

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
 Data File : PD077037.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 12:42
 Operator : AR\AJ
 Sample : 03572-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 01:39:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 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...	3.543	2.762	40041909	22519775	16.920	16.533
28)	SA Decachlor...	9.089	7.905	54360738	25629802	19.838	17.909
Target Compounds							
2)	A alpha-BHC	3.999	3.264	15721039	8154726	4.094	4.216
3)	MA gamma-BHC...	4.333	3.593	15768261	8321318	4.284	4.473
4)	MA Heptachlor	4.925	3.933	16782232	8215215	4.654	4.522
5)	MB Aldrin	5.268	4.213	17016645	8467626	4.605	4.573
6)	B beta-BHC	4.531	3.891	7410679	3955459	4.925	5.185
7)	B delta-BHC	4.779	4.120	17839975	7741899	5.114	4.351
8)	B Heptachlo...	5.696	4.716	16878865	7849430	5.098	4.694
9)	A Endosulfan I	6.083	5.087	15289716	7428604	5.031	4.762
10)	B gamma-Chl...	5.953	4.966	15731262	7895194	4.833	4.760
11)	B alpha-Chl...	6.032	5.030	16048184	7950606	4.894	4.761
12)	B 4,4'-DDE	6.204	5.219	13751409	6599107	4.636	4.551
13)	MA Dieldrin	6.359	5.351	15726397	7602016	4.804	4.513
14)	MA Endrin	6.589	5.627	13102318	6775068	4.715	4.630
15)	B Endosulfa...	6.810	5.921	14789328	6824736	4.648	4.630
16)	A 4,4'-DDD	6.724	5.774	11594153	5222376	4.928	4.696
17)	MA 4,4'-DDT	7.039	6.026	10406950	4470720	4.280	4.022
18)	B Endrin al...	6.940	6.101	12045274	5819006	5.514	5.112
19)	B Endosulfa...	7.175	6.324	13588772	6664092	5.216	4.997
20)	A Methoxychlor	7.515	6.601	7209183	2858410	5.088	4.780
21)	B Endrin ke...	7.662	6.830	15225509	7405725	5.055	4.671
22)	Mirex	8.137	7.012	12839605	6687065	5.629	5.165

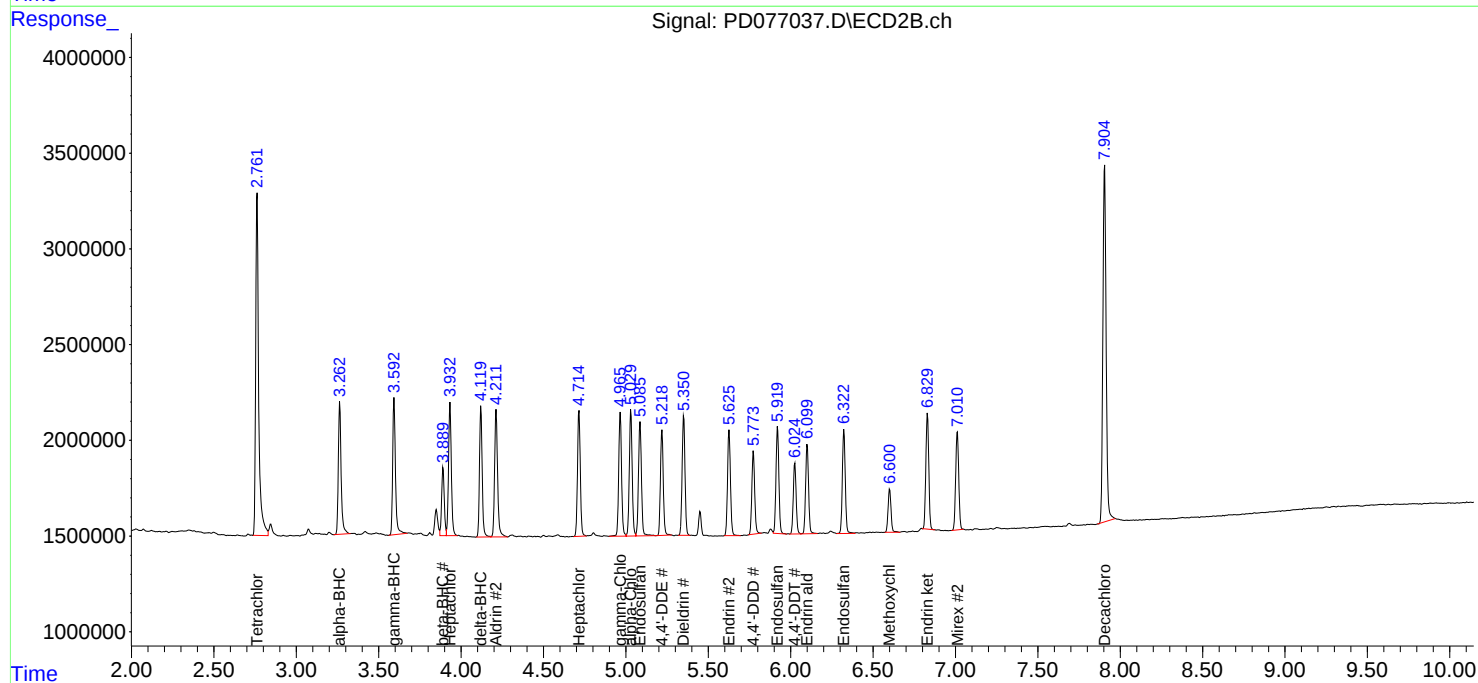
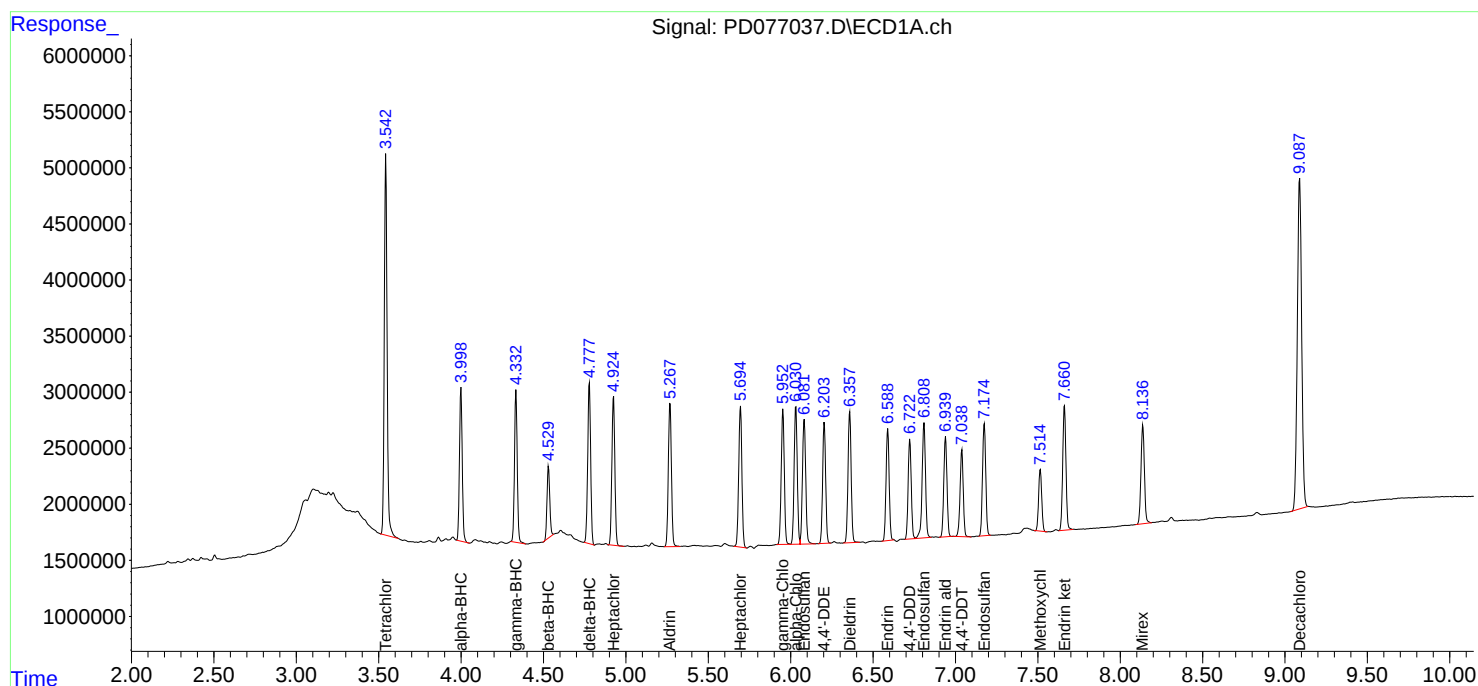
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

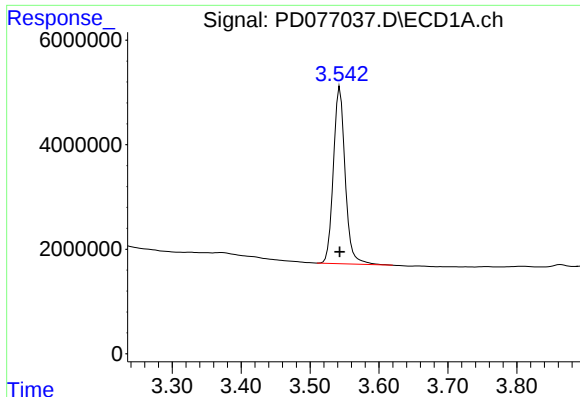
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080923\
Data File : PD077037.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 12:42
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LOQ-WATER-02-QT3-2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 01:39:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
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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

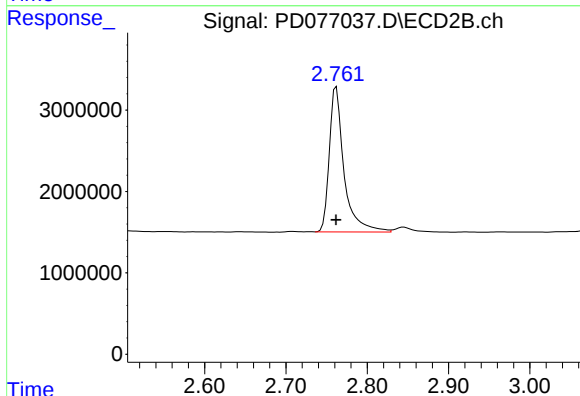




#1 Tetrachloro-m-xylene

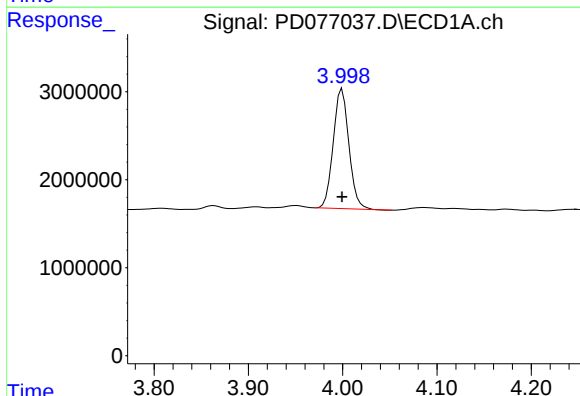
R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 40041909
Conc: 16.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



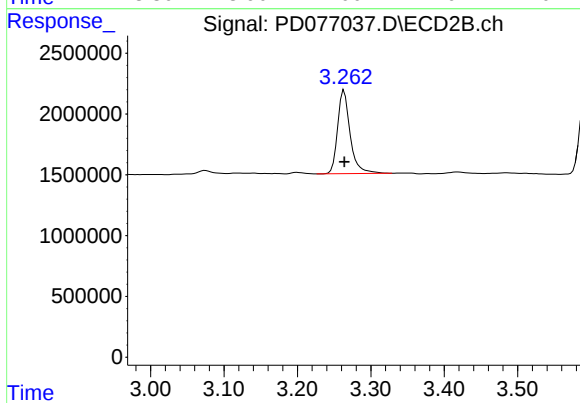
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 22519775
Conc: 16.53 ng/ml



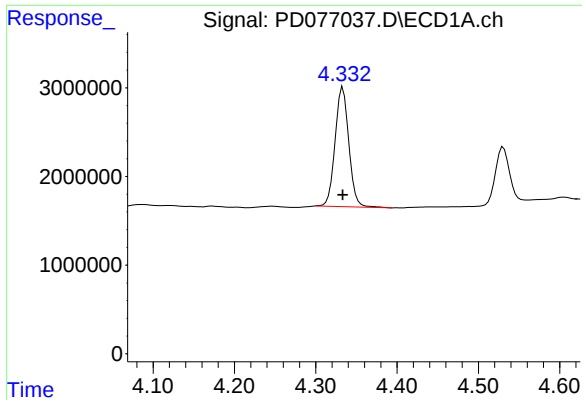
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 15721039
Conc: 4.09 ng/ml



#2 alpha-BHC

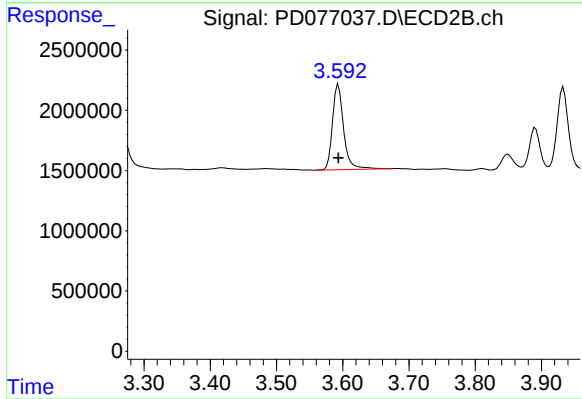
R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 8154726
Conc: 4.22 ng/ml



#3 gamma-BHC (Lindane)

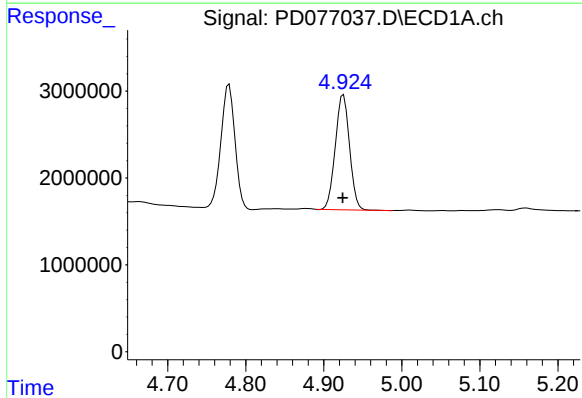
R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 15768261
Conc: 4.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



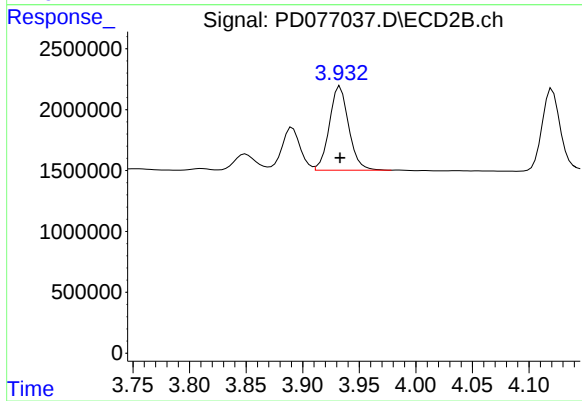
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 8321318
Conc: 4.47 ng/ml



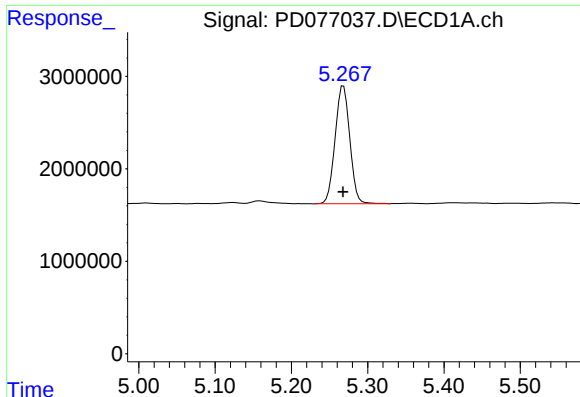
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.001 min
Response: 16782232
Conc: 4.65 ng/ml



#4 Heptachlor

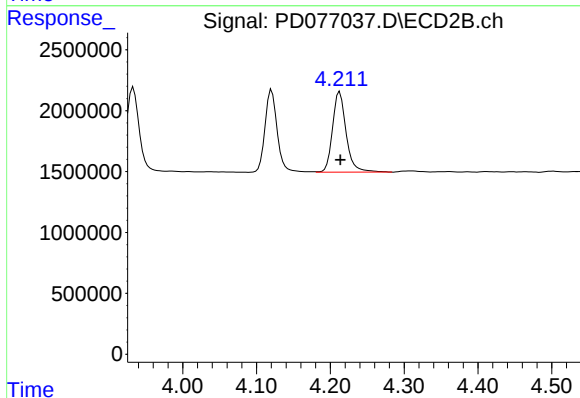
R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 8215215
Conc: 4.52 ng/ml



#5 Aldrin

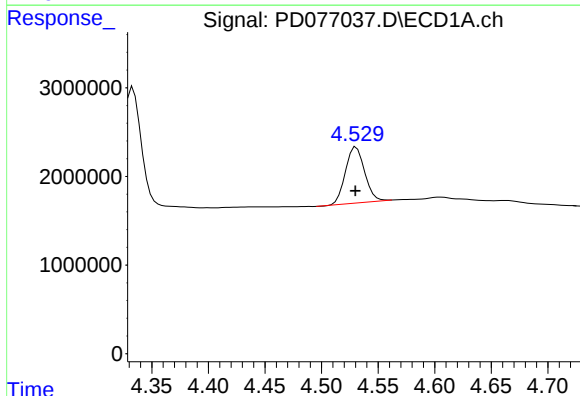
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 17016645
Conc: 4.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



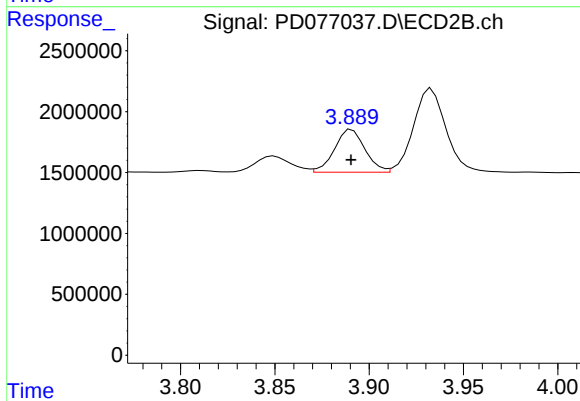
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 8467626
Conc: 4.57 ng/ml



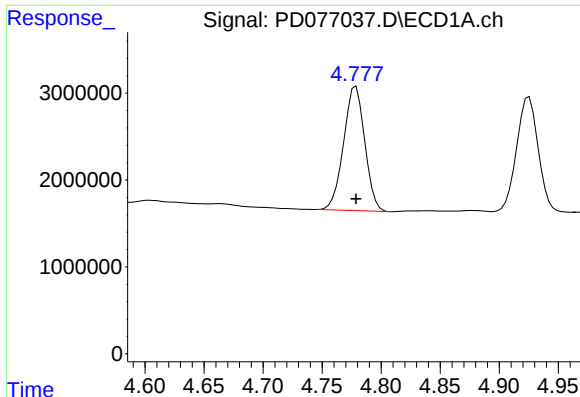
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 7410679
Conc: 4.92 ng/ml



#6 beta-BHC

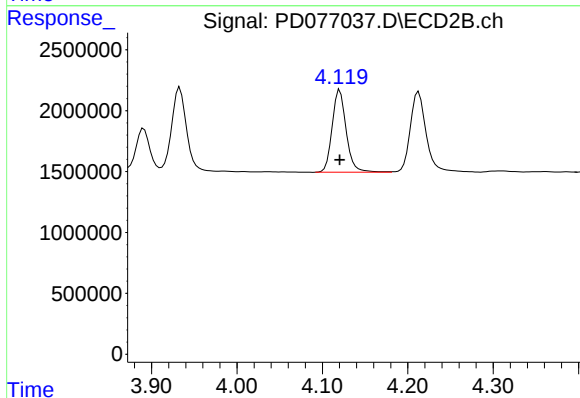
R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 3955459
Conc: 5.18 ng/ml



#7 delta-BHC

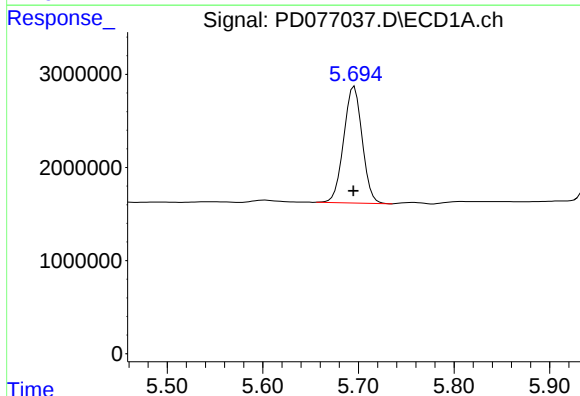
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 17839975
Conc: 5.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



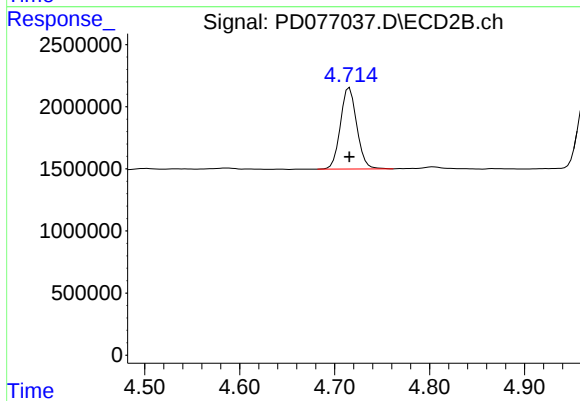
#7 delta-BHC

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 7741899
Conc: 4.35 ng/ml



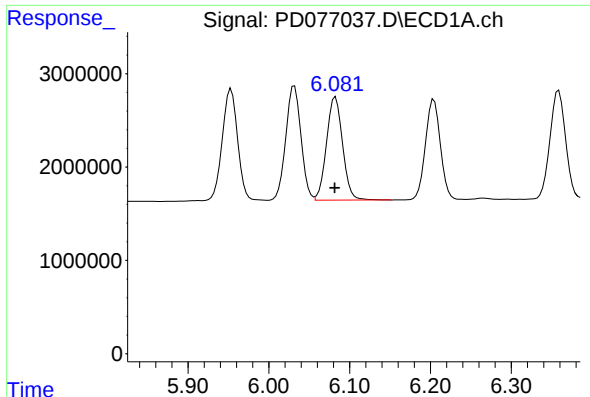
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 16878865
Conc: 5.10 ng/ml



#8 Heptachlor epoxide

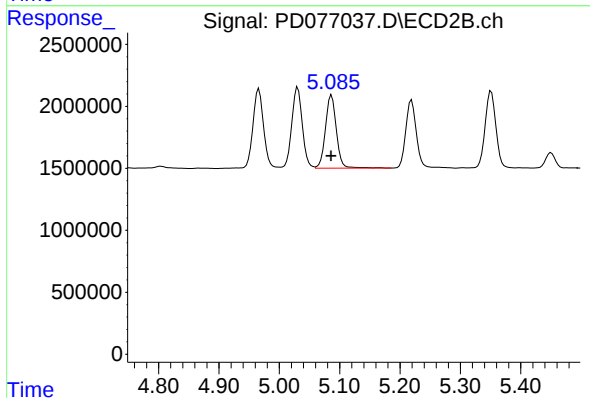
R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 7849430
Conc: 4.69 ng/ml



#9 Endosulfan I

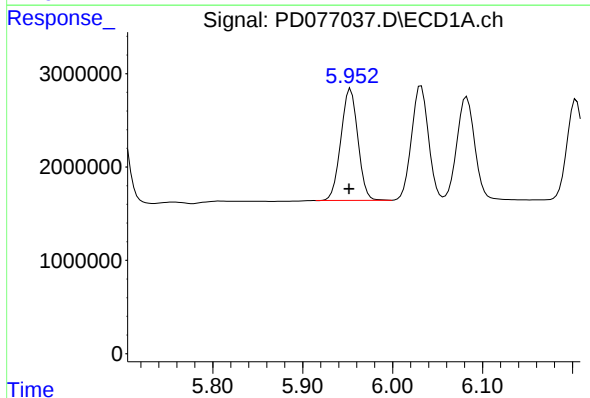
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 15289716
Conc: 5.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



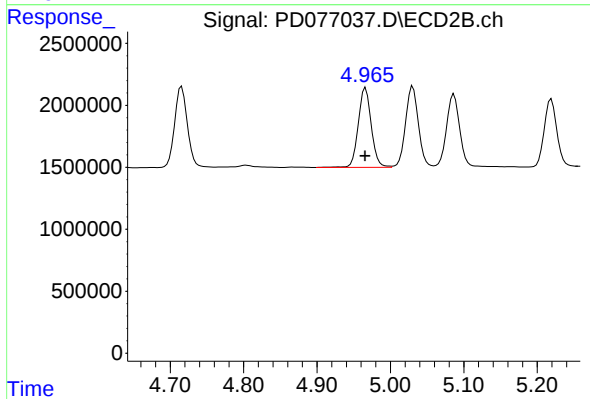
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 7428604
Conc: 4.76 ng/ml



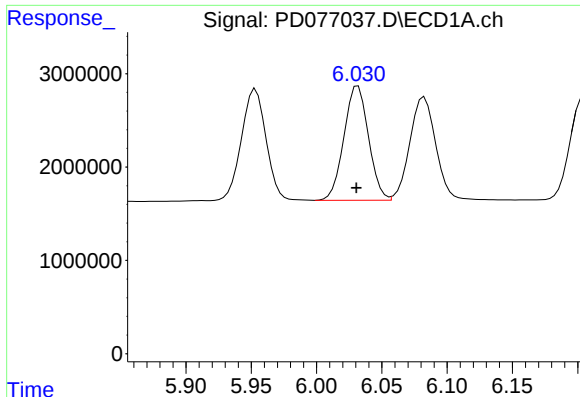
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 15731262
Conc: 4.83 ng/ml



#10 gamma-Chlordane

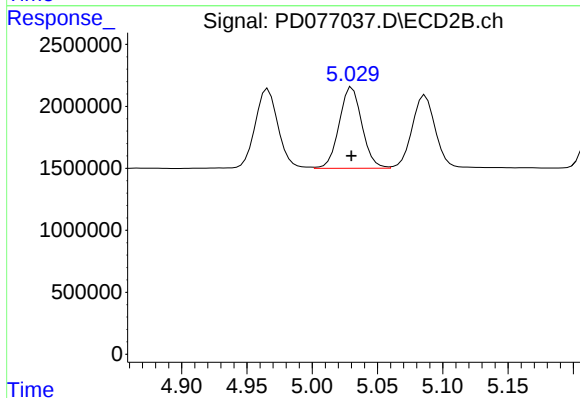
R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 7895194
Conc: 4.76 ng/ml



#11 alpha-Chlordane

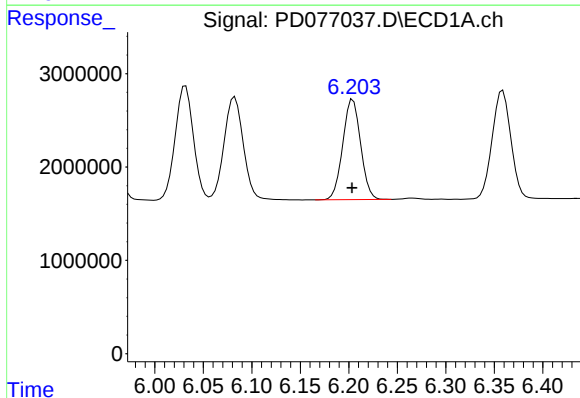
R.T.: 6.032 min
Delta R.T.: 0.001 min
Response: 16048184
Conc: 4.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



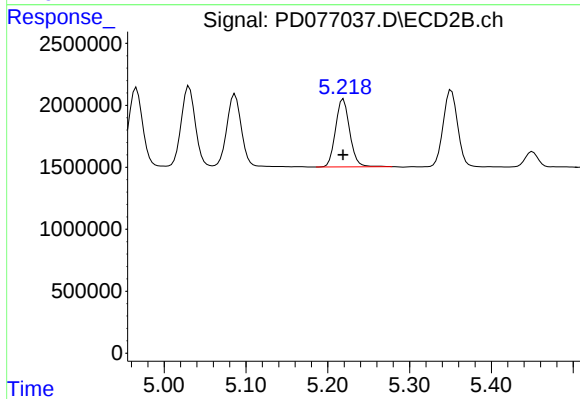
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 7950606
Conc: 4.76 ng/ml



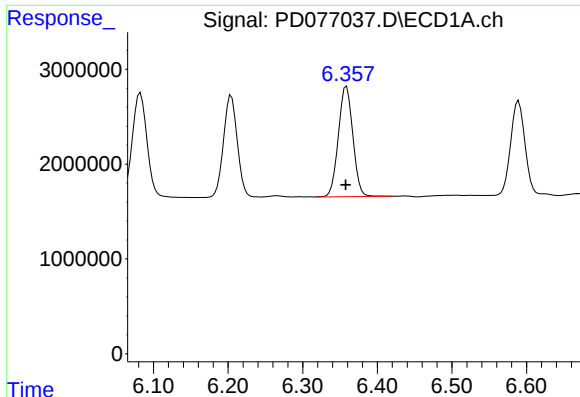
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.001 min
Response: 13751409
Conc: 4.64 ng/ml



#12 4,4'-DDE

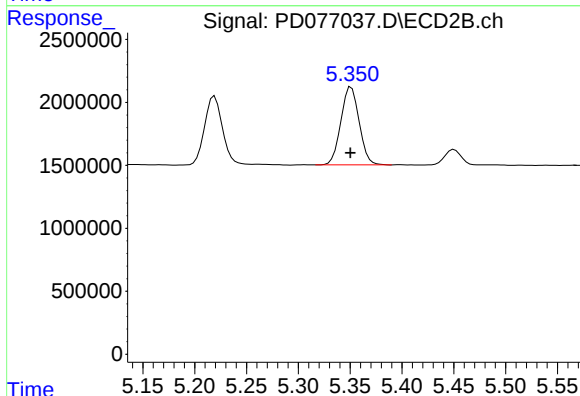
R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 6599107
Conc: 4.55 ng/ml



#13 Dieldrin

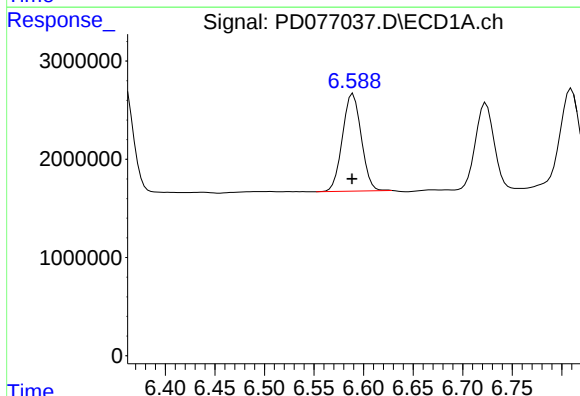
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 15726397
Conc: 4.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



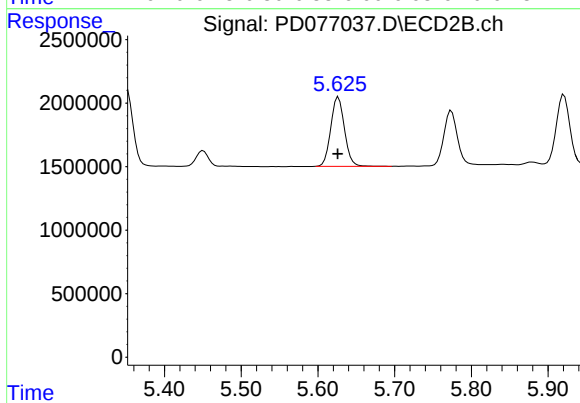
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 7602016
Conc: 4.51 ng/ml



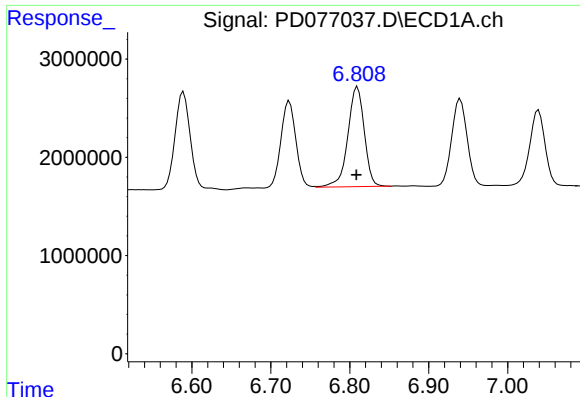
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 13102318
Conc: 4.72 ng/ml



#14 Endrin

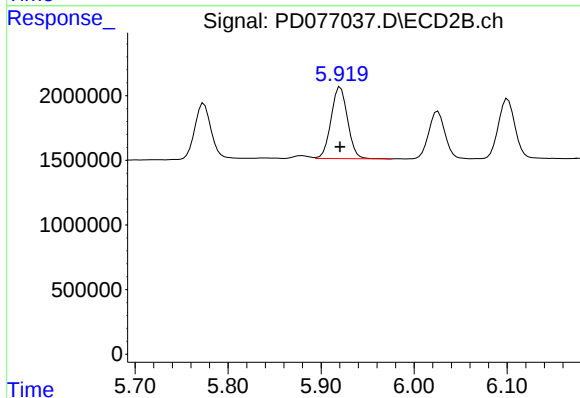
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 6775068
Conc: 4.63 ng/ml



#15 Endosulfan II

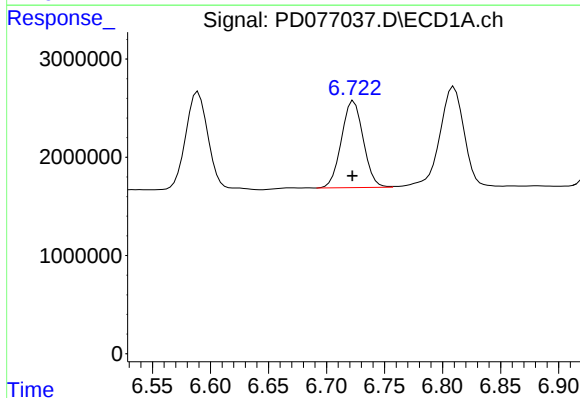
R.T.: 6.810 min
Delta R.T.: 0.001 min
Response: 14789328
Conc: 4.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



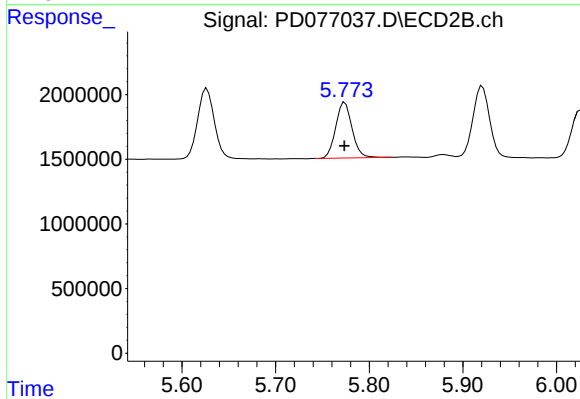
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 6824736
Conc: 4.63 ng/ml



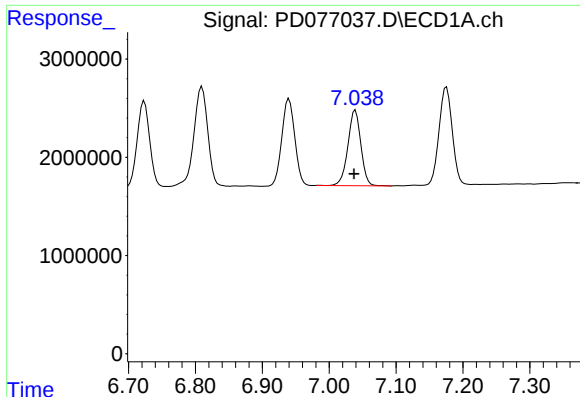
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.001 min
Response: 11594153
Conc: 4.93 ng/ml



#16 4,4'-DDD

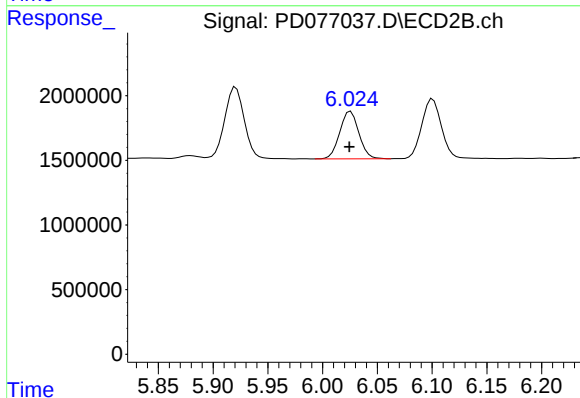
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 5222376
Conc: 4.70 ng/ml



#17 4,4'-DDT

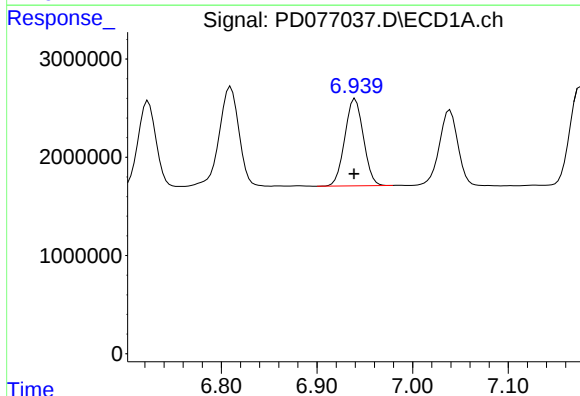
R.T.: 7.039 min
Delta R.T.: 0.002 min
Response: 10406950
Conc: 4.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



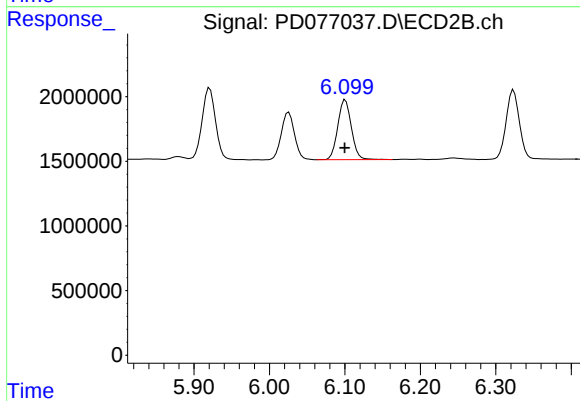
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 4470720
Conc: 4.02 ng/ml



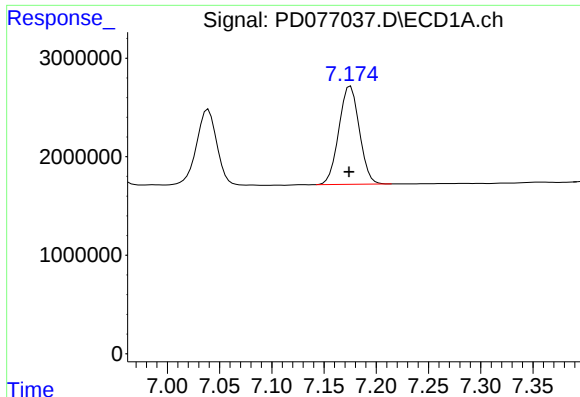
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.001 min
Response: 12045274
Conc: 5.51 ng/ml



#18 Endrin aldehyde

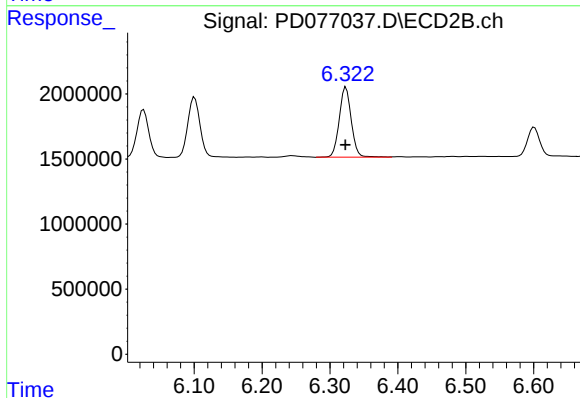
R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 5819006
Conc: 5.11 ng/ml



#19 Endosulfan Sulfate

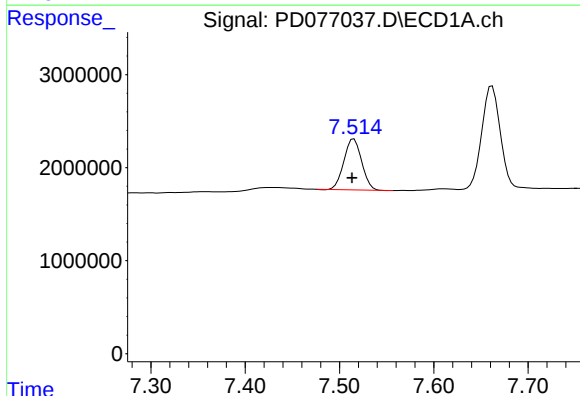
R.T.: 7.175 min
Delta R.T.: 0.001 min
Response: 13588772
Conc: 5.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



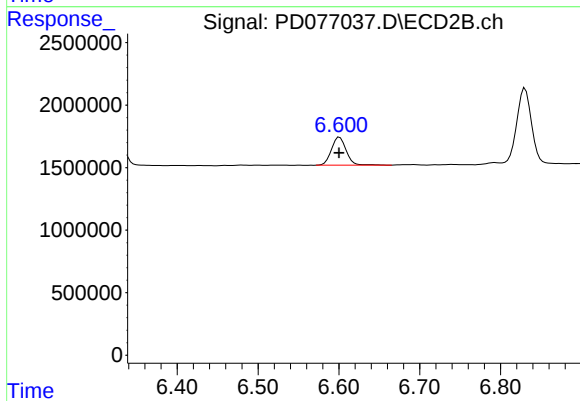
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 6664092
Conc: 5.00 ng/ml



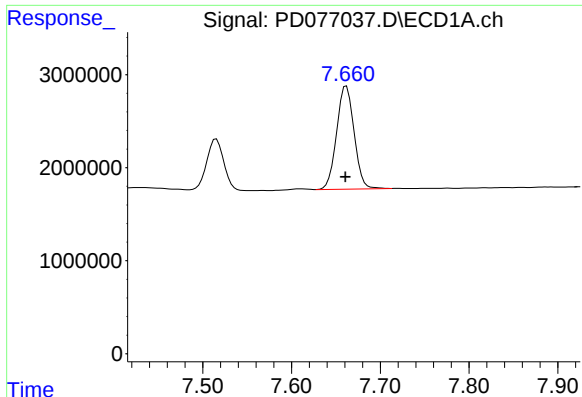
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.002 min
Response: 7209183
Conc: 5.09 ng/ml



#20 Methoxychlor

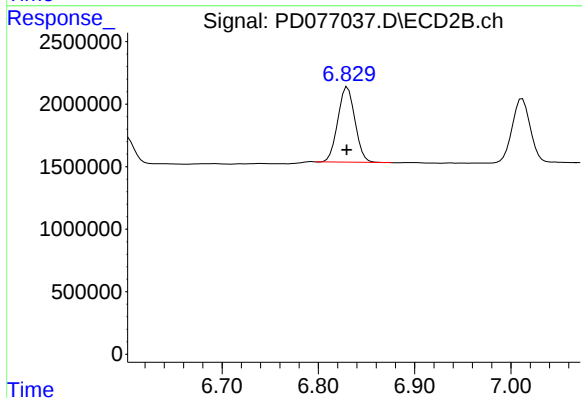
R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 2858410
Conc: 4.78 ng/ml



#21 Endrin ketone

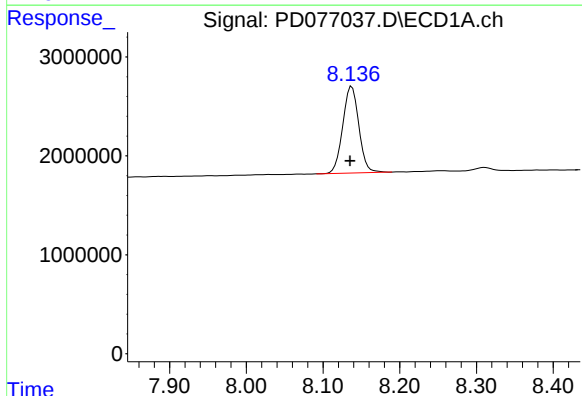
R.T.: 7.662 min
Delta R.T.: 0.001 min
Response: 15225509
Conc: 5.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



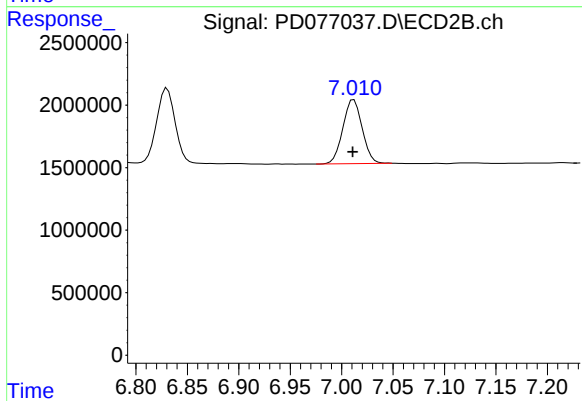
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 7405725
Conc: 4.67 ng/ml



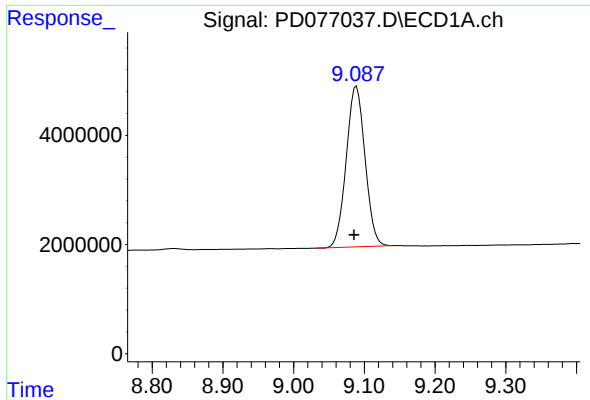
#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.002 min
Response: 12839605
Conc: 5.63 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 6687065
Conc: 5.16 ng/ml



#28 Decachlorobiphenyl

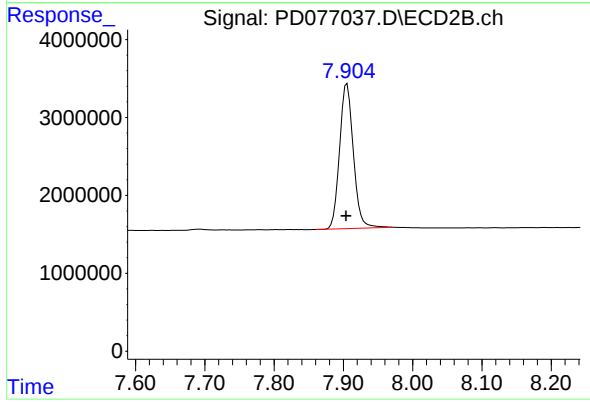
R.T.: 9.089 min

Delta R.T.: 0.003 min

Response: 54360738

Conc: 19.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



#28 Decachlorobiphenyl

R.T.: 7.905 min

Delta R.T.: 0.001 min

Response: 25629802

Conc: 17.91 ng/ml