

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
 Data File : PD082783.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 11:43
 Operator : AR\AJ
 Sample : P2403-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 22:04:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 15:39:20 2024
 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...	3.564	2.776	29029373	72698636	18.751	18.343
28)	SA Decachlor...	9.123	7.906	39116851	75991797	19.589	19.660
Target Compounds							
2)	A alpha-BHC	4.022	3.275	5894753	13248963	2.152	2.124
3)	MA gamma-BHC...	4.356	3.604	5421525	12921885	2.051	2.186
4)	MA Heptachlor	4.949	3.943	6109997	12646310	2.423	2.285
5)	MB Aldrin	5.292	4.222	5718258	13270112	2.219	2.329
6)	B beta-BHC	4.552	3.900	2618219	6448614	2.500	2.700
7)	B delta-BHC	4.800	4.129	6546707	12087601	2.635m	2.088
8)	B Heptachlo...	5.718	4.722	6377697	11756790	2.734m	2.334m
9)	A Endosulfan I	6.107	5.093	5478510	10540730	2.537	2.285
10)	B gamma-Chl...	5.977	4.973	5662452	11921253	2.500	2.385
11)	B alpha-Chl...	6.056	5.037	5674200	11861383	2.508	2.389
12)	B 4,4'-DDE	6.229	5.225	5404281	10671681	2.470	2.286
13)	MA Dieldrin	6.384	5.357	5430224	11736602	2.428	2.335
14)	MA Endrin	6.613	5.632	4433094	10723948	2.356m	2.452
15)	B Endosulfa...	6.834	5.925	5519326	10103840	2.766	2.420
16)	A 4,4'-DDD	6.747	5.779	3794014	8592870	2.372	2.284
17)	MA 4,4'-DDT	7.063	6.030	4011634	7741553	2.376	2.019
18)	B Endrin al...	6.964	6.105	3903113	8162873	2.788	2.615
19)	B Endosulfa...	7.199	6.327	4612649	10038657	2.614	2.518
20)	A Methoxychlor	7.538	6.605	2435574	4738935	2.657m	2.332
21)	B Endrin ke...	7.688	6.833	4914354	10567740	2.557	2.325
22)	Mirex	8.163	7.015	4443815	9499295	2.899	2.659

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
Data File : PD082783.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 11:43
Operator : AR\AJ
Sample : P2403-07
Misc : PEST LOD 2.5PPB
ALS Vial : 14 Sample Multiplier: 1

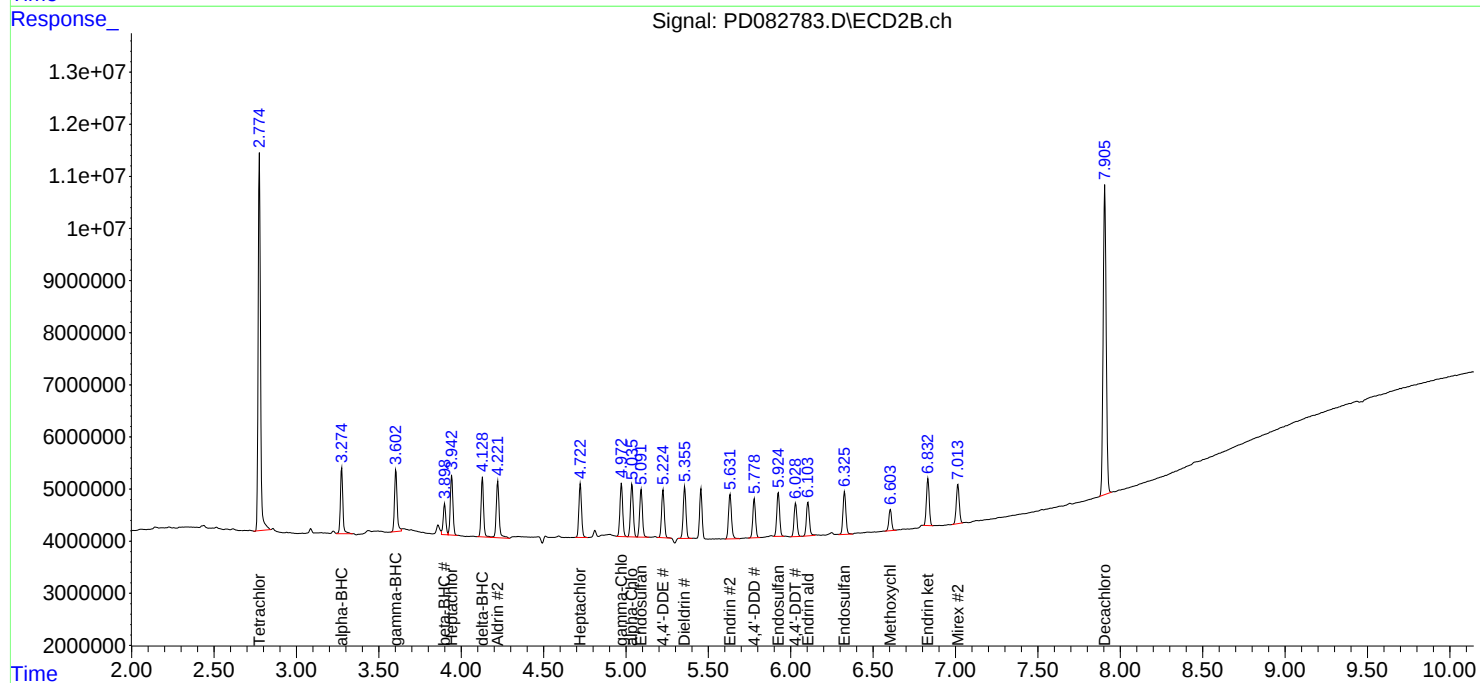
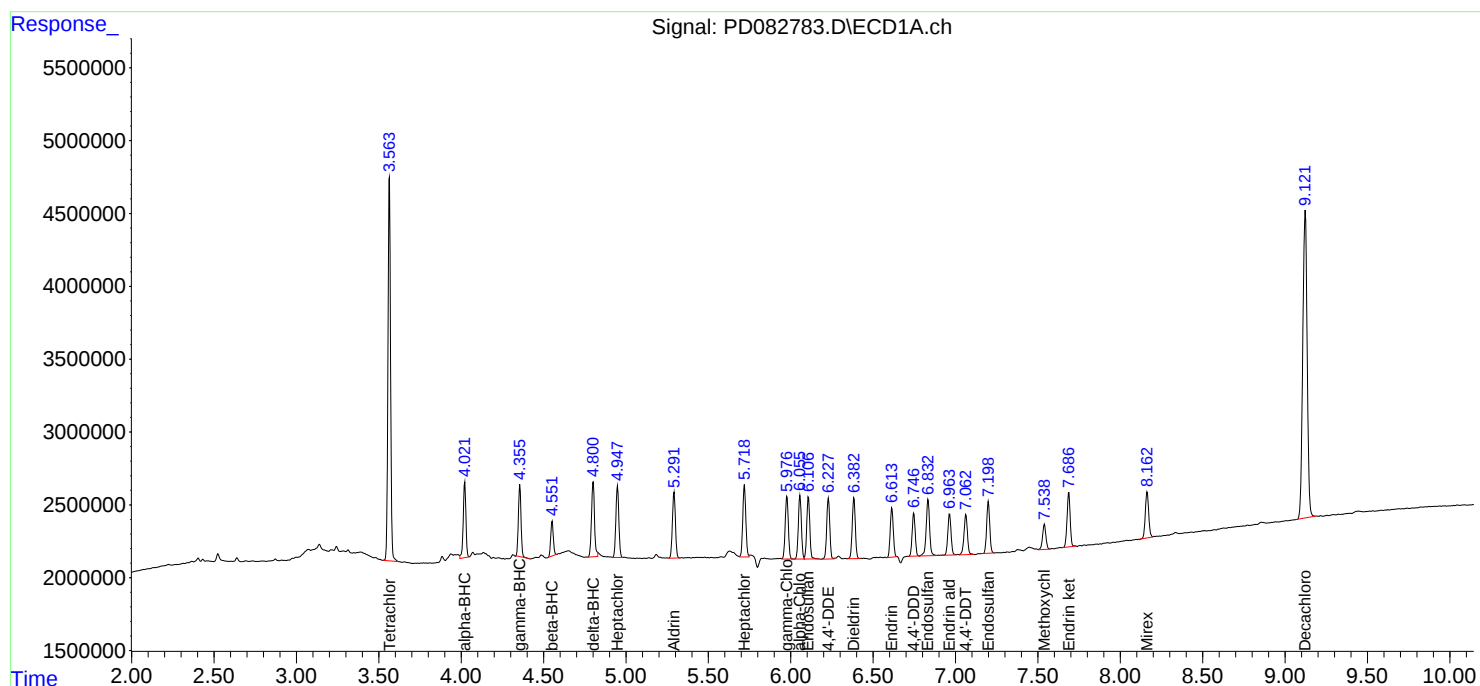
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

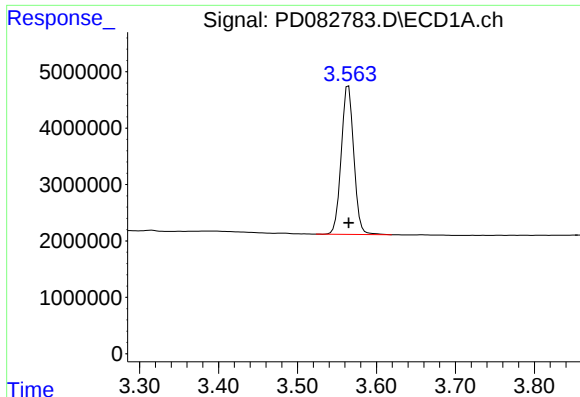
Manual Integrations
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Supervised By :Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 22:04:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
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





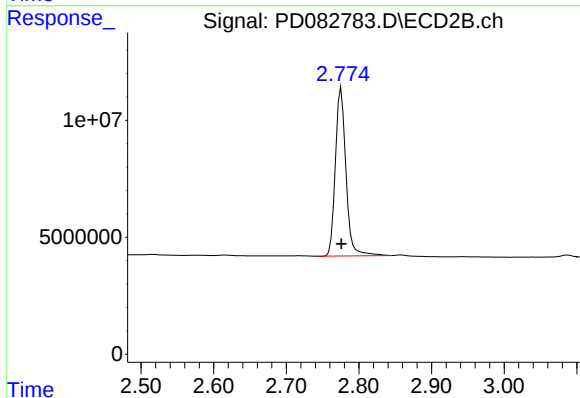
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.000 min
Response: 29029373
Conc: 18.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

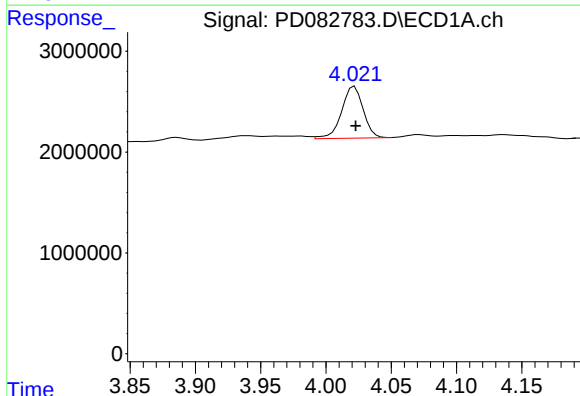
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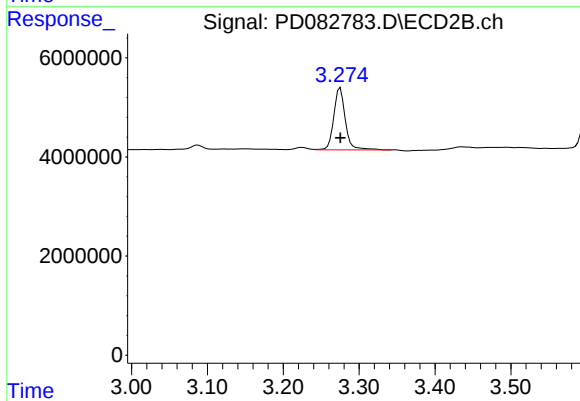
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 72698636
Conc: 18.34 ng/ml



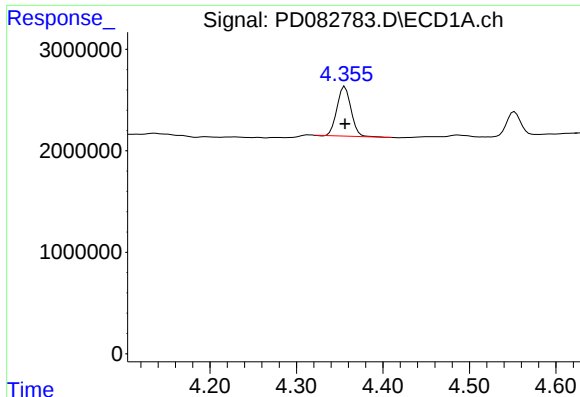
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 5894753
Conc: 2.15 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 13248963
Conc: 2.12 ng/ml



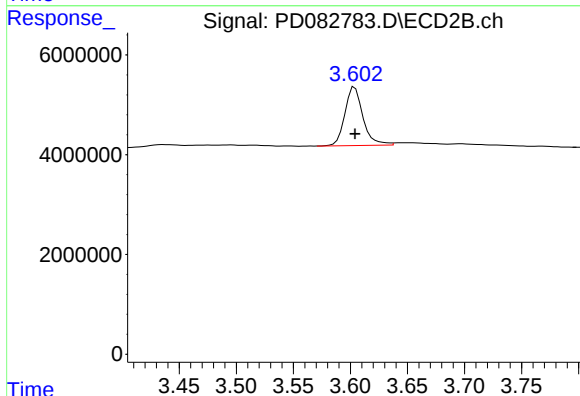
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 5421525
Conc: 2.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

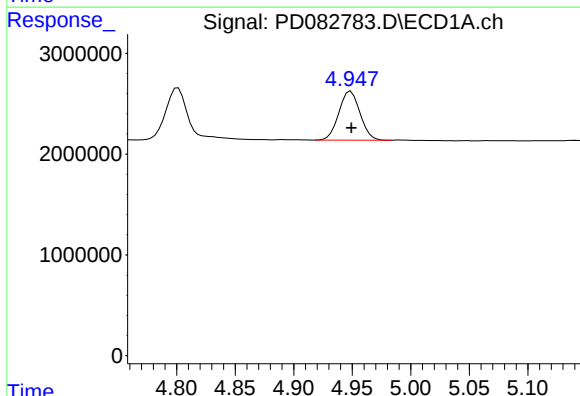
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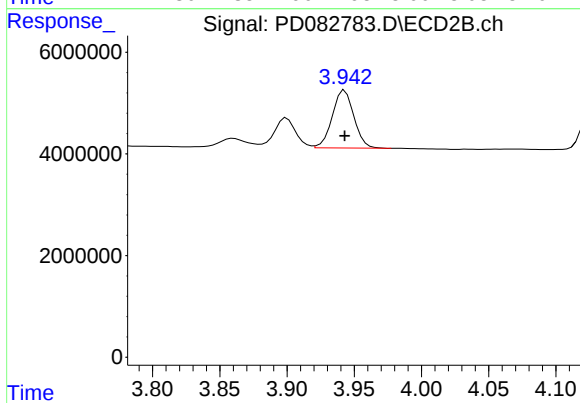
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 12921885
Conc: 2.19 ng/ml



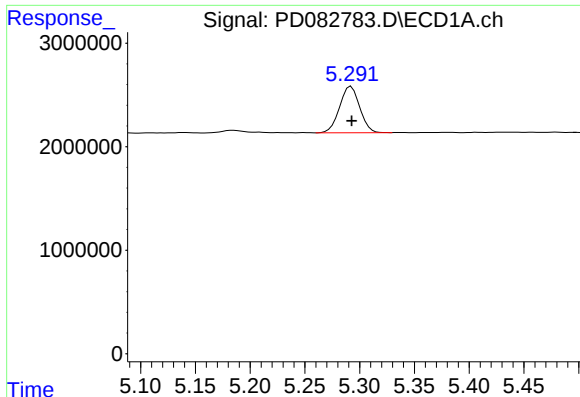
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 6109997
Conc: 2.42 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 12646310
Conc: 2.28 ng/ml



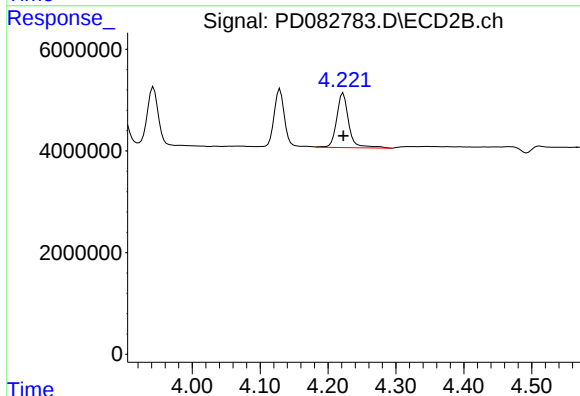
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 5718258
Conc: 2.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

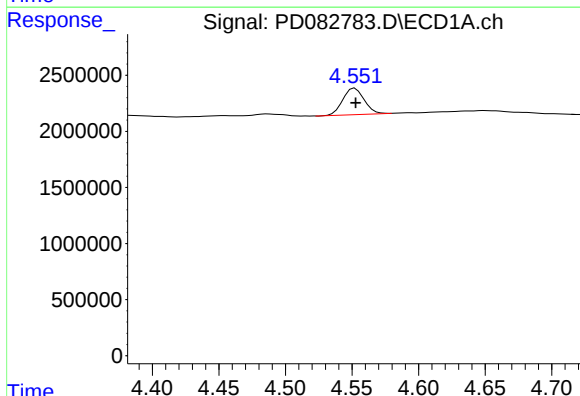
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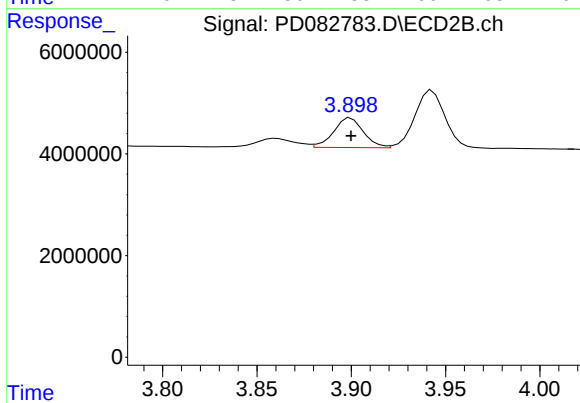
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 13270112
Conc: 2.33 ng/ml



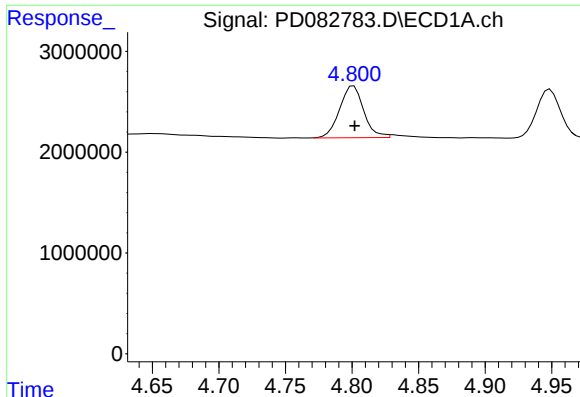
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 2618219
Conc: 2.50 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 6448614
Conc: 2.70 ng/ml



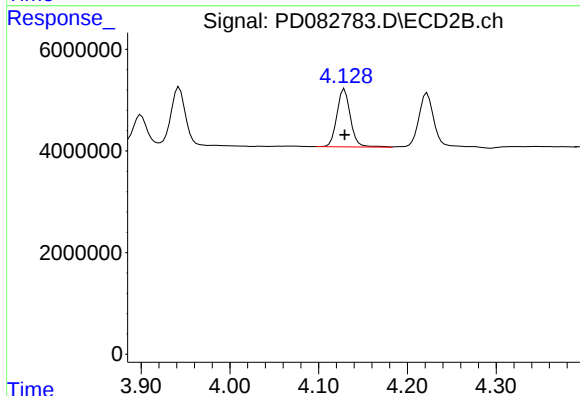
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 6546707
Conc: 2.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

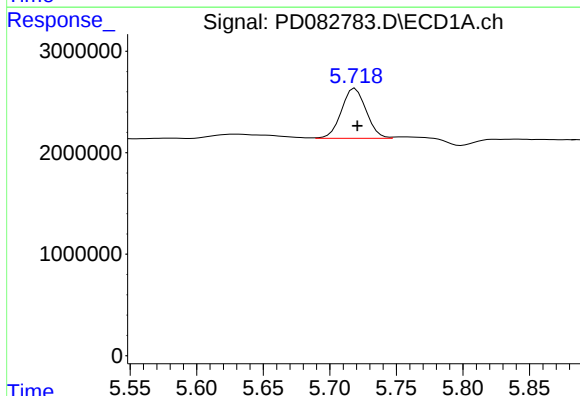
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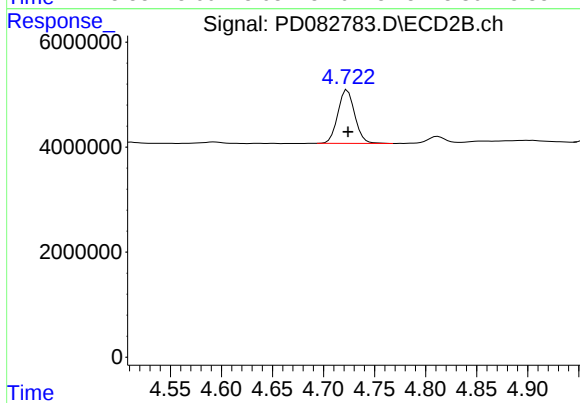
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 12087601
Conc: 2.09 ng/ml



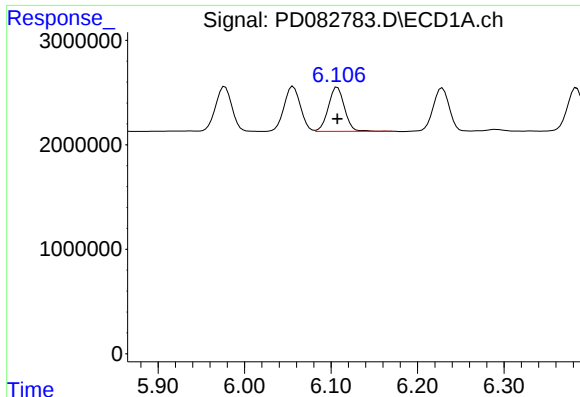
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: -0.003 min
Response: 6377697
Conc: 2.73 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.002 min
Response: 11756790
Conc: 2.33 ng/ml m



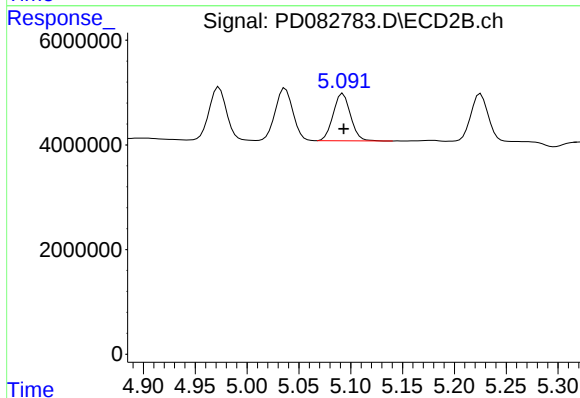
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 5478510
Conc: 2.54 ng/ml

Instrument :
ECD_D
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LOD-MDL-WATER-01-QT2-2024

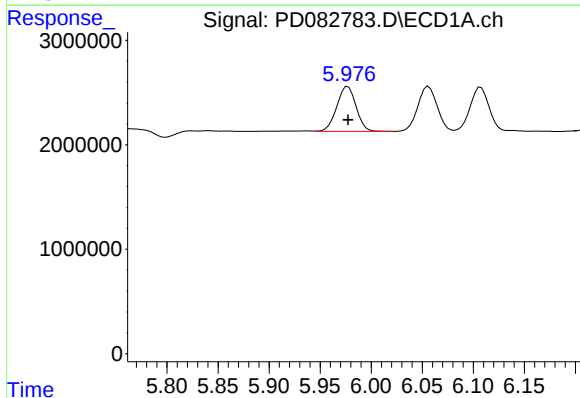
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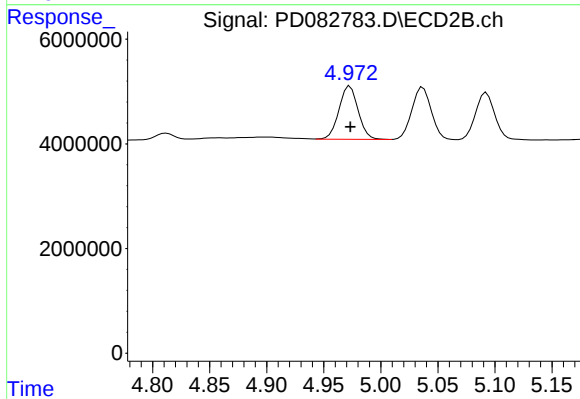
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 10540730
Conc: 2.29 ng/ml



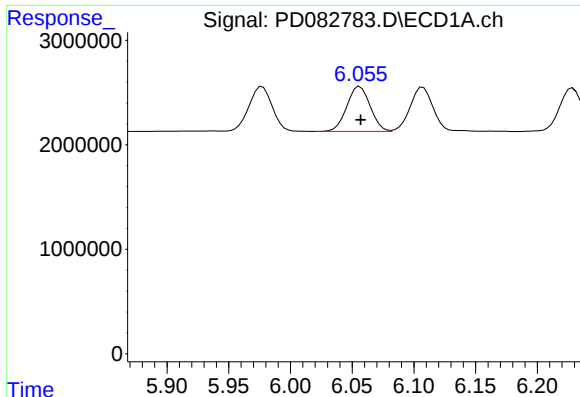
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 5662452
Conc: 2.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 11921253
Conc: 2.38 ng/ml



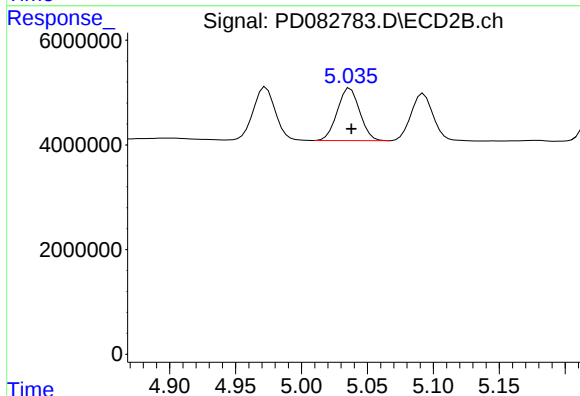
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 5674200
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
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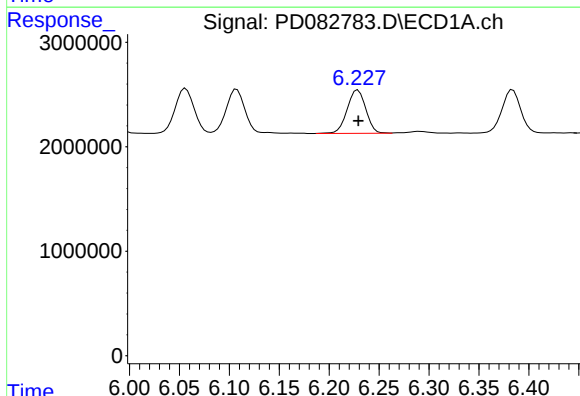
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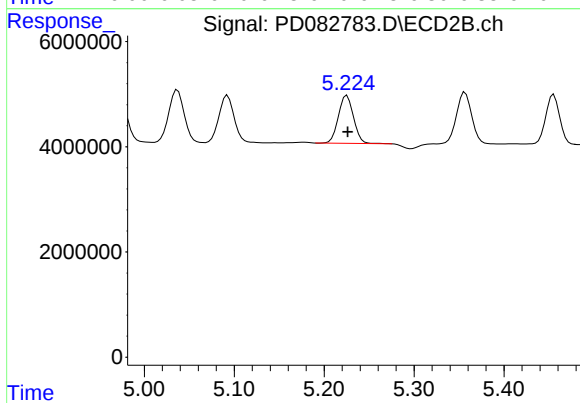
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 11861383
Conc: 2.39 ng/ml



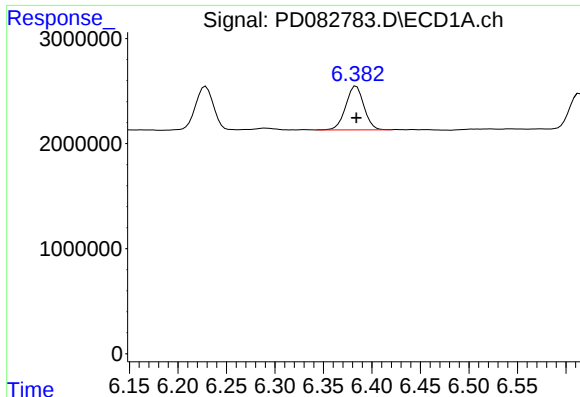
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 5404281
Conc: 2.47 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 10671681
Conc: 2.29 ng/ml



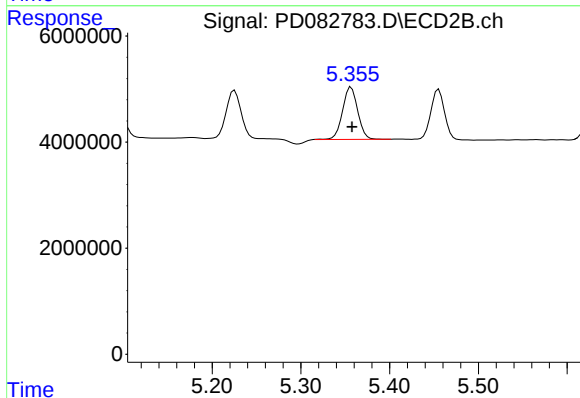
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 5430224
Conc: 2.43 ng/ml

Instrument :
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ClientSampleId :
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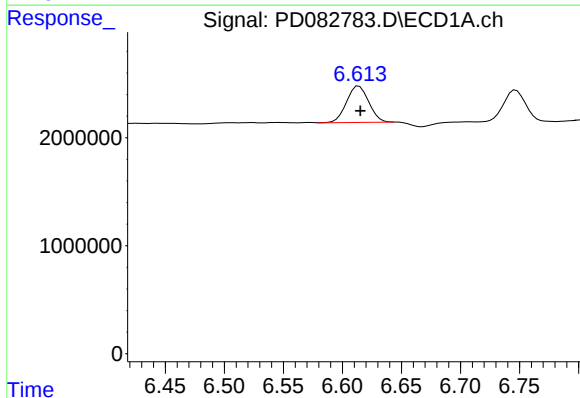
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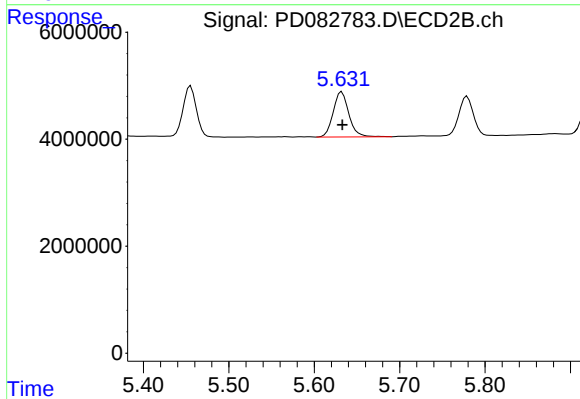
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 11736602
Conc: 2.34 ng/ml



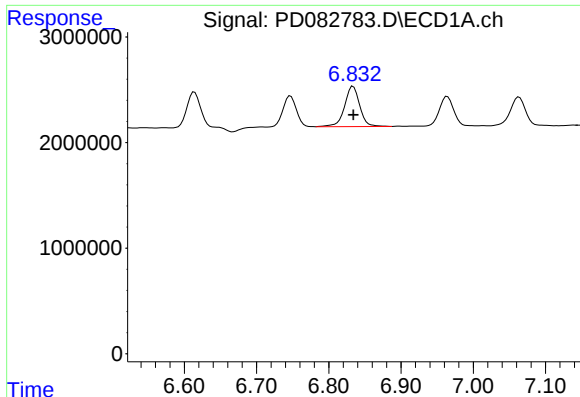
#14 Endrin

R.T.: 6.613 min
Delta R.T.: -0.003 min
Response: 4433094
Conc: 2.36 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 10723948
Conc: 2.45 ng/ml



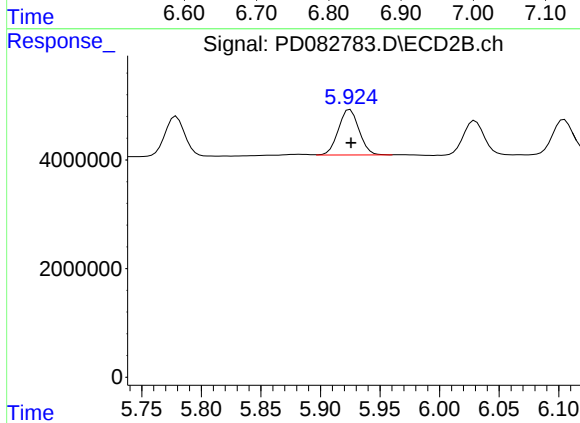
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 5519326
Conc: 2.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
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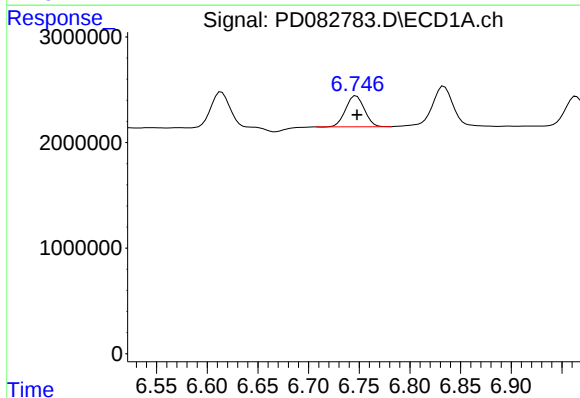
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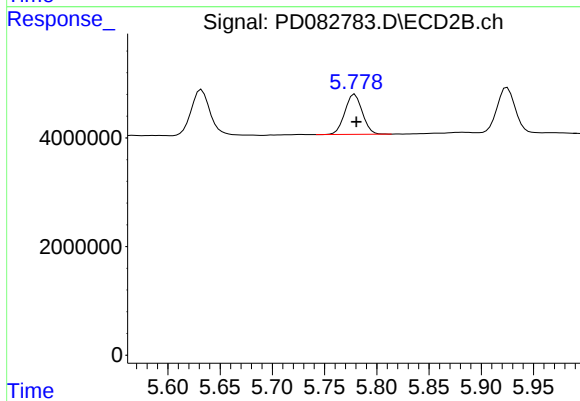
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 10103840
Conc: 2.42 ng/ml



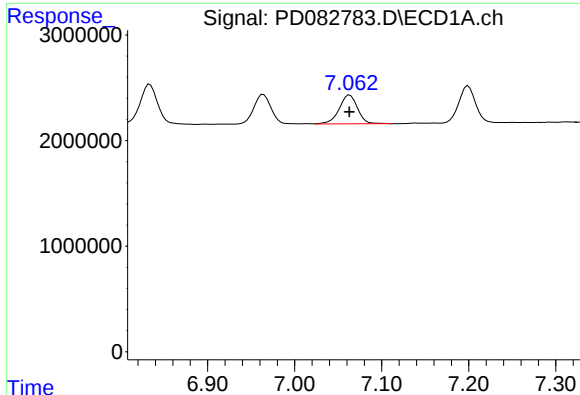
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 3794014
Conc: 2.37 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 8592870
Conc: 2.28 ng/ml



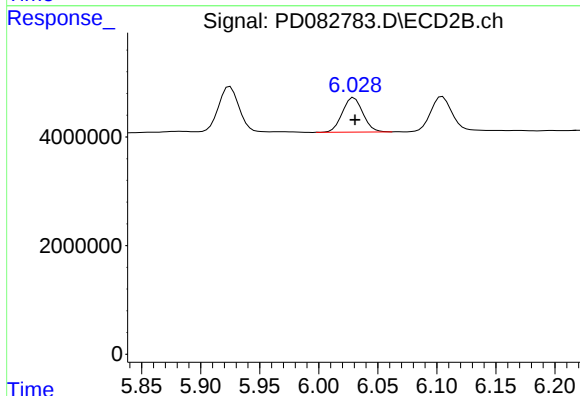
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 4011634
Conc: 2.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

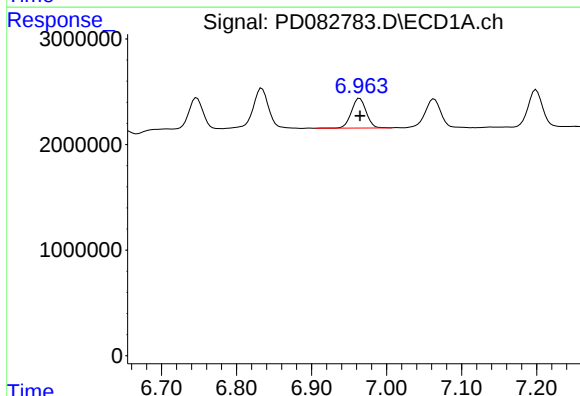
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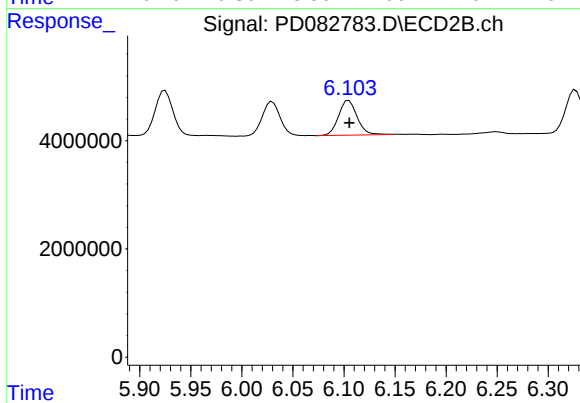
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 7741553
Conc: 2.02 ng/ml



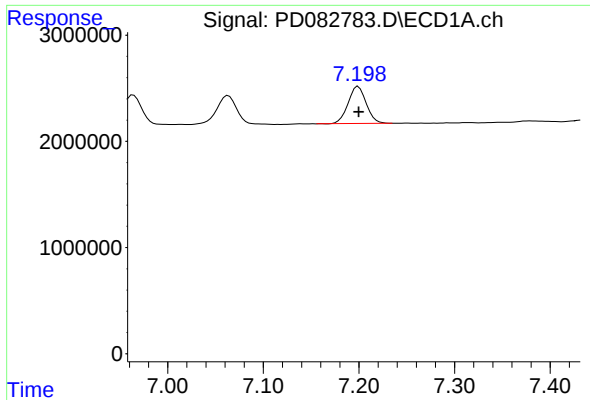
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 3903113
Conc: 2.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 8162873
Conc: 2.61 ng/ml



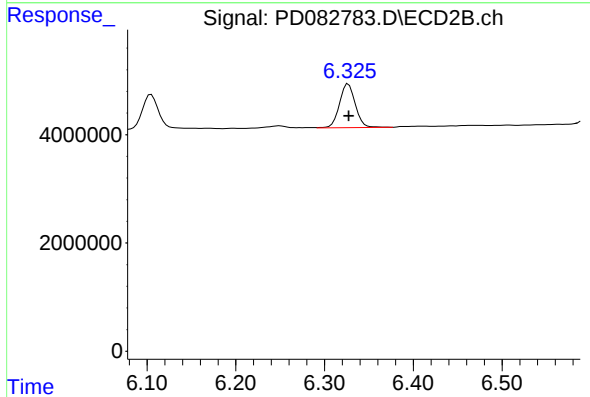
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 4612649
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
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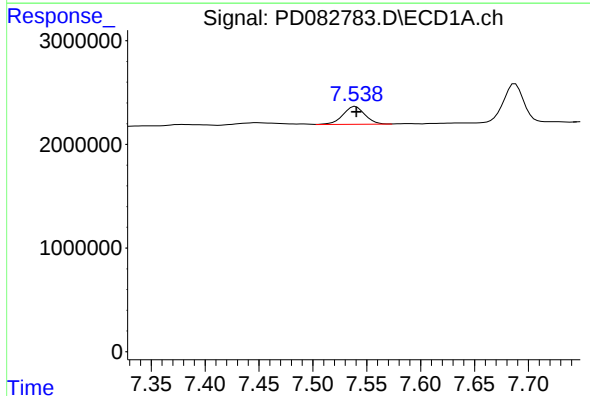
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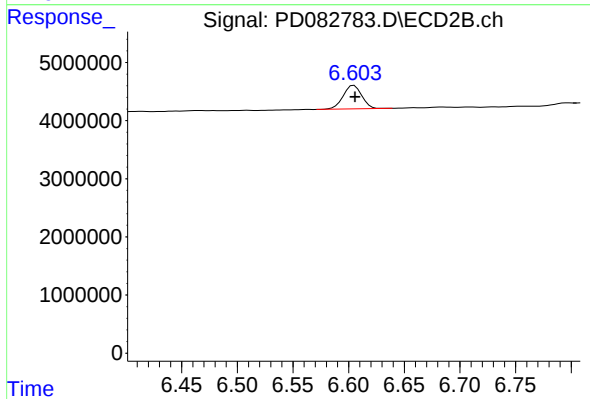
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 10038657
Conc: 2.52 ng/ml



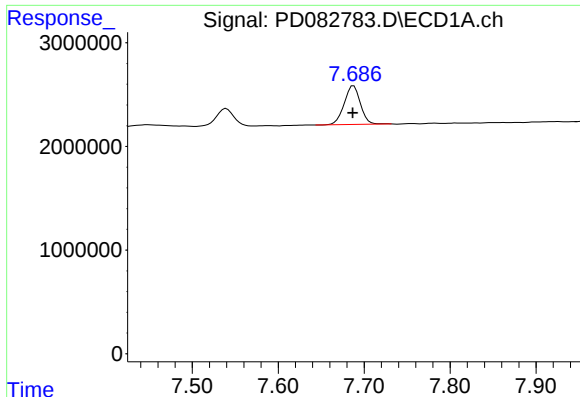
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 2435574
Conc: 2.66 ng/ml m



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 4738935
Conc: 2.33 ng/ml



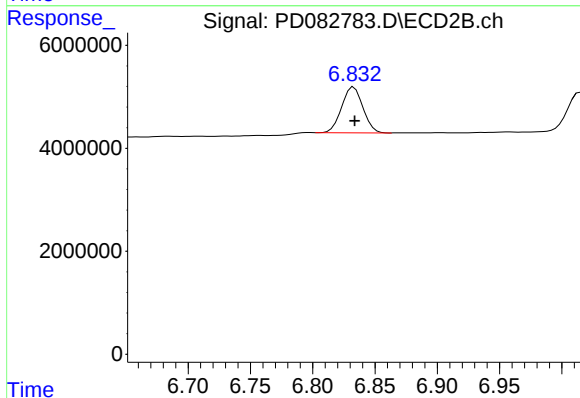
#21 Endrin ketone

R.T.: 7.688 min
Delta R.T.: 0.001 min
Response: 4914354
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

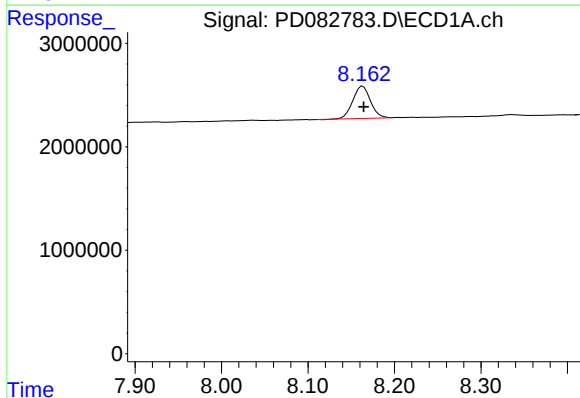
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



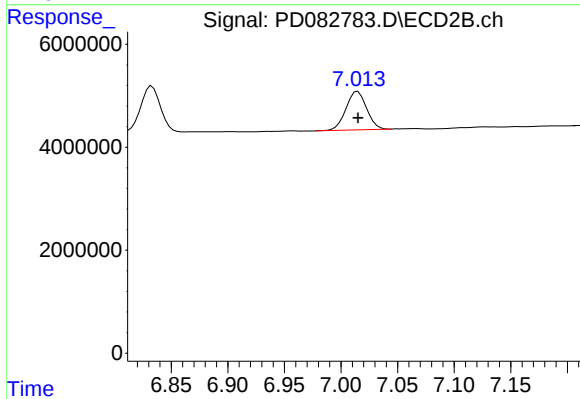
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 10567740
Conc: 2.32 ng/ml



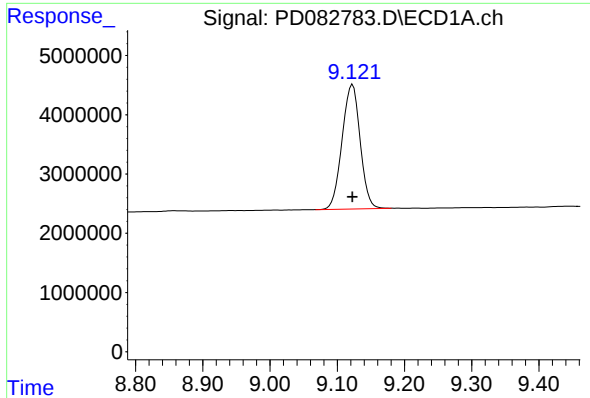
#22 Mirex

R.T.: 8.163 min
Delta R.T.: -0.001 min
Response: 4443815
Conc: 2.90 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 9499295
Conc: 2.66 ng/ml



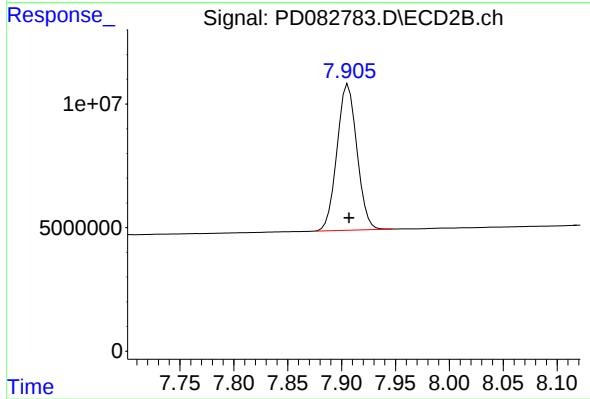
#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 39116851
Conc: 19.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 75991797
Conc: 19.66 ng/ml