

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080522\
 Data File : PL076934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 17:02
 Operator : AR\AJ
 Sample : N3980-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2022
 Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 00:57:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080122.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 01 16:34:20 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...	3.419	2.638	16932960	44493039	17.787	19.277
28)	SA Decachlor...	8.907	7.742	15728755	40014629	19.793	20.813
Target Compounds							
2)	A alpha-BHC	3.883	3.131	1040727	3384344	0.756	1.019 #
3)	MA gamma-BHC...	4.219	3.456	1466766	2929561	1.157	1.024
4)	MA Heptachlor	4.795	3.789	1427481	2725692	1.167	0.949
5)	MB Aldrin	5.136	4.064	997126	2959772	0.857	1.065
6)	B beta-BHC	4.431	3.754	545978	1355327	1.033	1.113
7)	B delta-BHC	4.674	3.978	619500	3271571	0.658	1.068 #
8)	B Heptachlo...	5.568	4.563	1203247	2944886	1.287	1.204
9)	A Endosulfan I	5.954	4.929	990064	2558592	1.031	1.205
10)	B gamma-Chl...	5.823	4.813	1043740	2839901	1.021	1.160
11)	B alpha-Chl...	5.901	4.875	1043139	2706364	0.995	1.128
12)	B 4,4'-DDE	6.080	5.069	839951	2543749	0.890	1.092
13)	MA Dieldrin	6.231	5.191	976111	2996830	0.956	1.236m#
14)	MA Endrin	6.463	5.463	699679	1978044	0.759	0.914m
15)	B Endosulfa...	6.691	5.759	896234	4575056	1.000	2.072 #
16)	A 4,4'-DDD	6.599	5.621	1608390	2346736	1.882m	1.257 #
17)	MA 4,4'-DDT	6.914	5.870	723896	1292430	0.860	0.692
18)	B Endrin al...	6.821	5.940	695455	1618482	0.945	1.004
19)	B Endosulfa...	7.054	6.162	888599	2027313	1.033	1.057
20)	A Methoxychlor	7.395	6.449	391142	923982	0.812	0.905
21)	B Endrin ke...	7.543	6.662	1036949	2202399	1.113	1.055
22)	Mirex	8.003	6.839	961483	1891326	1.302	1.174

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080522\
Data File : PL076934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2022 17:02
Operator : AR\AJ
Sample : N3980-09
Misc : PEST MDL 1 PPB
ALS Vial : 18 Sample Multiplier: 1

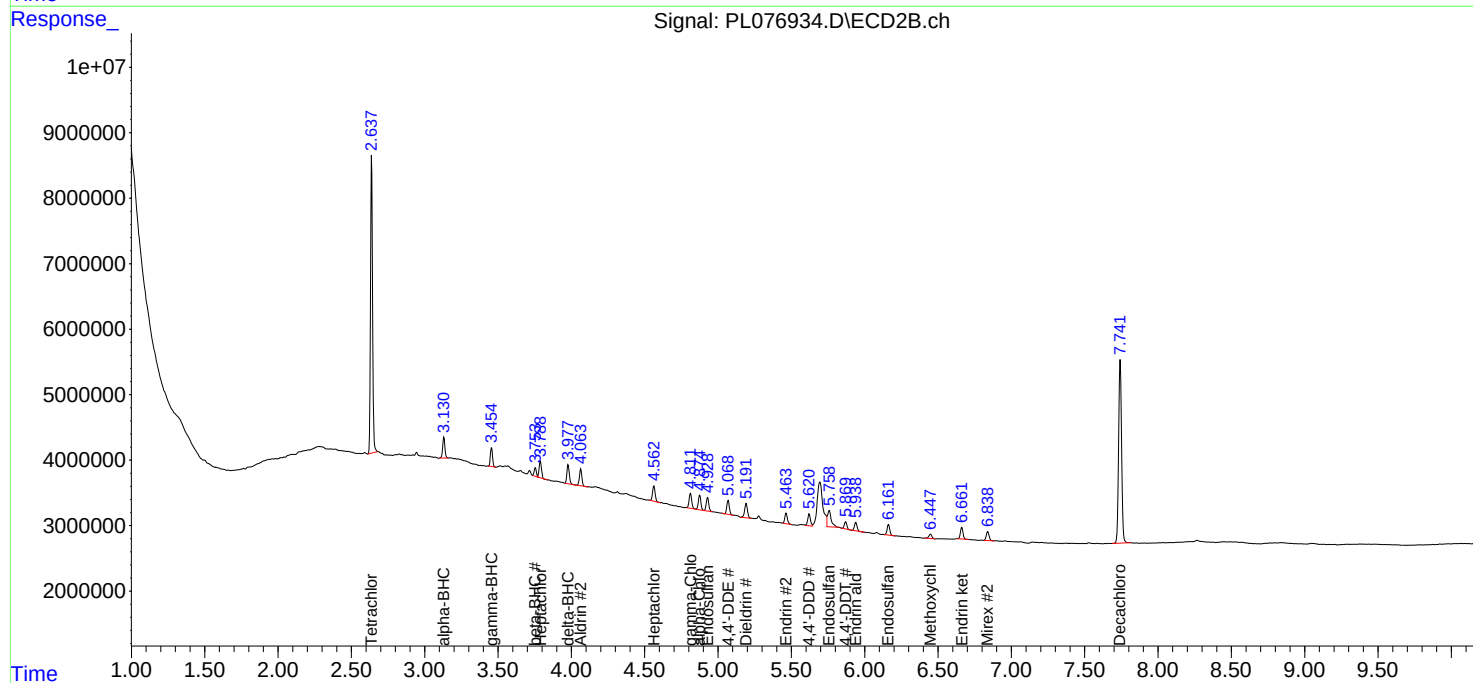
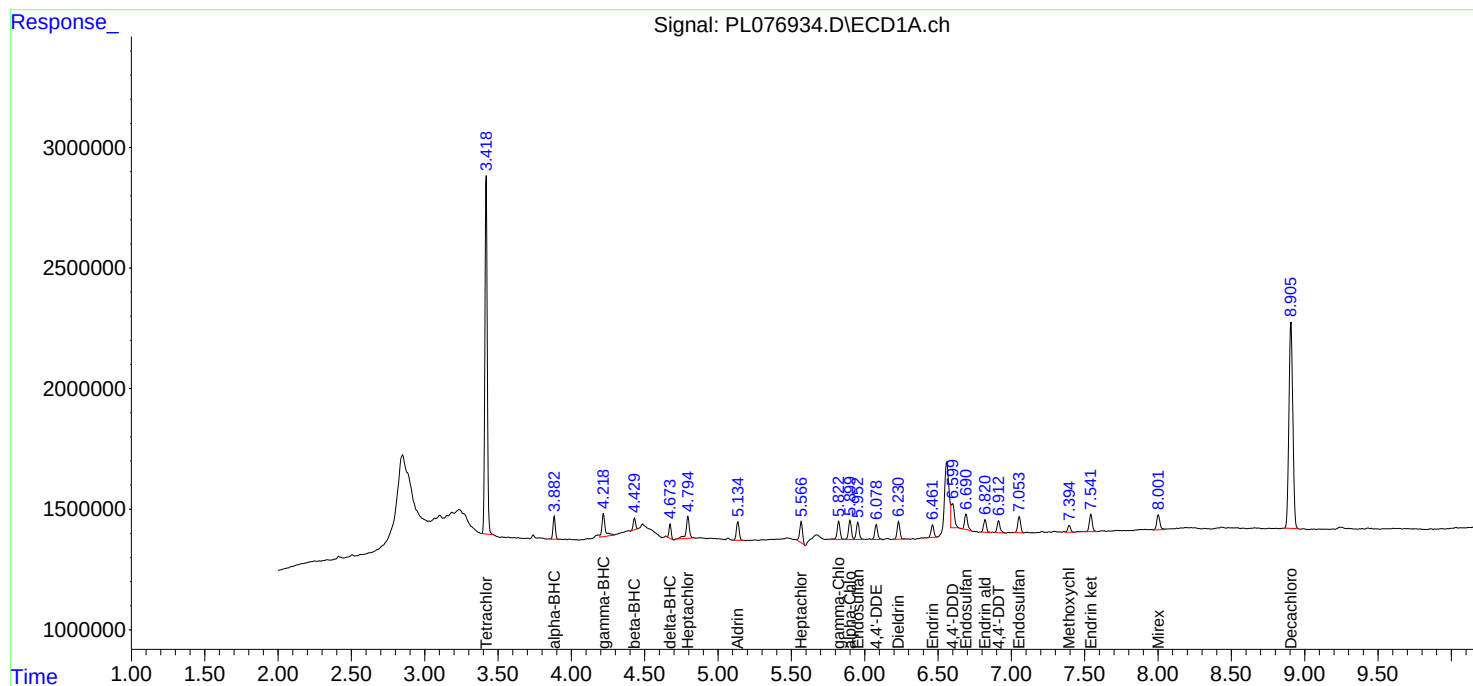
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2022

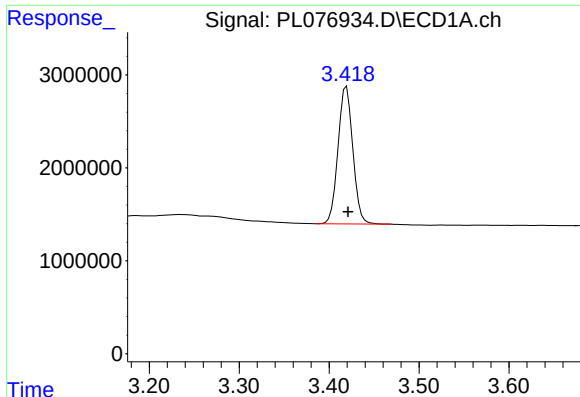
Manual Integrations
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Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 00:57:39 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080122.M
Quant Title : GC Extractables
QLast Update : Mon Aug 01 16:34:20 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





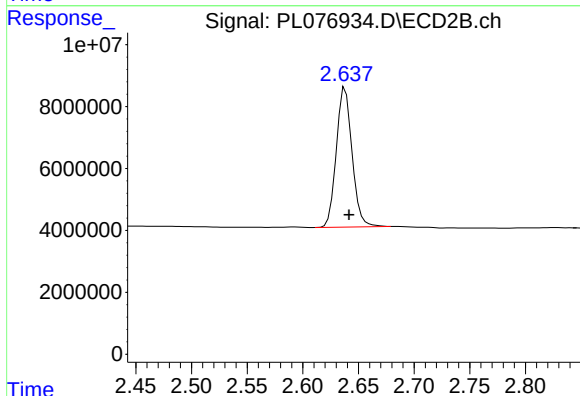
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: -0.002 min
Response: 16932960
Conc: 17.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2022

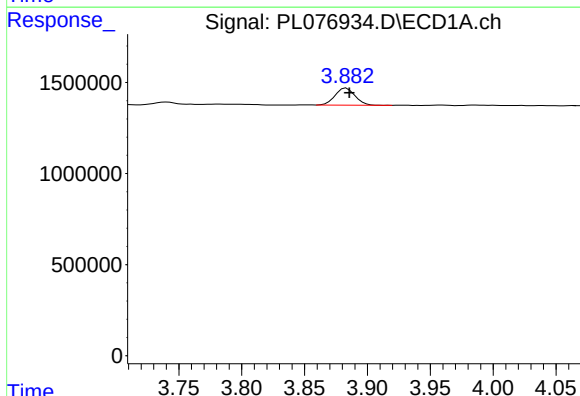
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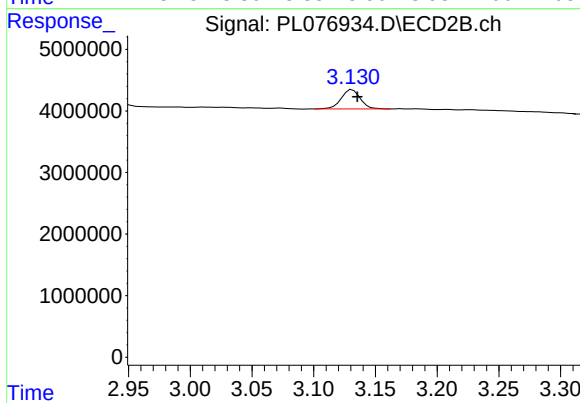
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.003 min
Response: 44493039
Conc: 19.28 ng/ml



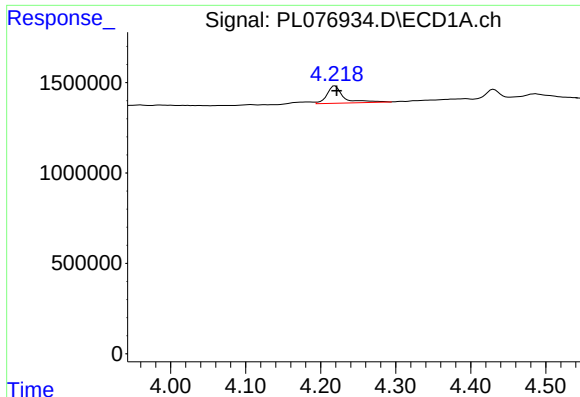
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: -0.002 min
Response: 1040727
Conc: 0.76 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.004 min
Response: 3384344
Conc: 1.02 ng/ml



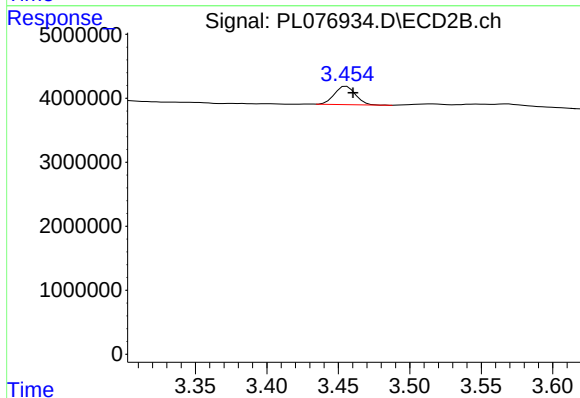
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 1466766
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2022

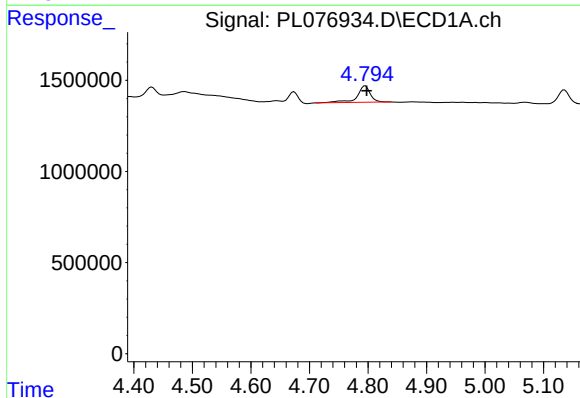
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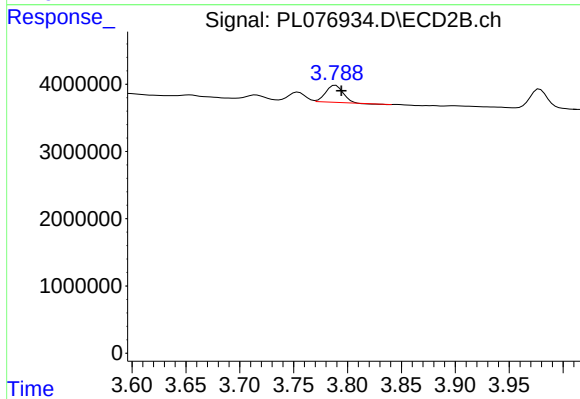
#3 gamma-BHC (Lindane)

R.T.: 3.456 min
Delta R.T.: -0.004 min
Response: 2929561
Conc: 1.02 ng/ml



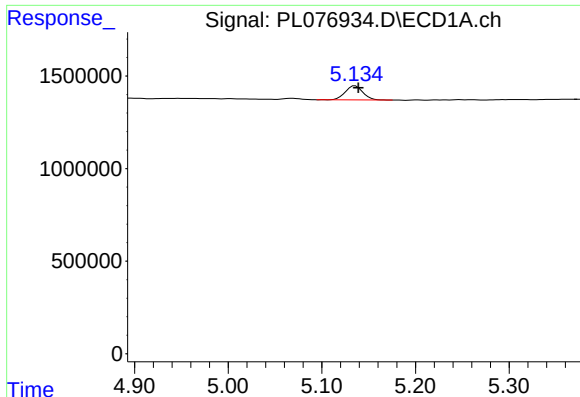
#4 Heptachlor

R.T.: 4.795 min
Delta R.T.: -0.003 min
Response: 1427481
Conc: 1.17 ng/ml



#4 Heptachlor

R.T.: 3.789 min
Delta R.T.: -0.005 min
Response: 2725692
Conc: 0.95 ng/ml



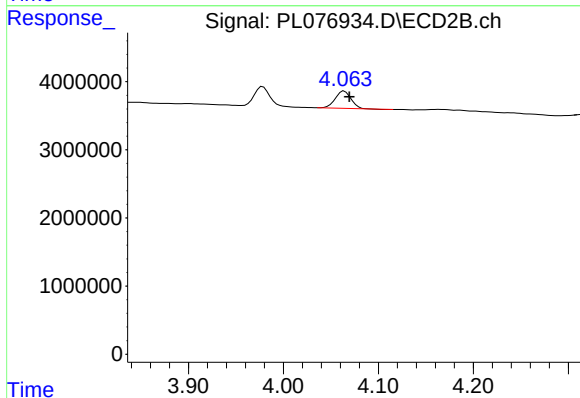
#5 Aldrin

R.T.: 5.136 min
Delta R.T.: -0.003 min
Response: 997126
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2022

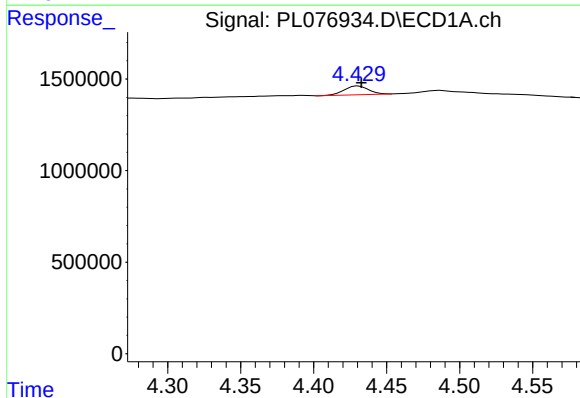
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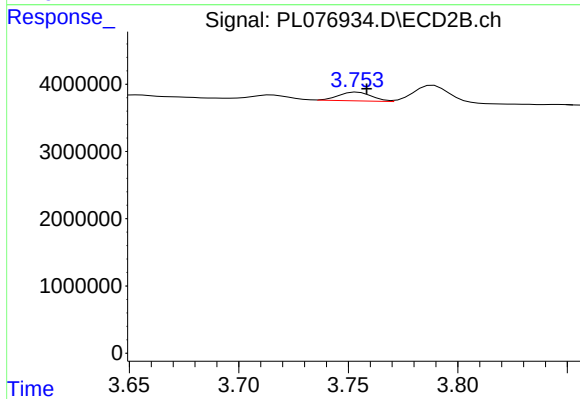
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.005 min
Response: 2959772
Conc: 1.06 ng/ml



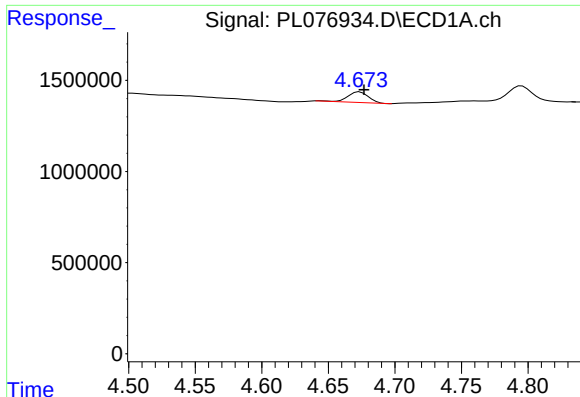
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: -0.002 min
Response: 545978
Conc: 1.03 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: -0.004 min
Response: 1355327
Conc: 1.11 ng/ml



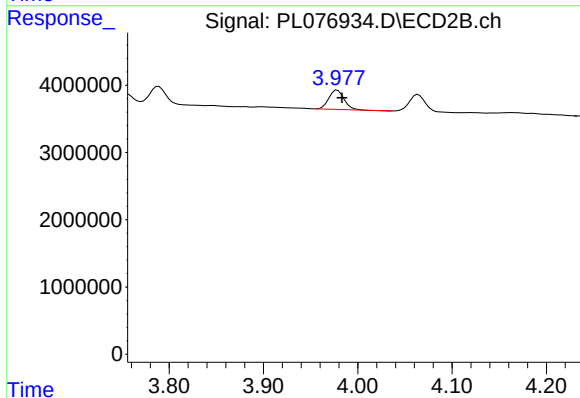
#7 delta-BHC

R.T.: 4.674 min
Delta R.T.: -0.003 min
Response: 619500
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2022

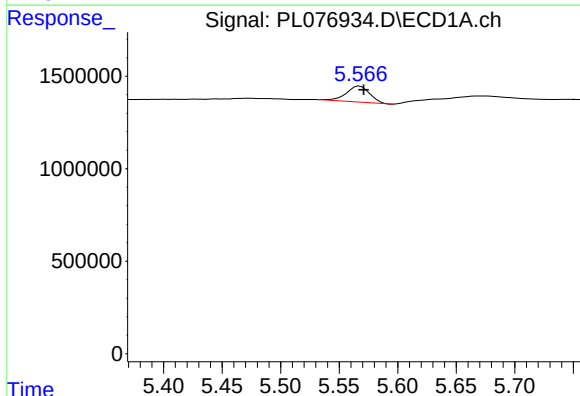
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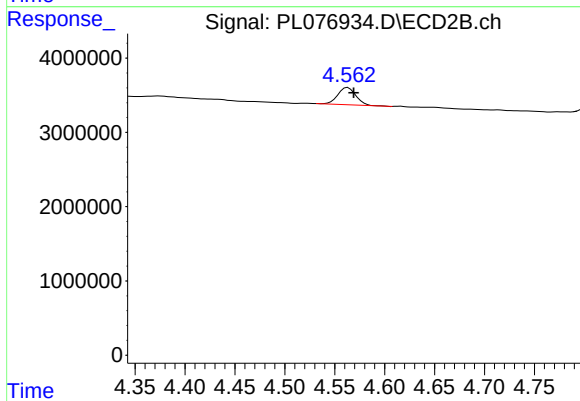
#7 delta-BHC

R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 3271571
Conc: 1.07 ng/ml



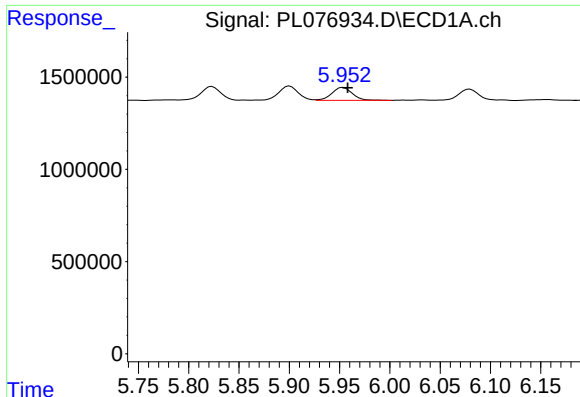
#8 Heptachlor epoxide

R.T.: 5.568 min
Delta R.T.: -0.003 min
Response: 1203247
Conc: 1.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.563 min
Delta R.T.: -0.006 min
Response: 2944886
Conc: 1.20 ng/ml



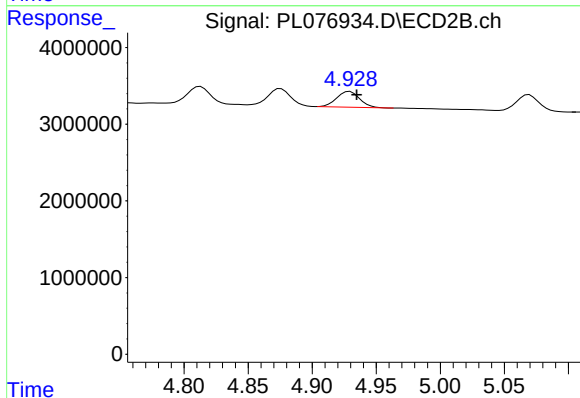
#9 Endosulfan I

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 990064
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2022

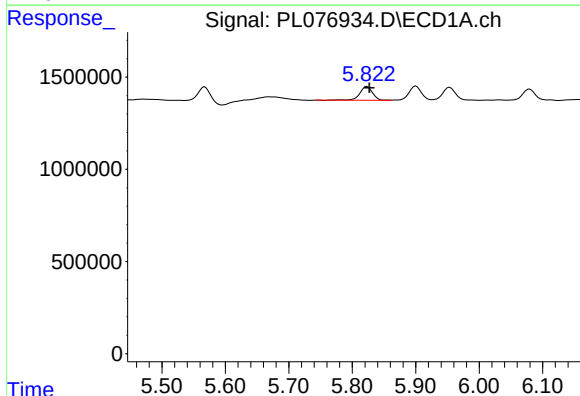
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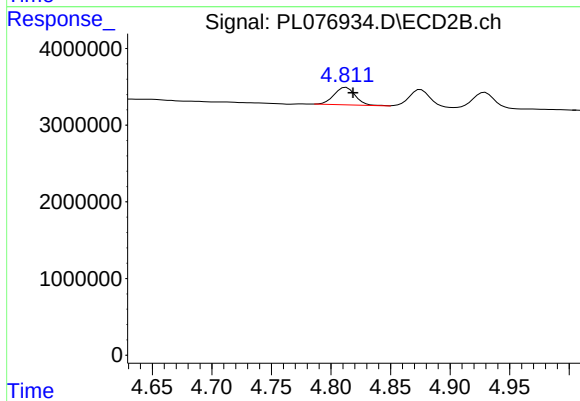
#9 Endosulfan I

R.T.: 4.929 min
Delta R.T.: -0.006 min
Response: 2558592
Conc: 1.20 ng/ml



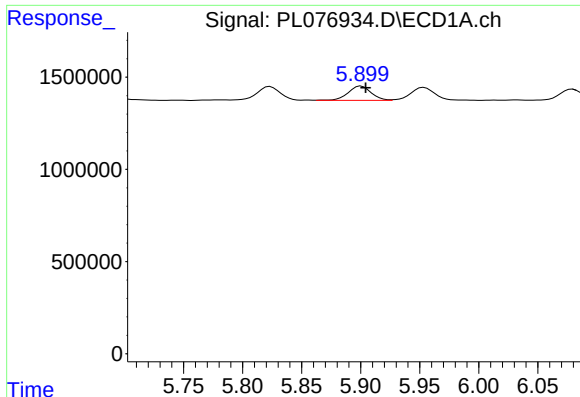
#10 gamma-Chlordane

R.T.: 5.823 min
Delta R.T.: -0.004 min
Response: 1043740
Conc: 1.02 ng/ml



#10 gamma-Chlordane

R.T.: 4.813 min
Delta R.T.: -0.006 min
Response: 2839901
Conc: 1.16 ng/ml



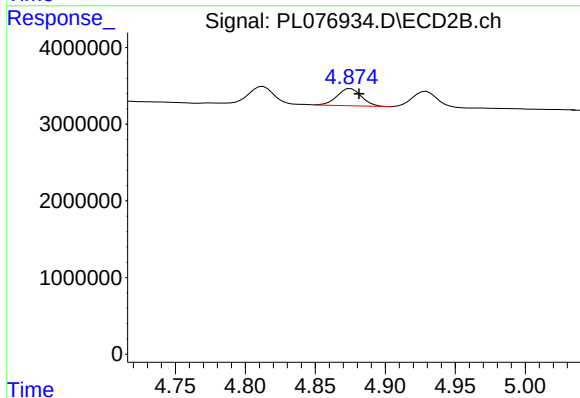
#11 alpha-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 1043139
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2022

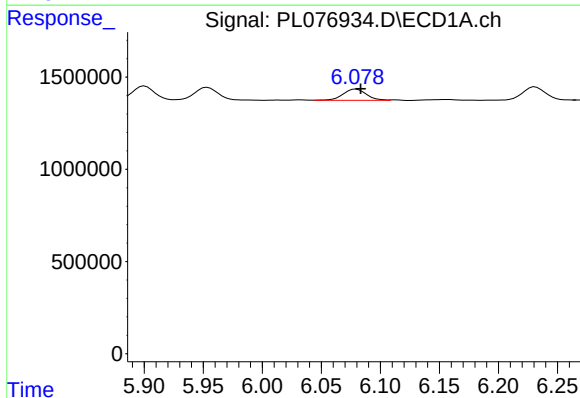
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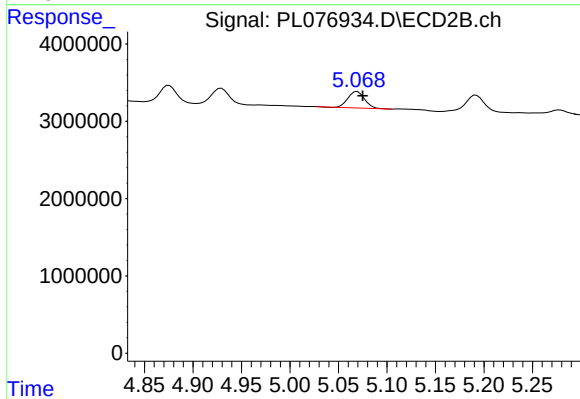
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: -0.006 min
Response: 2706364
Conc: 1.13 ng/ml



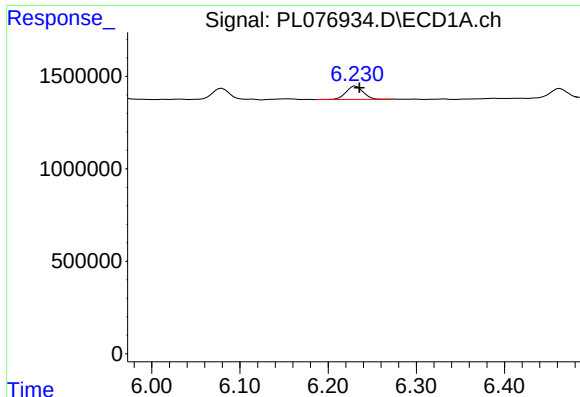
#12 4,4'-DDE

R.T.: 6.080 min
Delta R.T.: -0.004 min
Response: 839951
Conc: 0.89 ng/ml



#12 4,4'-DDE

R.T.: 5.069 min
Delta R.T.: -0.006 min
Response: 2543749
Conc: 1.09 ng/ml



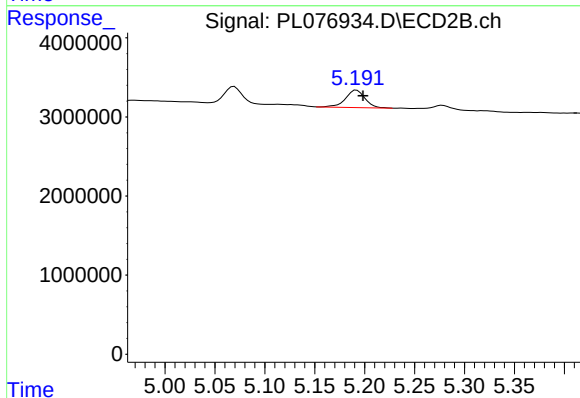
#13 Dieldrin

R.T.: 6.231 min
Delta R.T.: -0.005 min
Response: 976111
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2022

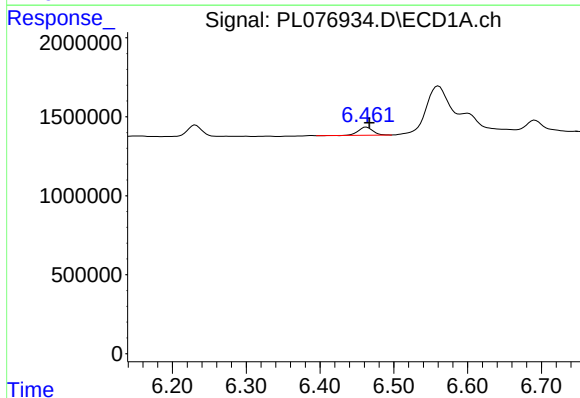
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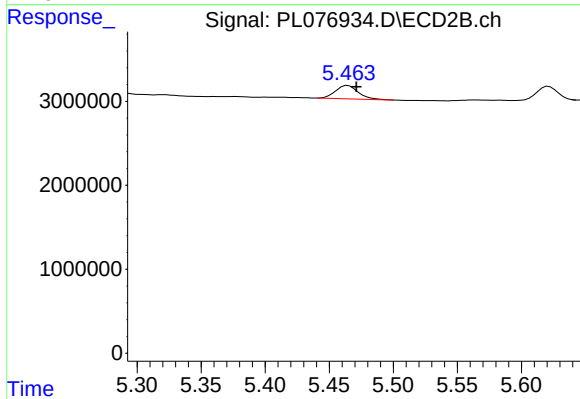
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.008 min
Response: 2996830
Conc: 1.24 ng/ml m



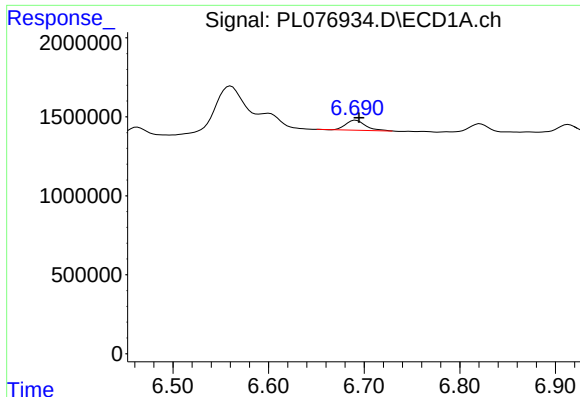
#14 Endrin

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 699679
Conc: 0.76 ng/ml



#14 Endrin

R.T.: 5.463 min
Delta R.T.: -0.008 min
Response: 1978044
Conc: 0.91 ng/ml m



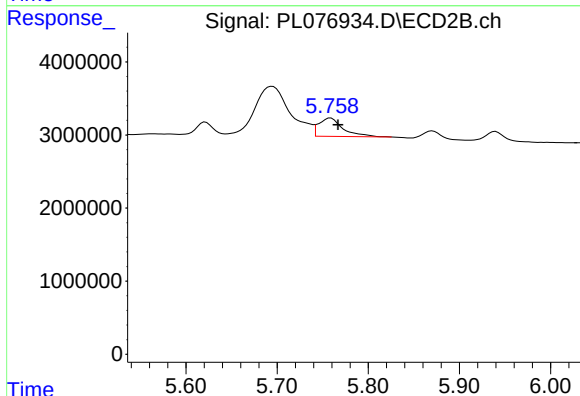
#15 Endosulfan II

R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 896234
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
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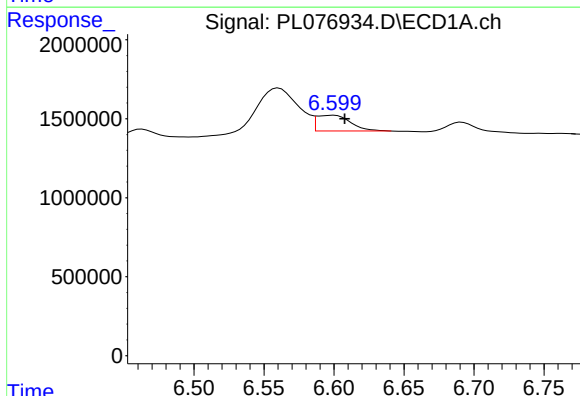
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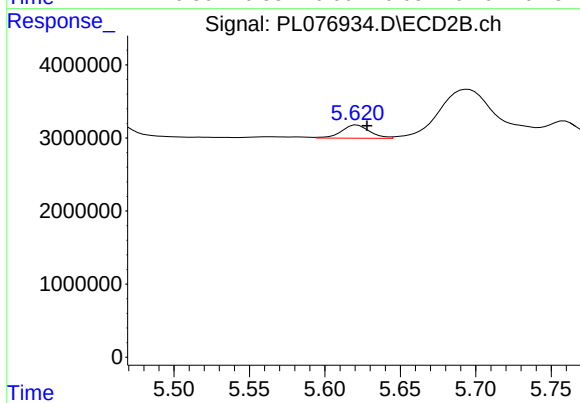
#15 Endosulfan II

R.T.: 5.759 min
Delta R.T.: -0.008 min
Response: 4575056
Conc: 2.07 ng/ml



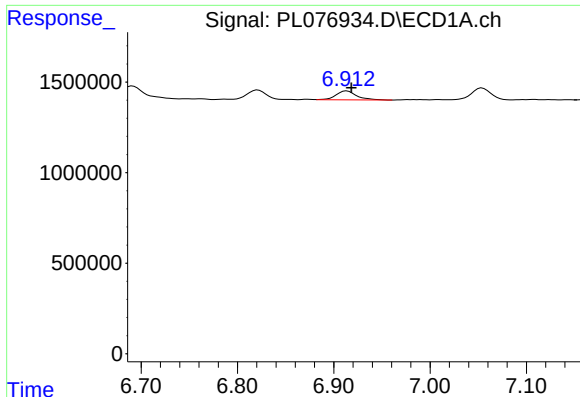
#16 4,4'-DDD

R.T.: 6.599 min
Delta R.T.: -0.009 min
Response: 1608390
Conc: 1.88 ng/ml m



#16 4,4'-DDD

R.T.: 5.621 min
Delta R.T.: -0.007 min
Response: 2346736
Conc: 1.26 ng/ml



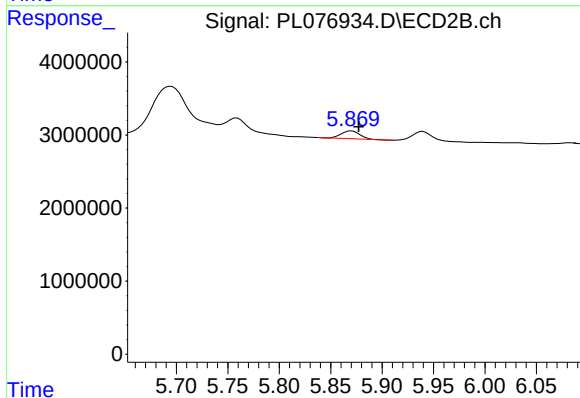
#17 4,4'-DDT

R.T.: 6.914 min
Delta R.T.: -0.004 min
Response: 723896
Conc: 0.86 ng/ml

Instrument :
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#17 4,4'-DDT

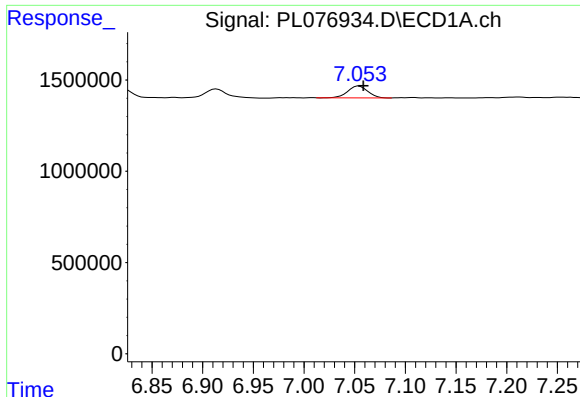
R.T.: 5.870 min
Delta R.T.: -0.007 min
Response: 1292430
Conc: 0.69 ng/ml

#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: -0.005 min
Response: 695455
Conc: 0.95 ng/ml

#18 Endrin aldehyde

R.T.: 5.940 min
Delta R.T.: -0.007 min
Response: 1618482
Conc: 1.00 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 888599
Conc: 1.03 ng/ml

Instrument :
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ClientSampleId :
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#19 Endosulfan Sulfate

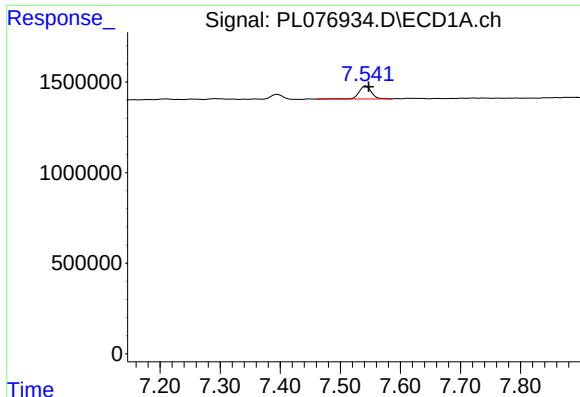
R.T.: 6.162 min
Delta R.T.: -0.007 min
Response: 2027313
Conc: 1.06 ng/ml

#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: -0.005 min
Response: 391142
Conc: 0.81 ng/ml

#20 Methoxychlor

R.T.: 6.449 min
Delta R.T.: -0.007 min
Response: 923982
Conc: 0.91 ng/ml



#21 Endrin ketone

R.T.: 7.543 min
Delta R.T.: -0.004 min
Response: 1036949
Conc: 1.11 ng/ml

Instrument :
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ClientSampleId :
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#21 Endrin ketone

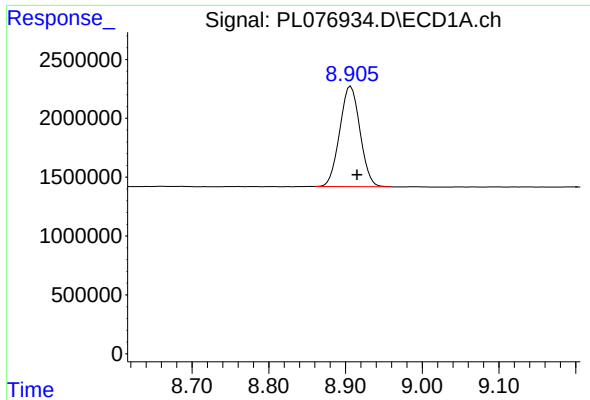
R.T.: 6.662 min
Delta R.T.: -0.007 min
Response: 2202399
Conc: 1.06 ng/ml

#22 Mirex

R.T.: 8.003 min
Delta R.T.: -0.005 min
Response: 961483
Conc: 1.30 ng/ml

#22 Mirex

R.T.: 6.839 min
Delta R.T.: -0.007 min
Response: 1891326
Conc: 1.17 ng/ml



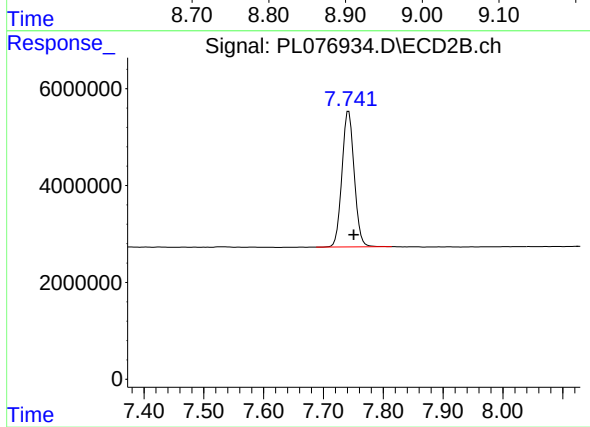
#28 Decachlorobiphenyl

R.T.: 8.907 min
Delta R.T.: -0.008 min
Response: 15728755
Conc: 19.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2022

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#28 Decachlorobiphenyl

R.T.: 7.742 min
Delta R.T.: -0.009 min
Response: 40014629
Conc: 20.81 ng/ml