

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102120\
 Data File : PD059865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2020 02:14
 Operator : DD\AJ
 Sample : L4214-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:38:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 20 07:13:18 2020
 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...	3.508	4.024	31226229	51737060	21.030	21.079
28)	SA Decachlor...	8.306	9.107	38750336	42901291	25.063	23.690
Target Compounds							
2)	A alpha-BHC	3.949	4.415	3214571	4843570	1.330	1.264
3)	MA gamma-BHC...	4.235	4.700	3447942	3412678	1.514	0.973 #
4)	MA Heptachlor	4.543	5.210	2612104	3634204	1.101	1.066m
5)	MB Aldrin	4.795	5.517	2554308	3461390	1.145	1.102m
6)	B beta-BHC	4.485	4.868	1362905	1842892	1.450	1.258
7)	B delta-BHC	4.694	5.085	2400587	2315704	1.087	0.811m#
8)	B Heptachlo...	5.241	5.904	2418307	2997094	1.179	1.092
9)	A Endosulfan I	5.584	6.262	2218584	3123898	1.171	1.170
10)	B gamma-Chl...	5.469	6.139	2380472	3221449	1.154m	1.102
11)	B alpha-Chl...	5.529	6.212	2504558	3329707	1.224	1.146
12)	B 4,4'-DDE	5.694	6.367	2337308	3043291	1.153	1.110
13)	MA Dieldrin	5.829	6.519	2360754	3405846	1.149	1.186
14)	MA Endrin	6.087	6.736	2368153	2690042	1.289	1.087m
15)	B Endosulfa...	6.362	6.945	2397053	3189244	1.268	1.229m
16)	A 4,4'-DDD	6.212	6.857	2141818	3862930	1.282	1.669 #
17)	MA 4,4'-DDT	6.456	7.155	2018576	2583707	1.125	1.091m
18)	B Endrin al...	6.530	7.069	1745015	2483374	1.201m	1.201m
19)	B Endosulfa...	6.746	7.293	2297208	2946627	1.421	1.281
20)	A Methoxychlor	7.005	7.613	896141	1480932	0.946m	1.163
21)	B Endrin ke...	7.240	7.763	2508951	3020018	1.338	1.215m
22)	Mirex	7.436	8.221	3077357	2151790	2.148	1.317 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102120\
Data File : PD059865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2020 02:14
Operator : DD\AJ
Sample : L4214-09
Misc : PEST MDL 1 PPB
ALS Vial : 8 Sample Multiplier: 1

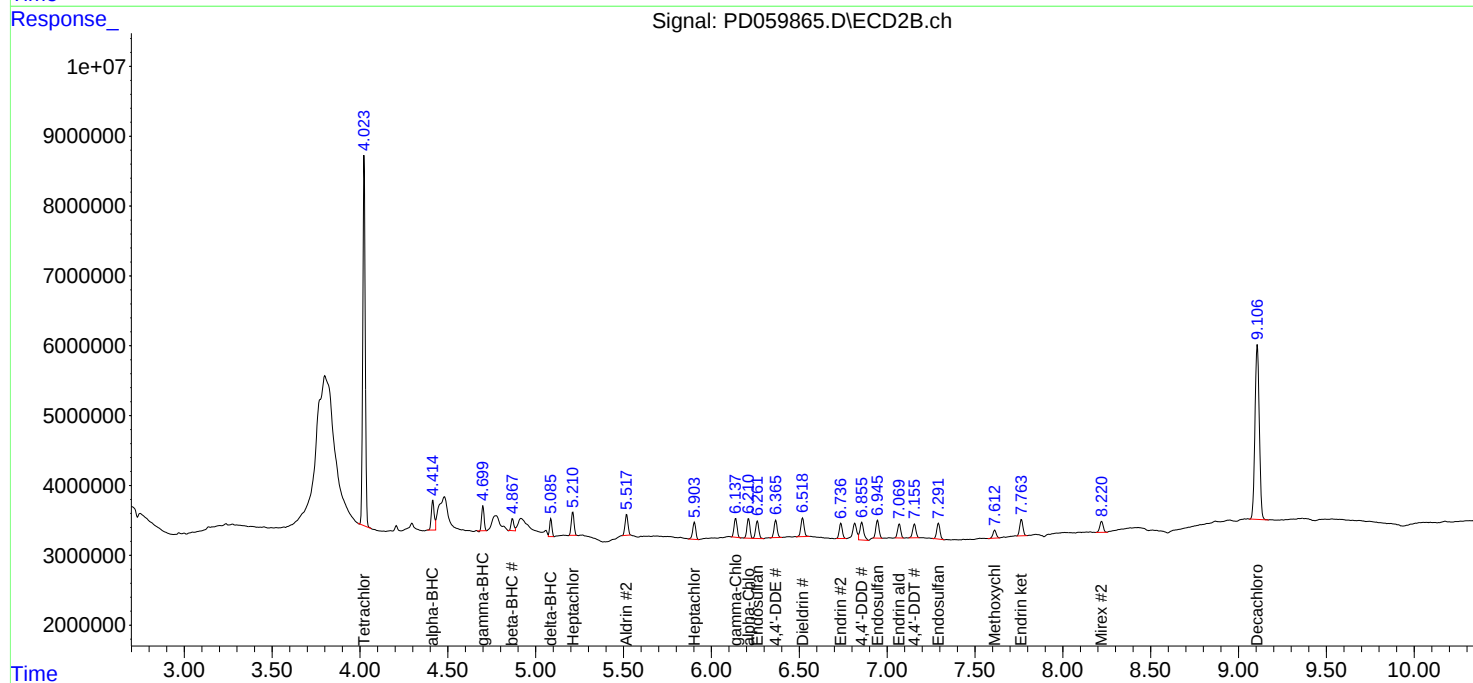
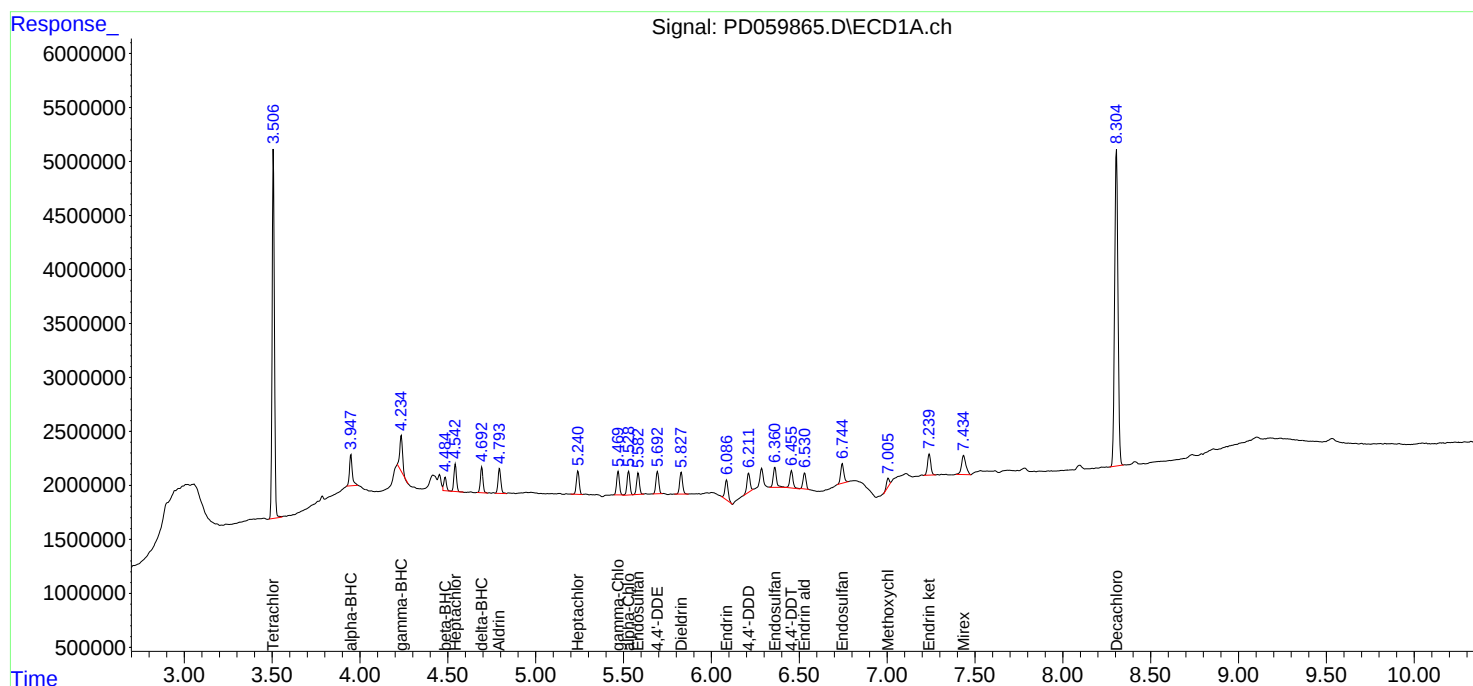
Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

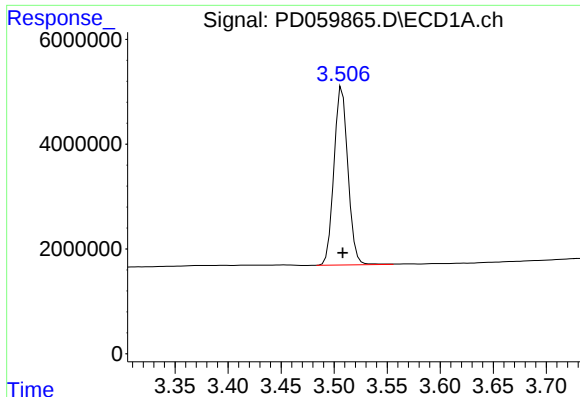
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 07:38:44 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
Quant Title : GC Extractables
QLast Update : Tue Oct 20 07:13:18 2020
Response 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





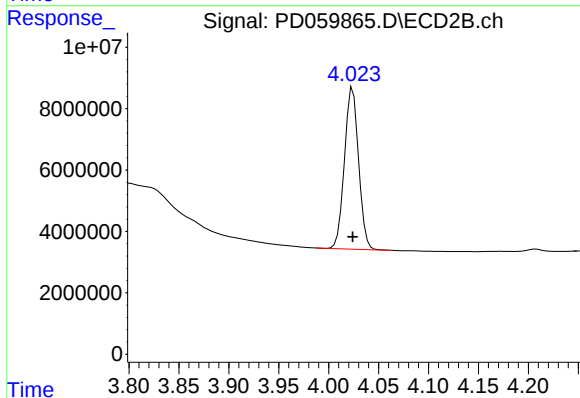
#1 Tetrachloro-m-xylene

R.T.: 3.508 min
Delta R.T.: 0.000 min
Response: 31226229
Conc: 21.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

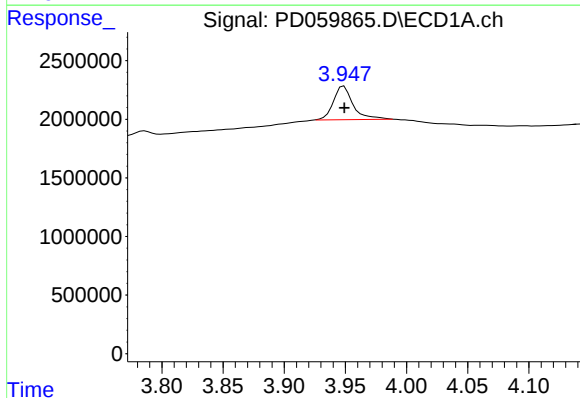
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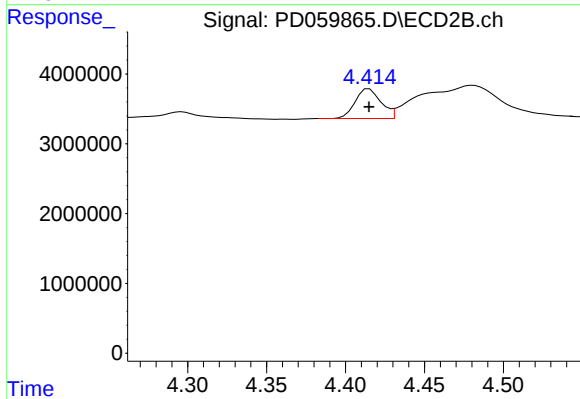
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 51737060
Conc: 21.08 ng/ml



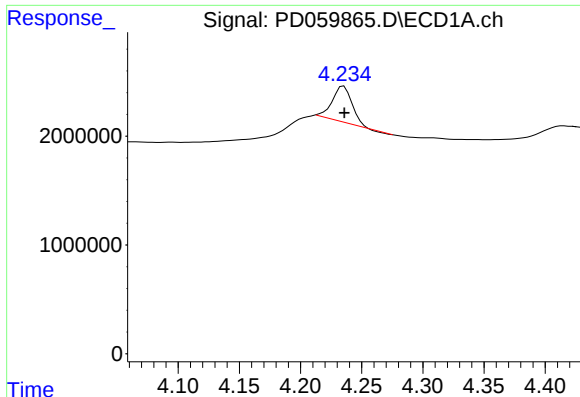
#2 alpha-BHC

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 3214571
Conc: 1.33 ng/ml



#2 alpha-BHC

R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 4843570
Conc: 1.26 ng/ml



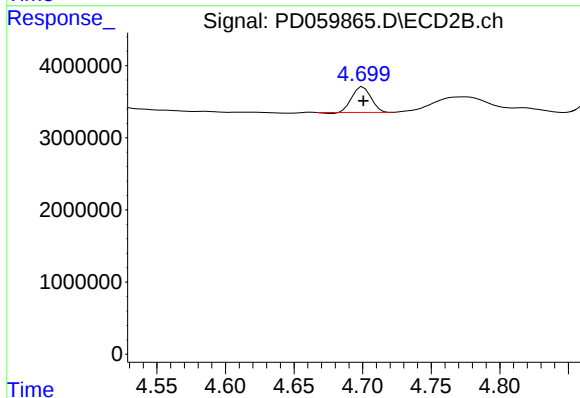
#3 gamma-BHC (Lindane)

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 3447942
Conc: 1.51 ng/ml

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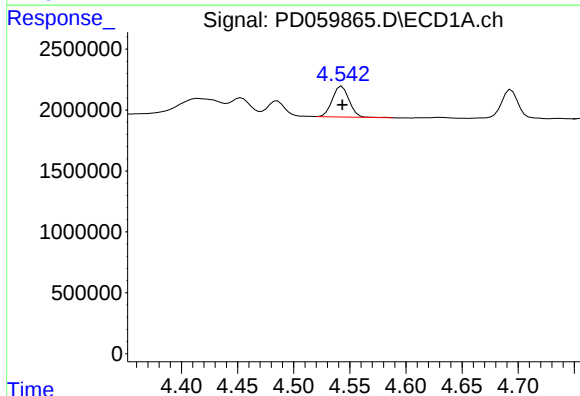
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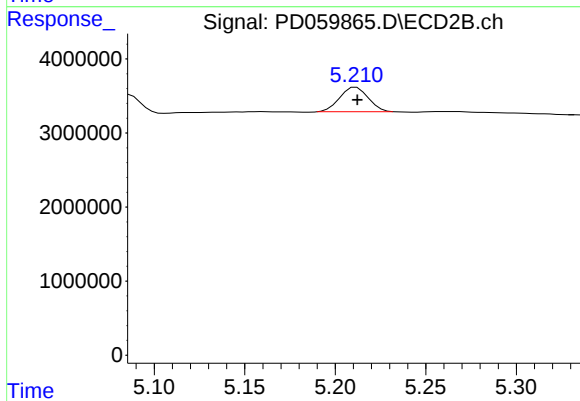
#3 gamma-BHC (Lindane)

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 3412678
Conc: 0.97 ng/ml



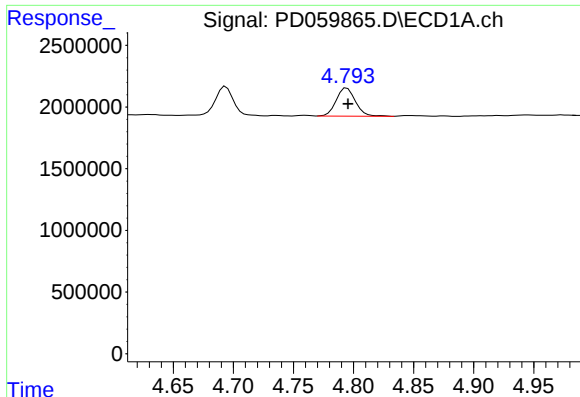
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 2612104
Conc: 1.10 ng/ml



#4 Heptachlor

R.T.: 5.210 min
Delta R.T.: -0.002 min
Response: 3634204
Conc: 1.07 ng/ml m



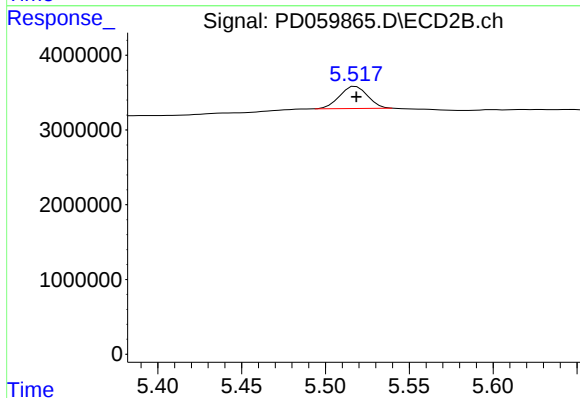
#5 Aldrin

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 2554308
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

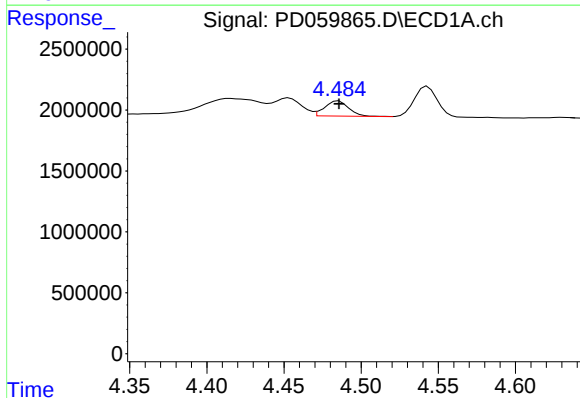
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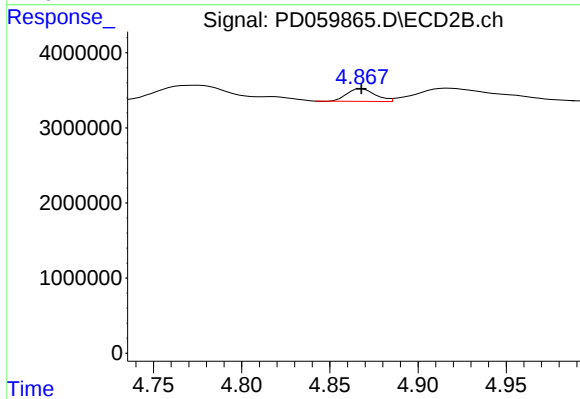
#5 Aldrin

R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 3461390
Conc: 1.10 ng/ml m



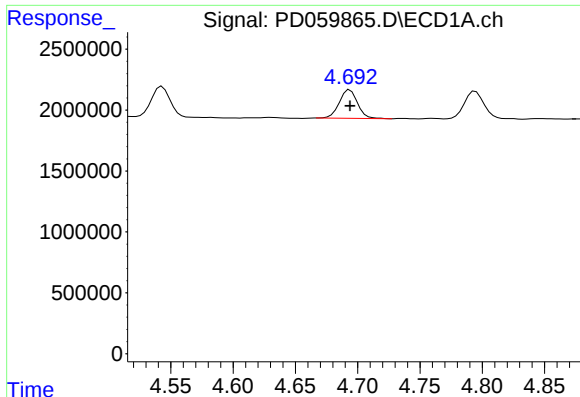
#6 beta-BHC

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 1362905
Conc: 1.45 ng/ml



#6 beta-BHC

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1842892
Conc: 1.26 ng/ml



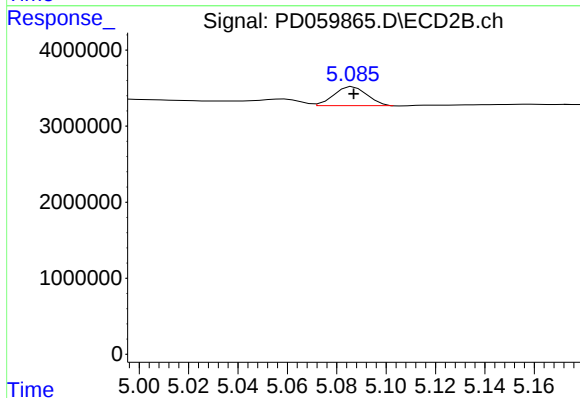
#7 delta-BHC

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 2400587
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

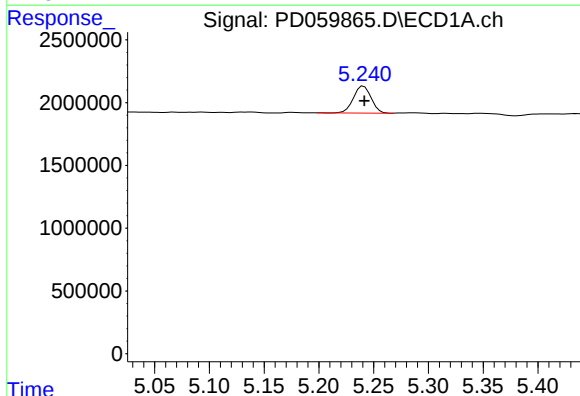
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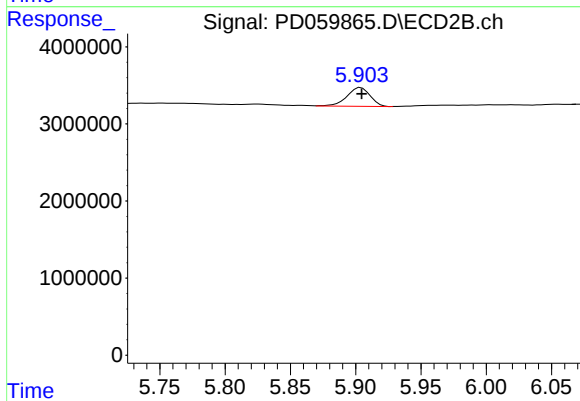
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: -0.001 min
Response: 2315704
Conc: 0.81 ng/ml m



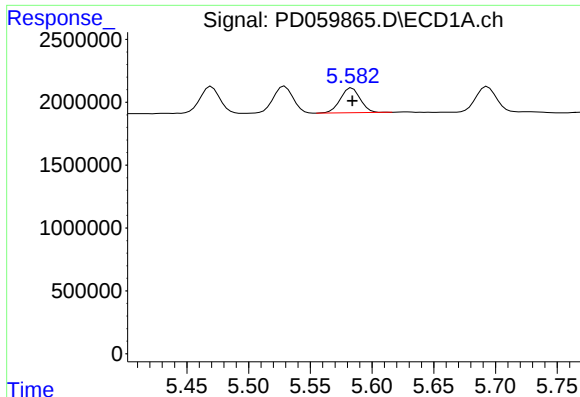
#8 Heptachlor epoxide

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 2418307
Conc: 1.18 ng/ml



#8 Heptachlor epoxide

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 2997094
Conc: 1.09 ng/ml



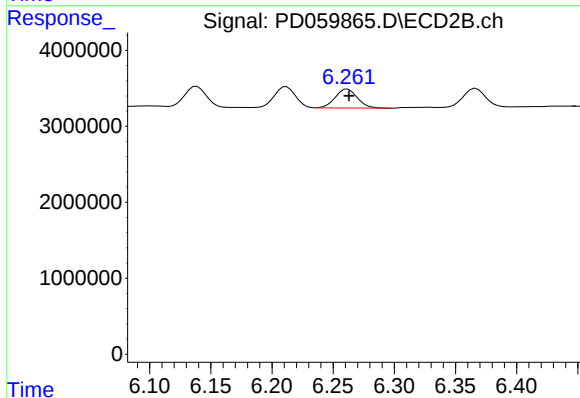
#9 Endosulfan I

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 2218584
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

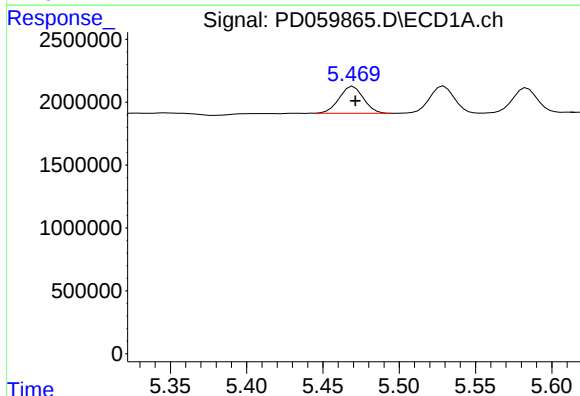
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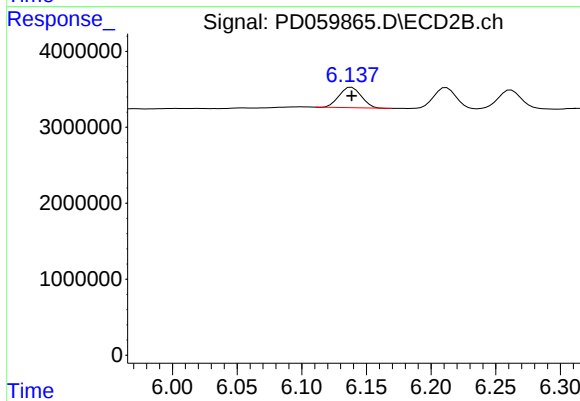
#9 Endosulfan I

R.T.: 6.262 min
Delta R.T.: -0.001 min
Response: 3123898
Conc: 1.17 ng/ml



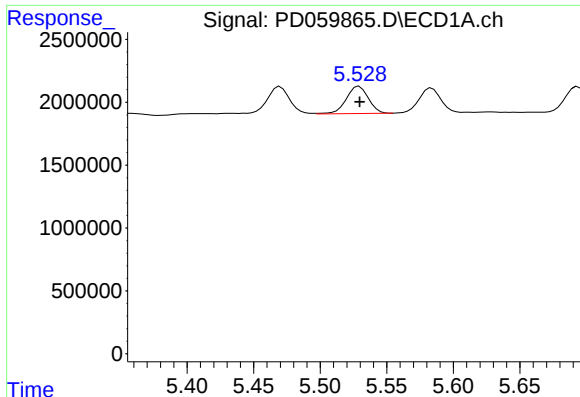
#10 gamma-Chlordane

R.T.: 5.469 min
Delta R.T.: -0.003 min
Response: 2380472
Conc: 1.15 ng/ml m



#10 gamma-Chlordane

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 3221449
Conc: 1.10 ng/ml



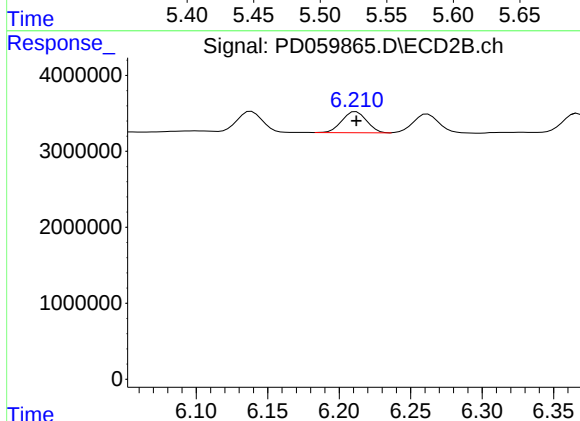
#11 alpha-Chlordane

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 2504558
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

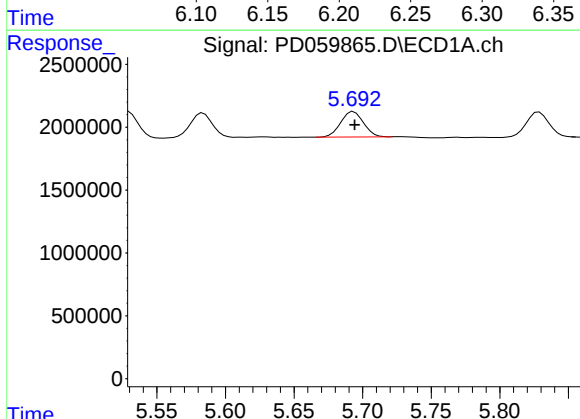
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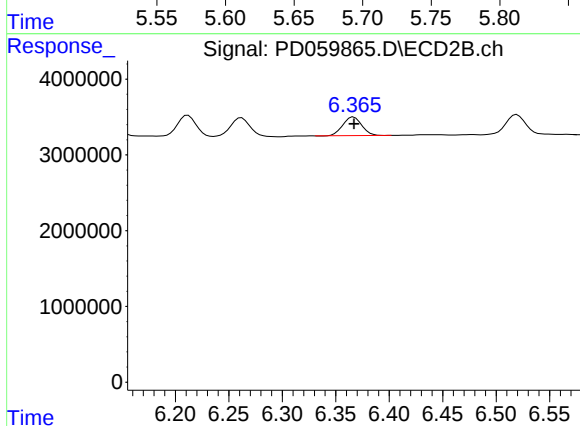
#11 alpha-Chlordane

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 3329707
Conc: 1.15 ng/ml



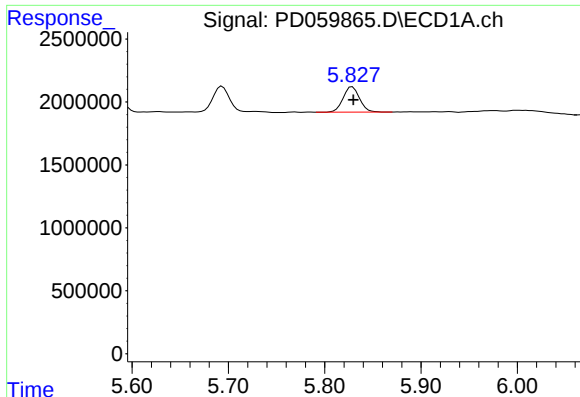
#12 4,4'-DDE

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 2337308
Conc: 1.15 ng/ml



#12 4,4'-DDE

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 3043291
Conc: 1.11 ng/ml



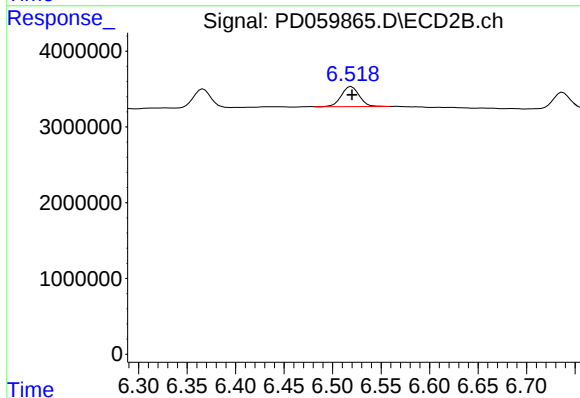
#13 Dieldrin

R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 2360754
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

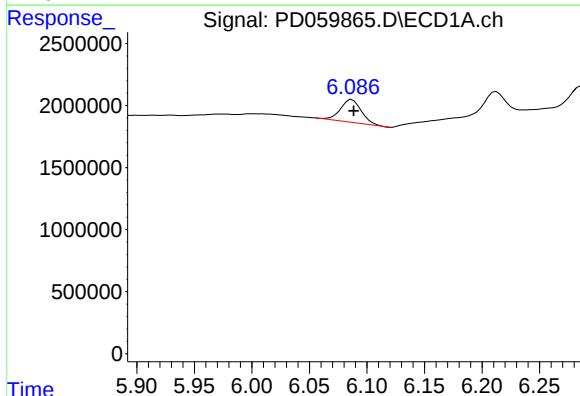
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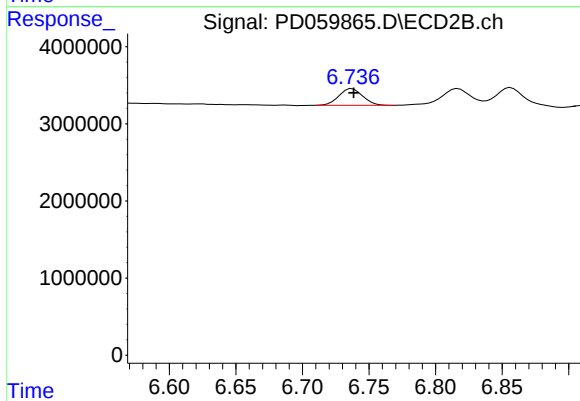
#13 Dieldrin

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 3405846
Conc: 1.19 ng/ml



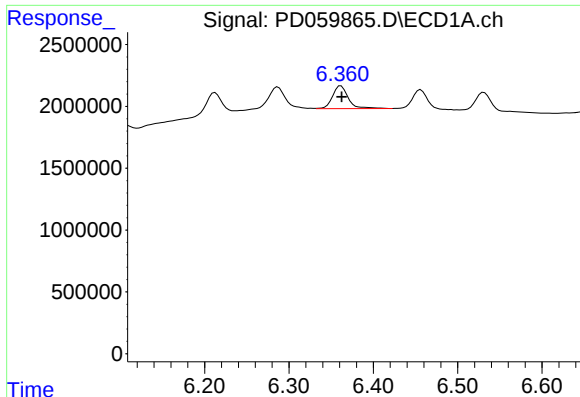
#14 Endrin

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 2368153
Conc: 1.29 ng/ml



#14 Endrin

R.T.: 6.736 min
Delta R.T.: -0.003 min
Response: 2690042
Conc: 1.09 ng/ml m



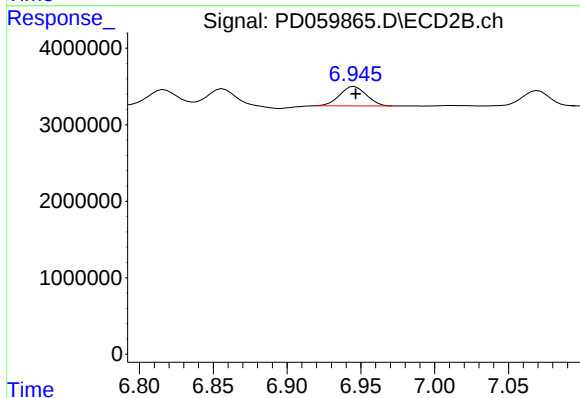
#15 Endosulfan II

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 2397053
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

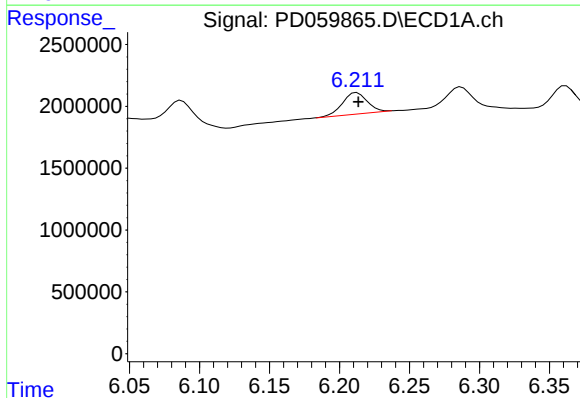
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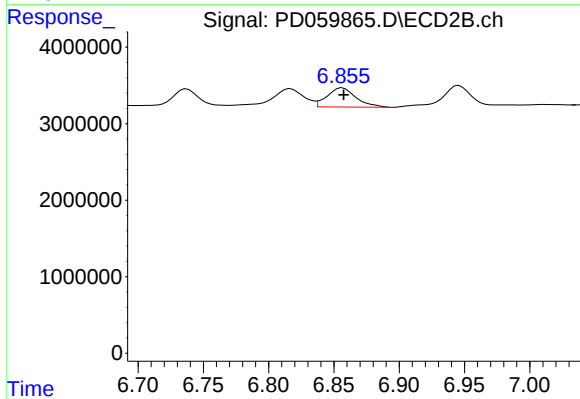
#15 Endosulfan II

R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 3189244
Conc: 1.23 ng/ml m



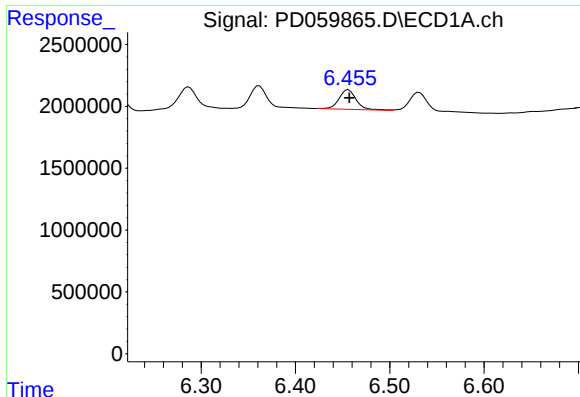
#16 4,4'-DDD

R.T.: 6.212 min
Delta R.T.: -0.001 min
Response: 2141818
Conc: 1.28 ng/ml



#16 4,4'-DDD

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 3862930
Conc: 1.67 ng/ml



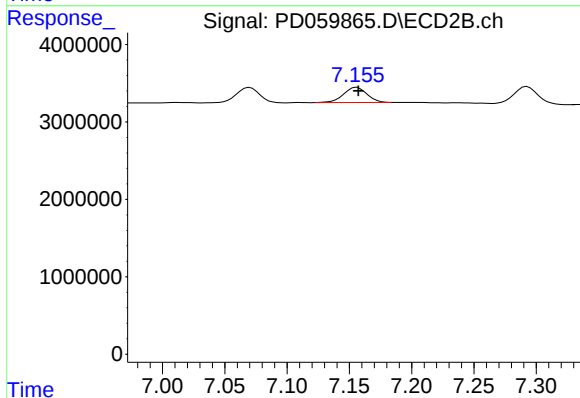
#17 4,4'-DDT

R.T.: 6.456 min
Delta R.T.: -0.001 min
Response: 2018576
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

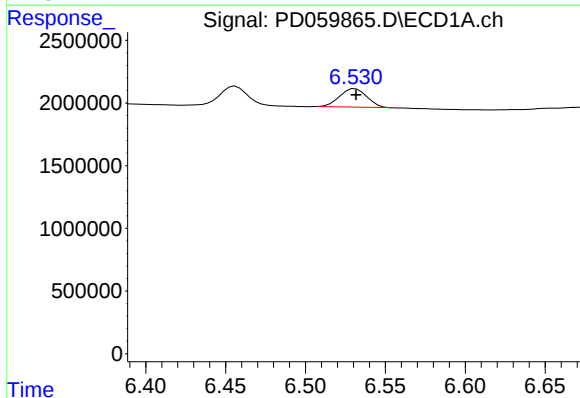
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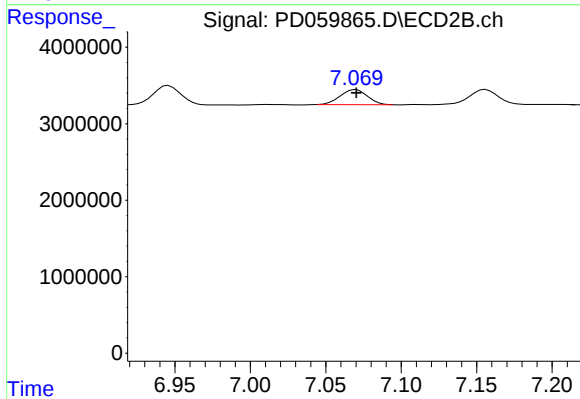
#17 4,4'-DDT

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 2583707
Conc: 1.09 ng/ml m



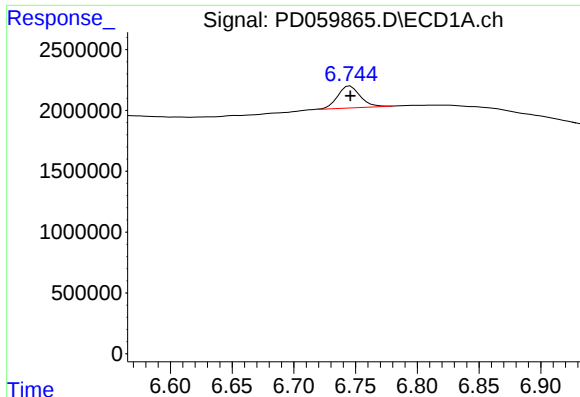
#18 Endrin aldehyde

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 1745015
Conc: 1.20 ng/ml m



#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 2483374
Conc: 1.20 ng/ml m



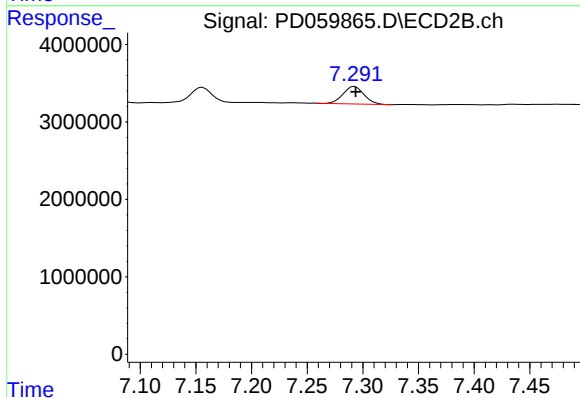
#19 Endosulfan Sulfate

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 2297208
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

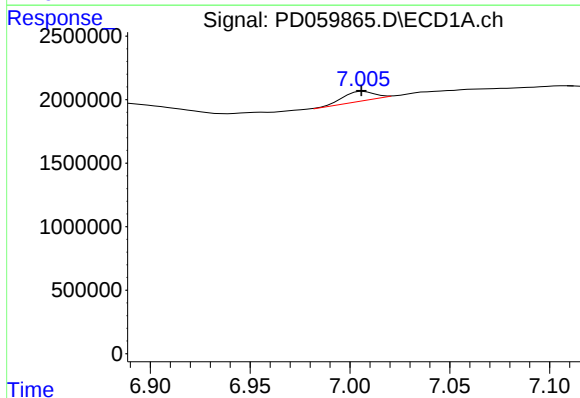
Manual Integrations
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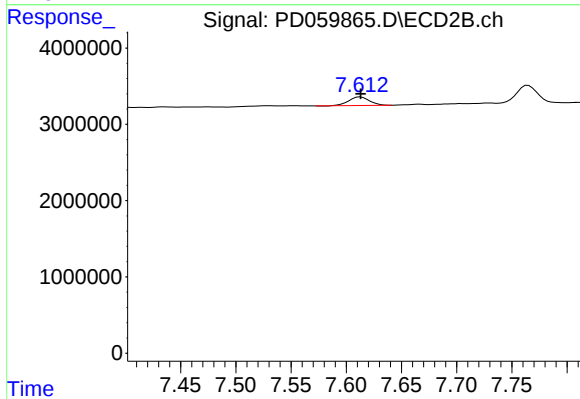
#19 Endosulfan Sulfate

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 2946627
Conc: 1.28 ng/ml



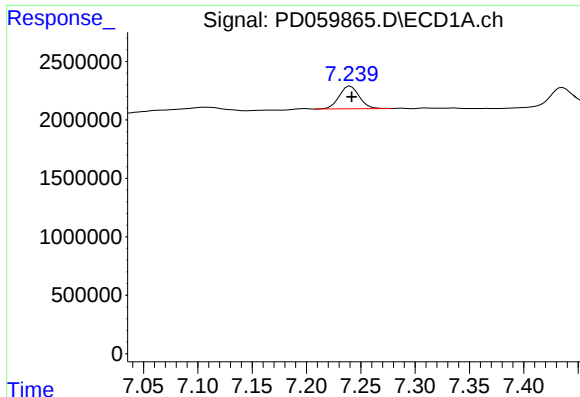
#20 Methoxychlor

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 896141
Conc: 0.95 ng/ml m



#20 Methoxychlor

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 1480932
Conc: 1.16 ng/ml



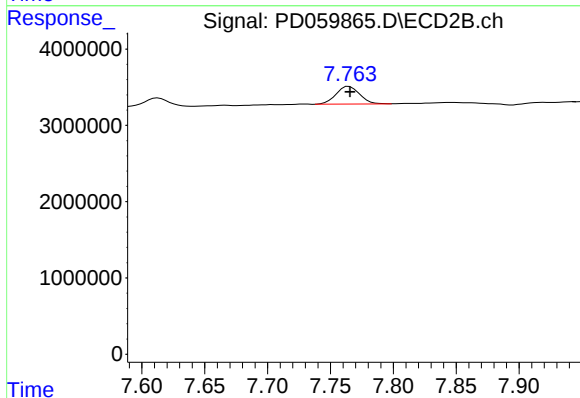
#21 Endrin ketone

R.T.: 7.240 min
Delta R.T.: -0.001 min
Response: 2508951
Conc: 1.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

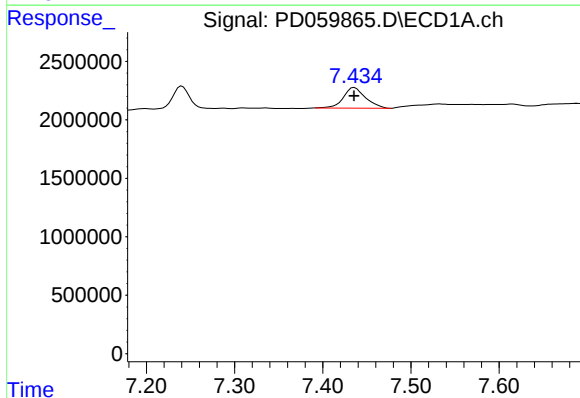
Manual Integrations
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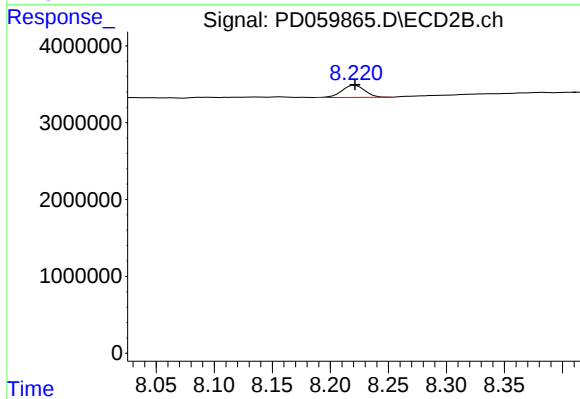
#21 Endrin ketone

R.T.: 7.763 min
Delta R.T.: -0.002 min
Response: 3020018
Conc: 1.22 ng/ml m



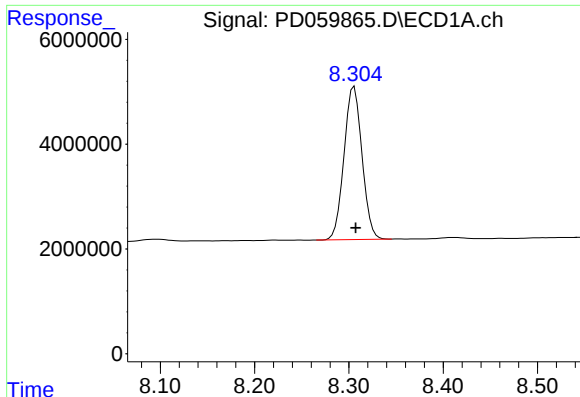
#22 Mirex

R.T.: 7.436 min
Delta R.T.: 0.000 min
Response: 3077357
Conc: 2.15 ng/ml



#22 Mirex

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 2151790
Conc: 1.32 ng/ml



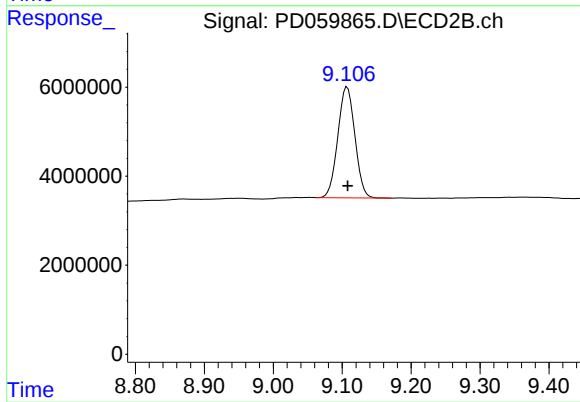
#28 Decachlorobiphenyl

R.T.: 8.306 min
Delta R.T.: -0.001 min
Response: 38750336
Conc: 25.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT4-2020

Manual Integrations
APPROVED

Ankita
10/21/2020 2:02:09 PM



#28 Decachlorobiphenyl

R.T.: 9.107 min
Delta R.T.: 0.000 min
Response: 42901291
Conc: 23.69 ng/ml