

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
 Data File : PL068275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 14:48
 Operator : AR\AJ
 Sample : M2940-08
 Misc : LOQ 5 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT3-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 05:47:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 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...	4.650	5.569	7999505	19558033	18.639	19.167
28)	SA Decachlor...	10.429	11.496	11115731	17976940	19.764	20.154
Target Compounds							
2)	A alpha-BHC	5.357	6.149	2581567	6231993	4.410	4.584
3)	MA gamma-BHC...	5.779	6.544	2604770	6048427	4.582m	4.688m
4)	MA Heptachlor	6.192	7.194	2968850	6703762	4.871	5.144m
5)	MB Aldrin	6.518	7.567	2743237	5751076	4.882	4.847
6)	B beta-BHC	6.159	6.797	1737230	6029356	5.937	8.535m#
7)	B delta-BHC	6.421	7.065	2633844	6502032	4.714	5.307m
8)	B Heptachlo...	7.094	8.034	3012181	5870749	5.422	5.193
9)	A Endosulfan I	7.498	8.439	2739574	5498568	5.186	5.341
10)	B gamma-Chl...	7.372	8.303	3029761	5957960	5.280	5.290
11)	B alpha-Chl...	7.442	8.384	3023482	5917557	5.264	5.261
12)	B 4,4'-DDE	7.656	8.571	2423783	4968698	4.810	4.821
13)	MA Dieldrin	7.784	8.729	2752196	5439942	5.113	5.129
14)	MA Endrin	8.076	8.968	2470412	4218716	4.940	4.718
15)	B Endosulfa...	8.386	9.202	2751167	5389721	5.572	5.946
16)	A 4,4'-DDD	8.241	9.109	2254924	4928736	5.048	5.788m
17)	MA 4,4'-DDT	8.504	9.428	2355510	4173297	4.696	4.422
18)	B Endrin al...	8.575	9.334	2510922	4350672	6.339	6.037m
19)	B Endosulfa...	8.805	9.574	3210623	5152193	6.110	5.722
20)	A Methoxychlor	9.099	9.914	1645092	2471190	5.259	4.864
21)	B Endrin ke...	9.325	10.074	3337623	5696068	5.637	5.711
22)	Mirex	9.515	10.541	3200649	4863001	6.481	6.286

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
 Data File : PL068275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 14:48
 Operator : AR\AJ
 Sample : M2940-08
 Misc : LOQ 5 PPM
 ALS Vial : 10 Sample Multiplier: 1

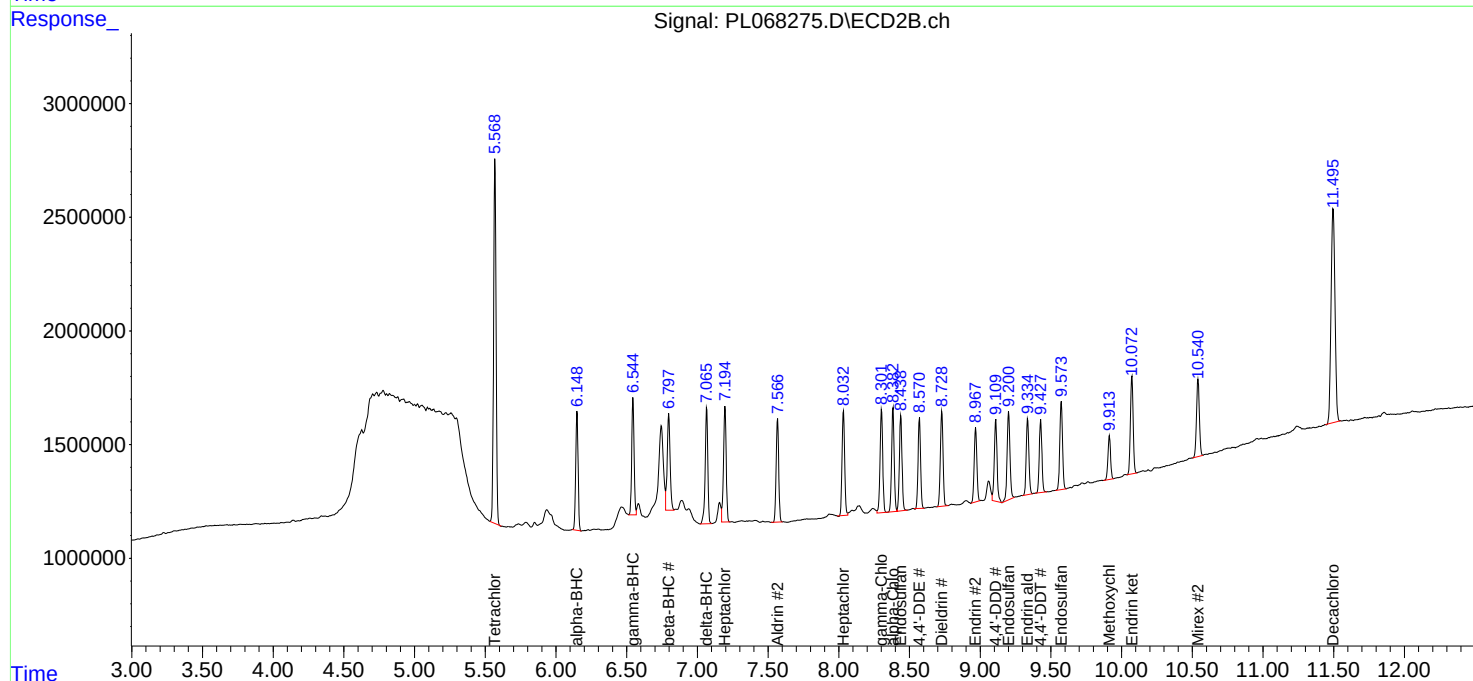
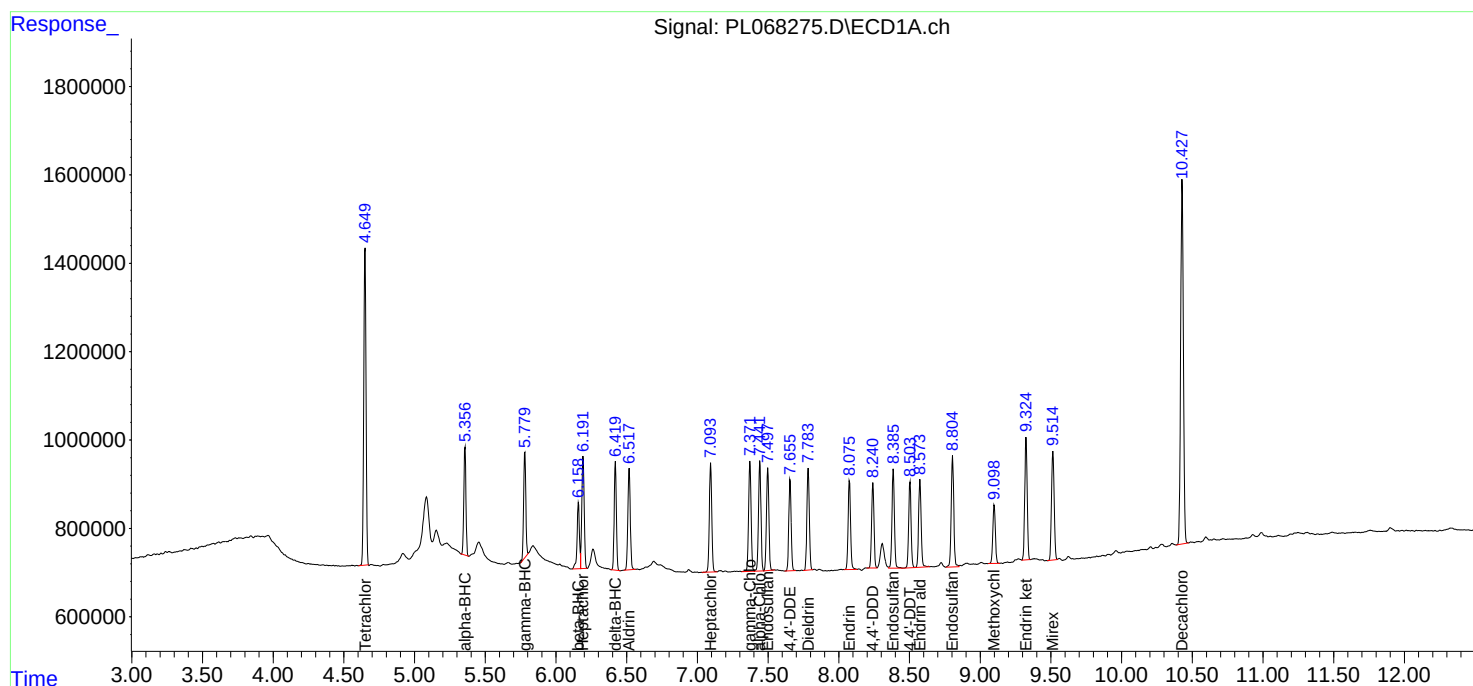
Instrument :
 ECD_L
 ClientSampled :
 LOQ-WATER-02-QT3-2021

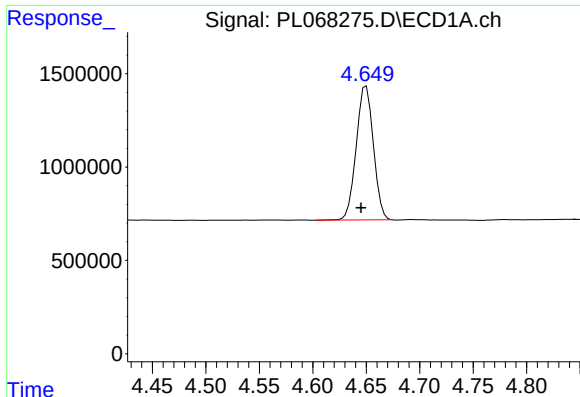
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 05:47:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 2021
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Volume 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





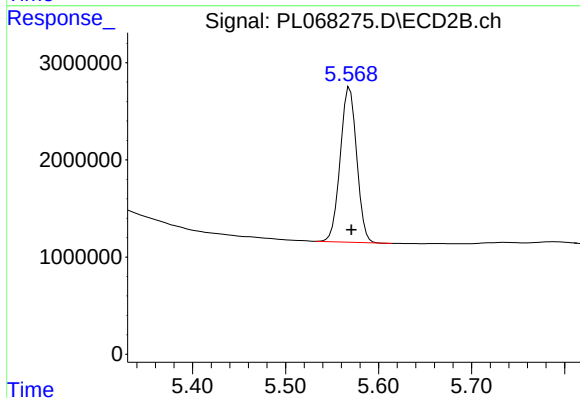
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: 0.005 min
Response: 7999505
Conc: 18.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

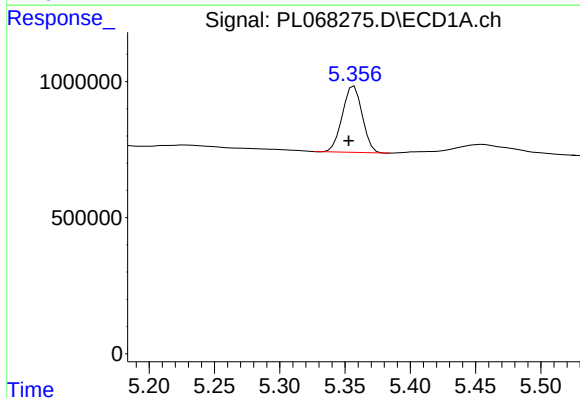
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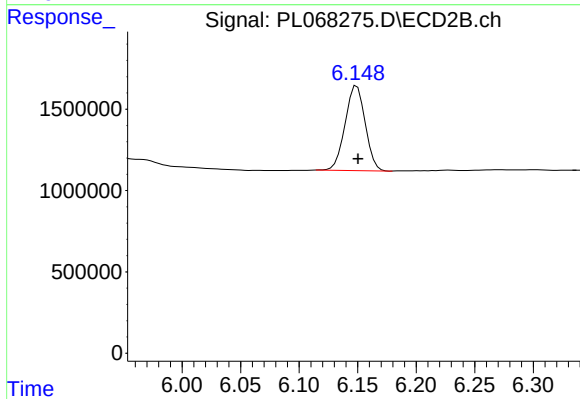
#1 Tetrachloro-m-xylene

R.T.: 5.569 min
Delta R.T.: -0.002 min
Response: 19558033
Conc: 19.17 ng/ml



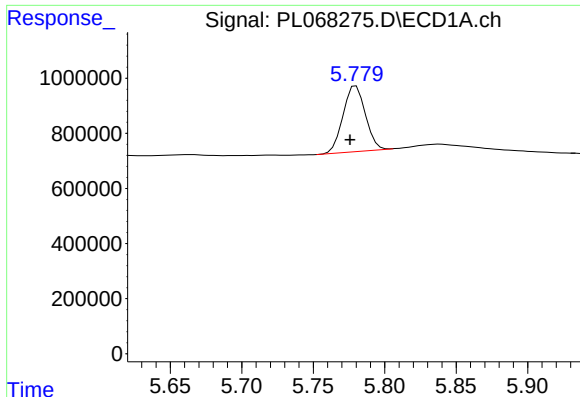
#2 alpha-BHC

R.T.: 5.357 min
Delta R.T.: 0.004 min
Response: 2581567
Conc: 4.41 ng/ml



#2 alpha-BHC

R.T.: 6.149 min
Delta R.T.: -0.001 min
Response: 6231993
Conc: 4.58 ng/ml



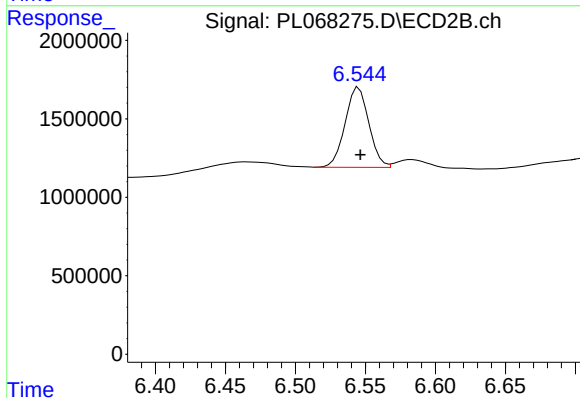
#3 gamma-BHC (Lindane)

R.T.: 5.779 min
Delta R.T.: 0.003 min
Response: 2604770
Conc: 4.58 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

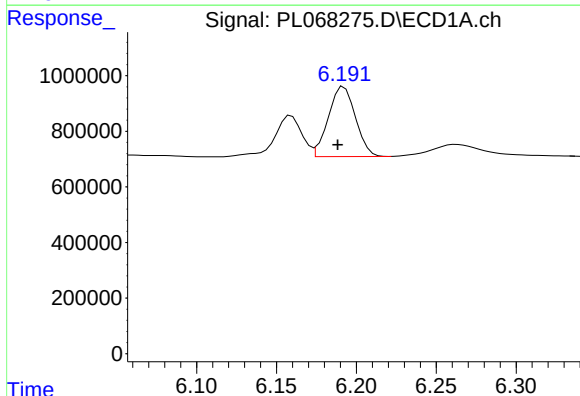
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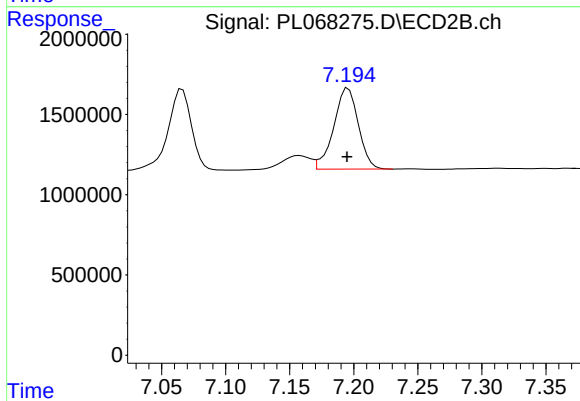
#3 gamma-BHC (Lindane)

R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 6048427
Conc: 4.69 ng/ml m



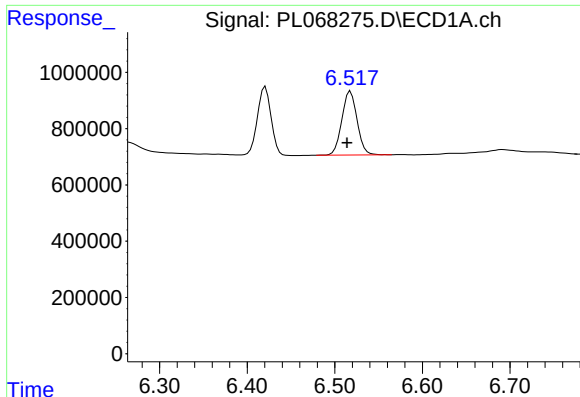
#4 Heptachlor

R.T.: 6.192 min
Delta R.T.: 0.004 min
Response: 2968850
Conc: 4.87 ng/ml



#4 Heptachlor

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 6703762
Conc: 5.14 ng/ml m



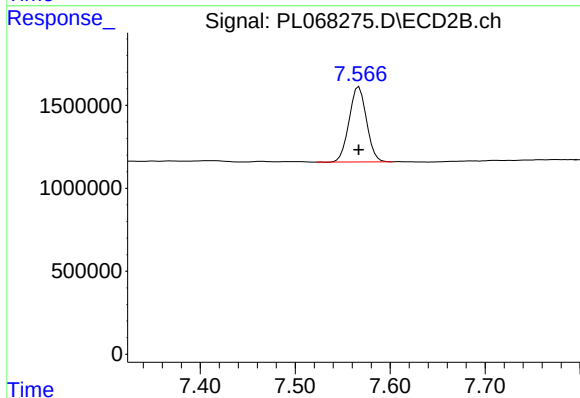
#5 Aldrin

R.T.: 6.518 min
Delta R.T.: 0.004 min
Response: 2743237
Conc: 4.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

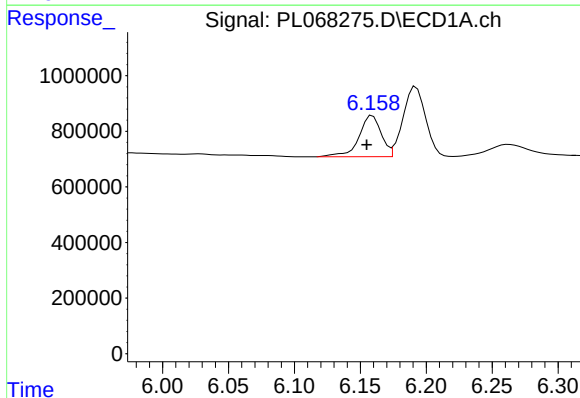
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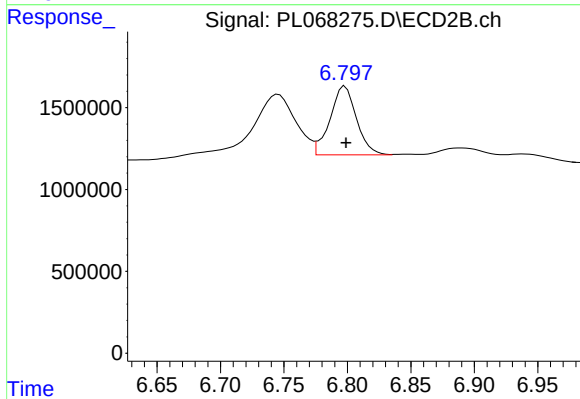
#5 Aldrin

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 5751076
Conc: 4.85 ng/ml



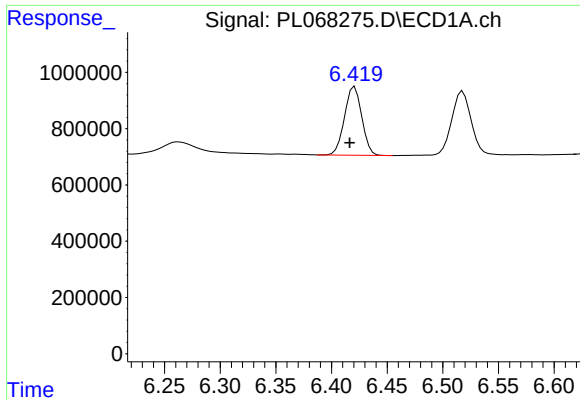
#6 beta-BHC

R.T.: 6.159 min
Delta R.T.: 0.004 min
Response: 1737230
Conc: 5.94 ng/ml



#6 beta-BHC

R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 6029356
Conc: 8.53 ng/ml m



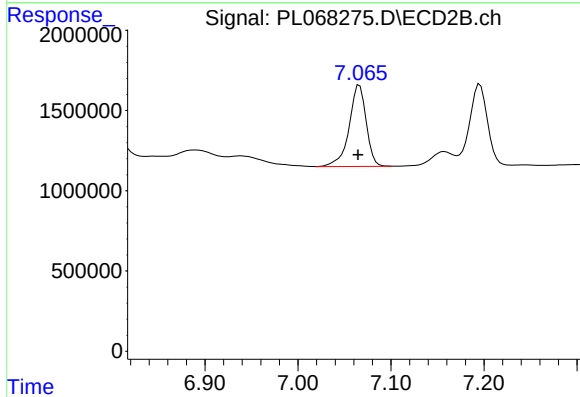
#7 delta-BHC

R.T.: 6.421 min
Delta R.T.: 0.004 min
Response: 2633844
Conc: 4.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

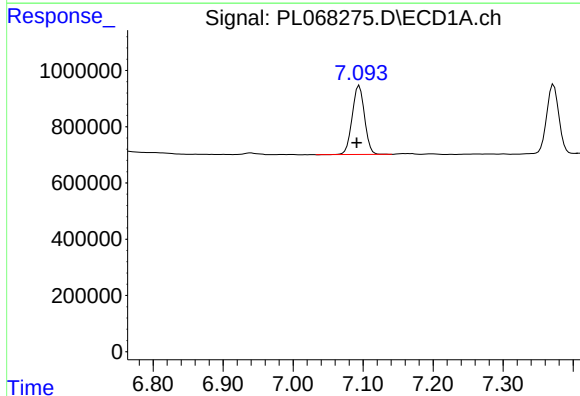
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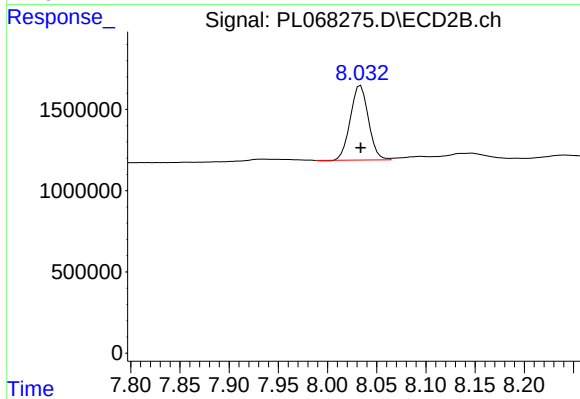
#7 delta-BHC

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 6502032
Conc: 5.31 ng/ml m



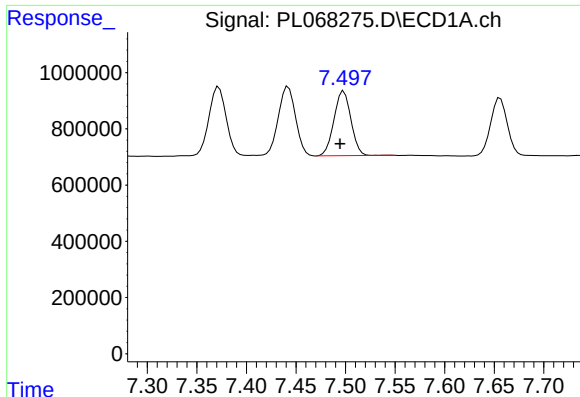
#8 Heptachlor epoxide

R.T.: 7.094 min
Delta R.T.: 0.004 min
Response: 3012181
Conc: 5.42 ng/ml



#8 Heptachlor epoxide

R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 5870749
Conc: 5.19 ng/ml



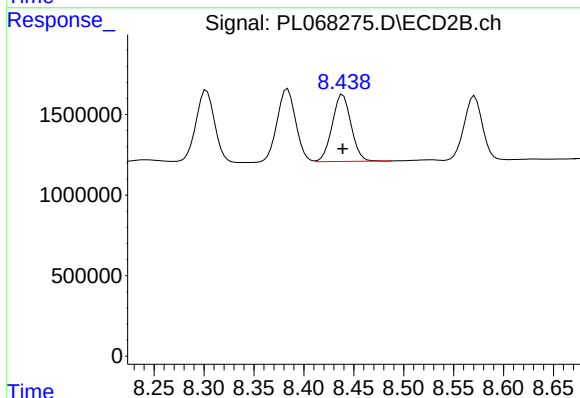
#9 Endosulfan I

R.T.: 7.498 min
Delta R.T.: 0.004 min
Response: 2739574
Conc: 5.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

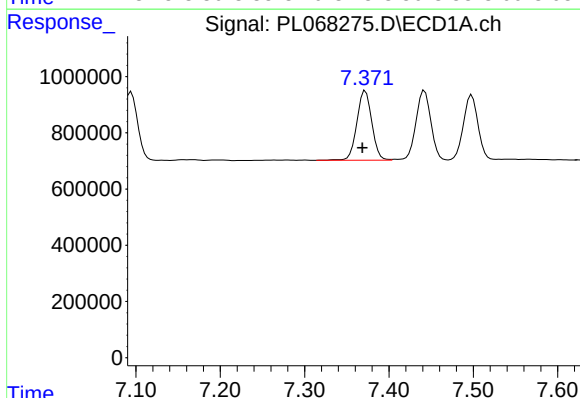
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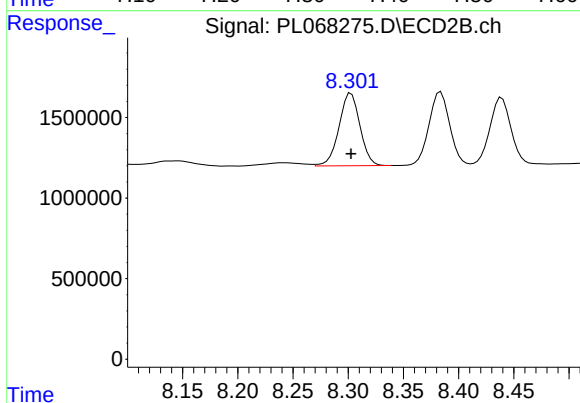
#9 Endosulfan I

R.T.: 8.439 min
Delta R.T.: 0.000 min
Response: 5498568
Conc: 5.34 ng/ml



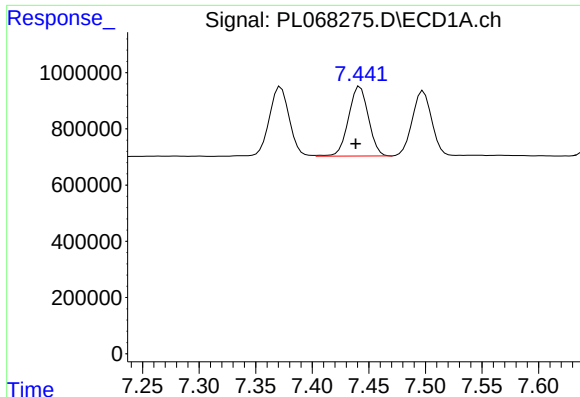
#10 gamma-Chlordane

R.T.: 7.372 min
Delta R.T.: 0.004 min
Response: 3029761
Conc: 5.28 ng/ml



#10 gamma-Chlordane

R.T.: 8.303 min
Delta R.T.: 0.000 min
Response: 5957960
Conc: 5.29 ng/ml



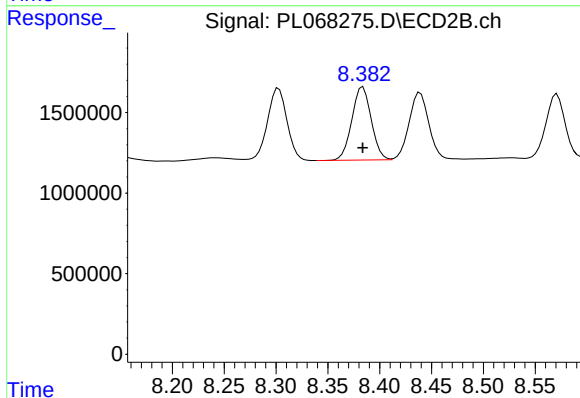
#11 alpha-Chlordane

R.T.: 7.442 min
Delta R.T.: 0.004 min
Response: 3023482
Conc: 5.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

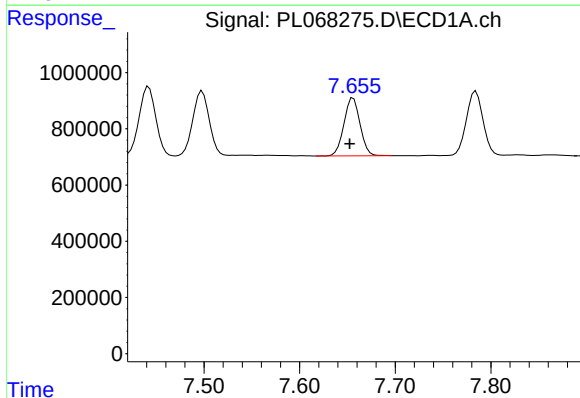
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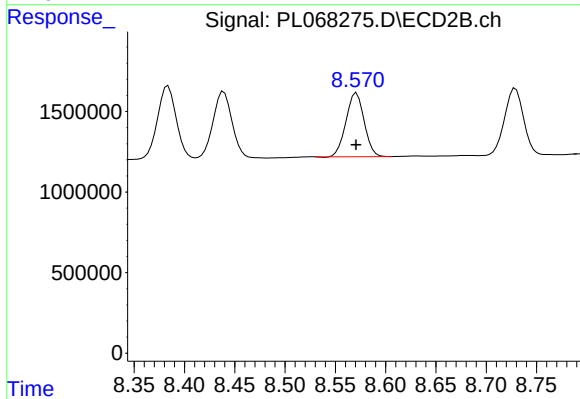
#11 alpha-Chlordane

R.T.: 8.384 min
Delta R.T.: 0.000 min
Response: 5917557
Conc: 5.26 ng/ml



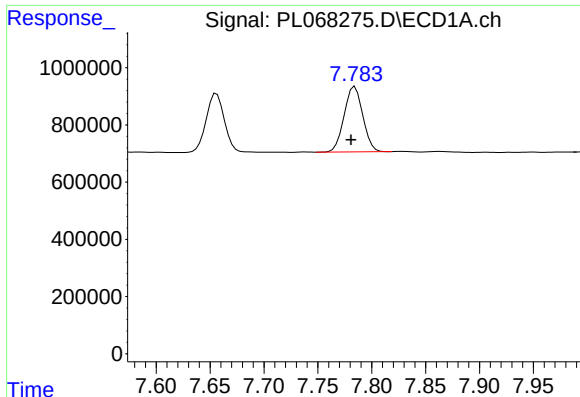
#12 4,4'-DDE

R.T.: 7.656 min
Delta R.T.: 0.004 min
Response: 2423783
Conc: 4.81 ng/ml



#12 4,4'-DDE

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 4968698
Conc: 4.82 ng/ml



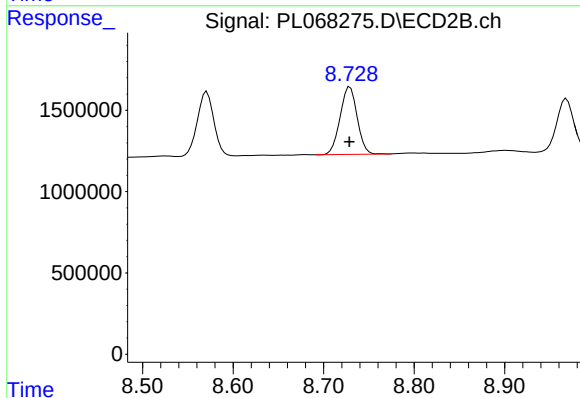
#13 Dieldrin

R.T.: 7.784 min
Delta R.T.: 0.004 min
Response: 2752196
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

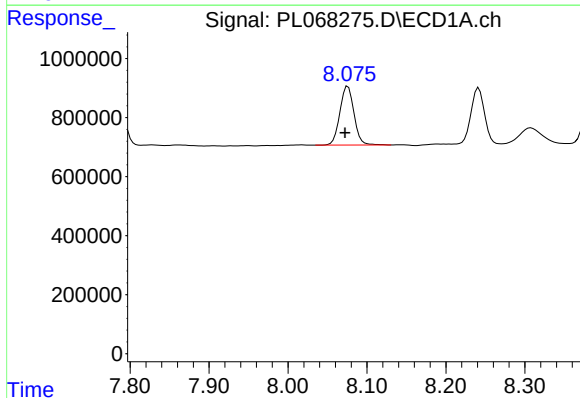
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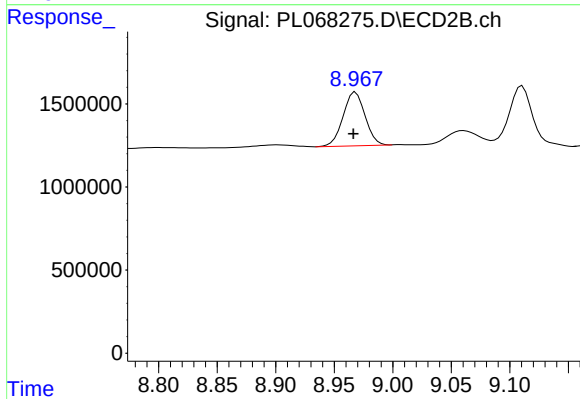
#13 Dieldrin

R.T.: 8.729 min
Delta R.T.: 0.000 min
Response: 5439942
Conc: 5.13 ng/ml



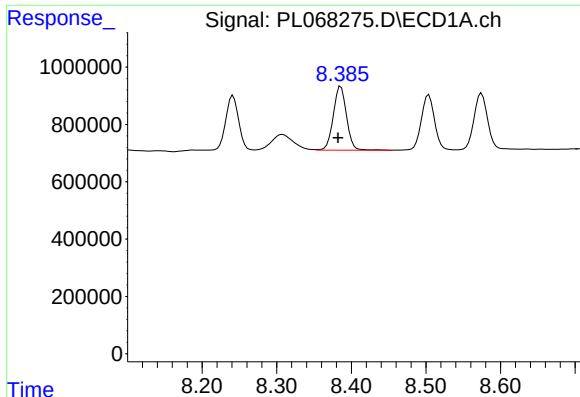
#14 Endrin

R.T.: 8.076 min
Delta R.T.: 0.004 min
Response: 2470412
Conc: 4.94 ng/ml



#14 Endrin

R.T.: 8.968 min
Delta R.T.: 0.002 min
Response: 4218716
Conc: 4.72 ng/ml



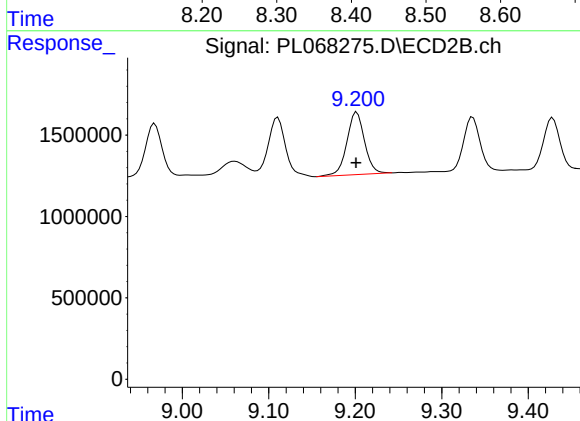
#15 Endosulfan II

R.T.: 8.386 min
Delta R.T.: 0.004 min
Response: 2751167
Conc: 5.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

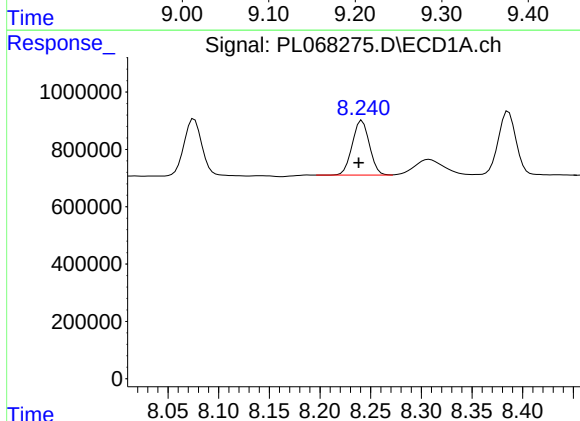
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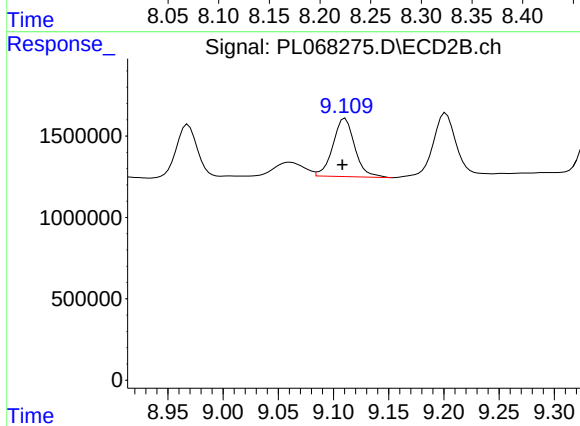
#15 Endosulfan II

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 5389721
Conc: 5.95 ng/ml



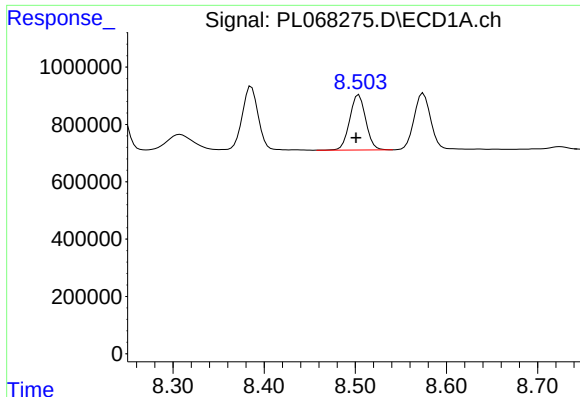
#16 4,4'-DDD

R.T.: 8.241 min
Delta R.T.: 0.003 min
Response: 2254924
Conc: 5.05 ng/ml



#16 4,4'-DDD

R.T.: 9.109 min
Delta R.T.: 0.001 min
Response: 4928736
Conc: 5.79 ng/ml m



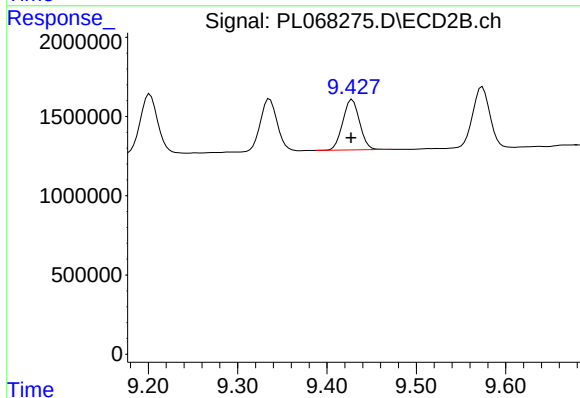
#17 4,4'-DDT

R.T.: 8.504 min
Delta R.T.: 0.003 min
Response: 2355510
Conc: 4.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

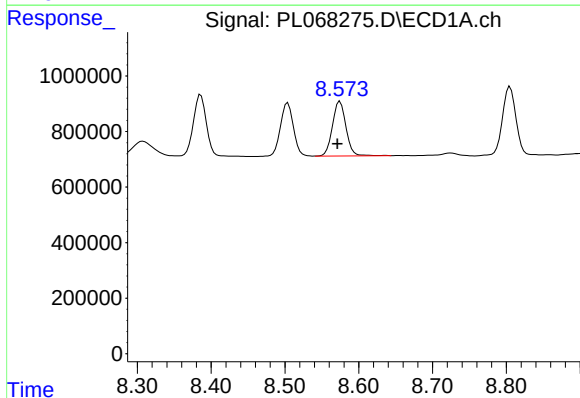
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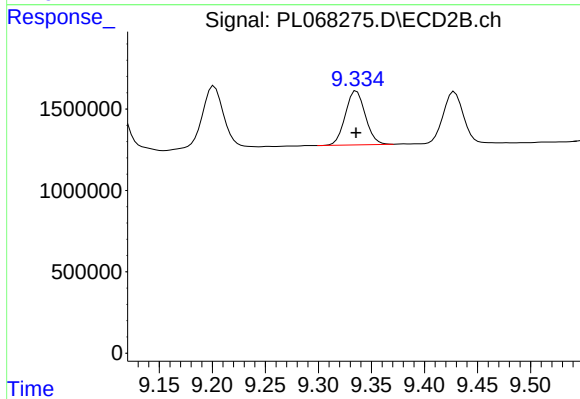
#17 4,4'-DDT

R.T.: 9.428 min
Delta R.T.: 0.001 min
Response: 4173297
Conc: 4.42 ng/ml



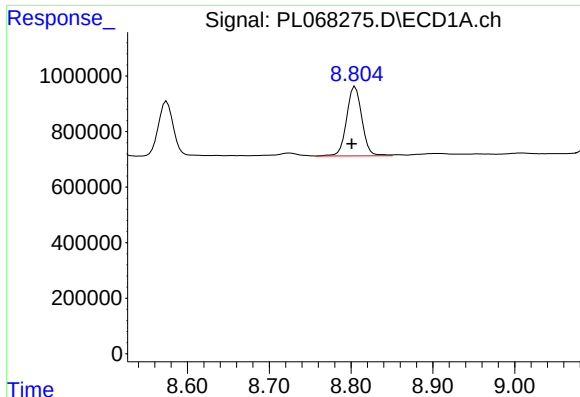
#18 Endrin aldehyde

R.T.: 8.575 min
Delta R.T.: 0.003 min
Response: 2510922
Conc: 6.34 ng/ml



#18 Endrin aldehyde

R.T.: 9.334 min
Delta R.T.: -0.001 min
Response: 4350672
Conc: 6.04 ng/ml m



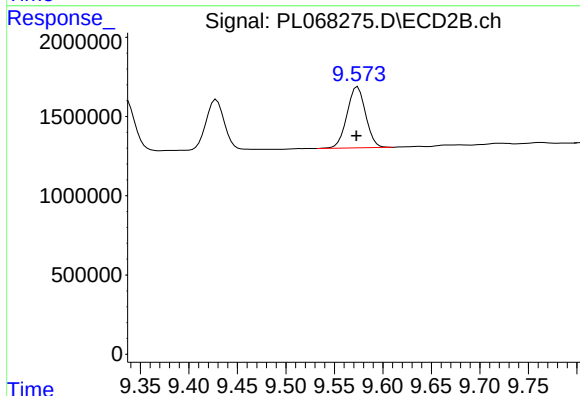
#19 Endosulfan Sulfate

R.T.: 8.805 min
Delta R.T.: 0.004 min
Response: 3210623
Conc: 6.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

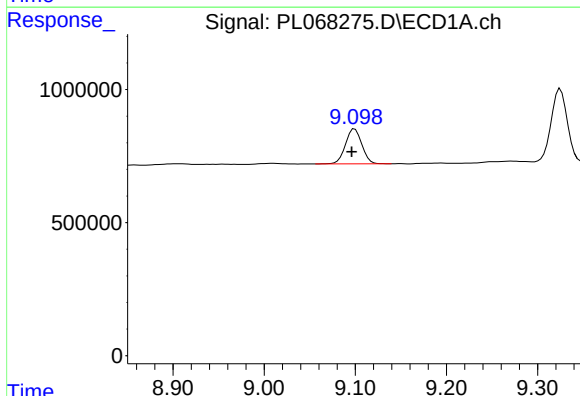
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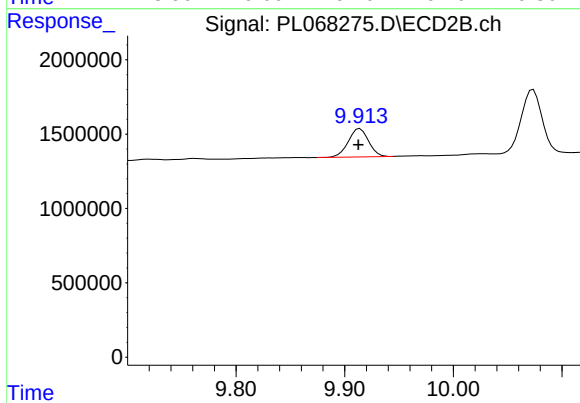
#19 Endosulfan Sulfate

R.T.: 9.574 min
Delta R.T.: 0.001 min
Response: 5152193
Conc: 5.72 ng/ml



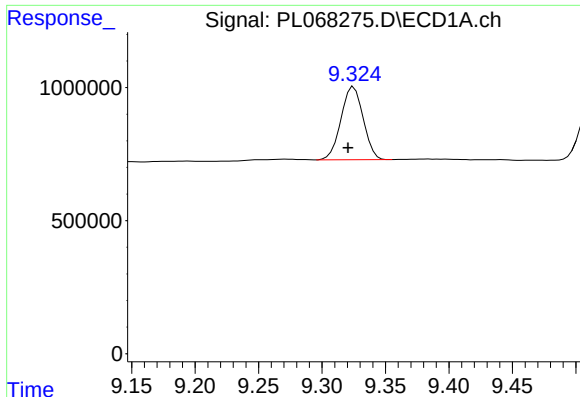
#20 Methoxychlor

R.T.: 9.099 min
Delta R.T.: 0.003 min
Response: 1645092
Conc: 5.26 ng/ml



#20 Methoxychlor

R.T.: 9.914 min
Delta R.T.: 0.002 min
Response: 2471190
Conc: 4.86 ng/ml



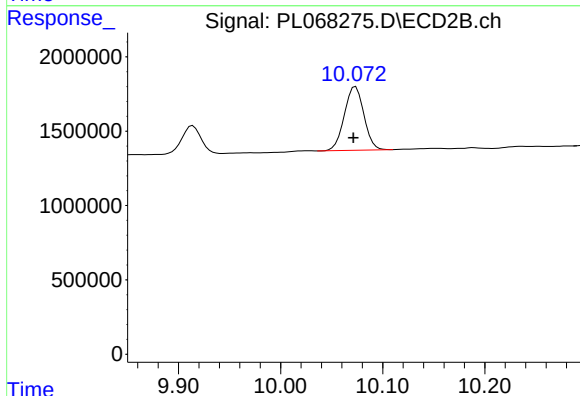
#21 Endrin ketone

R.T.: 9.325 min
Delta R.T.: 0.005 min
Response: 3337623
Conc: 5.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

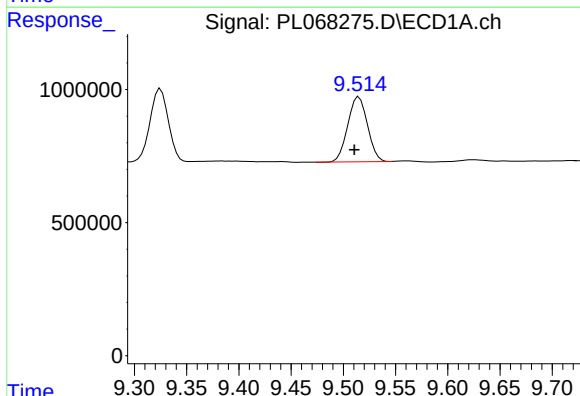
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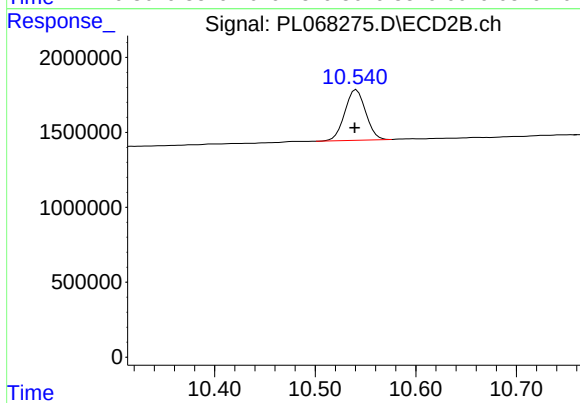
#21 Endrin ketone

R.T.: 10.074 min
Delta R.T.: 0.002 min
Response: 5696068
Conc: 5.71 ng/ml



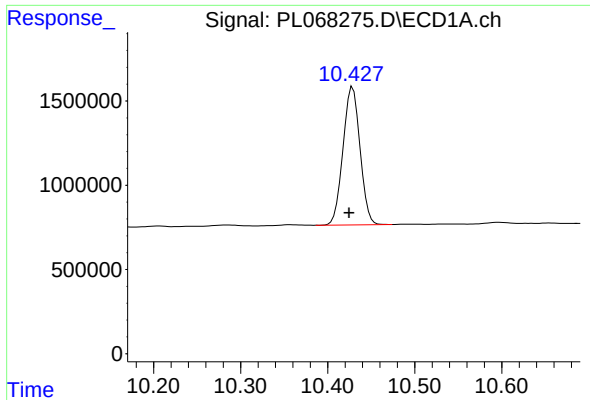
#22 Mirex

R.T.: 9.515 min
Delta R.T.: 0.004 min
Response: 3200649
Conc: 6.48 ng/ml



#22 Mirex

R.T.: 10.541 min
Delta R.T.: 0.002 min
Response: 4863001
Conc: 6.29 ng/ml



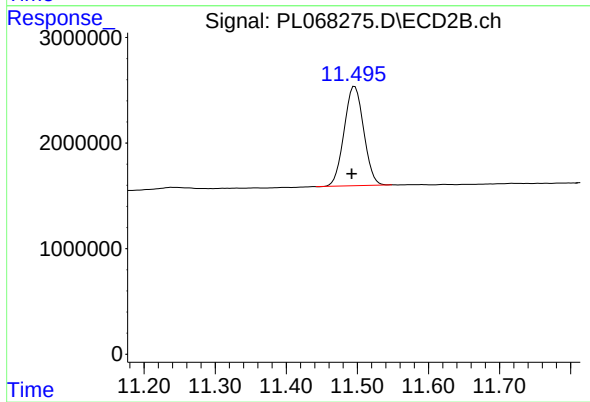
#28 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.004 min
Response: 11115731
Conc: 19.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations
APPROVED

mohammad
7/21/2021 3:54:19 PM



#28 Decachlorobiphenyl

R.T.: 11.496 min
Delta R.T.: 0.004 min
Response: 17976940
Conc: 20.15 ng/ml