

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 09:18
 Operator : SG\AJ
 Sample : K5111-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:59:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.290	3.963	18298056	26696277	21.464	22.167
28)	SA Decachlor...	7.965	8.998	20562135	30679176	21.735	22.046
Target Compounds							
2)	A alpha-BHC	3.716	4.349	1081659	1805744	0.852	1.025
3)	MA gamma-BHC...	3.992	4.632	1797156	1678694	1.500	0.978 #
4)	MA Heptachlor	4.278	5.138	910824	1843920	0.855	1.064
5)	MB Aldrin	4.517	5.441	1121994	1801180	1.025	1.076
6)	B beta-BHC	4.240	4.800	463670	776835	0.920m	0.977
7)	B delta-BHC	4.437	5.015	1030636	691544	0.895	0.431m#
8)	B Heptachlor...	4.953	5.824	1058374	1746418	1.029	1.081
9)	A Endosulfan I	5.284	6.180	979997	2124971	1.005	1.353 #
10)	B gamma-Chl...	5.176	6.057	1190513	2005929	1.116	1.164m
11)	B alpha-Chl...	5.233	6.130	1131584	2010412	1.072	1.170m
12)	B 4,4'-DDE	5.401	6.287	903651	1538257	0.918	0.962
13)	MA Dieldrin	5.524	6.437	1003218	1870763	0.946	1.107
14)	MA Endrin	5.777	6.654	1057848	1401863	1.103	0.972
15)	B Endosulfa...	6.051	6.861	920056	1832785	0.949	1.180
16)	A 4,4'-DDD	5.912	6.775	718231	1307074	0.893	0.957
17)	MA 4,4'-DDT	6.149	7.073	583350	1324589	0.815	0.992
18)	B Endrin al...	6.219	6.984	1690557	1492334	2.023m	1.113 #
19)	B Endosulfa...	6.429	7.206	871428	2128374	0.973m	1.463 #
20)	A Methoxychlor	6.698	7.530	672362	780977	1.716	0.976 #
21)	B Endrin ke...	6.914	7.676	871125	1704175	0.833m	1.027
22)	Mirex	7.089	8.129	1410630	1428985	1.711	1.181 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 09:18
 Operator : SG\AJ
 Sample : K5111-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

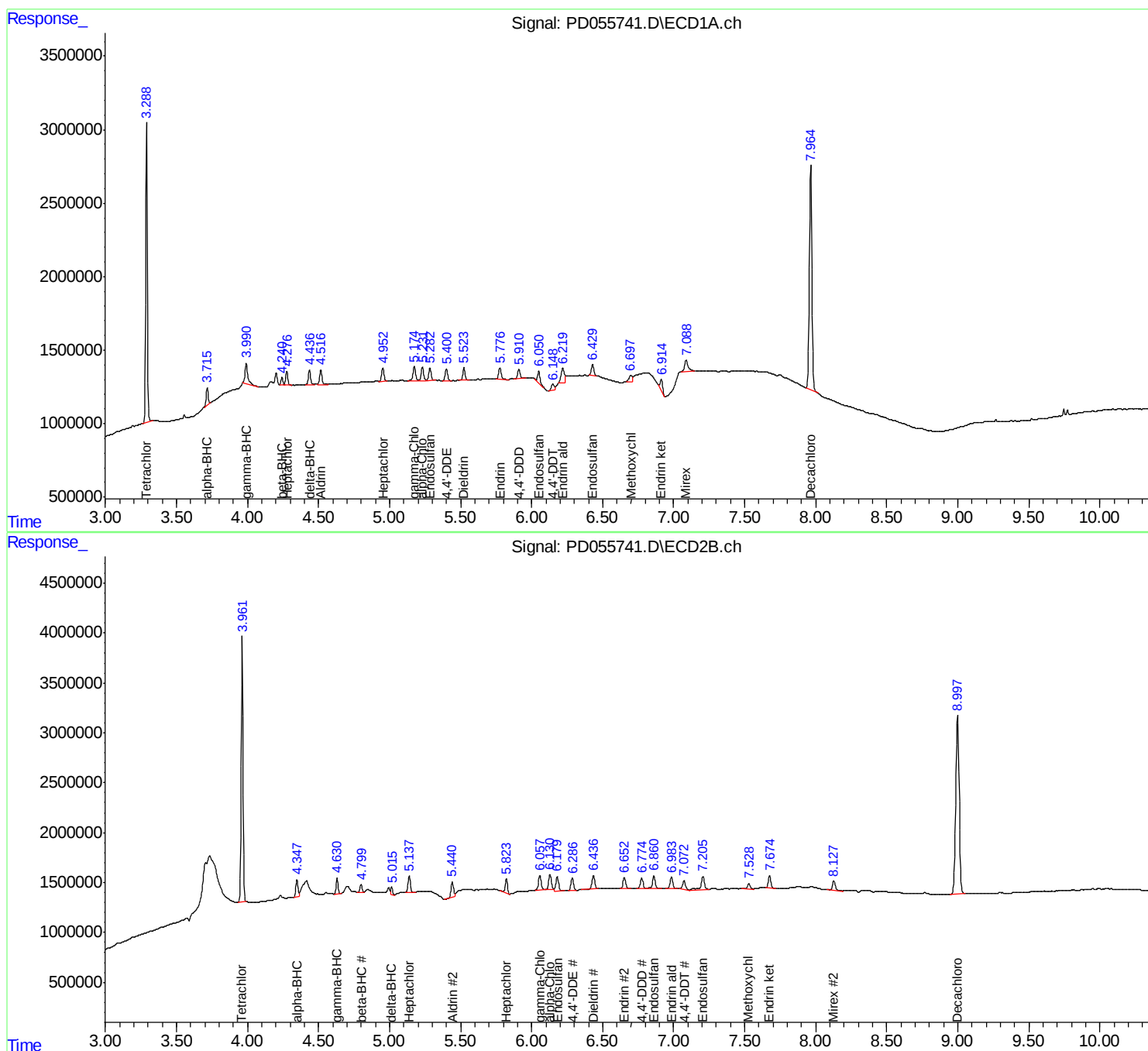
Instrument :
 ECD_D
 ClientSampleID :
 LOD-MDL-WATER-01-QT4-2019

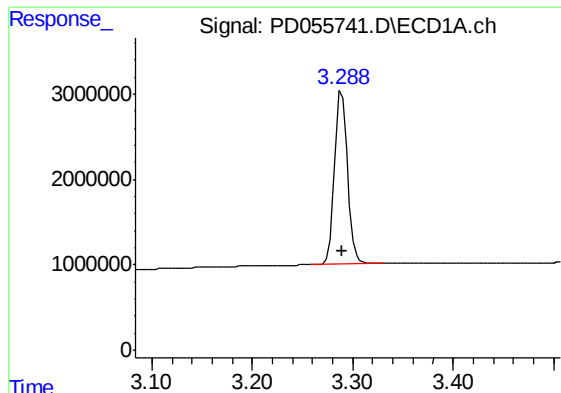
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:59:41 2019
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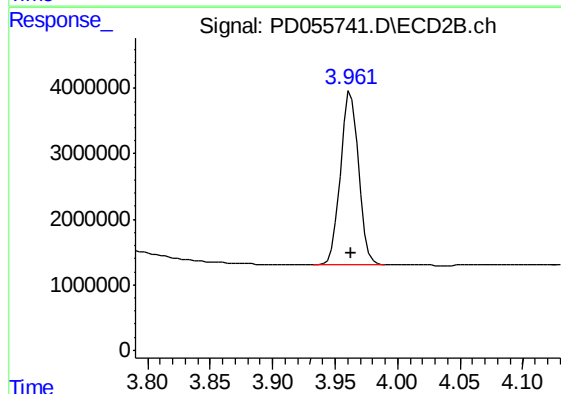
#1 Tetrachloro-m-xylene

R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 18298056
Conc: 21.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

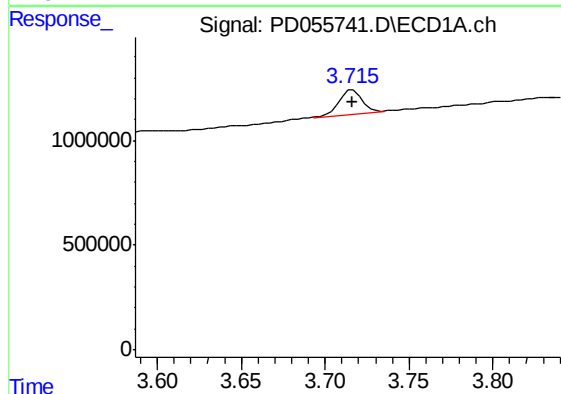
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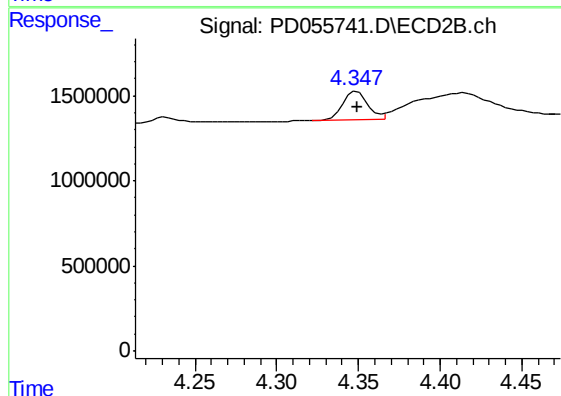
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 26696277
Conc: 22.17 ng/ml



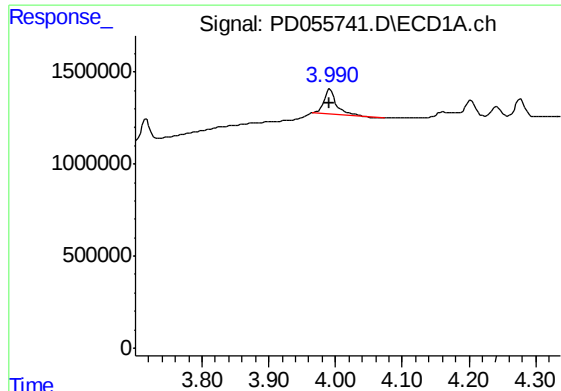
#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 1081659
Conc: 0.85 ng/ml



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 1805744
Conc: 1.02 ng/ml



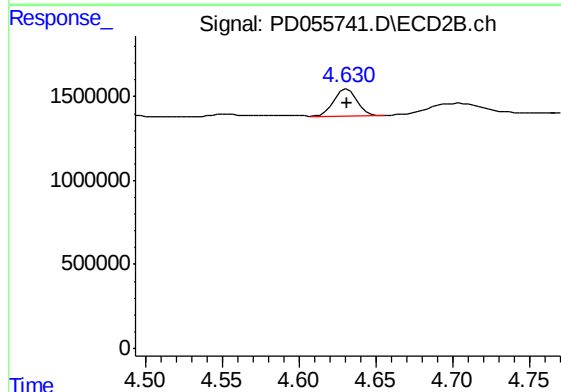
#3 gamma-BHC (Lindane)

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 1797156
Conc: 1.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

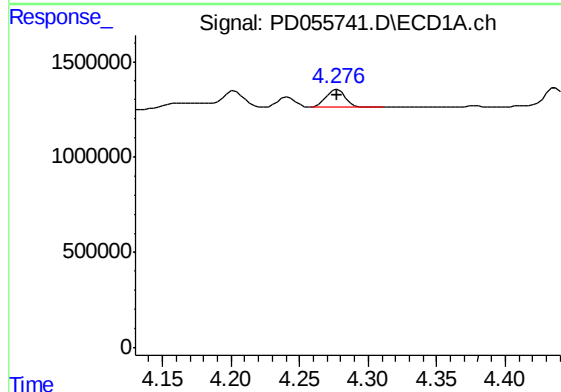
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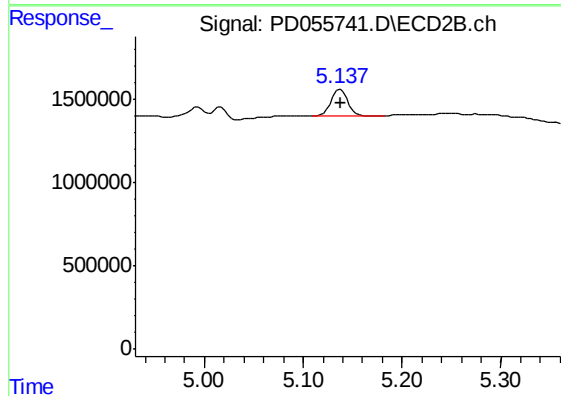
#3 gamma-BHC (Lindane)

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 1678694
Conc: 0.98 ng/ml



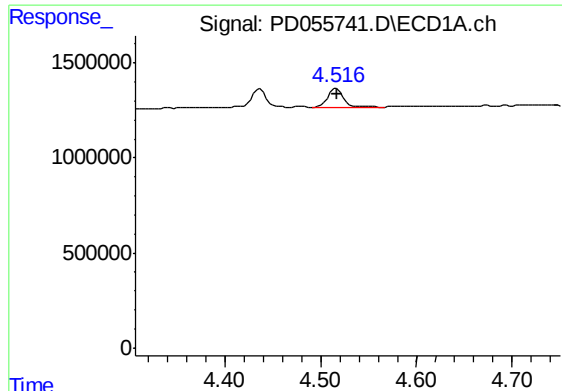
#4 Heptachlor

R.T.: 4.278 min
Delta R.T.: 0.000 min
Response: 910824
Conc: 0.85 ng/ml



#4 Heptachlor

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 1843920
Conc: 1.06 ng/ml



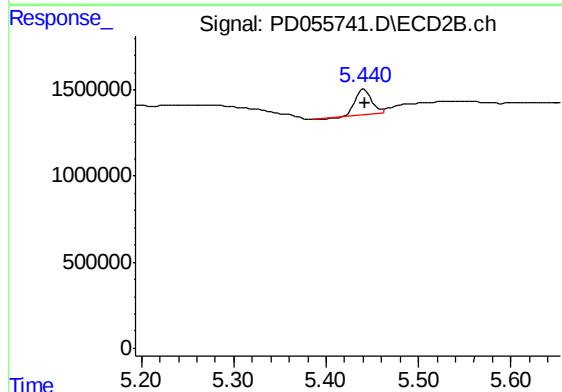
#5 Aldrin

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 1121994
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

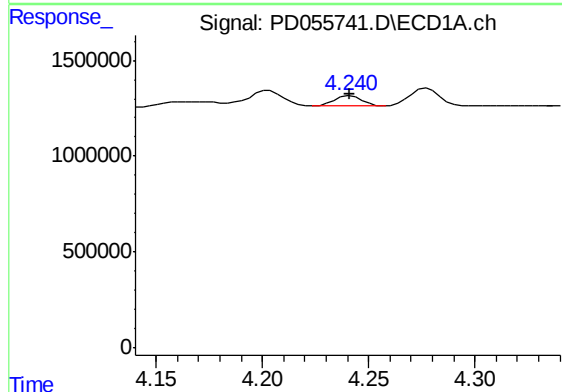
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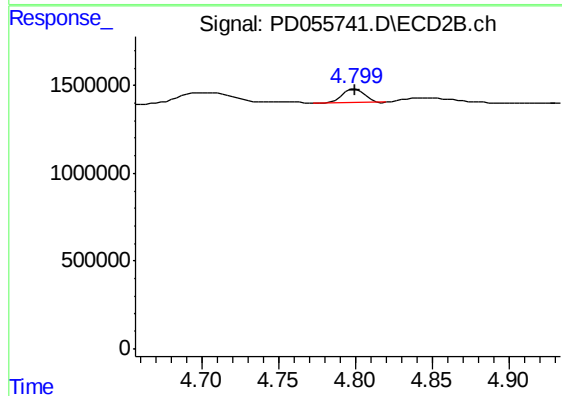
#5 Aldrin

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 1801180
Conc: 1.08 ng/ml



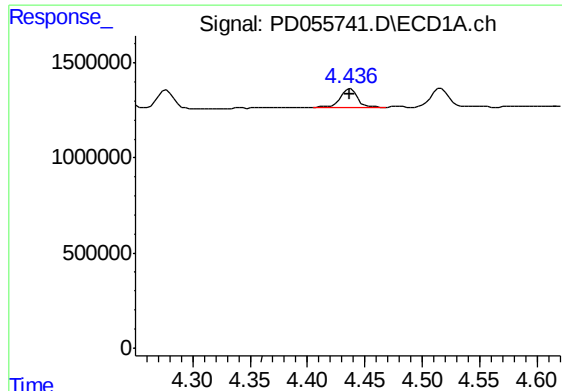
#6 beta-BHC

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 463670
Conc: 0.92 ng/ml m



#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 776835
Conc: 0.98 ng/ml



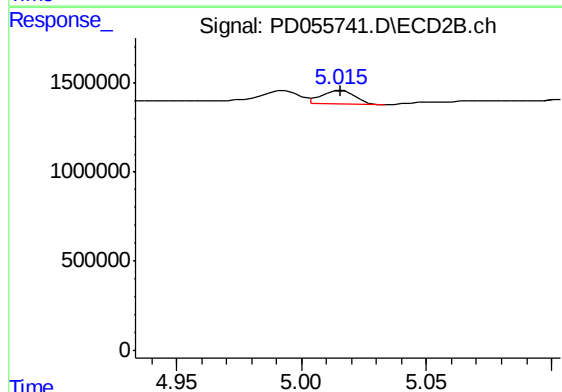
#7 delta-BHC

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 1030636
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

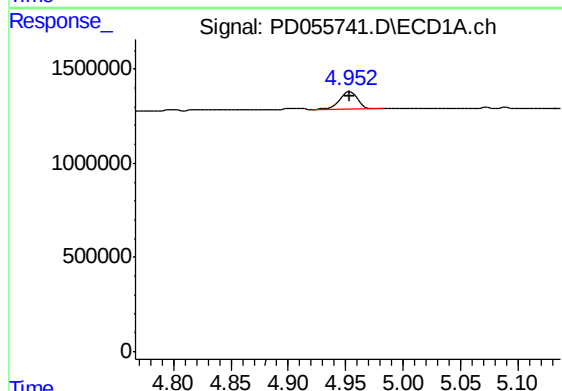
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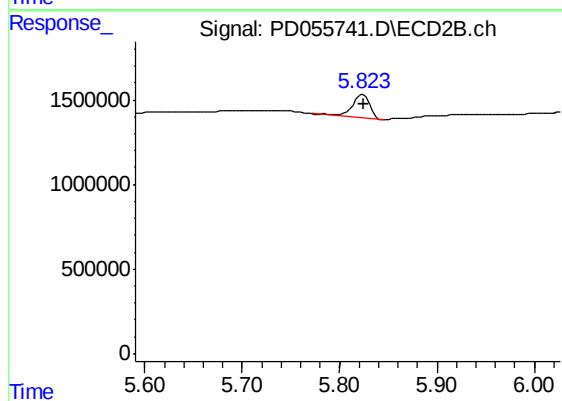
#7 delta-BHC

R.T.: 5.015 min
Delta R.T.: -0.001 min
Response: 691544
Conc: 0.43 ng/ml m



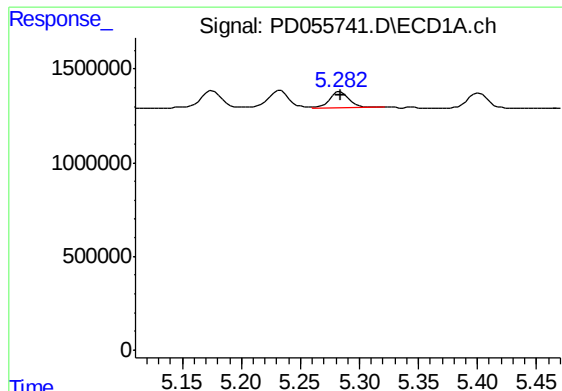
#8 Heptachlor epoxide

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 1058374
Conc: 1.03 ng/ml



#8 Heptachlor epoxide

R.T.: 5.824 min
Delta R.T.: -0.001 min
Response: 1746418
Conc: 1.08 ng/ml



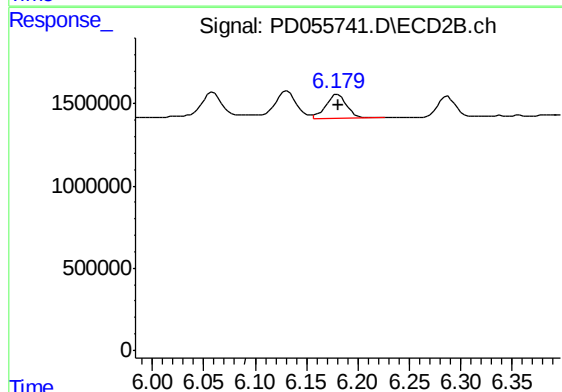
#9 Endosulfan I

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 979997
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

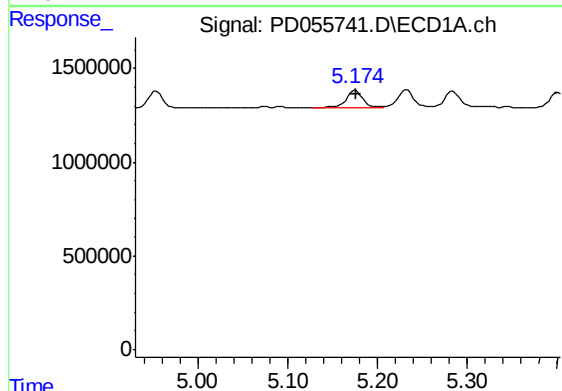
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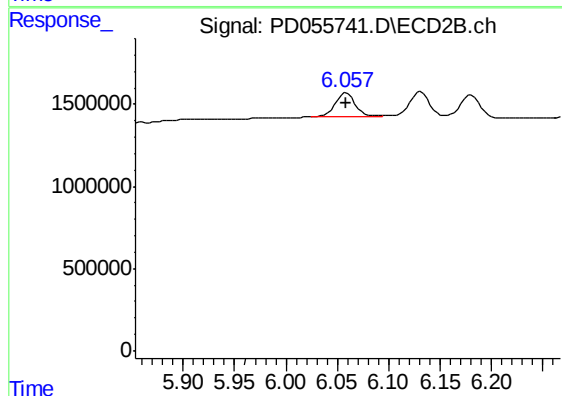
#9 Endosulfan I

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 2124971
Conc: 1.35 ng/ml



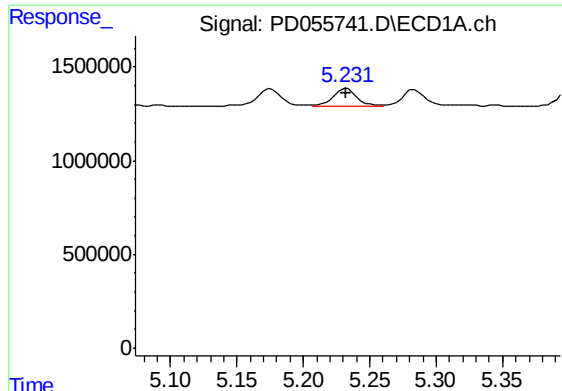
#10 gamma-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 1190513
Conc: 1.12 ng/ml



#10 gamma-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 2005929
Conc: 1.16 ng/ml m



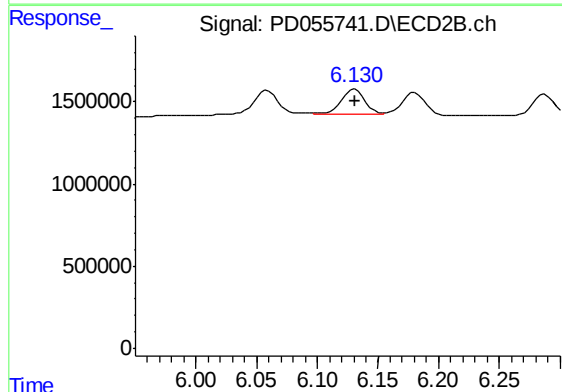
#11 alpha-Chlordane

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 1131584
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

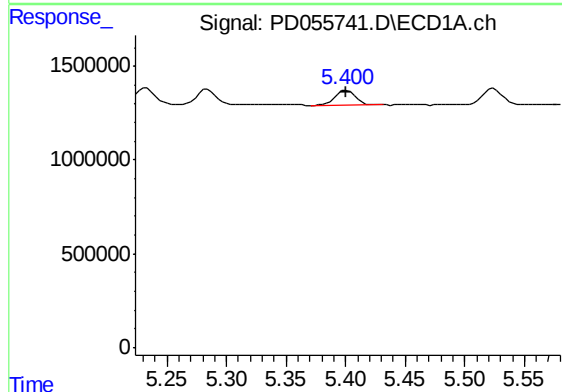
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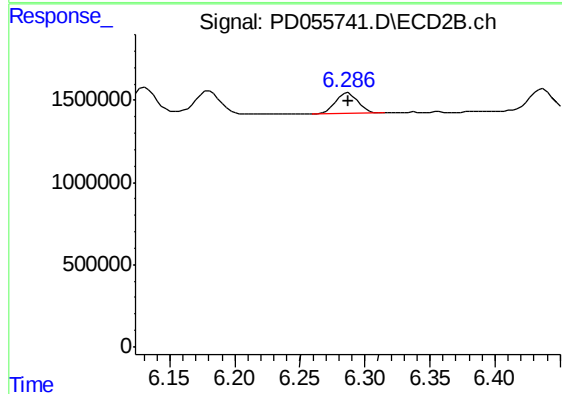
#11 alpha-Chlordane

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 2010412
Conc: 1.17 ng/ml m



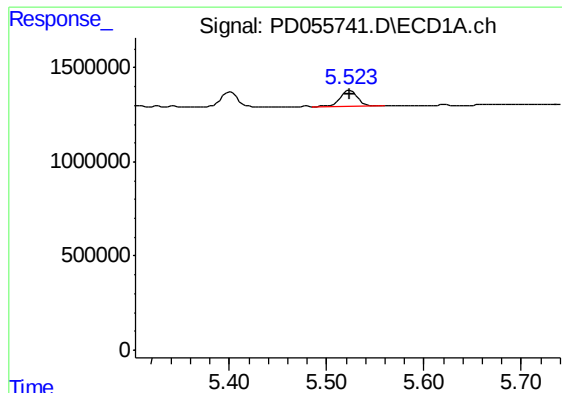
#12 4,4'-DDE

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 903651
Conc: 0.92 ng/ml



#12 4,4'-DDE

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 1538257
Conc: 0.96 ng/ml



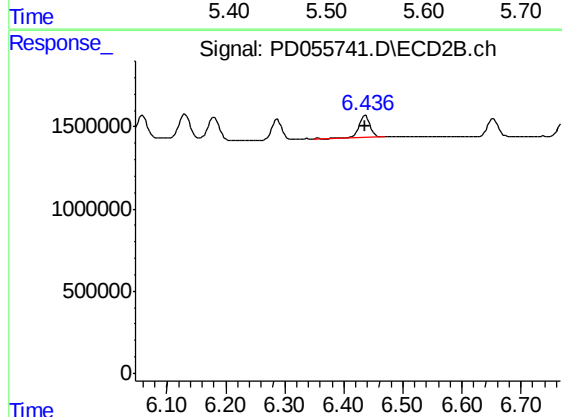
#13 Dieldrin

R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 1003218
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

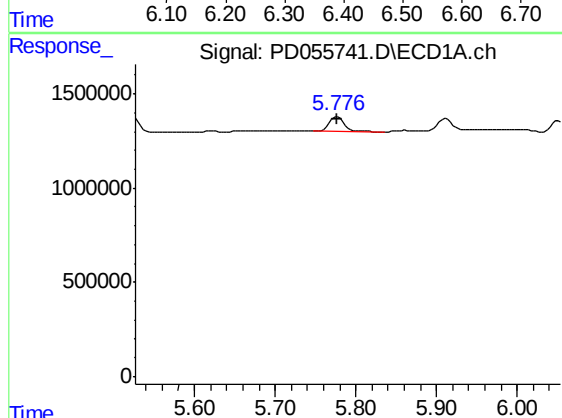
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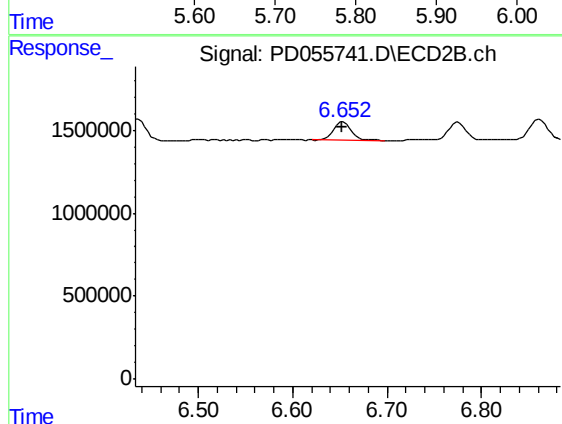
#13 Dieldrin

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 1870763
Conc: 1.11 ng/ml



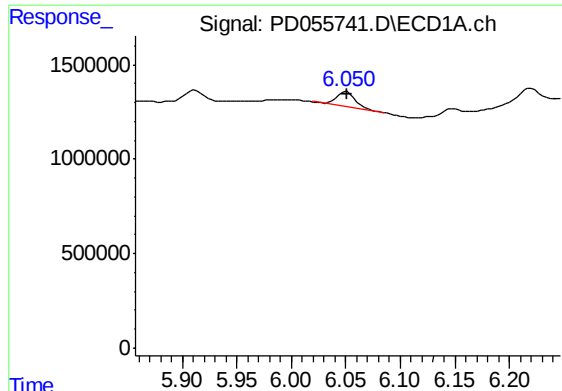
#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 1057848
Conc: 1.10 ng/ml



#14 Endrin

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 1401863
Conc: 0.97 ng/ml



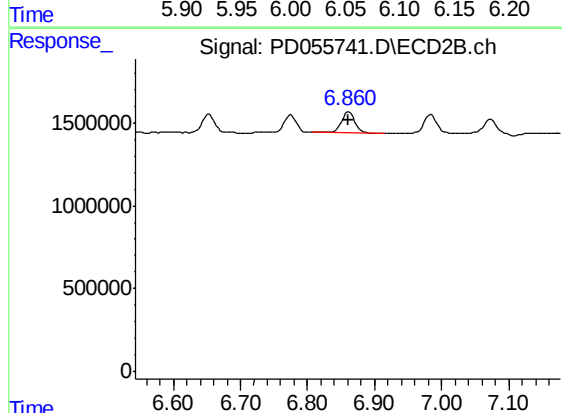
#15 Endosulfan II

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 920056
Conc: 0.95 ng/ml

Instrument :
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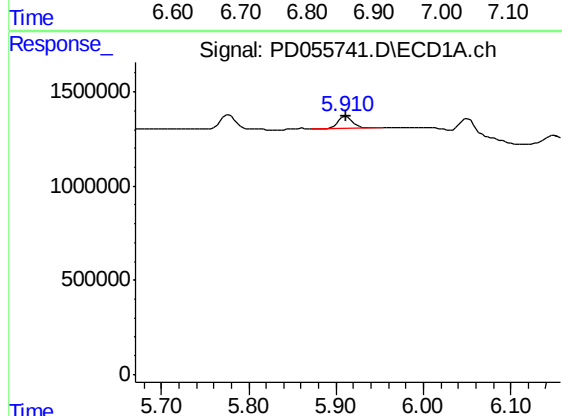
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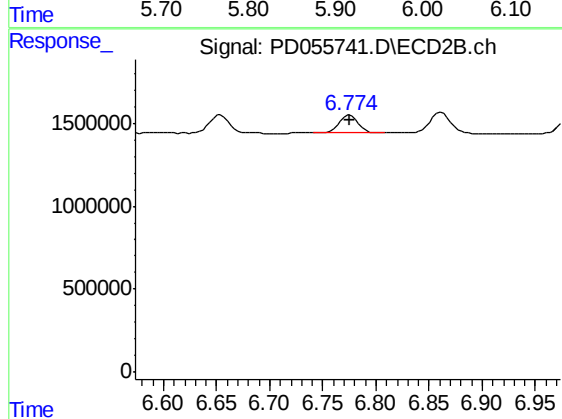
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 1832785
Conc: 1.18 ng/ml



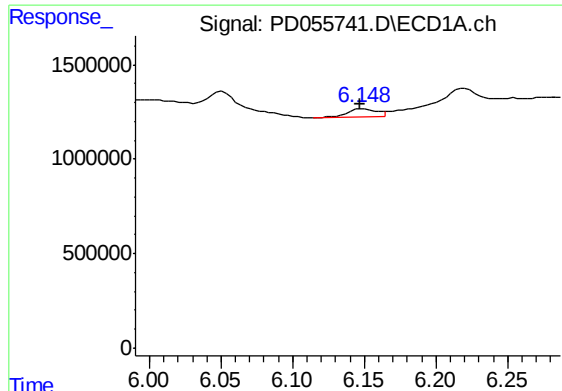
#16 4,4'-DDD

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 718231
Conc: 0.89 ng/ml



#16 4,4'-DDD

R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 1307074
Conc: 0.96 ng/ml



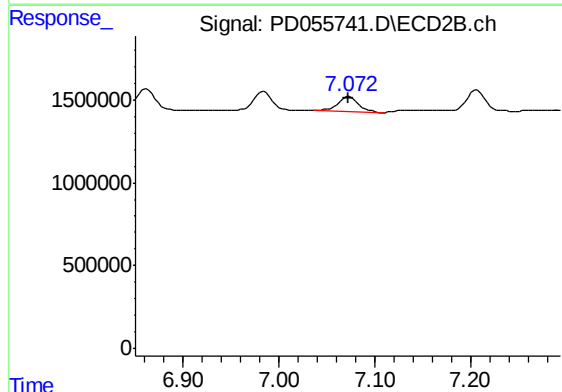
#17 4,4'-DDT

R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 583350
Conc: 0.82 ng/ml

Instrument :
ECD_D
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LOD-MDL-WATER-01-QT4-2019

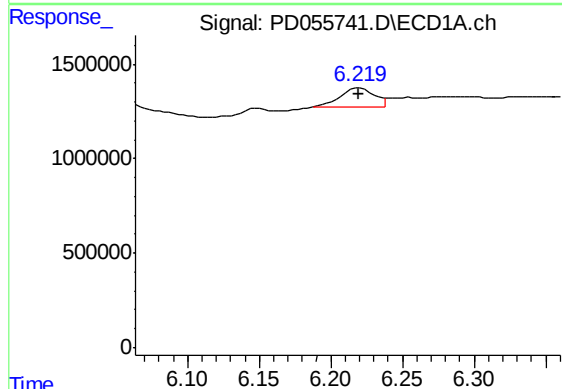
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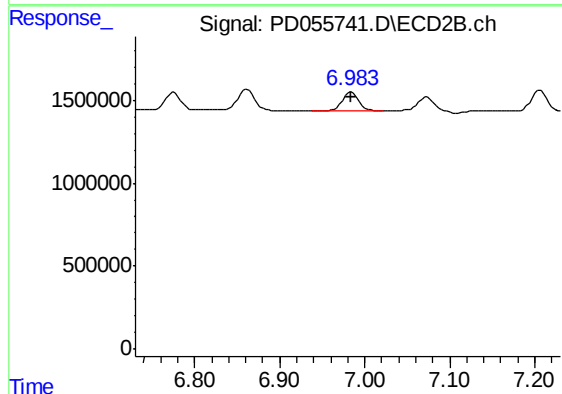
#17 4,4'-DDT

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 1324589
Conc: 0.99 ng/ml



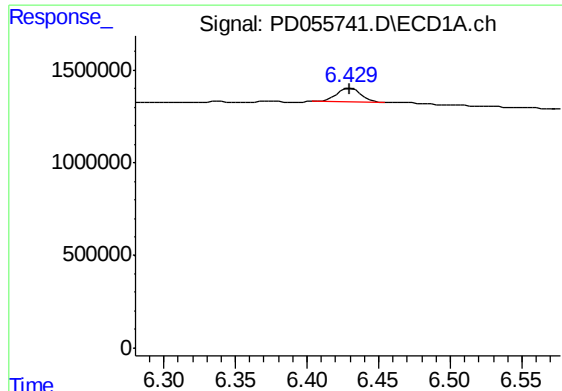
#18 Endrin aldehyde

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 1690557
Conc: 2.02 ng/ml m



#18 Endrin aldehyde

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 1492334
Conc: 1.11 ng/ml



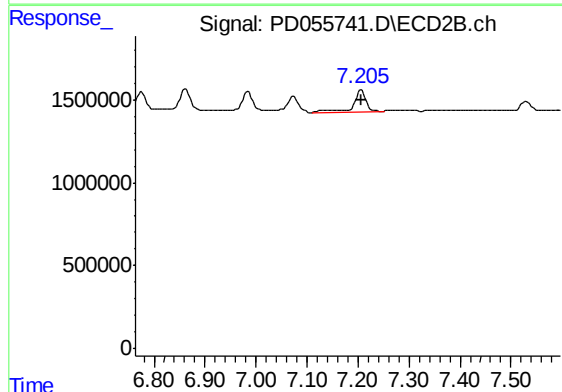
#19 Endosulfan Sulfate

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 871428
Conc: 0.97 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

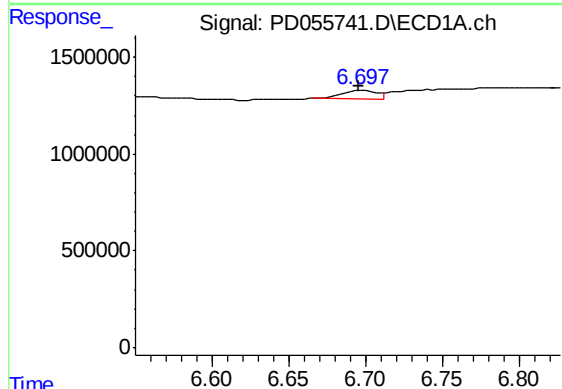
Manual Integrations
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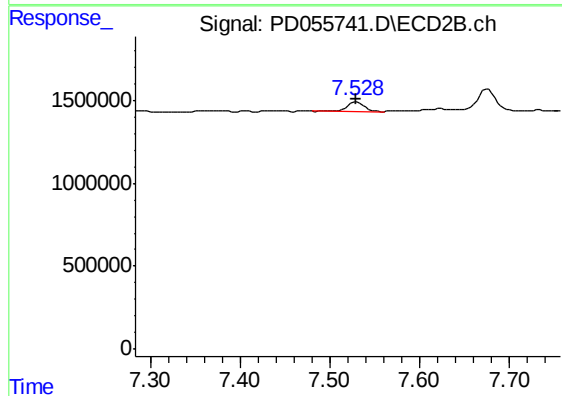
#19 Endosulfan Sulfate

R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 2128374
Conc: 1.46 ng/ml



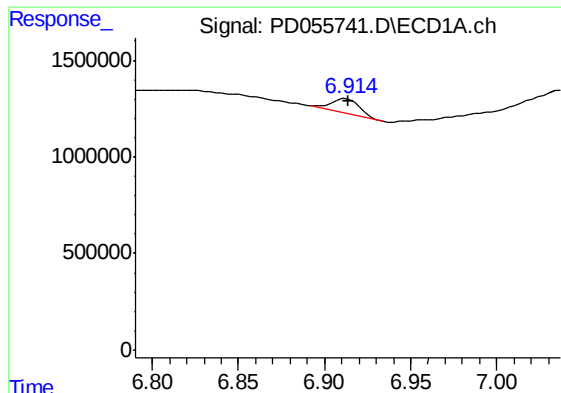
#20 Methoxychlor

R.T.: 6.698 min
Delta R.T.: 0.003 min
Response: 672362
Conc: 1.72 ng/ml



#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 780977
Conc: 0.98 ng/ml



#21 Endrin ketone

R.T.: 6.914 min

Delta R.T.: 0.000 min

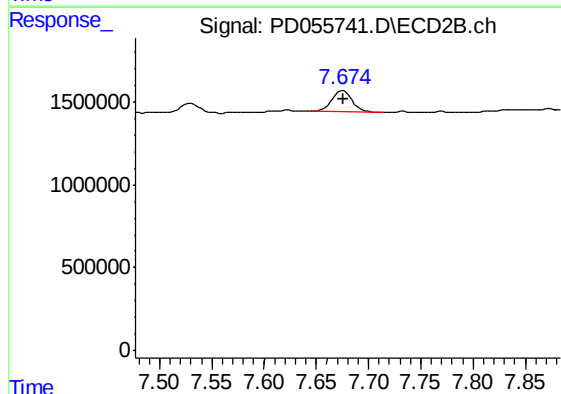
Response: 871125

Conc: 0.83 ng/ml m

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations
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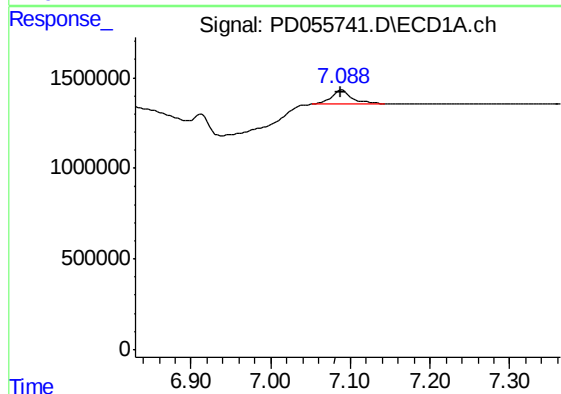
#21 Endrin ketone

R.T.: 7.676 min

Delta R.T.: 0.000 min

Response: 1704175

Conc: 1.03 ng/ml



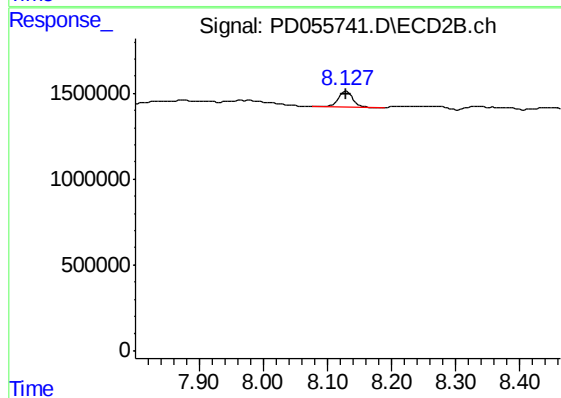
#22 Mirex

R.T.: 7.089 min

Delta R.T.: 0.000 min

Response: 1410630

Conc: 1.71 ng/ml



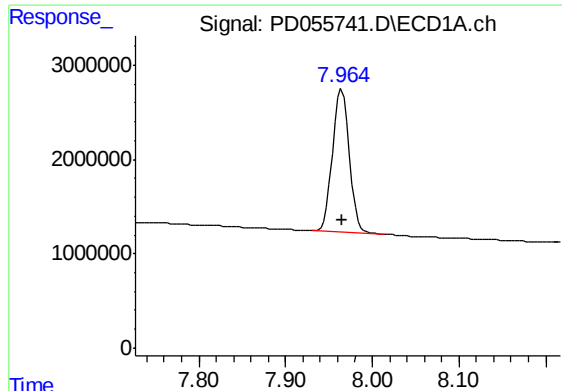
#22 Mirex

R.T.: 8.129 min

Delta R.T.: 0.000 min

Response: 1428985

Conc: 1.18 ng/ml



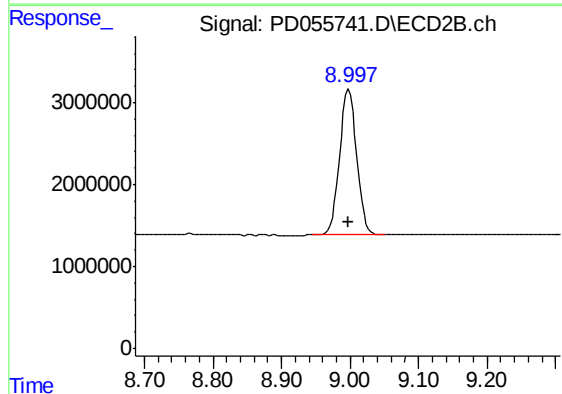
#28 Decachlorobiphenyl

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 20562135
Conc: 21.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations
APPROVED

Ankita
11/1/2019 12:20:01 PM



#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.001 min
Response: 30679176
Conc: 22.05 ng/ml