

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052521\
 Data File : PL066867.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2021 13:14
 Operator : AR\AJ
 Sample : M2262-07
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 17:06:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052421.M
 Quant Title : GC Extractables
 QLast Update : Tue May 25 06:06:45 2021
 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...	4.482	5.534	9637438	14189730	16.798	16.521
28)	SA Decachlor...	10.229	11.436	13377057	15950076	17.989	18.510
Target Compounds							
2)	A alpha-BHC	5.182	6.113	2781714	1978017	3.057	1.757 #
3)	MA gamma-BHC...	5.601	6.509	1637284	1995031	2.078	1.880
4)	MA Heptachlor	6.013	7.157	1583841	1891652	2.143	2.014
5)	MB Aldrin	6.335	7.527	1617842	1812262	2.002	1.853
6)	B beta-BHC	5.983	6.764	899931	893183	2.295m	1.699 #
7)	B delta-BHC	6.241	7.029	1603557	2392539	1.959	2.207
8)	B Heptachlo...	6.909	7.994	1667583	2230520	2.206	2.468
9)	A Endosulfan I	7.308	8.399	1628646	1727485	2.211	2.088
10)	B gamma-Chl...	7.187	8.263	1712006	2085833	2.143	2.235
11)	B alpha-Chl...	7.256	8.344	1776166	1911691	2.211	2.080
12)	B 4,4'-DDE	7.474	8.533	1537015	1587933	2.053	1.917
13)	MA Dieldrin	7.593	8.688	1543821	1743845	2.009	2.098
14)	MA Endrin	7.880	8.926	1534329	1453844	2.243	2.158
15)	B Endosulfa...	8.191	9.161	1654836	1801940	2.378	2.379
16)	A 4,4'-DDD	8.056	9.072	1423165	1693175	2.197	2.462
17)	MA 4,4'-DDT	8.315	9.389	953827	1086578	1.692m	1.829
18)	B Endrin al...	8.378	9.296	1354501	1457681	2.278	2.272
19)	B Endosulfa...	8.610	9.533	1636020	1725056	2.316	2.259
20)	A Methoxychlor	8.908	9.875	735428	682058	2.187m	1.999
21)	B Endrin ke...	9.120	10.030	1722407	1918022	2.058	2.238
22)	Mirex	9.308	10.496	1836615	1855725	2.629	2.572

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052521\
Data File : PL066867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2021 13:14
Operator : AR\AJ
Sample : M2262-07
Misc : PEST LOD 2.5 PPB
ALS Vial : 11 Sample Multiplier: 1

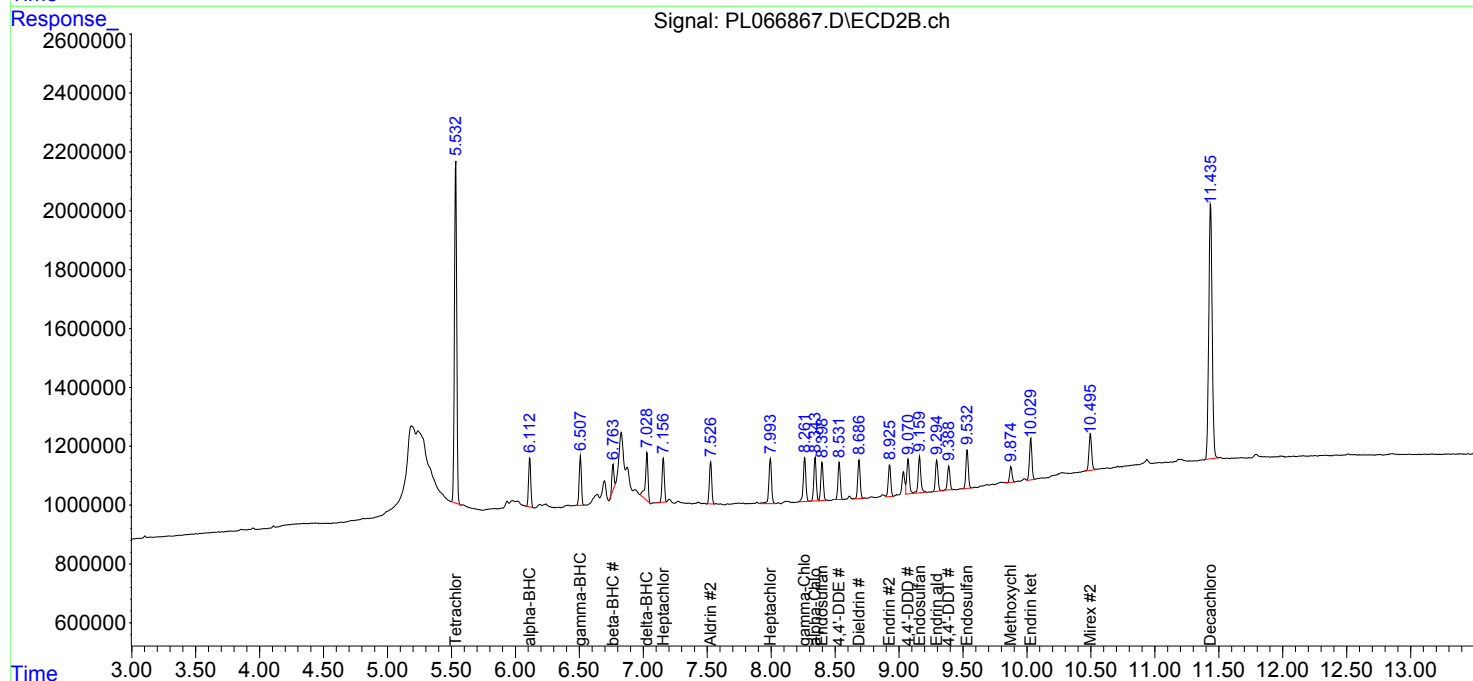
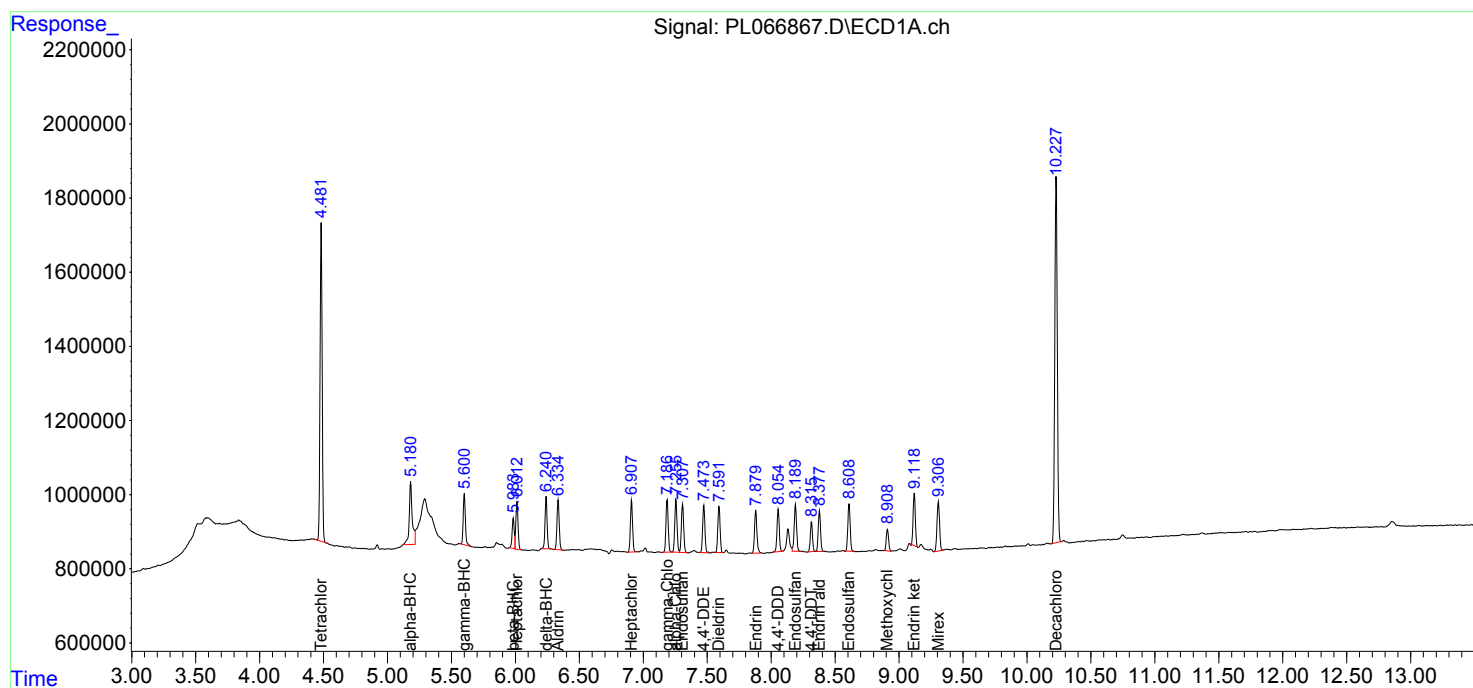
Instrument :
ECD_L
ClientSampled :
LOD-MDL-WATER-SOIL-01-QT2-202

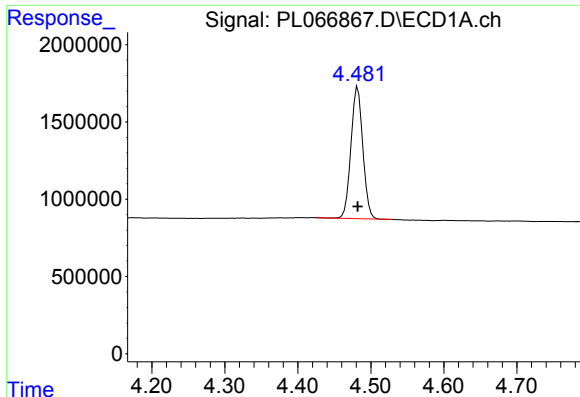
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 17:06:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052421.M
Quant Title : GC Extractables
QLast Update : Tue May 25 06:06:45 2021
Response 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





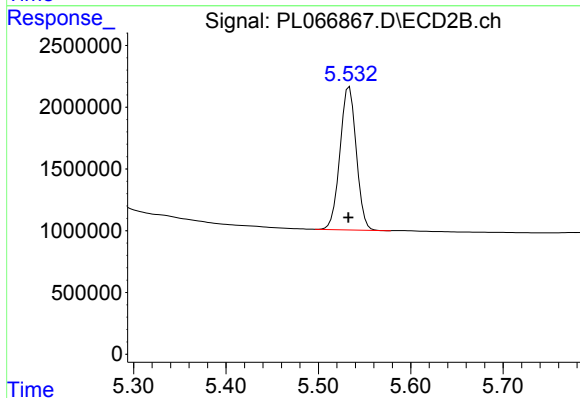
#1 Tetrachloro-m-xylene

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 9637438
Conc: 16.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

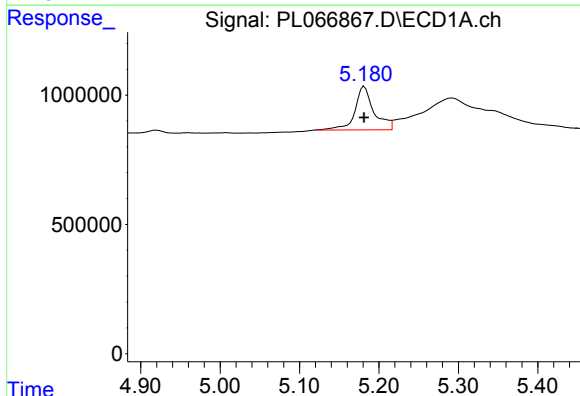
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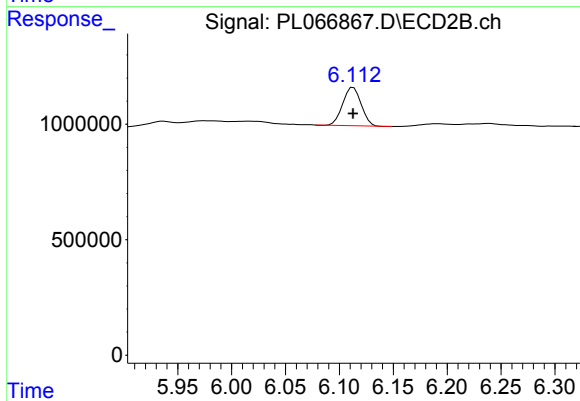
#1 Tetrachloro-m-xylene

R.T.: 5.534 min
Delta R.T.: 0.001 min
Response: 14189730
Conc: 16.52 ng/ml



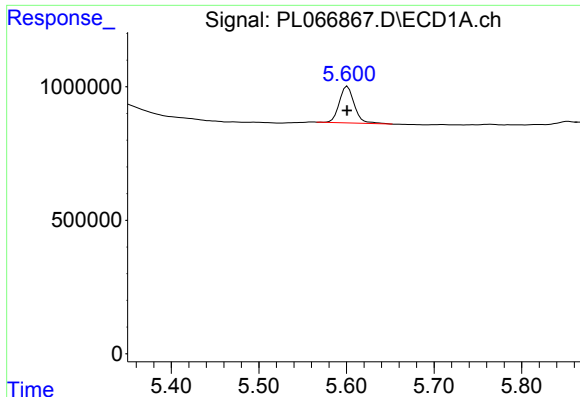
#2 alpha-BHC

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 2781714
Conc: 3.06 ng/ml



#2 alpha-BHC

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 1978017
Conc: 1.76 ng/ml



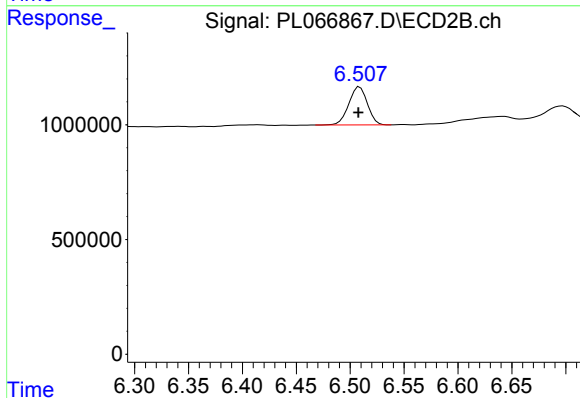
#3 gamma-BHC (Lindane)

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 1637284
Conc: 2.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

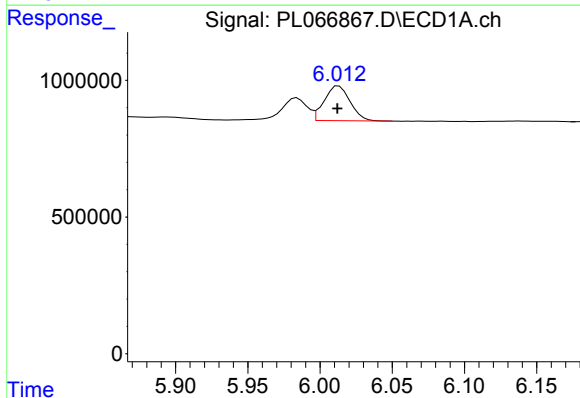
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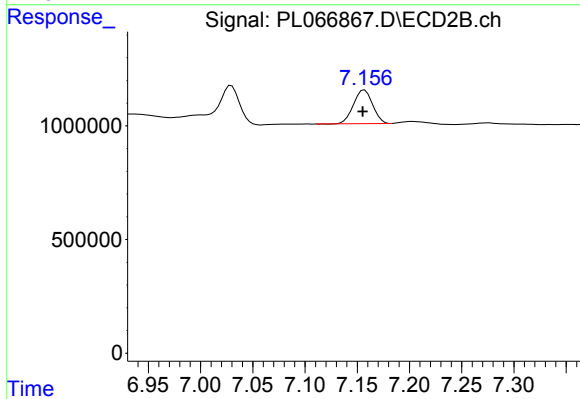
#3 gamma-BHC (Lindane)

R.T.: 6.509 min
Delta R.T.: 0.001 min
Response: 1995031
Conc: 1.88 ng/ml



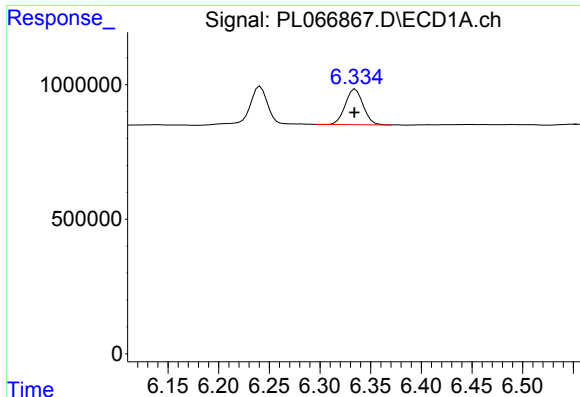
#4 Heptachlor

R.T.: 6.013 min
Delta R.T.: 0.001 min
Response: 1583841
Conc: 2.14 ng/ml



#4 Heptachlor

R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 1891652
Conc: 2.01 ng/ml



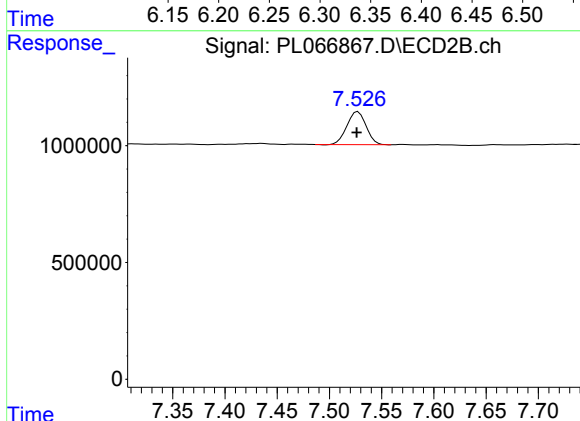
#5 Aldrin

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 1617842
Conc: 2.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

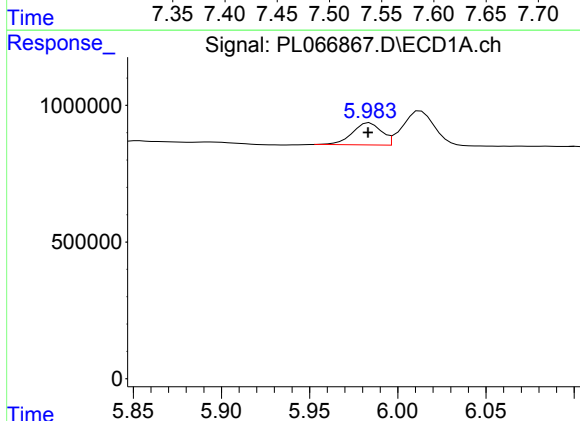
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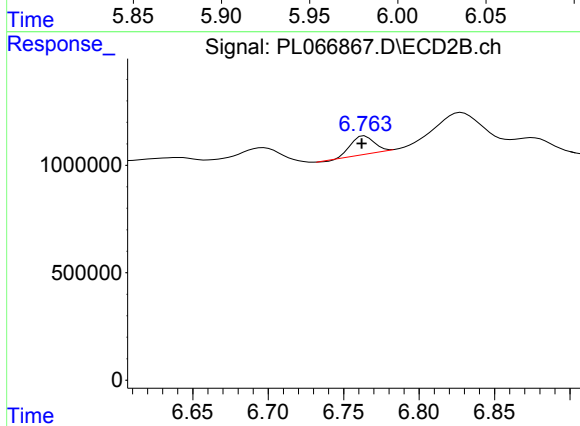
#5 Aldrin

R.T.: 7.527 min
Delta R.T.: 0.001 min
Response: 1812262
Conc: 1.85 ng/ml



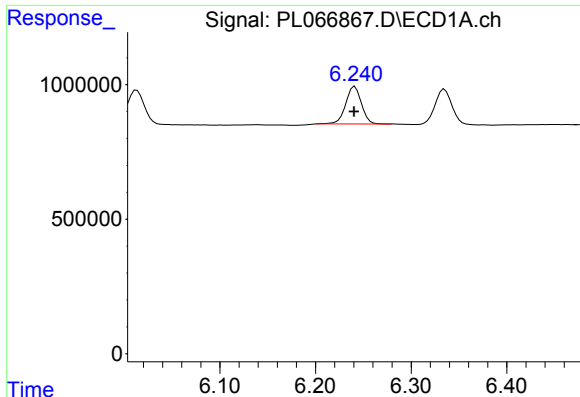
#6 beta-BHC

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 899931
Conc: 2.30 ng/ml m



#6 beta-BHC

R.T.: 6.764 min
Delta R.T.: 0.002 min
Response: 893183
Conc: 1.70 ng/ml



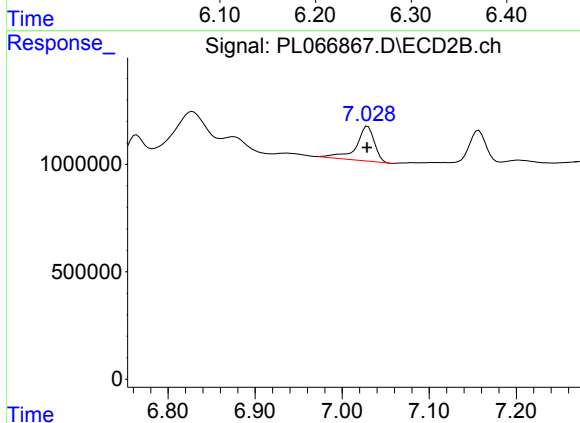
#7 delta-BHC

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 1603557
Conc: 1.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

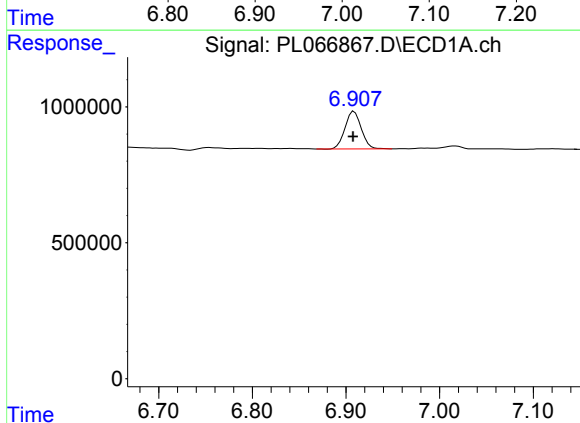
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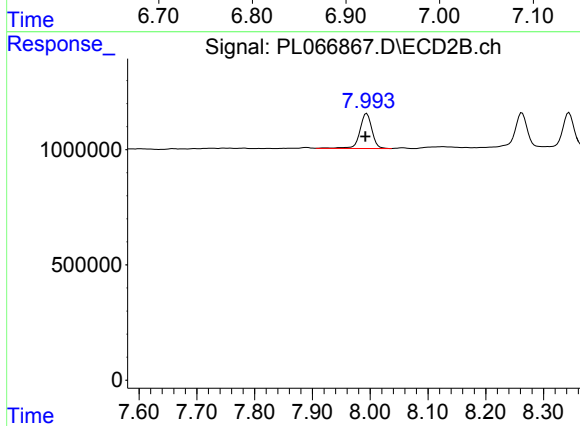
#7 delta-BHC

R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 2392539
Conc: 2.21 ng/ml



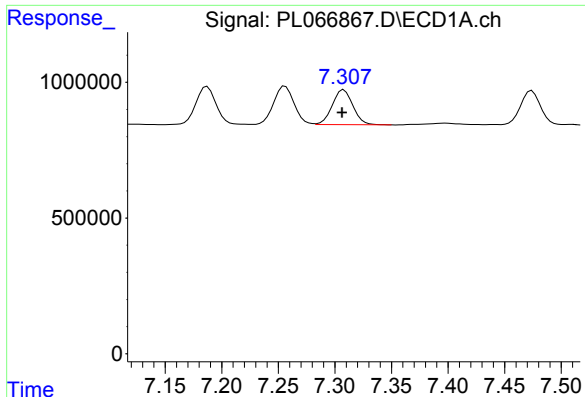
#8 Heptachlor epoxide

R.T.: 6.909 min
Delta R.T.: 0.001 min
Response: 1667583
Conc: 2.21 ng/ml



#8 Heptachlor epoxide

R.T.: 7.994 min
Delta R.T.: 0.002 min
Response: 2230520
Conc: 2.47 ng/ml



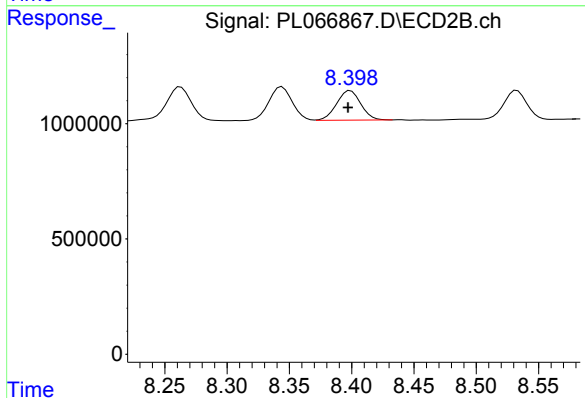
#9 Endosulfan I

R.T.: 7.308 min
Delta R.T.: 0.002 min
Response: 1628646
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

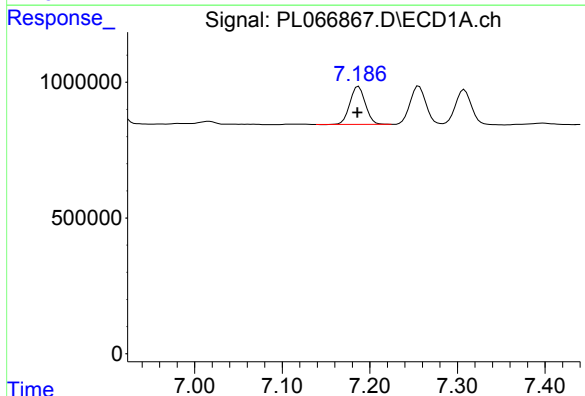
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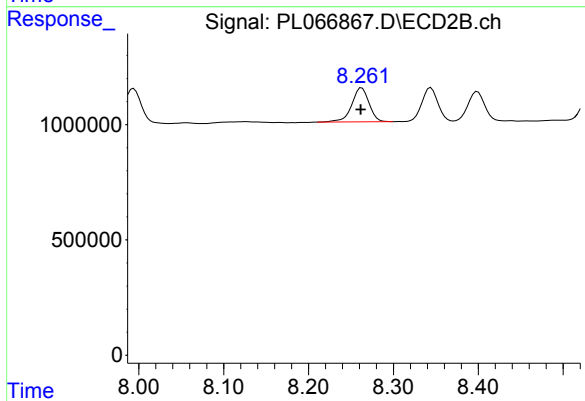
#9 Endosulfan I

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 1727485
Conc: 2.09 ng/ml



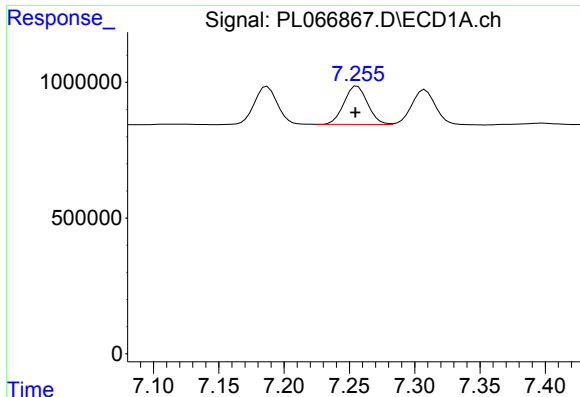
#10 gamma-Chlordane

R.T.: 7.187 min
Delta R.T.: 0.001 min
Response: 1712006
Conc: 2.14 ng/ml



#10 gamma-Chlordane

R.T.: 8.263 min
Delta R.T.: 0.002 min
Response: 2085833
Conc: 2.23 ng/ml



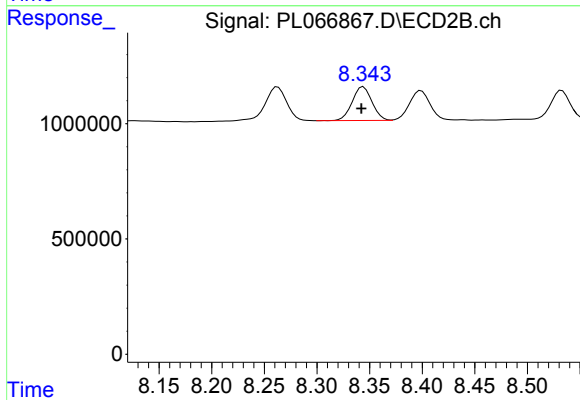
#11 alpha-Chlordane

R.T.: 7.256 min
Delta R.T.: 0.001 min
Response: 1776166
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

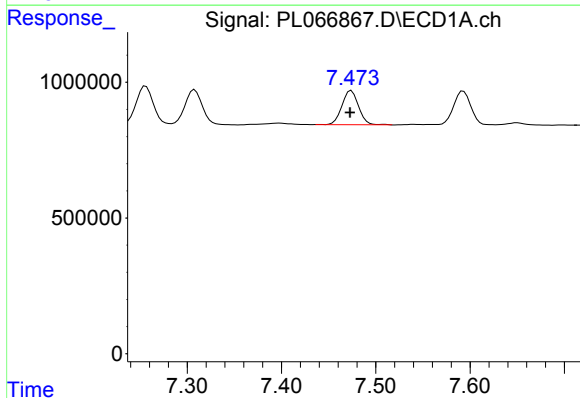
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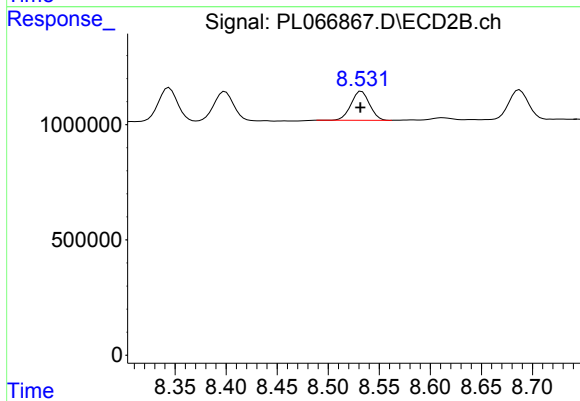
#11 alpha-Chlordane

R.T.: 8.344 min
Delta R.T.: 0.002 min
Response: 1911691
Conc: 2.08 ng/ml



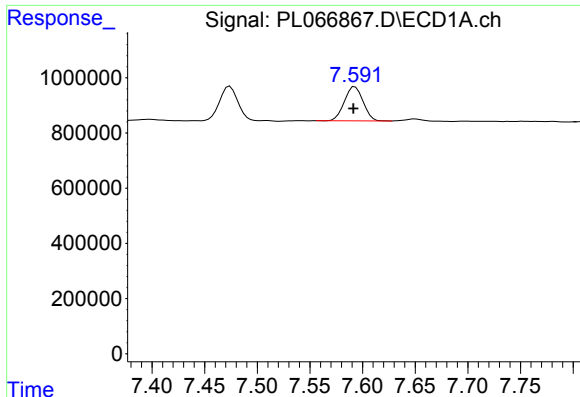
#12 4,4'-DDE

R.T.: 7.474 min
Delta R.T.: 0.001 min
Response: 1537015
Conc: 2.05 ng/ml



#12 4,4'-DDE

R.T.: 8.533 min
Delta R.T.: 0.001 min
Response: 1587933
Conc: 1.92 ng/ml



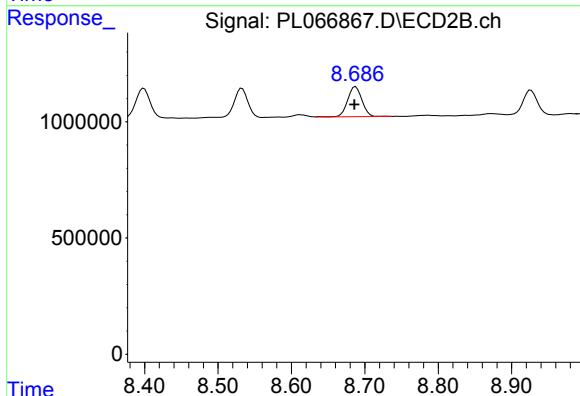
#13 Dieldrin

R.T.: 7.593 min
Delta R.T.: 0.002 min
Response: 1543821
Conc: 2.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

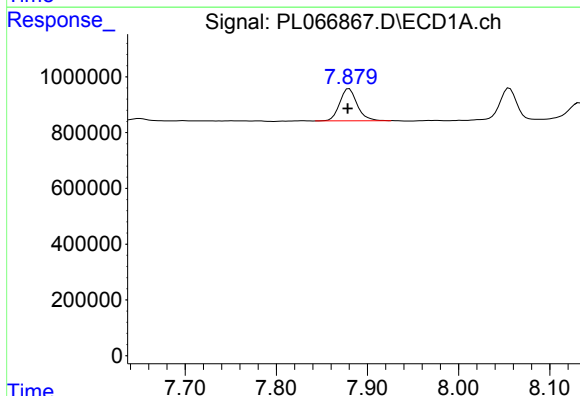
Manual Integrations
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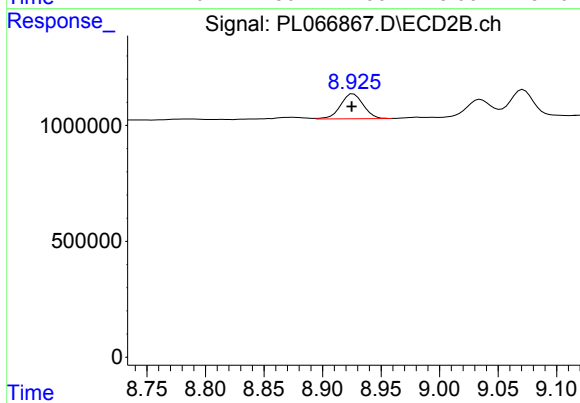
#13 Dieldrin

R.T.: 8.688 min
Delta R.T.: 0.002 min
Response: 1743845
Conc: 2.10 ng/ml



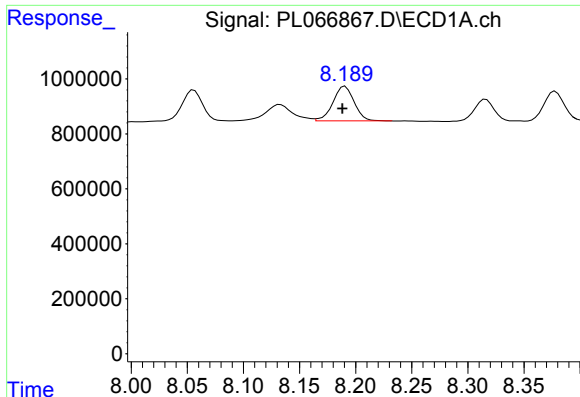
#14 Endrin

R.T.: 7.880 min
Delta R.T.: 0.002 min
Response: 1534329
Conc: 2.24 ng/ml



#14 Endrin

R.T.: 8.926 min
Delta R.T.: 0.001 min
Response: 1453844
Conc: 2.16 ng/ml



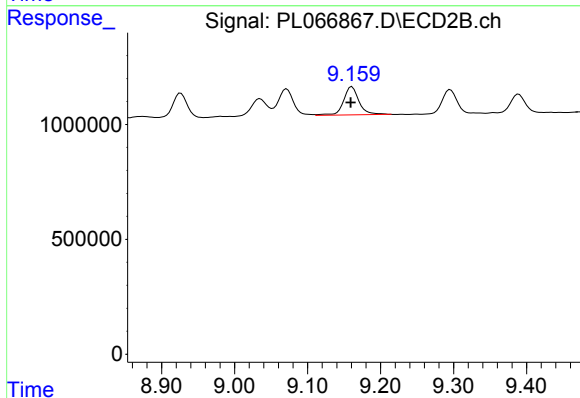
#15 Endosulfan II

R.T.: 8.191 min
Delta R.T.: 0.002 min
Response: 1654836
Conc: 2.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

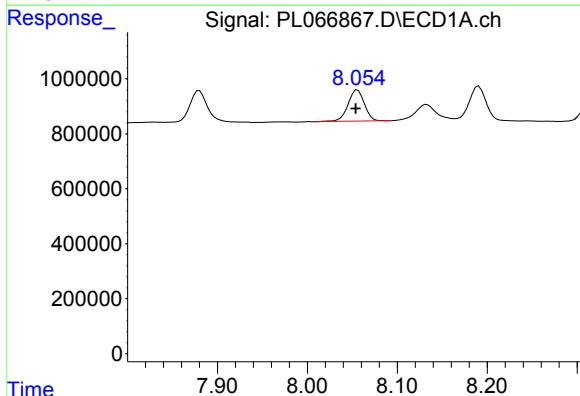
Manual Integrations
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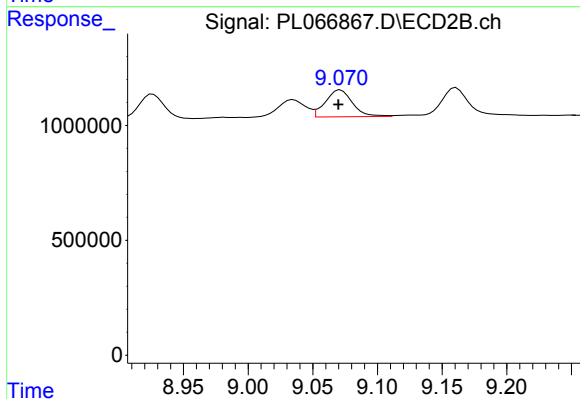
#15 Endosulfan II

R.T.: 9.161 min
Delta R.T.: 0.002 min
Response: 1801940
Conc: 2.38 ng/ml



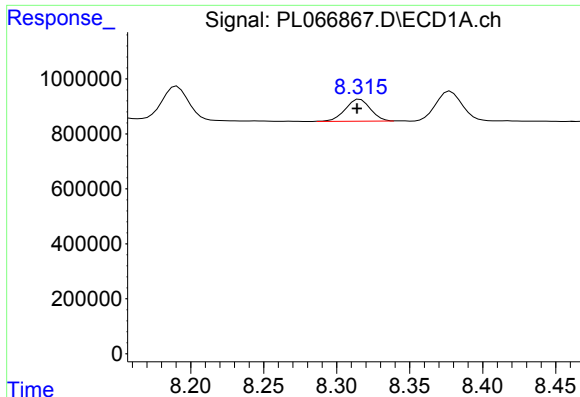
#16 4,4'-DDD

R.T.: 8.056 min
Delta R.T.: 0.002 min
Response: 1423165
Conc: 2.20 ng/ml



#16 4,4'-DDD

R.T.: 9.072 min
Delta R.T.: 0.002 min
Response: 1693175
Conc: 2.46 ng/ml



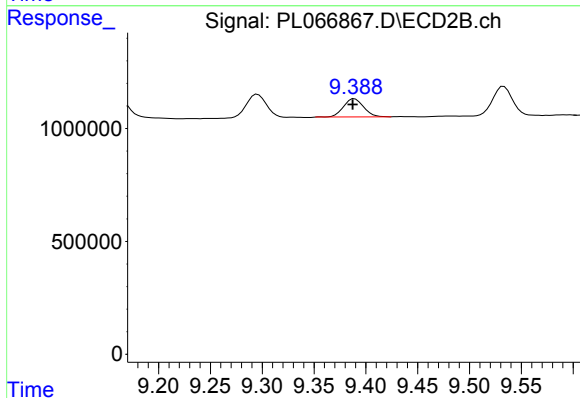
#17 4,4'-DDT

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 953827
Conc: 1.69 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

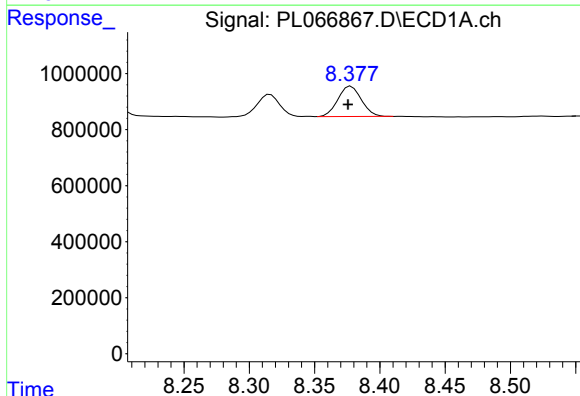
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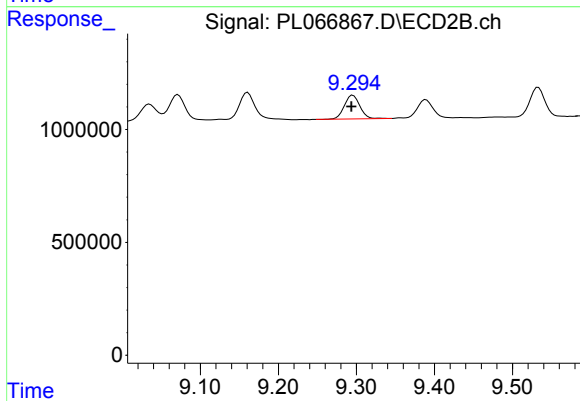
#17 4,4'-DDT

R.T.: 9.389 min
Delta R.T.: 0.002 min
Response: 1086578
Conc: 1.83 ng/ml



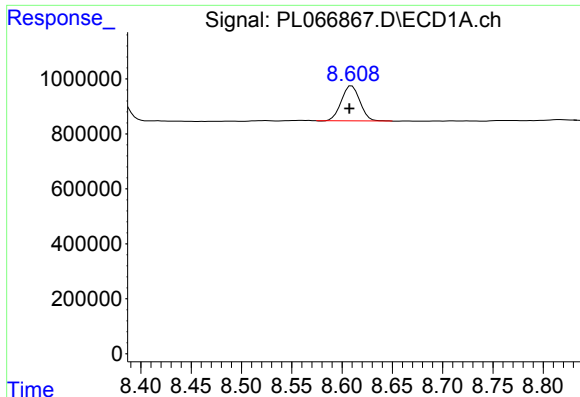
#18 Endrin aldehyde

R.T.: 8.378 min
Delta R.T.: 0.002 min
Response: 1354501
Conc: 2.28 ng/ml



#18 Endrin aldehyde

R.T.: 9.296 min
Delta R.T.: 0.002 min
Response: 1457681
Conc: 2.27 ng/ml



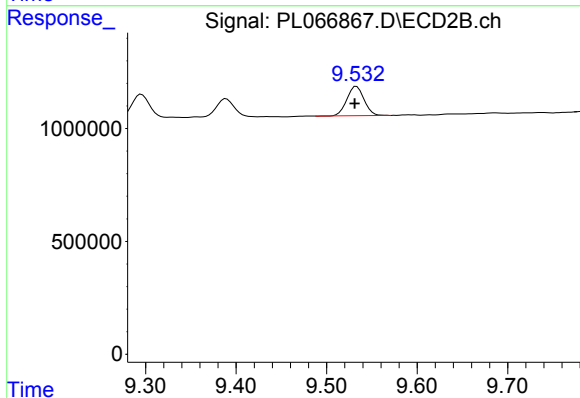
#19 Endosulfan Sulfate

R.T.: 8.610 min
Delta R.T.: 0.002 min
Response: 1636020
Conc: 2.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

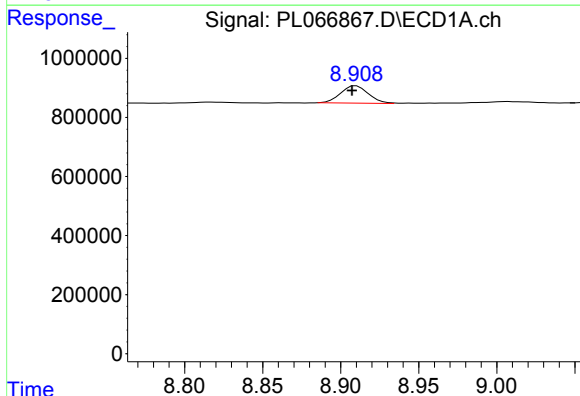
Manual Integrations
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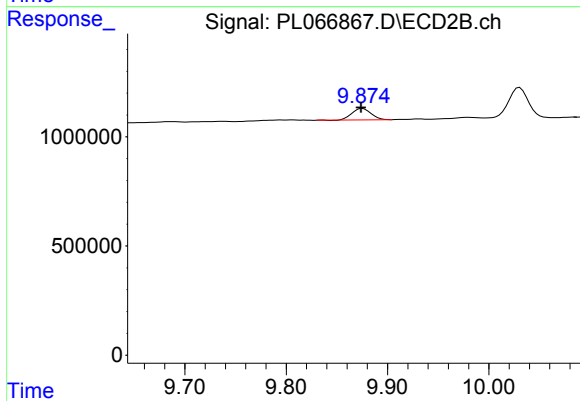
#19 Endosulfan Sulfate

R.T.: 9.533 min
Delta R.T.: 0.002 min
Response: 1725056
Conc: 2.26 ng/ml



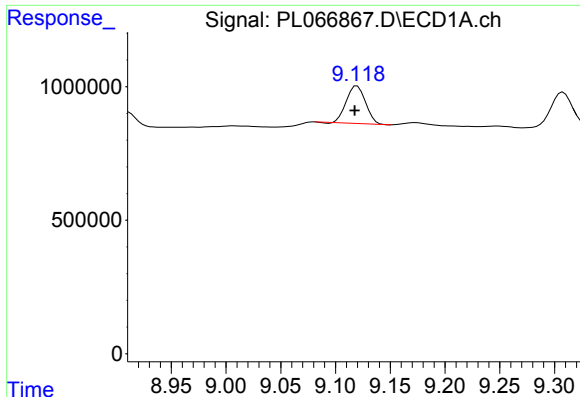
#20 Methoxychlor

R.T.: 8.908 min
Delta R.T.: 0.001 min
Response: 735428
Conc: 2.19 ng/ml m



#20 Methoxychlor

R.T.: 9.875 min
Delta R.T.: 0.001 min
Response: 682058
Conc: 2.00 ng/ml



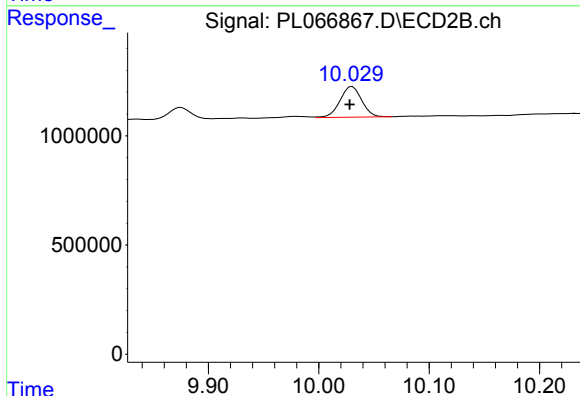
#21 Endrin ketone

R.T.: 9.120 min
Delta R.T.: 0.002 min
Response: 1722407
Conc: 2.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

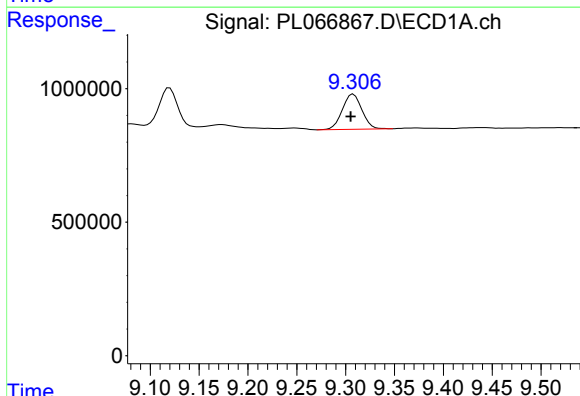
Manual Integrations
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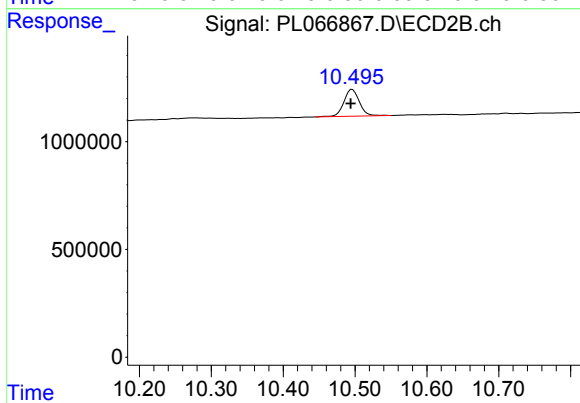
#21 Endrin ketone

R.T.: 10.030 min
Delta R.T.: 0.002 min
Response: 1918022
Conc: 2.24 ng/ml



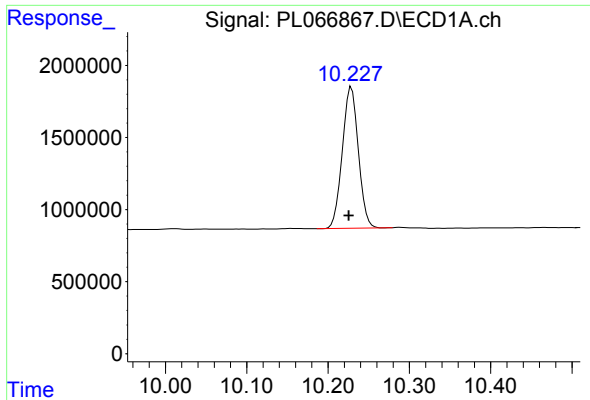
#22 Mirex

R.T.: 9.308 min
Delta R.T.: 0.003 min
Response: 1836615
Conc: 2.63 ng/ml



#22 Mirex

R.T.: 10.496 min
Delta R.T.: 0.002 min
Response: 1855725
Conc: 2.57 ng/ml



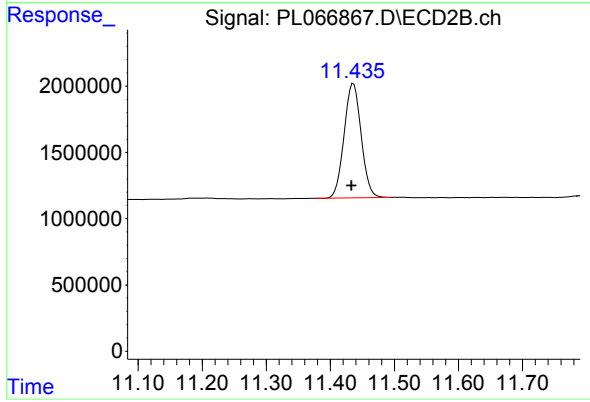
#28 Decachlorobiphenyl

R.T.: 10.229 min
Delta R.T.: 0.004 min
Response: 13377057
Conc: 17.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations
APPROVED

Ankita
5/26/2021 4:07:21 PM



#28 Decachlorobiphenyl

R.T.: 11.436 min
Delta R.T.: 0.003 min
Response: 15950076
Conc: 18.51 ng/ml