

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080522\
 Data File : PD071366.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 15:23
 Operator : AR\AJ
 Sample : N3980-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2022
 Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 00:43:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 03:39:07 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...	2.814	3.573	42899213	484.6E6	15.127	17.216
2)	SA Decachlor...	8.014	9.102	47049732	196.3E6	16.964	18.962
Target Compounds							
2)	A alpha-BHC	3.322	4.038	3014099	44862584	0.719m	1.208 #
3)	MA gamma-BHC...	3.657	4.375	3441053	35991379	0.860	1.202 #
4)	MA Heptachlor	4.005	4.953	3474754	27030140	0.819	1.278 #
5)	MB Aldrin	4.288	5.295	3827616	22742014	0.939	1.288 #
6)	B beta-BHC	3.956	4.581	1579330	16450489	0.924	1.389 #
7)	B delta-BHC	4.190	4.828	3243669	26535061	0.826	1.333 #
8)	B Heptachlo...	4.796	5.726	3441882	24777374	0.940	1.896 #
9)	A Endosulfan I	5.170	6.114	3111902	17154765	0.909	1.248 #
10)	B gamma-Chl...	5.049	5.981	3620212	18097751	0.953	1.232 #
11)	B alpha-Chl...	5.114	6.059	3540961	18657629	0.953	1.287 #
12)	B 4,4'-DDE	5.305	6.231	2883871	17022830	0.843	1.191 #
13)	MA Dieldrin	5.437	6.392	3207732	19279275	0.886	1.312 #
14)	MA Endrin	5.714	6.623	2662776	10780283	0.841	0.862
15)	B Endosulfa...	6.010	6.850	2958810	16106314	0.985	1.299 #
16)	A 4,4'-DDD	5.863	6.755	2859679	14033835	1.003	1.180
17)	MA 4,4'-DDT	6.117	7.067	2063900	12996803	0.699	0.996 #
18)	B Endrin al...	6.191	6.981	2293403	12502437	1.040	1.291
19)	B Endosulfa...	6.415	7.214	3081238	14627396	1.071	1.226
20)	A Methoxychlor	6.697	7.542	1427531	7304386	0.865	1.060
21)	B Endrin ke...	6.926	7.706	3642692	19540415	1.118	1.456 #
22)	Mirex	7.114	8.168	2892346	11755662	1.181	1.367

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080522\
Data File : PD071366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2022 15:23
Operator : AR\AJ
Sample : N3980-09
Misc : PEST MDL 1 PPB
ALS Vial : 12 Sample Multiplier: 1

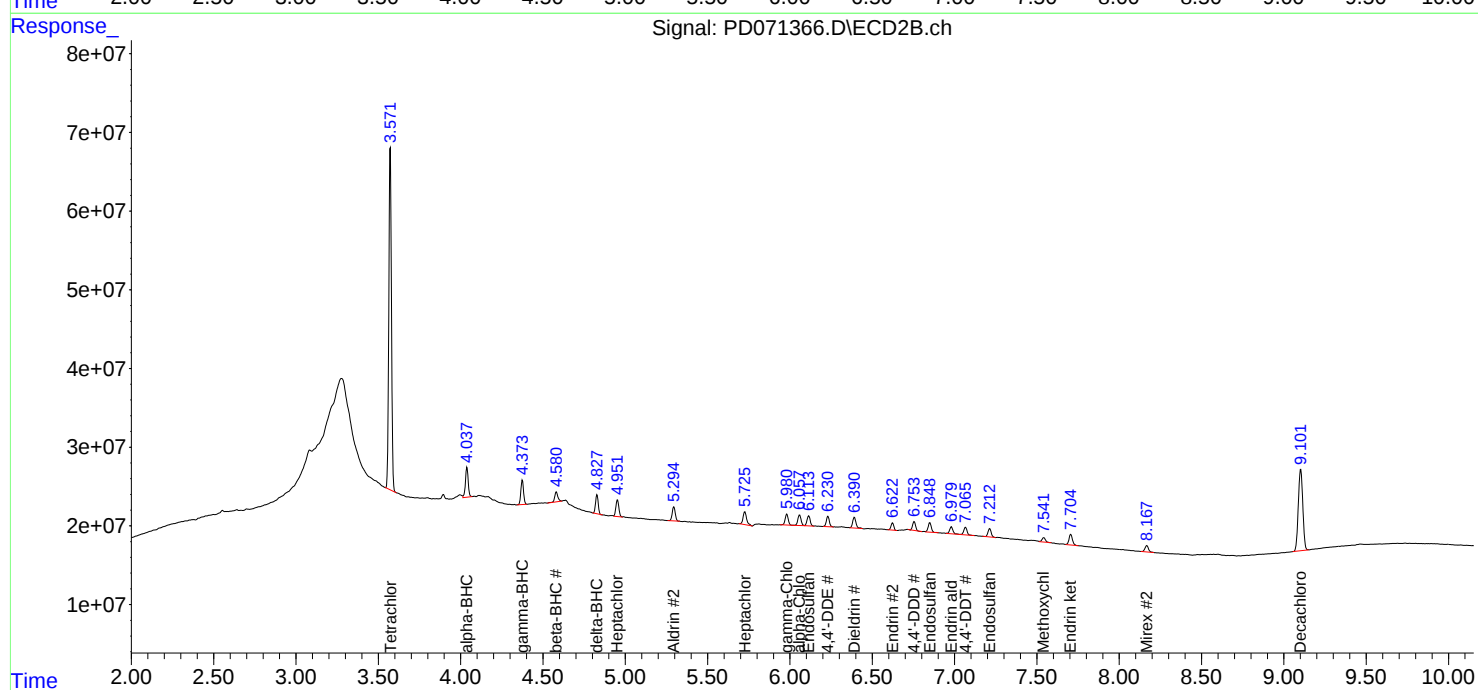
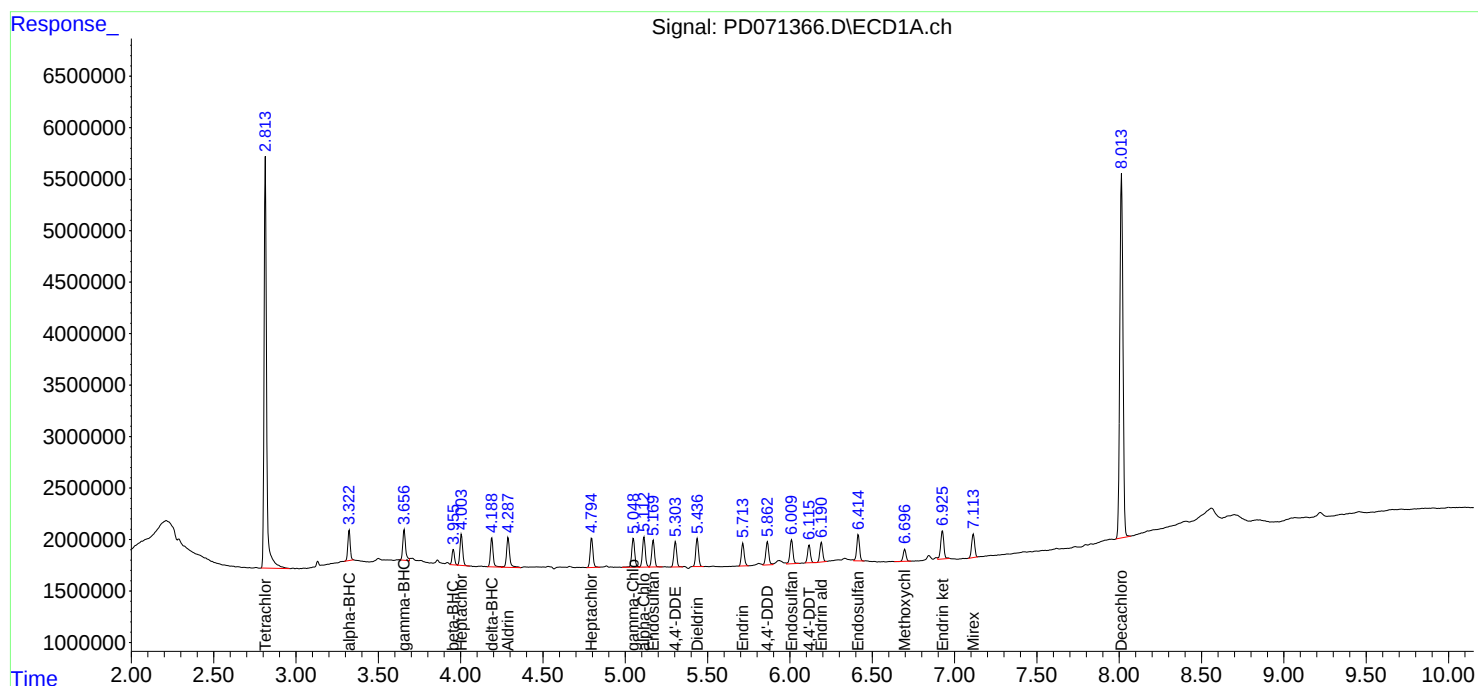
Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

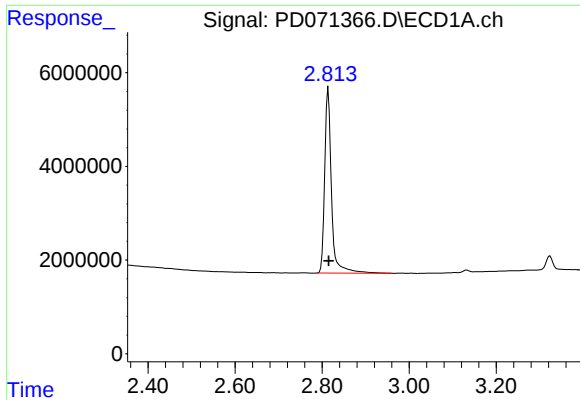
Manual Integrations
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Supervised By :Ankita Jodhani 08/08/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 00:43:36 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 03:39:07 2022
Response via : Initial Calibration
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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





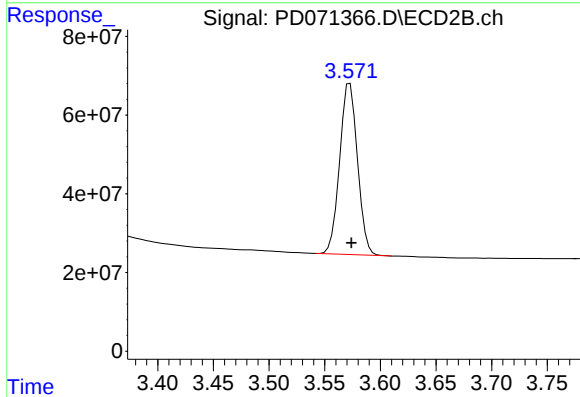
#1 Tetrachloro-m-xylene

R.T.: 2.814 min
Delta R.T.: 0.000 min
Response: 42899213
Conc: 15.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

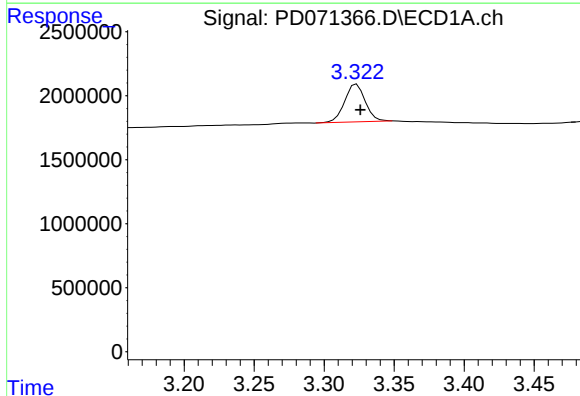
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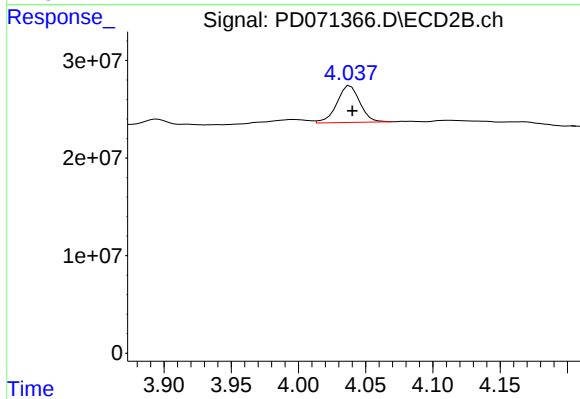
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: -0.001 min
Response: 484614303
Conc: 17.22 ng/ml



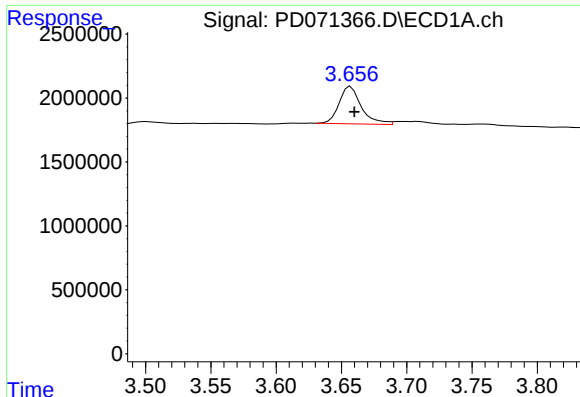
#2 alpha-BHC

R.T.: 3.322 min
Delta R.T.: -0.004 min
Response: 3014099
Conc: 0.72 ng/ml m



#2 alpha-BHC

R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 44862584
Conc: 1.21 ng/ml



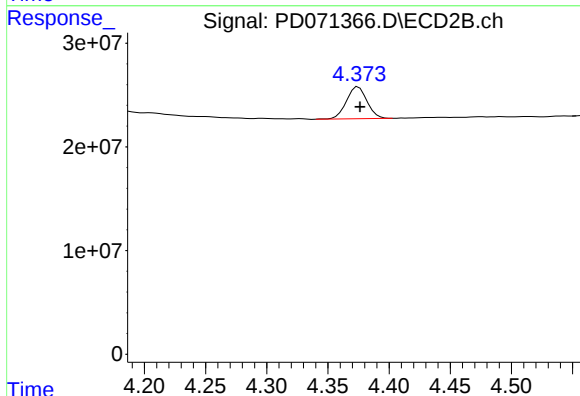
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 3441053
Conc: 0.86 ng/ml

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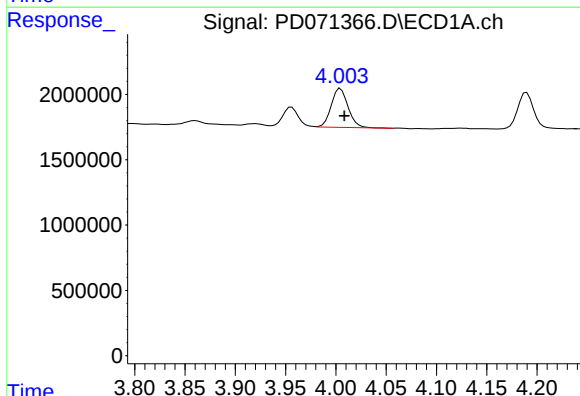
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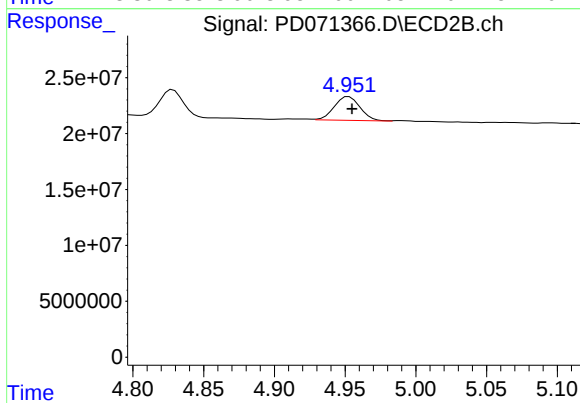
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.001 min
Response: 35991379
Conc: 1.20 ng/ml



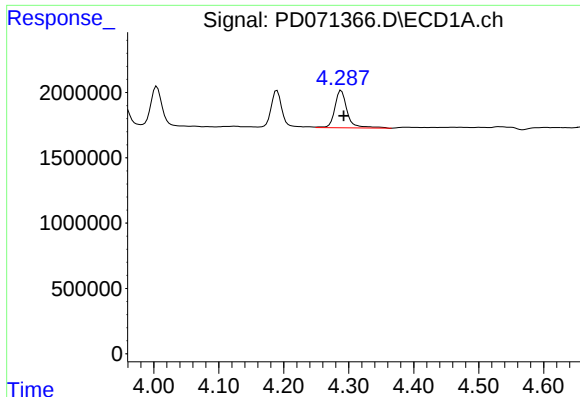
#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.004 min
Response: 3474754
Conc: 0.82 ng/ml



#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 27030140
Conc: 1.28 ng/ml



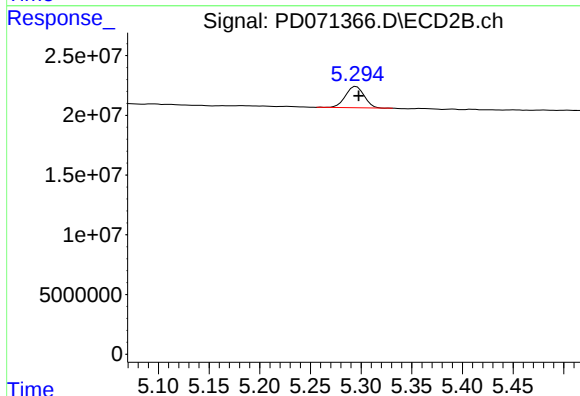
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.004 min
Response: 3827616
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

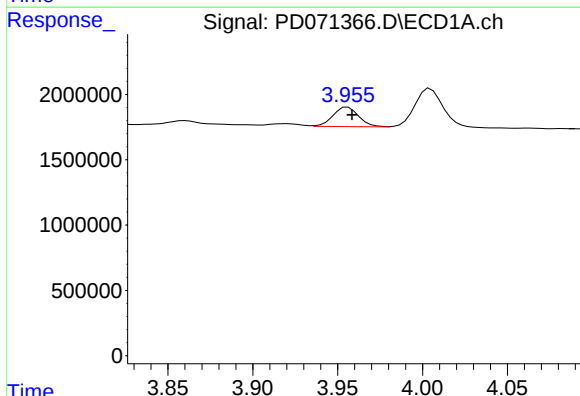
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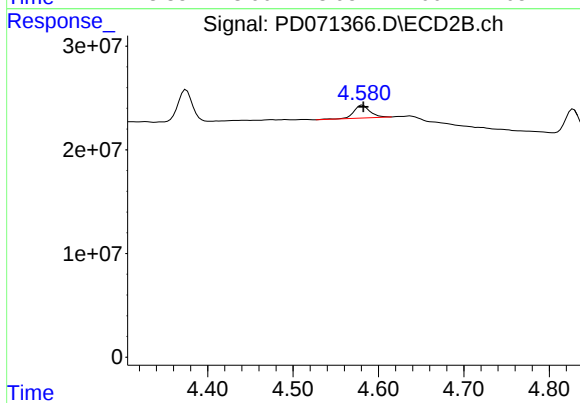
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.003 min
Response: 22742014
Conc: 1.29 ng/ml



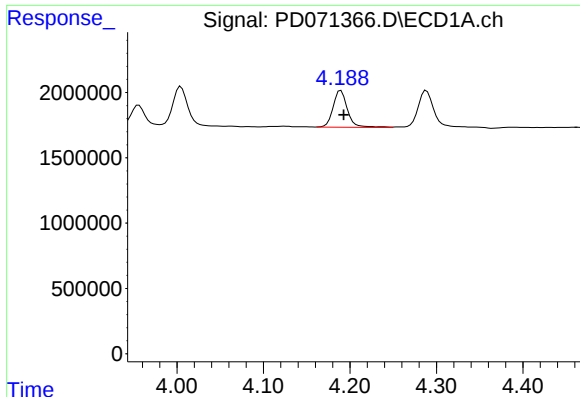
#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 1579330
Conc: 0.92 ng/ml



#6 beta-BHC

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 16450489
Conc: 1.39 ng/ml



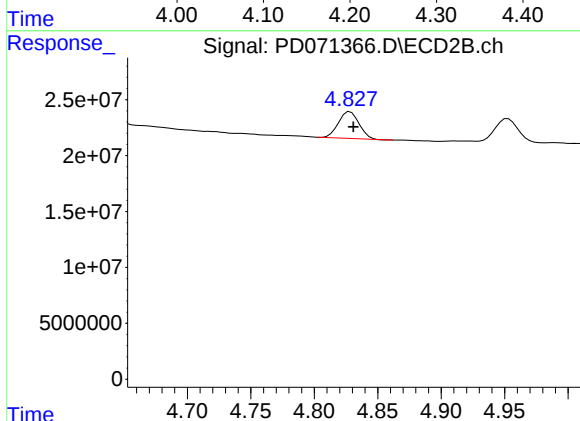
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: -0.003 min
Response: 3243669
Conc: 0.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

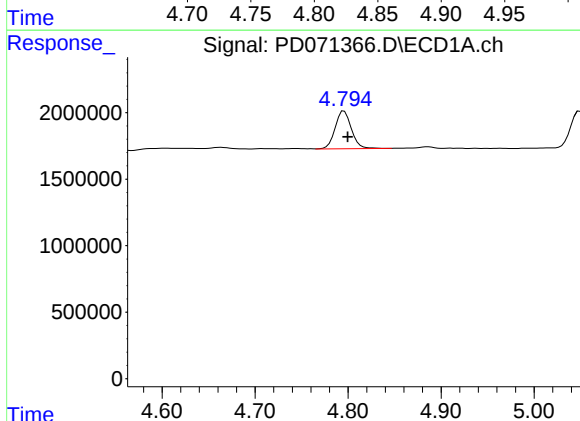
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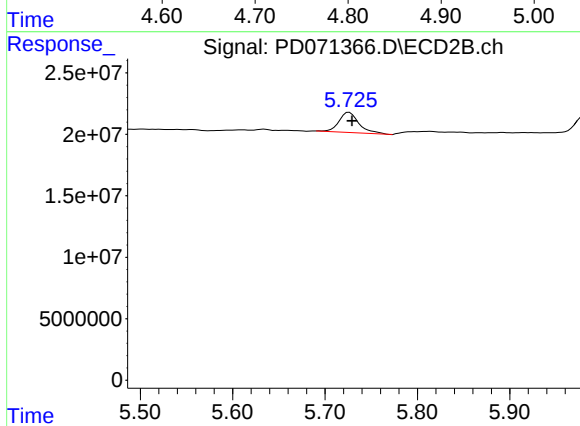
#7 delta-BHC

R.T.: 4.828 min
Delta R.T.: -0.002 min
Response: 26535061
Conc: 1.33 ng/ml



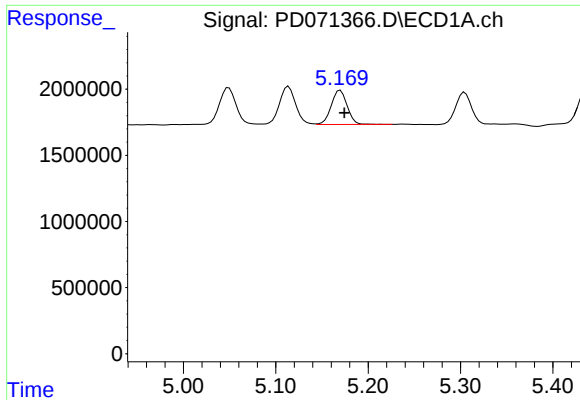
#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: -0.004 min
Response: 3441882
Conc: 0.94 ng/ml



#8 Heptachlor epoxide

R.T.: 5.726 min
Delta R.T.: -0.003 min
Response: 24777374
Conc: 1.90 ng/ml



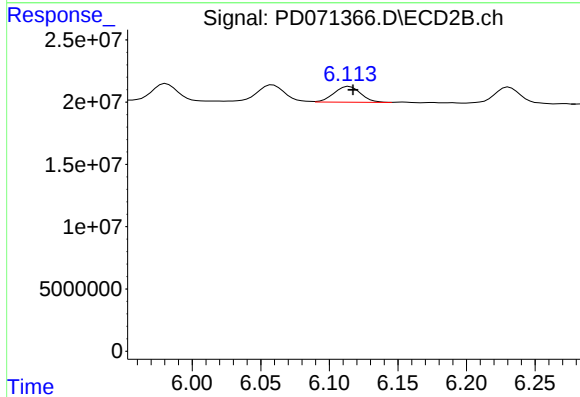
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.004 min
Response: 3111902
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

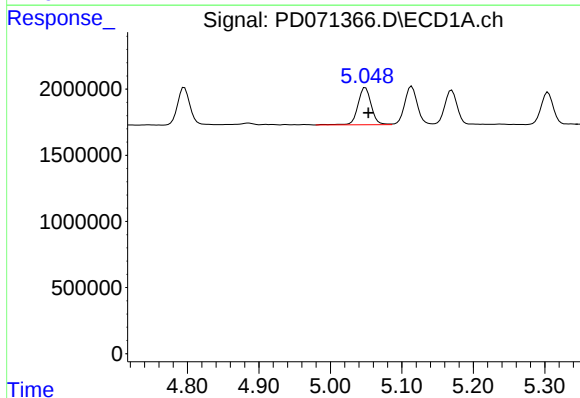
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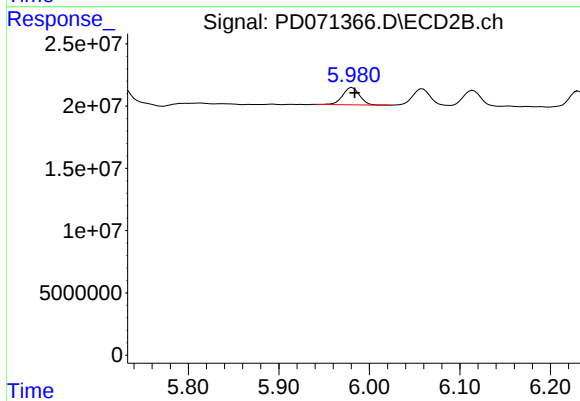
#9 Endosulfan I

R.T.: 6.114 min
Delta R.T.: -0.003 min
Response: 17154765
Conc: 1.25 ng/ml



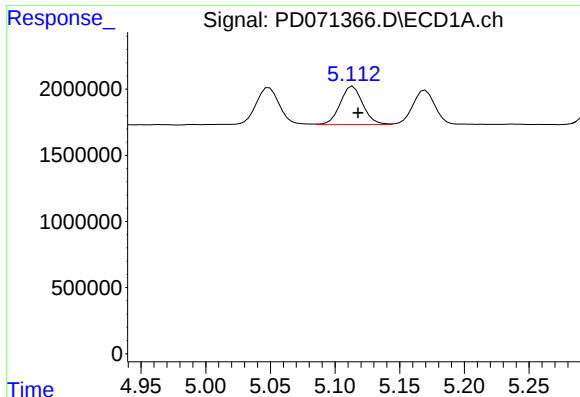
#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.004 min
Response: 3620212
Conc: 0.95 ng/ml



#10 gamma-Chlordane

R.T.: 5.981 min
Delta R.T.: -0.003 min
Response: 18097751
Conc: 1.23 ng/ml



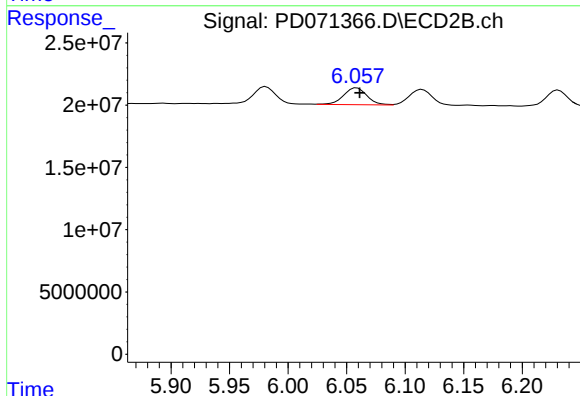
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.004 min
Response: 3540961
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

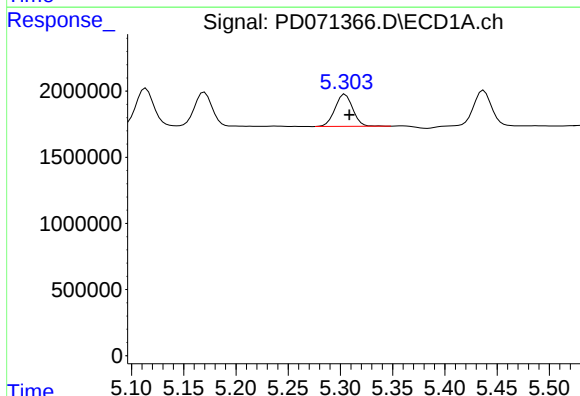
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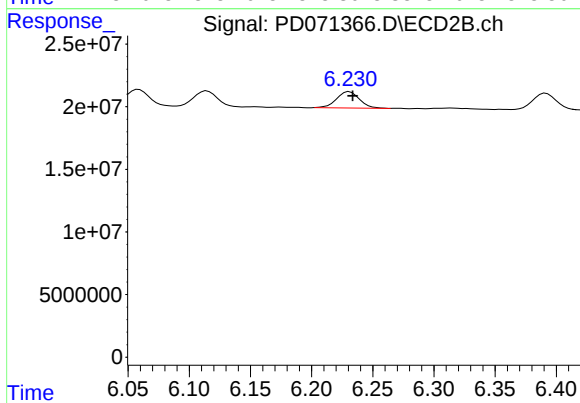
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 18657629
Conc: 1.29 ng/ml



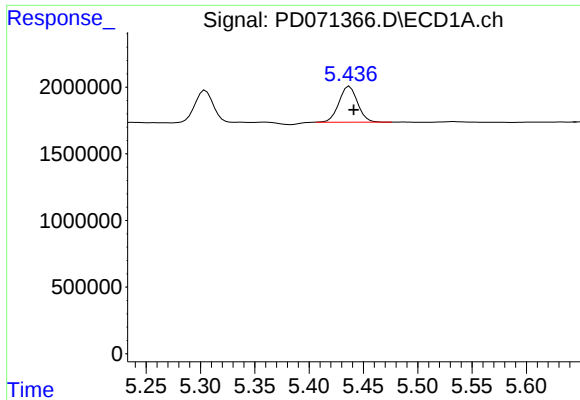
#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: -0.004 min
Response: 2883871
Conc: 0.84 ng/ml



#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 17022830
Conc: 1.19 ng/ml



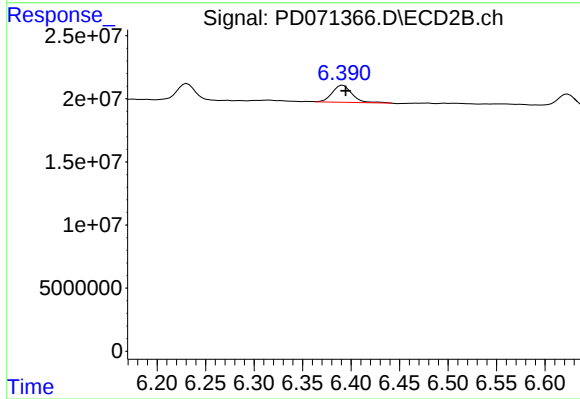
#13 Dieldrin

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 3207732
Conc: 0.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

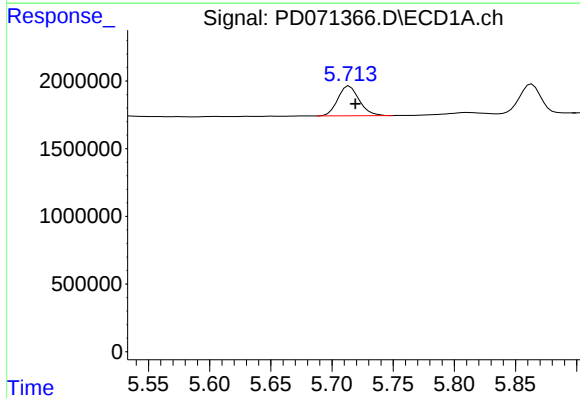
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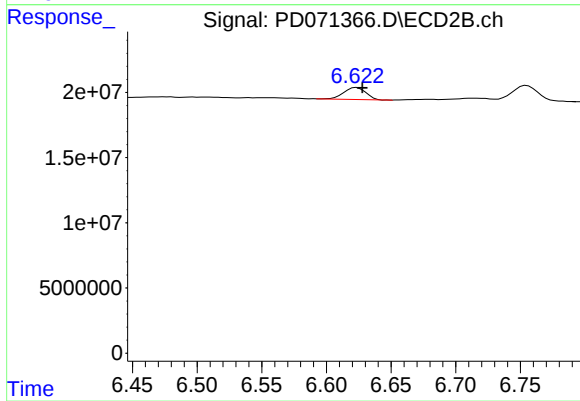
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 19279275
Conc: 1.31 ng/ml



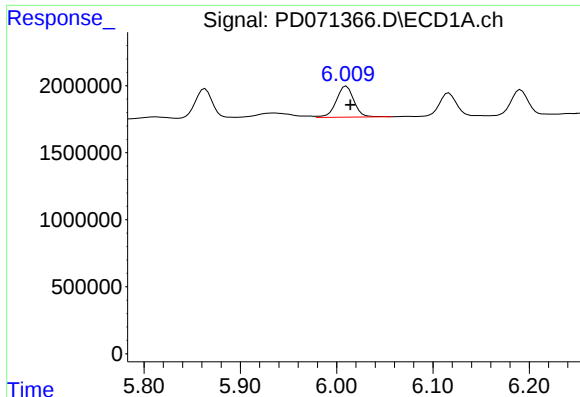
#14 Endrin

R.T.: 5.714 min
Delta R.T.: -0.005 min
Response: 2662776
Conc: 0.84 ng/ml



#14 Endrin

R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 10780283
Conc: 0.86 ng/ml



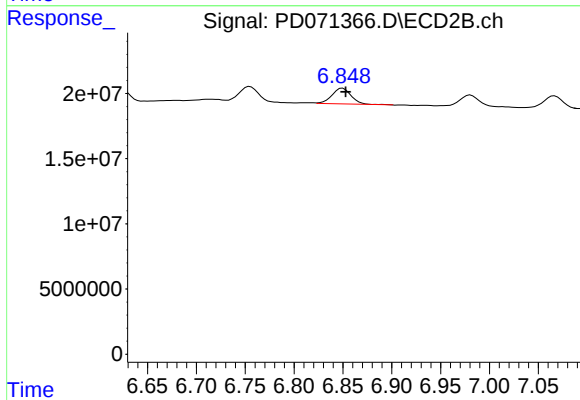
#15 Endosulfan II

R.T.: 6.010 min
Delta R.T.: -0.004 min
Response: 2958810
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

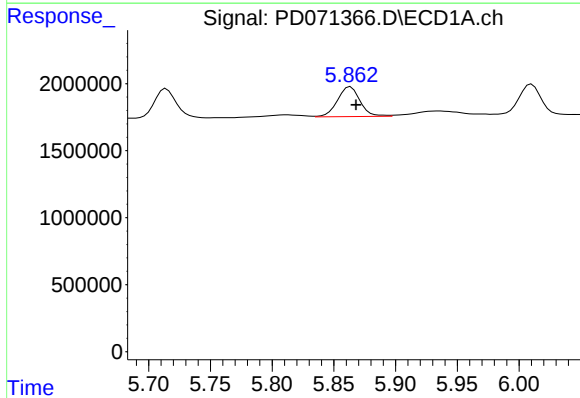
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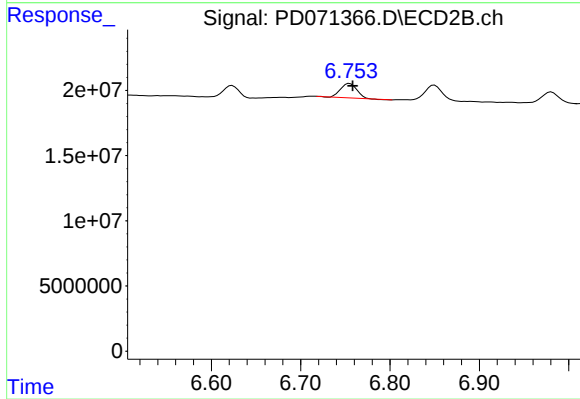
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 16106314
Conc: 1.30 ng/ml



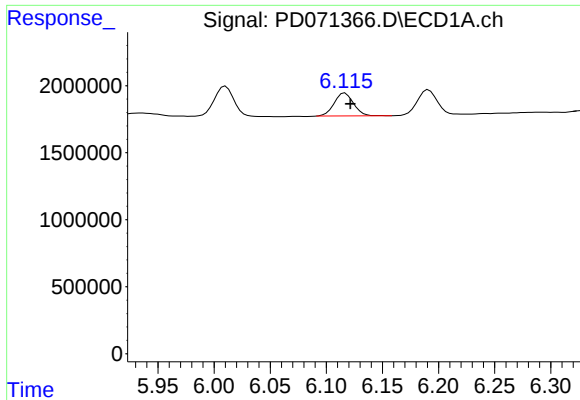
#16 4,4'-DDD

R.T.: 5.863 min
Delta R.T.: -0.005 min
Response: 2859679
Conc: 1.00 ng/ml



#16 4,4'-DDD

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 14033835
Conc: 1.18 ng/ml



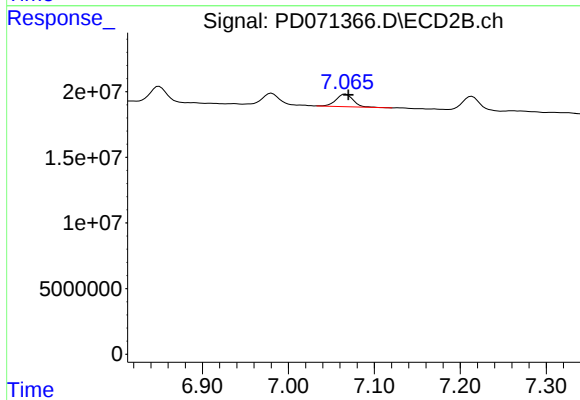
#17 4,4'-DDT

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 2063900
Conc: 0.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

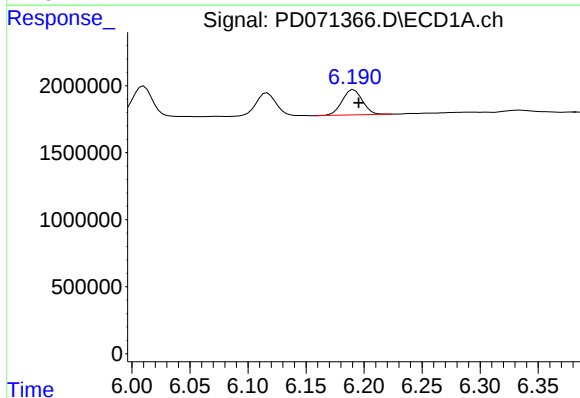
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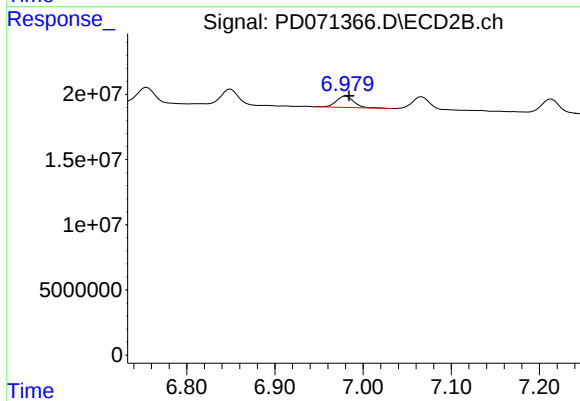
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 12996803
Conc: 1.00 ng/ml



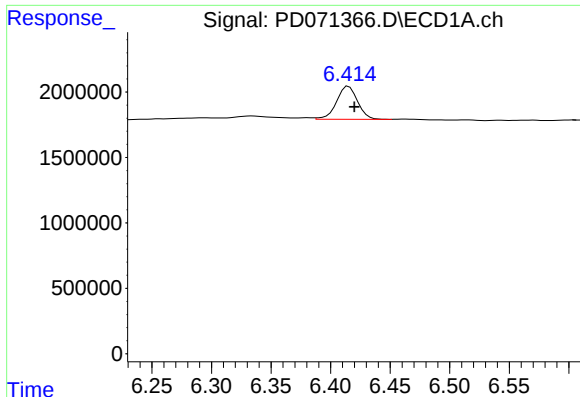
#18 Endrin aldehyde

R.T.: 6.191 min
Delta R.T.: -0.004 min
Response: 2293403
Conc: 1.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 12502437
Conc: 1.29 ng/ml



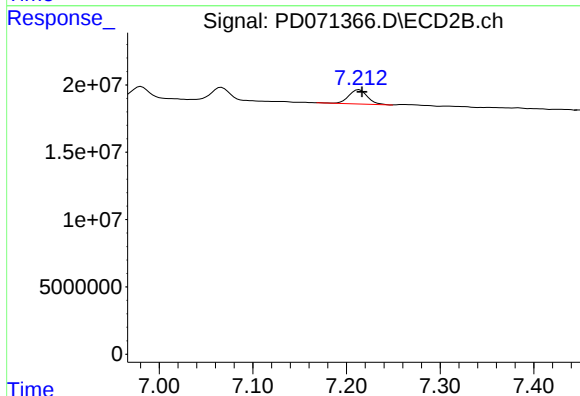
#19 Endosulfan Sulfate

R.T.: 6.415 min
Delta R.T.: -0.005 min
Response: 3081238
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

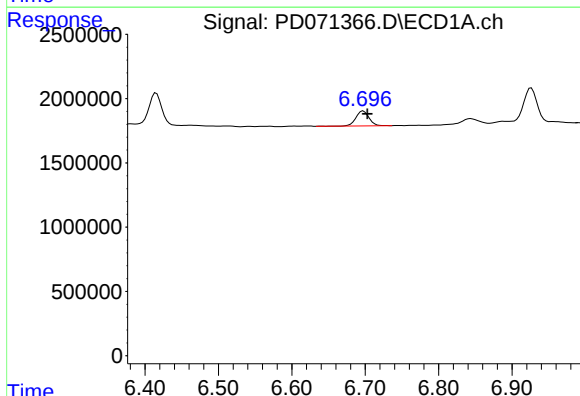
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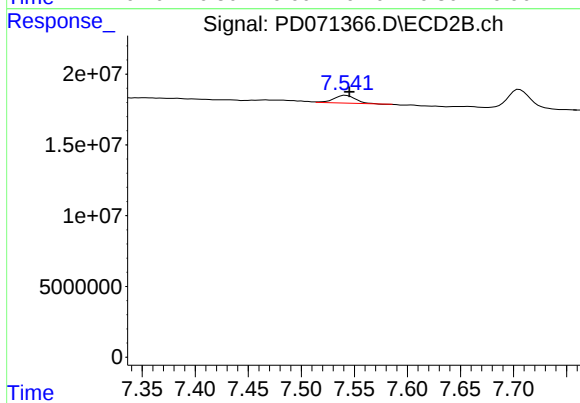
#19 Endosulfan Sulfate

R.T.: 7.214 min
Delta R.T.: -0.003 min
Response: 14627396
Conc: 1.23 ng/ml



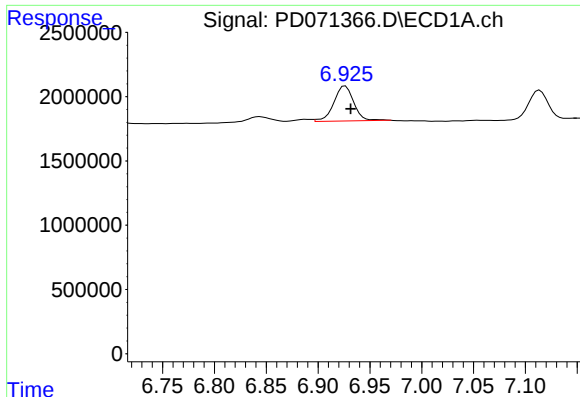
#20 Methoxychlor

R.T.: 6.697 min
Delta R.T.: -0.006 min
Response: 1427531
Conc: 0.87 ng/ml



#20 Methoxychlor

R.T.: 7.542 min
Delta R.T.: -0.003 min
Response: 7304386
Conc: 1.06 ng/ml



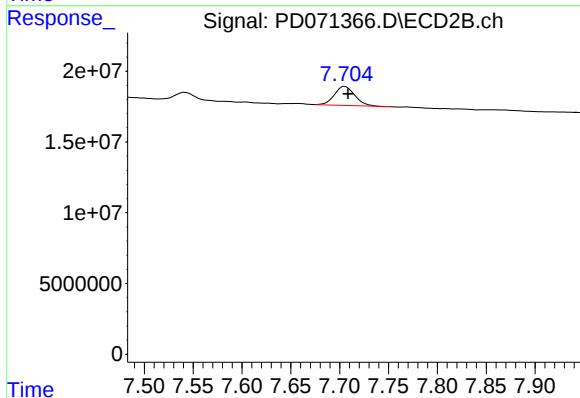
#21 Endrin ketone

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 3642692
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

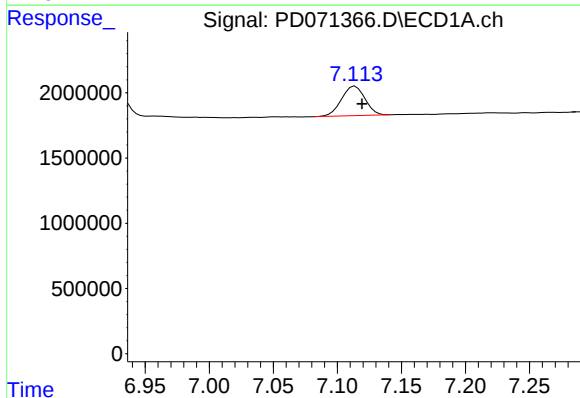
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2022
Supervised By :Ankita Jodhani 08/08/2022



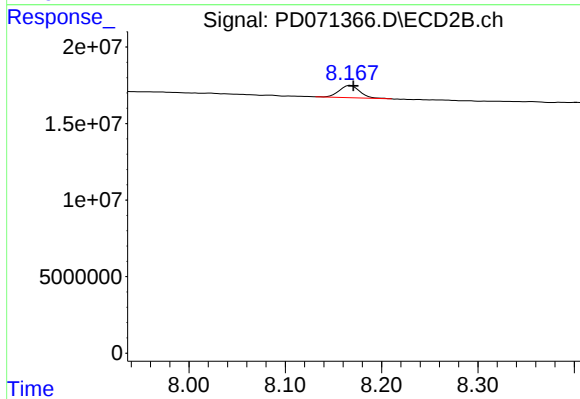
#21 Endrin ketone

R.T.: 7.706 min
Delta R.T.: -0.003 min
Response: 19540415
Conc: 1.46 ng/ml



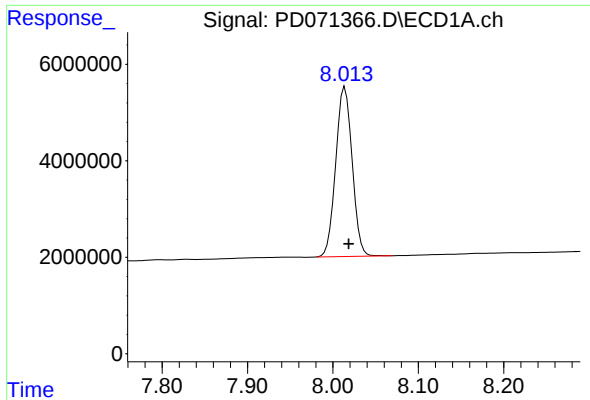
#22 Mirex

R.T.: 7.114 min
Delta R.T.: -0.005 min
Response: 2892346
Conc: 1.18 ng/ml



#22 Mirex

R.T.: 8.168 min
Delta R.T.: -0.003 min
Response: 11755662
Conc: 1.37 ng/ml



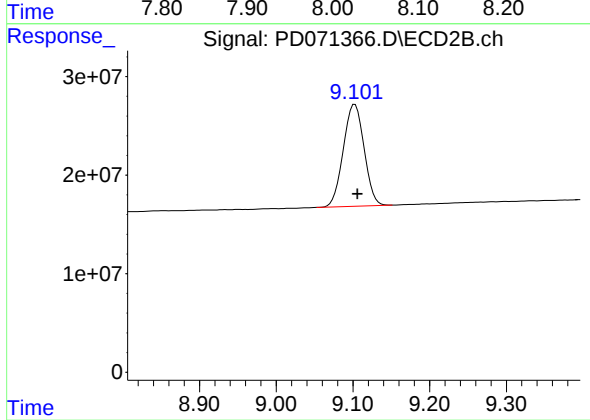
#28 Decachlorobiphenyl

R.T.: 8.014 min
Delta R.T.: -0.004 min
Response: 47049732
Conc: 16.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2022

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2022
Supervised By :Ankita Jodhani 08/08/2022



#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: -0.003 min
Response: 196304715
Conc: 18.96 ng/ml