

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012120\
 Data File : PL055935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 13:28
 Operator : AJ\MA
 Sample : L1161-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:15:38 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	154.4E6	49025366	16.115	17.346
28)	SA Decachlor...	8.233	8.952	182.1E6	41551076	17.413	18.137
Target Compounds							
2)	A alpha-BHC	3.926	4.349	20246760	3143723	1.220	0.741 #
3)	MA gamma-BHC...	4.210	4.629	10140553	3314540	0.668	0.836 #
4)	MA Heptachlor	4.511	5.128	12407776	2994168	0.831	0.885
5)	MB Aldrin	4.759	5.428	11680368	3274060	0.798	0.955
6)	B beta-BHC	4.459	4.798	8029524	2158440	1.251	1.360
7)	B delta-BHC	4.663	5.010	9121741	1156336	0.622	0.387m#
8)	B Heptachlo...	5.200	5.808	11708538	2657762	0.849m	0.889
9)	A Endosulfan I	5.539	6.161	12081671	2758211	0.931	0.947
10)	B gamma-Chl...	5.426	6.040	11764996	3310930	0.839m	1.074 #
11)	B alpha-Chl...	5.485	6.111	13317672	3038310	0.963	0.984
12)	B 4,4'-DDE	5.648	6.266	10095442	2581224	0.773	0.881
13)	MA Dieldrin	5.781	6.415	11331958	2784784	0.819m	0.921
14)	MA Endrin	6.039	6.631	11587716	1880764	0.917	0.742
15)	B Endosulfa...	6.310	6.839	8371927	2897301	0.750	1.080 #
16)	A 4,4'-DDD	6.164	6.750	8554594	1937283	0.859	0.840m
17)	MA 4,4'-DDT	6.402	7.046	5563676	1666130	0.550m	0.738 #
18)	B Endrin al...	6.478	6.960	8631200	2073115	0.831	0.918
19)	B Endosulfa...	6.690	7.181	10641000	2402065	0.984m	0.970
20)	A Methoxychlor	6.945	7.499	3328482	1012749	0.638	0.849m#
21)	B Endrin ke...	7.180	7.648	10047178	2551011	0.798m	0.966
22)	Mirex	7.370	8.095	2200710	1640760	0.313m	0.899m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012120\
Data File : PL055935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2020 13:28
Operator : AJ\MA
Sample : L1161-07
Misc : PEST LOD 1 PPB
ALS Vial : 7 Sample Multiplier: 1

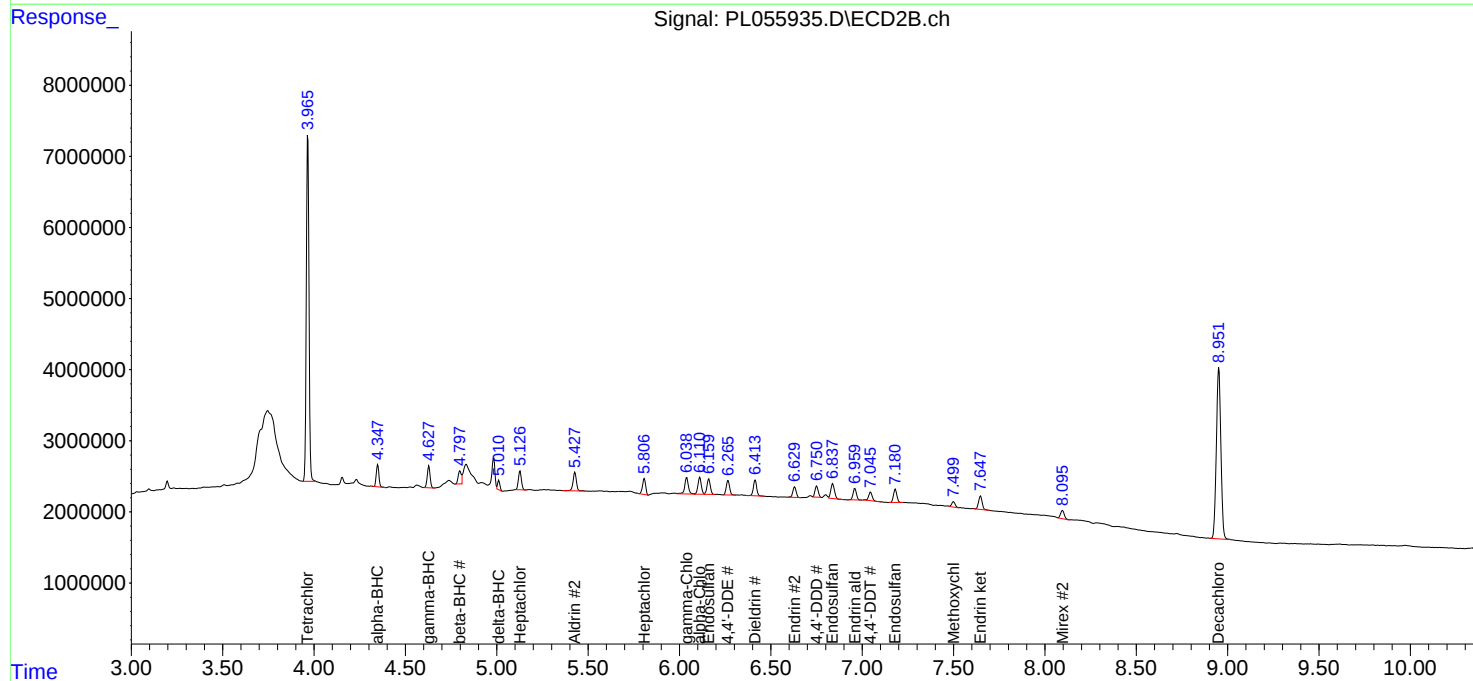
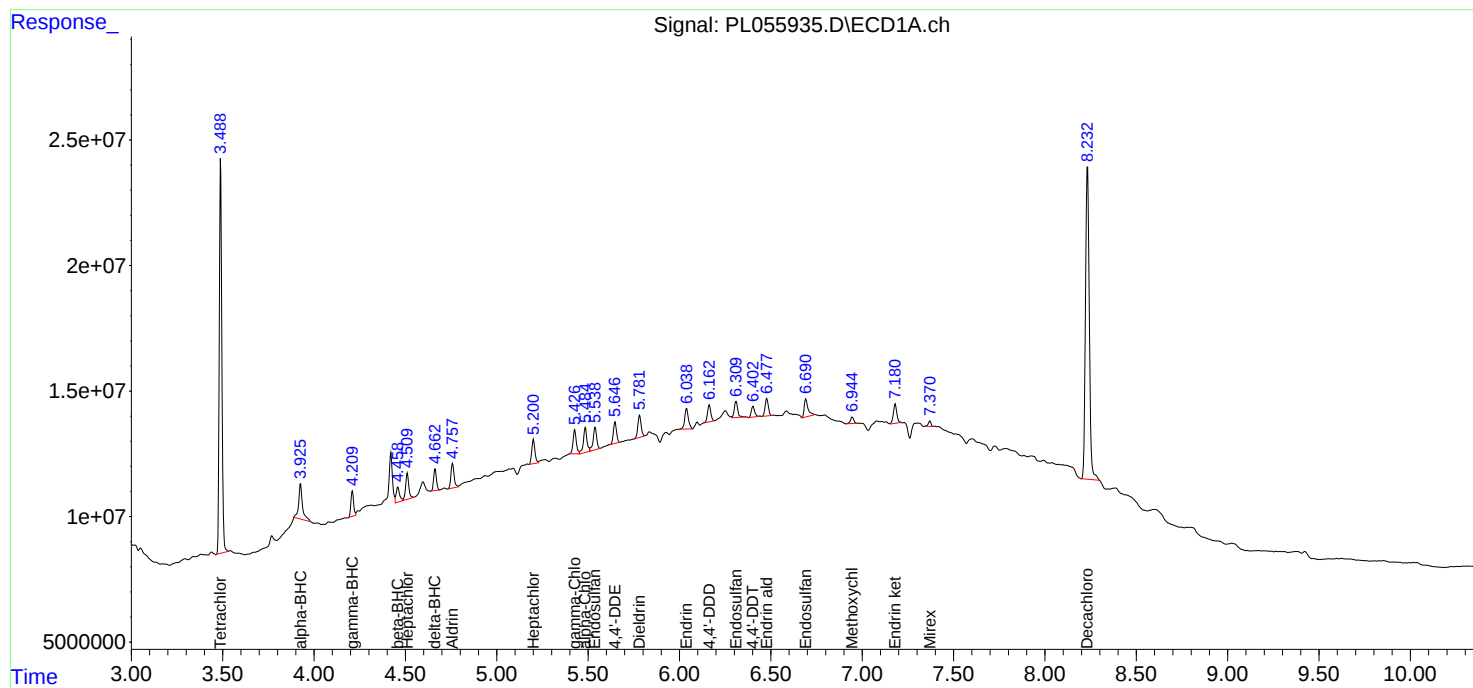
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

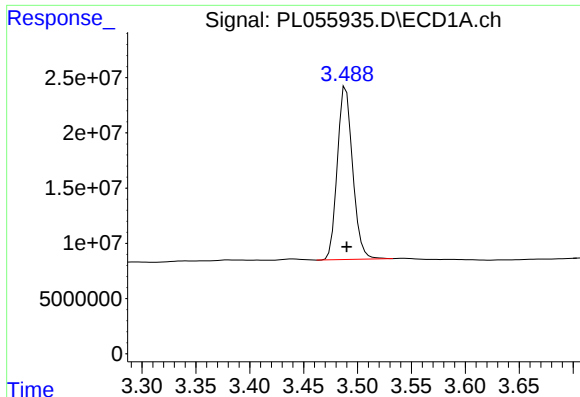
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 01:15:38 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 2020
Response via : Initial Calibration
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





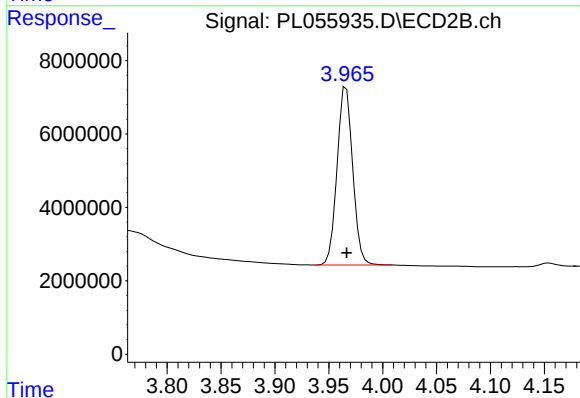
#1 Tetrachloro-m-xylene

R.T.: 3.489 min
Delta R.T.: 0.000 min
Response: 154449563
Conc: 16.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

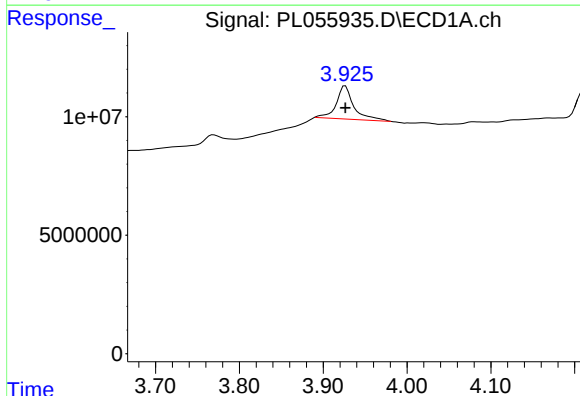
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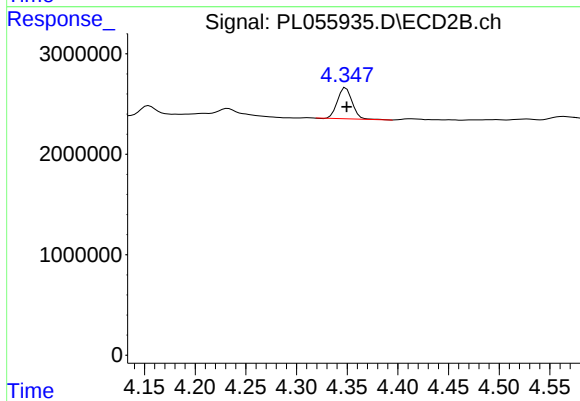
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: 0.000 min
Response: 49025366
Conc: 17.35 ng/ml



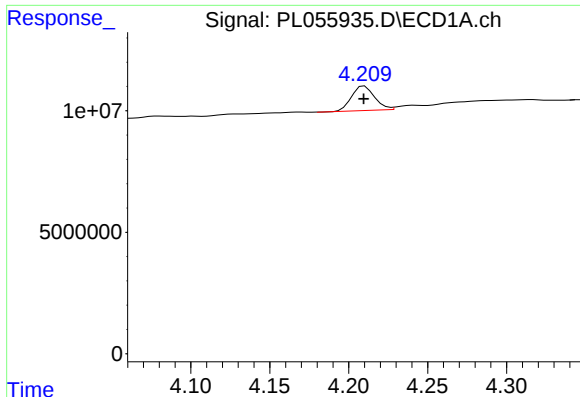
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 20246760
Conc: 1.22 ng/ml



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 3143723
Conc: 0.74 ng/ml



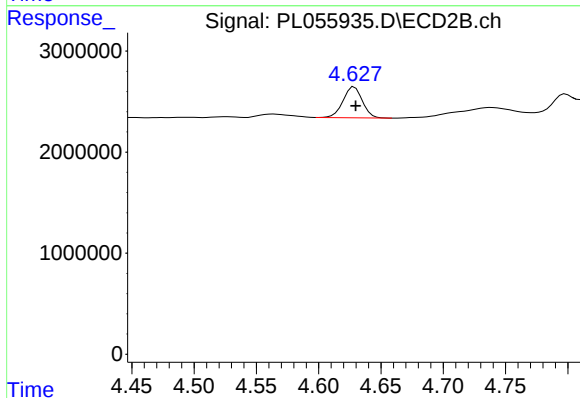
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 10140553
Conc: 0.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

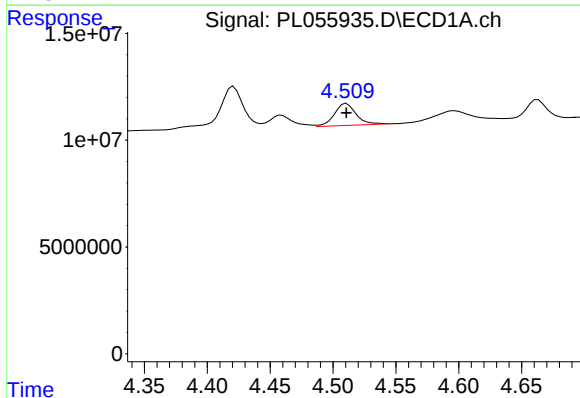
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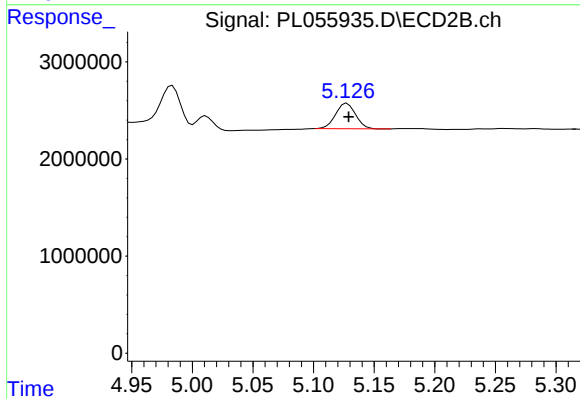
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: -0.001 min
Response: 3314540
Conc: 0.84 ng/ml



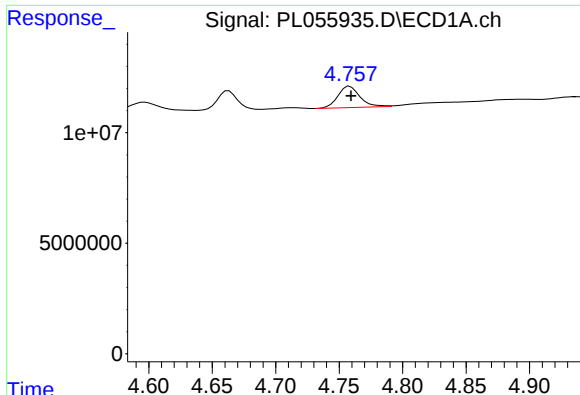
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 12407776
Conc: 0.83 ng/ml



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 2994168
Conc: 0.89 ng/ml



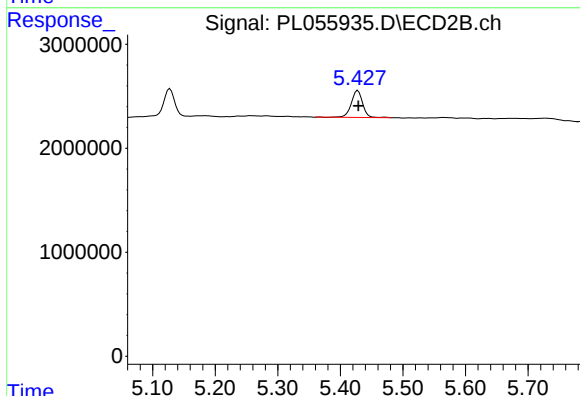
#5 Aldrin

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 11680368
Conc: 0.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

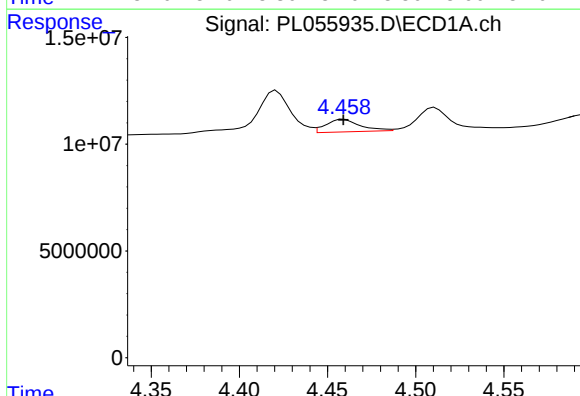
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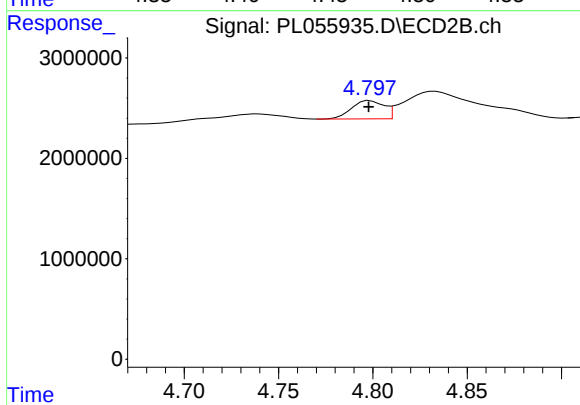
#5 Aldrin

R.T.: 5.428 min
Delta R.T.: -0.001 min
Response: 3274060
Conc: 0.96 ng/ml



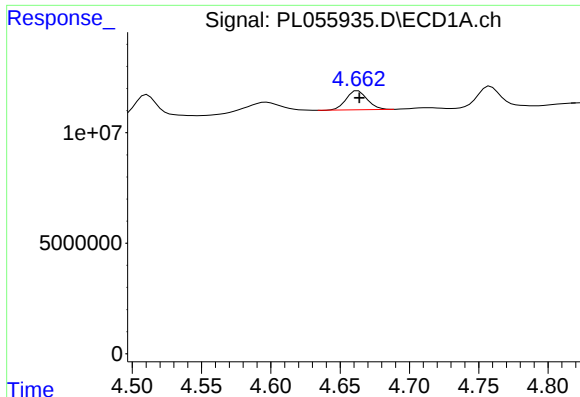
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 8029524
Conc: 1.25 ng/ml



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 2158440
Conc: 1.36 ng/ml



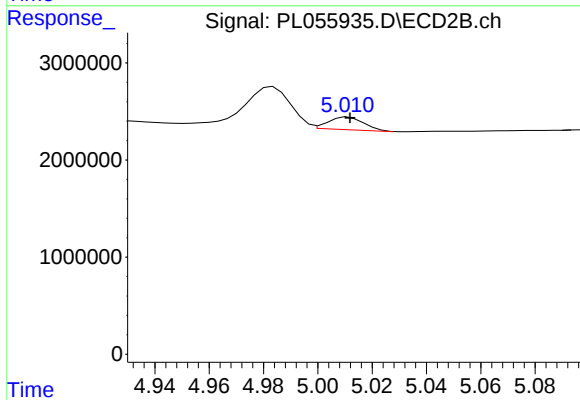
#7 delta-BHC

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 9121741
Conc: 0.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

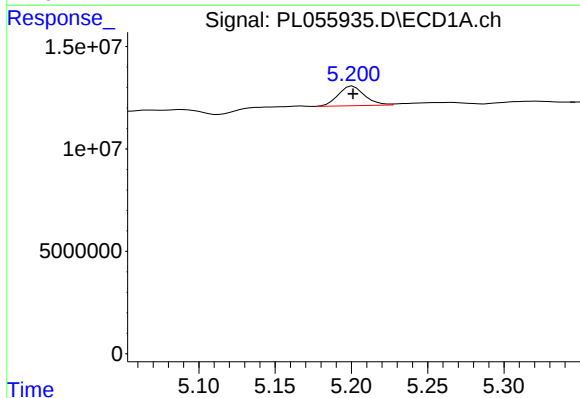
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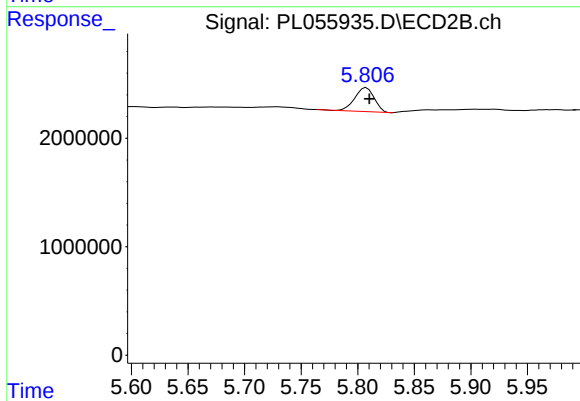
#7 delta-BHC

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 1156336
Conc: 0.39 ng/ml m



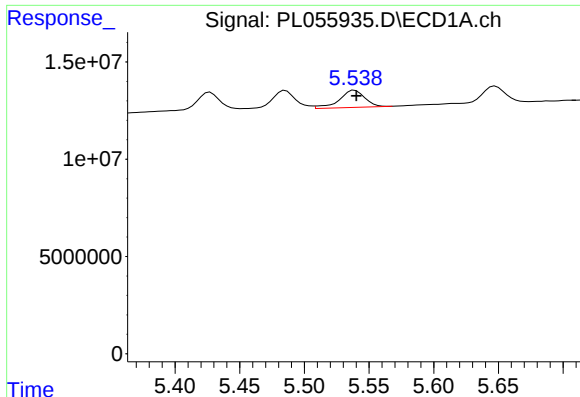
#8 Heptachlor epoxide

R.T.: 5.200 min
Delta R.T.: -0.002 min
Response: 11708538
Conc: 0.85 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 2657762
Conc: 0.89 ng/ml



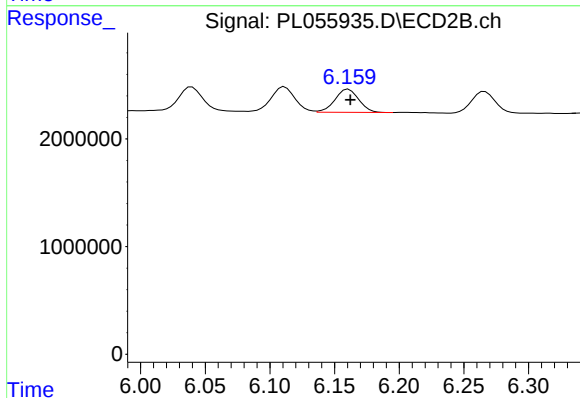
#9 Endosulfan I

R.T.: 5.539 min
Delta R.T.: -0.001 min
Response: 12081671
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

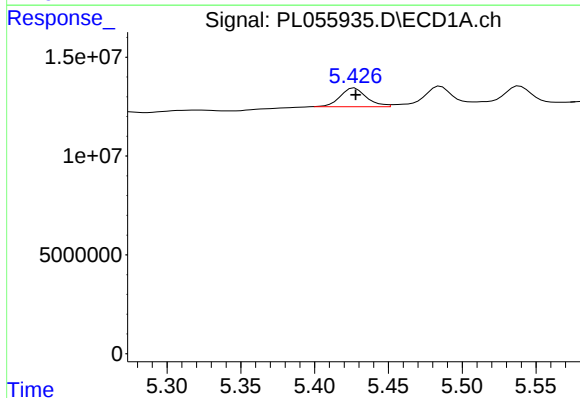
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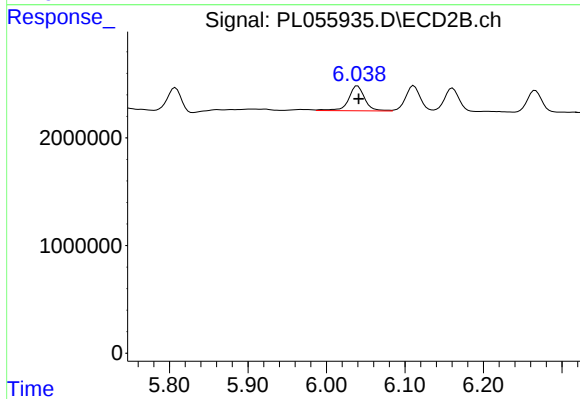
#9 Endosulfan I

R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 2758211
Conc: 0.95 ng/ml



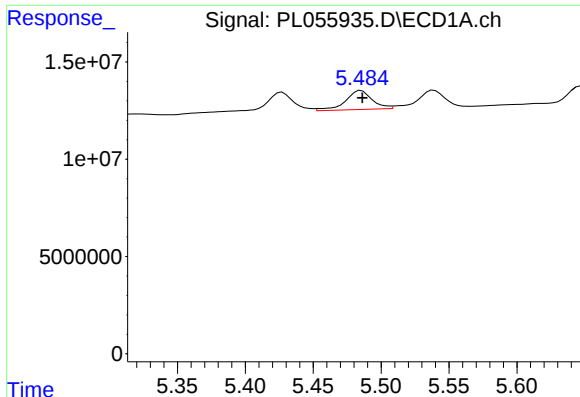
#10 gamma-Chlordane

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 11764996
Conc: 0.84 ng/ml m



#10 gamma-Chlordane

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 3310930
Conc: 1.07 ng/ml



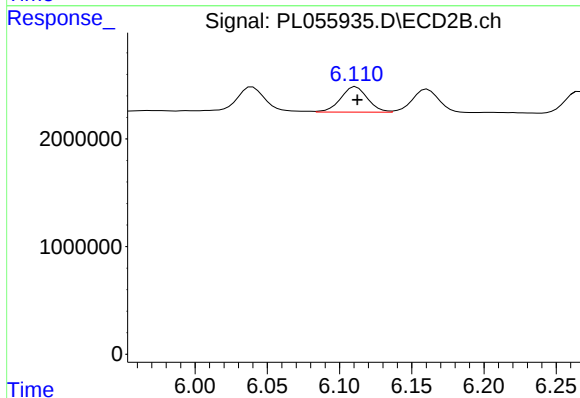
#11 alpha-Chlordane

R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 13317672
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

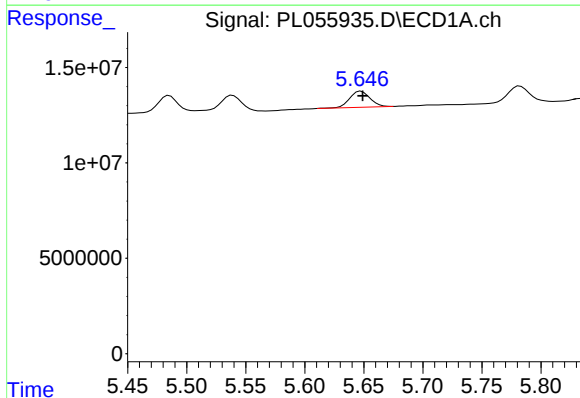
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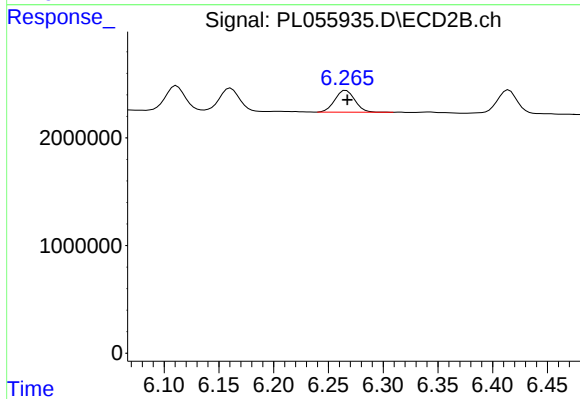
#11 alpha-Chlordane

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 3038310
Conc: 0.98 ng/ml



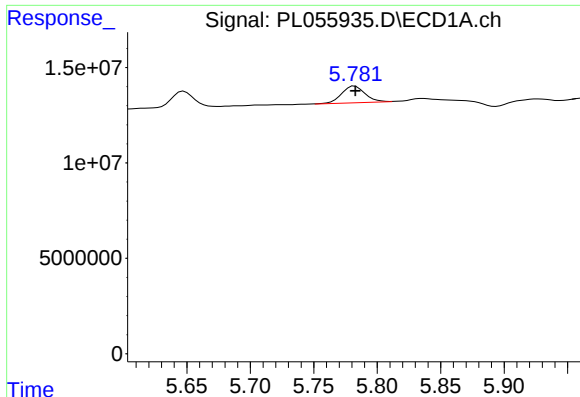
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: -0.001 min
Response: 10095442
Conc: 0.77 ng/ml



#12 4,4'-DDE

R.T.: 6.266 min
Delta R.T.: -0.001 min
Response: 2581224
Conc: 0.88 ng/ml



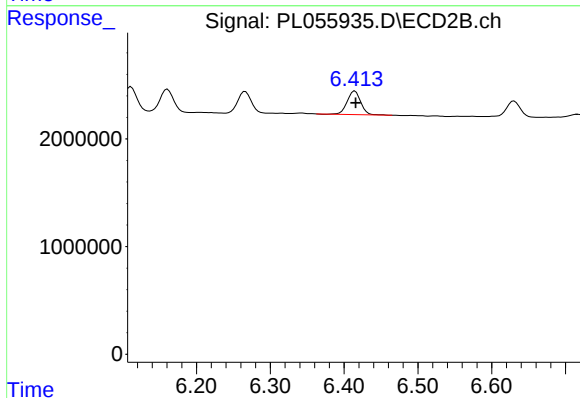
#13 Dieldrin

R.T.: 5.781 min
Delta R.T.: -0.002 min
Response: 11331958
Conc: 0.82 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

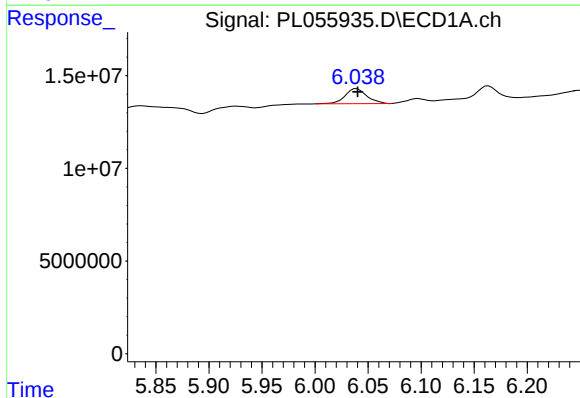
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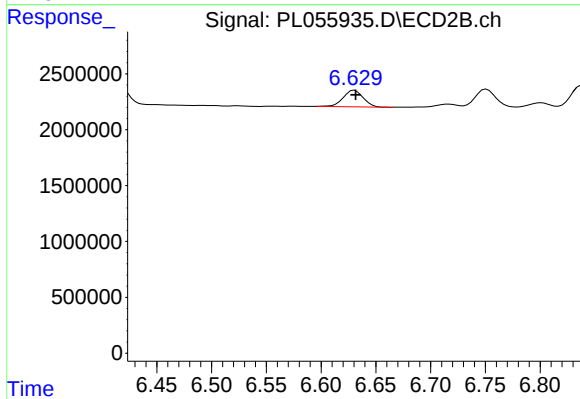
#13 Dieldrin

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 2784784
Conc: 0.92 ng/ml



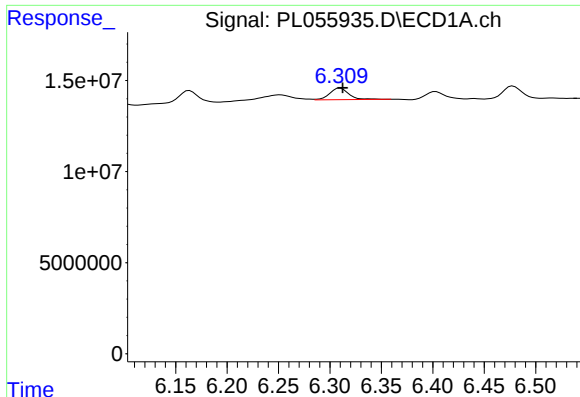
#14 Endrin

R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 11587716
Conc: 0.92 ng/ml



#14 Endrin

R.T.: 6.631 min
Delta R.T.: -0.001 min
Response: 1880764
Conc: 0.74 ng/ml



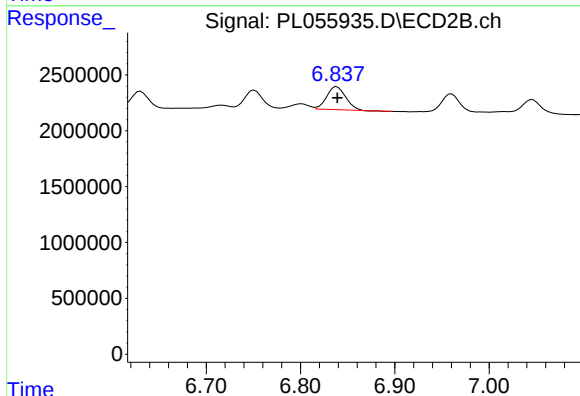
#15 Endosulfan II

R.T.: 6.310 min
Delta R.T.: -0.002 min
Response: 8371927
Conc: 0.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
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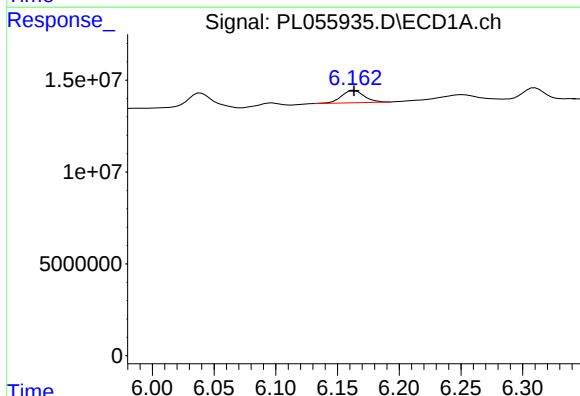
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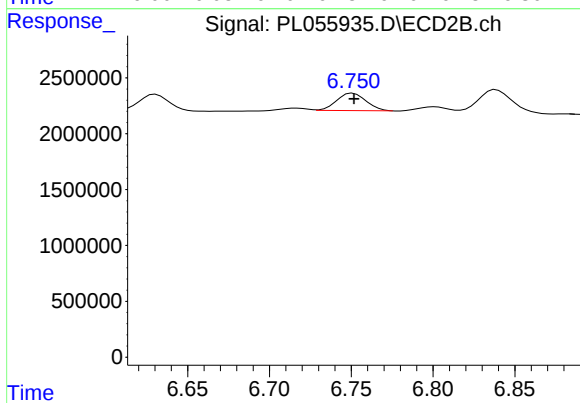
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 2897301
Conc: 1.08 ng/ml



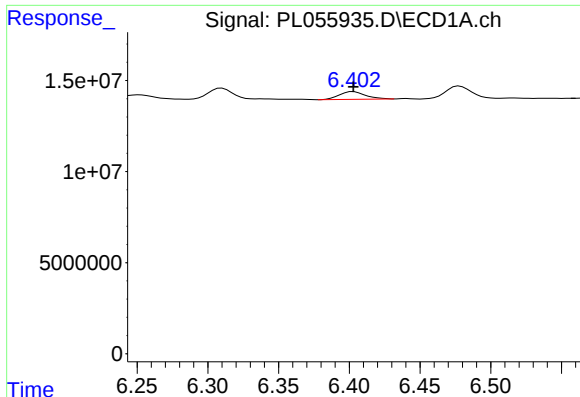
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 8554594
Conc: 0.86 ng/ml



#16 4,4'-DDD

R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 1937283
Conc: 0.84 ng/ml m



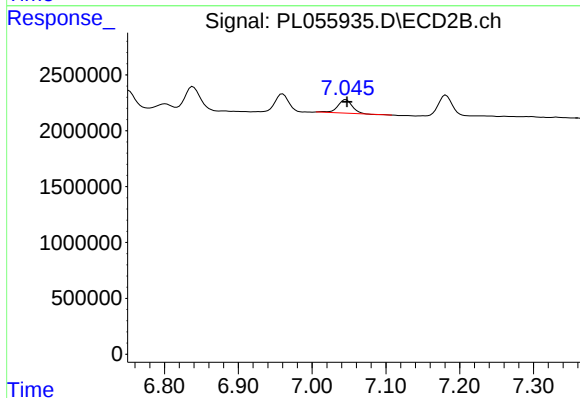
#17 4,4'-DDT

R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 5563676
Conc: 0.55 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

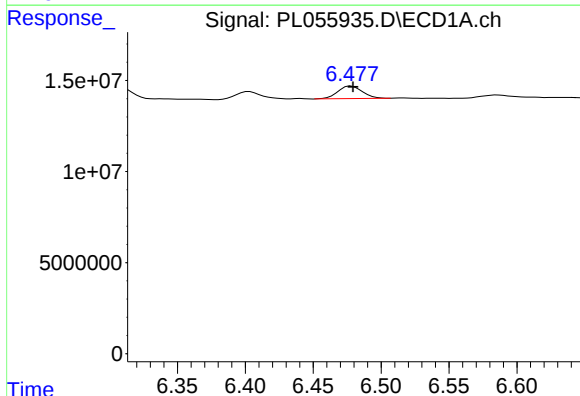
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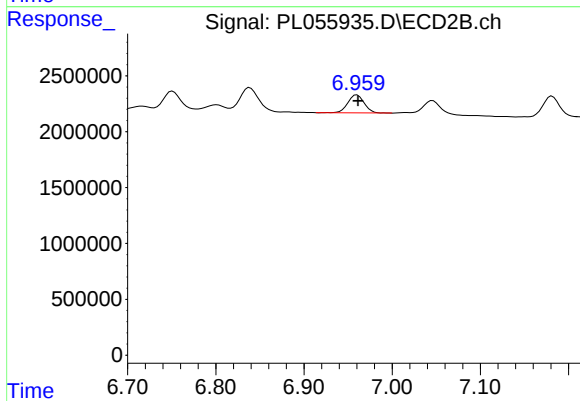
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.002 min
Response: 1666130
Conc: 0.74 ng/ml



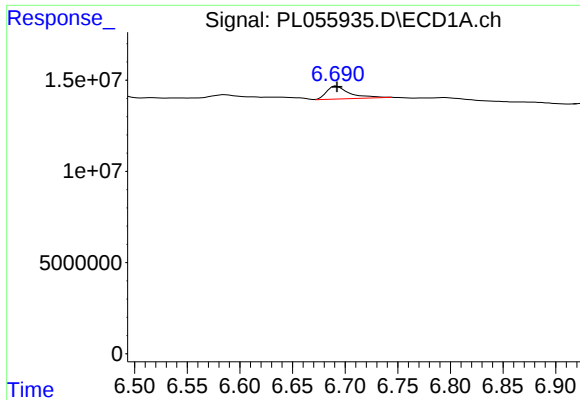
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 8631200
Conc: 0.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 2073115
Conc: 0.92 ng/ml



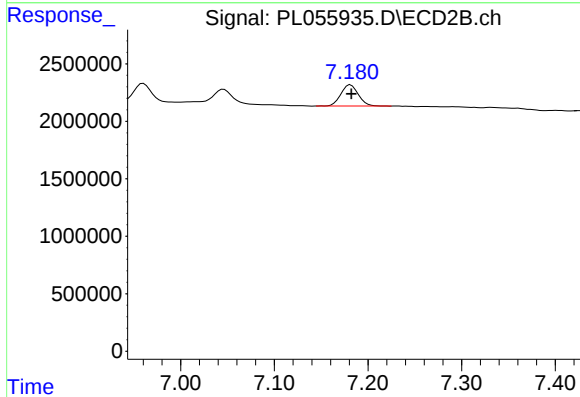
#19 Endosulfan Sulfate

R.T.: 6.690 min
Delta R.T.: -0.002 min
Response: 10641000
Conc: 0.98 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

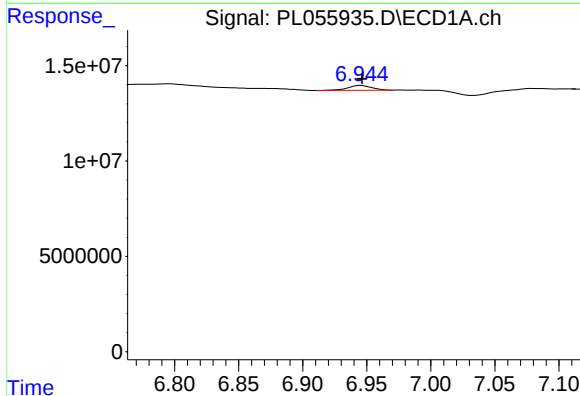
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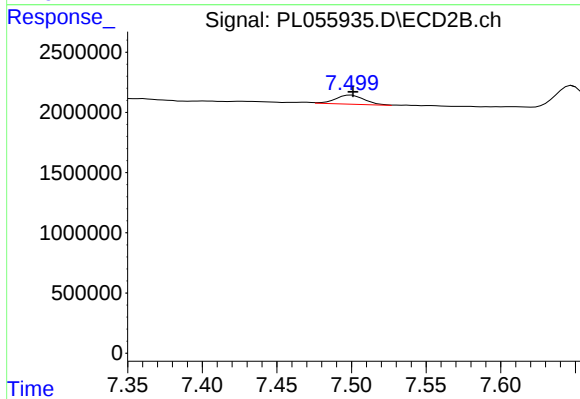
#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: -0.001 min
Response: 2402065
Conc: 0.97 ng/ml



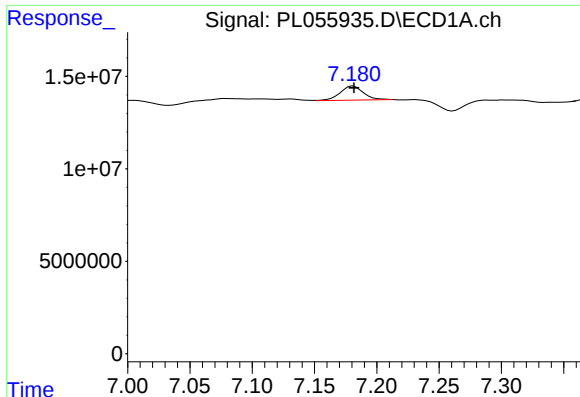
#20 Methoxychlor

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 3328482
Conc: 0.64 ng/ml



#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.003 min
Response: 1012749
Conc: 0.85 ng/ml m



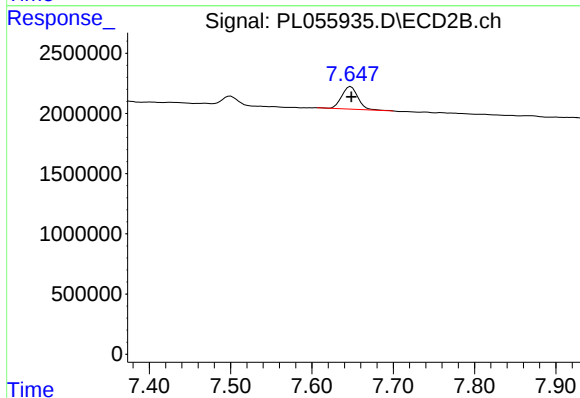
#21 Endrin ketone

R.T.: 7.180 min
Delta R.T.: -0.002 min
Response: 10047178
Conc: 0.80 ng/ml m

Instrument :
ECD_L
ClientSampleId :
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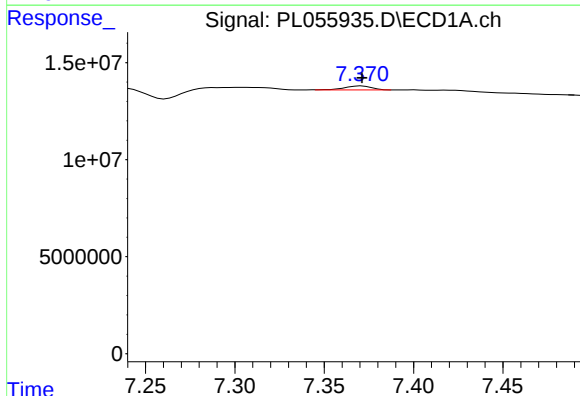
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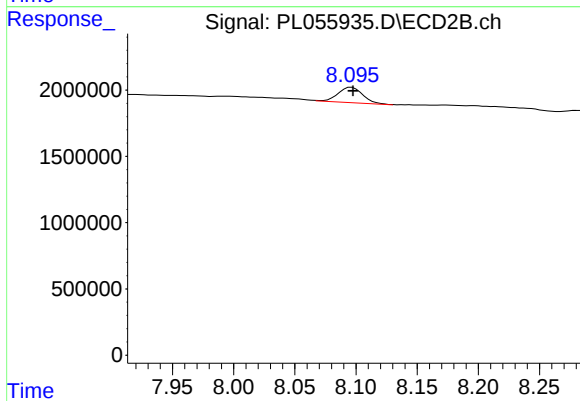
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 2551011
Conc: 0.97 ng/ml



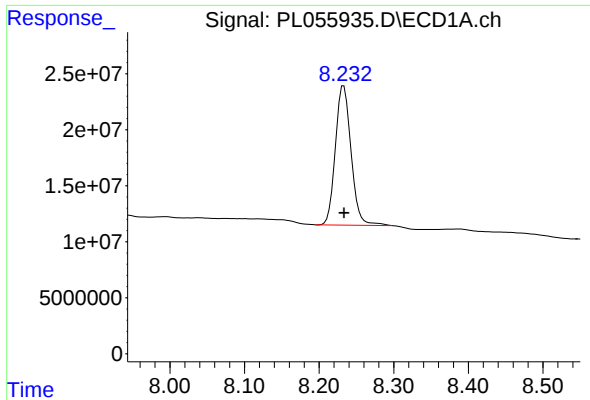
#22 Mirex

R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 2200710
Conc: 0.31 ng/ml m



#22 Mirex

R.T.: 8.095 min
Delta R.T.: -0.003 min
Response: 1640760
Conc: 0.90 ng/ml m



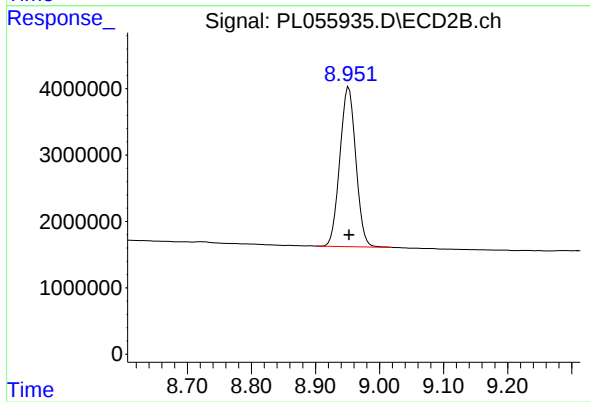
#28 Decachlorobiphenyl

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 182069572
Conc: 17.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.952 min
Delta R.T.: 0.000 min
Response: 41551076
Conc: 18.14 ng/ml