

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
 Data File : PD089271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jul 2025 14:47
 Operator : AR\AJ
 Sample : PB168672BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB168672BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/02/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 02 01:46:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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	94053493	595.7E6	32.965	35.139m
28)	SA Decachlor...	9.073	8.070	130.7E6	649.6E6	33.274	32.858m
Target Compounds							
2)	A alpha-BHC	4.000	3.392	475.0E6	2129.9E6	81.496	79.481m
3)	MA gamma-BHC...	4.331	3.728	454.0E6	1949.1E6	81.340	78.729m
4)	MA Heptachlor	4.930	4.082	423.4E6	1844.3E6	77.667	73.657
5)	MB Aldrin	5.272	4.368	421.9E6	1896.9E6	79.413	78.327
6)	B beta-BHC	4.516	4.025	167.3E6	502.1E6	75.813	46.724 #
7)	B delta-BHC	4.765	4.261	445.7E6	1957.7E6	86.840	78.705
8)	B Heptachlo...	5.690	4.872	320.1E6	1808.5E6	66.350	82.586
9)	A Endosulfan I	6.075	5.245	338.0E6	1578.2E6	74.983	75.723m
10)	B gamma-Chl...	5.946	5.124	358.3E6	1821.1E6	74.827	76.124m
11)	B alpha-Chl...	6.027	5.188	359.4E6	1730.6E6	74.277	75.581m
12)	B 4,4'-DDE	6.196	5.375	283.8E6	1796.5E6	65.085	78.395
13)	MA Dieldrin	6.348	5.511	360.5E6	1761.3E6	75.137	75.889m
14)	MA Endrin	6.575	5.789	298.2E6	1658.3E6	72.288	76.370
15)	B Endosulfa...	6.786	6.080	298.3E6	1574.8E6	73.910	77.974
16)	A 4,4'-DDD	6.706	5.929	255.4E6	1457.5E6	74.426	76.190
17)	MA 4,4'-DDT	7.021	6.182	231.4E6	1338.2E6	61.087	65.988m
18)	B Endrin al...	6.916	6.257	222.1E6	1109.0E6	72.496	72.431m
19)	B Endosulfa...	7.150	6.481	256.0E6	1378.7E6	66.703	70.265
20)	A Methoxychlor	7.493	6.753	118.8E6	717.2E6	58.775	66.604
21)	B Endrin ke...	7.631	6.991	299.9E6	1617.7E6	73.624	74.889
22)	Mirex	8.114	7.184	204.7E6	1091.7E6	67.339	65.457

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070225\
Data File : PD089271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jul 2025 14:47
Operator : AR\AJ
Sample : PB168672BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

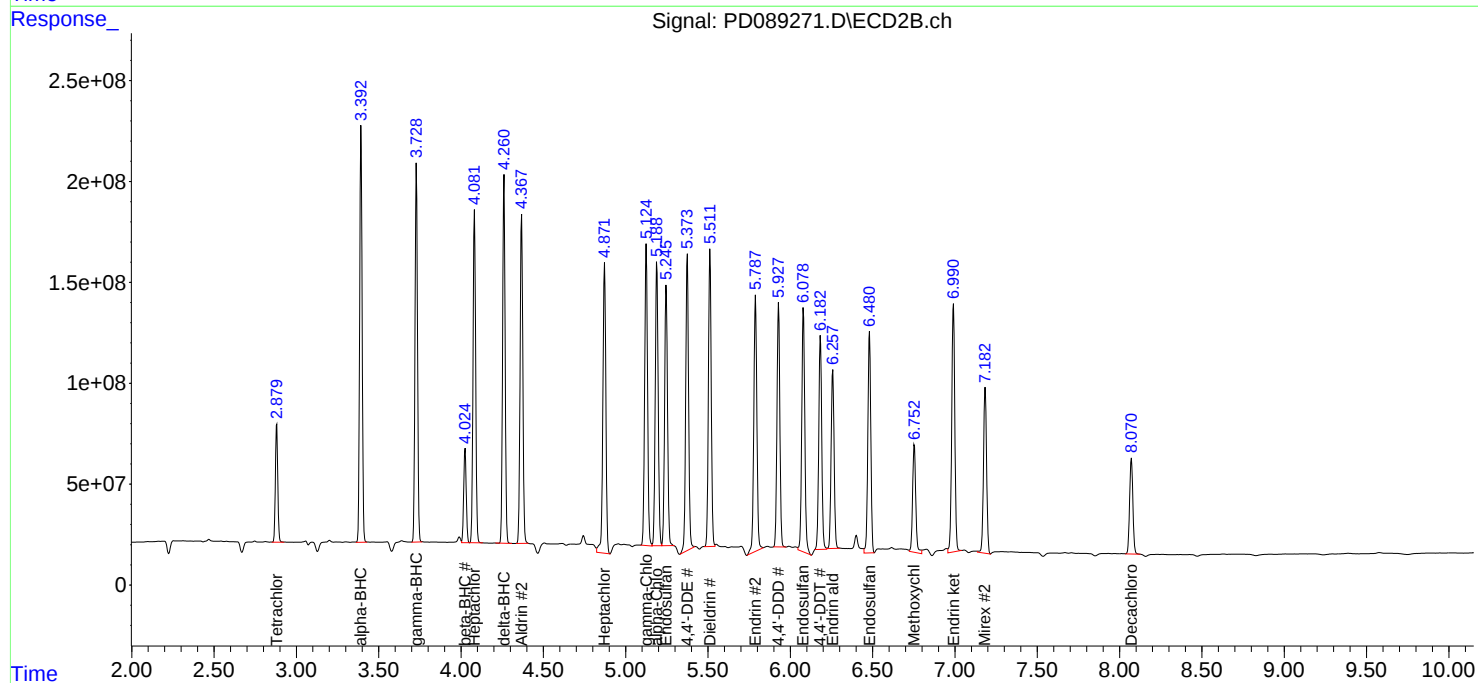
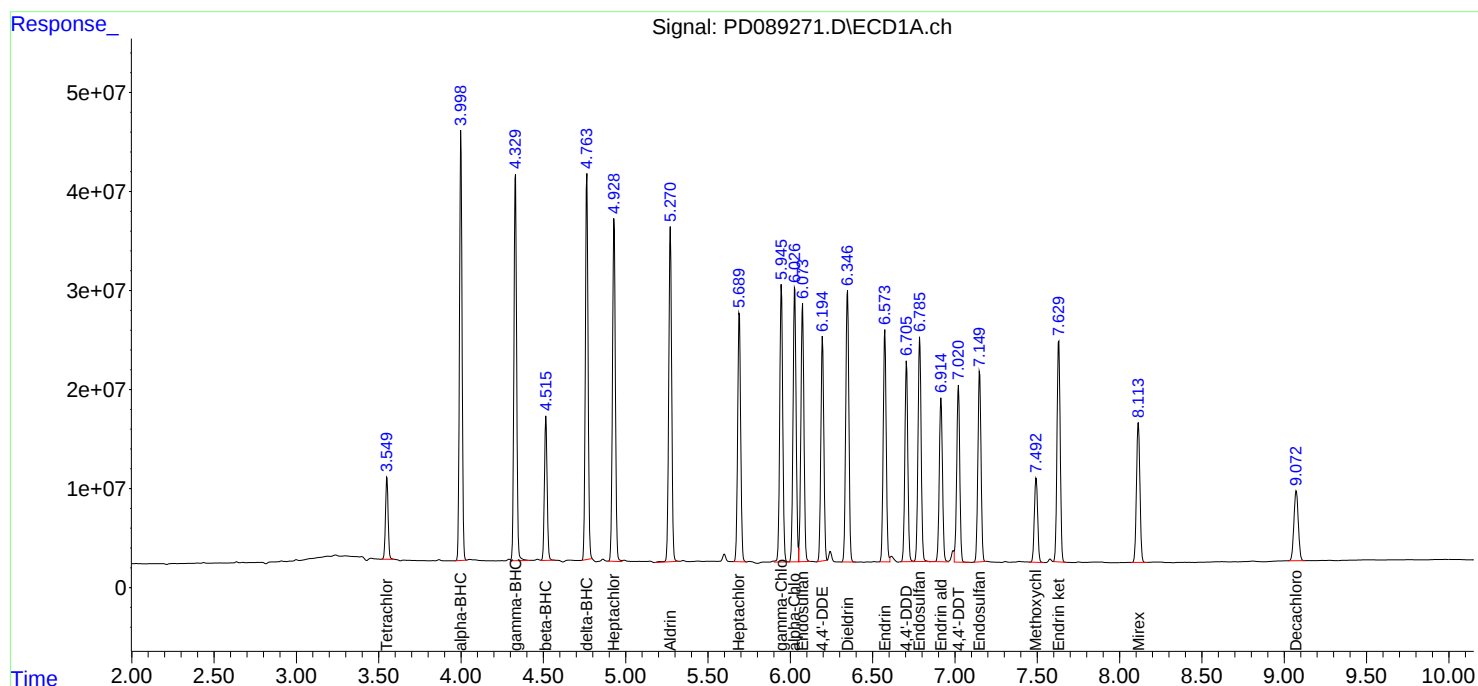
Instrument :
ECD_D
ClientSampleId :
PB168672BS

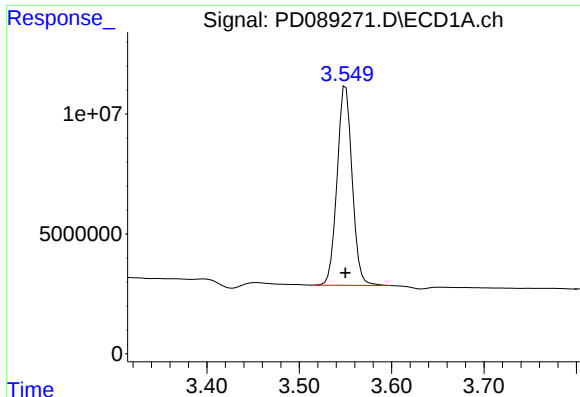
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 02 01:46:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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





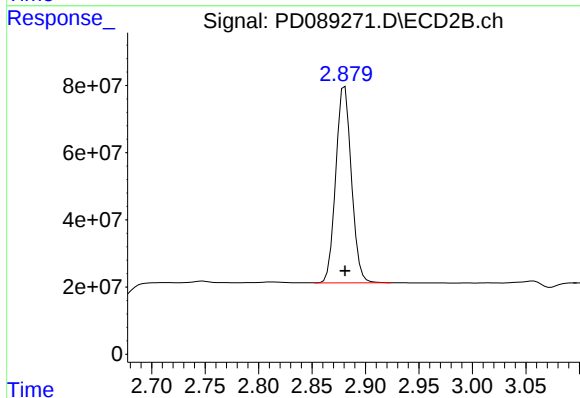
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 94053493
Conc: 32.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

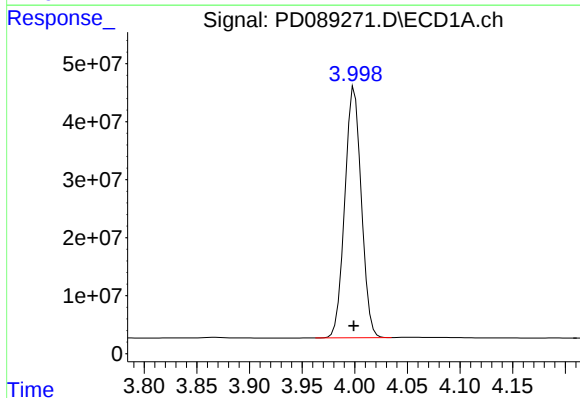
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



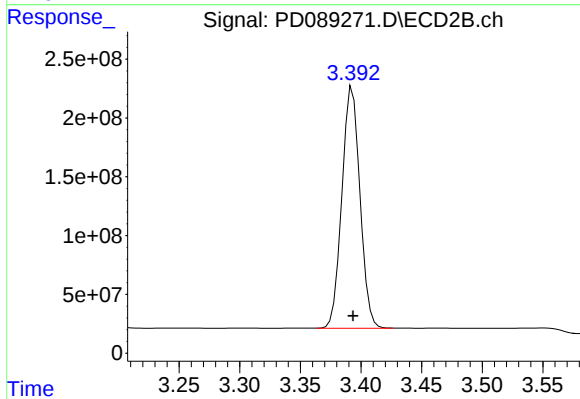
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 595712449
Conc: 35.14 ng/ml m



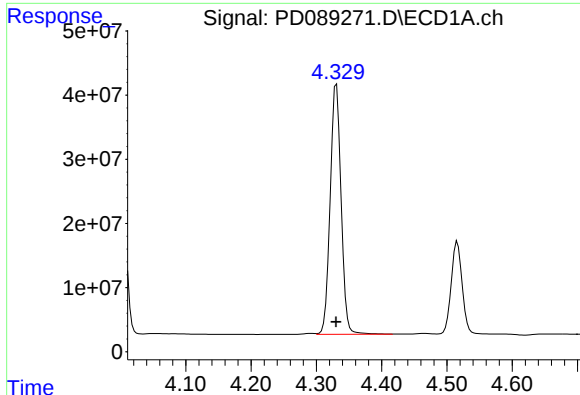
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 475047678
Conc: 81.50 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 2129866361
Conc: 79.48 ng/ml m



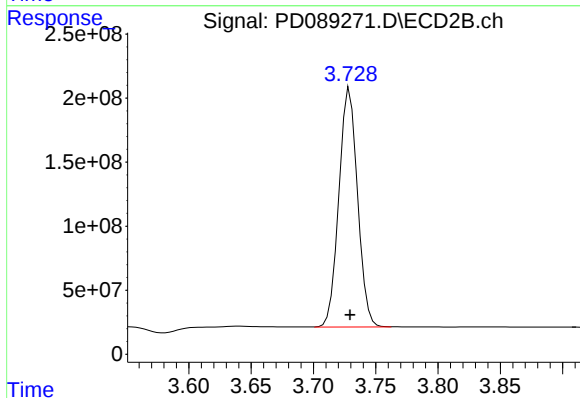
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 454015434
Conc: 81.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

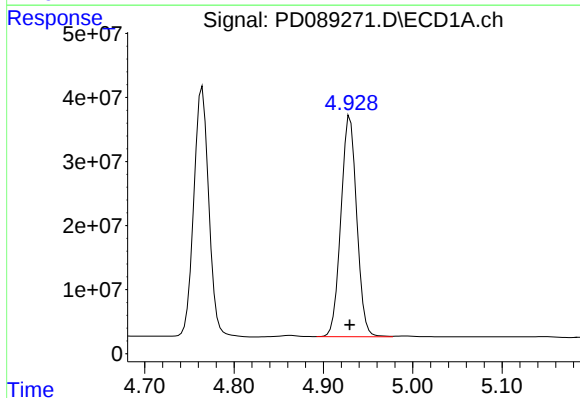
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



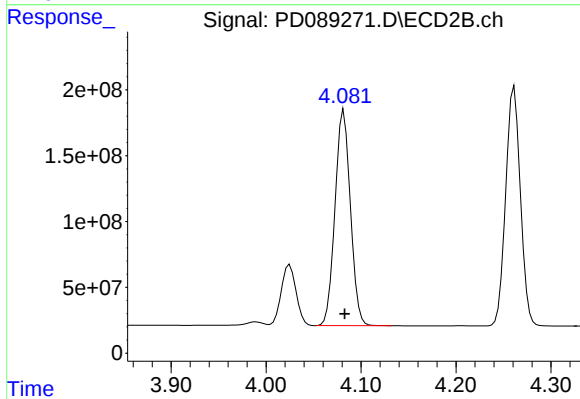
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.002 min
Response: 1949098467
Conc: 78.73 ng/ml m



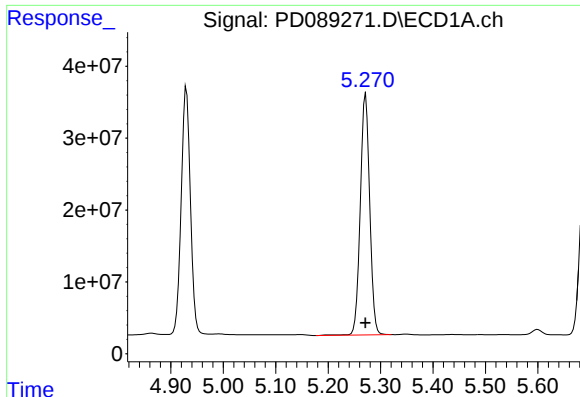
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 423437540
Conc: 77.67 ng/ml



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 1844254957
Conc: 73.66 ng/ml



#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 421918997
Conc: 79.41 ng/ml

Instrument :

ECD_D

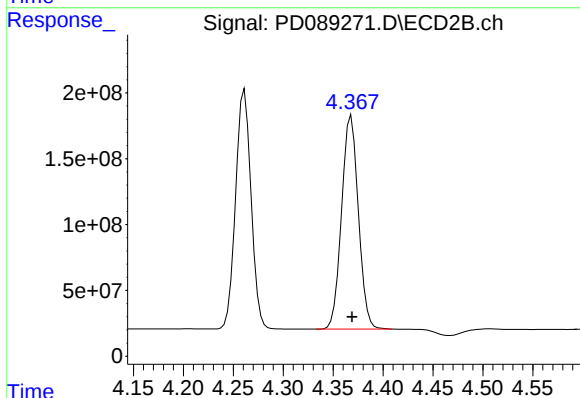
ClientSampleId :

PB168672BS

Manual Integrations

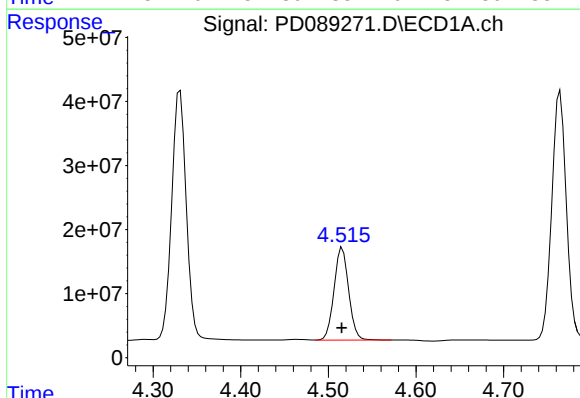
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



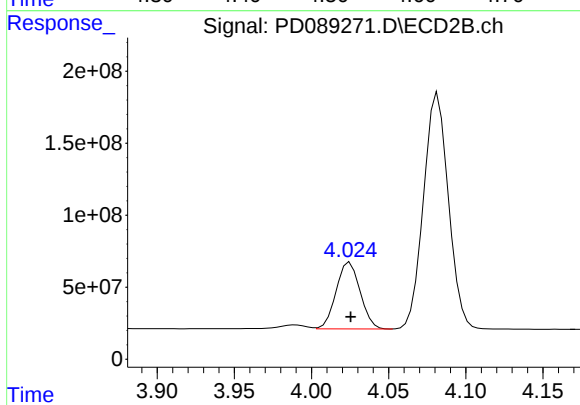
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 1896862442
Conc: 78.33 ng/ml



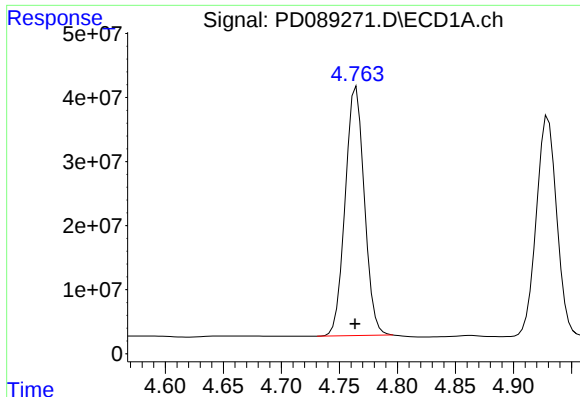
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 167330316
Conc: 75.81 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 502107523
Conc: 46.72 ng/ml



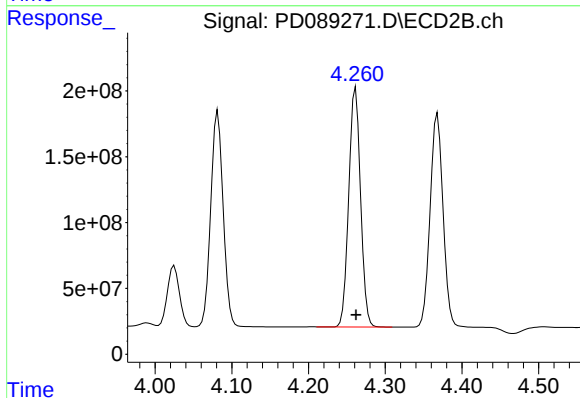
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 445740198
Conc: 86.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

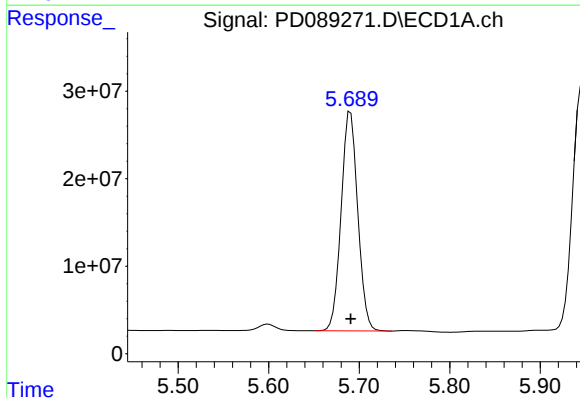
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



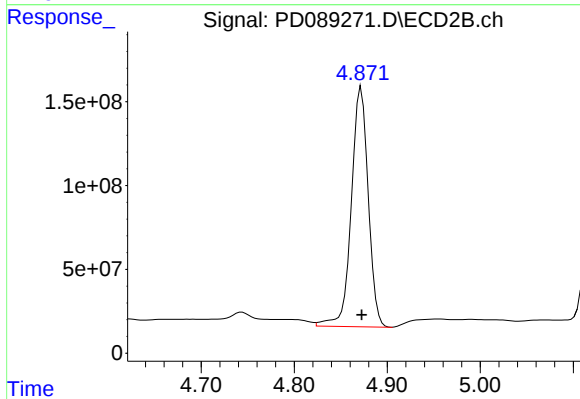
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 1957669518
Conc: 78.70 ng/ml



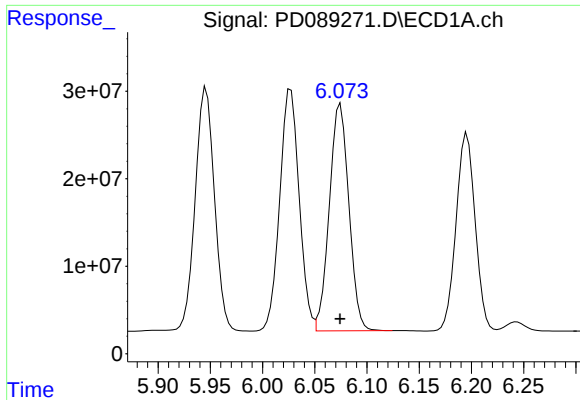
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 320070134
Conc: 66.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 1808478920
Conc: 82.59 ng/ml



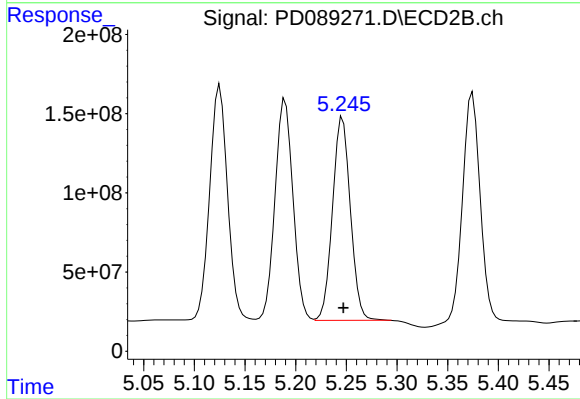
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 337981433
Conc: 74.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

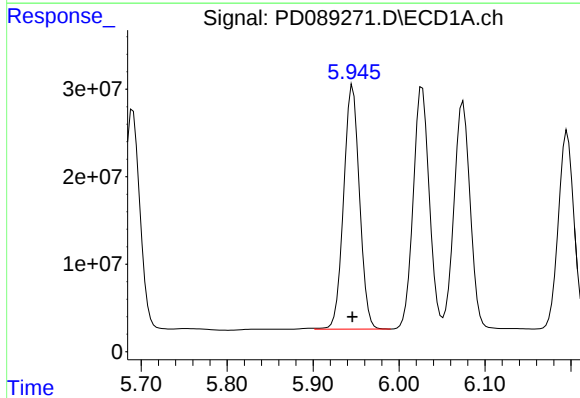
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



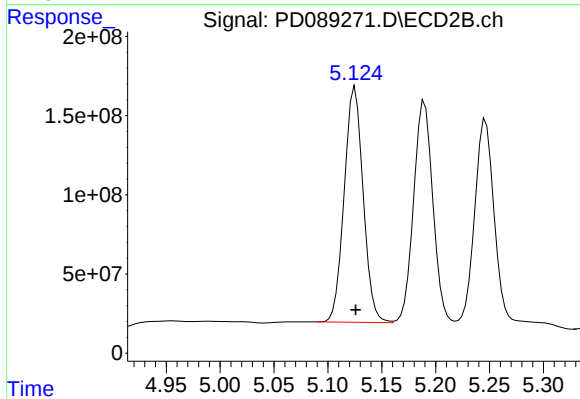
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 1578246783
Conc: 75.72 ng/ml m



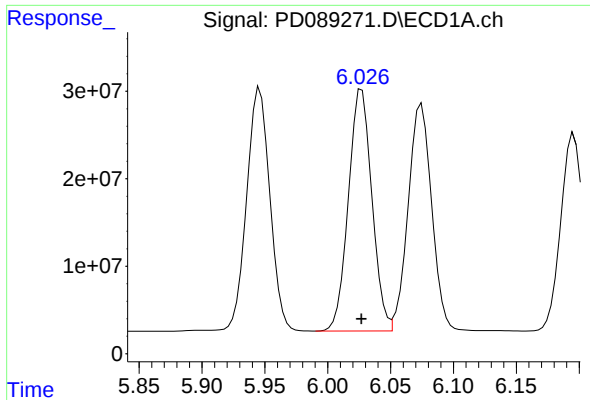
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 358279195
Conc: 74.83 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 1821094120
Conc: 76.12 ng/ml m



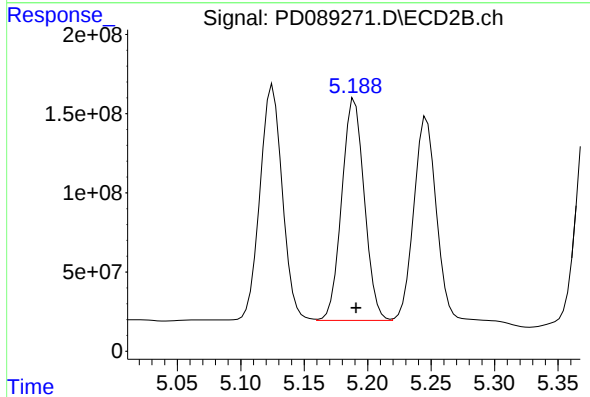
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 359390336
Conc: 74.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

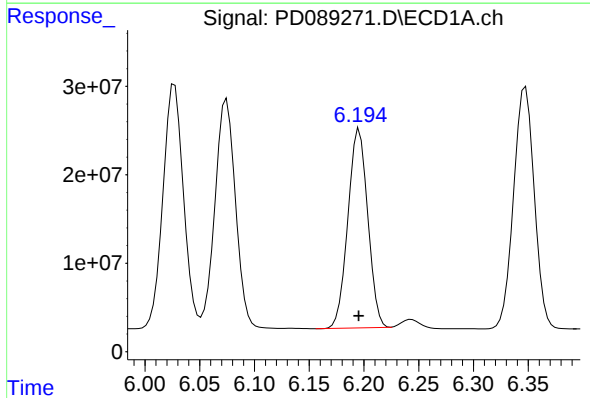
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



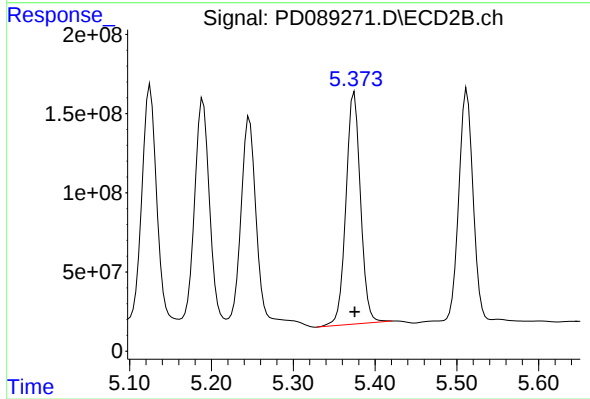
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 1730566954
Conc: 75.58 ng/ml m



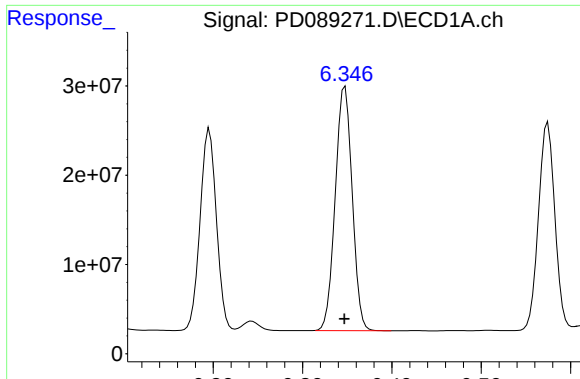
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 283837533
Conc: 65.08 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 1796509075
Conc: 78.40 ng/ml



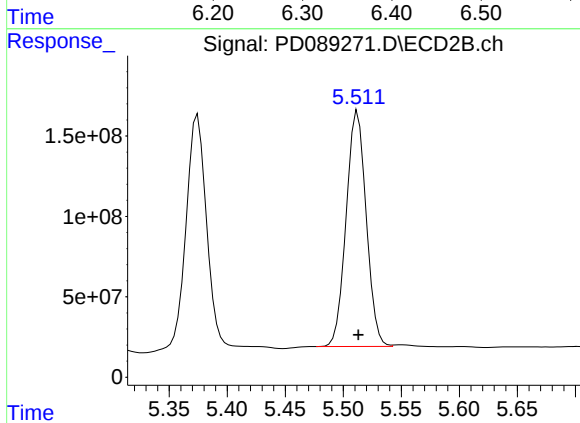
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 360468488
Conc: 75.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

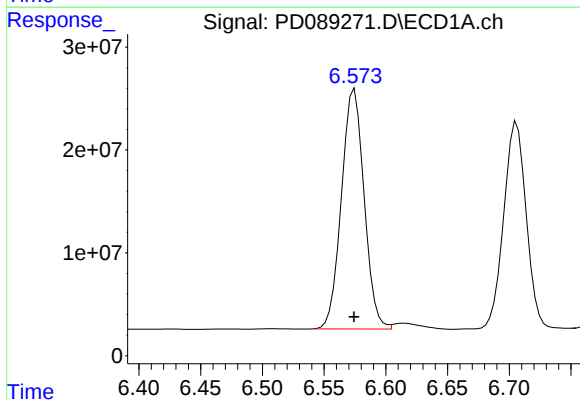
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



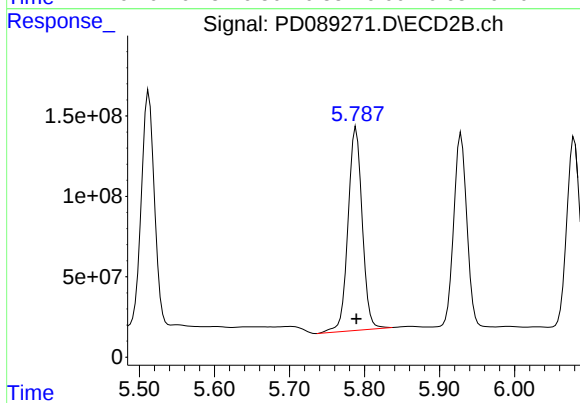
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 1761256878
Conc: 75.89 ng/ml m



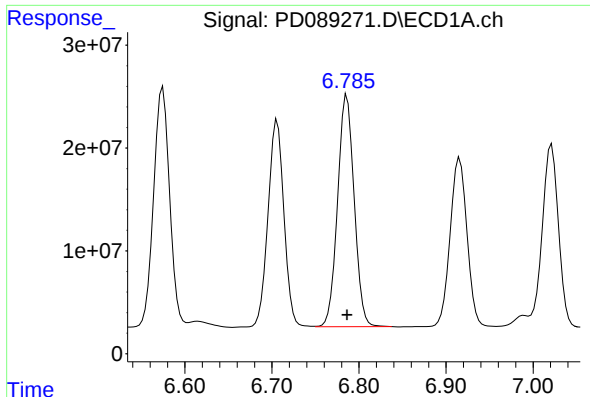
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 298231442
Conc: 72.29 ng/ml



#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1658293879
Conc: 76.37 ng/ml



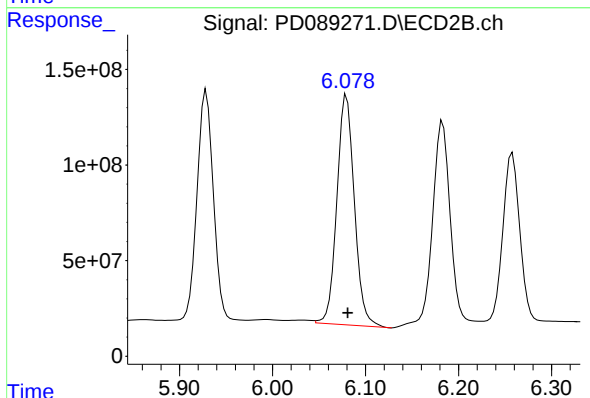
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 298344901
Conc: 73.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

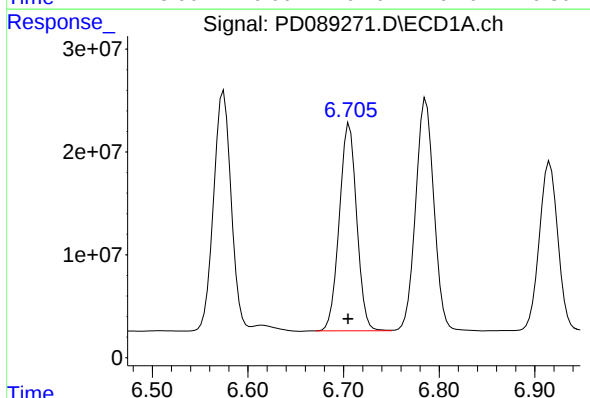
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



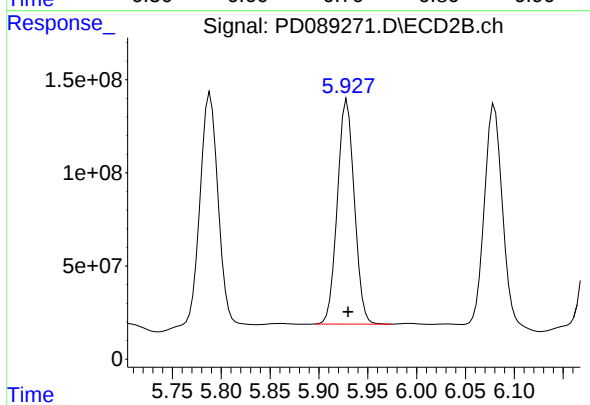
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 1574814893
Conc: 77.97 ng/ml



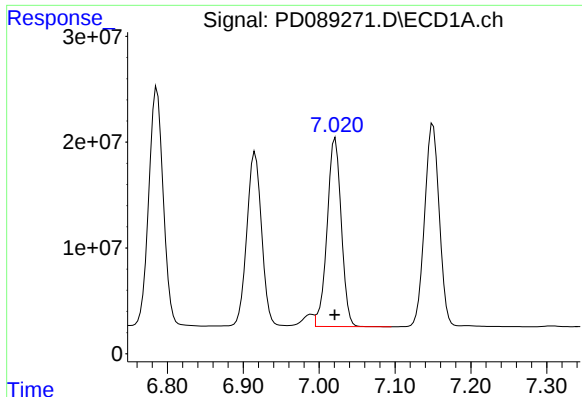
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.001 min
Response: 255435481
Conc: 74.43 ng/ml



#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 1457470958
Conc: 76.19 ng/ml



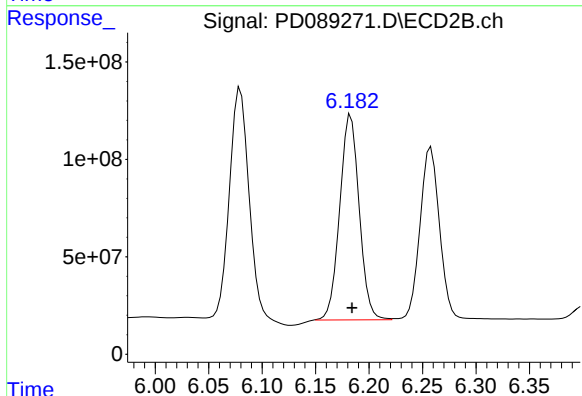
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 231411116
Conc: 61.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

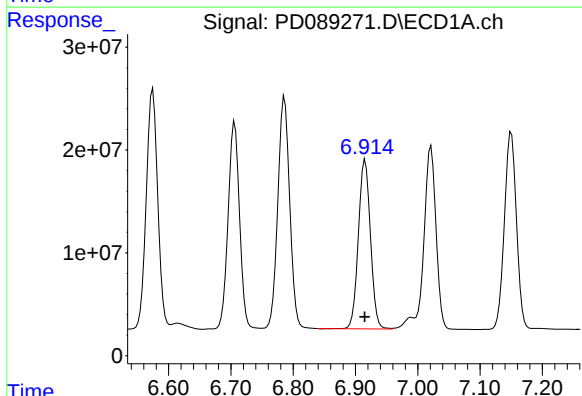
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



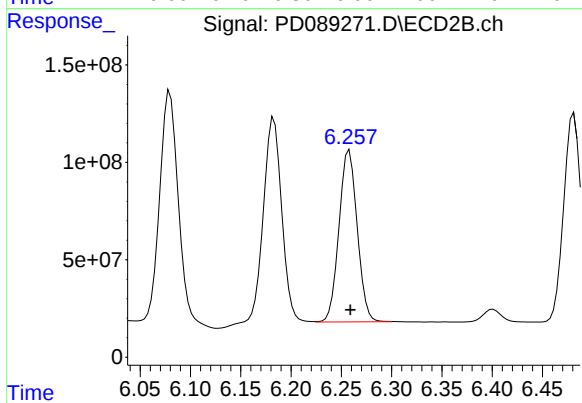
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 1338198025
Conc: 65.99 ng/ml m



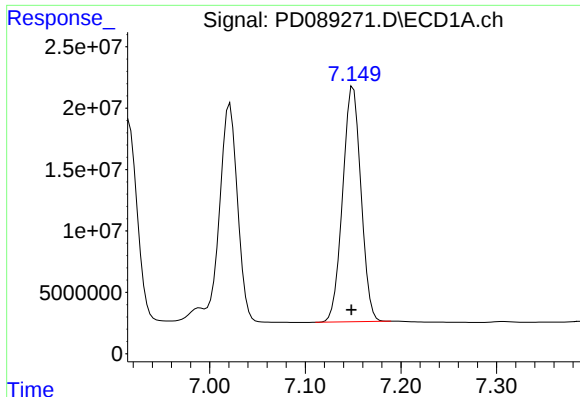
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 222123427
Conc: 72.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 1109020116
Conc: 72.43 ng/ml m



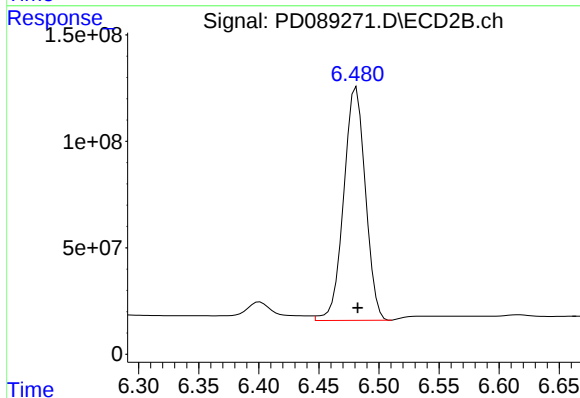
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 255954206
Conc: 66.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

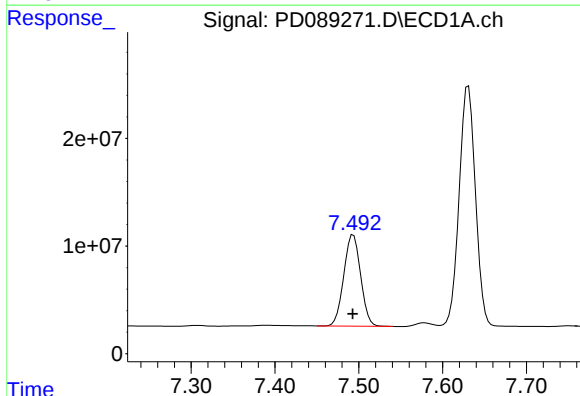
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



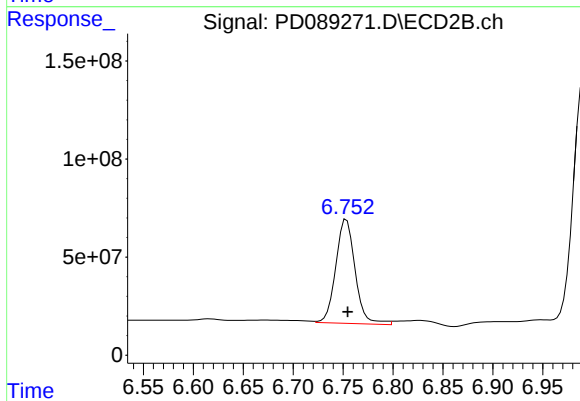
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.001 min
Response: 1378668581
Conc: 70.26 ng/ml



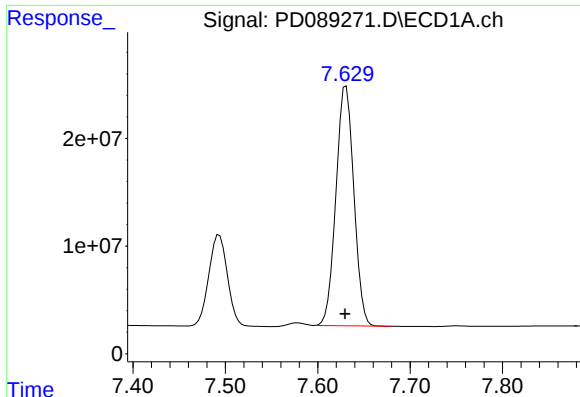
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 118762803
Conc: 58.78 ng/ml



#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 717200558
Conc: 66.60 ng/ml



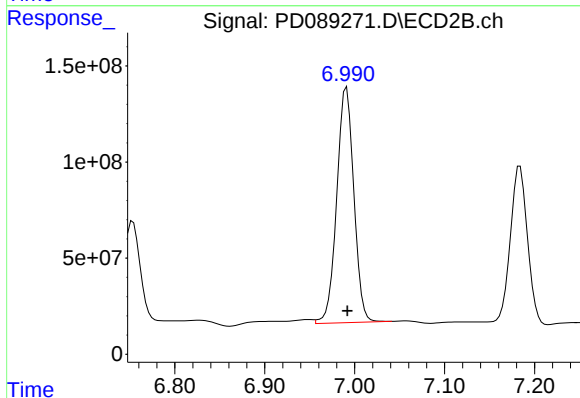
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.001 min
Response: 299874406
Conc: 73.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168672BS

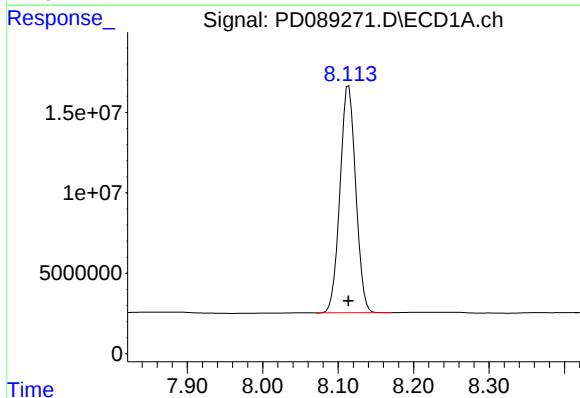
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/02/2025
Supervised By :mohammad ahmed 07/04/2025



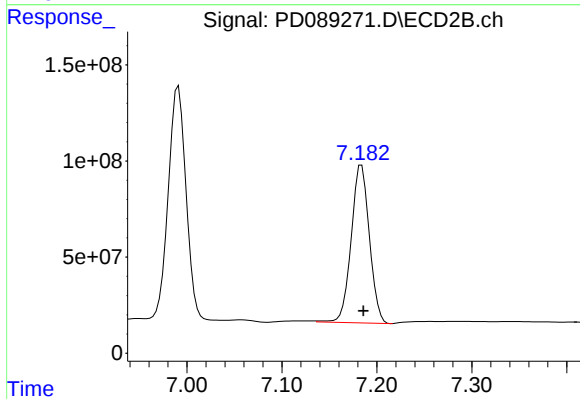
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 1617740873
Conc: 74.89 ng/ml



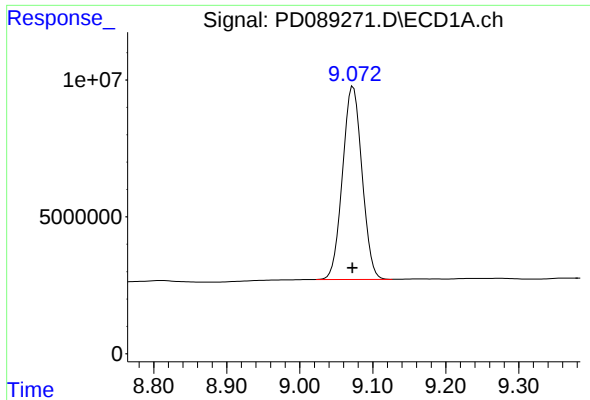
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 204721474
Conc: 67.34 ng/ml



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 1091699453
Conc: 65.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.001 min
Response: 130689099
Conc: 33.27 ng/ml

Instrument :

ECD_D

ClientSampleId :

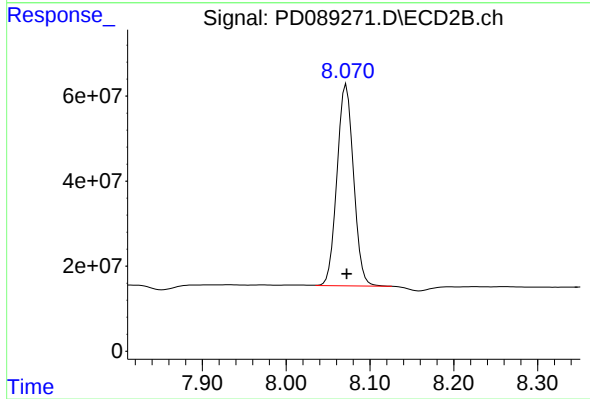
PB168672BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/02/2025

Supervised By :mohammad ahmed 07/04/2025



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 649607407
Conc: 32.86 ng/ml m