

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
 Data File : PL096661.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 12:47
 Operator : AR\AJ
 Sample : Q2126-09
 Misc : MDL PEST 1PPB
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2025
 Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 02:48:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.534	2.824	58091825	90803192	18.263	19.005
28)	SA Decachlor...	9.020	7.992	48323050	95003826	20.264	21.899
Target Compounds							
2)	A alpha-BHC	3.980	3.329	3285212	5441814	0.710m	0.769
3)	MA gamma-BHC...	4.309	3.660	3385423	5600952	0.765m	0.848m
4)	MA Heptachlor	4.901	4.011	3569345	5991145	0.859m	0.899
5)	MB Aldrin	5.241	4.294	4376570	4498795	1.018m	0.725 #
6)	B beta-BHC	4.496	3.953	1683333	3349824	0.933m	1.188m#
7)	B delta-BHC	4.742	4.192	4403768	5645291	1.104m	0.872
8)	B Heptachlo...	5.660	4.797	4995651	5971271	1.295m	1.046
9)	A Endosulfan I	6.043	5.167	3486511	5644330	0.969m	1.020
10)	B gamma-Chl...	5.915	5.049	3601880	5128438	0.947m	0.872
11)	B alpha-Chl...	5.996	5.111	3521203	7483047	0.913m	1.269m#
12)	B 4,4'-DDE	6.166	5.300	2883723	4853164	0.898m	0.880m
13)	MA Dieldrin	6.316	5.432	4223877	6017374	1.138m	1.019m
14)	MA Endrin	6.542	5.713	2552705	11905209	0.843m	2.202 #
15)	B Endosulfa...	6.750	5.999	6998094	8604419	2.185m	1.675m
16)	A 4,4'-DDD	6.675	5.854	2664207	4623921	1.054m	0.983m
17)	MA 4,4'-DDT	6.991	6.104	2529324	5032720	0.882m	0.995
19)	B Endosulfa...	7.118	6.402	3276515	5666630	1.140m	1.114
20)	A Methoxychlor	7.463	6.680	2494973	2599659	1.699m	0.949m#
21)	B Endrin ke...	7.598	6.904	3436727	9709382	1.143m	1.743m#
22)	Mirex	8.079	7.096	2984187	5479176	1.204m	1.256m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073125\
Data File : PL096661.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 12:47
Operator : AR\AJ
Sample : Q2126-09
Misc : MDL PEST 1PPB
ALS Vial : 8 Sample Multiplier: 1

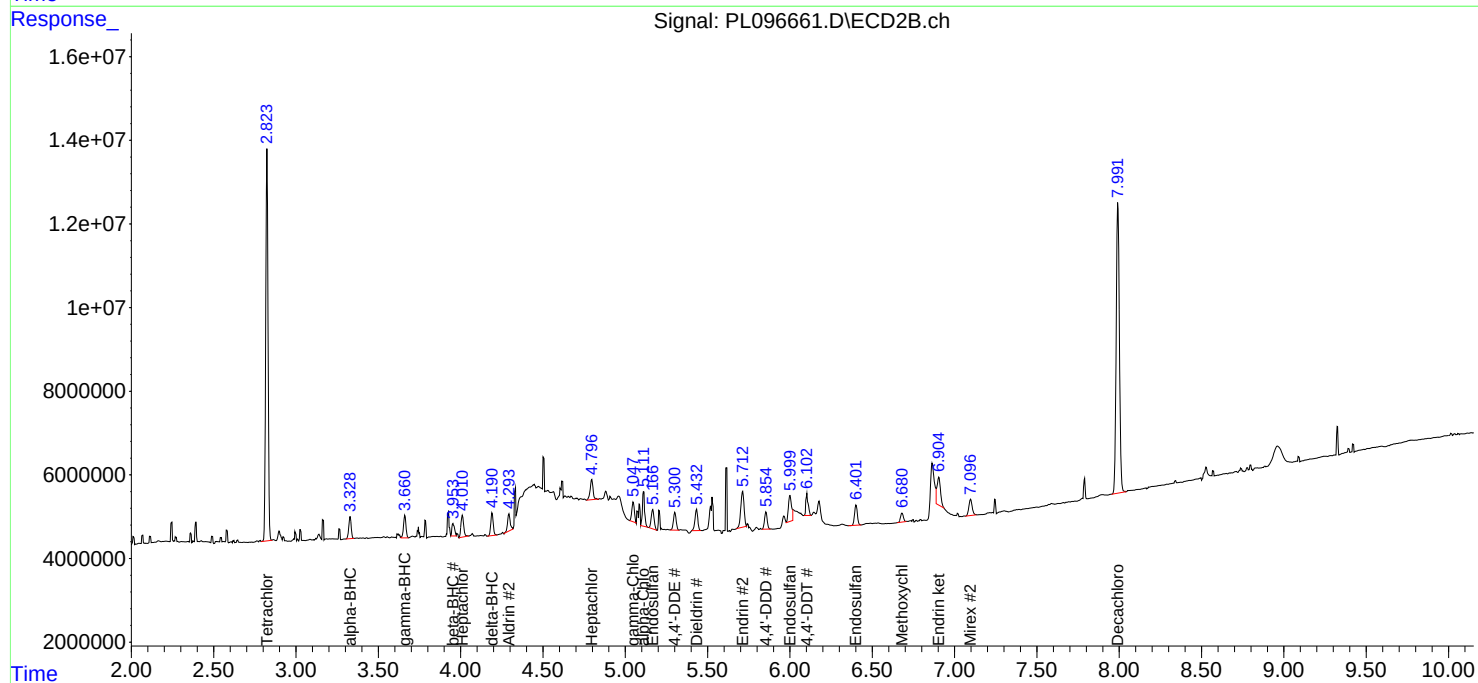
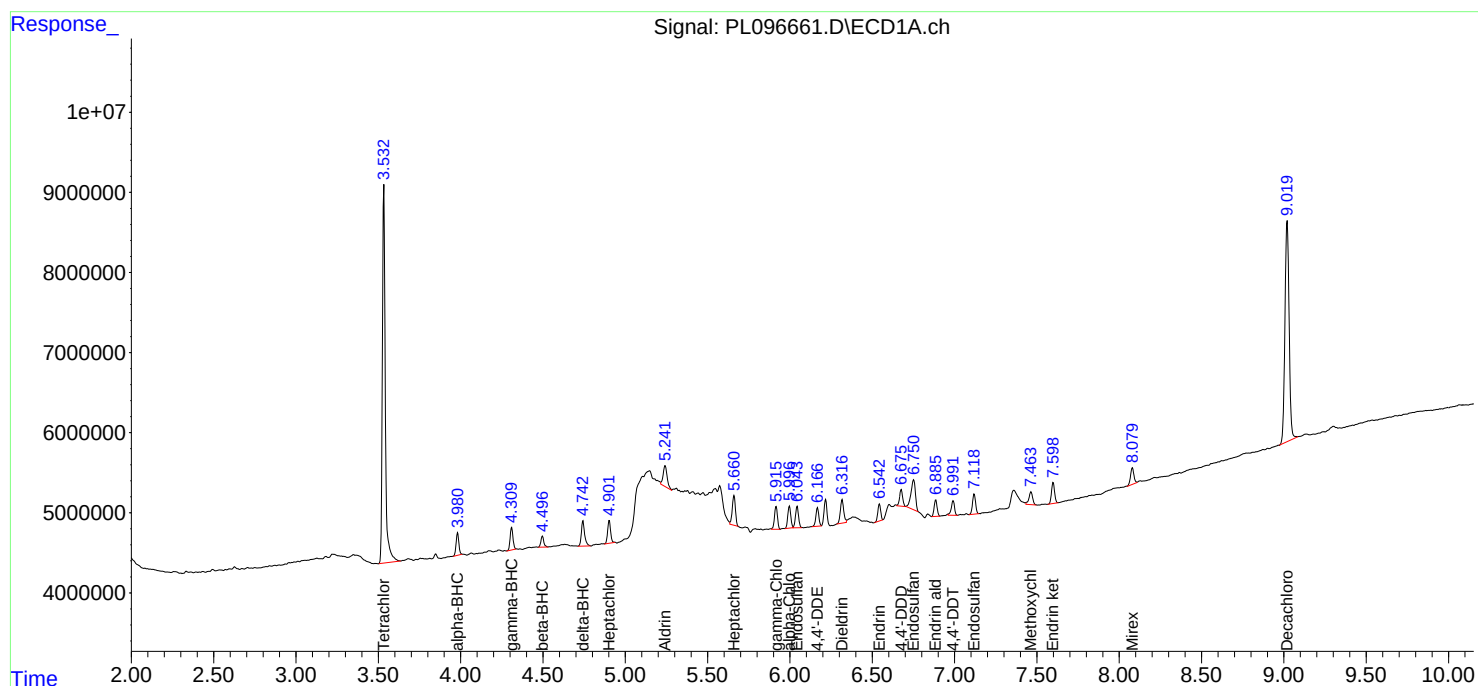
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2025

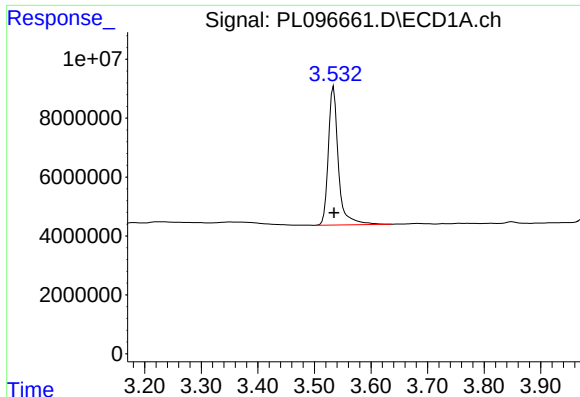
Manual Integrations
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Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 02:48:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





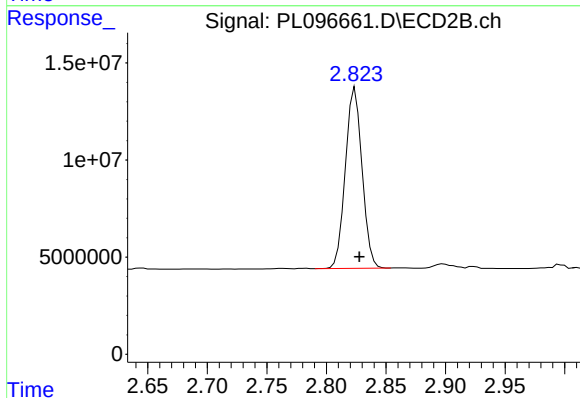
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.001 min
Response: 58091825
Conc: 18.26 ng/ml

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

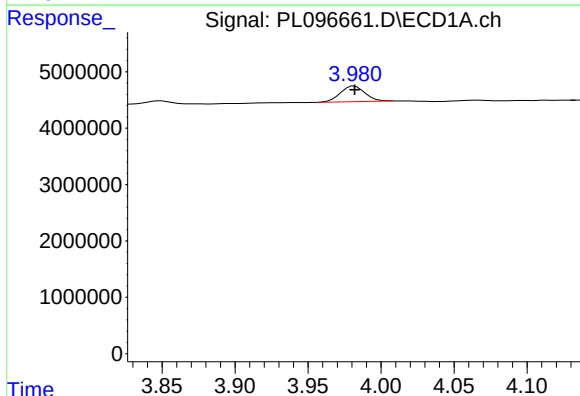
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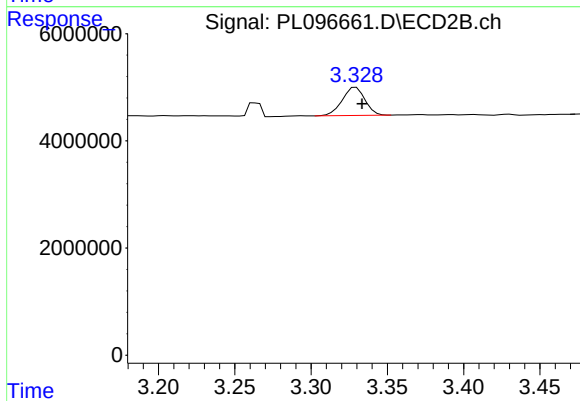
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 90803192
Conc: 19.01 ng/ml



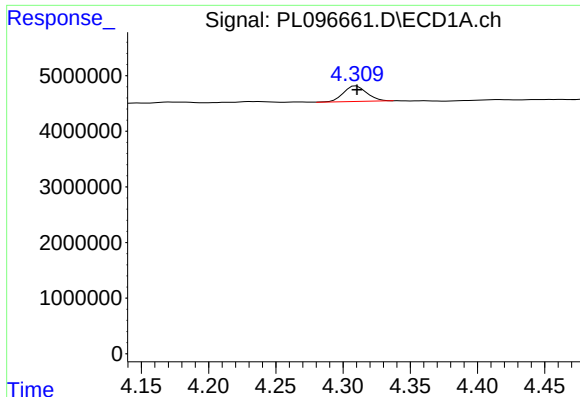
#2 alpha-BHC

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 3285212
Conc: 0.71 ng/ml m



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.004 min
Response: 5441814
Conc: 0.77 ng/ml



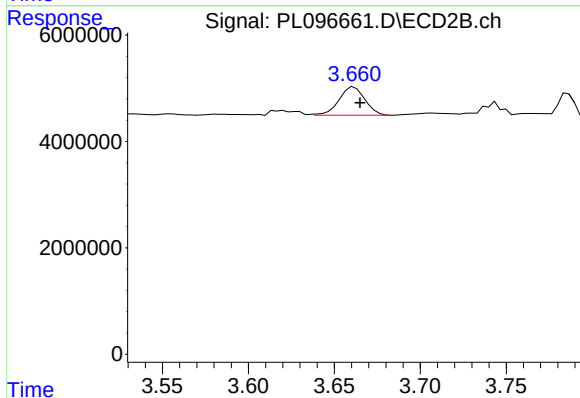
#3 gamma-BHC (Lindane)

R.T.: 4.309 min
Delta R.T.: -0.002 min
Response: 3385423
Conc: 0.77 ng/ml

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

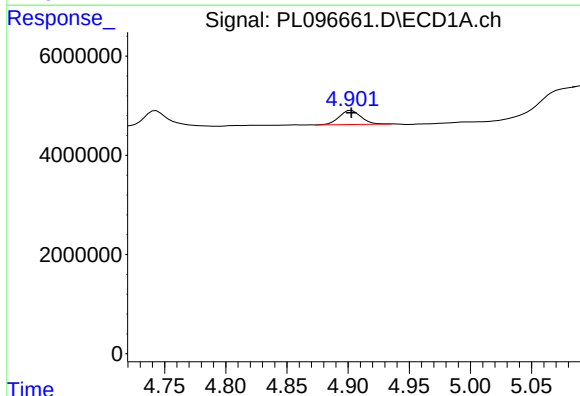
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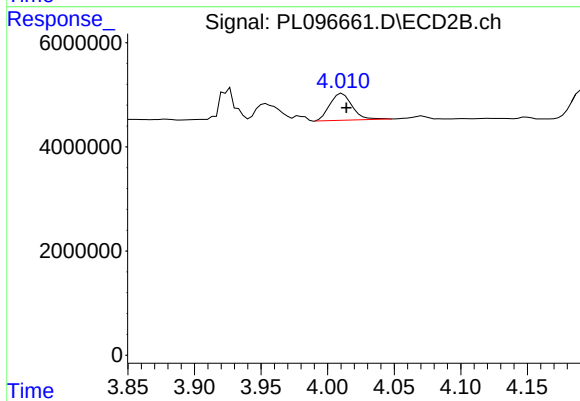
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.005 min
Response: 5600952
Conc: 0.85 ng/ml m



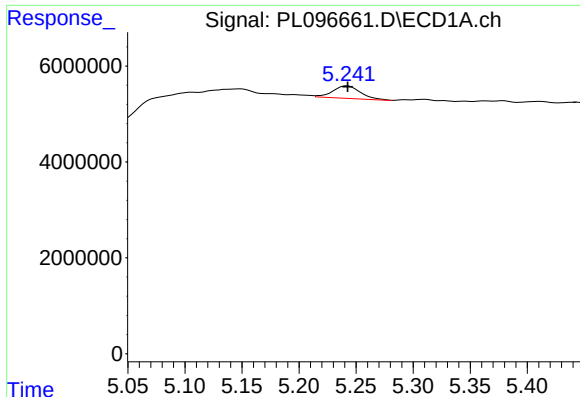
#4 Heptachlor

R.T.: 4.901 min
Delta R.T.: -0.001 min
Response: 3569345
Conc: 0.86 ng/ml m



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 5991145
Conc: 0.90 ng/ml



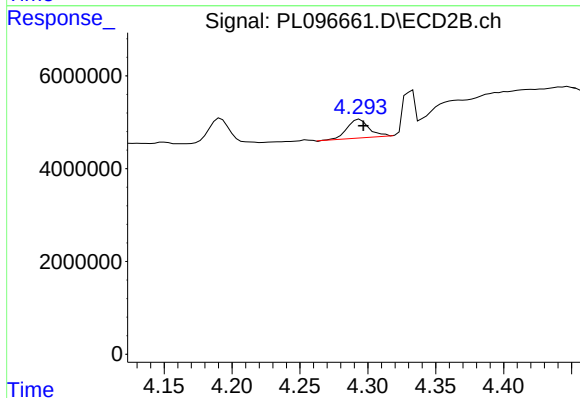
#5 Aldrin

R.T.: 5.241 min
Delta R.T.: -0.001 min
Response: 4376570
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
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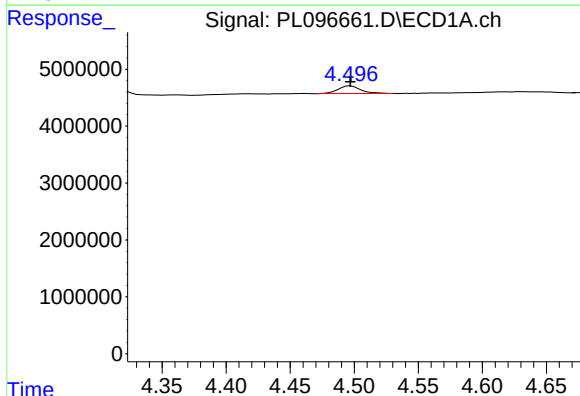
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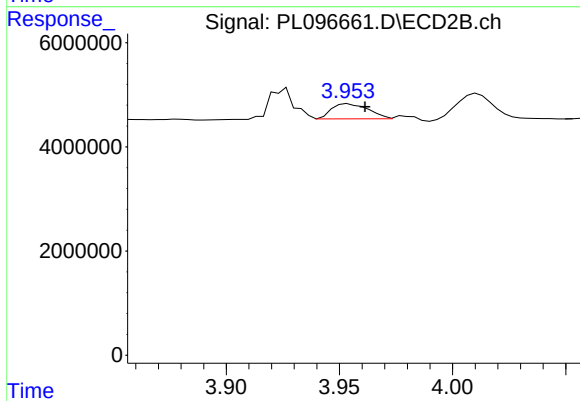
#5 Aldrin

R.T.: 4.294 min
Delta R.T.: -0.003 min
Response: 4498795
Conc: 0.72 ng/ml



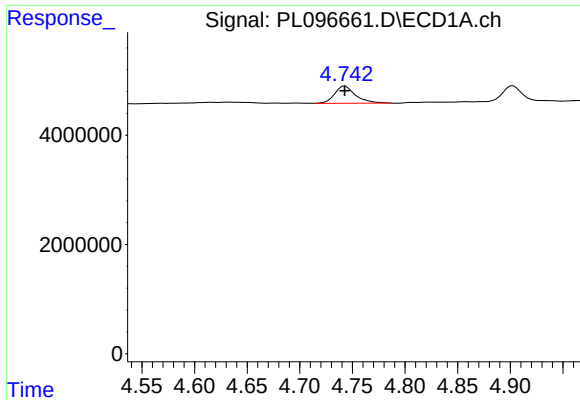
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 1683333
Conc: 0.93 ng/ml m



#6 beta-BHC

R.T.: 3.953 min
Delta R.T.: -0.009 min
Response: 3349824
Conc: 1.19 ng/ml m



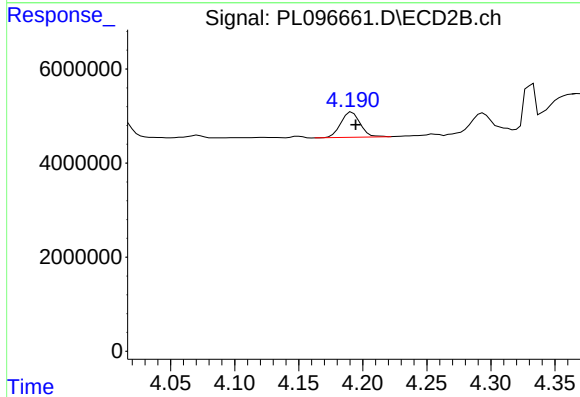
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 4403768
Conc: 1.10 ng/ml

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

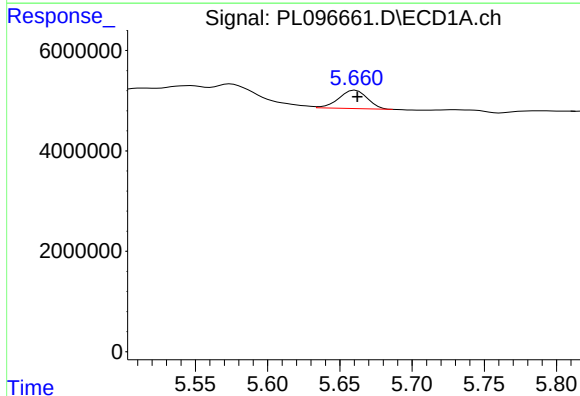
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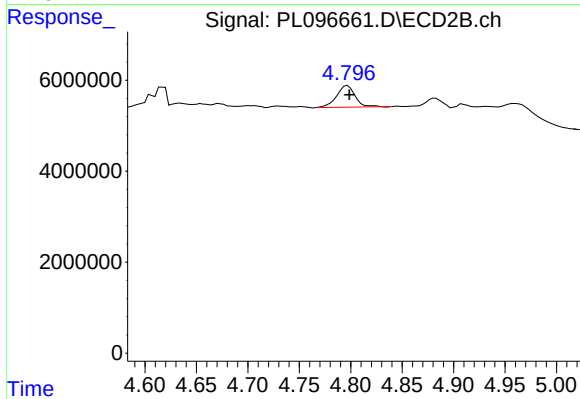
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.003 min
Response: 5645291
Conc: 0.87 ng/ml



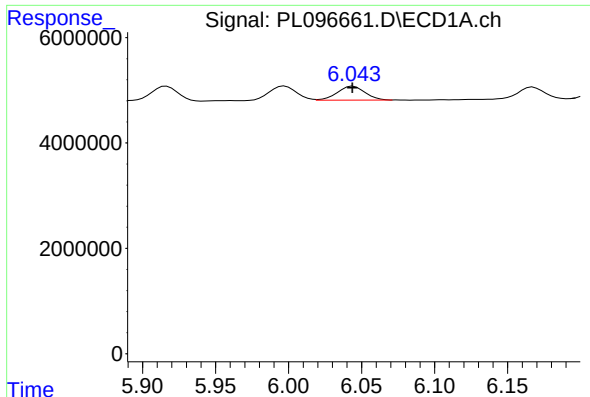
#8 Heptachlor epoxide

R.T.: 5.660 min
Delta R.T.: -0.003 min
Response: 4995651
Conc: 1.30 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 5971271
Conc: 1.05 ng/ml



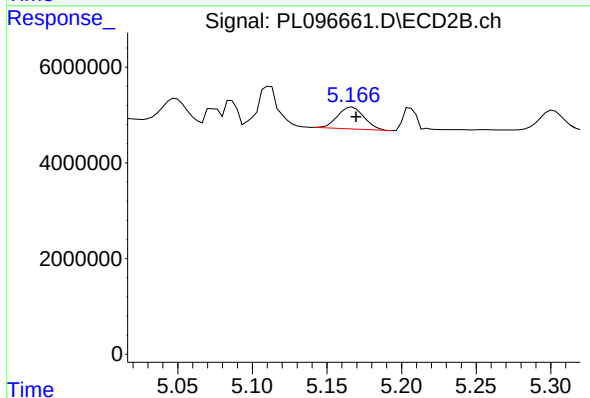
#9 Endosulfan I

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 3486511
Conc: 0.97 ng/ml

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

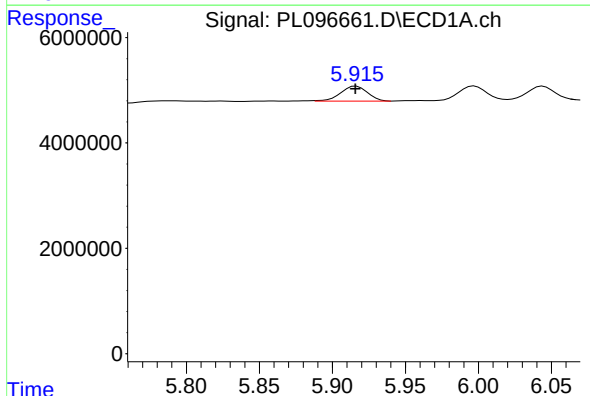
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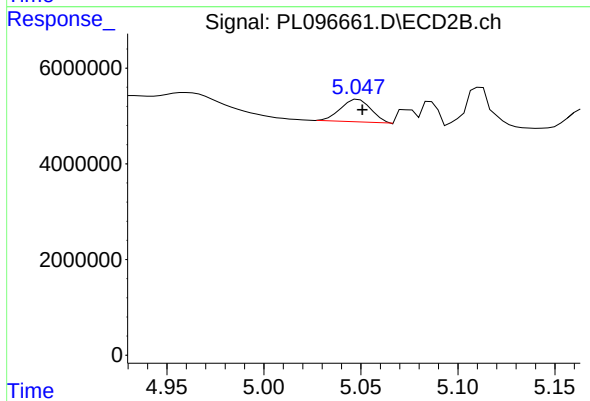
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 5644330
Conc: 1.02 ng/ml



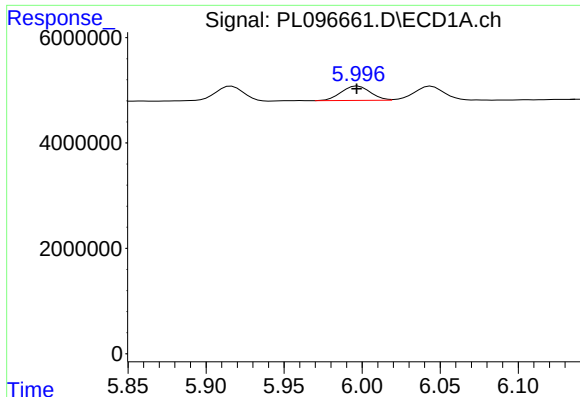
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 3601880
Conc: 0.95 ng/ml m



#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 5128438
Conc: 0.87 ng/ml



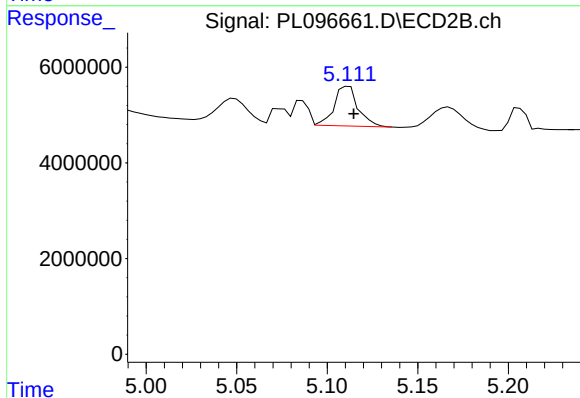
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 3521203
Conc: 0.91 ng/ml

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

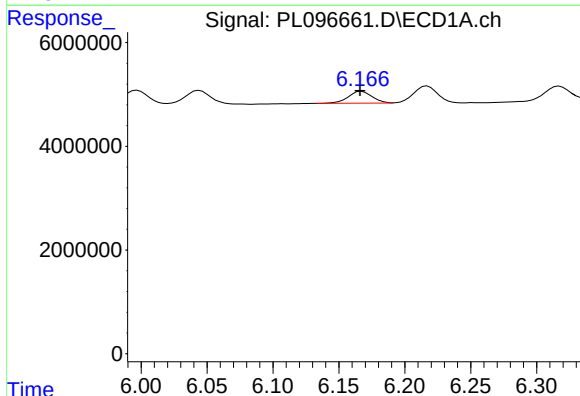
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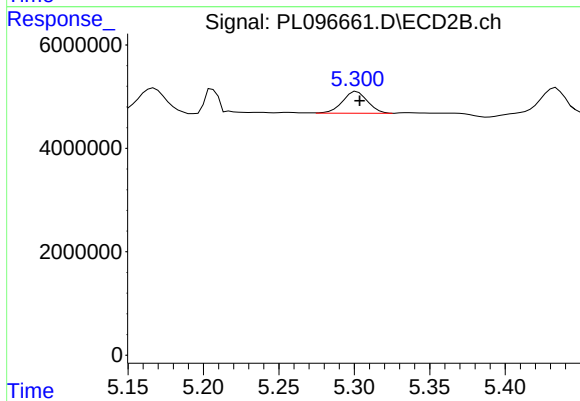
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 7483047
Conc: 1.27 ng/ml m



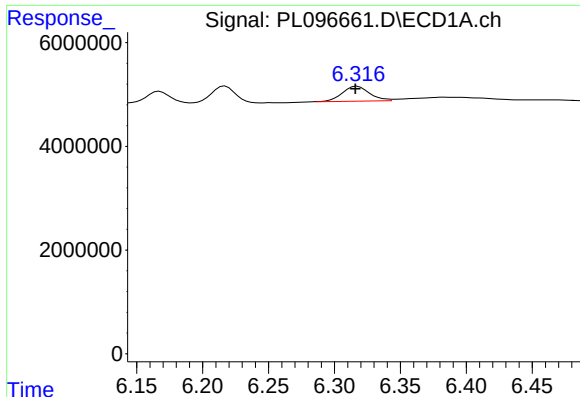
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 2883723
Conc: 0.90 ng/ml m



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.003 min
Response: 4853164
Conc: 0.88 ng/ml m



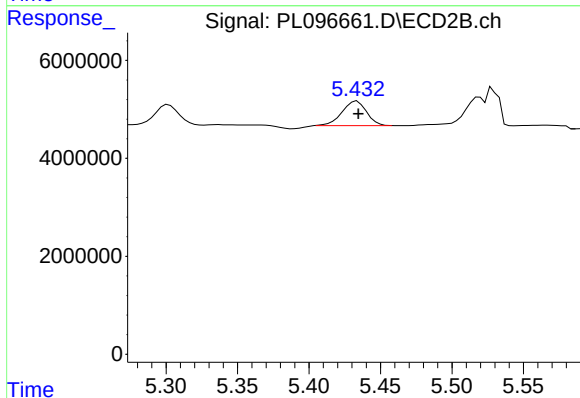
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 4223877
Conc: 1.14 ng/ml

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

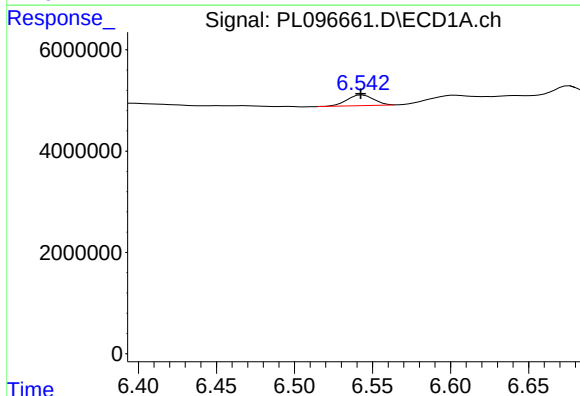
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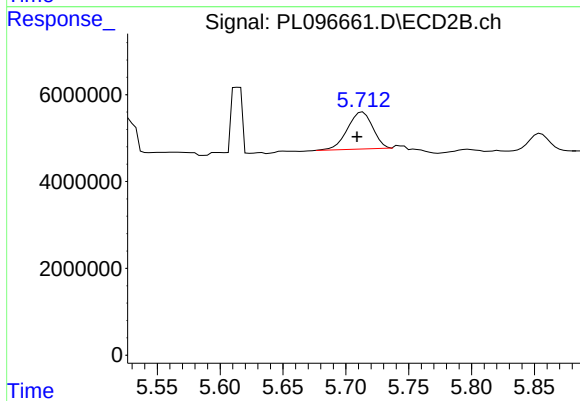
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.002 min
Response: 6017374
Conc: 1.02 ng/ml m



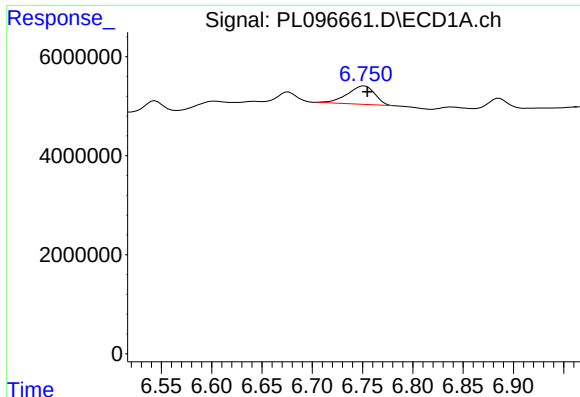
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 2552705
Conc: 0.84 ng/ml m



#14 Endrin

R.T.: 5.713 min
Delta R.T.: 0.004 min
Response: 11905209
Conc: 2.20 ng/ml



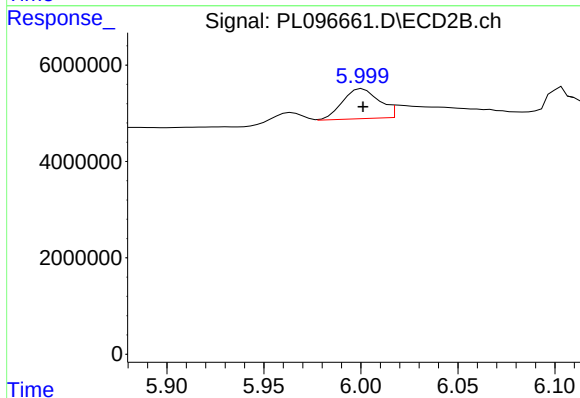
#15 Endosulfan II

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 6998094
Conc: 2.19 ng/ml

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

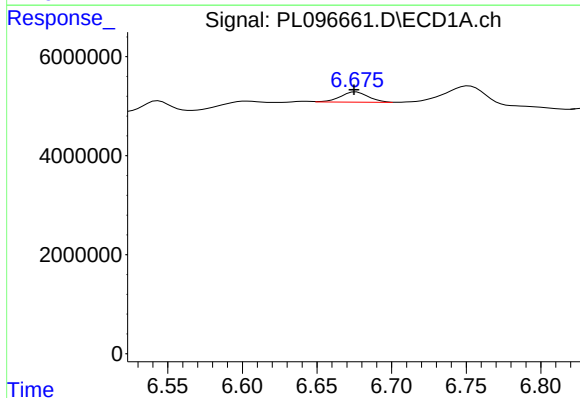
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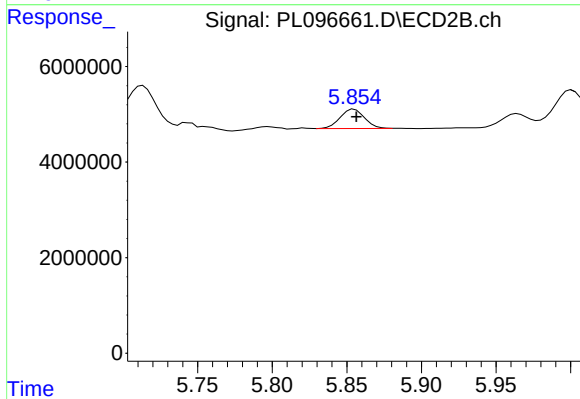
#15 Endosulfan II

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 8604419
Conc: 1.68 ng/ml m



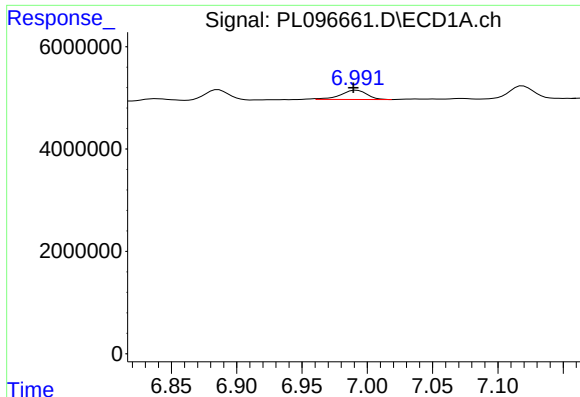
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 2664207
Conc: 1.05 ng/ml m



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 4623921
Conc: 0.98 ng/ml m



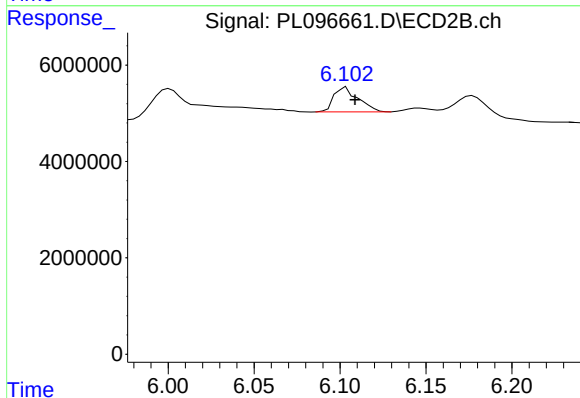
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: 0.001 min
Response: 2529324
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#17 4,4'-DDT

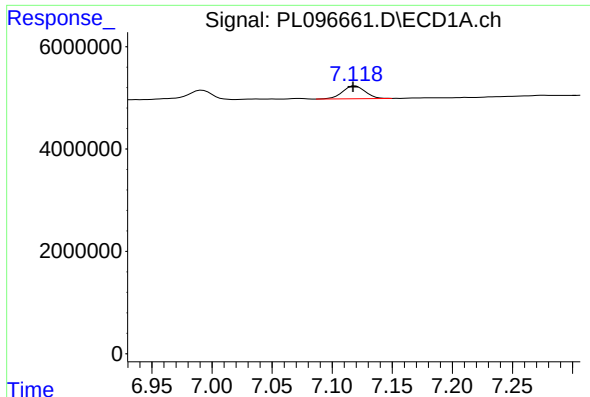
R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 5032720
Conc: 0.99 ng/ml

#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: 0.000 min
Response: 2605638
Conc: 1.21 ng/ml m

#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 5986941
Conc: N.D.



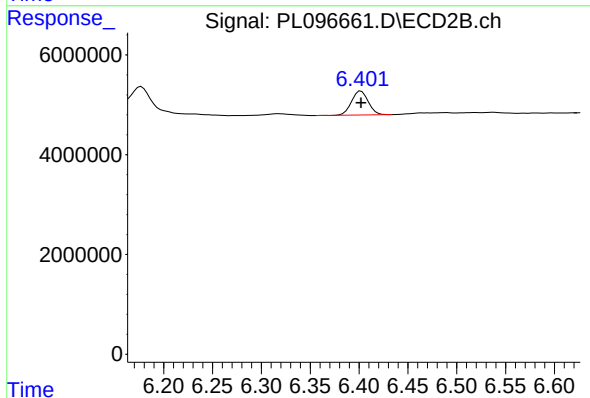
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 3276515
Conc: 1.14 ng/ml

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

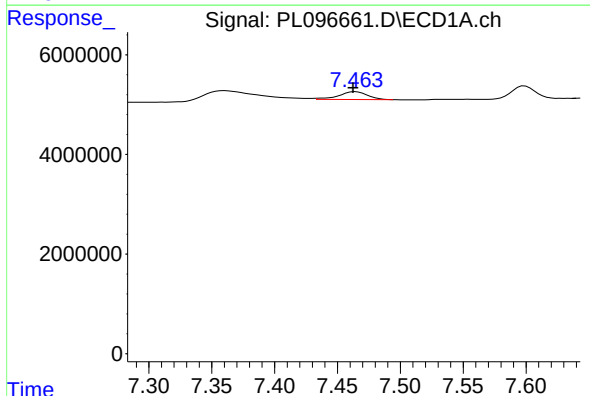
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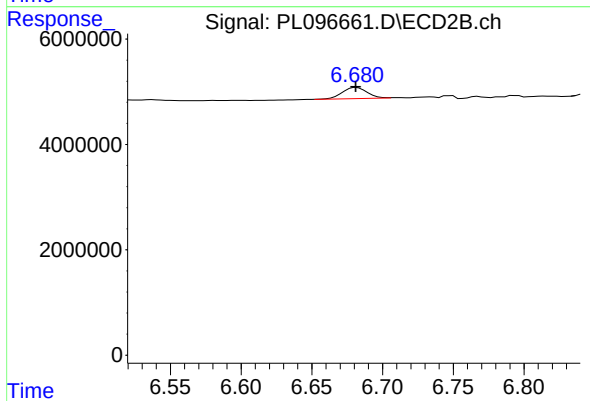
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 5666630
Conc: 1.11 ng/ml



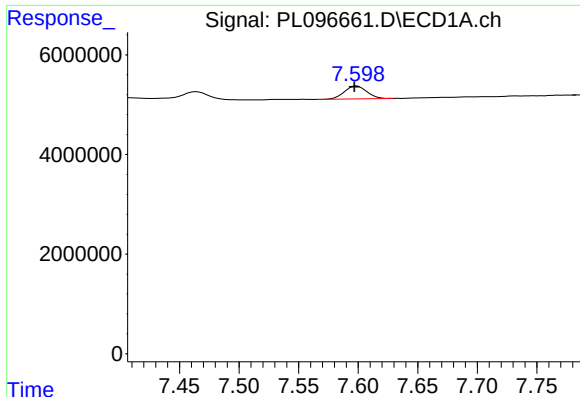
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 2494973
Conc: 1.70 ng/ml m



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 2599659
Conc: 0.95 ng/ml m



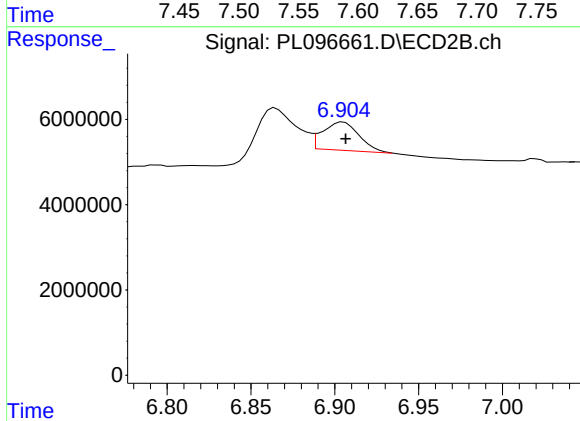
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 3436727
Conc: 1.14 ng/ml

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

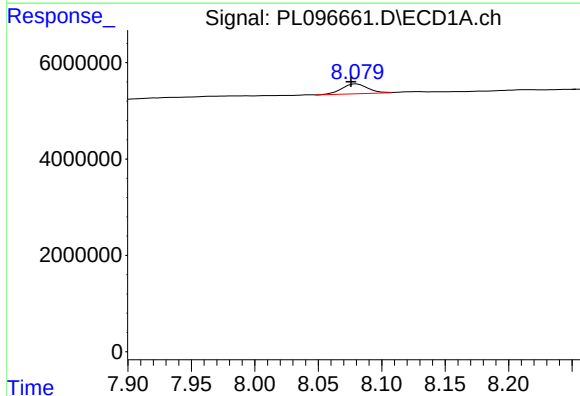
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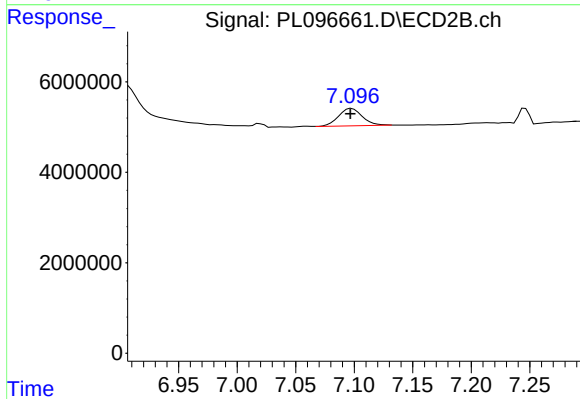
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.003 min
Response: 9709382
Conc: 1.74 ng/ml m



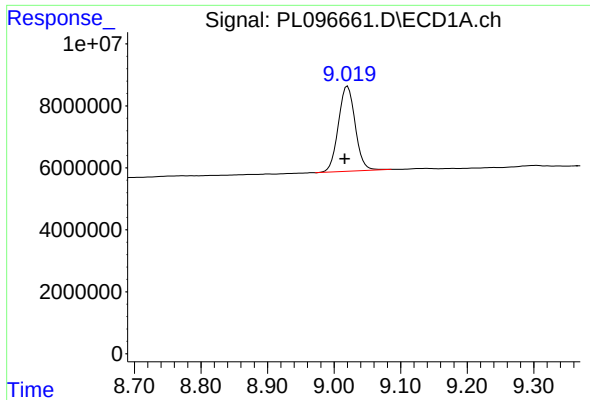
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.003 min
Response: 2984187
Conc: 1.20 ng/ml m



#22 Mirex

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 5479176
Conc: 1.26 ng/ml m



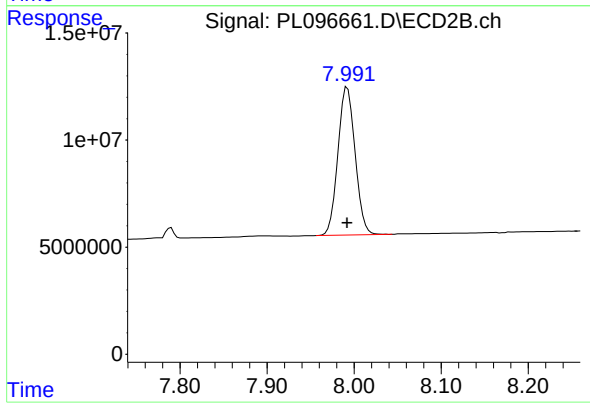
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.005 min
Response: 48323050
Conc: 20.26 ng/ml

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

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/01/2025
Supervised By :mohammad ahmed 08/01/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 95003826
Conc: 21.90 ng/ml