

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
 Data File : PD068685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 11:47
 Operator : AR\AJ
 Sample : N1645-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2022
 Supervised By :mohammad ahmed 03/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:43:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 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...	3.457	4.175	24746623	206.1E6	20.381	21.560
28)	SA Decachlor...	8.219	9.374	27157943	128.0E6	21.496	22.584
Target Compounds							
2)	A alpha-BHC	3.897	4.571	4429281	42993376	2.446	3.124 #
3)	MA gamma-BHC...	4.180	4.862	4284899	39905862	2.566	3.192
4)	MA Heptachlor	4.479	5.390	4543917	40142004	2.758	3.378
5)	MB Aldrin	4.727	5.703	4453483	41098690	2.787	3.580 #
6)	B beta-BHC	4.431	5.026	2172655	18960532	2.918	3.454
7)	B delta-BHC	4.635	5.251	4223807	39827602	2.585	3.312 #
8)	B Heptachlo...	5.172	6.091	4335802	41274545	2.899	3.952 #
9)	A Endosulfan I	5.511	6.454	4114260	33838616	2.940	3.608
10)	B gamma-Chl...	5.397	6.326	4483009	35263167	2.955m	3.421m
11)	B alpha-Chl...	5.458	6.403	4497760	36176449	3.009	3.634
12)	B 4,4'-DDE	5.623	6.553	3706136	31280430	2.709	3.376
13)	MA Dieldrin	5.755	6.713	4177554	34556658	2.861	3.558
14)	MA Endrin	6.013	6.932	3703340	23417994	2.811	3.027m
15)	B Endosulfa...	6.287	7.137	4021888	28598419	3.227	3.784m
16)	A 4,4'-DDD	6.141	7.043	3382271	29502199	2.868	3.995m#
17)	MA 4,4'-DDT	6.381	7.348	2906573	22365807	2.418	3.044 #
18)	B Endrin al...	6.457	7.262	3539815	23468881	3.566	3.878
19)	B Endosulfa...	6.670	7.488	4044188	25528108	3.162	3.471
20)	A Methoxychlor	6.932	7.799	1866185	11482538	2.693	3.150m
21)	B Endrin ke...	7.163	7.963	4616943	32131765	3.136	4.147 #
22)	Mirex	7.347	8.429	4211323	20203073	3.553	3.686

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
 Data File : PD068685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 11:47
 Operator : AR\AJ
 Sample : N1645-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 9 Sample Multiplier: 1

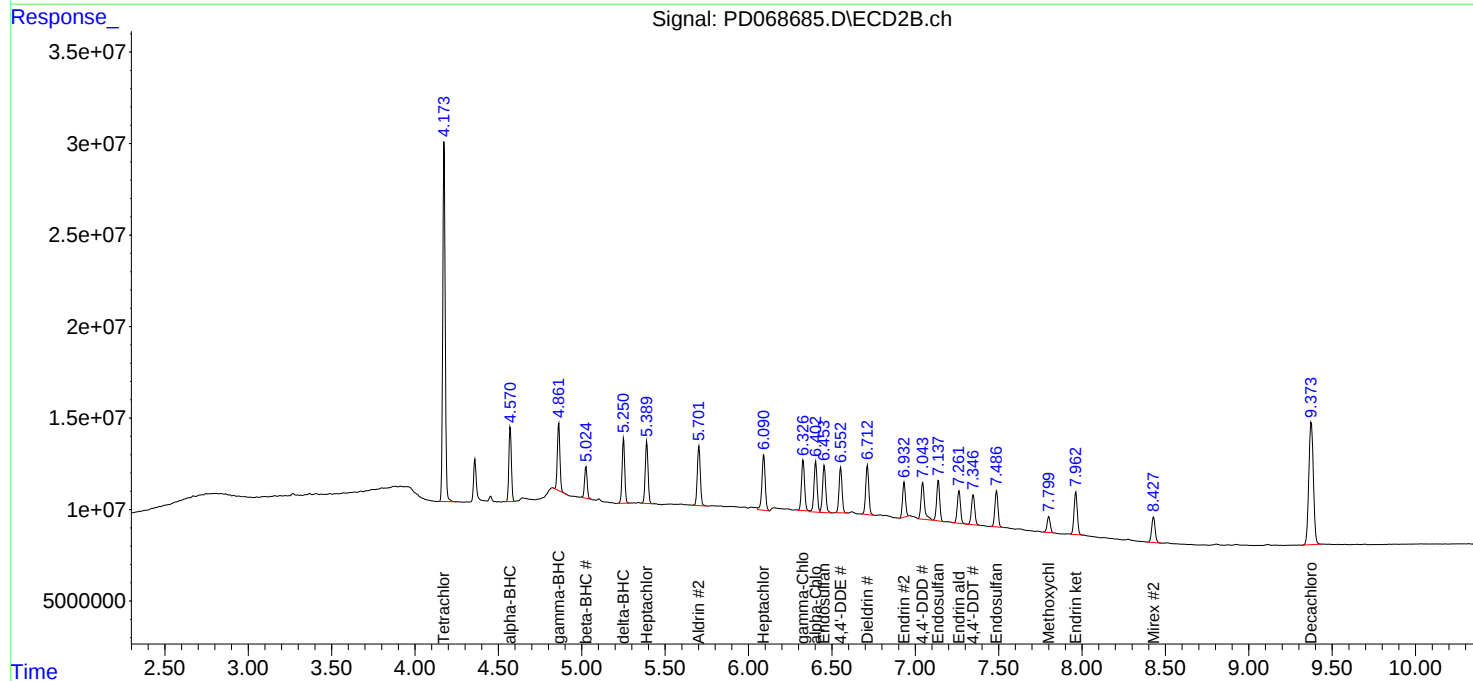
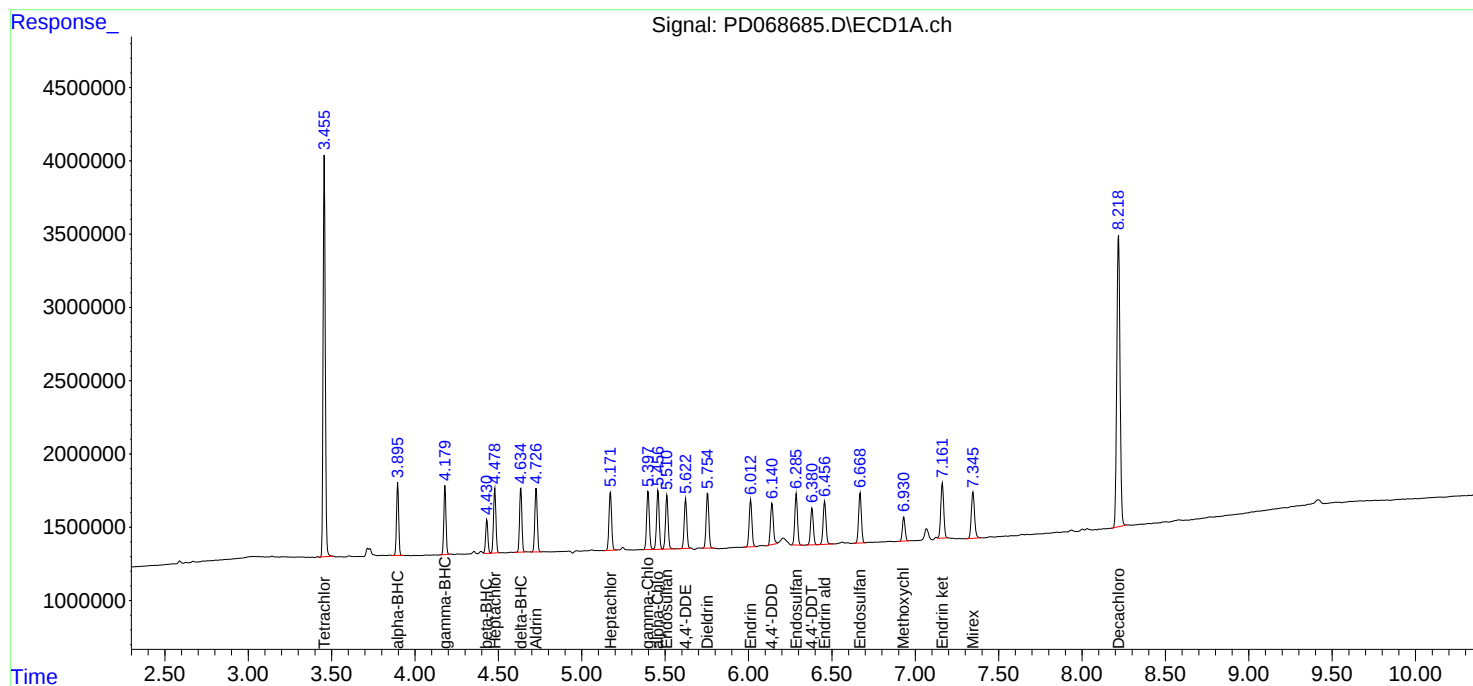
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

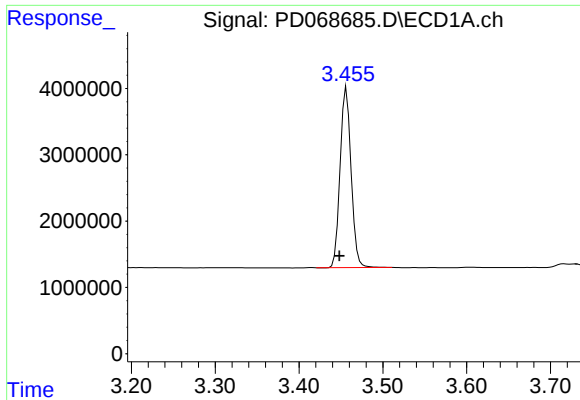
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:43:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
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Volume 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





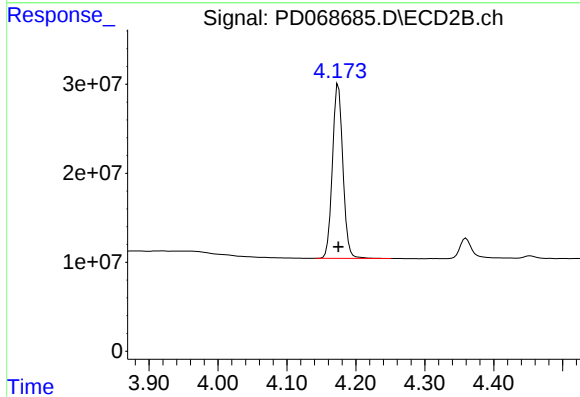
#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: 0.009 min
Response: 24746623
Conc: 20.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

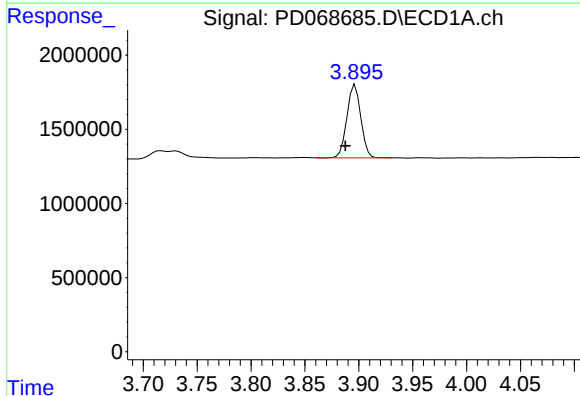
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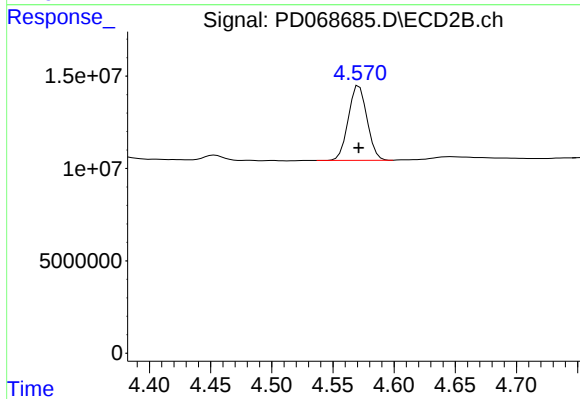
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 206126701
Conc: 21.56 ng/ml



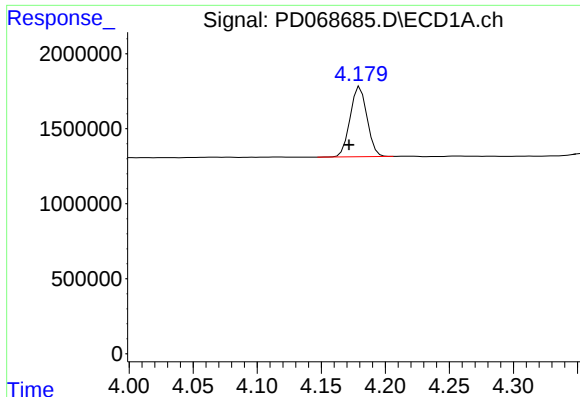
#2 alpha-BHC

R.T.: 3.897 min
Delta R.T.: 0.009 min
Response: 4429281
Conc: 2.45 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 42993376
Conc: 3.12 ng/ml



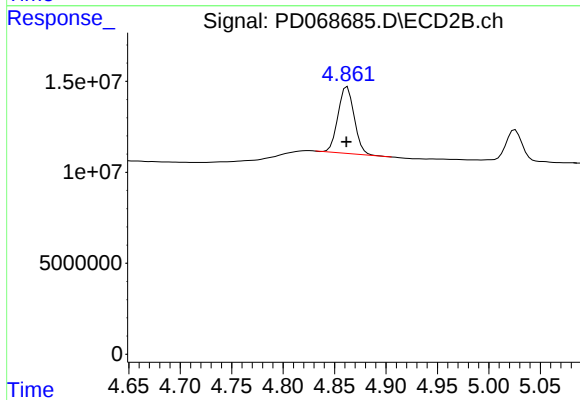
#3 gamma-BHC (Lindane)

R.T.: 4.180 min
Delta R.T.: 0.009 min
Response: 4284899
Conc: 2.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

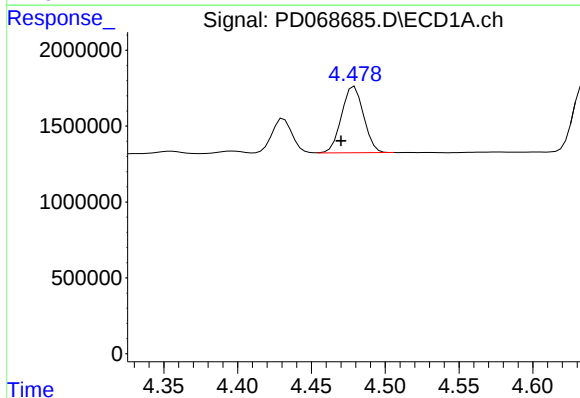
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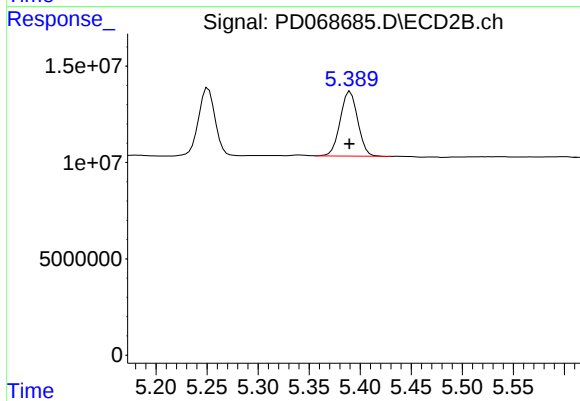
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 39905862
Conc: 3.19 ng/ml



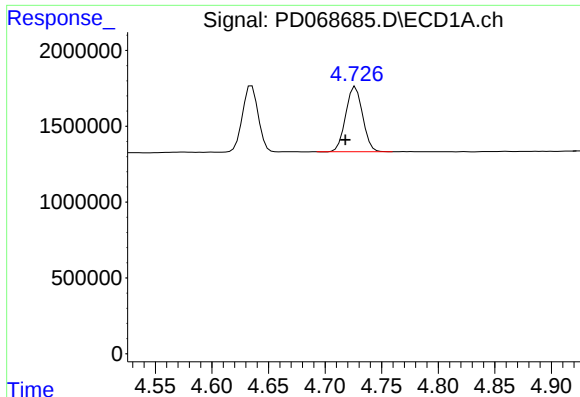
#4 Heptachlor

R.T.: 4.479 min
Delta R.T.: 0.009 min
Response: 4543917
Conc: 2.76 ng/ml



#4 Heptachlor

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 40142004
Conc: 3.38 ng/ml



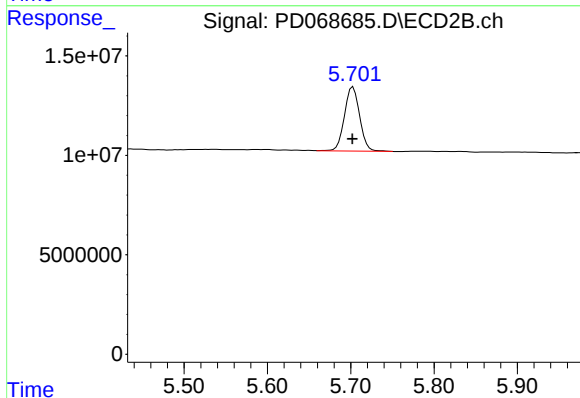
#5 Aldrin

R.T.: 4.727 min
Delta R.T.: 0.009 min
Response: 4453483
Conc: 2.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

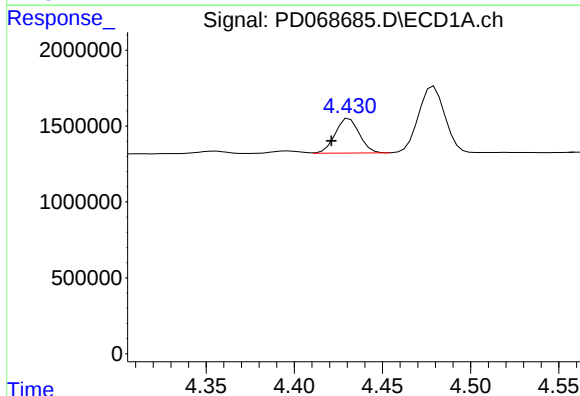
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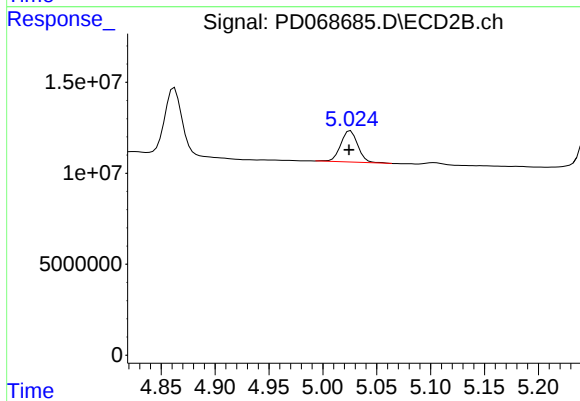
#5 Aldrin

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 41098690
Conc: 3.58 ng/ml



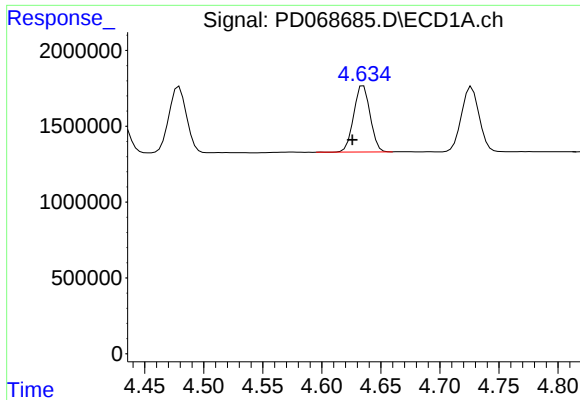
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.010 min
Response: 2172655
Conc: 2.92 ng/ml



#6 beta-BHC

R.T.: 5.026 min
Delta R.T.: 0.001 min
Response: 18960532
Conc: 3.45 ng/ml



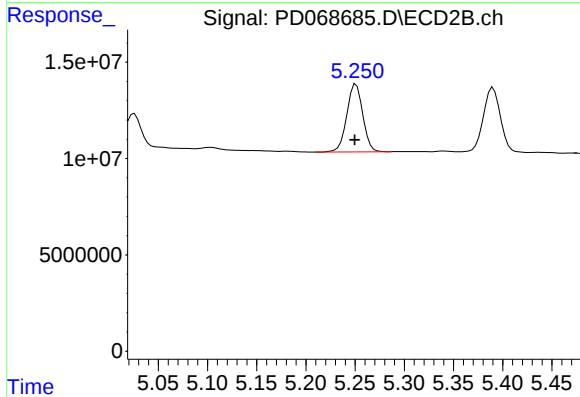
#7 delta-BHC

R.T.: 4.635 min
Delta R.T.: 0.009 min
Response: 4223807
Conc: 2.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

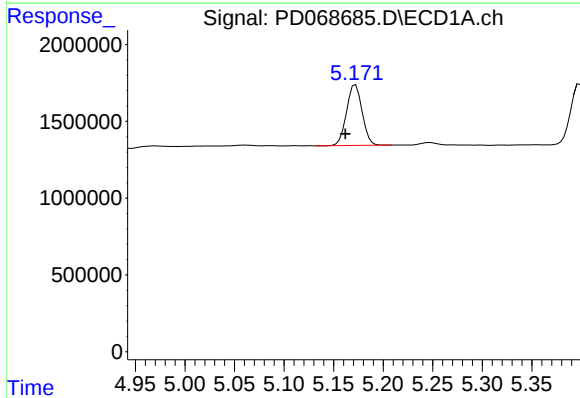
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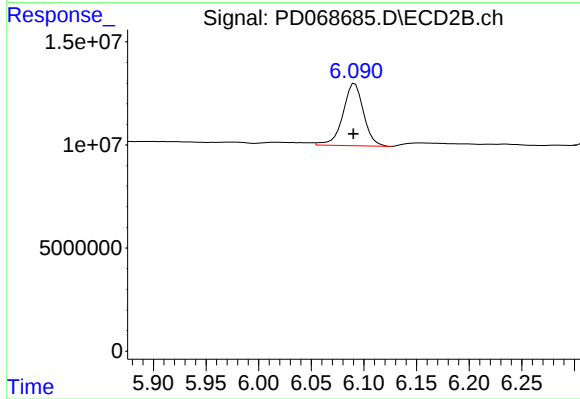
#7 delta-BHC

R.T.: 5.251 min
Delta R.T.: 0.001 min
Response: 39827602
Conc: 3.31 ng/ml



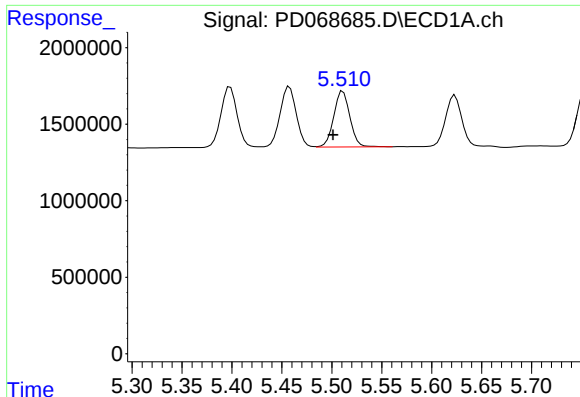
#8 Heptachlor epoxide

R.T.: 5.172 min
Delta R.T.: 0.010 min
Response: 4335802
Conc: 2.90 ng/ml



#8 Heptachlor epoxide

R.T.: 6.091 min
Delta R.T.: 0.002 min
Response: 41274545
Conc: 3.95 ng/ml



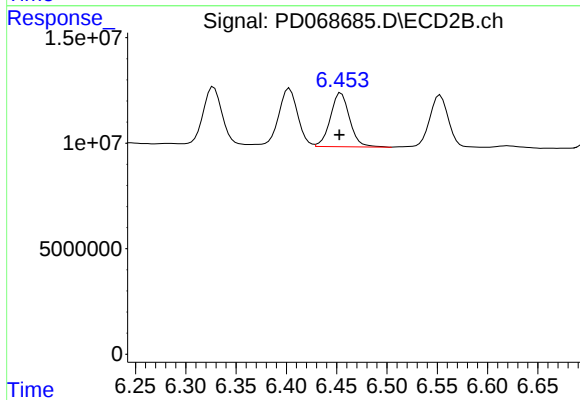
#9 Endosulfan I

R.T.: 5.511 min
Delta R.T.: 0.010 min
Response: 4114260
Conc: 2.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

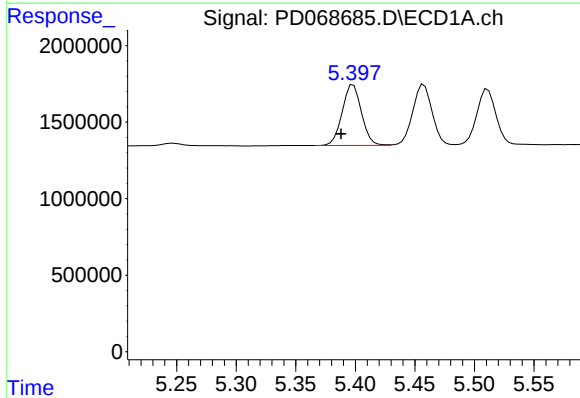
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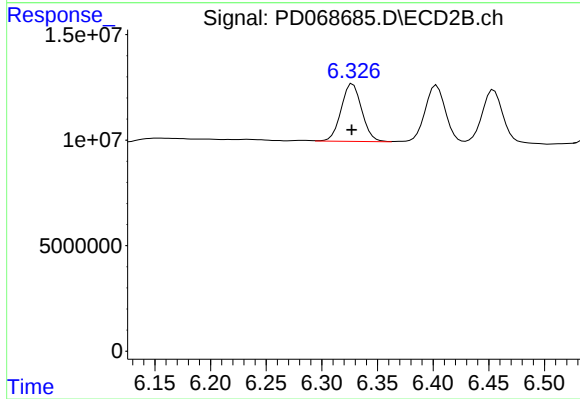
#9 Endosulfan I

R.T.: 6.454 min
Delta R.T.: 0.002 min
Response: 33838616
Conc: 3.61 ng/ml



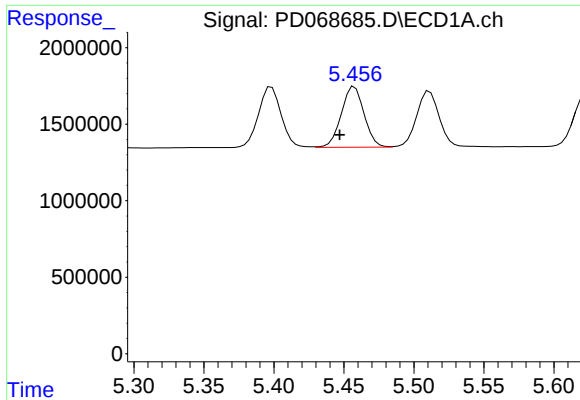
#10 gamma-Chlordane

R.T.: 5.397 min
Delta R.T.: 0.009 min
Response: 4483009
Conc: 2.96 ng/ml m



#10 gamma-Chlordane

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 35263167
Conc: 3.42 ng/ml m



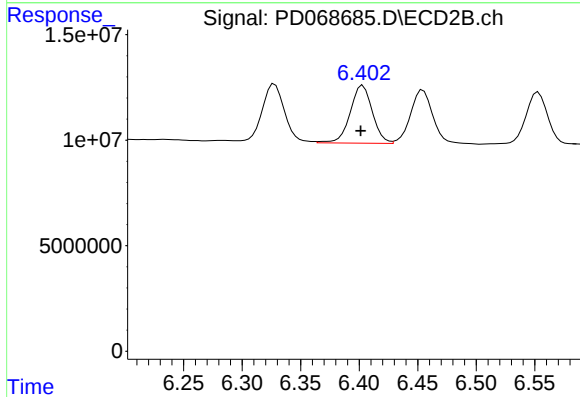
#11 alpha-Chlordane

R.T.: 5.458 min
Delta R.T.: 0.011 min
Response: 4497760
Conc: 3.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
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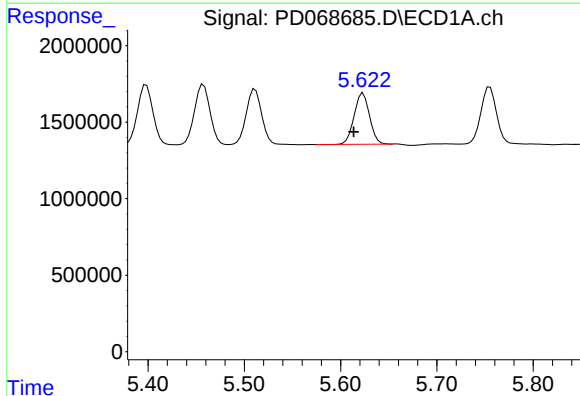
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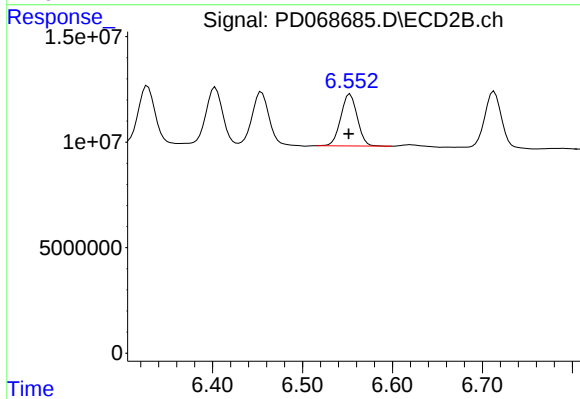
#11 alpha-Chlordane

R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 36176449
Conc: 3.63 ng/ml



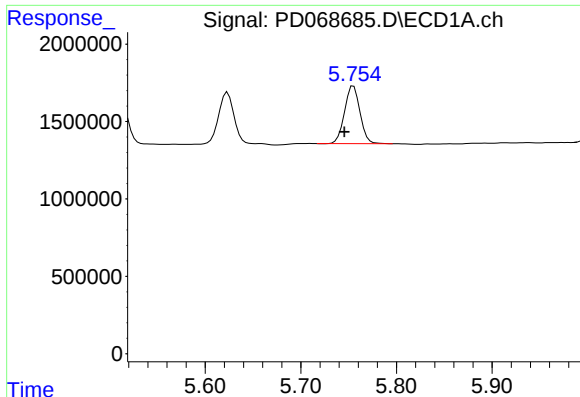
#12 4,4'-DDE

R.T.: 5.623 min
Delta R.T.: 0.010 min
Response: 3706136
Conc: 2.71 ng/ml



#12 4,4'-DDE

R.T.: 6.553 min
Delta R.T.: 0.002 min
Response: 31280430
Conc: 3.38 ng/ml



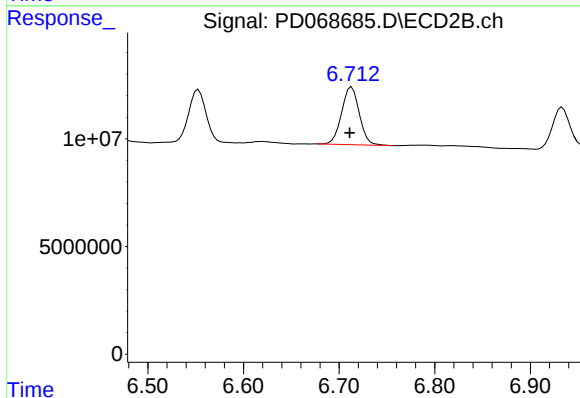
#13 Dieldrin

R.T.: 5.755 min
Delta R.T.: 0.010 min
Response: 4177554
Conc: 2.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
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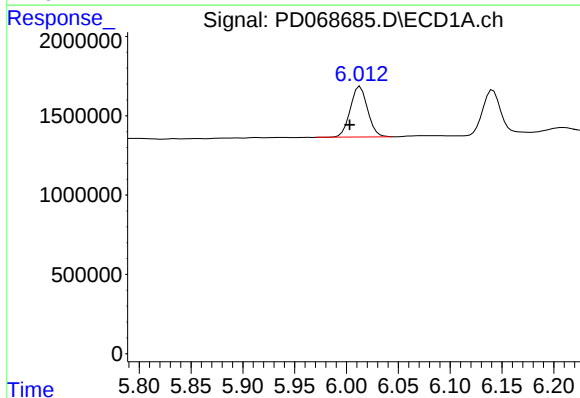
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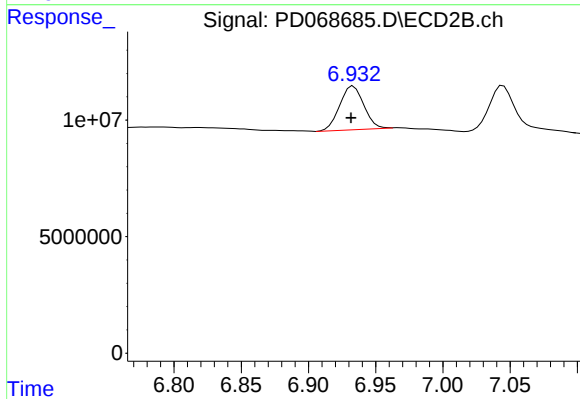
#13 Dieldrin

R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 34556658
Conc: 3.56 ng/ml



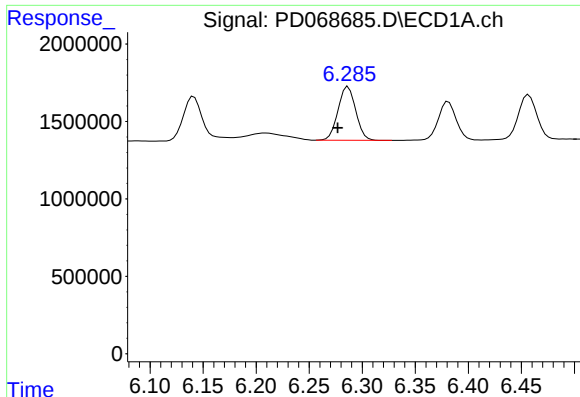
#14 Endrin

R.T.: 6.013 min
Delta R.T.: 0.010 min
Response: 3703340
Conc: 2.81 ng/ml



#14 Endrin

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 23417994
Conc: 3.03 ng/ml m



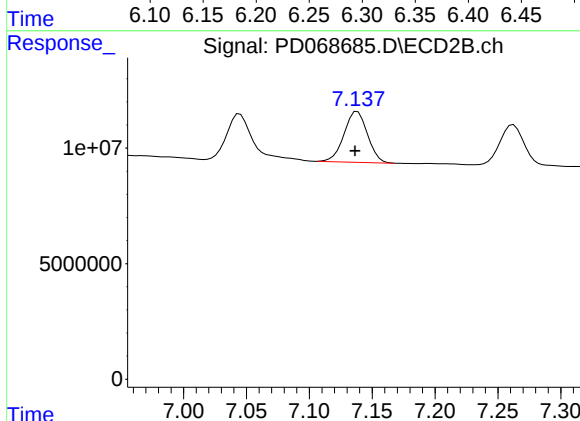
#15 Endosulfan II

R.T.: 6.287 min
Delta R.T.: 0.010 min
Response: 4021888
Conc: 3.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
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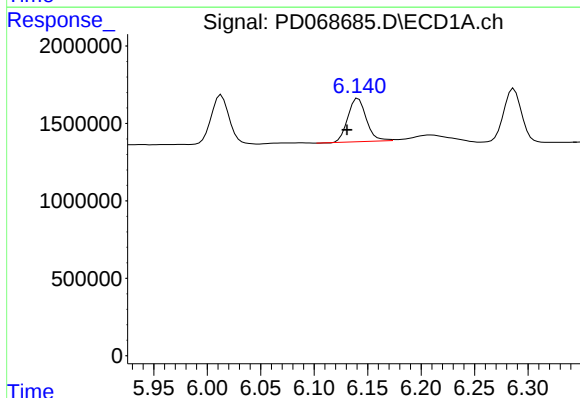
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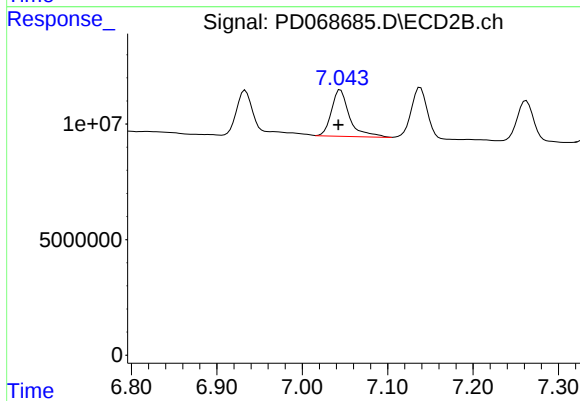
#15 Endosulfan II

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 28598419
Conc: 3.78 ng/ml m



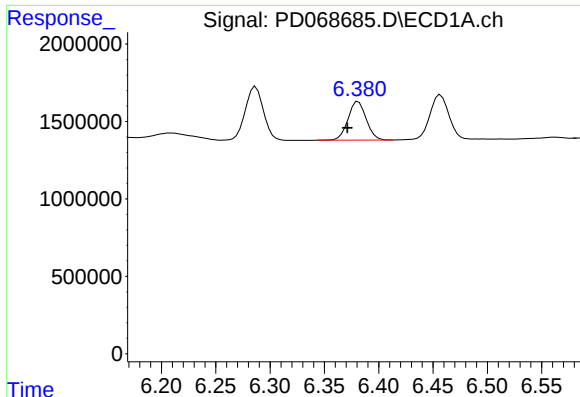
#16 4,4'-DDD

R.T.: 6.141 min
Delta R.T.: 0.010 min
Response: 3382271
Conc: 2.87 ng/ml



#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.001 min
Response: 29502199
Conc: 3.99 ng/ml m



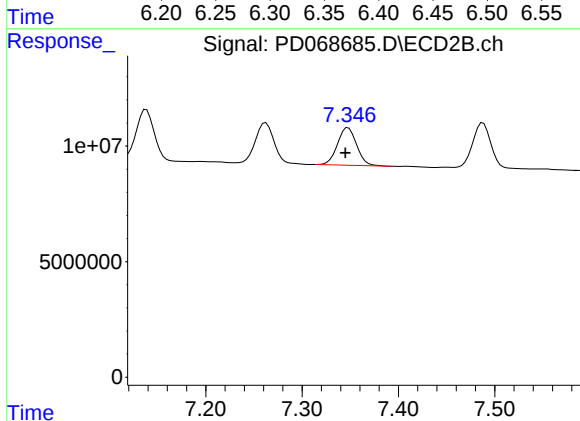
#17 4,4'-DDT

R.T.: 6.381 min
Delta R.T.: 0.010 min
Response: 2906573
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

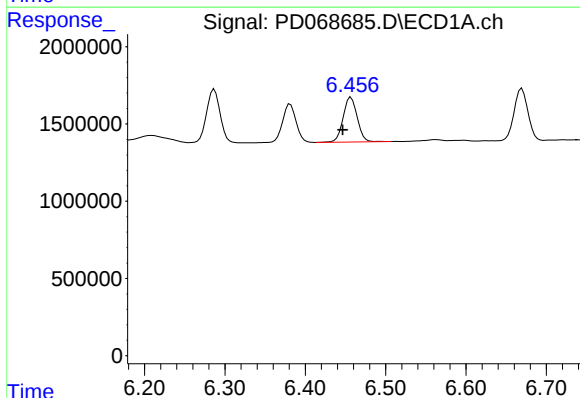
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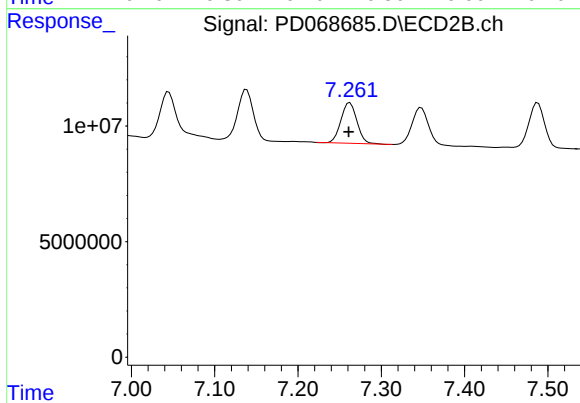
#17 4,4'-DDT

R.T.: 7.348 min
Delta R.T.: 0.003 min
Response: 22365807
Conc: 3.04 ng/ml



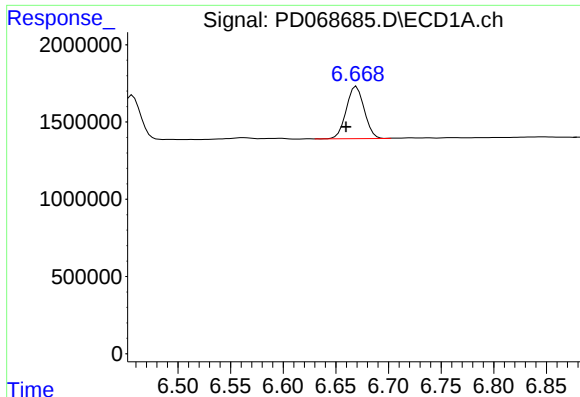
#18 Endrin aldehyde

R.T.: 6.457 min
Delta R.T.: 0.010 min
Response: 3539815
Conc: 3.57 ng/ml



#18 Endrin aldehyde

R.T.: 7.262 min
Delta R.T.: 0.002 min
Response: 23468881
Conc: 3.88 ng/ml



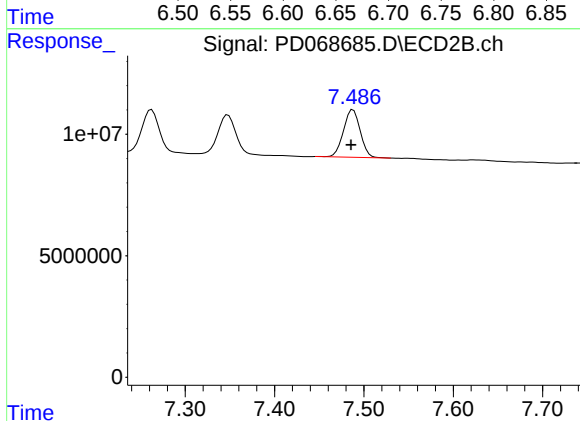
#19 Endosulfan Sulfate

R.T.: 6.670 min
Delta R.T.: 0.010 min
Response: 4044188
Conc: 3.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

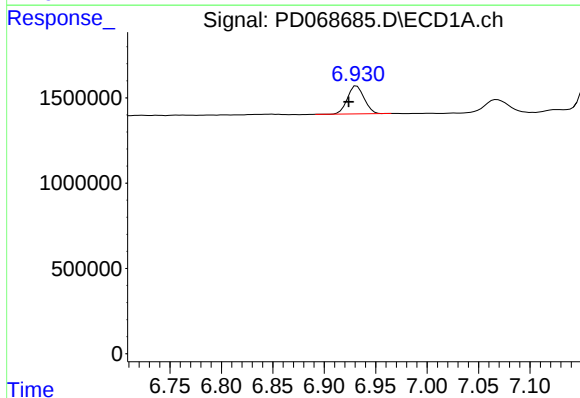
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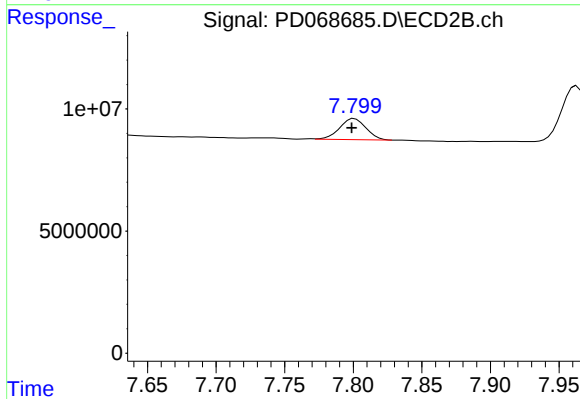
#19 Endosulfan Sulfate

R.T.: 7.488 min
Delta R.T.: 0.002 min
Response: 25528108
Conc: 3.47 ng/ml



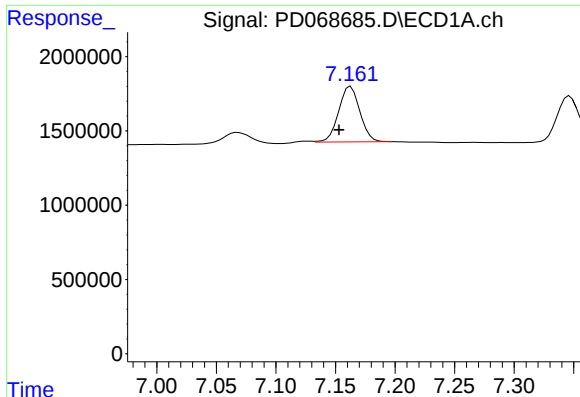
#20 Methoxychlor

R.T.: 6.932 min
Delta R.T.: 0.008 min
Response: 1866185
Conc: 2.69 ng/ml



#20 Methoxychlor

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 11482538
Conc: 3.15 ng/ml m



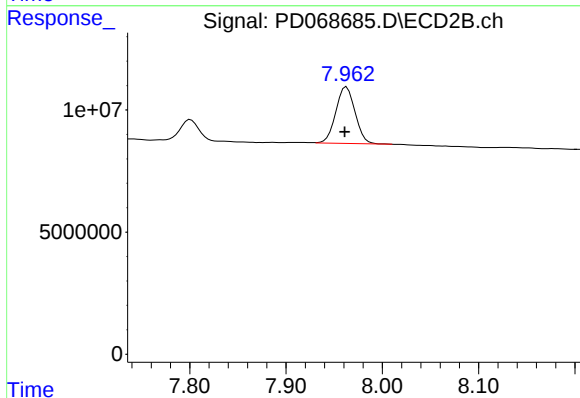
#21 Endrin ketone

R.T.: 7.163 min
Delta R.T.: 0.010 min
Response: 4616943
Conc: 3.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

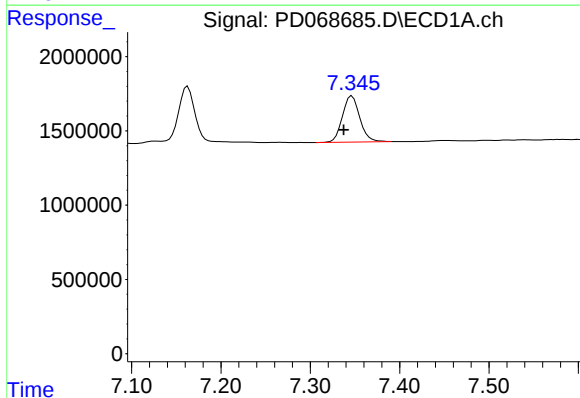
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



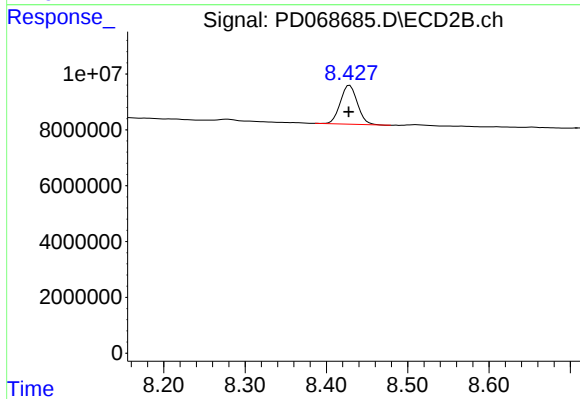
#21 Endrin ketone

R.T.: 7.963 min
Delta R.T.: 0.002 min
Response: 32131765
Conc: 4.15 ng/ml



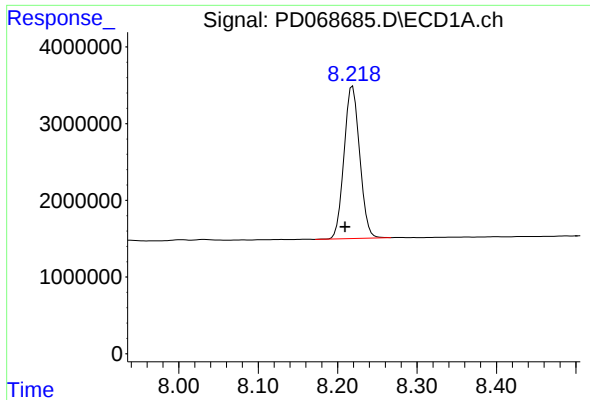
#22 Mirex

R.T.: 7.347 min
Delta R.T.: 0.009 min
Response: 4211323
Conc: 3.55 ng/ml



#22 Mirex

R.T.: 8.429 min
Delta R.T.: 0.001 min
Response: 20203073
Conc: 3.69 ng/ml



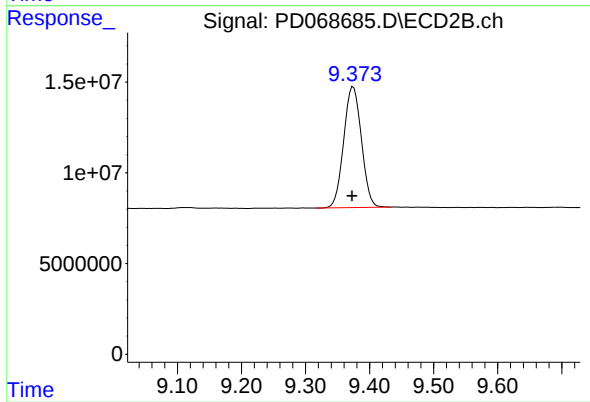
#28 Decachlorobiphenyl

R.T.: 8.219 min
Delta R.T.: 0.009 min
Response: 27157943
Conc: 21.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.374 min
Delta R.T.: 0.002 min
Response: 127977884
Conc: 22.58 ng/ml