

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061825\
 Data File : PD088996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 16:33
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/18/2025
 Supervised By : mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 05:23:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:21:59 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...	3.549	2.881	68795424	418.3E6	24.860	26.178
28)	SA Decachlor...	9.072	8.072	97448897	485.7E6	25.827	26.355
Target Compounds							
2)	A alpha-BHC	3.999	3.393	135.4E6	653.8E6	23.056	25.294
3)	MA gamma-BHC...	4.330	3.729	130.5E6	605.5E6	23.451	25.496
4)	MA Heptachlor	4.929	4.083	127.9E6	617.9E6	23.870	25.830
5)	MB Aldrin	5.271	4.368	124.7E6	596.3E6	23.737	25.748
6)	B beta-BHC	4.515	4.025	53616740	265.6E6	25.082	26.044
7)	B delta-BHC	4.763	4.261	118.8E6	607.5E6	22.920	25.397
8)	B Heptachlo...	5.690	4.872	113.9E6	542.4E6	23.974	26.042
9)	A Endosulfan I	6.074	5.247	107.2E6	518.8E6	24.301	26.860
10)	B gamma-Chl...	5.945	5.125	112.7E6	587.3E6	23.901	26.082
11)	B alpha-Chl...	6.026	5.190	114.6E6	562.9E6	24.207	26.097
12)	B 4,4'-DDE	6.195	5.375	102.3E6	564.1E6	23.724	25.848
13)	MA Dieldrin	6.346	5.513	113.2E6	573.5E6	23.828	25.928
14)	MA Endrin	6.574	5.787	96953033	531.9E6	23.668	25.765m
15)	B Endosulfa...	6.786	6.080	95412213	500.1E6	23.841	26.199
16)	A 4,4'-DDD	6.704	5.929	80716755	470.1E6	23.642	25.845
17)	MA 4,4'-DDT	7.020	6.183	89516720	500.1E6	23.786	25.525
18)	B Endrin al...	6.914	6.258	74170726	379.9E6	25.022	26.419
19)	B Endosulfa...	7.148	6.481	91685883	485.2E6	24.504	26.239
20)	A Methoxychlor	7.492	6.753	49551931	270.8E6	25.134	26.394
21)	B Endrin ke...	7.629	6.990	97399015	538.4E6	24.320	26.331
22)	Mirex	8.113	7.184	74764205	414.2E6	25.753	26.583

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061825\
Data File : PD088996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:33
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC025

Manual Integrations

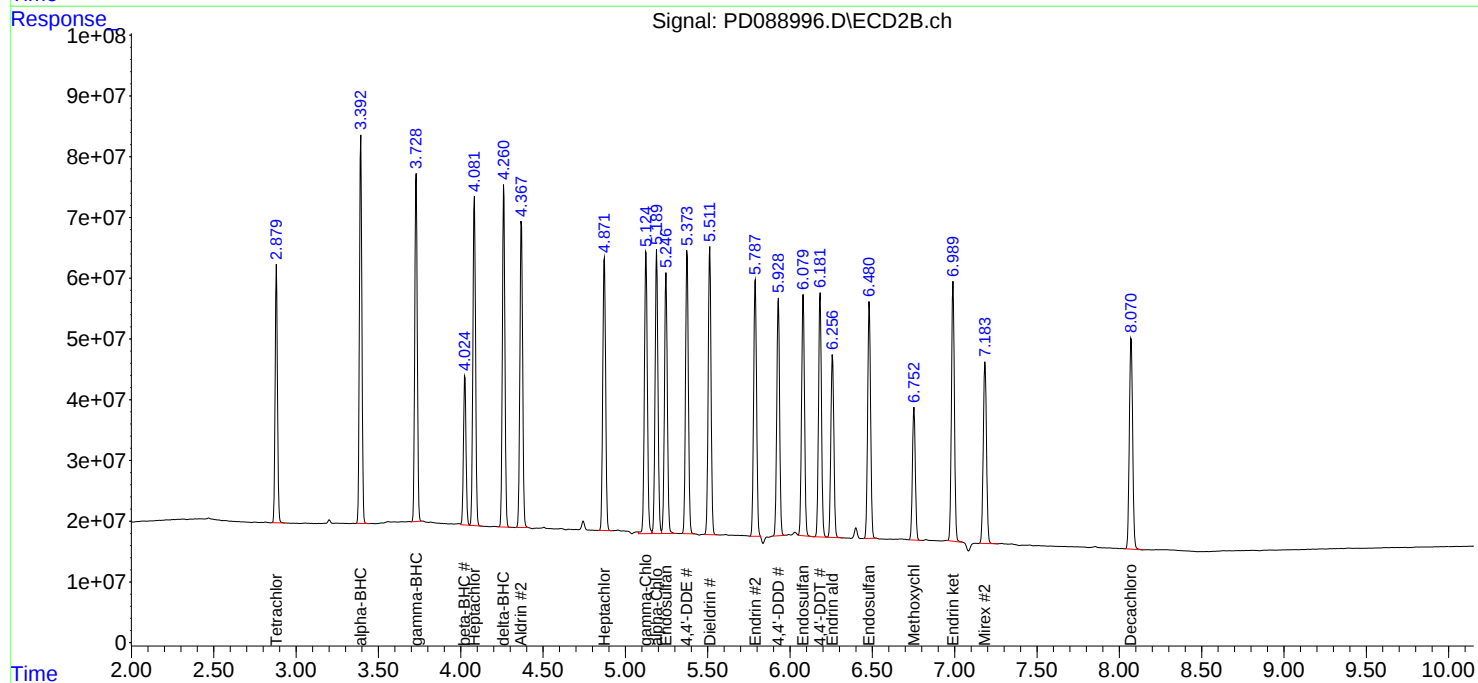
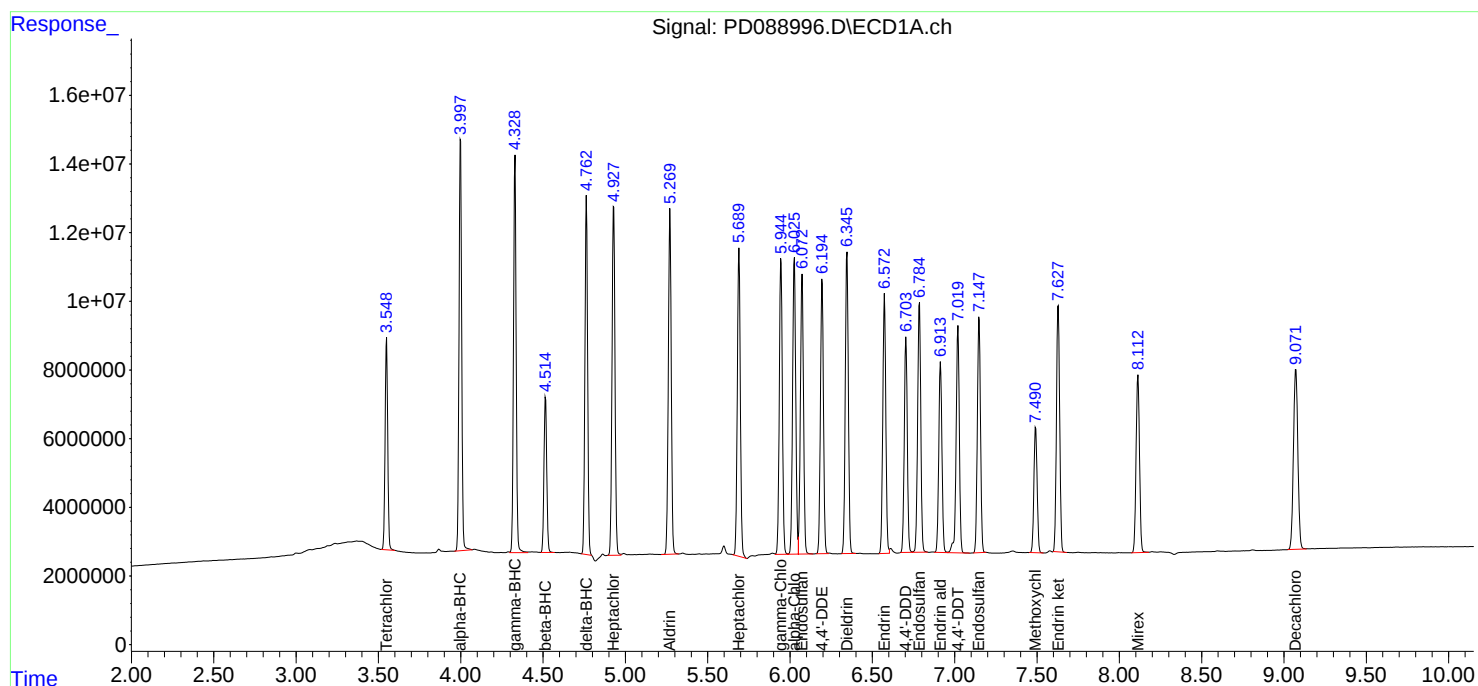
APPROVED

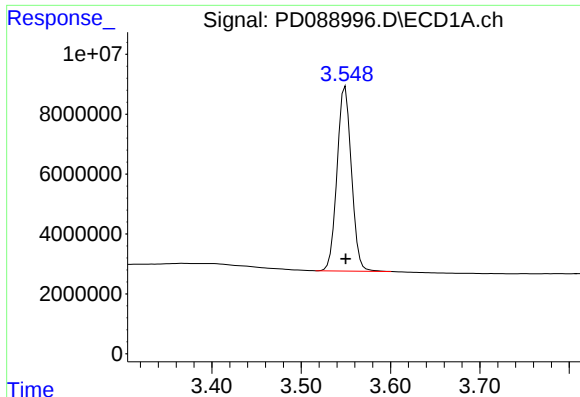
Reviewed By :Abdul Mirza 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 05:23:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:21:59 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





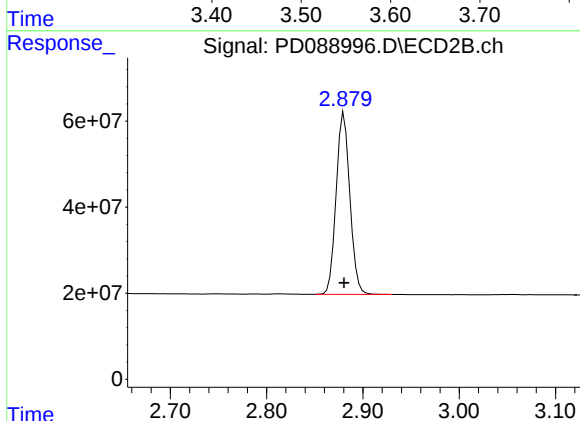
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 68795424
Conc: 24.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

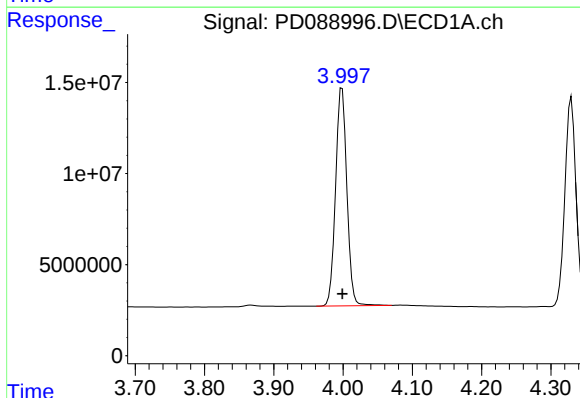
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



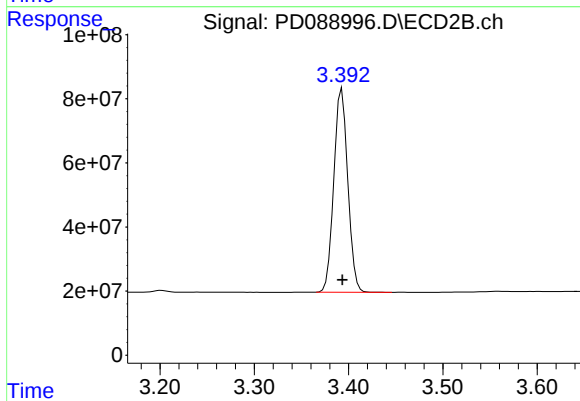
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 418273738
Conc: 26.18 ng/ml



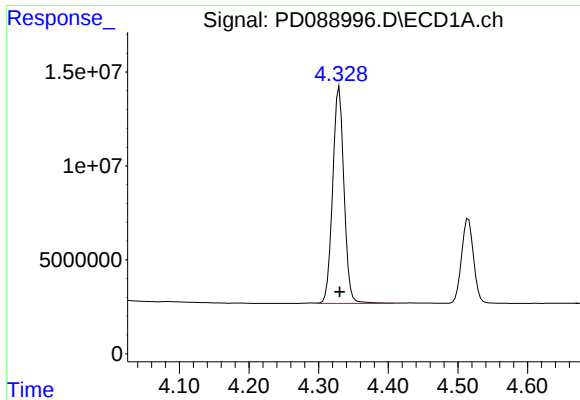
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 135447729
Conc: 23.06 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 653826479
Conc: 25.29 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 130542138
Conc: 23.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

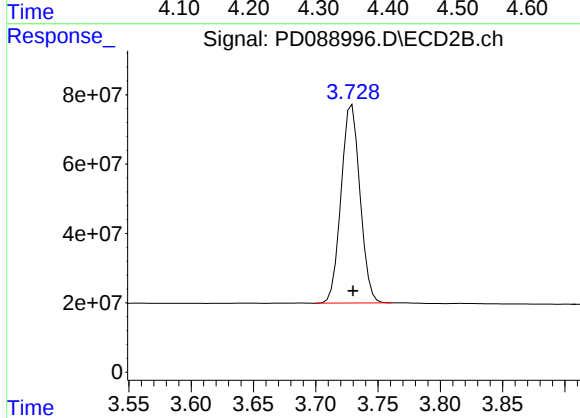
PSTDICC025

Manual Integrations

APPROVED

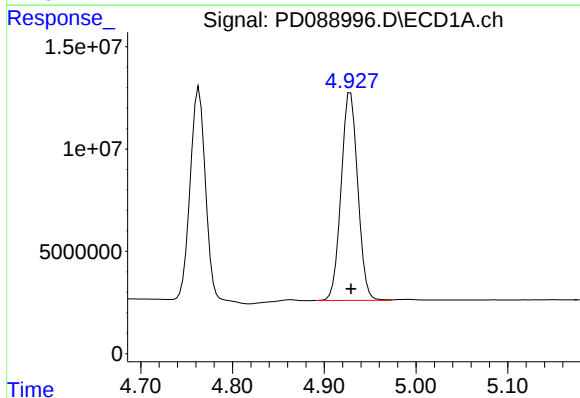
Reviewed By :Abdul Mirza 06/18/2025

Supervised By :mohammad ahmed 06/19/2025



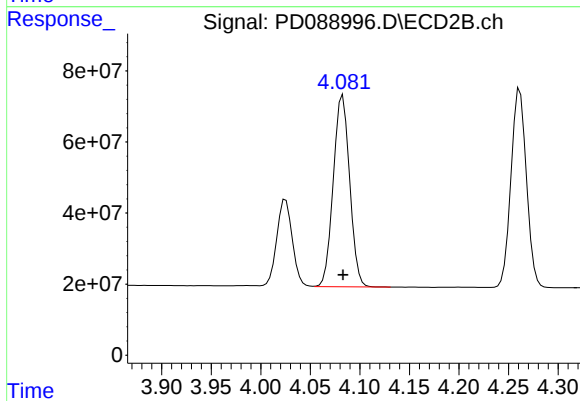
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 605536892
Conc: 25.50 ng/ml



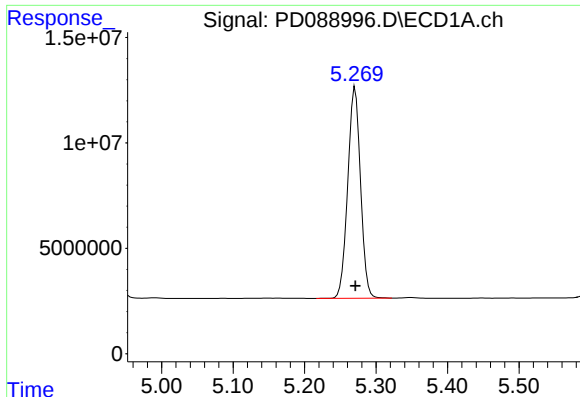
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 127907853
Conc: 23.87 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 617900048
Conc: 25.83 ng/ml



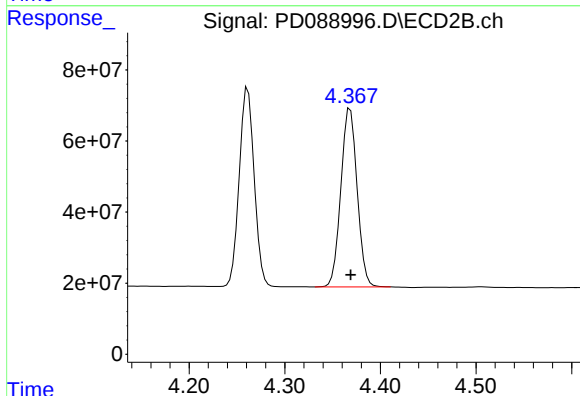
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 124732576
Conc: 23.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

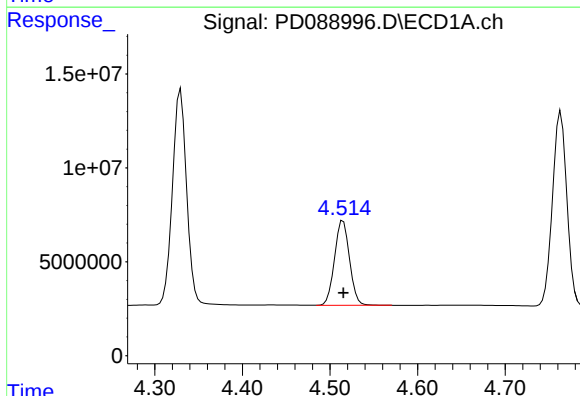
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



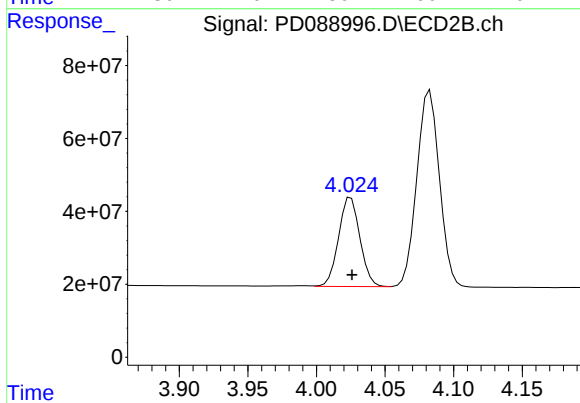
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 596319932
Conc: 25.75 ng/ml



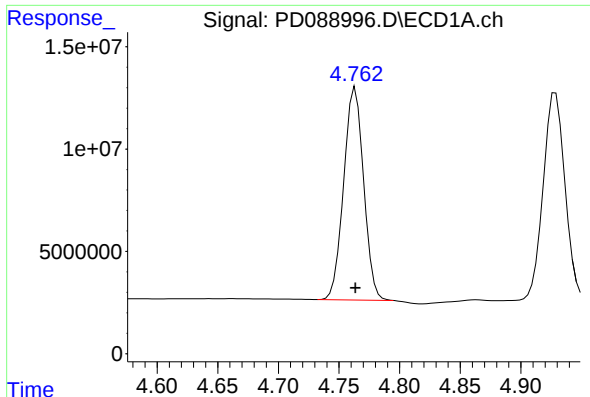
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 53616740
Conc: 25.08 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 265601460
Conc: 26.04 ng/ml



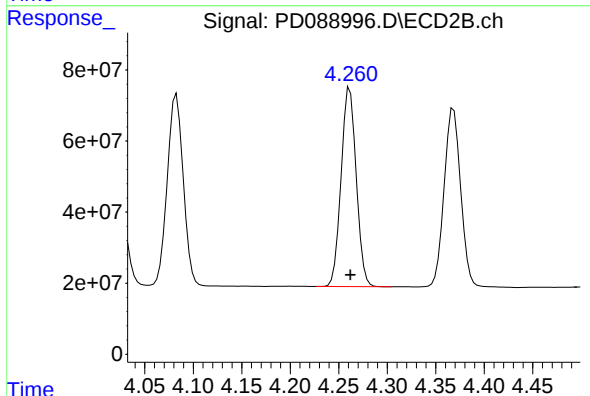
#7 delta-BHC

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 118779756
Conc: 22.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

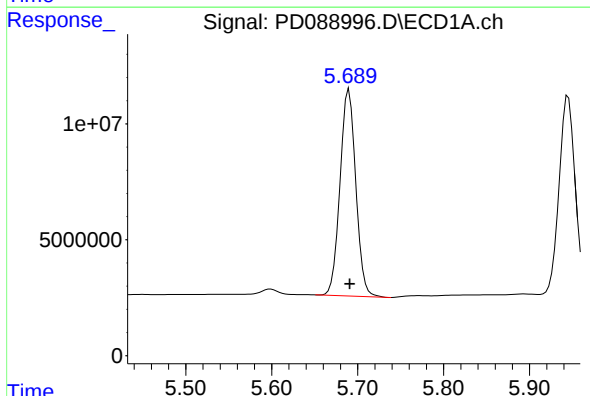
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



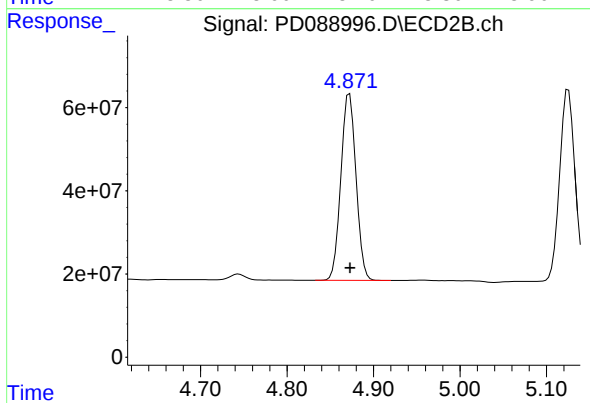
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 607458739
Conc: 25.40 ng/ml



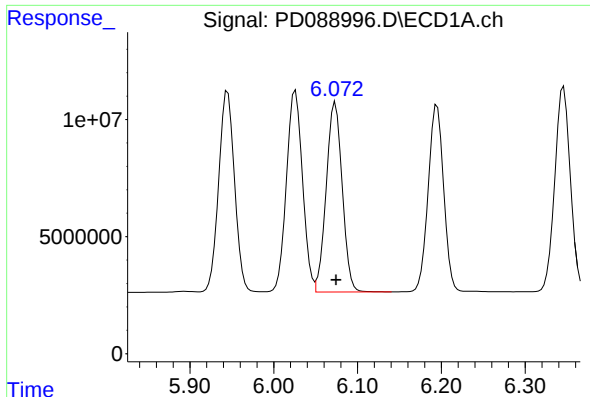
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 113867318
Conc: 23.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 542382485
Conc: 26.04 ng/ml



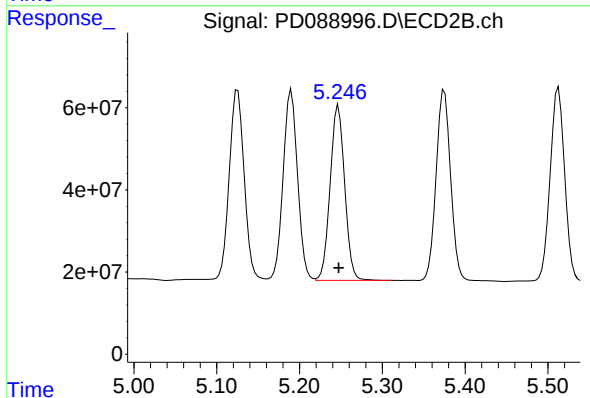
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 107230080
Conc: 24.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

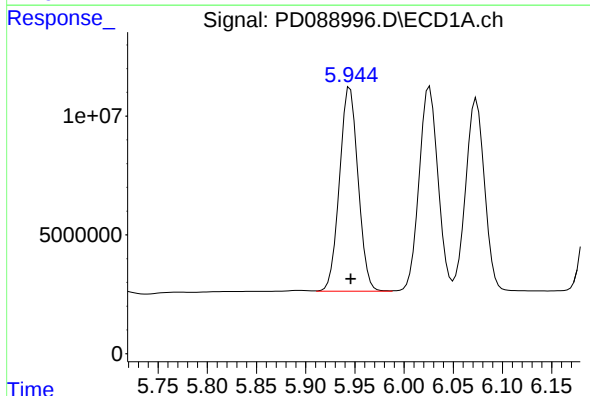
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



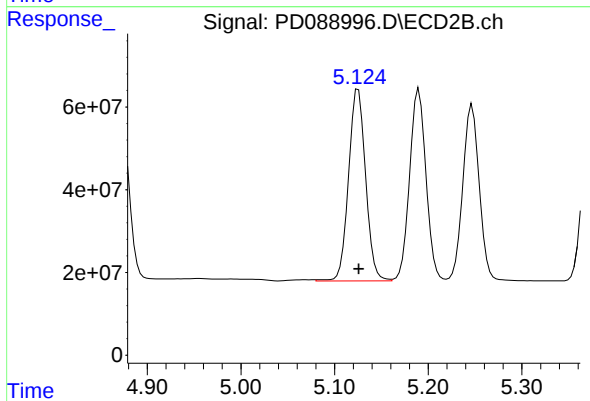
#9 Endosulfan I

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 518823159
Conc: 26.86 ng/ml



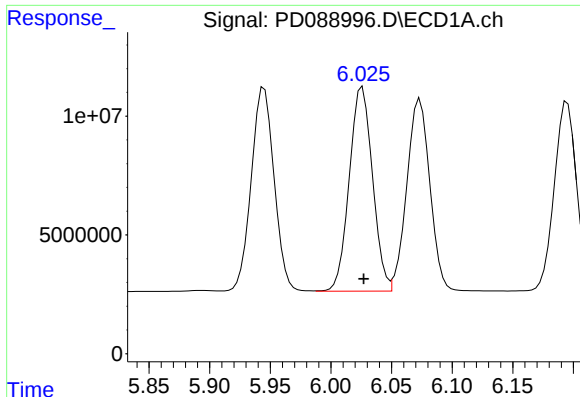
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 112720219
Conc: 23.90 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 587342881
Conc: 26.08 ng/ml



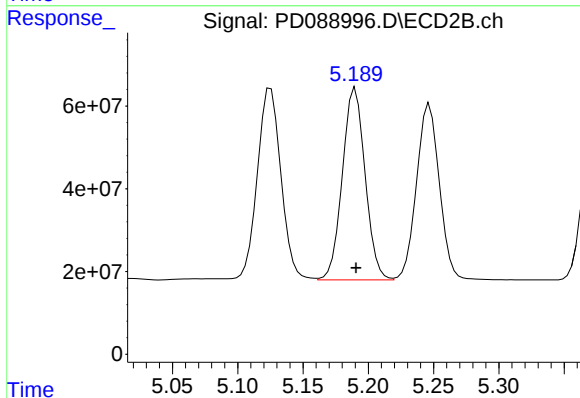
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.001 min
Response: 114609874
Conc: 24.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

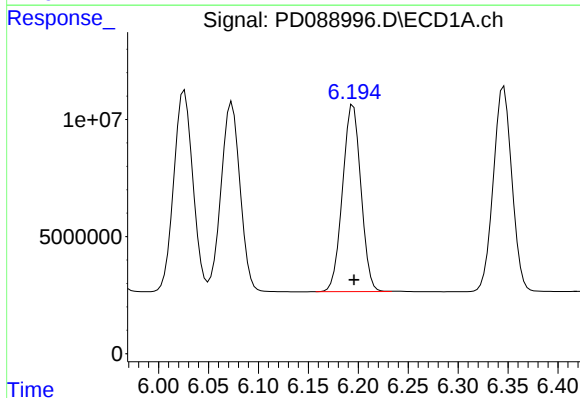
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



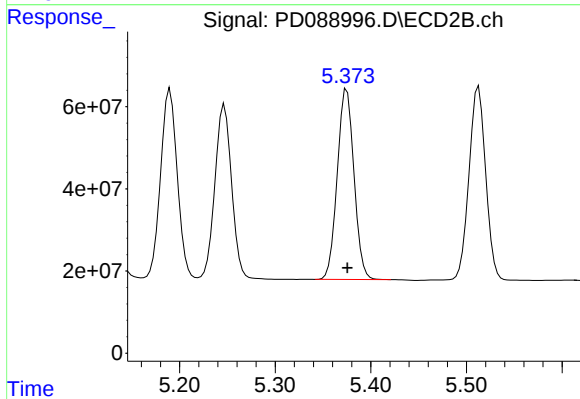
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 562930690
Conc: 26.10 ng/ml



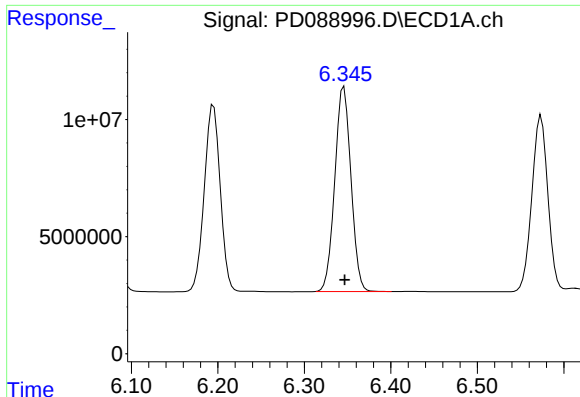
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 102307711
Conc: 23.72 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 564101579
Conc: 25.85 ng/ml



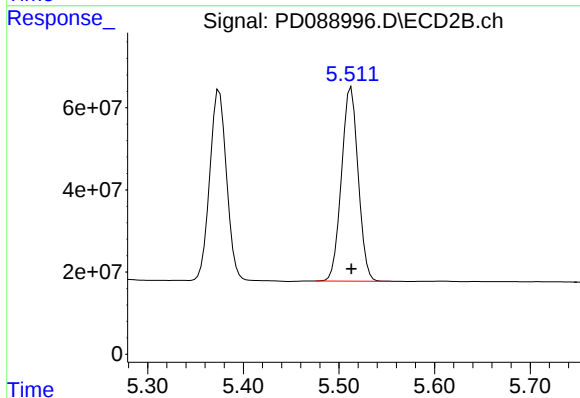
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 113187779
Conc: 23.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

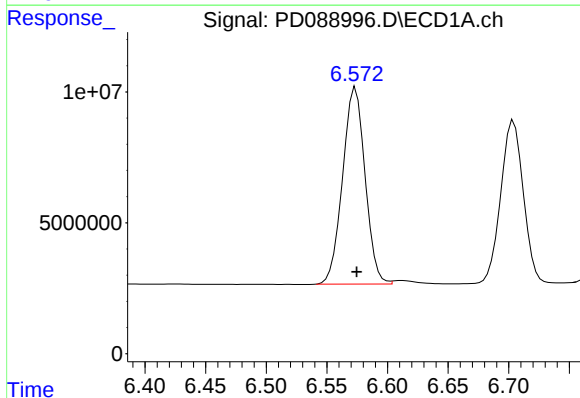
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



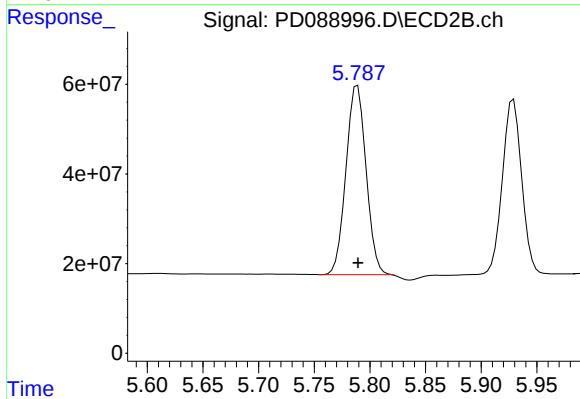
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 573545021
Conc: 25.93 ng/ml



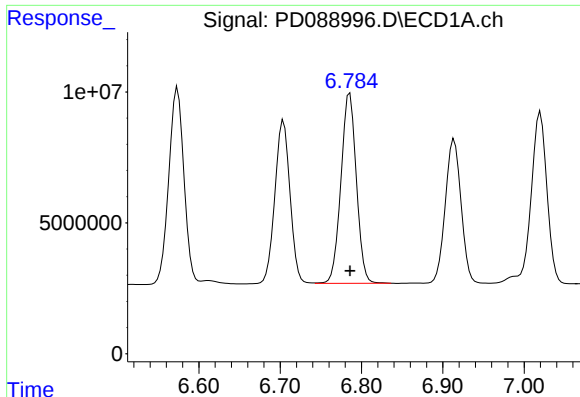
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 96953033
Conc: 23.67 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 531911663
Conc: 25.77 ng/ml m



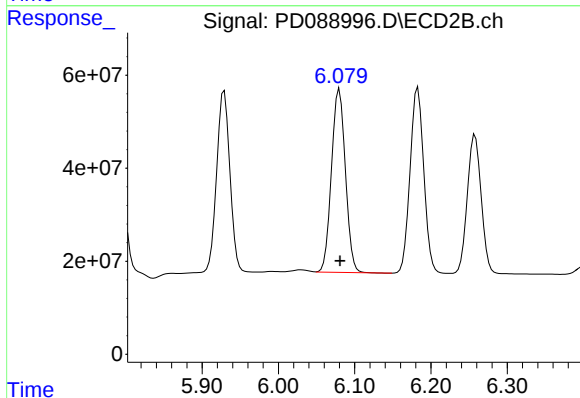
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 95412213
Conc: 23.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

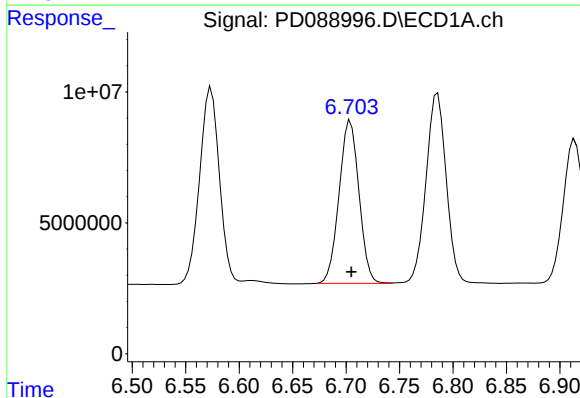
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



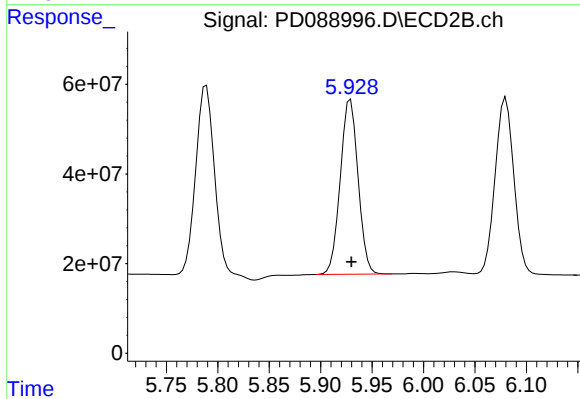
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 500058034
Conc: 26.20 ng/ml



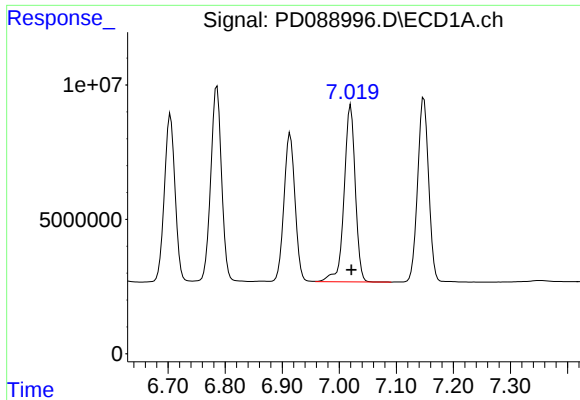
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.001 min
Response: 80716755
Conc: 23.64 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 470144982
Conc: 25.84 ng/ml



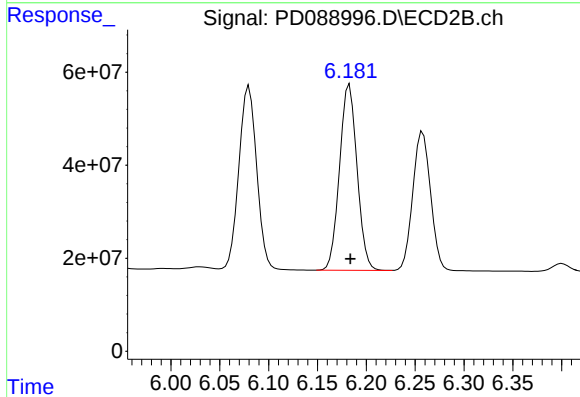
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.001 min
Response: 89516720
Conc: 23.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

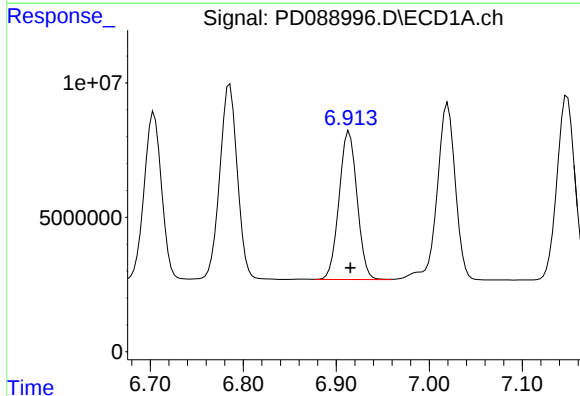
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



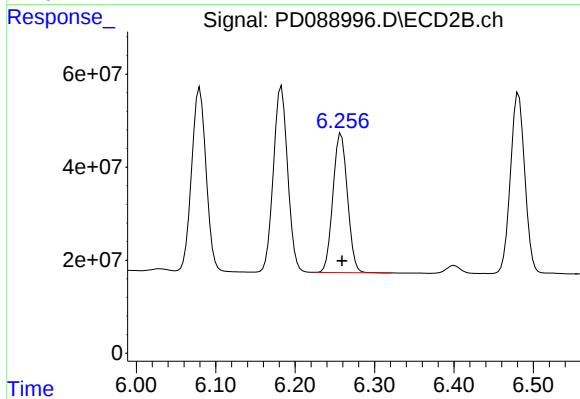
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 500130733
Conc: 25.52 ng/ml



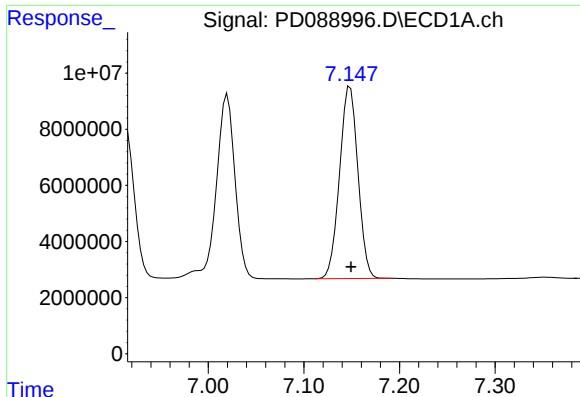
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.001 min
Response: 74170726
Conc: 25.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 379888475
Conc: 26.42 ng/ml



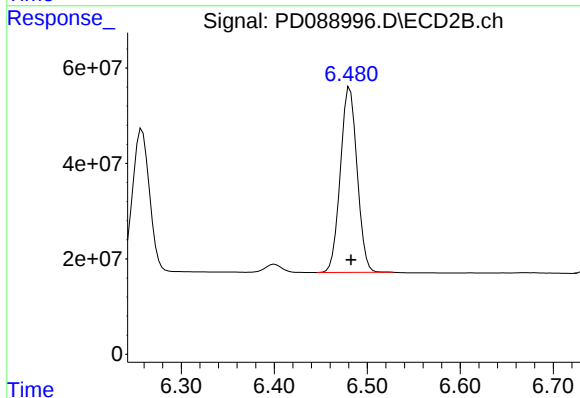
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: -0.001 min
Response: 91685883
Conc: 24.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

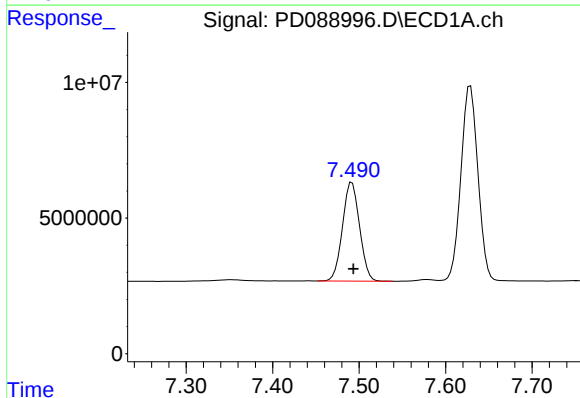
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



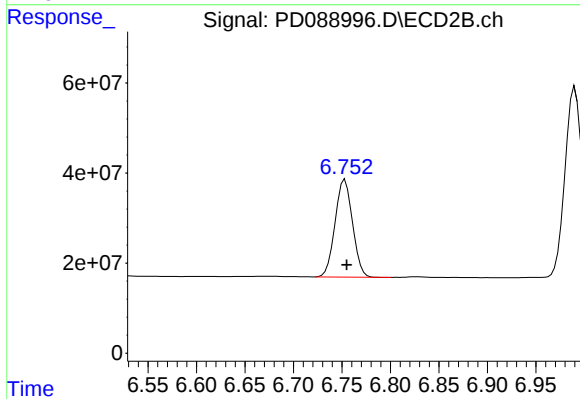
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.001 min
Response: 485230575
Conc: 26.24 ng/ml



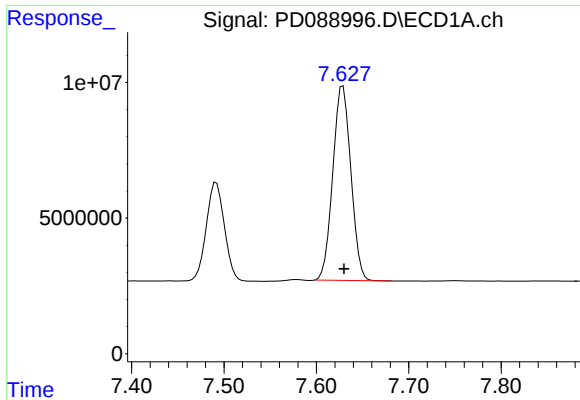
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 49551931
Conc: 25.13 ng/ml



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 270772800
Conc: 26.39 ng/ml



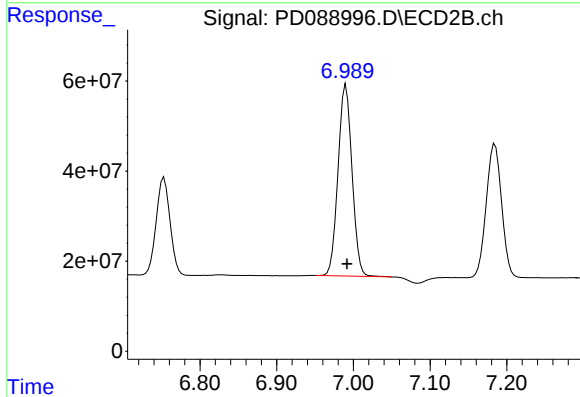
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.001 min
Response: 97399015
Conc: 24.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

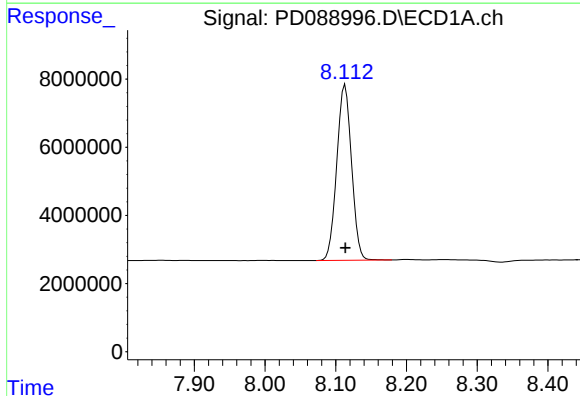
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



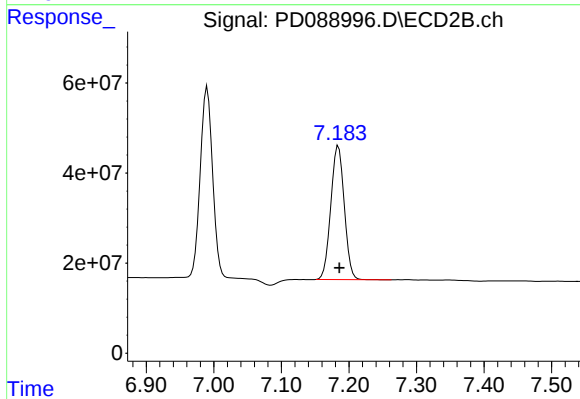
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 538381272
Conc: 26.33 ng/ml



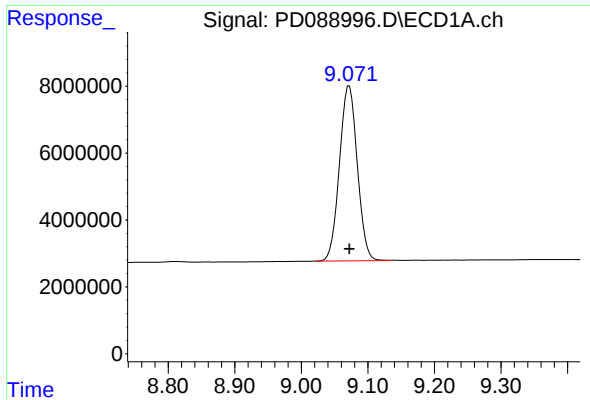
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 74764205
Conc: 25.75 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 414205523
Conc: 26.58 ng/ml



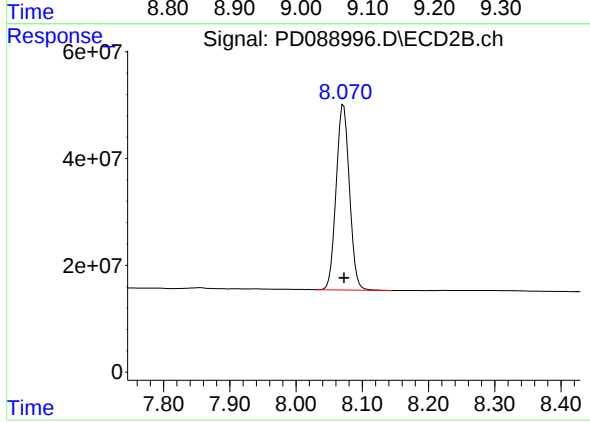
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 97448897
Conc: 25.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 485687735
Conc: 26.36 ng/ml