

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080425\
 Data File : PD089726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2025 11:12
 Operator : AR\AJ
 Sample : Q2126-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/06/2025
 Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 06:33:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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	2.877	43269940	311.6E6	17.542	19.674
2) SA Decachlor...	9.071	8.067	73343122	408.8E6	19.736	20.362
Target Compounds						
2) A alpha-BHC	3.999	3.388	3684178	27723314	0.744	1.141m#
3) MA gamma-BHC...	4.330	3.725	4216179	26608806	0.887	1.181 #
4) MA Heptachlor	4.929	4.079	4314273	26227212	0.897	1.130 #
5) MB Aldrin	5.270	4.363	4159408	24967385	0.911	1.122m
6) B beta-BHC	4.516	4.022	2011854	13398016	1.091	1.389 #
7) B delta-BHC	4.764	4.258	5810805	28576600	1.267m	1.258
8) B Heptachlo...	5.687	4.867	6332172	24921560	1.515m	1.213m
9) A Endosulfan I	6.074	5.242	3978778	22725533	1.004	1.163
10) B gamma-Chl...	5.945	5.122	3891688	28724563	0.931	1.327 #
11) B alpha-Chl...	6.024	5.186	3839528	27584795	0.913m	1.325 #
12) B 4,4'-DDE	6.195	5.371	3185632	25520475	0.854	1.207 #
13) MA Dieldrin	6.346	5.508	3958445	27468853	0.937	1.269 #
14) MA Endrin	6.572	5.788	3509414	48909829	0.981m	2.455 #
15) B Endosulfa...	6.784	6.076	4327785	24189597	1.179m	1.287
16) A 4,4'-DDD	6.703	5.926	2878494	22422095	0.961m	1.272 #
17) MA 4,4'-DDT	7.020	6.179	3109635	19913207	0.925	1.084
18) B Endrin al...	6.914	6.255	3260368	20636108	1.306	1.597
19) B Endosulfa...	7.149	6.478	3774223	24344008	1.088	1.311
20) A Methoxychlor	7.490	6.750	2648894	11673299	1.482m	1.192
21) B Endrin ke...	7.629	6.985	3868631	24074411	1.042	1.200m
22) Mirex	8.113	7.180	3397534	18757567	1.218	1.232

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080425\
Data File : PD089726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2025 11:12
Operator : AR\AJ
Sample : Q2126-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

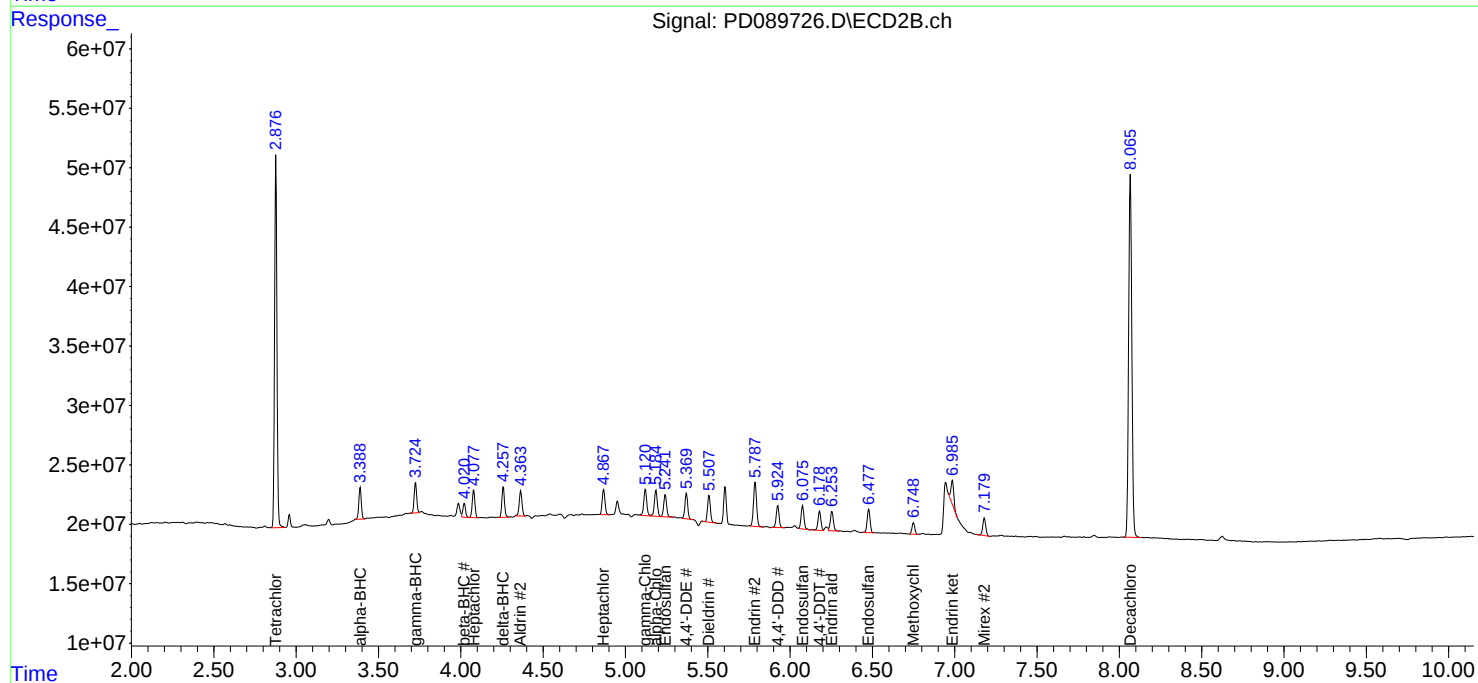
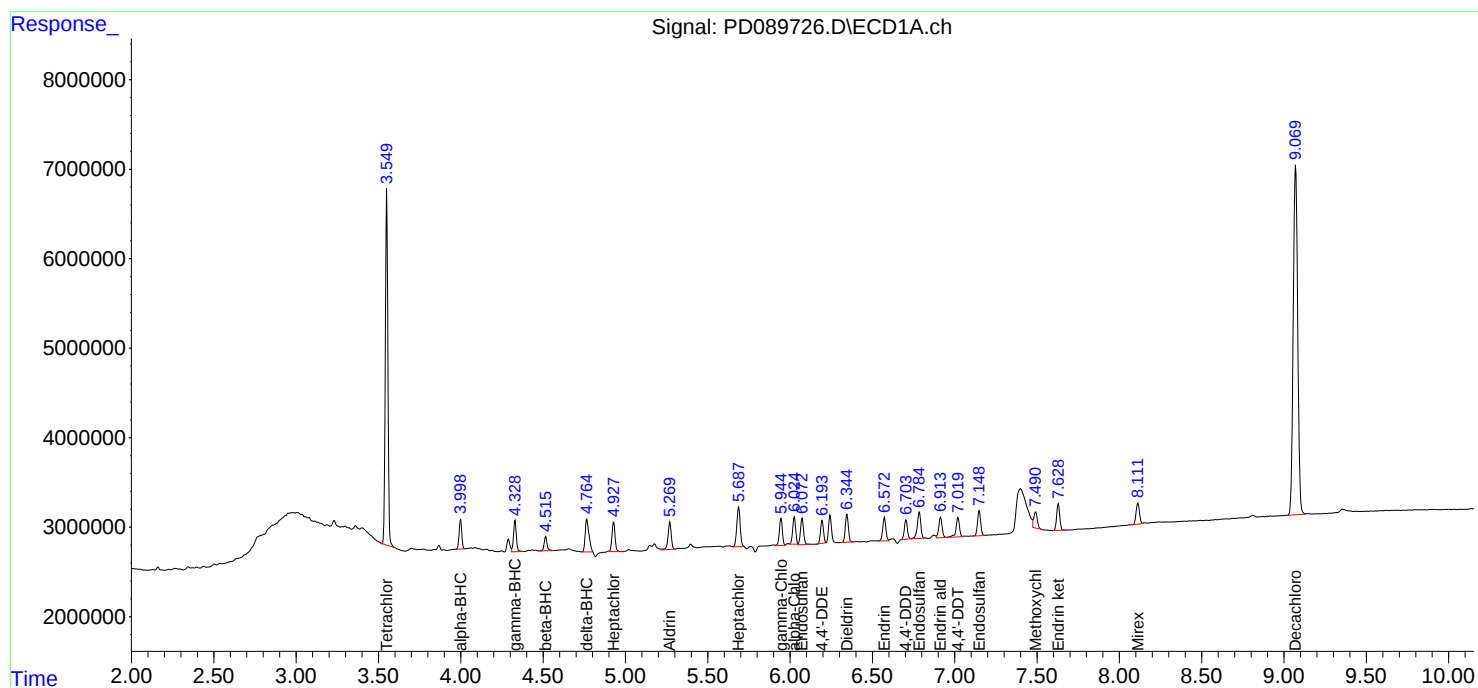
Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

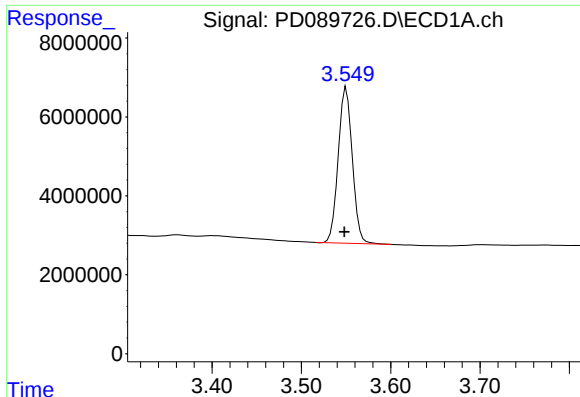
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 06:33:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





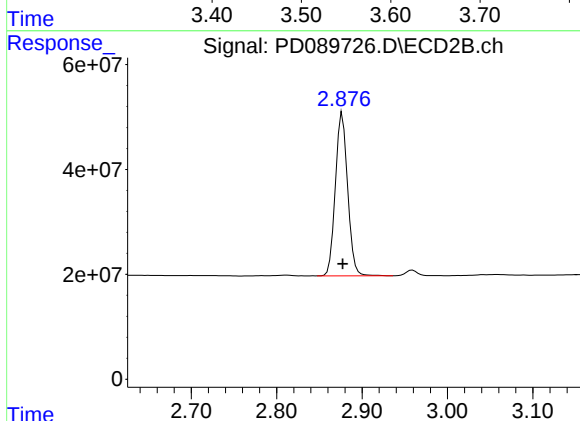
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.002 min
Response: 43269940
Conc: 17.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

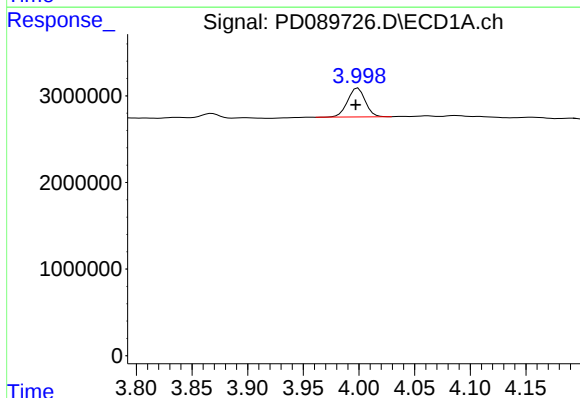
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



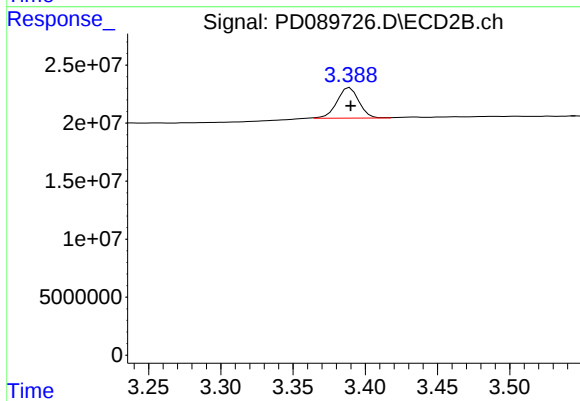
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 311595265
Conc: 19.67 ng/ml



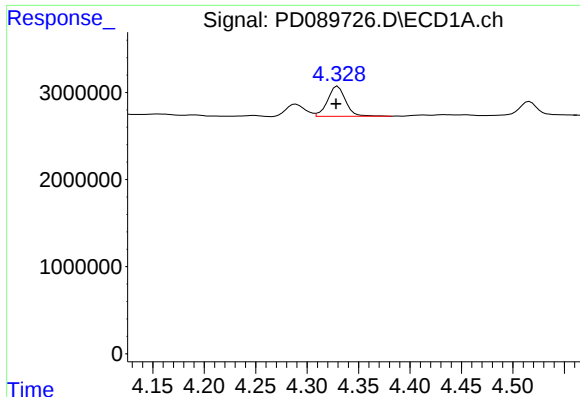
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.002 min
Response: 3684178
Conc: 0.74 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: -0.002 min
Response: 27723314
Conc: 1.14 ng/ml m



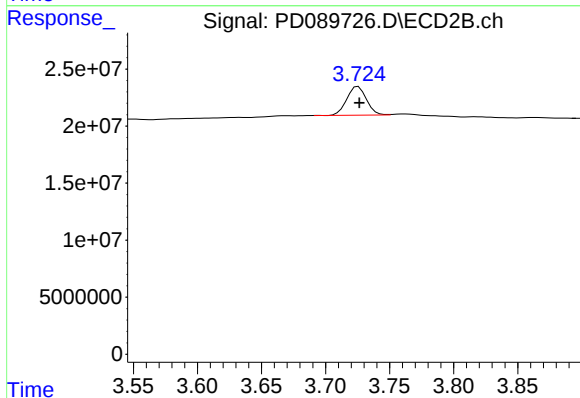
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 4216179
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

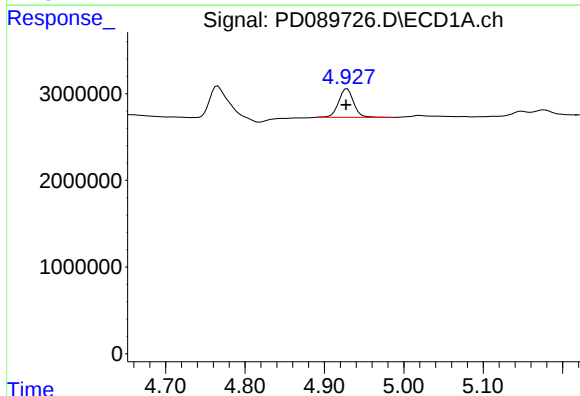
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



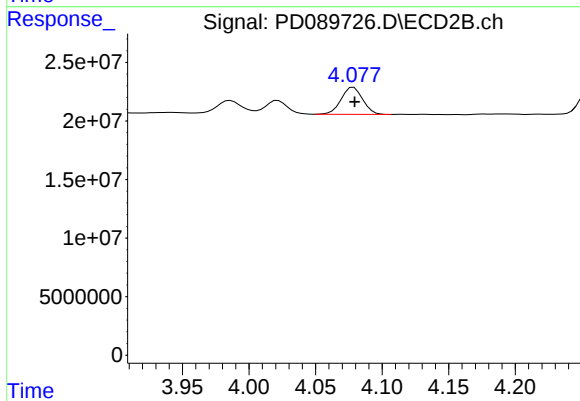
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 26608806
Conc: 1.18 ng/ml



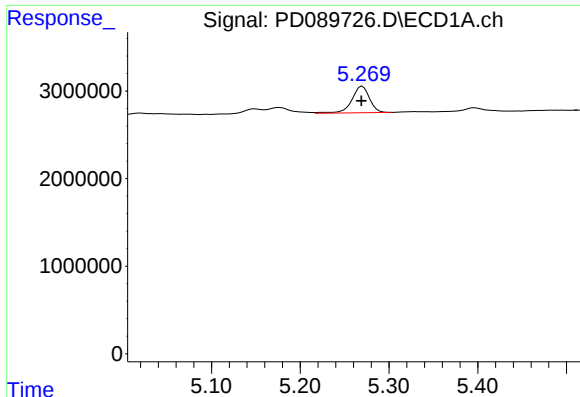
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 4314273
Conc: 0.90 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 26227212
Conc: 1.13 ng/ml



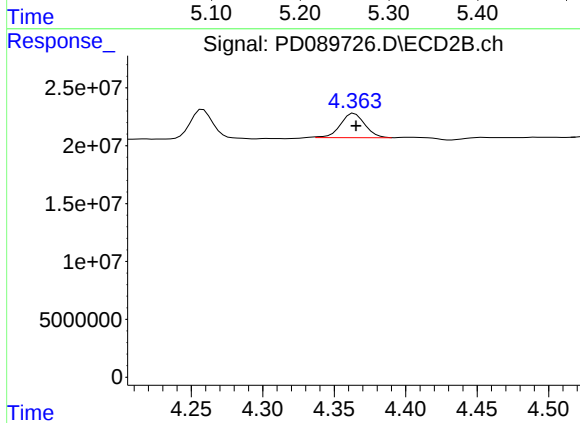
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.001 min
Response: 4159408
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

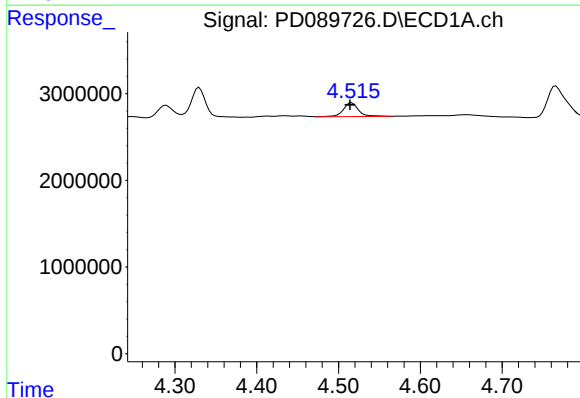
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



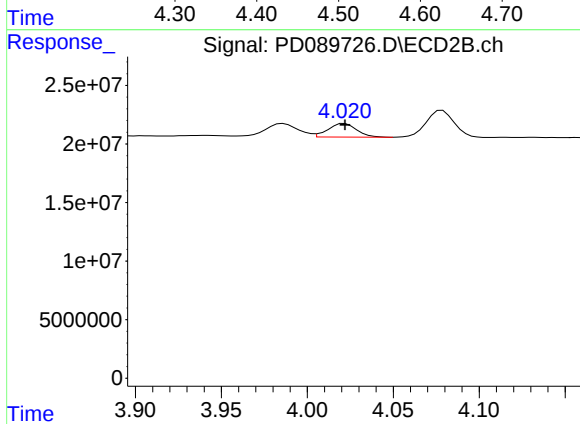
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: -0.002 min
Response: 24967385
Conc: 1.12 ng/ml m



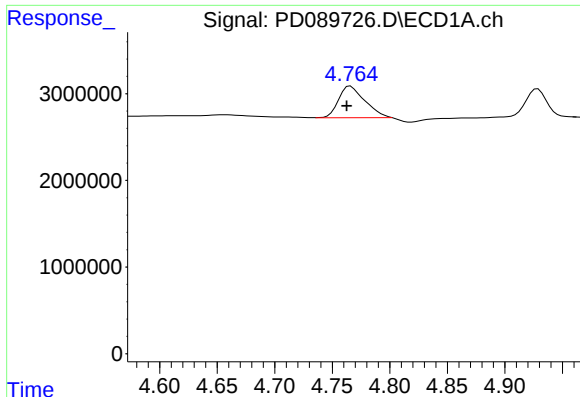
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 2011854
Conc: 1.09 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 13398016
Conc: 1.39 ng/ml



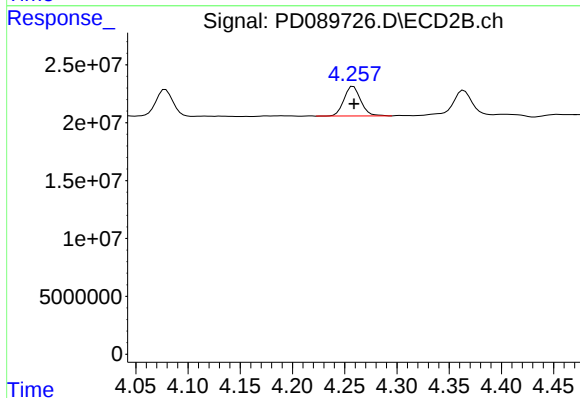
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.002 min
Response: 5810805
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

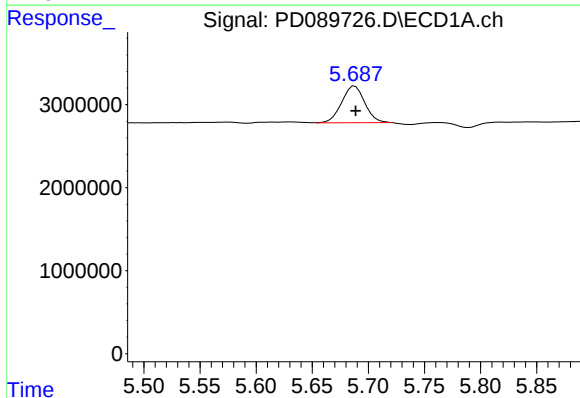
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



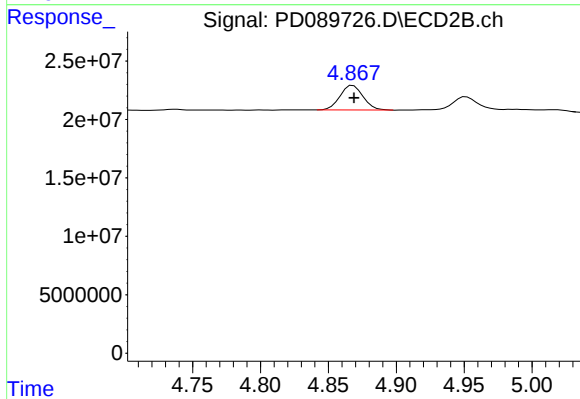
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 28576600
Conc: 1.26 ng/ml



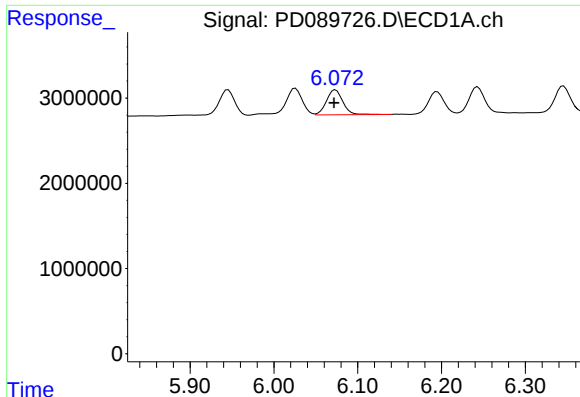
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 6332172
Conc: 1.51 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 24921560
Conc: 1.21 ng/ml m



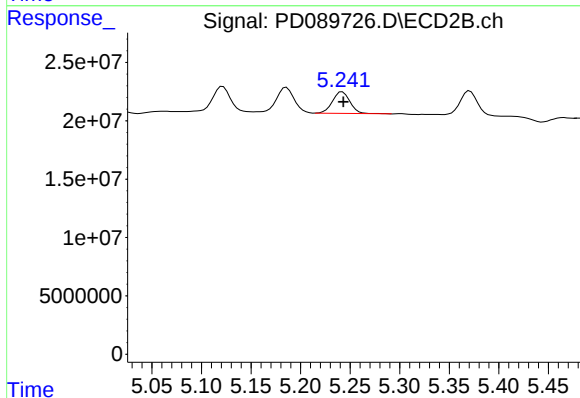
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.002 min
Response: 3978778
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

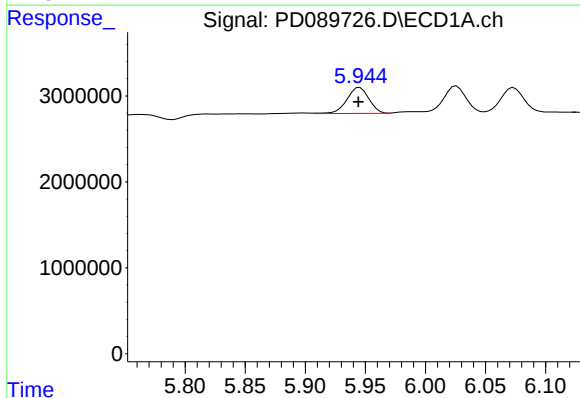
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



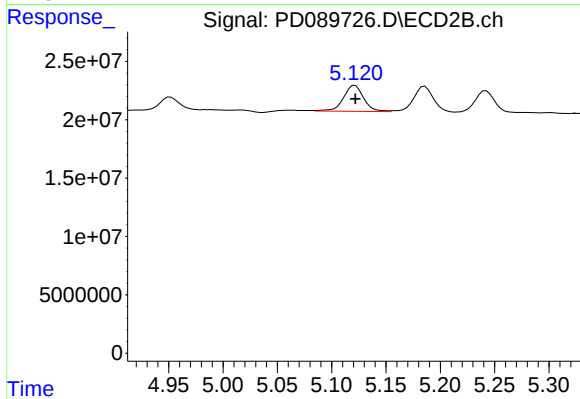
#9 Endosulfan I

R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 22725533
Conc: 1.16 ng/ml



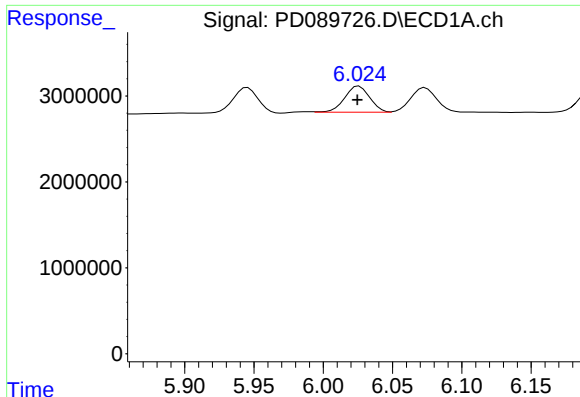
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 3891688
Conc: 0.93 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 28724563
Conc: 1.33 ng/ml



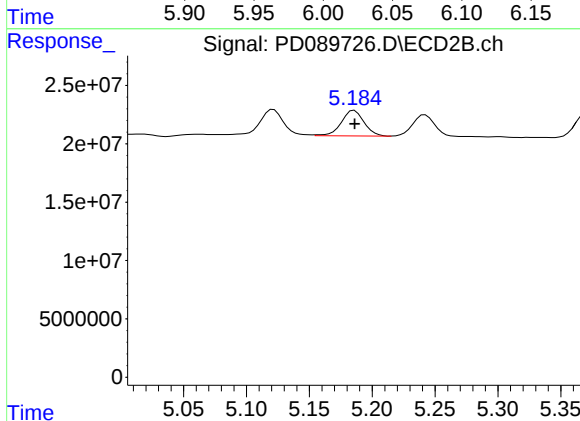
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 3839528
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

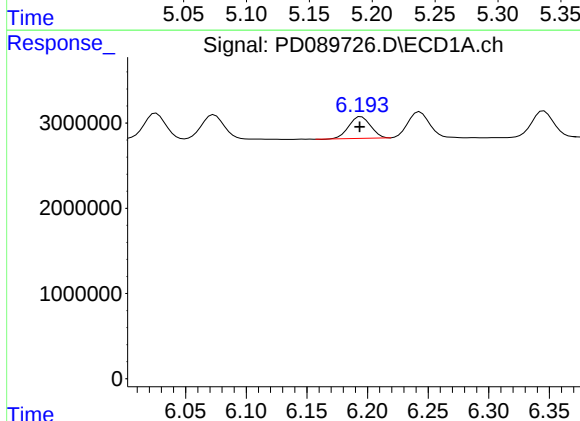
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



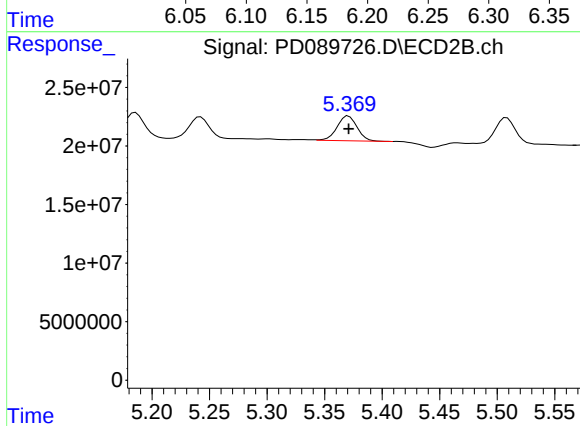
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 27584795
Conc: 1.32 ng/ml



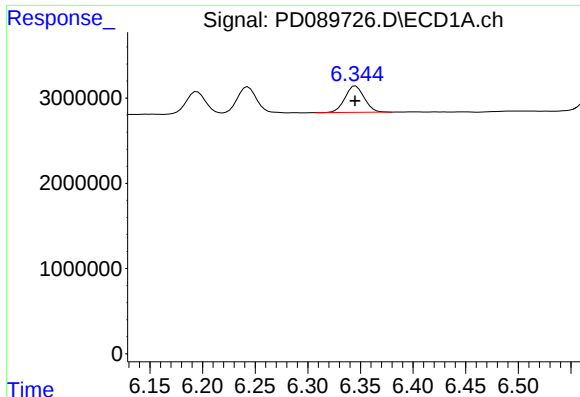
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.001 min
Response: 3185632
Conc: 0.85 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 25520475
Conc: 1.21 ng/ml



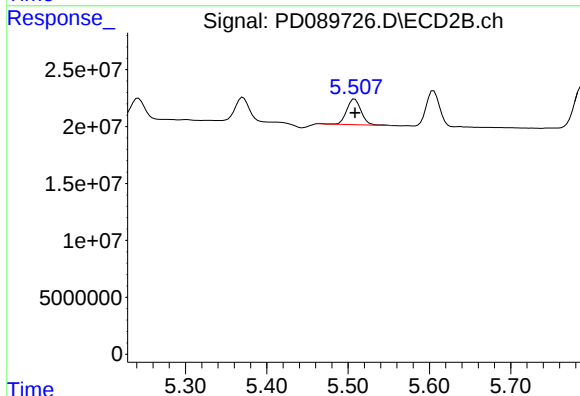
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 3958445
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

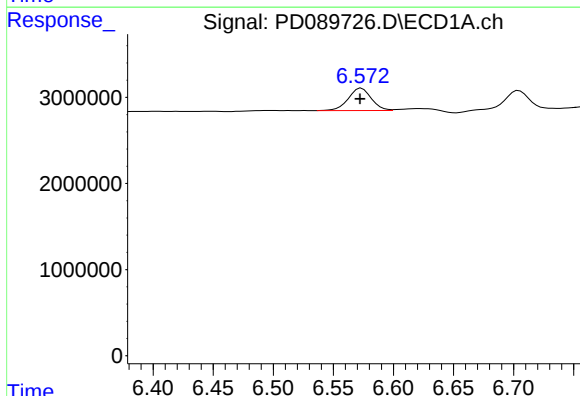
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



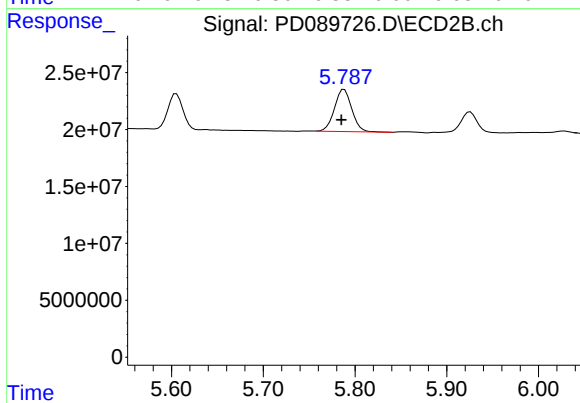
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 27468853
Conc: 1.27 ng/ml



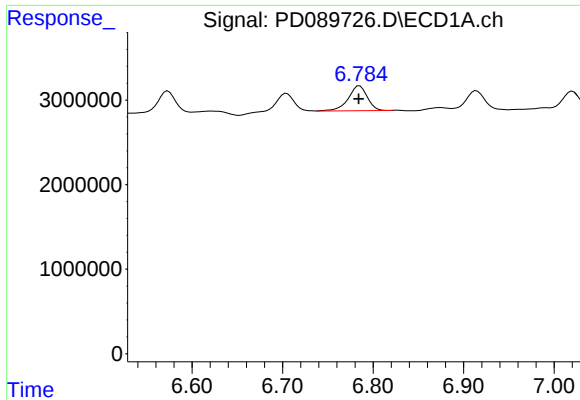
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 3509414
Conc: 0.98 ng/ml m



#14 Endrin

R.T.: 5.788 min
Delta R.T.: 0.003 min
Response: 48909829
Conc: 2.45 ng/ml



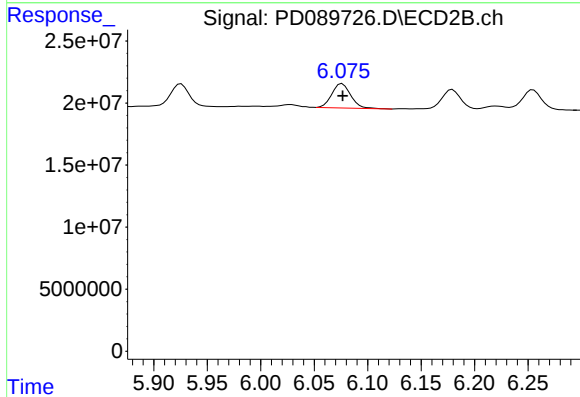
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 4327785
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

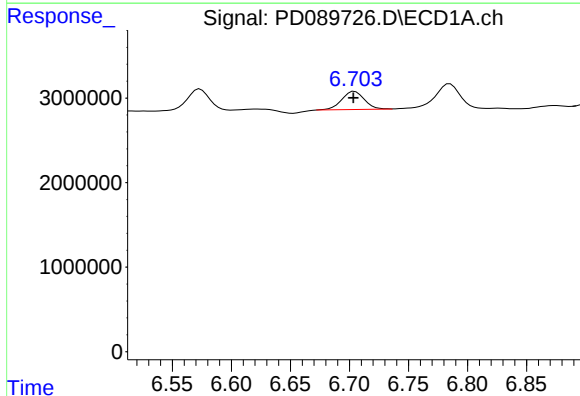
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



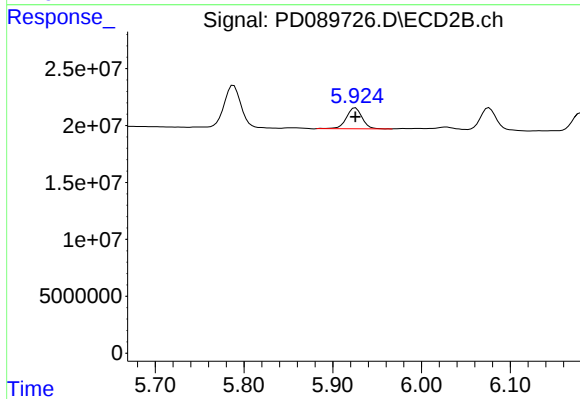
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 24189597
Conc: 1.29 ng/ml



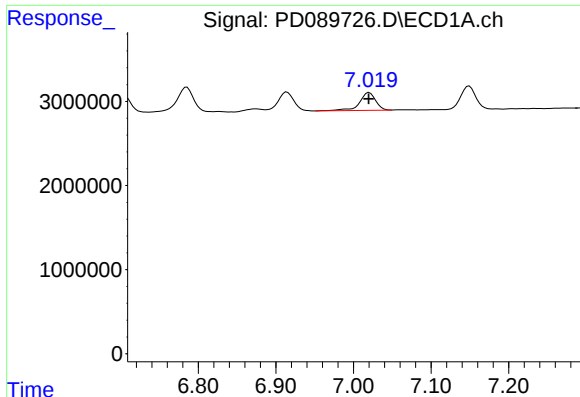
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 2878494
Conc: 0.96 ng/ml m



#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 22422095
Conc: 1.27 ng/ml



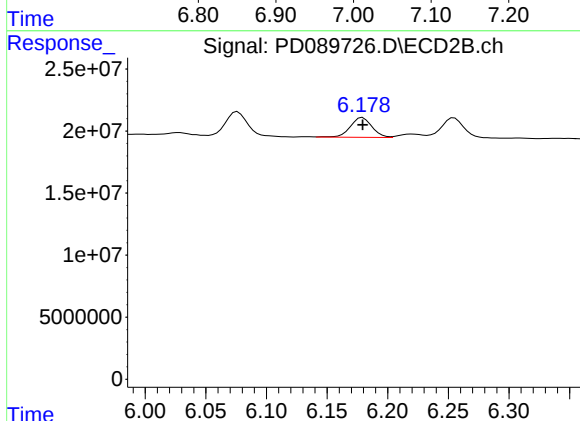
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 3109635
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

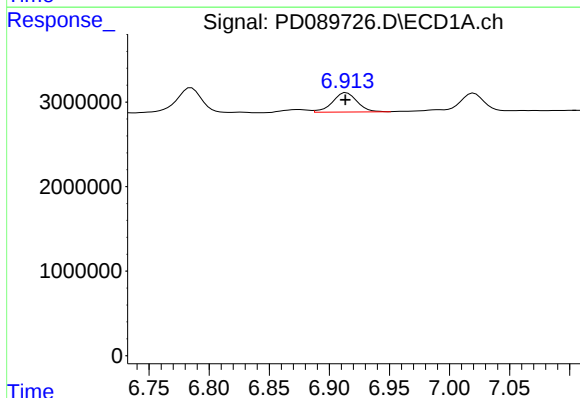
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



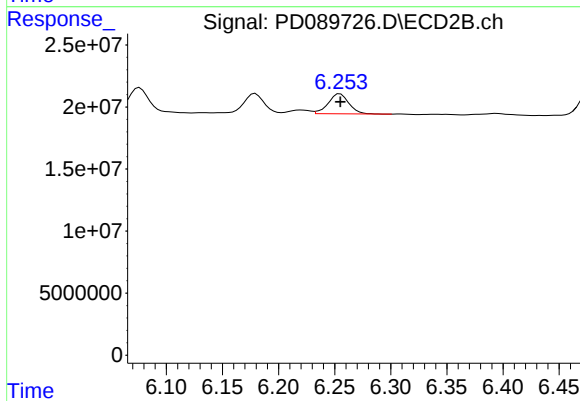
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 19913207
Conc: 1.08 ng/ml



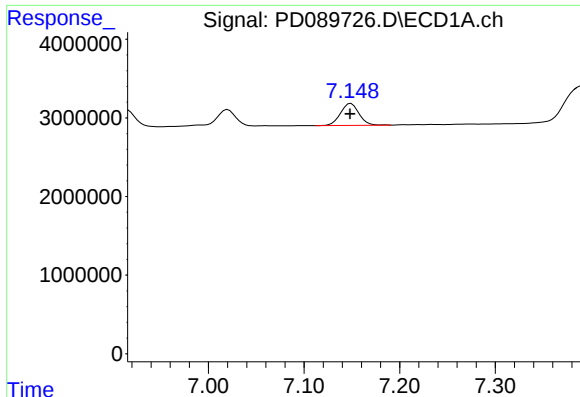
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.001 min
Response: 3260368
Conc: 1.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 20636108
Conc: 1.60 ng/ml



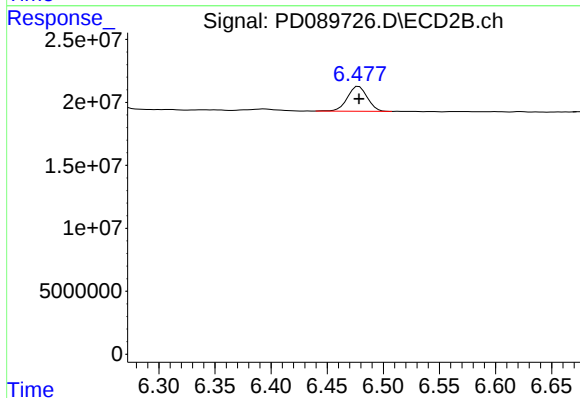
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.001 min
Response: 3774223
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

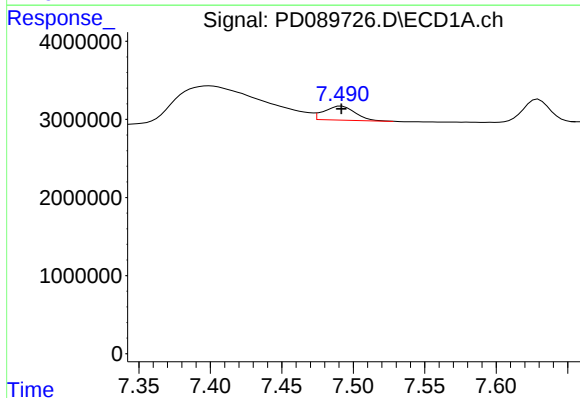
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



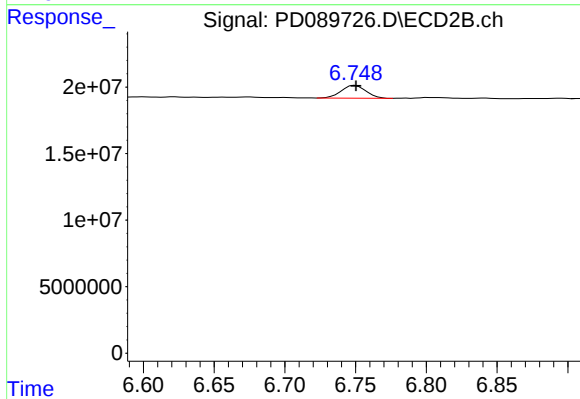
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 24344008
Conc: 1.31 ng/ml



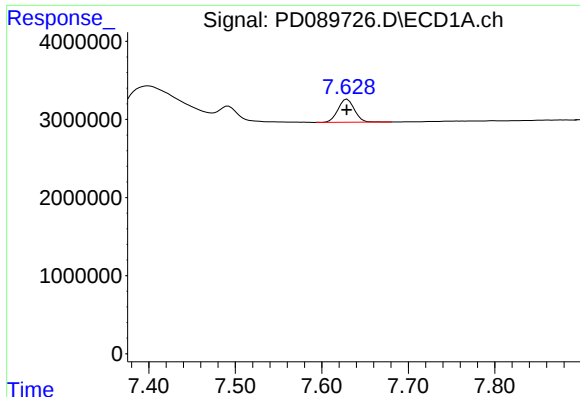
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.001 min
Response: 2648894
Conc: 1.48 ng/ml m



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 11673299
Conc: 1.19 ng/ml



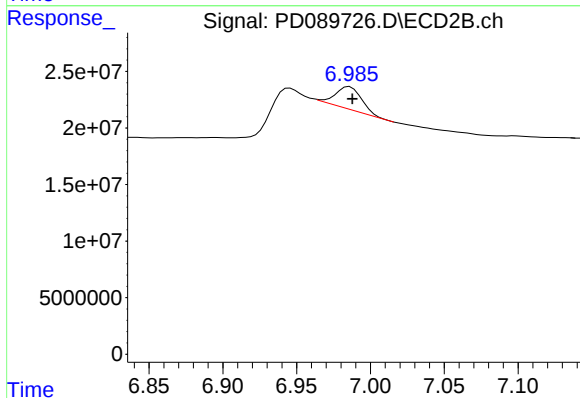
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 3868631
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

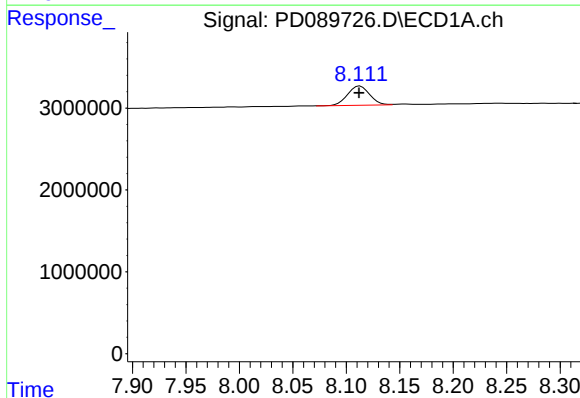
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



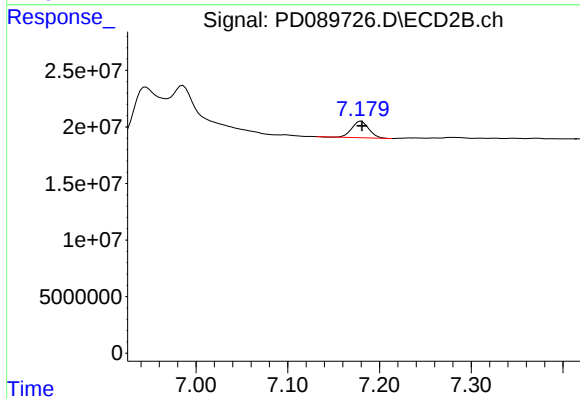
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 24074411
Conc: 1.20 ng/ml m



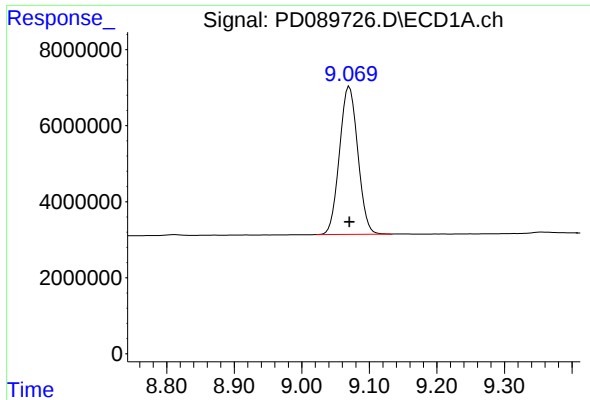
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.001 min
Response: 3397534
Conc: 1.22 ng/ml



#22 Mirex

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 18757567
Conc: 1.23 ng/ml



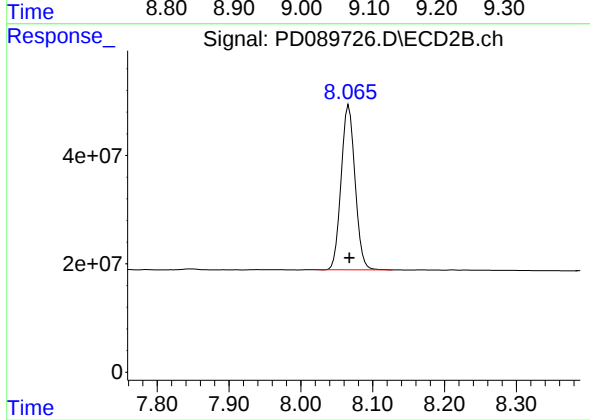
#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 73343122
Conc: 19.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2025

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: -0.001 min
Response: 408836996
Conc: 20.36 ng/ml