

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
 Data File : PL090819.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2024 14:05
 Operator : AR\AJ
 Sample : P3390-09
 Misc : PEST MDL 1PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/07/2024
 Supervised By :Ankita Jodhani 08/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:15:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.548	2.784	40582702	34139646	20.960	19.748
28)	SA Decachlor...	9.062	7.929	31681822	34559864	22.051	20.705
Target Compounds							
2)	A alpha-BHC	4.003	3.285	3314871	2294142	1.200	0.931m
3)	MA gamma-BHC...	4.334	3.616	3073670	2295496	1.169m	0.980m
4)	MA Heptachlor	4.923	3.958	3312704	2359889	1.340m	1.018
5)	MB Aldrin	5.266	4.236	3366424	2230606	1.400	1.006m#
6)	B beta-BHC	4.532	3.917	1599374	1360931	1.270	1.280
7)	B delta-BHC	4.777	4.144	3806249	2169259	1.520m	0.971m#
8)	B Heptachlo...	5.691	4.741	3886778	2218910	1.710m	1.089 #
9)	A Endosulfan I	6.076	5.111	2744560	2323190	1.309m	1.203m
10)	B gamma-Chl...	5.948	4.992	3104534	2475930	1.374	1.159
11)	B alpha-Chl...	6.027	5.056	2937864	2412113	1.312	1.131
12)	B 4,4'-DDE	6.200	5.243	2666910	1908419	1.345	1.017m
13)	MA Dieldrin	6.351	5.375	3013597	2694351	1.374m	1.305
14)	MA Endrin	6.580	5.651	2159600	2174457	1.179m	1.190m
15)	B Endosulfa...	6.800	5.944	4523978	1983700	2.256	1.092m#
16)	A 4,4'-DDD	6.715	5.799	2261794	1588813	1.372m	1.024 #
17)	MA 4,4'-DDT	7.028	6.051	2367075	1804327	1.328m	1.088
18)	B Endrin al...	6.929	6.125	2102300	1899897	1.396m	1.342
19)	B Endosulfa...	7.163	6.348	2796425	2148318	1.559m	1.231
20)	A Methoxychlor	7.504	6.626	882785	902448	0.925m	0.978
21)	B Endrin ke...	7.648	6.853	3365618	2184758	1.699m	1.102 #
22)	Mirex	8.123	7.036	2437282	2236252	1.568	1.332

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
Data File : PL090819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2024 14:05
Operator : AR\AJ
Sample : P3390-09
Misc : PEST MDL 1PPB
ALS Vial : 12 Sample Multiplier: 1

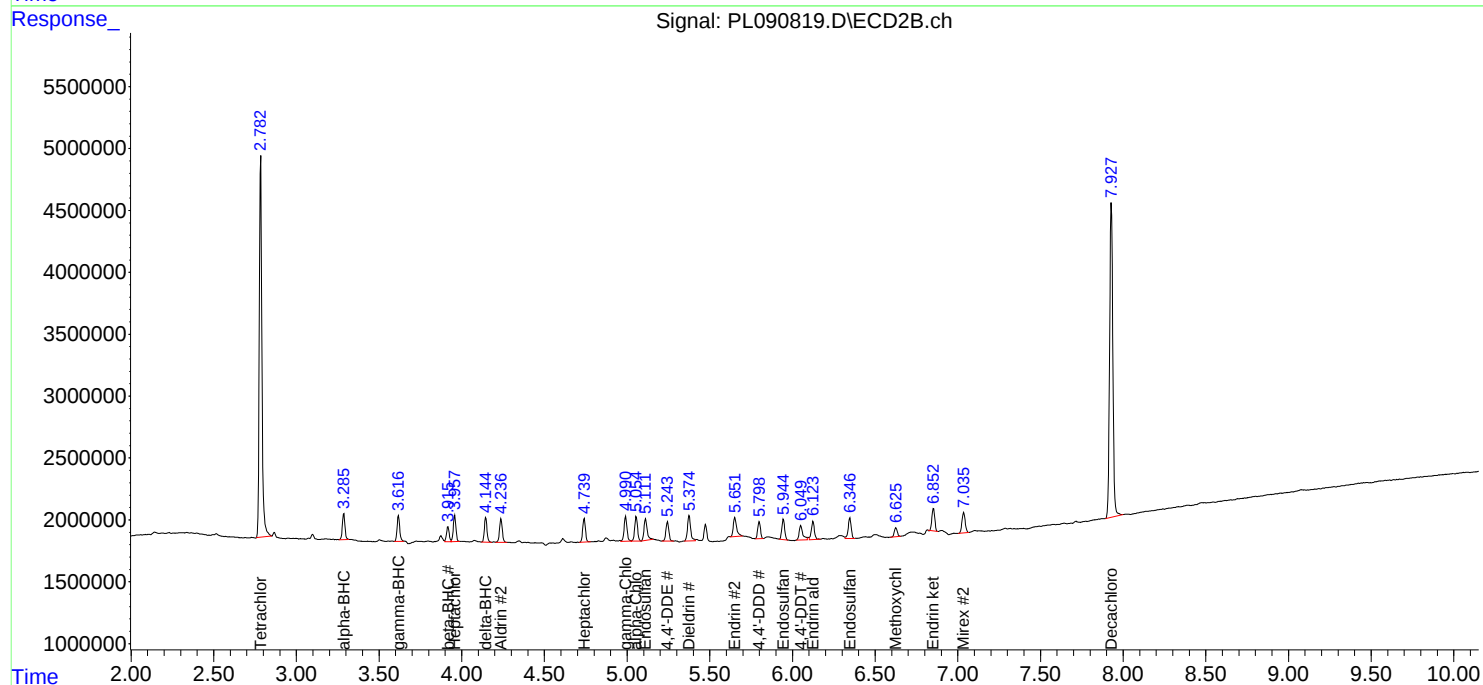
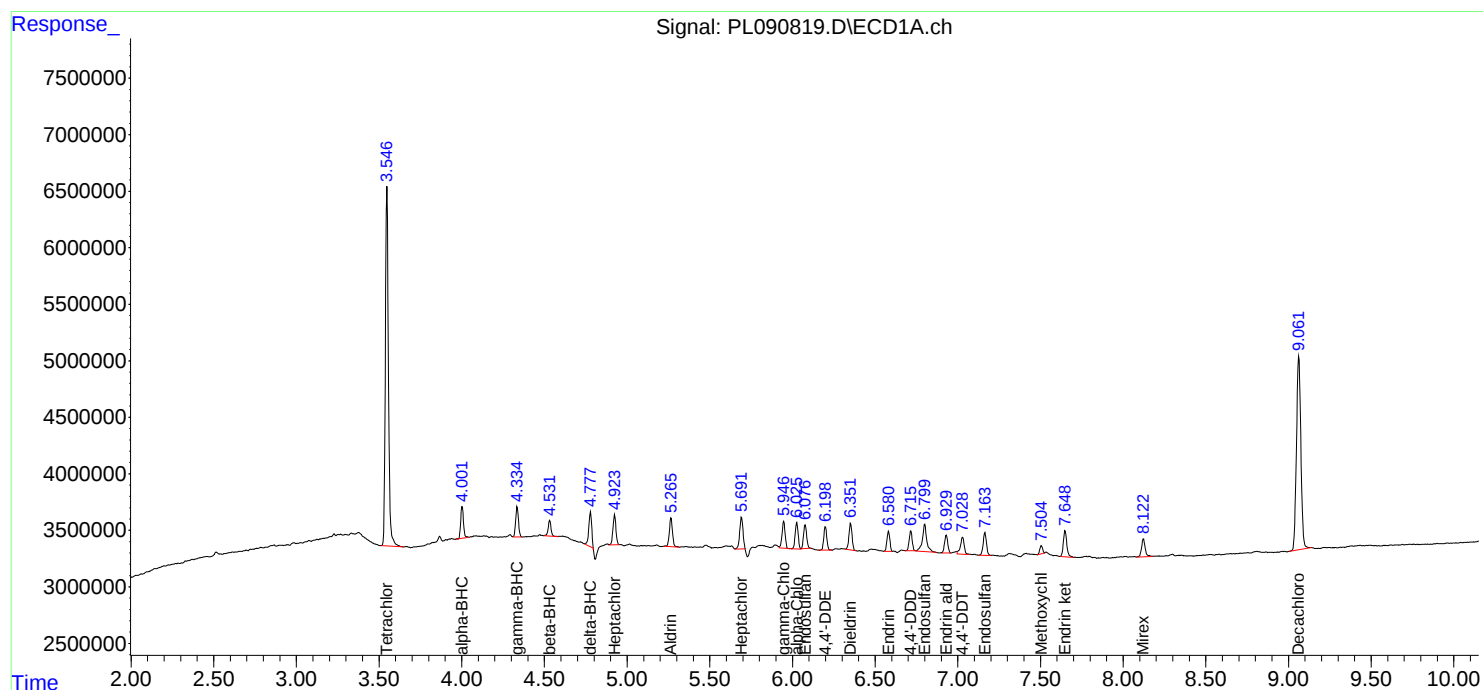
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

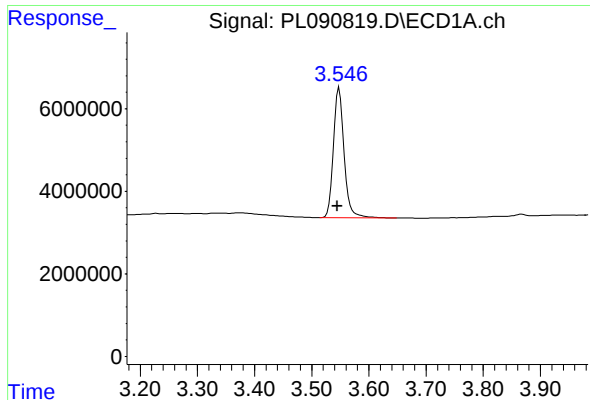
Manual Integrations
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Supervised By :Ankita Jodhani 08/08/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 02:15:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





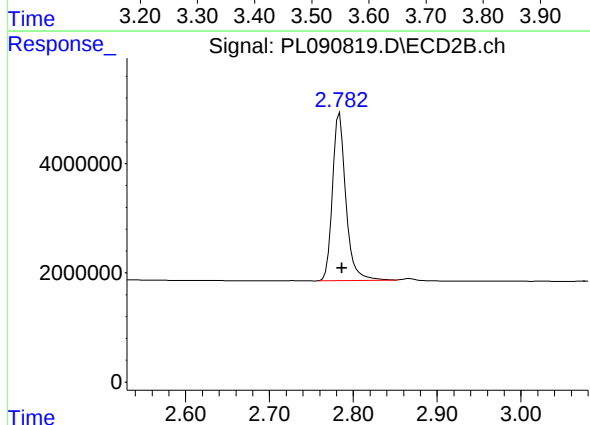
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.003 min
Response: 40582702
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

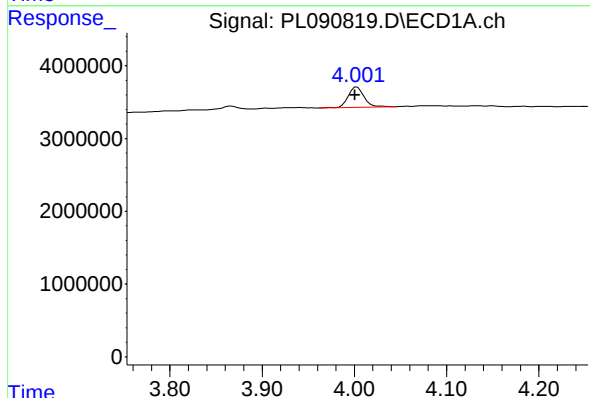
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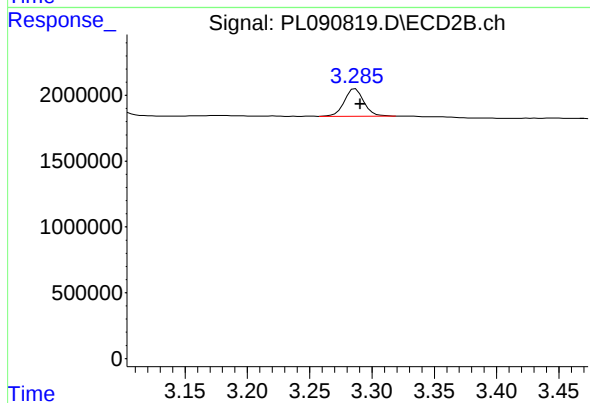
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.003 min
Response: 34139646
Conc: 19.75 ng/ml



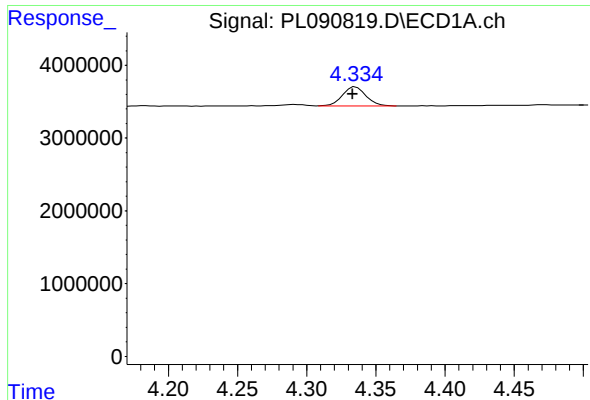
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.002 min
Response: 3314871
Conc: 1.20 ng/ml



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: -0.005 min
Response: 2294142
Conc: 0.93 ng/ml m



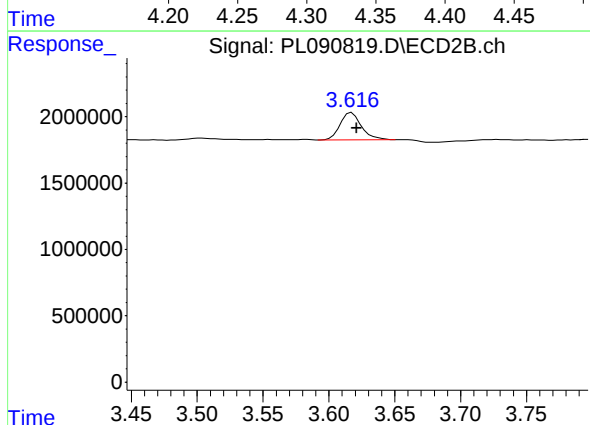
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 3073670
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

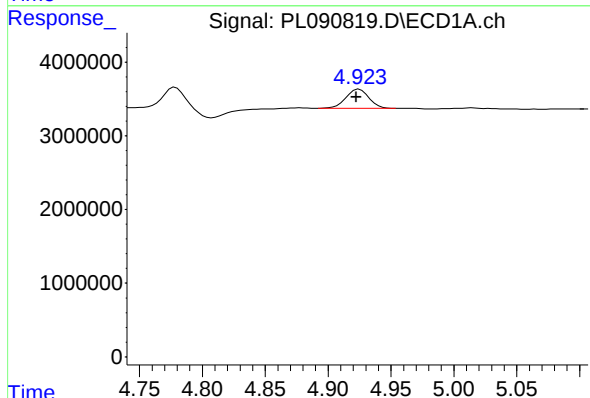
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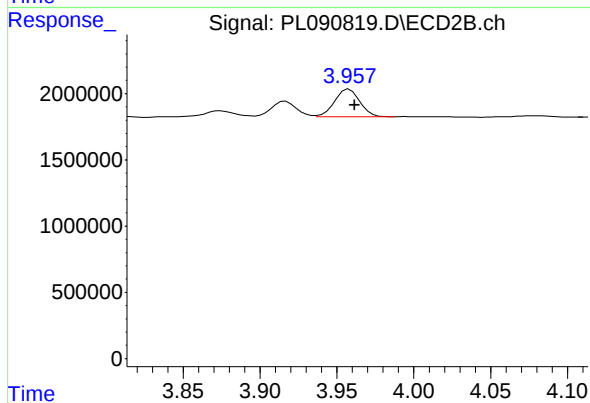
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: -0.005 min
Response: 2295496
Conc: 0.98 ng/ml m



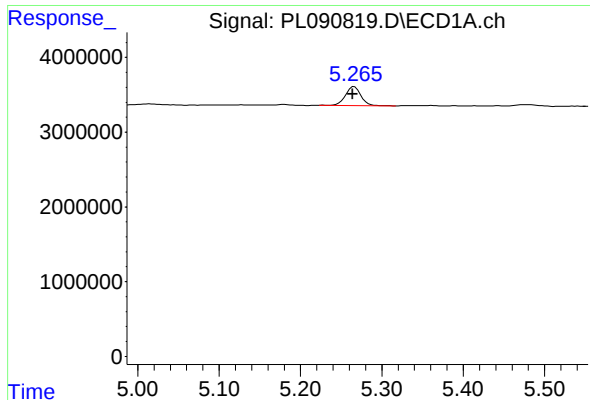
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 3312704
Conc: 1.34 ng/ml m



#4 Heptachlor

R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 2359889
Conc: 1.02 ng/ml



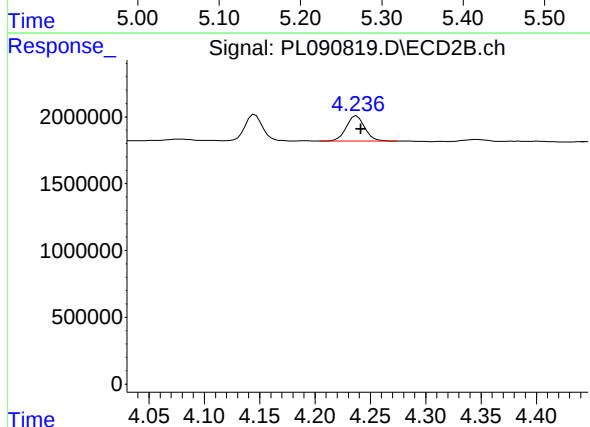
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 3366424
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

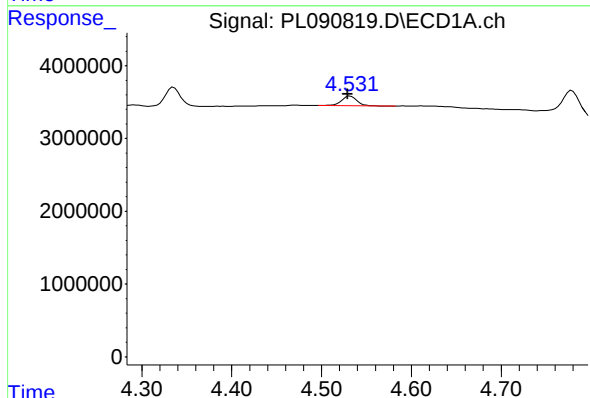
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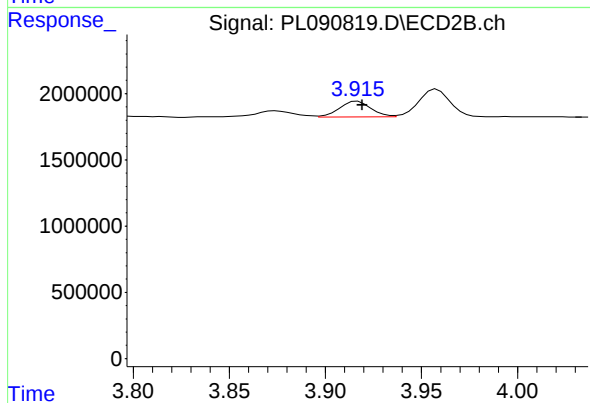
#5 Aldrin

R.T.: 4.236 min
Delta R.T.: -0.005 min
Response: 2230606
Conc: 1.01 ng/ml m



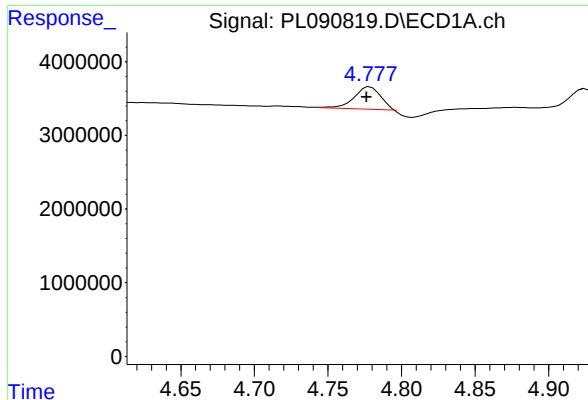
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.003 min
Response: 1599374
Conc: 1.27 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: -0.002 min
Response: 1360931
Conc: 1.28 ng/ml



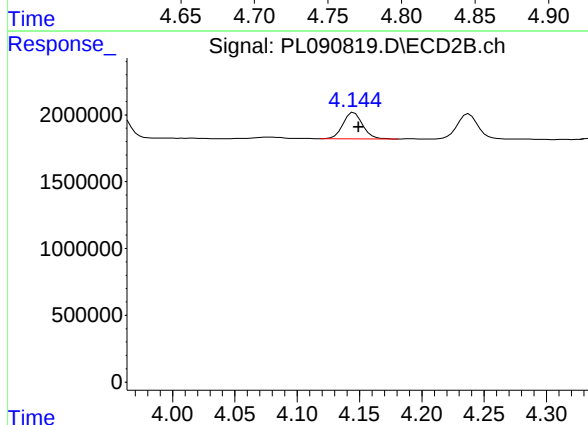
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 3806249
Conc: 1.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

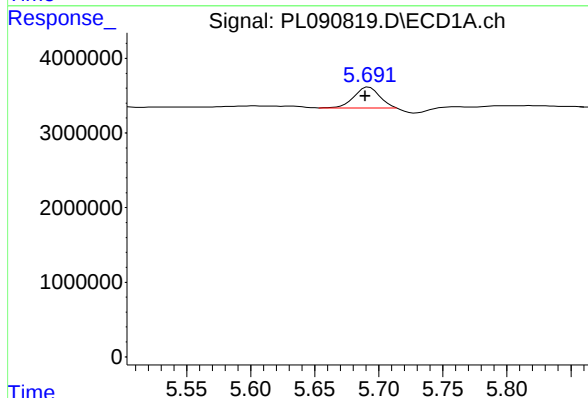
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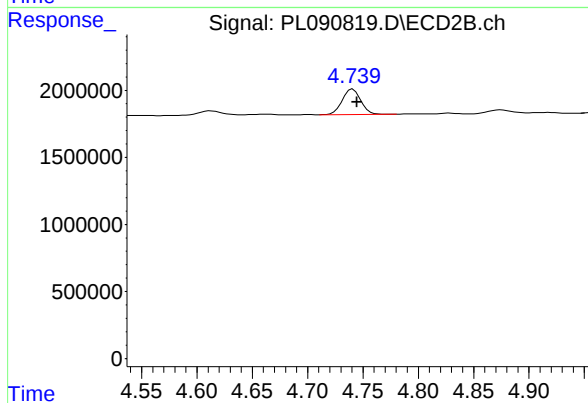
#7 delta-BHC

R.T.: 4.144 min
Delta R.T.: -0.005 min
Response: 2169259
Conc: 0.97 ng/ml



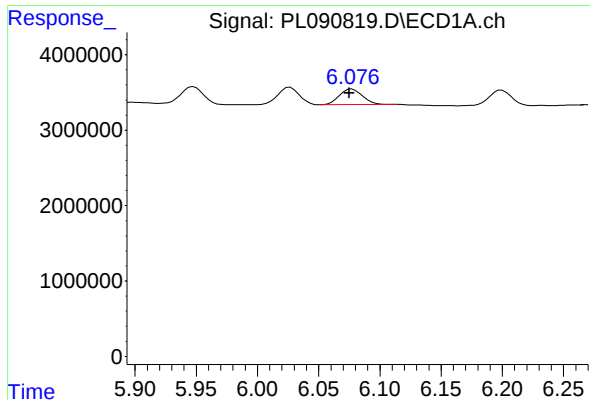
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.001 min
Response: 3886778
Conc: 1.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: -0.004 min
Response: 2218910
Conc: 1.09 ng/ml



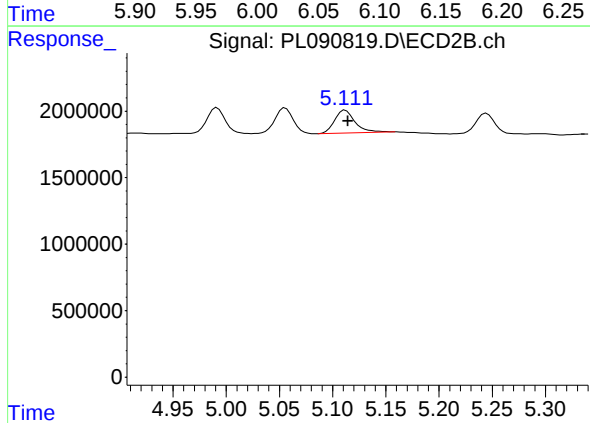
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 2744560
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

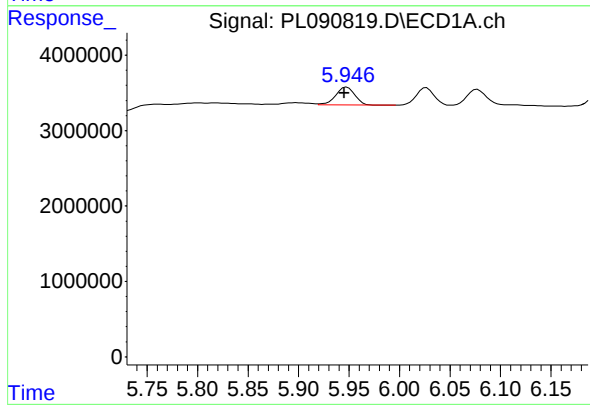
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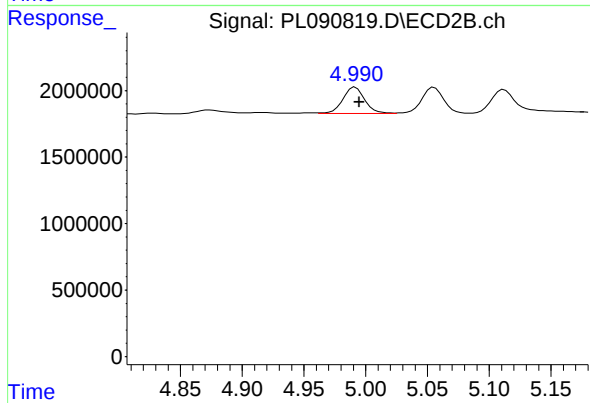
#9 Endosulfan I

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 2323190
Conc: 1.20 ng/ml m



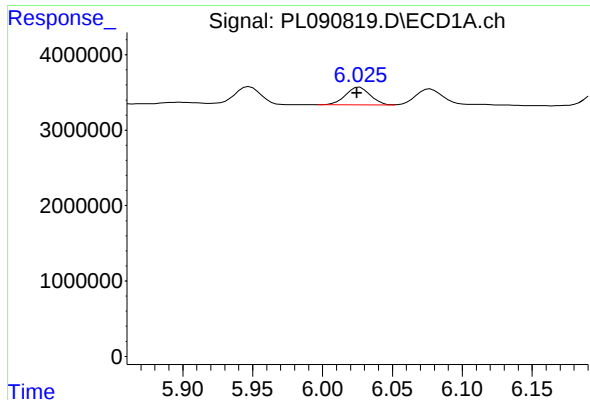
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.003 min
Response: 3104534
Conc: 1.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 2475930
Conc: 1.16 ng/ml



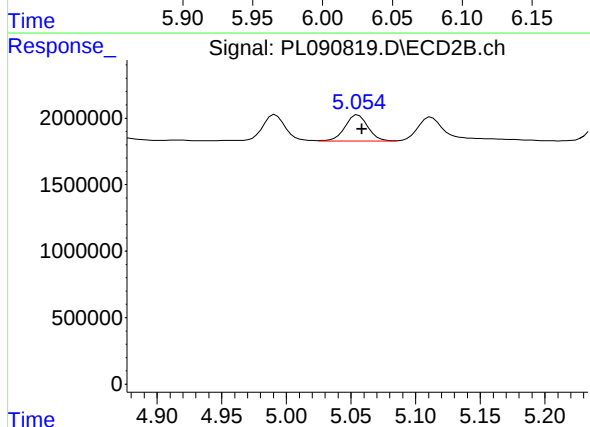
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 2937864
Conc: 1.31 ng/ml

Instrument : ECD_L
ClientSampleId : MDL-WATER-03-QT3-2024

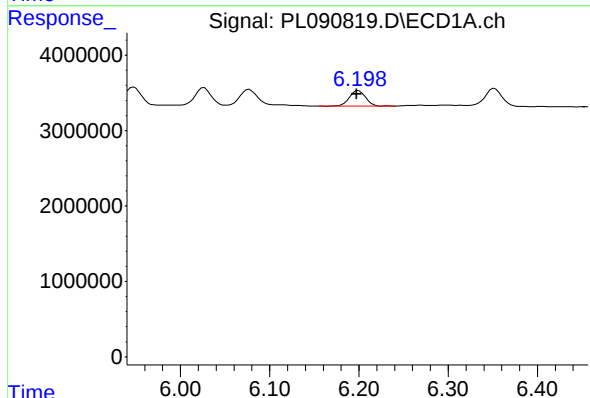
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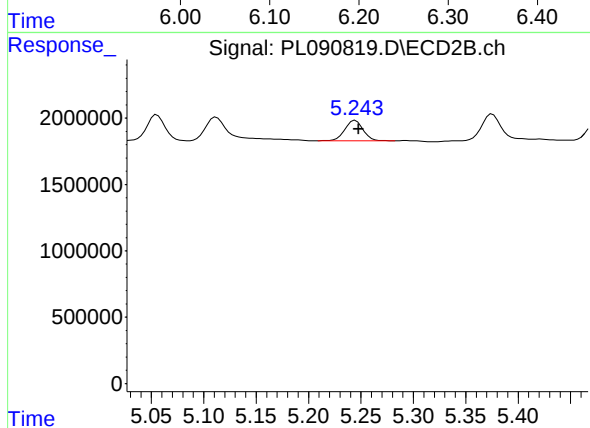
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.003 min
Response: 2412113
Conc: 1.13 ng/ml



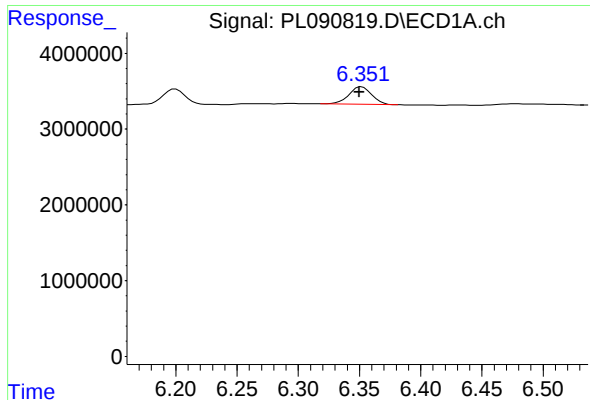
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.002 min
Response: 2666910
Conc: 1.35 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: -0.005 min
Response: 1908419
Conc: 1.02 ng/ml m



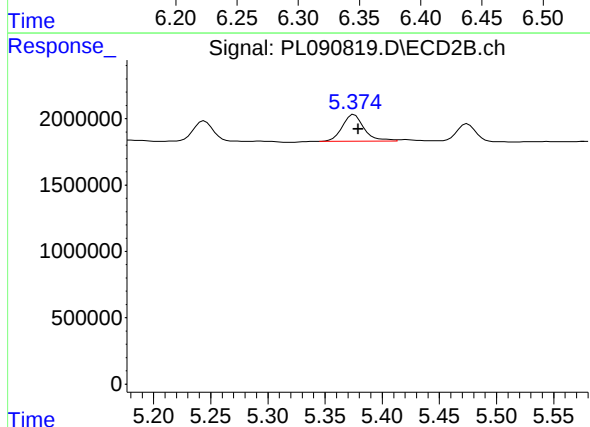
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 3013597
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

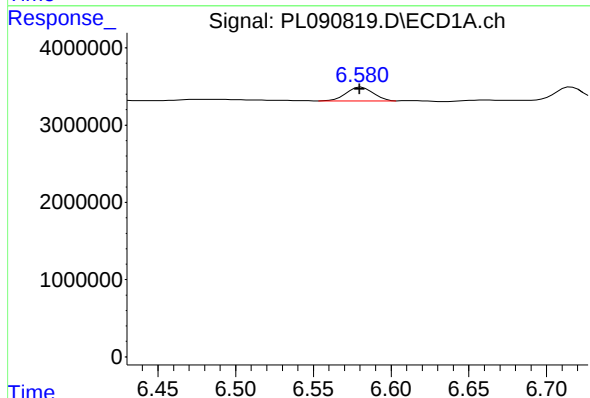
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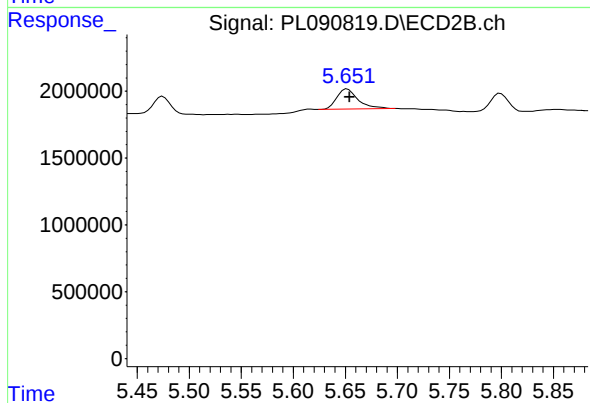
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 2694351
Conc: 1.30 ng/ml



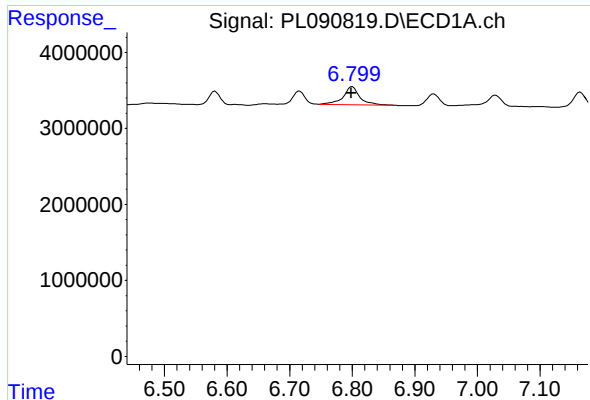
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 2159600
Conc: 1.18 ng/ml m



#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 2174457
Conc: 1.19 ng/ml m



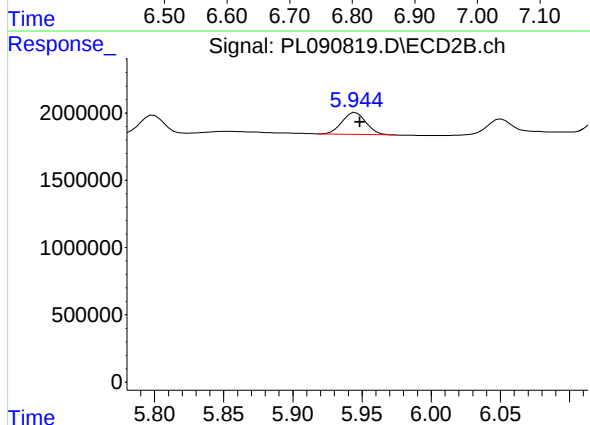
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 4523978
Conc: 2.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

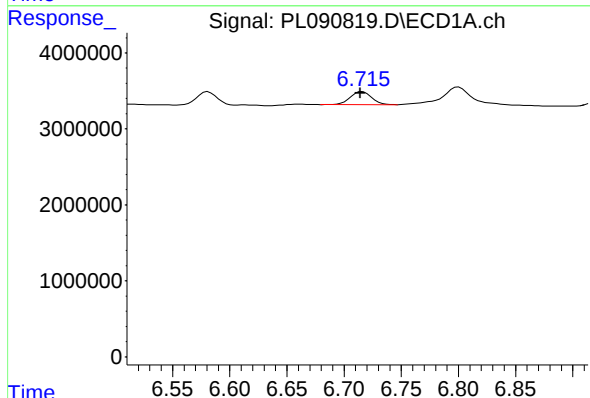
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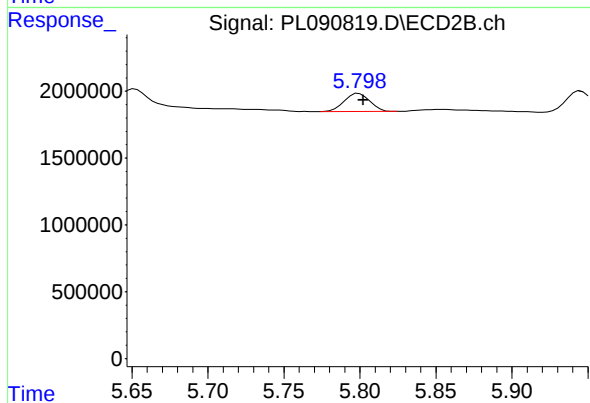
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: -0.005 min
Response: 1983700
Conc: 1.09 ng/ml



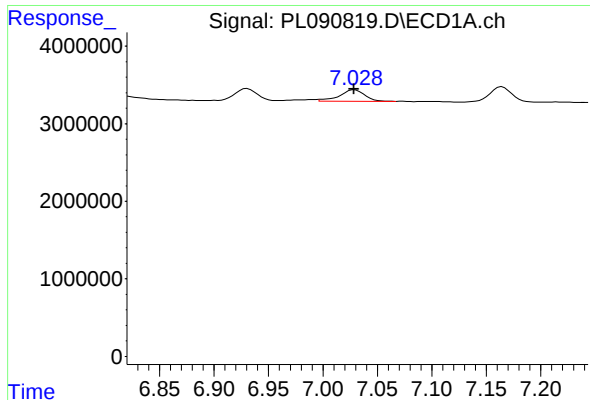
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 2261794
Conc: 1.37 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 1588813
Conc: 1.02 ng/ml



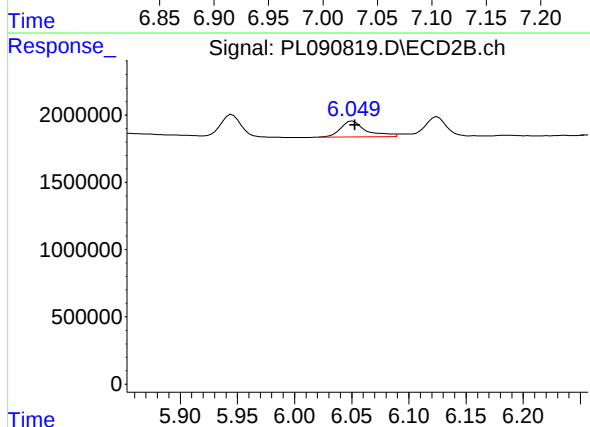
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 2367075
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

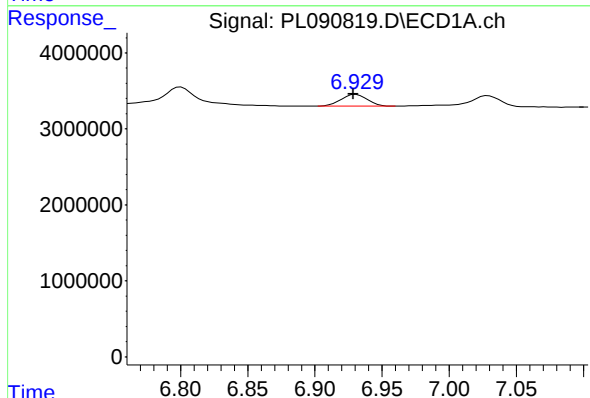
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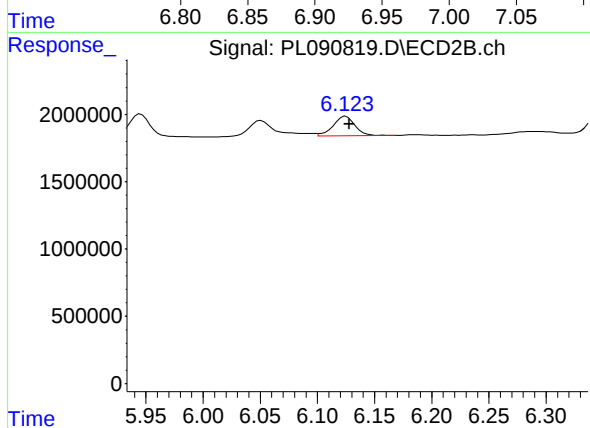
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 1804327
Conc: 1.09 ng/ml



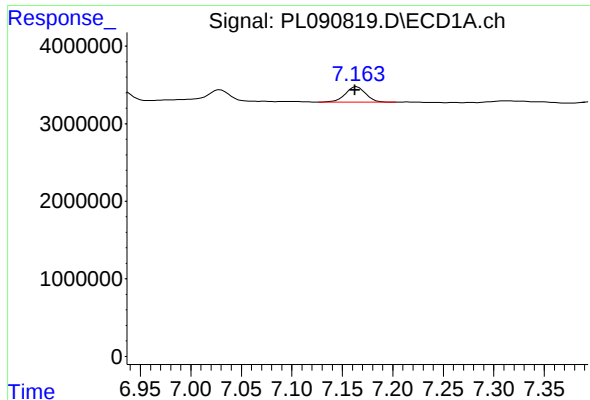
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 2102300
Conc: 1.40 ng/ml m



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: -0.003 min
Response: 1899897
Conc: 1.34 ng/ml



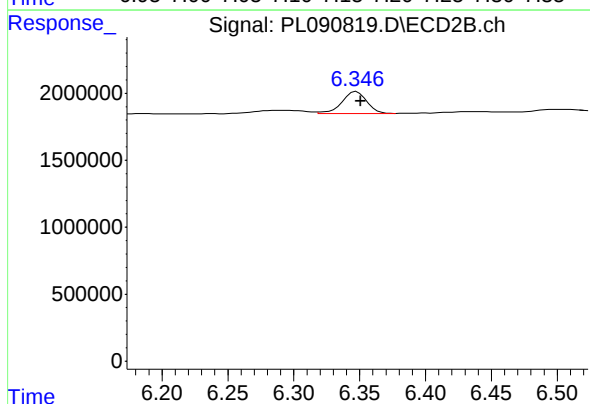
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 2796425
Conc: 1.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

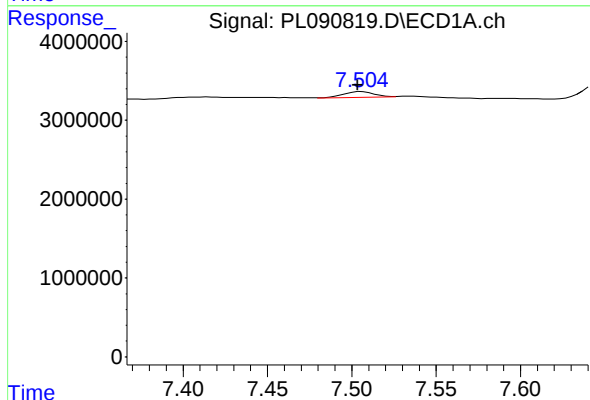
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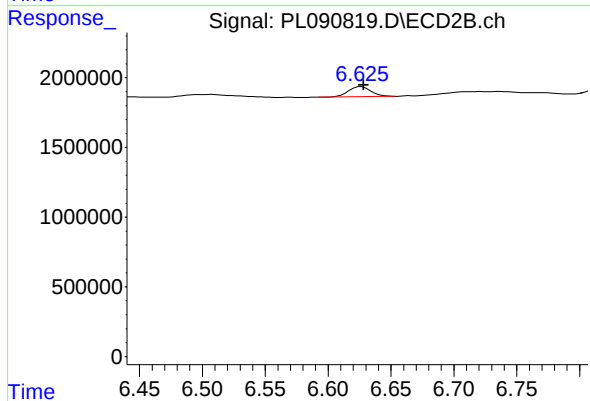
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 2148318
Conc: 1.23 ng/ml



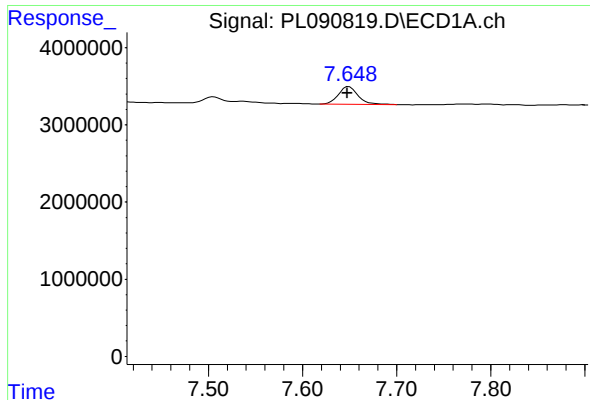
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 882785
Conc: 0.93 ng/ml m



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: -0.002 min
Response: 902448
Conc: 0.98 ng/ml



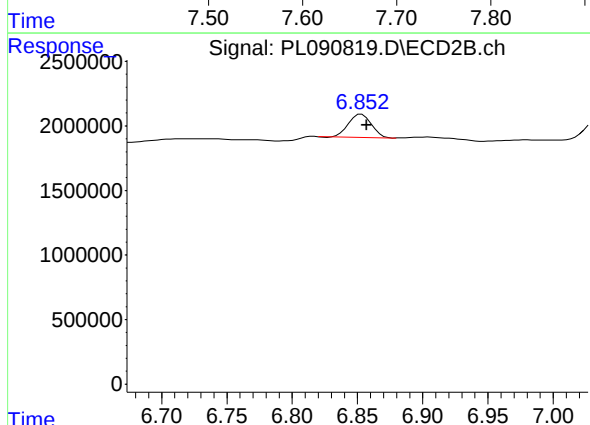
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 3365618
Conc: 1.70 ng/ml

Instrument : ECD_L
ClientSampleId : MDL-WATER-03-QT3-2024

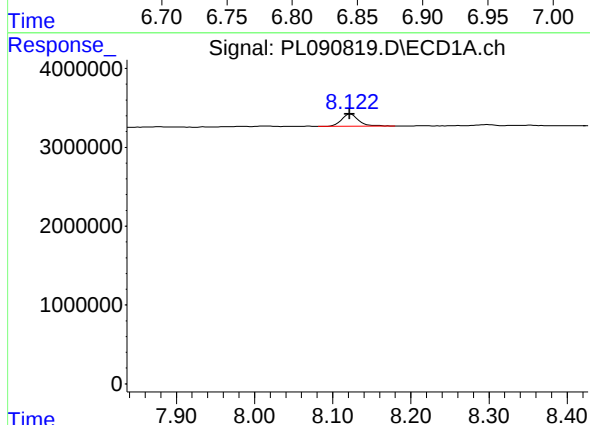
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2024
Supervised By :Ankita Jodhani 08/08/2024



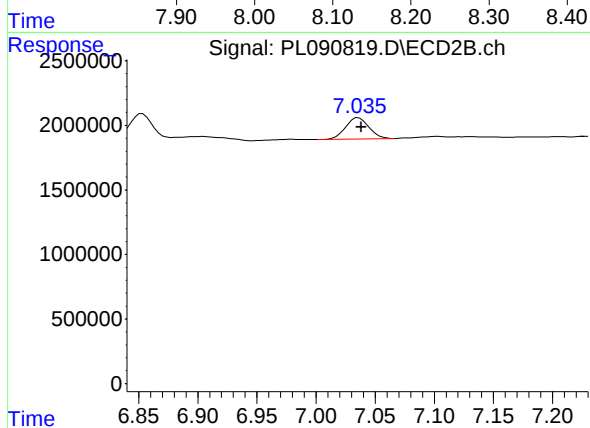
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 2184758
Conc: 1.10 ng/ml



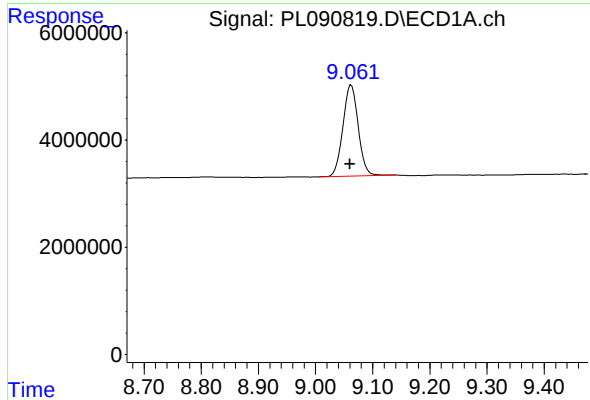
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.002 min
Response: 2437282
Conc: 1.57 ng/ml



#22 Mirex

R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 2236252
Conc: 1.33 ng/ml



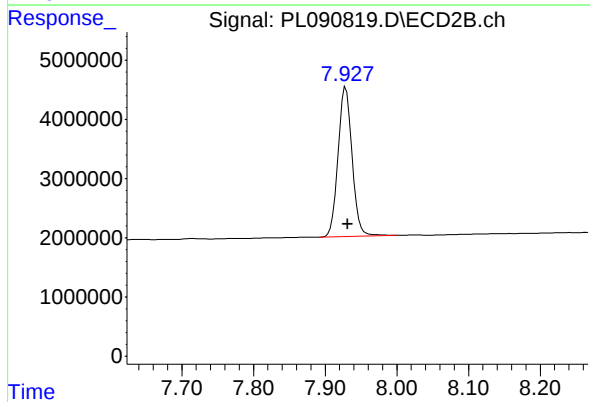
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 31681822
Conc: 22.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2024
Supervised By :Ankita Jodhani 08/08/2024



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.003 min
Response: 34559864
Conc: 20.70 ng/ml