

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD071008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 02:05
 Operator : AR\AJ
 Sample : N3214-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/21/2022
 Supervised By :Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 07:15:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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...	3.474	4.125	48156210	513.8E6	16.618	17.770
28)	SA Decachlor...	8.243	9.321	54861407	212.4E6	17.956	18.626
Target Compounds							
2)	A alpha-BHC	3.915	4.530	4644251	52680519	1.059	1.390 #
3)	MA gamma-BHC...	4.199	4.823	5674195	34653955	1.307	1.160
4)	MA Heptachlor	4.499	5.339	3907392	32488739	0.938	1.471m#
5)	MB Aldrin	4.747	5.652	3671631	23966991	0.879	1.295 #
6)	B beta-BHC	4.449	5.002	1597934	40816301	0.956	3.043 #
7)	B delta-BHC	4.653	5.224	3210040	35105425	0.811	1.485 #
8)	B Heptachlo...	5.192	6.048	3729063	20253097	0.996	1.340 #
9)	A Endosulfan I	5.531	6.412	3541528	19802818	1.014	1.364 #
10)	B gamma-Chl...	5.419	6.283	3768536	19387563	0.969	1.229m#
11)	B alpha-Chl...	5.477	6.356	3687612	18907563	0.965	1.229m#
12)	B 4,4'-DDE	5.643	6.512	3130637	16796686	0.889	1.119 #
13)	MA Dieldrin	5.776	6.674	3441926	18749870	0.916	1.227 #
14)	MA Endrin	6.034	6.894	3190433	8475477	1.022	0.817
15)	B Endosulfa...	6.308	7.109	3160454	16478381	1.051	1.316 #
16)	A 4,4'-DDD	6.161	7.012	2480288	11930226	0.845	0.959
17)	MA 4,4'-DDT	6.402	7.313	2599222	16773771	0.849	1.252 #
18)	B Endrin al...	6.478	7.235	2816800	13015891	1.174	1.291
19)	B Endosulfa...	6.691	7.461	3350751	13862830	1.125	1.147
20)	A Methoxychlor	6.953	7.772	2117587	8049414	1.281	1.171
21)	B Endrin ke...	7.185	7.942	3512812	20209605	1.014	1.460 #
22)	Mirex	7.371	8.396	3657846	12180641	1.319	1.326

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

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 Data File : PD071008.D
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 Acq On : 20 Jul 2022 02:05
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 Sample : N3214-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 26 Sample Multiplier: 1

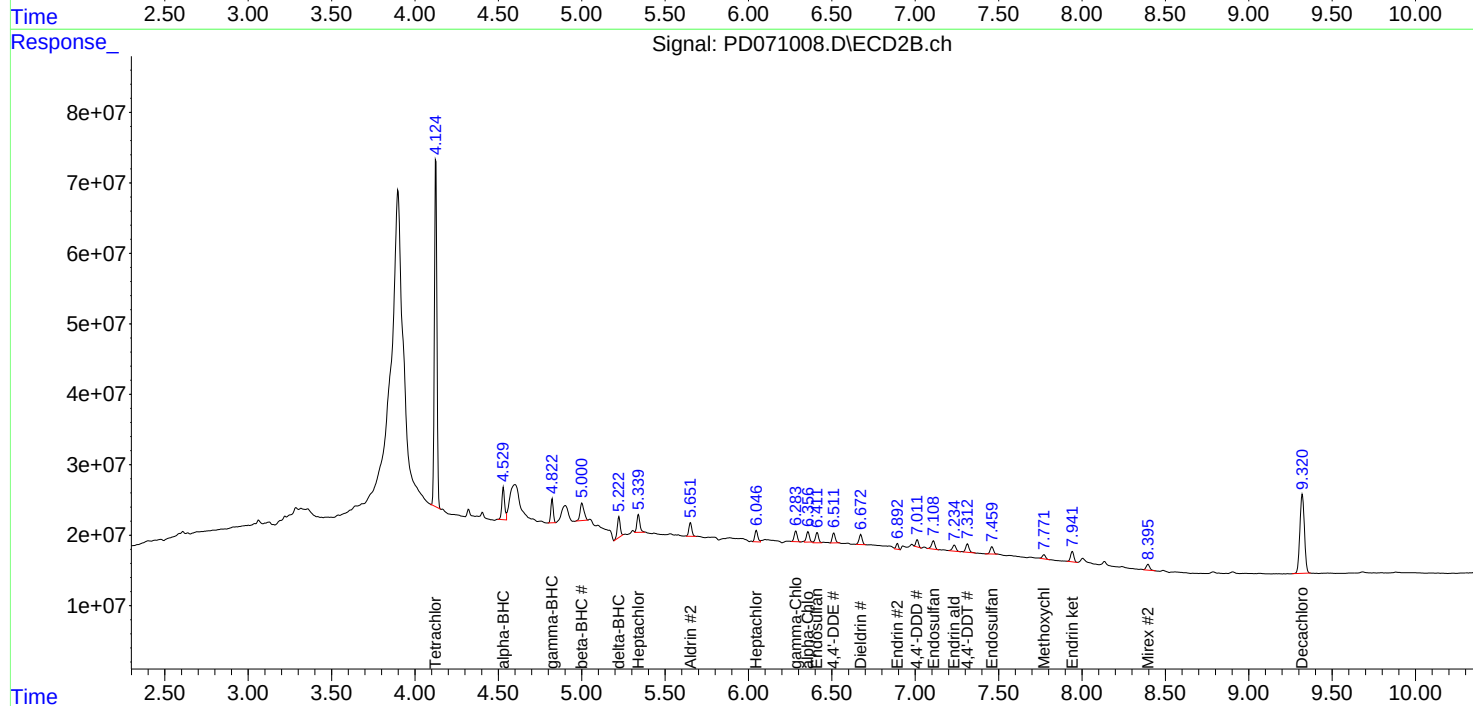
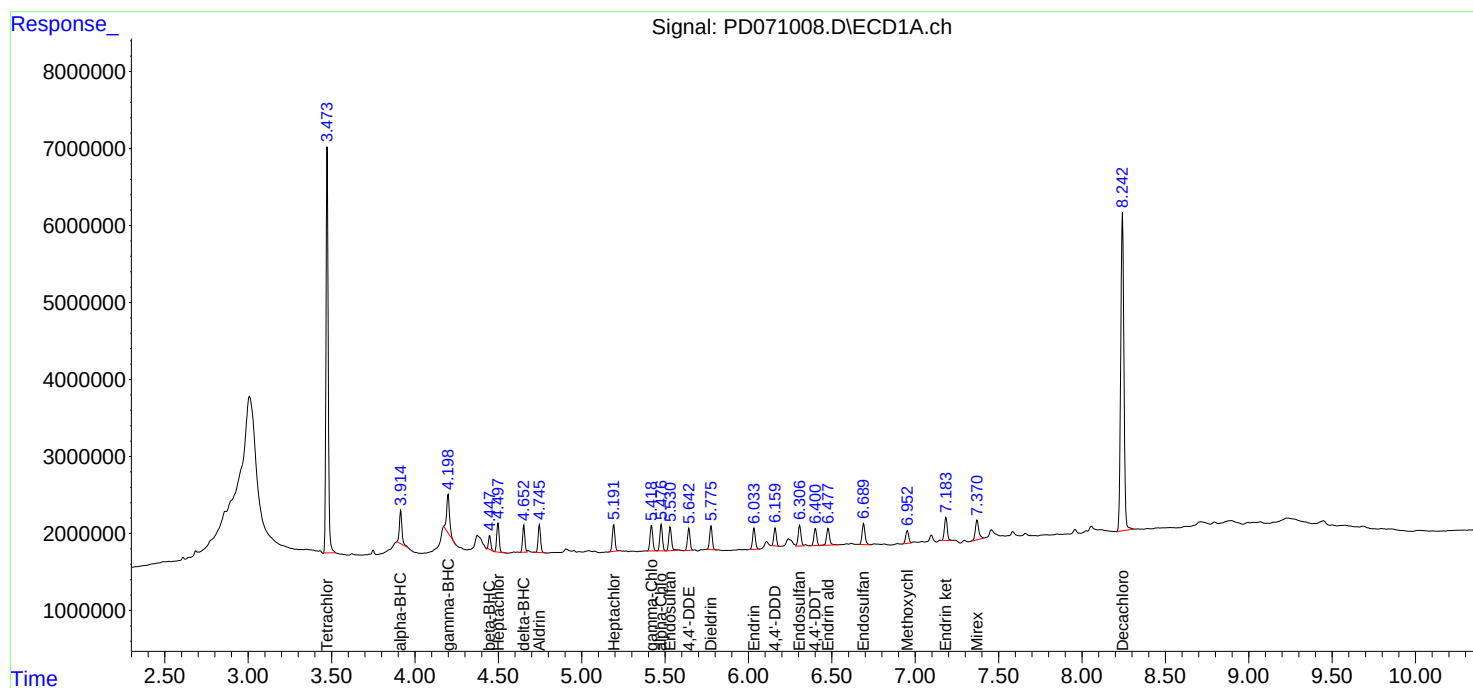
Instrument :
 ECD_D
 ClientSampleId :
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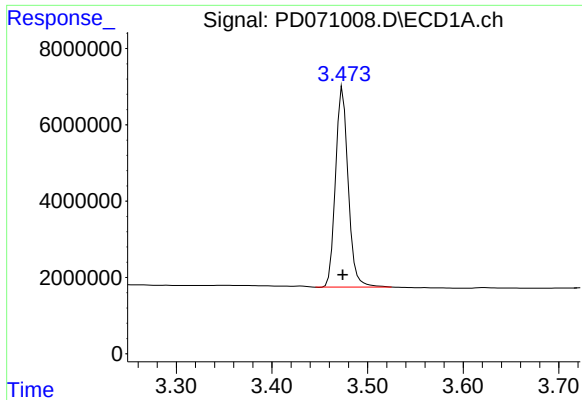
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 07:15:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





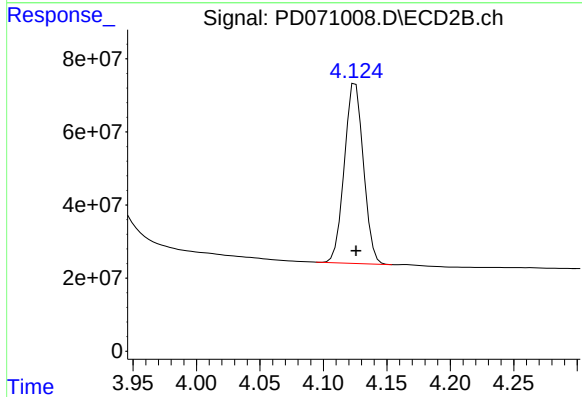
#1 Tetrachloro-m-xylene

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 48156210
Conc: 16.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2022

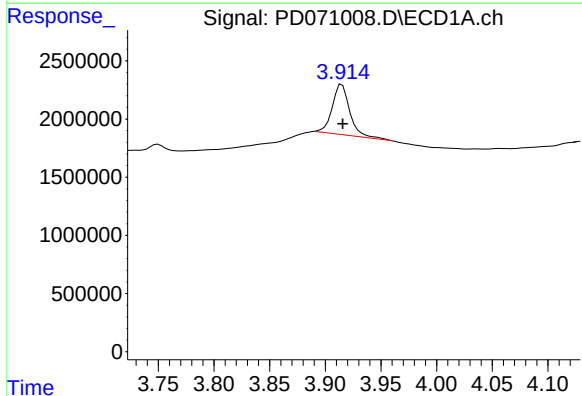
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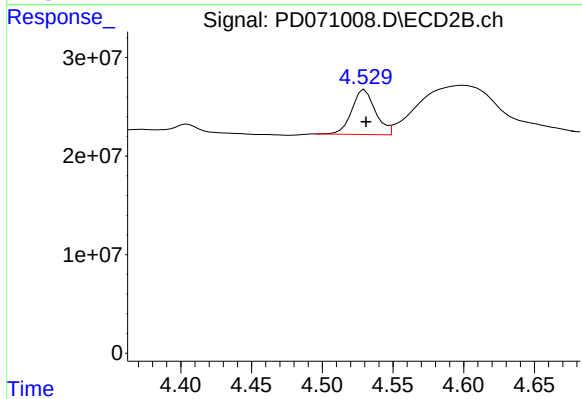
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 513758615
Conc: 17.77 ng/ml



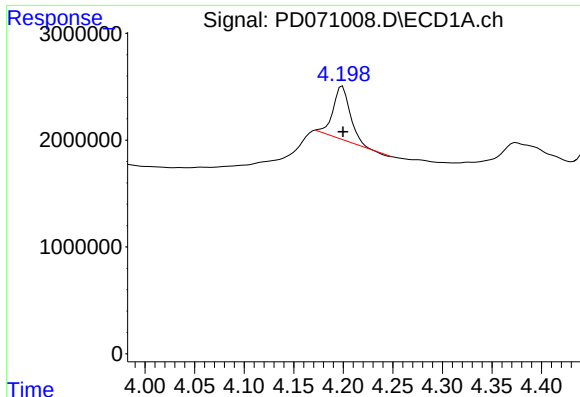
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 4644251
Conc: 1.06 ng/ml



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 52680519
Conc: 1.39 ng/ml



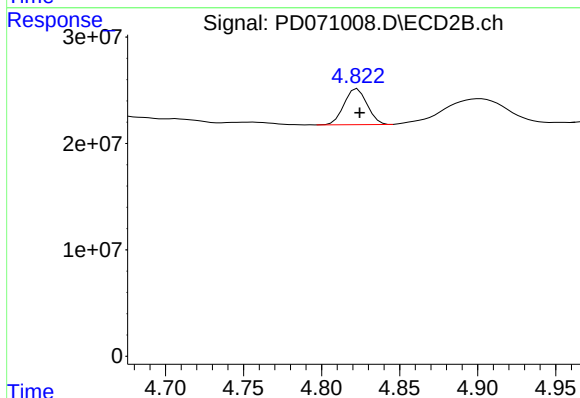
#3 gamma-BHC (Lindane)

R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 5674195
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
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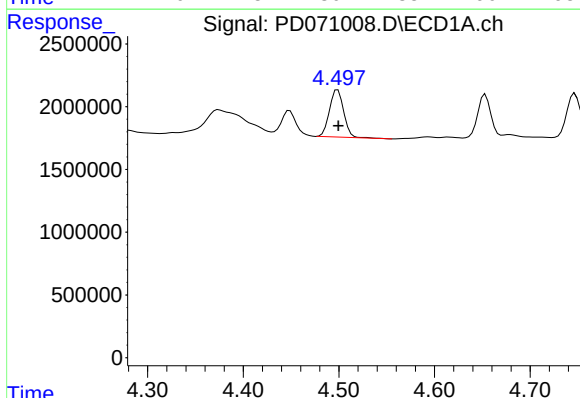
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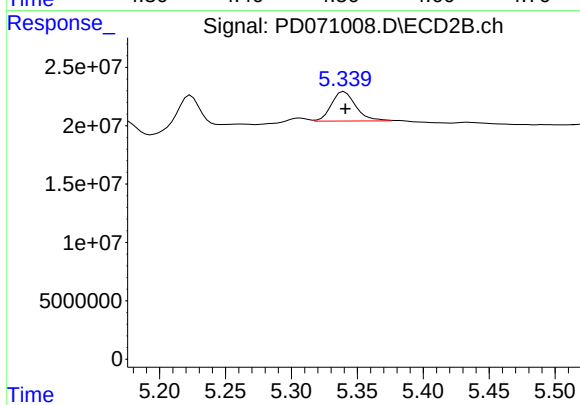
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 34653955
Conc: 1.16 ng/ml



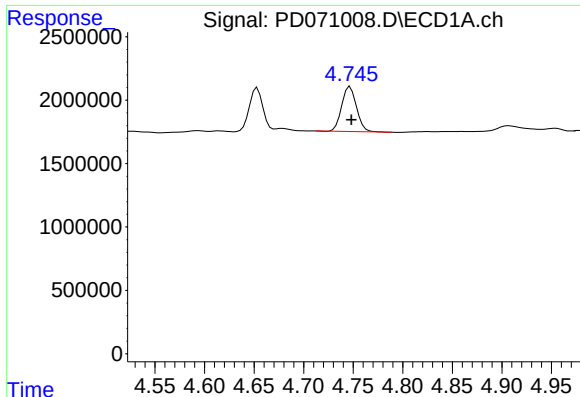
#4 Heptachlor

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 3907392
Conc: 0.94 ng/ml



#4 Heptachlor

R.T.: 5.339 min
Delta R.T.: -0.002 min
Response: 32488739
Conc: 1.47 ng/ml m



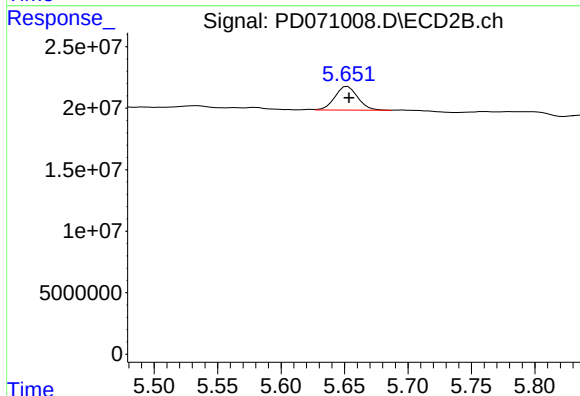
#5 Aldrin

R.T.: 4.747 min
Delta R.T.: -0.001 min
Response: 3671631
Conc: 0.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
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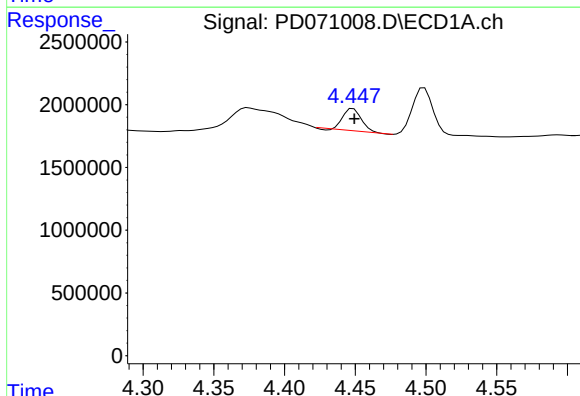
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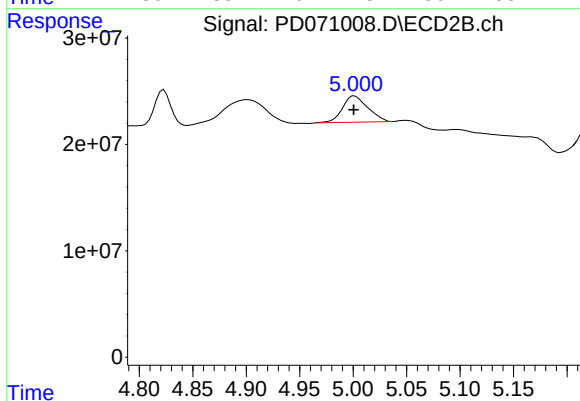
#5 Aldrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 23966991
Conc: 1.29 ng/ml



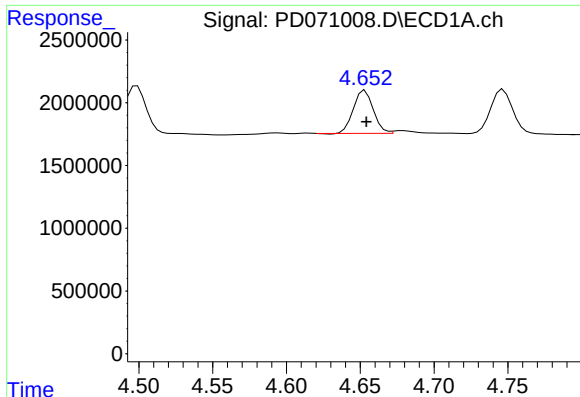
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 1597934
Conc: 0.96 ng/ml



#6 beta-BHC

R.T.: 5.002 min
Delta R.T.: 0.001 min
Response: 40816301
Conc: 3.04 ng/ml



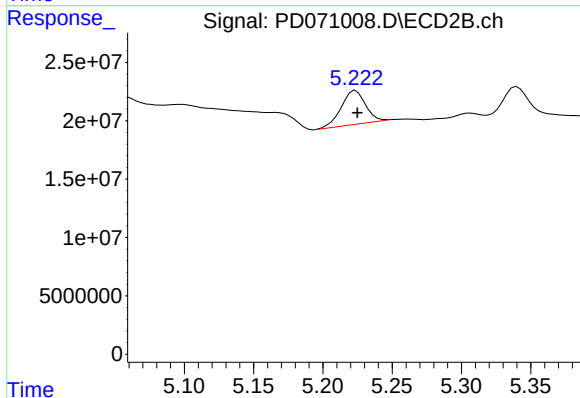
#7 delta-BHC

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 3210040
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2022

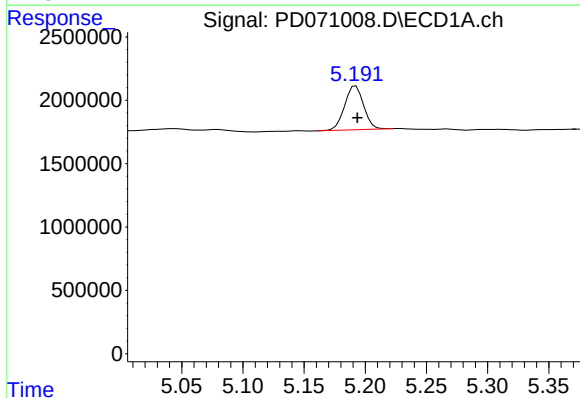
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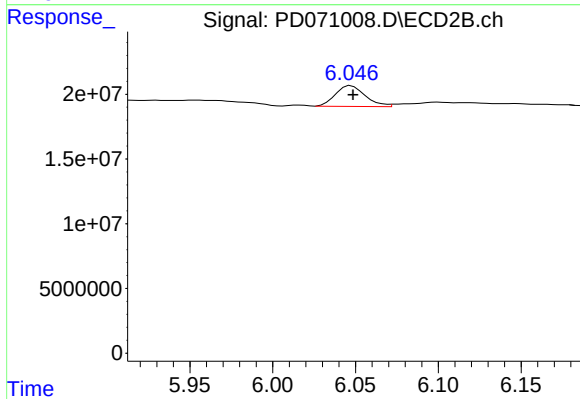
#7 delta-BHC

R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 35105425
Conc: 1.48 ng/ml



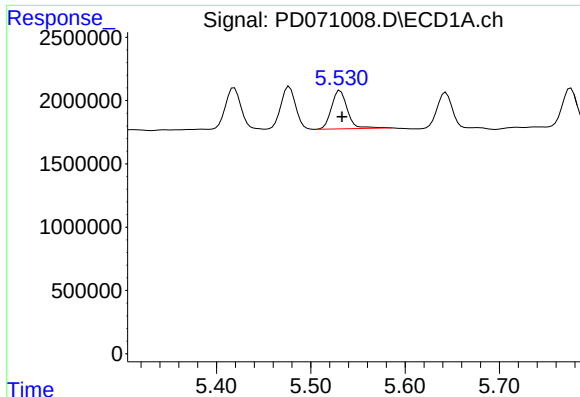
#8 Heptachlor epoxide

R.T.: 5.192 min
Delta R.T.: -0.001 min
Response: 3729063
Conc: 1.00 ng/ml



#8 Heptachlor epoxide

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 20253097
Conc: 1.34 ng/ml



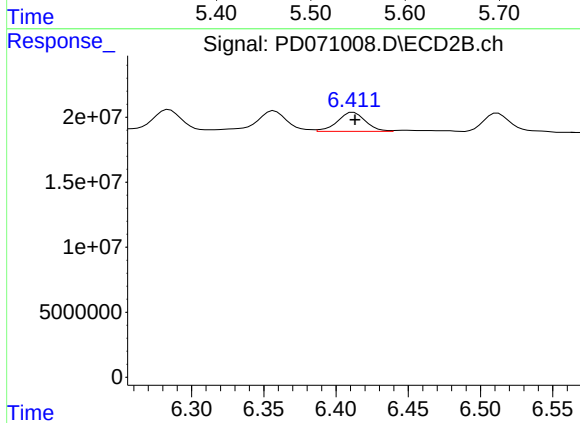
#9 Endosulfan I

R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 3541528
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2022

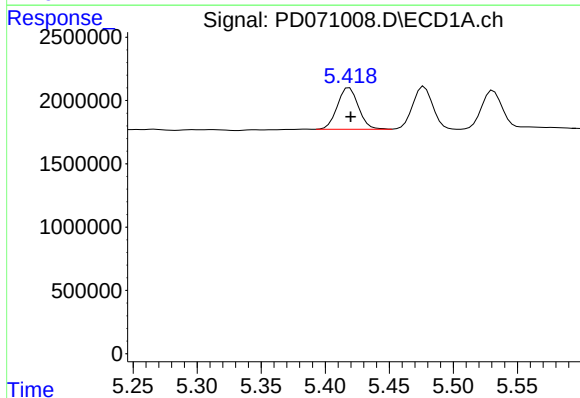
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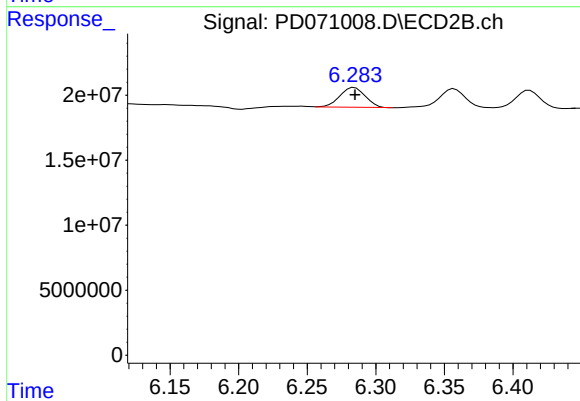
#9 Endosulfan I

R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 19802818
Conc: 1.36 ng/ml



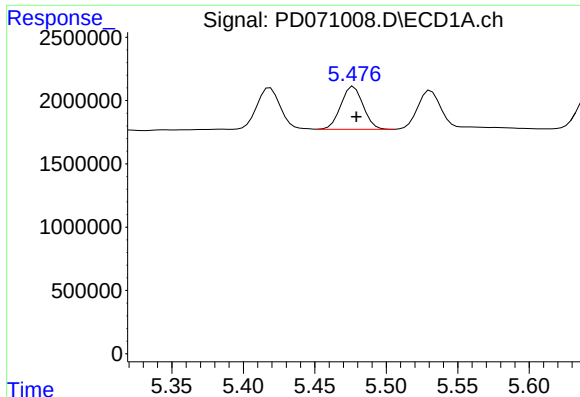
#10 gamma-Chlordane

R.T.: 5.419 min
Delta R.T.: -0.001 min
Response: 3768536
Conc: 0.97 ng/ml



#10 gamma-Chlordane

R.T.: 6.283 min
Delta R.T.: -0.002 min
Response: 19387563
Conc: 1.23 ng/ml m



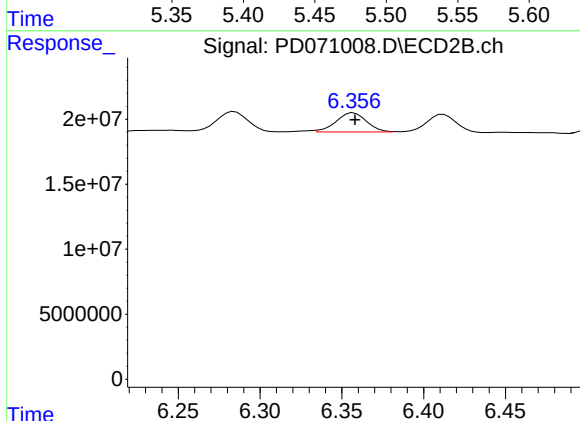
#11 alpha-Chlordane

R.T.: 5.477 min
Delta R.T.: -0.002 min
Response: 3687612
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2022

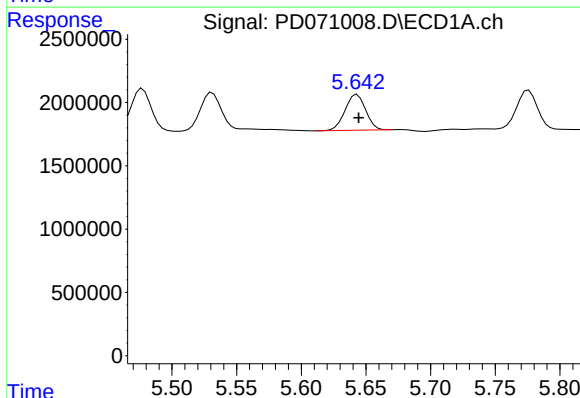
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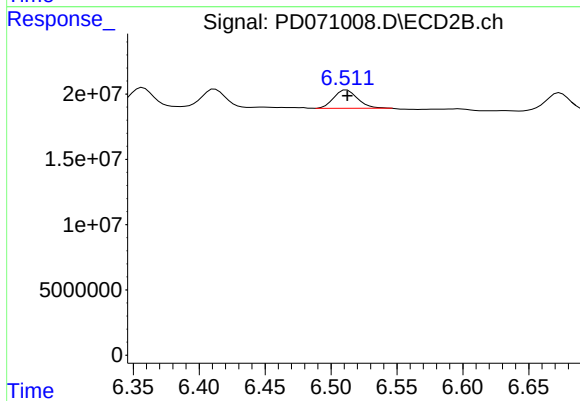
#11 alpha-Chlordane

R.T.: 6.356 min
Delta R.T.: -0.002 min
Response: 18907563
Conc: 1.23 ng/ml m



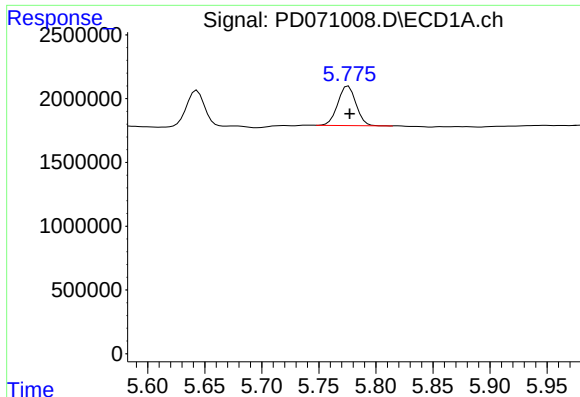
#12 4,4'-DDE

R.T.: 5.643 min
Delta R.T.: 0.000 min
Response: 3130637
Conc: 0.89 ng/ml



#12 4,4'-DDE

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 16796686
Conc: 1.12 ng/ml



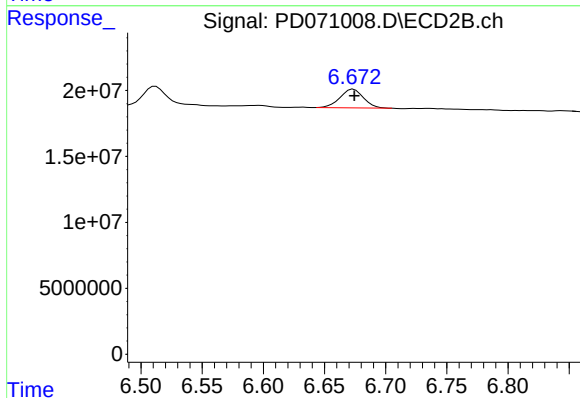
#13 Dieldrin

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 3441926
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2022

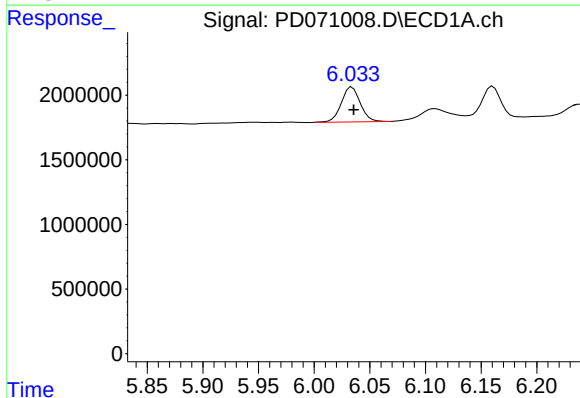
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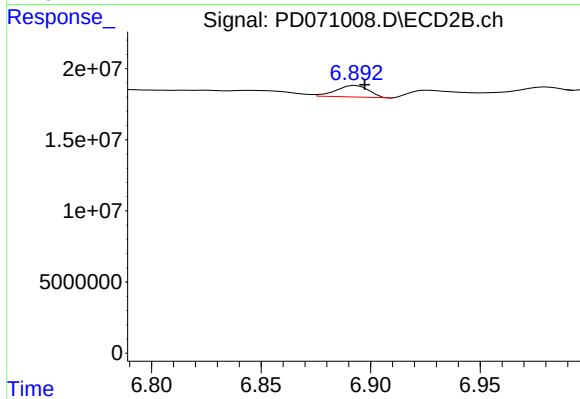
#13 Dieldrin

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 18749870
Conc: 1.23 ng/ml



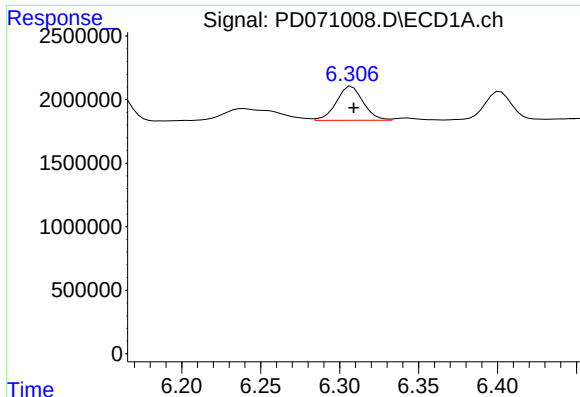
#14 Endrin

R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 3190433
Conc: 1.02 ng/ml



#14 Endrin

R.T.: 6.894 min
Delta R.T.: -0.004 min
Response: 8475477
Conc: 0.82 ng/ml



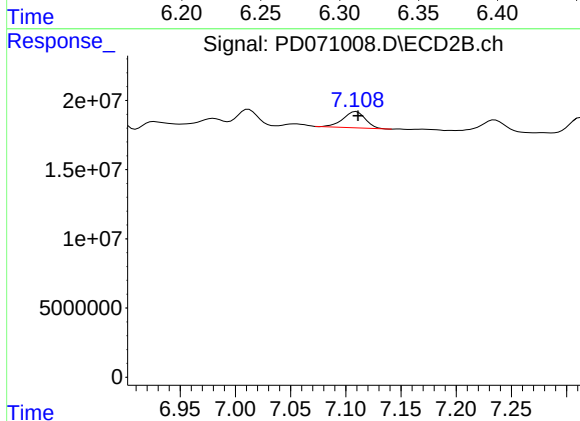
#15 Endosulfan II

R.T.: 6.308 min
Delta R.T.: -0.001 min
Response: 3160454
Conc: 1.05 ng/ml

Instrument :
ECD_D
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MDL-WATER-03-QT2-2022

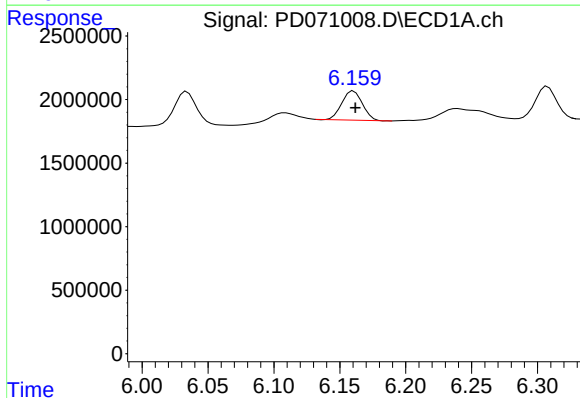
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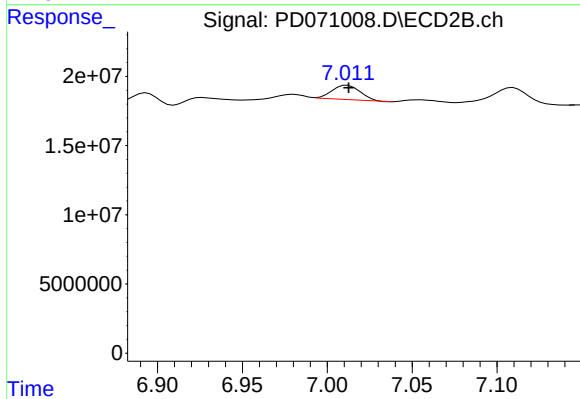
#15 Endosulfan II

R.T.: 7.109 min
Delta R.T.: -0.002 min
Response: 16478381
Conc: 1.32 ng/ml



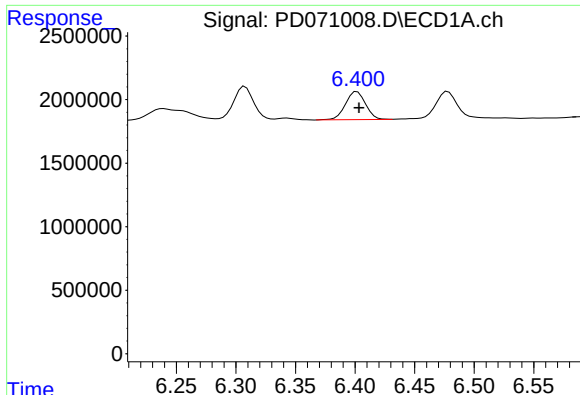
#16 4,4'-DDD

R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 2480288
Conc: 0.85 ng/ml



#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 11930226
Conc: 0.96 ng/ml



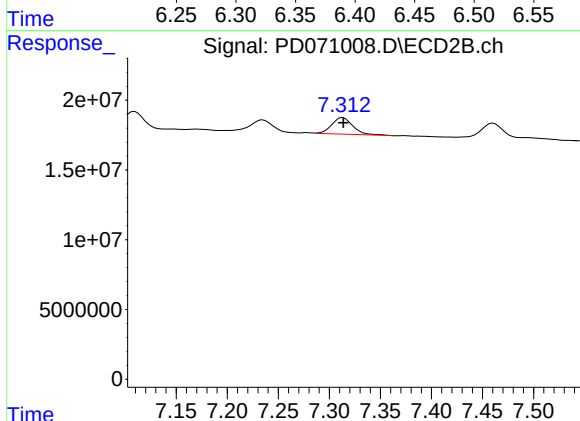
#17 4,4'-DDT

R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 2599222
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
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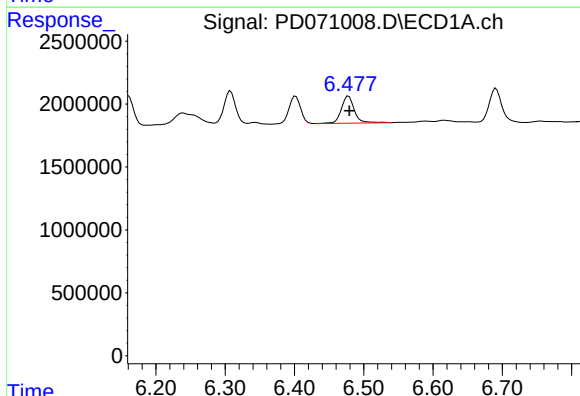
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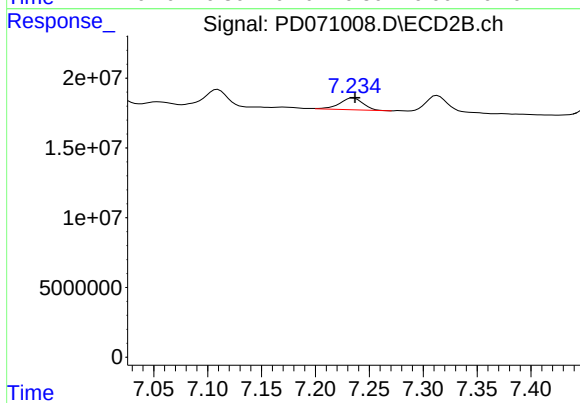
#17 4,4'-DDT

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 16773771
Conc: 1.25 ng/ml



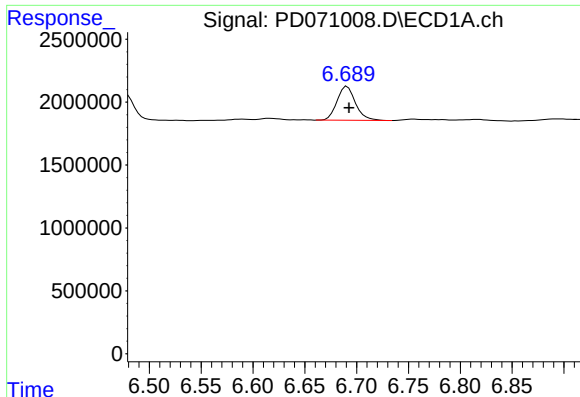
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 2816800
Conc: 1.17 ng/ml



#18 Endrin aldehyde

R.T.: 7.235 min
Delta R.T.: -0.002 min
Response: 13015891
Conc: 1.29 ng/ml



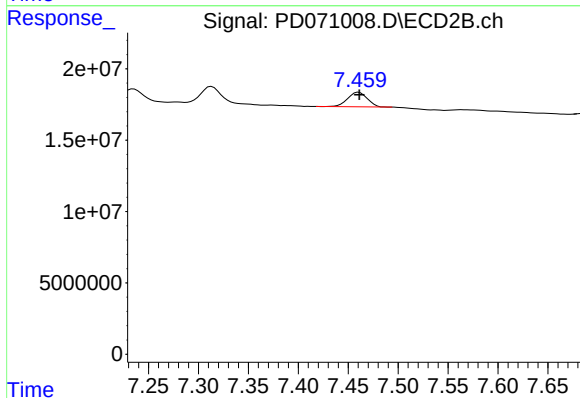
#19 Endosulfan Sulfate

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 3350751
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2022

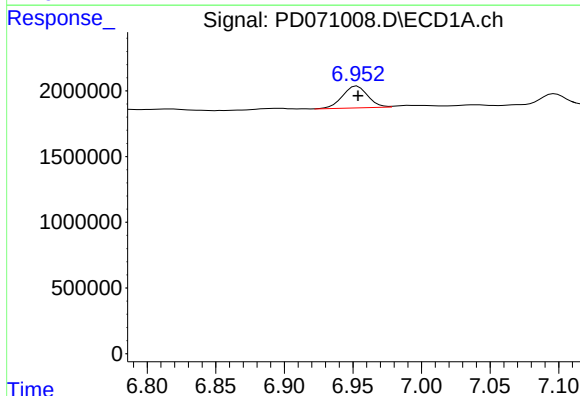
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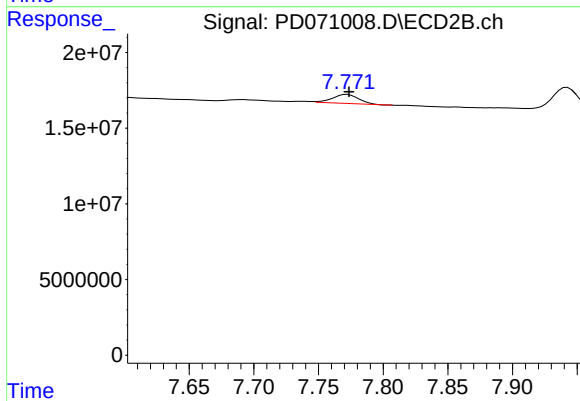
#19 Endosulfan Sulfate

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 13862830
Conc: 1.15 ng/ml



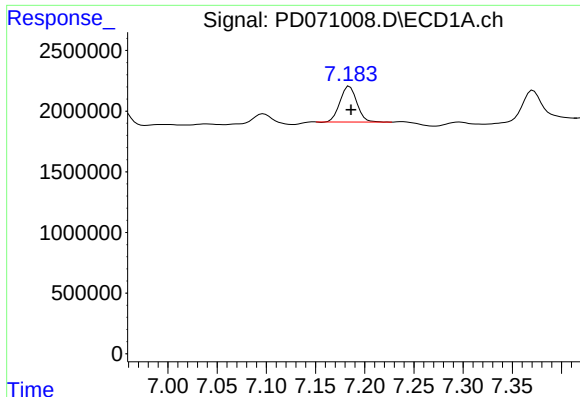
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 2117587
Conc: 1.28 ng/ml



#20 Methoxychlor

R.T.: 7.772 min
Delta R.T.: 0.000 min
Response: 8049414
Conc: 1.17 ng/ml



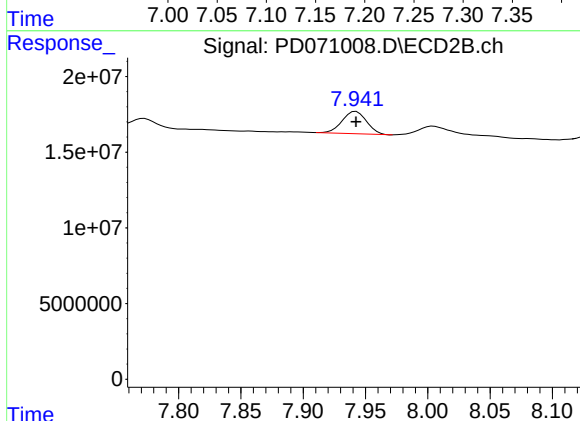
#21 Endrin ketone

R.T.: 7.185 min
Delta R.T.: -0.002 min
Response: 3512812
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2022

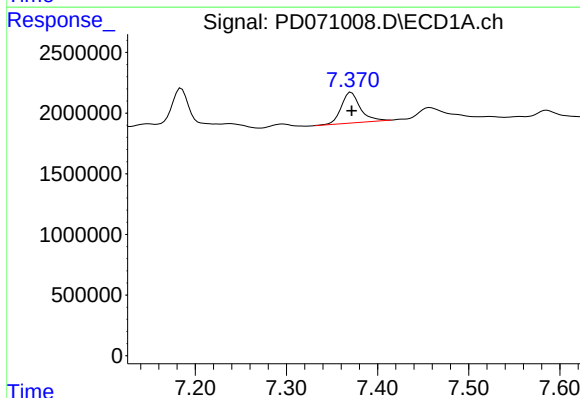
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



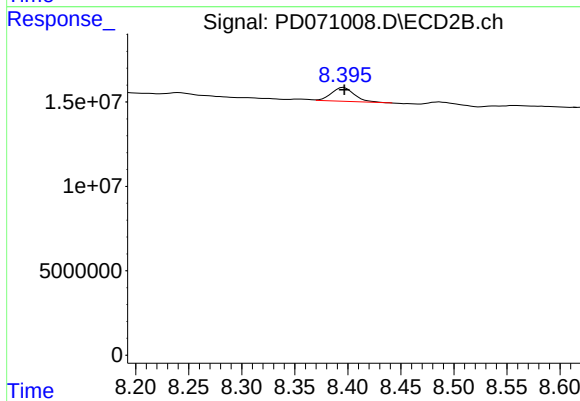
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 20209605
Conc: 1.46 ng/ml



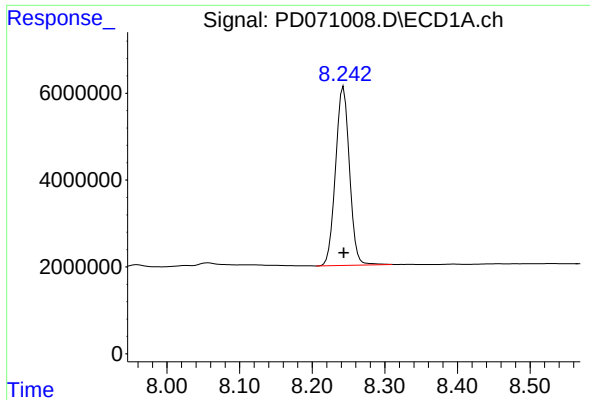
#22 Mirex

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 3657846
Conc: 1.32 ng/ml



#22 Mirex

R.T.: 8.396 min
Delta R.T.: 0.000 min
Response: 12180641
Conc: 1.33 ng/ml



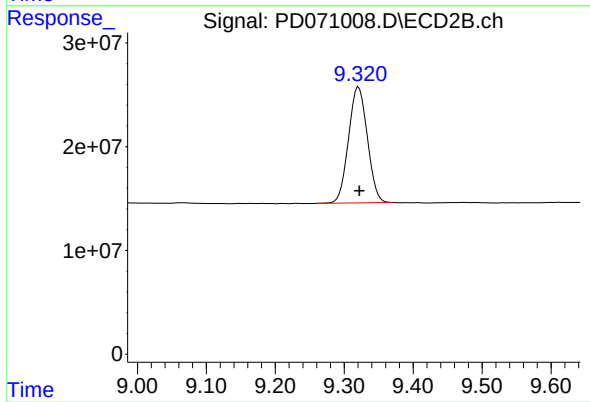
#28 Decachlorobiphenyl

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 54861407
Conc: 17.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT2-2022

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#28 Decachlorobiphenyl

R.T.: 9.321 min
Delta R.T.: -0.001 min
Response: 212425640
Conc: 18.63 ng/ml