

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102319\
 Data File : PL053591.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2019 10:09
 Operator : SG\AJ
 Sample : K5111-09
 Misc : (Sig #1); PSTD WATER MDL 1PPB (Sig #2)
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 22:33:57 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...	3.547	4.045	208.1E6	48403145	19.198	19.343
2)	SA Decachlor...	8.336	9.127	172.2E6	50987805	17.548	18.106
Target Compounds							
2)	A alpha-BHC	3.990	4.436	17041801	2774814	0.977	0.803
3)	MA gamma-BHC...	4.278	4.722	12060320	2447409	0.774	0.760
4)	MA Heptachlor	4.585	5.232	11928665	2873099	0.756	0.892
5)	MB Aldrin	4.837	5.538	10602151	2450729	0.742	0.822
6)	B beta-BHC	4.528	4.898	6271954	5901579	0.952	3.821 #
7)	B delta-BHC	4.737	5.110	8880972	1624199	0.583	0.538
8)	B Heptachlo...	5.283	5.924	10181349	4025021	0.754	1.380m#
9)	A Endosulfan I	5.624	6.281	11100407	2272318	0.903m	0.838
10)	B gamma-Chl...	5.510	6.158	9876133	2166451	0.724m	0.742
11)	B alpha-Chl...	5.569	6.231	9954166	2454927	0.748m	0.841
12)	B 4,4'-DDE	5.733	6.386	10068011	2308048	0.847	0.820m
13)	MA Dieldrin	5.870	6.538	9025738	2333497	0.693	0.818
14)	MA Endrin	6.128	6.756	12644593	1837955	1.091	0.757 #
15)	B Endosulfa...	6.402	6.966	9888621	4864653	0.884	1.904 #
16)	A 4,4'-DDD	6.250	6.876	7387837	2092499	0.830m	1.004m
17)	MA 4,4'-DDT	6.494	7.175	6071778	2325671	0.613	1.006m#
18)	B Endrin al...	6.570	7.089	7563190	2758793	0.825	1.256m#
19)	B Endosulfa...	6.783	7.313	8031315	2735750	0.790	1.115 #
20)	A Methoxychlor	7.040	7.636	4128555	1014584	0.837	0.781
21)	B Endrin ke...	7.278	7.783	8428749	2076349	0.783	0.805
22)	Mirex	7.471	8.240	9008038	1231347	1.053	0.609 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102319\
Data File : PL053591.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2019 10:09
Operator : SG\AJ
Sample : K5111-09
Misc : (Sig #1); PSTD WATER MDL 1PPB (Sig #2)
ALS Vial : 5 Sample Multiplier: 1

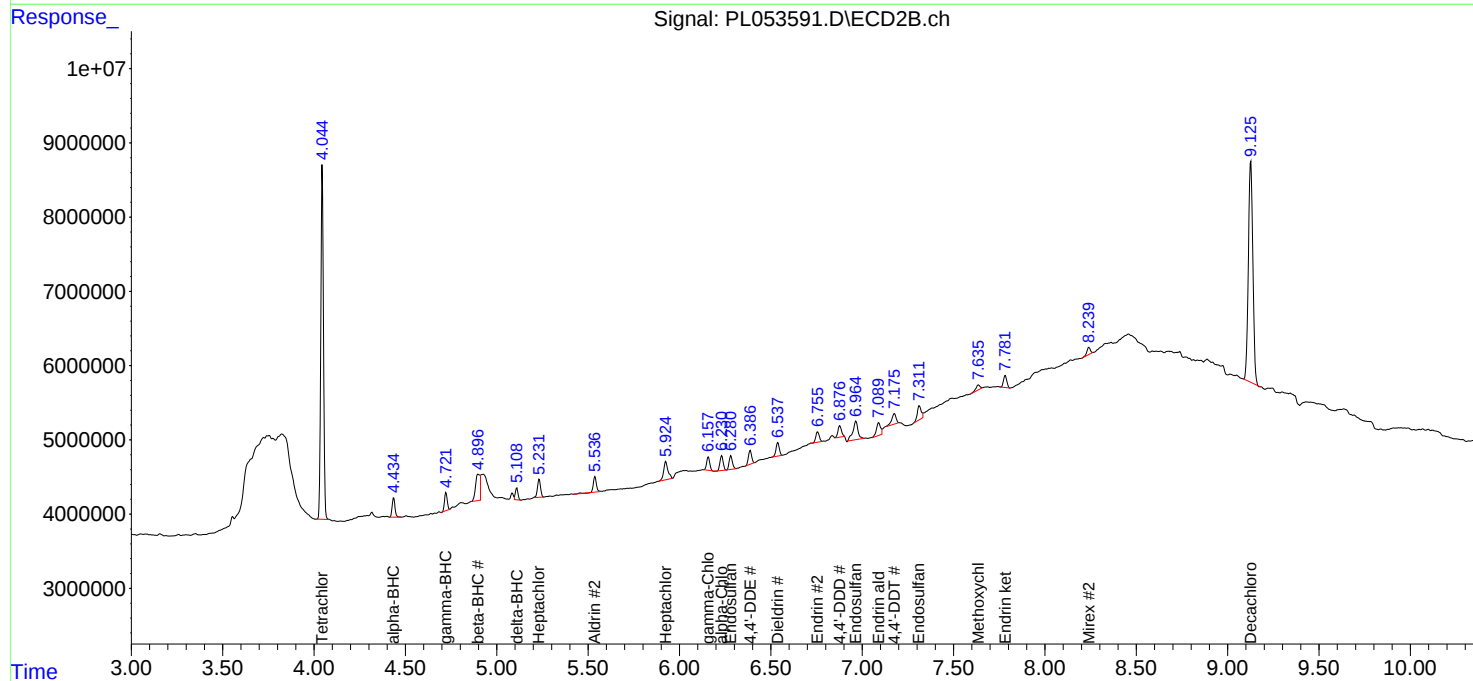
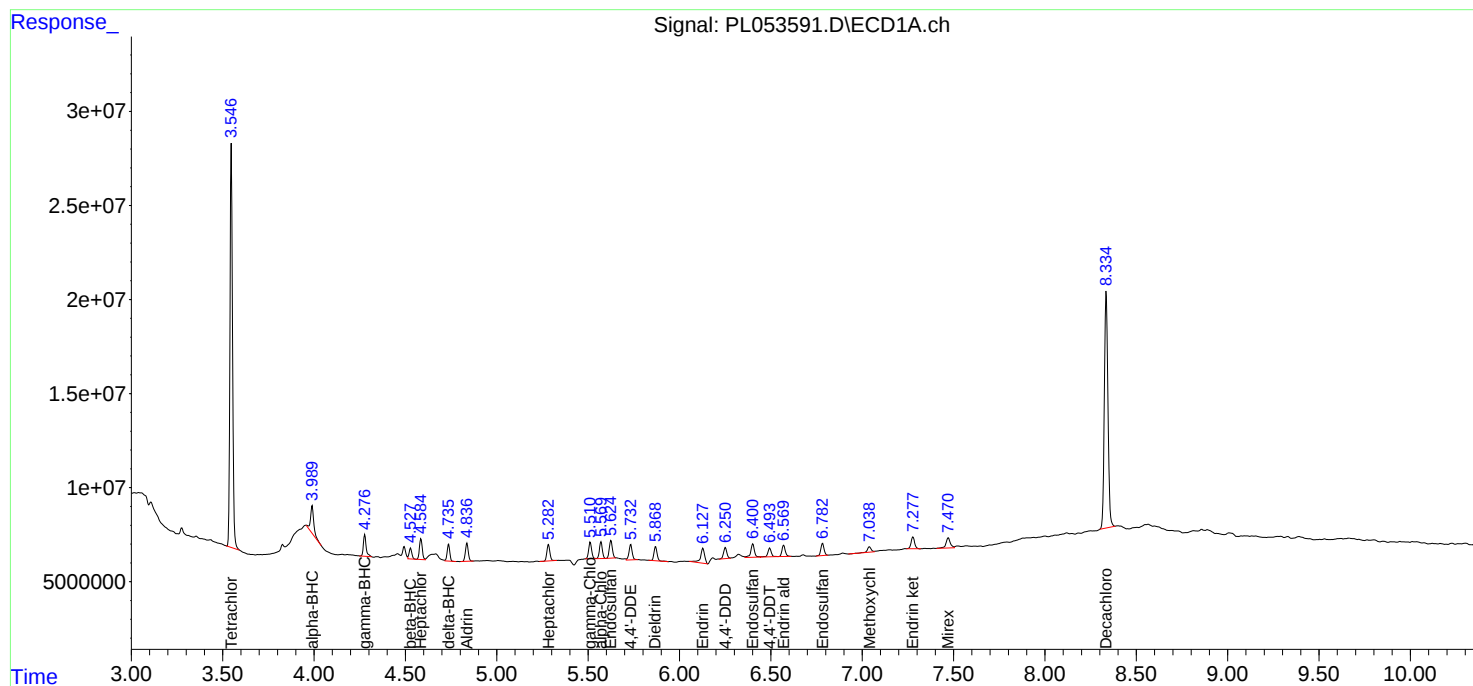
Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

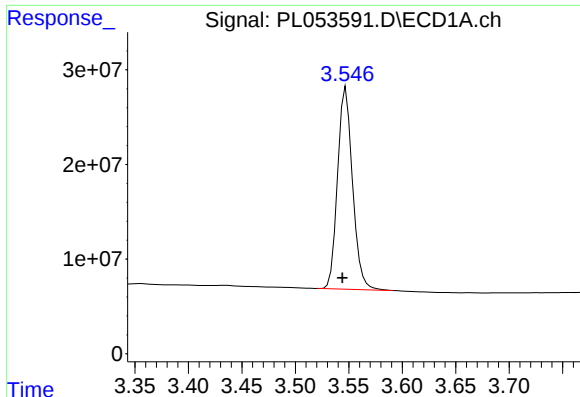
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 22:33:57 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response via : Initial Calibration
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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





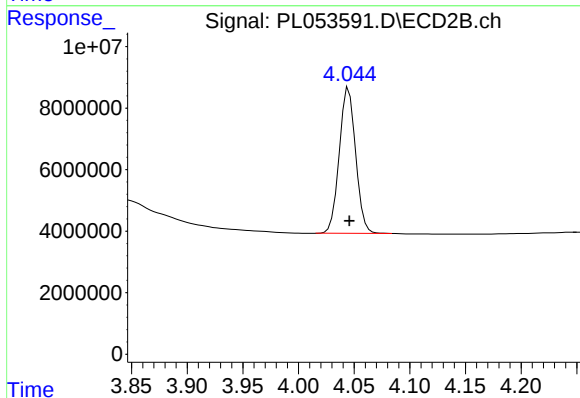
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.003 min
Response: 208095169
Conc: 19.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

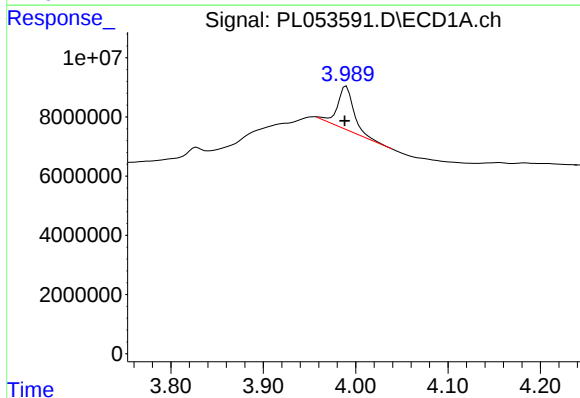
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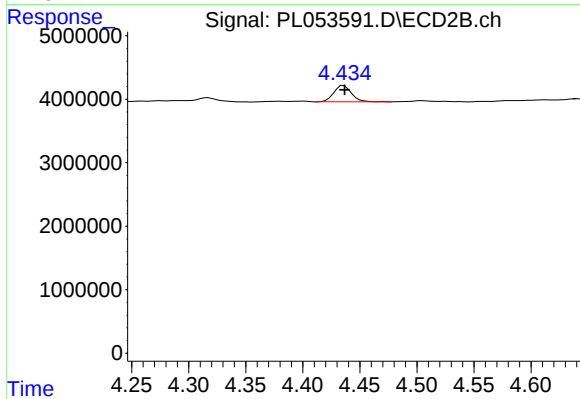
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 48403145
Conc: 19.34 ng/ml



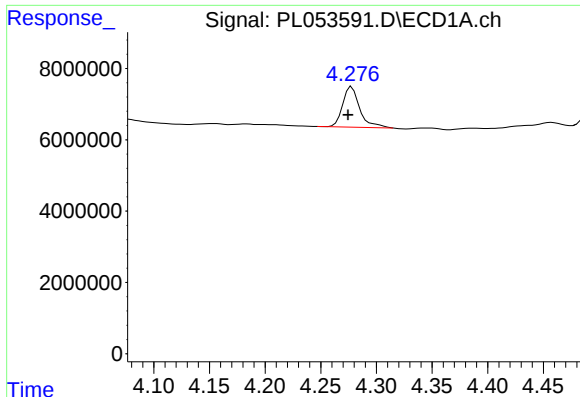
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: 0.002 min
Response: 17041801
Conc: 0.98 ng/ml



#2 alpha-BHC

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 2774814
Conc: 0.80 ng/ml



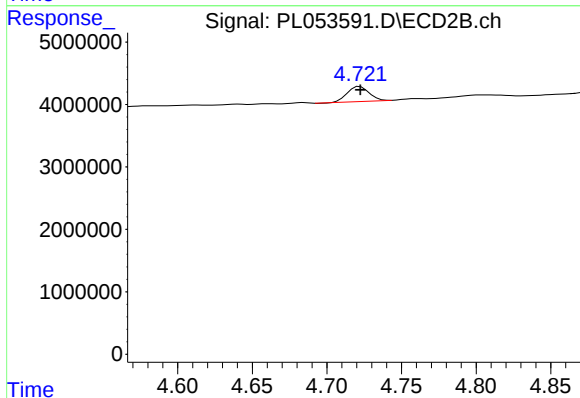
#3 gamma-BHC (Lindane)

R.T.: 4.278 min
Delta R.T.: 0.003 min
Response: 12060320
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

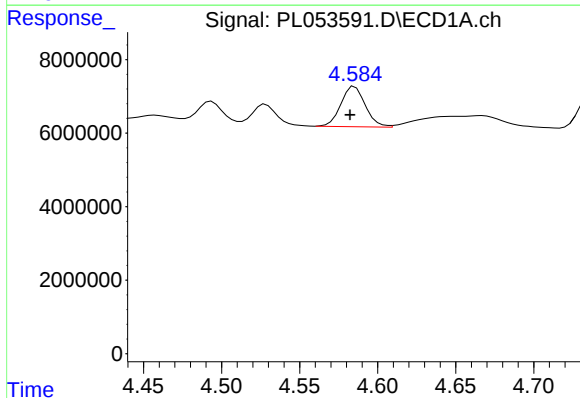
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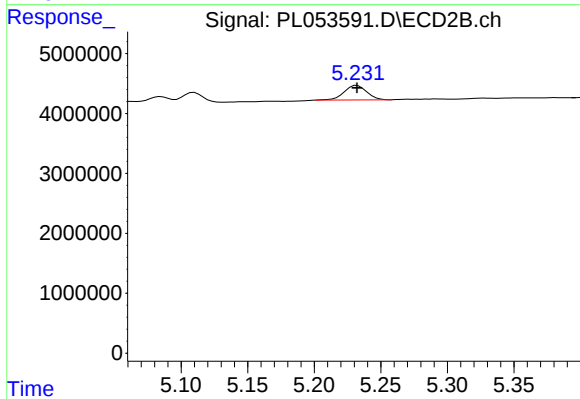
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 2447409
Conc: 0.76 ng/ml



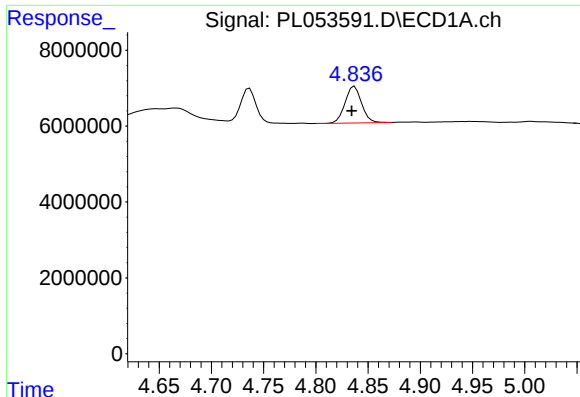
#4 Heptachlor

R.T.: 4.585 min
Delta R.T.: 0.003 min
Response: 11928665
Conc: 0.76 ng/ml



#4 Heptachlor

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 2873099
Conc: 0.89 ng/ml



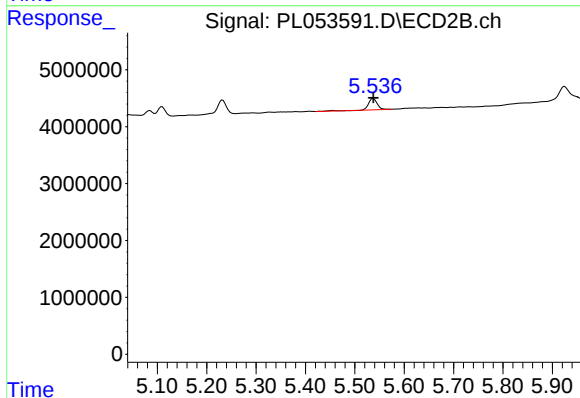
#5 Aldrin

R.T.: 4.837 min
Delta R.T.: 0.003 min
Response: 10602151
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

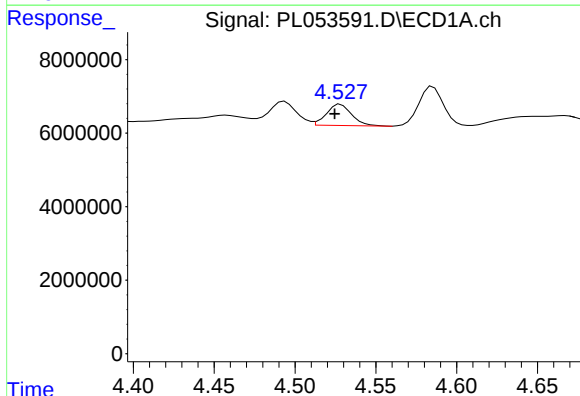
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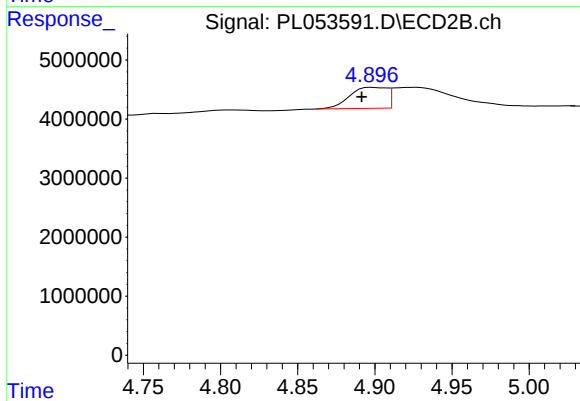
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 2450729
Conc: 0.82 ng/ml



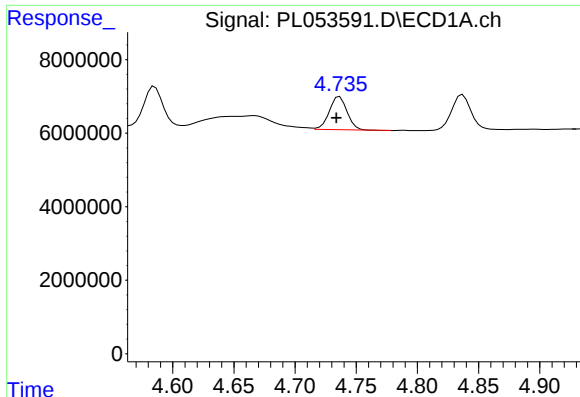
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.004 min
Response: 6271954
Conc: 0.95 ng/ml



#6 beta-BHC

R.T.: 4.898 min
Delta R.T.: 0.006 min
Response: 5901579
Conc: 3.82 ng/ml



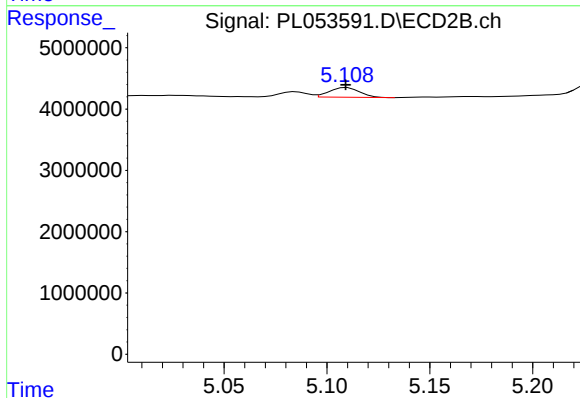
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: 0.003 min
Response: 8880972
Conc: 0.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

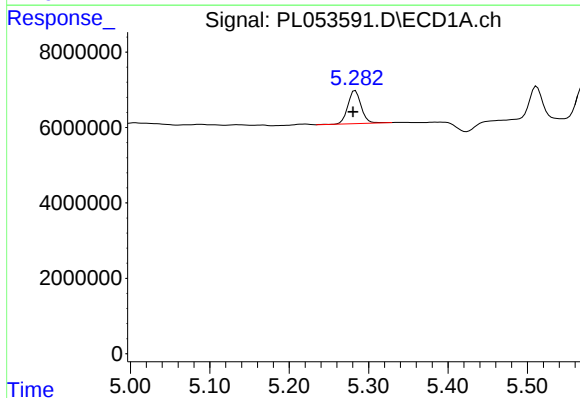
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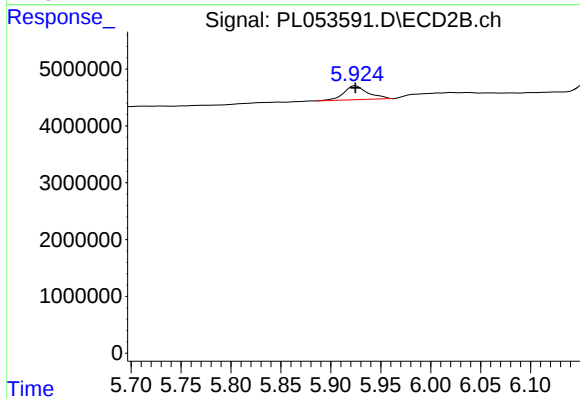
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 1624199
Conc: 0.54 ng/ml



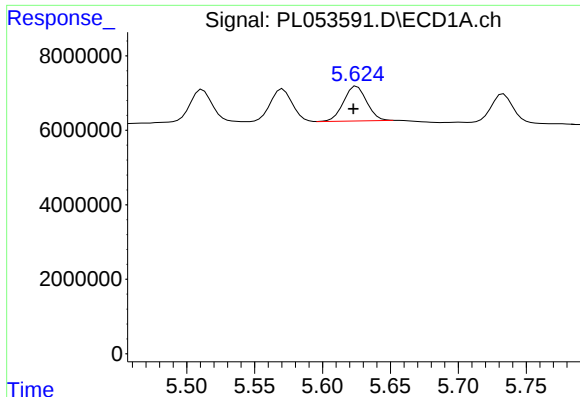
#8 Heptachlor epoxide

R.T.: 5.283 min
Delta R.T.: 0.003 min
Response: 10181349
Conc: 0.75 ng/ml



#8 Heptachlor epoxide

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 4025021
Conc: 1.38 ng/ml m



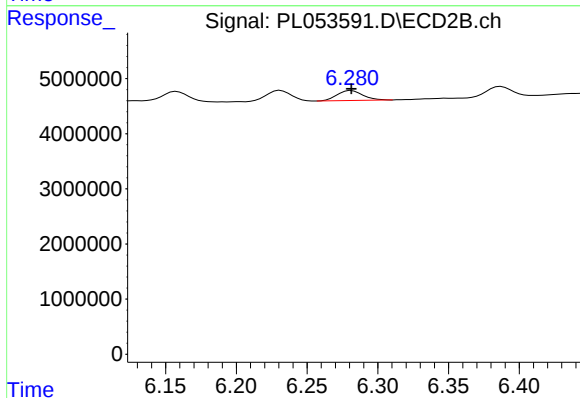
#9 Endosulfan I

R.T.: 5.624 min
Delta R.T.: 0.001 min
Response: 11100407
Conc: 0.90 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

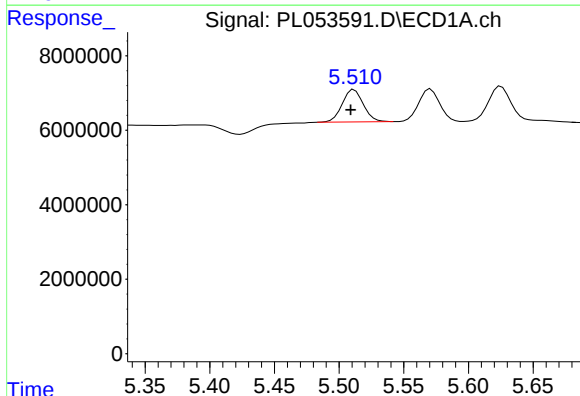
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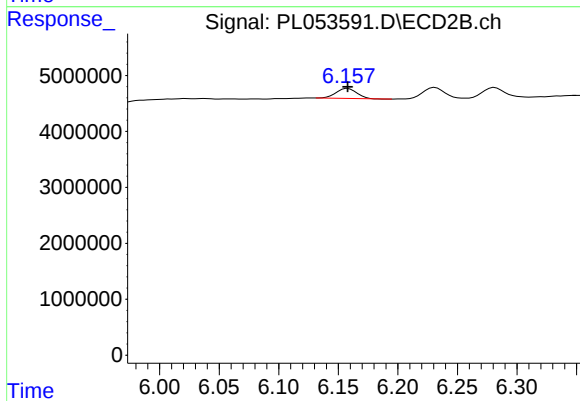
#9 Endosulfan I

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 2272318
Conc: 0.84 ng/ml



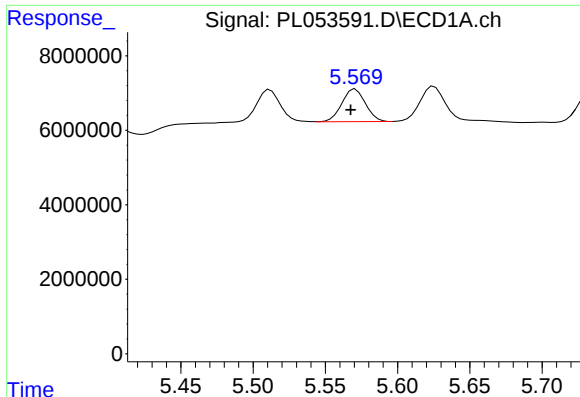
#10 gamma-Chlordane

R.T.: 5.510 min
Delta R.T.: 0.001 min
Response: 9876133
Conc: 0.72 ng/ml m



#10 gamma-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 2166451
Conc: 0.74 ng/ml



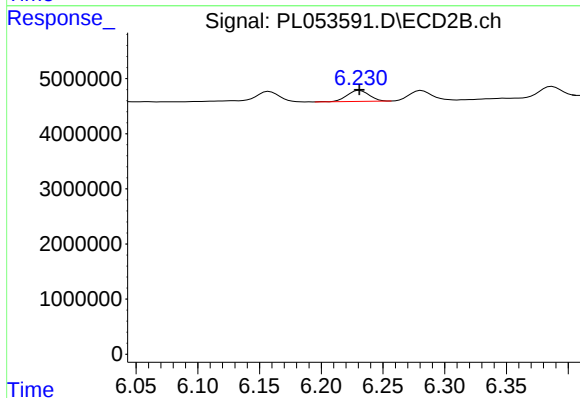
#11 alpha-Chlordane

R.T.: 5.569 min
Delta R.T.: 0.002 min
Response: 9954166
Conc: 0.75 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

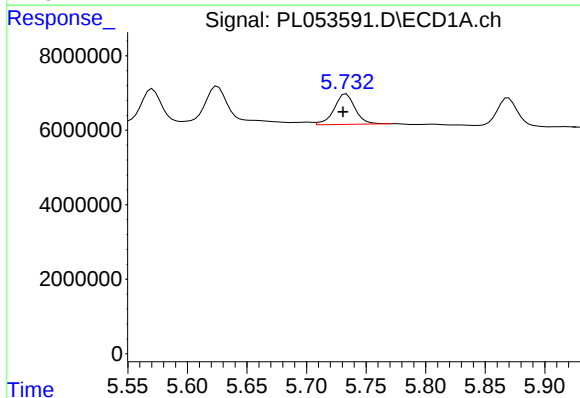
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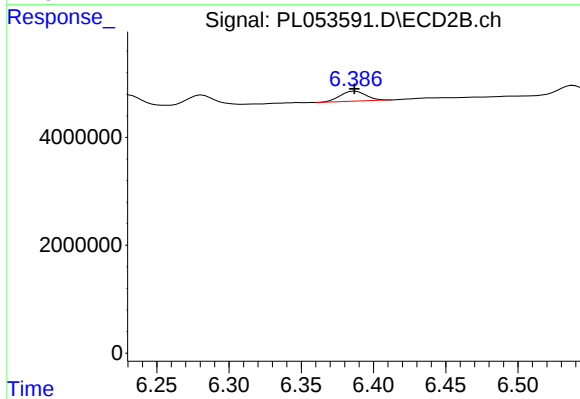
#11 alpha-Chlordane

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 2454927
Conc: 0.84 ng/ml



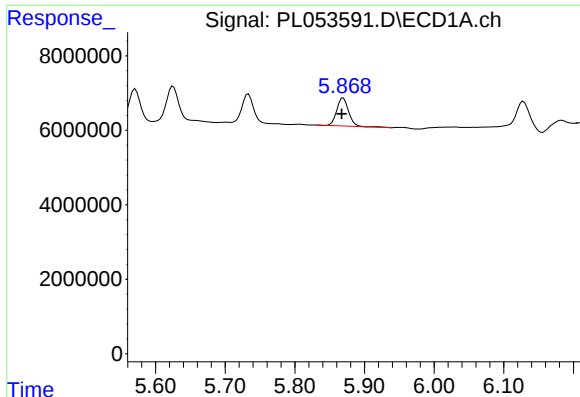
#12 4,4'-DDE

R.T.: 5.733 min
Delta R.T.: 0.003 min
Response: 10068011
Conc: 0.85 ng/ml



#12 4,4'-DDE

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 2308048
Conc: 0.82 ng/ml m



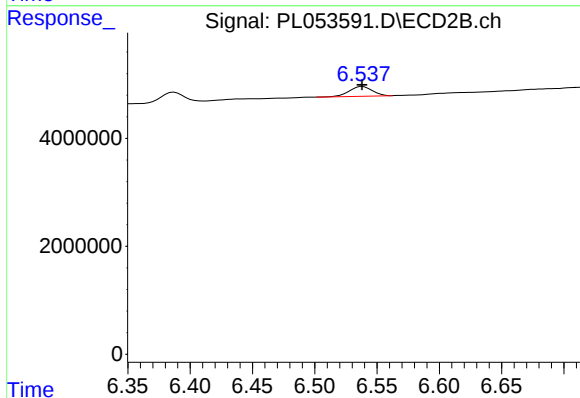
#13 Dieldrin

R.T.: 5.870 min
Delta R.T.: 0.002 min
Response: 9025738
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

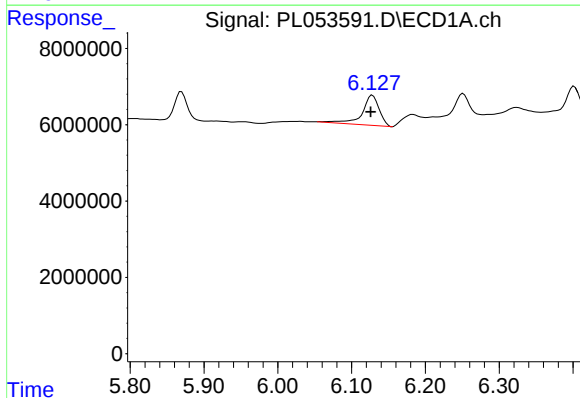
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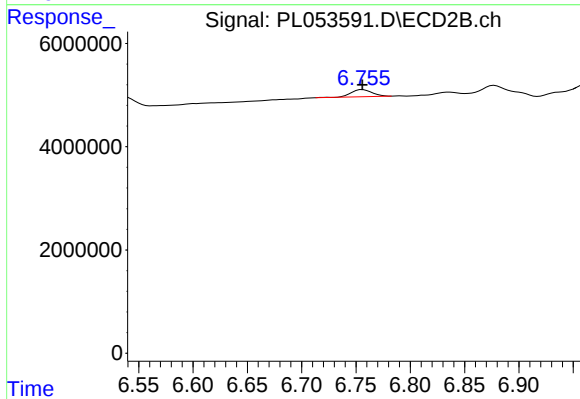
#13 Dieldrin

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 2333497
Conc: 0.82 ng/ml



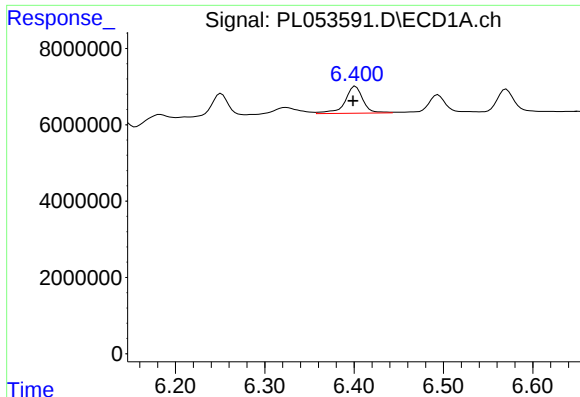
#14 Endrin

R.T.: 6.128 min
Delta R.T.: 0.002 min
Response: 12644593
Conc: 1.09 ng/ml



#14 Endrin

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 1837955
Conc: 0.76 ng/ml



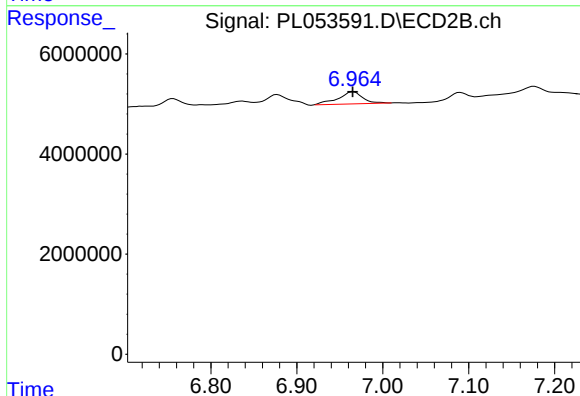
#15 Endosulfan II

R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 9888621
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

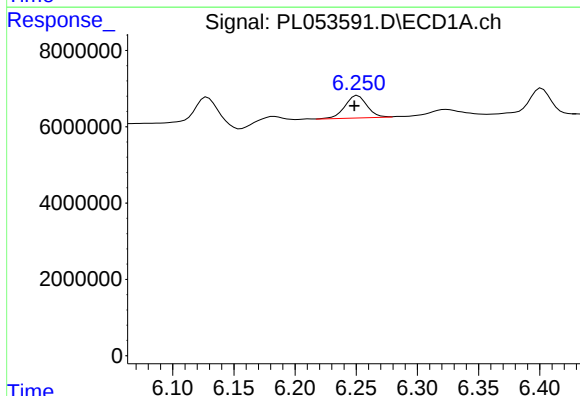
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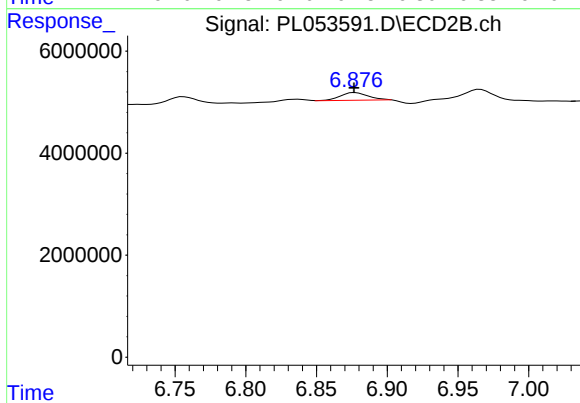
#15 Endosulfan II

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 4864653
Conc: 1.90 ng/ml



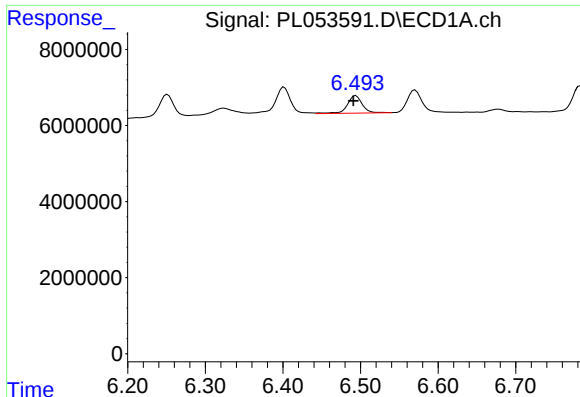
#16 4,4'-DDD

R.T.: 6.250 min
Delta R.T.: 0.001 min
Response: 7387837
Conc: 0.83 ng/ml m



#16 4,4'-DDD

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 2092499
Conc: 1.00 ng/ml m



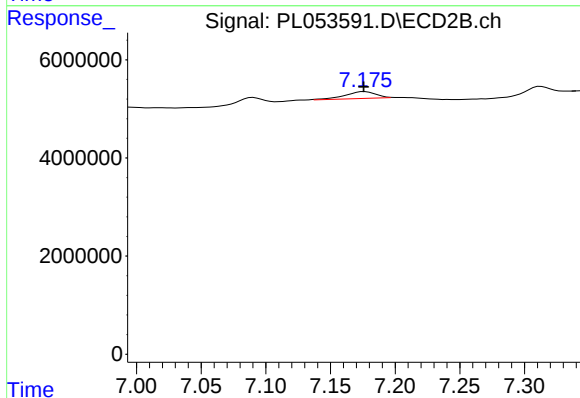
#17 4,4'-DDT

R.T.: 6.494 min
Delta R.T.: 0.003 min
Response: 6071778
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

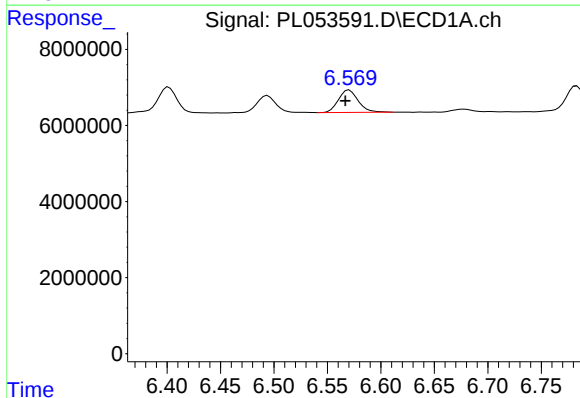
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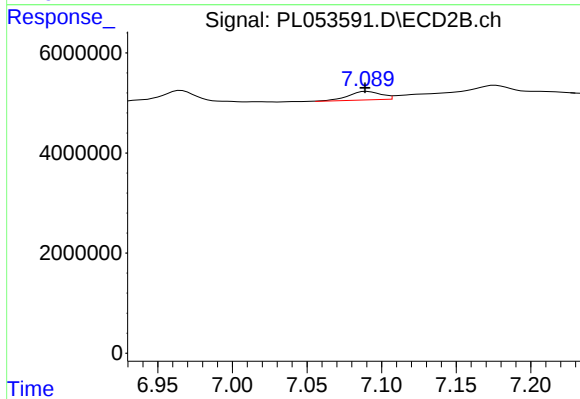
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 2325671
Conc: 1.01 ng/ml m



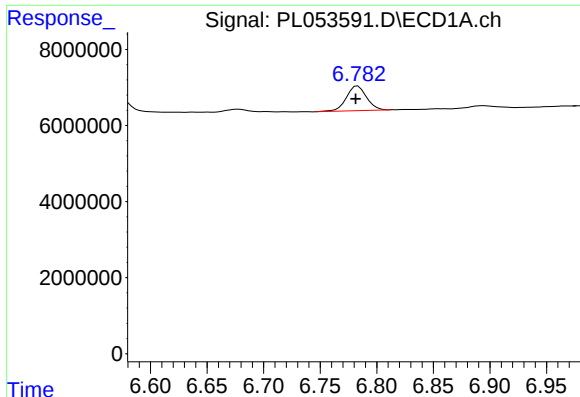
#18 Endrin aldehyde

R.T.: 6.570 min
Delta R.T.: 0.003 min
Response: 7563190
Conc: 0.82 ng/ml



#18 Endrin aldehyde

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 2758793
Conc: 1.26 ng/ml m



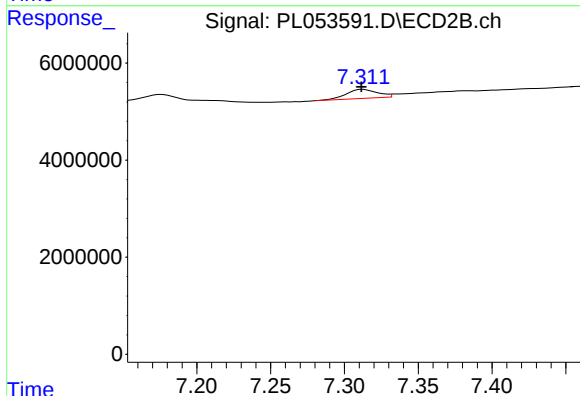
#19 Endosulfan Sulfate

R.T.: 6.783 min
Delta R.T.: 0.002 min
Response: 8031315
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

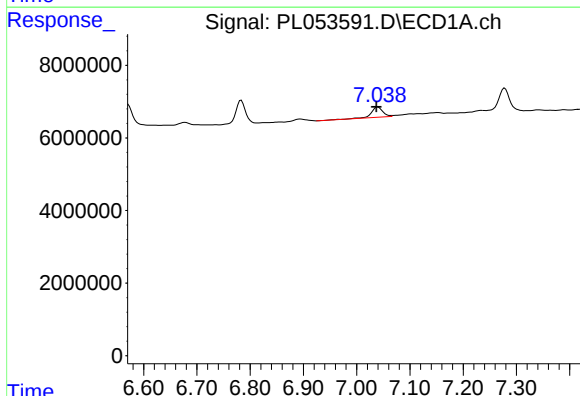
Manual Integrations
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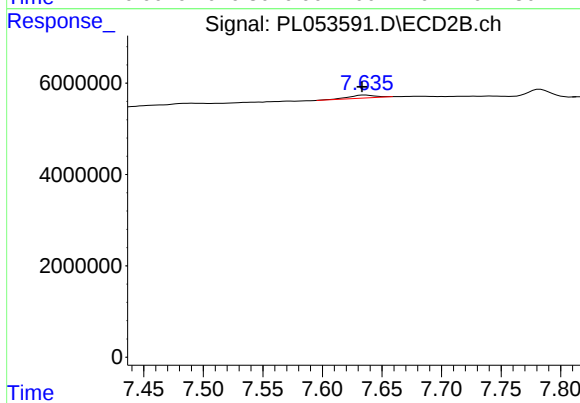
#19 Endosulfan Sulfate

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 2735750
Conc: 1.11 ng/ml



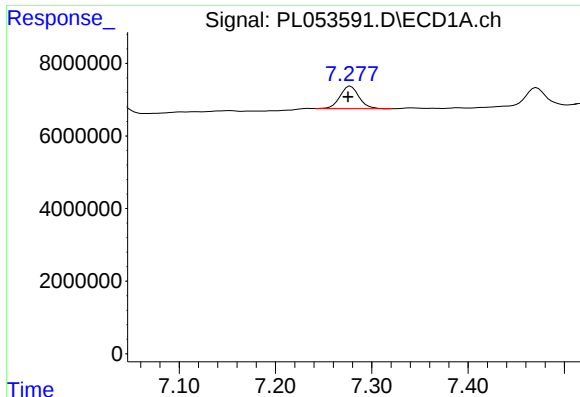
#20 Methoxychlor

R.T.: 7.040 min
Delta R.T.: 0.003 min
Response: 4128555
Conc: 0.84 ng/ml



#20 Methoxychlor

R.T.: 7.636 min
Delta R.T.: 0.003 min
Response: 1014584
Conc: 0.78 ng/ml



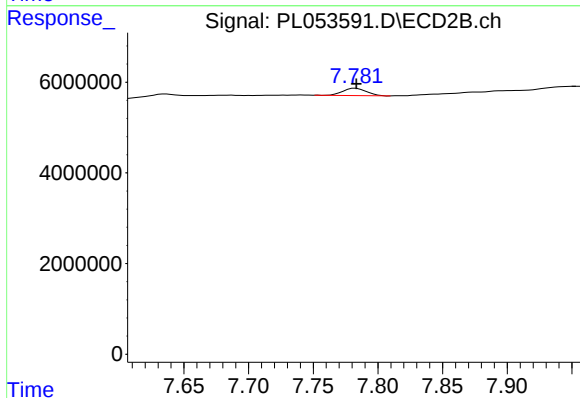
#21 Endrin ketone

R.T.: 7.278 min
Delta R.T.: 0.003 min
Response: 8428749
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

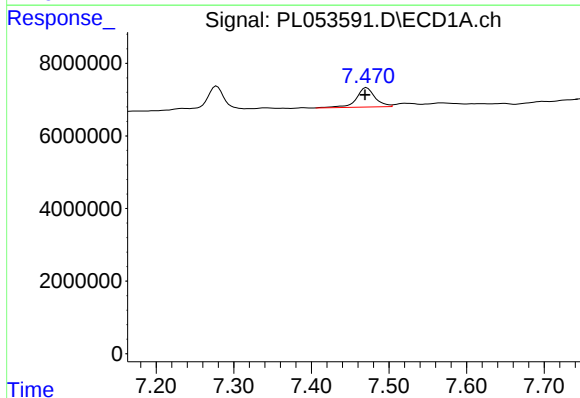
Manual Integrations
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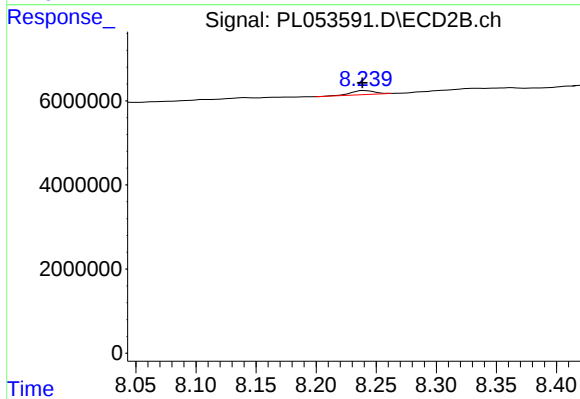
#21 Endrin ketone

R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: 2076349
Conc: 0.81 ng/ml



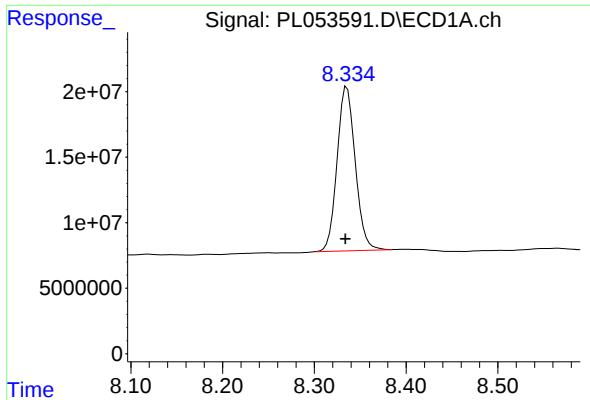
#22 Mirex

R.T.: 7.471 min
Delta R.T.: 0.002 min
Response: 9008038
Conc: 1.05 ng/ml



#22 Mirex

R.T.: 8.240 min
Delta R.T.: 0.002 min
Response: 1231347
Conc: 0.61 ng/ml



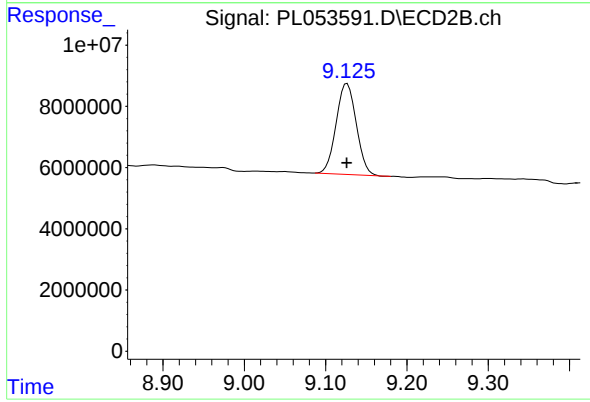
#28 Decachlorobiphenyl

R.T.: 8.336 min
Delta R.T.: 0.002 min
Response: 172173918
Conc: 17.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 50987805
Conc: 18.11 ng/ml