

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
 Data File : PD088212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 13:56
 Operator : AR\AJ
 Sample : Q1832-06MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-01MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/23/2025
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 01:18:26 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...	3.553	2.884	37796249	247.7E6	18.923	16.938
28) SA Decachlor...	9.076	8.077	58552566	277.0E6	17.700m	14.990m
Target Compounds						
2) A alpha-BHC	4.002	3.397	470.0E6	2007.0E6	108.991	87.789
3) MA gamma-BHC...	4.333	3.733	446.1E6	1846.1E6	106.541	85.712
4) MA Heptachlor	4.933	4.087	402.8E6	1721.0E6	99.729	80.429
5) MB Aldrin	5.274	4.372	387.7E6	1681.3E6	98.170	80.821m
6) B beta-BHC	4.518	4.029	157.4E6	772.9E6	96.934	83.518
7) B delta-BHC	4.766	4.266	450.7E6	1857.9E6	109.263	87.385
8) B Heptachlo...	5.694	4.877	353.8E6	1580.8E6	98.987	83.664
9) A Endosulfan I	6.077	5.250	343.7E6	1064.1E6	101.770	59.077 #
10) B gamma-Chl...	5.949	5.130	391.3E6	1699.9E6	108.037	83.756
11) B alpha-Chl...	6.029	5.195	352.2E6	1613.9E6	97.583m	82.328
12) B 4,4'-DDE	6.198	5.379	314.6E6	1609.6E6	95.393	81.731m
13) MA Dieldrin	6.350	5.518	362.7E6	1638.5E6	101.629	82.203
14) MA Endrin	6.577	5.794	298.7E6	1582.5E6	100.142	86.940
15) B Endosulfa...	6.789	6.085	302.0E6	1443.2E6	96.607	82.368
16) A 4,4'-DDD	6.706	5.934	259.7E6	1339.6E6	103.267m	81.750
17) MA 4,4'-DDT	7.024	6.189	252.5E6	1361.4E6	90.895	80.002
18) B Endrin al...	6.918	6.264	221.8E6	1064.5E6	96.094	80.035
19) B Endosulfa...	7.152	6.487	270.6E6	1340.3E6	94.077	78.226
20) A Methoxychlor	7.496	6.760	126.0E6	669.1E6	84.021	73.357
21) B Endrin ke...	7.634	6.995	292.0E6	1445.4E6	94.607	77.277m
22) Mirex	8.117	7.190	185.7E6	1052.6E6	79.080	71.018

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
Data File : PD088212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 13:56
Operator : AR\AJ
Sample : Q1832-06MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

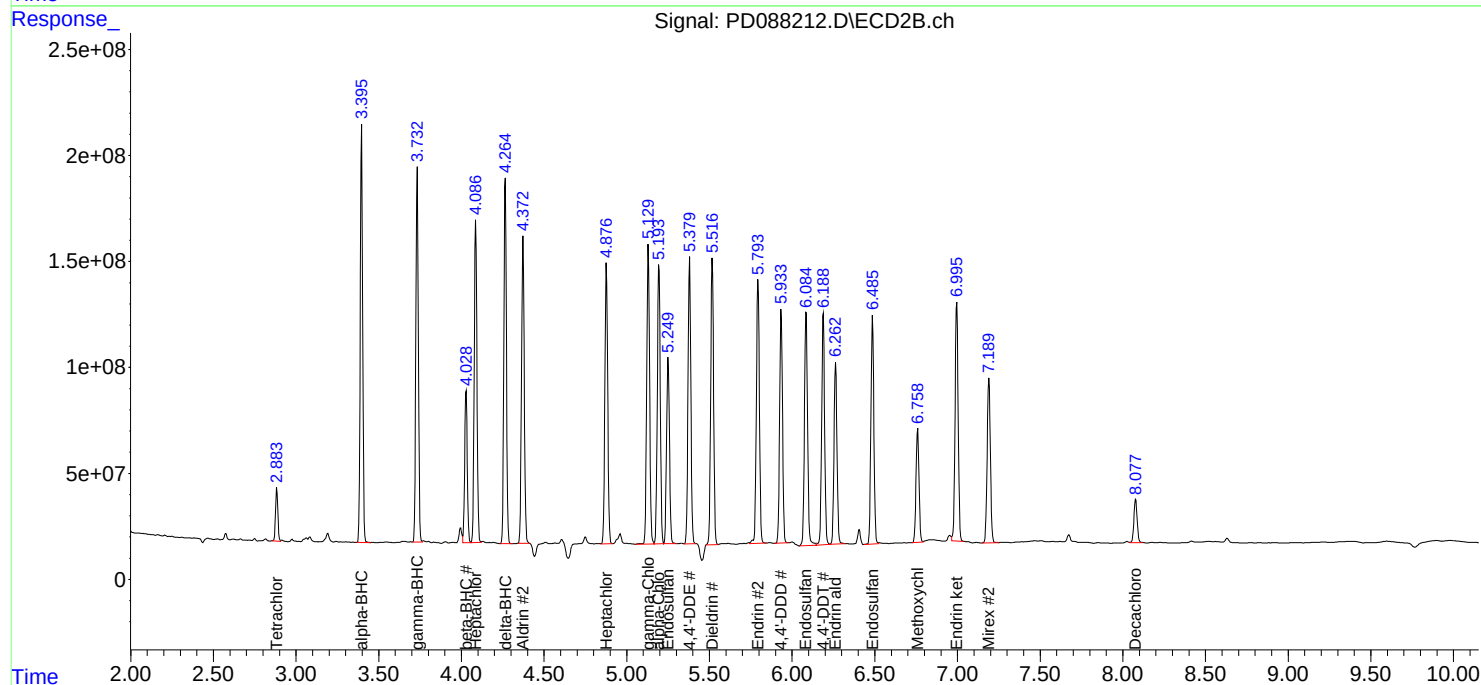
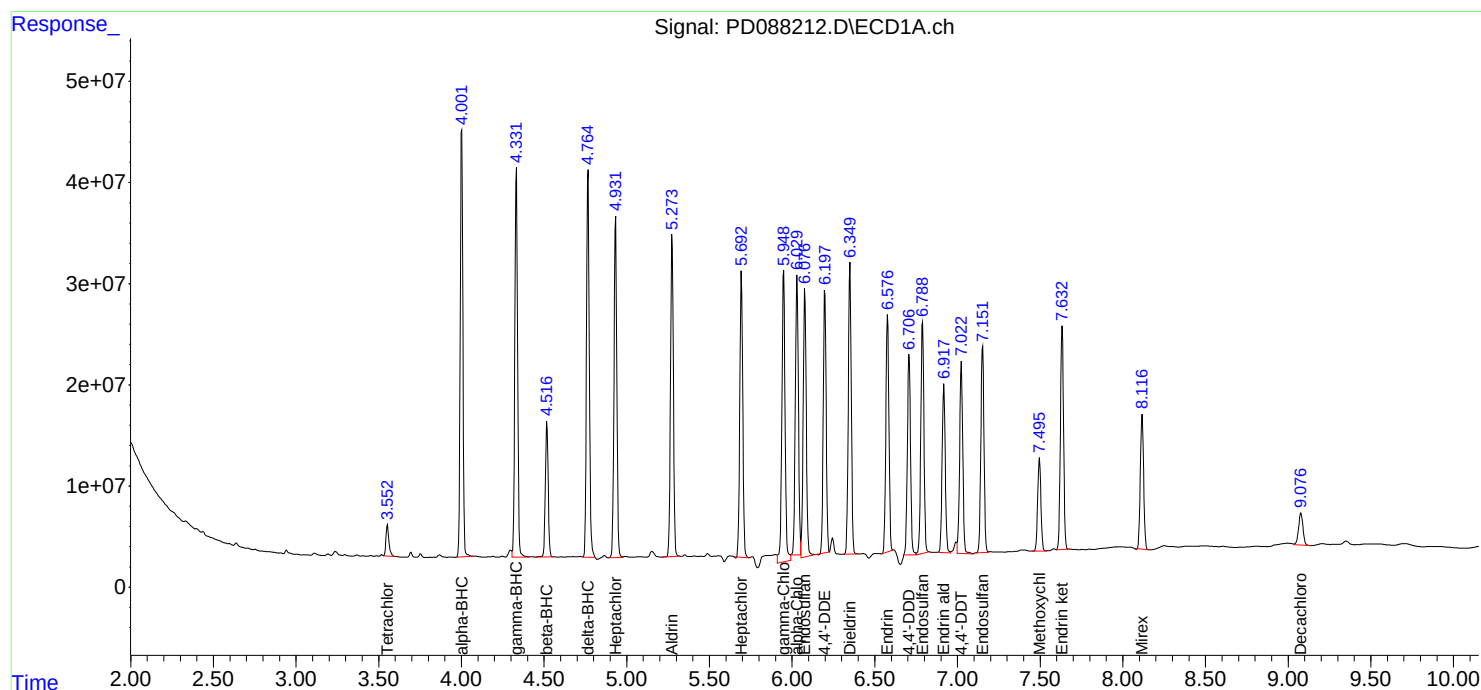
Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

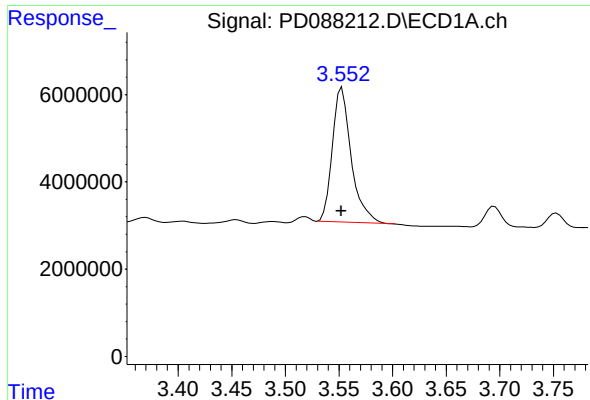
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:18:26 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





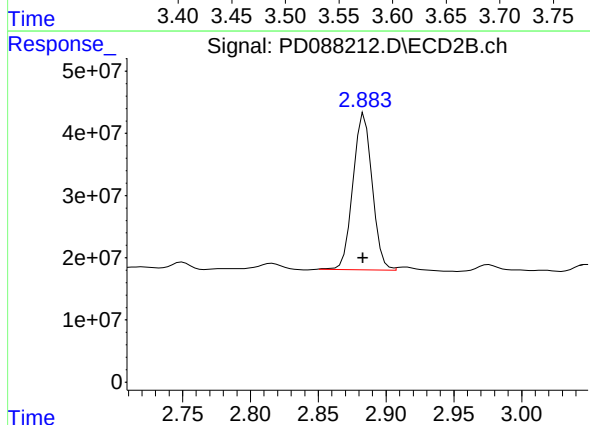
#1 Tetrachloro-m-xylene

R.T.: 3.553 min
Delta R.T.: 0.000 min
Response: 37796249
Conc: 18.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

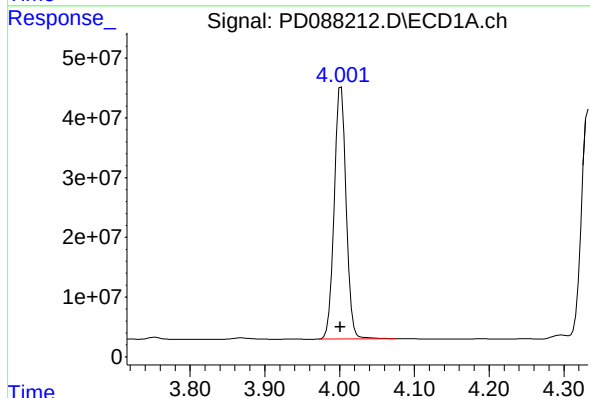
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



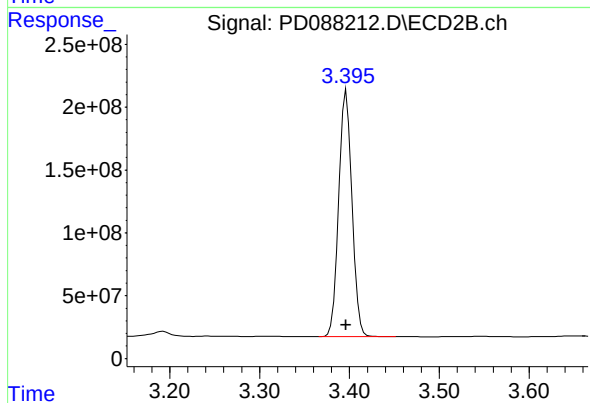
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 247656334
Conc: 16.94 ng/ml



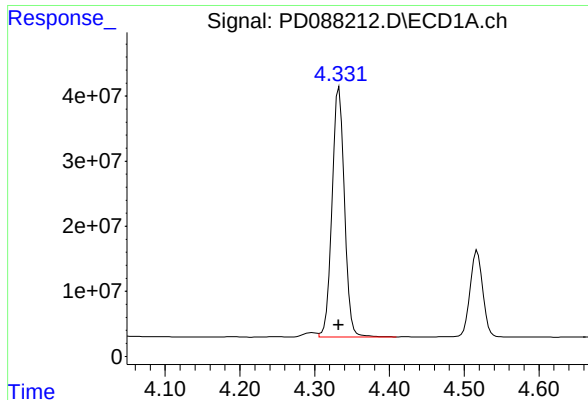
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.001 min
Response: 469970462
Conc: 108.99 ng/ml



#2 alpha-BHC

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 2006979913
Conc: 87.79 ng/ml



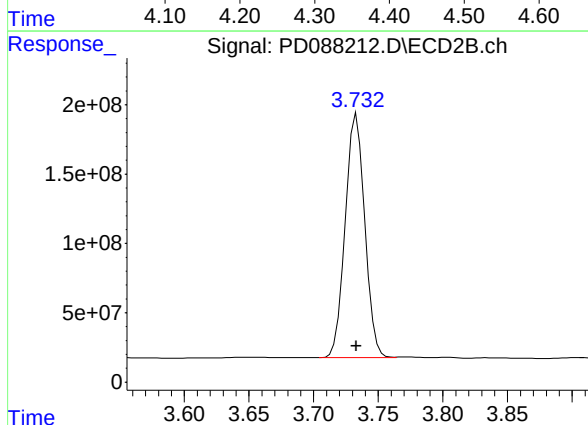
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 446142061
Conc: 106.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

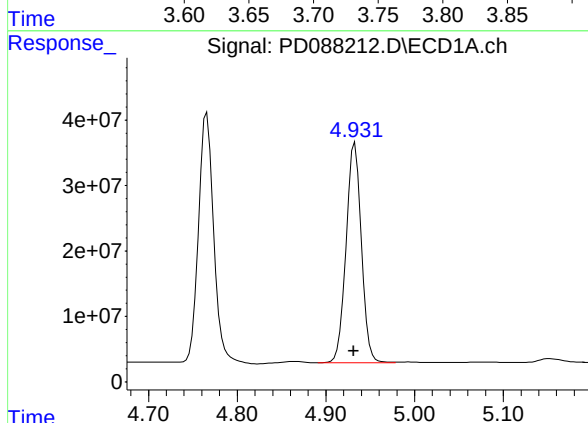
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



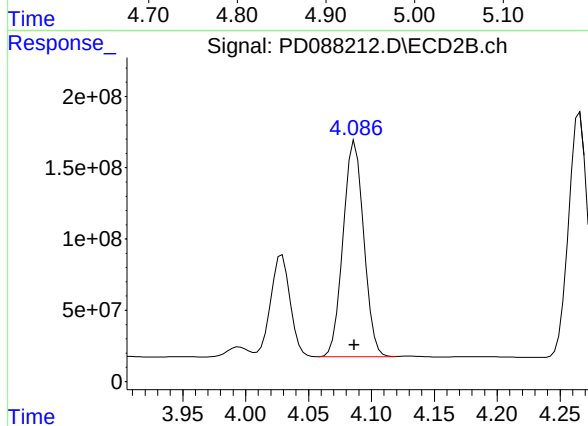
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 1846125490
Conc: 85.71 ng/ml



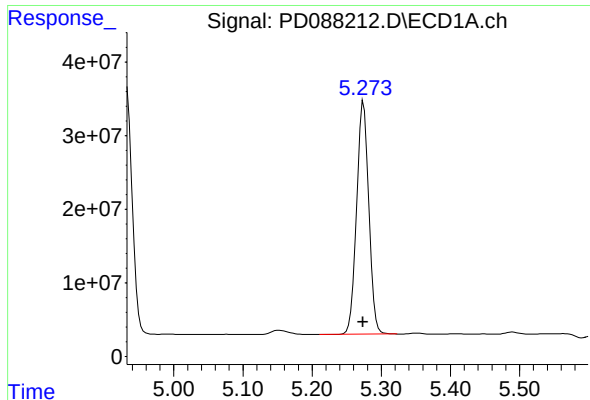
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.001 min
Response: 402800069
Conc: 99.73 ng/ml



#4 Heptachlor

R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 1721023500
Conc: 80.43 ng/ml



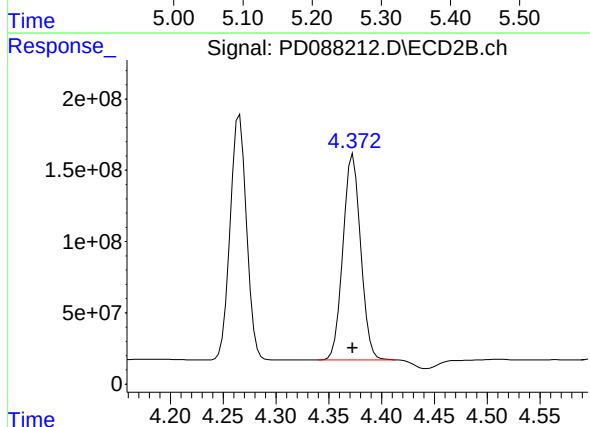
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.001 min
Response: 387732259
Conc: 98.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

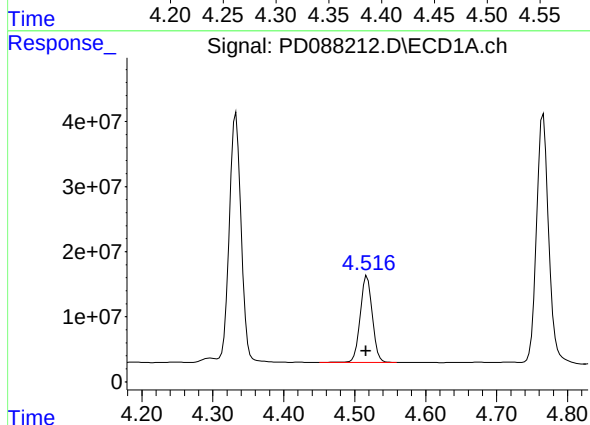
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



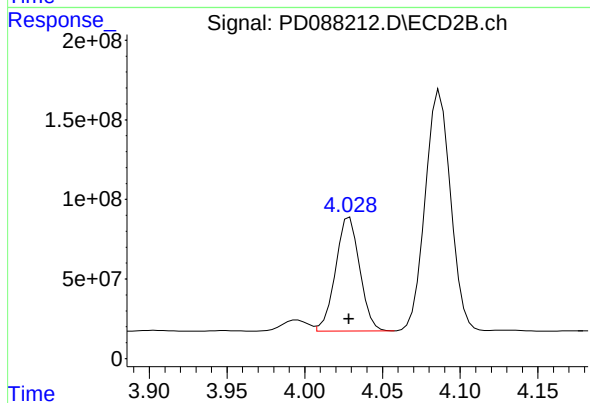
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 1681300209
Conc: 80.82 ng/ml



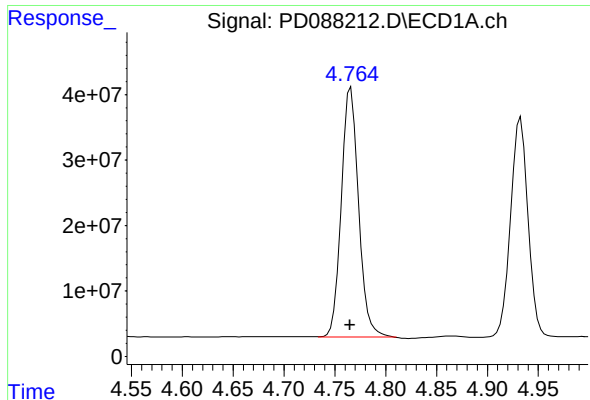
#6 beta-BHC

R.T.: 4.518 min
Delta R.T.: 0.001 min
Response: 157360317
Conc: 96.93 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 772886204
Conc: 83.52 ng/ml



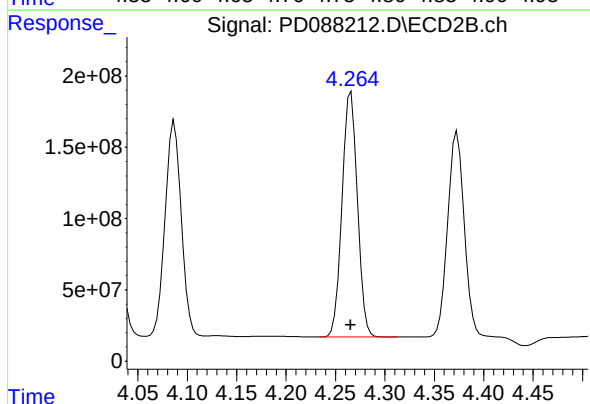
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 450707701
Conc: 109.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

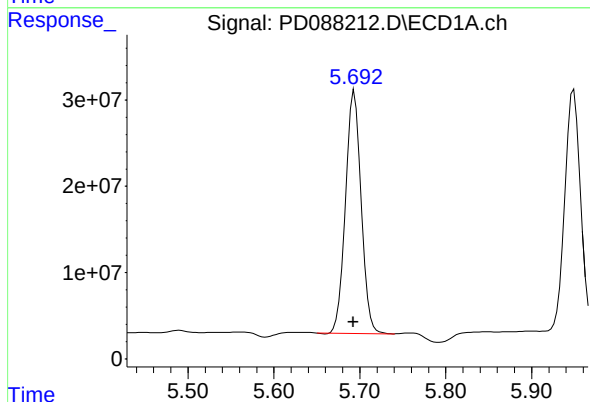
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



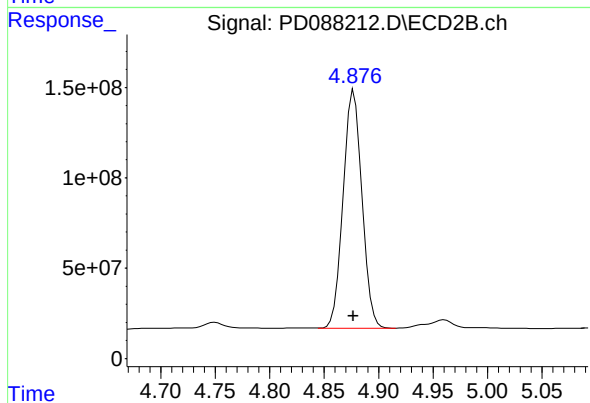
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.000 min
Response: 1857933795
Conc: 87.38 ng/ml



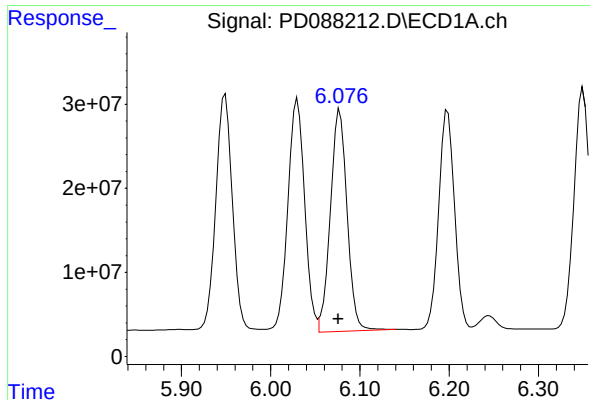
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 353774360
Conc: 98.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 1580772751
Conc: 83.66 ng/ml



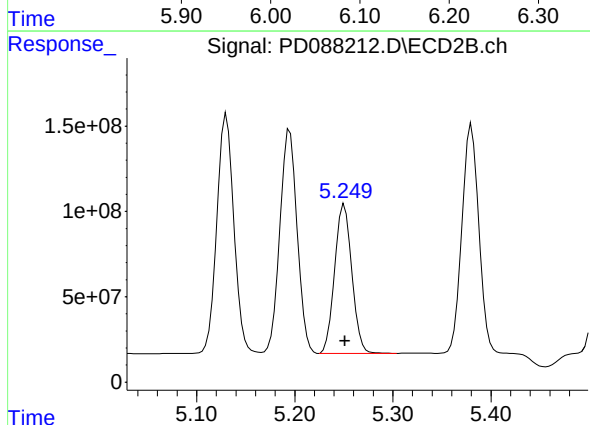
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.002 min
Response: 343691373
Conc: 101.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

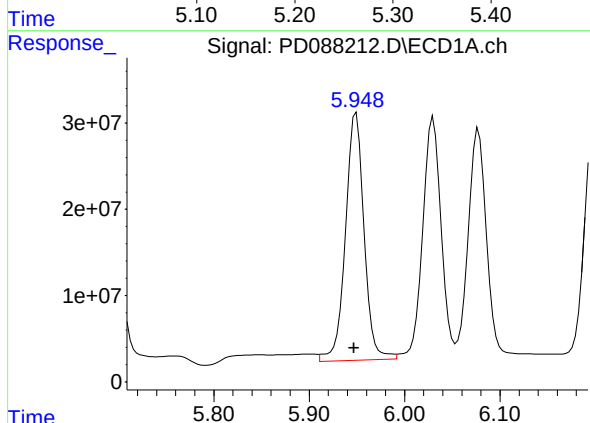
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



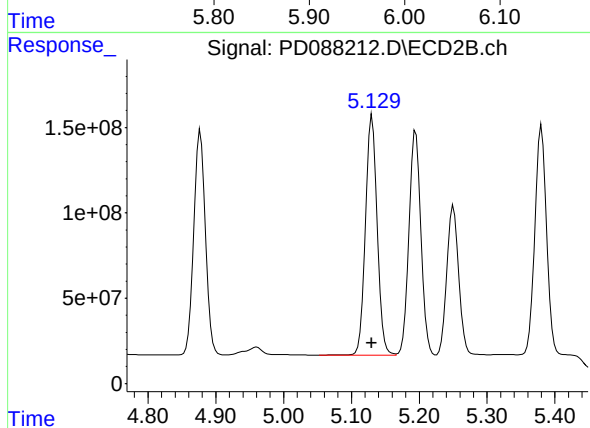
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 1064127313
Conc: 59.08 ng/ml



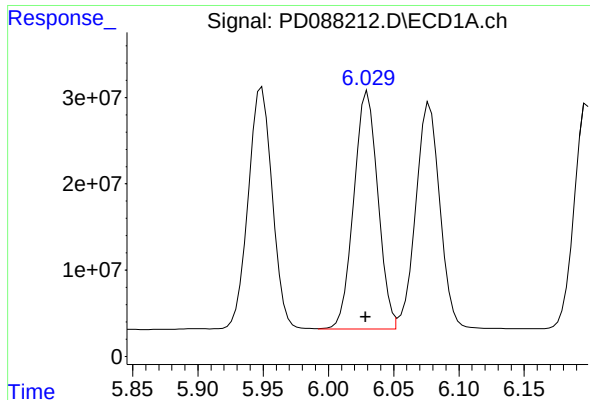
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 391314416
Conc: 108.04 ng/ml



#10 gamma-Chlordane

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 1699909091
Conc: 83.76 ng/ml



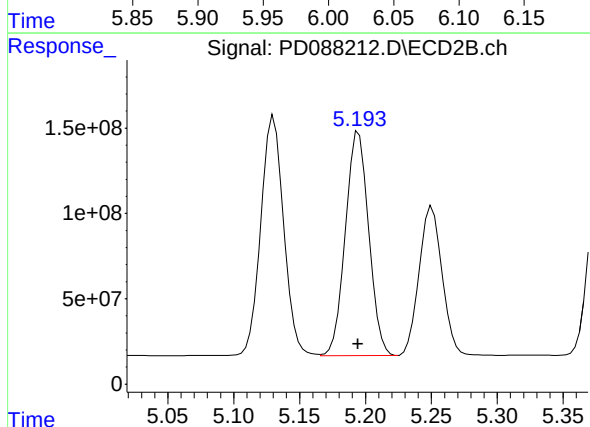
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 352232015
Conc: 97.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

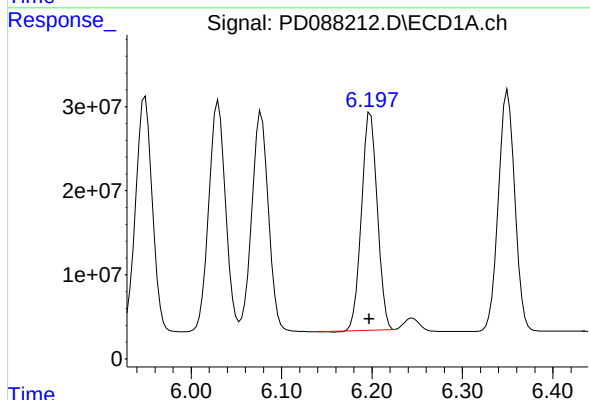
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



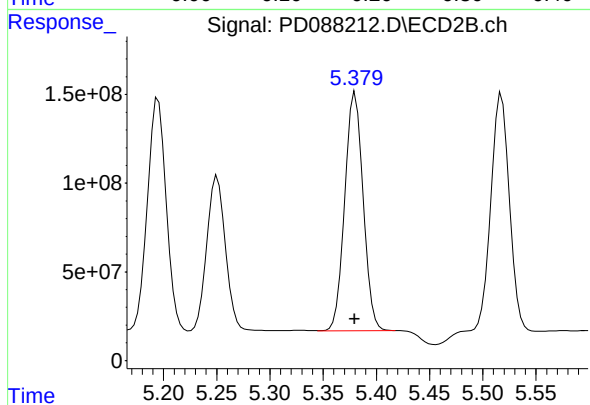
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 1613850966
Conc: 82.33 ng/ml



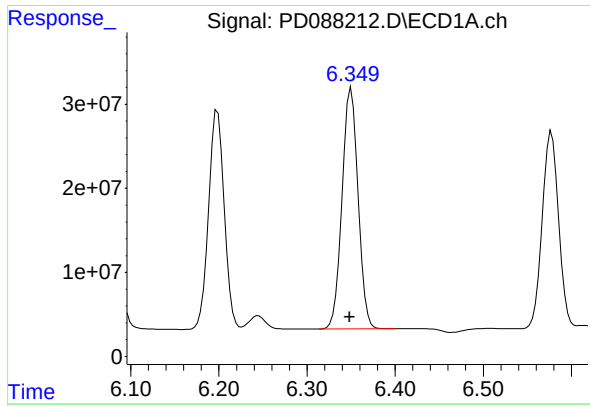
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.001 min
Response: 314631615
Conc: 95.39 ng/ml



#12 4,4'-DDE

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 1609608661
Conc: 81.73 ng/ml m



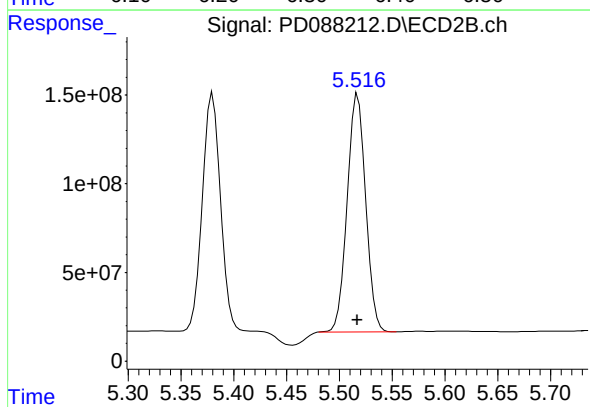
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.002 min
Response: 362662326
Conc: 101.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

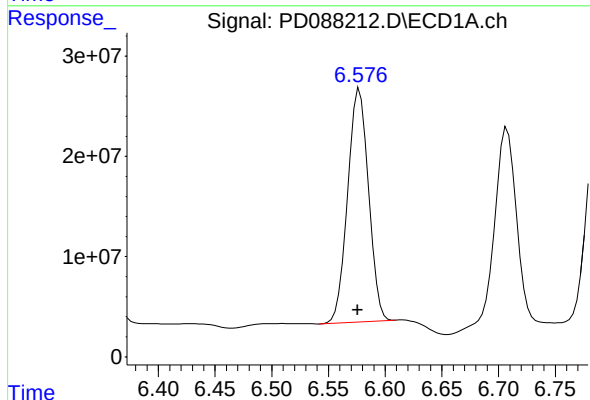
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



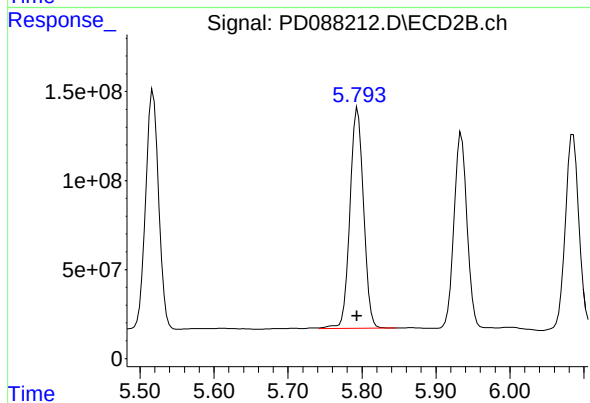
#13 Dieldrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 1638532861
Conc: 82.20 ng/ml



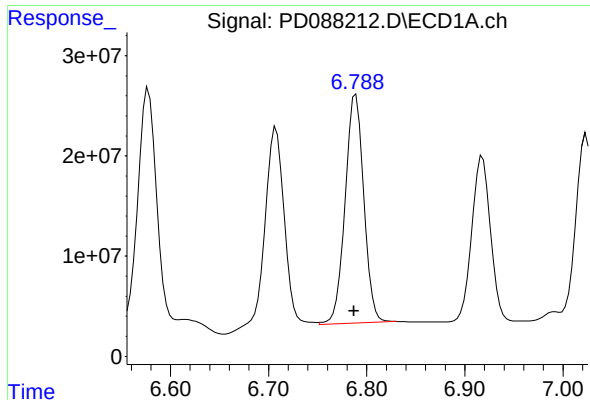
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.002 min
Response: 298681020
Conc: 100.14 ng/ml



#14 Endrin

R.T.: 5.794 min
Delta R.T.: 0.001 min
Response: 1582507256
Conc: 86.94 ng/ml



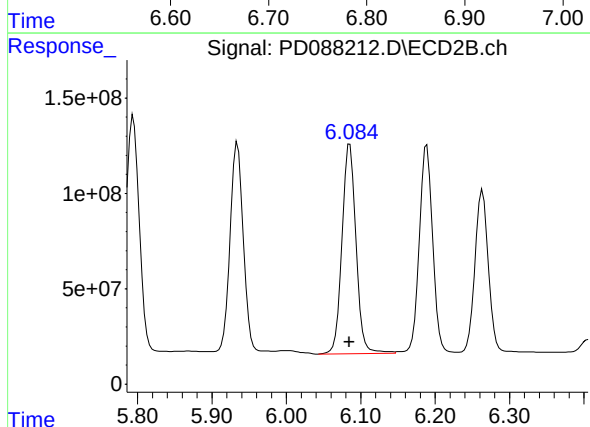
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: 0.002 min
Response: 302013854
Conc: 96.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

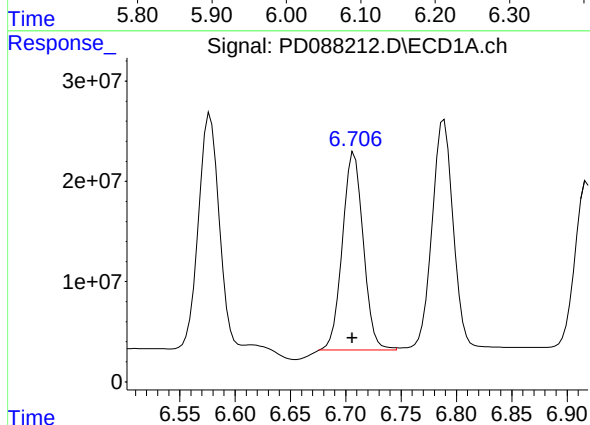
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



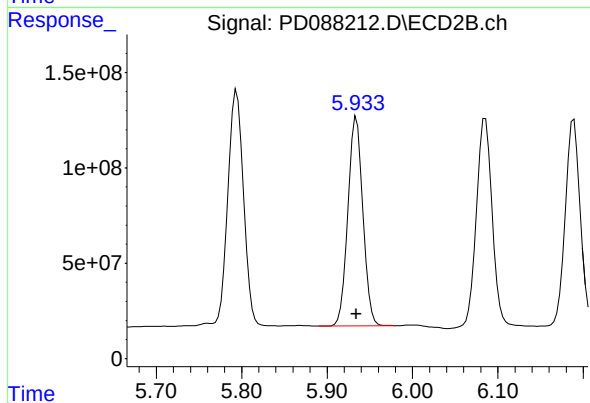
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 1443228617
Conc: 82.37 ng/ml



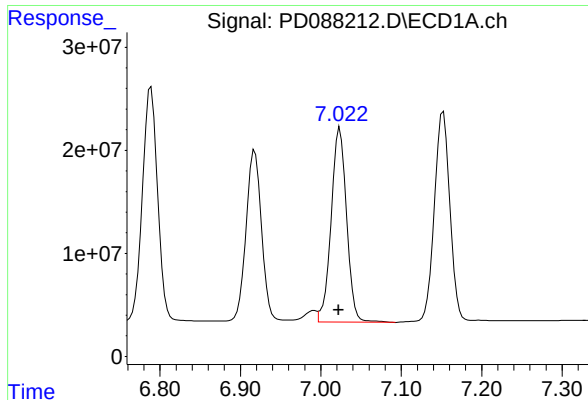
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 259712200
Conc: 103.27 ng/ml m



#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 1339568997
Conc: 81.75 ng/ml



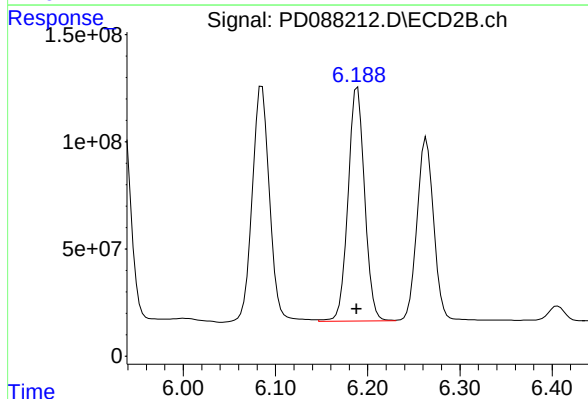
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 252463468
Conc: 90.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

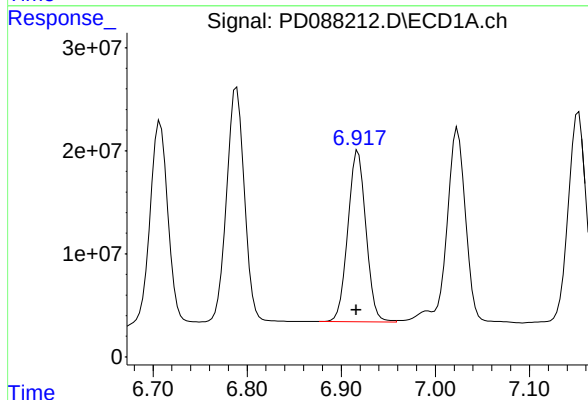
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



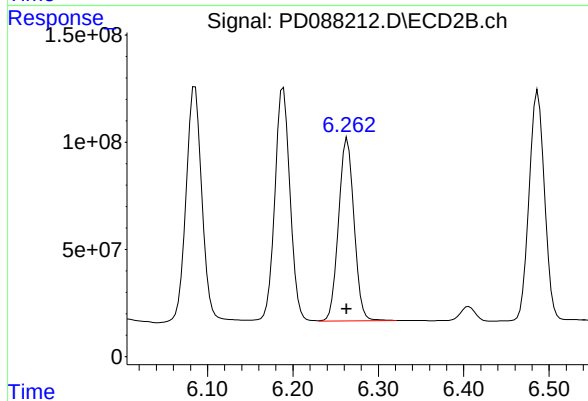
#17 4,4'-DDT

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 1361357818
Conc: 80.00 ng/ml



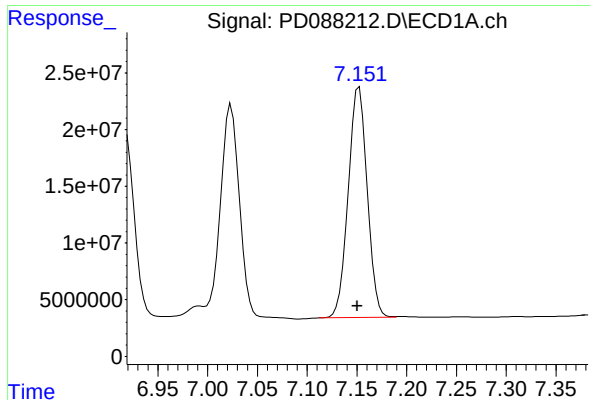
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.002 min
Response: 221783630
Conc: 96.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 1064544674
Conc: 80.04 ng/ml



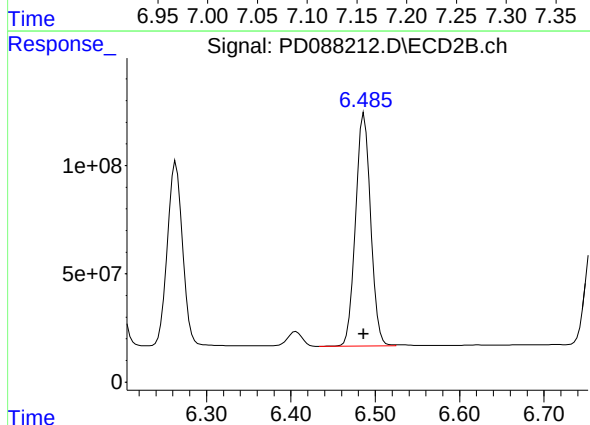
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: 0.002 min
Response: 270550549
Conc: 94.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

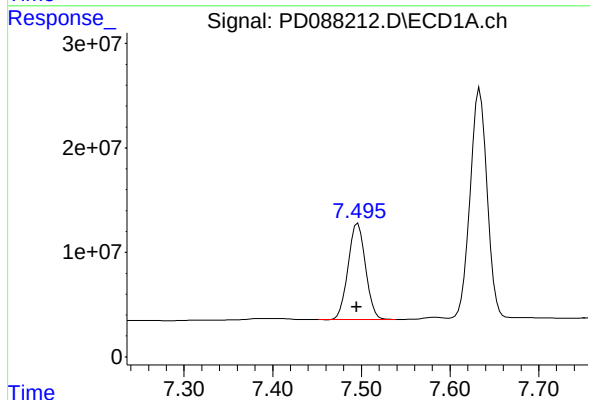
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



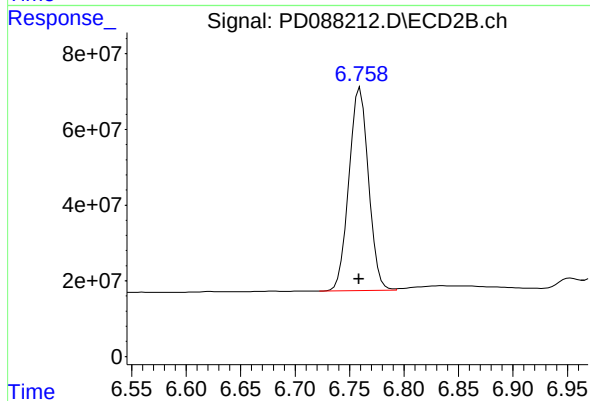
#19 Endosulfan Sulfate

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 1340256092
Conc: 78.23 ng/ml



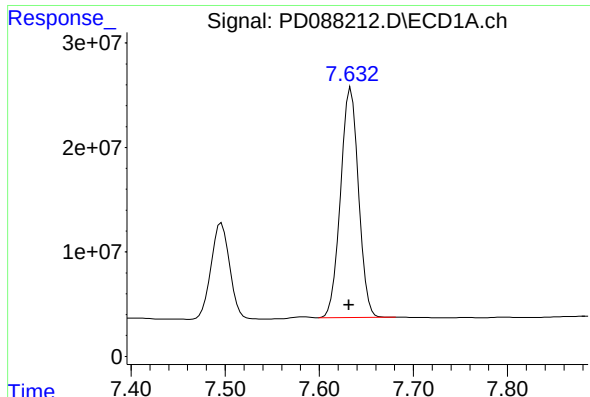
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.001 min
Response: 125992531
Conc: 84.02 ng/ml



#20 Methoxychlor

R.T.: 6.760 min
Delta R.T.: 0.001 min
Response: 669090917
Conc: 73.36 ng/ml



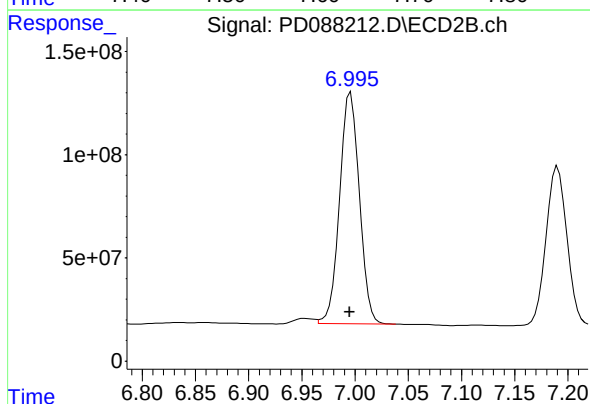
#21 Endrin ketone

R.T.: 7.634 min
Delta R.T.: 0.002 min
Response: 292011868
Conc: 94.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

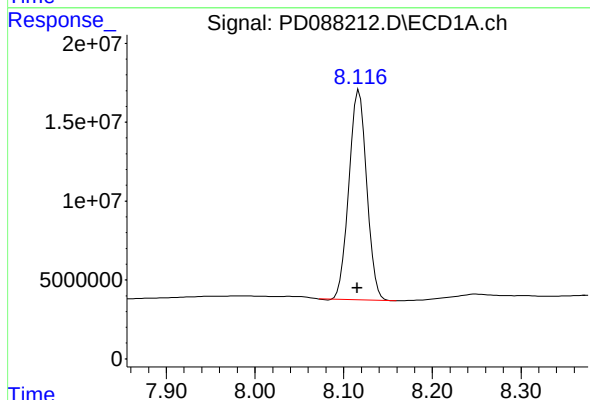
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



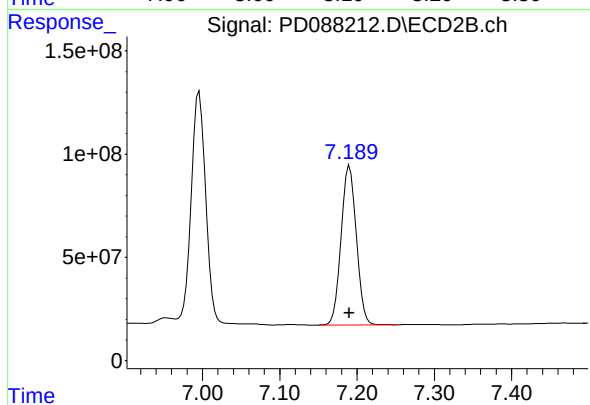
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 1445384620
Conc: 77.28 ng/ml m



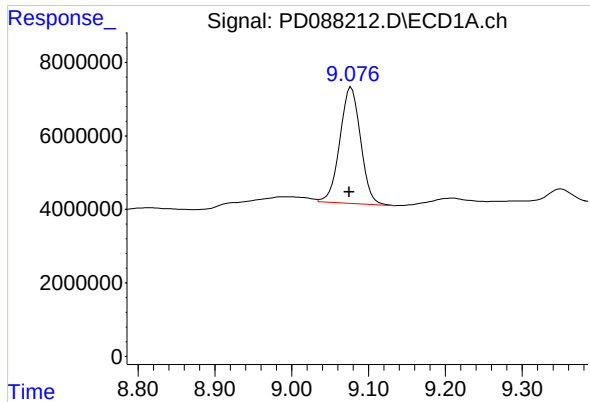
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 185706091
Conc: 79.08 ng/ml



#22 Mirex

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 1052551975
Conc: 71.02 ng/ml



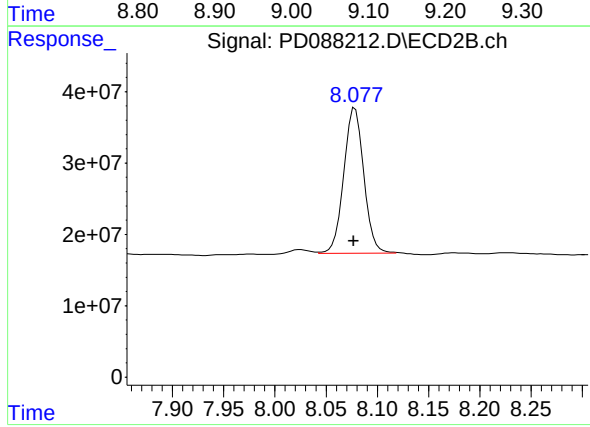
#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 58552566
Conc: 17.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/23/2025
Supervised By :mohammad ahmed 04/24/2025



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 277000282
Conc: 14.99 ng/ml m