

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072825\
 Data File : PD089645.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 14:00
 Operator : AR\AJ
 Sample : Q2600-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 STOCK-PILEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 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 01:32:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 22 04:39:29 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...	3.550	2.879	36172424	226.8E6	12.554	11.593m
2)	SA Decachlor...	9.073	8.070	52112160	222.3E6	12.689	9.050 #
Target Compounds							
2)	A alpha-BHC	3.999	3.392	202.0E6	879.7E6	35.383	29.280
3)	MA gamma-BHC...	4.331	3.728	188.5E6	751.7E6	34.170	27.075
4)	MA Heptachlor	4.929	4.081	178.6E6	726.4E6	32.744	25.926
5)	MB Aldrin	5.271	4.367	164.2E6	670.7E6	31.375	24.490
6)	B beta-BHC	4.516	4.024	69136773	324.7E6	32.065	27.281
7)	B delta-BHC	4.763	4.260	184.7E6	709.9E6	34.938m	25.447 #
8)	B Heptachlo...	5.691	4.870	145.6E6	588.3E6	30.829	23.665
9)	A Endosulfan I	6.074	5.245	137.7E6	525.9E6	30.965	22.146 #
10)	B gamma-Chl...	5.945	5.124	147.6E6	613.8E6	31.134	22.943 #
11)	B alpha-Chl...	6.026	5.188	145.0E6	560.6E6	30.428	21.734 #
12)	B 4,4'-DDE	6.195	5.373	128.4E6	563.4E6	29.900	21.458 #
13)	MA Dieldrin	6.346	5.511	142.9E6	571.9E6	30.265	21.640 #
14)	MA Endrin	6.574	5.787	125.1E6	511.4E6	30.713	21.149 #
15)	B Endosulfa...	6.786	6.078	119.7E6	512.8E6	29.408	22.328
16)	A 4,4'-DDD	6.705	5.926	111.8E6	447.0E6	32.990	20.392m#
17)	MA 4,4'-DDT	7.021	6.181	110.2E6	491.5E6	29.218	20.999 #
18)	B Endrin al...	6.913	6.256	81288565	325.1E6	27.880m	19.586 #
19)	B Endosulfa...	7.149	6.480	125.3E6	471.9E6	33.202	21.257 #
20)	A Methoxychlor	7.493	6.752	65233448	281.9E6	32.537	23.119 #
21)	B Endrin ke...	7.629	6.989	133.0E6	497.7E6	33.040m	20.325 #
22)	Mirex	8.113	7.183	104.3E6	377.2E6	33.910	19.514 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072825\
Data File : PD089645.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jul 2025 14:00
Operator : AR\AJ
Sample : Q2600-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

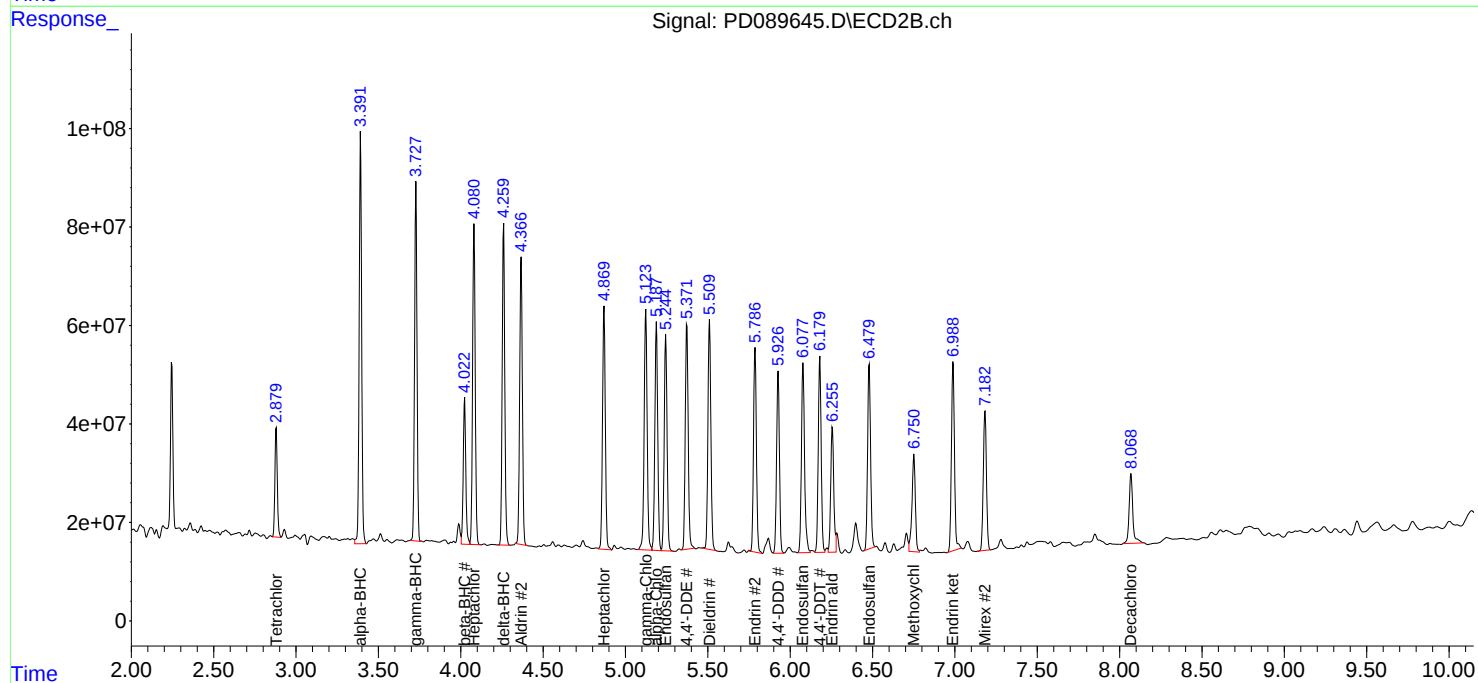
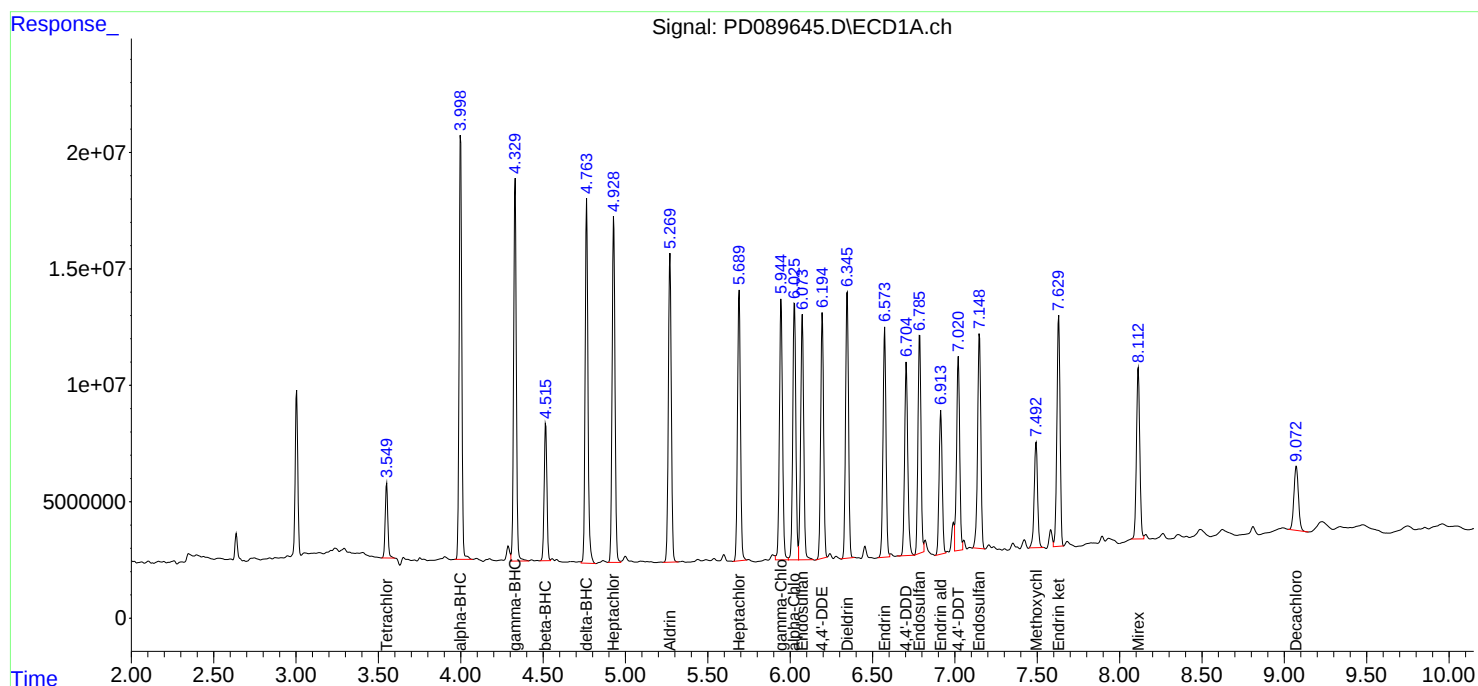
Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

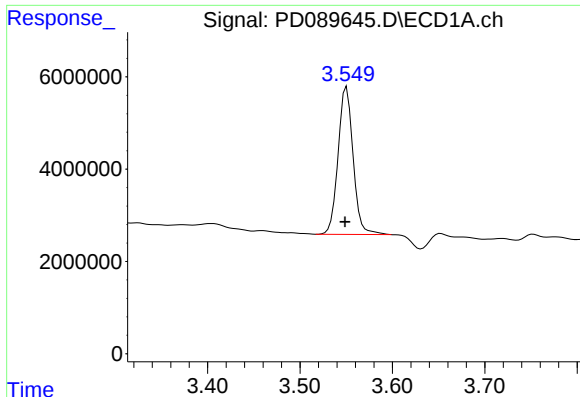
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 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 01:32:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 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





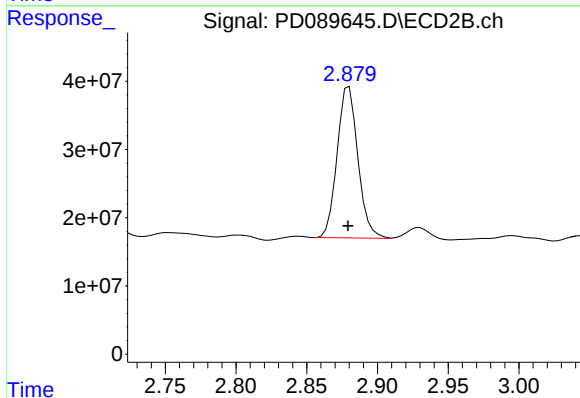
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.001 min
Response: 36172424
Conc: 12.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

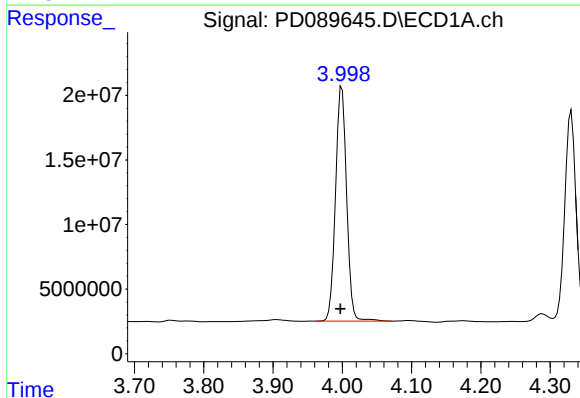
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



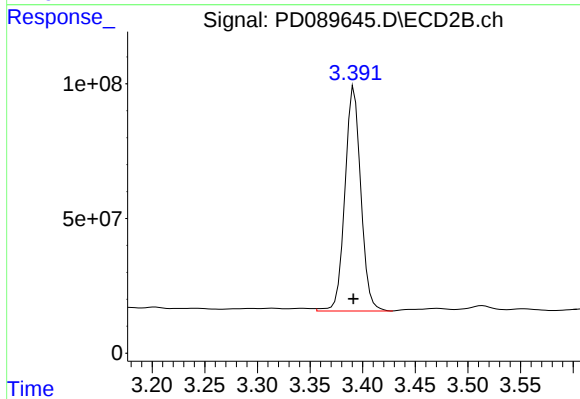
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.000 min
Response: 226831642
Conc: 11.59 ng/ml m



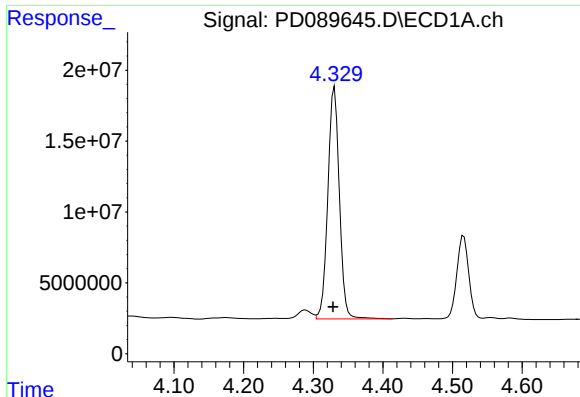
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.002 min
Response: 202024783
Conc: 35.38 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 879724447
Conc: 29.28 ng/ml



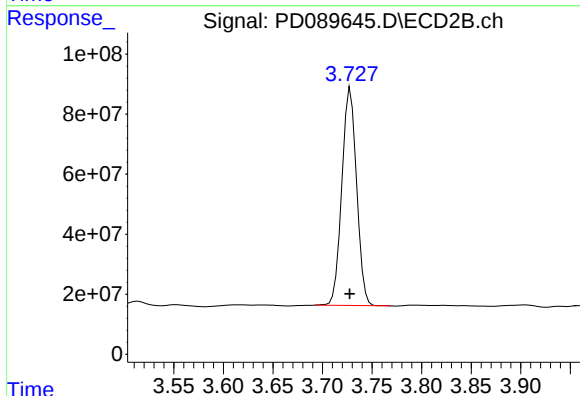
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.002 min
Response: 188532424
Conc: 34.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

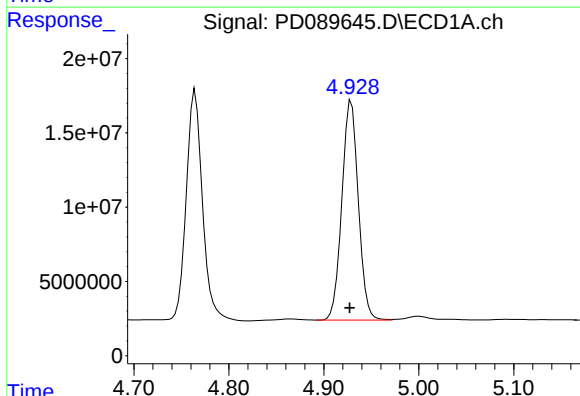
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



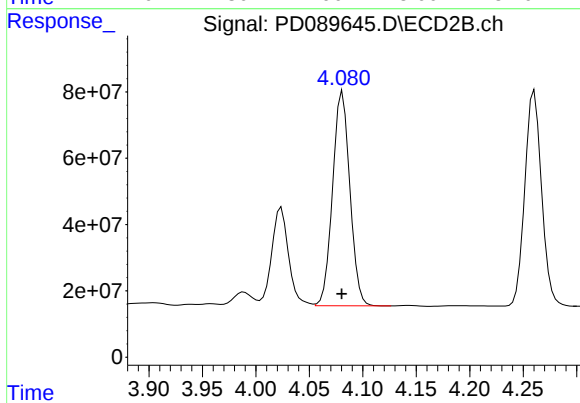
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 751656340
Conc: 27.07 ng/ml



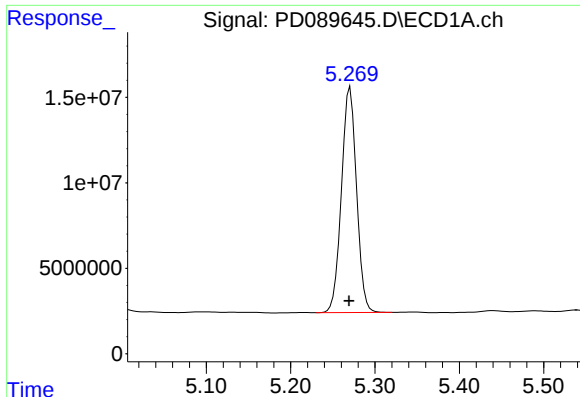
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 178581547
Conc: 32.74 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 726411107
Conc: 25.93 ng/ml



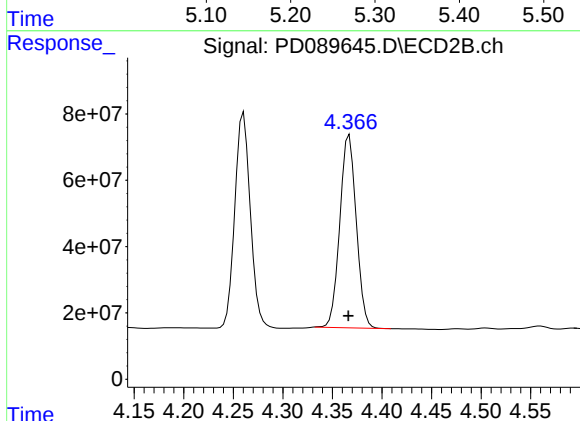
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.001 min
Response: 164181309
Conc: 31.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

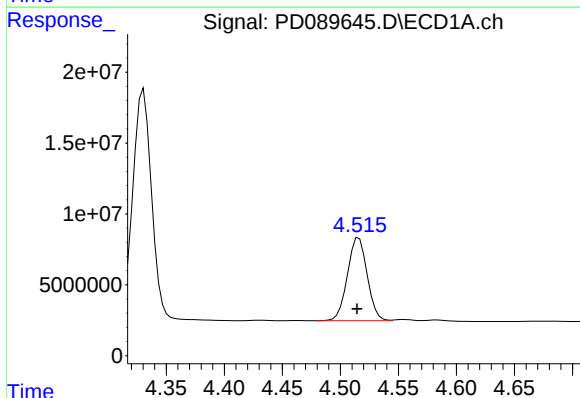
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



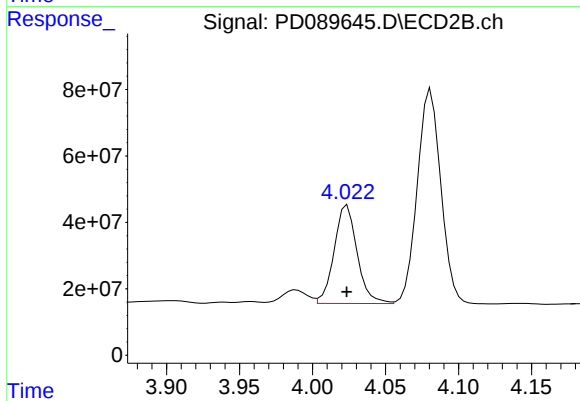
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 670704578
Conc: 24.49 ng/ml



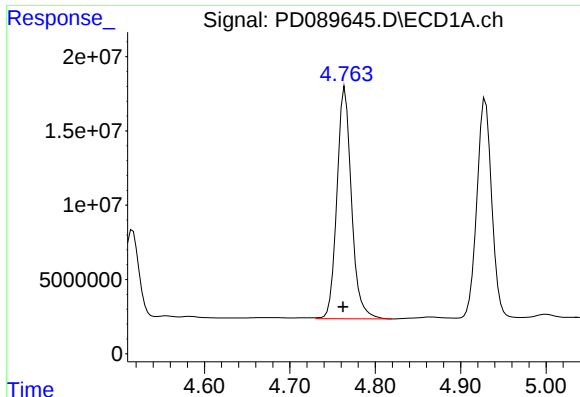
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 69136773
Conc: 32.06 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 324722282
Conc: 27.28 ng/ml



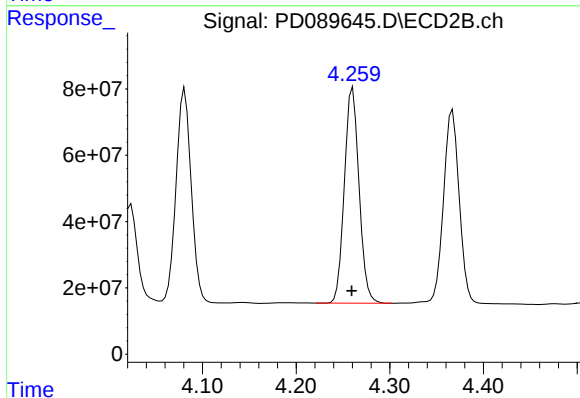
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 184651663
Conc: 34.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

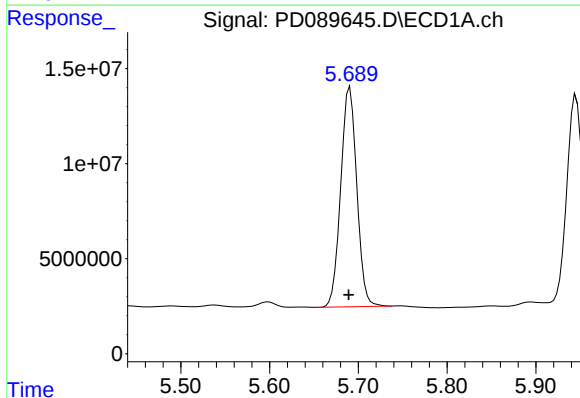
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



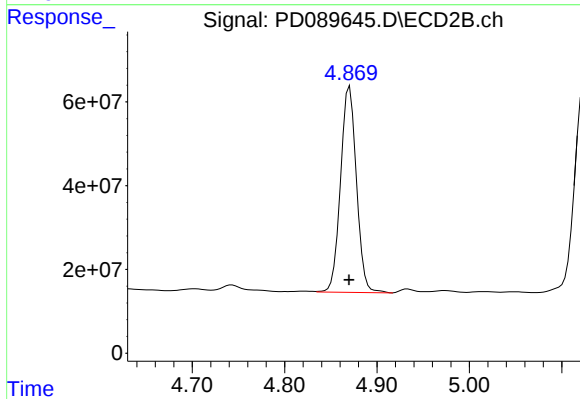
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 709870519
Conc: 25.45 ng/ml



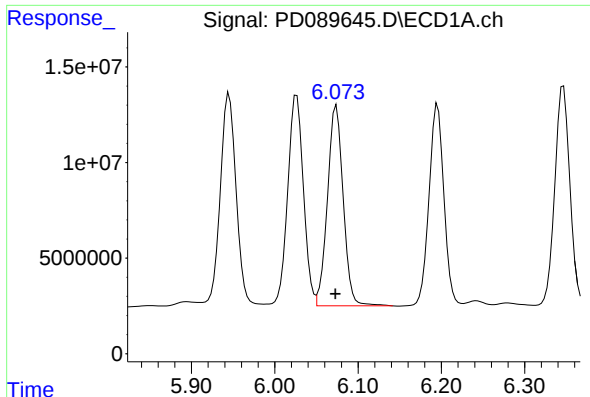
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 145623943
Conc: 30.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 588344609
Conc: 23.66 ng/ml



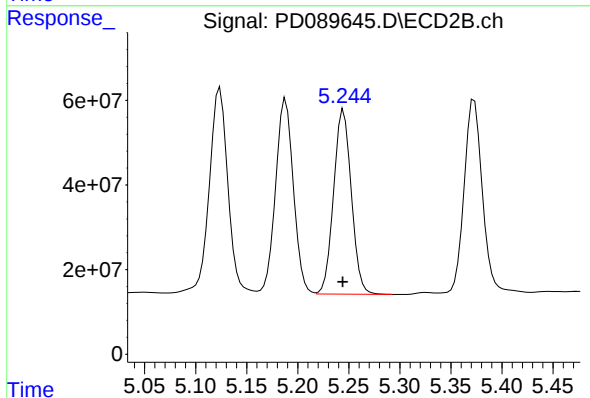
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.001 min
Response: 137660289
Conc: 30.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

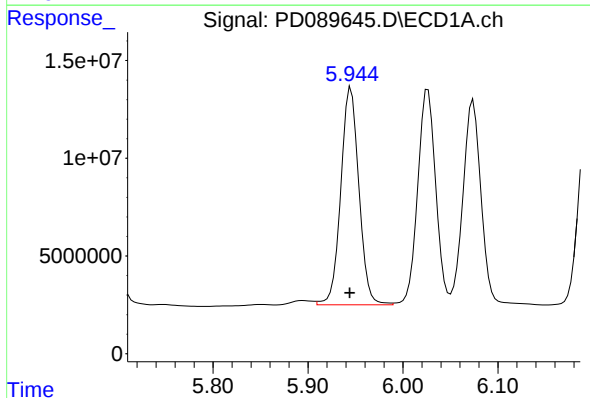
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



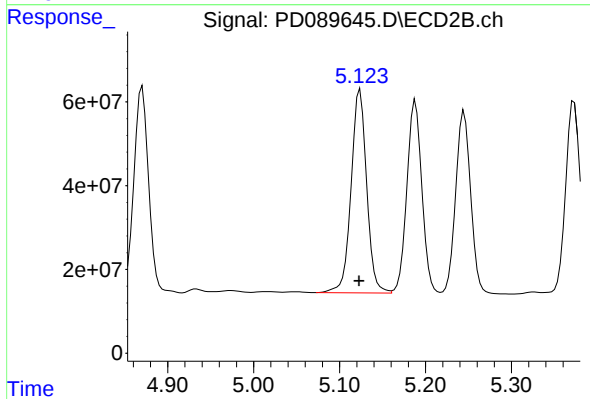
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 525874381
Conc: 22.15 ng/ml



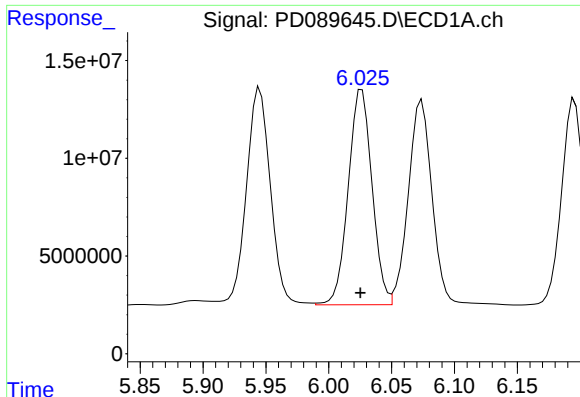
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 147605197
Conc: 31.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: 0.001 min
Response: 613799801
Conc: 22.94 ng/ml



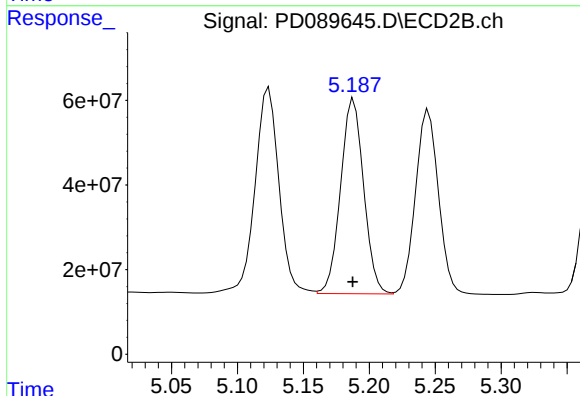
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.001 min
Response: 145038508
Conc: 30.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

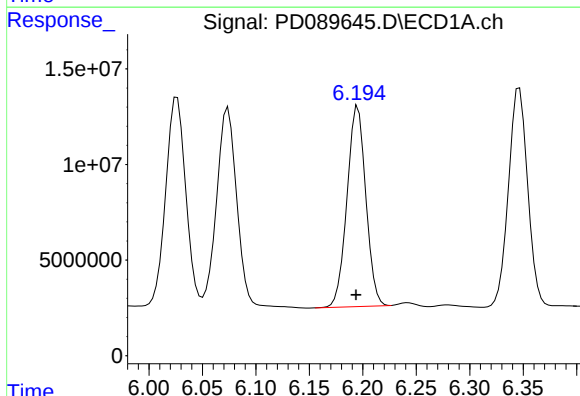
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



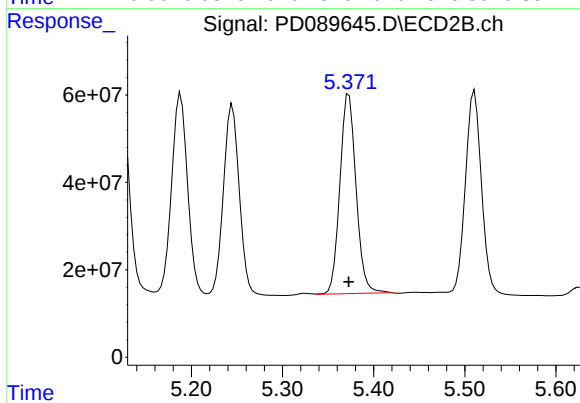
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: 0.000 min
Response: 560556258
Conc: 21.73 ng/ml



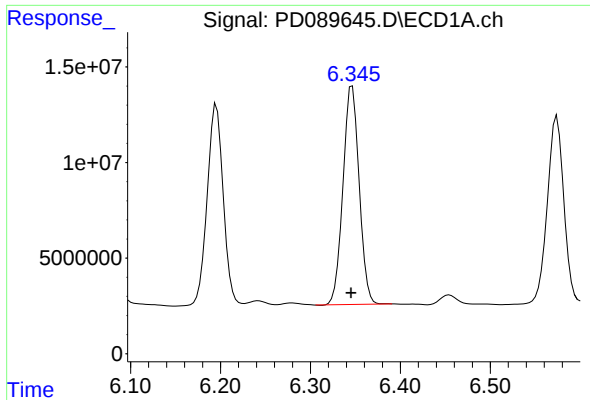
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 128386244
Conc: 29.90 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 563407693
Conc: 21.46 ng/ml



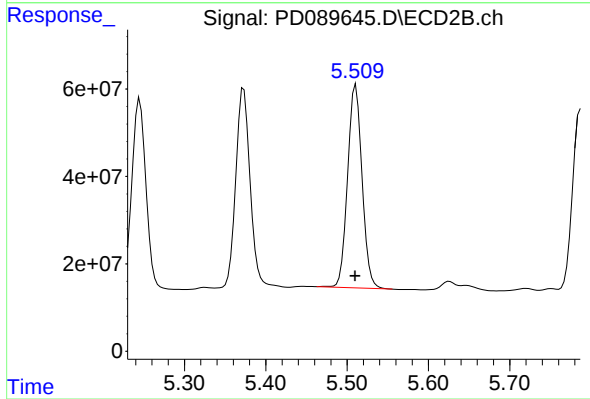
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.001 min
Response: 142871982
Conc: 30.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

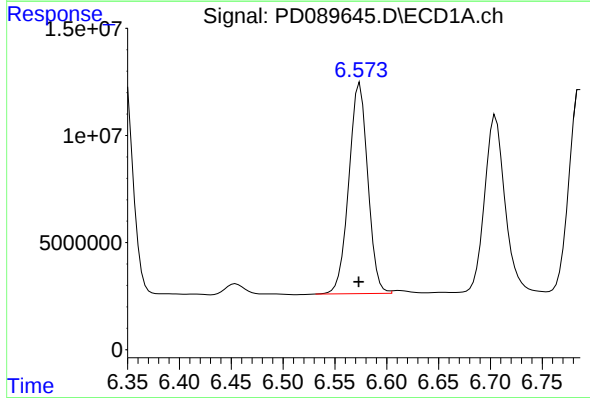
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



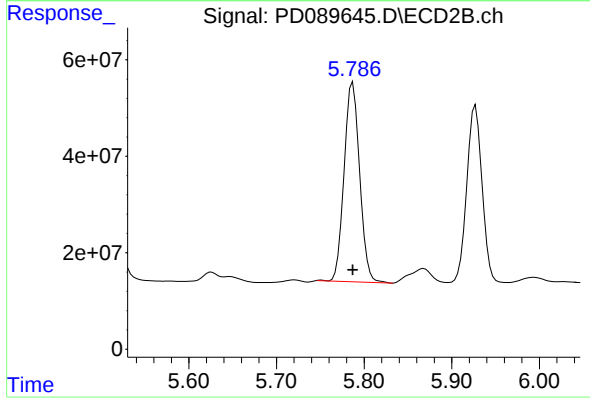
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 571862005
Conc: 21.64 ng/ml



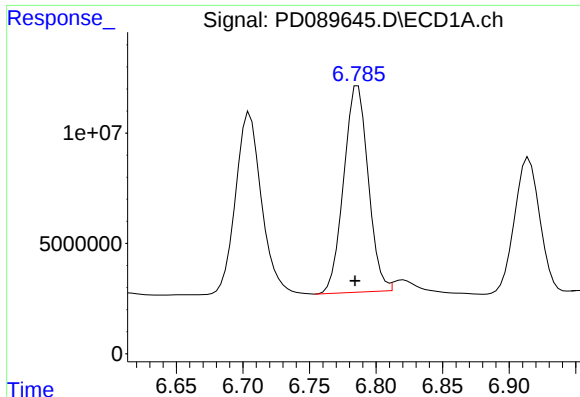
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.001 min
Response: 125079176
Conc: 30.71 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 511407483
Conc: 21.15 ng/ml



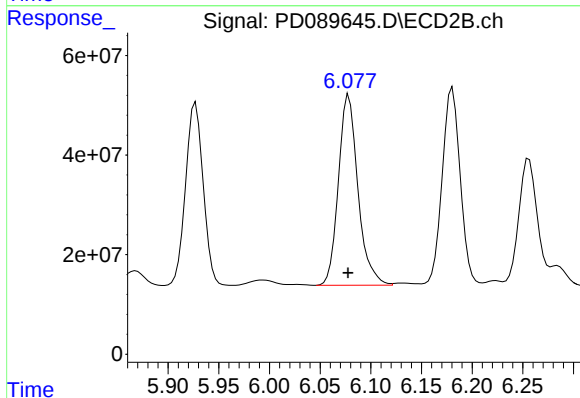
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.002 min
Response: 119659303
Conc: 29.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

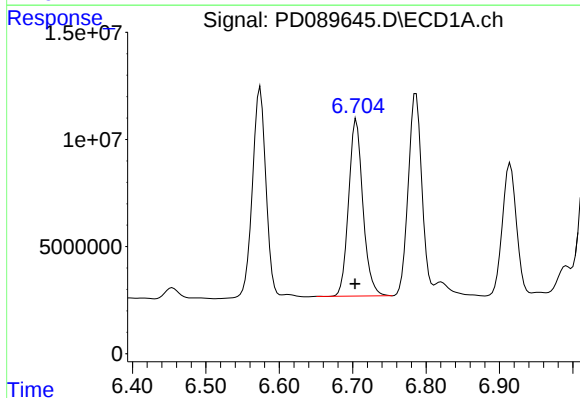
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



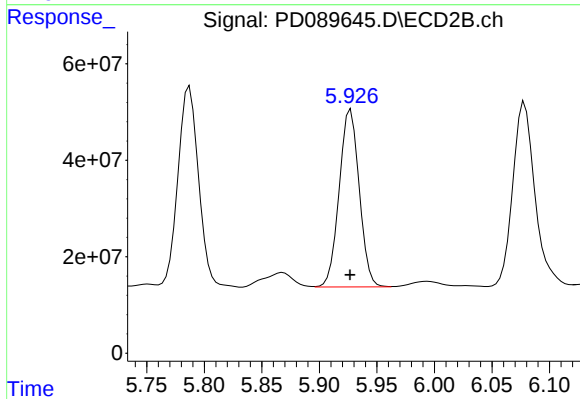
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 512828095
Conc: 22.33 ng/ml



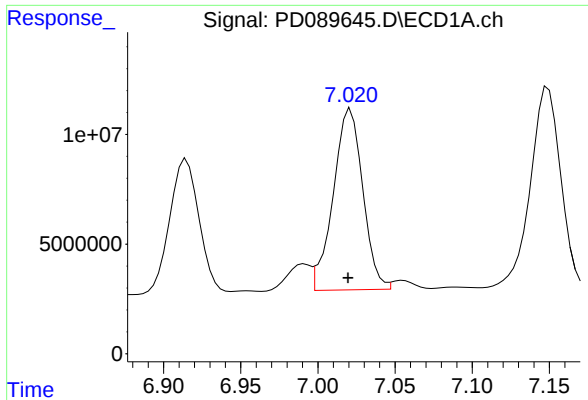
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.002 min
Response: 111793041
Conc: 32.99 ng/ml



#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: -0.001 min
Response: 447040570
Conc: 20.39 ng/ml m



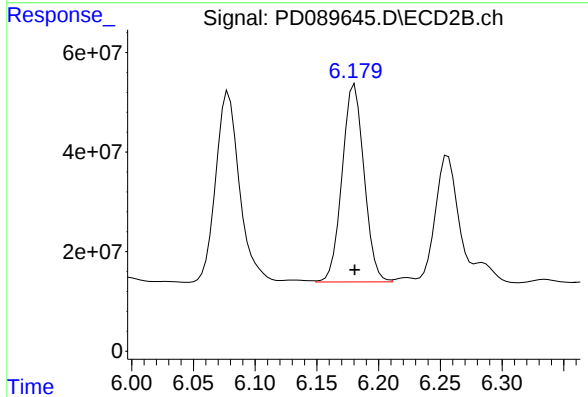
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 110236917
Conc: 29.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

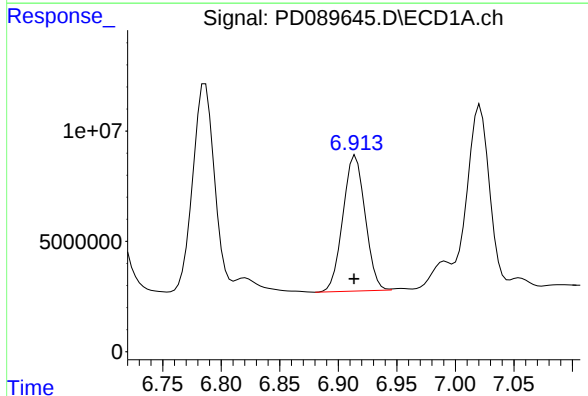
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



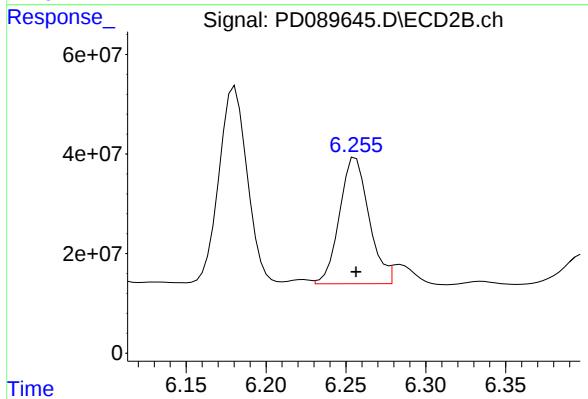
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 491537222
Conc: 21.00 ng/ml



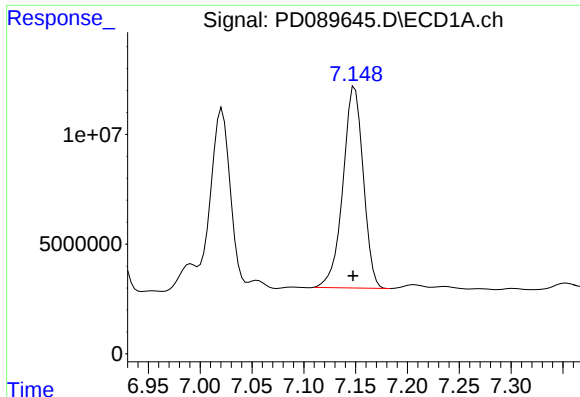
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 81288565
Conc: 27.88 ng/ml m



#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 325079447
Conc: 19.59 ng/ml



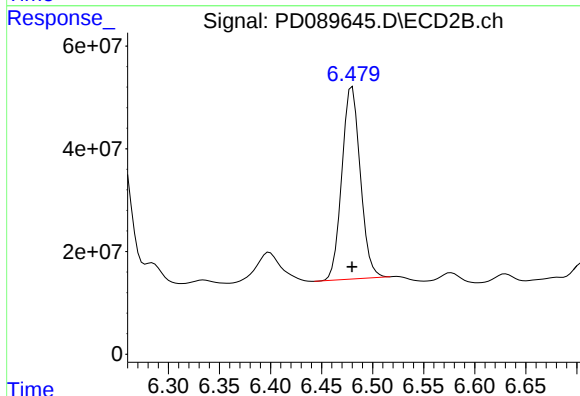
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 125310555
Conc: 33.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

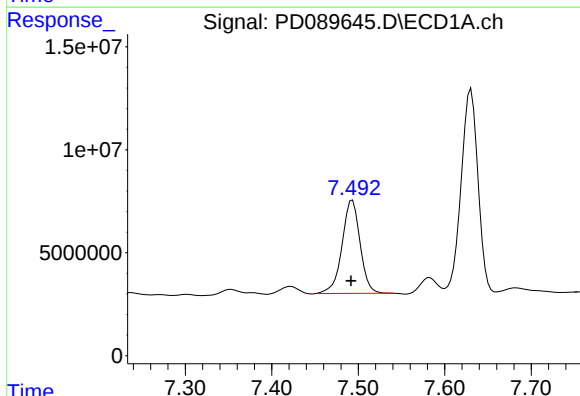
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



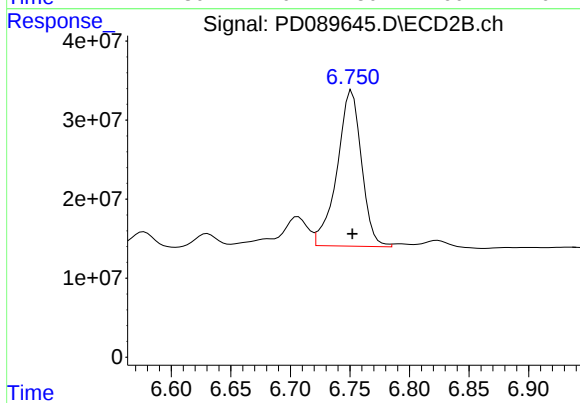
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 471868135
Conc: 21.26 ng/ml



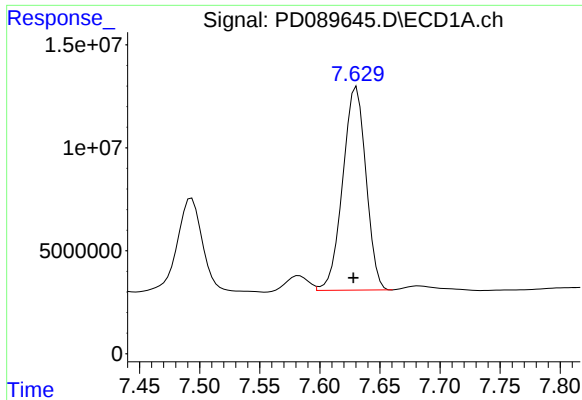
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.002 min
Response: 65233448
Conc: 32.54 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 281860417
Conc: 23.12 ng/ml



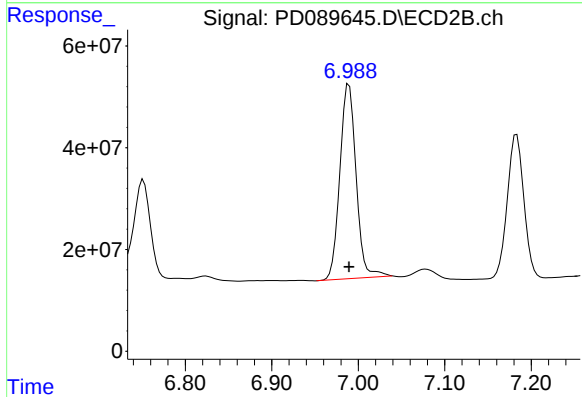
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.001 min
Response: 132960024
Conc: 33.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

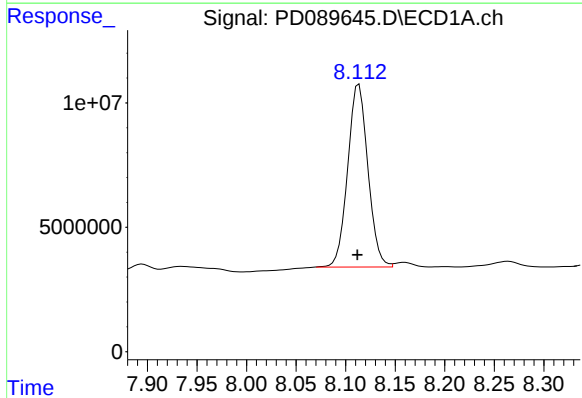
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



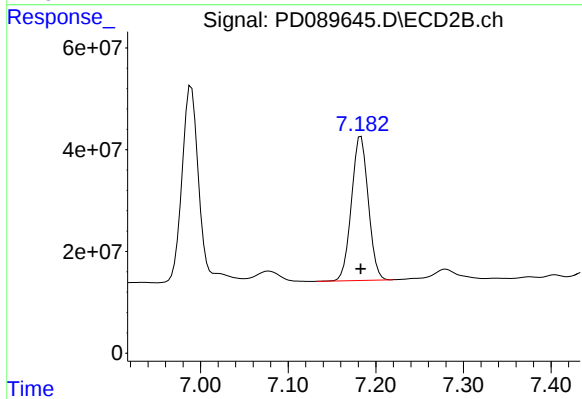
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 497738234
Conc: 20.33 ng/ml



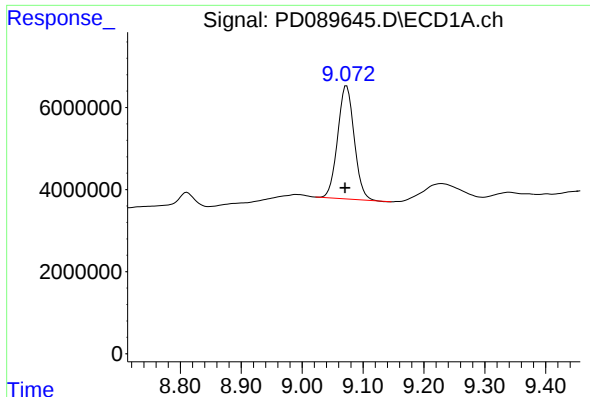
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.002 min
Response: 104314548
Conc: 33.91 ng/ml



#22 Mirex

R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 377193099
Conc: 19.51 ng/ml



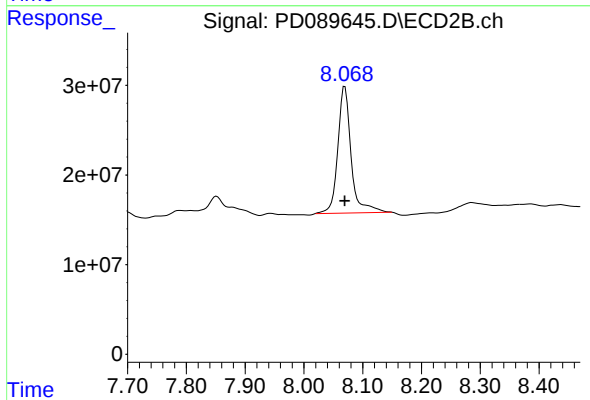
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.002 min
Response: 52112160
Conc: 12.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 222346627
Conc: 9.05 ng/ml