

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
 Data File : PD057000.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2020 11:28
 Operator : AJ\MA
 Sample : L1161-07
 Misc : LOD 2.5 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:09:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 20 05:43:46 2020
 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...	3.286	3.960	17363876	34098540	21.026	20.838
28)	SA Decachlor...	7.956	8.995	21035272	36096389	21.704	21.657
Target Compounds							
2)	A alpha-BHC	3.712	4.346	3174142	5483569	2.430	2.167
3)	MA gamma-BHC...	3.987	4.629	3966444	5207465	2.974	2.131 #
4)	MA Heptachlor	4.272	5.135	2688879	5949647	2.305	2.487
5)	MB Aldrin	4.511	5.438	2853304	5672114	2.455	2.502
6)	B beta-BHC	4.236	4.798	1192688	2509677	2.309m	2.385
7)	B delta-BHC	4.432	5.012	2598851	3026528	2.086	1.353m#
8)	B Heptachlo...	4.947	5.821	2766033	5605963	2.576	2.582
9)	A Endosulfan I	5.278	6.175	2608069	5169079	2.654	2.548m
10)	B gamma-Chl...	5.169	6.054	2854083	5632679	2.628	2.530m
11)	B alpha-Chl...	5.226	6.126	2830711	5667979	2.615	2.546m
12)	B 4,4'-DDE	5.394	6.284	2557916	4595702	2.708	2.301
13)	MA Dieldrin	5.518	6.433	2560913	5212104	2.404	2.433
14)	MA Endrin	5.771	6.649	2223499	4216133	2.501	2.450
15)	B Endosulfa...	6.044	6.858	2676311	4969988	2.760	2.605
16)	A 4,4'-DDD	5.905	6.772	1868190	4026605	2.228	2.394
17)	MA 4,4'-DDT	6.141	7.071	930275	3206866	1.292	2.082 #
18)	B Endrin al...	6.212	6.982	3177007	4226997	3.757	2.562 #
19)	B Endosulfa...	6.424	7.204	2234553	4619438	2.438	2.522
20)	A Methoxychlor	6.688	7.528	1084486	2064261	2.764	2.339
21)	B Endrin ke...	6.907	7.673	2383809	5250538	2.169	2.555
22)	Mirex	7.081	8.127	2989365	4934197	3.557	3.369

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
Data File : PD057000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2020 11:28
Operator : AJ\MA
Sample : L1161-07
Misc : LOD 2.5 PPB
ALS Vial : 11 Sample Multiplier: 1

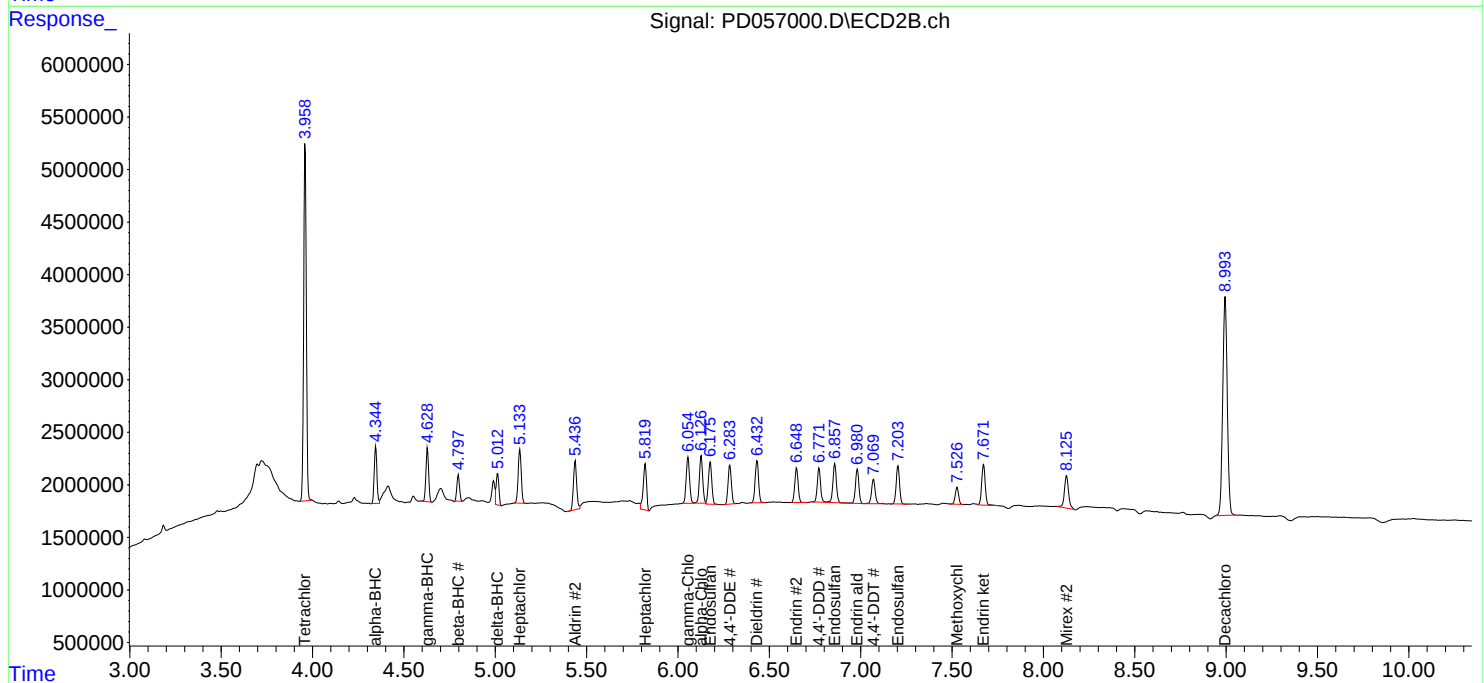
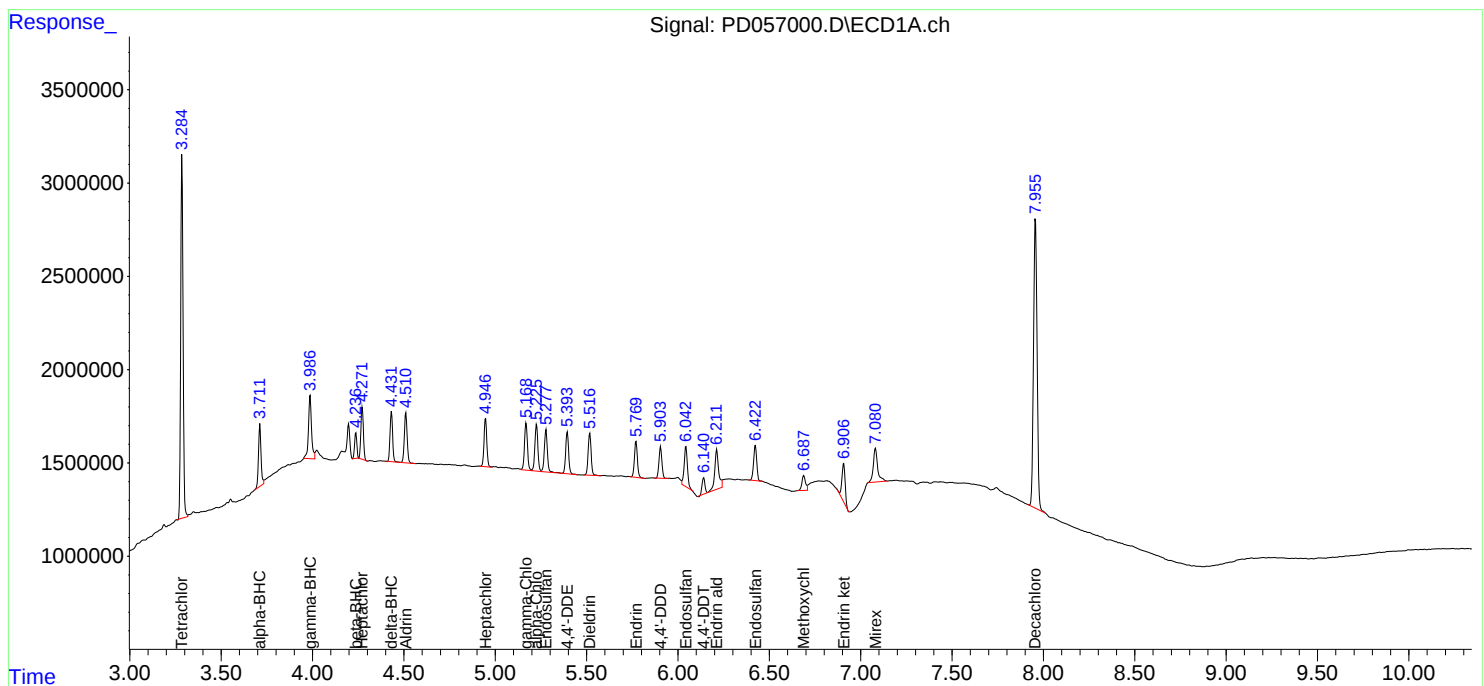
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

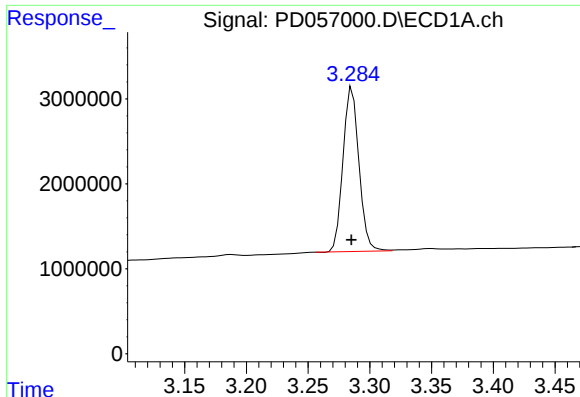
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 04:09:51 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
Response 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





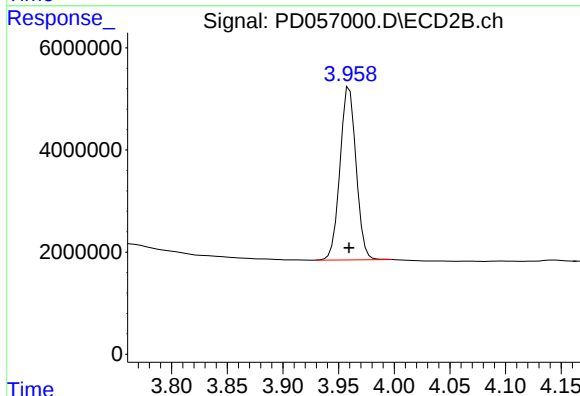
#1 Tetrachloro-m-xylene

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 17363876
Conc: 21.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

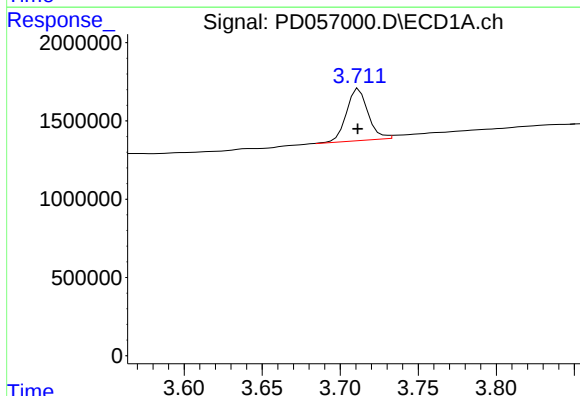
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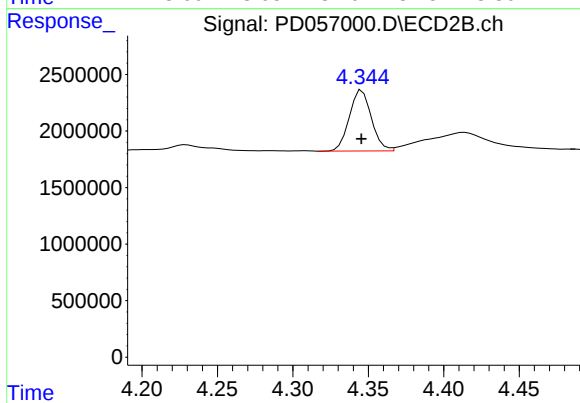
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 34098540
Conc: 20.84 ng/ml



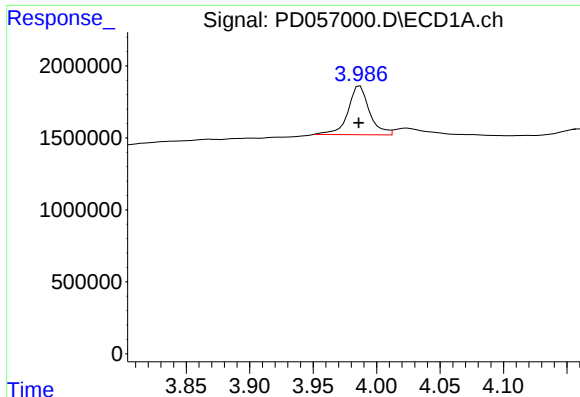
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: 0.000 min
Response: 3174142
Conc: 2.43 ng/ml



#2 alpha-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 5483569
Conc: 2.17 ng/ml



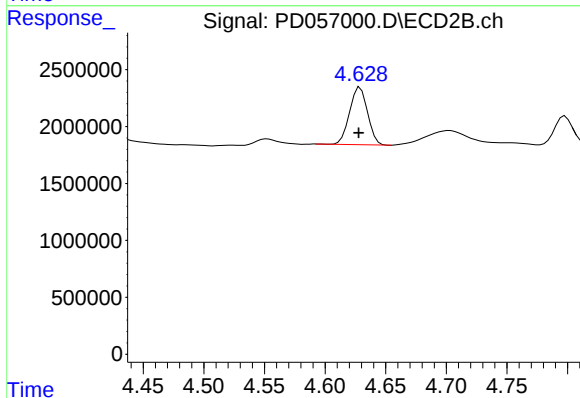
#3 gamma-BHC (Lindane)

R.T.: 3.987 min
Delta R.T.: 0.001 min
Response: 3966444
Conc: 2.97 ng/ml

Instrument :
ECD_D
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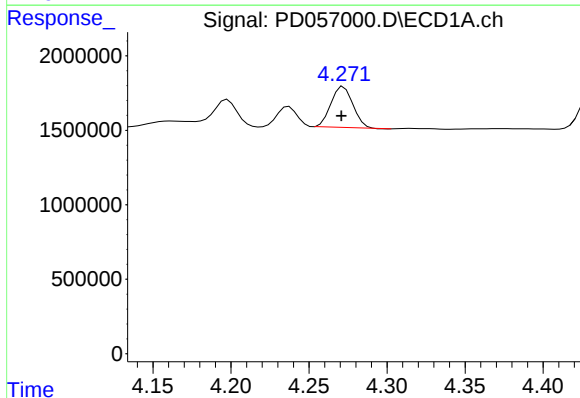
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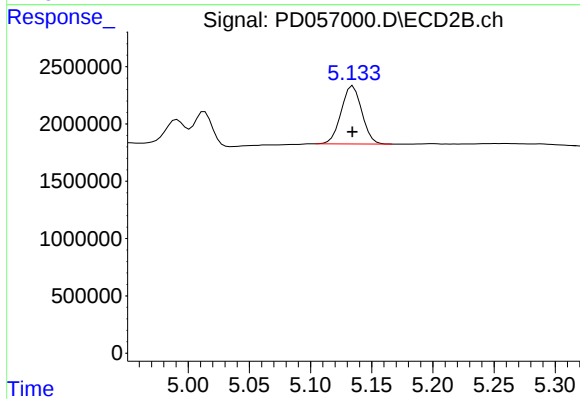
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.001 min
Response: 5207465
Conc: 2.13 ng/ml



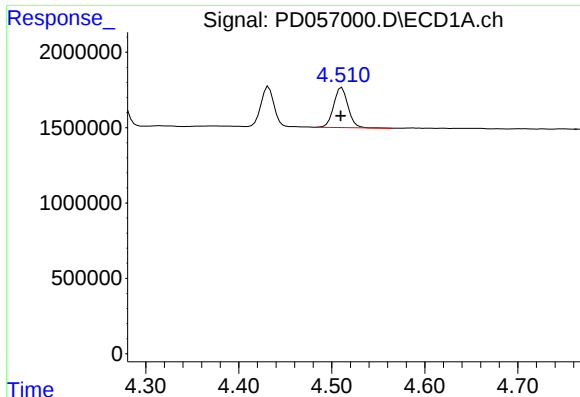
#4 Heptachlor

R.T.: 4.272 min
Delta R.T.: 0.001 min
Response: 2688879
Conc: 2.30 ng/ml



#4 Heptachlor

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 5949647
Conc: 2.49 ng/ml



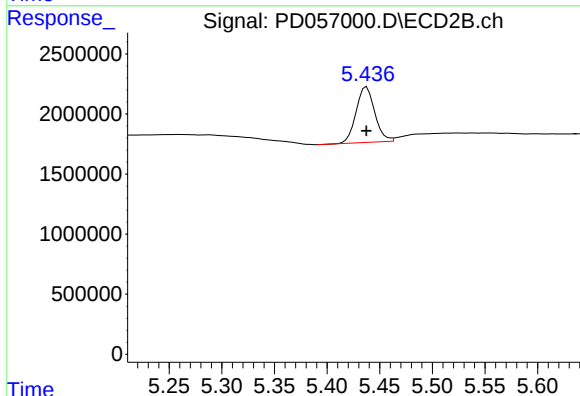
#5 Aldrin

R.T.: 4.511 min
Delta R.T.: 0.001 min
Response: 2853304
Conc: 2.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

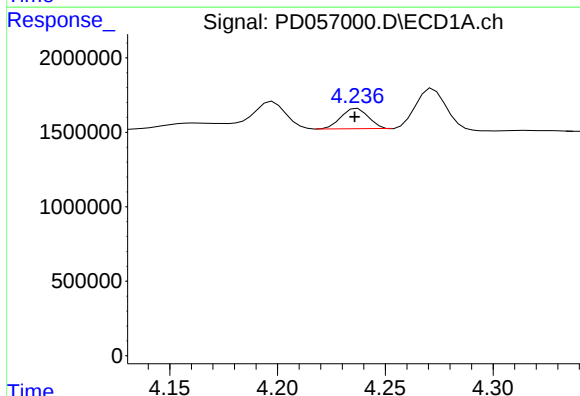
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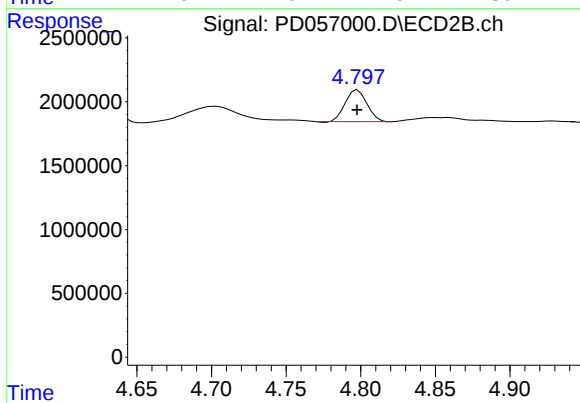
#5 Aldrin

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 5672114
Conc: 2.50 ng/ml



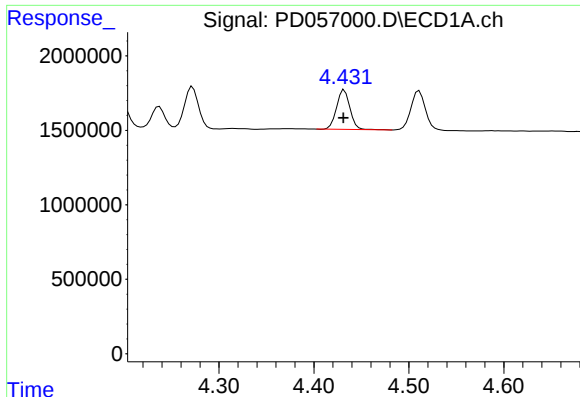
#6 beta-BHC

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 1192688
Conc: 2.31 ng/ml m



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 2509677
Conc: 2.39 ng/ml



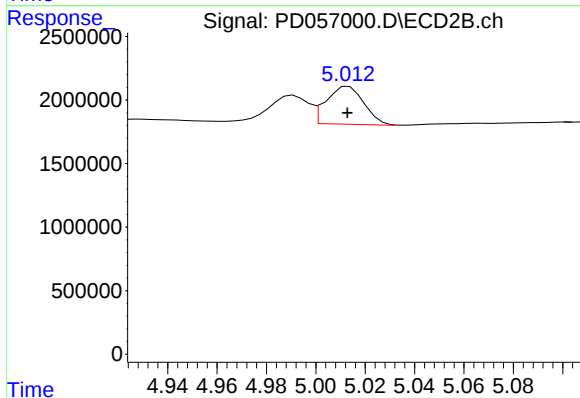
#7 delta-BHC

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 2598851
Conc: 2.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

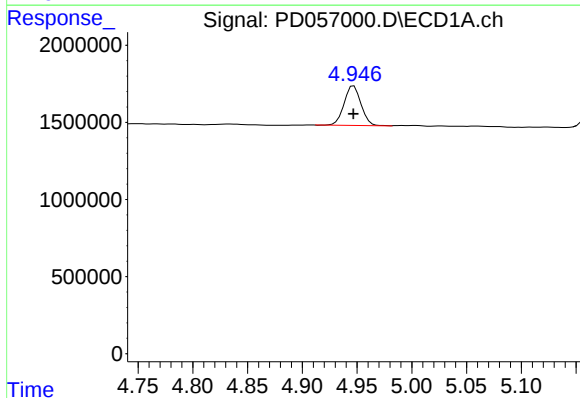
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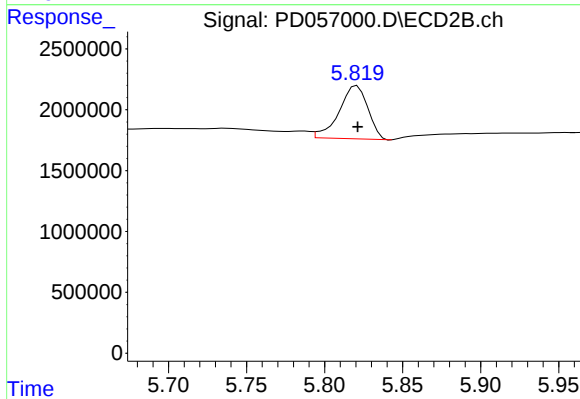
#7 delta-BHC

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 3026528
Conc: 1.35 ng/ml m



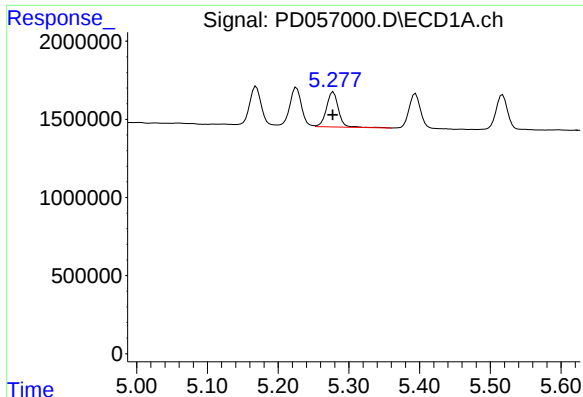
#8 Heptachlor epoxide

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 2766033
Conc: 2.58 ng/ml



#8 Heptachlor epoxide

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 5605963
Conc: 2.58 ng/ml



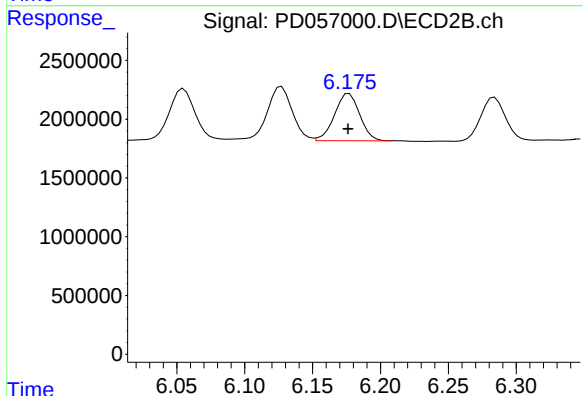
#9 Endosulfan I

R.T.: 5.278 min
Delta R.T.: 0.001 min
Response: 2608069
Conc: 2.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

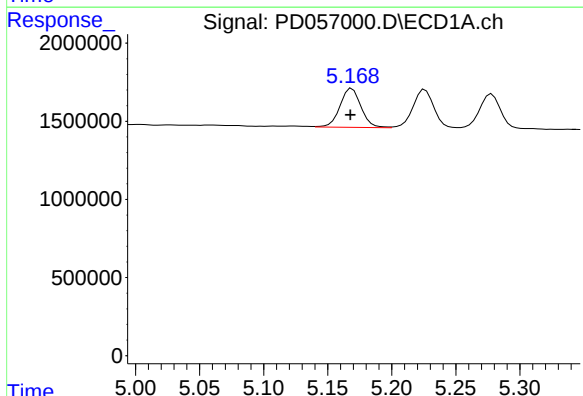
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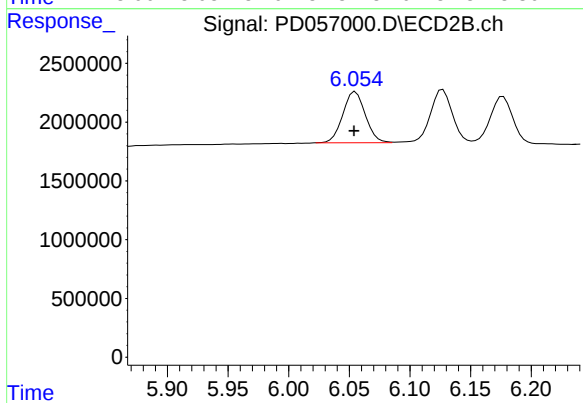
#9 Endosulfan I

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 5169079
Conc: 2.55 ng/ml m



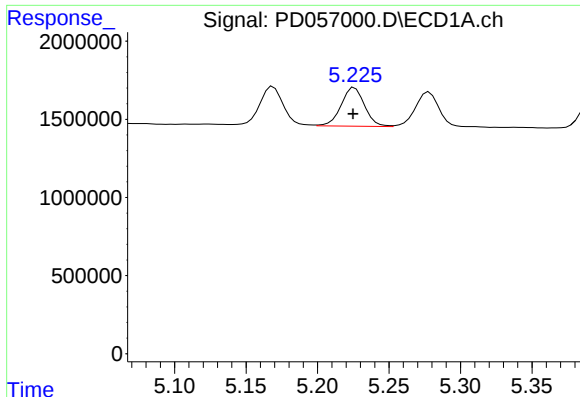
#10 gamma-Chlordane

R.T.: 5.169 min
Delta R.T.: 0.001 min
Response: 2854083
Conc: 2.63 ng/ml



#10 gamma-Chlordane

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 5632679
Conc: 2.53 ng/ml m



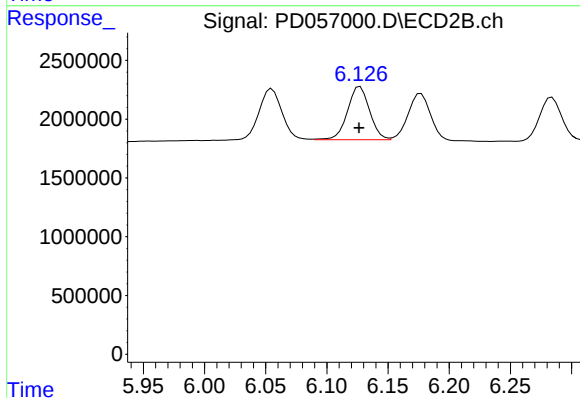
#11 alpha-Chlordane

R.T.: 5.226 min
Delta R.T.: 0.001 min
Response: 2830711
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

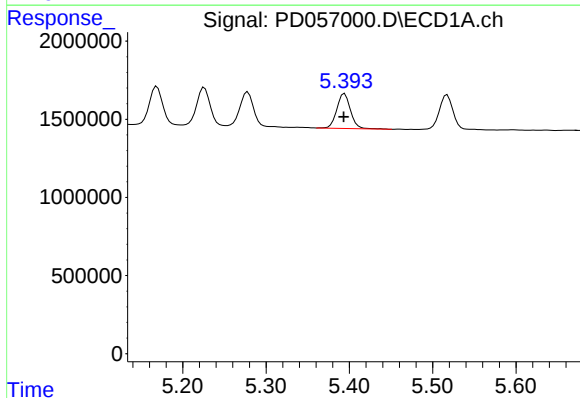
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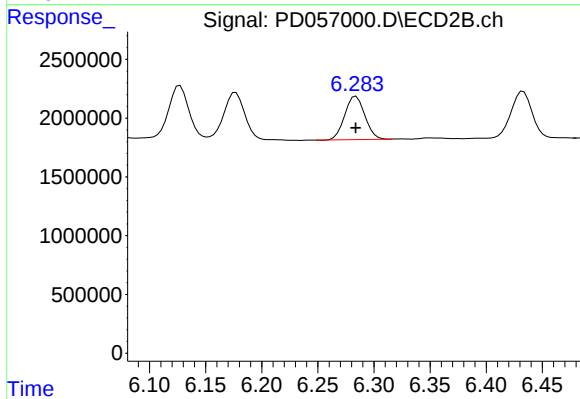
#11 alpha-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 5667979
Conc: 2.55 ng/ml m



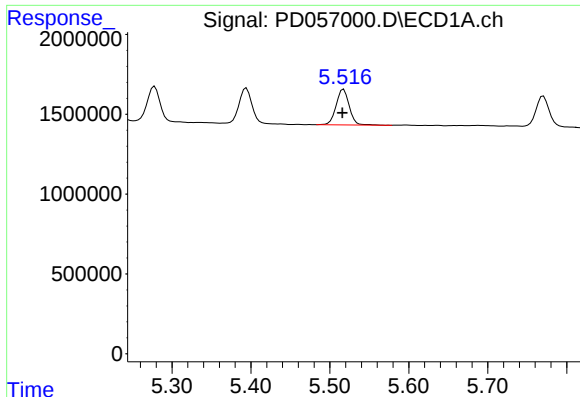
#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 2557916
Conc: 2.71 ng/ml



#12 4,4'-DDE

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 4595702
Conc: 2.30 ng/ml



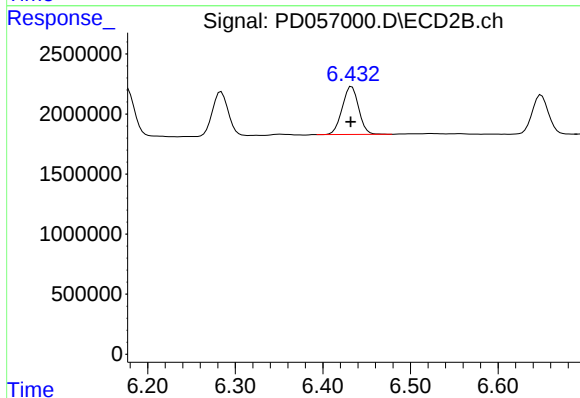
#13 Dieldrin

R.T.: 5.518 min
Delta R.T.: 0.001 min
Response: 2560913
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

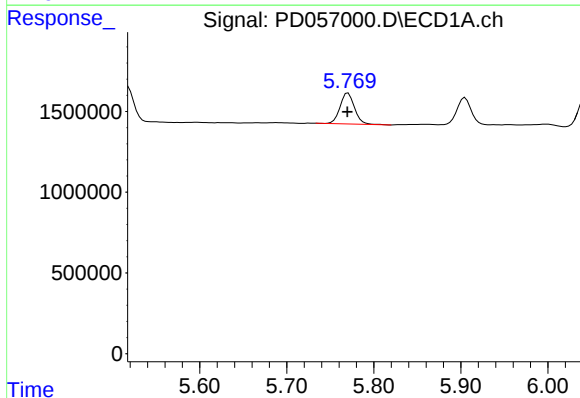
Manual Integrations
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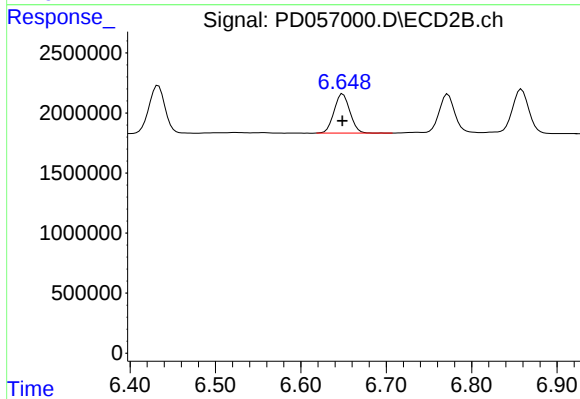
#13 Dieldrin

R.T.: 6.433 min
Delta R.T.: 0.001 min
Response: 5212104
Conc: 2.43 ng/ml



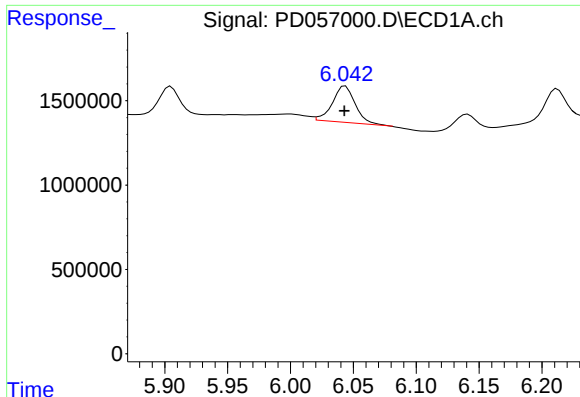
#14 Endrin

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 2223499
Conc: 2.50 ng/ml



#14 Endrin

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 4216133
Conc: 2.45 ng/ml



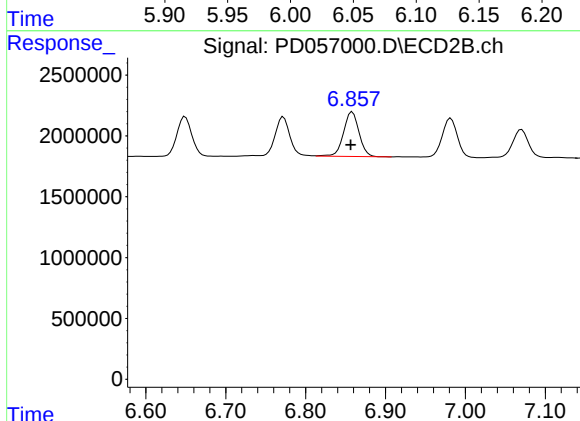
#15 Endosulfan II

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 2676311
Conc: 2.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
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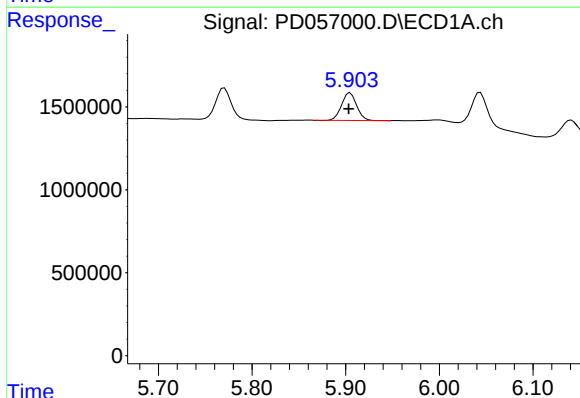
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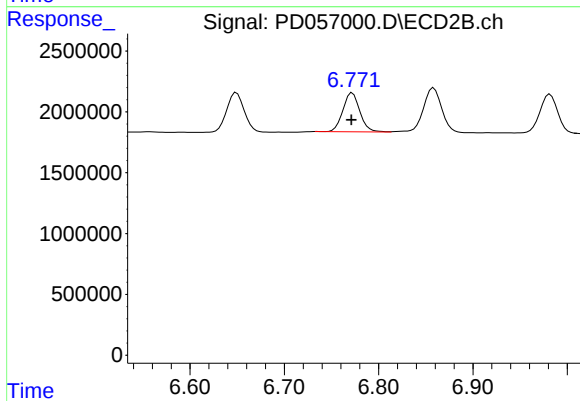
#15 Endosulfan II

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 4969988
Conc: 2.60 ng/ml



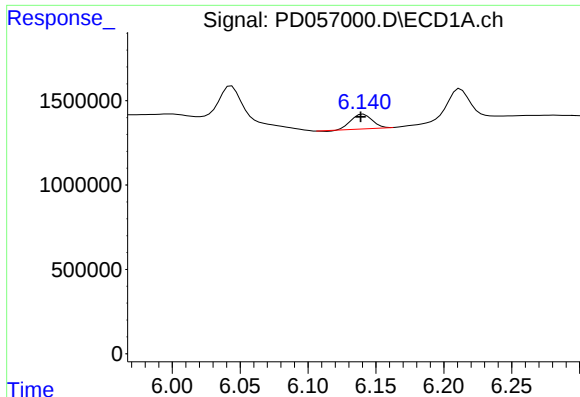
#16 4,4'-DDD

R.T.: 5.905 min
Delta R.T.: 0.002 min
Response: 1868190
Conc: 2.23 ng/ml



#16 4,4'-DDD

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 4026605
Conc: 2.39 ng/ml



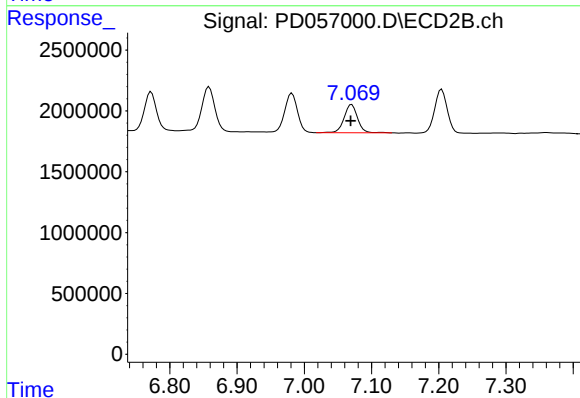
#17 4,4'-DDT

R.T.: 6.141 min
Delta R.T.: 0.002 min
Response: 930275
Conc: 1.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

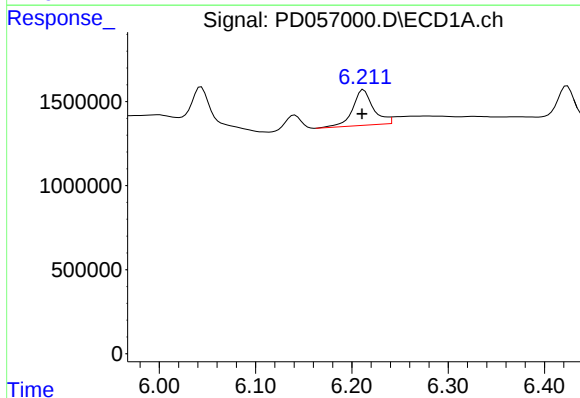
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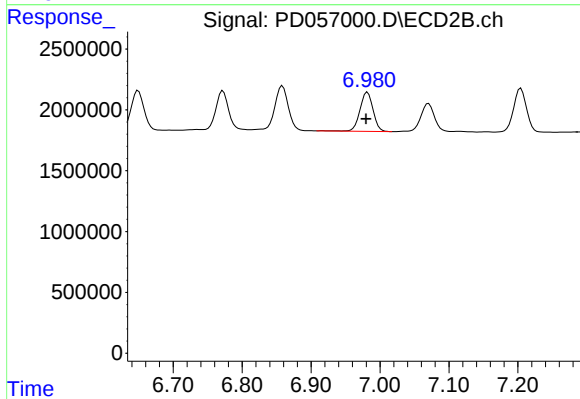
#17 4,4'-DDT

R.T.: 7.071 min
Delta R.T.: 0.002 min
Response: 3206866
Conc: 2.08 ng/ml



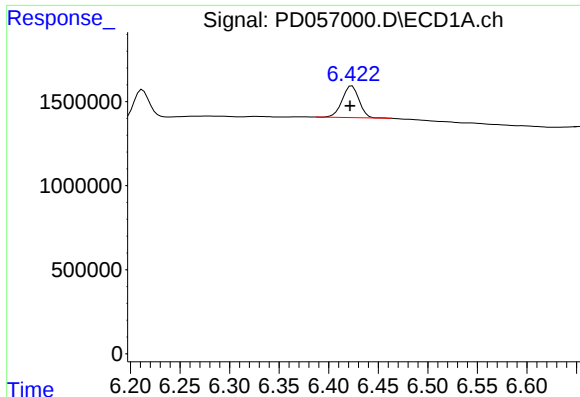
#18 Endrin aldehyde

R.T.: 6.212 min
Delta R.T.: 0.001 min
Response: 3177007
Conc: 3.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.982 min
Delta R.T.: 0.002 min
Response: 4226997
Conc: 2.56 ng/ml



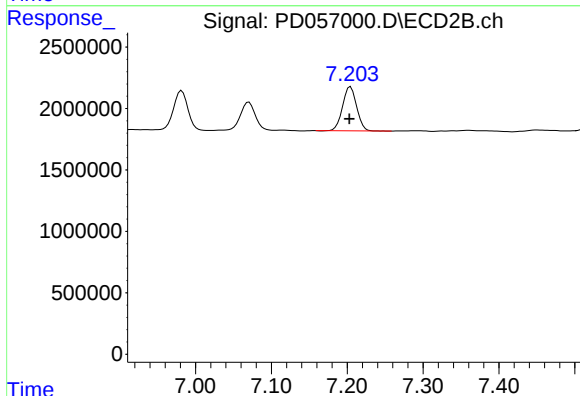
#19 Endosulfan Sulfate

R.T.: 6.424 min
Delta R.T.: 0.002 min
Response: 2234553
Conc: 2.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

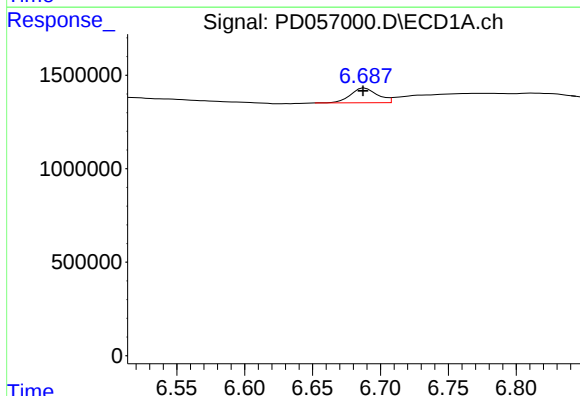
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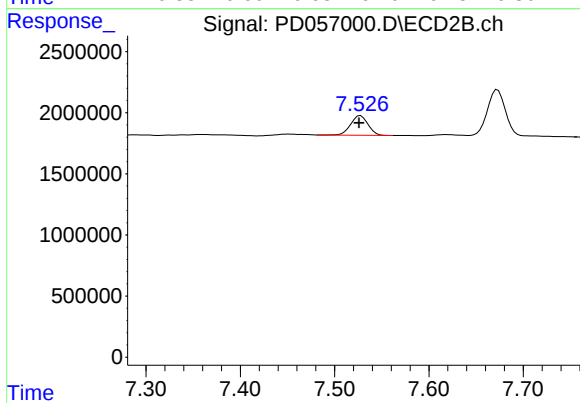
#19 Endosulfan Sulfate

R.T.: 7.204 min
Delta R.T.: 0.002 min
Response: 4619438
Conc: 2.52 ng/ml



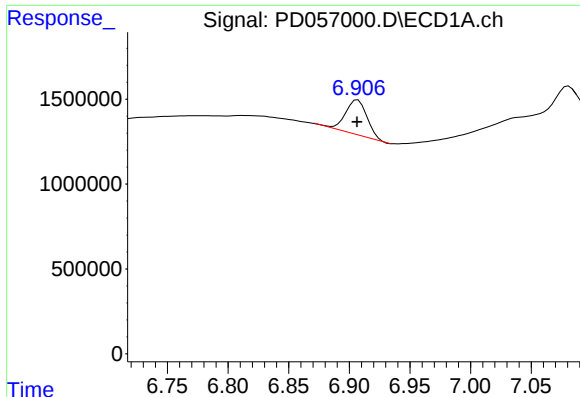
#20 Methoxychlor

R.T.: 6.688 min
Delta R.T.: 0.001 min
Response: 1084486
Conc: 2.76 ng/ml



#20 Methoxychlor

R.T.: 7.528 min
Delta R.T.: 0.002 min
Response: 2064261
Conc: 2.34 ng/ml



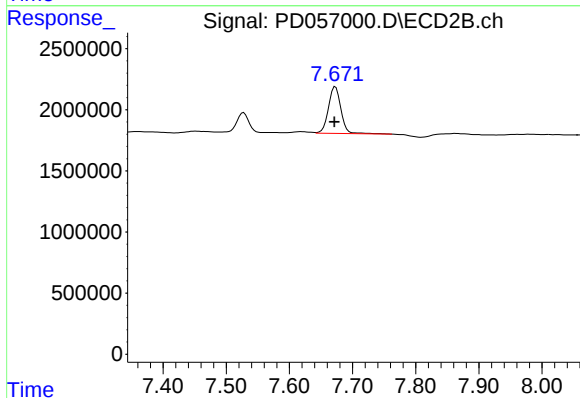
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 2383809
Conc: 2.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
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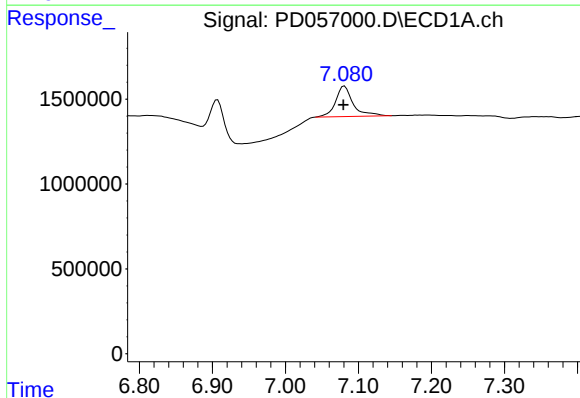
Manual Integrations
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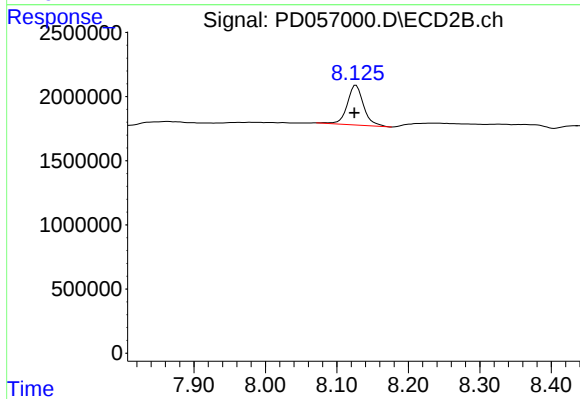
#21 Endrin ketone

R.T.: 7.673 min
Delta R.T.: 0.001 min
Response: 5250538
Conc: 2.55 ng/ml



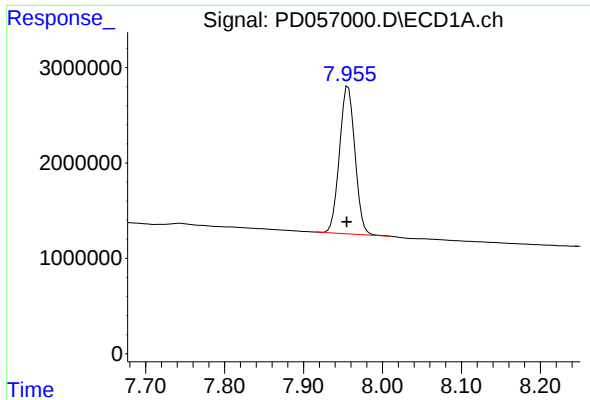
#22 Mirex

R.T.: 7.081 min
Delta R.T.: 0.002 min
Response: 2989365
Conc: 3.56 ng/ml



#22 Mirex

R.T.: 8.127 min
Delta R.T.: 0.002 min
Response: 4934197
Conc: 3.37 ng/ml



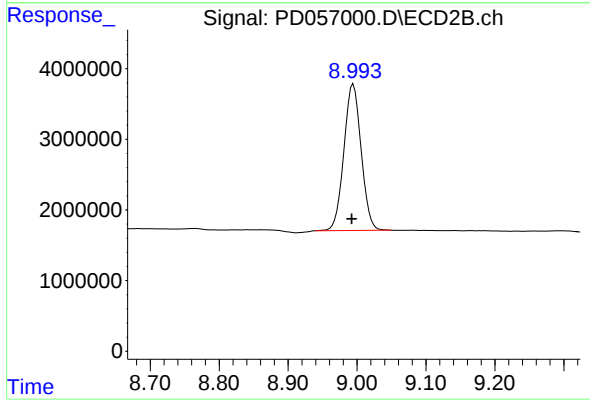
#28 Decachlorobiphenyl

R.T.: 7.956 min
Delta R.T.: 0.002 min
Response: 21035272
Conc: 21.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Manual Integrations
APPROVED

mohammad
1/21/2020 2:57:01 PM



#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.002 min
Response: 36096389
Conc: 21.66 ng/ml