

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
 Data File : PD079144.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 14:00
 Operator : AR\AJ
 Sample : 04699-07
 Misc : PEST LOD 1PPB
 ALS Vial : 8 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 01:36:14 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	27687002	41007690	17.148	17.712
28)	SA Decachlor...	9.117	7.956	33988227	45504428	16.943	18.669
Target Compounds							
2)	A alpha-BHC	4.026	3.309	2642938	3437470	0.993	0.991
3)	MA gamma-BHC...	4.360	3.640	2491119	3741431	0.959	1.102
4)	MA Heptachlor	4.953	3.983	3145329	3427938	1.176	1.122
5)	MB Aldrin	5.297	4.264	2842201	3468170	1.103	1.060
6)	B beta-BHC	4.553	3.933	1298190	1758116	1.211	1.248m
7)	B delta-BHC	4.802	4.166	4929726	3482864	1.841	1.040 #
8)	B Heptachlo...	5.723	4.766	2965463	3379407	1.265	1.140
9)	A Endosulfan I	6.110	5.137	2760007	2992171	1.273	1.130
10)	B gamma-Chl...	5.978	5.017	2637587	3272379	1.150m	1.140
11)	B alpha-Chl...	6.058	5.081	2746721	3282172	1.205m	1.144
12)	B 4,4'-DDE	6.229	5.270	2313659	2899047	1.095	1.089
13)	MA Dieldrin	6.385	5.401	2551487	3157026	1.096	1.063
14)	MA Endrin	6.616	5.677	2140539	2937157	1.099	1.148
15)	B Endosulfa...	6.832	5.969	1799695	2877596	0.882m	1.153 #
16)	A 4,4'-DDD	6.745	5.824	1817501	2444613	1.034m	1.070
17)	MA 4,4'-DDT	7.062	6.075	1804447	2238633	0.953	0.978
18)	B Endrin al...	6.963	6.148	1478302	2112995	0.957	1.136
19)	B Endosulfa...	7.197	6.371	2023093	2820243	1.018	1.208
20)	A Methoxychlor	7.535	6.651	1320012	1427964	1.205	1.052
21)	B Endrin ke...	7.684	6.878	2137005	3039123	0.980	1.087
22)	Mirex	8.160	7.063	2139510	2613633	1.264	1.223

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
Data File : PD079144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 14:00
Operator : AR\AJ
Sample : 04699-07
Misc : PEST LOD 1PPB
ALS Vial : 8 Sample Multiplier: 1

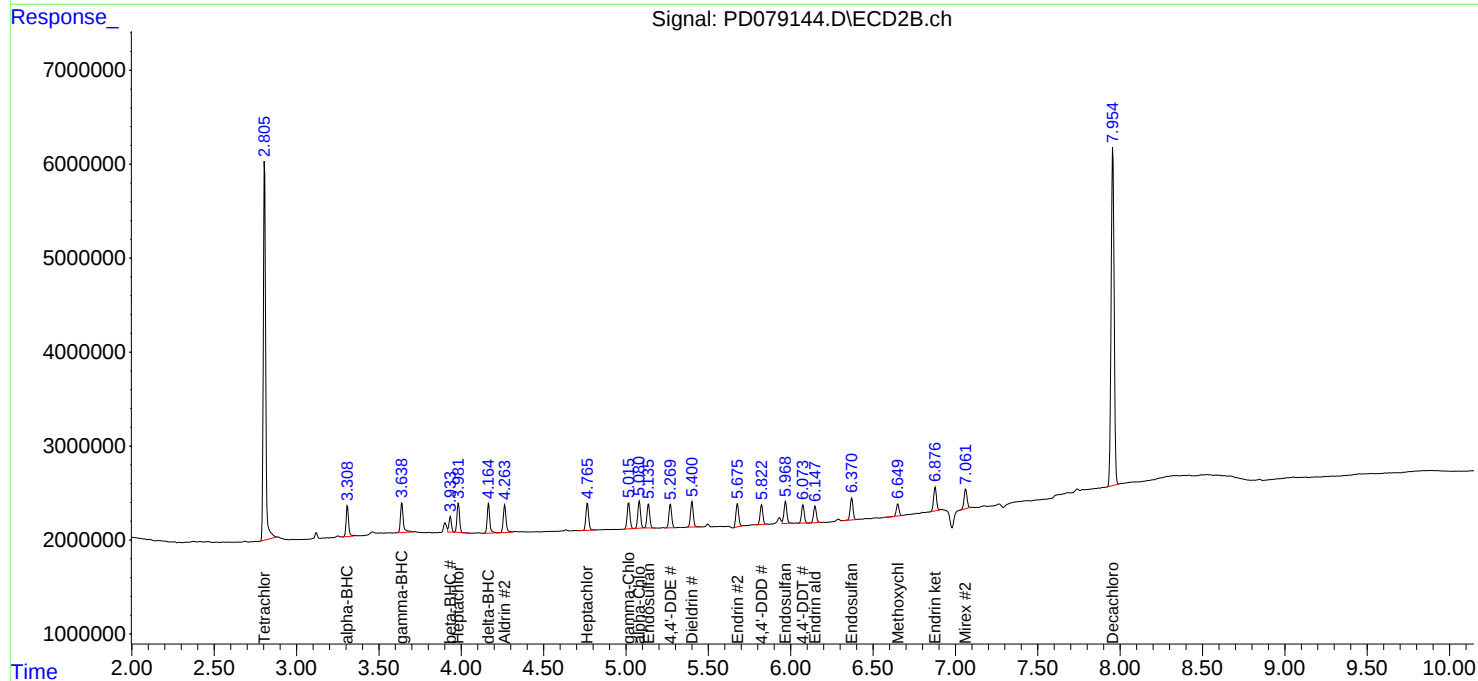
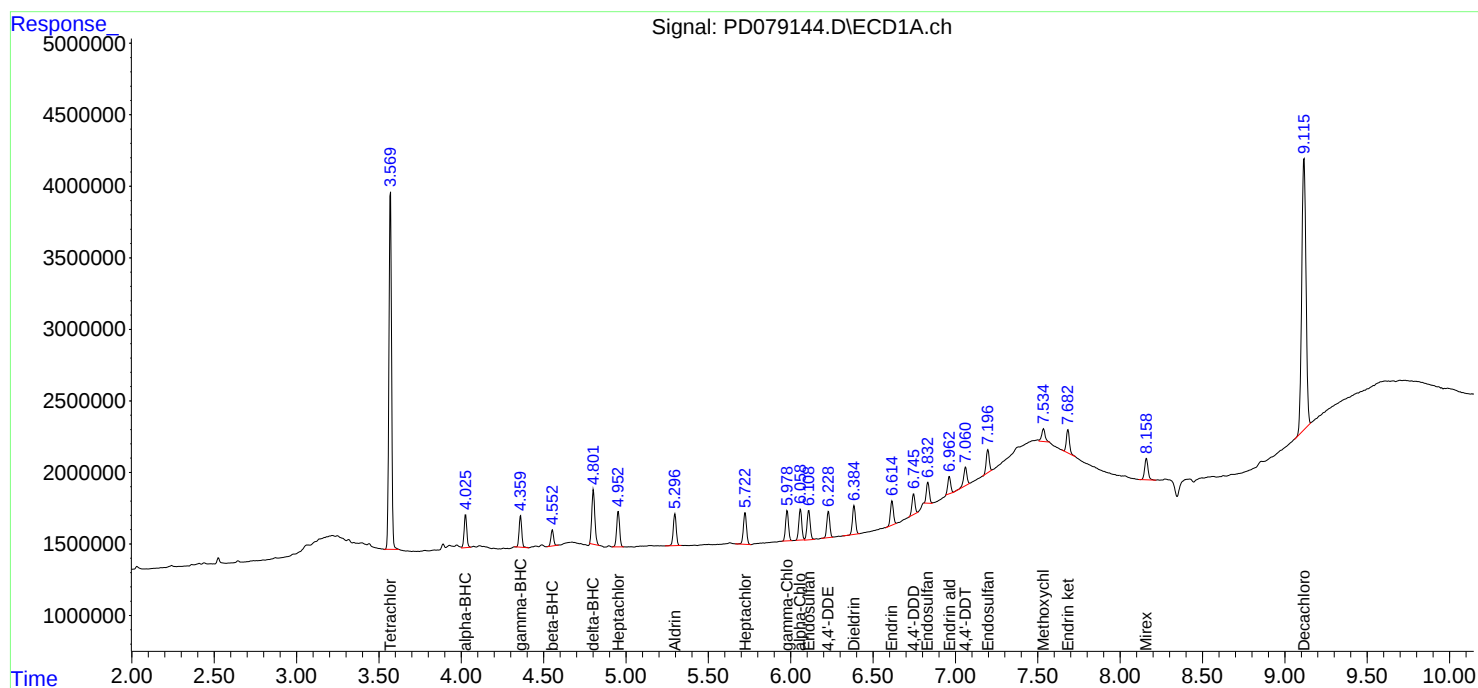
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

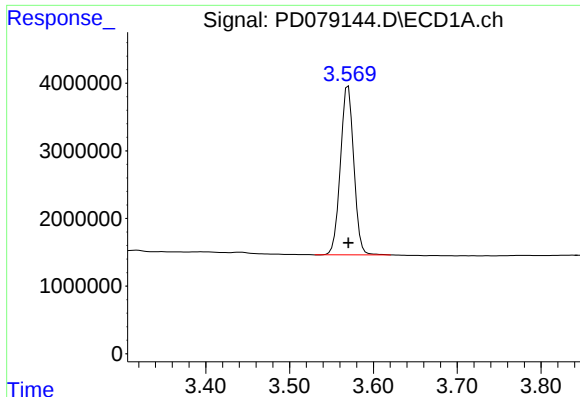
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Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 01:36:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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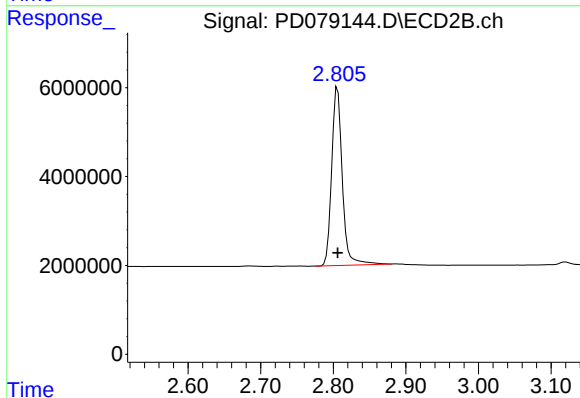
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 27687002
Conc: 17.15 ng/ml

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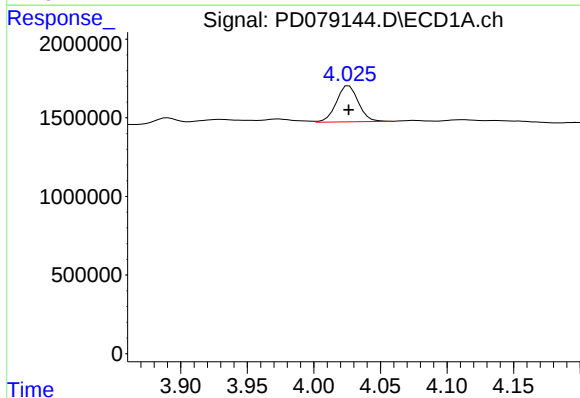
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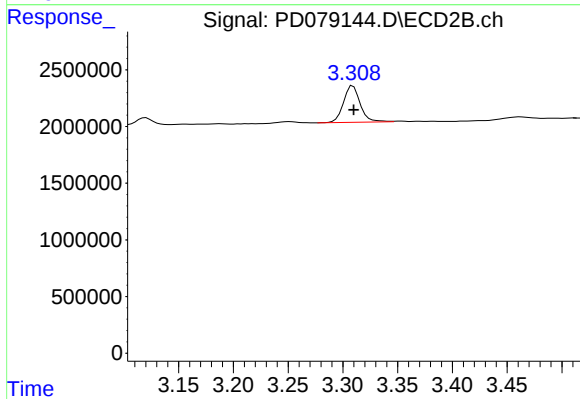
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 41007690
Conc: 17.71 ng/ml



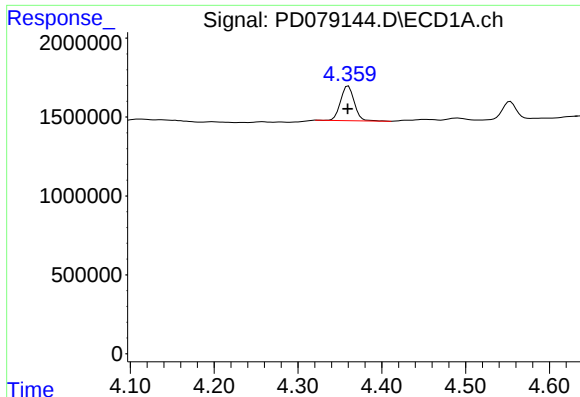
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 2642938
Conc: 0.99 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 3437470
Conc: 0.99 ng/ml



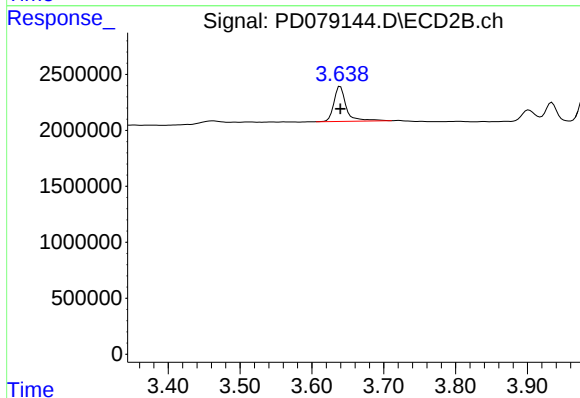
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 2491119
Conc: 0.96 ng/ml

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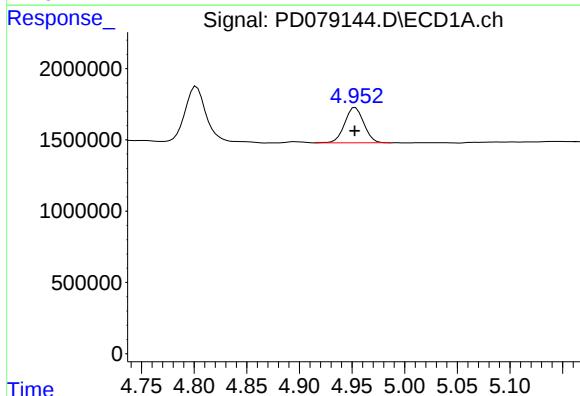
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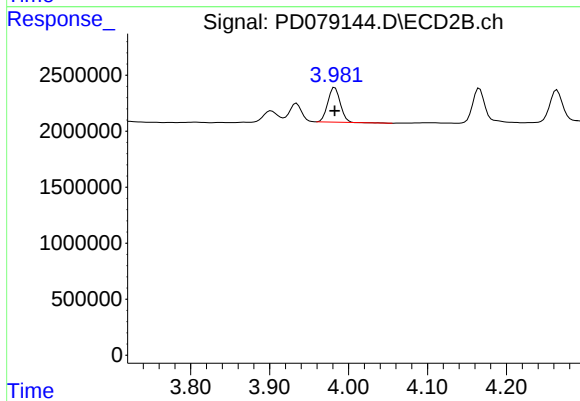
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 3741431
Conc: 1.10 ng/ml



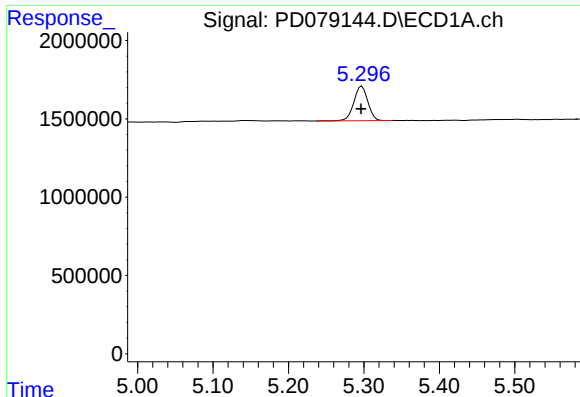
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 3145329
Conc: 1.18 ng/ml



#4 Heptachlor

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 3427938
Conc: 1.12 ng/ml



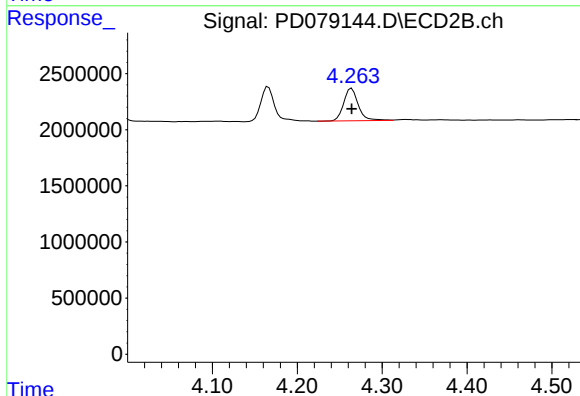
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.001 min
Response: 2842201
Conc: 1.10 ng/ml

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

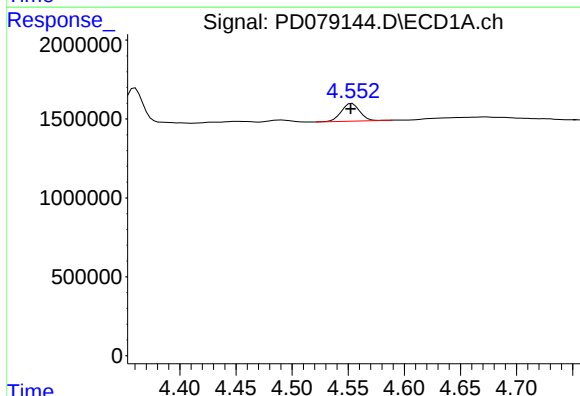
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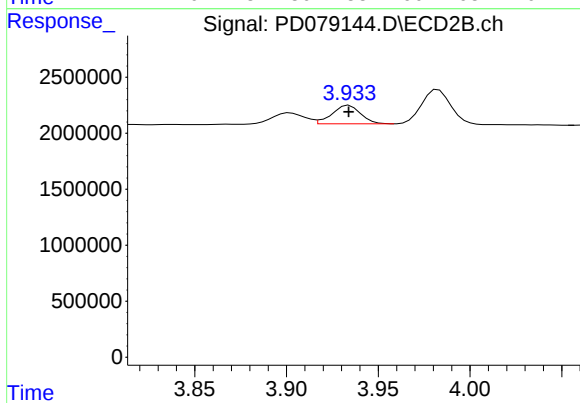
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 3468170
Conc: 1.06 ng/ml



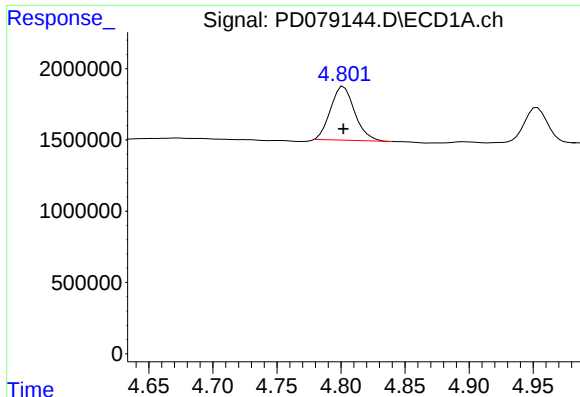
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.001 min
Response: 1298190
Conc: 1.21 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: -0.001 min
Response: 1758116
Conc: 1.25 ng/ml m



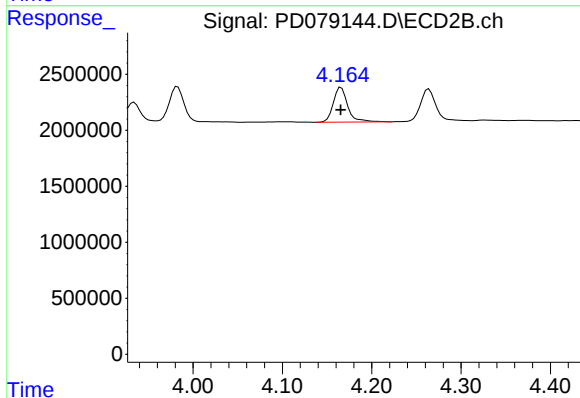
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 4929726
Conc: 1.84 ng/ml

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

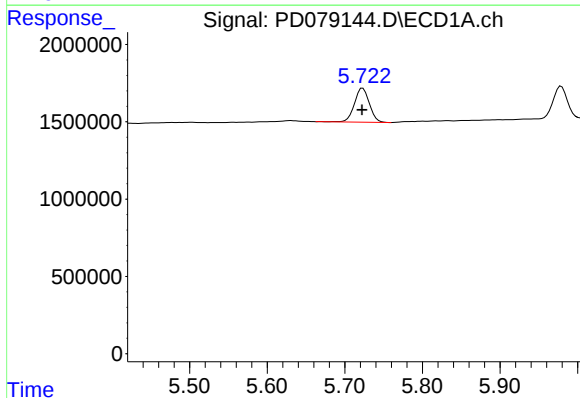
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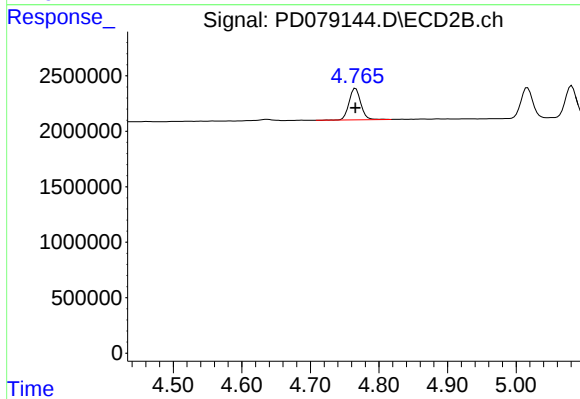
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 3482864
Conc: 1.04 ng/ml



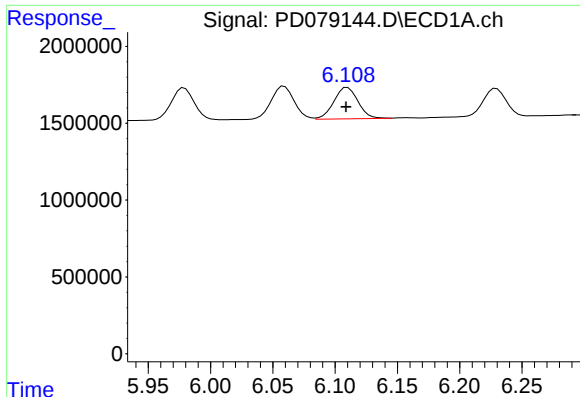
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.001 min
Response: 2965463
Conc: 1.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 3379407
Conc: 1.14 ng/ml



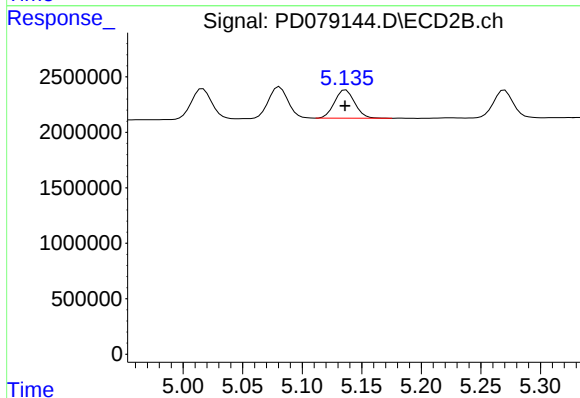
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 2760007
Conc: 1.27 ng/ml

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

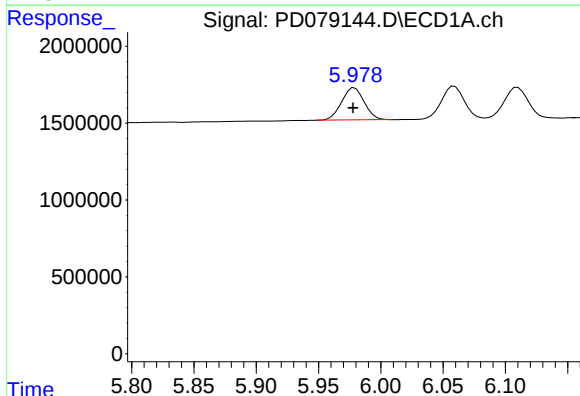
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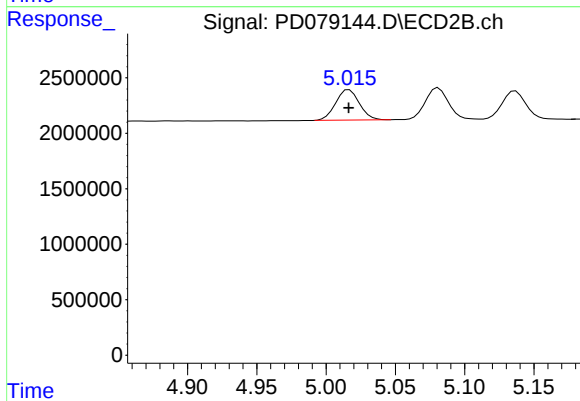
#9 Endosulfan I

R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 2992171
Conc: 1.13 ng/ml



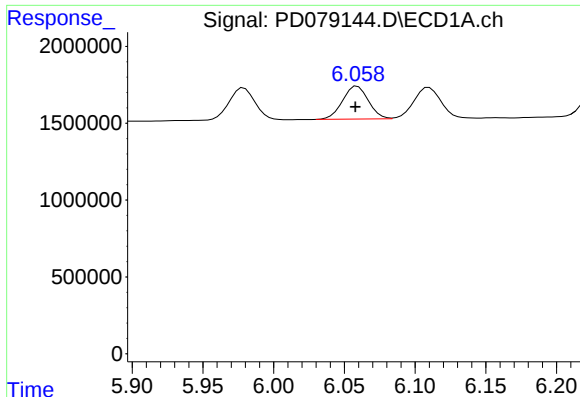
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 2637587
Conc: 1.15 ng/ml m



#10 gamma-Chlordane

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 3272379
Conc: 1.14 ng/ml



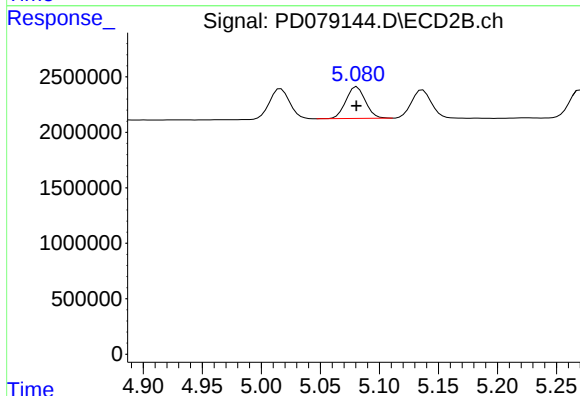
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 2746721
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
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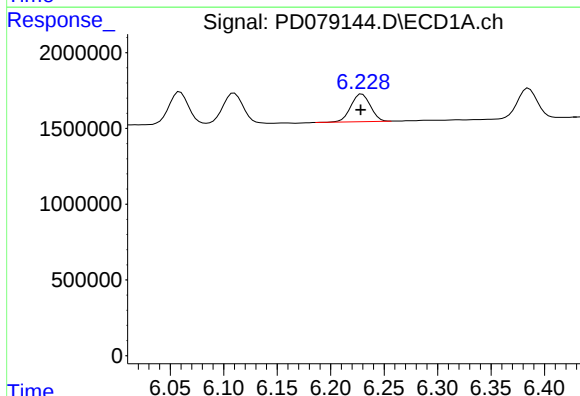
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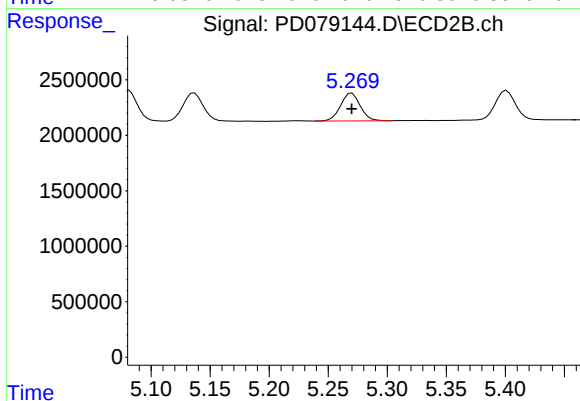
#11 alpha-Chlordane

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 3282172
Conc: 1.14 ng/ml



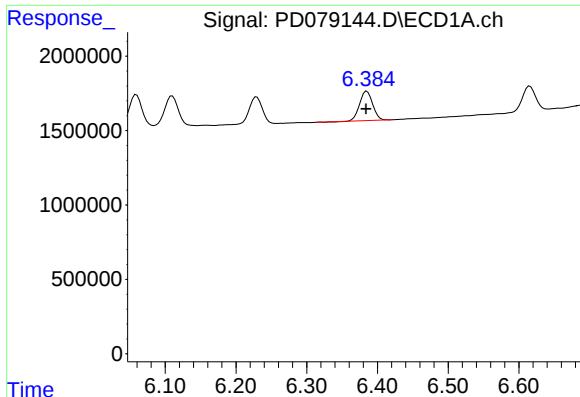
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 2313659
Conc: 1.09 ng/ml



#12 4,4'-DDE

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 2899047
Conc: 1.09 ng/ml



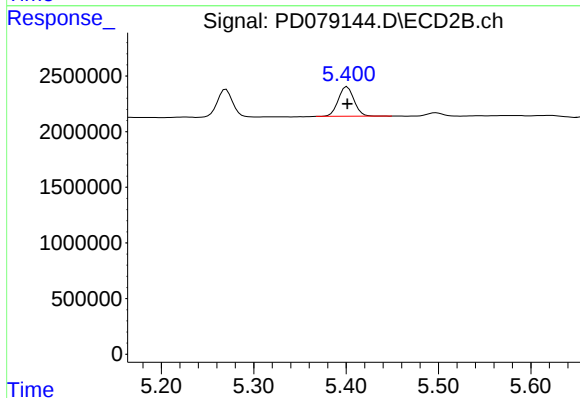
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 2551487
Conc: 1.10 ng/ml

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

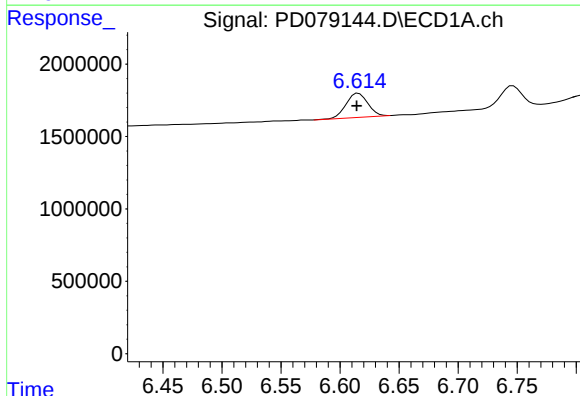
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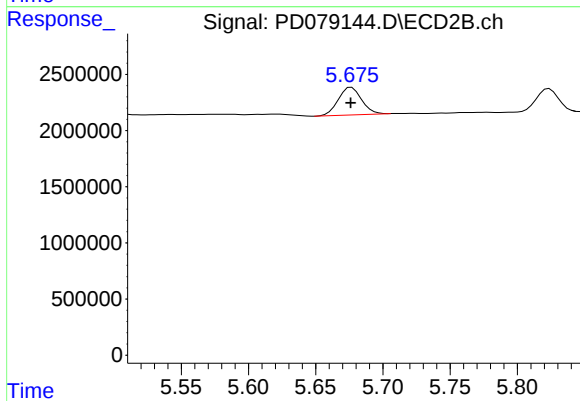
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 3157026
Conc: 1.06 ng/ml



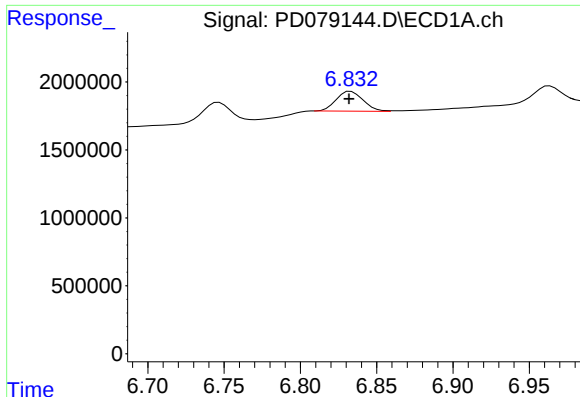
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 2140539
Conc: 1.10 ng/ml



#14 Endrin

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 2937157
Conc: 1.15 ng/ml



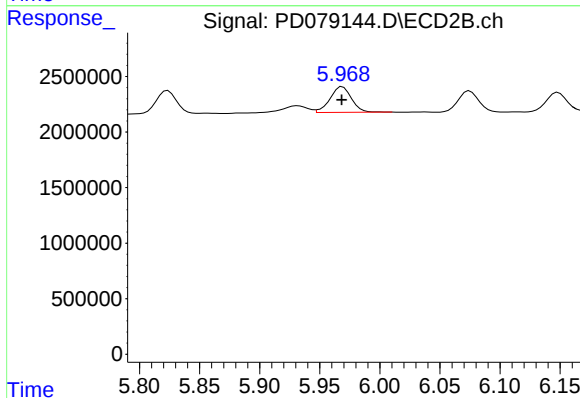
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 1799695
Conc: 0.88 ng/ml

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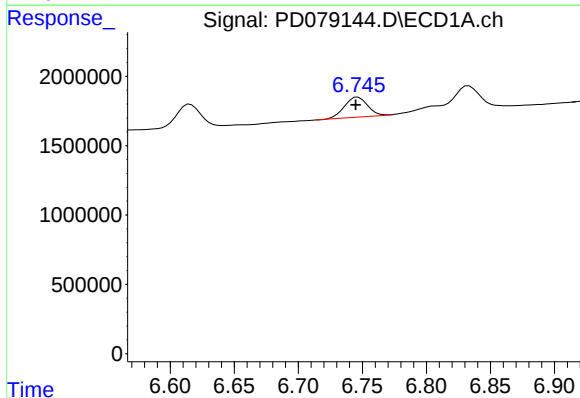
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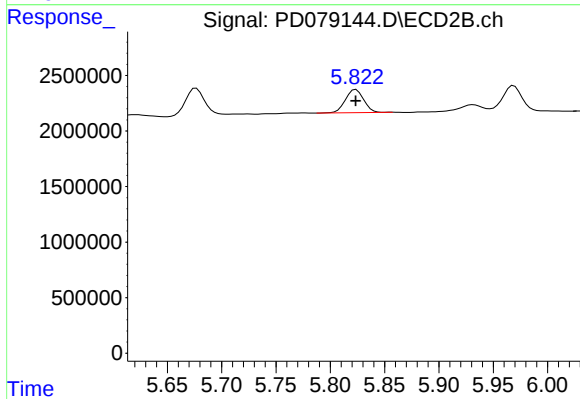
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 2877596
Conc: 1.15 ng/ml



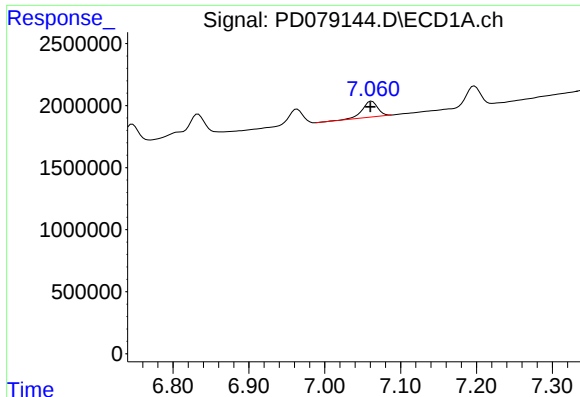
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 1817501
Conc: 1.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.824 min
Delta R.T.: 0.000 min
Response: 2444613
Conc: 1.07 ng/ml



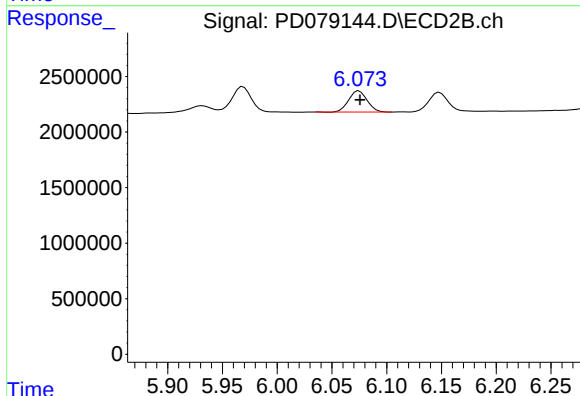
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 1804447
Conc: 0.95 ng/ml

Instrument :
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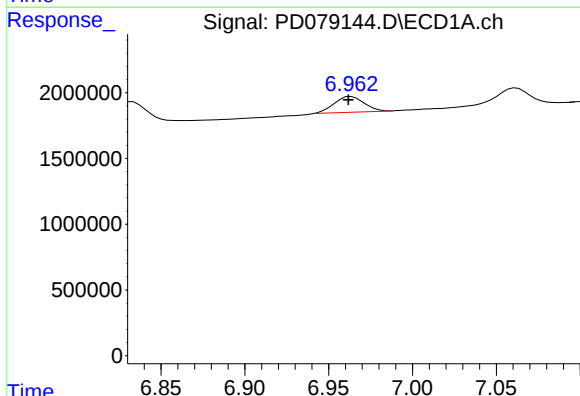
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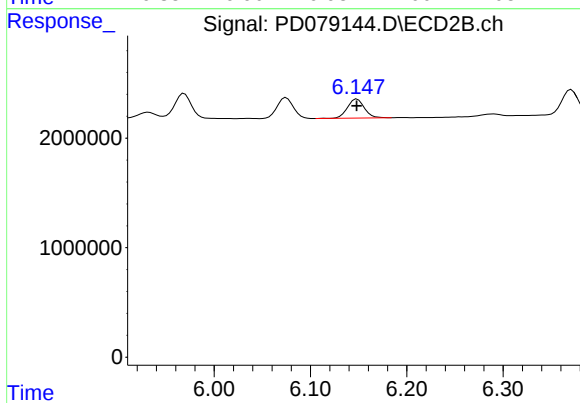
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 2238633
Conc: 0.98 ng/ml



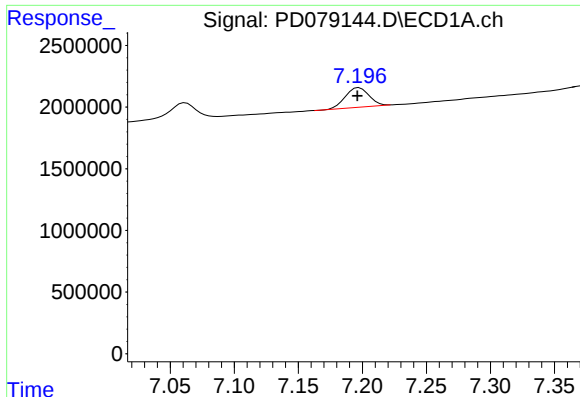
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.002 min
Response: 1478302
Conc: 0.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 2112995
Conc: 1.14 ng/ml



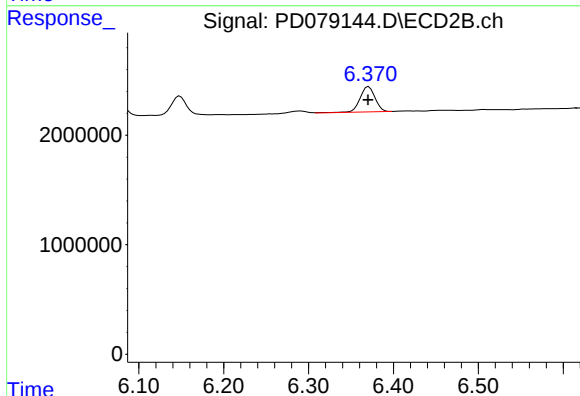
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.001 min
Response: 2023093
Conc: 1.02 ng/ml

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

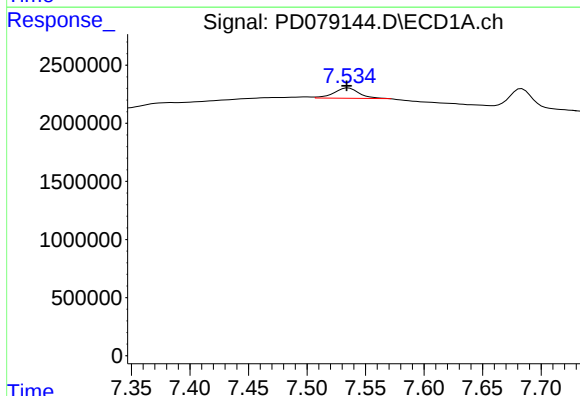
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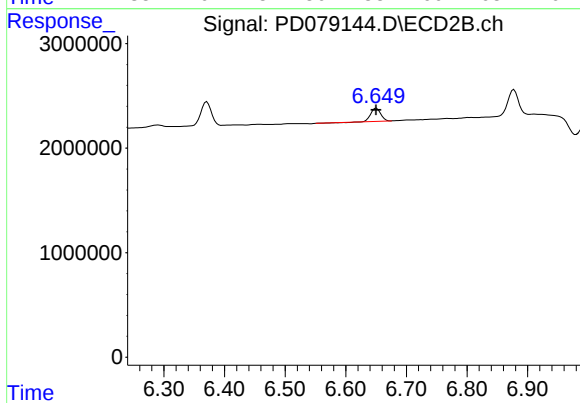
#19 Endosulfan Sulfate

R.T.: 6.371 min
Delta R.T.: 0.001 min
Response: 2820243
Conc: 1.21 ng/ml



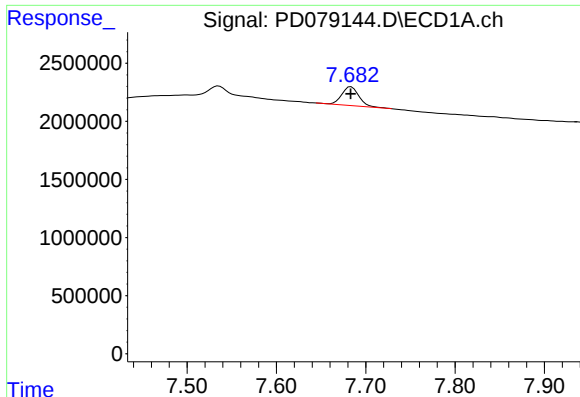
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.001 min
Response: 1320012
Conc: 1.20 ng/ml



#20 Methoxychlor

R.T.: 6.651 min
Delta R.T.: 0.000 min
Response: 1427964
Conc: 1.05 ng/ml



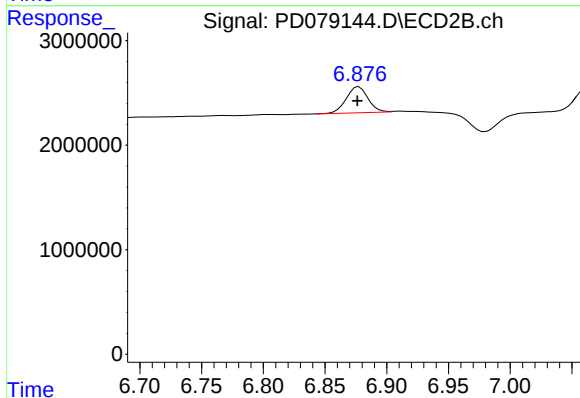
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 2137005
Conc: 0.98 ng/ml

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

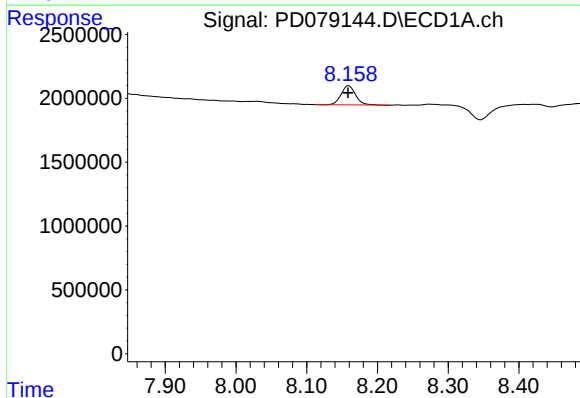
Manual Integrations
APPROVED

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



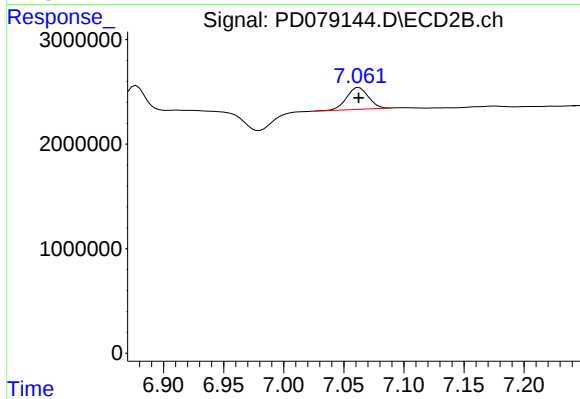
#21 Endrin ketone

R.T.: 6.878 min
Delta R.T.: 0.001 min
Response: 3039123
Conc: 1.09 ng/ml



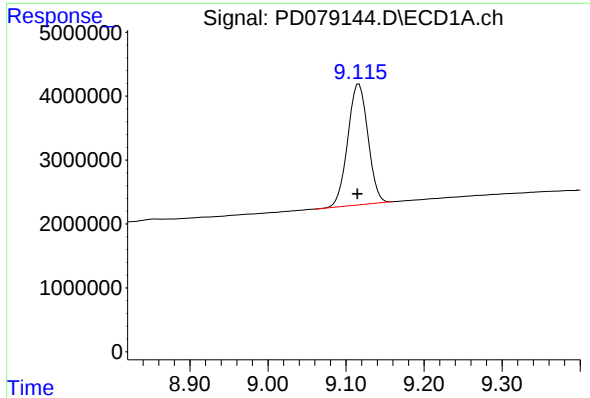
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.001 min
Response: 2139510
Conc: 1.26 ng/ml



#22 Mirex

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 2613633
Conc: 1.22 ng/ml



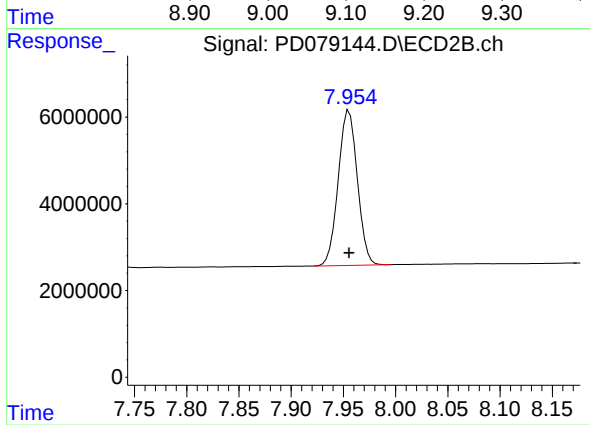
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 33988227
Conc: 16.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.956 min
Delta R.T.: 0.000 min
Response: 45504428
Conc: 18.67 ng/ml