

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
 Data File : PD059841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2020 11:00
 Operator : DD\AJ
 Sample : L4214-07
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:34:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 20 07:13:18 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...	3.507	4.024	29668328	49925170	19.981	20.341
28)	SA Decachlor...	8.306	9.109	34456628	41804610	22.286	23.085
Target Compounds							
2)	A alpha-BHC	3.949	4.415	5959779	9599766	2.466	2.506
3)	MA gamma-BHC...	4.235	4.700	6104240	8317089	2.680	2.370
4)	MA Heptachlor	4.543	5.212	6099026	10286322	2.570	3.017
5)	MB Aldrin	4.794	5.518	5696284	8898527	2.553	2.832
6)	B beta-BHC	4.485	4.868	2894634	3919801	3.079	2.676
7)	B delta-BHC	4.693	5.087	5340039	6168370	2.417	2.160
8)	B Heptachlo...	5.241	5.905	5478974	7868622	2.671	2.867
9)	A Endosulfan I	5.583	6.264	5033016	7051155	2.657	2.641
10)	B gamma-Chl...	5.470	6.139	5470161	7485709	2.652	2.561
11)	B alpha-Chl...	5.529	6.213	5485056	7713570	2.680	2.654
12)	B 4,4'-DDE	5.694	6.368	5238764	6838868	2.585	2.494
13)	MA Dieldrin	5.829	6.520	5274619	7483326	2.567	2.607
14)	MA Endrin	6.087	6.739	4961240	6397702	2.699	2.585
15)	B Endosulfa...	6.362	6.945	5026007	6960509	2.659	2.683m
16)	A 4,4'-DDD	6.213	6.858	4444740	6859030	2.661	2.964
17)	MA 4,4'-DDT	6.456	7.157	4393620	5889400	2.448	2.486
18)	B Endrin al...	6.531	7.071	4199227	6233859	2.890	3.016
19)	B Endosulfa...	6.746	7.294	4684917	6409832	2.898	2.787
20)	A Methoxychlor	7.006	7.614	2170663	3474983	2.291	2.730
21)	B Endrin ke...	7.241	7.766	5324971	7281472	2.840	2.930
22)	Mirex	7.436	8.223	5188628	5113812	3.622	3.129

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
Data File : PD059841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 11:00
Operator : DD\AJ
Sample : L4214-07
Misc : PEST LOD 2.5 PPB
ALS Vial : 13 Sample Multiplier: 1

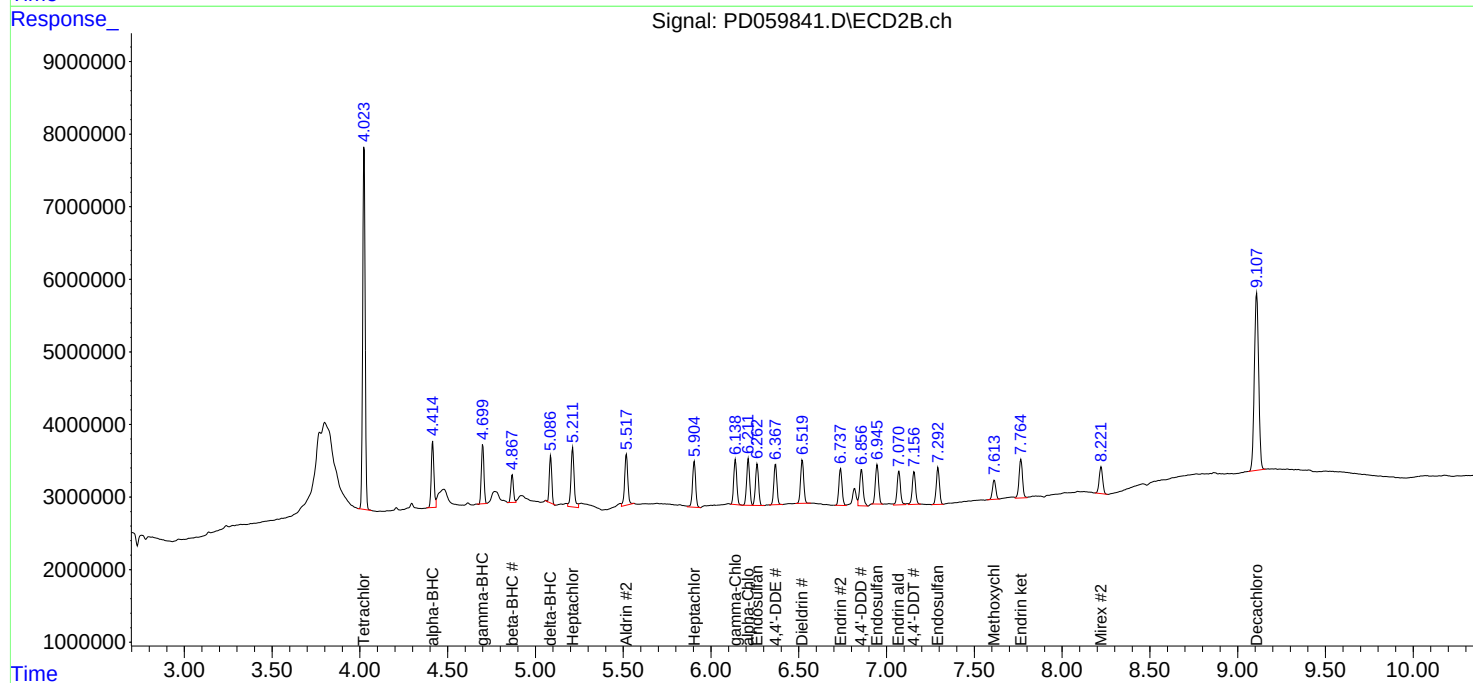
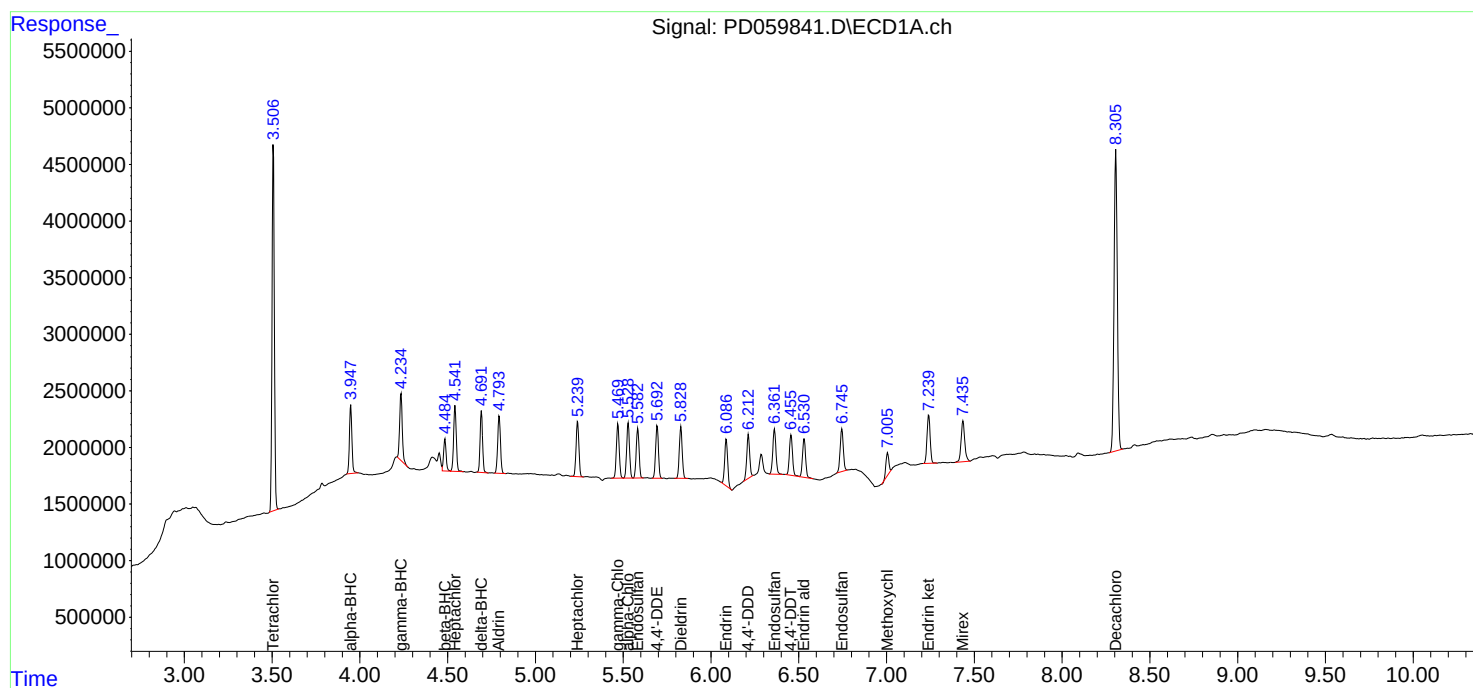
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

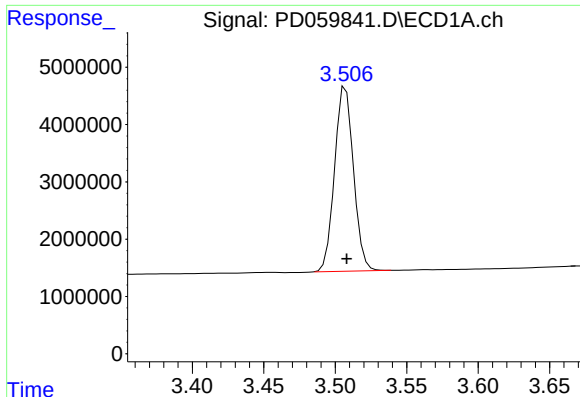
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 07:34:34 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
Quant Title : GC Extractables
QLast Update : Tue Oct 20 07:13:18 2020
Response 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





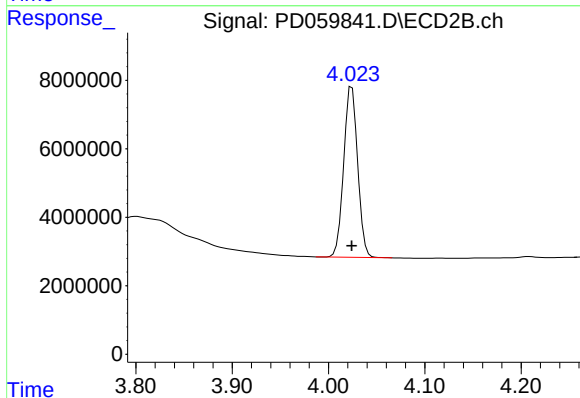
#1 Tetrachloro-m-xylene

R.T.: 3.507 min
Delta R.T.: 0.000 min
Response: 29668328
Conc: 19.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

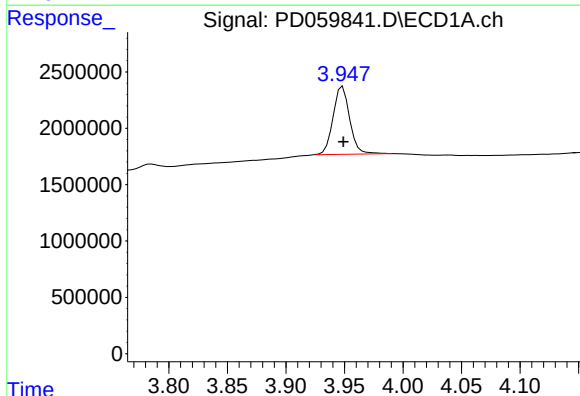
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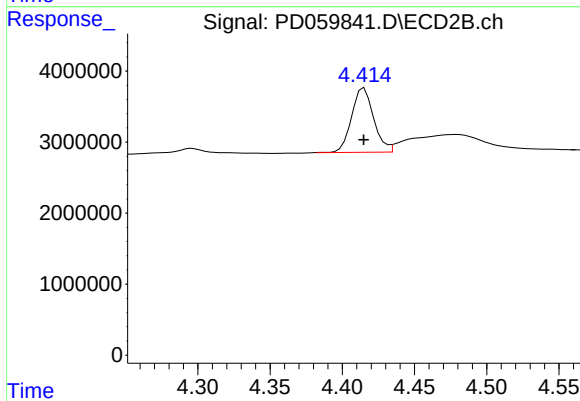
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 49925170
Conc: 20.34 ng/ml



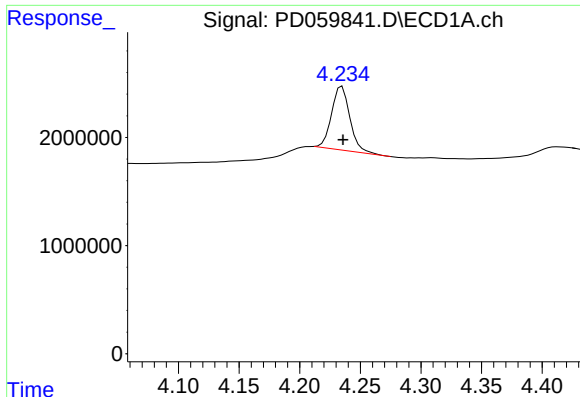
#2 alpha-BHC

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 5959779
Conc: 2.47 ng/ml



#2 alpha-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 9599766
Conc: 2.51 ng/ml



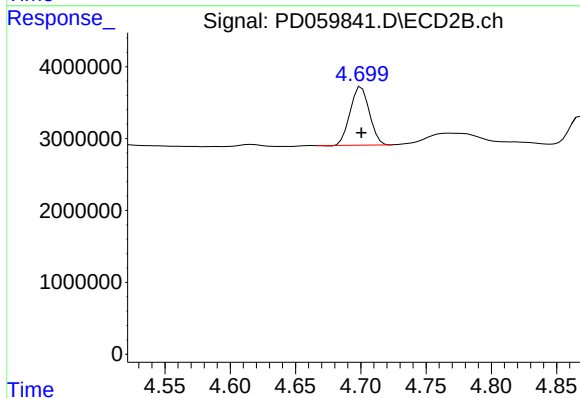
#3 gamma-BHC (Lindane)

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 6104240
Conc: 2.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

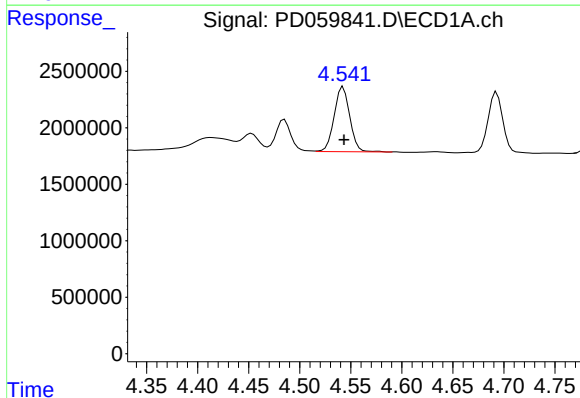
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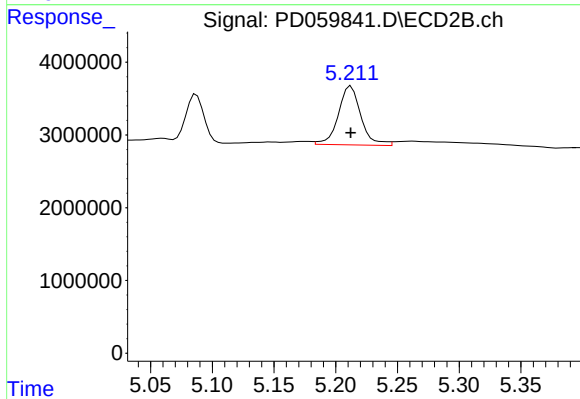
#3 gamma-BHC (Lindane)

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 8317089
Conc: 2.37 ng/ml



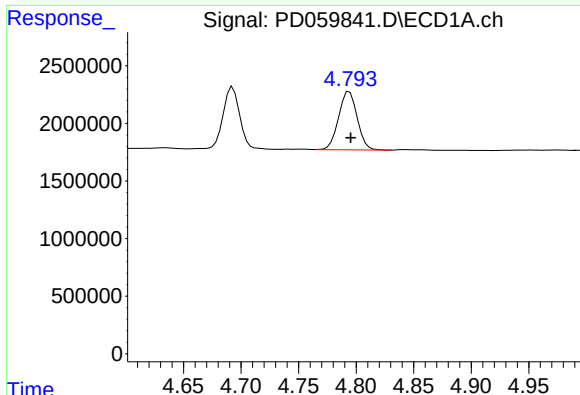
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 6099026
Conc: 2.57 ng/ml



#4 Heptachlor

R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 10286322
Conc: 3.02 ng/ml



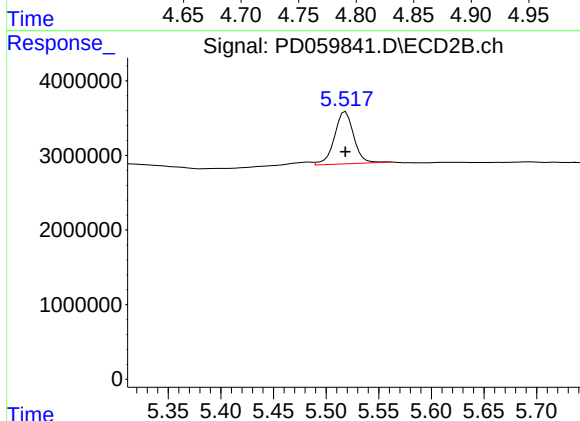
#5 Aldrin

R.T.: 4.794 min
Delta R.T.: -0.001 min
Response: 5696284
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

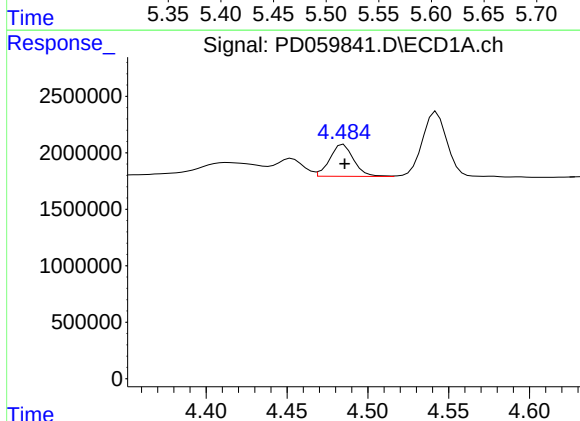
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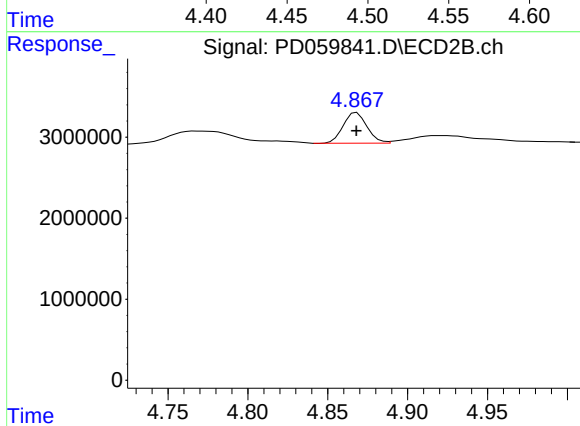
#5 Aldrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 8898527
Conc: 2.83 ng/ml



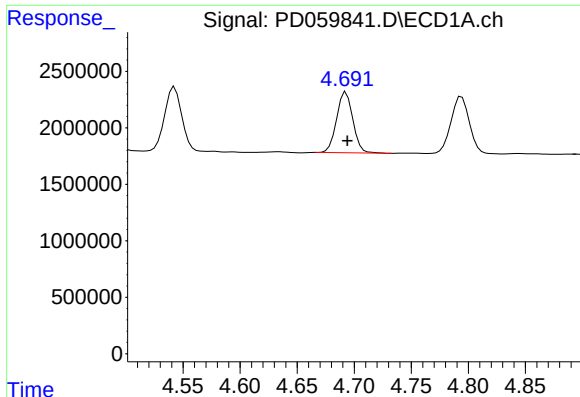
#6 beta-BHC

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 2894634
Conc: 3.08 ng/ml



#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 3919801
Conc: 2.68 ng/ml



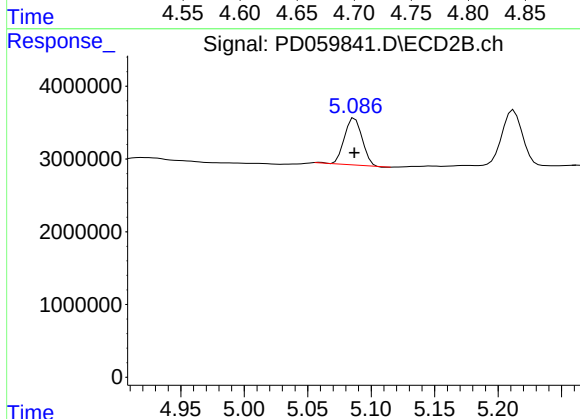
#7 delta-BHC

R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 5340039
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

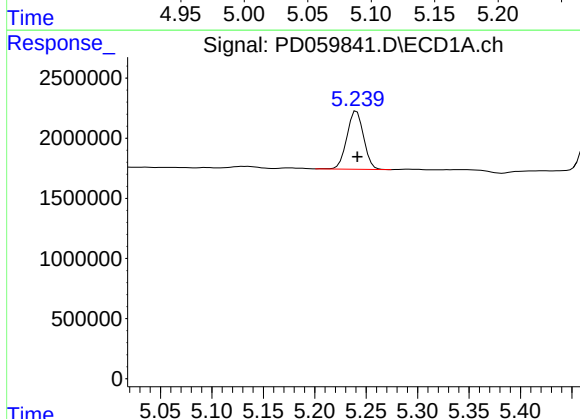
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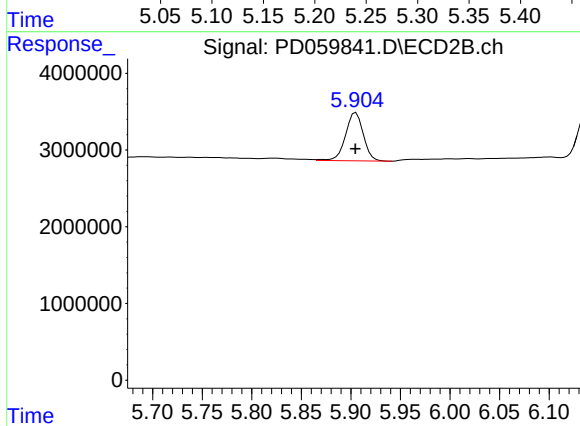
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 6168370
Conc: 2.16 ng/ml



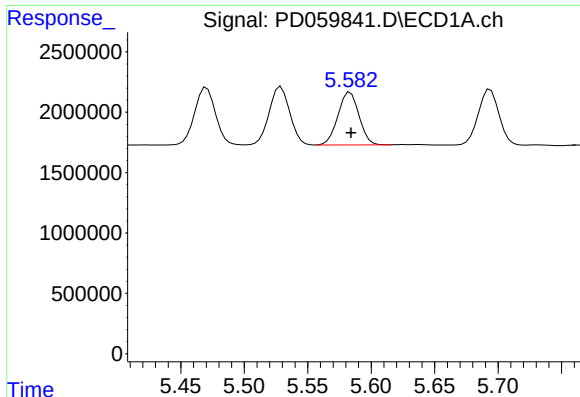
#8 Heptachlor epoxide

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 5478974
Conc: 2.67 ng/ml



#8 Heptachlor epoxide

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 7868622
Conc: 2.87 ng/ml



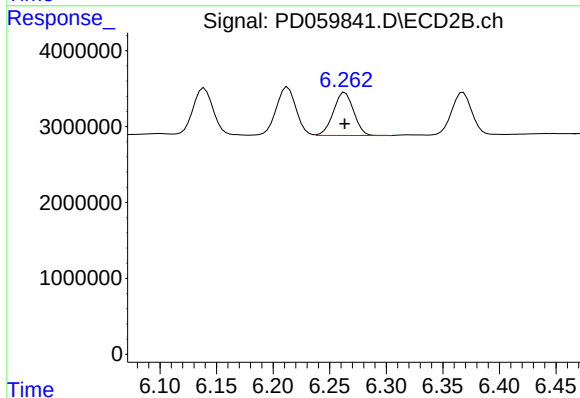
#9 Endosulfan I

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 5033016
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

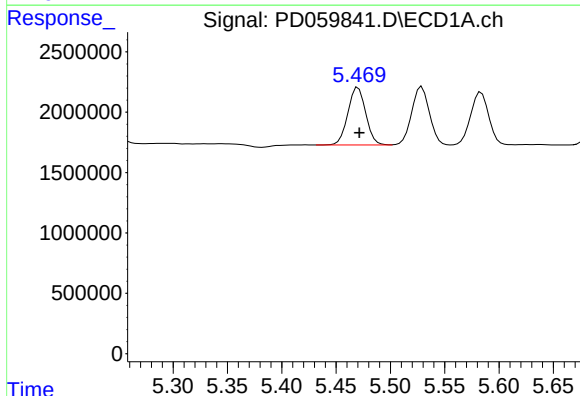
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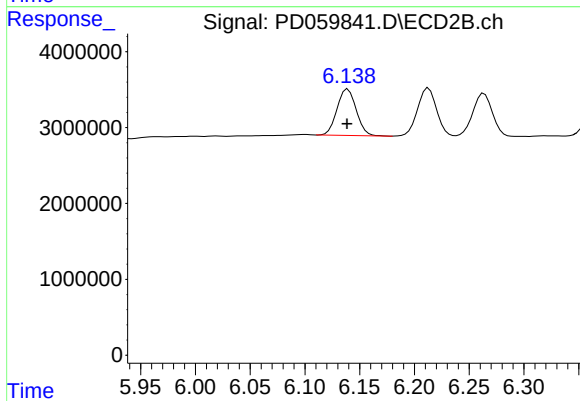
#9 Endosulfan I

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 7051155
Conc: 2.64 ng/ml



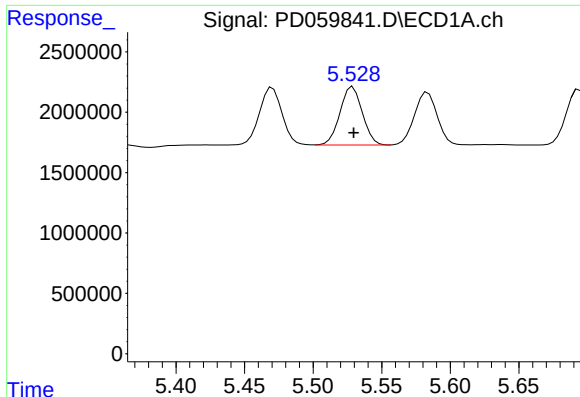
#10 gamma-Chlordane

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 5470161
Conc: 2.65 ng/ml



#10 gamma-Chlordane

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 7485709
Conc: 2.56 ng/ml



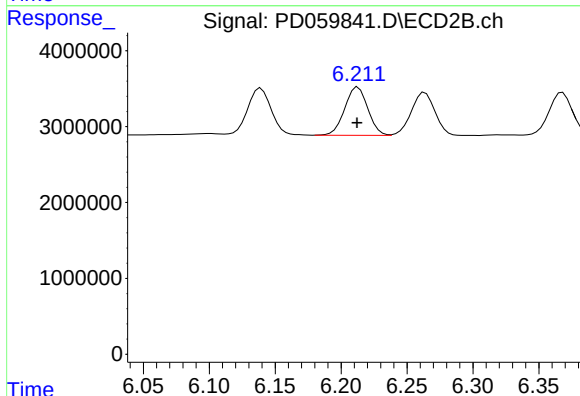
#11 alpha-Chlordane

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 5485056
Conc: 2.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

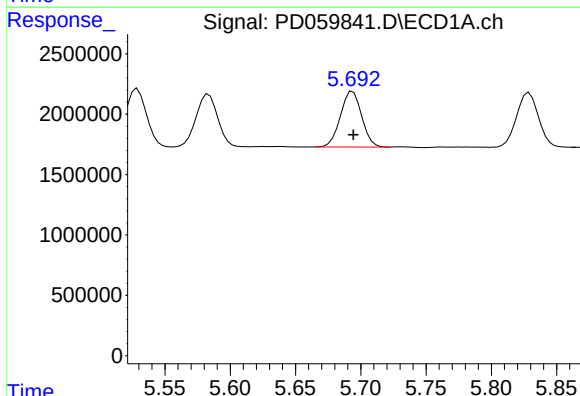
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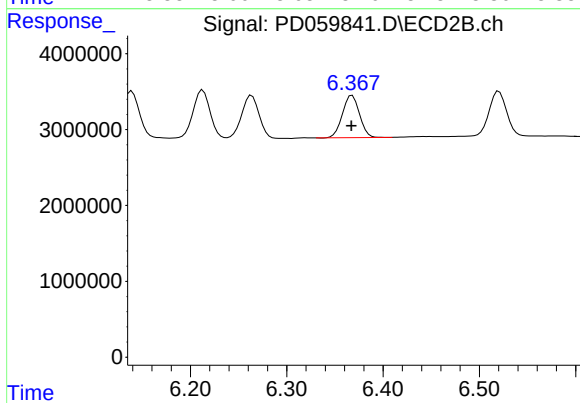
#11 alpha-Chlordane

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 7713570
Conc: 2.65 ng/ml



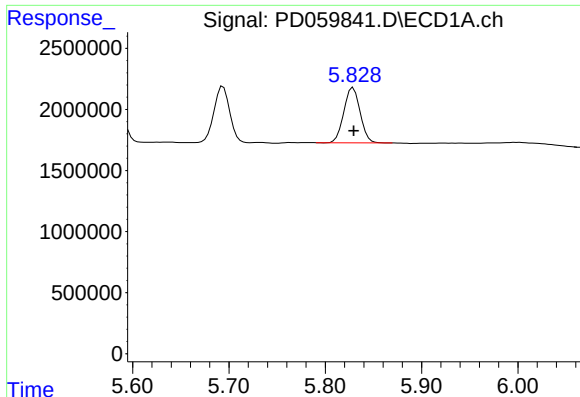
#12 4,4'-DDE

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 5238764
Conc: 2.59 ng/ml



#12 4,4'-DDE

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 6838868
Conc: 2.49 ng/ml



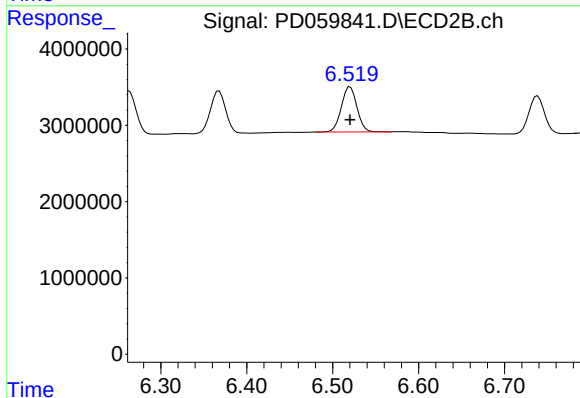
#13 Dieldrin

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 5274619
Conc: 2.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

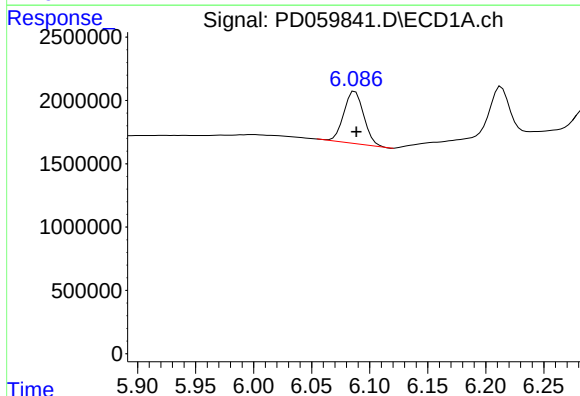
Manual Integrations
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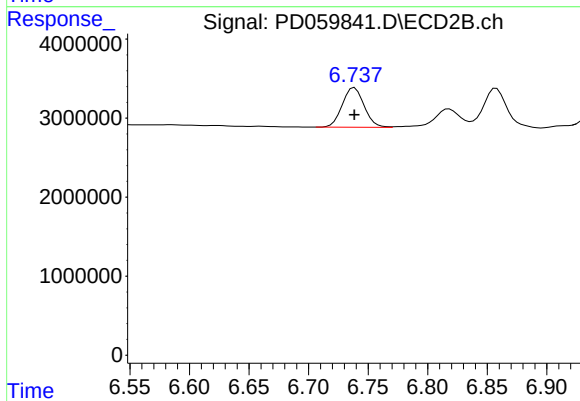
#13 Dieldrin

R.T.: 6.520 min
Delta R.T.: 0.000 min
Response: 7483326
Conc: 2.61 ng/ml



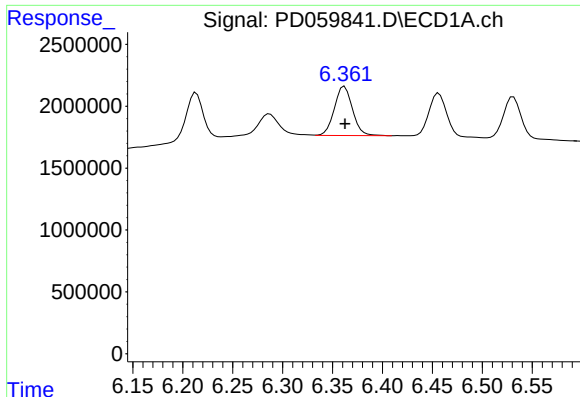
#14 Endrin

R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 4961240
Conc: 2.70 ng/ml



#14 Endrin

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 6397702
Conc: 2.59 ng/ml



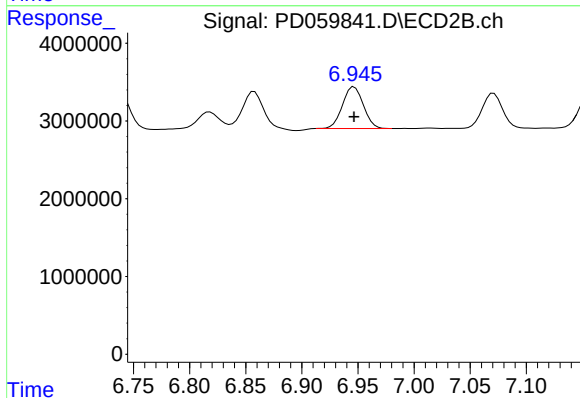
#15 Endosulfan II

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 5026007
Conc: 2.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

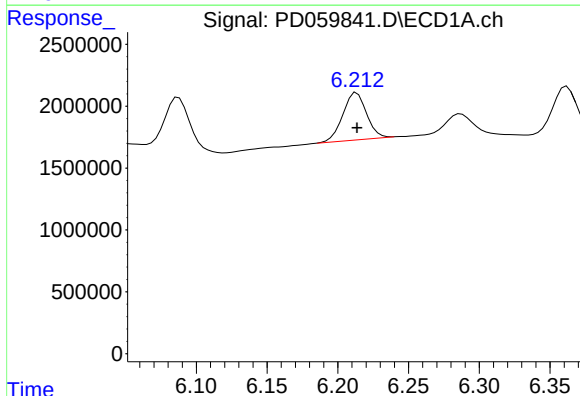
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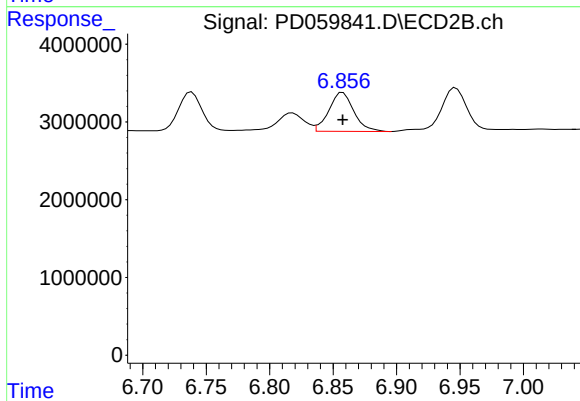
#15 Endosulfan II

R.T.: 6.945 min
Delta R.T.: -0.001 min
Response: 6960509
Conc: 2.68 ng/ml m



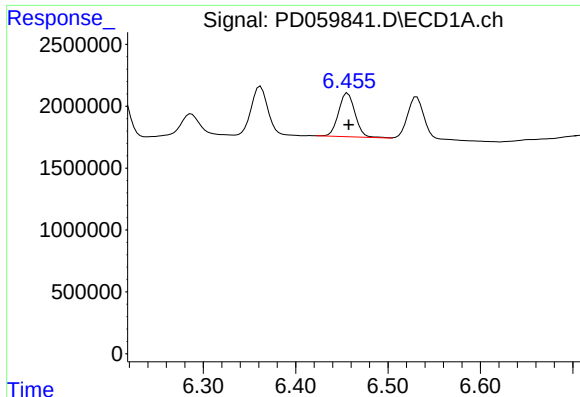
#16 4,4'-DDD

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 4444740
Conc: 2.66 ng/ml



#16 4,4'-DDD

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 6859030
Conc: 2.96 ng/ml



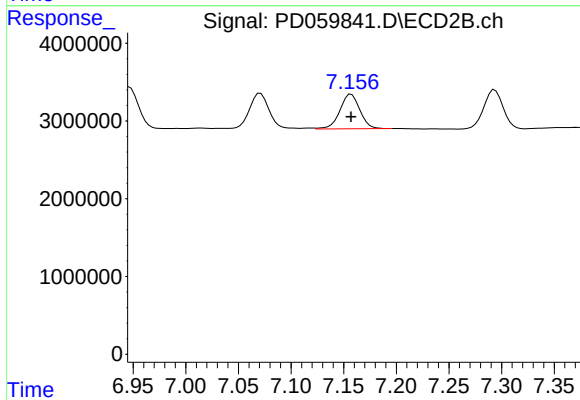
#17 4,4'-DDT

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 4393620
Conc: 2.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

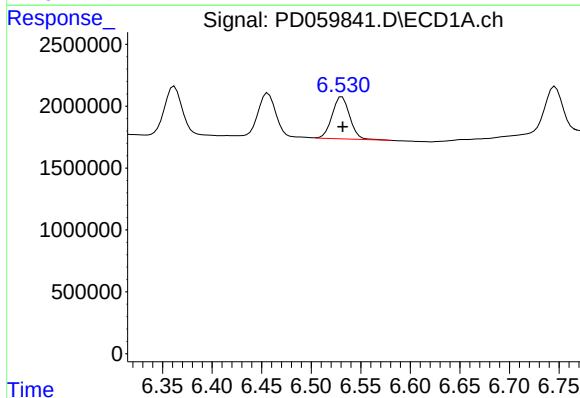
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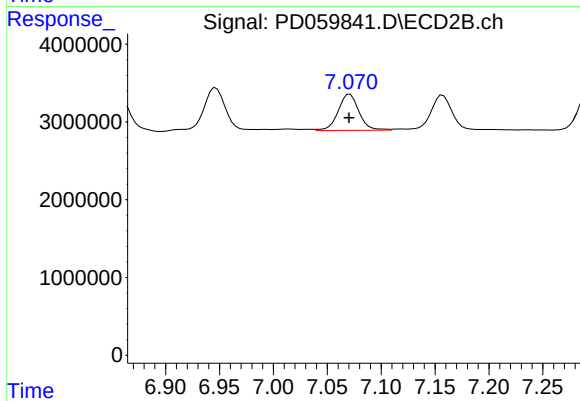
#17 4,4'-DDT

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 5889400
Conc: 2.49 ng/ml



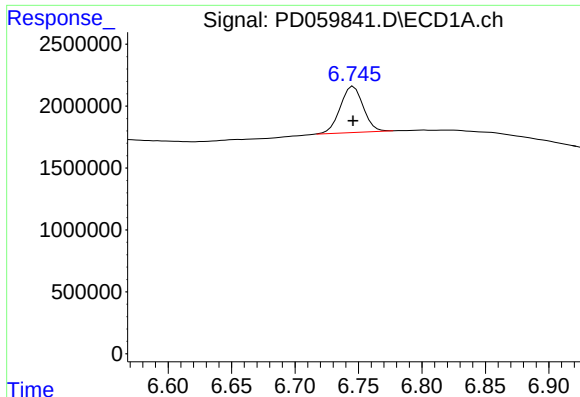
#18 Endrin aldehyde

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 4199227
Conc: 2.89 ng/ml



#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 6233859
Conc: 3.02 ng/ml



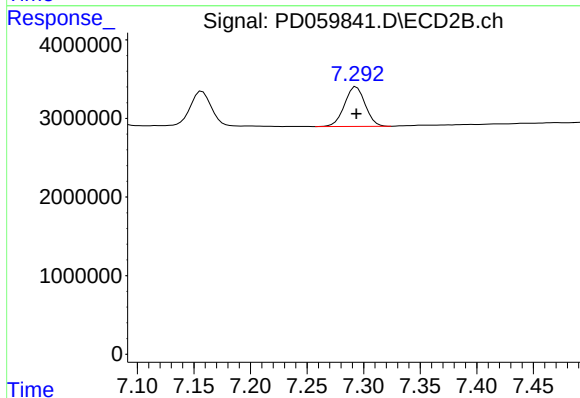
#19 Endosulfan Sulfate

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 4684917
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

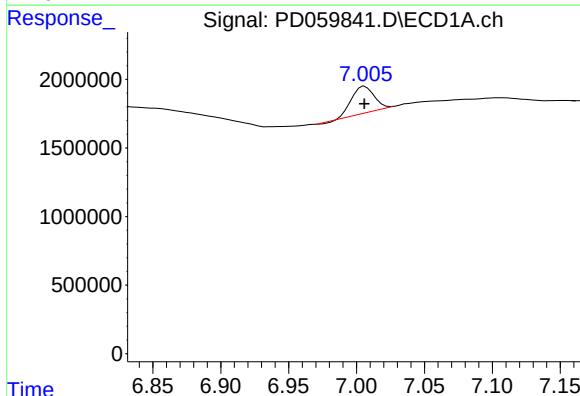
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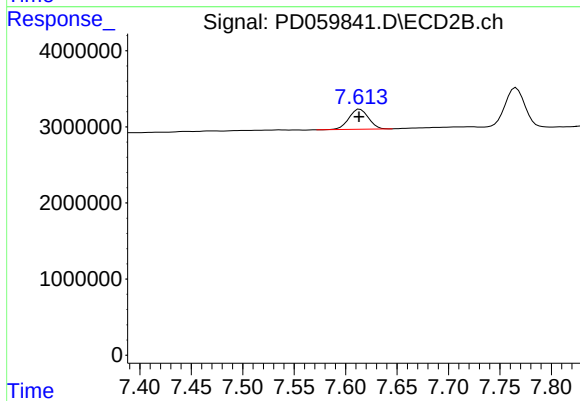
#19 Endosulfan Sulfate

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 6409832
Conc: 2.79 ng/ml



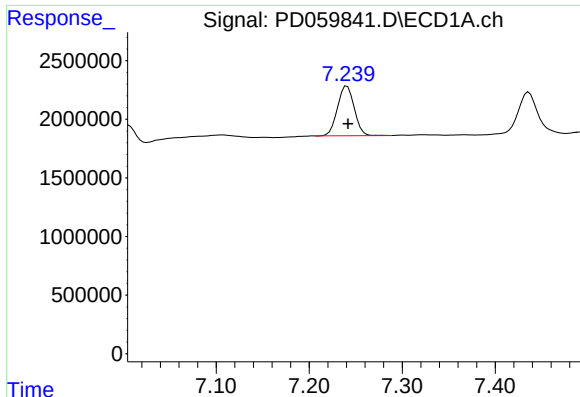
#20 Methoxychlor

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 2170663
Conc: 2.29 ng/ml



#20 Methoxychlor

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 3474983
Conc: 2.73 ng/ml



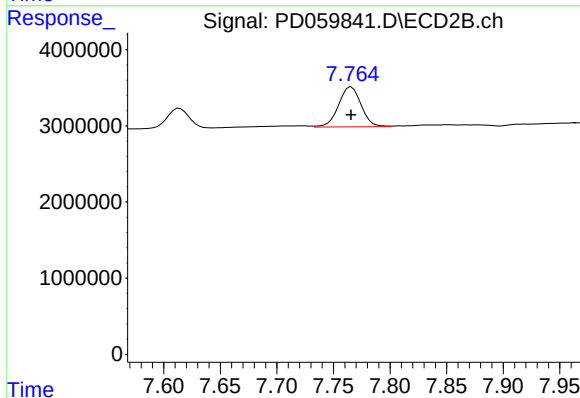
#21 Endrin ketone

R.T.: 7.241 min
Delta R.T.: -0.001 min
Response: 5324971
Conc: 2.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

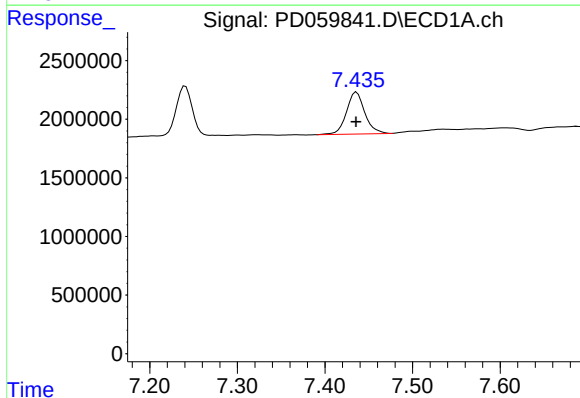
Manual Integrations
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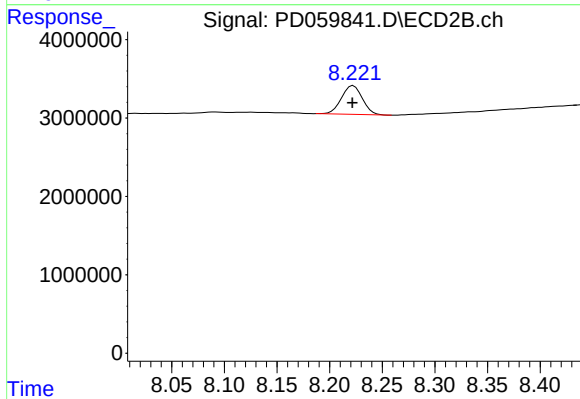
#21 Endrin ketone

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 7281472
Conc: 2.93 ng/ml



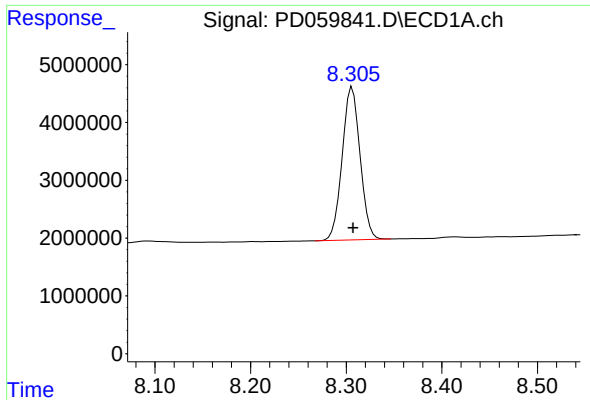
#22 Mirex

R.T.: 7.436 min
Delta R.T.: 0.000 min
Response: 5188628
Conc: 3.62 ng/ml



#22 Mirex

R.T.: 8.223 min
Delta R.T.: 0.001 min
Response: 5113812
Conc: 3.13 ng/ml



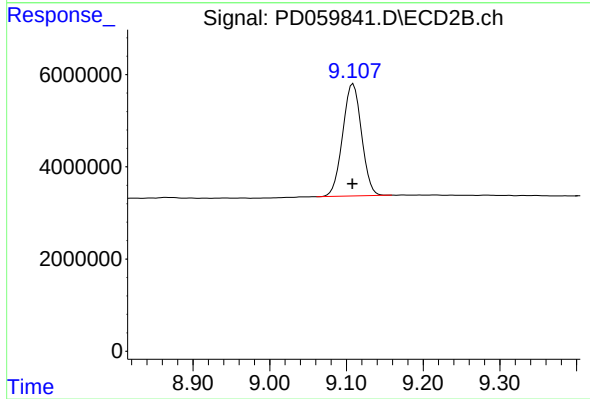
#28 Decachlorobiphenyl

R.T.: 8.306 min
Delta R.T.: 0.000 min
Response: 34456628
Conc: 22.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Manual Integrations
APPROVED

Ankita
10/21/2020 2:03:21 PM



#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 41804610
Conc: 23.08 ng/ml