

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012220\
 Data File : PL055984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2020 10:50
 Operator : AJ\MA
 Sample : L1161-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT1-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 16:56:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 2020
 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...	3.489	3.966	180.9E6	55568544	18.877	19.662
28)	SA Decachlor...	8.233	8.952	201.6E6	46012419	19.285	20.084
Target Compounds							
2)	A alpha-BHC	3.924	4.349	14124990	3563969	0.851m	0.840
3)	MA gamma-BHC...	4.209	4.628	10442585	3699452	0.688	0.933 #
4)	MA Heptachlor	4.510	5.128	12955962	3444832	0.868	1.019
5)	MB Aldrin	4.758	5.428	12627486	3470527	0.863	1.012
6)	B beta-BHC	4.458	4.798	8176957	2082489	1.274	1.312
7)	B delta-BHC	4.663	5.011	9637289	1566113	0.658	0.524m
8)	B Heptachlo...	5.200	5.808	13270251	2848417	0.962	0.953
9)	A Endosulfan I	5.539	6.162	13364162	3012814	1.030	1.035
10)	B gamma-Chl...	5.425	6.039	11903140	3141690	0.848m	1.019m
11)	B alpha-Chl...	5.483	6.112	12365593	3178405	0.894m	1.029
12)	B 4,4'-DDE	5.648	6.267	11276665	2839267	0.863	0.970
13)	MA Dieldrin	5.780	6.415	12399568	3010446	0.896m	0.996
14)	MA Endrin	6.039	6.631	11457626	2102789	0.907	0.830
15)	B Endosulfa...	6.309	6.839	8583533	3074847	0.769	1.147 #
16)	A 4,4'-DDD	6.162	6.752	9048696	2095794	0.909	0.909
17)	MA 4,4'-DDT	6.402	7.047	6126703	1818370	0.605	0.805 #
18)	B Endrin al...	6.477	6.961	10870289	2388696	1.046m	1.058
19)	B Endosulfa...	6.691	7.182	9657344	2638395	0.893	1.066
20)	A Methoxychlor	6.946	7.499	5495242	1070888	1.053	0.897m
21)	B Endrin ke...	7.180	7.648	11888064	2898396	0.944	1.098
22)	Mirex	7.368	8.097	1613769	1577602	0.230m	0.865 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012220\
Data File : PL055984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jan 2020 10:50
Operator : AJ\MA
Sample : L1161-09
Misc : PEST MDL 1 PPB
ALS Vial : 10 Sample Multiplier: 1

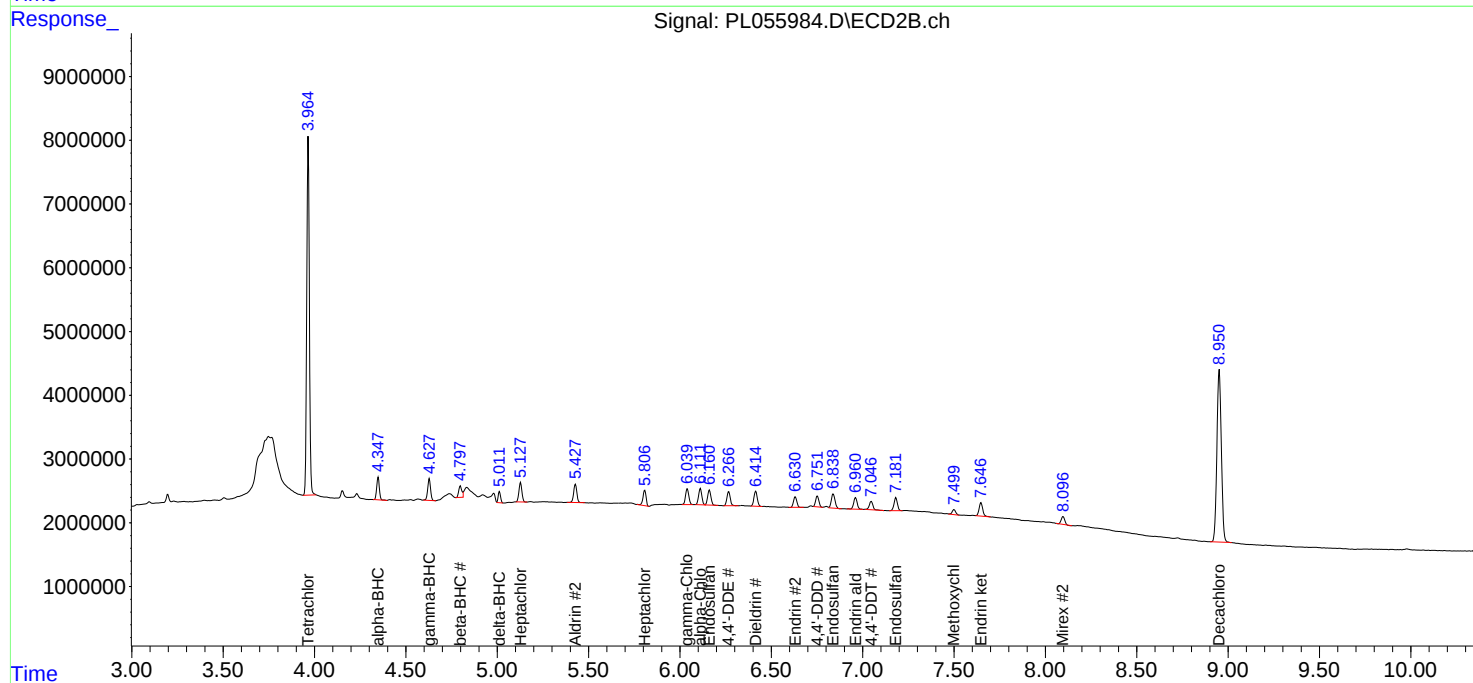
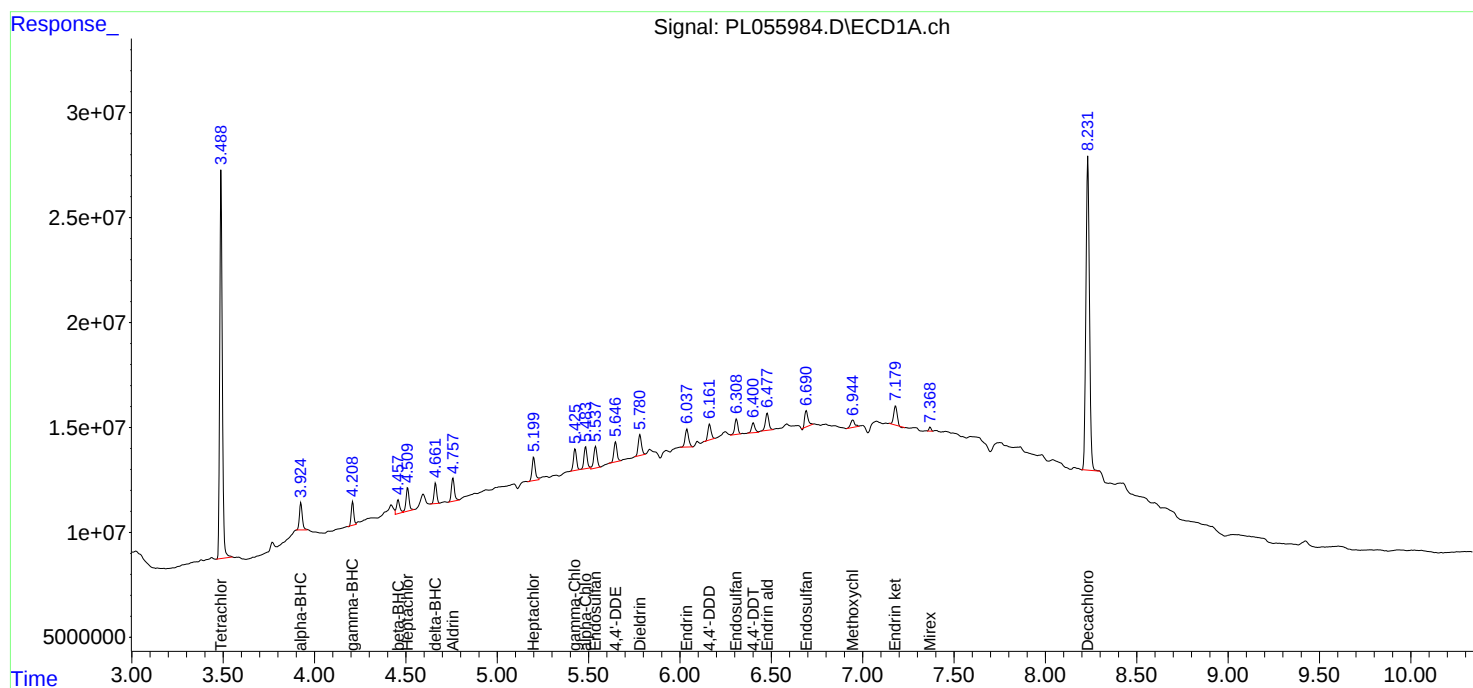
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

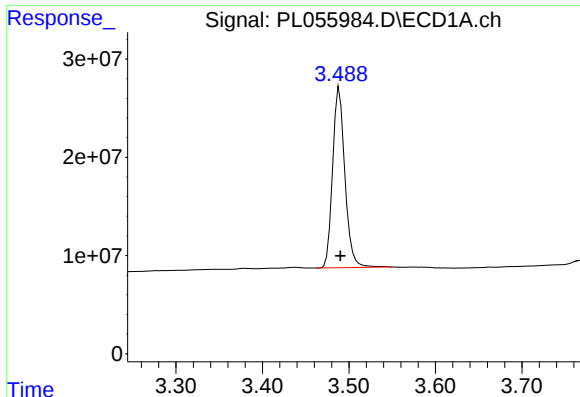
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 16:56:14 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 2020
Response 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





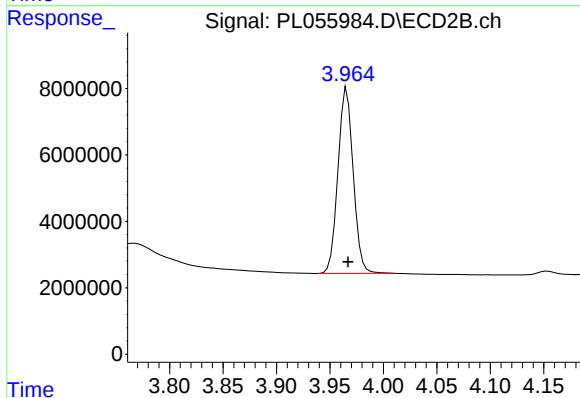
#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: 0.000 min
Response: 180929698
Conc: 18.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

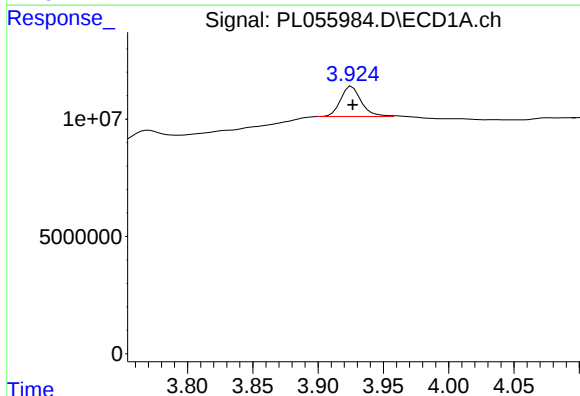
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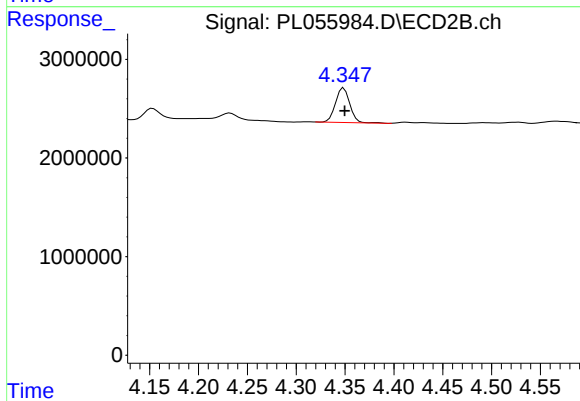
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: 0.000 min
Response: 55568544
Conc: 19.66 ng/ml



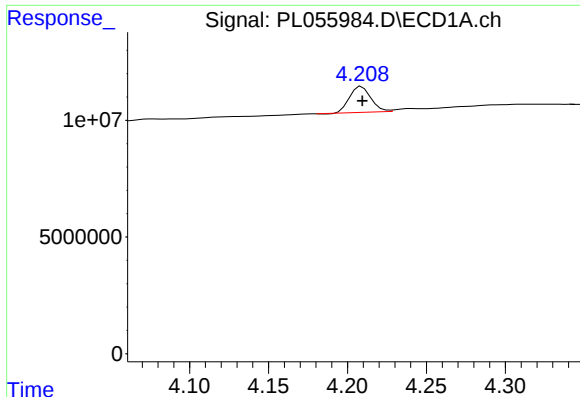
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: -0.002 min
Response: 14124990
Conc: 0.85 ng/ml m



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 3563969
Conc: 0.84 ng/ml



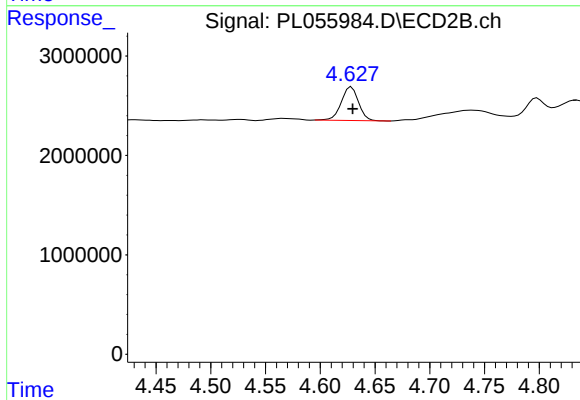
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 10442585
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

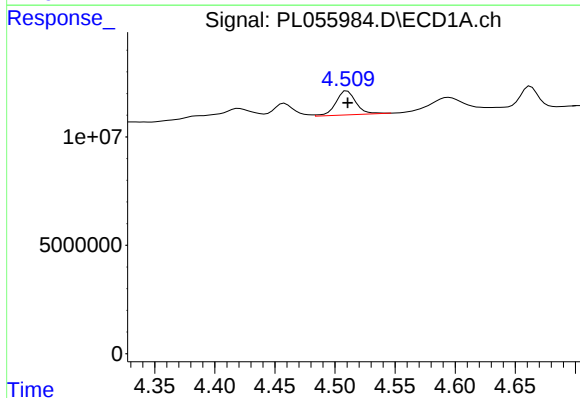
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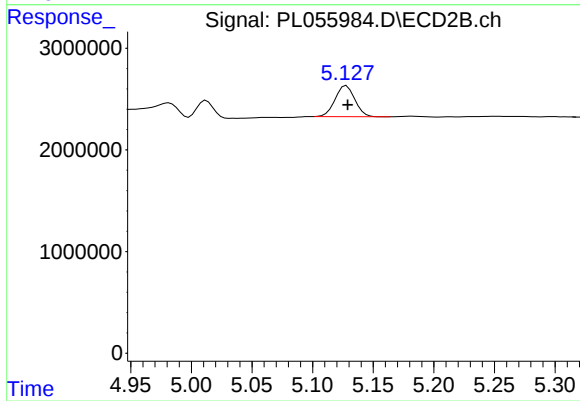
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: -0.001 min
Response: 3699452
Conc: 0.93 ng/ml



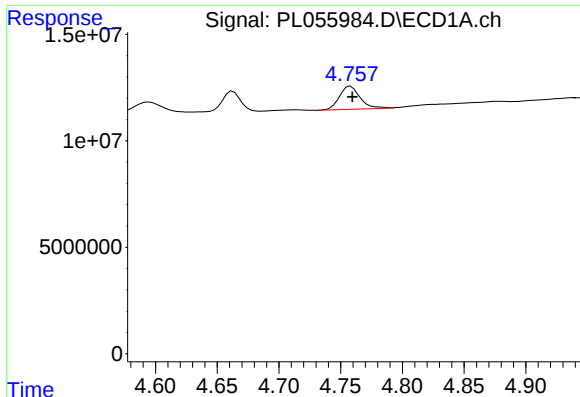
#4 Heptachlor

R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 12955962
Conc: 0.87 ng/ml



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 3444832
Conc: 1.02 ng/ml



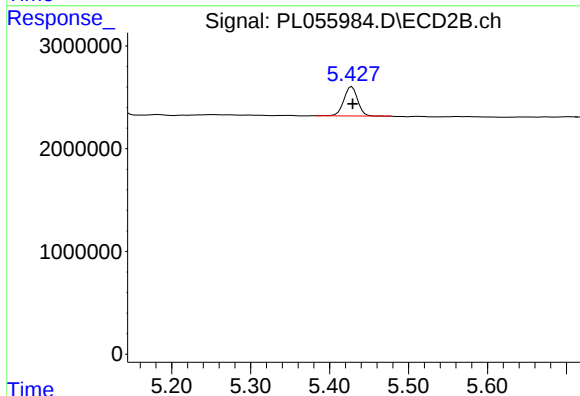
#5 Aldrin

R.T.: 4.758 min
Delta R.T.: -0.001 min
Response: 12627486
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

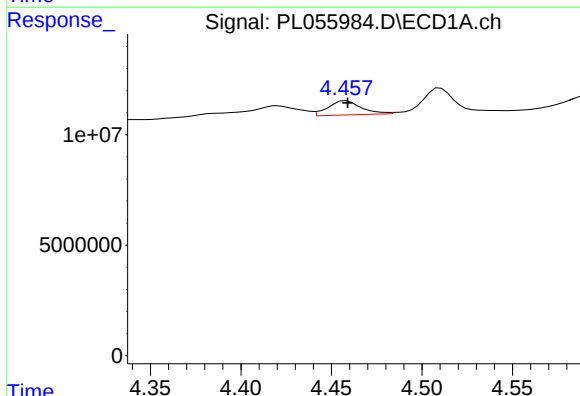
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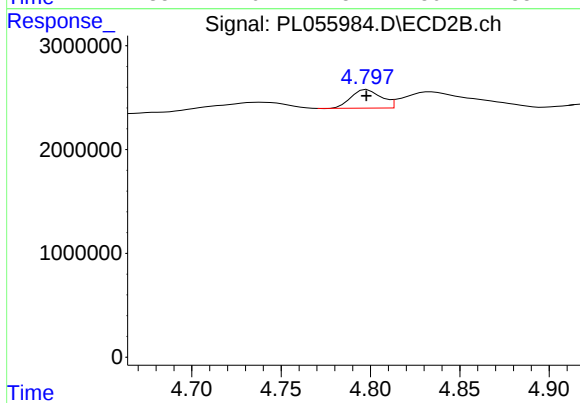
#5 Aldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 3470527
Conc: 1.01 ng/ml



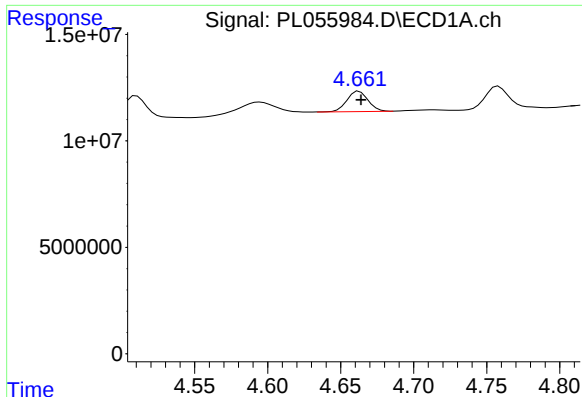
#6 beta-BHC

R.T.: 4.458 min
Delta R.T.: 0.000 min
Response: 8176957
Conc: 1.27 ng/ml



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 2082489
Conc: 1.31 ng/ml



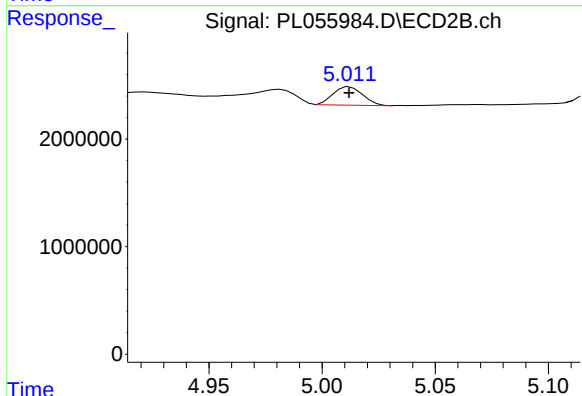
#7 delta-BHC

R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 9637289
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

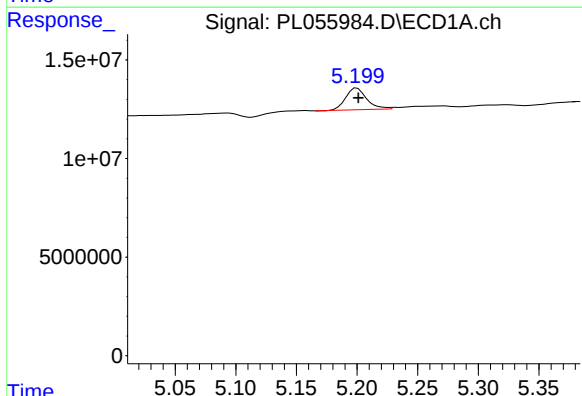
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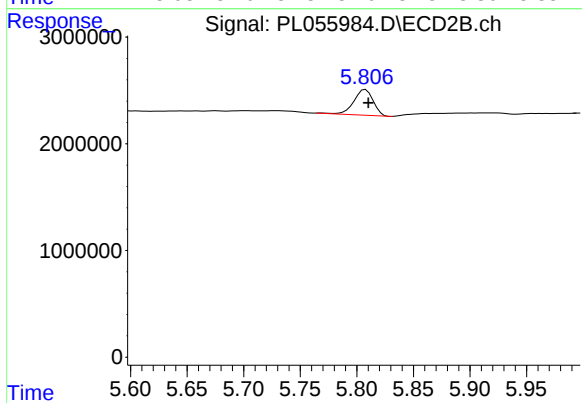
#7 delta-BHC

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 1566113
Conc: 0.52 ng/ml m



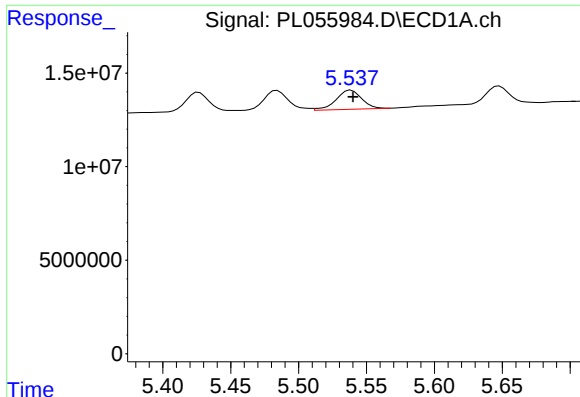
#8 Heptachlor epoxide

R.T.: 5.200 min
Delta R.T.: -0.001 min
Response: 13270251
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 2848417
Conc: 0.95 ng/ml



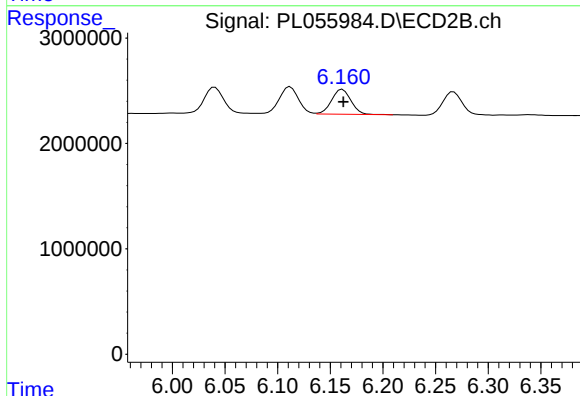
#9 Endosulfan I

R.T.: 5.539 min
Delta R.T.: -0.002 min
Response: 13364162
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

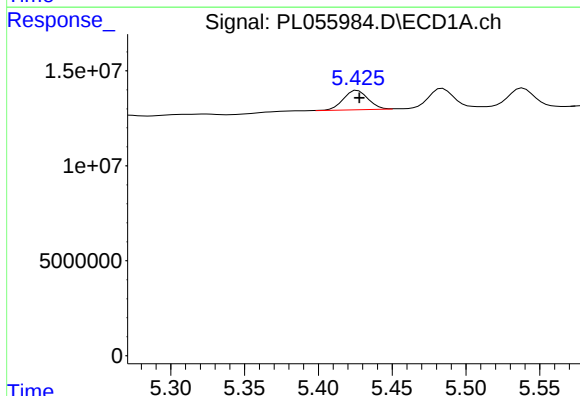
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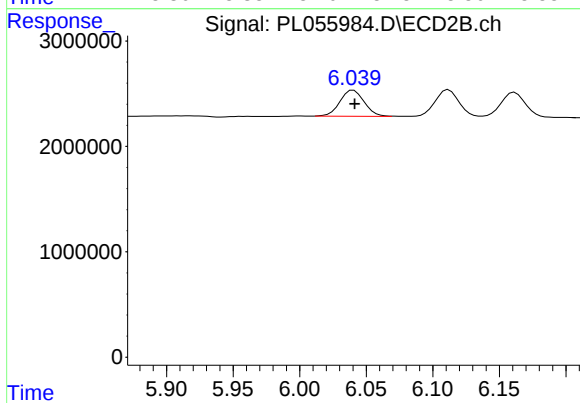
#9 Endosulfan I

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 3012814
Conc: 1.03 ng/ml



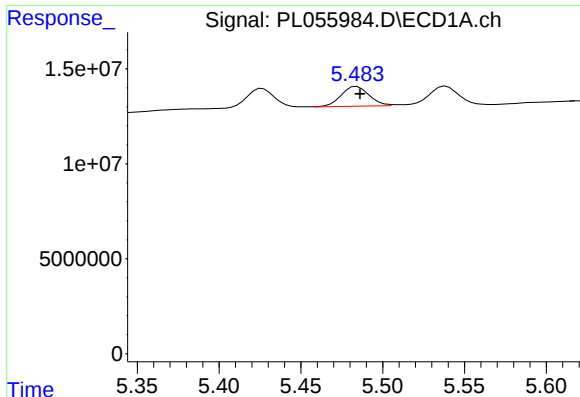
#10 gamma-Chlordane

R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 11903140
Conc: 0.85 ng/ml m



#10 gamma-Chlordane

R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 3141690
Conc: 1.02 ng/ml m



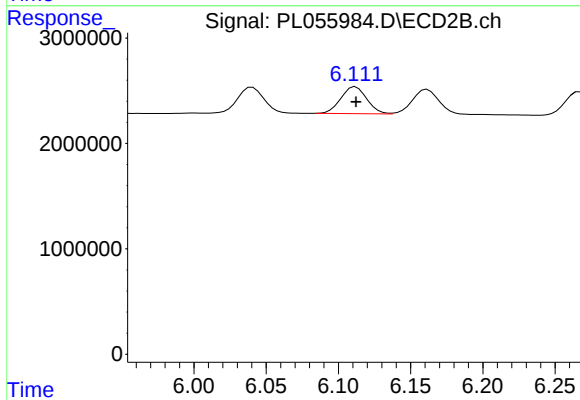
#11 alpha-Chlordane

R.T.: 5.483 min
Delta R.T.: -0.003 min
Response: 12365593
Conc: 0.89 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

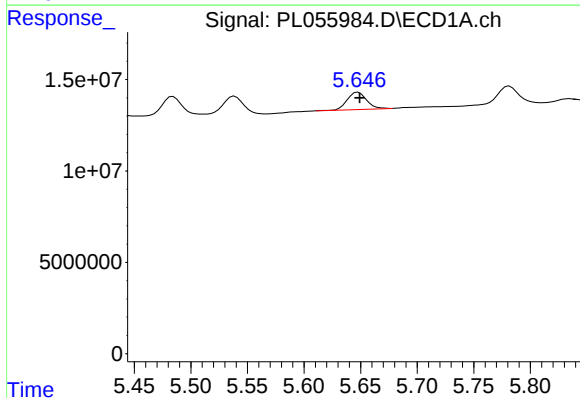
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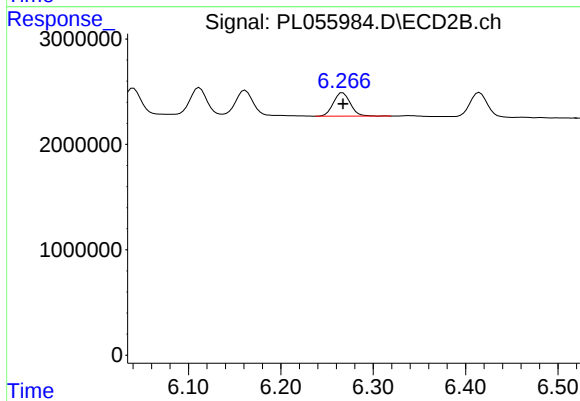
#11 alpha-Chlordane

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 3178405
Conc: 1.03 ng/ml



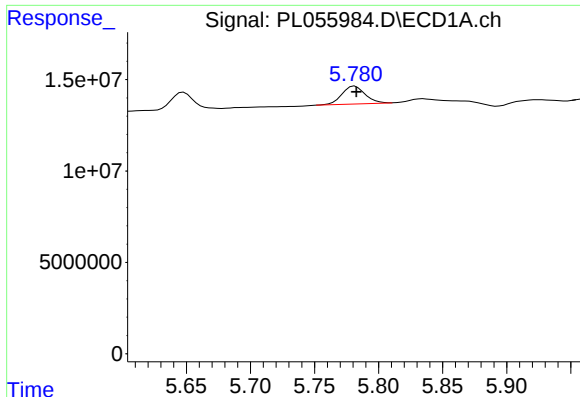
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: -0.001 min
Response: 11276665
Conc: 0.86 ng/ml



#12 4,4'-DDE

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 2839267
Conc: 0.97 ng/ml



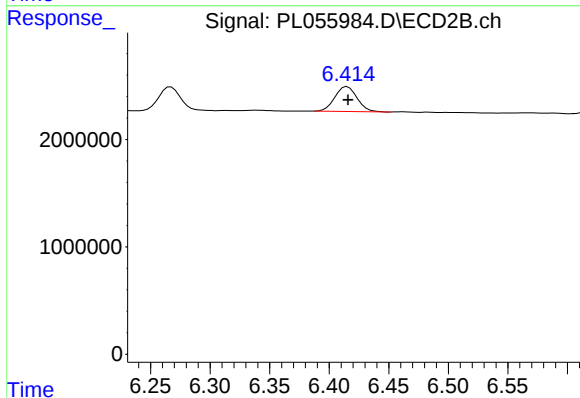
#13 Dieldrin

R.T.: 5.780 min
Delta R.T.: -0.003 min
Response: 12399568
Conc: 0.90 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

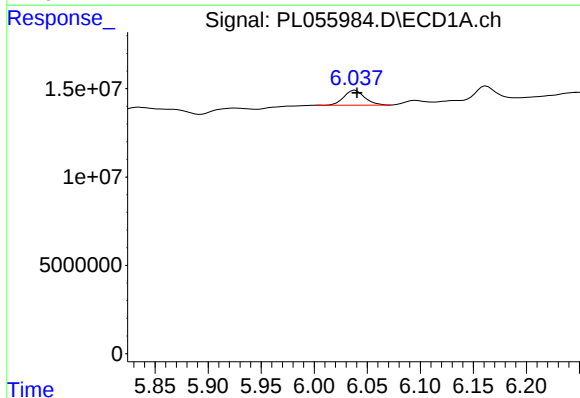
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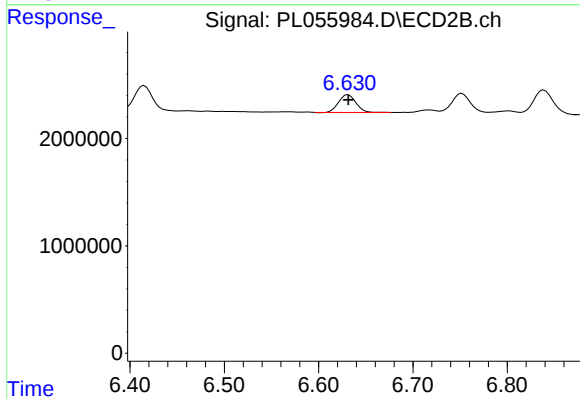
#13 Dieldrin

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 3010446
Conc: 1.00 ng/ml



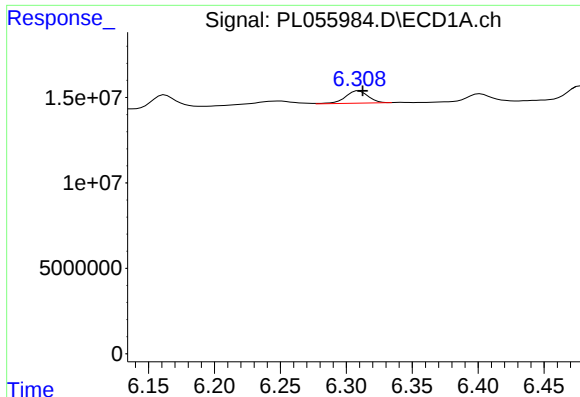
#14 Endrin

R.T.: 6.039 min
Delta R.T.: -0.002 min
Response: 11457626
Conc: 0.91 ng/ml



#14 Endrin

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 2102789
Conc: 0.83 ng/ml



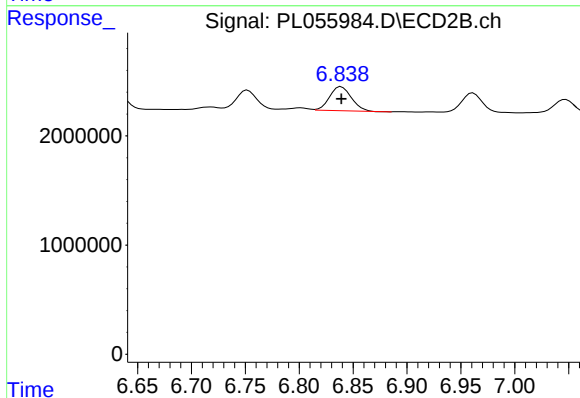
#15 Endosulfan II

R.T.: 6.309 min
Delta R.T.: -0.003 min
Response: 8583533
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

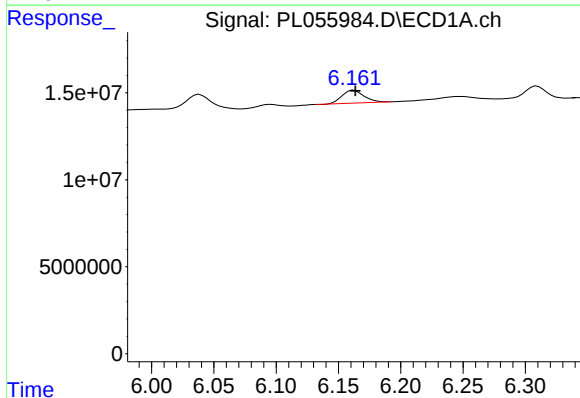
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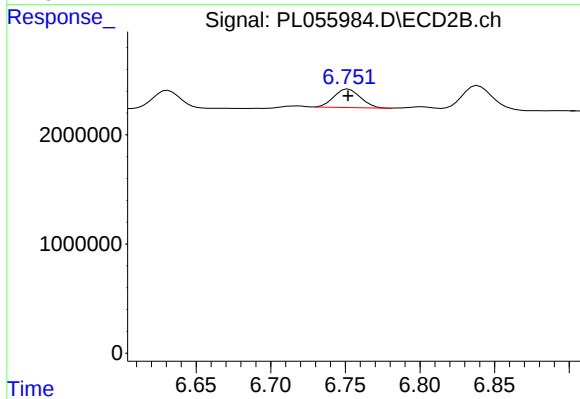
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 3074847
Conc: 1.15 ng/ml



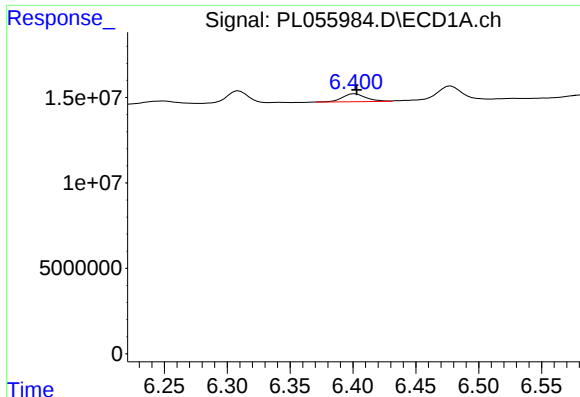
#16 4,4'-DDD

R.T.: 6.162 min
Delta R.T.: -0.001 min
Response: 9048696
Conc: 0.91 ng/ml



#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 2095794
Conc: 0.91 ng/ml



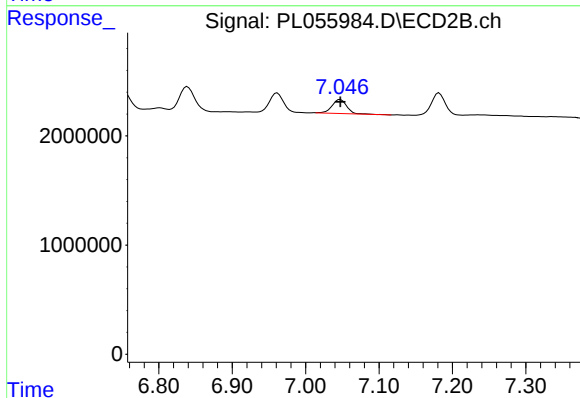
#17 4,4'-DDT

R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 6126703
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

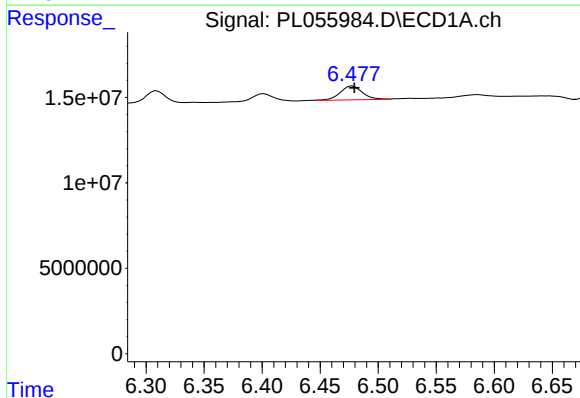
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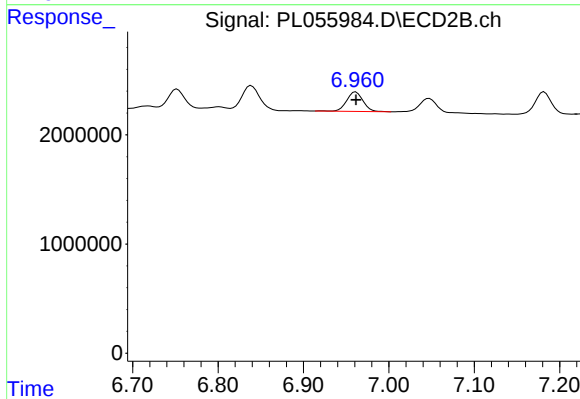
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 1818370
Conc: 0.81 ng/ml



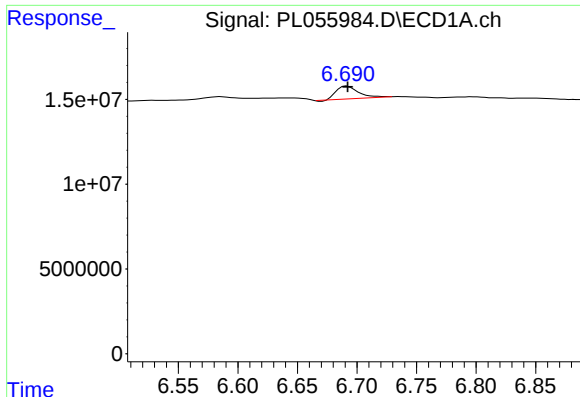
#18 Endrin aldehyde

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 10870289
Conc: 1.05 ng/ml m



#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 2388696
Conc: 1.06 ng/ml



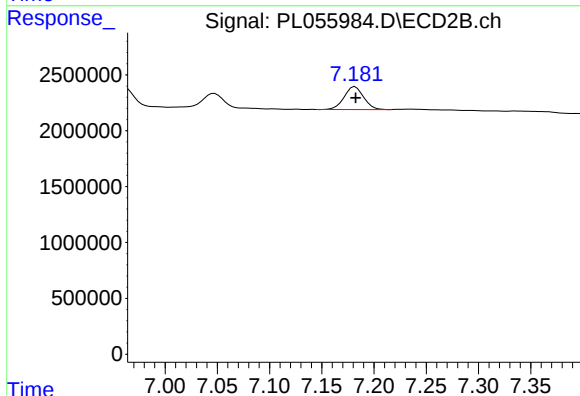
#19 Endosulfan Sulfate

R.T.: 6.691 min
Delta R.T.: 0.000 min
Response: 9657344
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

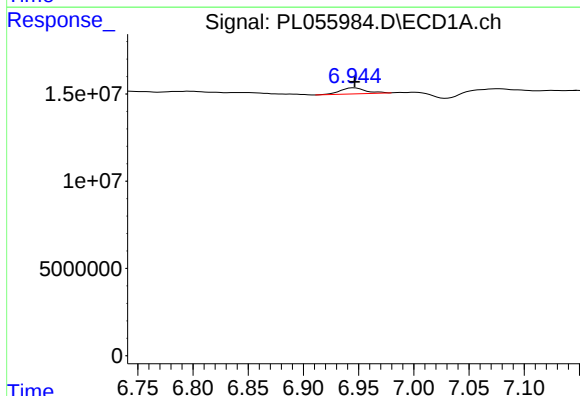
Manual Integrations
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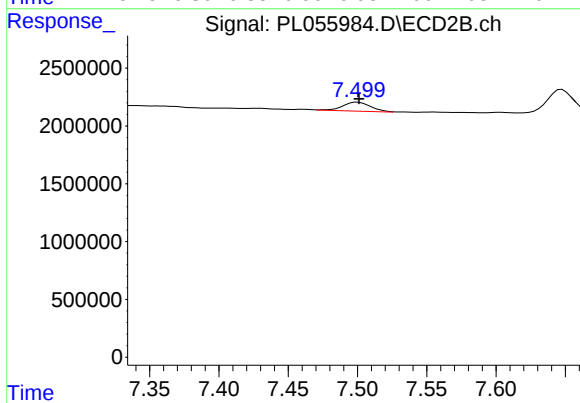
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 2638395
Conc: 1.07 ng/ml



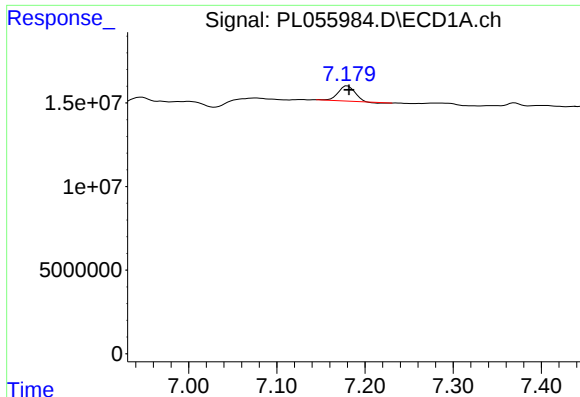
#20 Methoxychlor

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 5495242
Conc: 1.05 ng/ml



#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 1070888
Conc: 0.90 ng/ml m



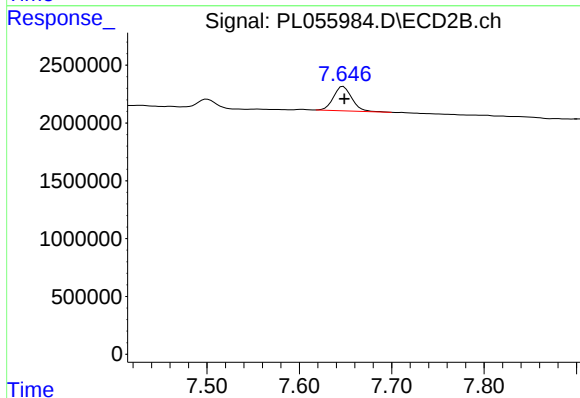
#21 Endrin ketone

R.T.: 7.180 min
Delta R.T.: -0.002 min
Response: 11888064
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

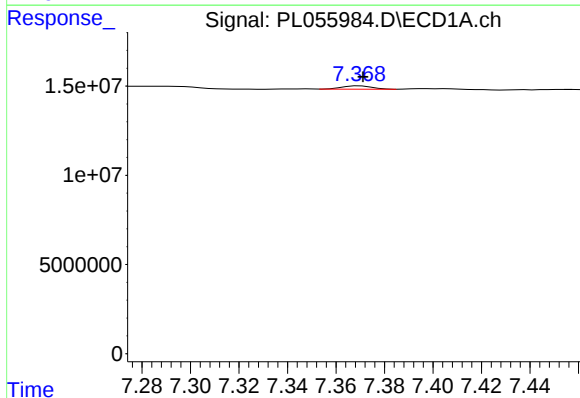
Manual Integrations
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1/23/2020 9:45:36 AM



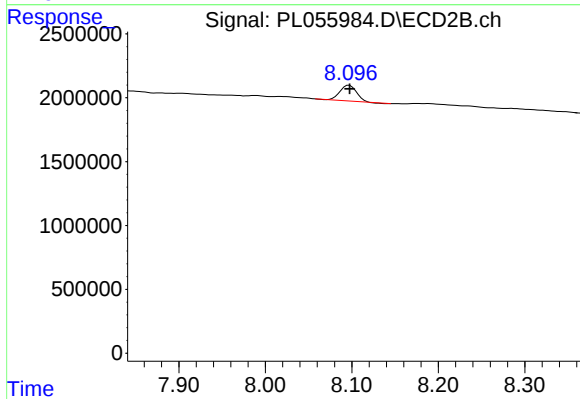
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.001 min
Response: 2898396
Conc: 1.10 ng/ml



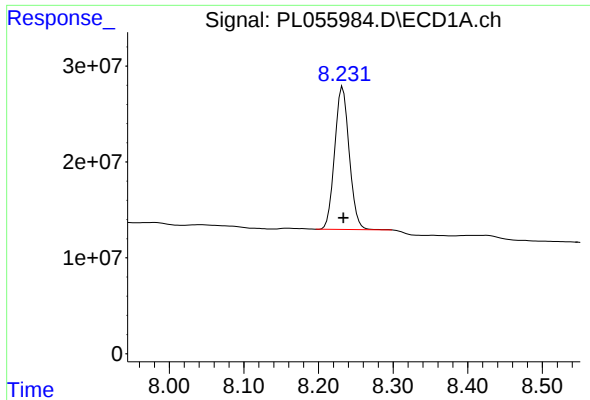
#22 Mirex

R.T.: 7.368 min
Delta R.T.: -0.003 min
Response: 1613769
Conc: 0.23 ng/ml m



#22 Mirex

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 1577602
Conc: 0.86 ng/ml



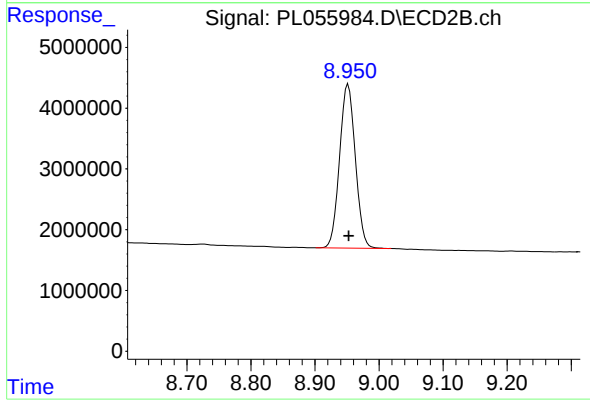
#28 Decachlorobiphenyl

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 201639334
Conc: 19.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2020

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.952 min
Delta R.T.: 0.000 min
Response: 46012419
Conc: 20.08 ng/ml