

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
 Data File : PL053511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2019 12:19
 Operator : SG\AJ
 Sample : K5111-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 01:50:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 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...	3.544	4.045	199.9E6	47970859	18.443	19.170
28)	SA Decachlor...	8.330	9.122	194.5E6	55584785	19.822	19.739
Target Compounds							
2)	A alpha-BHC	3.987	4.435	18576523	2734525	1.065	0.791 #
3)	MA gamma-BHC...	4.274	4.720	10952807	2979834	0.703	0.925m#
4)	MA Heptachlor	4.581	5.231	12014966	3201944	0.761	0.994 #
5)	MB Aldrin	4.833	5.536	9996618	2589037	0.699	0.868
6)	B beta-BHC	4.523	4.892	6091379	1665719	0.924	1.078
7)	B delta-BHC	4.732	5.108	8697330	2344799	0.571	0.776 #
8)	B Heptachlo...	5.279	5.921	10325202	3394157	0.765	1.164m#
9)	A Endosulfan I	5.620	6.279	9677615	2489141	0.787	0.918
10)	B gamma-Chl...	5.506	6.157	10448682	2075035	0.766m	0.711
11)	B alpha-Chl...	5.566	6.229	10456598	2629209	0.786	0.901
12)	B 4,4'-DDE	5.728	6.384	8909296	2373772	0.750	0.843
13)	MA Dieldrin	5.865	6.536	9290854	2355663	0.713	0.825
14)	MA Endrin	6.122	6.754	7733210	1931718	0.667m	0.796
15)	B Endosulfa...	6.396	6.964	9329094	2902707	0.834	1.136 #
16)	A 4,4'-DDD	6.246	6.874	6587705	2303741	0.740	1.105 #
17)	MA 4,4'-DDT	6.489	7.173	6297037	2215370	0.636	0.958 #
18)	B Endrin al...	6.565	7.086	8295229	2155225	0.905	0.981
19)	B Endosulfa...	6.777	7.309	8971797	2311227	0.882	0.942
20)	A Methoxychlor	7.034	7.631	4047955	1158622	0.821	0.892
21)	B Endrin ke...	7.273	7.780	9371648	2599598	0.871	1.008
22)	Mirex	7.467	8.236	10227721	2341033	1.196	1.157

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
Data File : PL053511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 12:19
Operator : SG\AJ
Sample : K5111-07
Misc : PEST LOD 1 PPB
ALS Vial : 11 Sample Multiplier: 1

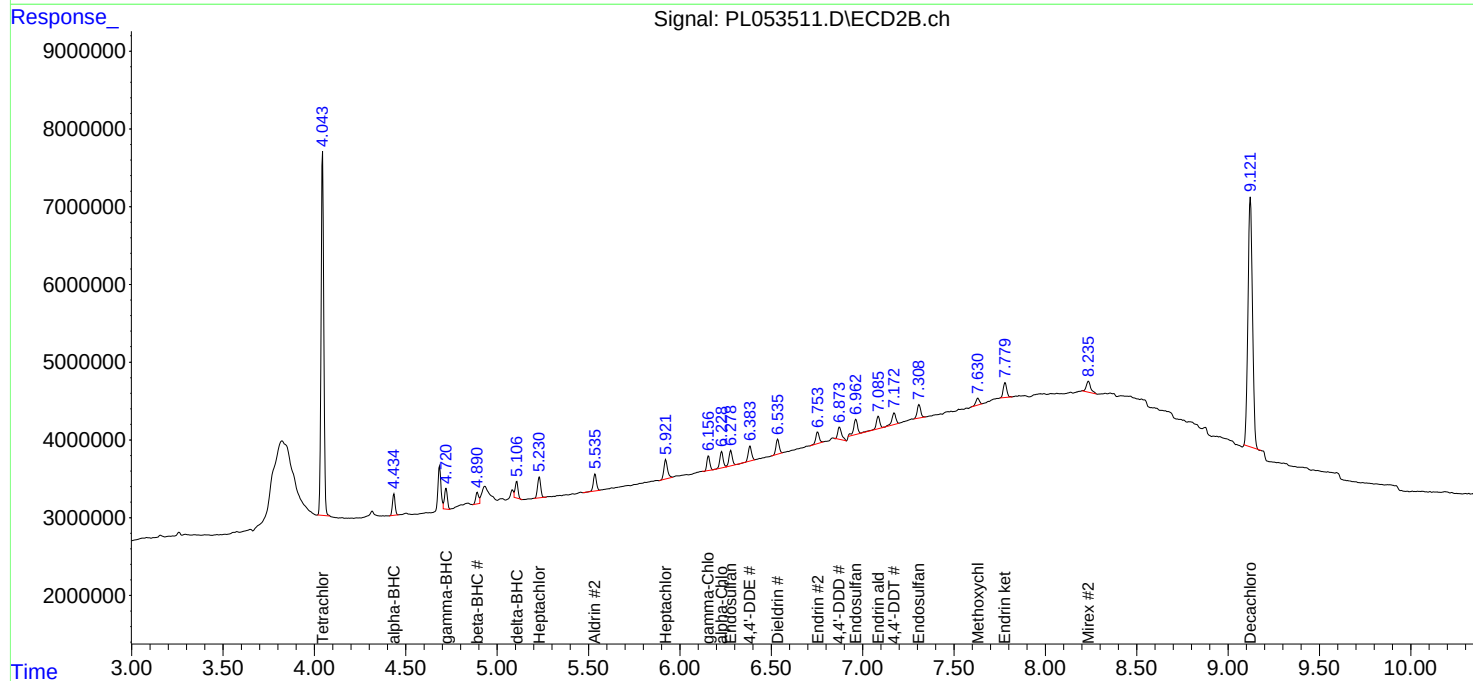
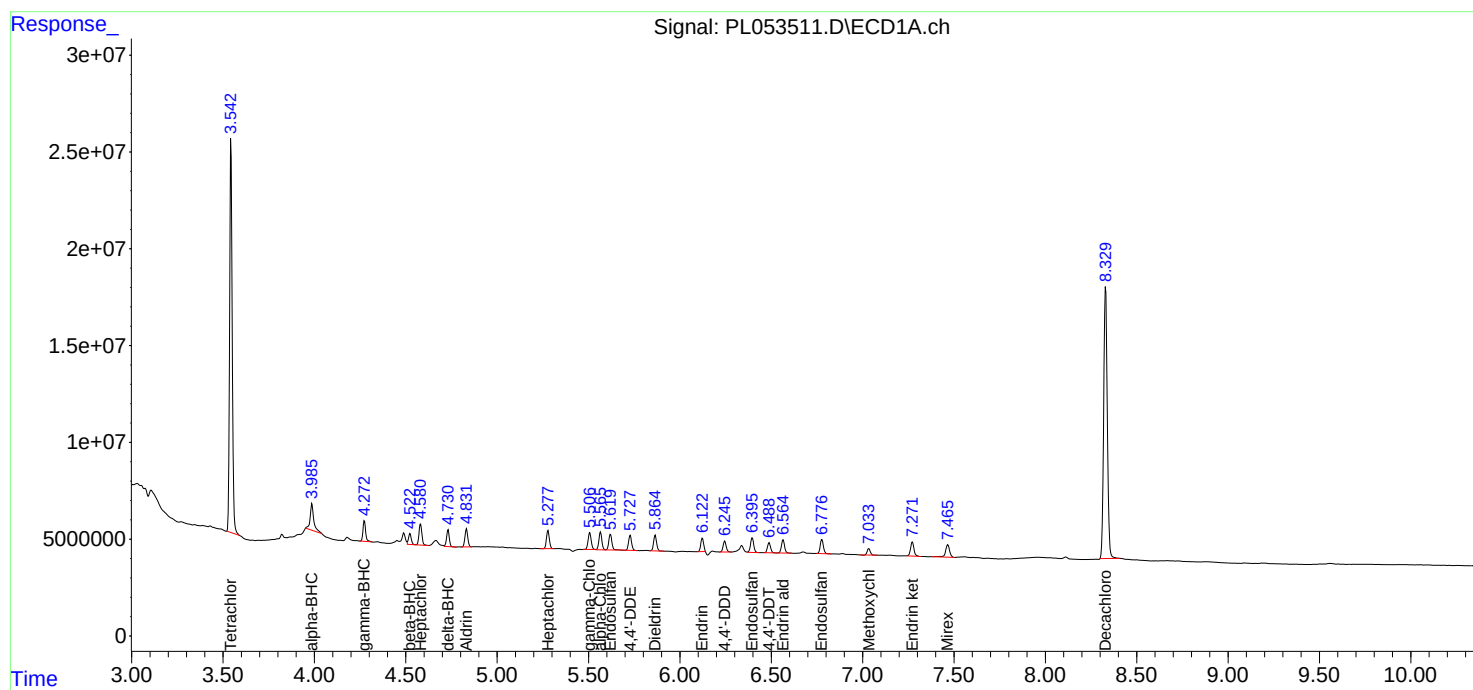
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

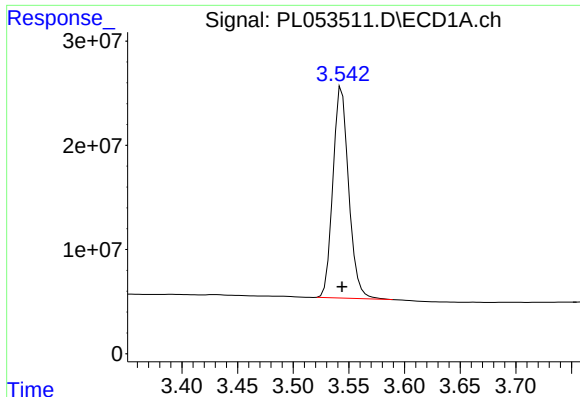
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 01:50:29 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response 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





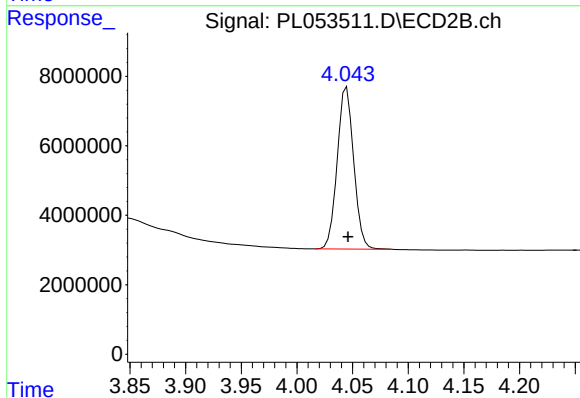
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 199909139
Conc: 18.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

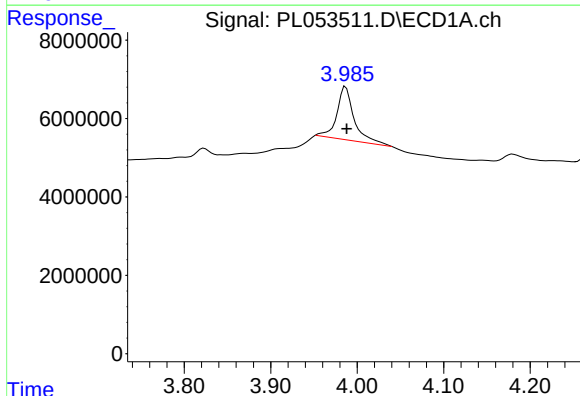
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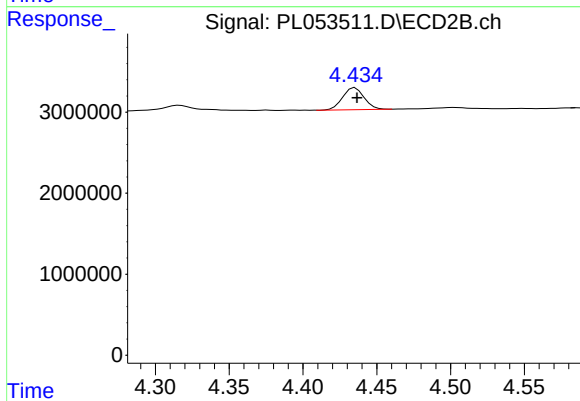
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 47970859
Conc: 19.17 ng/ml



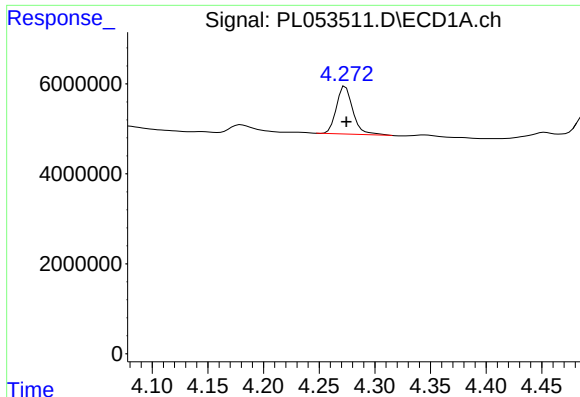
#2 alpha-BHC

R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 18576523
Conc: 1.07 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 2734525
Conc: 0.79 ng/ml



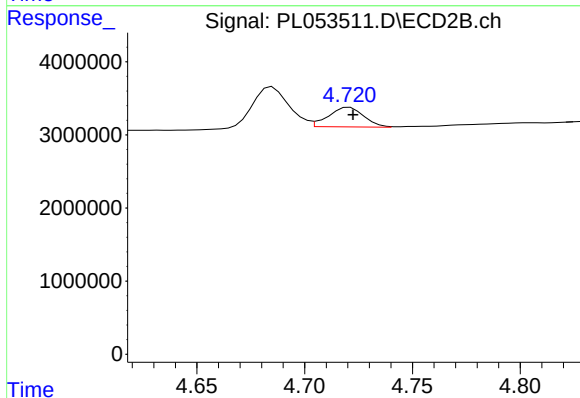
#3 gamma-BHC (Lindane)

R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 10952807
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

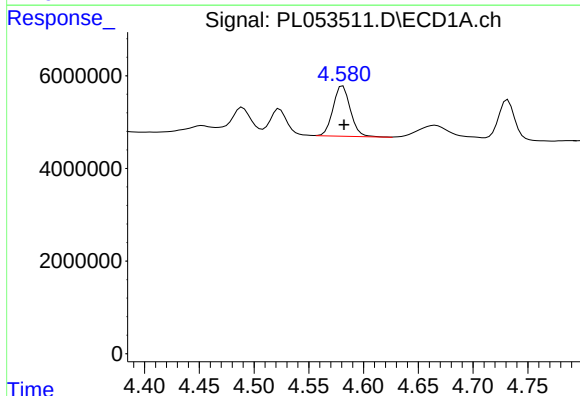
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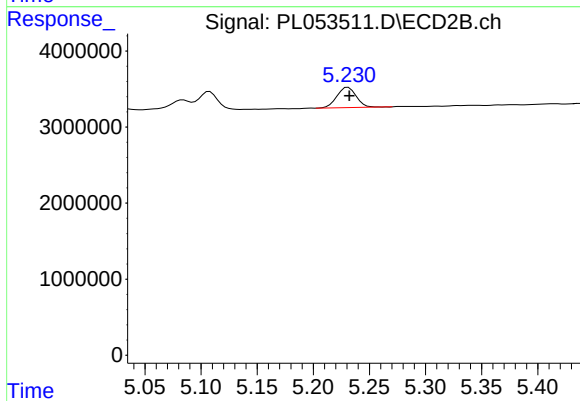
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.003 min
Response: 2979834
Conc: 0.93 ng/ml m



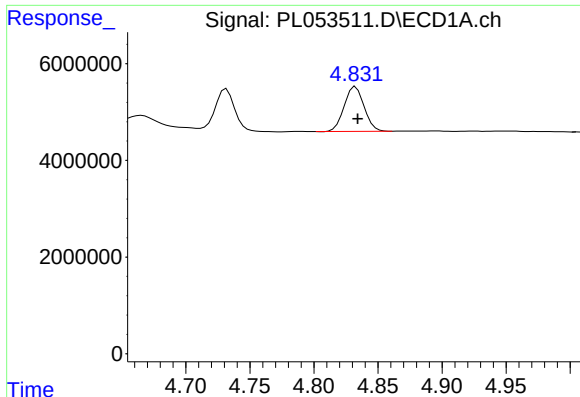
#4 Heptachlor

R.T.: 4.581 min
Delta R.T.: -0.001 min
Response: 12014966
Conc: 0.76 ng/ml



#4 Heptachlor

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 3201944
Conc: 0.99 ng/ml



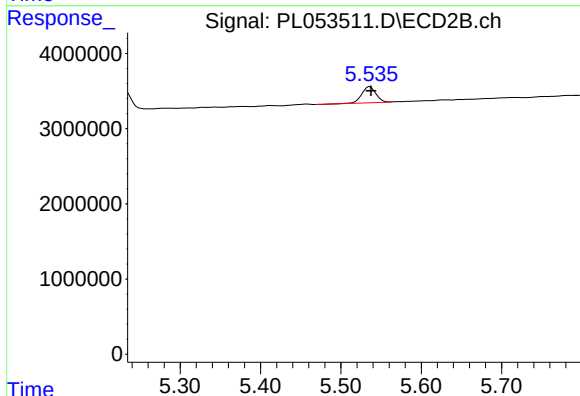
#5 Aldrin

R.T.: 4.833 min
Delta R.T.: -0.002 min
Response: 9996618
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

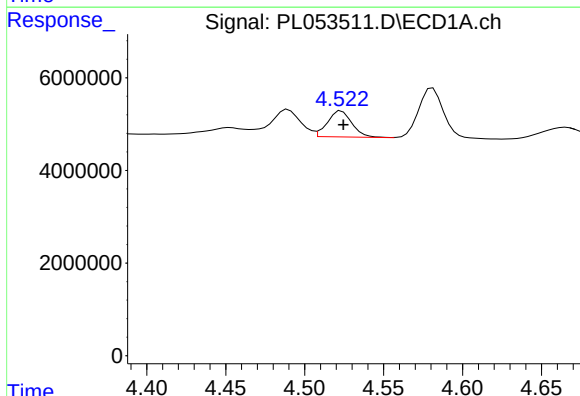
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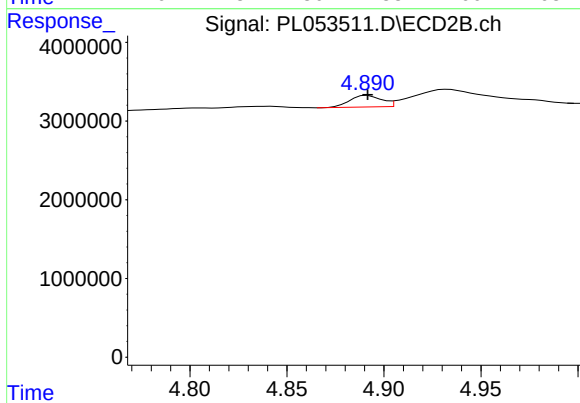
#5 Aldrin

R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 2589037
Conc: 0.87 ng/ml



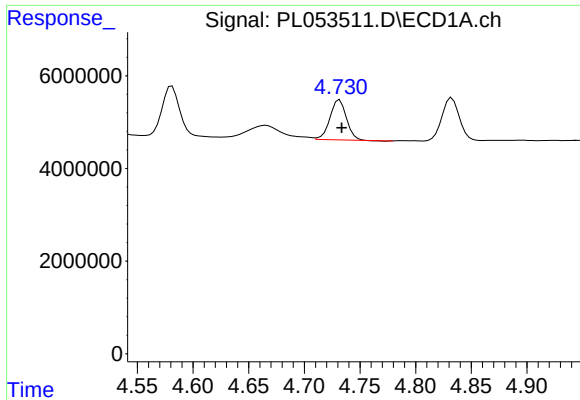
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.001 min
Response: 6091379
Conc: 0.92 ng/ml



#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 1665719
Conc: 1.08 ng/ml



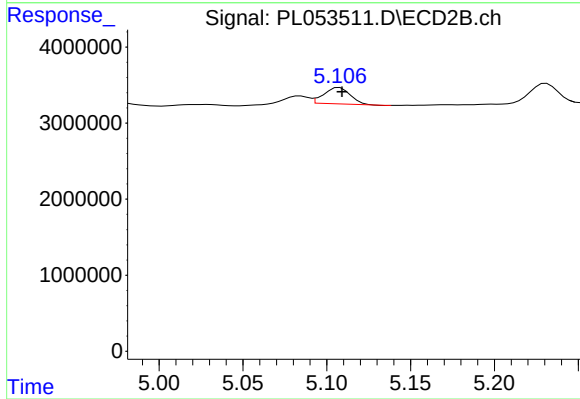
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 8697330
Conc: 0.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

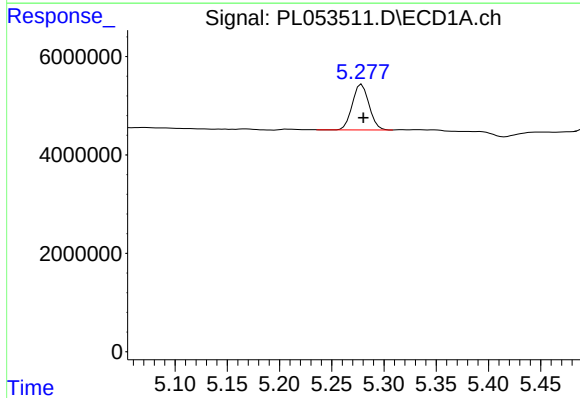
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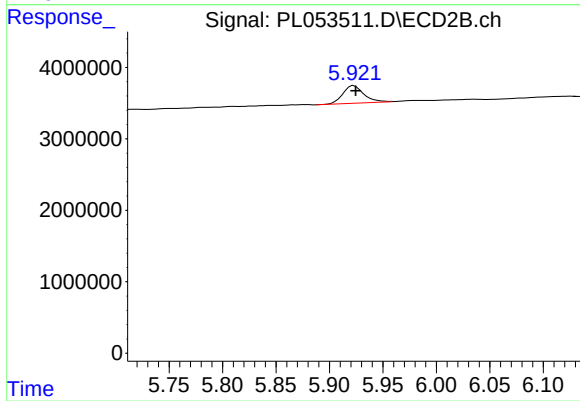
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 2344799
Conc: 0.78 ng/ml



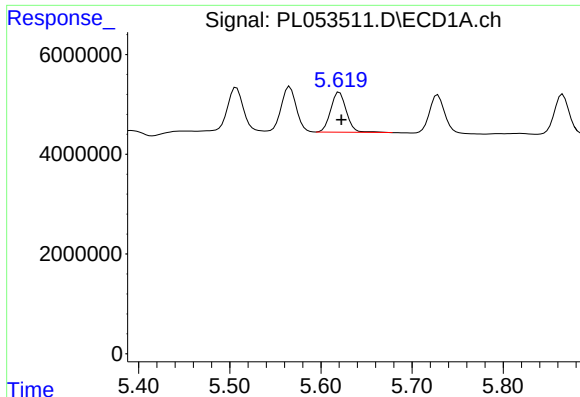
#8 Heptachlor epoxide

R.T.: 5.279 min
Delta R.T.: -0.001 min
Response: 10325202
Conc: 0.76 ng/ml



#8 Heptachlor epoxide

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 3394157
Conc: 1.16 ng/ml m



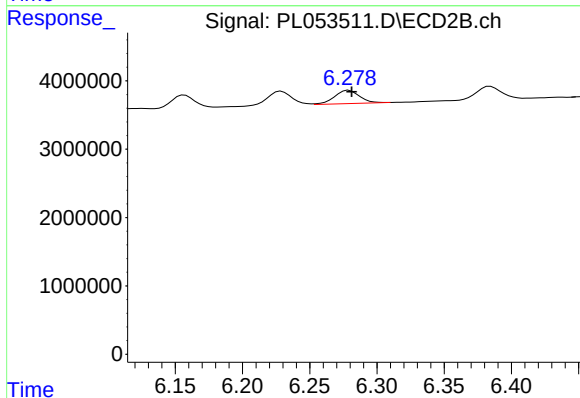
#9 Endosulfan I

R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 9677615
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

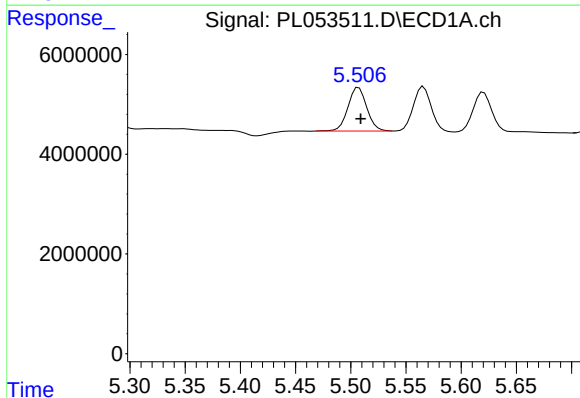
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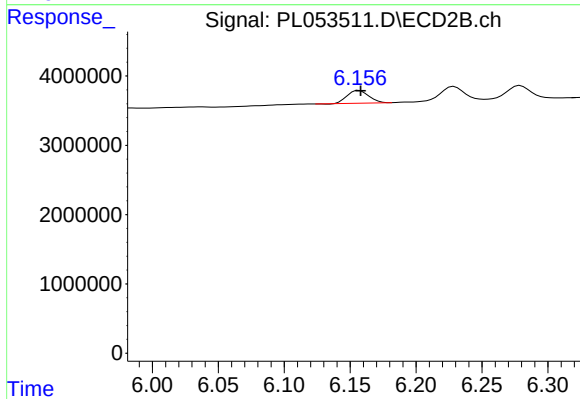
#9 Endosulfan I

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 2489141
Conc: 0.92 ng/ml



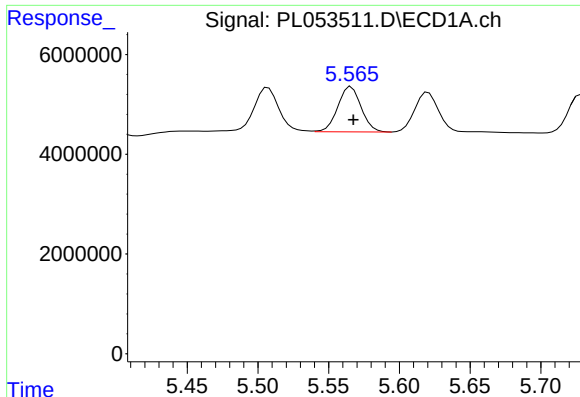
#10 gamma-Chlordane

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 10448682
Conc: 0.77 ng/ml m



#10 gamma-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 2075035
Conc: 0.71 ng/ml



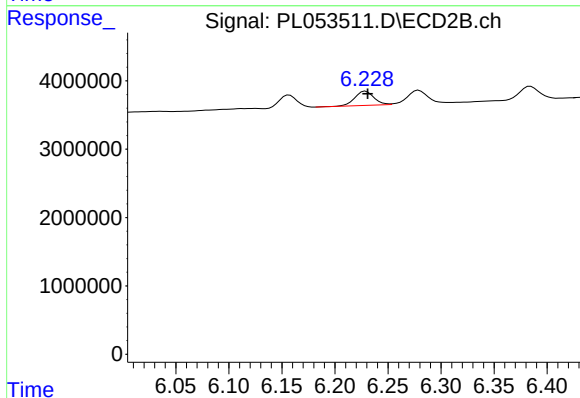
#11 alpha-Chlordane

R.T.: 5.566 min
Delta R.T.: -0.002 min
Response: 10456598
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

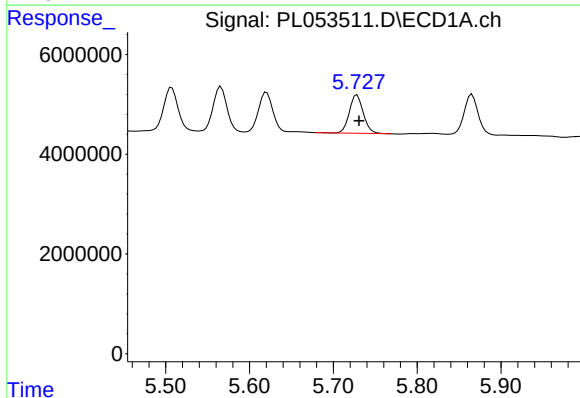
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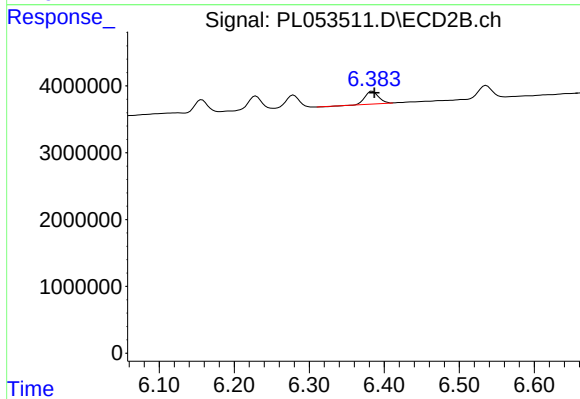
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 2629209
Conc: 0.90 ng/ml



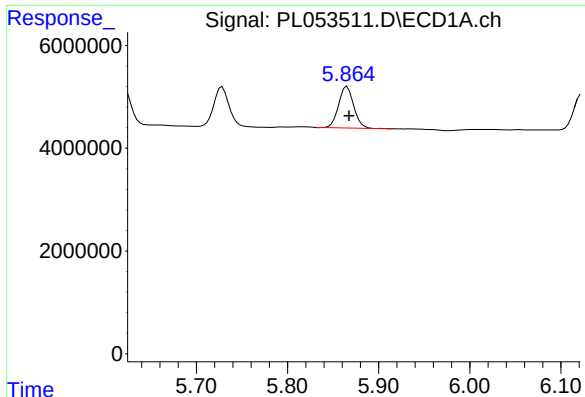
#12 4,4'-DDE

R.T.: 5.728 min
Delta R.T.: -0.002 min
Response: 8909296
Conc: 0.75 ng/ml



#12 4,4'-DDE

R.T.: 6.384 min
Delta R.T.: -0.003 min
Response: 2373772
Conc: 0.84 ng/ml



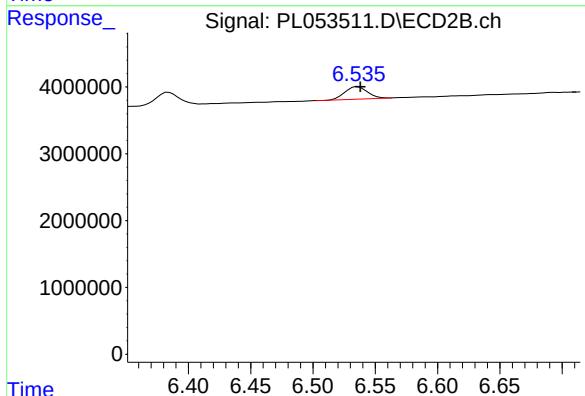
#13 Dieldrin

R.T.: 5.865 min
Delta R.T.: -0.002 min
Response: 9290854
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

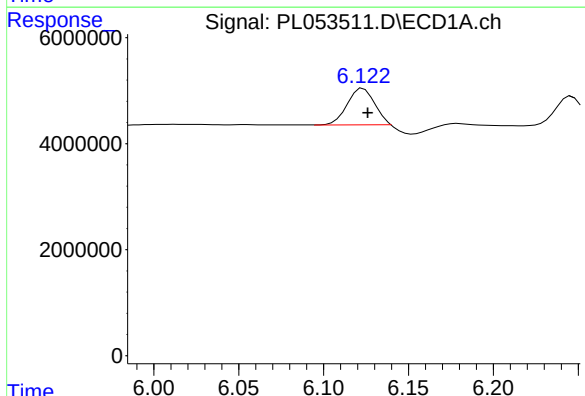
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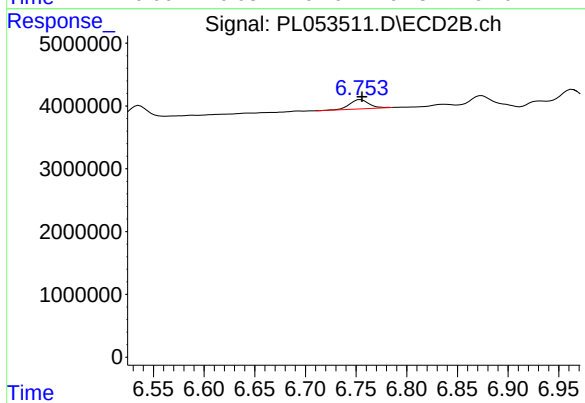
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 2355663
Conc: 0.83 ng/ml



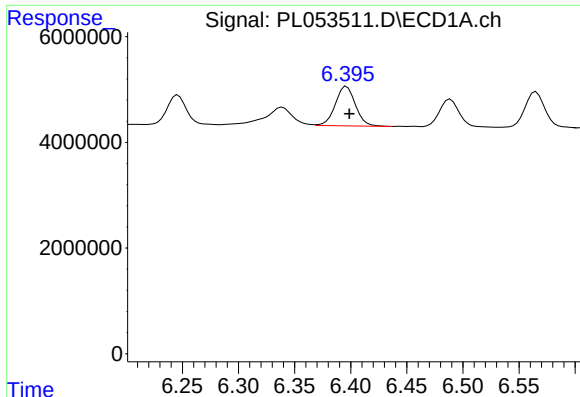
#14 Endrin

R.T.: 6.122 min
Delta R.T.: -0.004 min
Response: 7733210
Conc: 0.67 ng/ml m



#14 Endrin

R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 1931718
Conc: 0.80 ng/ml



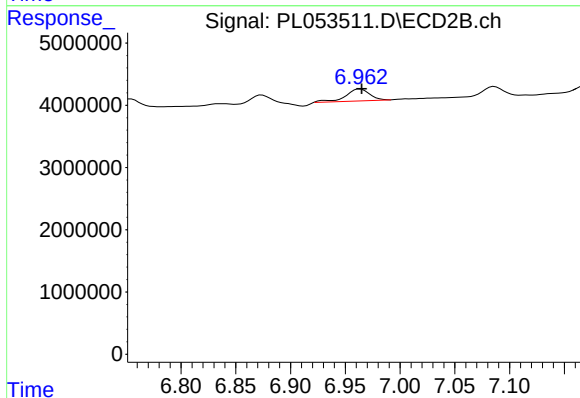
#15 Endosulfan II

R.T.: 6.396 min
Delta R.T.: -0.002 min
Response: 9329094
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

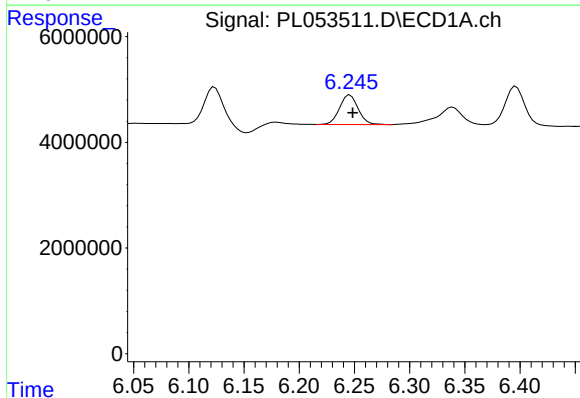
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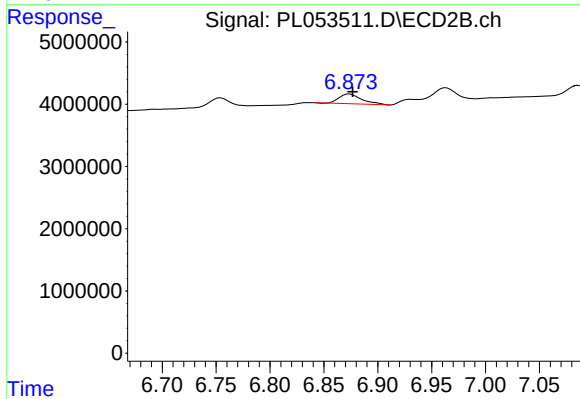
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: -0.001 min
Response: 2902707
Conc: 1.14 ng/ml



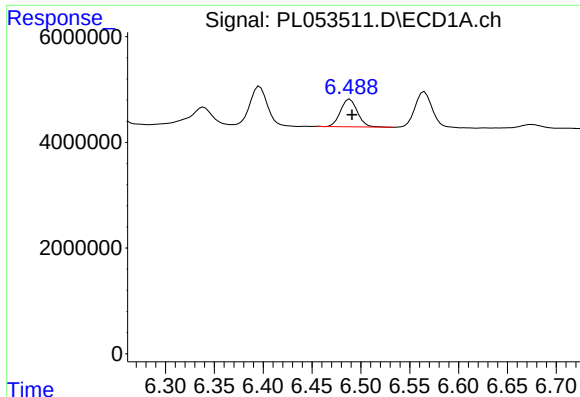
#16 4,4'-DDD

R.T.: 6.246 min
Delta R.T.: -0.002 min
Response: 6587705
Conc: 0.74 ng/ml



#16 4,4'-DDD

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 2303741
Conc: 1.11 ng/ml



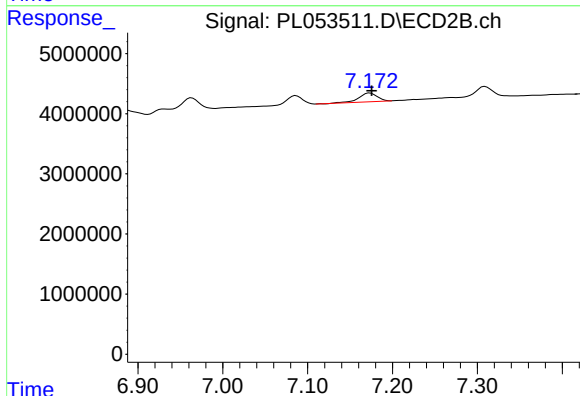
#17 4,4'-DDT

R.T.: 6.489 min
Delta R.T.: -0.002 min
Response: 6297037
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

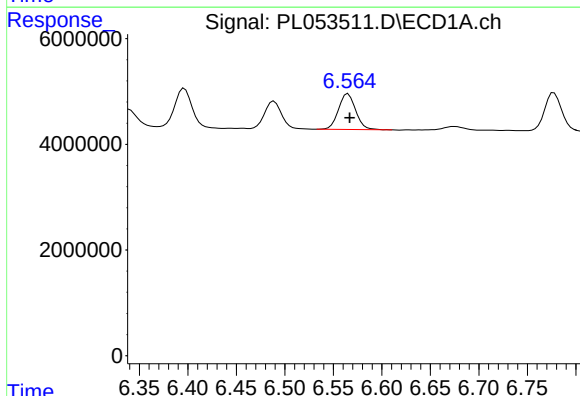
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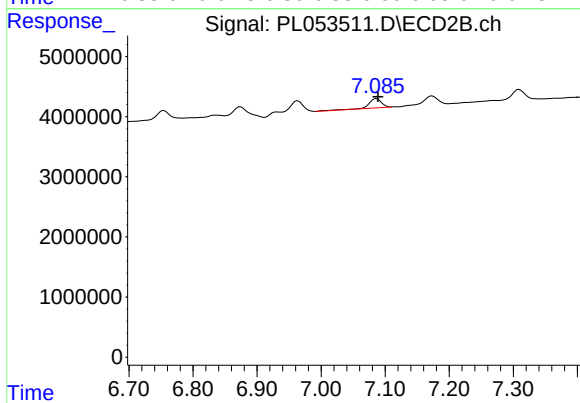
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 2215370
Conc: 0.96 ng/ml



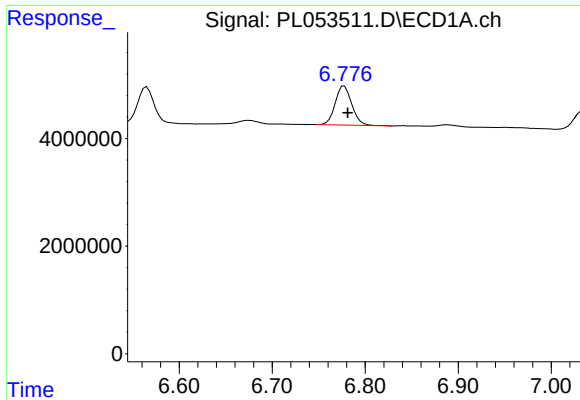
#18 Endrin aldehyde

R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 8295229
Conc: 0.90 ng/ml



#18 Endrin aldehyde

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 2155225
Conc: 0.98 ng/ml



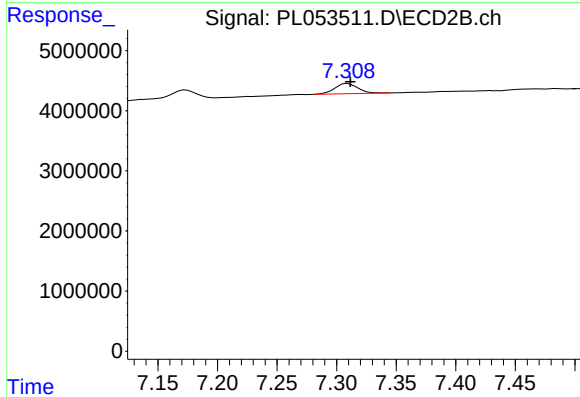
#19 Endosulfan Sulfate

R.T.: 6.777 min
Delta R.T.: -0.004 min
Response: 8971797
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

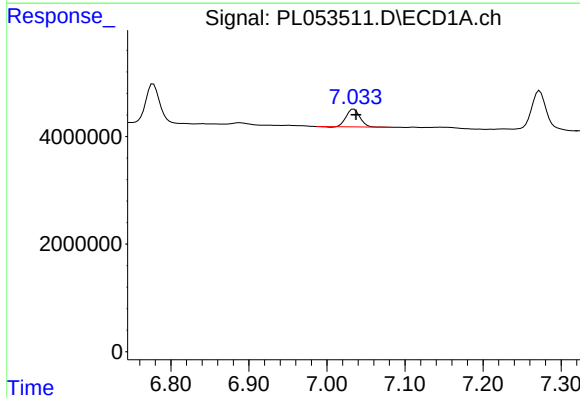
Manual Integrations
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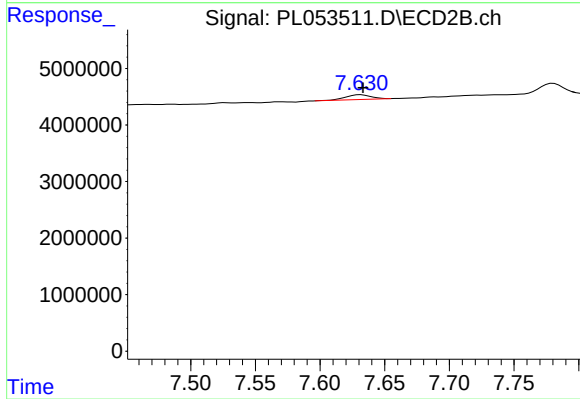
#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: -0.002 min
Response: 2311227
Conc: 0.94 ng/ml



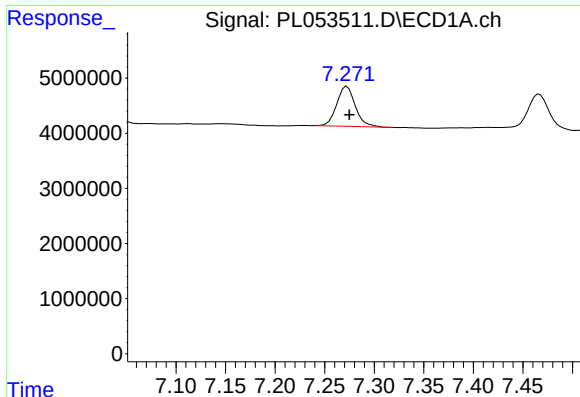
#20 Methoxychlor

R.T.: 7.034 min
Delta R.T.: -0.003 min
Response: 4047955
Conc: 0.82 ng/ml



#20 Methoxychlor

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 1158622
Conc: 0.89 ng/ml



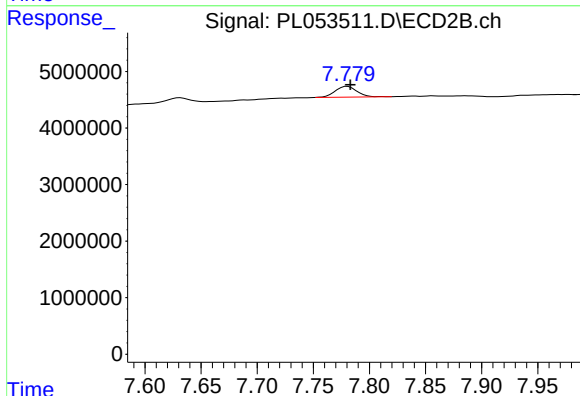
#21 Endrin ketone

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 9371648
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

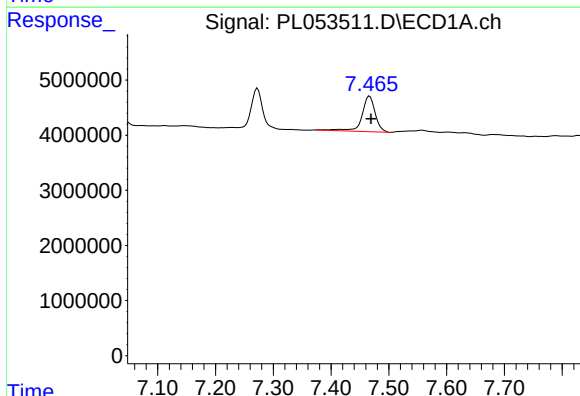
Manual Integrations
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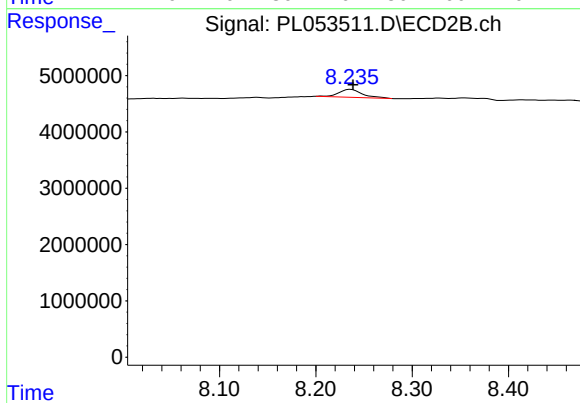
#21 Endrin ketone

R.T.: 7.780 min
Delta R.T.: -0.003 min
Response: 2599598
Conc: 1.01 ng/ml



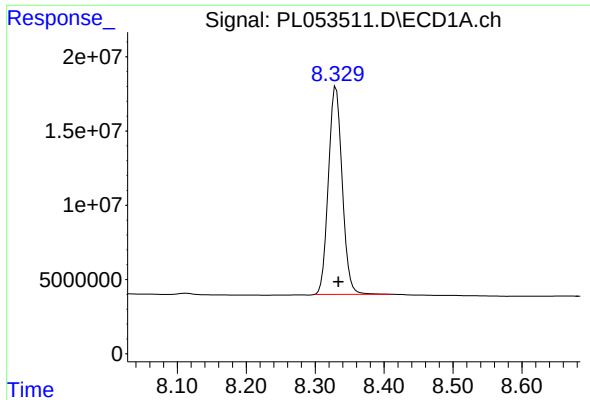
#22 Mirex

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 10227721
Conc: 1.20 ng/ml



#22 Mirex

R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 2341033
Conc: 1.16 ng/ml



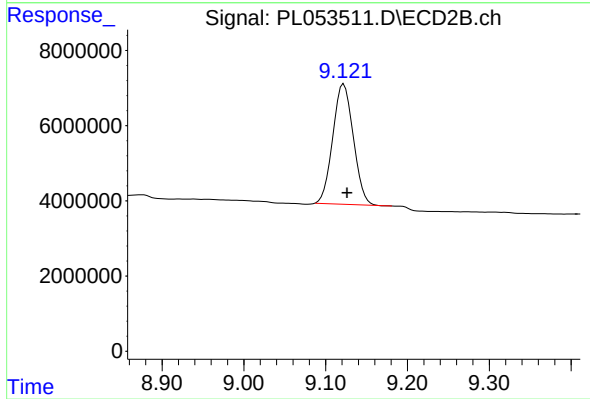
#28 Decachlorobiphenyl

R.T.: 8.330 min
Delta R.T.: -0.004 min
Response: 194479963
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations
APPROVED

Ankita
10/22/2019 12:23:52 PM



#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: -0.004 min
Response: 55584785
Conc: 19.74 ng/ml