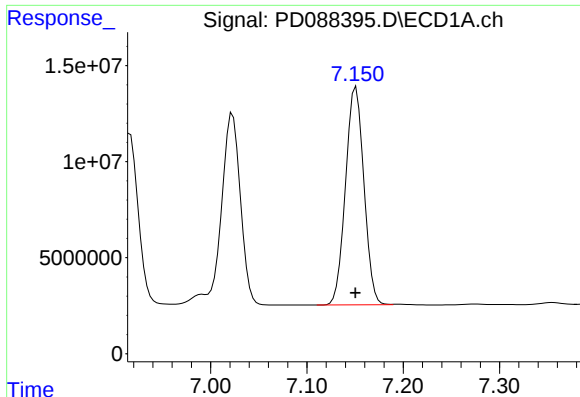
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 119952228
Conc: 51.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 618591677
Conc: 46.51 ng/ml



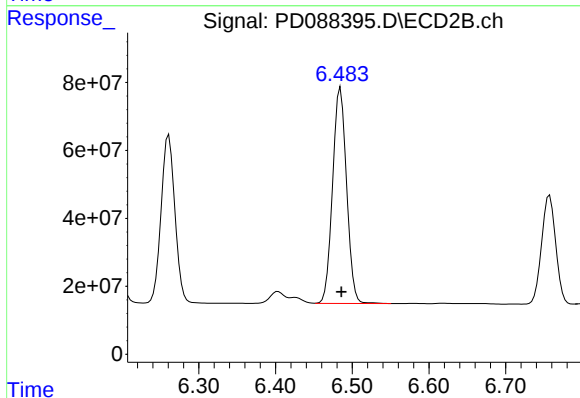
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 149884158
Conc: 52.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMSD

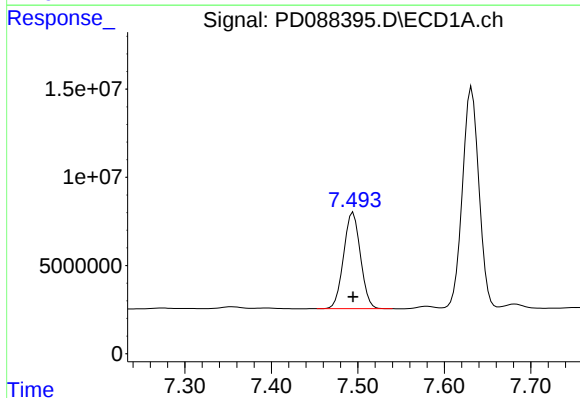
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



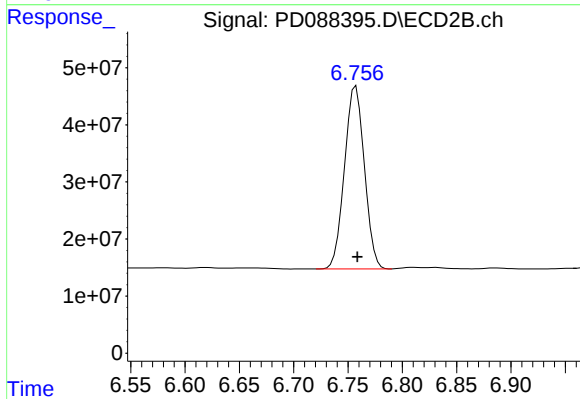
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: -0.002 min
Response: 804464956
Conc: 46.95 ng/ml



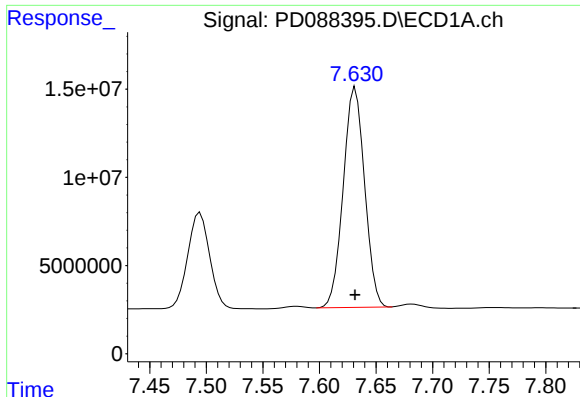
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 73425316
Conc: 48.97 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 408248089
Conc: 44.76 ng/ml



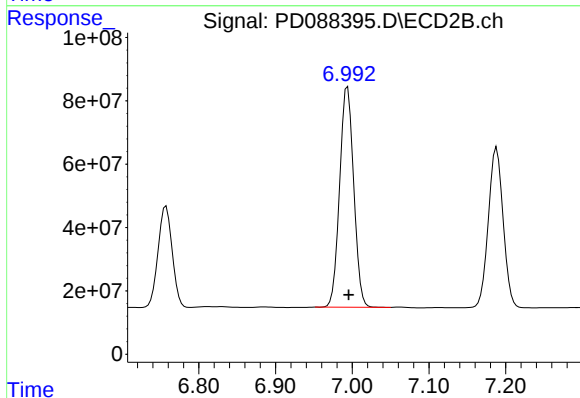
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 164016176
Conc: 53.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-QMSD

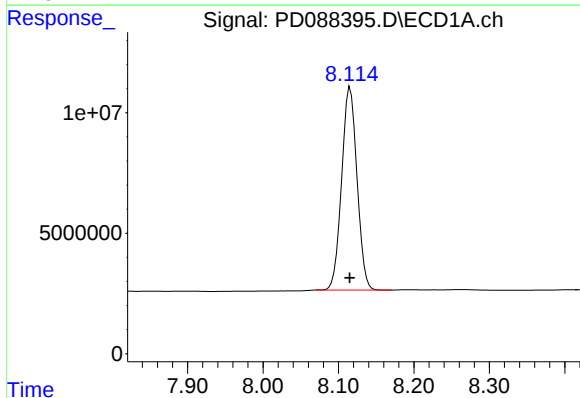
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/05/2025
Supervised By :mohammad ahmed 05/06/2025



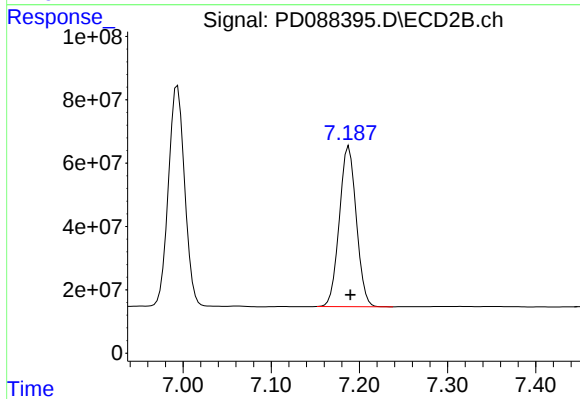
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 887705902
Conc: 47.46 ng/ml



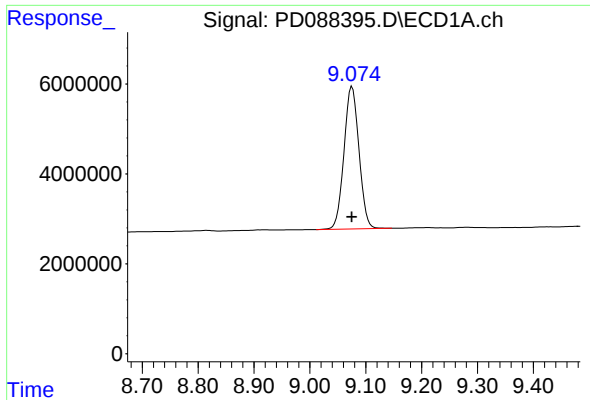
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 119189983
Conc: 50.76 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 676075058
Conc: 45.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 59032769
Conc: 17.84 ng/ml

Instrument :

ECD_D

ClientSampleId :

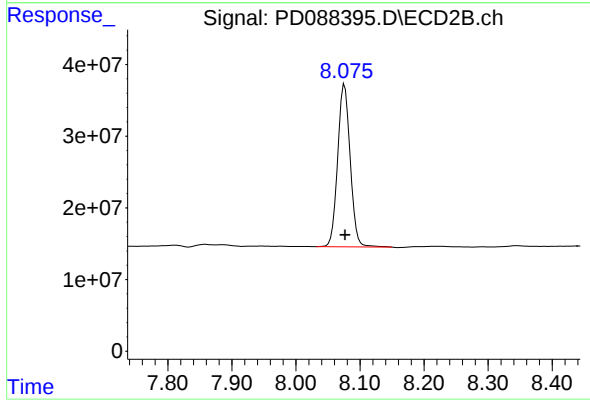
MH-QMSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/05/2025

Supervised By :mohammad ahmed 05/06/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 308215253
Conc: 16.68 ng/ml