

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070925\
 Data File : PL096285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 12:28
 Operator : AR\AJ
 Sample : Q2126-09
 Misc : MDL PEST 1PPB
 ALS Vial : 10 Sample Multiplier: 1

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

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 06:39:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.536	2.825	66535468	104.2E6	18.234	18.048
28)	SA Decachlor...	9.024	7.996	55918082	94105253	19.878	18.872
Target Compounds							
2)	A alpha-BHC	3.982	3.330	3803871	6382749	0.740m	0.757
3)	MA gamma-BHC...	4.312	3.663	4227361	6214860	0.849	0.789
4)	MA Heptachlor	4.905	4.012	4149385	9143157	0.906m	1.202m#
5)	MB Aldrin	5.244	4.296	3765960	5575452	0.779m	0.764
6)	B beta-BHC	4.497	3.958	2080444	3295143	1.001m	0.962m
7)	B delta-BHC	4.744	4.191	5072444	7039804	1.132m	0.914m
8)	B Heptachlo...	5.664	4.799	4291777	6078869	1.034m	0.909
9)	A Endosulfan I	6.046	5.170	3728506	6295524	0.924m	0.878
10)	B gamma-Chl...	5.918	5.051	4105258	6487740	0.928m	0.924
11)	B alpha-Chl...	5.999	5.115	4052289	6515709	0.925m	0.866
12)	B 4,4'-DDE	6.169	5.305	3293325	5300805	0.888m	0.820
13)	MA Dieldrin	6.319	5.434	4444237	6575308	1.051m	0.964m
14)	MA Endrin	6.545	5.711	3969378	6281038	1.276m	1.030
15)	B Endosulfa...	6.757	6.002	4625124	5950442	1.333m	1.015
16)	A 4,4'-DDD	6.679	5.856	2980628	5423593	1.024m	1.058m
17)	MA 4,4'-DDT	6.993	6.109	2805593	4660006	0.924m	0.813m
18)	B Endrin al...	6.888	6.179	2711890	5715016	1.213m	1.283m
19)	B Endosulfa...	7.121	6.405	3542878	5610143	1.158m	0.997
20)	A Methoxychlor	7.464	6.682	1444061	3089396	0.917m	1.017m
21)	B Endrin ke...	7.601	6.909	3874482	7752424	1.174m	1.240
22)	Mirex	8.080	7.099	3185899	5065955	1.145m	1.020m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070925\
Data File : PL096285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 12:28
Operator : AR\AJ
Sample : Q2126-09
Misc : MDL PEST 1PPB
ALS Vial : 10 Sample Multiplier: 1

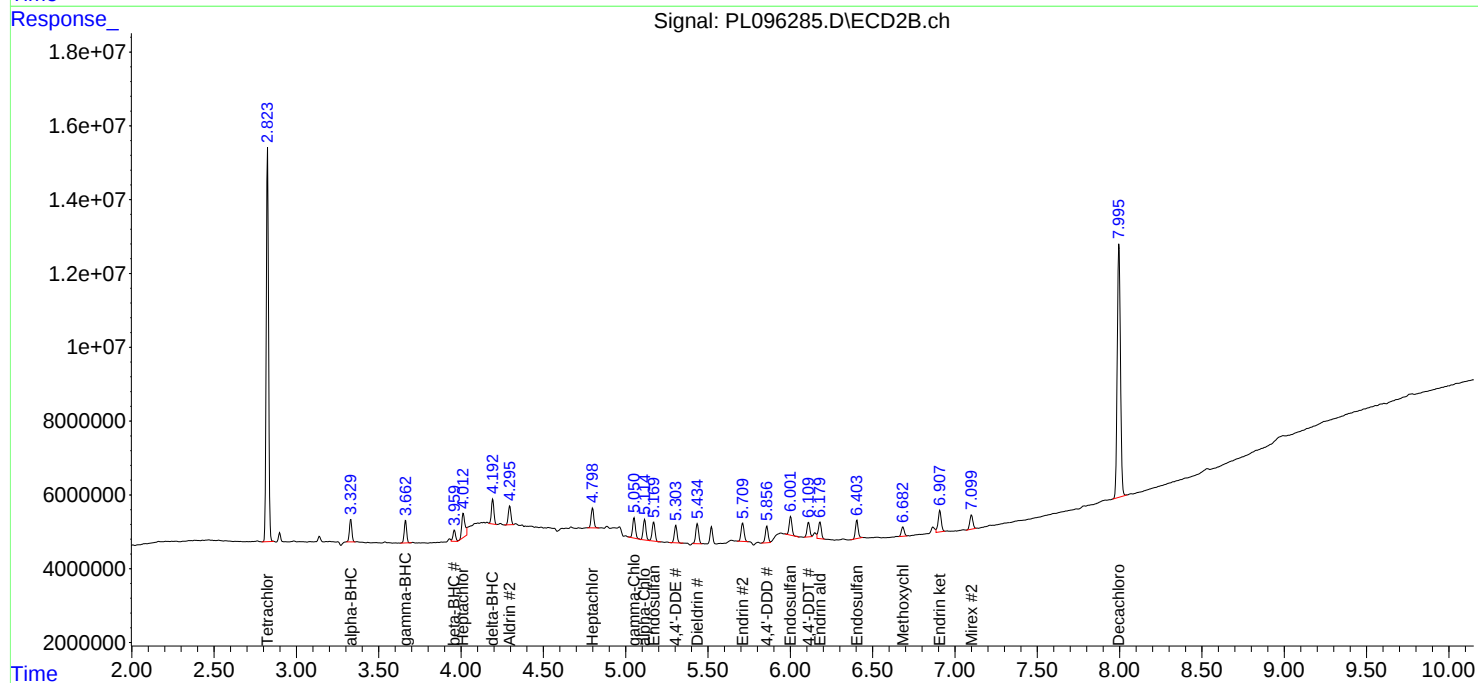
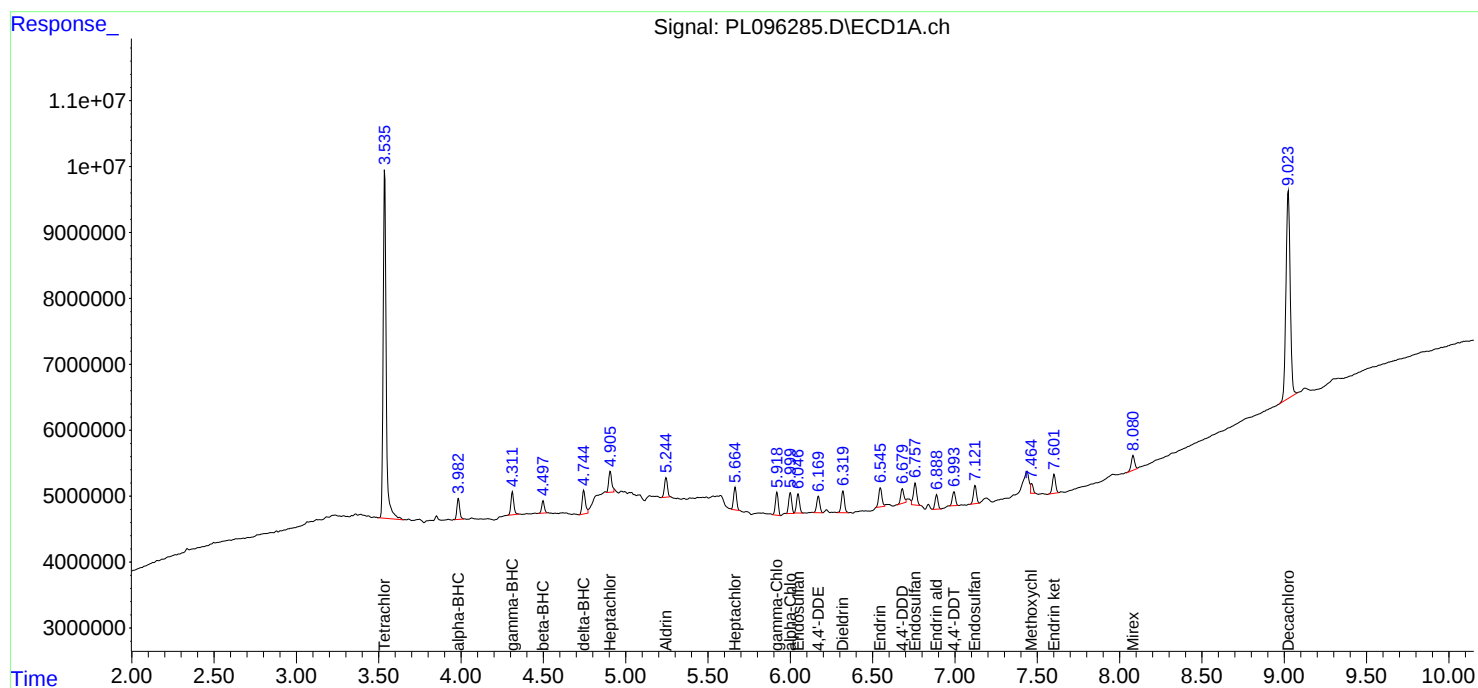
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2025

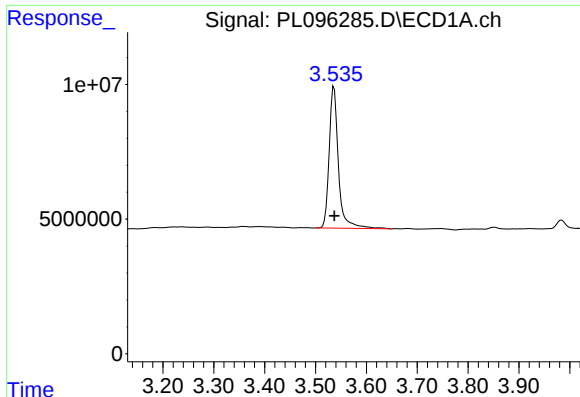
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 06:39:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
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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 x0.25µm





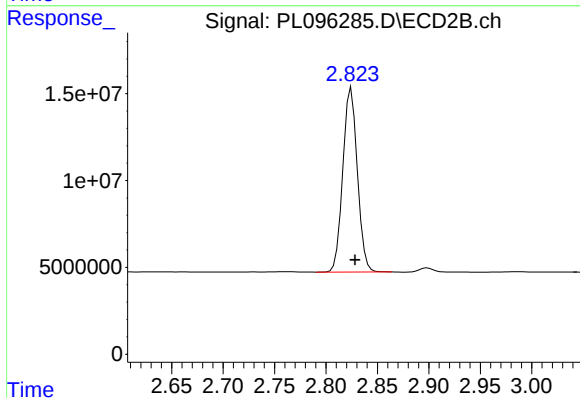
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 66535468
Conc: 18.23 ng/ml

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

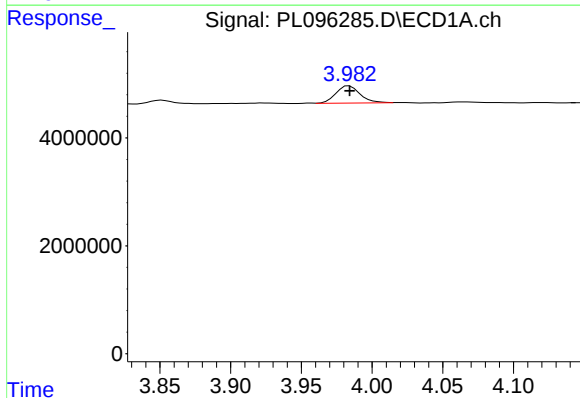
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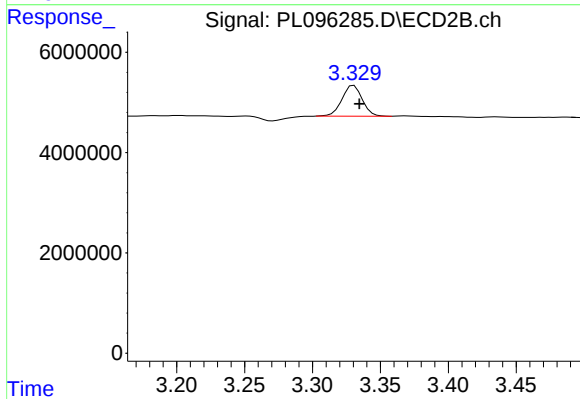
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.004 min
Response: 104160463
Conc: 18.05 ng/ml



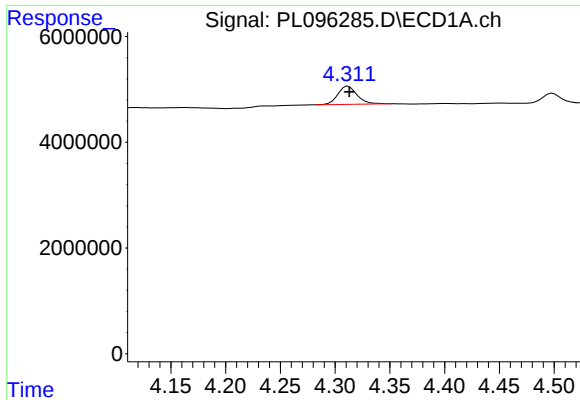
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.002 min
Response: 3803871
Conc: 0.74 ng/ml m



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.004 min
Response: 6382749
Conc: 0.76 ng/ml



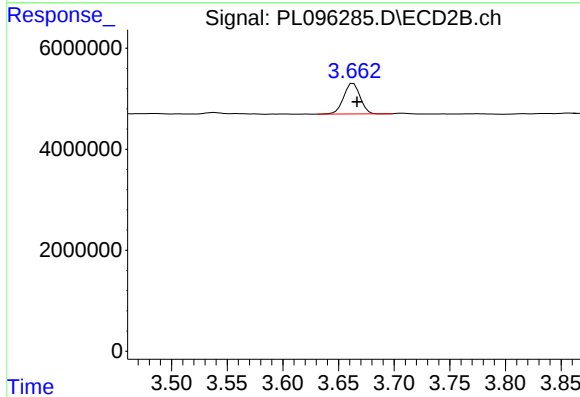
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 4227361
Conc: 0.85 ng/ml

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

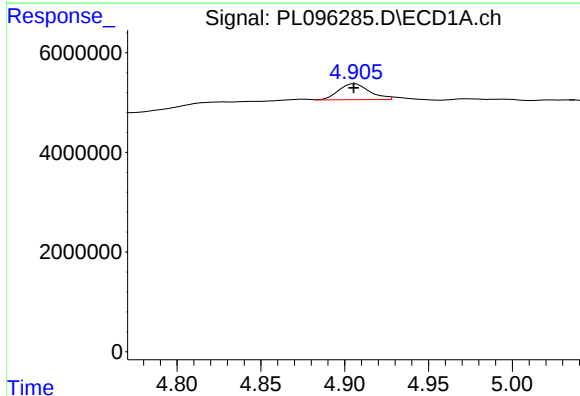
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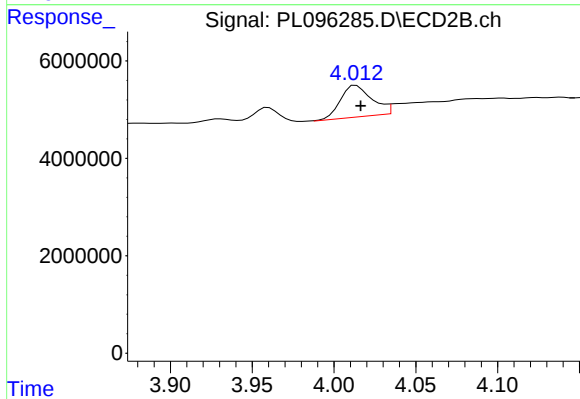
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.003 min
Response: 6214860
Conc: 0.79 ng/ml



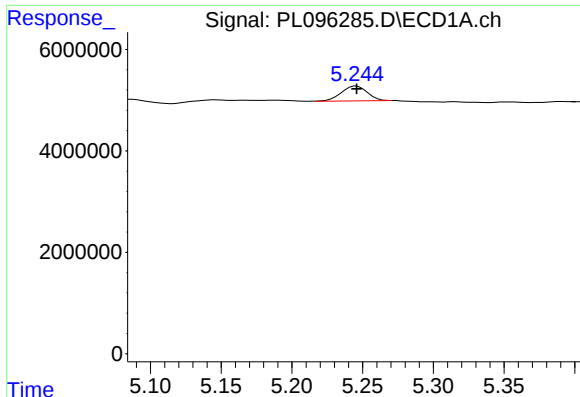
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 4149385
Conc: 0.91 ng/ml m



#4 Heptachlor

R.T.: 4.012 min
Delta R.T.: -0.004 min
Response: 9143157
Conc: 1.20 ng/ml m



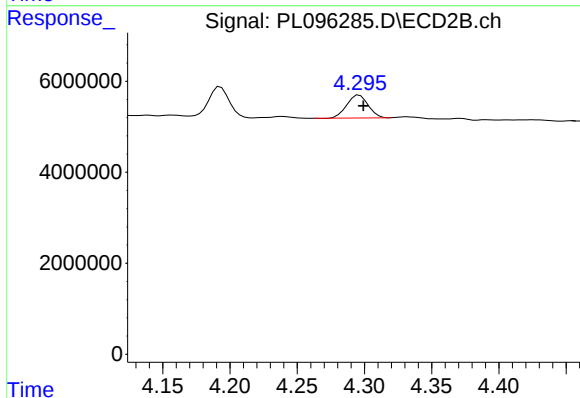
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 3765960
Conc: 0.78 ng/ml

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

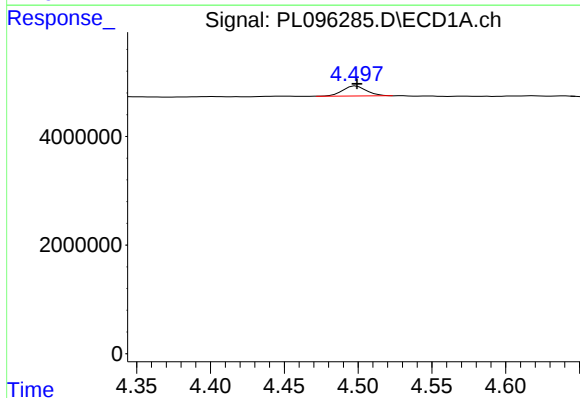
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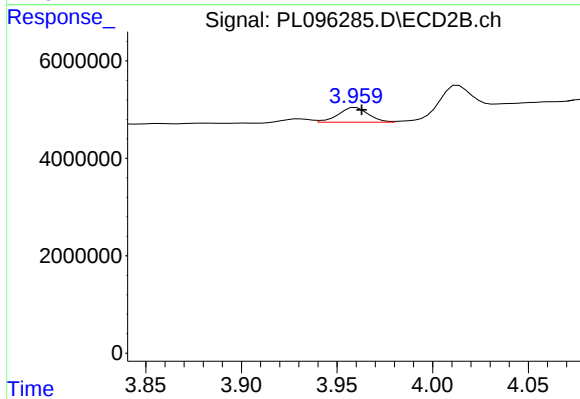
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 5575452
Conc: 0.76 ng/ml



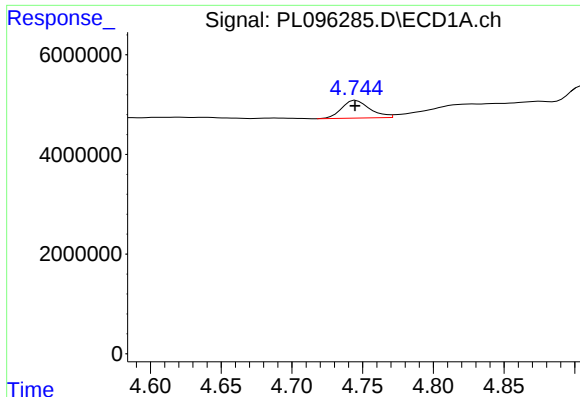
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 2080444
Conc: 1.00 ng/ml m



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: -0.005 min
Response: 3295143
Conc: 0.96 ng/ml m



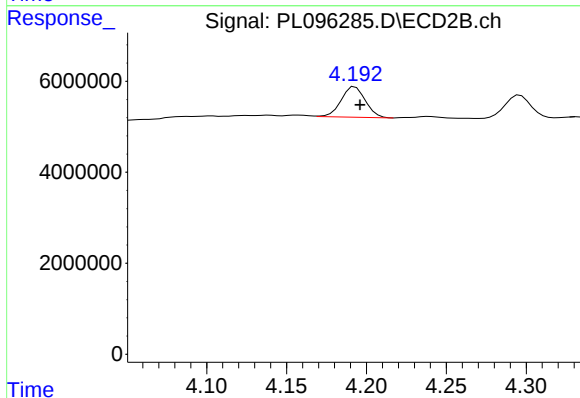
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 5072444
Conc: 1.13 ng/ml

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

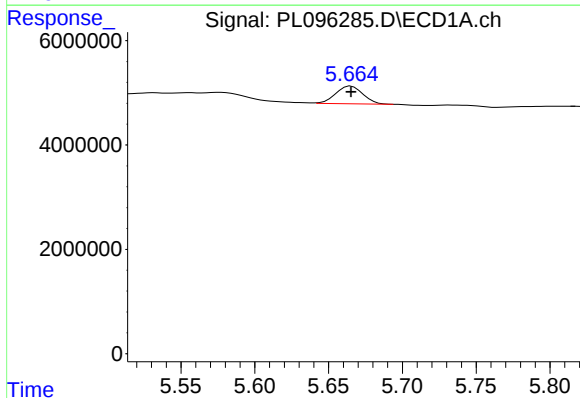
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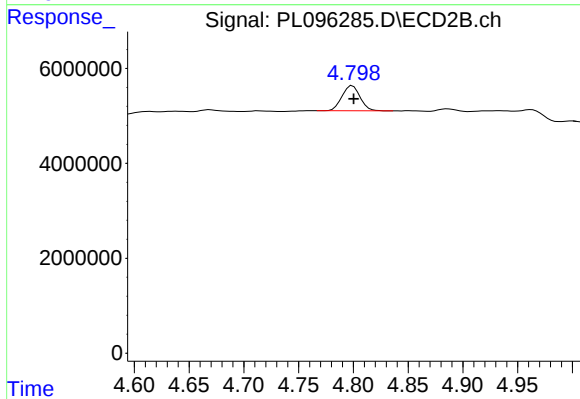
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 7039804
Conc: 0.91 ng/ml m



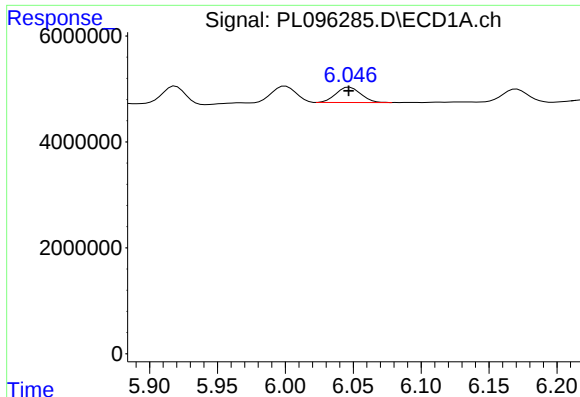
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 4291777
Conc: 1.03 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 6078869
Conc: 0.91 ng/ml



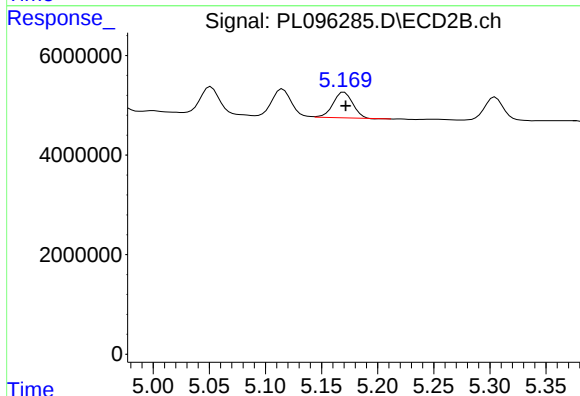
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 3728506
Conc: 0.92 ng/ml

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

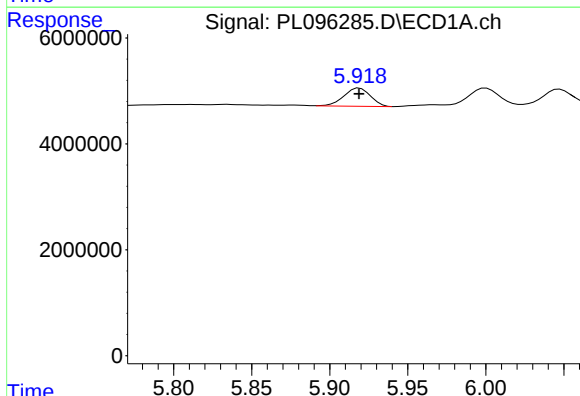
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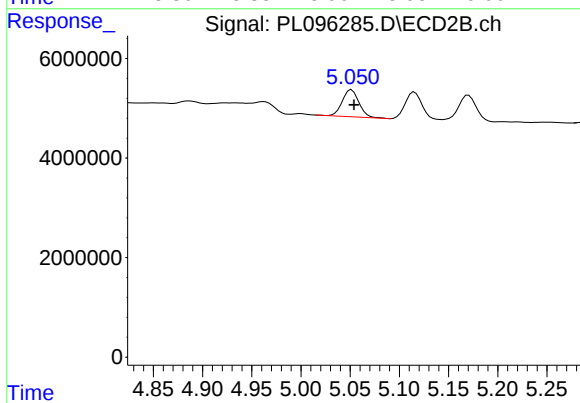
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 6295524
Conc: 0.88 ng/ml



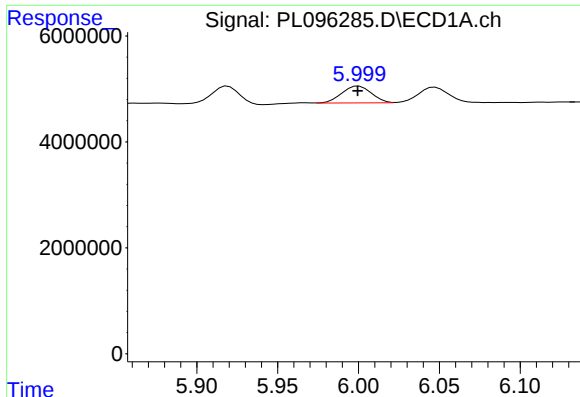
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 4105258
Conc: 0.93 ng/ml m



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 6487740
Conc: 0.92 ng/ml



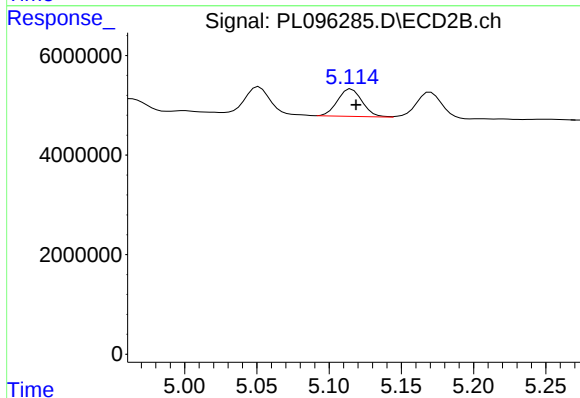
#11 alpha-Chlordane

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 4052289
Conc: 0.93 ng/ml

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

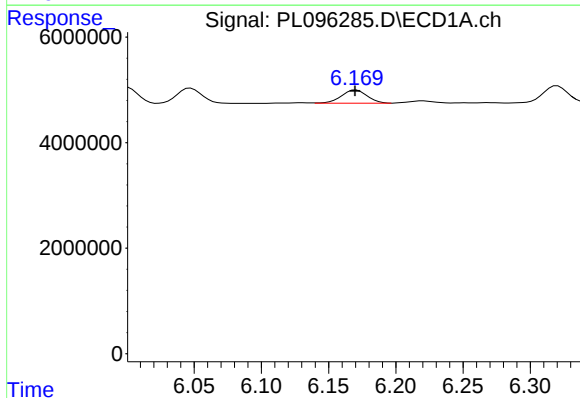
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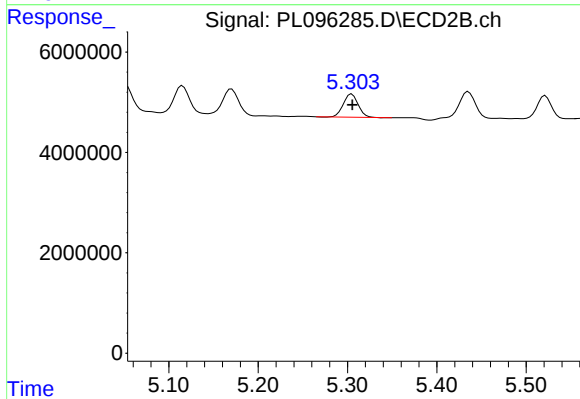
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 6515709
Conc: 0.87 ng/ml



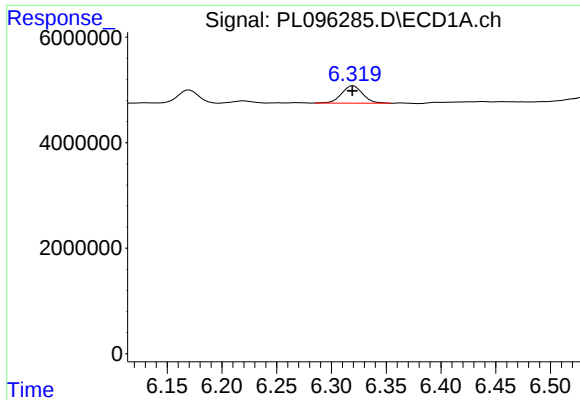
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 3293325
Conc: 0.89 ng/ml m



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 5300805
Conc: 0.82 ng/ml



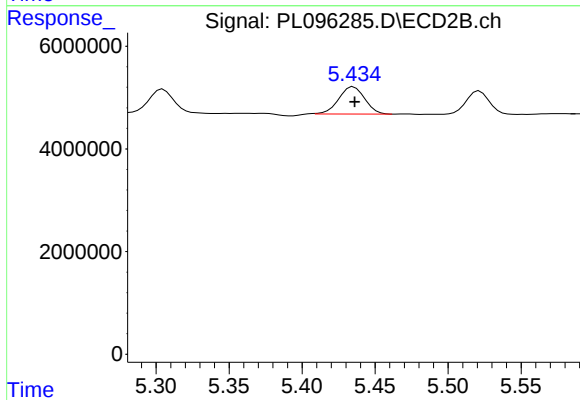
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 4444237
Conc: 1.05 ng/ml

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

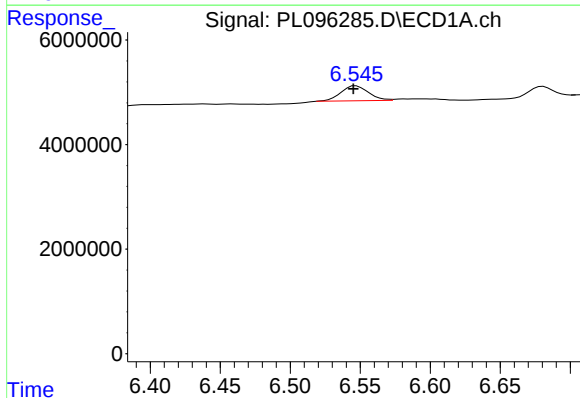
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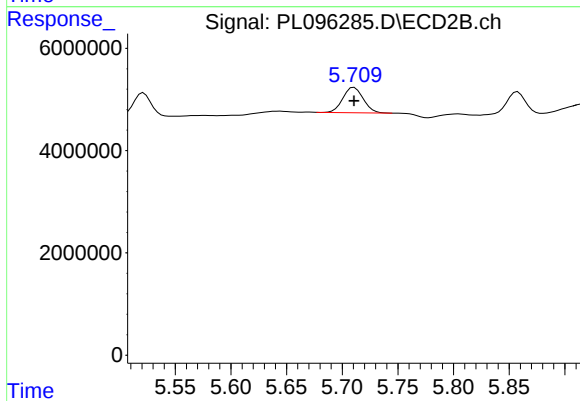
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 6575308
Conc: 0.96 ng/ml m



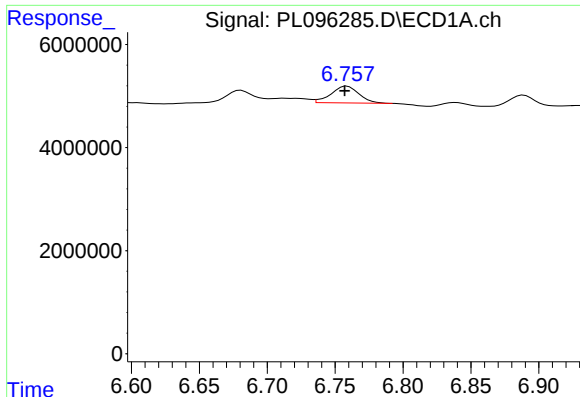
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 3969378
Conc: 1.28 ng/ml m



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 6281038
Conc: 1.03 ng/ml



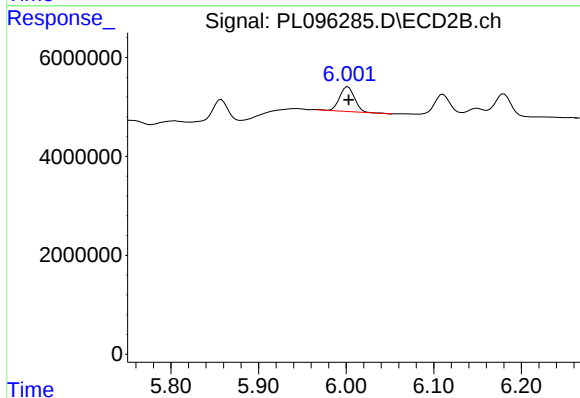
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 4625124
Conc: 1.33 ng/ml

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

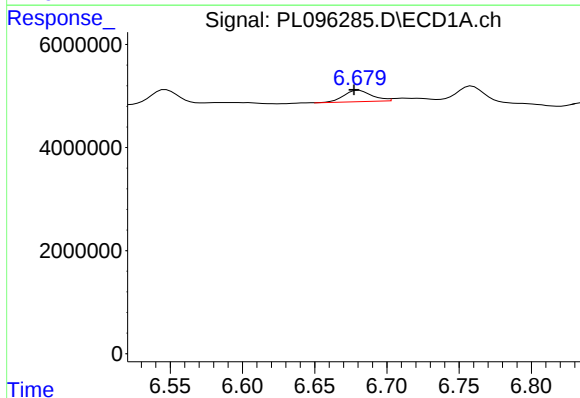
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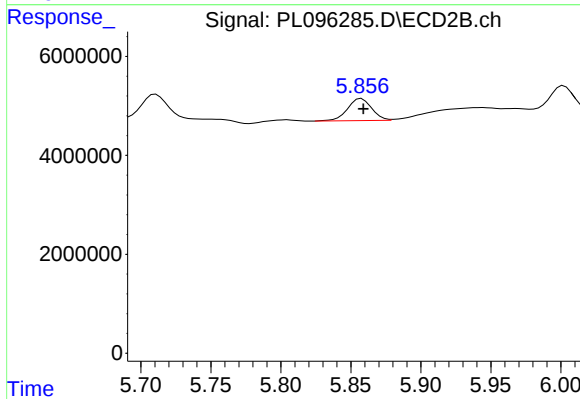
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 5950442
Conc: 1.01 ng/ml



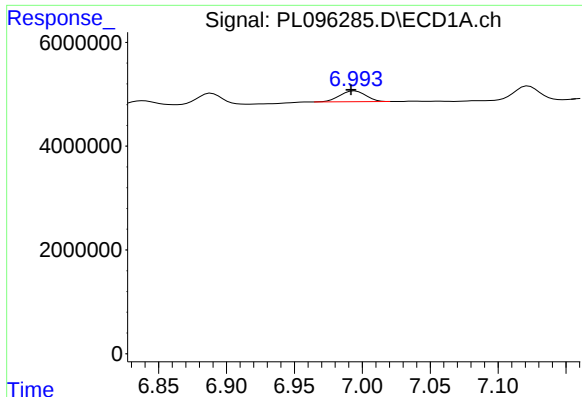
#16 4,4'-DDD

R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 2980628
Conc: 1.02 ng/ml m



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 5423593
Conc: 1.06 ng/ml m



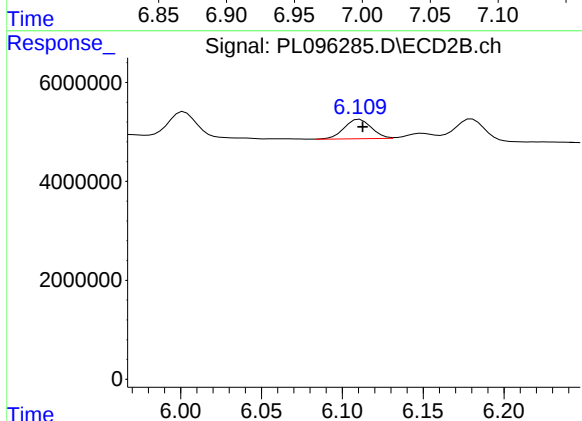
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.002 min
Response: 2805593
Conc: 0.92 ng/ml

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

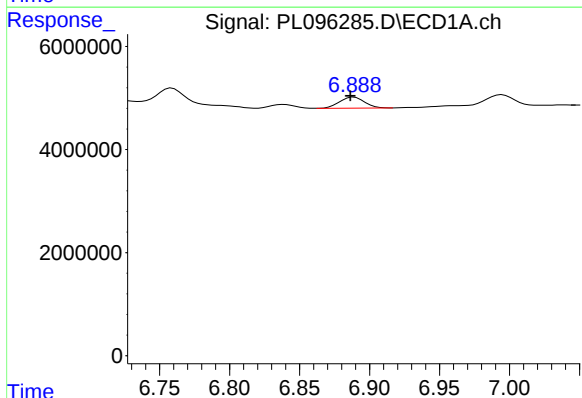
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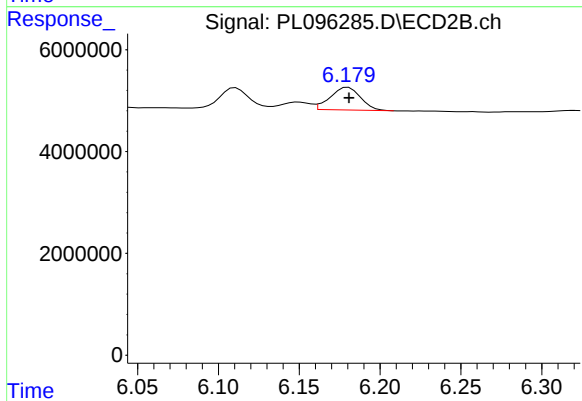
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 4660006
Conc: 0.81 ng/ml m



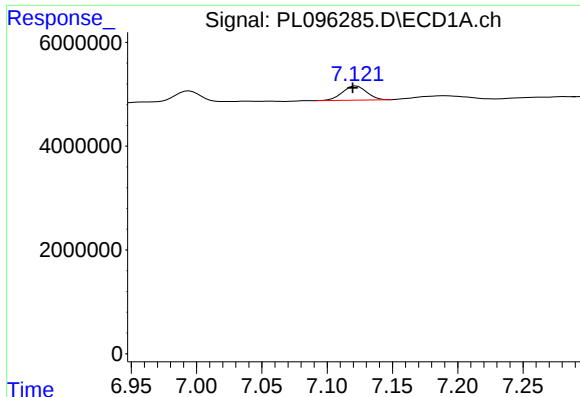
#18 Endrin aldehyde

R.T.: 6.888 min
Delta R.T.: 0.001 min
Response: 2711890
Conc: 1.21 ng/ml m



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 5715016
Conc: 1.28 ng/ml m



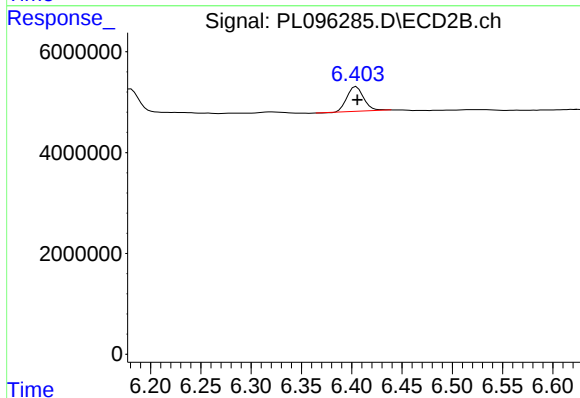
#19 Endosulfan Sulfate

R.T.: 7.121 min
Delta R.T.: 0.002 min
Response: 3542878
Conc: 1.16 ng/ml

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

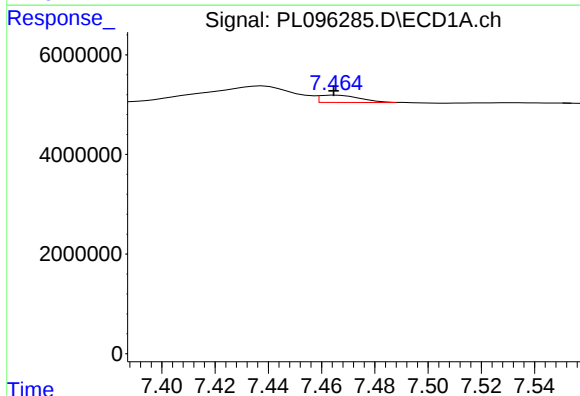
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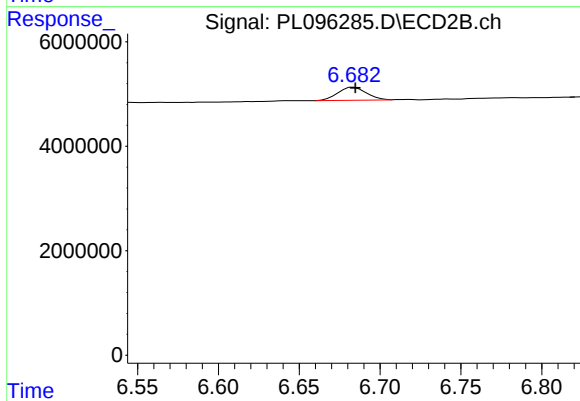
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: -0.001 min
Response: 5610143
Conc: 1.00 ng/ml



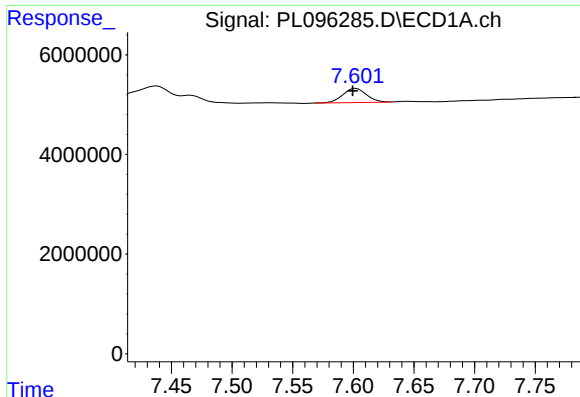
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 1444061
Conc: 0.92 ng/ml m



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 3089396
Conc: 1.02 ng/ml m



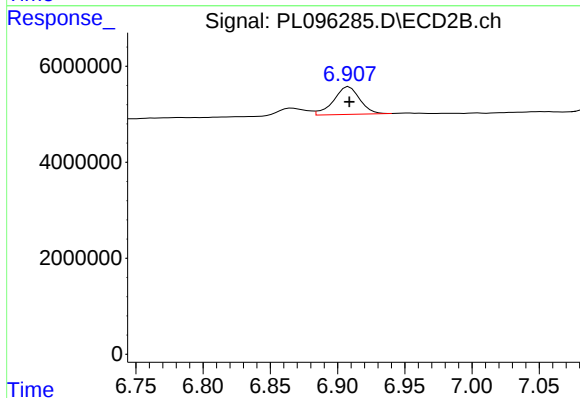
#21 Endrin ketone

R.T.: 7.601 min
Delta R.T.: 0.002 min
Response: 3874482
Conc: 1.17 ng/ml

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

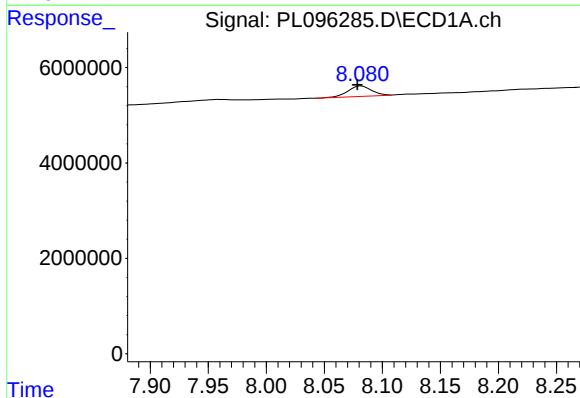
Manual Integrations
APPROVED

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



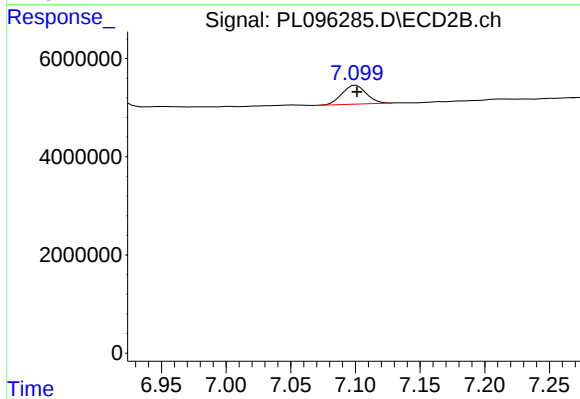
#21 Endrin ketone

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 7752424
Conc: 1.24 ng/ml



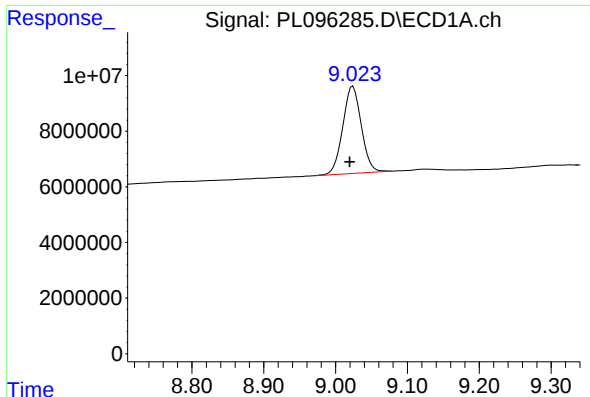
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.002 min
Response: 3185899
Conc: 1.15 ng/ml m



#22 Mirex

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 5065955
Conc: 1.02 ng/ml m



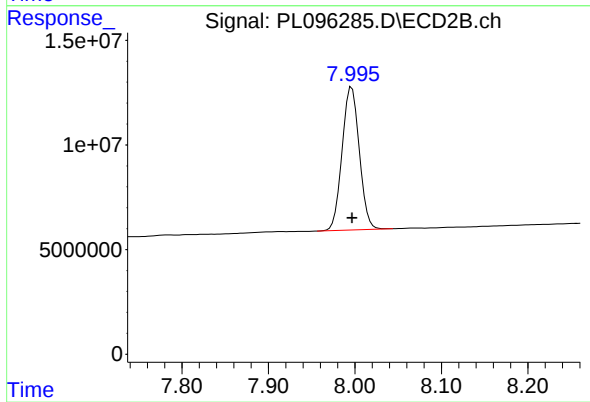
#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.004 min
Response: 55918082
Conc: 19.88 ng/ml

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

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 94105253
Conc: 18.87 ng/ml