

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111724\
 Data File : PD086768.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2024 11:07
 Operator : AR\AJ
 Sample : P4368-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :Ankita Jodhani 11/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 00:11:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 11:38:14 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...	3.558	2.885	23870079	171.3E6	16.341	17.321
28)	SA Decachlor...	9.093	8.093	35746204	192.2E6	18.646	17.945
Target Compounds							
2)	A alpha-BHC	4.007	3.399	2297474	16304739	0.802	1.074 #
3)	MA gamma-BHC...	4.339	3.737	2452081	16040306	0.856	1.097 #
4)	MA Heptachlor	4.940	4.093	2510585	15754256	0.918	1.118
5)	MB Aldrin	5.282	4.380	2560794	16425990	0.932	1.127
6)	B beta-BHC	4.523	4.033	1239807	7816122	1.085	1.226
7)	B delta-BHC	4.772	4.270	2843332	16202178	0.962	1.090
8)	B Heptachlo...	5.702	4.883	2446919	14595744	0.993	1.107m
9)	A Endosulfan I	6.086	5.259	2320685	14780495	1.011	1.190
10)	B gamma-Chl...	5.956	5.138	2164046	15438133	0.899	1.134 #
11)	B alpha-Chl...	6.038	5.202	2450481	15870175	1.012	1.186m
12)	B 4,4'-DDE	6.207	5.389	2061008	14894234	0.922	1.138
13)	MA Dieldrin	6.357	5.526	2417394	14214231	0.971m	1.043
14)	MA Endrin	6.585	5.801	1880295	13382315	0.872m	1.091m#
15)	B Endosulfa...	6.798	6.094	1984305	14500366	0.918	1.208 #
16)	A 4,4'-DDD	6.715	5.942	1924411	13081737	1.065m	1.188m
17)	MA 4,4'-DDT	7.032	6.199	1548058	10364318	0.846m	0.894
18)	B Endrin al...	6.926	6.273	1854091	11686100	1.121	1.246
19)	B Endosulfa...	7.161	6.497	2046430	14122671	1.018	1.220
20)	A Methoxychlor	7.506	6.770	1010508	5445862	0.934	0.862m
21)	B Endrin ke...	7.641	7.006	2329017	15200943	1.027m	1.195
22)	Mirex	8.128	7.203	1956602	13296962	1.182	1.280

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111724\
Data File : PD086768.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2024 11:07
Operator : AR\AJ
Sample : P4368-09
Misc : PEST MDL 1 PPB
ALS Vial : 10 Sample Multiplier: 1

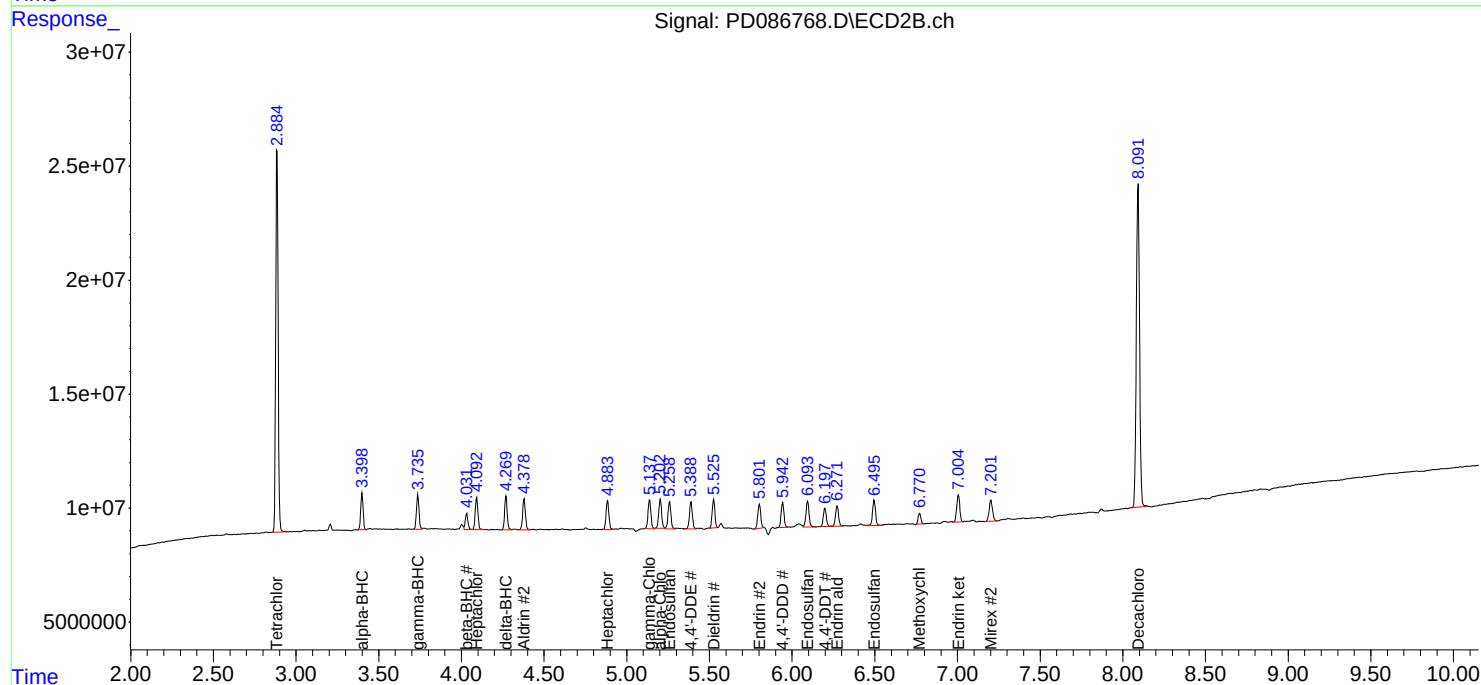
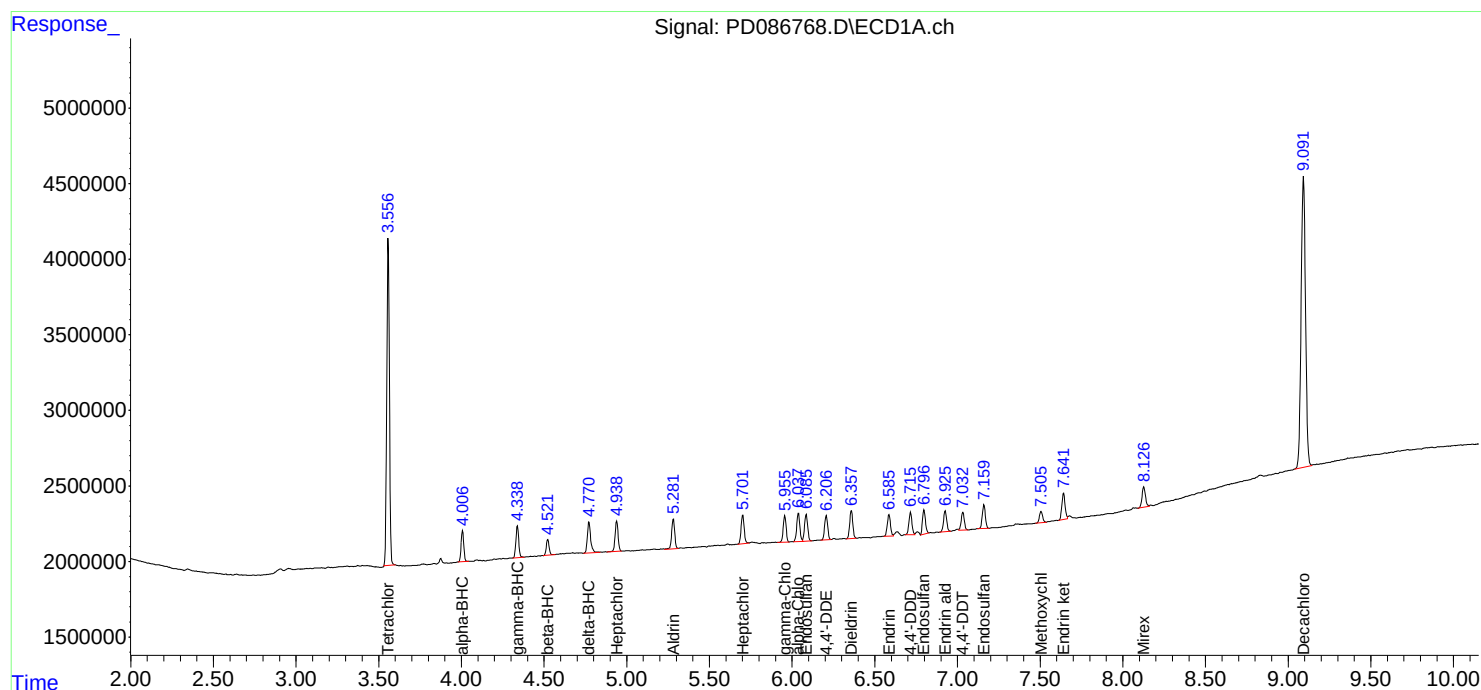
Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

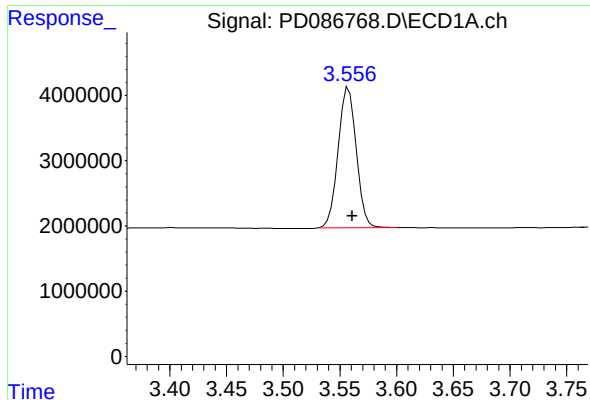
Manual Integrations
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Supervised By :Ankita Jodhani 11/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 16 00:11:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 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





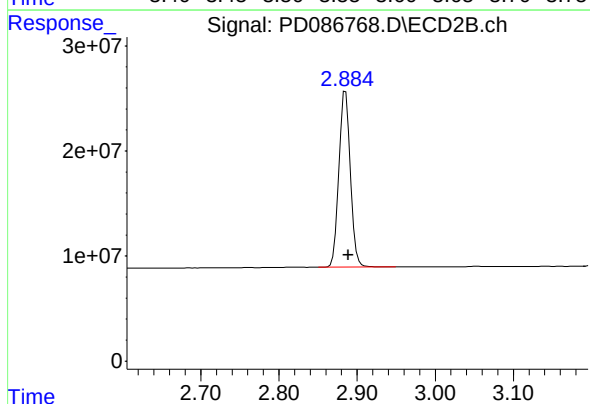
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: -0.003 min
Response: 23870079
Conc: 16.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

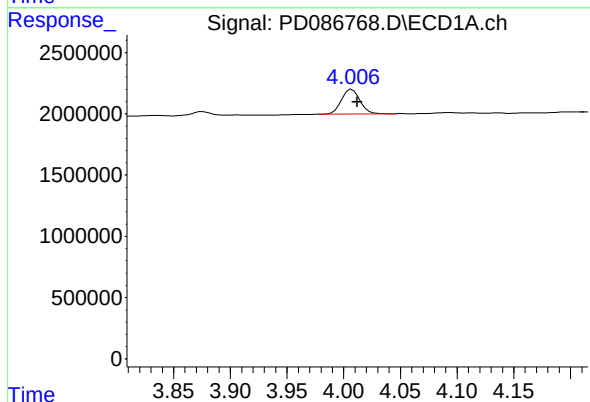
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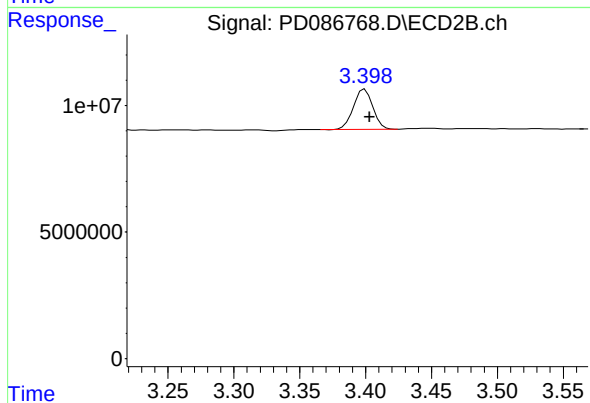
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: -0.003 min
Response: 171289762
Conc: 17.32 ng/ml



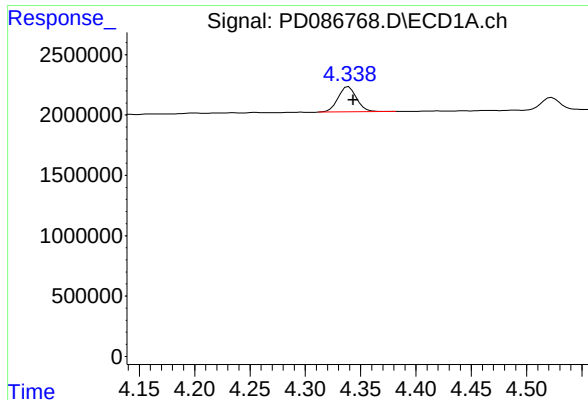
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: -0.005 min
Response: 2297474
Conc: 0.80 ng/ml



#2 alpha-BHC

R.T.: 3.399 min
Delta R.T.: -0.004 min
Response: 16304739
Conc: 1.07 ng/ml



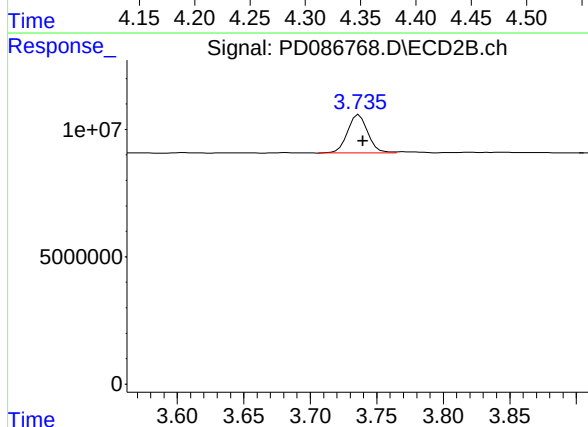
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: -0.004 min
Response: 2452081
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

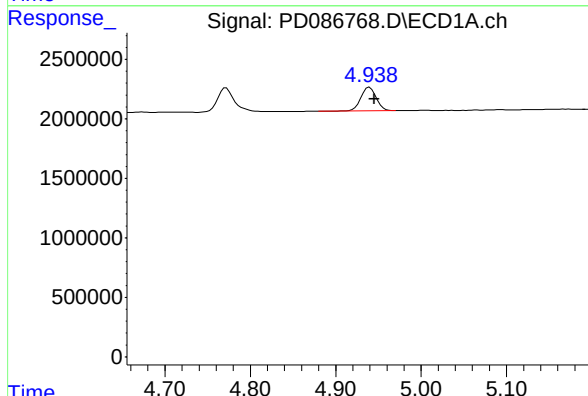
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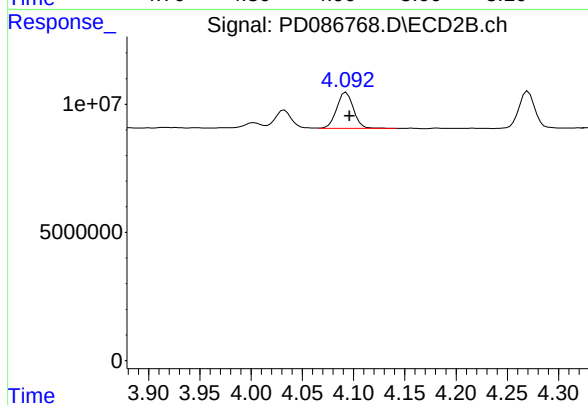
#3 gamma-BHC (Lindane)

R.T.: 3.737 min
Delta R.T.: -0.003 min
Response: 16040306
Conc: 1.10 ng/ml



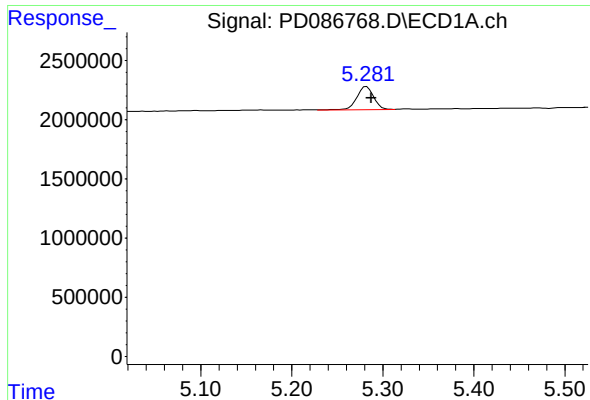
#4 Heptachlor

R.T.: 4.940 min
Delta R.T.: -0.005 min
Response: 2510585
Conc: 0.92 ng/ml



#4 Heptachlor

R.T.: 4.093 min
Delta R.T.: -0.003 min
Response: 15754256
Conc: 1.12 ng/ml



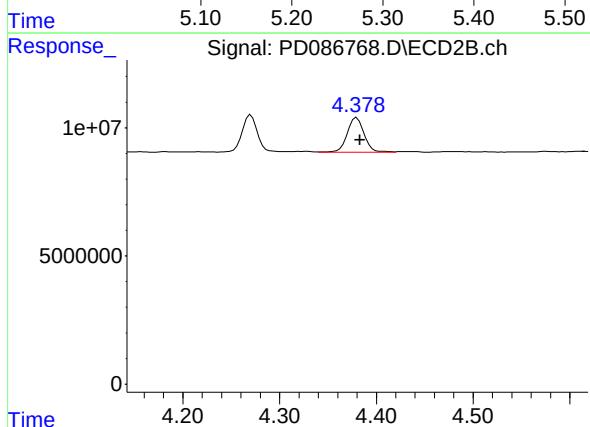
#5 Aldrin

R.T.: 5.282 min
Delta R.T.: -0.005 min
Response: 2560794
Conc: 0.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

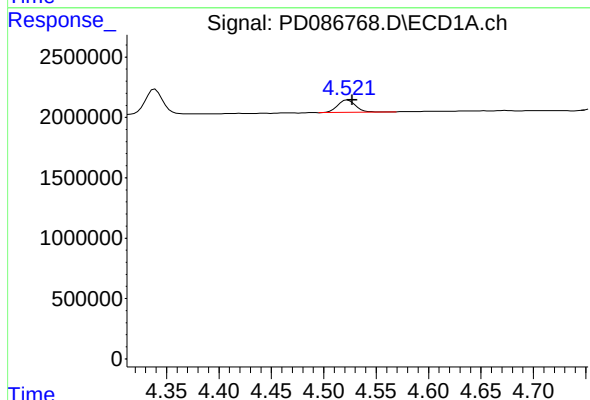
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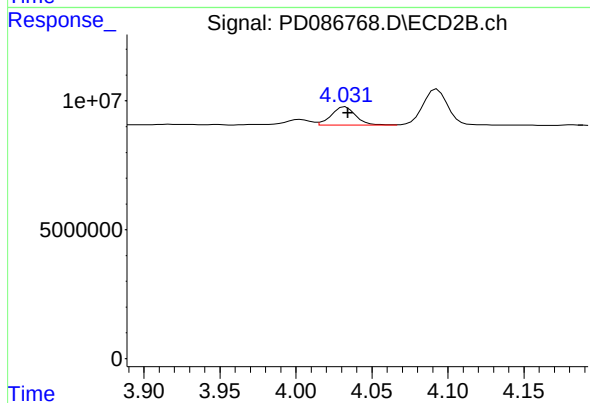
#5 Aldrin

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 16425990
Conc: 1.13 ng/ml



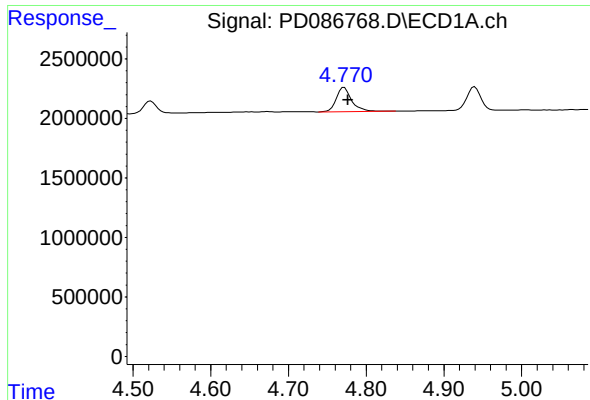
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 1239807
Conc: 1.08 ng/ml



#6 beta-BHC

R.T.: 4.033 min
Delta R.T.: -0.001 min
Response: 7816122
Conc: 1.23 ng/ml



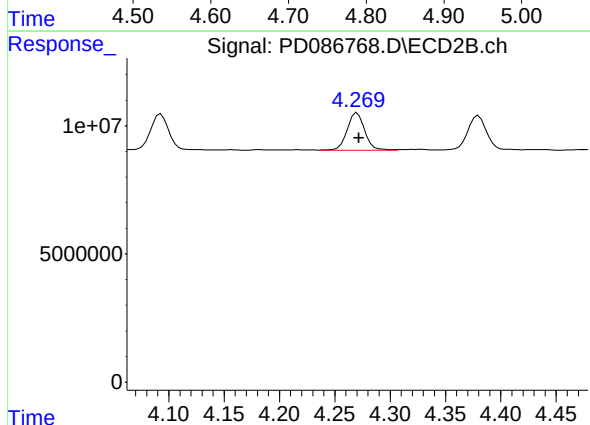
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.005 min
Response: 2843332
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

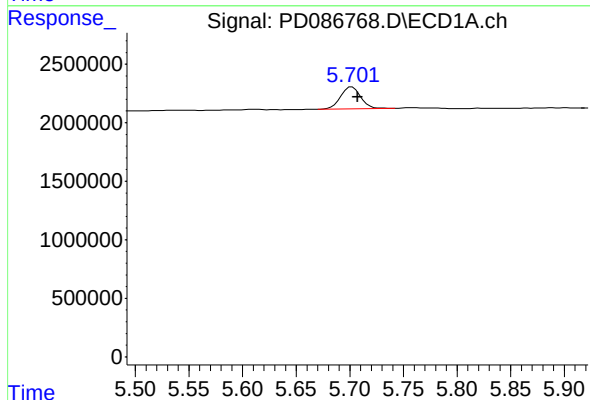
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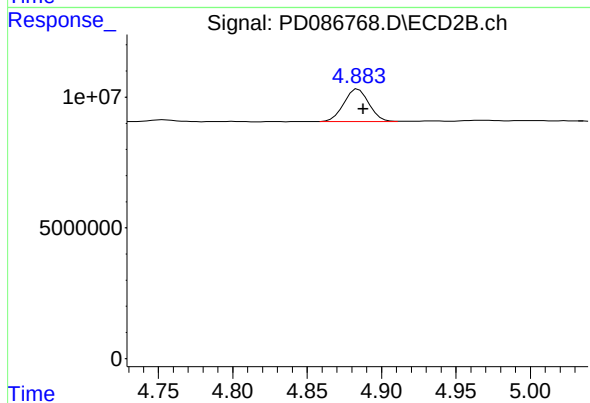
#7 delta-BHC

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 16202178
Conc: 1.09 ng/ml



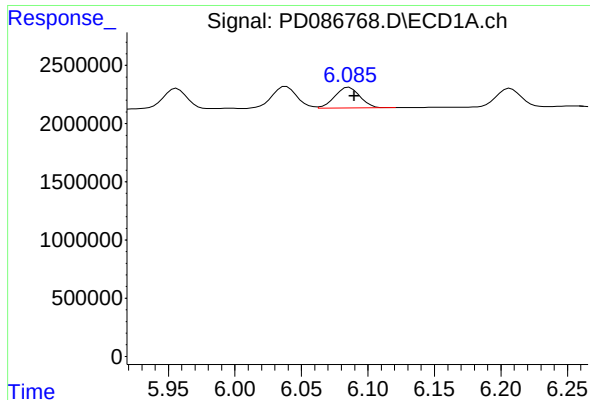
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 2446919
Conc: 0.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.883 min
Delta R.T.: -0.005 min
Response: 14595744
Conc: 1.11 ng/ml m



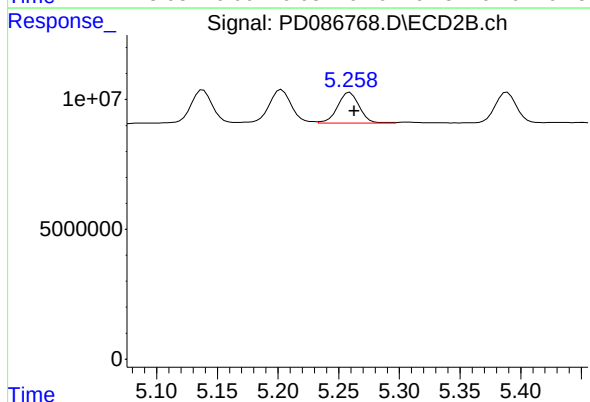
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 2320685
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

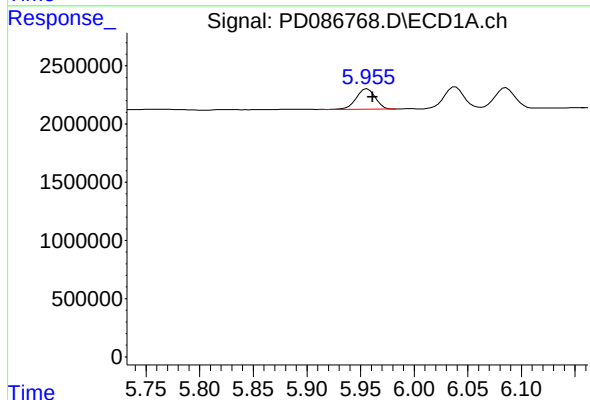
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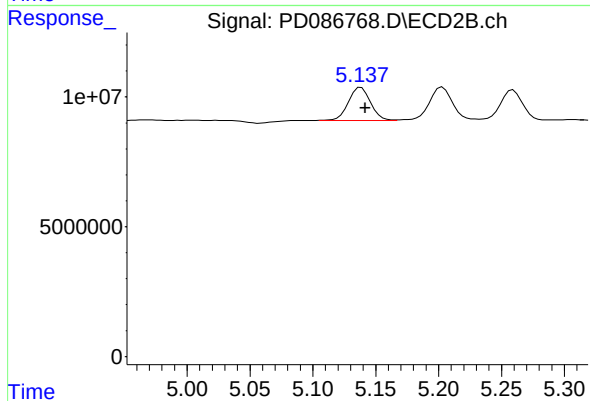
#9 Endosulfan I

R.T.: 5.259 min
Delta R.T.: -0.003 min
Response: 14780495
Conc: 1.19 ng/ml



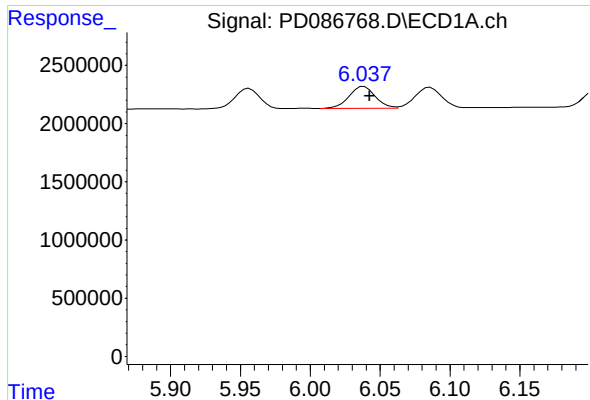
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: -0.005 min
Response: 2164046
Conc: 0.90 ng/ml



#10 gamma-Chlordane

R.T.: 5.138 min
Delta R.T.: -0.004 min
Response: 15438133
Conc: 1.13 ng/ml



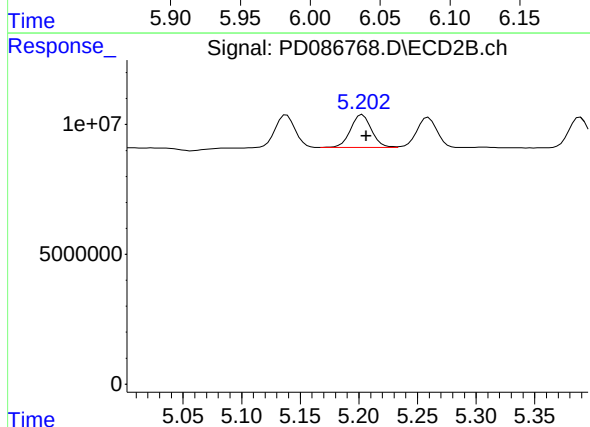
#11 alpha-Chlordane

R.T.: 6.038 min
Delta R.T.: -0.004 min
Response: 2450481
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

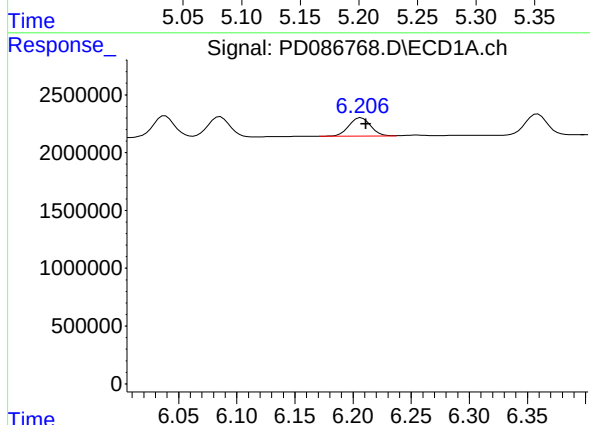
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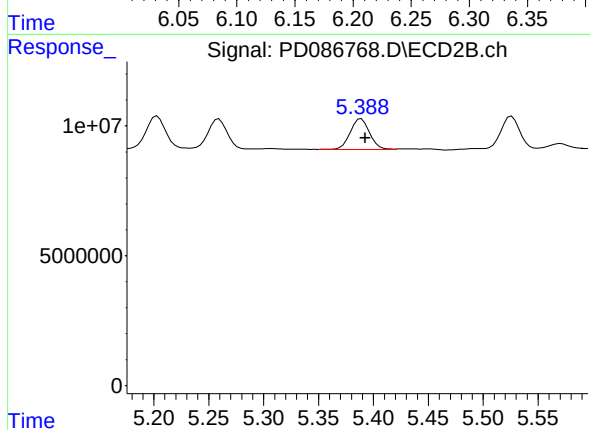
#11 alpha-Chlordane

R.T.: 5.202 min
Delta R.T.: -0.005 min
Response: 15870175
Conc: 1.19 ng/ml



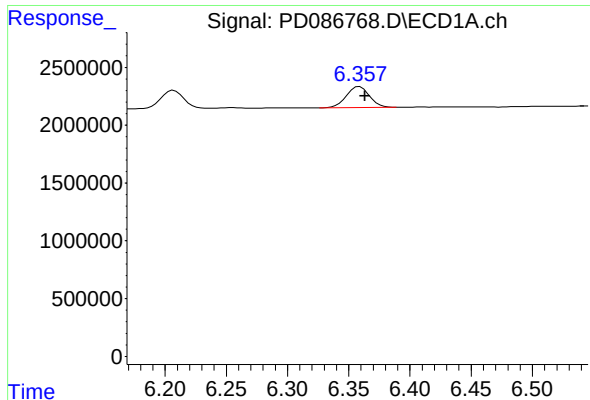
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 2061008
Conc: 0.92 ng/ml



#12 4,4'-DDE

R.T.: 5.389 min
Delta R.T.: -0.004 min
Response: 14894234
Conc: 1.14 ng/ml



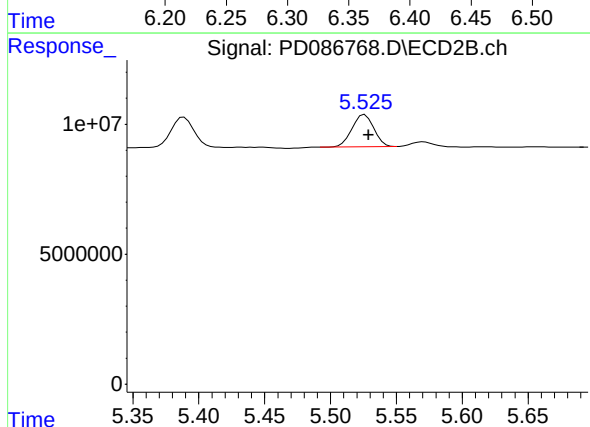
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: -0.006 min
Response: 2417394
Conc: 0.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

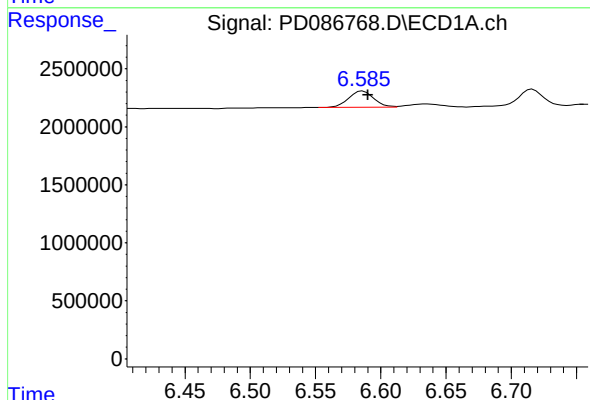
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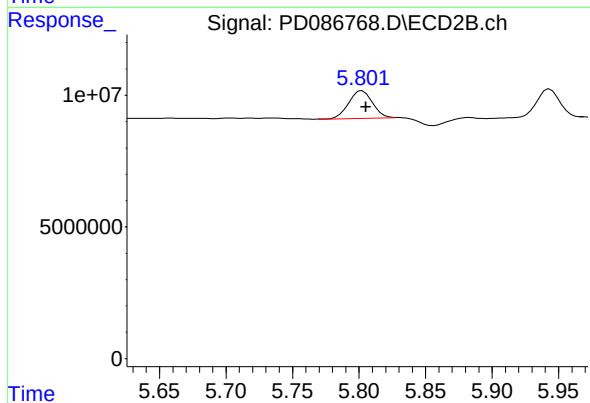
#13 Dieldrin

R.T.: 5.526 min
Delta R.T.: -0.003 min
Response: 14214231
Conc: 1.04 ng/ml



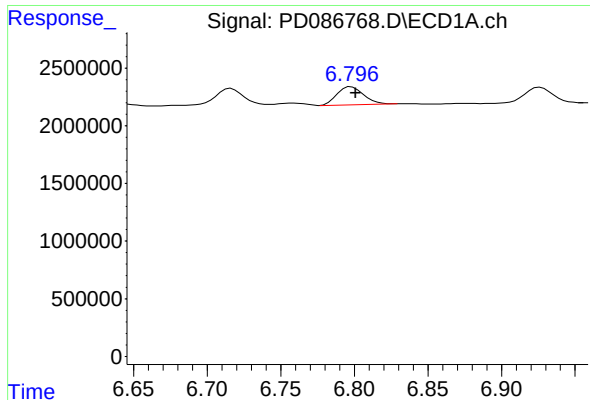
#14 Endrin

R.T.: 6.585 min
Delta R.T.: -0.005 min
Response: 1880295
Conc: 0.87 ng/ml m



#14 Endrin

R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 13382315
Conc: 1.09 ng/ml m



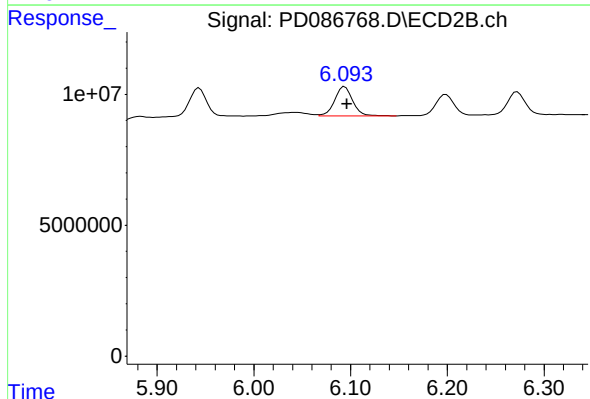
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: -0.003 min
Response: 1984305
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

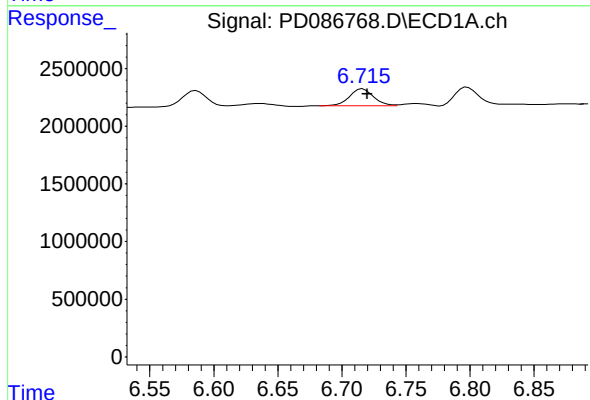
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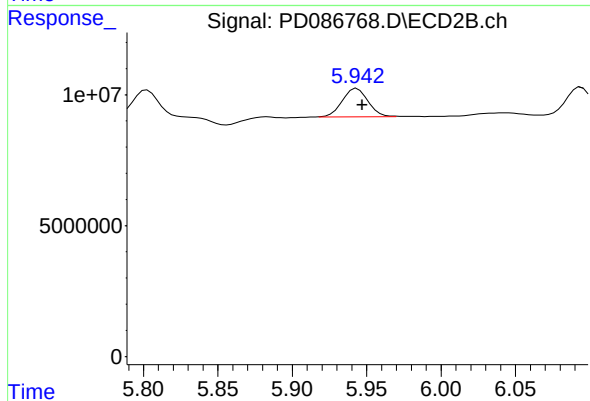
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 14500366
Conc: 1.21 ng/ml



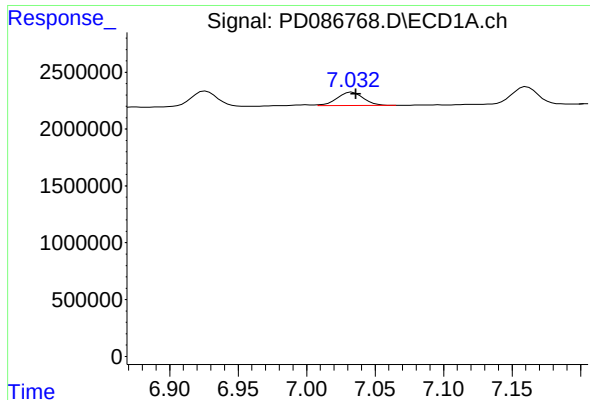
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.005 min
Response: 1924411
Conc: 1.06 ng/ml m



#16 4,4'-DDD

R.T.: 5.942 min
Delta R.T.: -0.005 min
Response: 13081737
Conc: 1.19 ng/ml m



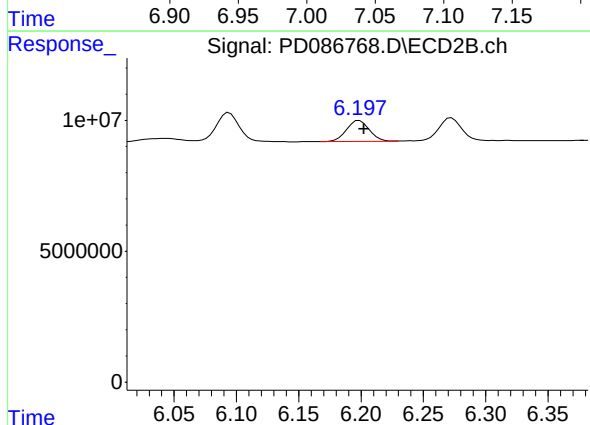
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: -0.004 min
Response: 1548058
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

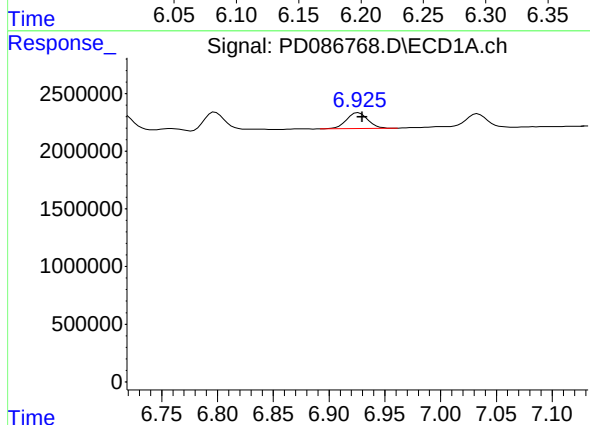
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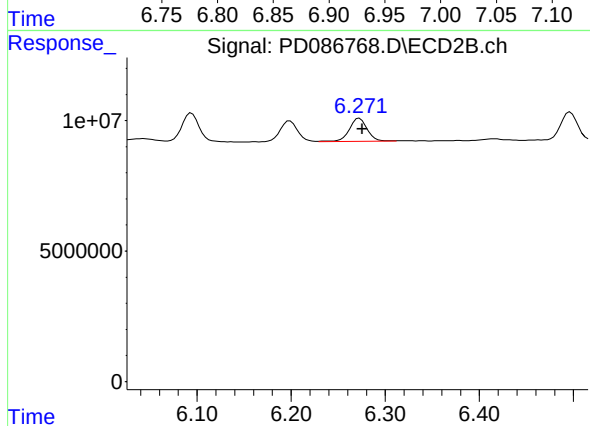
#17 4,4'-DDT

R.T.: 6.199 min
Delta R.T.: -0.004 min
Response: 10364318
Conc: 0.89 ng/ml



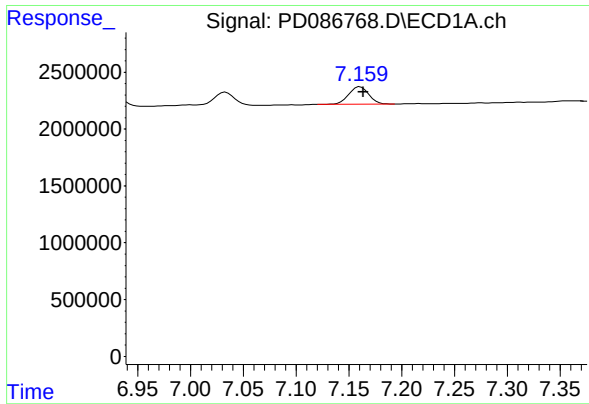
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.003 min
Response: 1854091
Conc: 1.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 11686100
Conc: 1.25 ng/ml



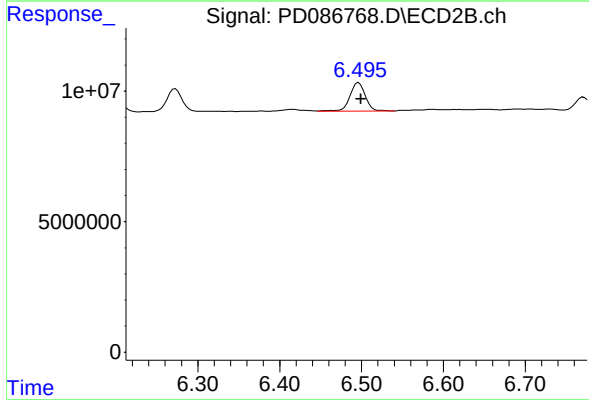
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.003 min
Response: 2046430
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

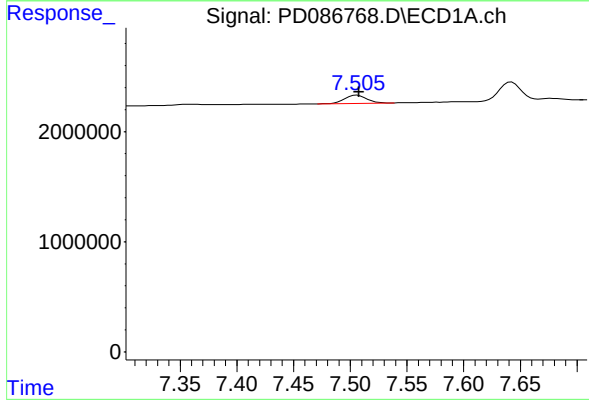
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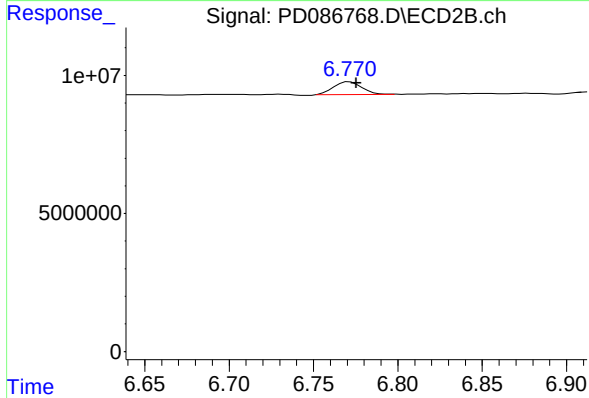
#19 Endosulfan Sulfate

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 14122671
Conc: 1.22 ng/ml



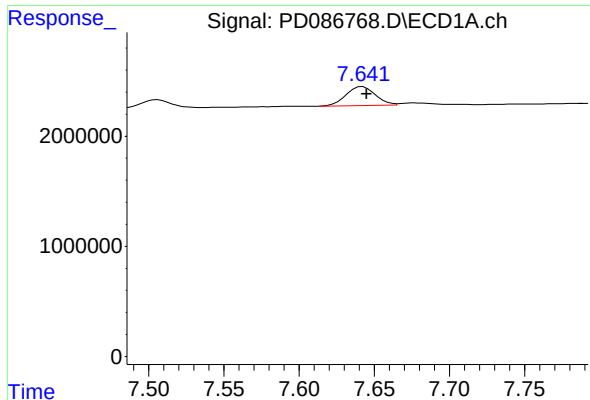
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: -0.002 min
Response: 1010508
Conc: 0.93 ng/ml



#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: -0.005 min
Response: 5445862
Conc: 0.86 ng/ml m



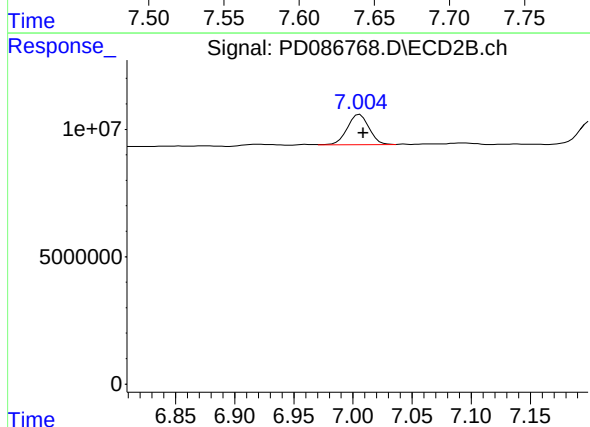
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 2329017
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

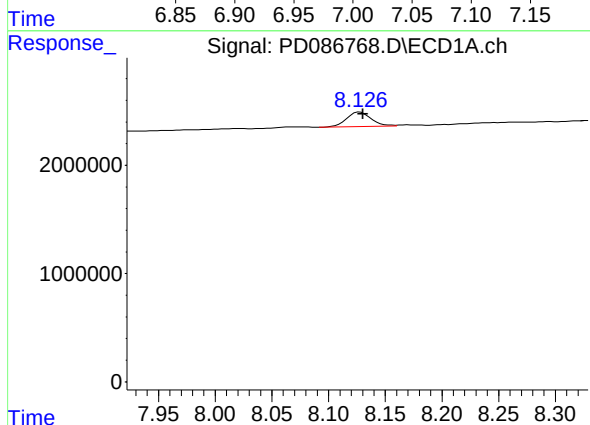
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :Ankita Jodhani 11/18/2024



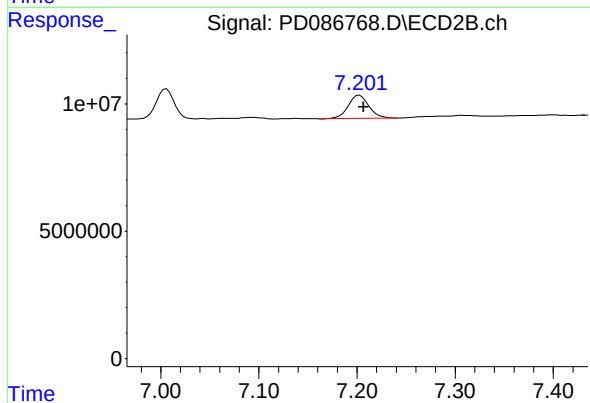
#21 Endrin ketone

R.T.: 7.006 min
Delta R.T.: -0.003 min
Response: 15200943
Conc: 1.20 ng/ml



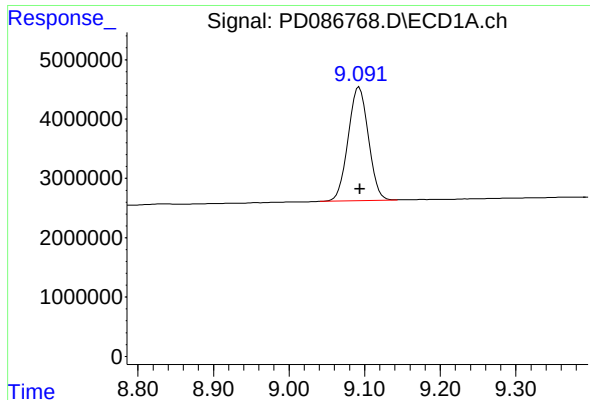
#22 Mirex

R.T.: 8.128 min
Delta R.T.: -0.003 min
Response: 1956602
Conc: 1.18 ng/ml



#22 Mirex

R.T.: 7.203 min
Delta R.T.: -0.004 min
Response: 13296962
Conc: 1.28 ng/ml



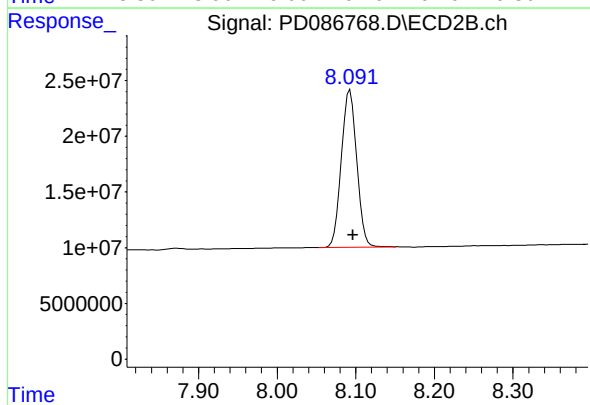
#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: -0.001 min
Response: 35746204
Conc: 18.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.093 min
Delta R.T.: -0.004 min
Response: 192229650
Conc: 17.95 ng/ml