

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072219\
 Data File : PL050678.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2019 12:33
 Operator : SM\AJ
 Sample : K3591-09
 Misc : MDL 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:17:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 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...	3.320	3.931	233.6E6	65031504	23.247	22.792
28)	SA Decachlor...	7.982	8.963	262.3E6	68908453	25.903	24.367
Target Compounds							
2)	A alpha-BHC	3.747	4.318	16759856	3638480	1.000	0.882
3)	MA gamma-BHC...	4.023	4.601	14237547	3324014	0.926	0.858
4)	MA Heptachlor	4.307	5.103	16437000	4536468	1.002	1.094
5)	MB Aldrin	4.545	5.406	16454267	3757664	1.062	0.997
6)	B beta-BHC	4.277	4.781	7132640	4633447	1.088	2.680m#
7)	B delta-BHC	4.470	4.989	13903250	4827496	0.847	1.248m#
8)	B Heptachlo...	4.981	5.794	14670362	7245836	0.993	1.894m#
9)	A Endosulfan I	5.309	6.147	15518273	3602093	1.067m	1.047
10)	B gamma-Chl...	5.202	6.026	18298882	3120066	1.159m	0.844 #
11)	B alpha-Chl...	5.258	6.098	15379935	3665850	1.008m	1.000
12)	B 4,4'-DDE	5.426	6.258	15353866	3545817	1.025	0.984
13)	MA Dieldrin	5.550	6.404	16789136	3603237	1.083	1.018
14)	MA Endrin	5.801	6.621	14317716	2467998	0.973m	0.796
15)	B Endosulfa...	6.078	6.832	17018588	5269291	1.216	1.657m#
16)	A 4,4'-DDD	5.937	6.747	11703711	2428300	0.977	0.912m
17)	MA 4,4'-DDT	6.171	7.045	11267676	1952969	0.910	0.723m
18)	B Endrin al...	6.245	6.956	12316850	2758689	1.068	1.015m
19)	B Endosulfa...	6.456	7.180	14858990	3278055	1.166	1.135
20)	A Methoxychlor	6.714	7.506	5664111	1700995	0.908m	1.159m#
21)	B Endrin ke...	6.937	7.647	13905574	3033426	1.017	1.049m
22)	Mirex	7.111	8.096	10452565	2553143	1.066	1.112m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072219\
Data File : PL050678.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2019 12:33
Operator : SM\AJ
Sample : K3591-09
Misc : MDL 1 PPB
ALS Vial : 12 Sample Multiplier: 1

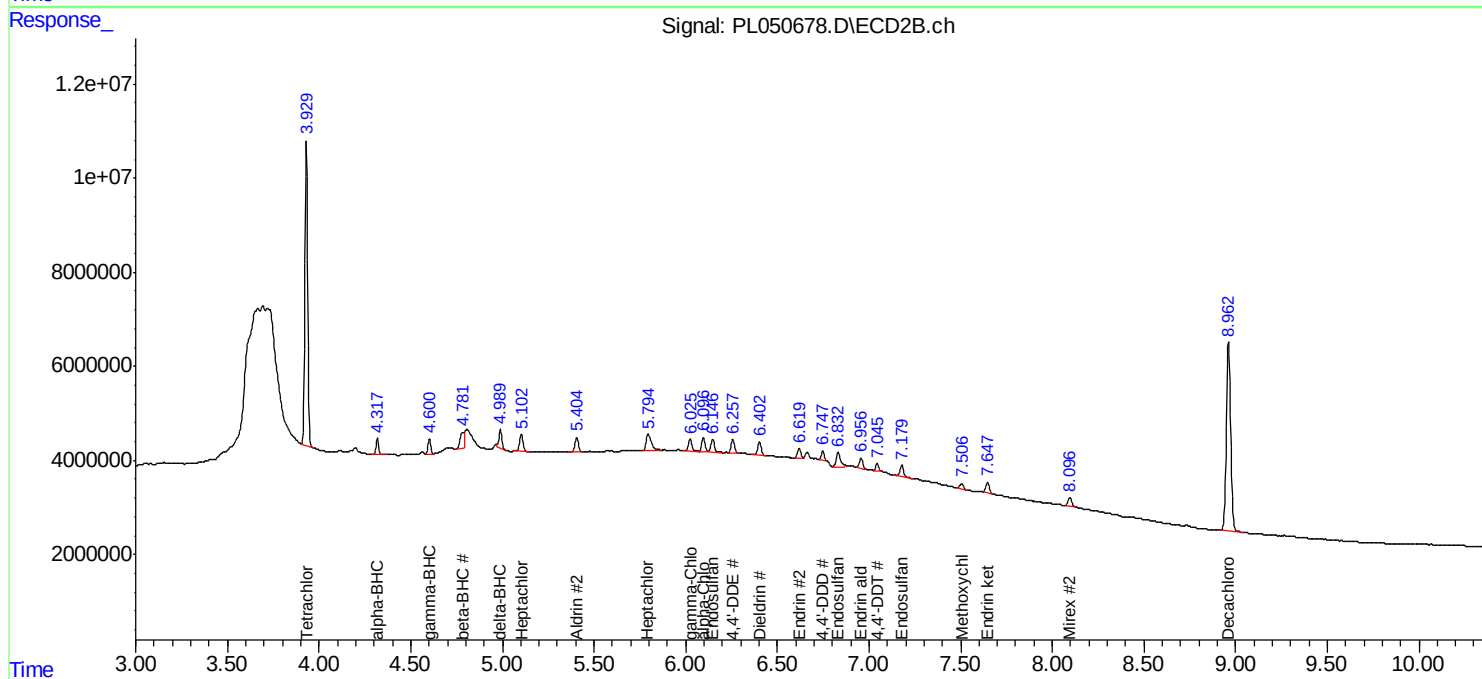
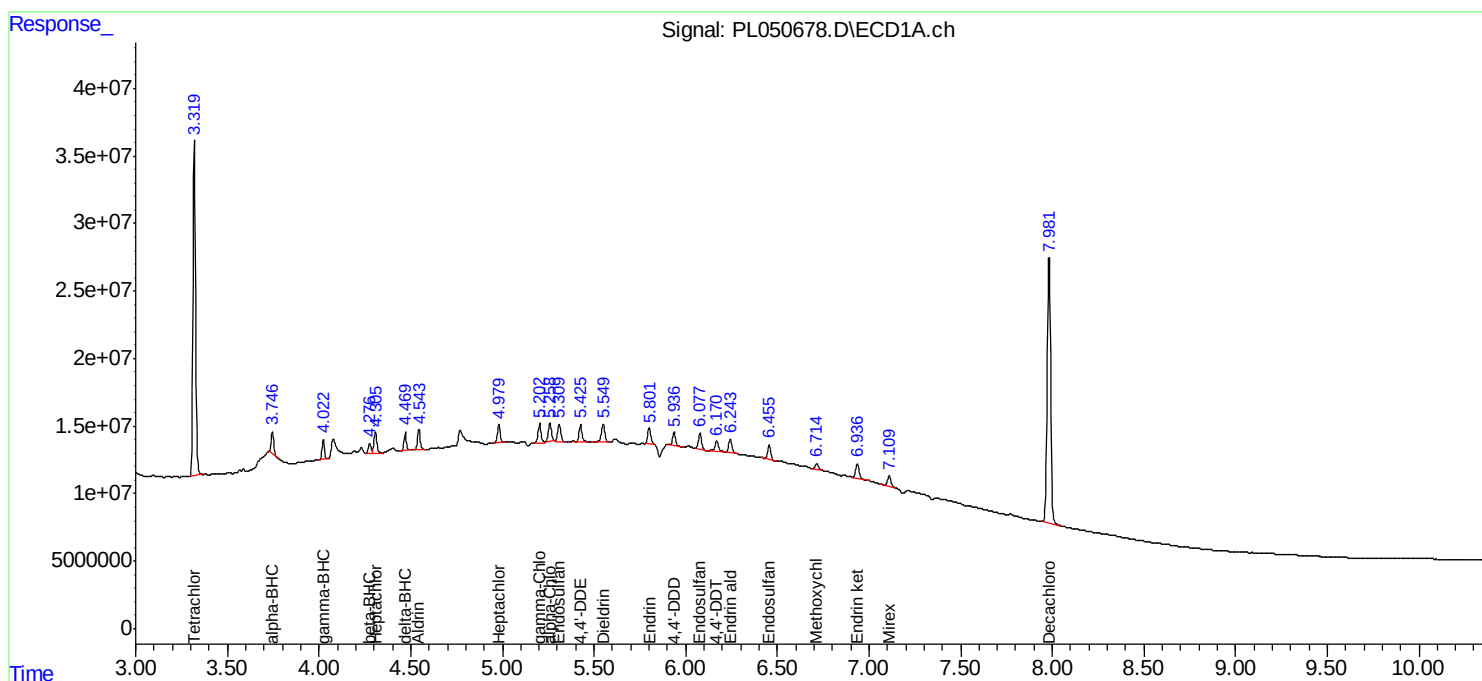
Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

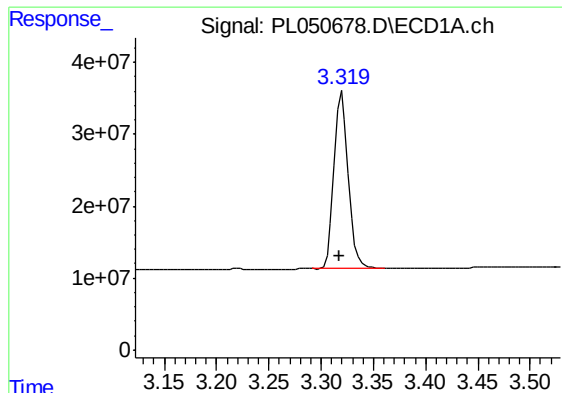
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:17:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 01:19:13 2019
Response 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





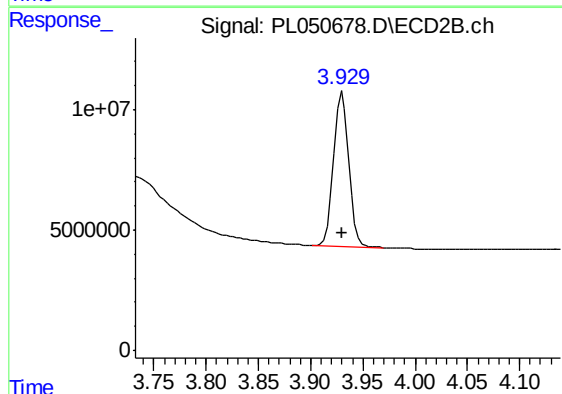
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: 0.002 min
Response: 233587043
Conc: 23.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

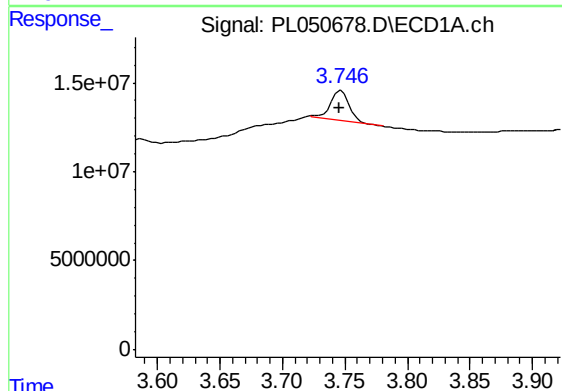
Manual Integrations
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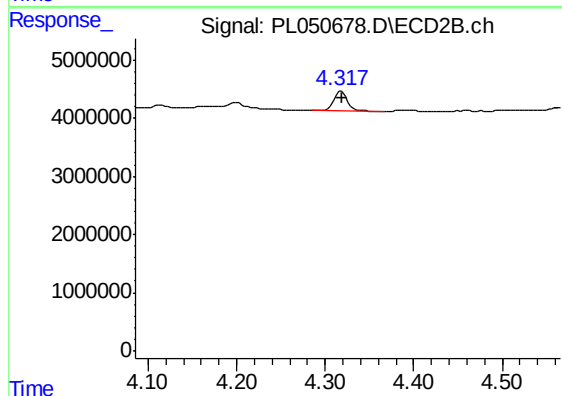
#1 Tetrachloro-m-xylene

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 65031504
Conc: 22.79 ng/ml



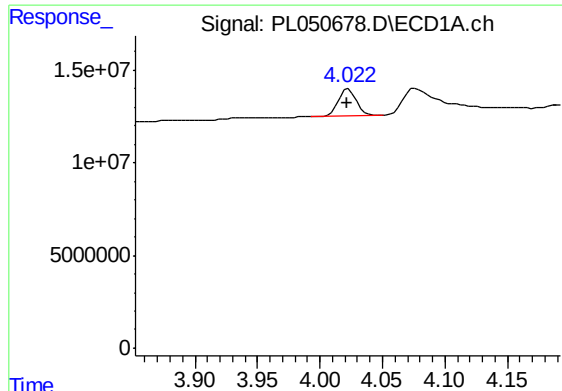
#2 alpha-BHC

R.T.: 3.747 min
Delta R.T.: 0.001 min
Response: 16759856
Conc: 1.00 ng/ml



#2 alpha-BHC

R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 3638480
Conc: 0.88 ng/ml



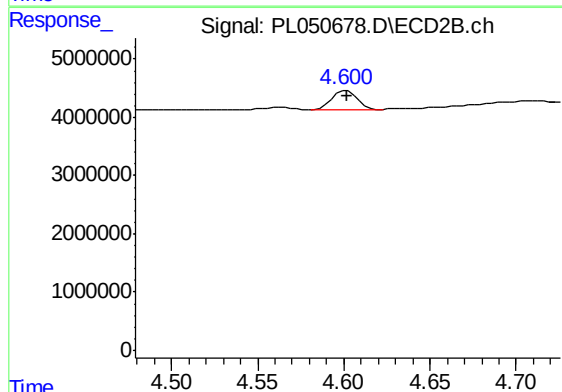
#3 gamma-BHC (Lindane)

R.T.: 4.023 min
Delta R.T.: 0.002 min
Response: 14237547
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

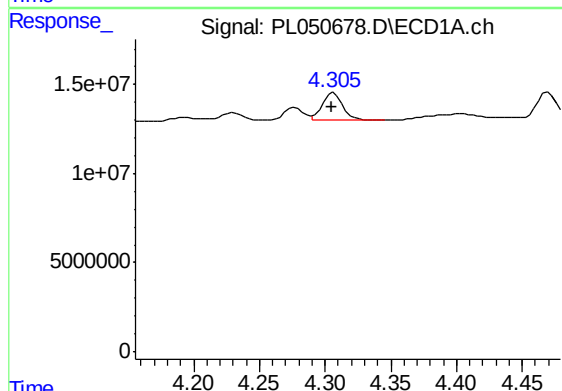
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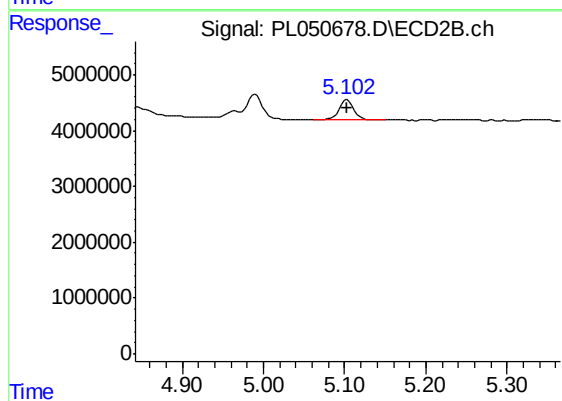
#3 gamma-BHC (Lindane)

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 3324014
Conc: 0.86 ng/ml



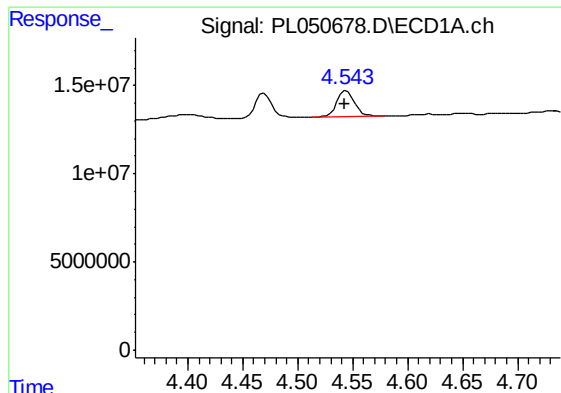
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.002 min
Response: 16437000
Conc: 1.00 ng/ml



#4 Heptachlor

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 4536468
Conc: 1.09 ng/ml



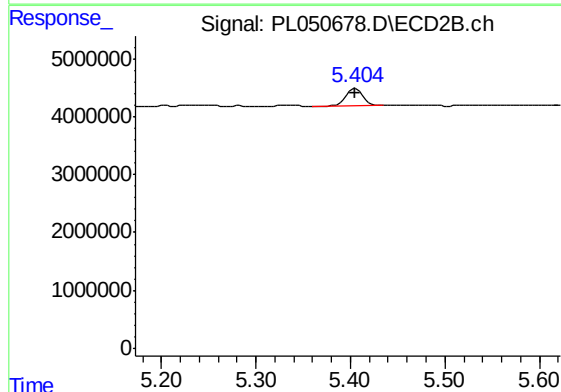
#5 Aldrin

R.T.: 4.545 min
Delta R.T.: 0.001 min
Response: 16454267
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

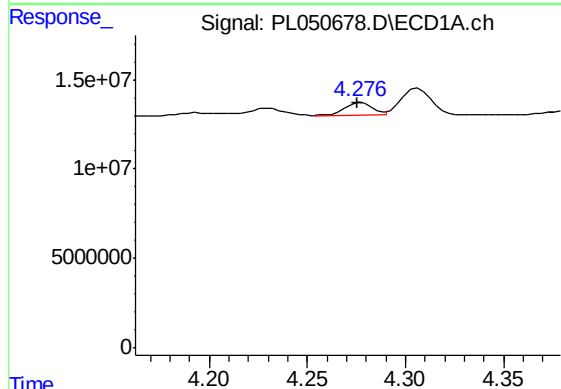
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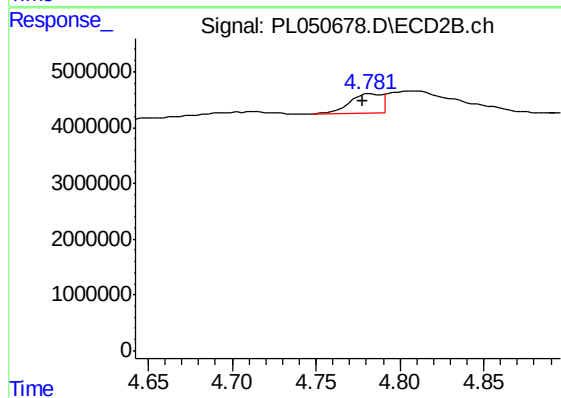
#5 Aldrin

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 3757664
Conc: 1.00 ng/ml



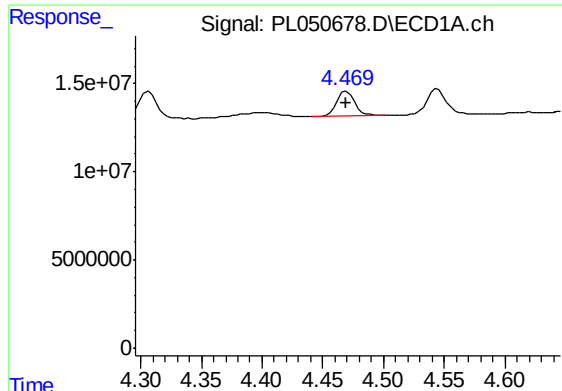
#6 beta-BHC

R.T.: 4.277 min
Delta R.T.: 0.001 min
Response: 7132640
Conc: 1.09 ng/ml



#6 beta-BHC

R.T.: 4.781 min
Delta R.T.: 0.003 min
Response: 4633447
Conc: 2.68 ng/ml m



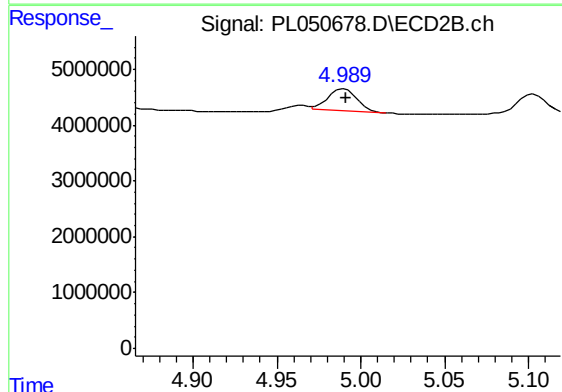
#7 delta-BHC

R.T.: 4.470 min
Delta R.T.: 0.001 min
Response: 13903250
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

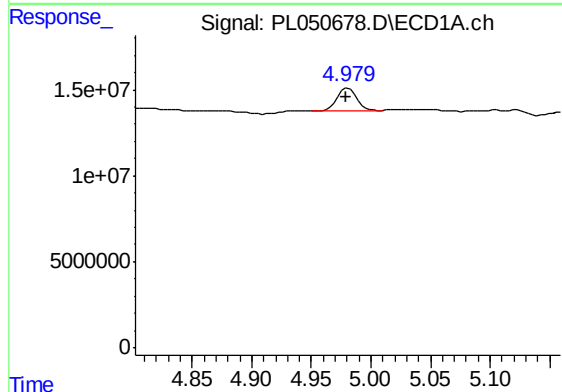
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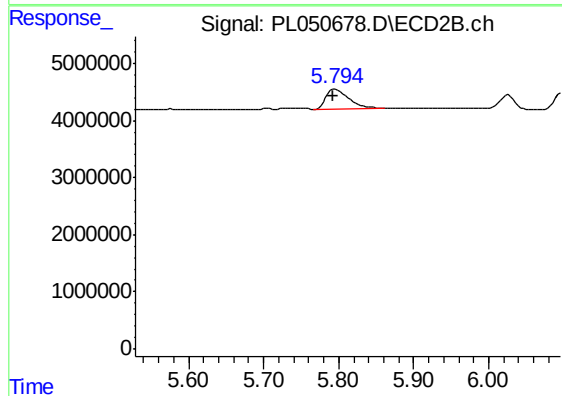
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 4827496
Conc: 1.25 ng/ml m



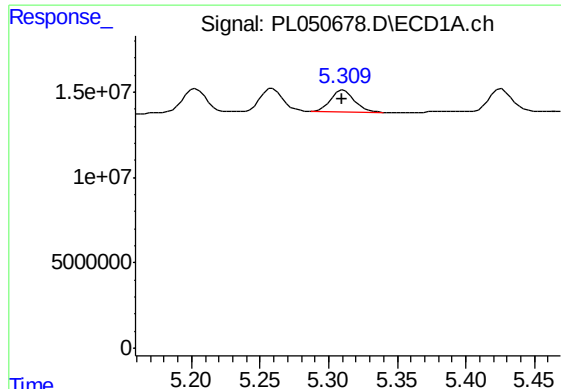
#8 Heptachlor epoxide

R.T.: 4.981 min
Delta R.T.: 0.002 min
Response: 14670362
Conc: 0.99 ng/ml



#8 Heptachlor epoxide

R.T.: 5.794 min
Delta R.T.: 0.001 min
Response: 7245836
Conc: 1.89 ng/ml m



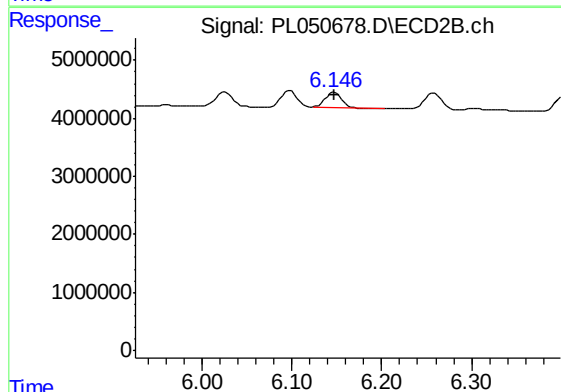
#9 Endosulfan I

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 15518273
Conc: 1.07 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

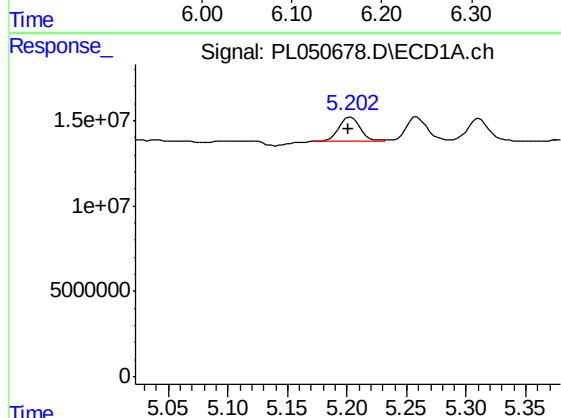
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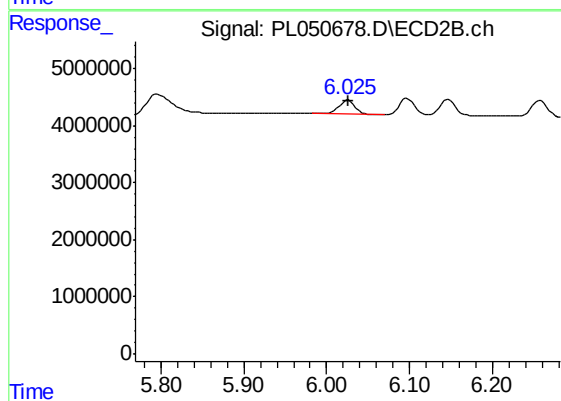
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 3602093
Conc: 1.05 ng/ml



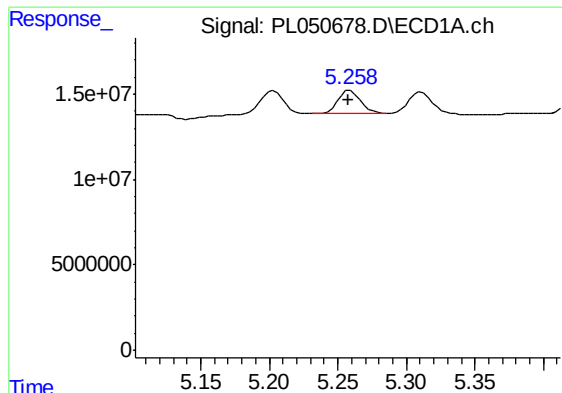
#10 gamma-Chlordane

R.T.: 5.202 min
Delta R.T.: 0.000 min
Response: 18298882
Conc: 1.16 ng/ml m



#10 gamma-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 3120066
Conc: 0.84 ng/ml



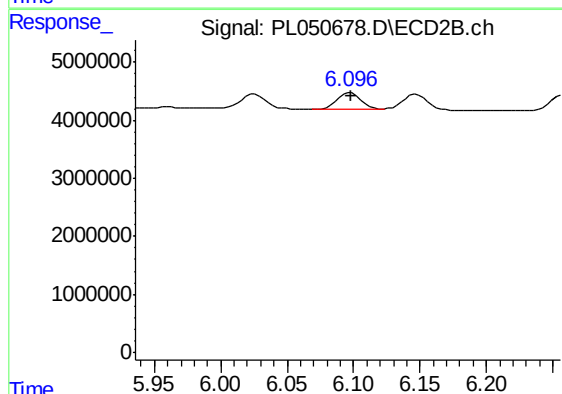
#11 alpha-Chlordane

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 15379935
Conc: 1.01 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

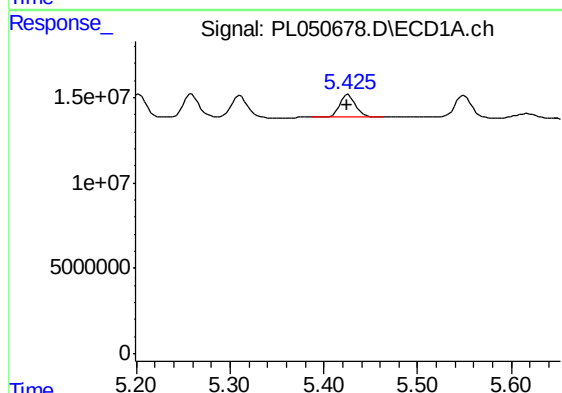
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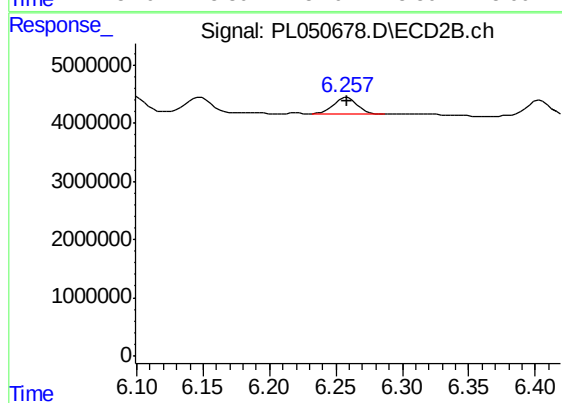
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 3665850
Conc: 1.00 ng/ml



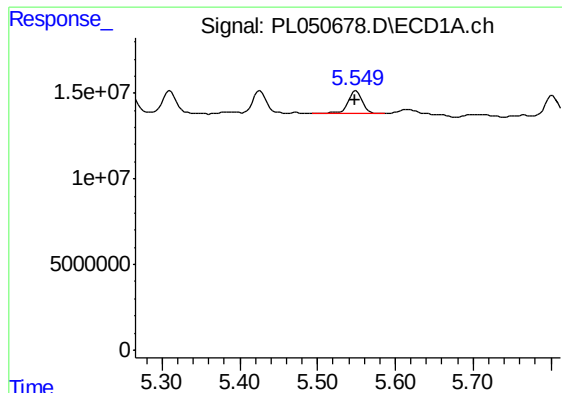
#12 4,4'-DDE

R.T.: 5.426 min
Delta R.T.: 0.002 min
Response: 15353866
Conc: 1.02 ng/ml



#12 4,4'-DDE

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 3545817
Conc: 0.98 ng/ml



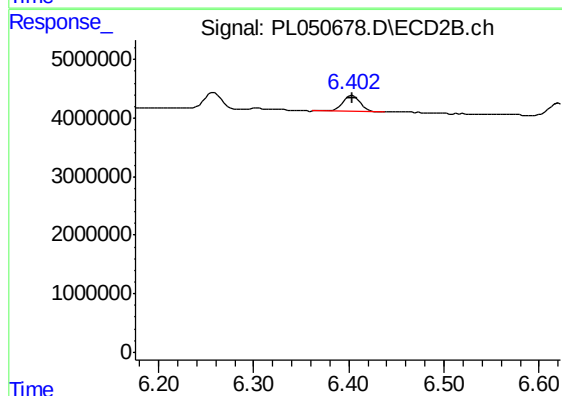
#13 Dieldrin

R.T.: 5.550 min
Delta R.T.: 0.001 min
Response: 16789136
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

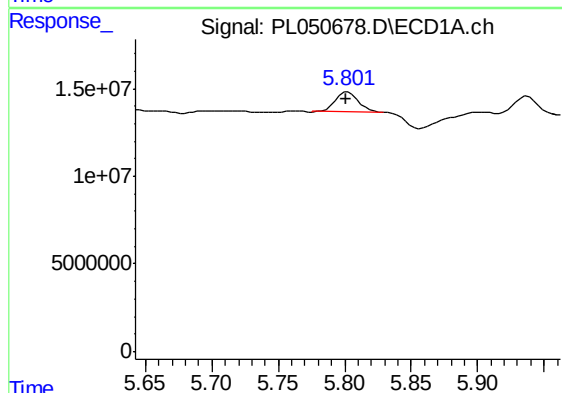
Manual Integrations
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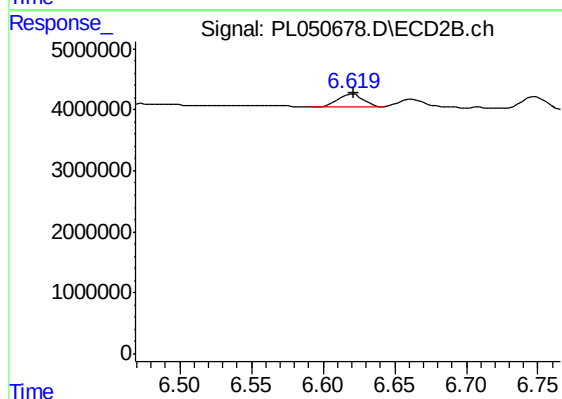
#13 Dieldrin

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 3603237
Conc: 1.02 ng/ml



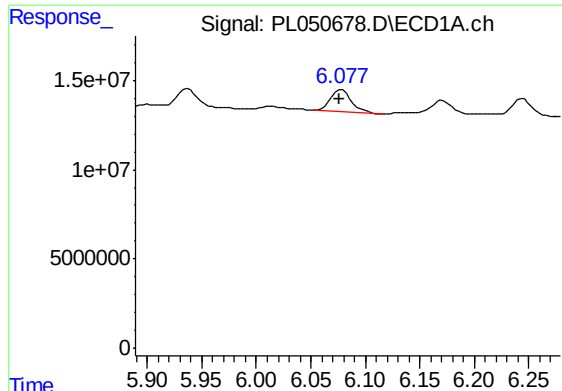
#14 Endrin

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 14317716
Conc: 0.97 ng/ml m



#14 Endrin

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 2467998
Conc: 0.80 ng/ml



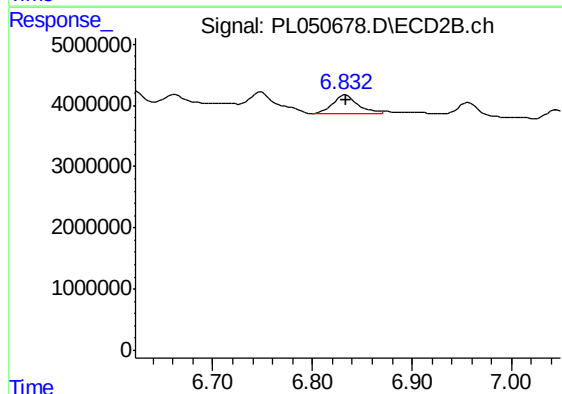
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: 0.002 min
Response: 17018588
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

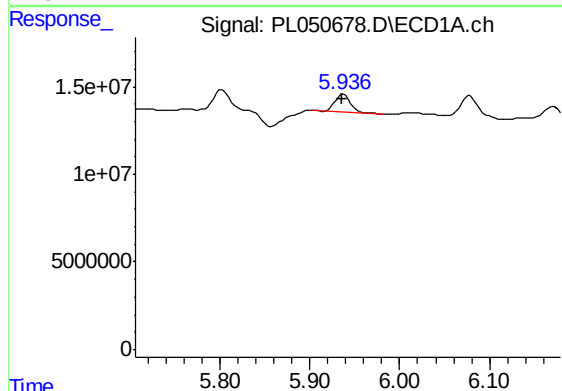
Manual Integrations
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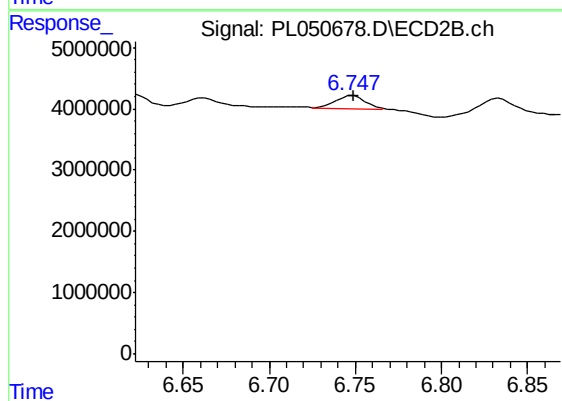
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.001 min
Response: 5269291
Conc: 1.66 ng/ml m



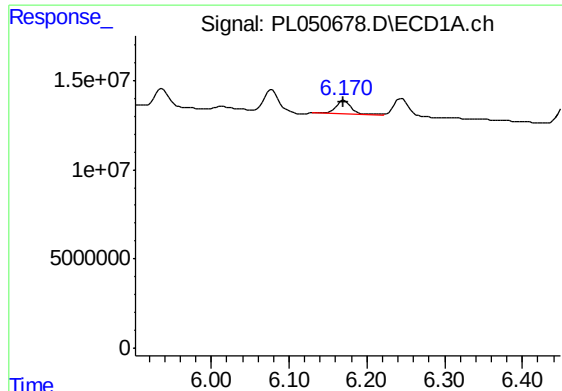
#16 4,4'-DDD

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 11703711
Conc: 0.98 ng/ml



#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.001 min
Response: 2428300
Conc: 0.91 ng/ml m



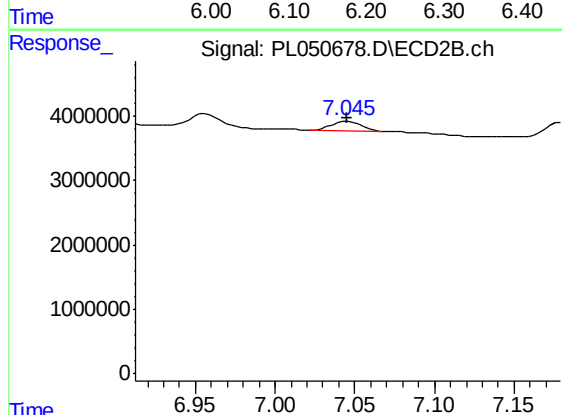
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.002 min
Response: 11267676
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

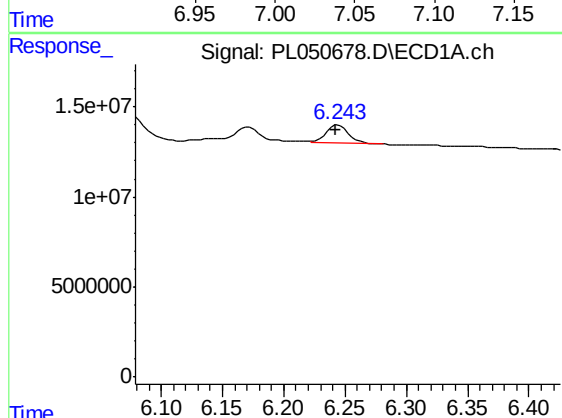
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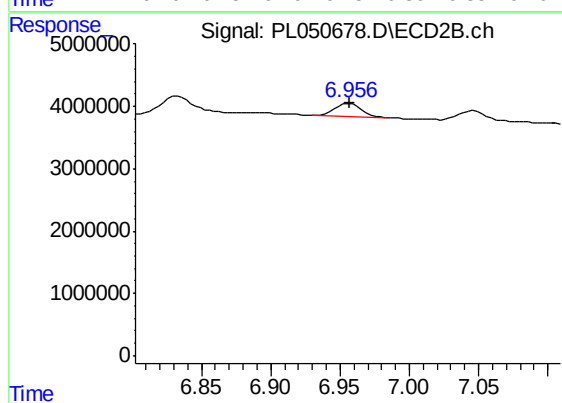
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: -0.001 min
Response: 1952969
Conc: 0.72 ng/ml m



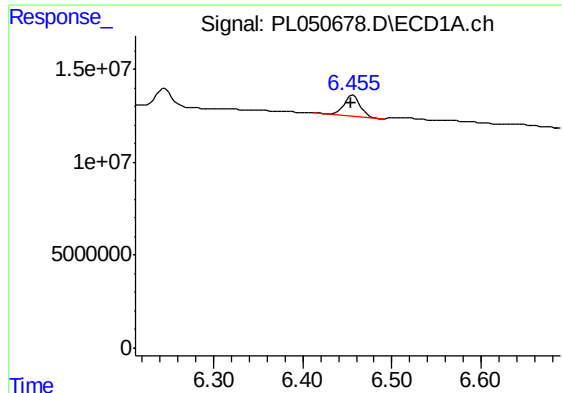
#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: 0.002 min
Response: 12316850
Conc: 1.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 2758689
Conc: 1.02 ng/ml m



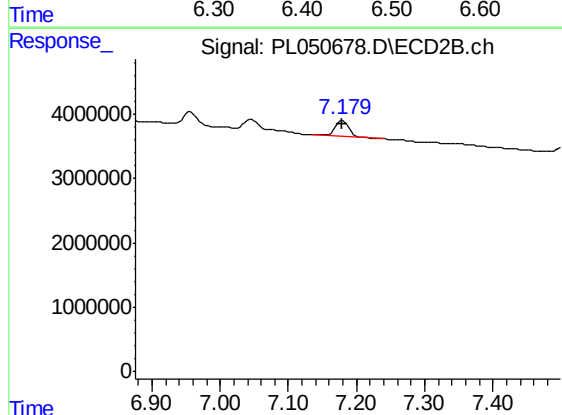
#19 Endosulfan Sulfate

R.T.: 6.456 min
Delta R.T.: 0.002 min
Response: 14858990
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

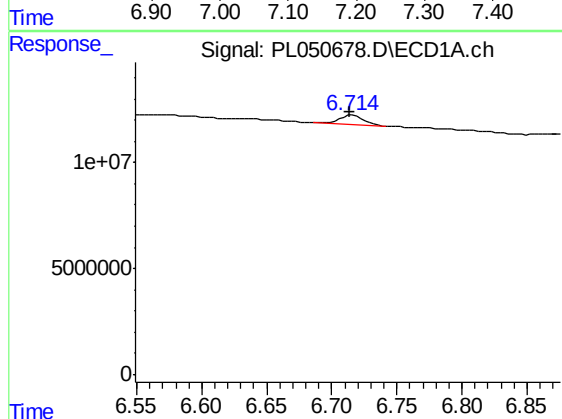
Manual Integrations
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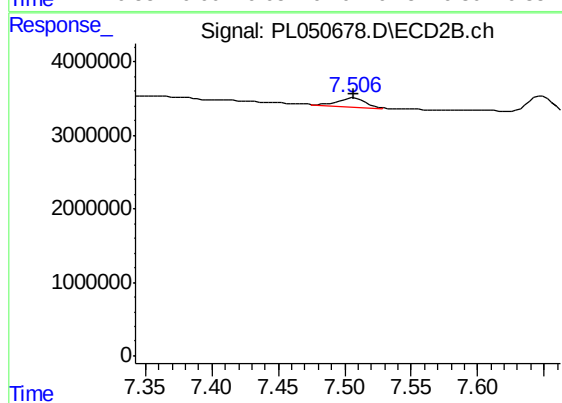
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 3278055
Conc: 1.13 ng/ml



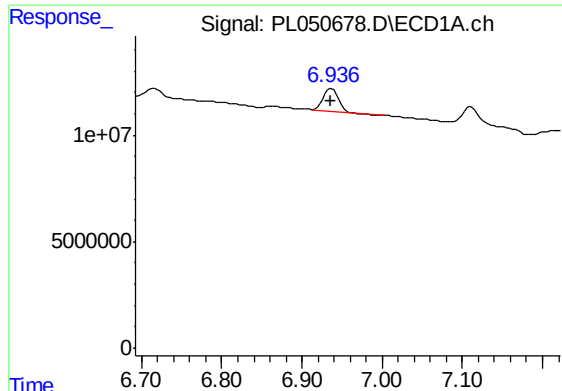
#20 Methoxychlor

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 5664111
Conc: 0.91 ng/ml m



#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: -0.001 min
Response: 1700995
Conc: 1.16 ng/ml m



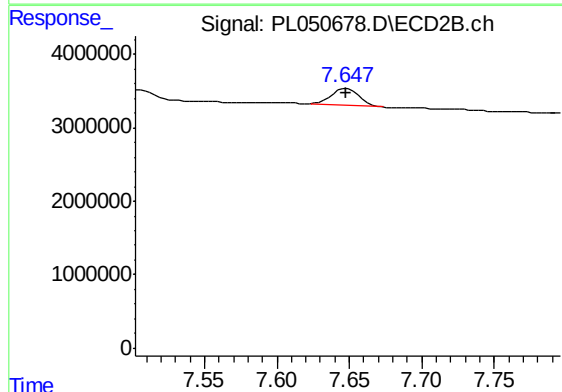
#21 Endrin ketone

R.T.: 6.937 min
Delta R.T.: 0.001 min
Response: 13905574
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

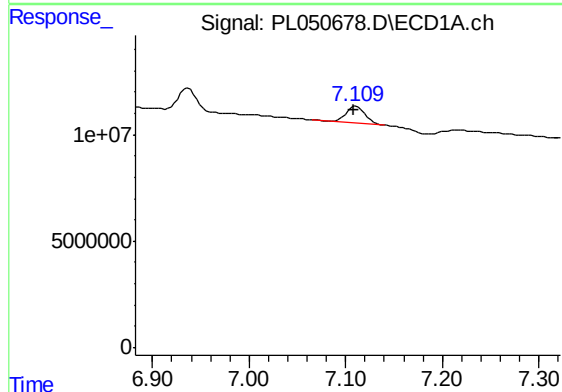
Manual Integrations
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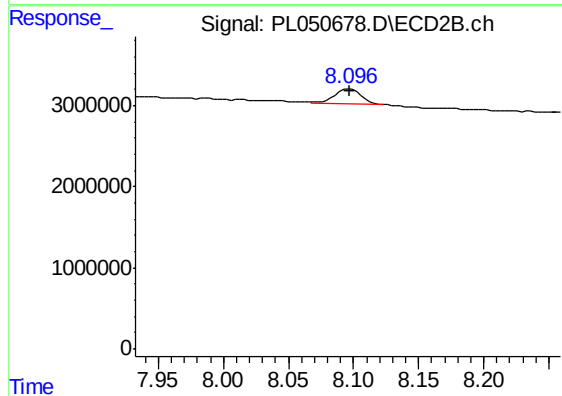
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: -0.001 min
Response: 3033426
Conc: 1.05 ng/ml m



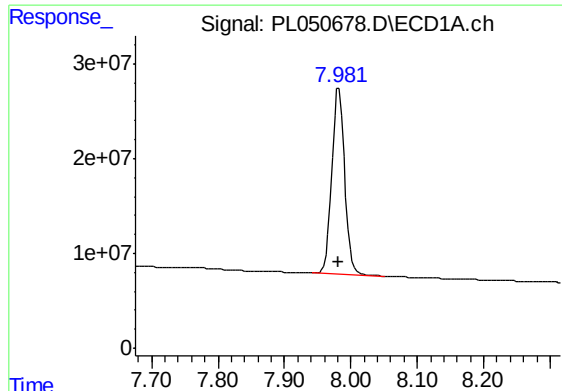
#22 Mirex

R.T.: 7.111 min
Delta R.T.: 0.002 min
Response: 10452565
Conc: 1.07 ng/ml



#22 Mirex

R.T.: 8.096 min
Delta R.T.: -0.002 min
Response: 2553143
Conc: 1.11 ng/ml m



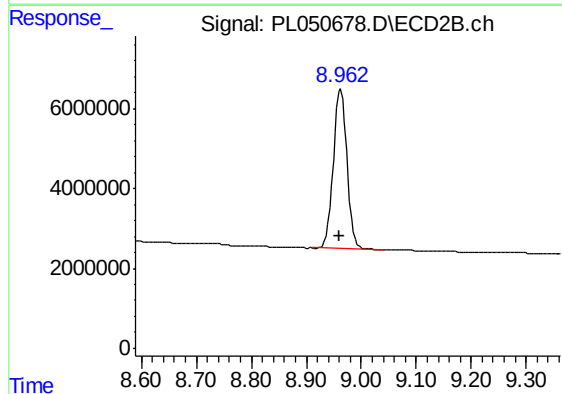
#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: 0.002 min
Response: 262279410
Conc: 25.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Manual Integrations
APPROVED

Ankita
7/23/2019 2:07:32 PM



#28 Decachlorobiphenyl

R.T.: 8.963 min
Delta R.T.: 0.001 min
Response: 68908453
Conc: 24.37 ng/ml