

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
 Data File : PD079146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 14:27
 Operator : AR\AJ
 Sample : 04699-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/26/2023
 Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 01:36:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.570	2.806	28068082	41531599	17.384	17.938
28)	SA Decachlor...	9.116	7.955	35642376	46550774	17.768	19.098
Target Compounds							
2)	A alpha-BHC	4.027	3.309	5677262	7587117	2.133	2.188
3)	MA gamma-BHC...	4.360	3.640	5557088	7590077	2.138	2.235
4)	MA Heptachlor	4.953	3.983	6774295	7492284	2.533	2.453
5)	MB Aldrin	5.297	4.264	6234638	7477188	2.420	2.286
6)	B beta-BHC	4.553	3.933	2890882	3613755	2.698	2.565m
7)	B delta-BHC	4.801	4.166	8262171	7332471	3.086m	2.190 #
8)	B Heptachlo...	5.723	4.766	6274004	7407468	2.677	2.499
9)	A Endosulfan I	6.110	5.136	5835677	6582317	2.692	2.486
10)	B gamma-Chl...	5.978	5.016	5973208	7114541	2.605m	2.479
11)	B alpha-Chl...	6.059	5.080	6091443	7096330	2.671	2.473
12)	B 4,4'-DDE	6.229	5.270	5135645	6296855	2.430	2.365
13)	MA Dieldrin	6.385	5.401	5636785	7040794	2.420	2.371
14)	MA Endrin	6.616	5.676	4839372	6919984	2.485	2.704
15)	B Endosulfa...	6.833	5.969	5091034	6123117	2.496	2.453
16)	A 4,4'-DDD	6.745	5.823	4221869	5477065	2.402m	2.398
17)	MA 4,4'-DDT	7.062	6.075	4161770	5254999	2.198	2.295
18)	B Endrin al...	6.962	6.148	3729153	4681054	2.415m	2.518
19)	B Endosulfa...	7.198	6.371	4866999	6116622	2.448	2.620
20)	A Methoxychlor	7.536	6.650	2666314	3428191	2.433	2.525
21)	B Endrin ke...	7.684	6.877	5197787	6563885	2.384	2.348
22)	Mirex	8.160	7.063	4695557	5821965	2.774	2.725

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
 Data File : PD079146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 14:27
 Operator : AR\AJ
 Sample : 04699-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 10 Sample Multiplier: 1

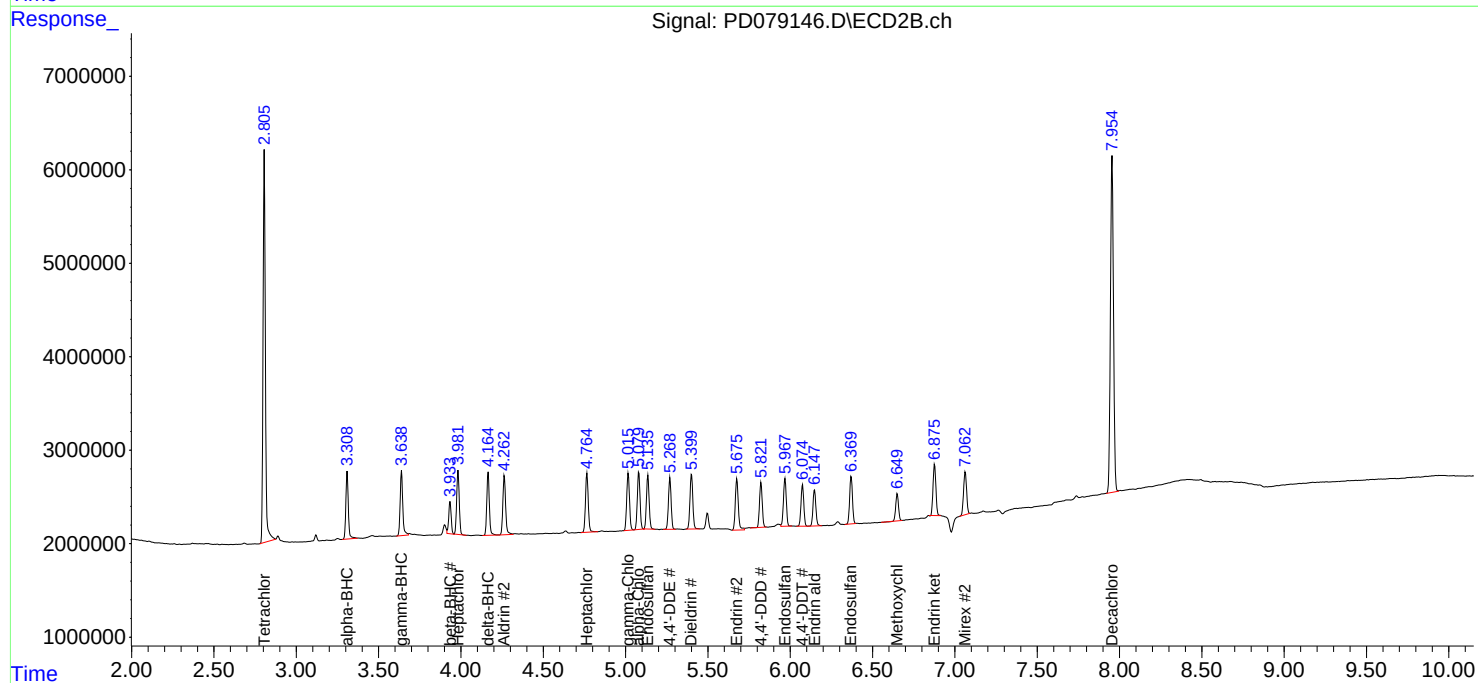
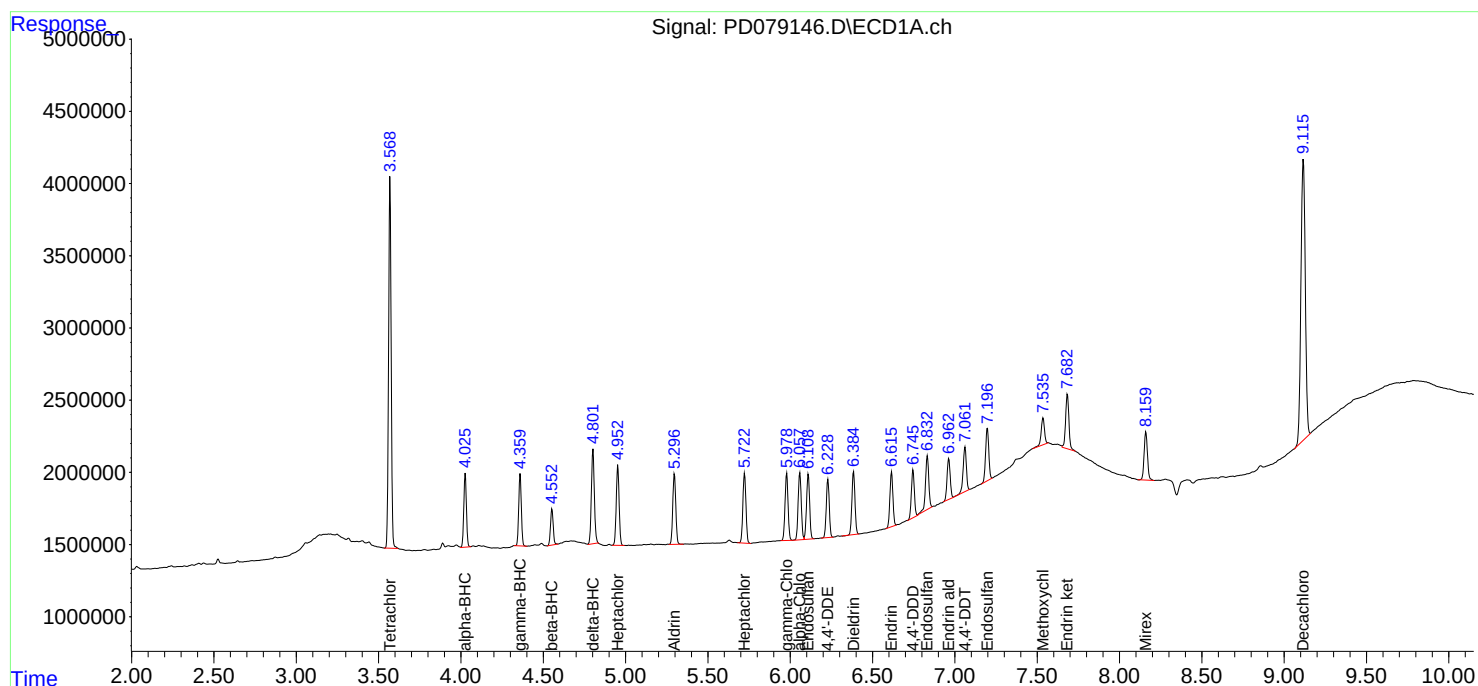
Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

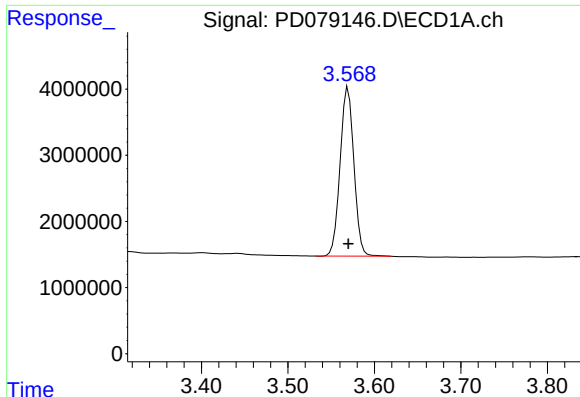
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 10/26/2023
 Supervised By : Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 01:36:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





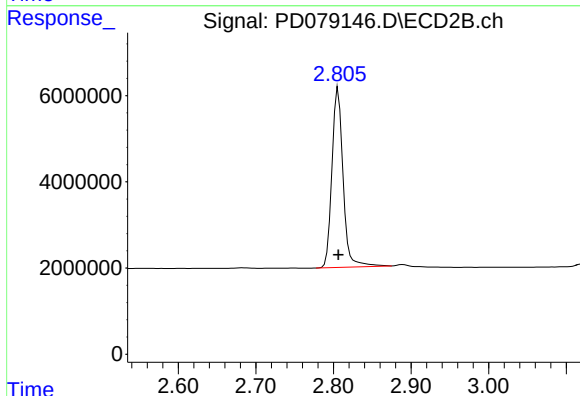
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 28068082
Conc: 17.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

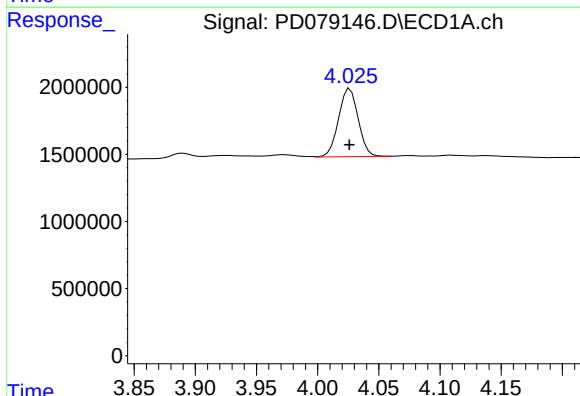
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



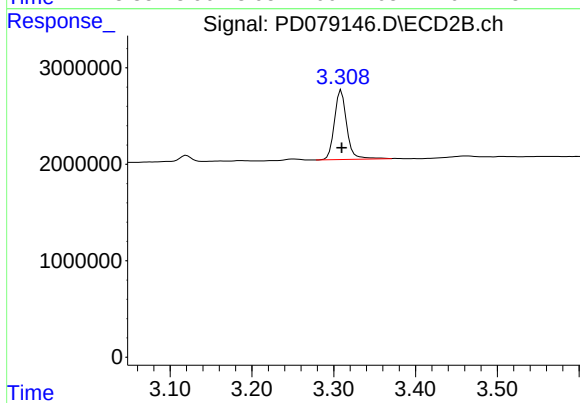
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 41531599
Conc: 17.94 ng/ml



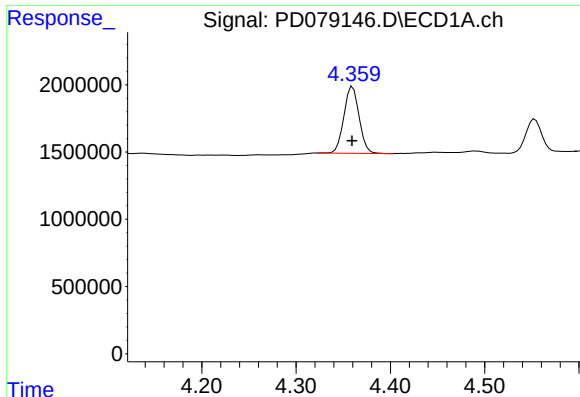
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 5677262
Conc: 2.13 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 7587117
Conc: 2.19 ng/ml



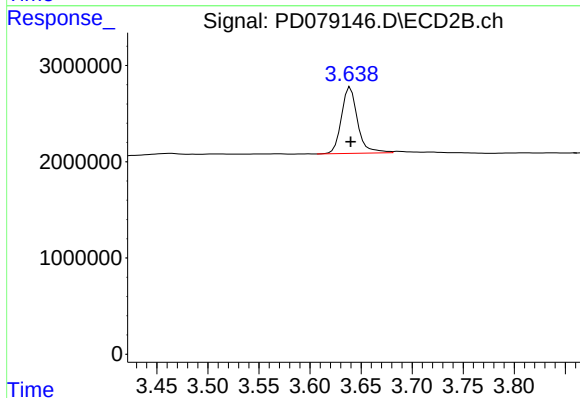
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 5557088
Conc: 2.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

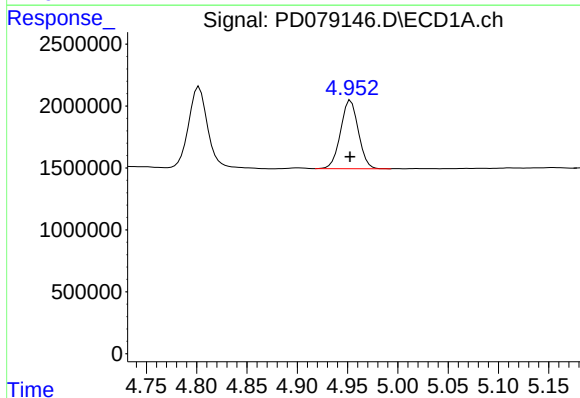
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



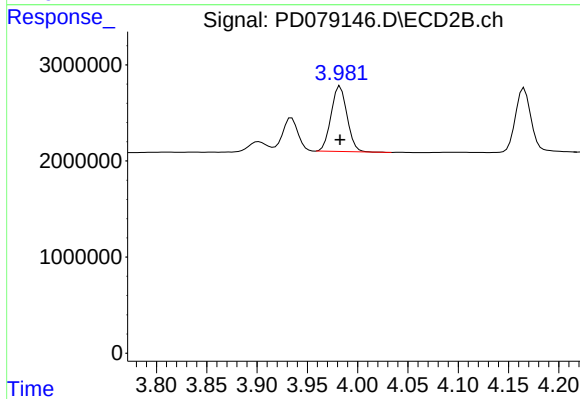
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 7590077
Conc: 2.24 ng/ml



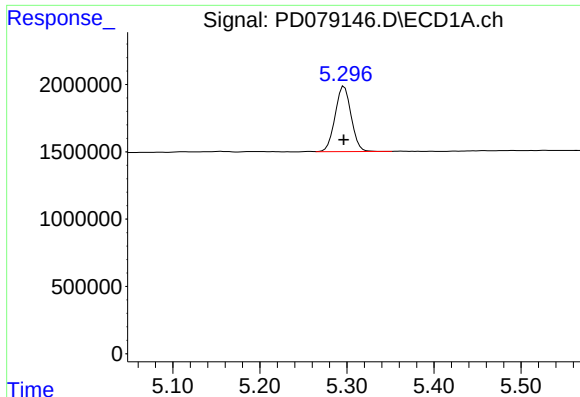
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 6774295
Conc: 2.53 ng/ml



#4 Heptachlor

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 7492284
Conc: 2.45 ng/ml



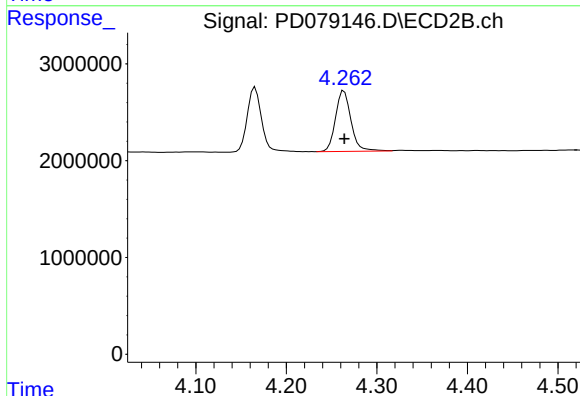
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 6234638
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

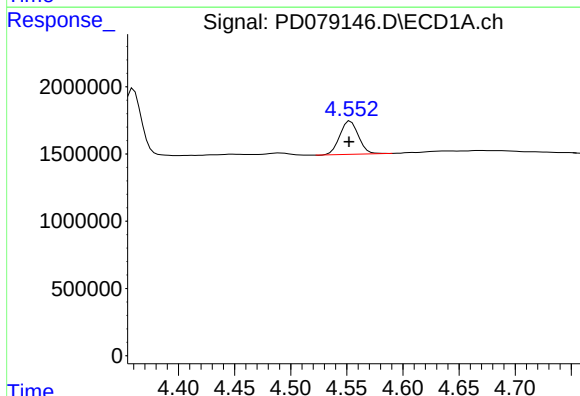
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



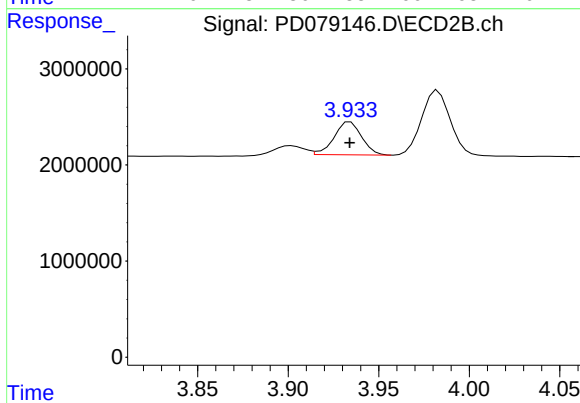
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 7477188
Conc: 2.29 ng/ml



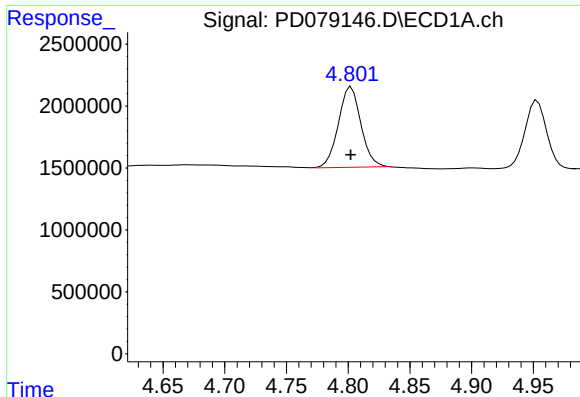
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.001 min
Response: 2890882
Conc: 2.70 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 3613755
Conc: 2.56 ng/ml m



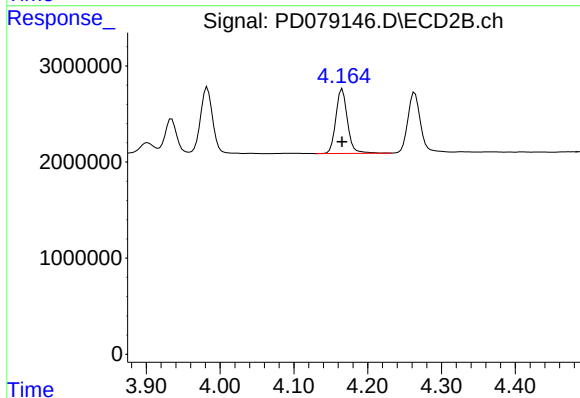
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 8262171
Conc: 3.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

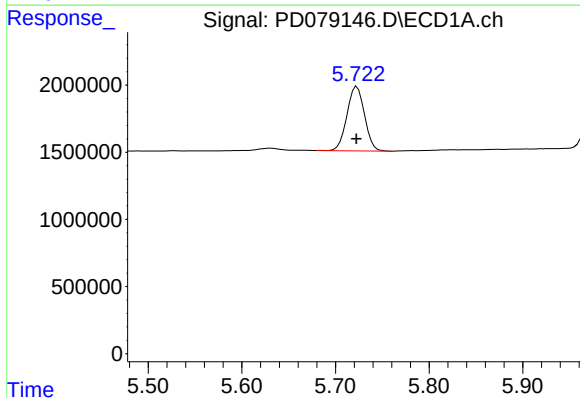
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



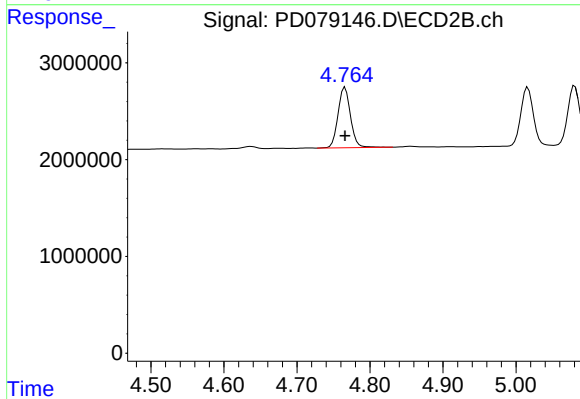
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 7332471
Conc: 2.19 ng/ml



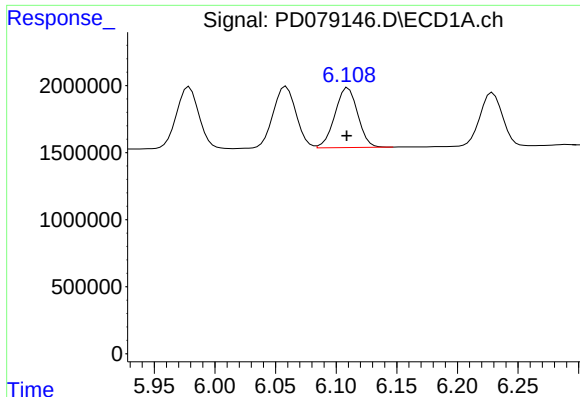
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 6274004
Conc: 2.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 7407468
Conc: 2.50 ng/ml



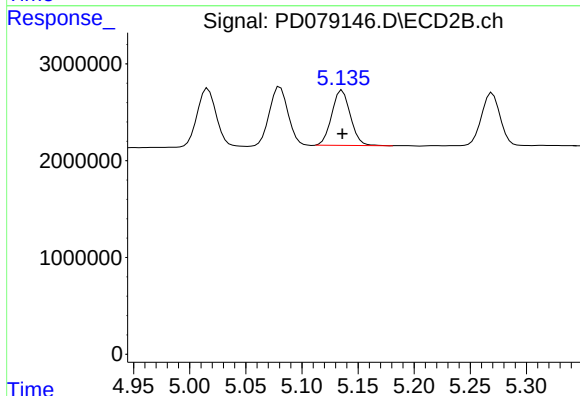
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 5835677
Conc: 2.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

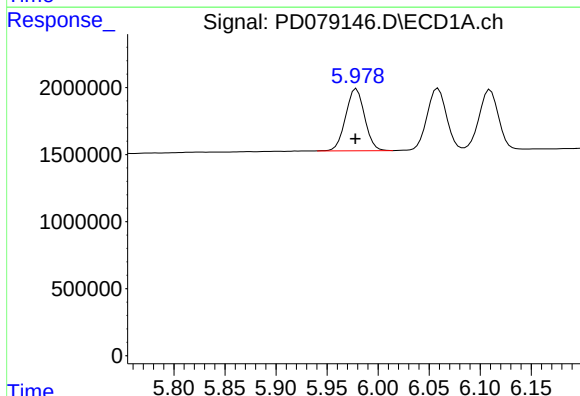
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



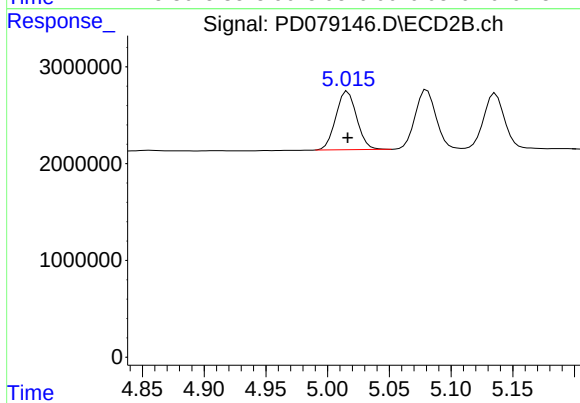
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 6582317
Conc: 2.49 ng/ml



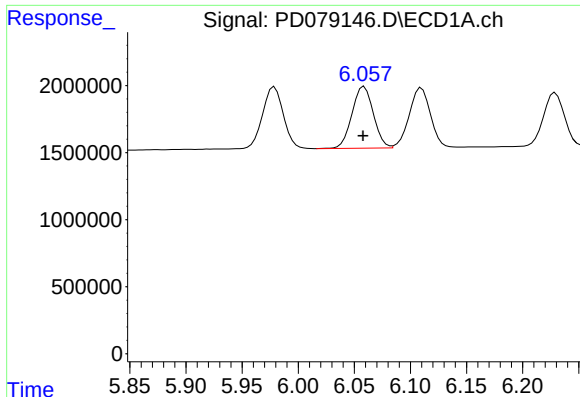
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 5973208
Conc: 2.61 ng/ml m



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 7114541
Conc: 2.48 ng/ml



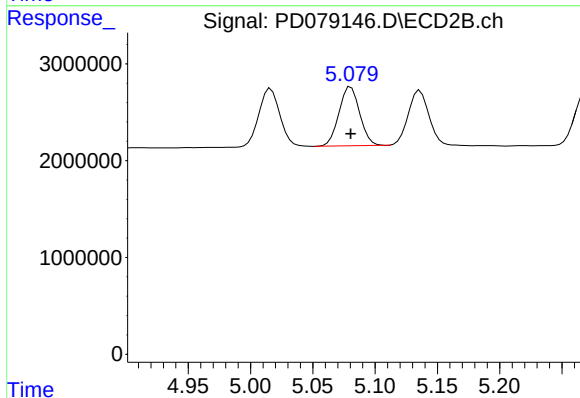
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 6091443
Conc: 2.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

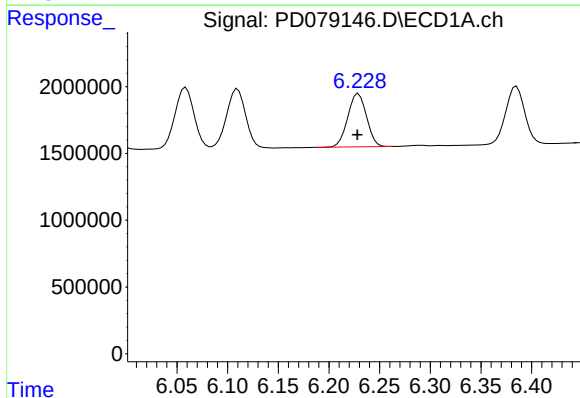
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



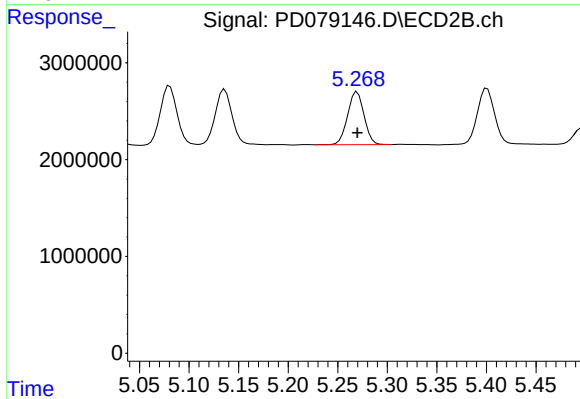
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 7096330
Conc: 2.47 ng/ml



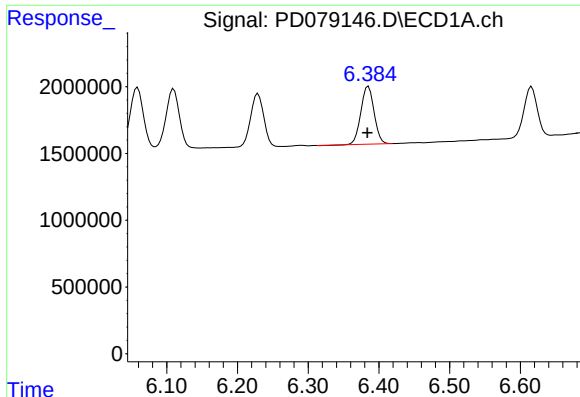
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 5135645
Conc: 2.43 ng/ml



#12 4,4'-DDE

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 6296855
Conc: 2.37 ng/ml



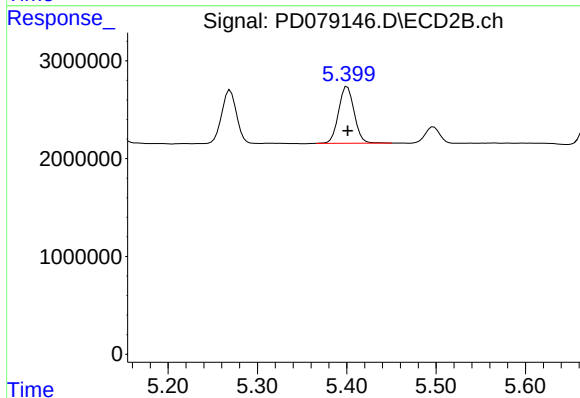
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 5636785
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

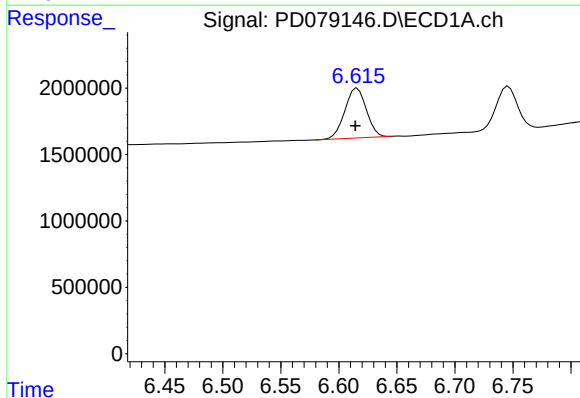
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



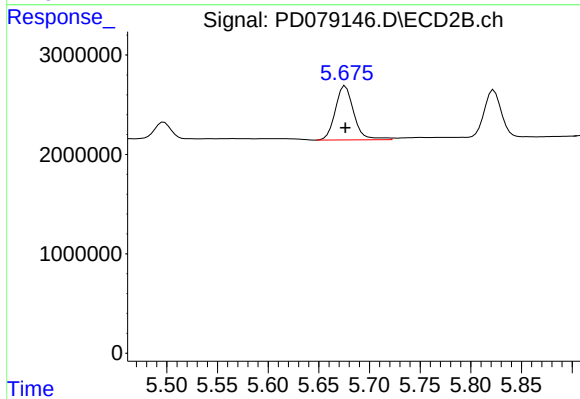
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 7040794
Conc: 2.37 ng/ml



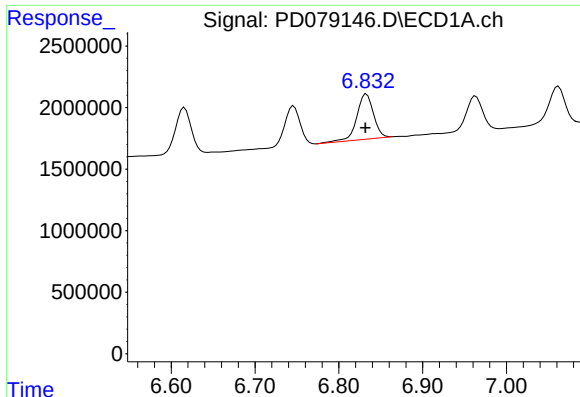
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 4839372
Conc: 2.48 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 6919984
Conc: 2.70 ng/ml



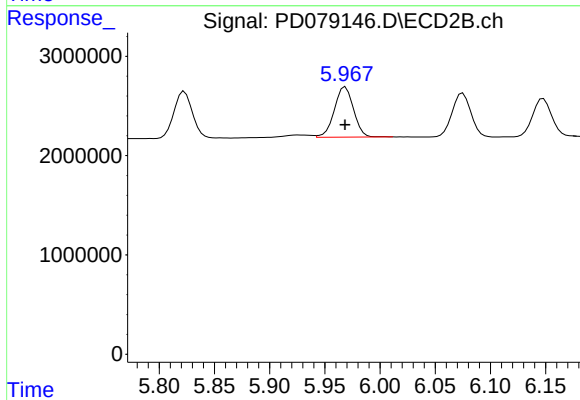
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.001 min
Response: 5091034
Conc: 2.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

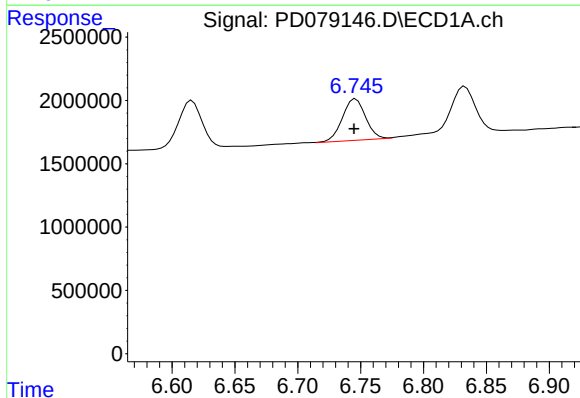
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



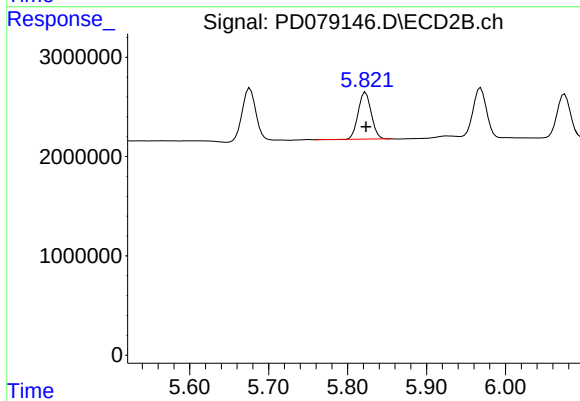
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 6123117
Conc: 2.45 ng/ml



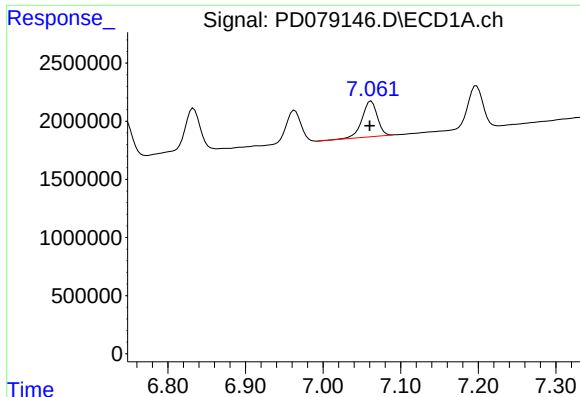
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 4221869
Conc: 2.40 ng/ml m



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 5477065
Conc: 2.40 ng/ml



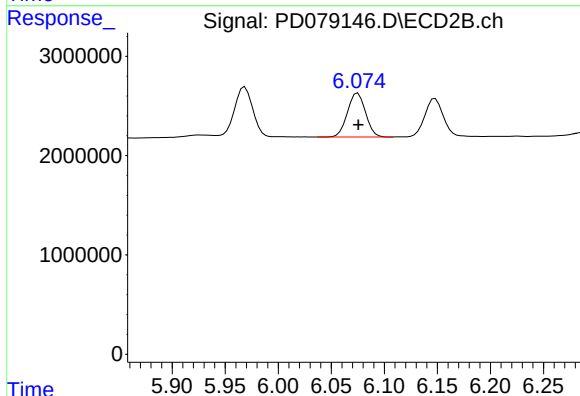
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 4161770
Conc: 2.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

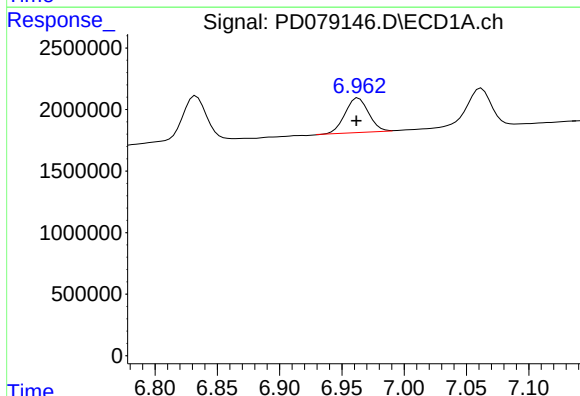
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



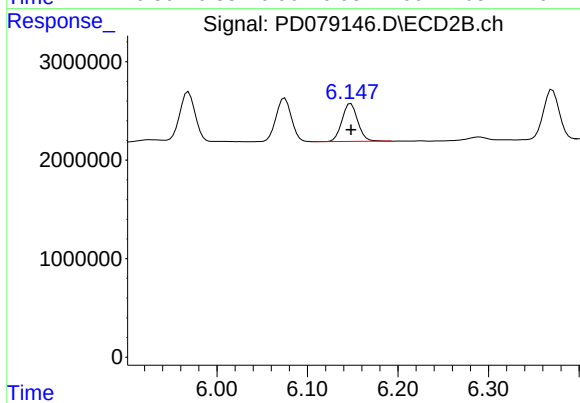
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 5254999
Conc: 2.30 ng/ml



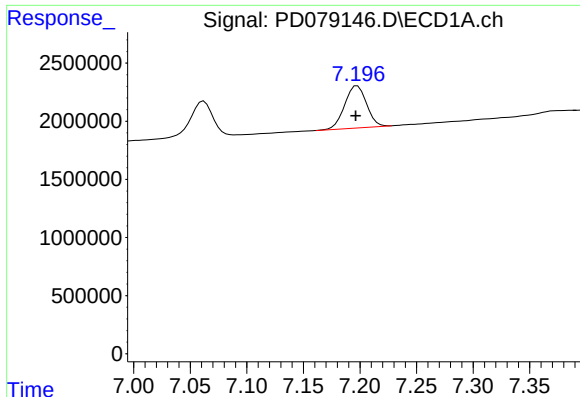
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 3729153
Conc: 2.41 ng/ml m



#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 4681054
Conc: 2.52 ng/ml



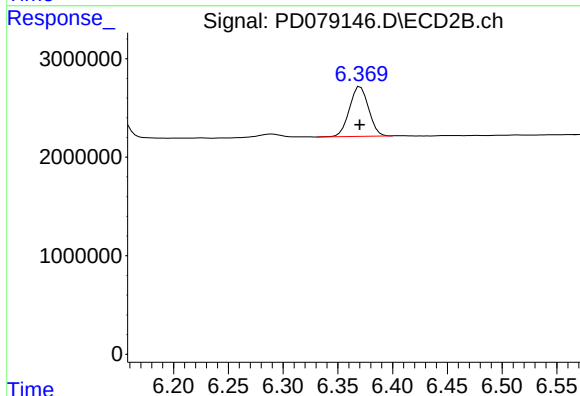
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.002 min
Response: 4866999
Conc: 2.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

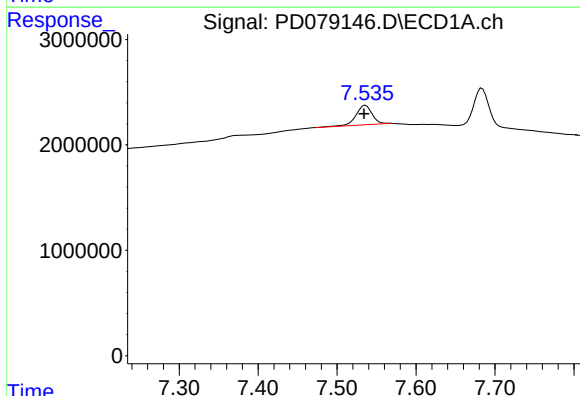
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



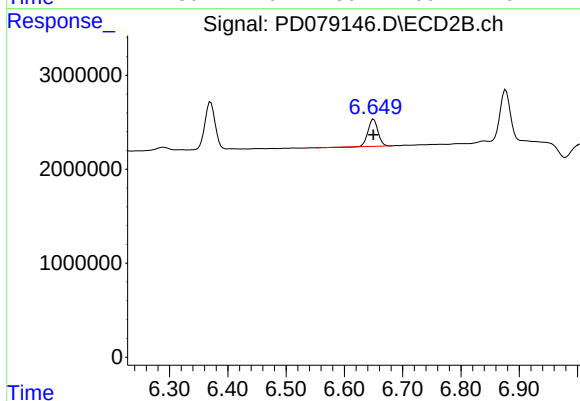
#19 Endosulfan Sulfate

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 6116622
Conc: 2.62 ng/ml



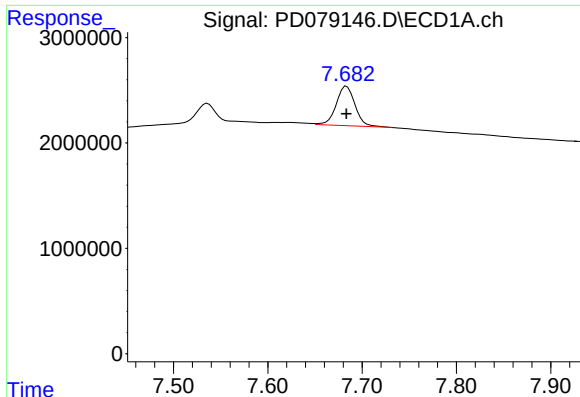
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: 0.002 min
Response: 2666314
Conc: 2.43 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 3428191
Conc: 2.53 ng/ml



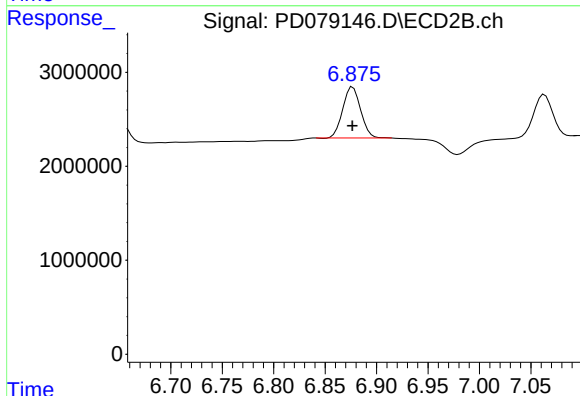
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 5197787
Conc: 2.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

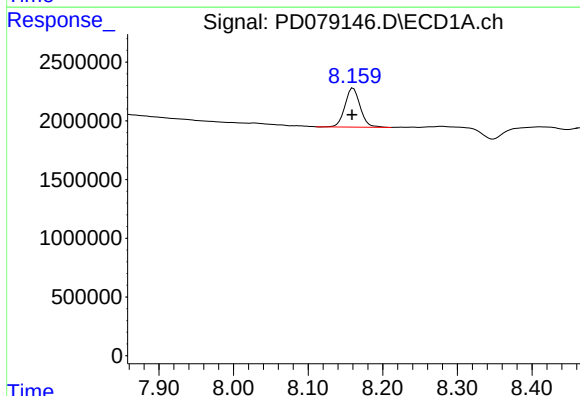
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



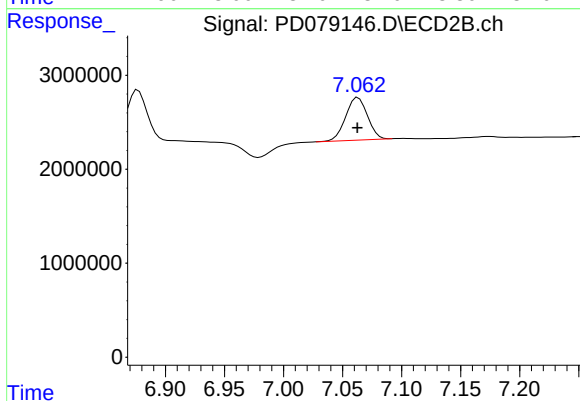
#21 Endrin ketone

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 6563885
Conc: 2.35 ng/ml



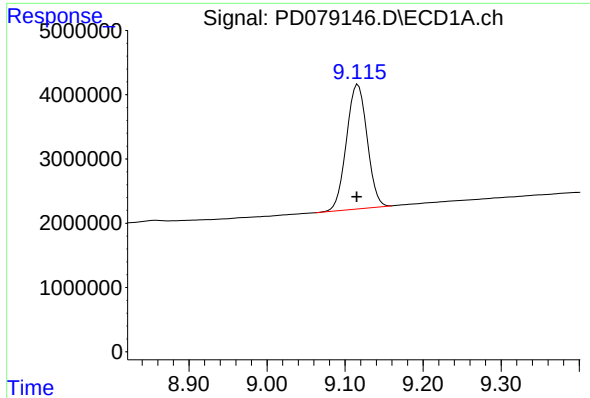
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.002 min
Response: 4695557
Conc: 2.77 ng/ml



#22 Mirex

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 5821965
Conc: 2.73 ng/ml



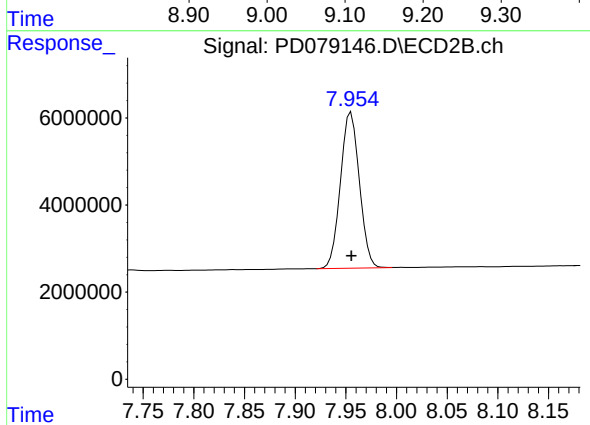
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.002 min
Response: 35642376
Conc: 17.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 46550774
Conc: 19.10 ng/ml