

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031821\
 Data File : PL065404.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2021 18:42
 Operator : AR\AJ
 Sample : M1458-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT1-2021

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 07:17:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 19 02:14:11 2021
 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...	3.289	3.789	46148784	47039659	19.433	17.138
28)	SA Decachlor...	7.933	8.743	48819523	39058098	20.206	19.705
Target Compounds							
2)	A alpha-BHC	3.713	4.174	3602826	2311796	0.964	0.569 #
3)	MA gamma-BHC...	3.987	4.453	2619675	2103162	0.766	0.576
4)	MA Heptachlor	4.271	4.941	2164564	3208455	0.661m	0.962 #
5)	MB Aldrin	4.511	5.237	2337165	2232433	0.738	0.682
6)	B beta-BHC	4.227	4.637	4516740	5946996	3.194m	3.452m
7)	B delta-BHC	4.430	4.846	2078370	2446360	0.625	0.819 #
8)	B Heptachlo...	4.943	5.622	2542983	2251301	0.860	0.779m
9)	A Endosulfan I	5.271	5.974	2198590	1982859	0.807	0.753
10)	B gamma-Chl...	5.165	5.853	2814994	2287251	0.953	0.820m
11)	B alpha-Chl...	5.220	5.923	2650719	2221447	0.911	0.800m
12)	B 4,4'-DDE	5.387	6.088	2162008	1637061	0.822	0.657
13)	MA Dieldrin	5.508	6.231	2015844	1908166	0.720	0.701
14)	MA Endrin	5.759	6.445	1957135	1249943	0.784	0.566 #
15)	B Endosulfa...	6.030	6.660	2671827	1775366	1.091	0.786m#
16)	A 4,4'-DDD	5.894	6.574	1479518	2276567	0.669	1.035m#
17)	MA 4,4'-DDT	6.128	6.872	1121493	1194708	0.593	0.609
18)	B Endrin al...	6.198	6.786	1822165	1399647	0.949	0.799
19)	B Endosulfa...	6.408	7.008	2121556	1566528	0.858	0.714
20)	A Methoxychlor	6.674	7.339	705839	627713	0.616	0.601
21)	B Endrin ke...	6.887	7.474	2153926	1872599	0.801	0.794
22)	Mirex	7.059	7.914	1695536	886387	0.833	0.533 #

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

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 Data File : PL065404.D
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 Acq On : 18 Mar 2021 18:42
 Operator : AR\AJ
 Sample : M1458-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 29 Sample Multiplier: 1

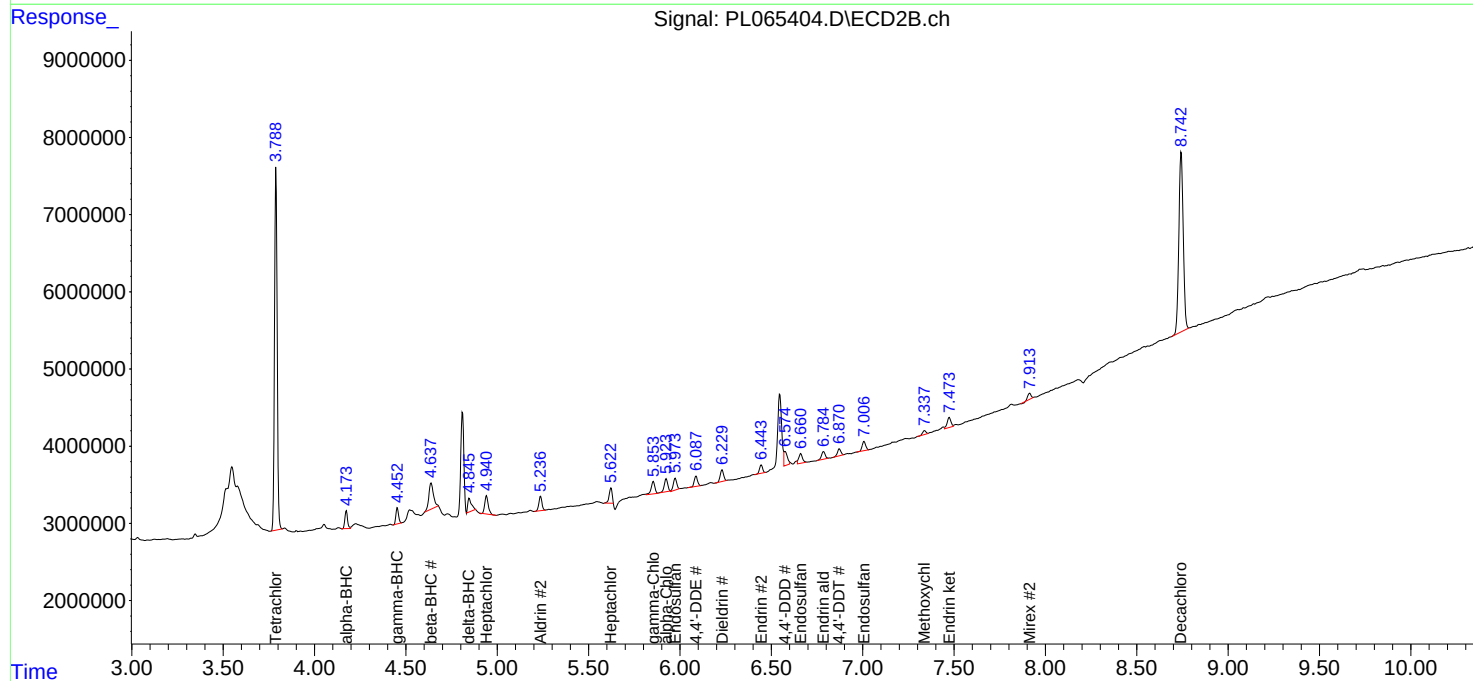
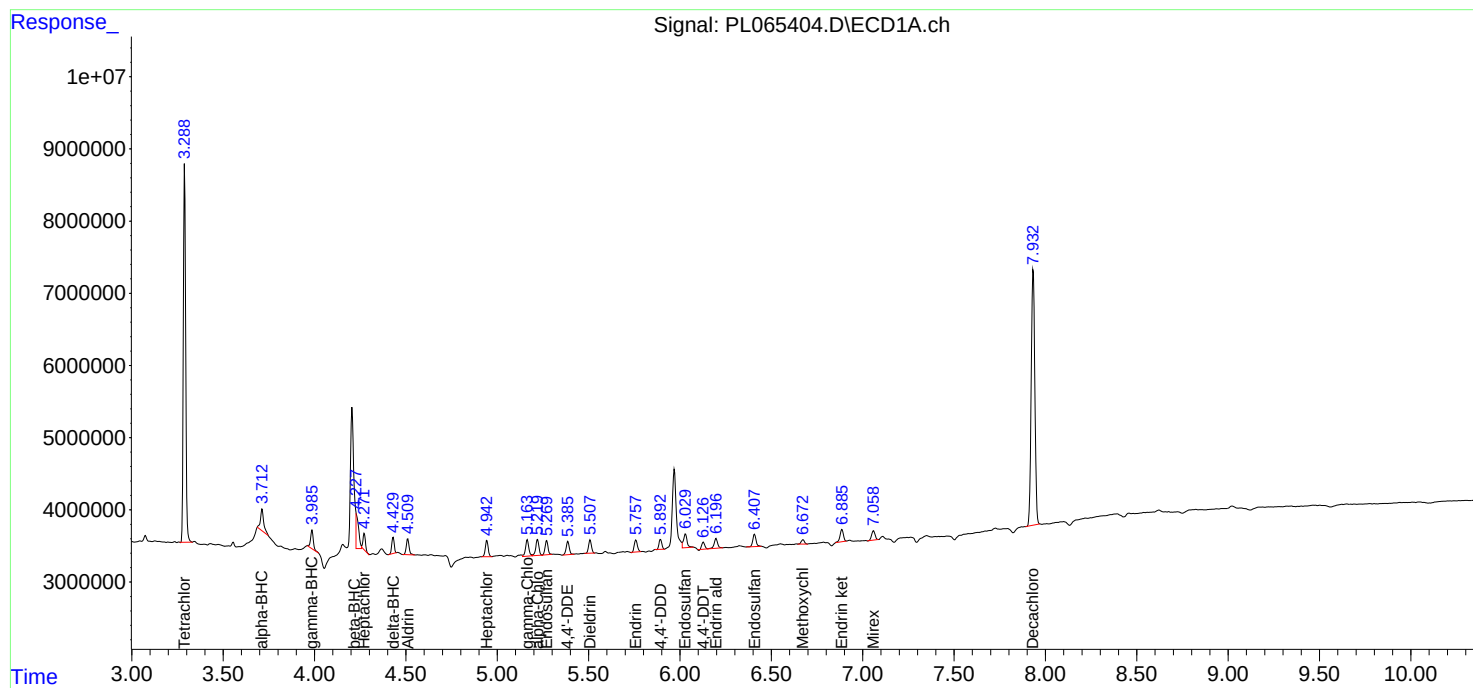
Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT1-2021

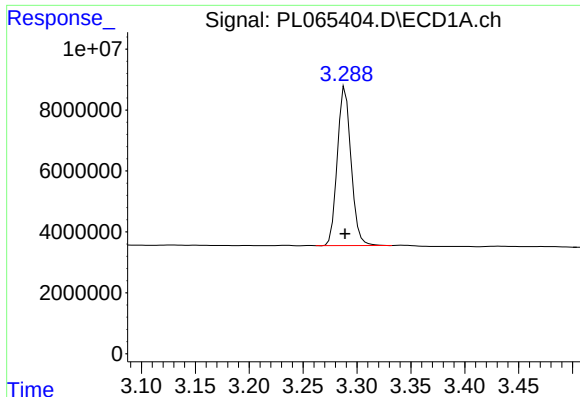
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 07:17:23 2021
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Volume Inj. : 1 µl
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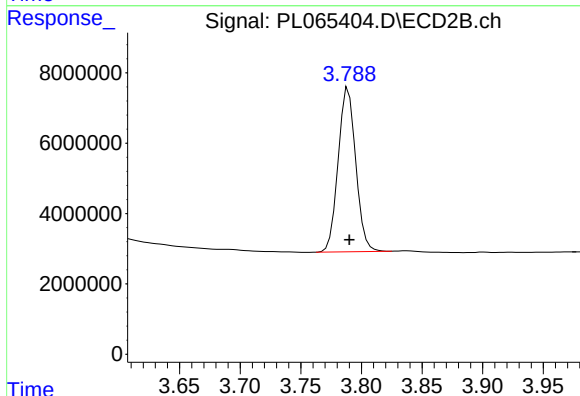
#1 Tetrachloro-m-xylene

R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 46148784
Conc: 19.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2021

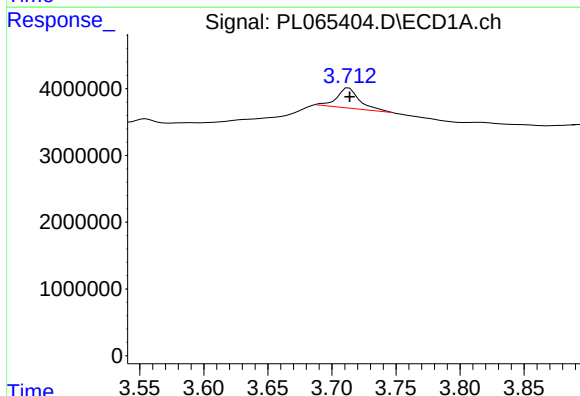
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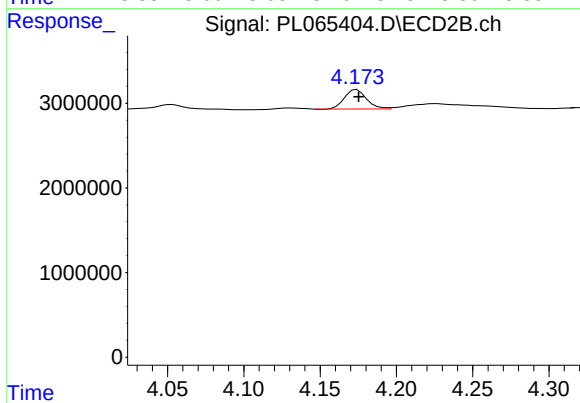
#1 Tetrachloro-m-xylene

R.T.: 3.789 min
Delta R.T.: 0.000 min
Response: 47039659
Conc: 17.14 ng/ml



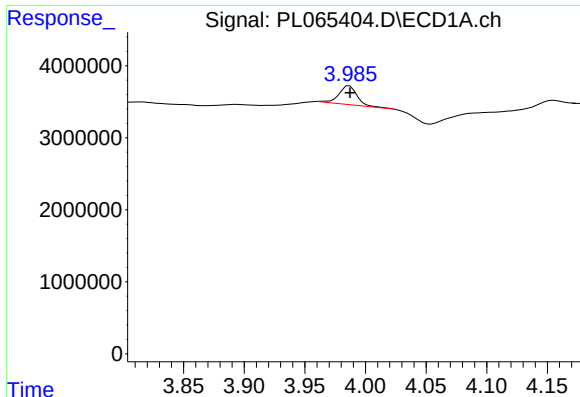
#2 alpha-BHC

R.T.: 3.713 min
Delta R.T.: 0.000 min
Response: 3602826
Conc: 0.96 ng/ml



#2 alpha-BHC

R.T.: 4.174 min
Delta R.T.: -0.001 min
Response: 2311796
Conc: 0.57 ng/ml



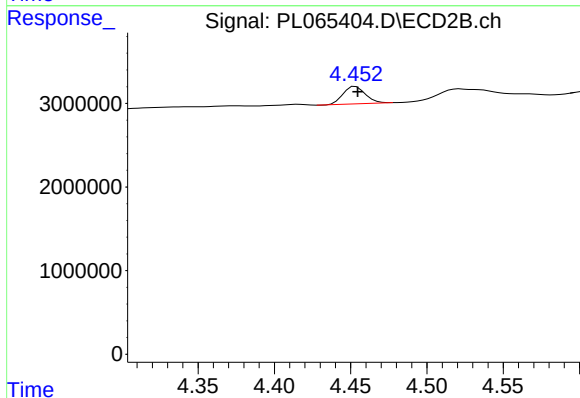
#3 gamma-BHC (Lindane)

R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 2619675
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2021

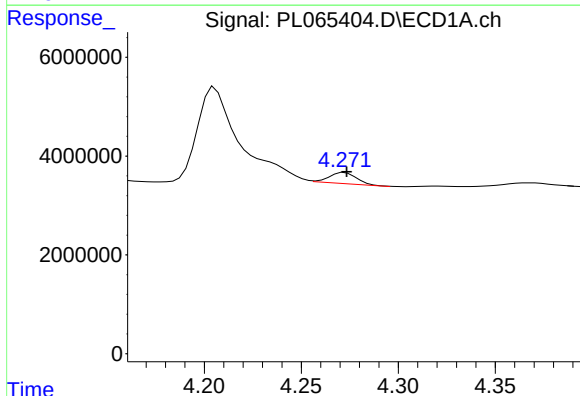
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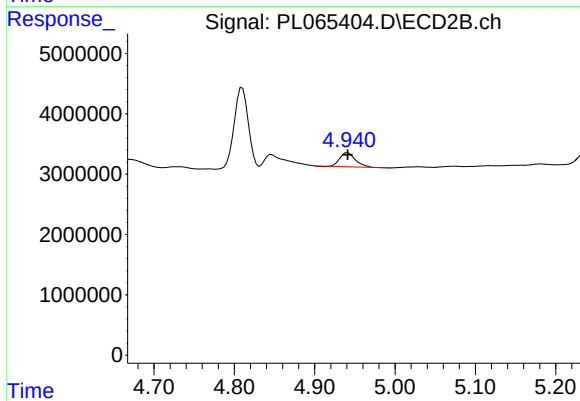
#3 gamma-BHC (Lindane)

R.T.: 4.453 min
Delta R.T.: -0.001 min
Response: 2103162
Conc: 0.58 ng/ml



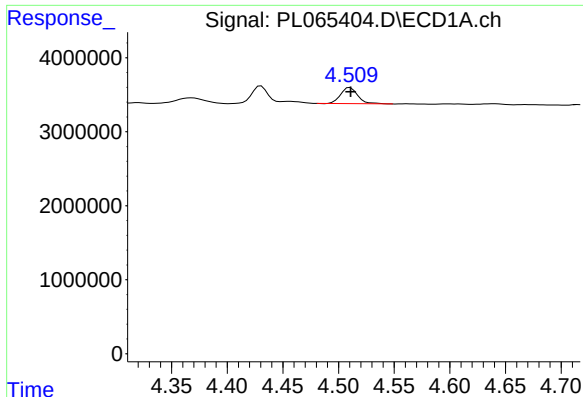
#4 Heptachlor

R.T.: 4.271 min
Delta R.T.: -0.003 min
Response: 2164564
Conc: 0.66 ng/ml m



#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 3208455
Conc: 0.96 ng/ml



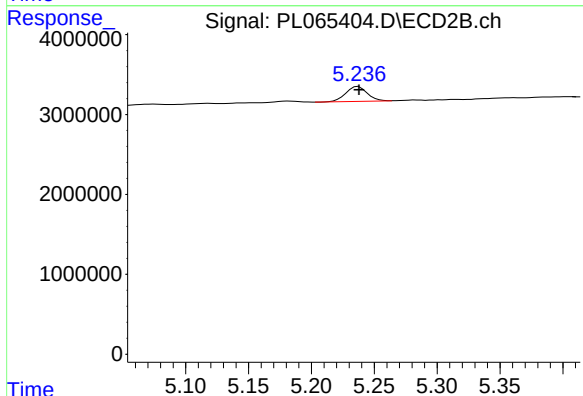
#5 Aldrin

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 2337165
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2021

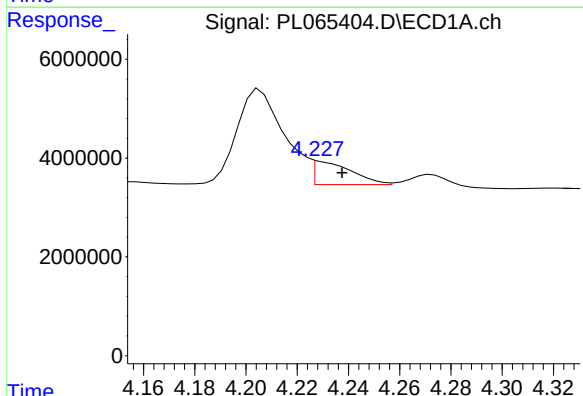
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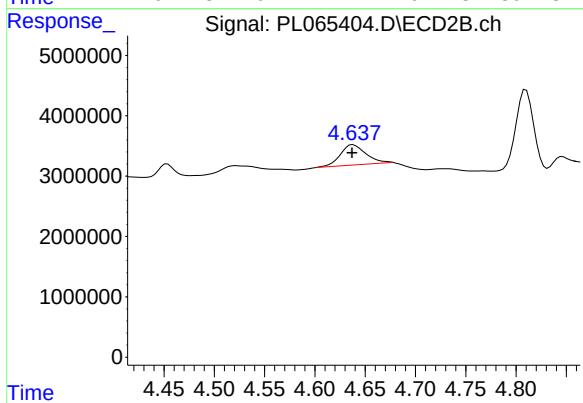
#5 Aldrin

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 2232433
Conc: 0.68 ng/ml



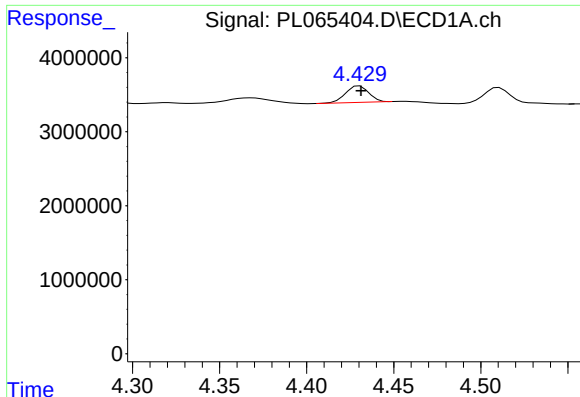
#6 beta-BHC

R.T.: 4.227 min
Delta R.T.: -0.011 min
Response: 4516740
Conc: 3.19 ng/ml m



#6 beta-BHC

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 5946996
Conc: 3.45 ng/ml m



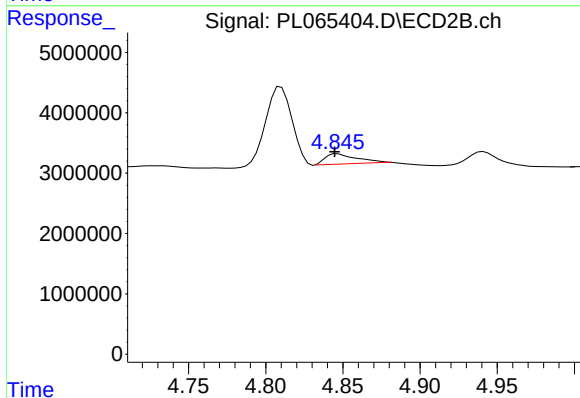
#7 delta-BHC

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 2078370
Conc: 0.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2021

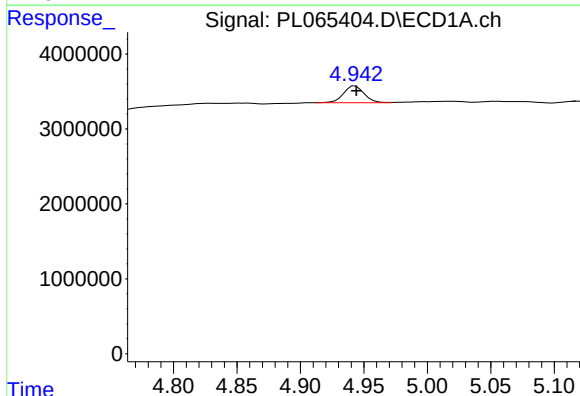
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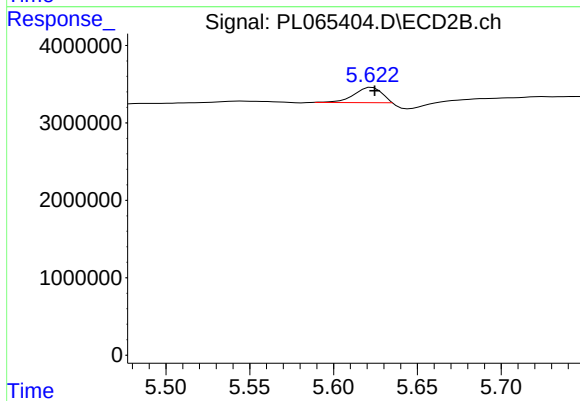
#7 delta-BHC

R.T.: 4.846 min
Delta R.T.: 0.002 min
Response: 2446360
Conc: 0.82 ng/ml



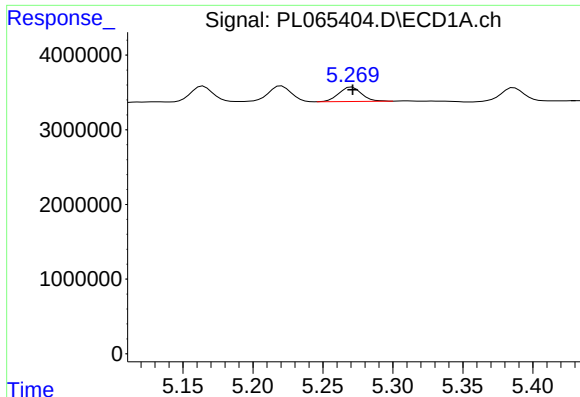
#8 Heptachlor epoxide

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 2542983
Conc: 0.86 ng/ml



#8 Heptachlor epoxide

R.T.: 5.622 min
Delta R.T.: -0.003 min
Response: 2251301
Conc: 0.78 ng/ml m



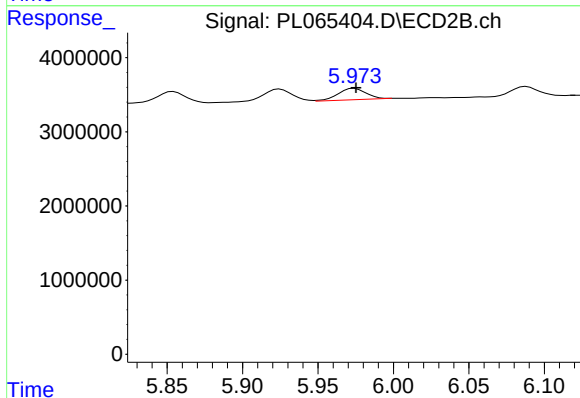
#9 Endosulfan I

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 2198590
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2021

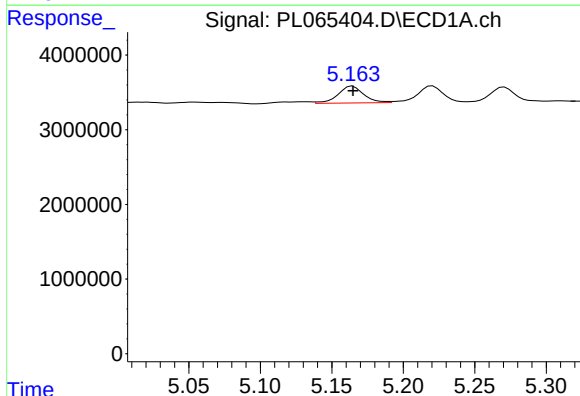
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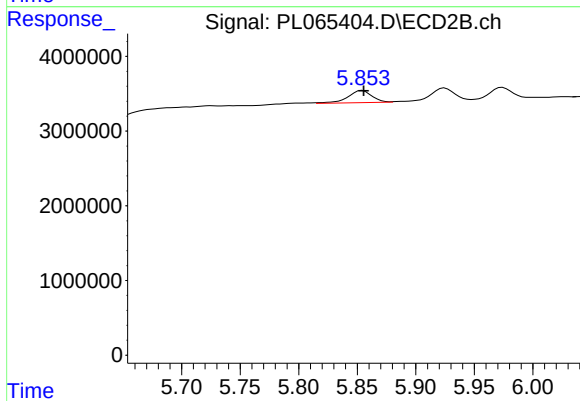
#9 Endosulfan I

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 1982859
Conc: 0.75 ng/ml



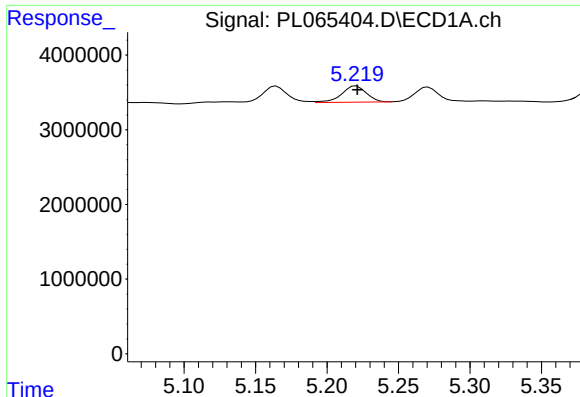
#10 gamma-Chlordane

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 2814994
Conc: 0.95 ng/ml



#10 gamma-Chlordane

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 2287251
Conc: 0.82 ng/ml m



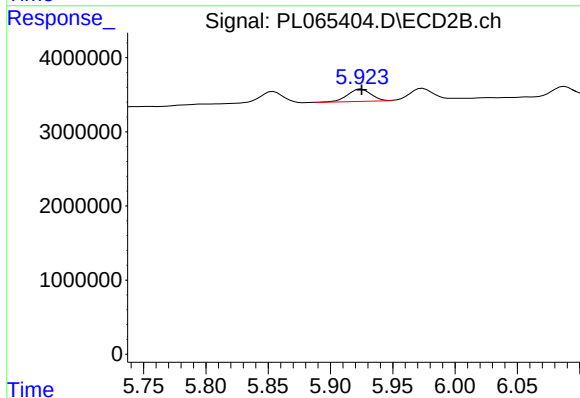
#11 alpha-Chlordane

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 2650719
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2021

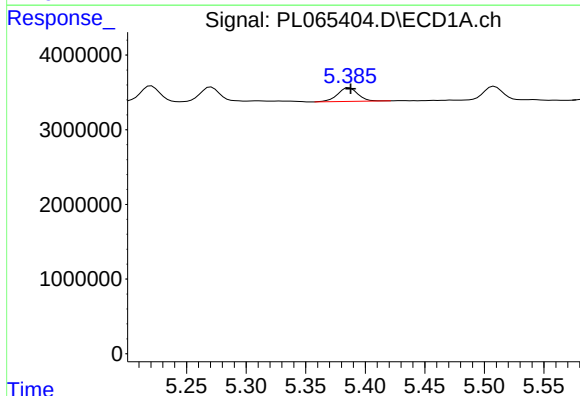
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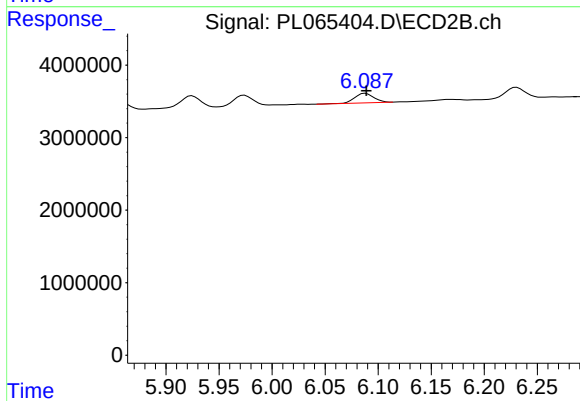
#11 alpha-Chlordane

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 2221447
Conc: 0.80 ng/ml m



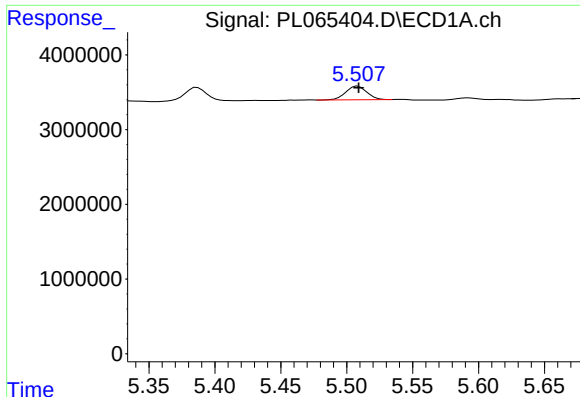
#12 4,4'-DDE

R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 2162008
Conc: 0.82 ng/ml



#12 4,4'-DDE

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 1637061
Conc: 0.66 ng/ml



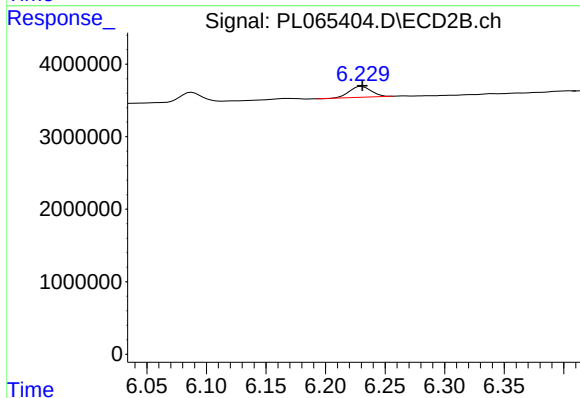
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 2015844
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2021

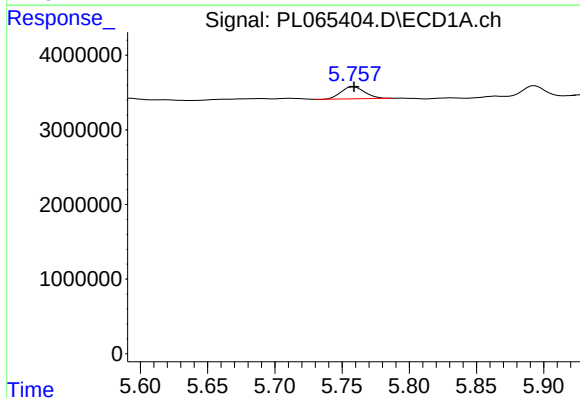
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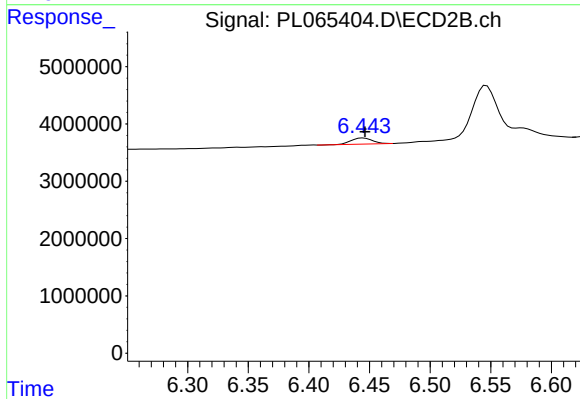
#13 Dieldrin

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 1908166
Conc: 0.70 ng/ml



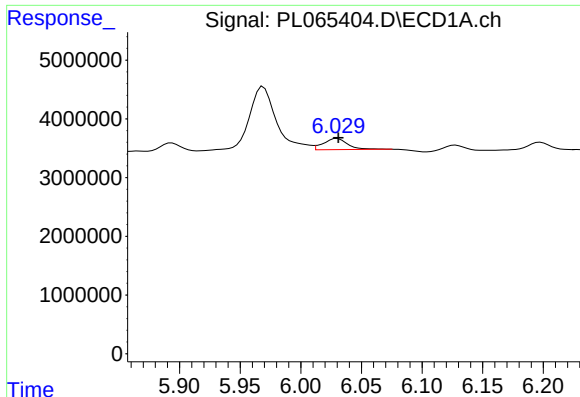
#14 Endrin

R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 1957135
Conc: 0.78 ng/ml



#14 Endrin

R.T.: 6.445 min
Delta R.T.: -0.001 min
Response: 1249943
Conc: 0.57 ng/ml



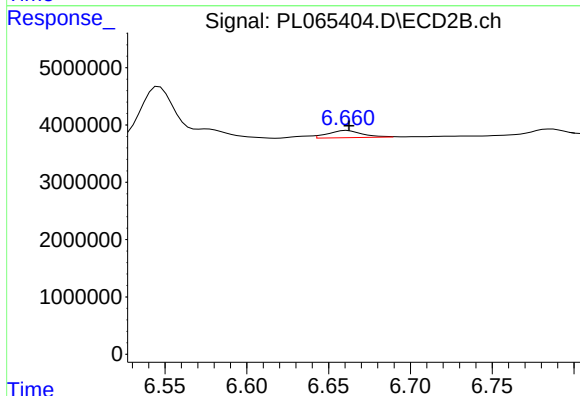
#15 Endosulfan II

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 2671827
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
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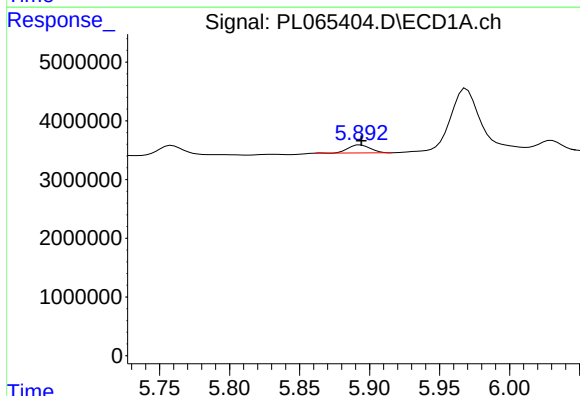
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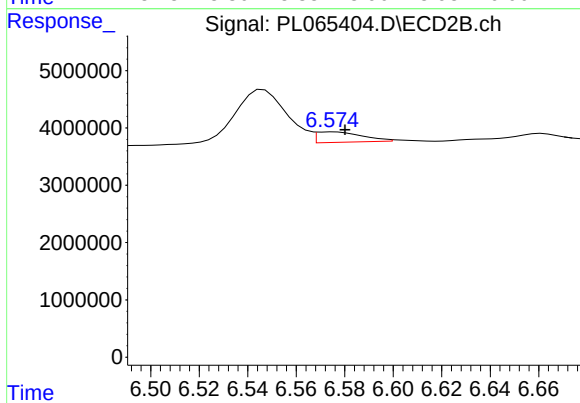
#15 Endosulfan II

R.T.: 6.660 min
Delta R.T.: -0.002 min
Response: 1775366
Conc: 0.79 ng/ml m



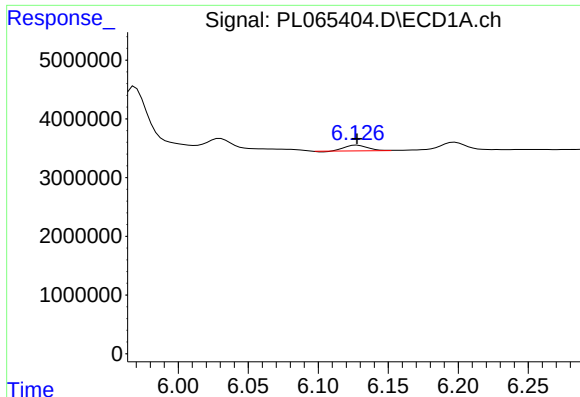
#16 4,4'-DDD

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 1479518
Conc: 0.67 ng/ml



#16 4,4'-DDD

R.T.: 6.574 min
Delta R.T.: -0.006 min
Response: 2276567
Conc: 1.04 ng/ml m



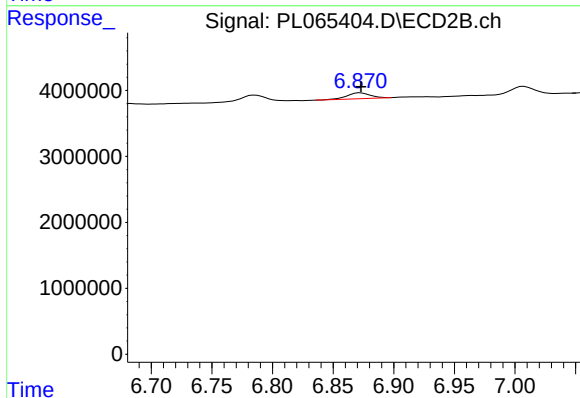
#17 4,4'-DDT

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 1121493
Conc: 0.59 ng/ml

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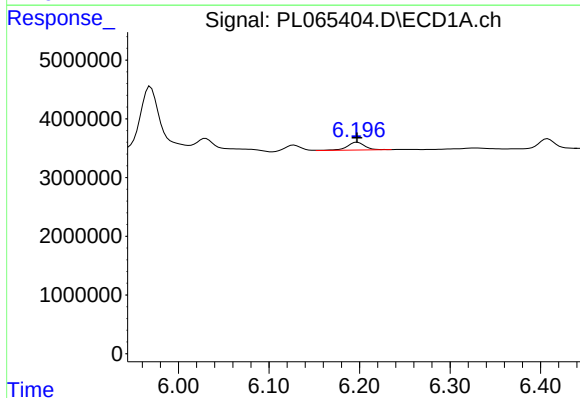
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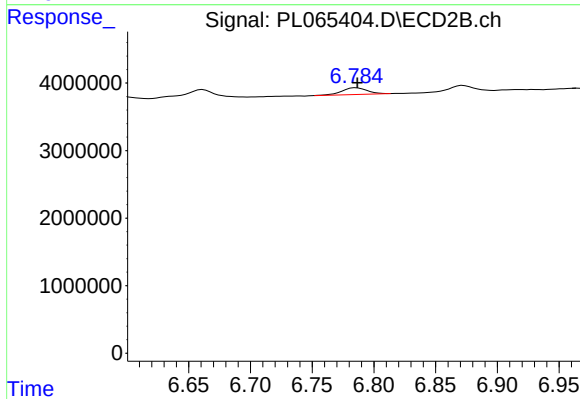
#17 4,4'-DDT

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 1194708
Conc: 0.61 ng/ml



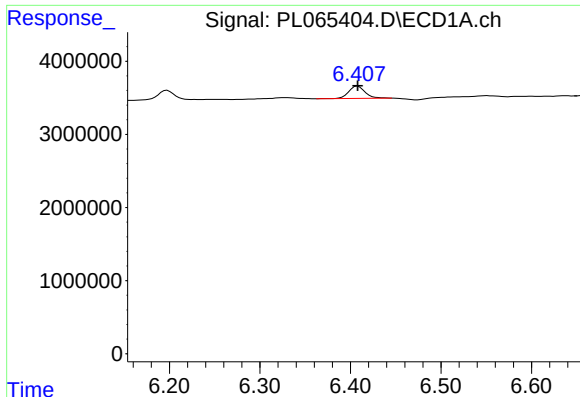
#18 Endrin aldehyde

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 1822165
Conc: 0.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 1399647
Conc: 0.80 ng/ml



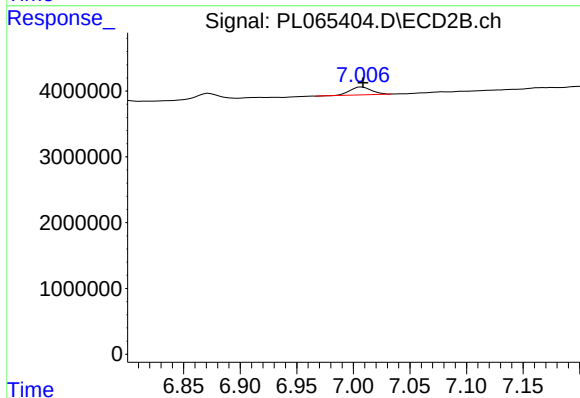
#19 Endosulfan Sulfate

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 2121556
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2021

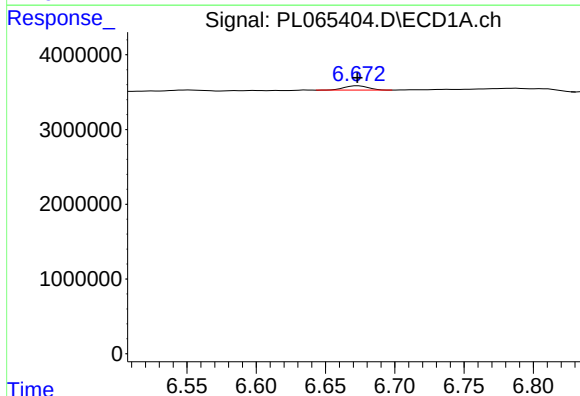
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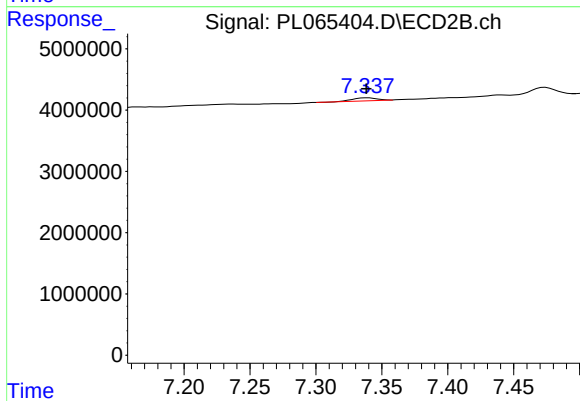
#19 Endosulfan Sulfate

R.T.: 7.008 min
Delta R.T.: -0.001 min
Response: 1566528
Conc: 0.71 ng/ml



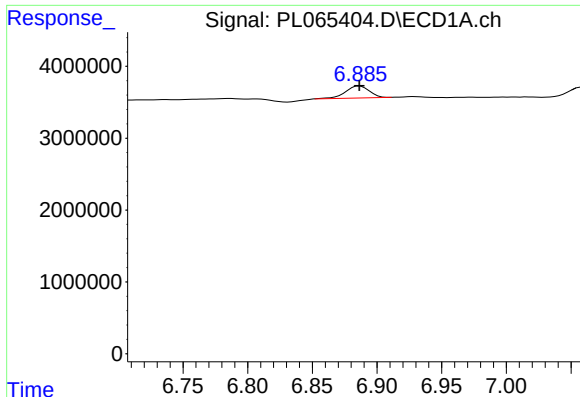
#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 705839
Conc: 0.62 ng/ml



#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 627713
Conc: 0.60 ng/ml



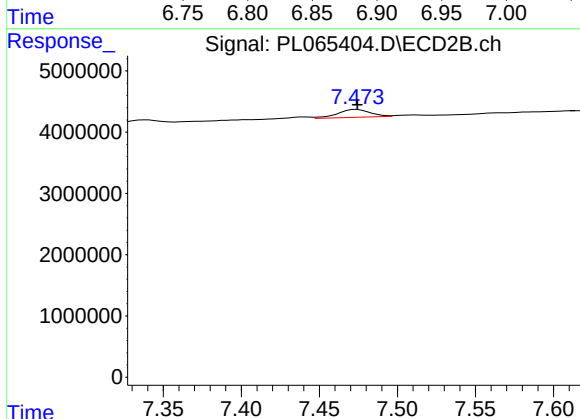
#21 Endrin ketone

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 2153926
Conc: 0.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2021

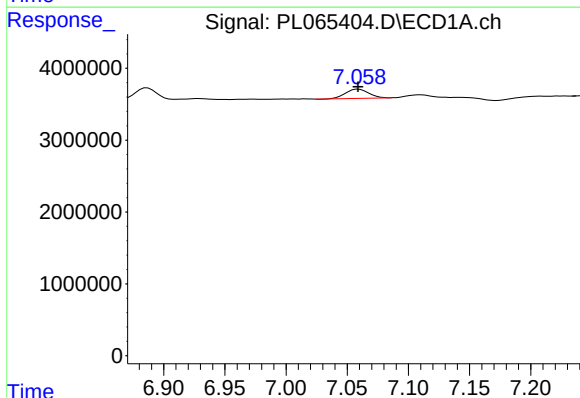
Manual Integrations
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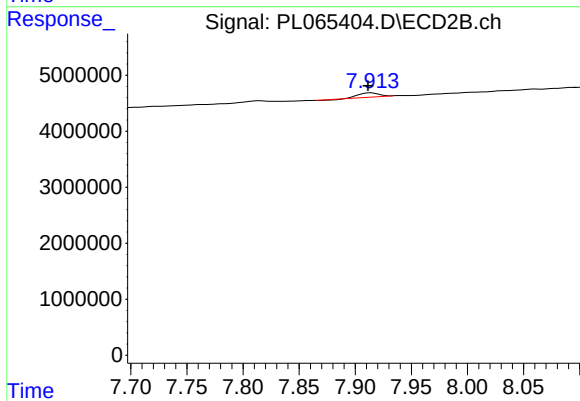
#21 Endrin ketone

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 1872599
Conc: 0.79 ng/ml



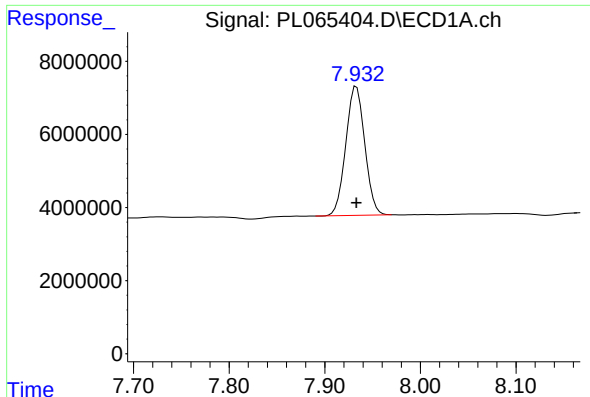
#22 Mirex

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 1695536
Conc: 0.83 ng/ml



#22 Mirex

R.T.: 7.914 min
Delta R.T.: 0.003 min
Response: 886387
Conc: 0.53 ng/ml



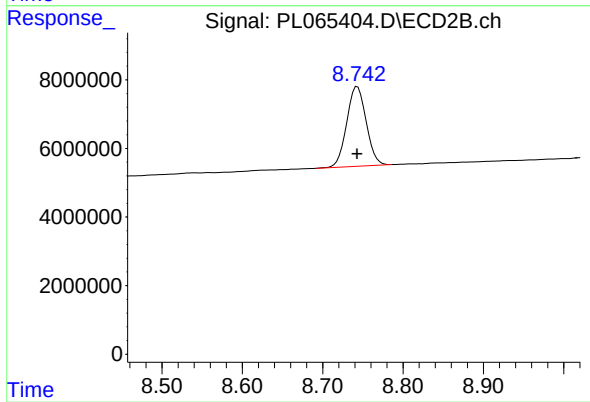
#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 48819523
Conc: 20.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations
APPROVED

Ankita
3/19/2021 1:09:20 PM



#28 Decachlorobiphenyl

R.T.: 8.743 min
Delta R.T.: 0.000 min
Response: 39058098
Conc: 19.71 ng/ml