

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041519\
 Data File : PL047379.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2019 15:47
 Operator : AJ\SJ
 Sample : K2241-09
 Misc : MDL 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-WATER-03-QT2-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 01:44:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 2019
 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...	3.358	3.977	161.1E6	50289249	22.140	21.964
28)	SA Decachlor...	8.038	9.036	196.8E6	57490703	23.402	24.797
Target Compounds							
2)	A alpha-BHC	3.788	4.367	19667287	2501789	1.686	0.779 #
3)	MA gamma-BHC...	4.065	4.650	9783705	2540437	0.911	0.849m
4)	MA Heptachlor	4.351	5.159	10310685	3567785	0.935	1.160
5)	MB Aldrin	4.592	5.462	8769637	2848780	0.850	0.994
6)	B beta-BHC	4.318	4.827	5138309	2423777	1.141	1.828m#
7)	B delta-BHC	4.513	5.040	7709331	1111628	0.762	0.479m#
8)	B Heptachlor...	5.029	5.848	9263907	2846090	0.950	1.079
9)	A Endosulfan I	5.361	6.206	8717207	2816483	0.927	1.079
10)	B gamma-Chl...	5.252	6.082	9632403	3131476	0.938	1.103m
11)	B alpha-Chl...	5.309	6.156	9838076	3100394	0.970	1.093
12)	B 4,4'-DDE	5.476	6.314	7878004	2462855	0.856	0.992
13)	MA Dieldrin	5.601	6.463	9086555	2717519	0.905	1.003
14)	MA Endrin	5.855	6.681	8498721	2465690	0.902	1.032
15)	B Endosulfa...	6.130	6.891	8450457	2818352	0.943	1.168
16)	A 4,4'-DDD	5.987	6.804	6613774	1906543	0.875	0.948
17)	MA 4,4'-DDT	6.223	7.103	5353820	1915736	0.707	0.914 #
18)	B Endrin al...	6.297	7.015	7316630	2379526	0.976	1.120
19)	B Endosulfa...	6.508	7.238	8453365	2725145	1.029	1.155
20)	A Methoxychlor	6.766	7.561	4149597	1332857	0.976m	1.046m
21)	B Endrin ke...	6.992	7.708	8338063	2496635	0.902	1.005
22)	Mirex	7.168	8.160	9026014	3034098	1.239	1.517

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041519\
Data File : PL047379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2019 15:47
Operator : AJ\SJ
Sample : K2241-09
Misc : MDL 1 PPB
ALS Vial : 12 Sample Multiplier: 1

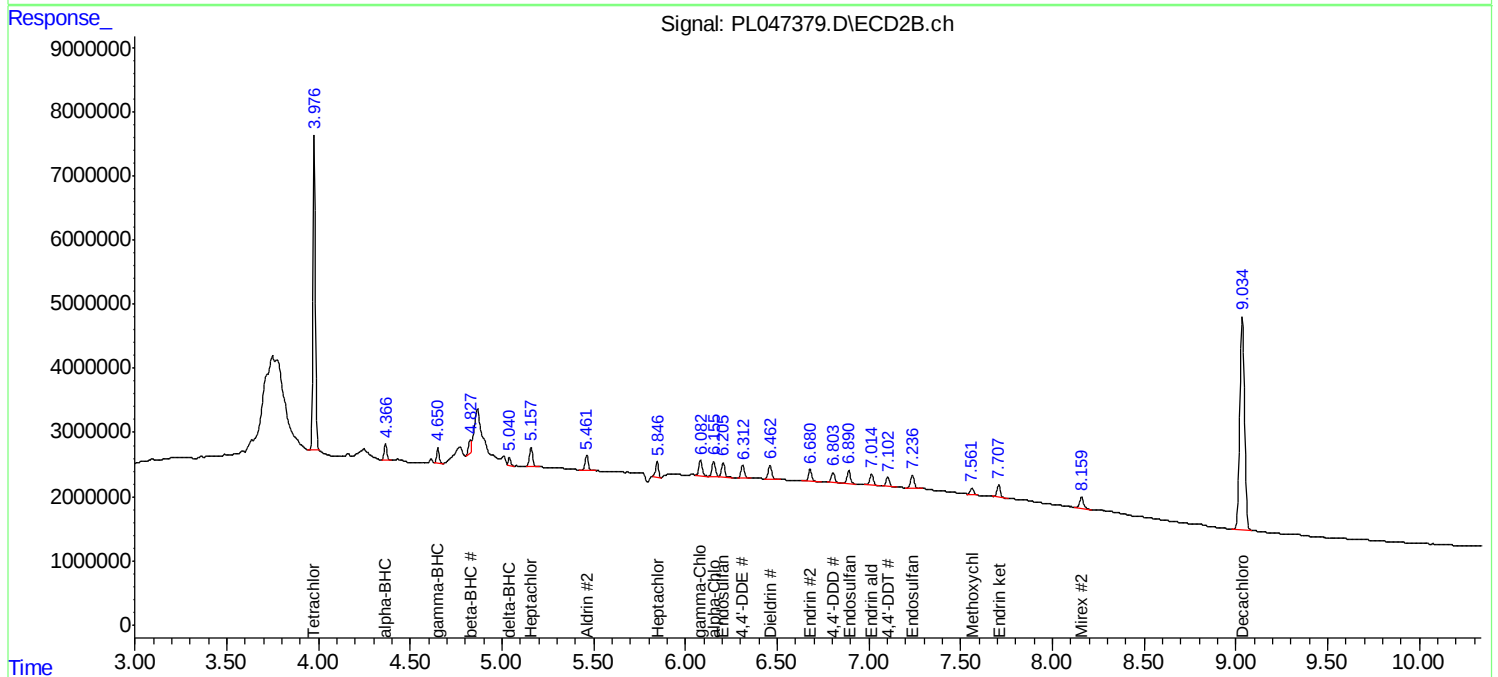
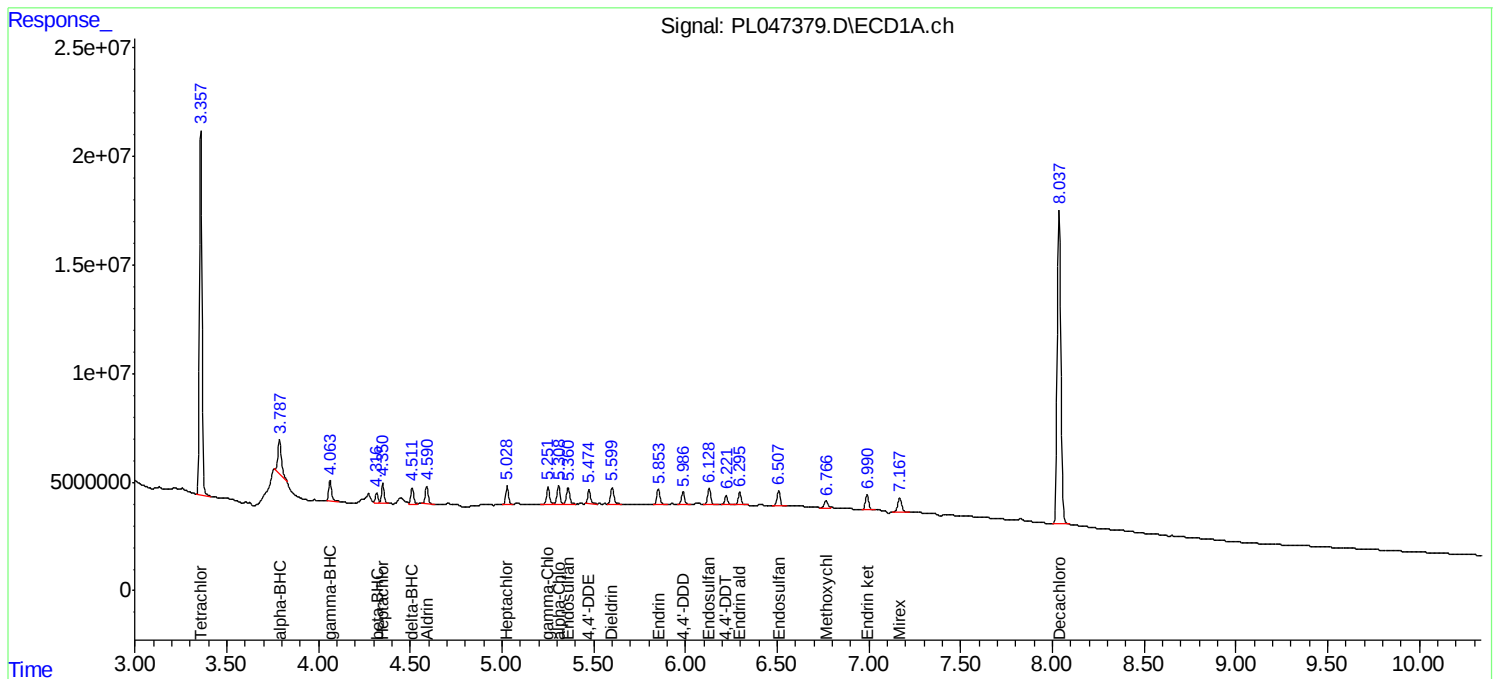
Instrument :
ECD_L
ClientSampled :
MDL-MDL-WATER-03-QT2-2019

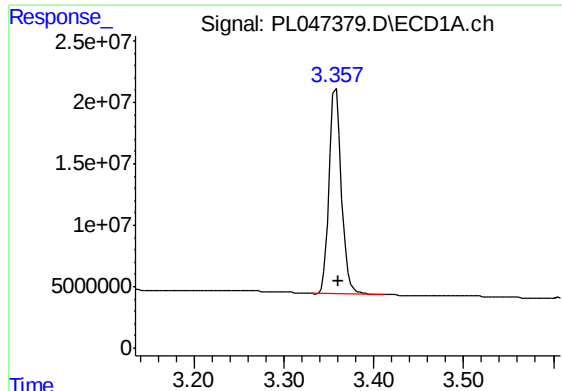
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 01:44:40 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
Response 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





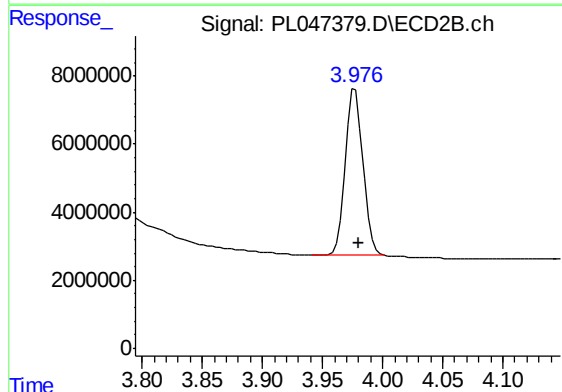
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 161064000
Conc: 22.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

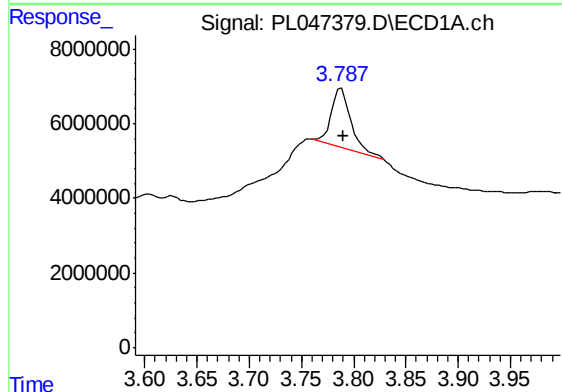
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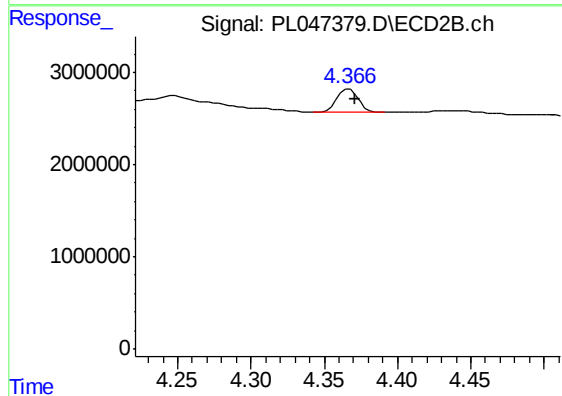
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.003 min
Response: 50289249
Conc: 21.96 ng/ml



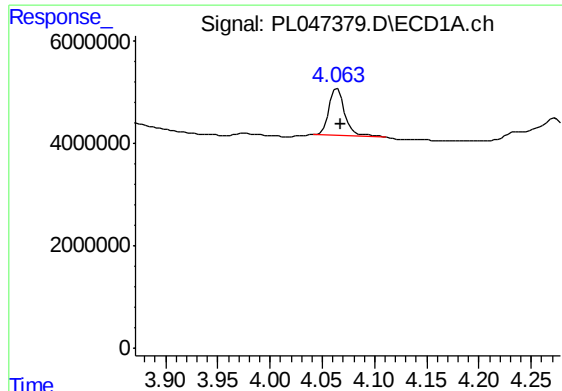
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.003 min
Response: 19667287
Conc: 1.69 ng/ml



#2 alpha-BHC

R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 2501789
Conc: 0.78 ng/ml



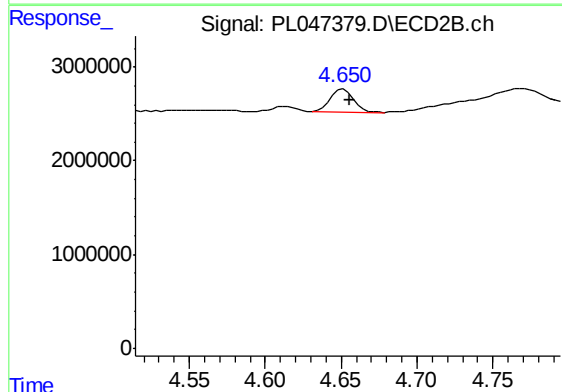
#3 gamma-BHC (Lindane)

R.T.: 4.065 min
Delta R.T.: -0.004 min
Response: 9783705
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

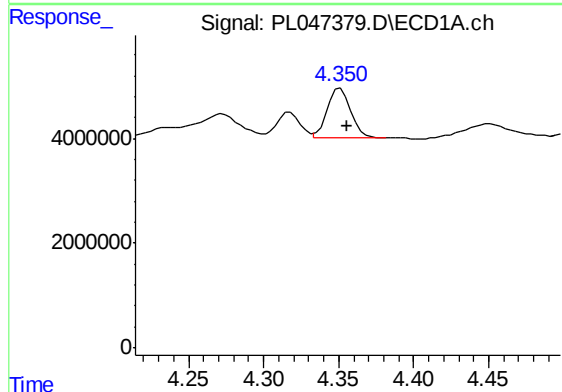
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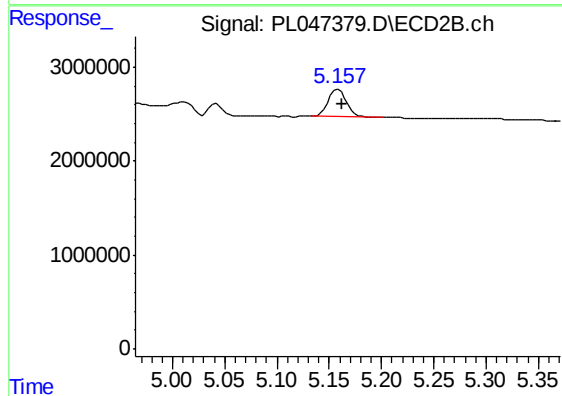
#3 gamma-BHC (Lindane)

R.T.: 4.650 min
Delta R.T.: -0.005 min
Response: 2540437
Conc: 0.85 ng/ml m



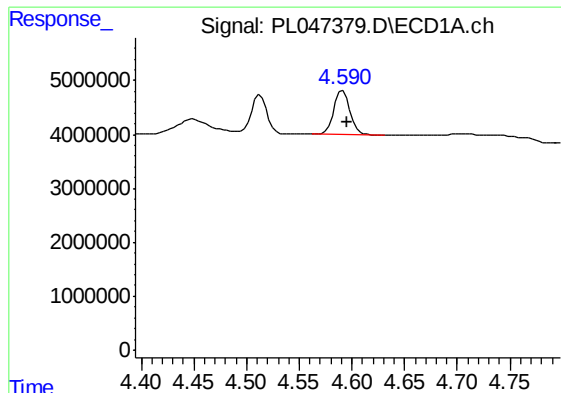
#4 Heptachlor

R.T.: 4.351 min
Delta R.T.: -0.004 min
Response: 10310685
Conc: 0.94 ng/ml



#4 Heptachlor

R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 3567785
Conc: 1.16 ng/ml



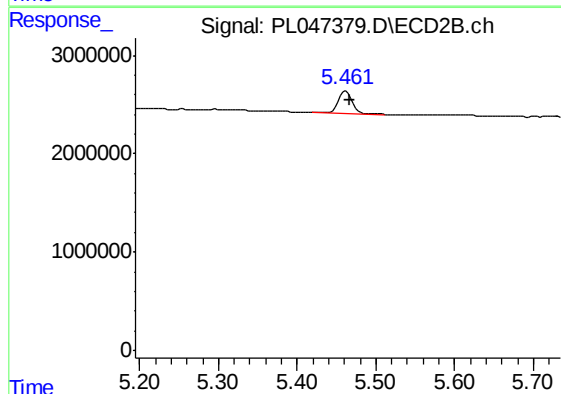
#5 Aldrin

R.T.: 4.592 min
Delta R.T.: -0.004 min
Response: 8769637
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

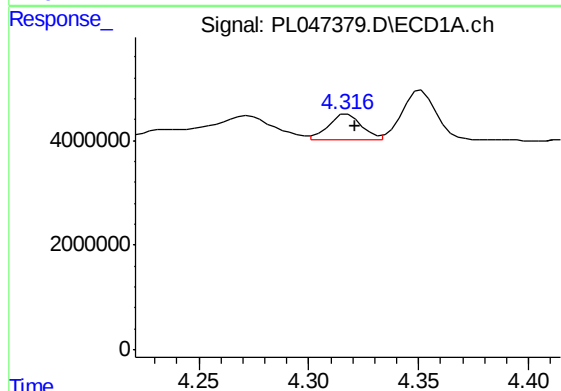
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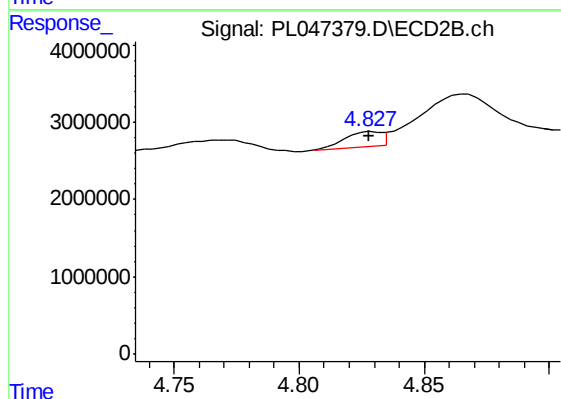
#5 Aldrin

R.T.: 5.462 min
Delta R.T.: -0.004 min
Response: 2848780
Conc: 0.99 ng/ml



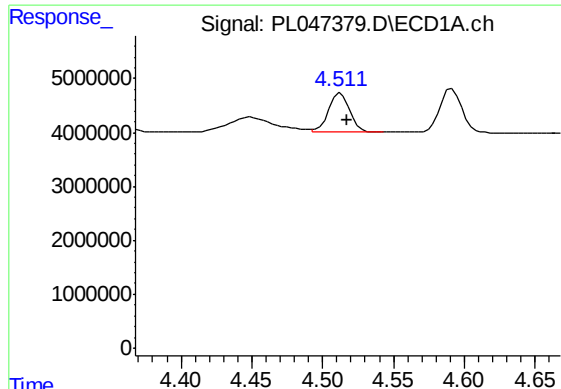
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 5138309
Conc: 1.14 ng/ml



#6 beta-BHC

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 2423777
Conc: 1.83 ng/ml m



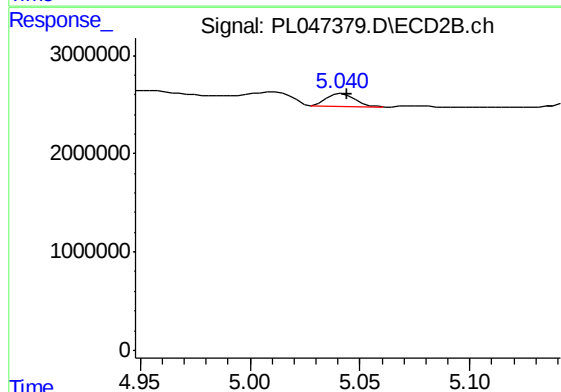
#7 delta-BHC

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 7709331
Conc: 0.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

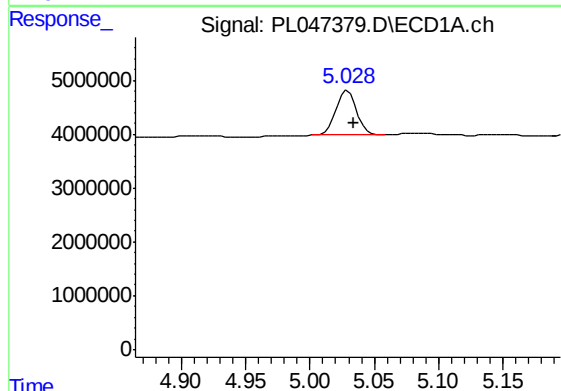
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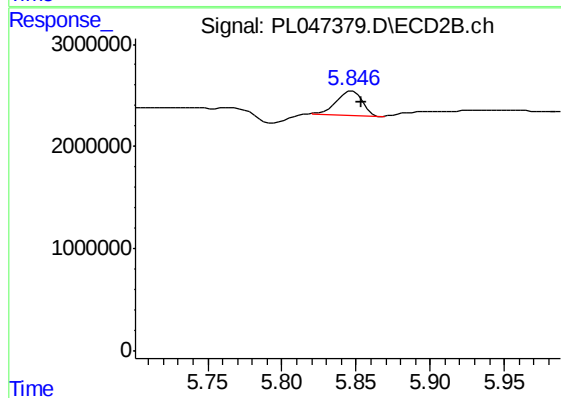
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 1111628
Conc: 0.48 ng/ml m



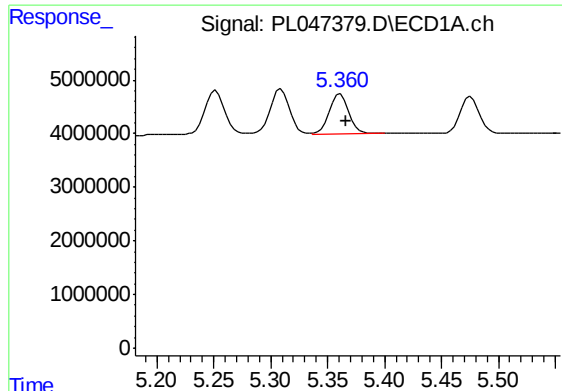
#8 Heptachlor epoxide

R.T.: 5.029 min
Delta R.T.: -0.004 min
Response: 9263907
Conc: 0.95 ng/ml



#8 Heptachlor epoxide

R.T.: 5.848 min
Delta R.T.: -0.006 min
Response: 2846090
Conc: 1.08 ng/ml



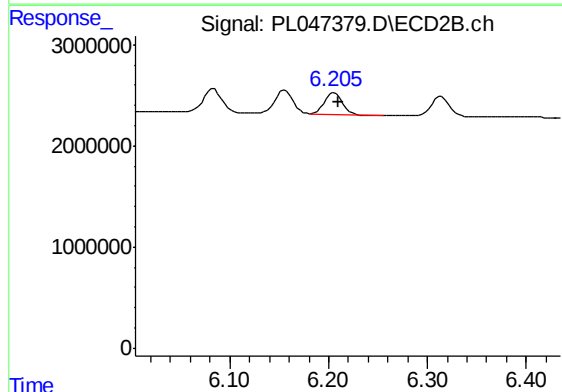
#9 Endosulfan I

R.T.: 5.361 min
Delta R.T.: -0.005 min
Response: 8717207
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

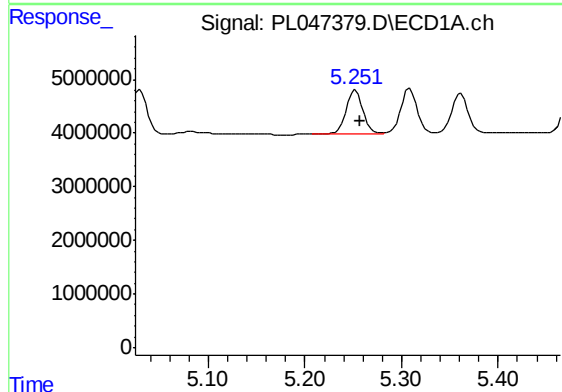
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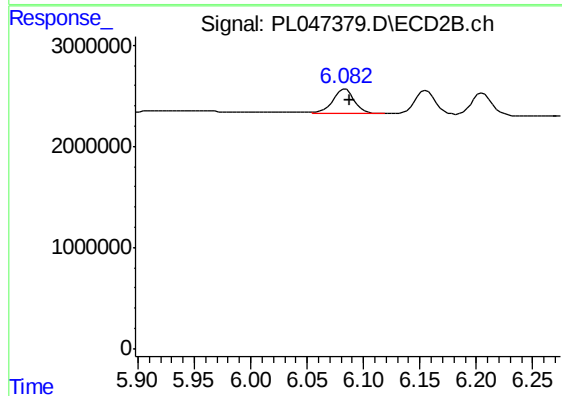
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.004 min
Response: 2816483
Conc: 1.08 ng/ml



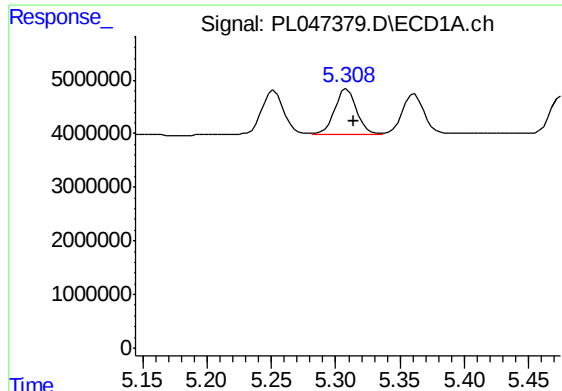
#10 gamma-Chlordane

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 9632403
Conc: 0.94 ng/ml



#10 gamma-Chlordane

R.T.: 6.082 min
Delta R.T.: -0.005 min
Response: 3131476
Conc: 1.10 ng/ml m



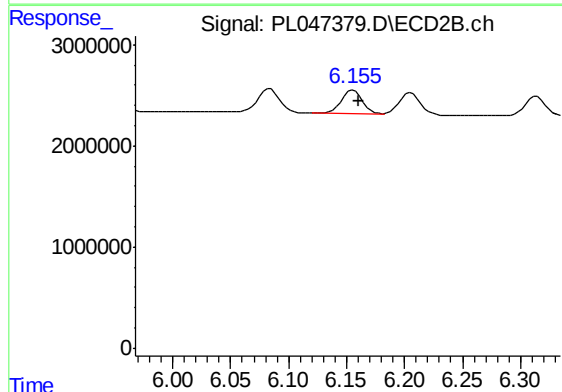
#11 alpha-Chlordane

R.T.: 5.309 min
Delta R.T.: -0.005 min
Response: 9838076
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

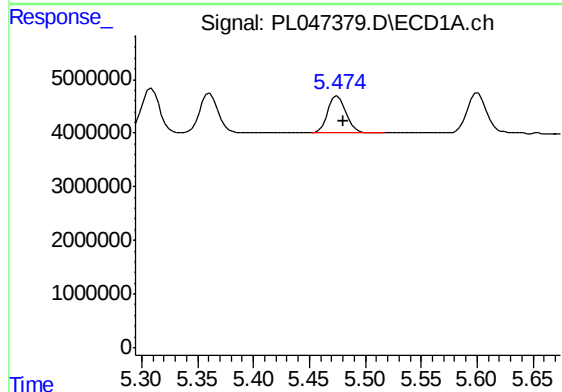
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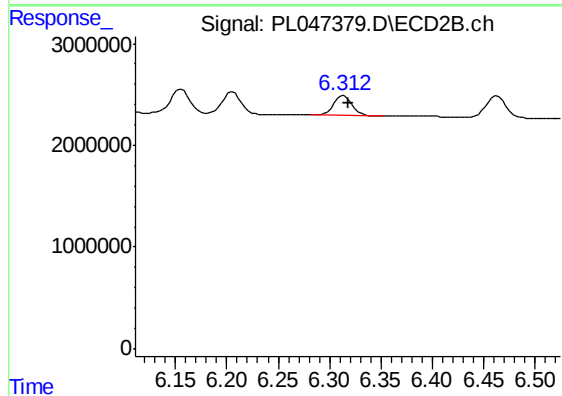
#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.004 min
Response: 3100394
Conc: 1.09 ng/ml



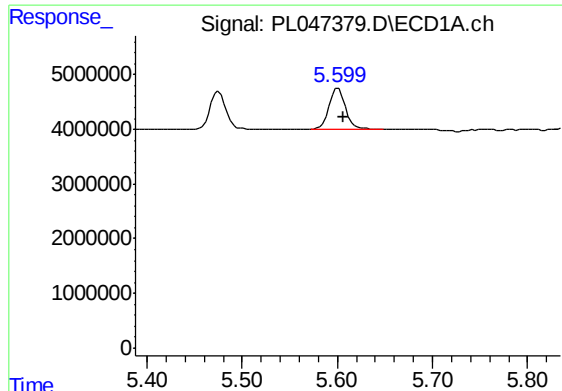
#12 4,4'-DDE

R.T.: 5.476 min
Delta R.T.: -0.005 min
Response: 7878004
Conc: 0.86 ng/ml



#12 4,4'-DDE

R.T.: 6.314 min
Delta R.T.: -0.004 min
Response: 2462855
Conc: 0.99 ng/ml



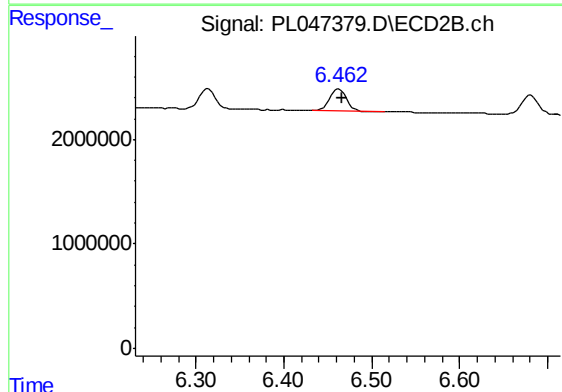
#13 Dieldrin

R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 9086555
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

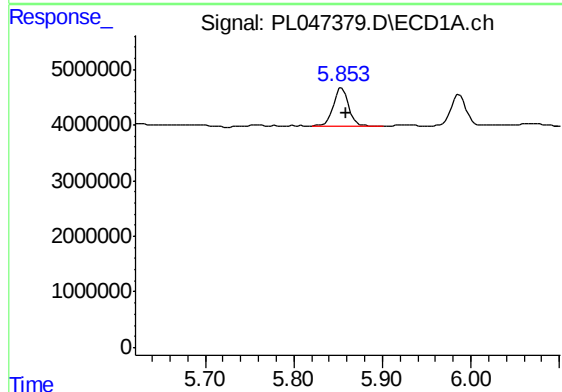
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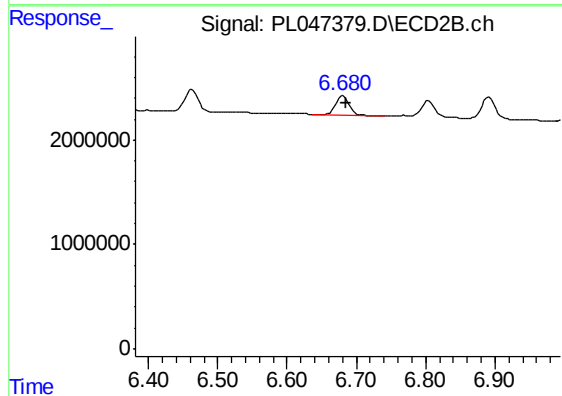
#13 Dieldrin

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 2717519
Conc: 1.00 ng/ml



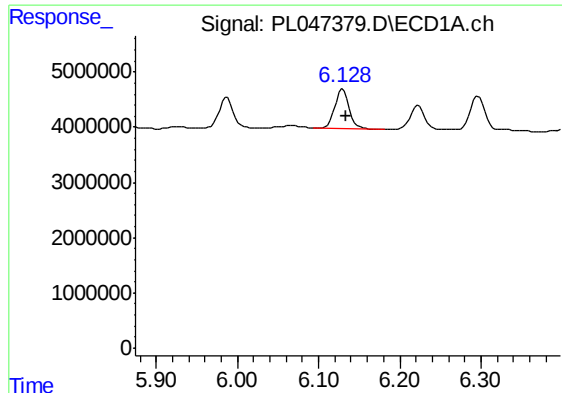
#14 Endrin

R.T.: 5.855 min
Delta R.T.: -0.005 min
Response: 8498721
Conc: 0.90 ng/ml



#14 Endrin

R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 2465690
Conc: 1.03 ng/ml



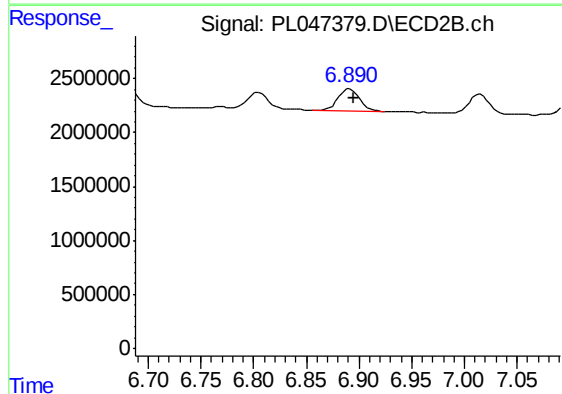
#15 Endosulfan II

R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 8450457
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

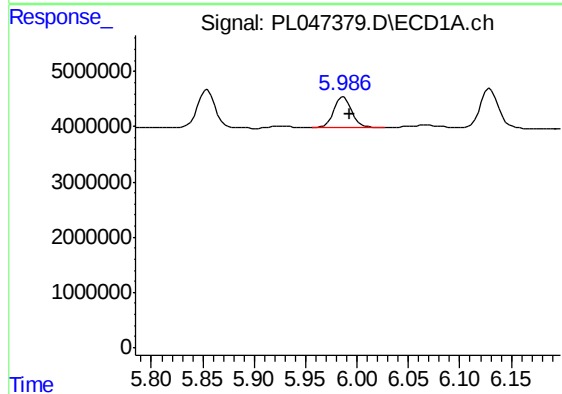
Manual Integrations
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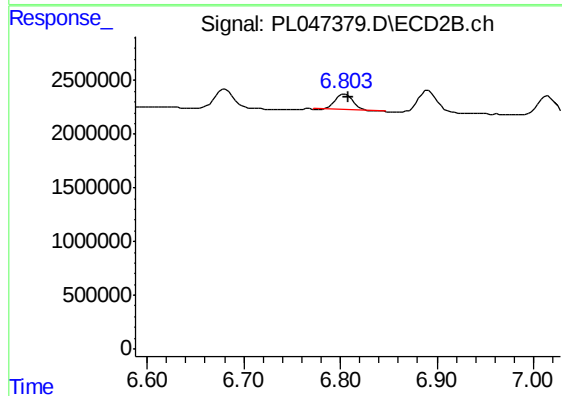
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.003 min
Response: 2818352
Conc: 1.17 ng/ml



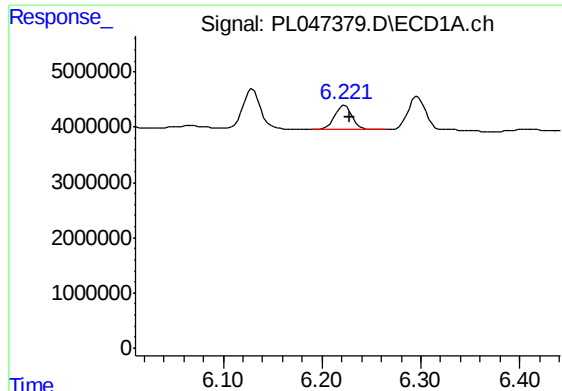
#16 4,4'-DDD

R.T.: 5.987 min
Delta R.T.: -0.005 min
Response: 6613774
Conc: 0.87 ng/ml



#16 4,4'-DDD

R.T.: 6.804 min
Delta R.T.: -0.004 min
Response: 1906543
Conc: 0.95 ng/ml



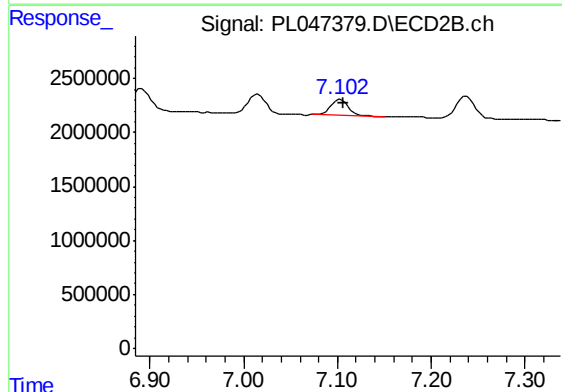
#17 4,4'-DDT

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 5353820
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

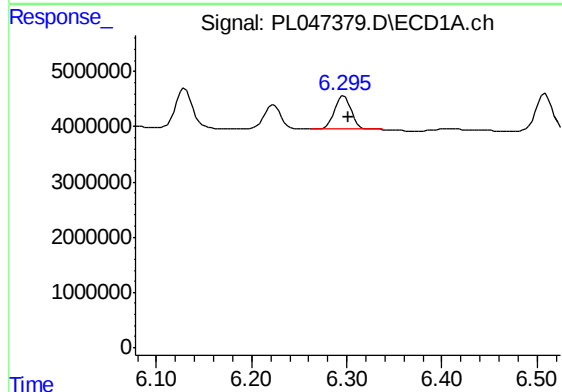
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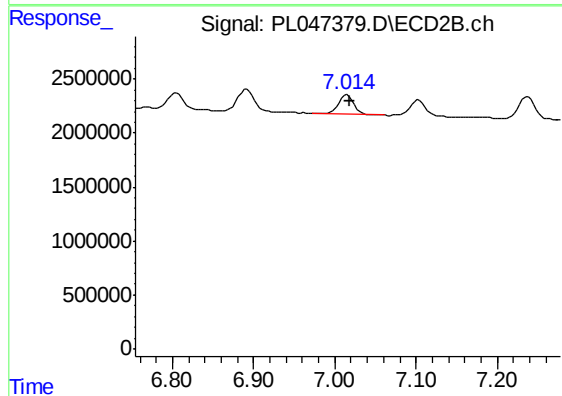
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: -0.004 min
Response: 1915736
Conc: 0.91 ng/ml



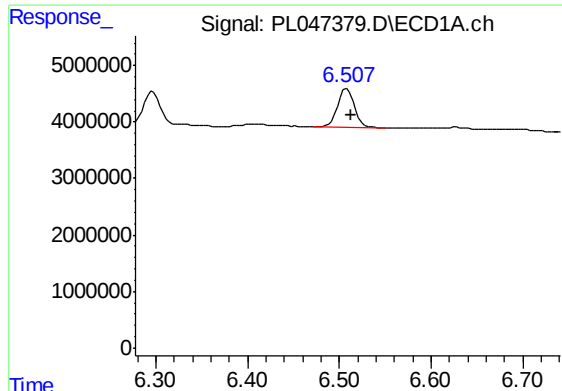
#18 Endrin aldehyde

R.T.: 6.297 min
Delta R.T.: -0.005 min
Response: 7316630
Conc: 0.98 ng/ml



#18 Endrin aldehyde

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 2379526
Conc: 1.12 ng/ml



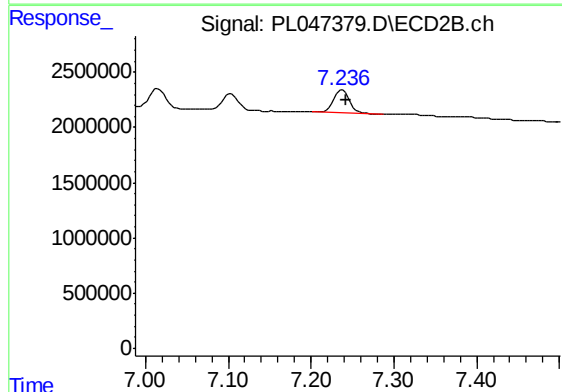
#19 Endosulfan Sulfate

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 8453365
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

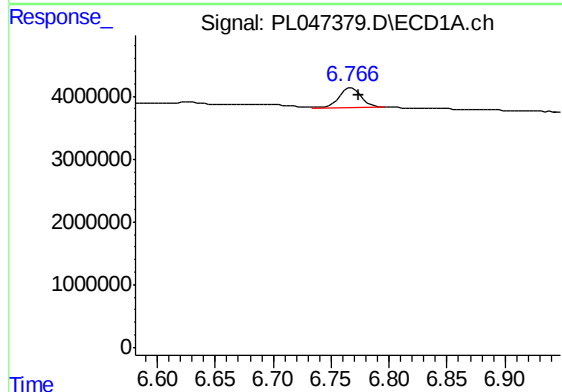
Manual Integrations
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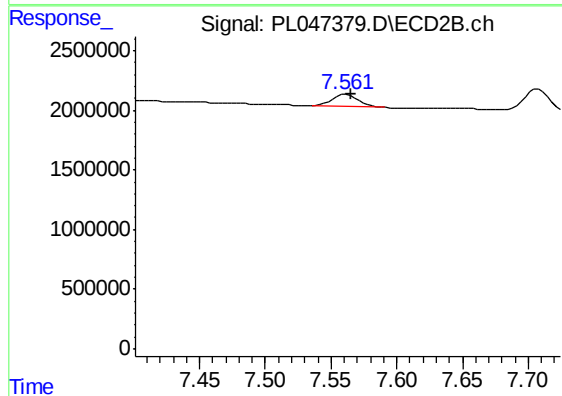
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 2725145
Conc: 1.16 ng/ml



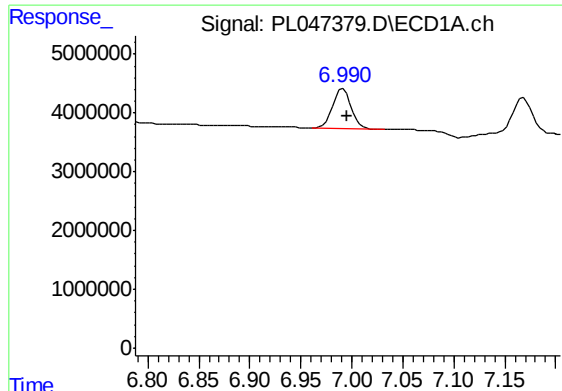
#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: -0.007 min
Response: 4149597
Conc: 0.98 ng/ml m



#20 Methoxychlor

R.T.: 7.561 min
Delta R.T.: -0.005 min
Response: 1332857
Conc: 1.05 ng/ml m



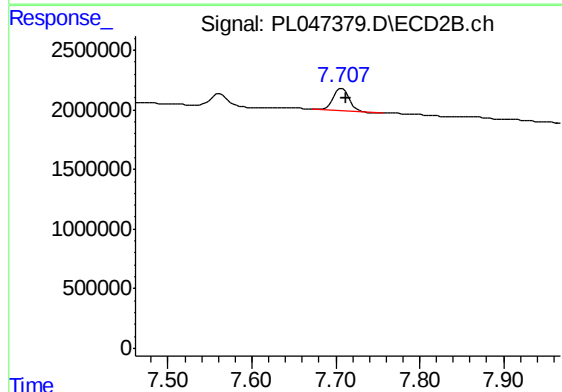
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.005 min
Response: 8338063
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

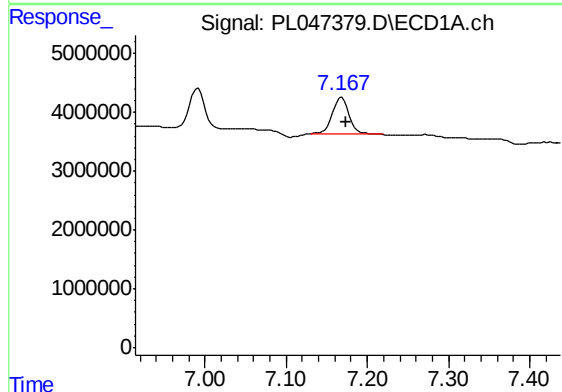
Manual Integrations
APPROVED

Sohil
4/16/2019 11:51:46 AM



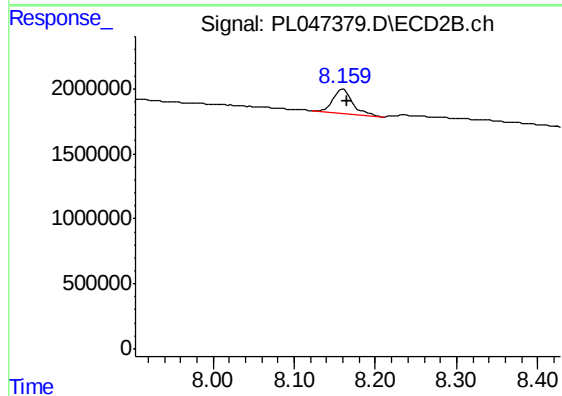
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: -0.004 min
Response: 2496635
Conc: 1.00 ng/ml



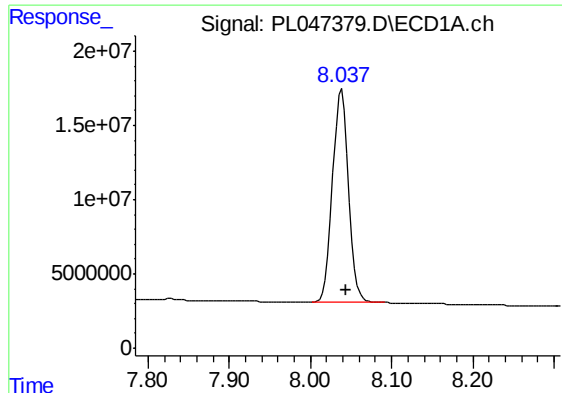
#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 9026014
Conc: 1.24 ng/ml



#22 Mirex

R.T.: 8.160 min
Delta R.T.: -0.005 min
Response: 3034098
Conc: 1.52 ng/ml



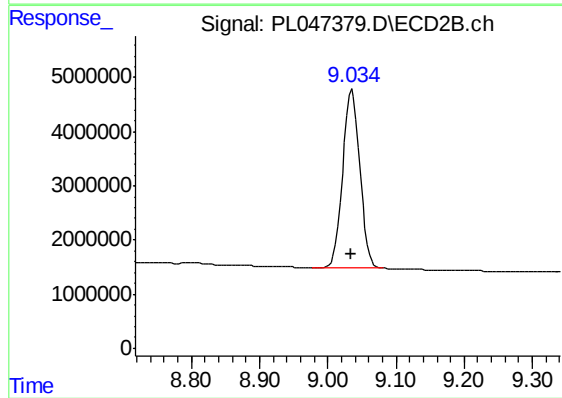
#28 Decachlorobiphenyl

R.T.: 8.038 min
Delta R.T.: -0.006 min
Response: 196837365
Conc: 23.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.036 min
Delta R.T.: 0.000 min
Response: 57490703
Conc: 24.80 ng/ml