

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070925\
 Data File : PD089405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 15:18
 Operator : AR\AJ
 Sample : Q2517-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-14MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/10/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 01:43:52 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...	3.549	2.878	52194785	353.7E6	18.294	20.861m
28)	SA Decachlor...	9.072	8.071	81406282	434.8E6	20.727	21.991
Target Compounds							
2)	A alpha-BHC	3.999	3.390	273.4E6	1324.3E6	46.911	49.419m
3)	MA gamma-BHC...	4.330	3.726	263.3E6	1222.6E6	47.175	49.386m
4)	MA Heptachlor	4.929	4.081	262.3E6	1224.9E6	48.119	48.921
5)	MB Aldrin	5.270	4.367	256.1E6	1195.6E6	48.199	49.370
6)	B beta-BHC	4.516	4.024	103.2E6	518.7E6	46.765	48.268
7)	B delta-BHC	4.764	4.261	258.2E6	1234.7E6	50.295	49.637
8)	B Heptachlo...	5.690	4.869	227.7E6	1074.2E6	47.200	49.053m
9)	A Endosulfan I	6.074	5.243	214.2E6	1022.5E6	47.522	49.056m
10)	B gamma-Chl...	5.945	5.122	219.0E6	1147.5E6	45.731	47.969m
11)	B alpha-Chl...	6.027	5.189	228.4E6	1156.3E6	47.202	50.499
12)	B 4,4'-DDE	6.196	5.373	207.9E6	1138.3E6	47.663	49.671
13)	MA Dieldrin	6.347	5.511	229.2E6	1139.6E6	47.781	49.104
14)	MA Endrin	6.574	5.786	197.7E6	1039.6E6	47.929	47.875m
15)	B Endosulfa...	6.787	6.079	155.8E6	995.3E6	38.609	49.278 #
16)	A 4,4'-DDD	6.704	5.928	166.4E6	880.4E6	48.487m	46.024
17)	MA 4,4'-DDT	7.021	6.182	181.5E6	1002.8E6	47.905	49.447
18)	B Endrin al...	6.913	6.257	145.8E6	742.1E6	47.587m	48.469
19)	B Endosulfa...	7.150	6.480	179.1E6	948.7E6	46.681	48.349
20)	A Methoxychlor	7.493	6.752	94637496	513.2E6	46.836	47.656
21)	B Endrin ke...	7.630	6.990	195.4E6	1062.7E6	47.971	49.196
22)	Mirex	8.113	7.183	144.9E6	826.1E6	47.647	49.529

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070925\
Data File : PD089405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 15:18
Operator : AR\AJ
Sample : Q2517-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

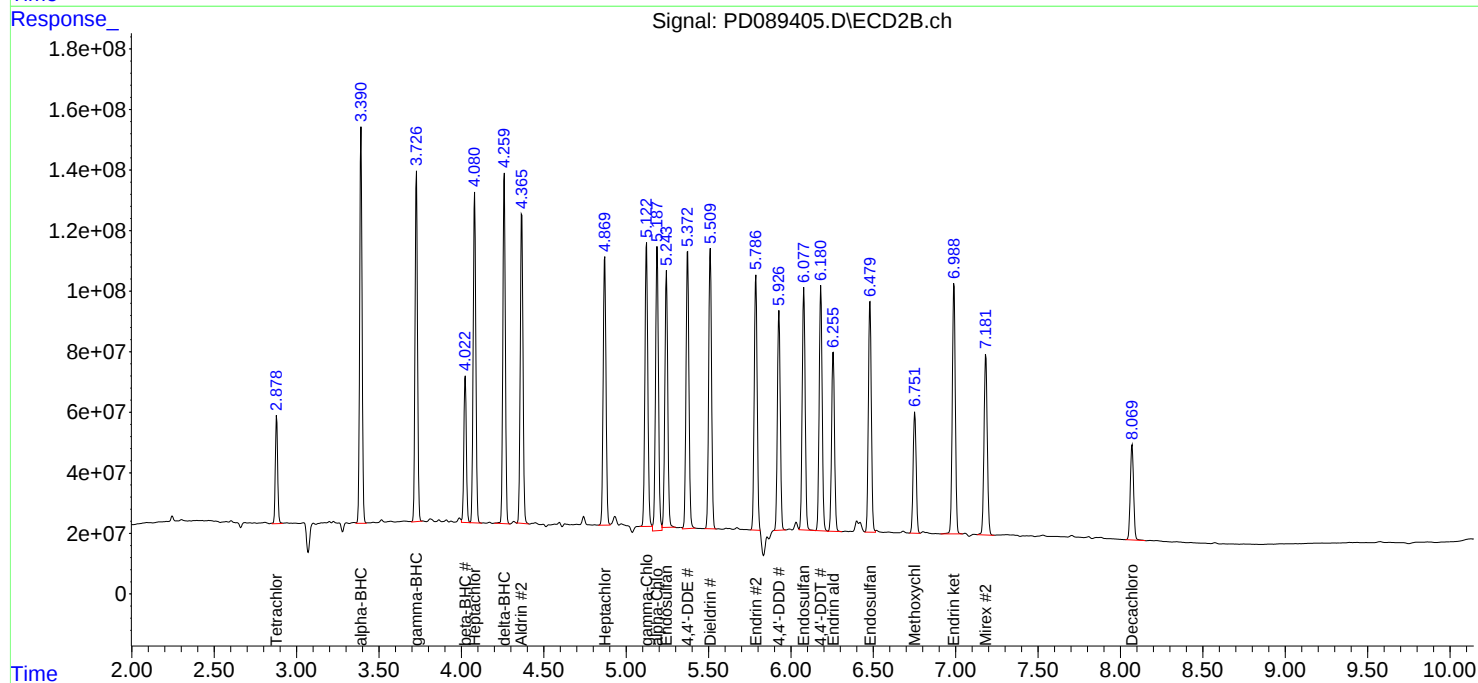
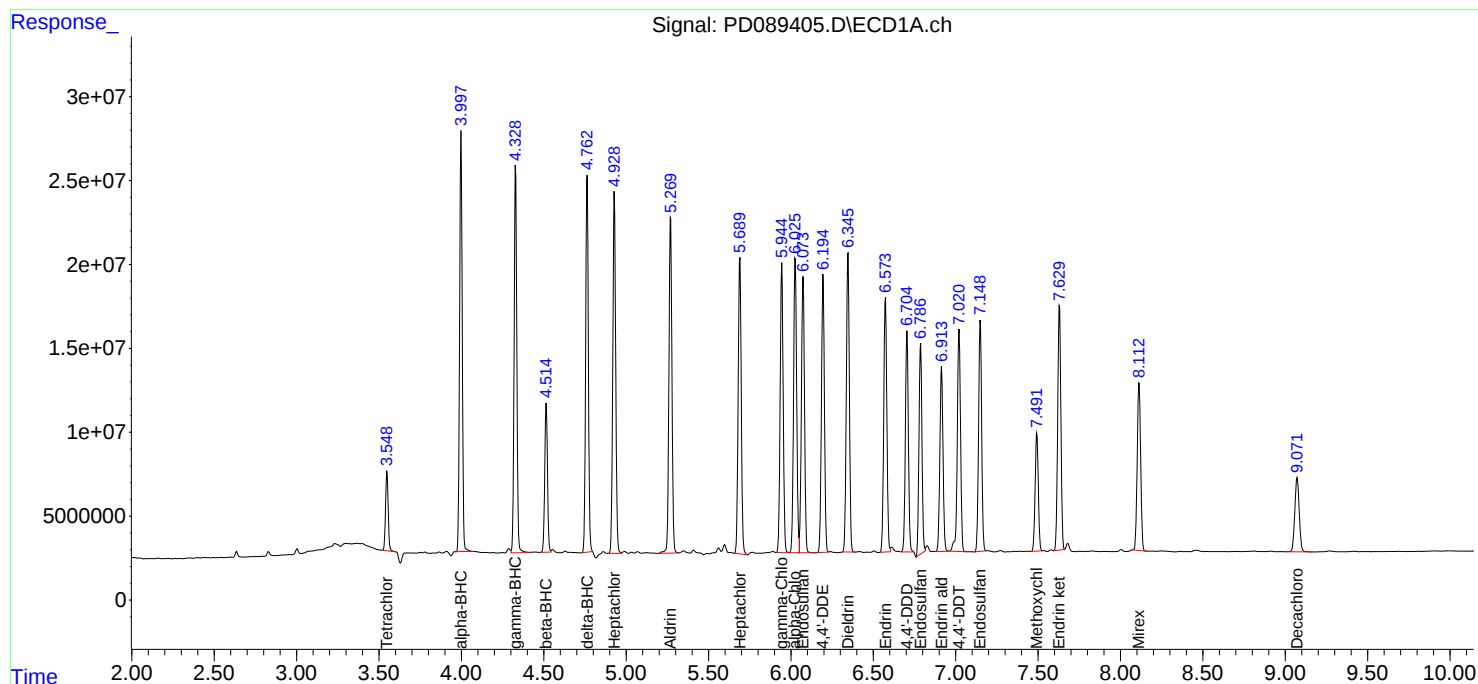
Instrument :
ECD_D
ClientSampleId :
TP-14MS

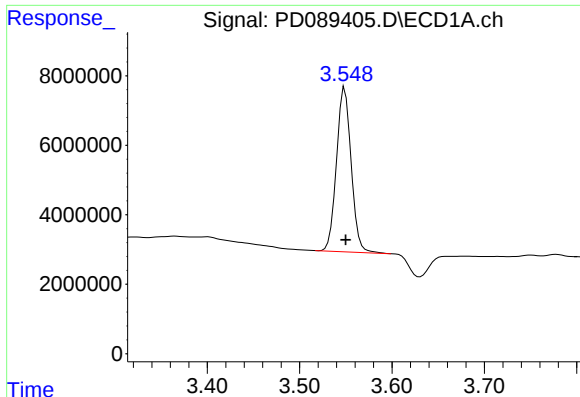
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 01:43:52 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





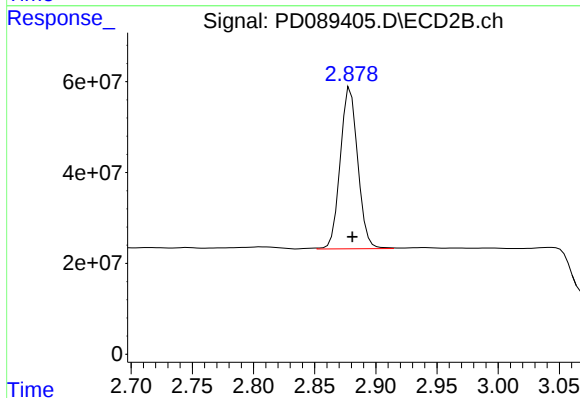
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 52194785
Conc: 18.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

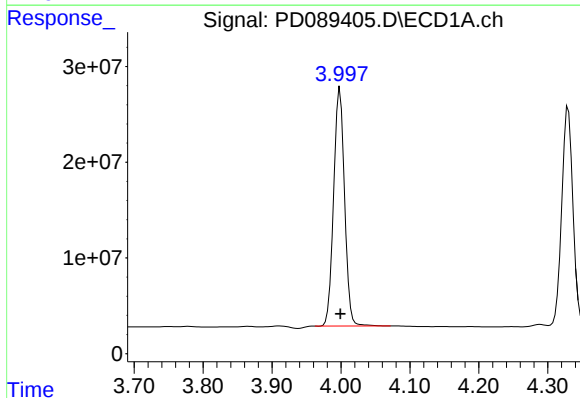
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



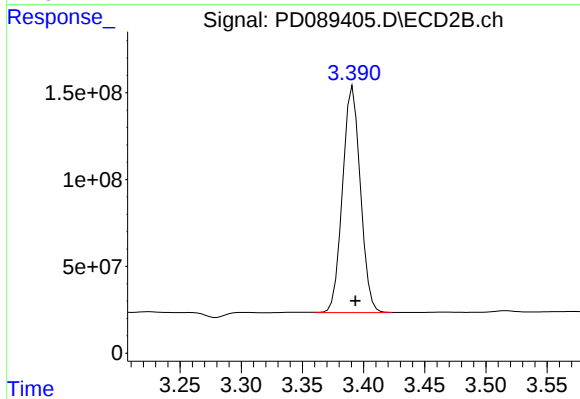
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: -0.003 min
Response: 353658978
Conc: 20.86 ng/ml m



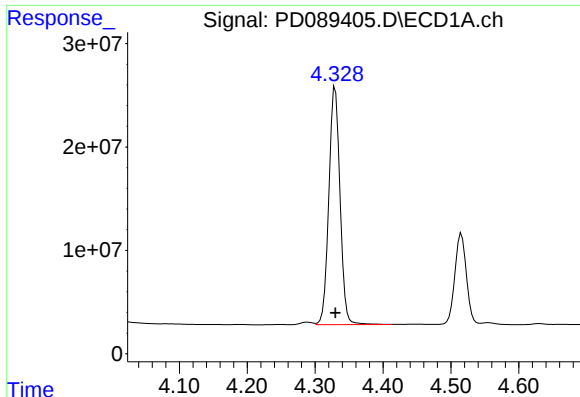
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 273446080
Conc: 46.91 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: -0.003 min
Response: 1324292824
Conc: 49.42 ng/ml m



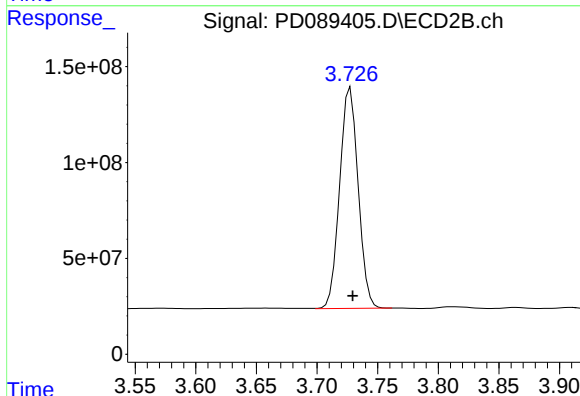
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 263313340
Conc: 47.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

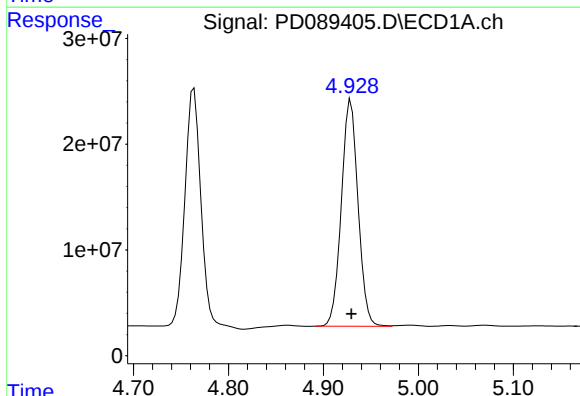
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



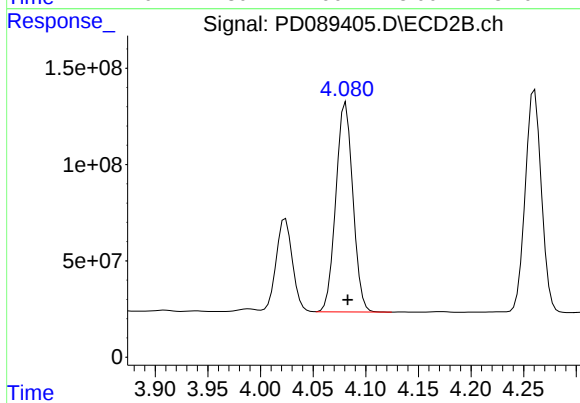
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: -0.003 min
Response: 1222646117
Conc: 49.39 ng/ml m



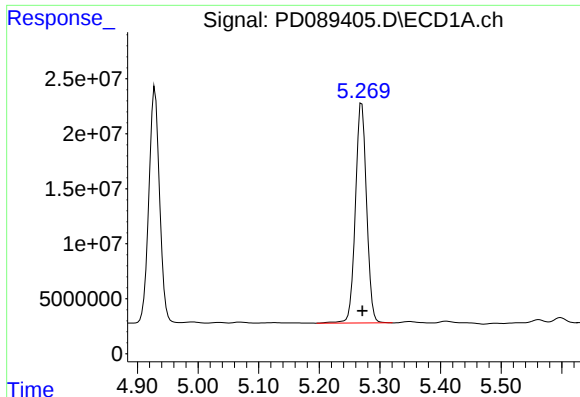
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 262341474
Conc: 48.12 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 1224906229
Conc: 48.92 ng/ml



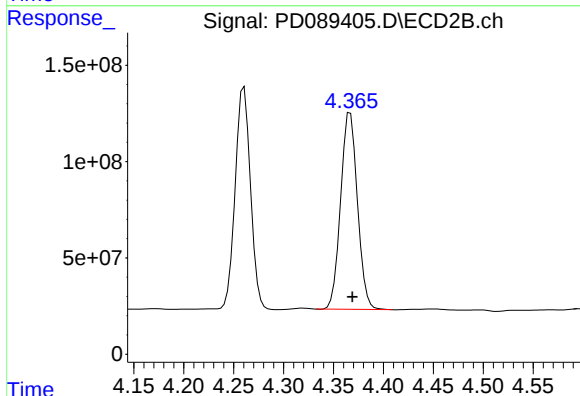
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 256080826
Conc: 48.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

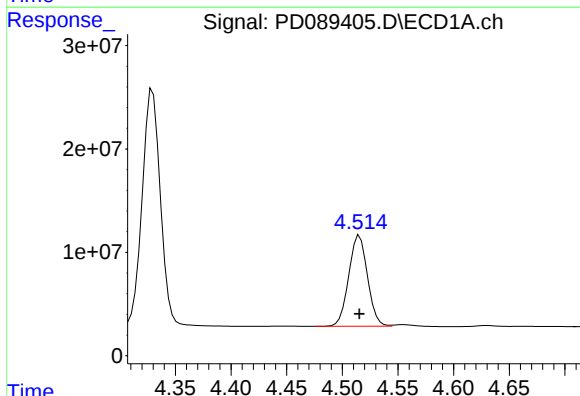
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



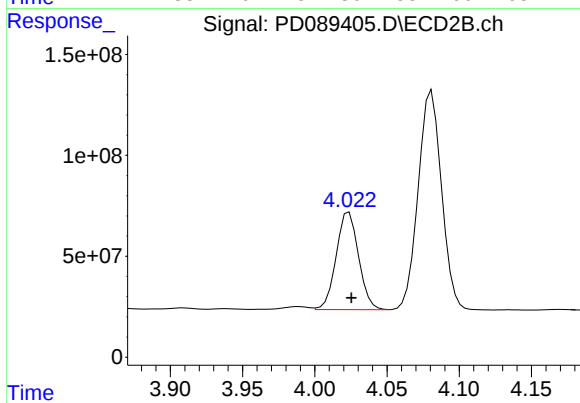
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 1195605331
Conc: 49.37 ng/ml



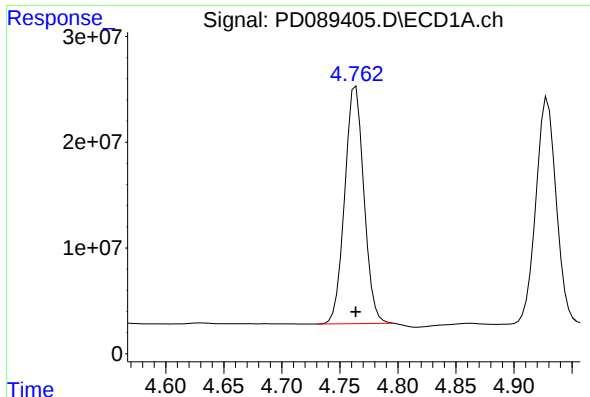
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 103215818
Conc: 46.76 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 518697117
Conc: 48.27 ng/ml



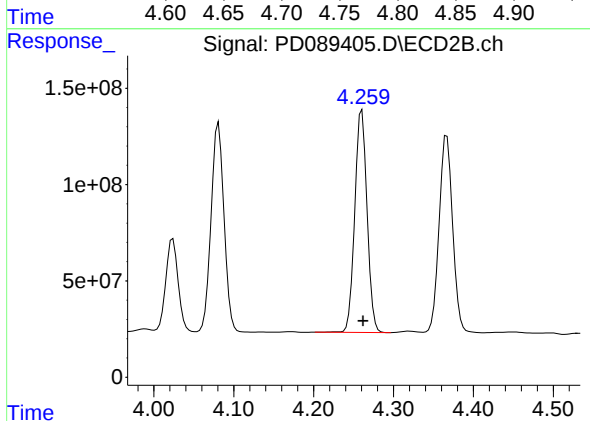
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 258158663
Conc: 50.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

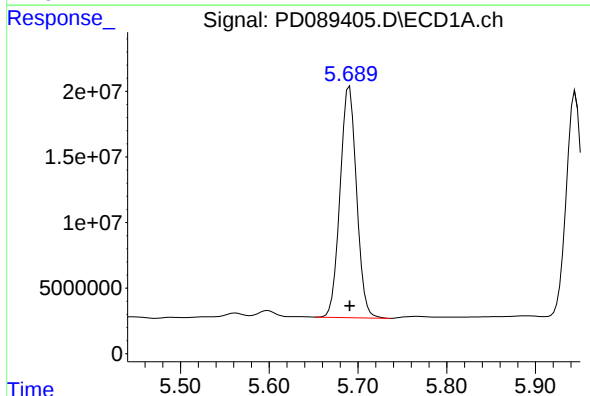
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



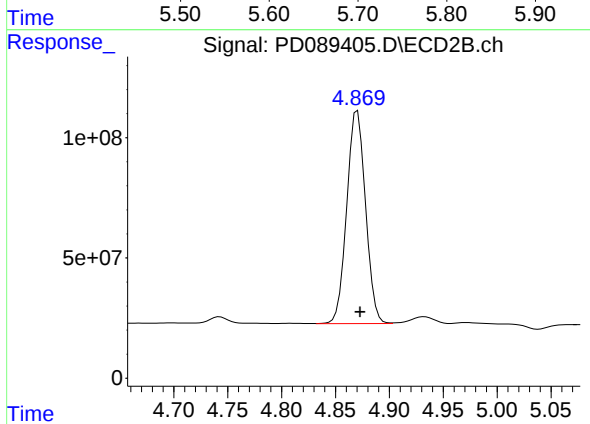
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 1234654998
Conc: 49.64 ng/ml



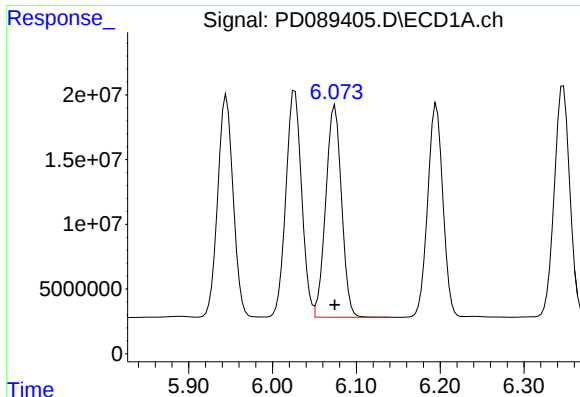
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 227688557
Conc: 47.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min
Delta R.T.: -0.004 min
Response: 1074159870
Conc: 49.05 ng/ml m



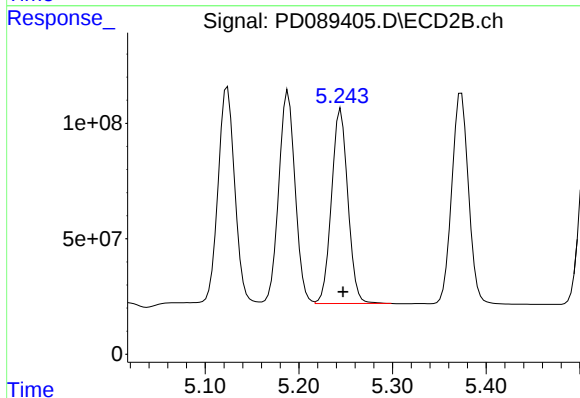
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 214202447
Conc: 47.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

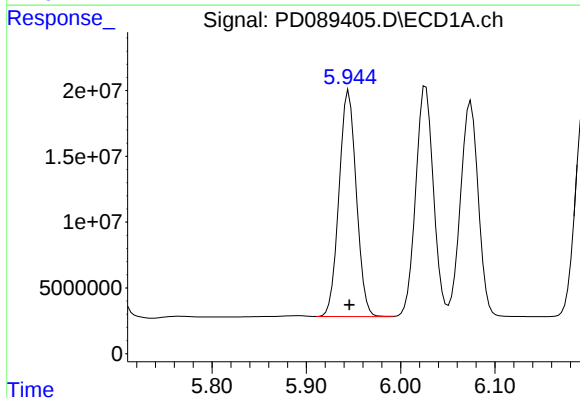
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



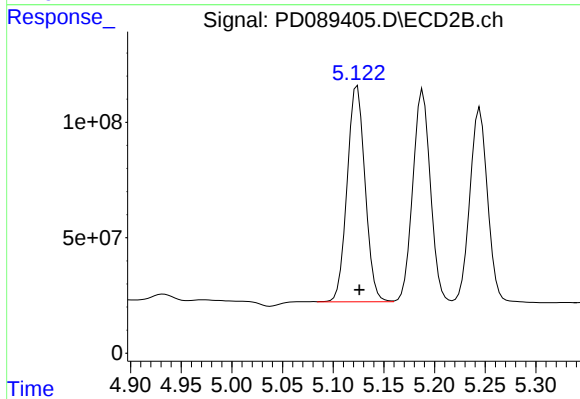
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: -0.004 min
Response: 1022454406
Conc: 49.06 ng/ml m



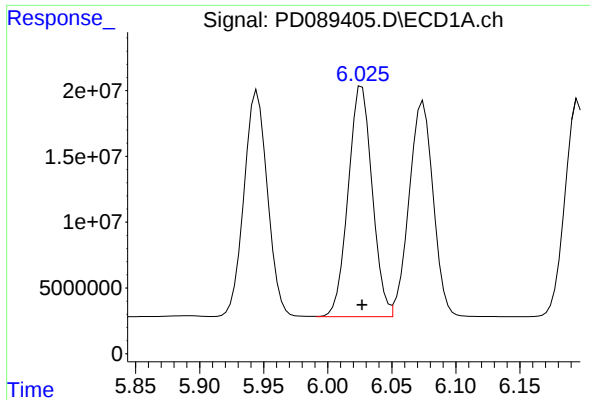
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 218965956
Conc: 45.73 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: -0.003 min
Response: 1147548345
Conc: 47.97 ng/ml m



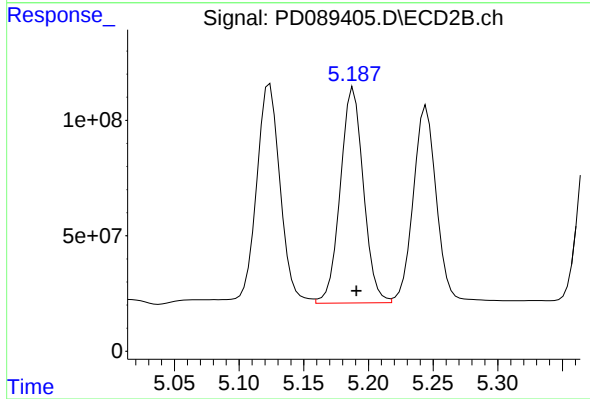
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 228388503
Conc: 47.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

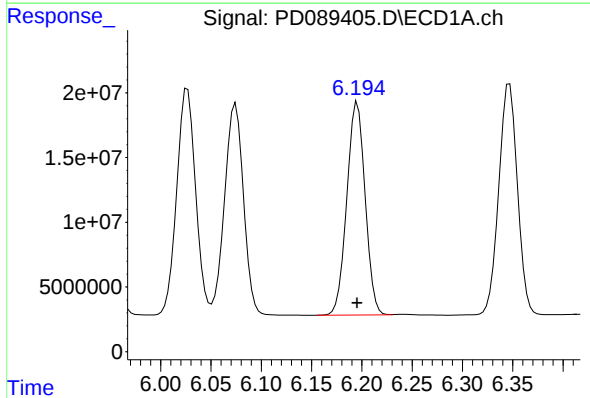
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



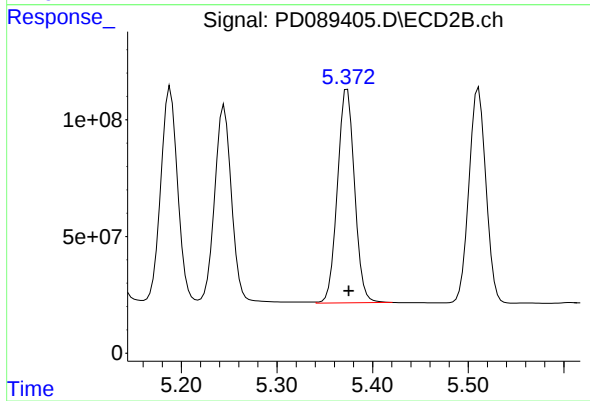
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 1156254743
Conc: 50.50 ng/ml



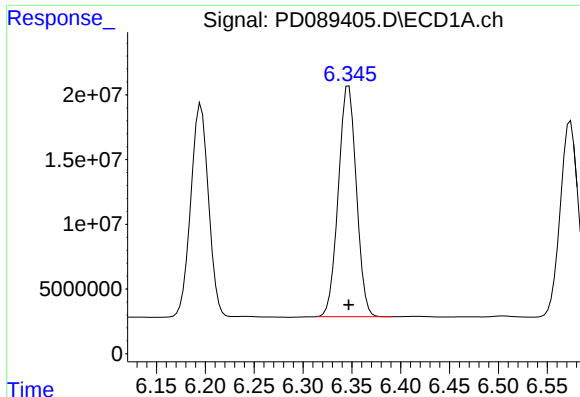
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 207860386
Conc: 47.66 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 1138268999
Conc: 49.67 ng/ml



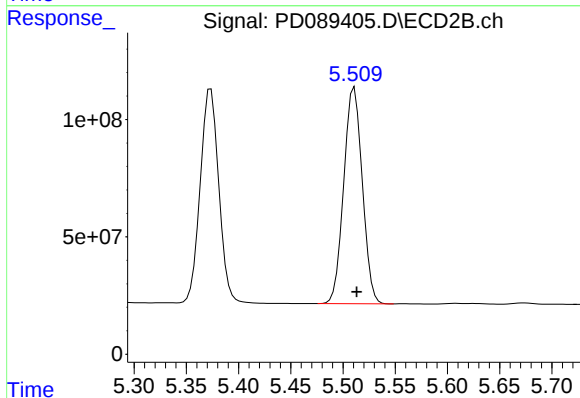
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 229227686
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

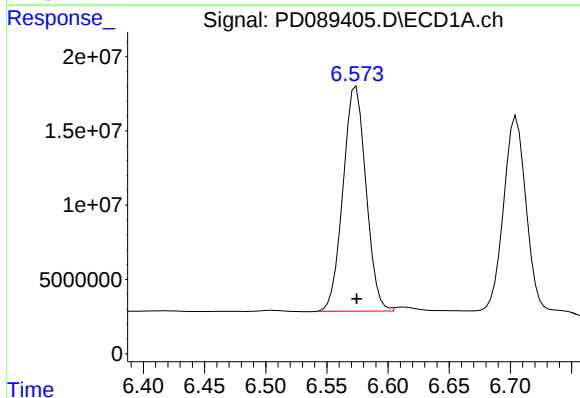
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



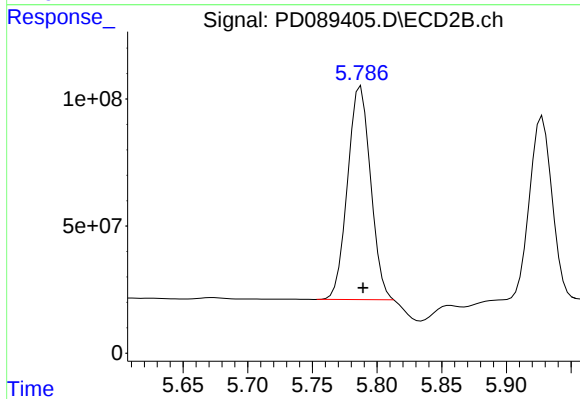
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 1139639364
Conc: 49.10 ng/ml



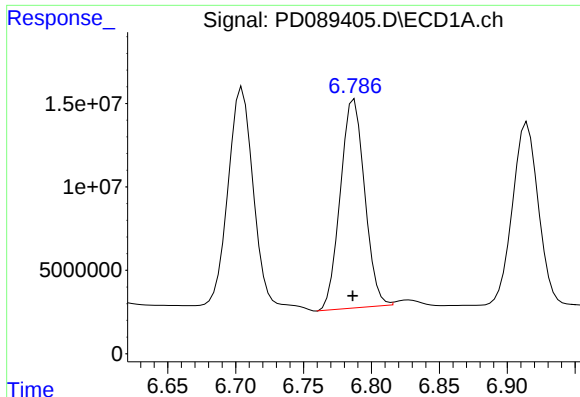
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 197734866
Conc: 47.93 ng/ml



#14 Endrin

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 1039555863
Conc: 47.88 ng/ml m



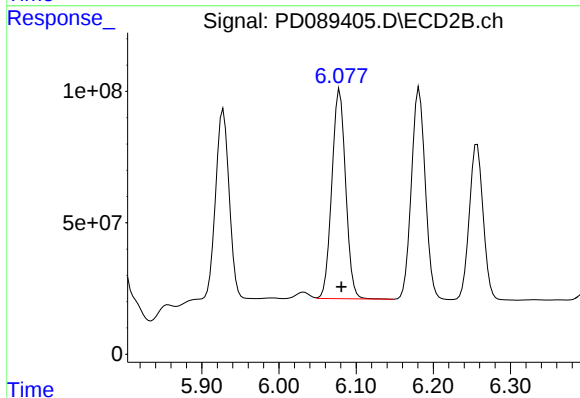
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.001 min
Response: 155848424
Conc: 38.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

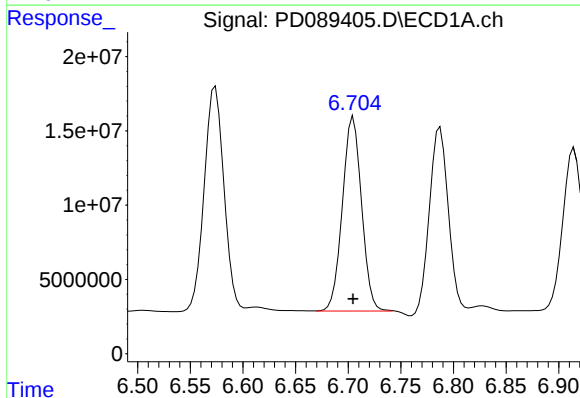
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



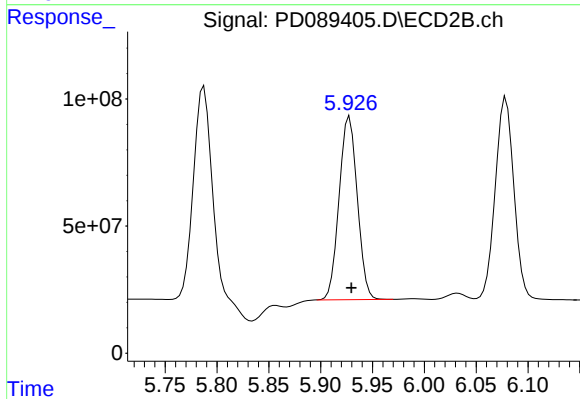
#15 Endosulfan II

R.T.: 6.079 min
Delta R.T.: -0.002 min
Response: 995258538
Conc: 49.28 ng/ml



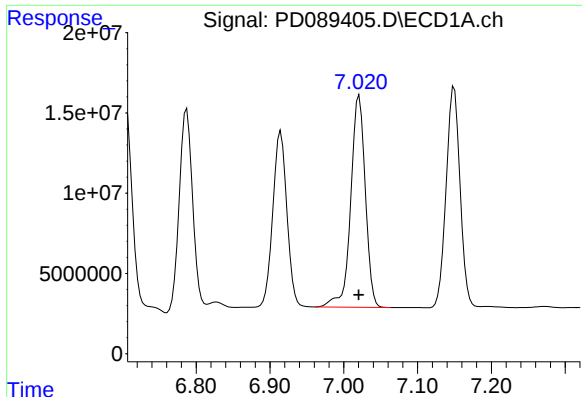
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.001 min
Response: 166408497
Conc: 48.49 ng/ml m



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 880419231
Conc: 46.02 ng/ml



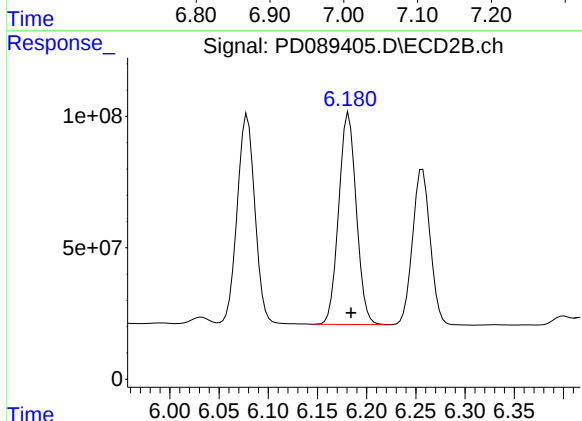
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 181472917
Conc: 47.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

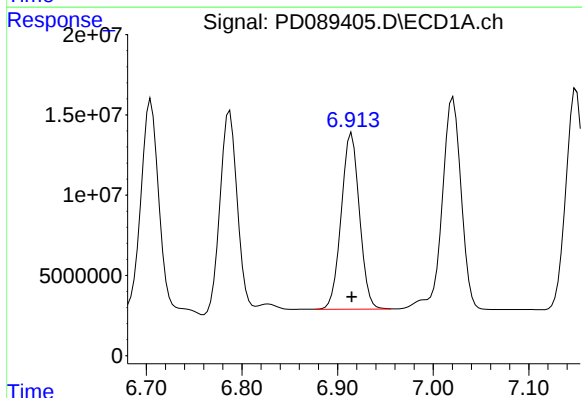
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



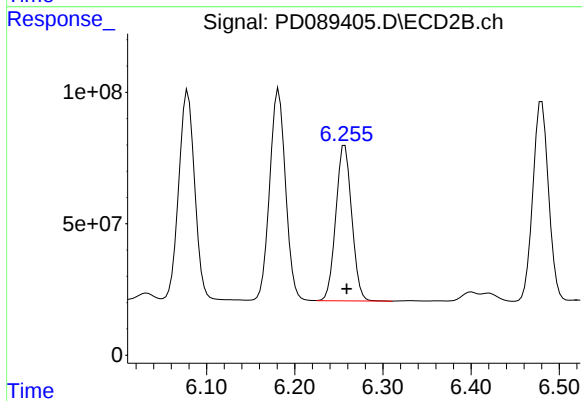
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1002759788
Conc: 49.45 ng/ml



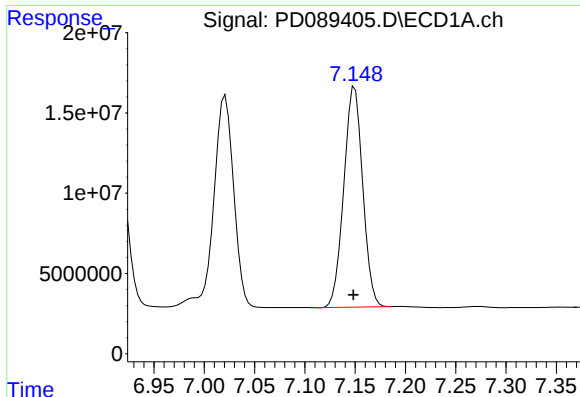
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: -0.001 min
Response: 145802421
Conc: 47.59 ng/ml m



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 742119800
Conc: 48.47 ng/ml



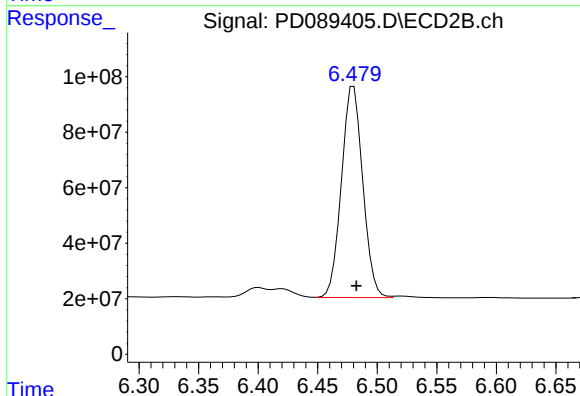
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.001 min
Response: 179124089
Conc: 46.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

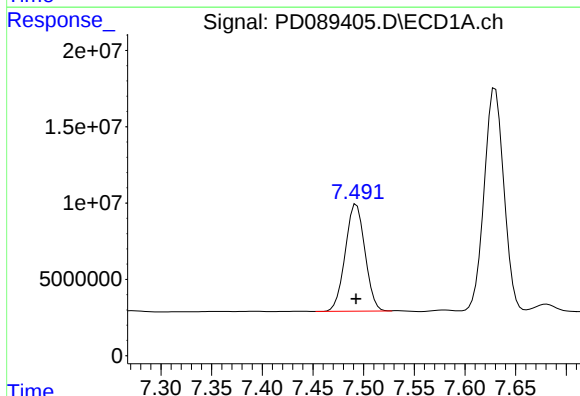
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



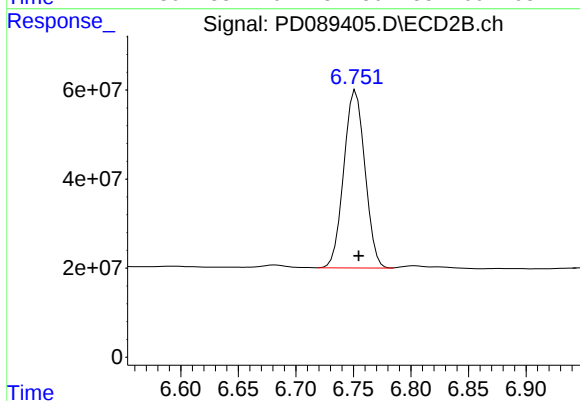
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: -0.002 min
Response: 948666735
Conc: 48.35 ng/ml



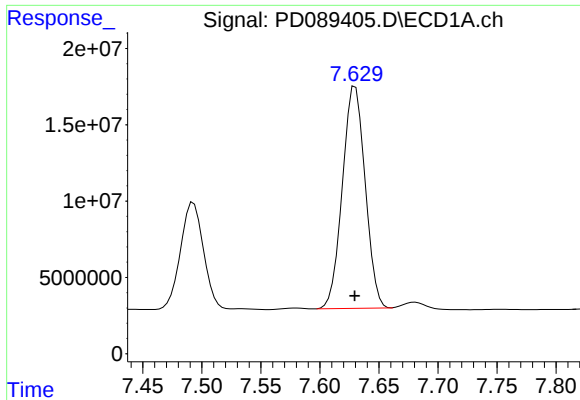
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 94637496
Conc: 46.84 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.003 min
Response: 513164070
Conc: 47.66 ng/ml



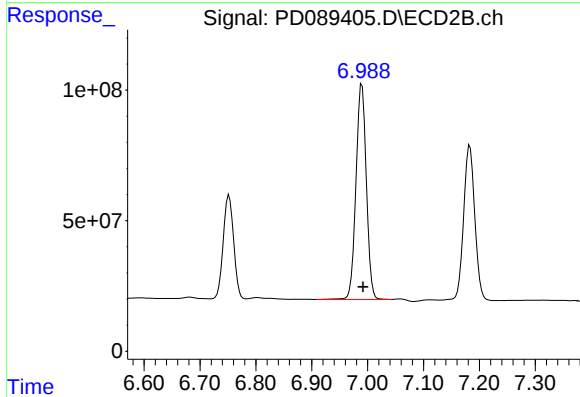
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 195389615
Conc: 47.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

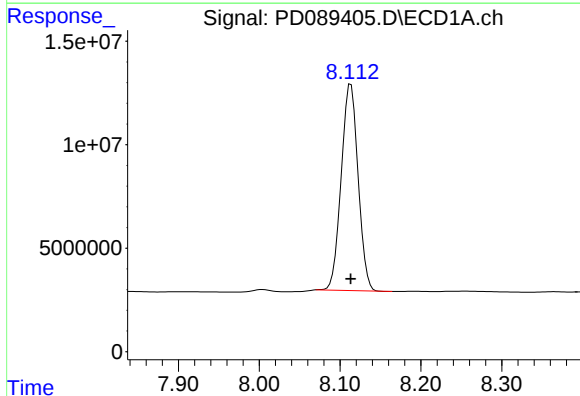
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



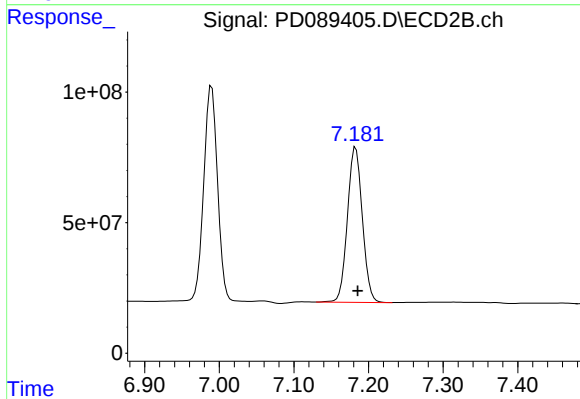
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 1062727141
Conc: 49.20 ng/ml



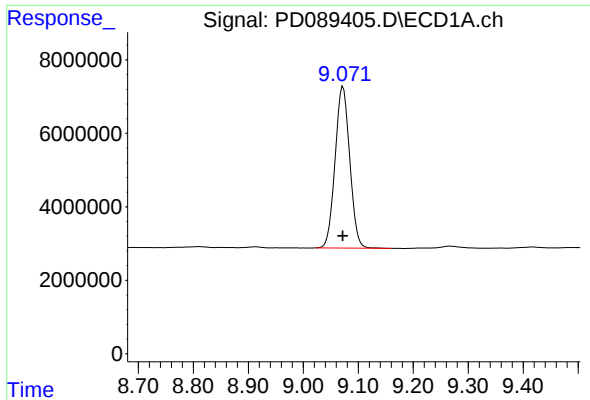
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 144854740
Conc: 47.65 ng/ml



#22 Mirex

R.T.: 7.183 min
Delta R.T.: -0.003 min
Response: 826060057
Conc: 49.53 ng/ml



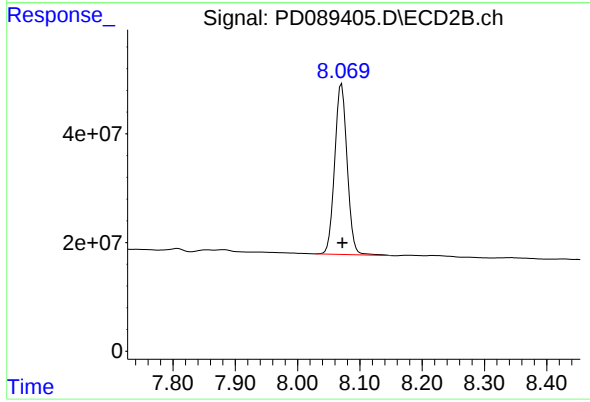
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 81406282
Conc: 20.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-14MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2025
Supervised By :mohammad ahmed 07/11/2025



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.002 min
Response: 434770138
Conc: 21.99 ng/ml