

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103021\
 Data File : PD066631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2021 11:14
 Operator : AR\AJ
 Sample : M4068-08
 Misc : LOQ 5 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2021
 Supervised By :mohammad ahmed 11/01/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:53:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 28 02:17:57 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...	3.439	3.969	33499244	153.0E6	17.954	18.905
28)	SA Decachlor...	8.165	9.024	21048501	102.0E6	18.217	18.928
Target Compounds							
2)	A alpha-BHC	3.876	4.363	12882917	56097326	4.214	5.085
3)	MA gamma-BHC...	4.158	4.647	14683304	49640908	4.862	4.981
4)	MA Heptachlor	4.451	5.147	12139793	51691455	4.092	5.274 #
5)	MB Aldrin	4.697	5.450	11916815	45385946	4.135	5.000
6)	B beta-BHC	4.406	4.824	5923149	25661082	4.742	5.511
7)	B delta-BHC	4.608	5.039	11104673	49581509	4.131	5.424 #
8)	B Heptachlo...	5.137	5.839	11337239	38040528	4.383	5.249
9)	A Endosulfan I	5.474	6.196	10494243	40637247	4.419	5.154
10)	B gamma-Chl...	5.362	6.073	11306271	42216227	4.340	5.060
11)	B alpha-Chl...	5.420	6.145	11306766	43171514	4.406	5.205
12)	B 4,4'-DDE	5.583	6.305	9652505	38597035	4.143	4.898
13)	MA Dieldrin	5.716	6.454	10896691	42181238	4.355	5.084
14)	MA Endrin	5.972	6.674	8717137	32769462	4.165	4.761
15)	B Endosulfa...	6.244	6.886	9371200	38103665	4.713m	5.397m
16)	A 4,4'-DDD	6.098	6.799	7587321	35785175	4.047	5.266 #
17)	MA 4,4'-DDT	6.337	7.096	7656163	33768477	3.980	4.656
18)	B Endrin al...	6.414	7.012	8231358	34016226	5.325	5.980
19)	B Endosulfa...	6.626	7.234	8886019	40056907	4.775	5.522
20)	A Methoxychlor	6.884	7.558	4858380	21087751	4.705	5.176
21)	B Endrin ke...	7.118	7.707	10916183	47579275	5.003	5.658
22)	Mirex	7.299	8.155	8267916	33340544	5.315	5.637

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103021\
Data File : PD066631.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2021 11:14
Operator : AR\AJ
Sample : M4068-08
Misc : LOQ 5 PPB
ALS Vial : 12 Sample Multiplier: 1

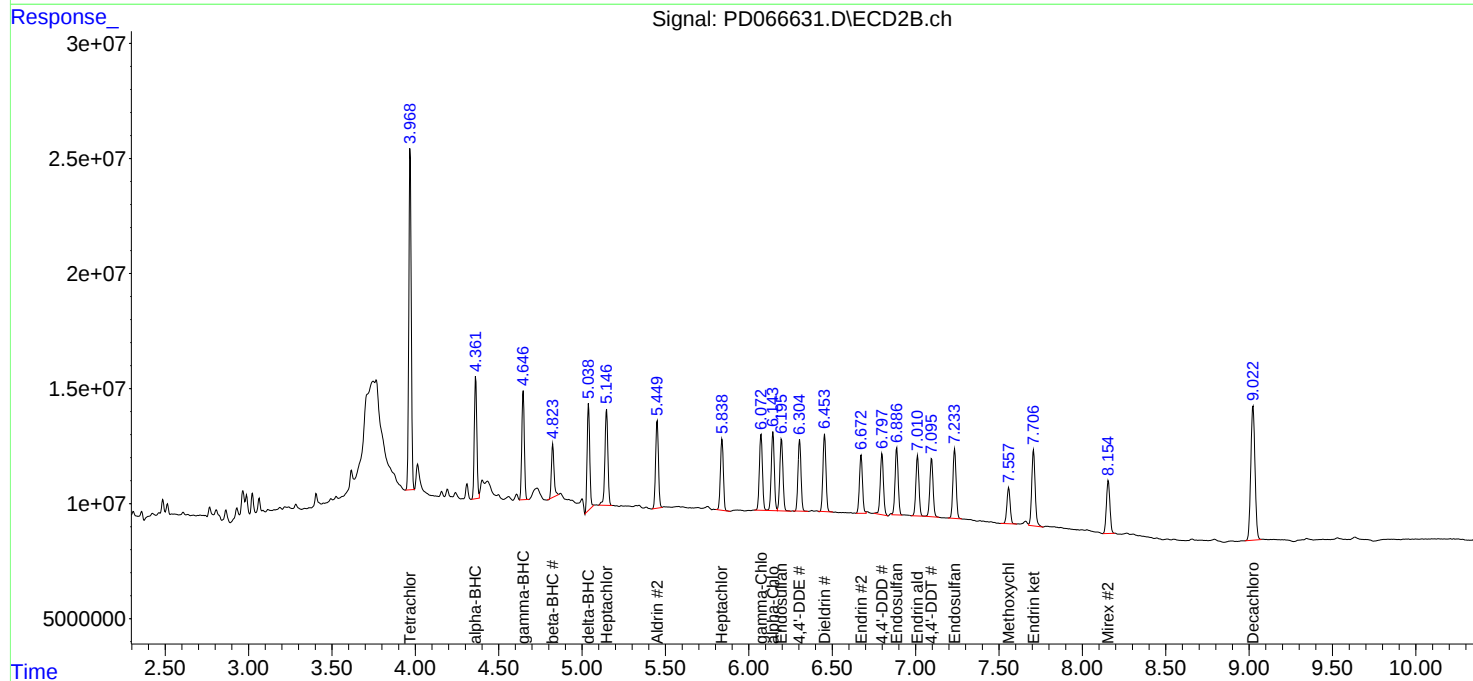
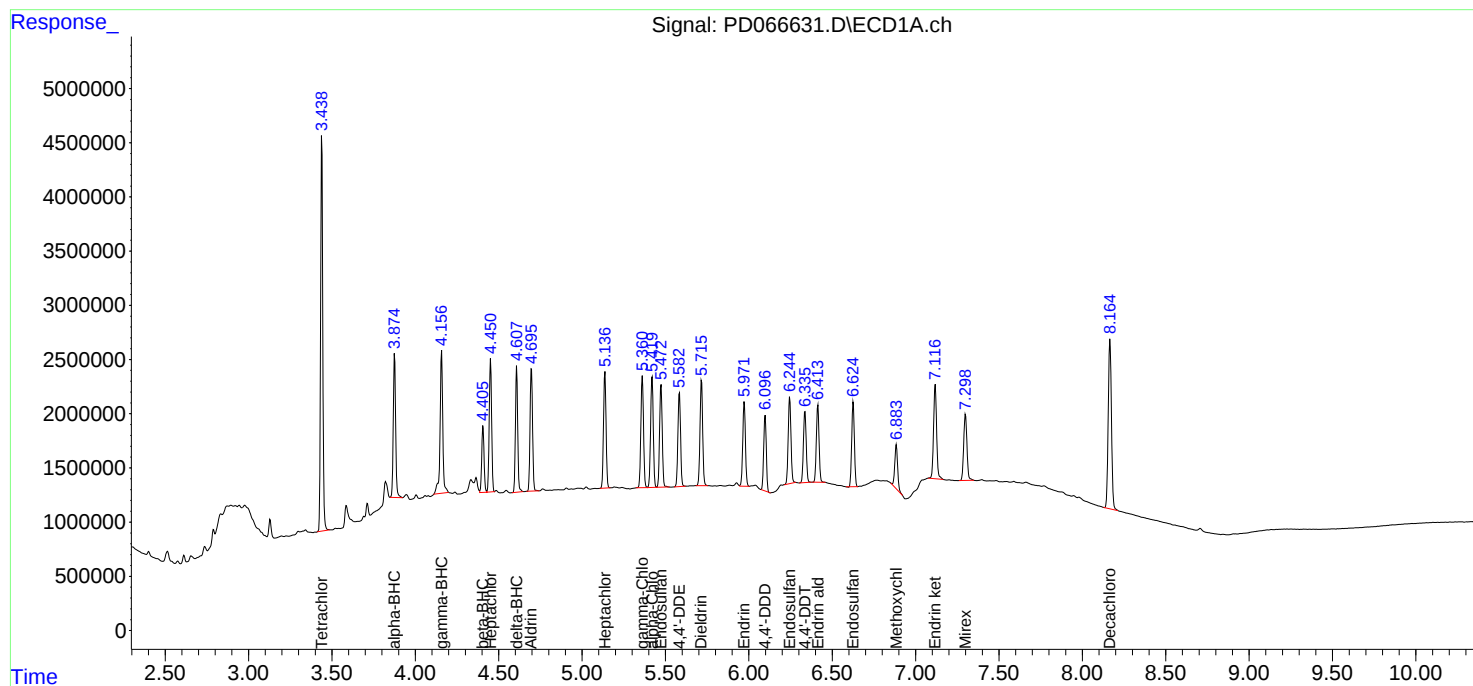
Instrument :
ECD_D
ClientSampleId :
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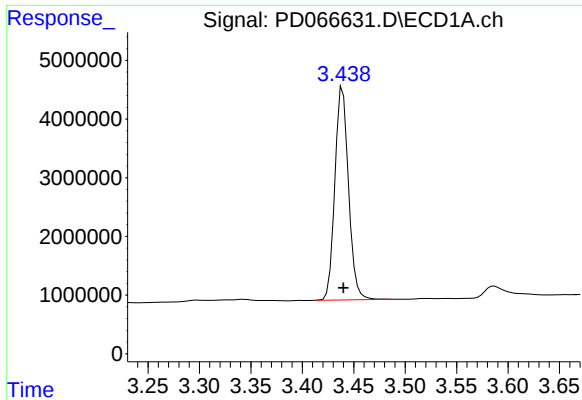
Manual Integrations
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Supervised By : mohammad ahmed 11/01/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 04:53:02 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102821.M
Quant Title : GC Extractables
QLast Update : Thu Oct 28 02:17:57 2021
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Volume Inj. : 2 µl
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Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





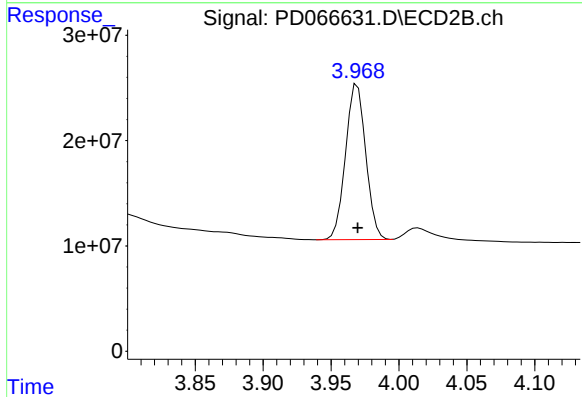
#1 Tetrachloro-m-xylene

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 33499244
Conc: 17.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
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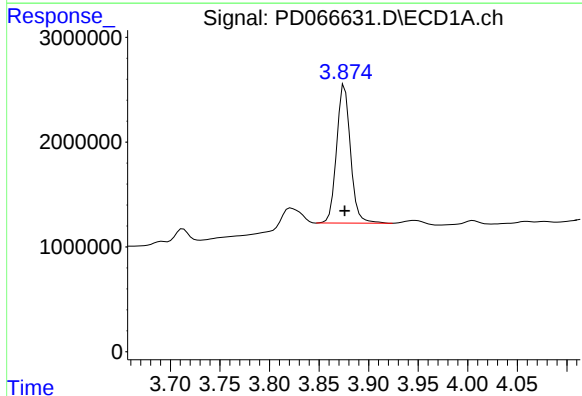
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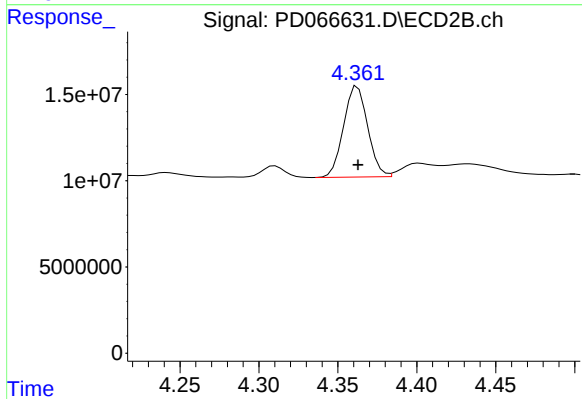
#1 Tetrachloro-m-xylene

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 152982351
Conc: 18.91 ng/ml



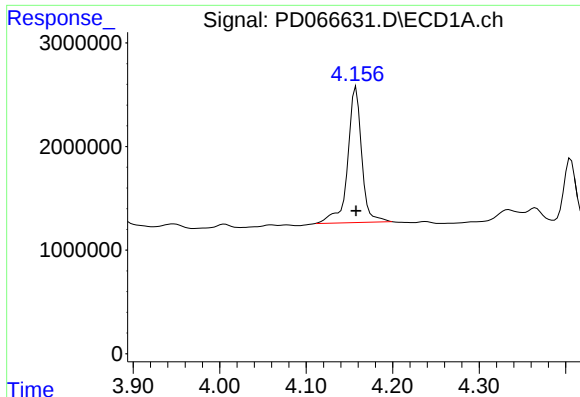
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 12882917
Conc: 4.21 ng/ml



#2 alpha-BHC

R.T.: 4.363 min
Delta R.T.: 0.000 min
Response: 56097326
Conc: 5.08 ng/ml



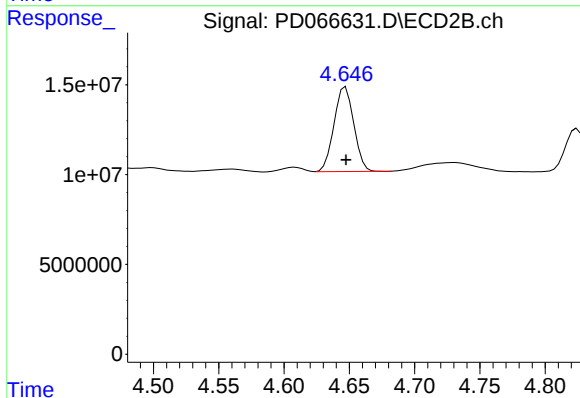
#3 gamma-BHC (Lindane)

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 14683304
Conc: 4.86 ng/ml

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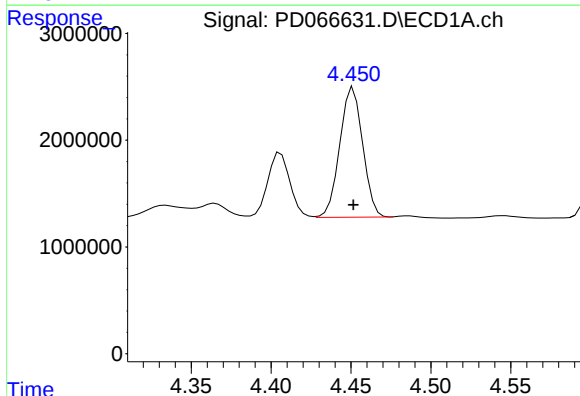
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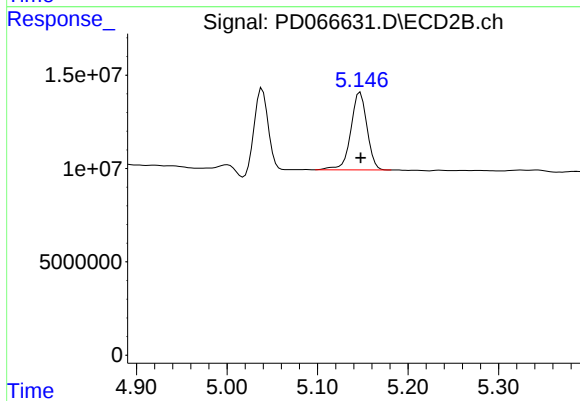
#3 gamma-BHC (Lindane)

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 49640908
Conc: 4.98 ng/ml



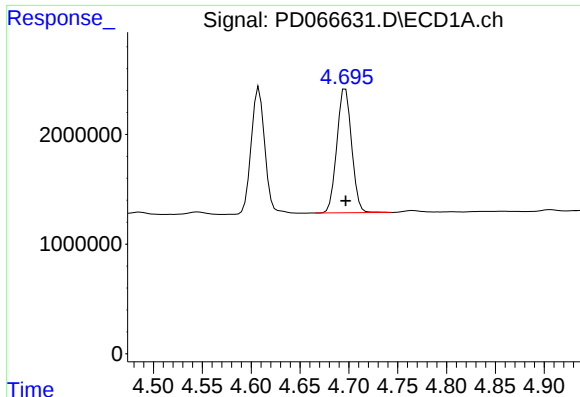
#4 Heptachlor

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 12139793
Conc: 4.09 ng/ml



#4 Heptachlor

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 51691455
Conc: 5.27 ng/ml



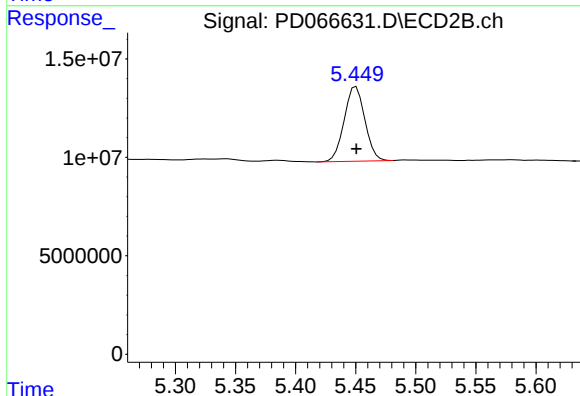
#5 Aldrin

R.T.: 4.697 min
Delta R.T.: 0.000 min
Response: 11916815
Conc: 4.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2021

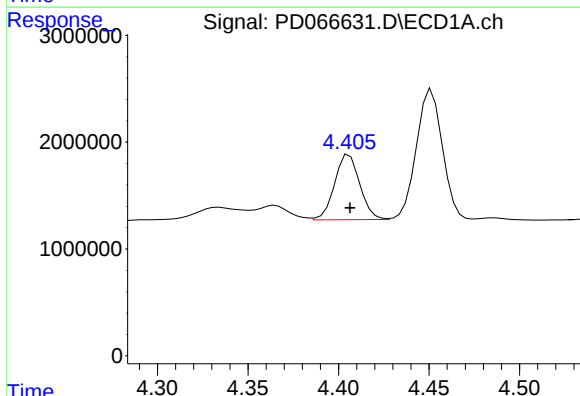
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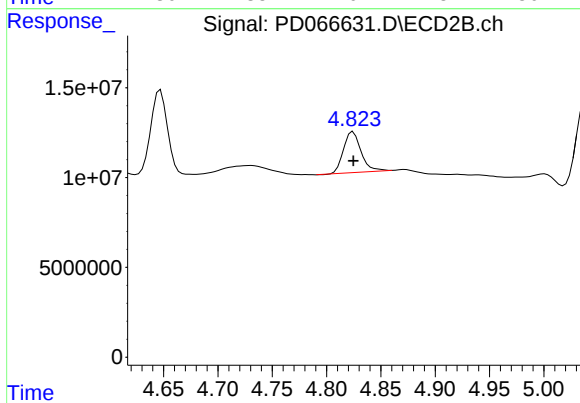
#5 Aldrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 45385946
Conc: 5.00 ng/ml



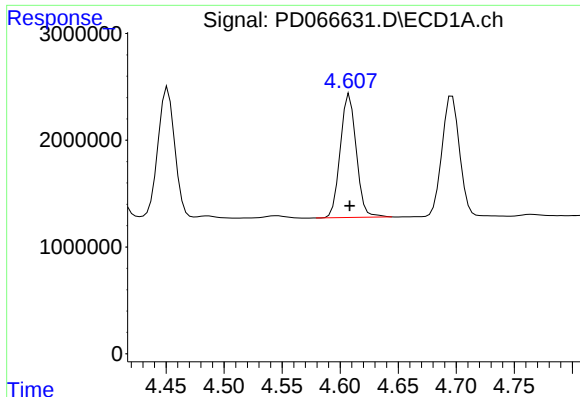
#6 beta-BHC

R.T.: 4.406 min
Delta R.T.: 0.000 min
Response: 5923149
Conc: 4.74 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 25661082
Conc: 5.51 ng/ml



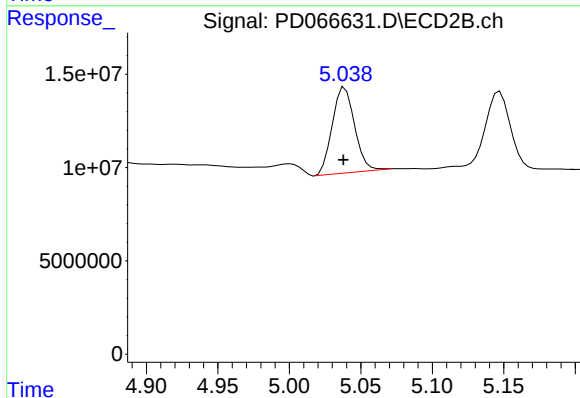
#7 delta-BHC

R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 11104673
Conc: 4.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2021

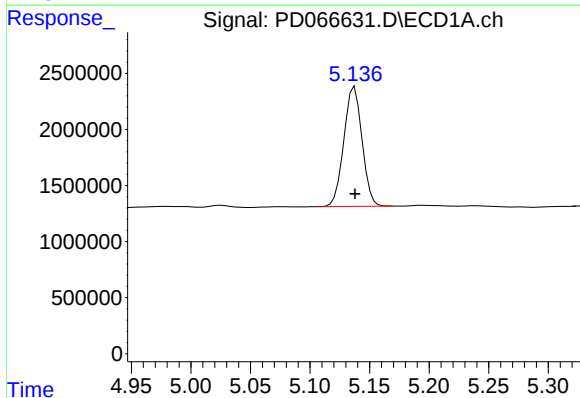
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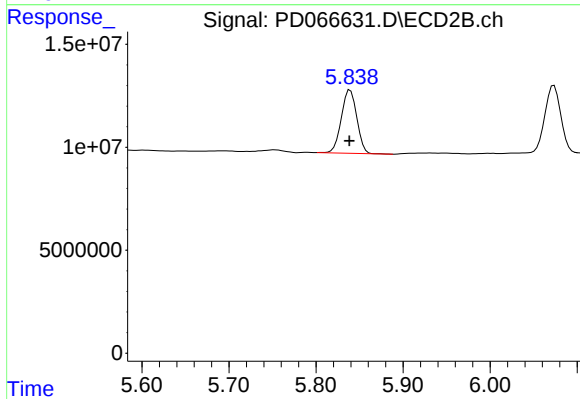
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: 0.001 min
Response: 49581509
Conc: 5.42 ng/ml



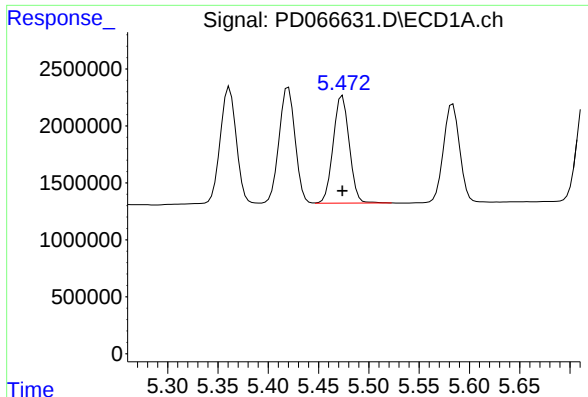
#8 Heptachlor epoxide

R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 11337239
Conc: 4.38 ng/ml



#8 Heptachlor epoxide

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 38040528
Conc: 5.25 ng/ml



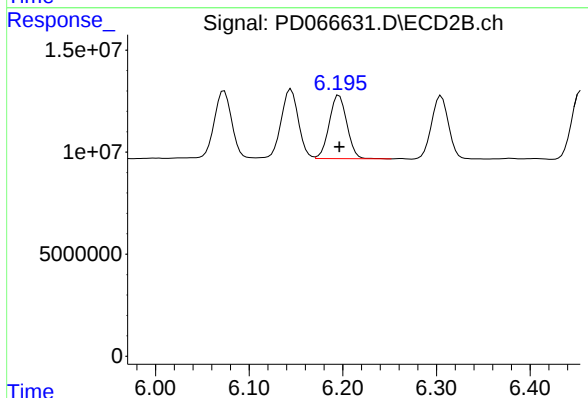
#9 Endosulfan I

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 10494243
Conc: 4.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2021

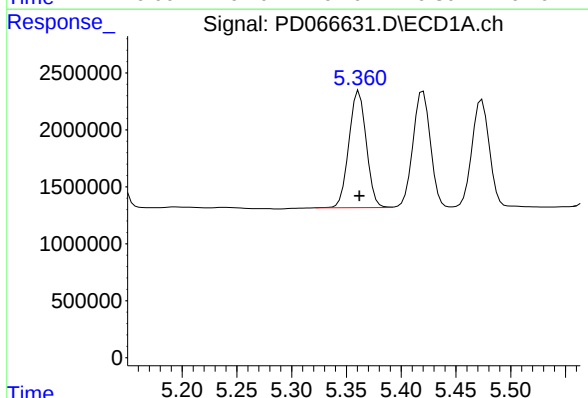
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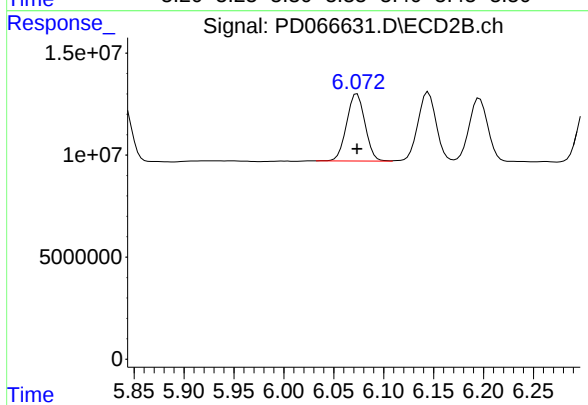
#9 Endosulfan I

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 40637247
Conc: 5.15 ng/ml



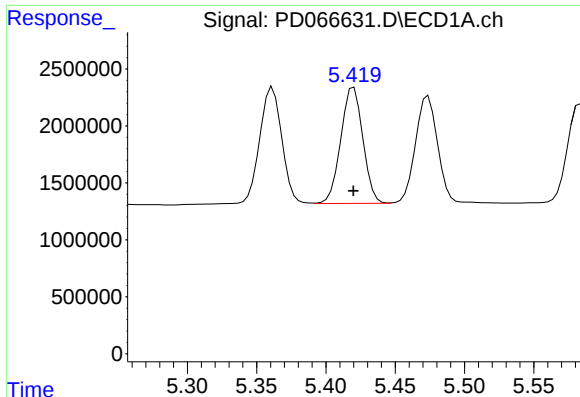
#10 gamma-Chlordane

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 11306271
Conc: 4.34 ng/ml



#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 42216227
Conc: 5.06 ng/ml



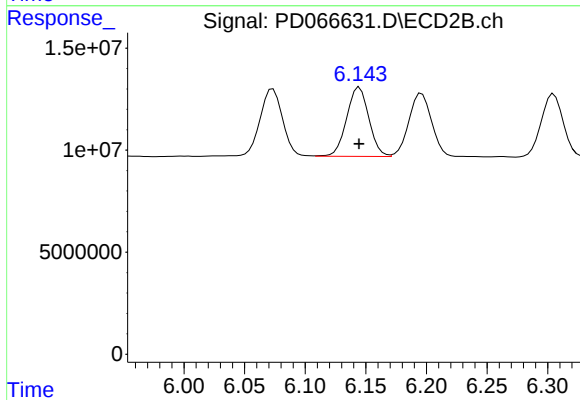
#11 alpha-Chlordane

R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 11306766
Conc: 4.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2021

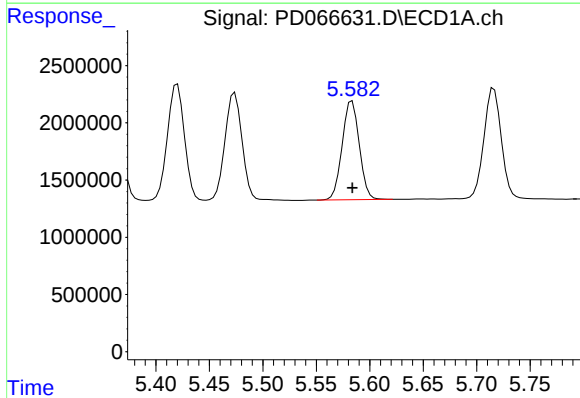
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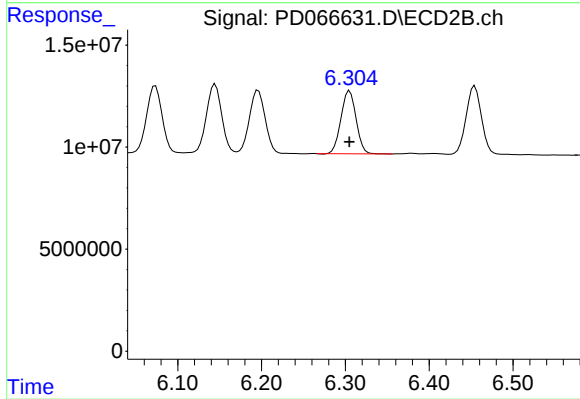
#11 alpha-Chlordane

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 43171514
Conc: 5.20 ng/ml



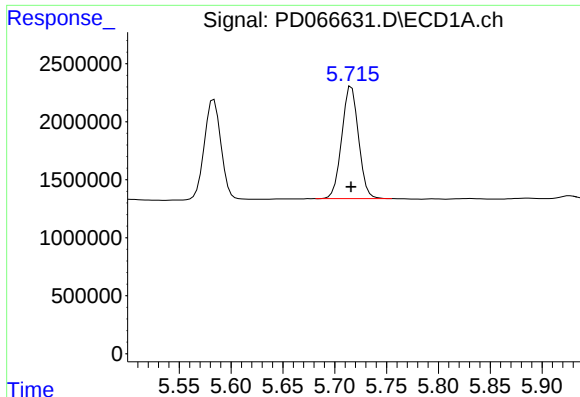
#12 4,4'-DDE

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 9652505
Conc: 4.14 ng/ml



#12 4,4'-DDE

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 38597035
Conc: 4.90 ng/ml



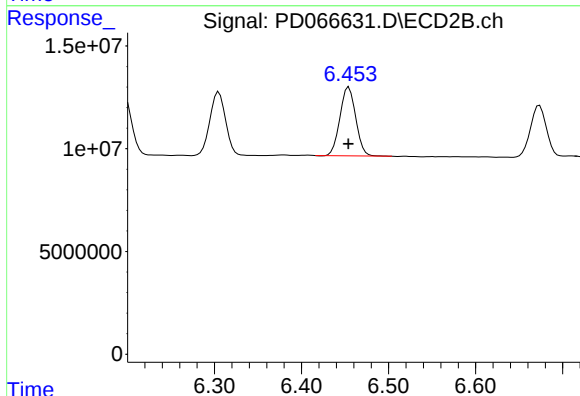
#13 Dieldrin

R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 10896691
Conc: 4.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
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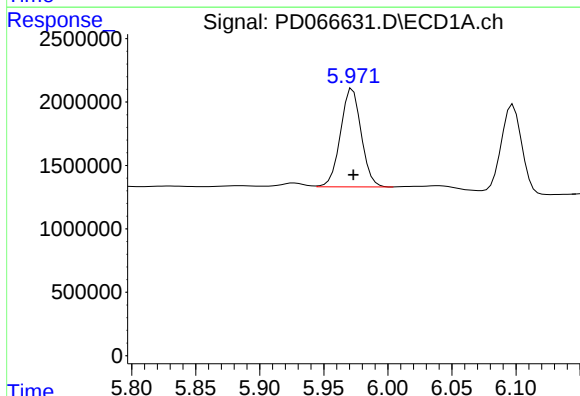
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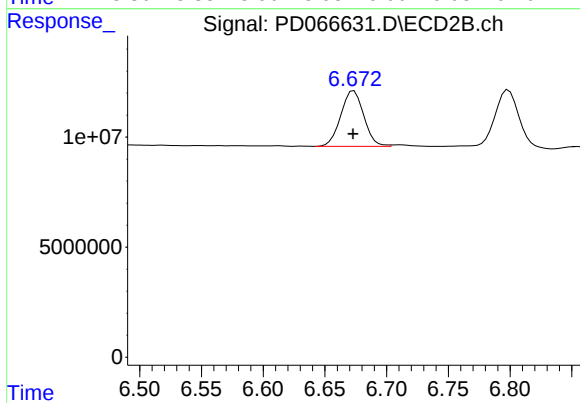
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 42181238
Conc: 5.08 ng/ml



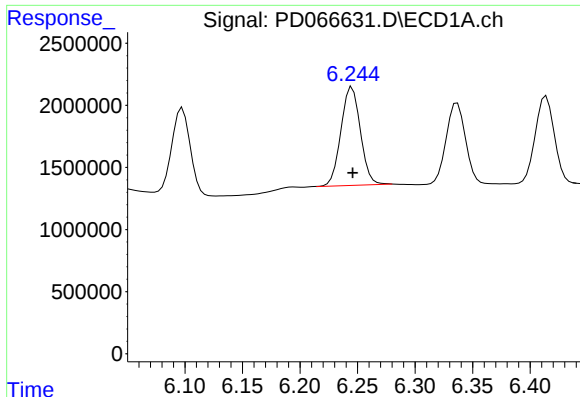
#14 Endrin

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 8717137
Conc: 4.17 ng/ml



#14 Endrin

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 32769462
Conc: 4.76 ng/ml



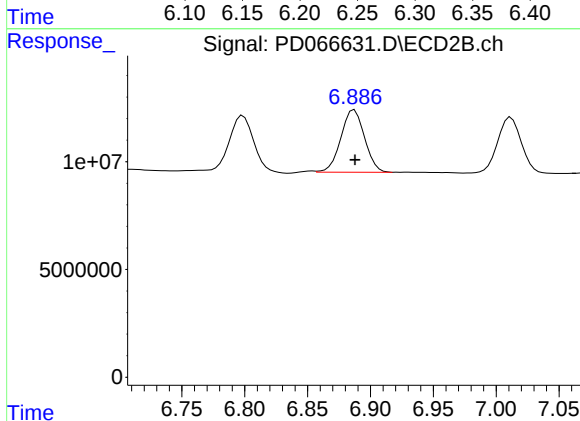
#15 Endosulfan II

R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 9371200
Conc: 4.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
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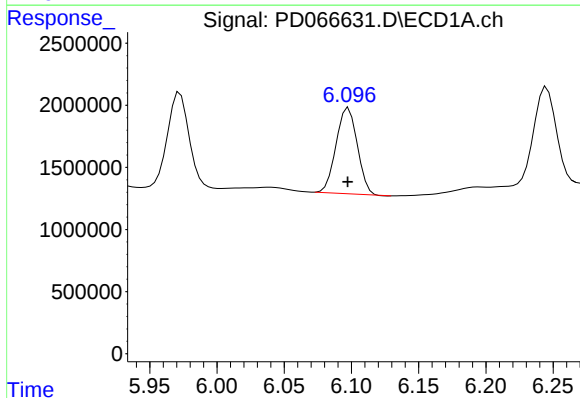
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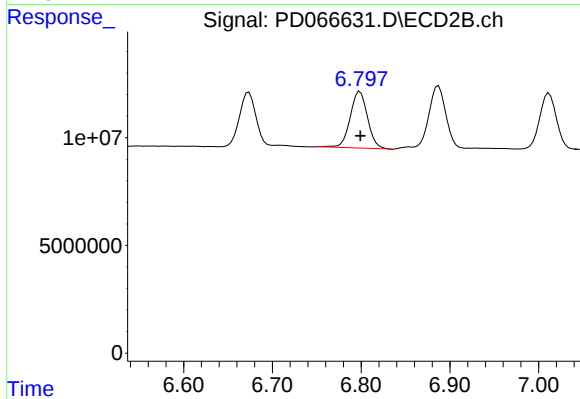
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: -0.002 min
Response: 38103665
Conc: 5.40 ng/ml m



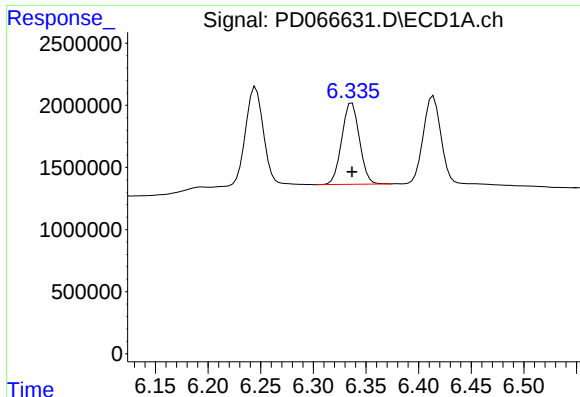
#16 4,4'-DDD

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 7587321
Conc: 4.05 ng/ml



#16 4,4'-DDD

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 35785175
Conc: 5.27 ng/ml



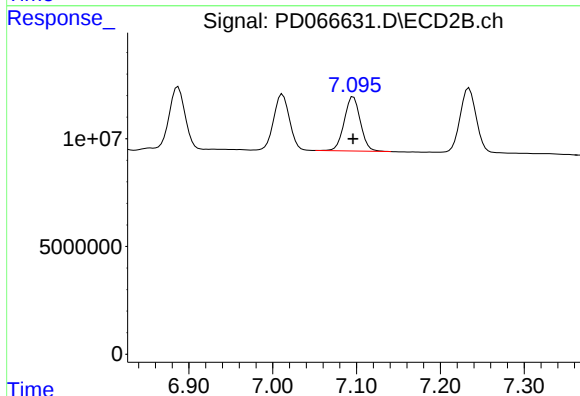
#17 4,4'-DDT

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 7656163
Conc: 3.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2021

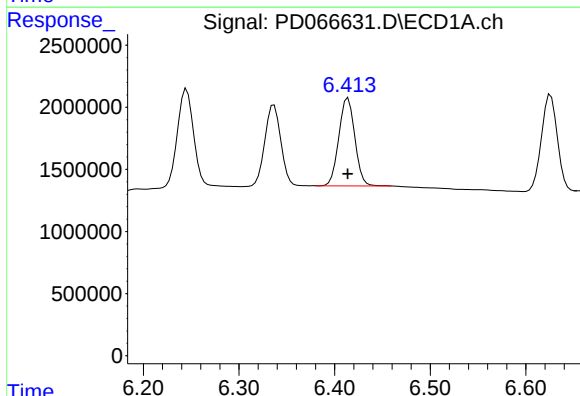
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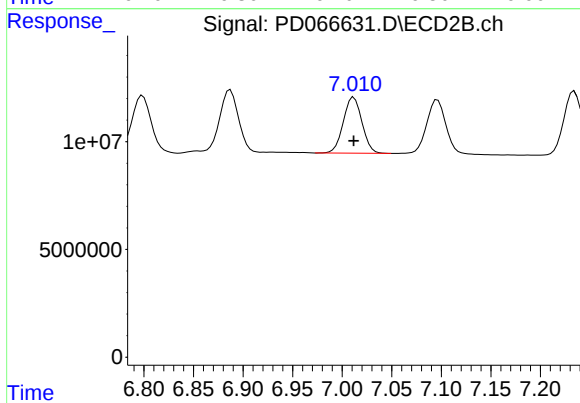
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 33768477
Conc: 4.66 ng/ml



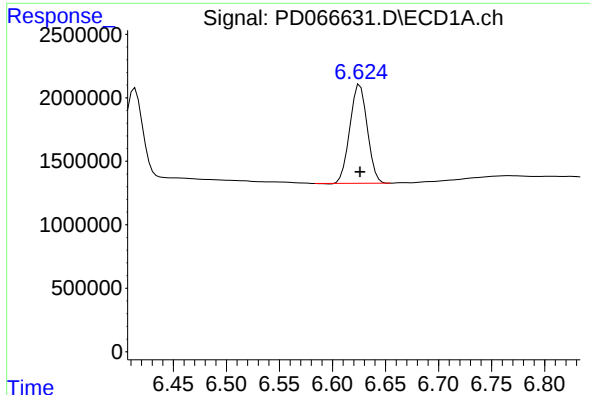
#18 Endrin aldehyde

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 8231358
Conc: 5.33 ng/ml



#18 Endrin aldehyde

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 34016226
Conc: 5.98 ng/ml



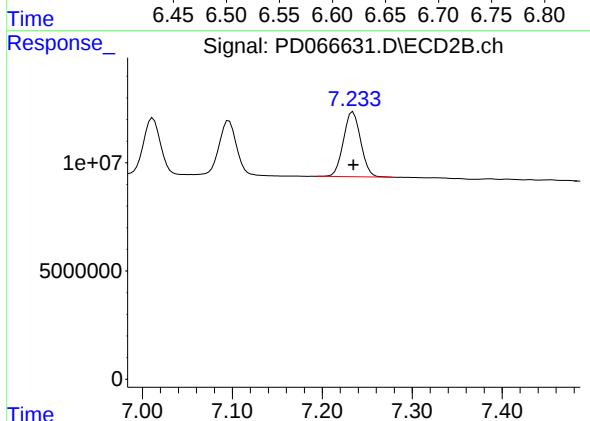
#19 Endosulfan Sulfate

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 8886019
Conc: 4.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2021

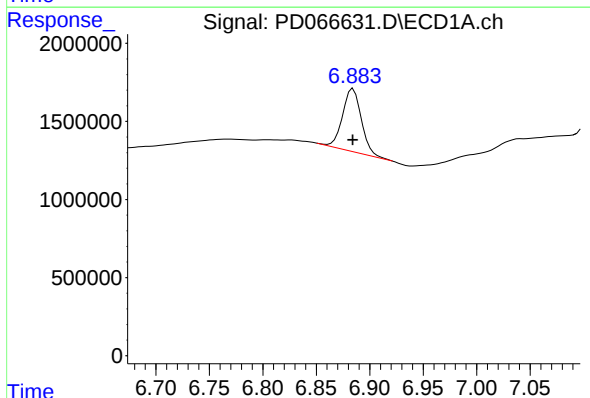
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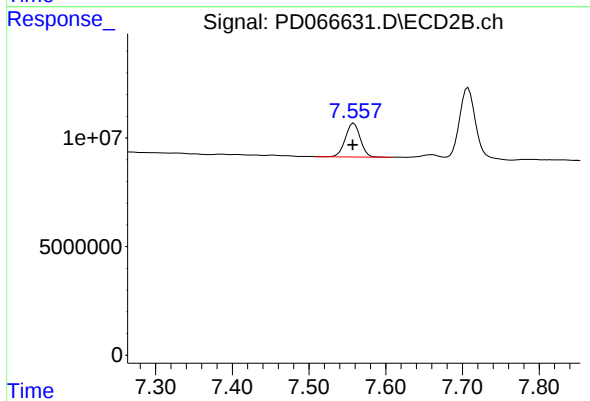
#19 Endosulfan Sulfate

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 40056907
Conc: 5.52 ng/ml



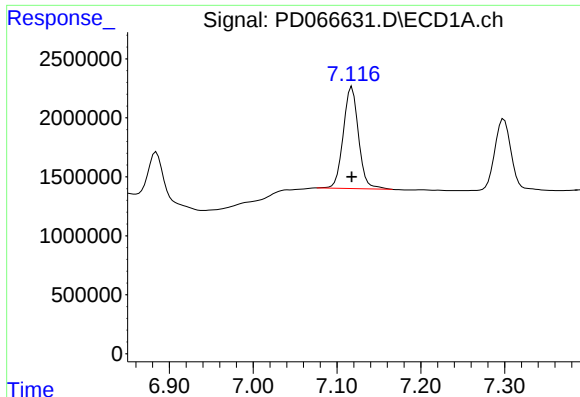
#20 Methoxychlor

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 4858380
Conc: 4.70 ng/ml



#20 Methoxychlor

R.T.: 7.558 min
Delta R.T.: 0.001 min
Response: 21087751
Conc: 5.18 ng/ml



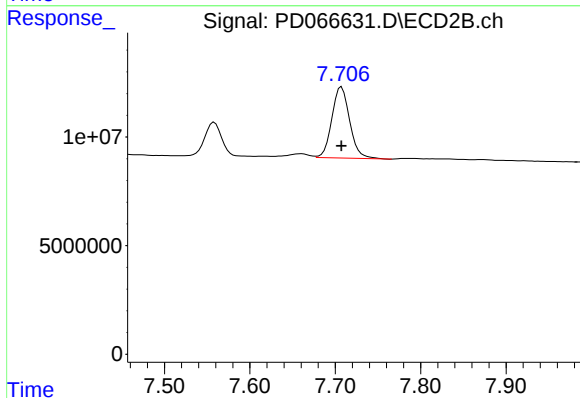
#21 Endrin ketone

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 10916183
Conc: 5.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2021

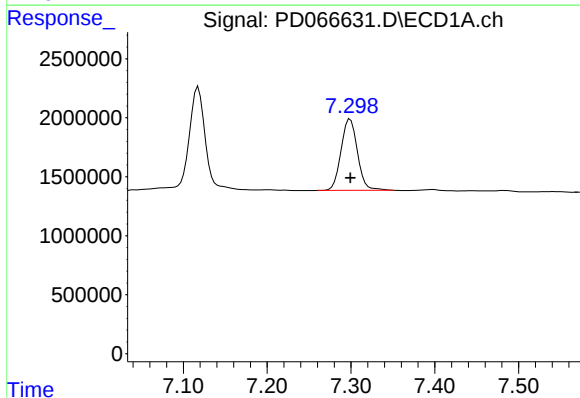
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2021
Supervised By :mohammad ahmed 11/01/2021



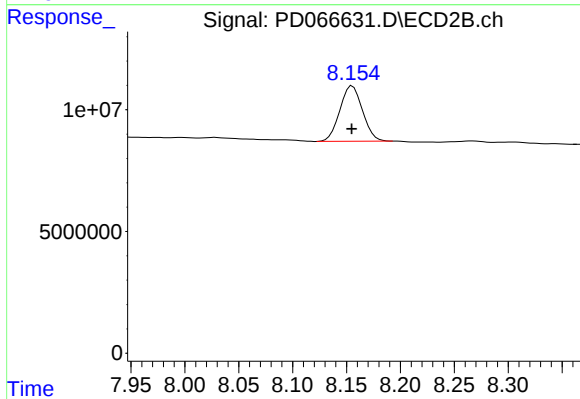
#21 Endrin ketone

R.T.: 7.707 min
Delta R.T.: 0.000 min
Response: 47579275
Conc: 5.66 ng/ml



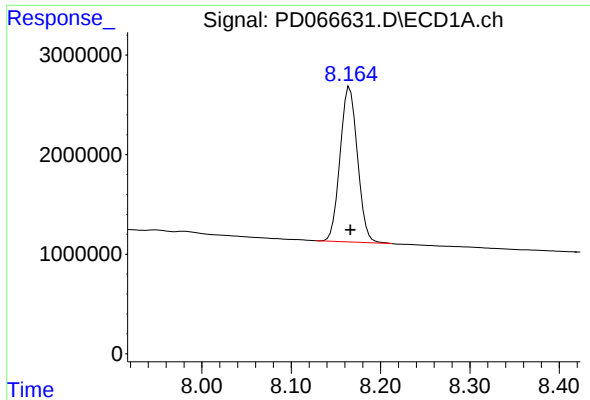
#22 Mirex

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 8267916
Conc: 5.32 ng/ml



#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 33340544
Conc: 5.64 ng/ml



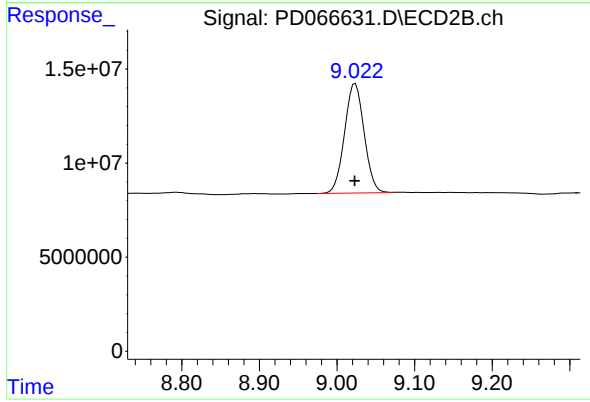
#28 Decachlorobiphenyl

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 21048501
Conc: 18.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 101955446
Conc: 18.93 ng/ml