

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062922\
 Data File : PL076107.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2022 14:55
 Operator : AR\AJ
 Sample : N3214-07
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/30/2022
 Supervised By :Ankita Jodhani 06/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 05:08:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 24 02:17:51 2022
 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...	5.642	4.632	14903987	35156051	19.706	18.536
28)	SA Decachlor...	11.633	10.371	13507720	29745128	21.466	19.367
Target Compounds							
2)	A alpha-BHC	6.225	5.333	2248610	5544475	2.276	2.268
3)	MA gamma-BHC...	6.623	5.754	2200674	5843672	2.377	2.528
4)	MA Heptachlor	7.278	6.161	2756805	6182135	3.005	2.725
5)	MB Aldrin	7.651	6.484	2015483	5249973	2.428	2.543
6)	B beta-BHC	6.877	6.133	1237970	3081781	2.827	2.954
7)	B delta-BHC	7.144	6.393	2009600	5856278	2.574	2.593
8)	B Heptachlo...	8.118	7.058	1992777	5532425	2.503m	2.884
9)	A Endosulfan I	8.528	7.460	2108153	4929652	2.916	2.808
10)	B gamma-Chl...	8.389	7.334	2381368	5767322	3.064	3.000
11)	B alpha-Chl...	8.471	7.403	2238566	5739892	2.883	2.999
12)	B 4,4'-DDE	8.657	7.615	1698144	4366786	2.512	2.573
13)	MA Dieldrin	8.818	7.745	1970292	4983768	2.684	2.770
14)	MA Endrin	9.057	8.035	1611318	4604258	2.584m	3.030
15)	B Endosulfa...	9.293	8.345	2104119	4122196	3.316	2.727
16)	A 4,4'-DDD	9.198	8.197	1532756	3707815	2.703	2.673m
17)	MA 4,4'-DDT	9.518	8.458	1790488	3797453	2.933	2.568
18)	B Endrin al...	9.427	8.532	1493042	3423470	2.891	2.868
19)	B Endosulfa...	9.665	8.762	1899786	4685269	2.963	3.054
20)	A Methoxychlor	10.004	9.050	1032343	2429784	3.010	2.853
21)	B Endrin ke...	10.171	9.280	2874370	4439953	3.988	2.687 #
22)	Mirex	10.640	9.466	1807344	4114597	3.360	3.075

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062922\
Data File : PL076107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2022 14:55
Operator : AR\AJ
Sample : N3214-07
Misc : PEST LOD 2.5 PPB
ALS Vial : 11 Sample Multiplier: 1

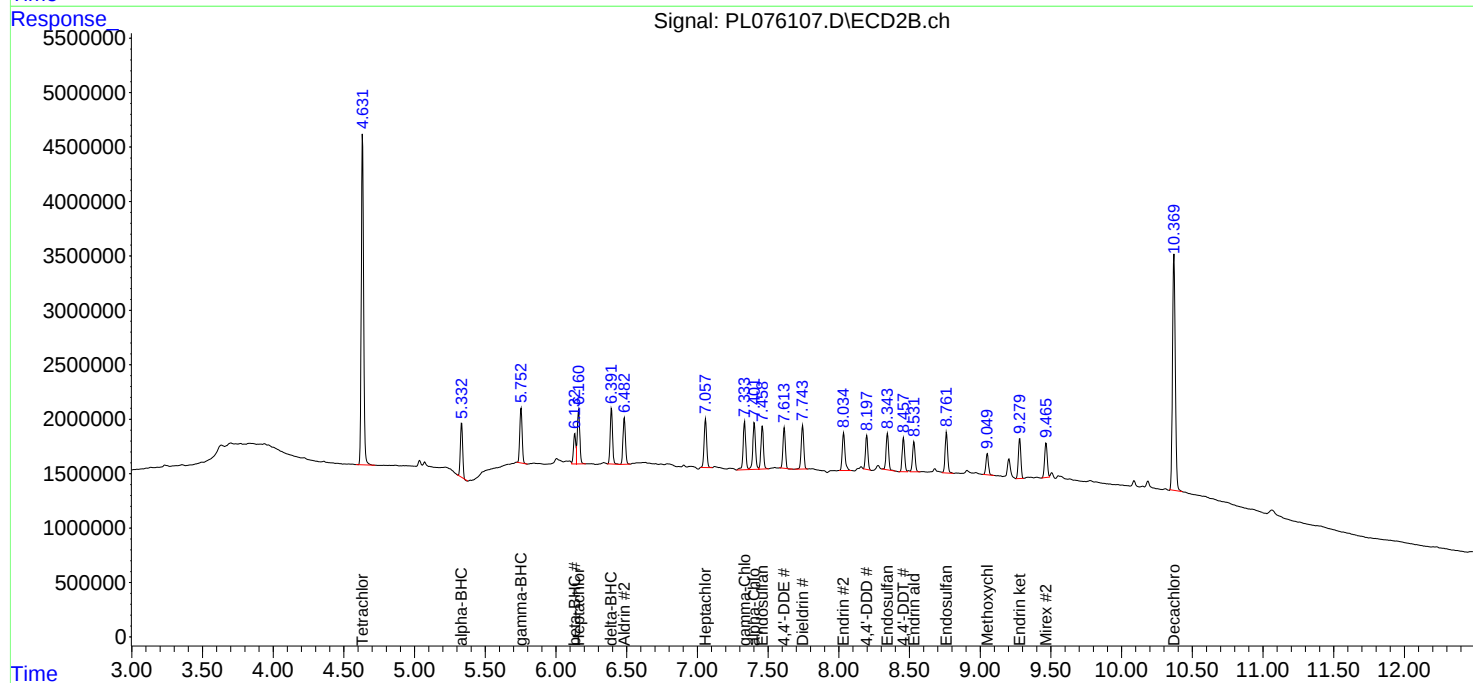
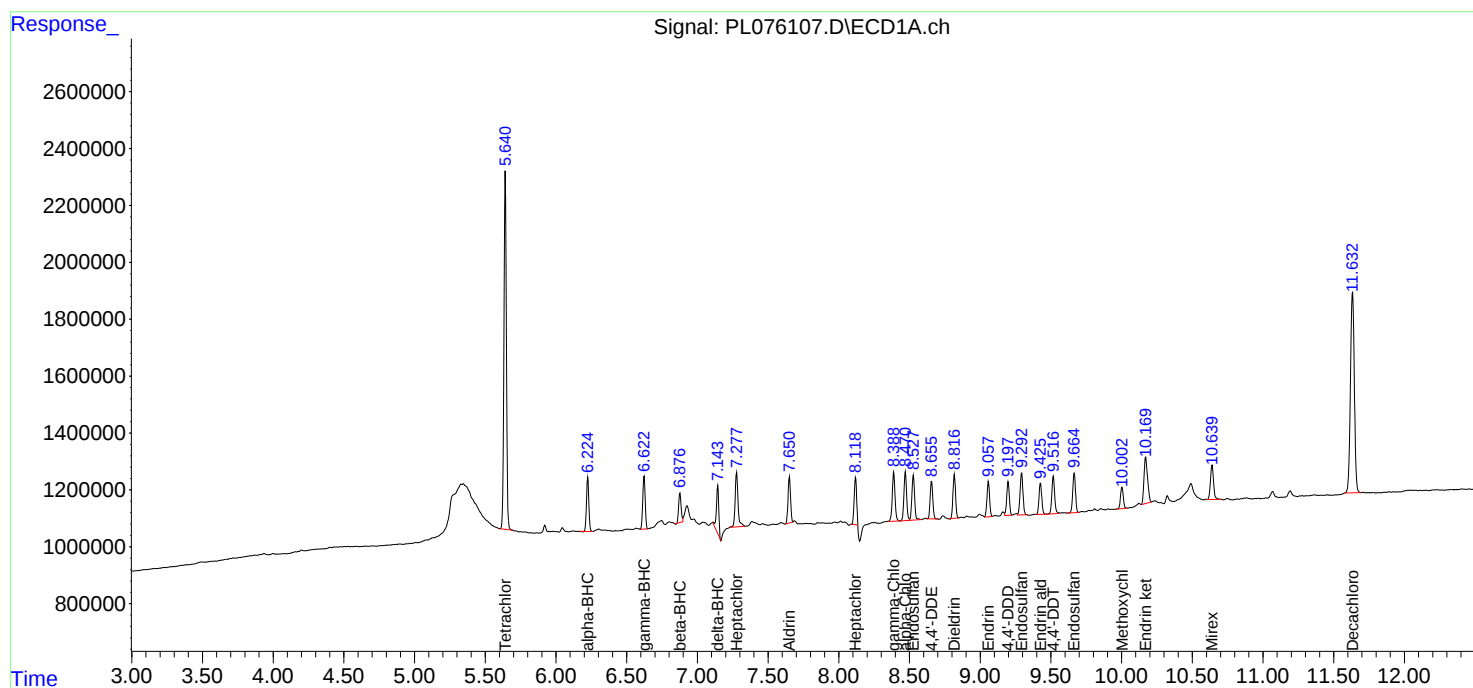
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

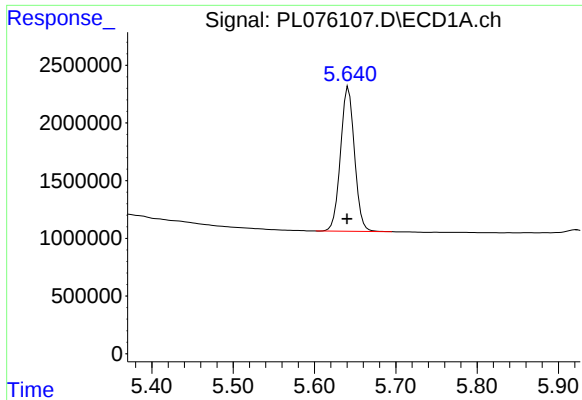
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 30 05:08:51 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
Quant Title : GC Extractables
QLast Update : Fri Jun 24 02:17:51 2022
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Volume 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





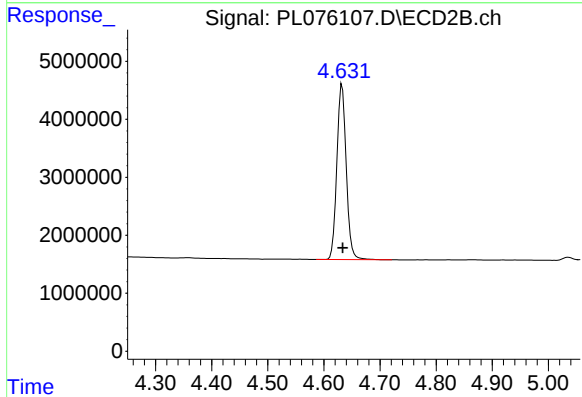
#1 Tetrachloro-m-xylene

R.T.: 5.642 min
Delta R.T.: 0.002 min
Response: 14903987
Conc: 19.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

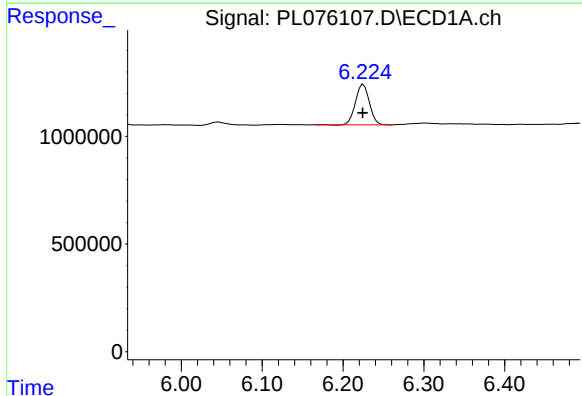
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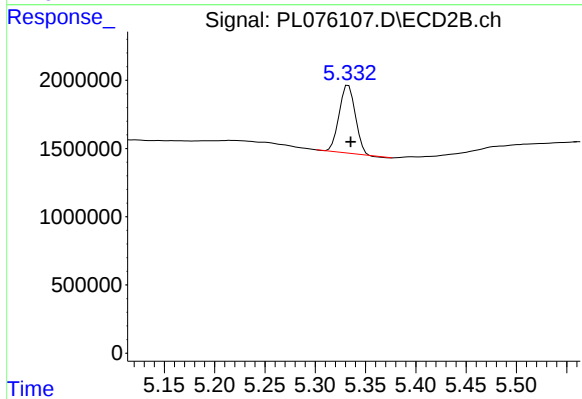
#1 Tetrachloro-m-xylene

R.T.: 4.632 min
Delta R.T.: -0.001 min
Response: 35156051
Conc: 18.54 ng/ml



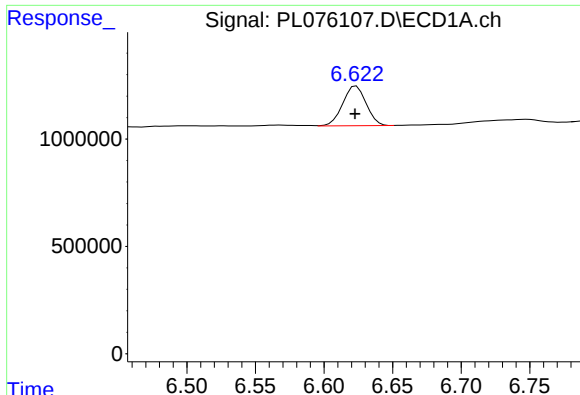
#2 alpha-BHC

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 2248610
Conc: 2.28 ng/ml



#2 alpha-BHC

R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 5544475
Conc: 2.27 ng/ml



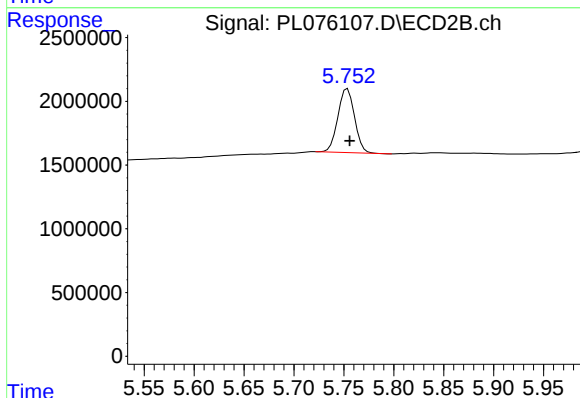
#3 gamma-BHC (Lindane)

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 2200674
Conc: 2.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

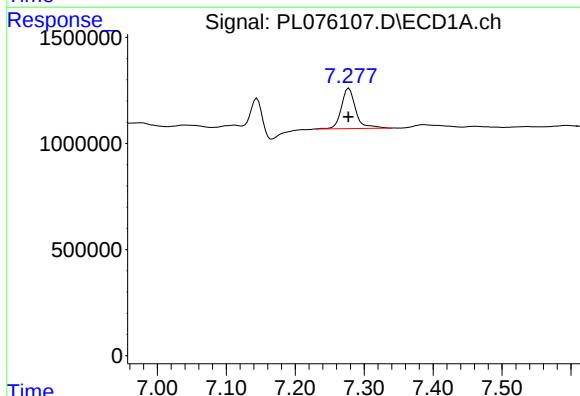
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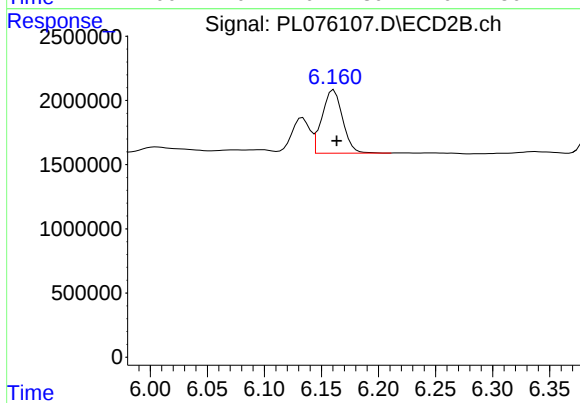
#3 gamma-BHC (Lindane)

R.T.: 5.754 min
Delta R.T.: -0.002 min
Response: 5843672
Conc: 2.53 ng/ml



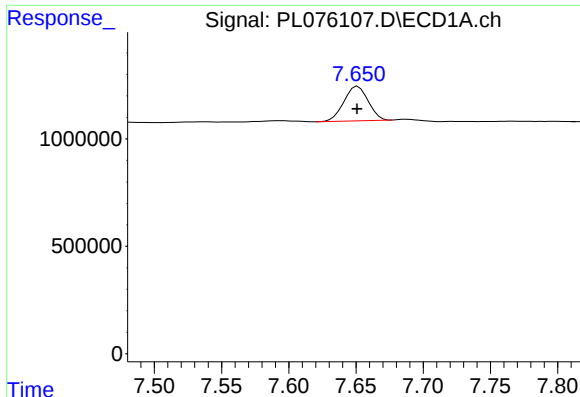
#4 Heptachlor

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 2756805
Conc: 3.01 ng/ml



#4 Heptachlor

R.T.: 6.161 min
Delta R.T.: -0.002 min
Response: 6182135
Conc: 2.72 ng/ml



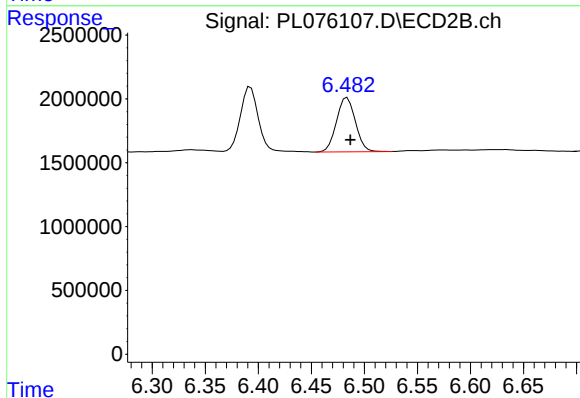
#5 Aldrin

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 2015483
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

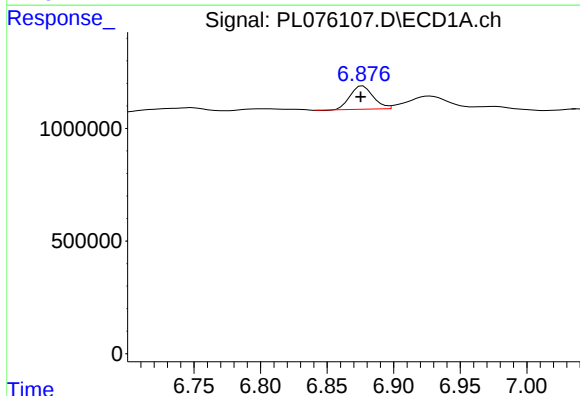
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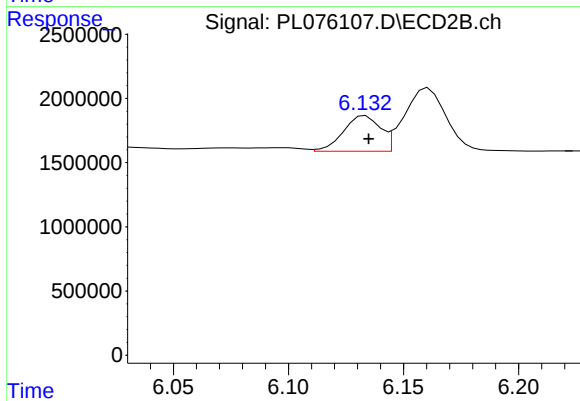
#5 Aldrin

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 5249973
Conc: 2.54 ng/ml



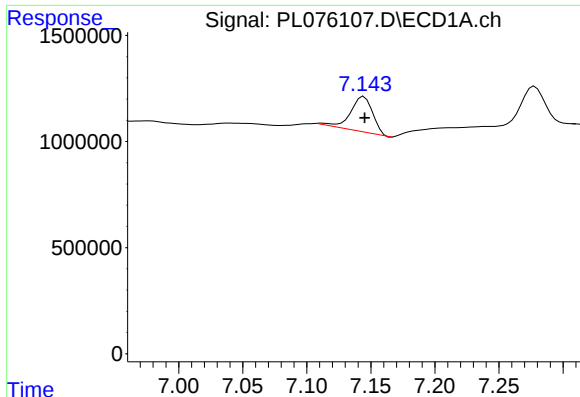
#6 beta-BHC

R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 1237970
Conc: 2.83 ng/ml



#6 beta-BHC

R.T.: 6.133 min
Delta R.T.: -0.001 min
Response: 3081781
Conc: 2.95 ng/ml



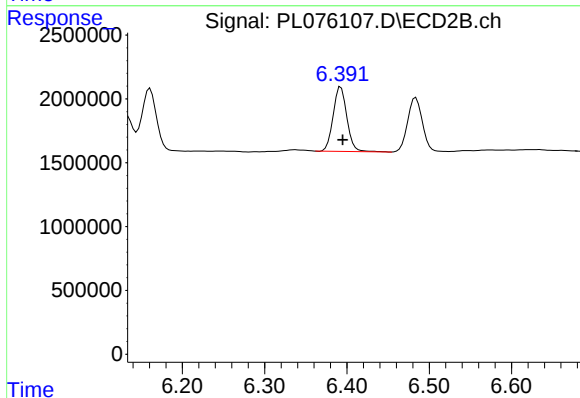
#7 delta-BHC

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 2009600
Conc: 2.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

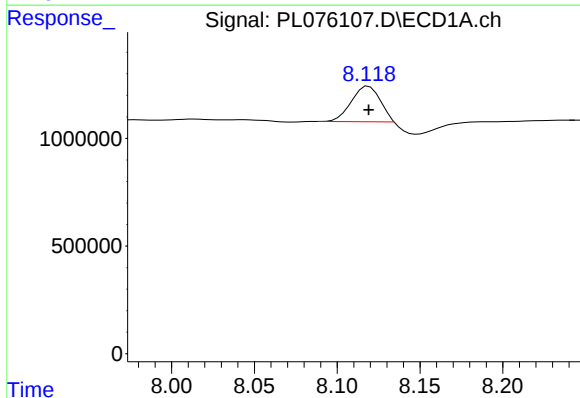
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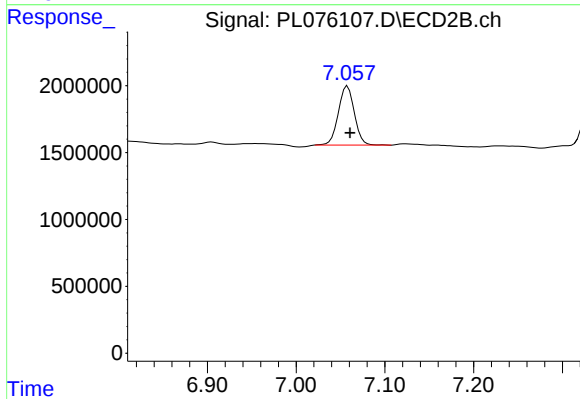
#7 delta-BHC

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 5856278
Conc: 2.59 ng/ml



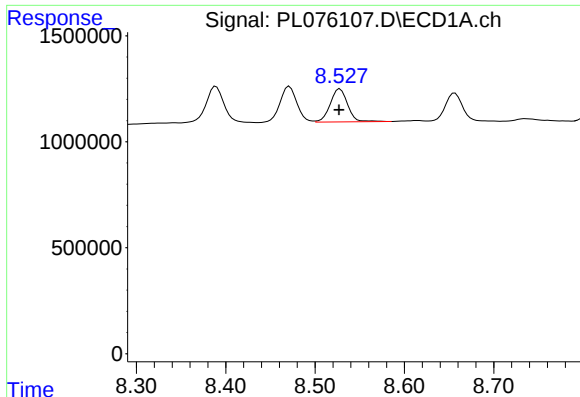
#8 Heptachlor epoxide

R.T.: 8.118 min
Delta R.T.: -0.001 min
Response: 1992777
Conc: 2.50 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 5532425
Conc: 2.88 ng/ml



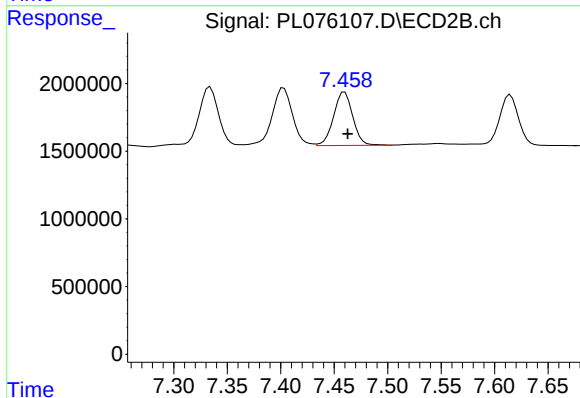
#9 Endosulfan I

R.T.: 8.528 min
Delta R.T.: 0.001 min
Response: 2108153
Conc: 2.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

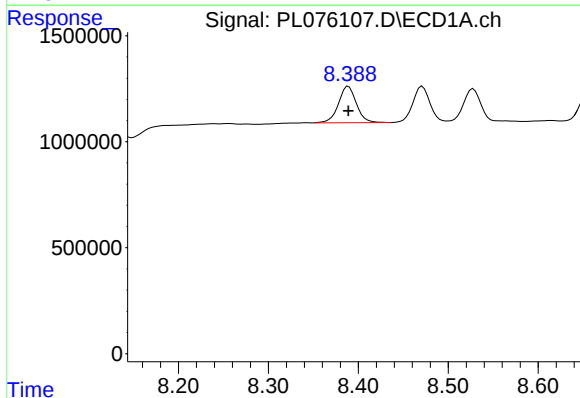
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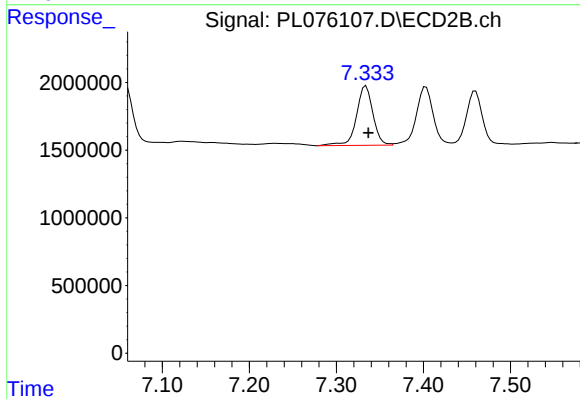
#9 Endosulfan I

R.T.: 7.460 min
Delta R.T.: -0.003 min
Response: 4929652
Conc: 2.81 ng/ml



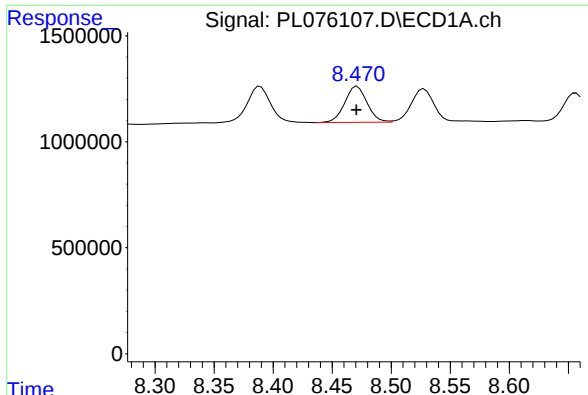
#10 gamma-Chlordane

R.T.: 8.389 min
Delta R.T.: 0.000 min
Response: 2381368
Conc: 3.06 ng/ml



#10 gamma-Chlordane

R.T.: 7.334 min
Delta R.T.: -0.003 min
Response: 5767322
Conc: 3.00 ng/ml



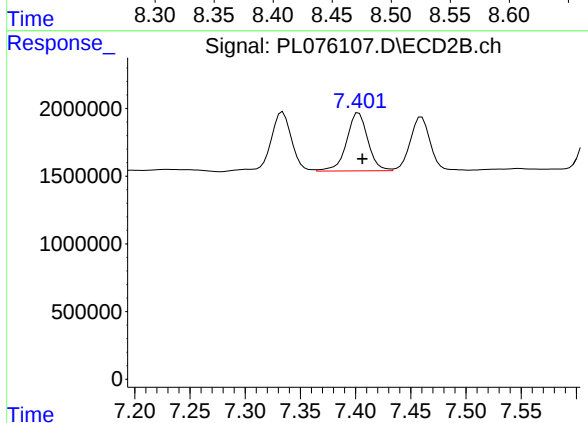
#11 alpha-Chlordane

R.T.: 8.471 min
Delta R.T.: 0.000 min
Response: 2238566
Conc: 2.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

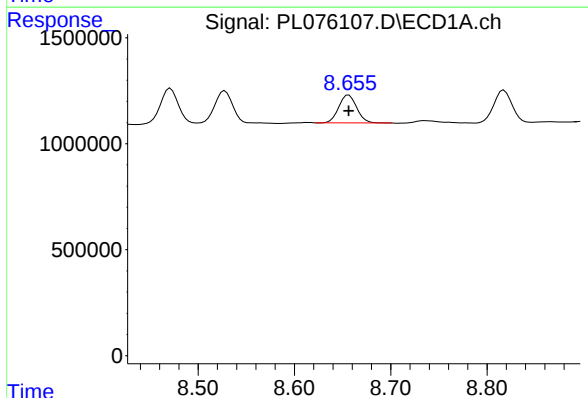
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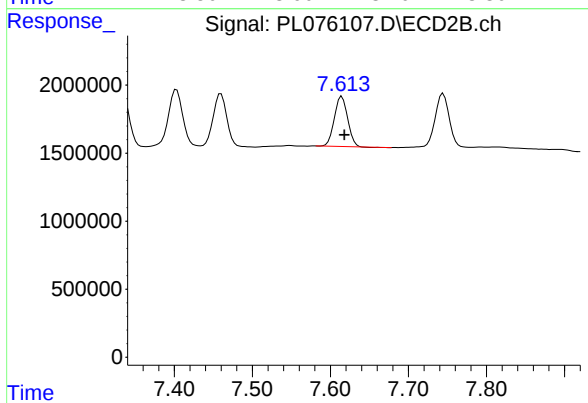
#11 alpha-Chlordane

R.T.: 7.403 min
Delta R.T.: -0.003 min
Response: 5739892
Conc: 3.00 ng/ml



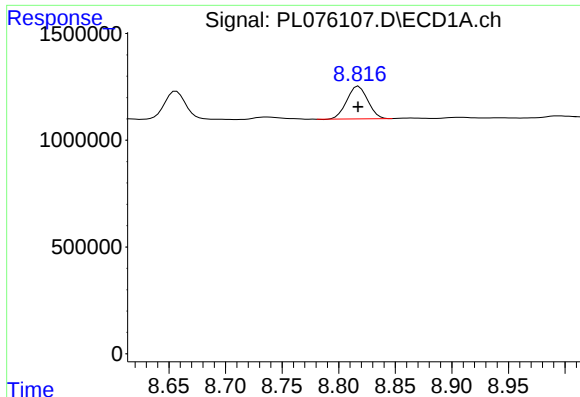
#12 4,4'-DDE

R.T.: 8.657 min
Delta R.T.: 0.000 min
Response: 1698144
Conc: 2.51 ng/ml



#12 4,4'-DDE

R.T.: 7.615 min
Delta R.T.: -0.003 min
Response: 4366786
Conc: 2.57 ng/ml



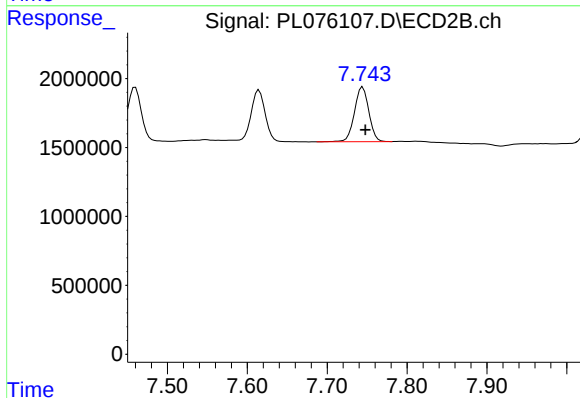
#13 Dieldrin

R.T.: 8.818 min
Delta R.T.: 0.000 min
Response: 1970292
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

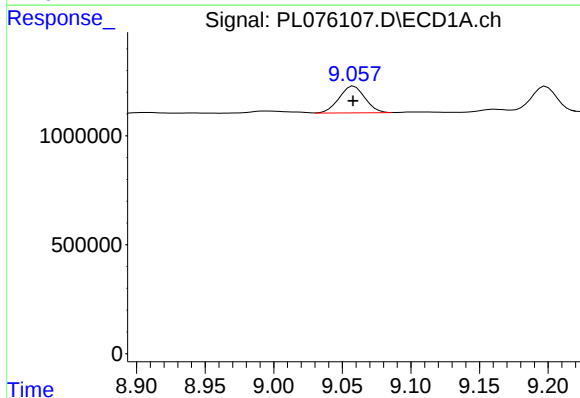
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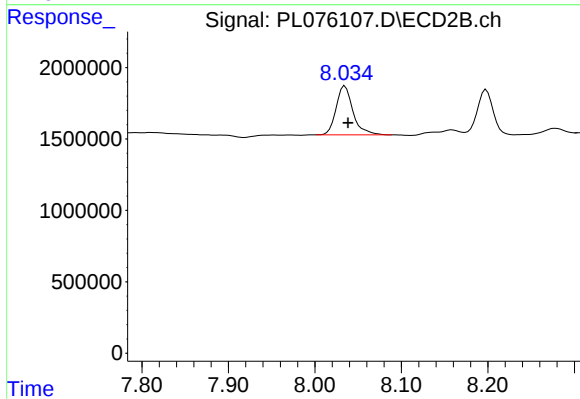
#13 Dieldrin

R.T.: 7.745 min
Delta R.T.: -0.003 min
Response: 4983768
Conc: 2.77 ng/ml



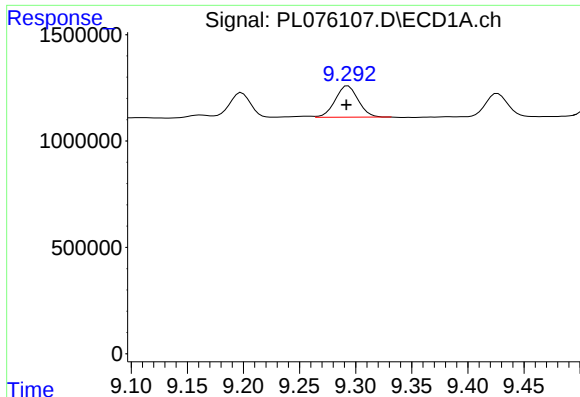
#14 Endrin

R.T.: 9.057 min
Delta R.T.: 0.000 min
Response: 1611318
Conc: 2.58 ng/ml m



#14 Endrin

R.T.: 8.035 min
Delta R.T.: -0.003 min
Response: 4604258
Conc: 3.03 ng/ml



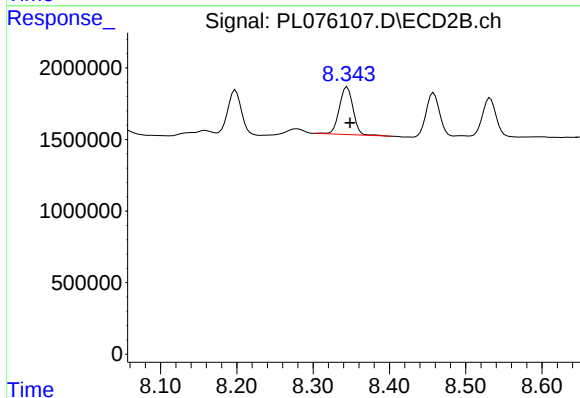
#15 Endosulfan II

R.T.: 9.293 min
Delta R.T.: 0.002 min
Response: 2104119
Conc: 3.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
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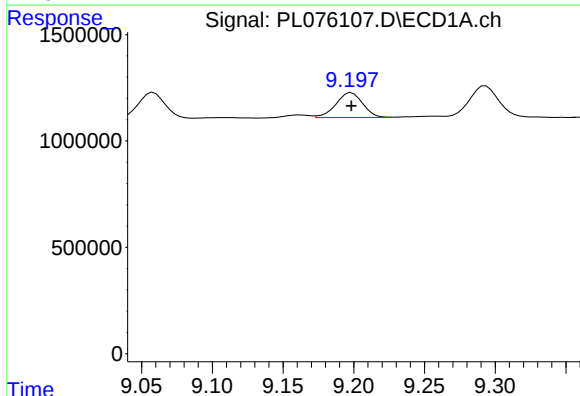
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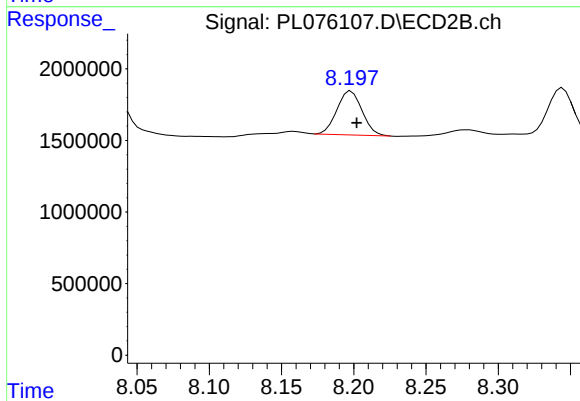
#15 Endosulfan II

R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 4122196
Conc: 2.73 ng/ml



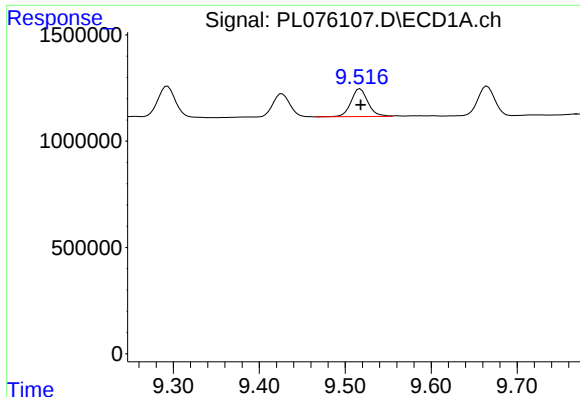
#16 4,4'-DDD

R.T.: 9.198 min
Delta R.T.: 0.000 min
Response: 1532756
Conc: 2.70 ng/ml



#16 4,4'-DDD

R.T.: 8.197 min
Delta R.T.: -0.005 min
Response: 3707815
Conc: 2.67 ng/ml m



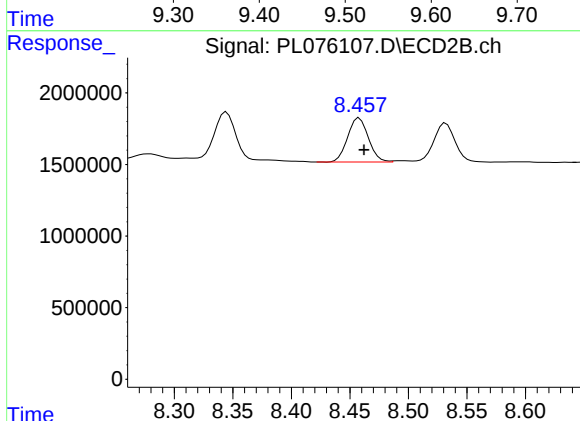
#17 4,4'-DDT

R.T.: 9.518 min
Delta R.T.: 0.000 min
Response: 1790488
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

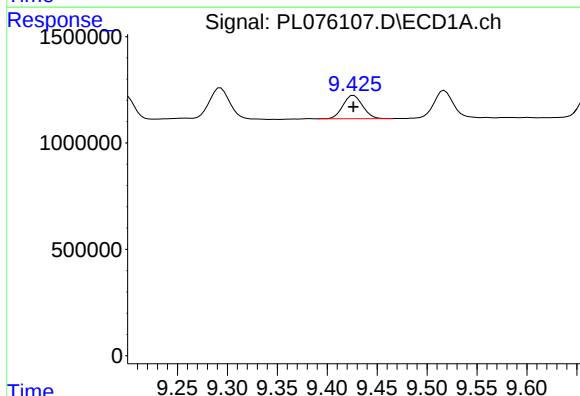
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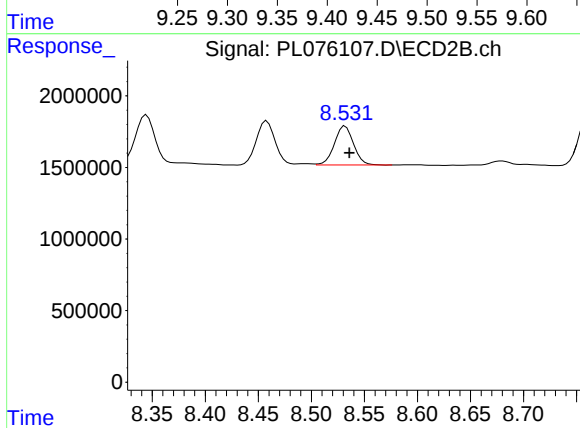
#17 4,4'-DDT

R.T.: 8.458 min
Delta R.T.: -0.004 min
Response: 3797453
Conc: 2.57 ng/ml



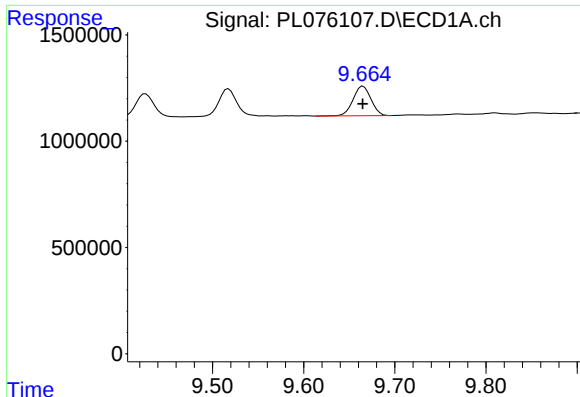
#18 Endrin aldehyde

R.T.: 9.427 min
Delta R.T.: 0.000 min
Response: 1493042
Conc: 2.89 ng/ml



#18 Endrin aldehyde

R.T.: 8.532 min
Delta R.T.: -0.004 min
Response: 3423470
Conc: 2.87 ng/ml



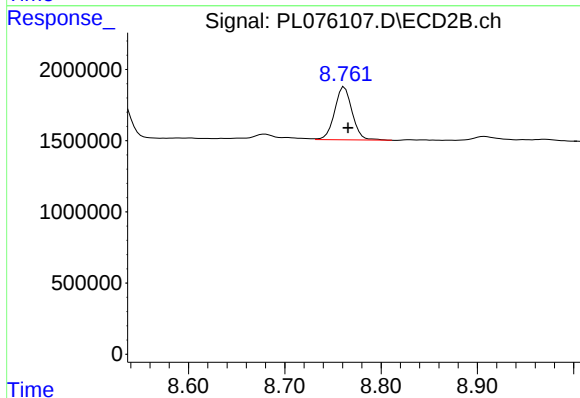
#19 Endosulfan Sulfate

R.T.: 9.665 min
Delta R.T.: 0.000 min
Response: 1899786
Conc: 2.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
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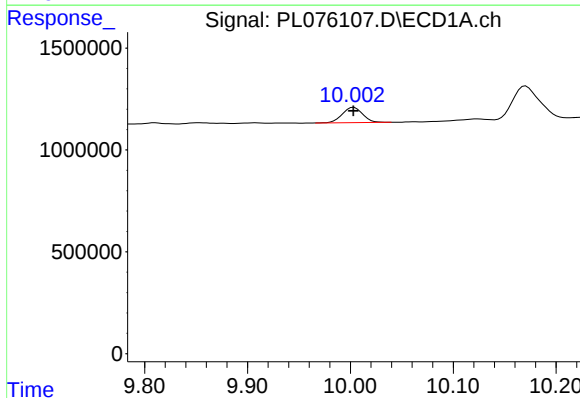
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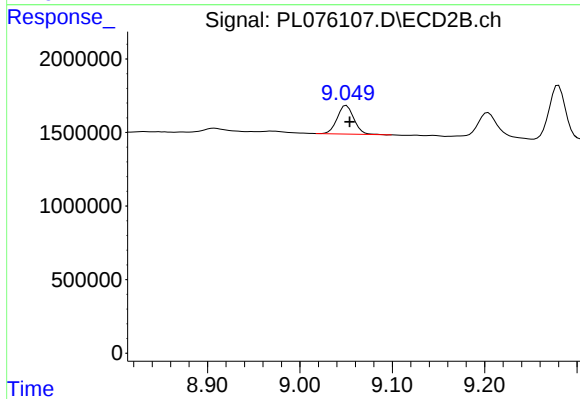
#19 Endosulfan Sulfate

R.T.: 8.762 min
Delta R.T.: -0.004 min
Response: 4685269
Conc: 3.05 ng/ml



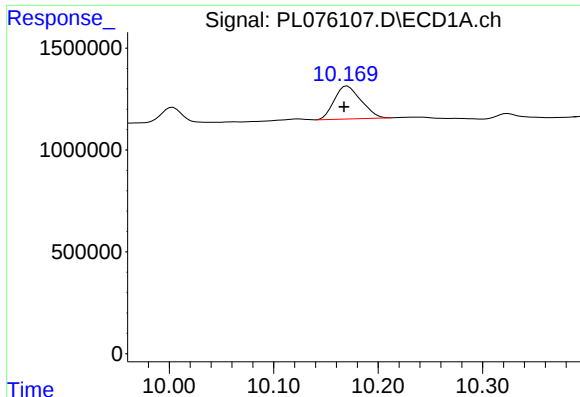
#20 Methoxychlor

R.T.: 10.004 min
Delta R.T.: 0.000 min
Response: 1032343
Conc: 3.01 ng/ml



#20 Methoxychlor

R.T.: 9.050 min
Delta R.T.: -0.004 min
Response: 2429784
Conc: 2.85 ng/ml



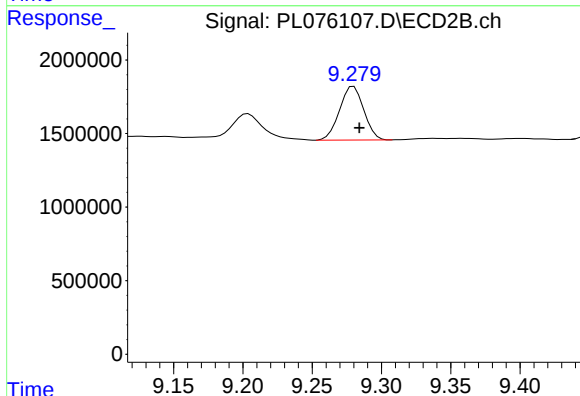
#21 Endrin ketone

R.T.: 10.171 min
Delta R.T.: 0.003 min
Response: 2874370
Conc: 3.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

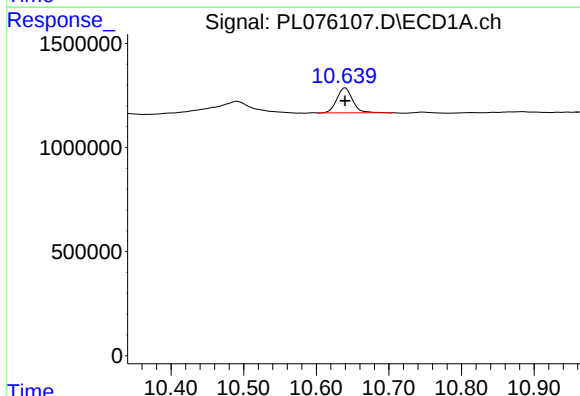
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2022
Supervised By :Ankita Jodhani 06/30/2022



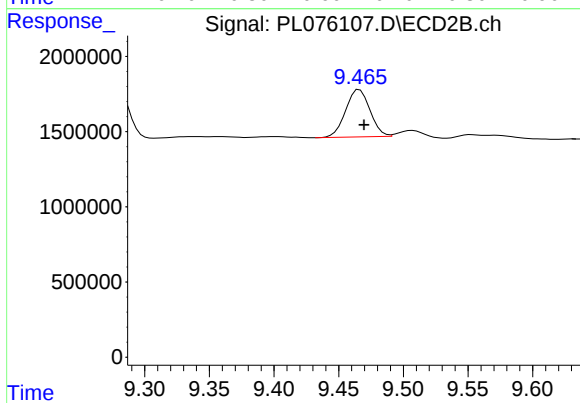
#21 Endrin ketone

R.T.: 9.280 min
Delta R.T.: -0.004 min
Response: 4439953
Conc: 2.69 ng/ml



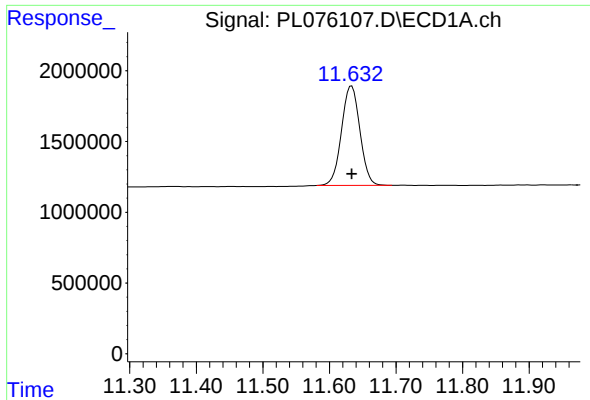
#22 Mirex

R.T.: 10.640 min
Delta R.T.: 0.000 min
Response: 1807344
Conc: 3.36 ng/ml



#22 Mirex

R.T.: 9.466 min
Delta R.T.: -0.004 min
Response: 4114597
Conc: 3.07 ng/ml



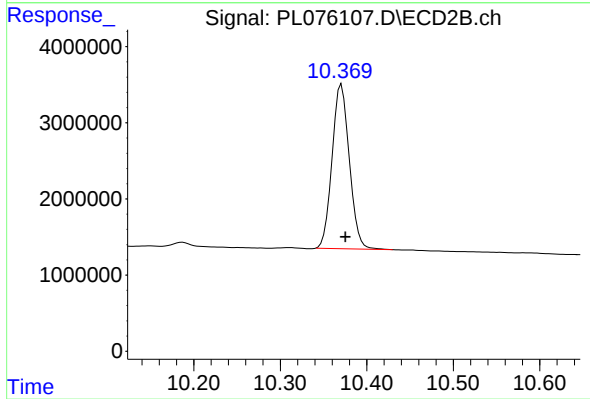
#28 Decachlorobiphenyl

R.T.: 11.633 min
Delta R.T.: 0.000 min
Response: 13507720
Conc: 21.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 10.371 min
Delta R.T.: -0.005 min
Response: 29745128
Conc: 19.37 ng/ml