

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
 Data File : PD061639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 12:48
 Operator : AR\AJ
 Sample : M1458-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 05:55:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 16 02:33:48 2021
 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...	3.485	3.981	15027641	149.8E6	19.257	19.567
28)	SA Decachlor...	8.257	9.039	22012271	163.6E6	19.491	19.541
Target Compounds							
2)	A alpha-BHC	3.924	4.370	5722185	57977712	4.819	5.049
3)	MA gamma-BHC...	4.209	4.654	5373912	55342354	4.930	5.291
4)	MA Heptachlor	4.513	5.162	4750250	56361057	5.957	5.853
5)	MB Aldrin	4.763	5.467	5453714	58306014	4.961	5.346
6)	B beta-BHC	4.459	4.823	2874212	22845561	5.690	5.394
7)	B delta-BHC	4.665	5.040	5399971	69046021	4.828	6.477 #
8)	B Heptachlo...	5.207	5.852	5379404	56331629	5.181	5.873
9)	A Endosulfan I	5.547	6.209	5253519	51801511	5.224	5.570
10)	B gamma-Chl...	5.434	6.086	5556243	60163332	5.199	5.822
11)	B alpha-Chl...	5.493	6.159	5531388	52336290	5.238	5.345
12)	B 4,4'-DDE	5.656	6.315	5184203	54122567	4.977	5.401
13)	MA Dieldrin	5.791	6.466	5203906	52405478	5.075	5.207
14)	MA Endrin	6.050	6.683	4534831	41833349	4.958	5.078
15)	B Endosulfa...	6.321	6.892	4922546	47459347	5.239m	5.659
16)	A 4,4'-DDD	6.173	6.805	4063355	43399726	5.314	5.406
17)	MA 4,4'-DDT	6.414	7.104	3691933	44318800	4.627m	5.248
18)	B Endrin al...	6.492	7.016	4657648	39755045	6.175	5.784
19)	B Endosulfa...	6.706	7.239	5318784	47625209	5.486	5.473
20)	A Methoxychlor	6.959	7.559	1907284	17273701	4.903m	4.513m
21)	B Endrin ke...	7.199	7.709	6493132	47931092	5.598	5.260
22)	Mirex	7.390	8.164	5237170	34937426	6.001	6.123

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031621\
 Data File : PD061639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 12:48
 Operator : AR\AJ
 Sample : M1458-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 14 Sample Multiplier: 1

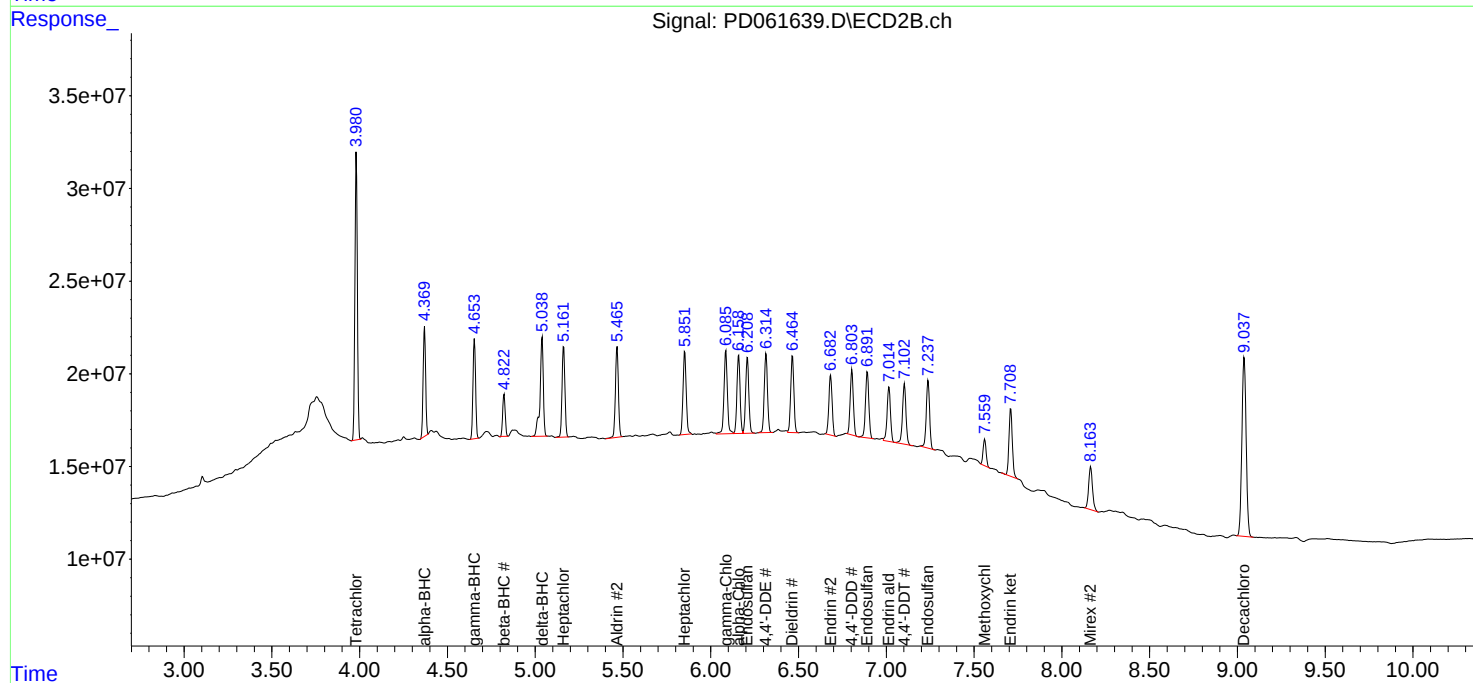
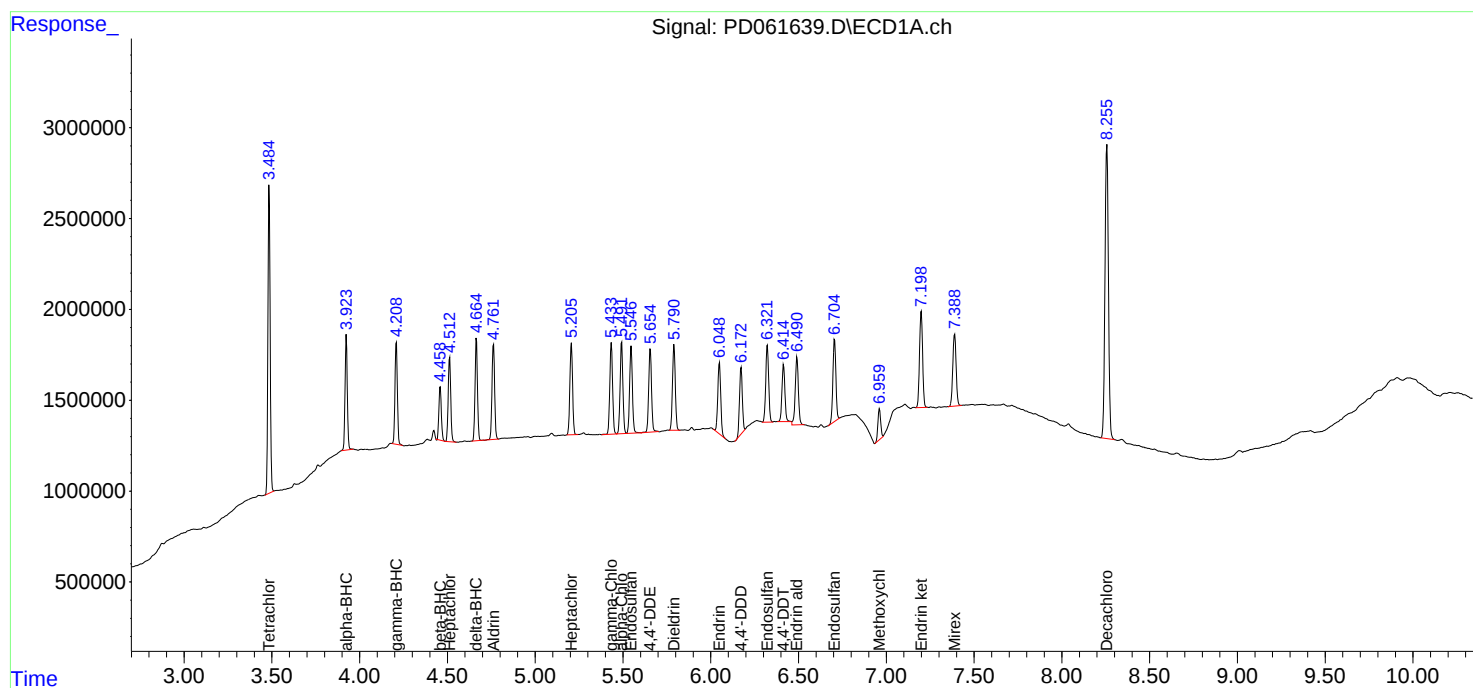
Instrument :
 ECD_D
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 LOQ-WATER-02-QT1-2021

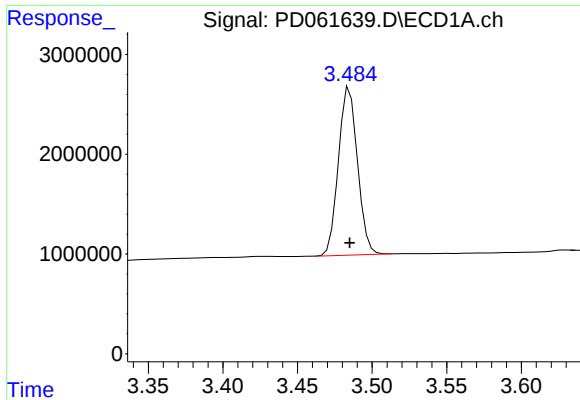
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 05:55:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031521.M
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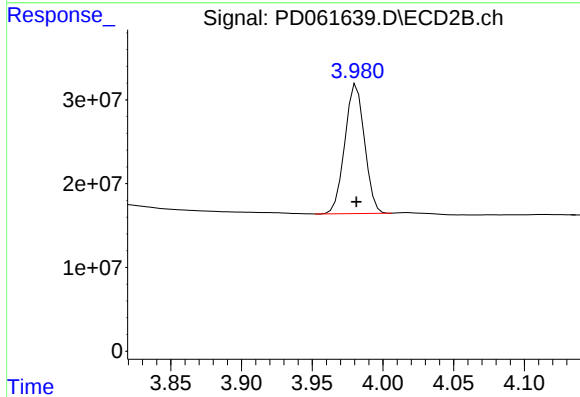
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 15027641
Conc: 19.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

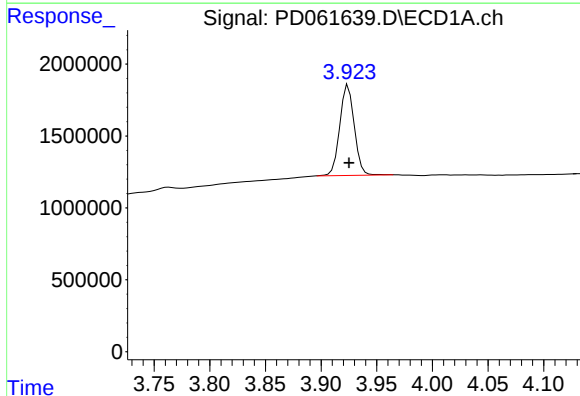
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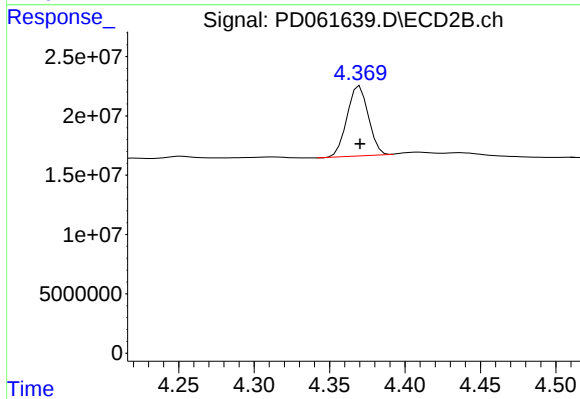
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 149768766
Conc: 19.57 ng/ml



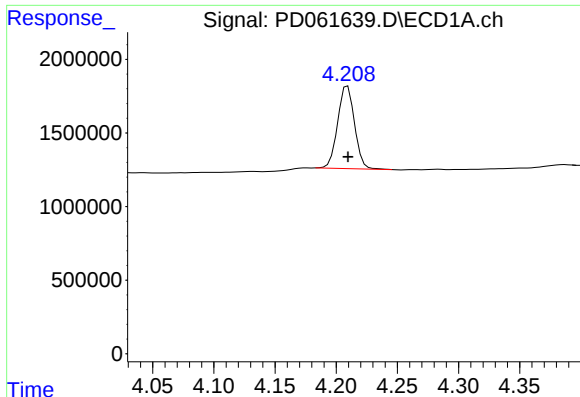
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 5722185
Conc: 4.82 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 57977712
Conc: 5.05 ng/ml



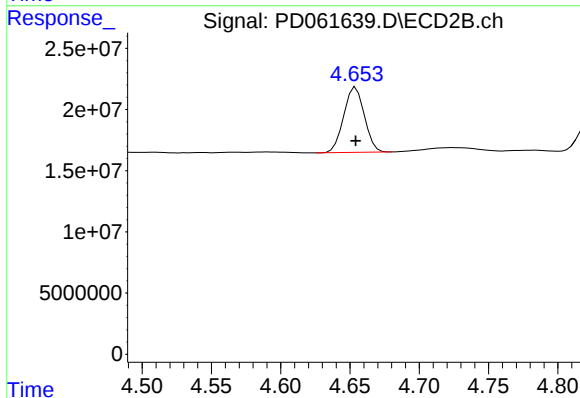
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 5373912
Conc: 4.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

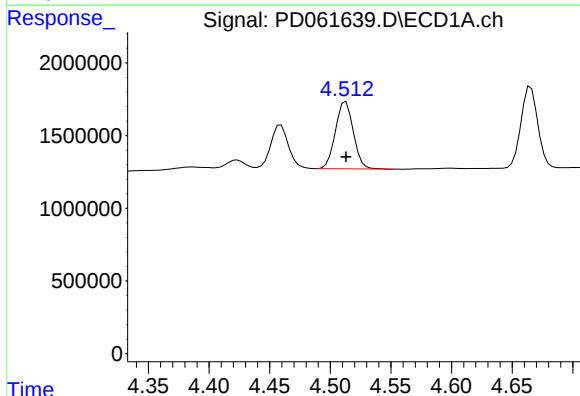
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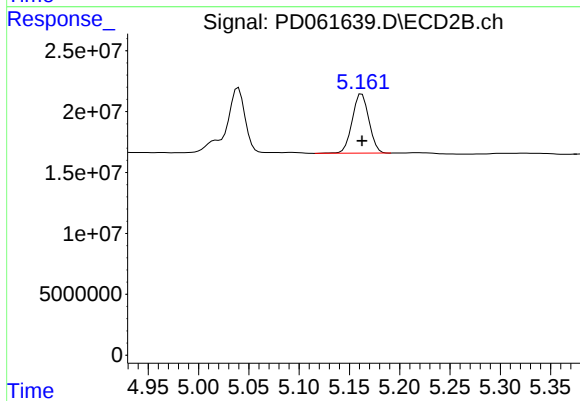
#3 gamma-BHC (Lindane)

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 55342354
Conc: 5.29 ng/ml



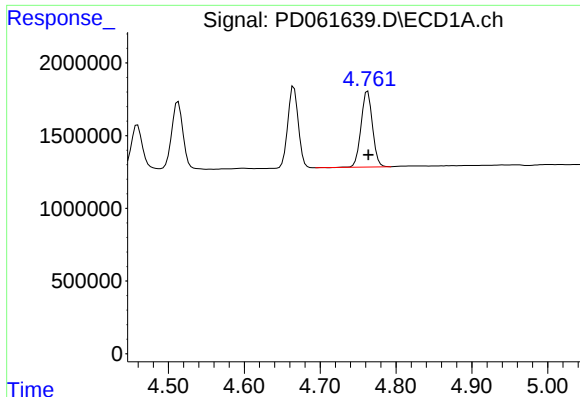
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 4750250
Conc: 5.96 ng/ml



#4 Heptachlor

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 56361057
Conc: 5.85 ng/ml



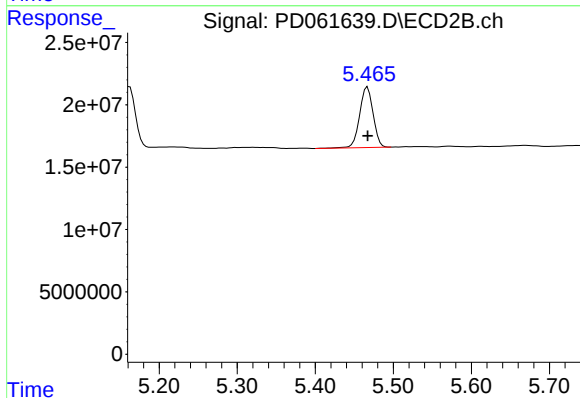
#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 5453714
Conc: 4.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

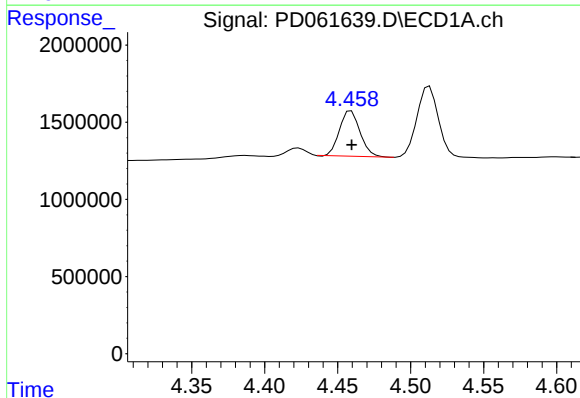
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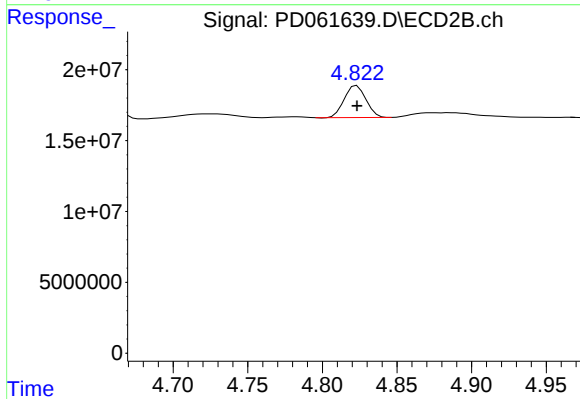
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 58306014
Conc: 5.35 ng/ml



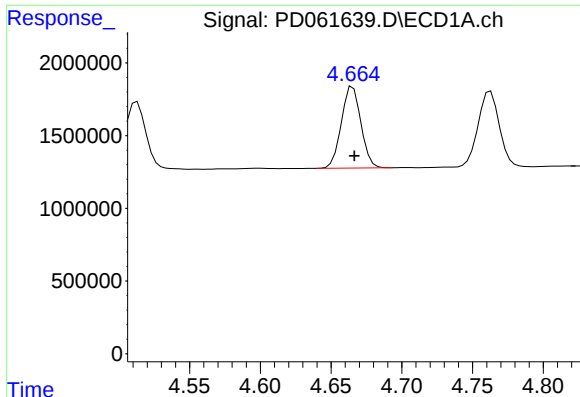
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 2874212
Conc: 5.69 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 22845561
Conc: 5.39 ng/ml



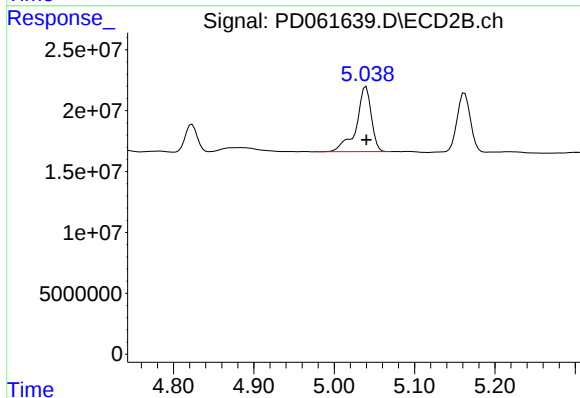
#7 delta-BHC

R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 5399971
Conc: 4.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

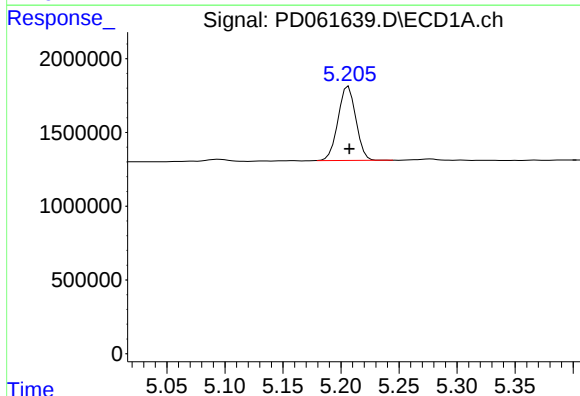
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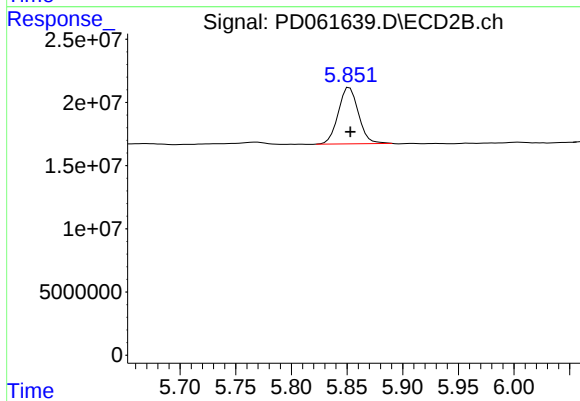
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 69046021
Conc: 6.48 ng/ml



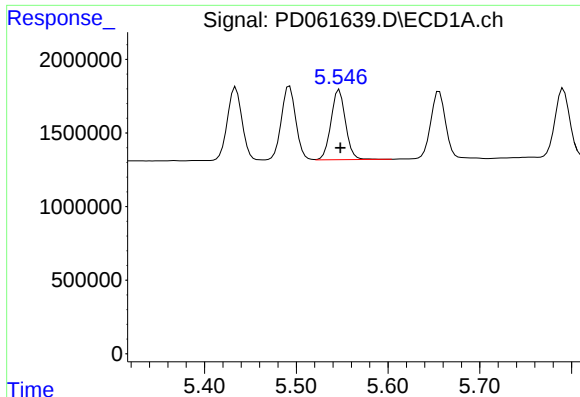
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 5379404
Conc: 5.18 ng/ml



#8 Heptachlor epoxide

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 56331629
Conc: 5.87 ng/ml



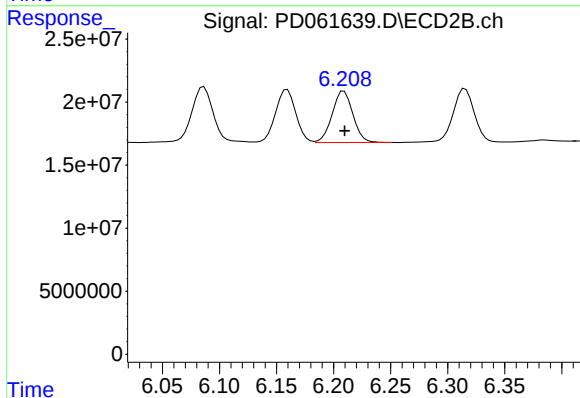
#9 Endosulfan I

R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 5253519
Conc: 5.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

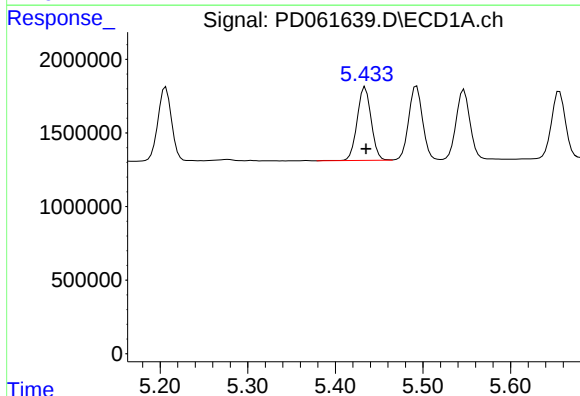
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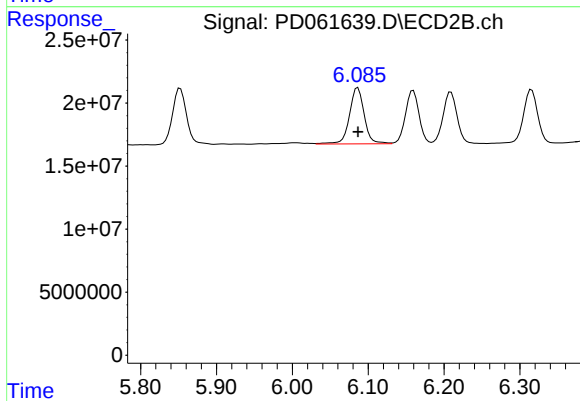
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 51801511
Conc: 5.57 ng/ml



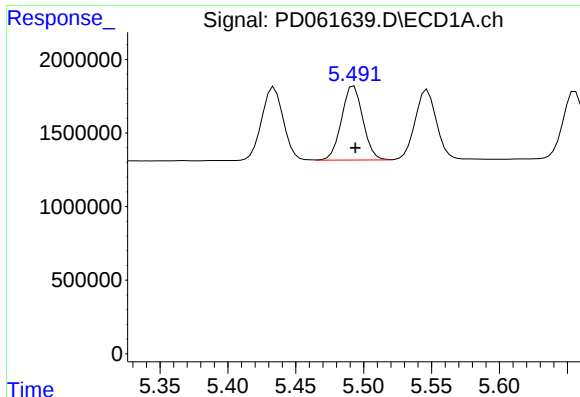
#10 gamma-Chlordane

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 5556243
Conc: 5.20 ng/ml



#10 gamma-Chlordane

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 60163332
Conc: 5.82 ng/ml



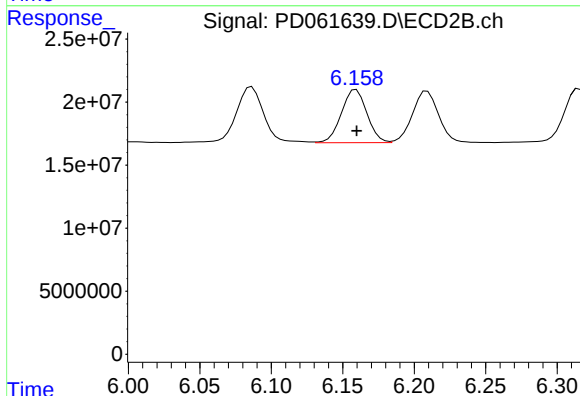
#11 alpha-Chlordane

R.T.: 5.493 min
Delta R.T.: -0.001 min
Response: 5531388
Conc: 5.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

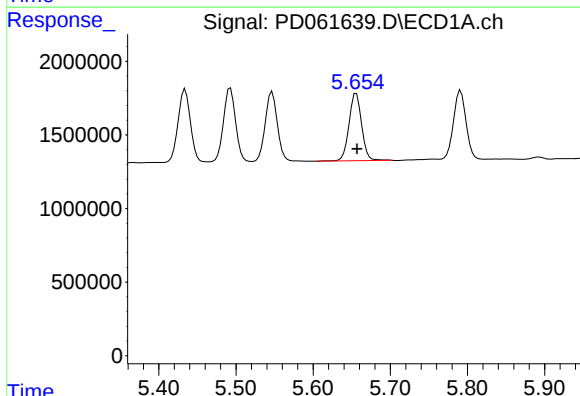
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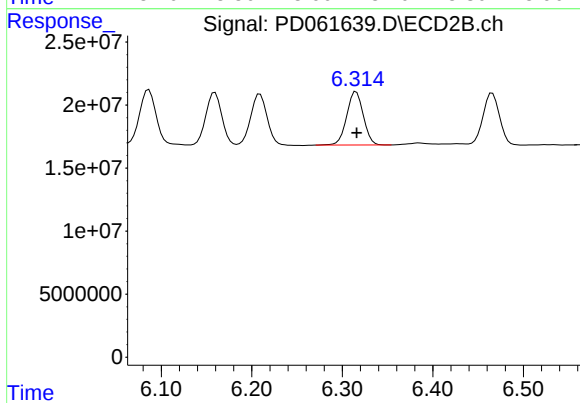
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 52336290
Conc: 5.35 ng/ml



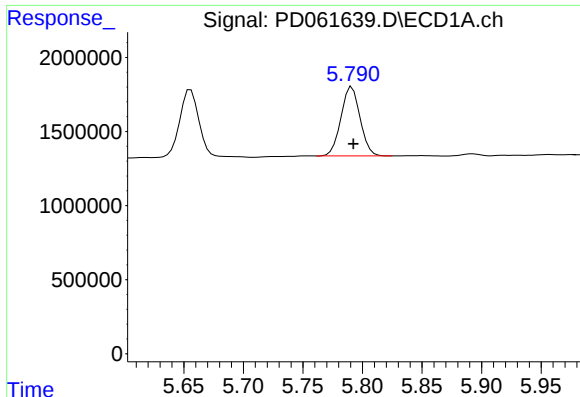
#12 4,4'-DDE

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 5184203
Conc: 4.98 ng/ml



#12 4,4'-DDE

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 54122567
Conc: 5.40 ng/ml



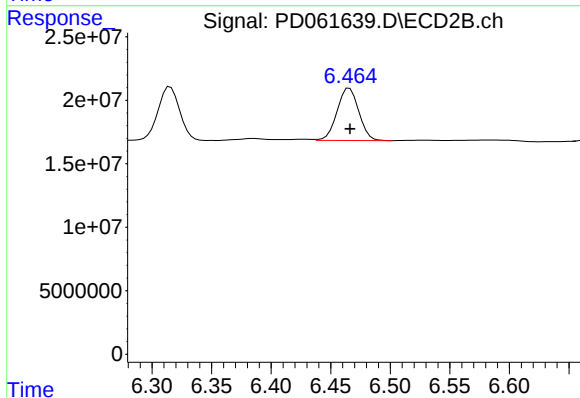
#13 Dieldrin

R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 5203906
Conc: 5.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

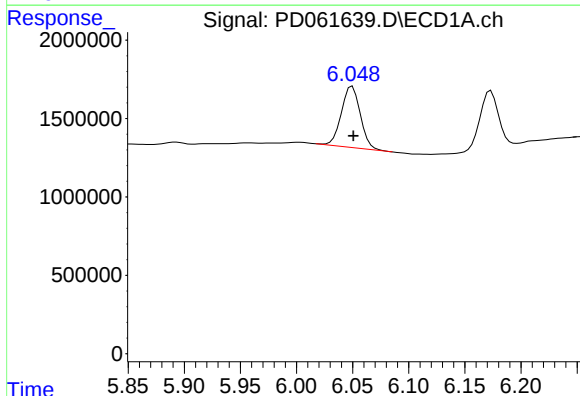
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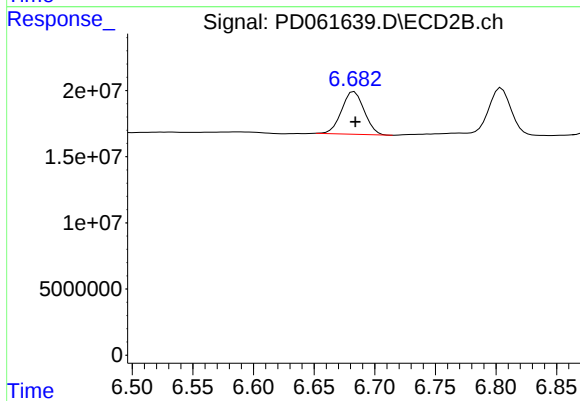
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 52405478
Conc: 5.21 ng/ml



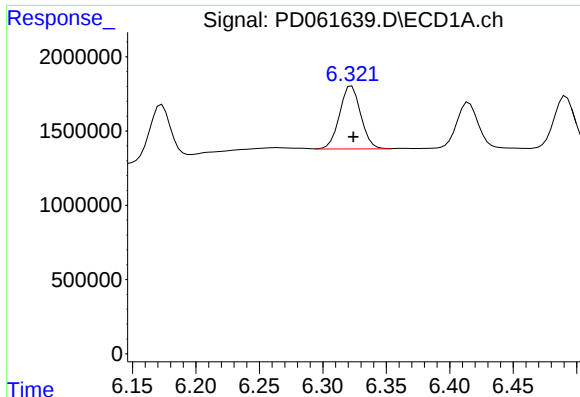
#14 Endrin

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 4534831
Conc: 4.96 ng/ml



#14 Endrin

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 41833349
Conc: 5.08 ng/ml



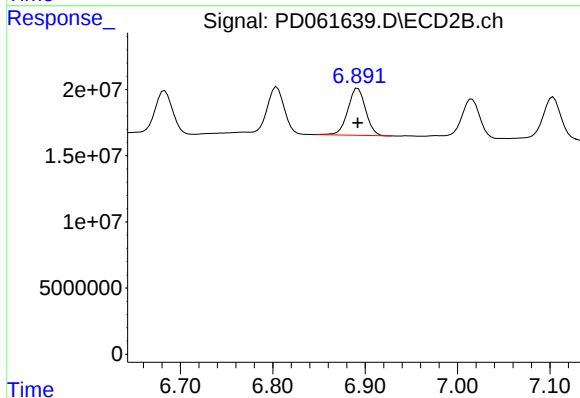
#15 Endosulfan II

R.T.: 6.321 min
Delta R.T.: -0.003 min
Response: 4922546
Conc: 5.24 ng/ml m

Instrument :
ECD_D
ClientSampleId :
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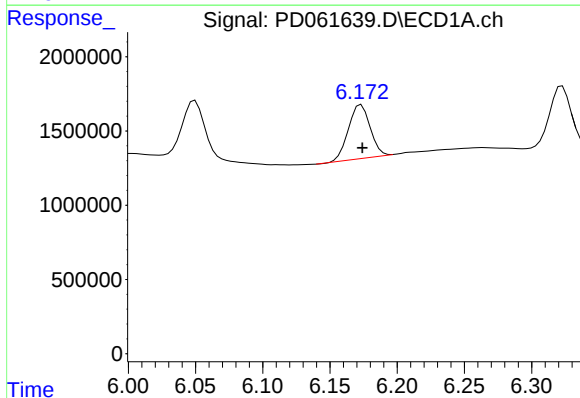
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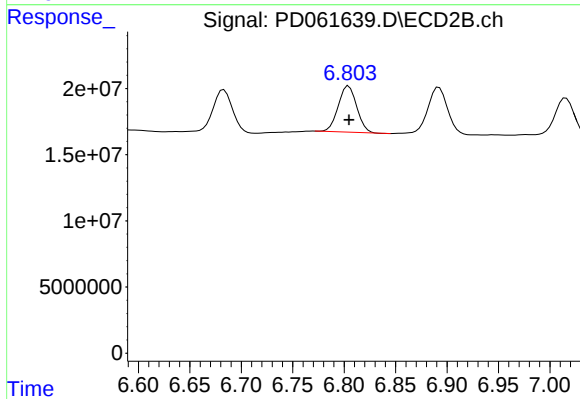
#15 Endosulfan II

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 47459347
Conc: 5.66 ng/ml



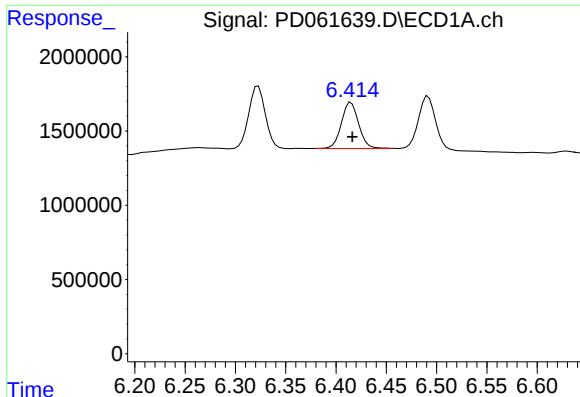
#16 4,4'-DDD

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 4063355
Conc: 5.31 ng/ml



#16 4,4'-DDD

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 43399726
Conc: 5.41 ng/ml



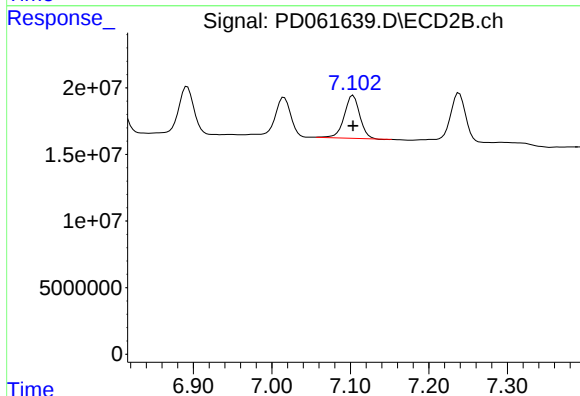
#17 4,4'-DDT

R.T.: 6.414 min
Delta R.T.: -0.003 min
Response: 3691933
Conc: 4.63 ng/ml m

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ECD_D
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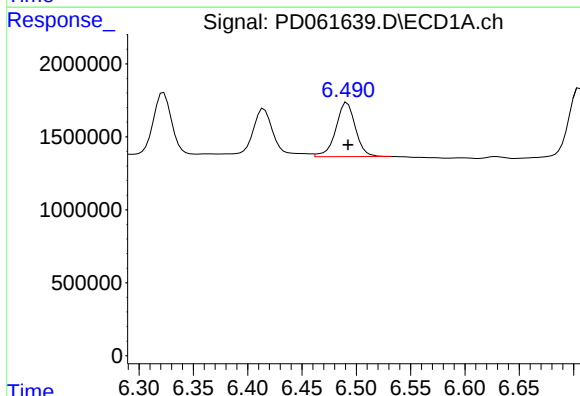
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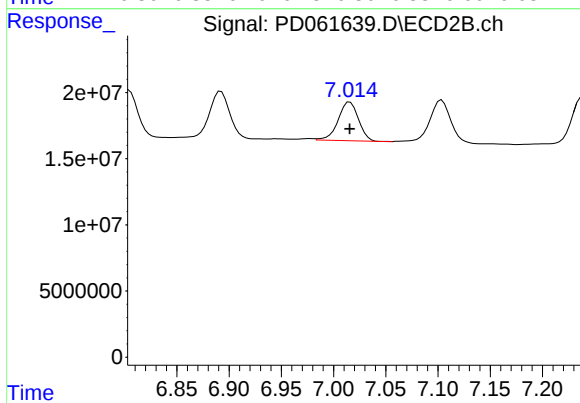
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 44318800
Conc: 5.25 ng/ml



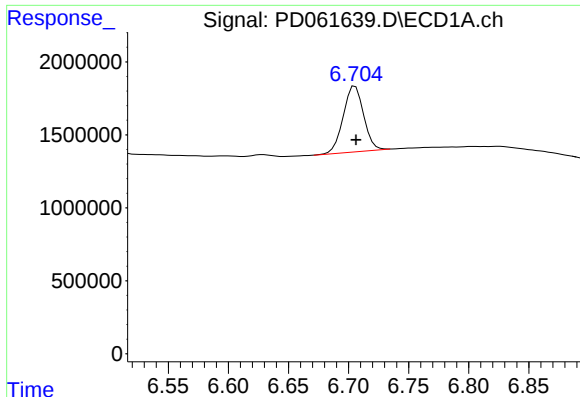
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 4657648
Conc: 6.18 ng/ml



#18 Endrin aldehyde

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 39755045
Conc: 5.78 ng/ml



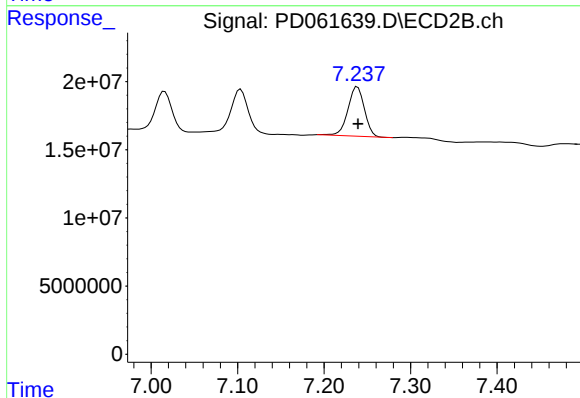
#19 Endosulfan Sulfate

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 5318784
Conc: 5.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

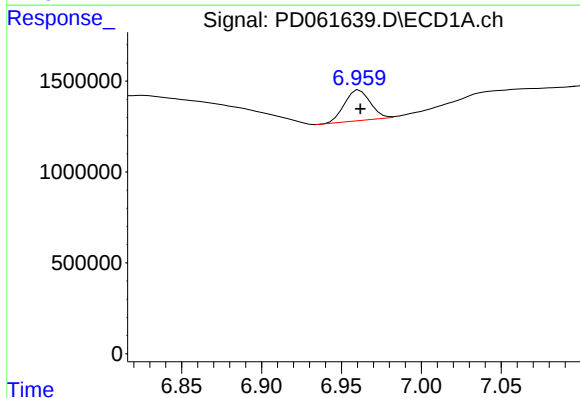
Manual Integrations
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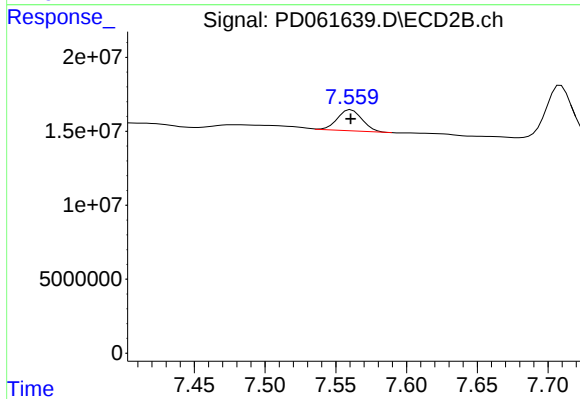
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: 0.000 min
Response: 47625209
Conc: 5.47 ng/ml



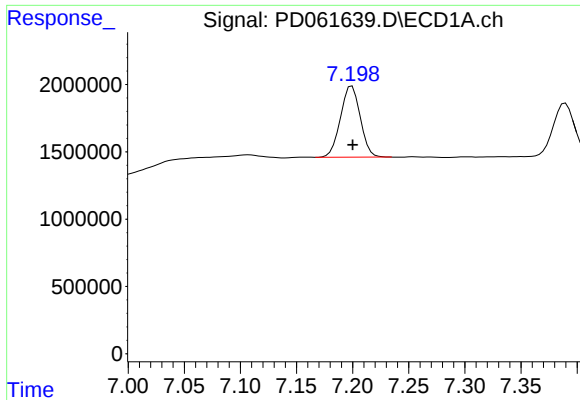
#20 Methoxychlor

R.T.: 6.959 min
Delta R.T.: -0.002 min
Response: 1907284
Conc: 4.90 ng/ml m



#20 Methoxychlor

R.T.: 7.559 min
Delta R.T.: -0.001 min
Response: 17273701
Conc: 4.51 ng/ml m



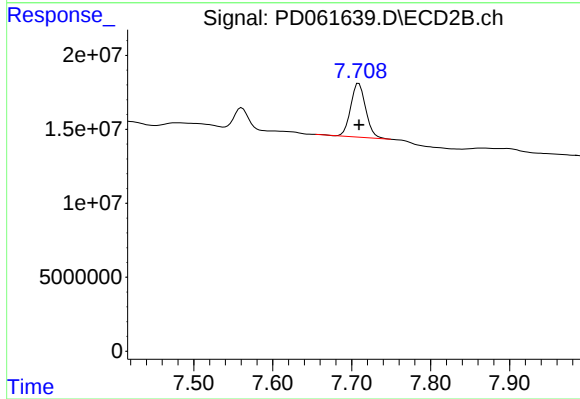
#21 Endrin ketone

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 6493132
Conc: 5.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

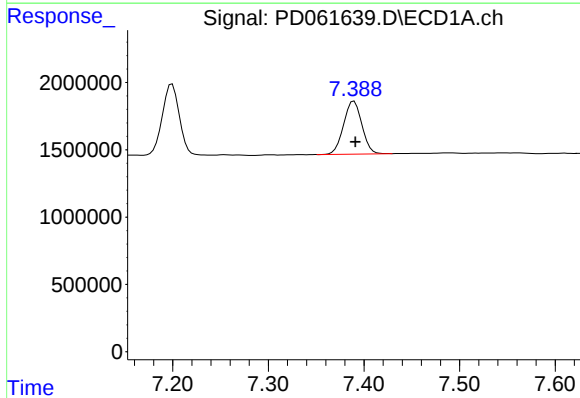
Manual Integrations
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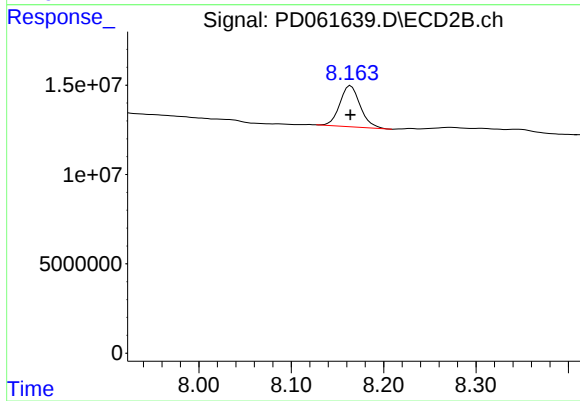
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 47931092
Conc: 5.26 ng/ml



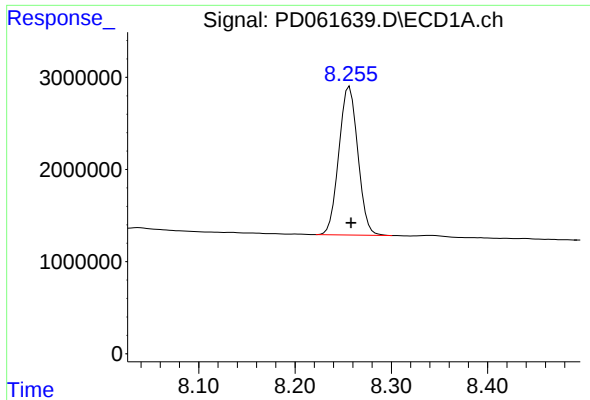
#22 Mirex

R.T.: 7.390 min
Delta R.T.: -0.001 min
Response: 5237170
Conc: 6.00 ng/ml



#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 34937426
Conc: 6.12 ng/ml



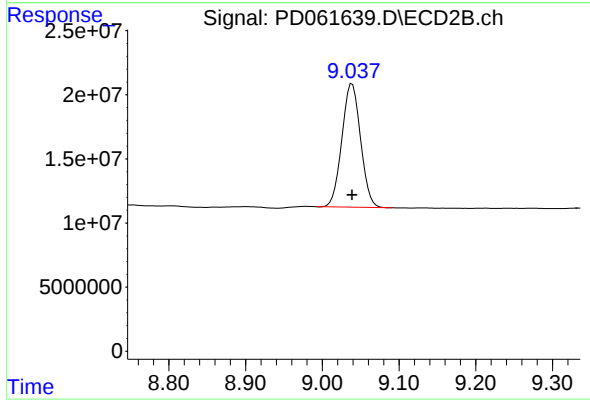
#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: -0.001 min
Response: 22012271
Conc: 19.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 163605315
Conc: 19.54 ng/ml