

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
 Data File : PD088213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2025 14:10
 Operator : AR\AJ
 Sample : Q1832-06MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

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 01:18:37 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 x 0.5 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...	3.552	2.884	38906534	254.6E6	19.479	17.410
28)	SA Decachlor...	9.076	8.076	59031312	284.1E6	17.844	15.375m
Target Compounds							
2)	A alpha-BHC	4.002	3.396	479.5E6	2058.4E6	111.205	90.039
3)	MA gamma-BHC...	4.333	3.733	454.5E6	1897.9E6	108.526	88.115
4)	MA Heptachlor	4.932	4.086	405.0E6	1742.6E6	100.264	81.435
5)	MB Aldrin	5.274	4.372	395.5E6	1748.2E6	100.141	84.037
6)	B beta-BHC	4.517	4.028	161.3E6	808.1E6	99.346	87.325
7)	B delta-BHC	4.766	4.265	460.8E6	1906.3E6	111.721	89.660
8)	B Heptachlo...	5.693	4.876	365.5E6	1629.1E6	102.266	86.221
9)	A Endosulfan I	6.077	5.251	344.4E6	1495.8E6	101.971	83.041
10)	B gamma-Chl...	5.948	5.129	374.1E6	1752.5E6	103.284	86.345
11)	B alpha-Chl...	6.030	5.194	366.1E6	1678.2E6	101.417	85.612
12)	B 4,4'-DDE	6.198	5.379	333.1E6	1677.1E6	100.998	85.157
13)	MA Dieldrin	6.349	5.516	372.9E6	1703.7E6	104.491	85.470
14)	MA Endrin	6.577	5.793	305.2E6	1540.9E6	102.323	84.654
15)	B Endosulfa...	6.788	6.084	302.0E6	1460.8E6	96.605	83.372
16)	A 4,4'-DDD	6.707	5.934	260.2E6	1407.3E6	103.457	85.886
17)	MA 4,4'-DDT	7.023	6.188	266.3E6	1369.9E6	95.891	80.502
18)	B Endrin al...	6.917	6.262	225.9E6	1097.6E6	97.886	82.518
19)	B Endosulfa...	7.151	6.486	277.9E6	1396.6E6	96.617	81.514
20)	A Methoxychlor	7.495	6.758	127.5E6	682.2E6	85.002	74.791
21)	B Endrin ke...	7.632	6.994	299.4E6	1469.9E6	97.000	78.588
22)	Mirex	8.117	7.189	201.2E6	1089.1E6	85.672	73.486

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
Data File : PD088213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 14:10
Operator : AR\AJ
Sample : Q1832-06MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

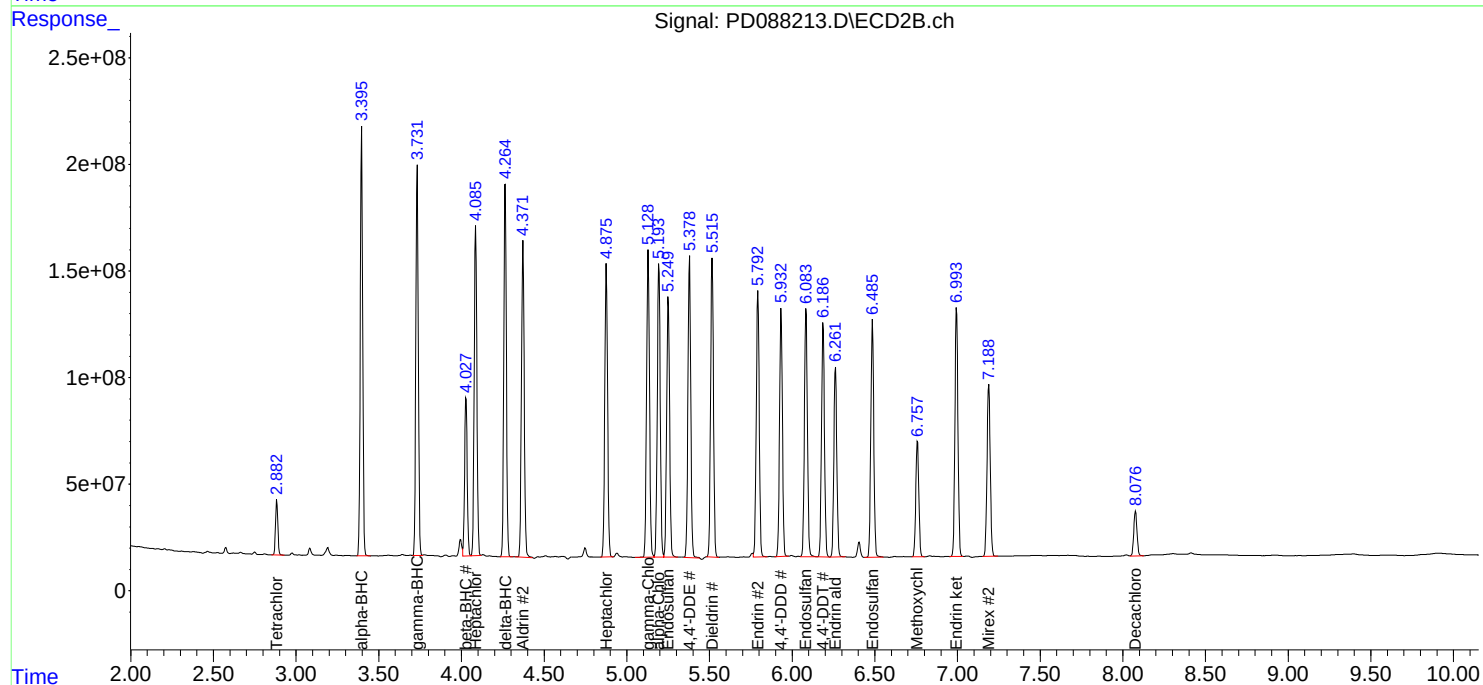
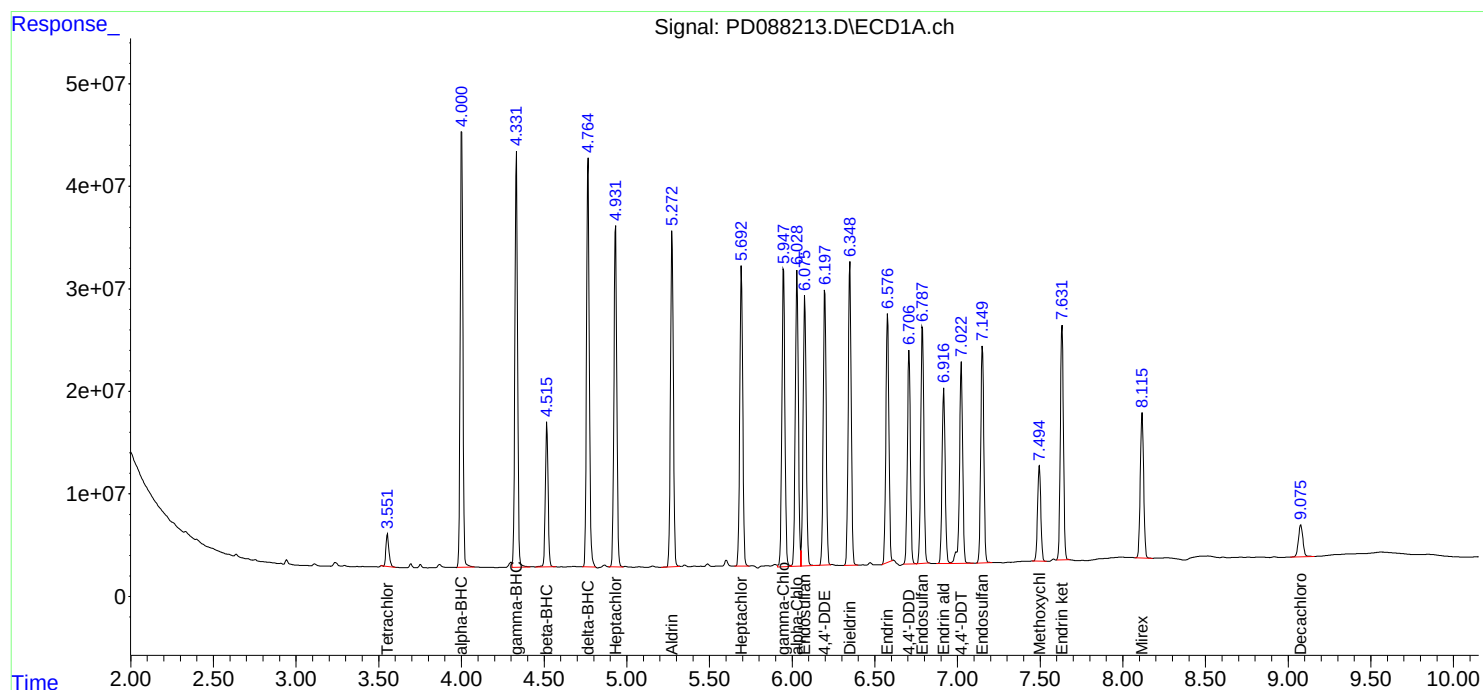
Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MSD

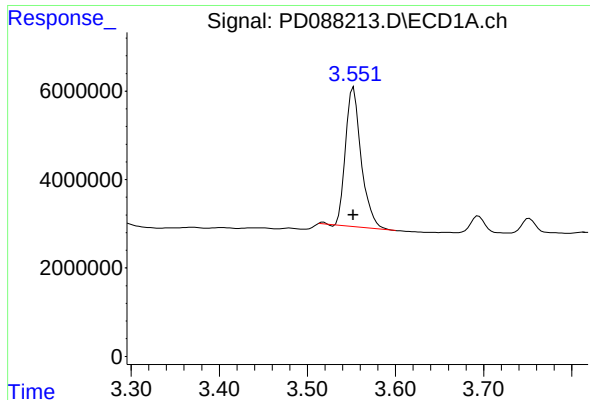
Manual Integrations
APPROVED

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 01:18:37 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





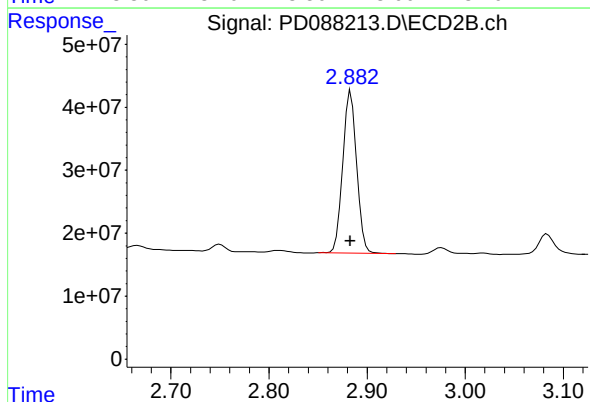
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 38906534
Conc: 19.48 ng/ml

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

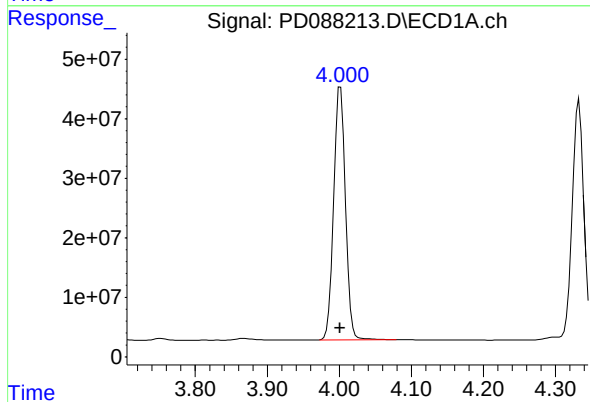
Manual Integrations
APPROVED

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



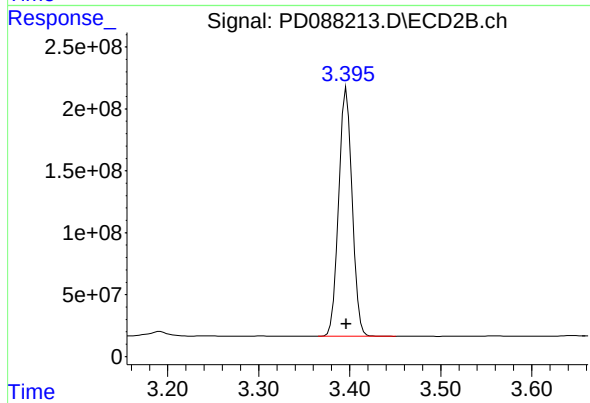
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 254563321
Conc: 17.41 ng/ml



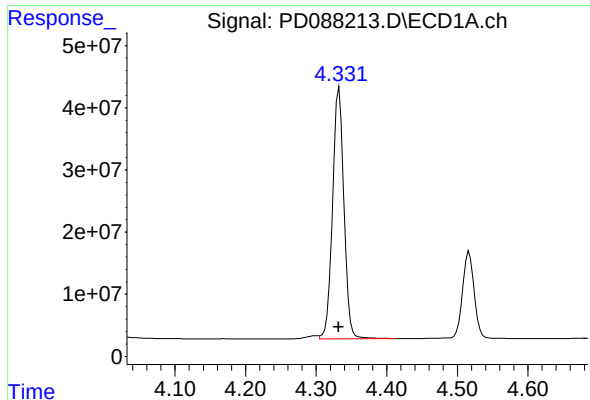
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 479514909
Conc: 111.20 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 2058434623
Conc: 90.04 ng/ml



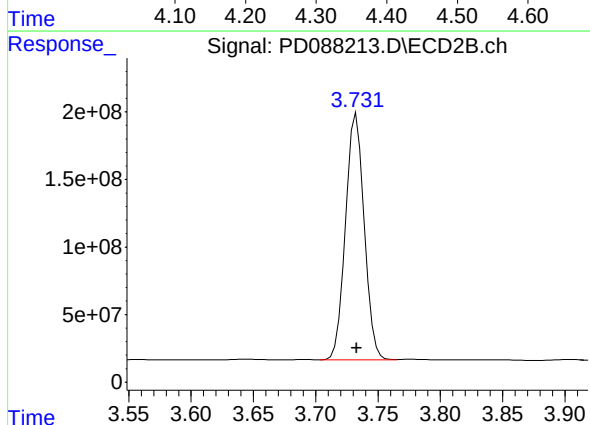
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 454453058
Conc: 108.53 ng/ml

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

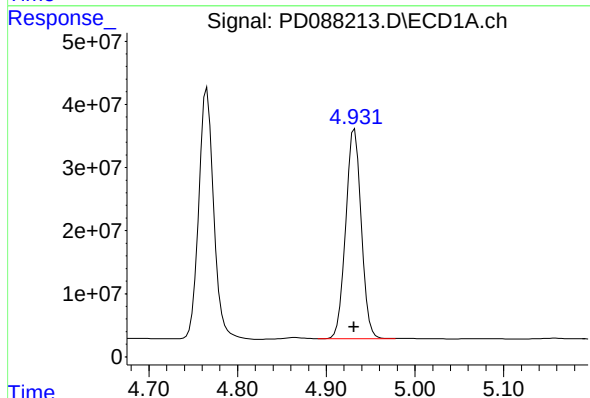
Manual Integrations
APPROVED

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



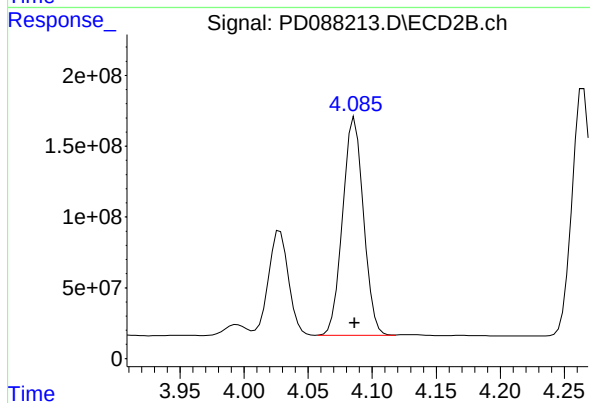
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 1897879078
Conc: 88.11 ng/ml



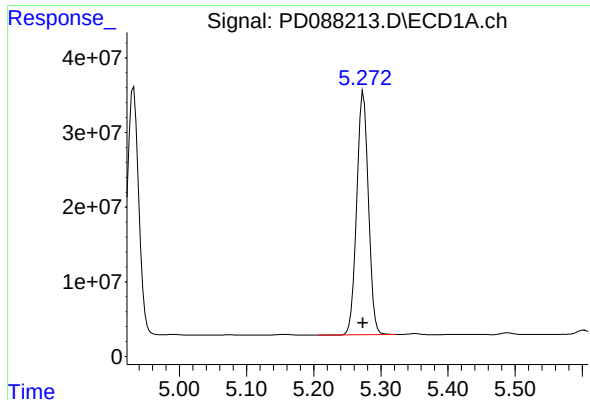
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 404960128
Conc: 100.26 ng/ml



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 1742554734
Conc: 81.43 ng/ml



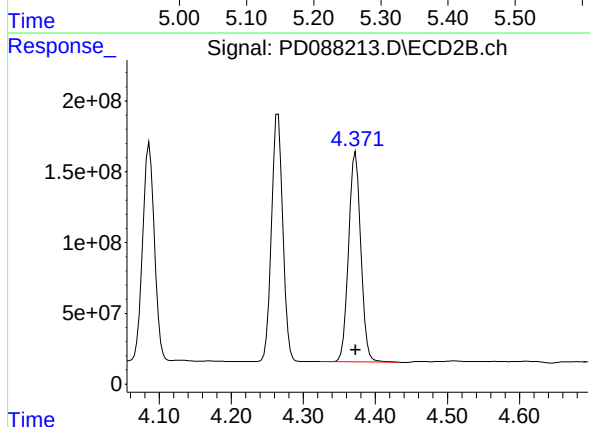
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 395516597
Conc: 100.14 ng/ml

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

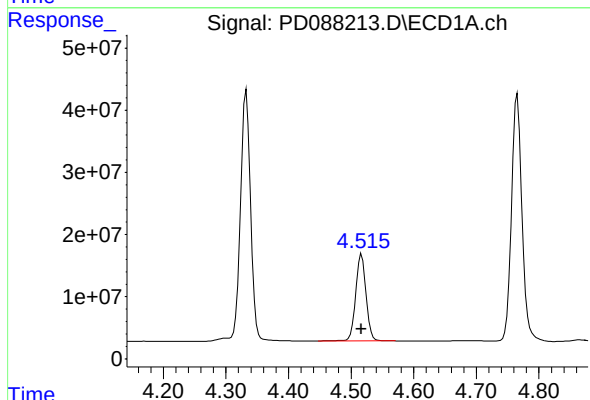
Manual Integrations
APPROVED

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



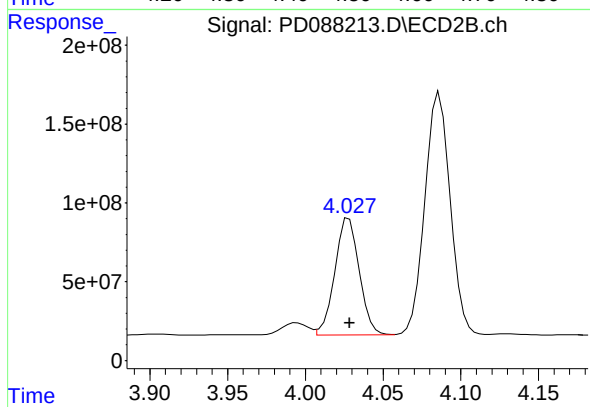
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 1748201211
Conc: 84.04 ng/ml



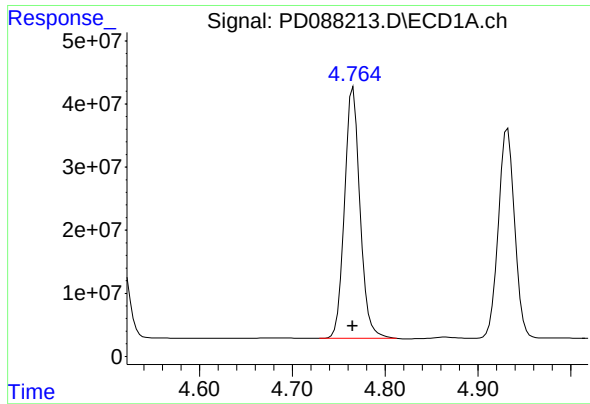
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 161276068
Conc: 99.35 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 808118275
Conc: 87.33 ng/ml



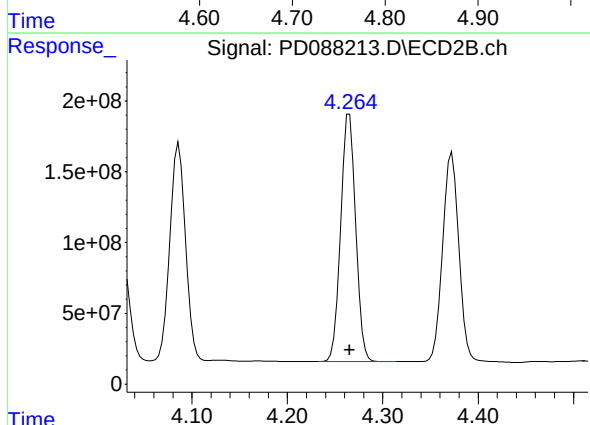
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 460848196
Conc: 111.72 ng/ml

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

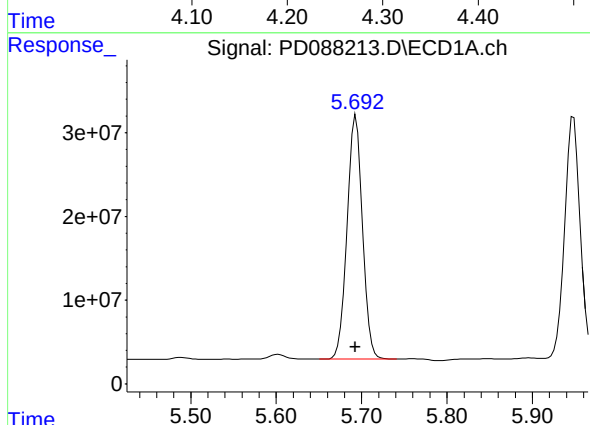
Manual Integrations
APPROVED

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



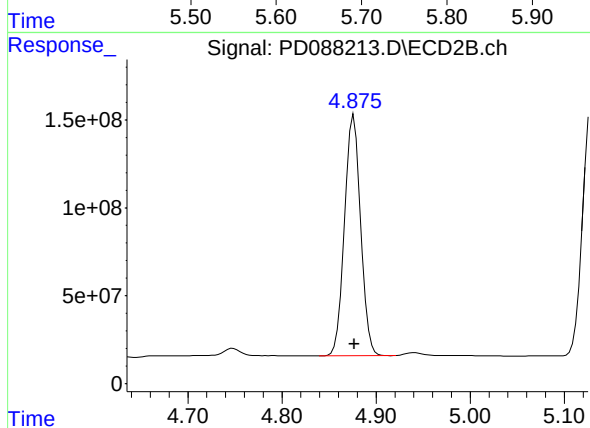
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1906320634
Conc: 89.66 ng/ml



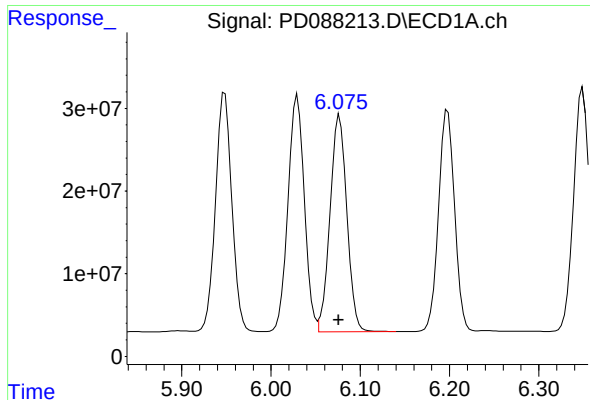
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 365492233
Conc: 102.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 1629089539
Conc: 86.22 ng/ml



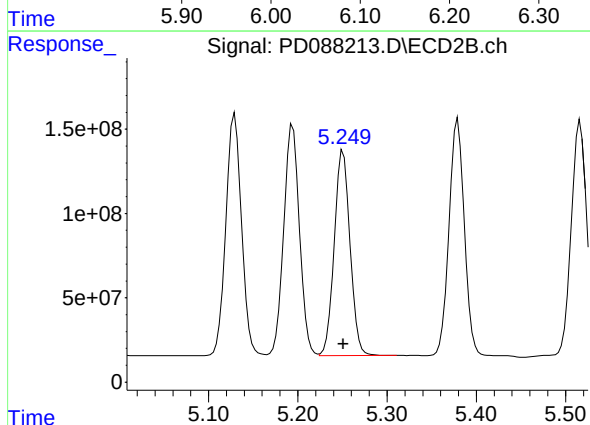
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 344369599
Conc: 101.97 ng/ml

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

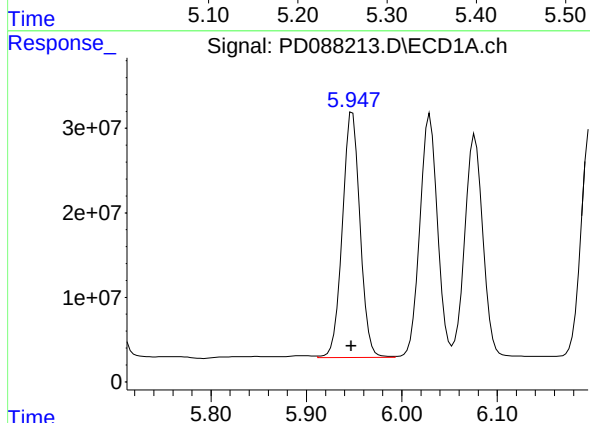
Manual Integrations
APPROVED

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



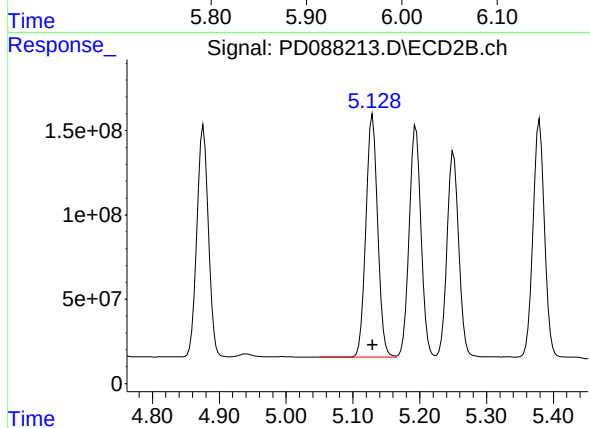
#9 Endosulfan I

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 1495775364
Conc: 83.04 ng/ml



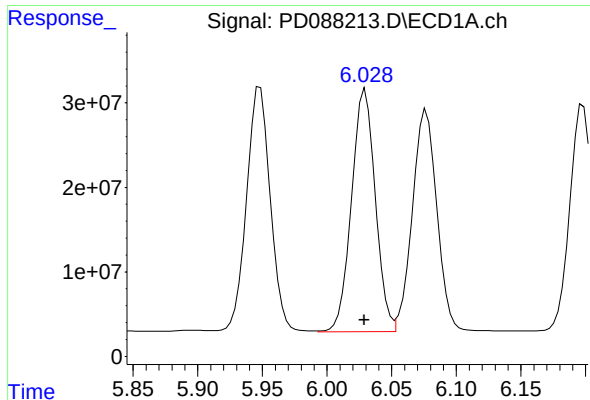
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.001 min
Response: 374099794
Conc: 103.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1752463201
Conc: 86.35 ng/ml



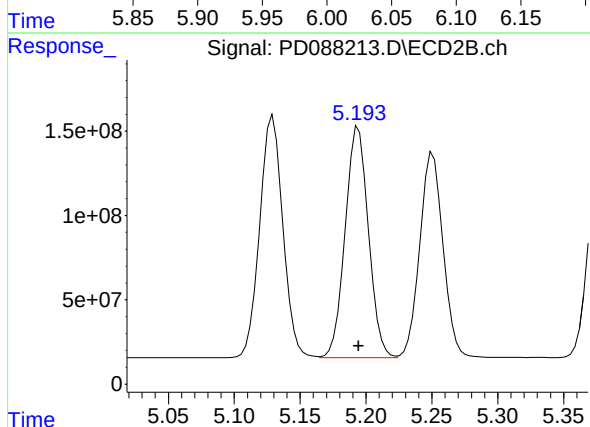
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 366074017
Conc: 101.42 ng/ml

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

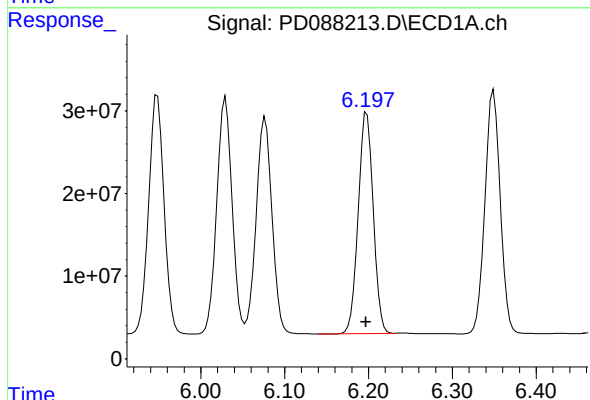
Manual Integrations
APPROVED

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



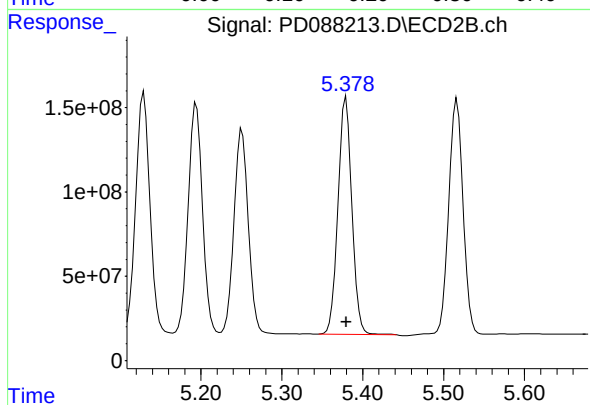
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 1678237474
Conc: 85.61 ng/ml



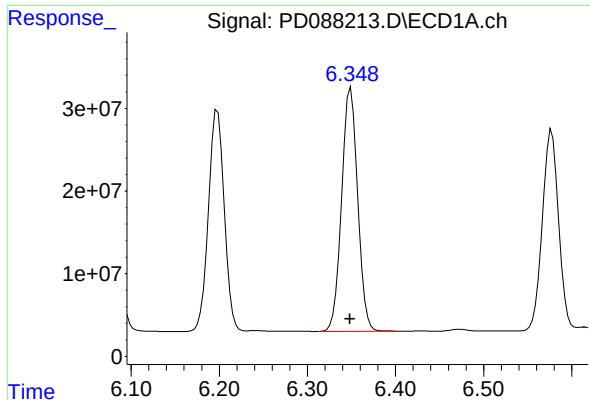
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 333115249
Conc: 101.00 ng/ml



#12 4,4'-DDE

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 1677073456
Conc: 85.16 ng/ml



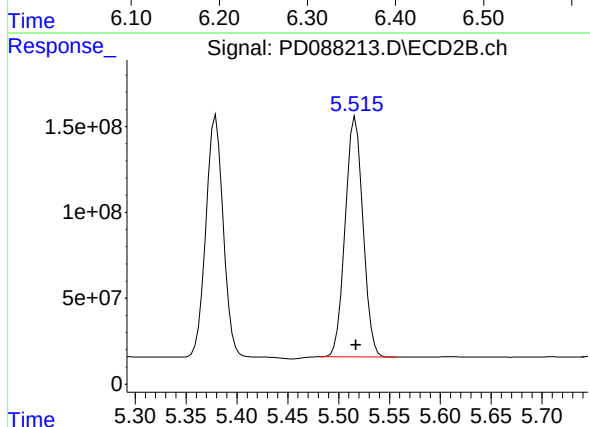
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 372877319
Conc: 104.49 ng/ml

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

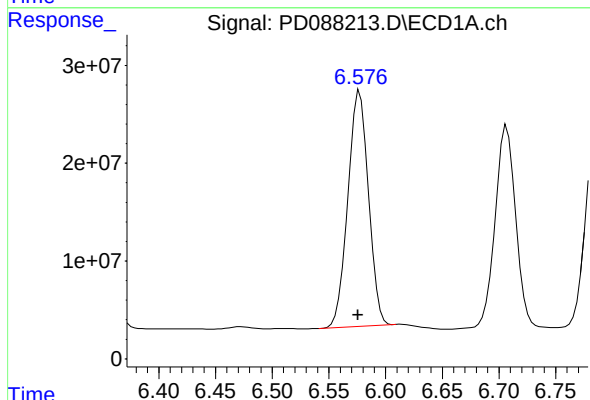
Manual Integrations
APPROVED

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



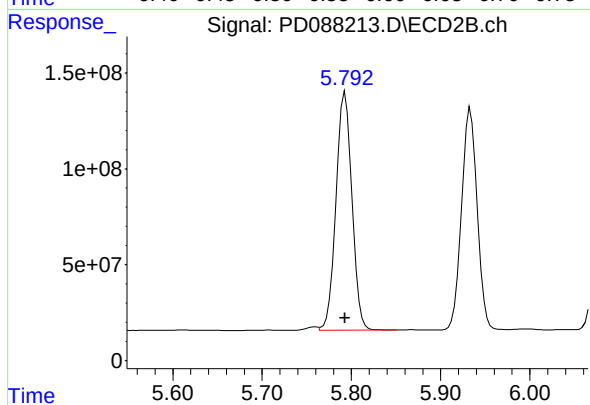
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 1703658750
Conc: 85.47 ng/ml



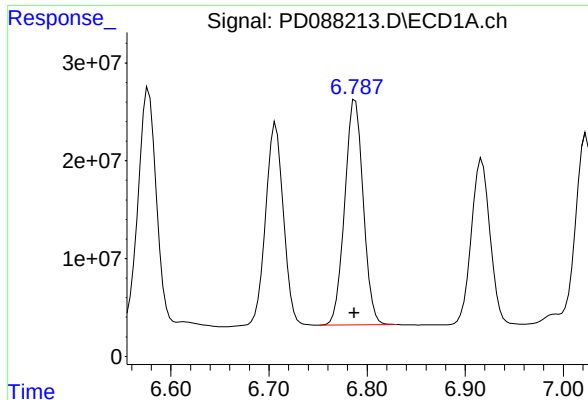
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.002 min
Response: 305184624
Conc: 102.32 ng/ml



#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 1540905630
Conc: 84.65 ng/ml



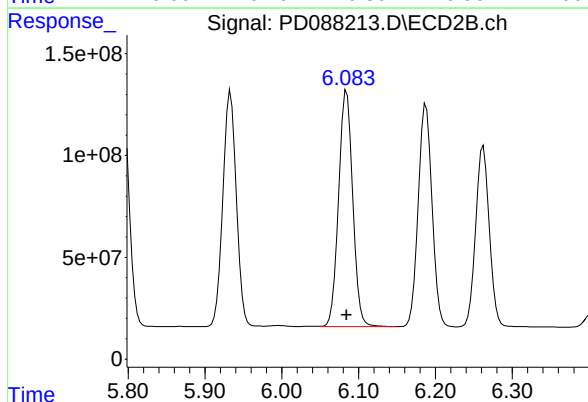
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: 0.000 min
Response: 302008473
Conc: 96.61 ng/ml

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

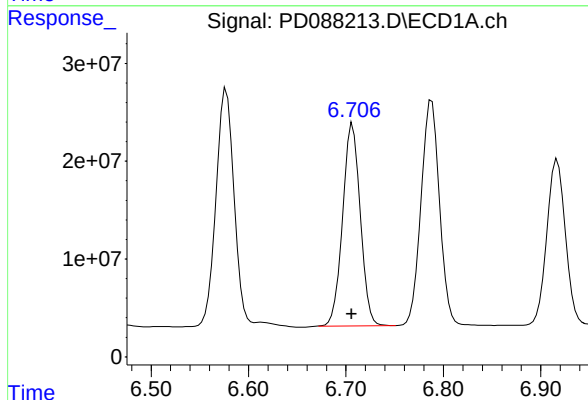
Manual Integrations
APPROVED

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



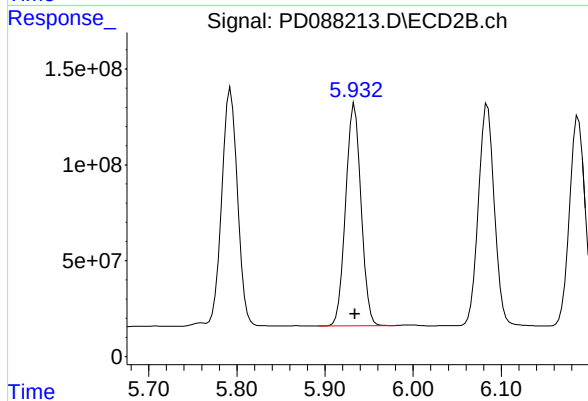
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 1460808594
Conc: 83.37 ng/ml



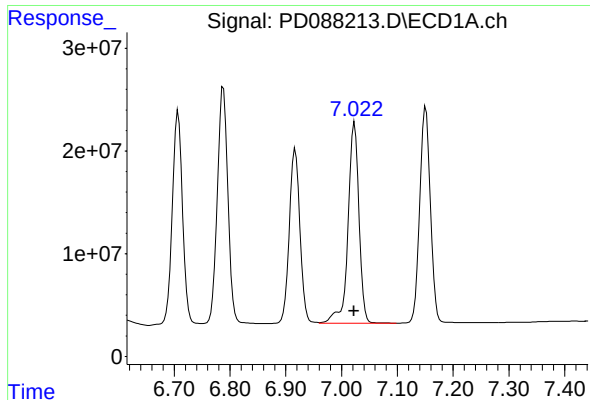
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.001 min
Response: 260190049
Conc: 103.46 ng/ml



#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 1407345979
Conc: 85.89 ng/ml



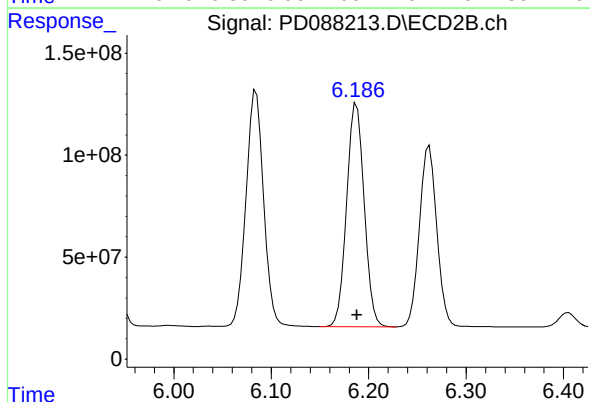
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.001 min
Response: 266340602
Conc: 95.89 ng/ml

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

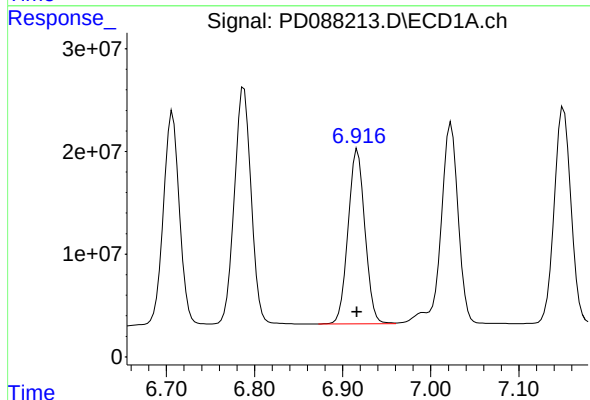
Manual Integrations
APPROVED

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



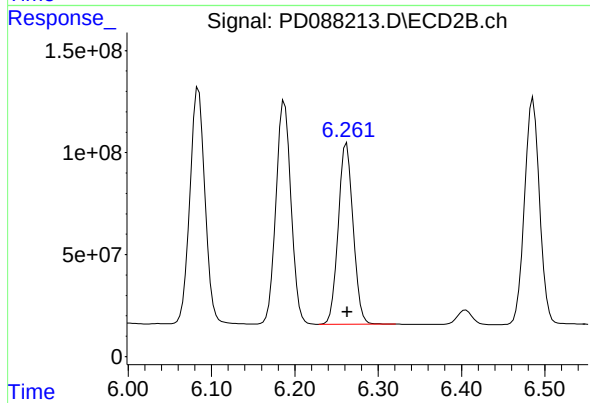
#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 1369854426
Conc: 80.50 ng/ml



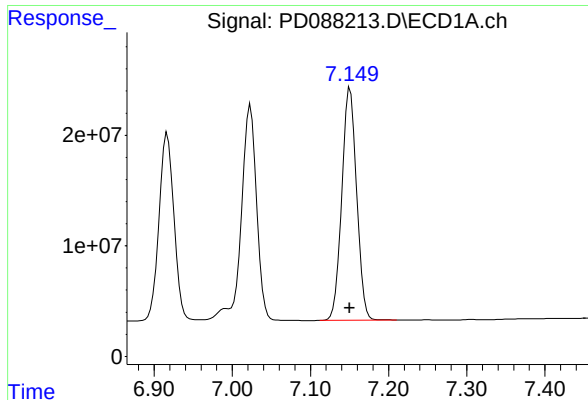
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 225918861
Conc: 97.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 1097569435
Conc: 82.52 ng/ml



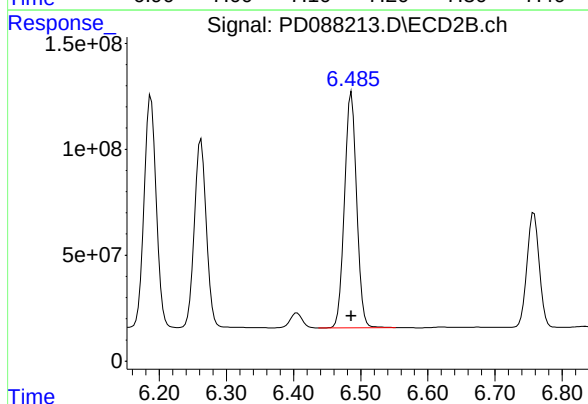
#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 277855049
Conc: 96.62 ng/ml

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

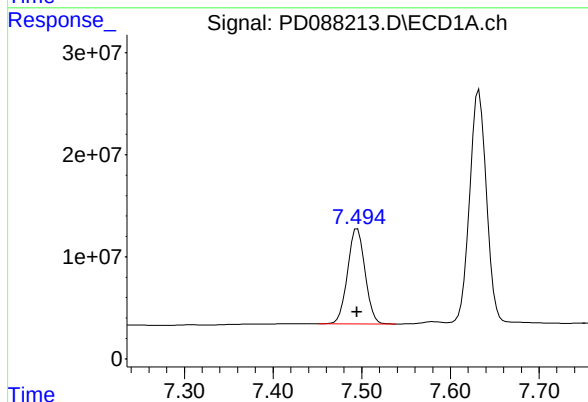
Manual Integrations
APPROVED

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



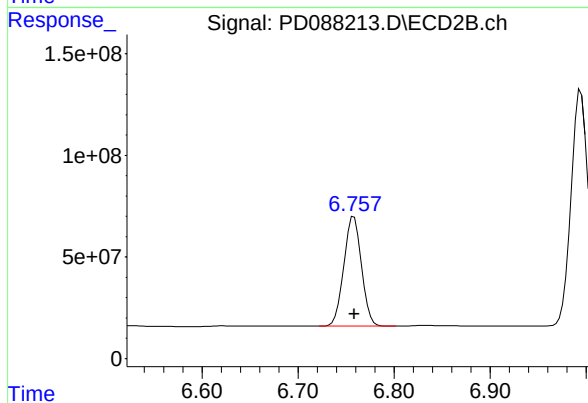
#19 Endosulfan Sulfate

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 1396601695
Conc: 81.51 ng/ml



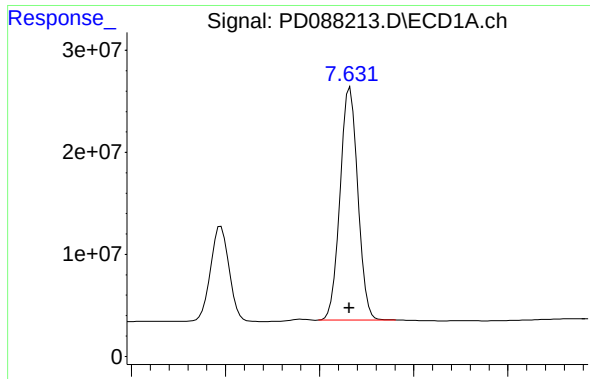
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 127464303
Conc: 85.00 ng/ml



#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 682174350
Conc: 74.79 ng/ml



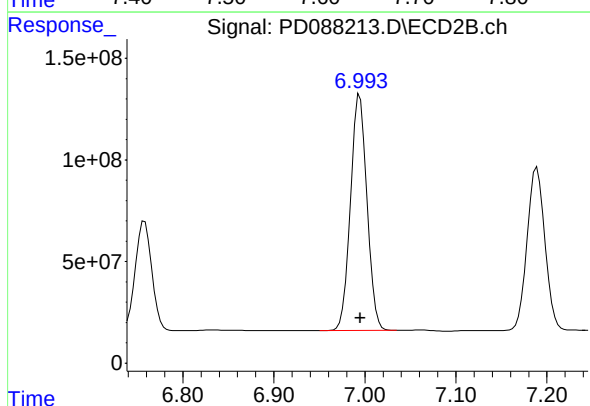
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 299396494
Conc: 97.00 ng/ml

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

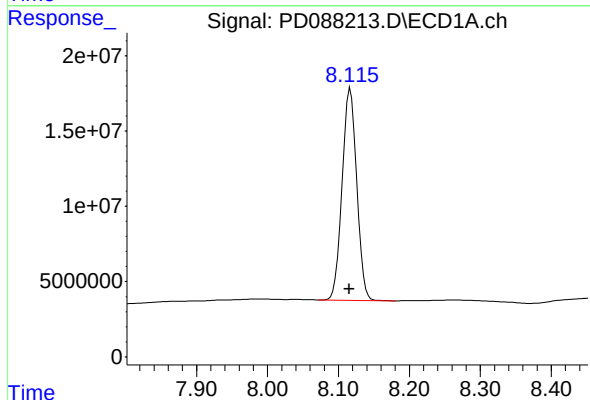
Manual Integrations
APPROVED

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



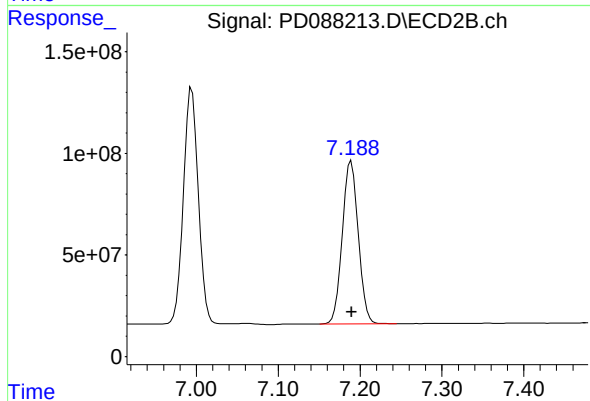
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 1469909455
Conc: 78.59 ng/ml



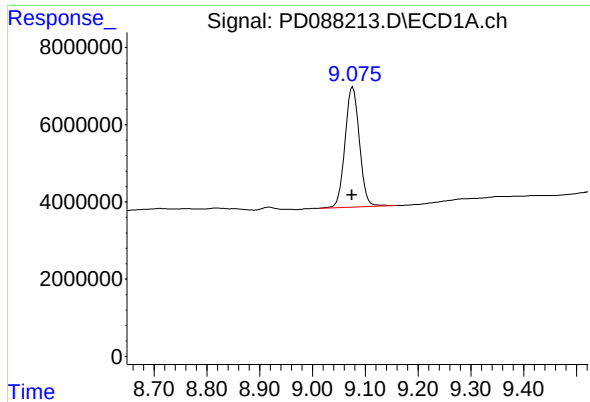
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 201184984
Conc: 85.67 ng/ml



#22 Mirex

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 1089125894
Conc: 73.49 ng/ml



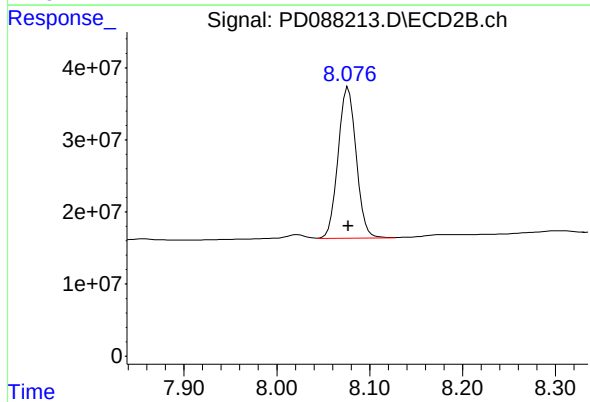
#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.001 min
Response: 59031312
Conc: 17.84 ng/ml

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

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: -0.001 min
Response: 284116324
Conc: 15.37 ng/ml m