

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021025\
 Data File : PD087802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 11:32
 Operator : AR\AJ
 Sample : Q1168-03
 Misc : PEST LOQ 5PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 05:23:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 2025
 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

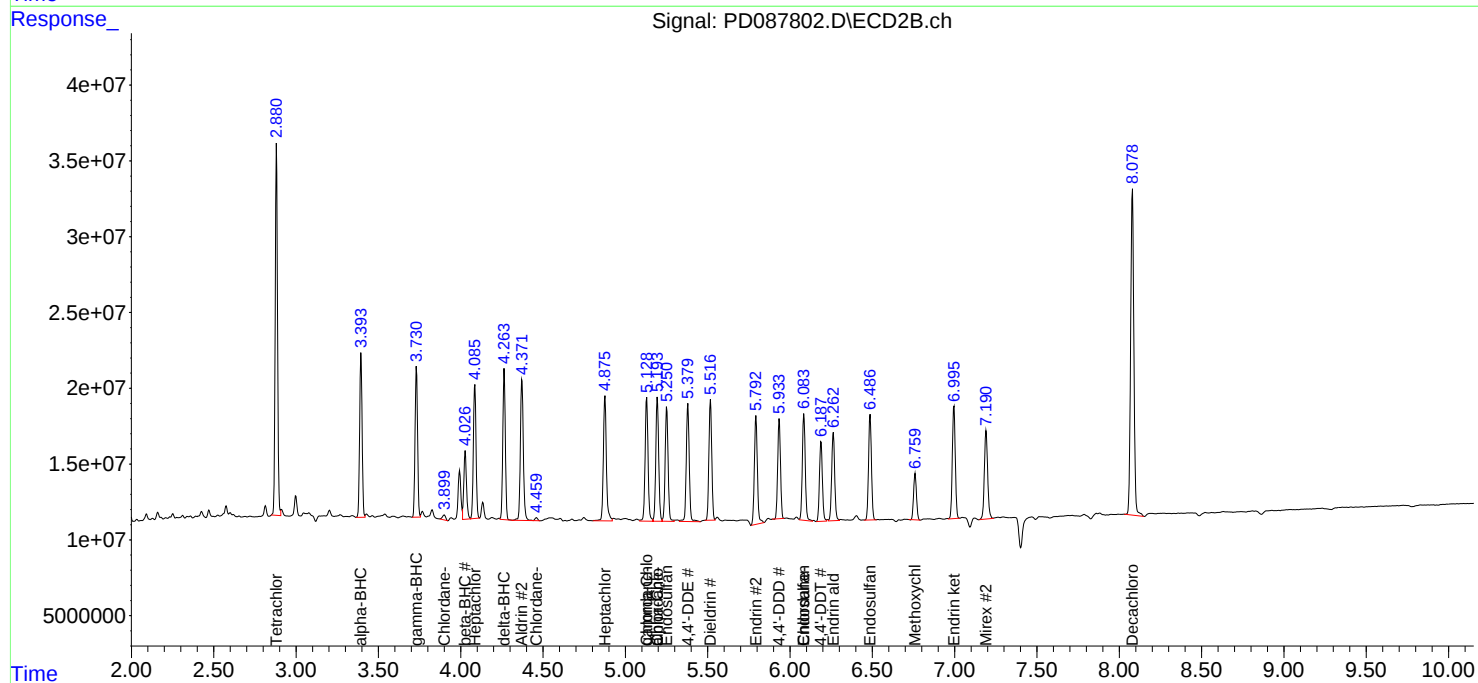
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

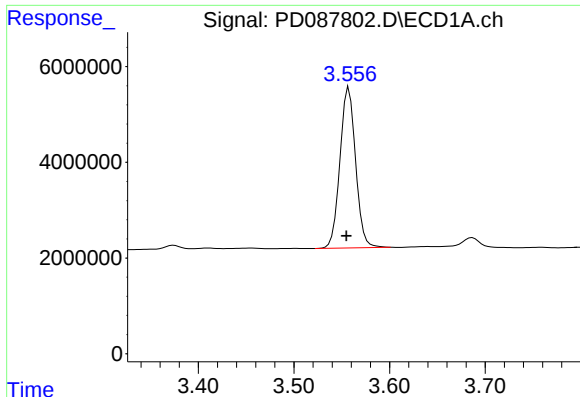
System Monitoring Compounds							
1)	SA Tetrachlo...	3.558	2.881	38214499	242.0E6	19.181	20.124
28)	SA Decachlor...	9.084	8.080	61105097	293.8E6	20.034	20.789
Target Compounds							
2)	A alpha-BHC	4.007	3.395	19700501	111.2E6	4.895	5.950
3)	MA gamma-BHC...	4.338	3.731	15459299	104.1E6	3.885	5.865 #
4)	MA Heptachlor	4.938	4.086	23242845	100.2E6	6.235	5.783
5)	MB Aldrin	5.280	4.372	19360796	117.7E6	5.058	6.737 #
6)	B beta-BHC	4.523	4.028	9279399	51721337	5.878	6.781
7)	B delta-BHC	4.772	4.265	28165713	106.7E6	6.983	5.898
8)	B Heptachlo...	5.700	4.876	16868810	105.1E6	4.936	6.656 #
9)	A Endosulfan I	6.083	5.252	17201782	92673836	5.461	6.218
10)	B gamma-Chl...	5.955	5.130	17752964	102.7E6	5.371	6.314
11)	B alpha-Chl...	6.035	5.195	18474600	99643540	5.546	6.246
12)	B 4,4'-DDE	6.204	5.380	14884489	98430060	4.933	6.256 #
13)	MA Dieldrin	6.356	5.517	17275043	96047385	5.115	5.896
14)	MA Endrin	6.583	5.794	13744664	91700429	4.743	6.157 #
15)	B Endosulfa...	6.794	6.085	15110495	88207997	5.263	6.179
16)	A 4,4'-DDD	6.713	5.935	12377224	78007504	5.143	5.900
17)	MA 4,4'-DDT	7.030	6.189	11387336	66264786	4.421	4.923
18)	B Endrin al...	6.922	6.263	12695191	74053000	5.480	6.352
19)	B Endosulfa...	7.157	6.487	14198164	84960422	5.179	5.976
20)	A Methoxychlor	7.502	6.760	7154190	37330291	4.874	4.885
21)	B Endrin ke...	7.638	6.996	15923979	93692845	5.179	6.005
22)	Mirex	8.122	7.191	12983804	81731694	5.601	6.455
23)	Chlordane-1	0.000	3.900	0	4584612	N.D.	8.243 #
24)	Chlordane-2	5.233	4.460f	204171	2244070	1.505	3.797 #
25)	Chlordane-3	5.955	5.130	17752964	102.7E6	35.314	58.836 #
26)	Chlordane-4	6.035	5.195	18474600	99643540	30.396	67.534 #
27)	Chlordane-5	0.000	6.085	0	88207997	N.D.	134.726 #

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

Instrument :
ECD_D
ClientSampleId :
LOO-WATER-02-OT1-2025

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

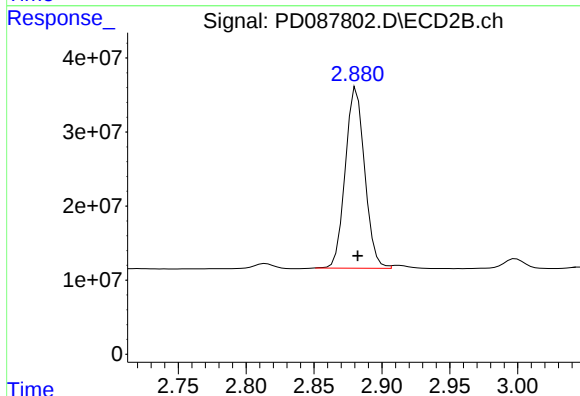




#1 Tetrachloro-m-xylene

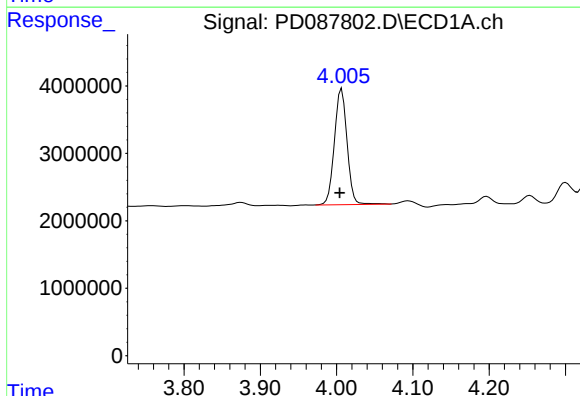
R.T.: 3.558 min
Delta R.T.: 0.003 min
Response: 38214499
Conc: 19.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



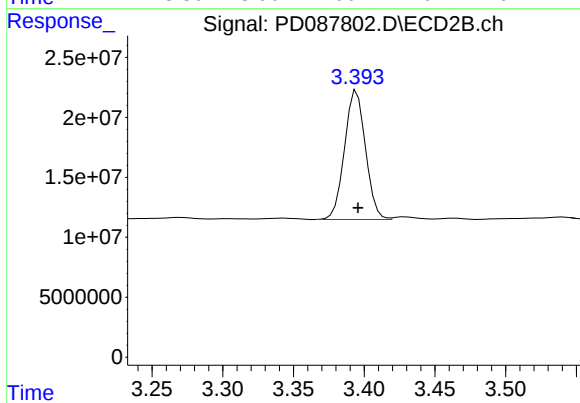
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 242033800
Conc: 20.12 ng/ml



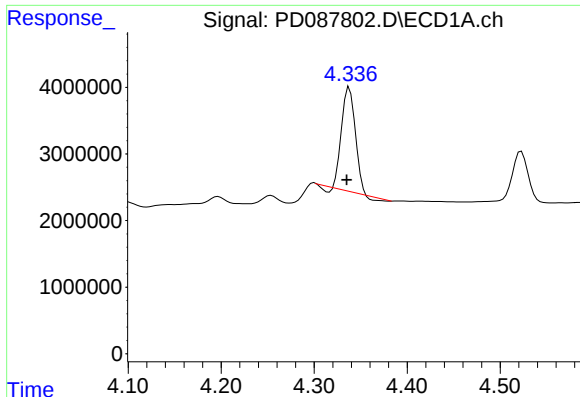
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.003 min
Response: 19700501
Conc: 4.90 ng/ml



#2 alpha-BHC

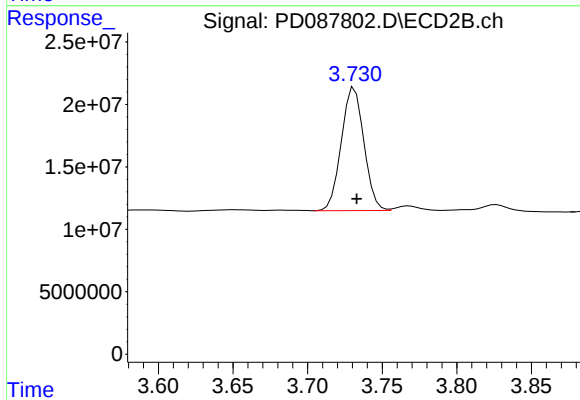
R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 111217809
Conc: 5.95 ng/ml



#3 gamma-BHC (Lindane)

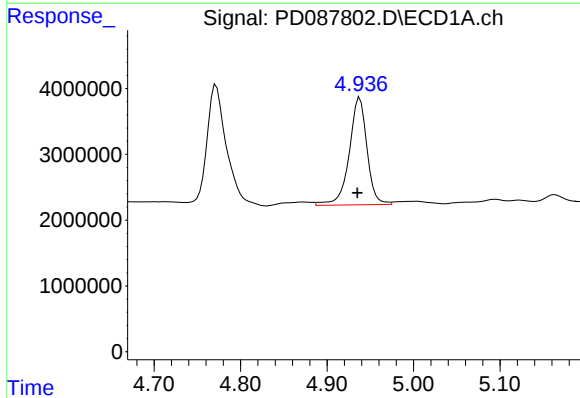
R.T.: 4.338 min
Delta R.T.: 0.003 min
Response: 15459299
Conc: 3.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



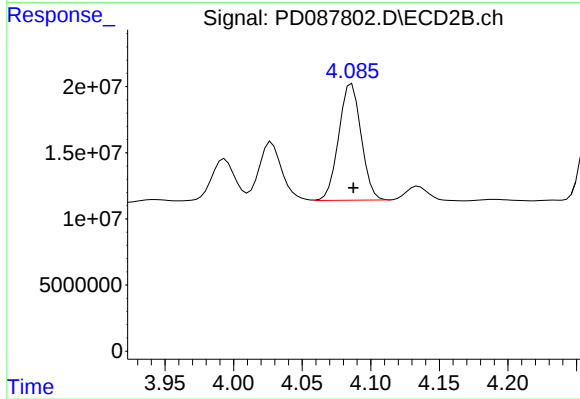
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.001 min
Response: 104126220
Conc: 5.86 ng/ml



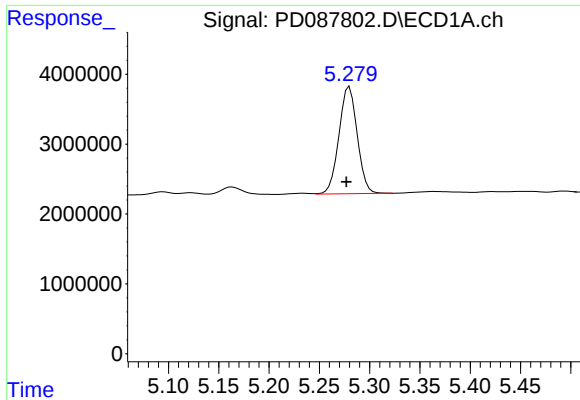
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.003 min
Response: 23242845
Conc: 6.23 ng/ml



#4 Heptachlor

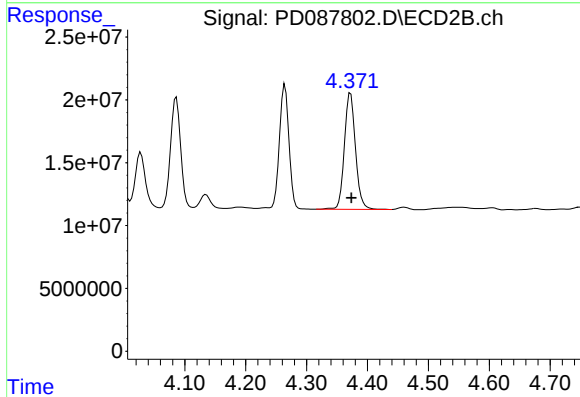
R.T.: 4.086 min
Delta R.T.: -0.001 min
Response: 100189924
Conc: 5.78 ng/ml



#5 Aldrin

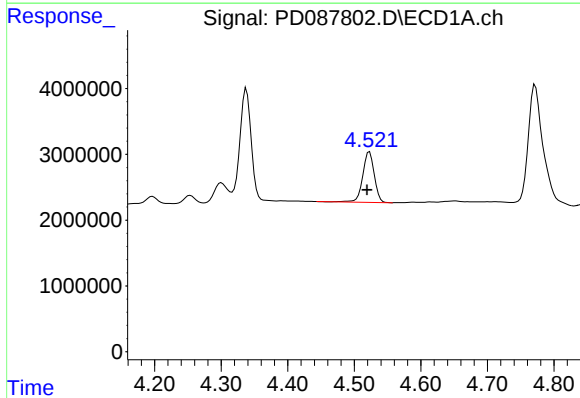
R.T.: 5.280 min
Delta R.T.: 0.003 min
Response: 19360796
Conc: 5.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



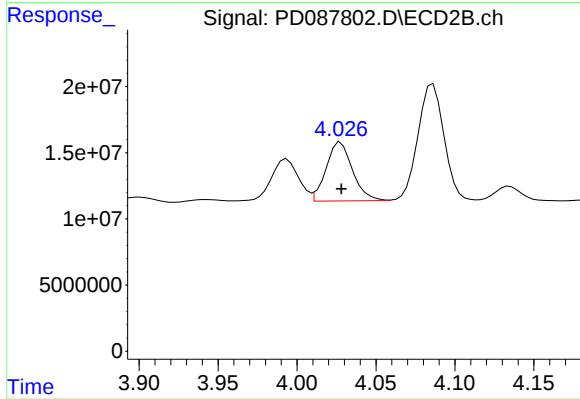
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: -0.001 min
Response: 117705292
Conc: 6.74 ng/ml



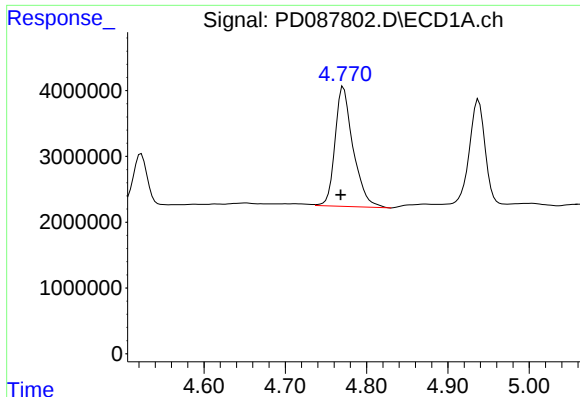
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.004 min
Response: 9279399
Conc: 5.88 ng/ml



#6 beta-BHC

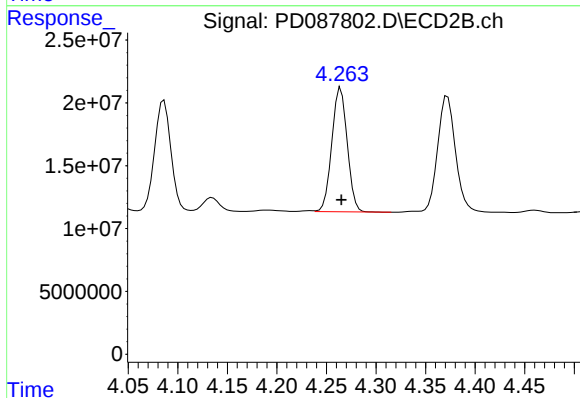
R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 51721337
Conc: 6.78 ng/ml



#7 delta-BHC

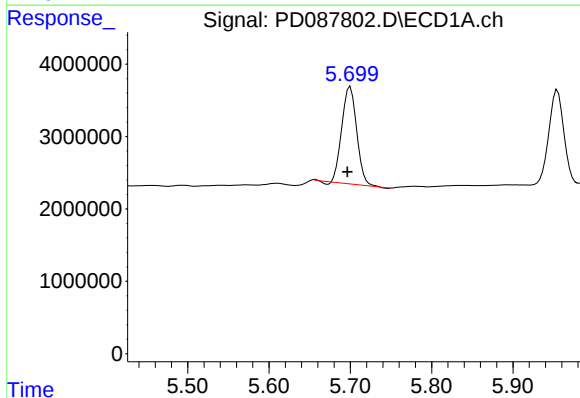
R.T.: 4.772 min
Delta R.T.: 0.004 min
Response: 28165713
Conc: 6.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



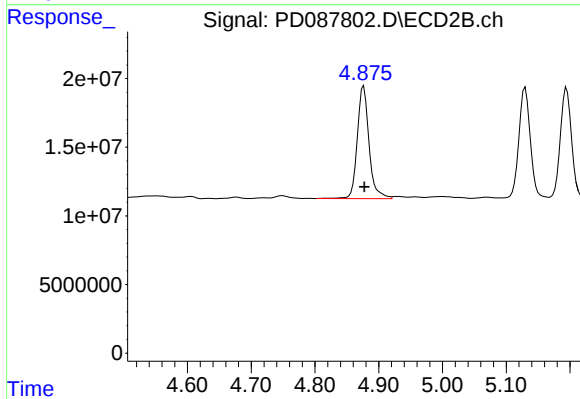
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 106731706
Conc: 5.90 ng/ml



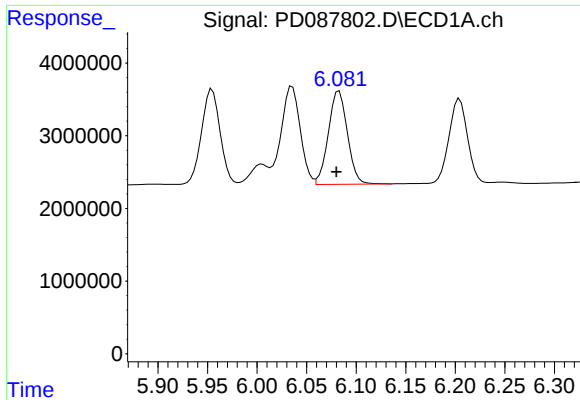
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.004 min
Response: 16868810
Conc: 4.94 ng/ml



#8 Heptachlor epoxide

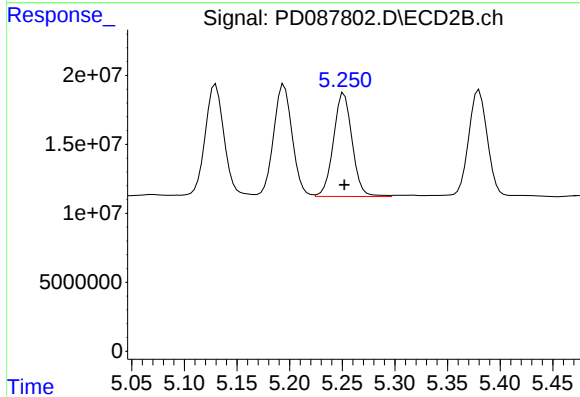
R.T.: 4.876 min
Delta R.T.: -0.001 min
Response: 105125026
Conc: 6.66 ng/ml



#9 Endosulfan I

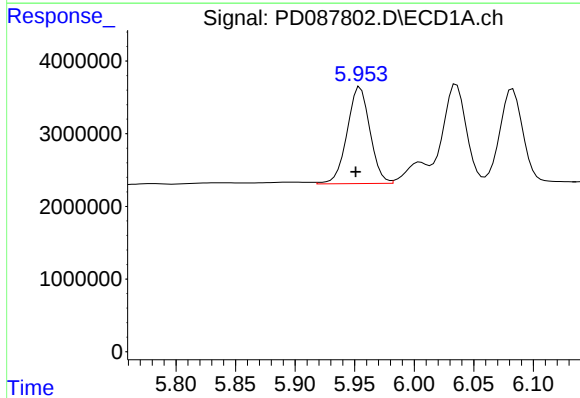
R.T.: 6.083 min
Delta R.T.: 0.003 min
Response: 17201782
Conc: 5.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



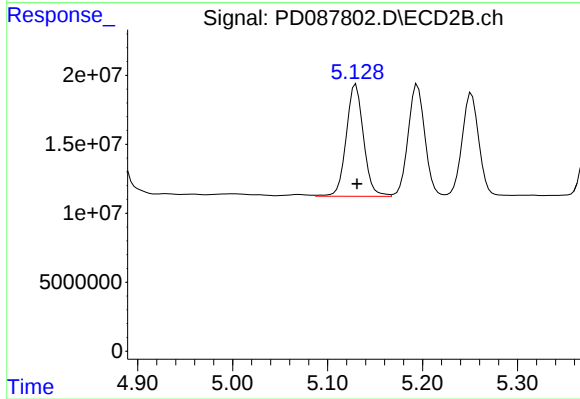
#9 Endosulfan I

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 92673836
Conc: 6.22 ng/ml



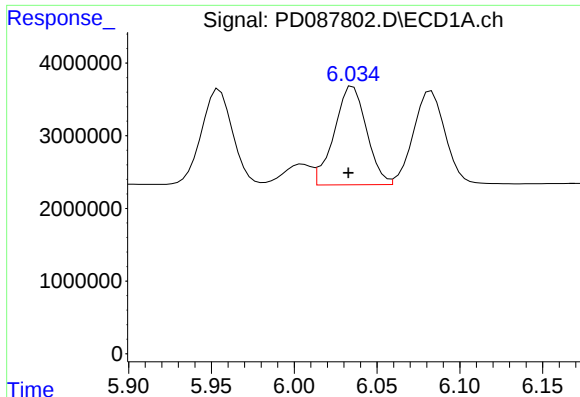
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.004 min
Response: 17752964
Conc: 5.37 ng/ml



#10 gamma-Chlordane

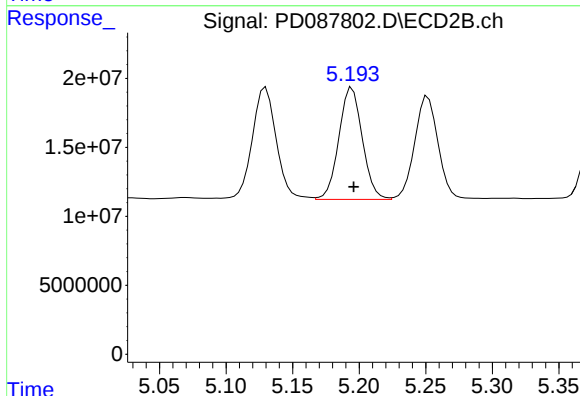
R.T.: 5.130 min
Delta R.T.: -0.001 min
Response: 102692789
Conc: 6.31 ng/ml



#11 alpha-Chlordane

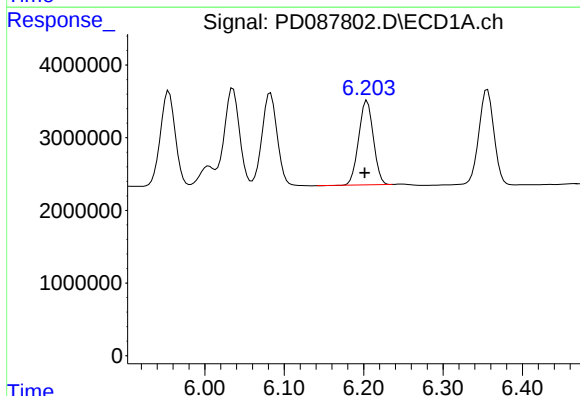
R.T.: 6.035 min
Delta R.T.: 0.003 min
Response: 18474600
Conc: 5.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



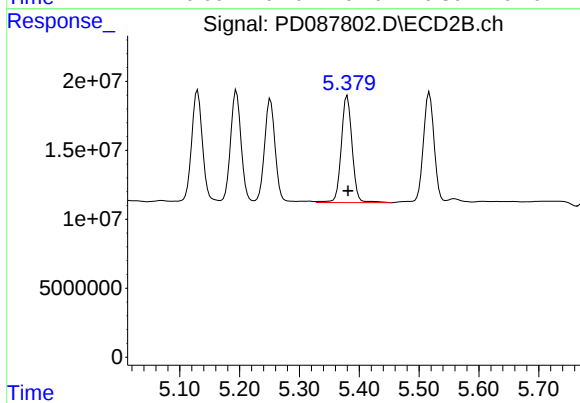
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: -0.001 min
Response: 99643540
Conc: 6.25 ng/ml



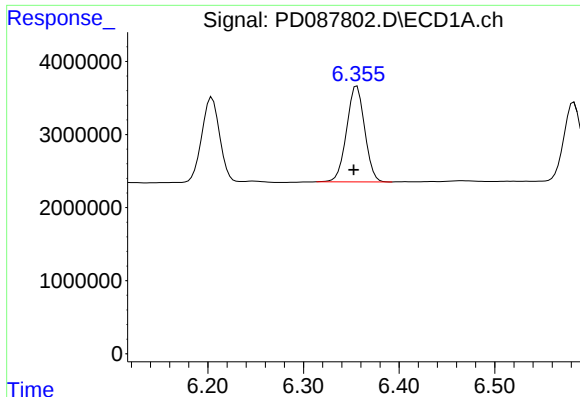
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 14884489
Conc: 4.93 ng/ml



#12 4,4'-DDE

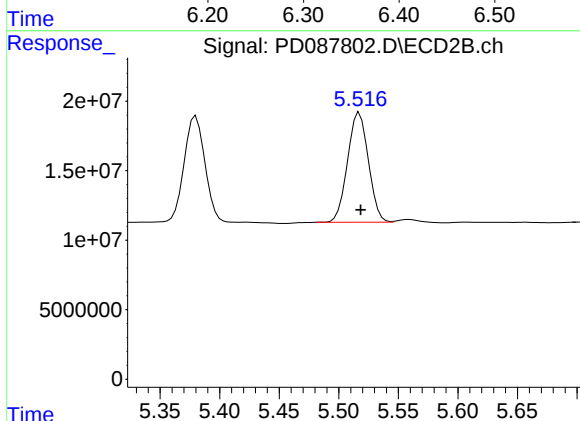
R.T.: 5.380 min
Delta R.T.: -0.001 min
Response: 98430060
Conc: 6.26 ng/ml



#13 Dieldrin

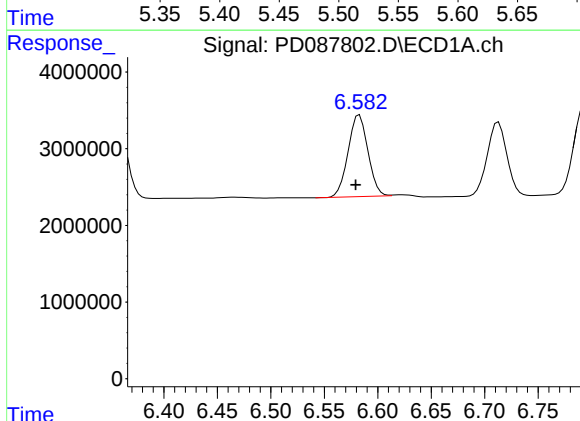
R.T.: 6.356 min
Delta R.T.: 0.003 min
Response: 17275043
Conc: 5.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



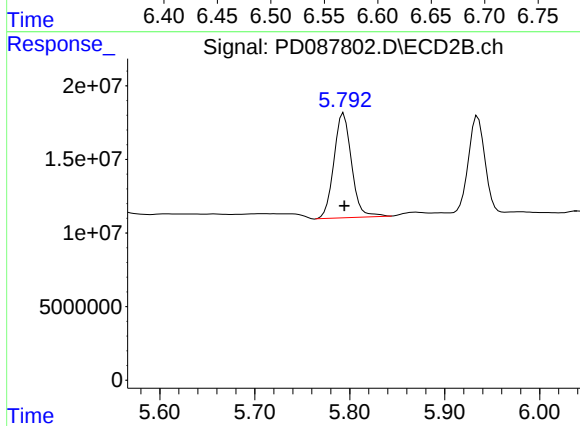
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 96047385
Conc: 5.90 ng/ml



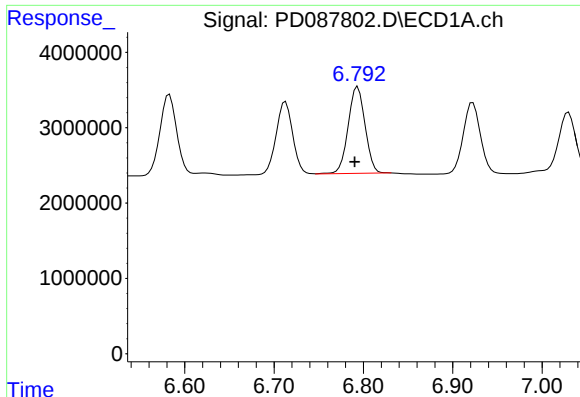
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.004 min
Response: 13744664
Conc: 4.74 ng/ml



#14 Endrin

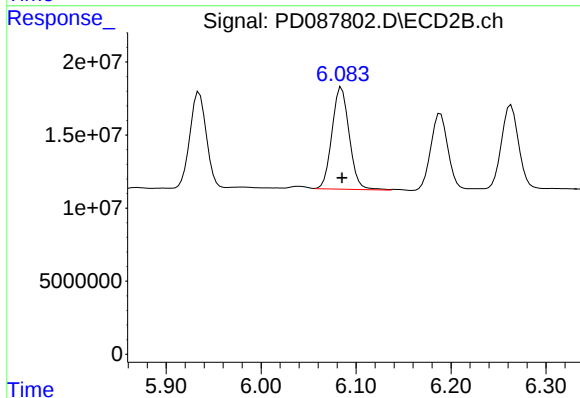
R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 91700429
Conc: 6.16 ng/ml



#15 Endosulfan II

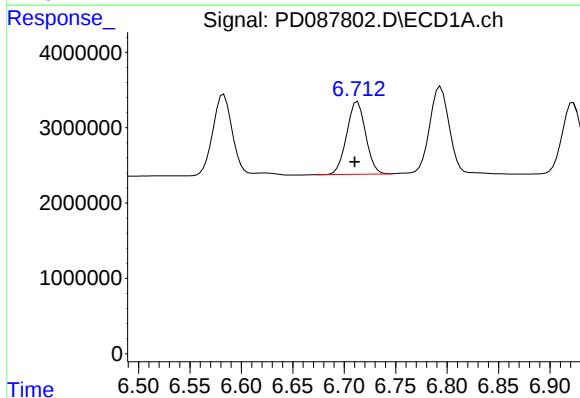
R.T.: 6.794 min
Delta R.T.: 0.003 min
Response: 15110495
Conc: 5.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



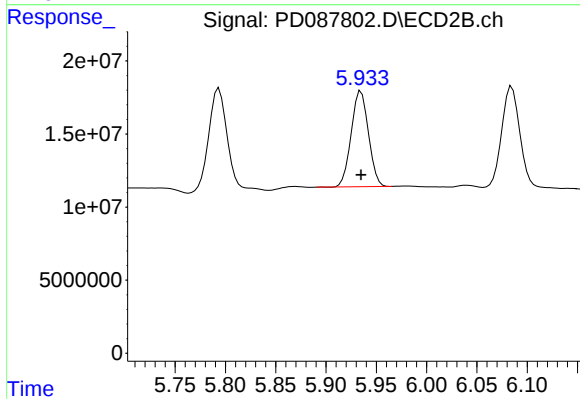
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 88207997
Conc: 6.18 ng/ml



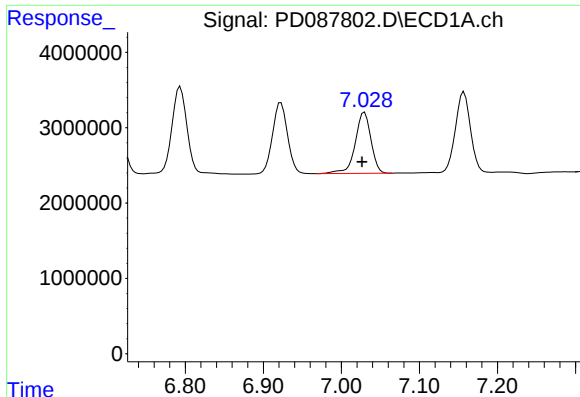
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 12377224
Conc: 5.14 ng/ml



#16 4,4'-DDD

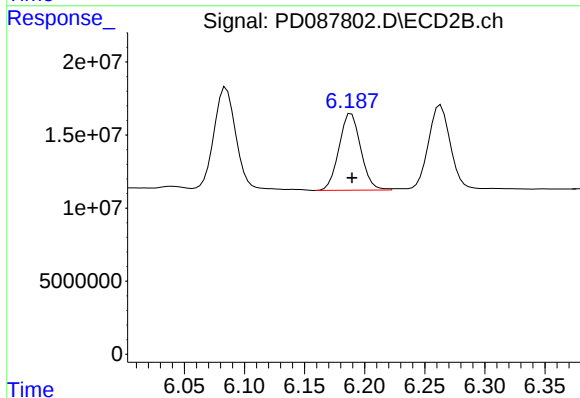
R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 78007504
Conc: 5.90 ng/ml



#17 4,4'-DDT

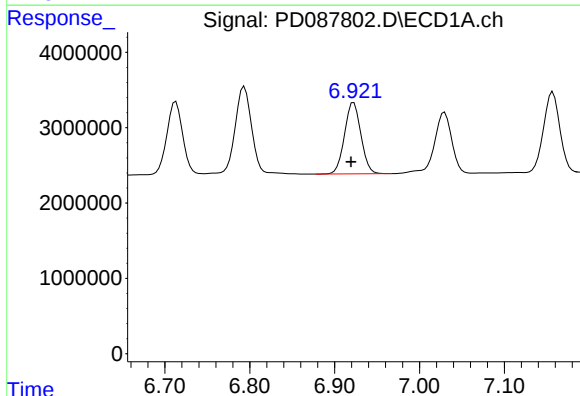
R.T.: 7.030 min
Delta R.T.: 0.003 min
Response: 11387336
Conc: 4.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



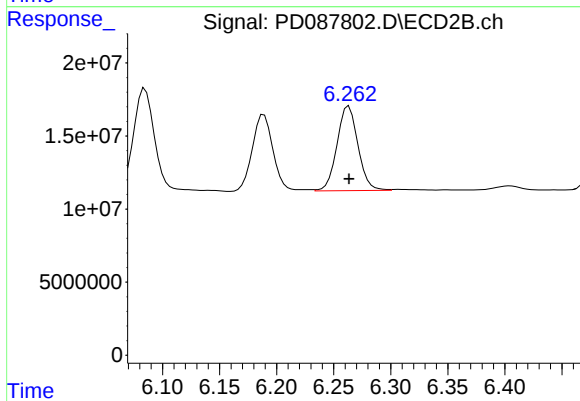
#17 4,4'-DDT

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 66264786
Conc: 4.92 ng/ml



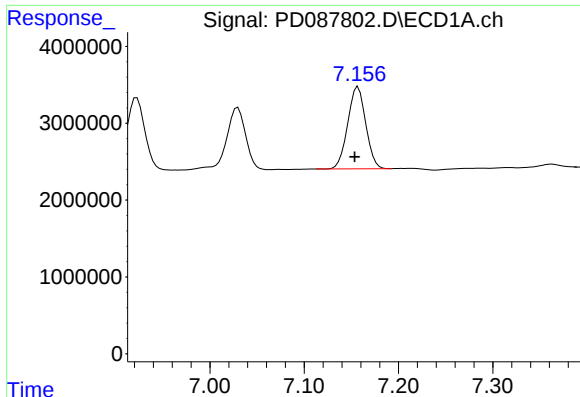
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.003 min
Response: 12695191
Conc: 5.48 ng/ml



#18 Endrin aldehyde

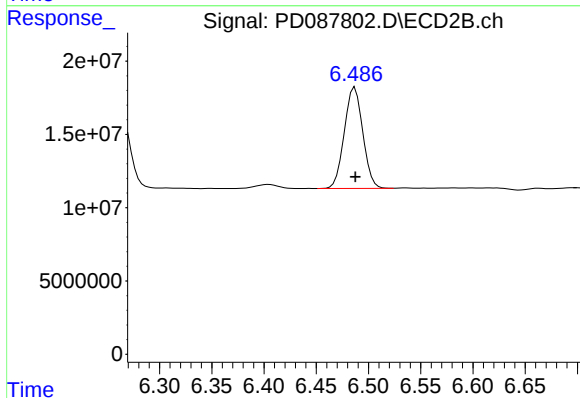
R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 74053000
Conc: 6.35 ng/ml



#19 Endosulfan Sulfate

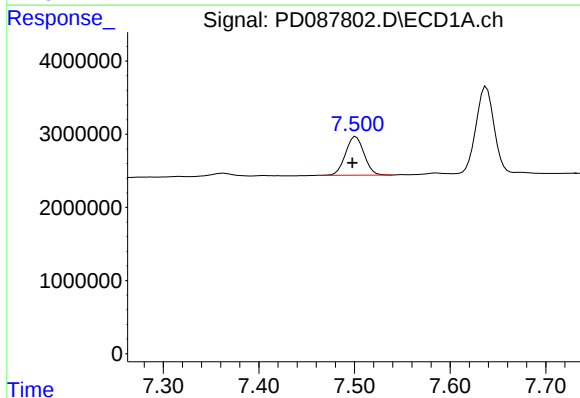
R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 14198164
Conc: 5.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



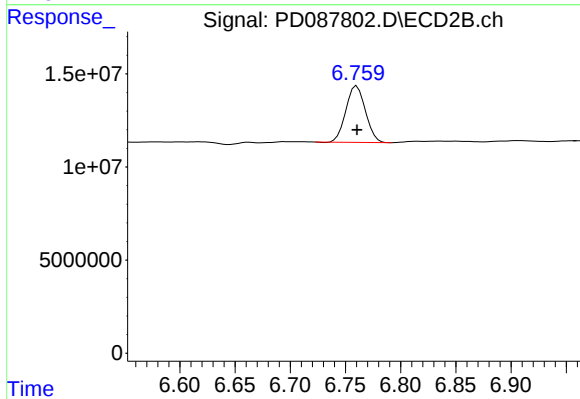
#19 Endosulfan Sulfate

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 84960422
Conc: 5.98 ng/ml



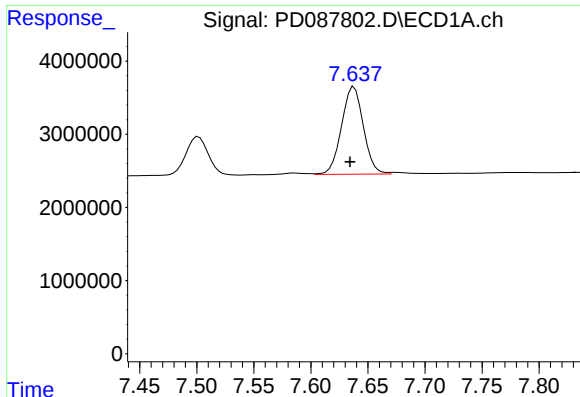
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 7154190
Conc: 4.87 ng/ml



#20 Methoxychlor

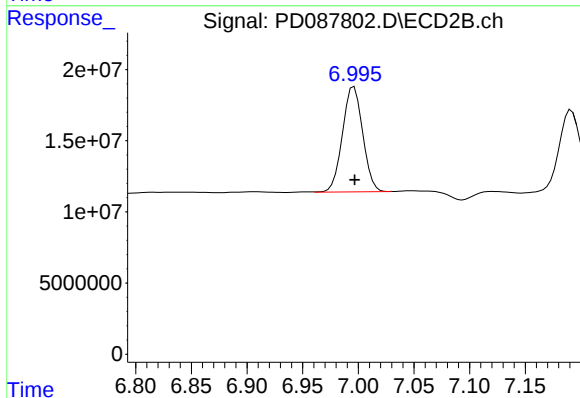
R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 37330291
Conc: 4.88 ng/ml



#21 Endrin ketone

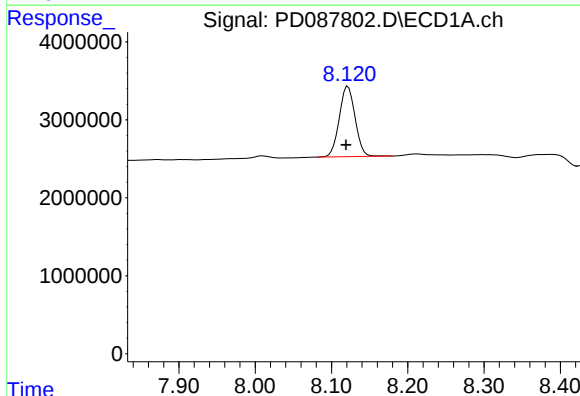
R.T.: 7.638 min
Delta R.T.: 0.003 min
Response: 15923979
Conc: 5.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



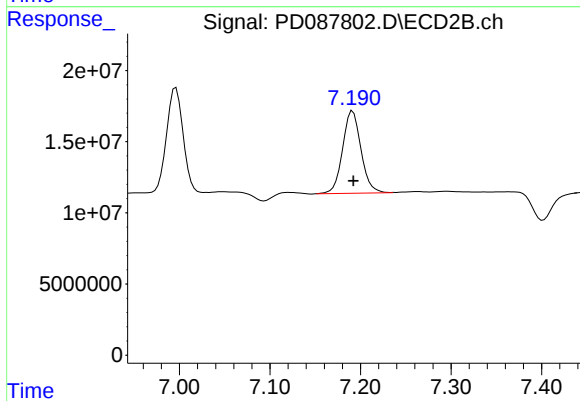
#21 Endrin ketone

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 93692845
Conc: 6.00 ng/ml



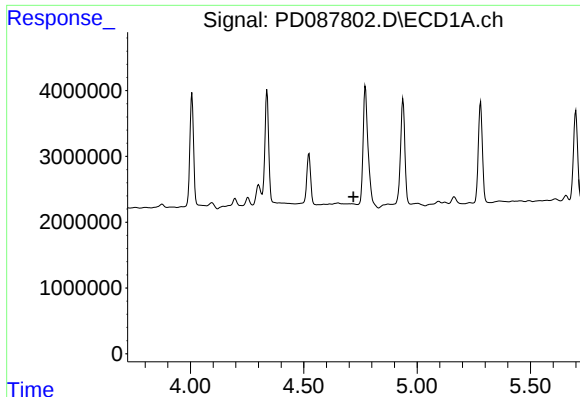
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.002 min
Response: 12983804
Conc: 5.60 ng/ml



#22 Mirex

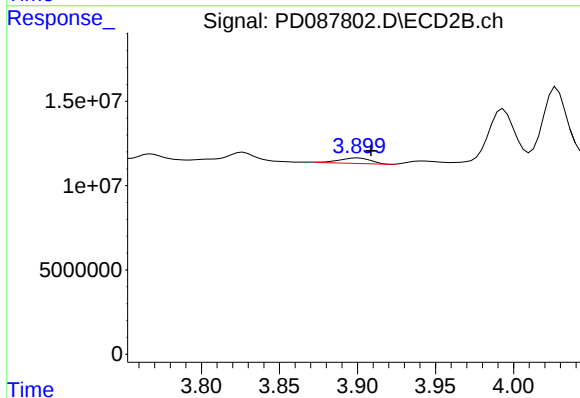
R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 81731694
Conc: 6.45 ng/ml



#23 Chlordane-1

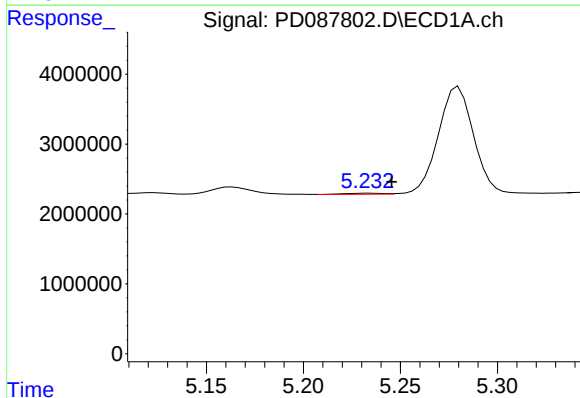
R.T.: 0.000 min
Exp R.T.: 4.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



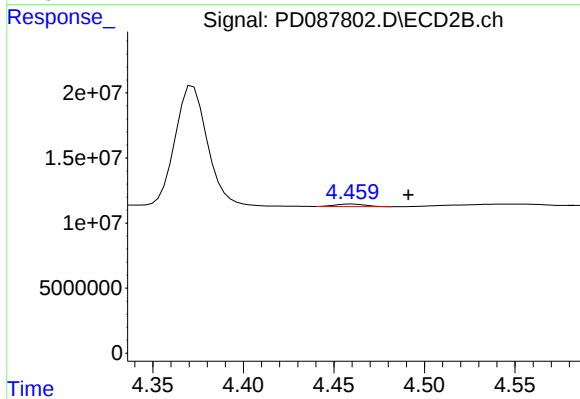
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: -0.008 min
Response: 4584612
Conc: 8.24 ng/ml



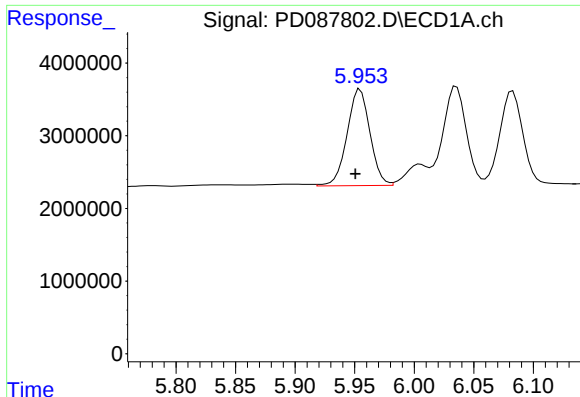
#24 Chlordane-2

R.T.: 5.233 min
Delta R.T.: -0.013 min
Response: 204171
Conc: 1.50 ng/ml



#24 Chlordane-2

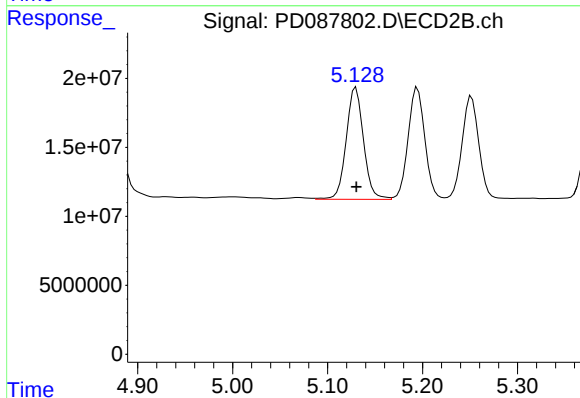
R.T.: 4.460 min
Delta R.T.: -0.031 min
Response: 2244070
Conc: 3.80 ng/ml



#25 Chlordane-3

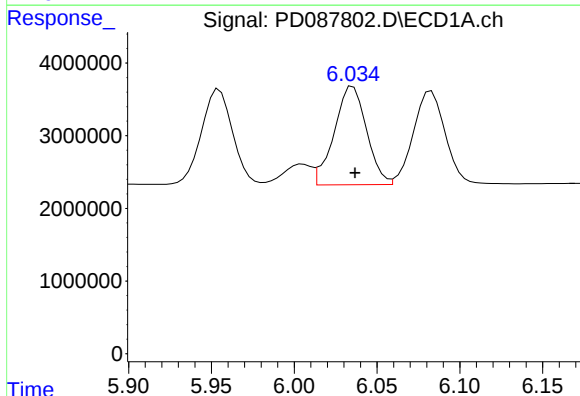
R.T.: 5.955 min
Delta R.T.: 0.004 min
Response: 17752964
Conc: 35.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



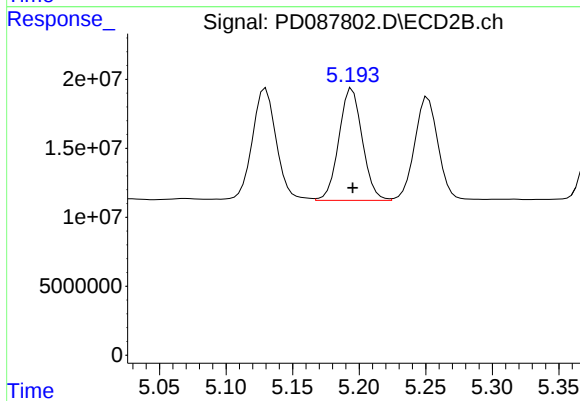
#25 Chlordane-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 102692789
Conc: 58.84 ng/ml



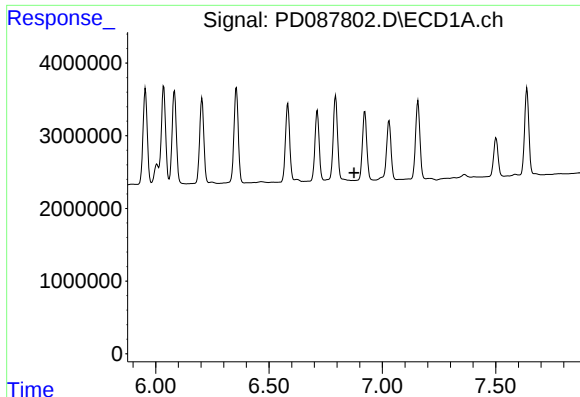
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: -0.001 min
Response: 18474600
Conc: 30.40 ng/ml



#26 Chlordane-4

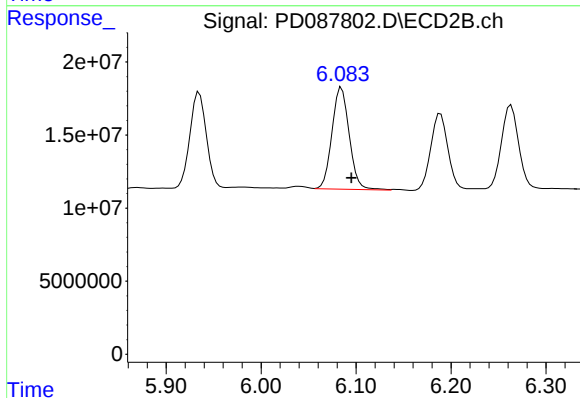
R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 99643540
Conc: 67.53 ng/ml



#27 Chlordane-5

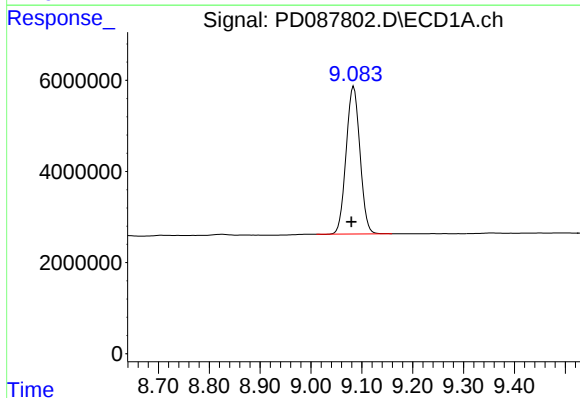
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



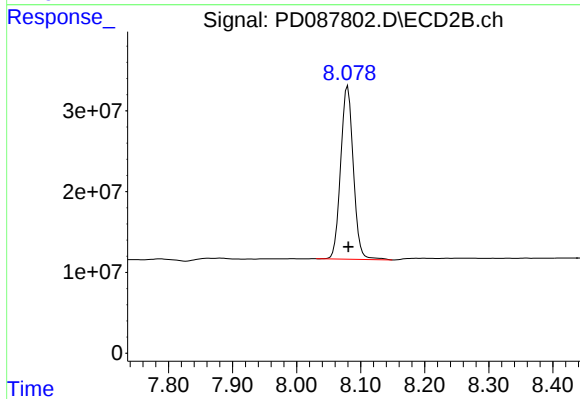
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.010 min
Response: 88207997
Conc: 134.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.004 min
Response: 61105097
Conc: 20.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.080 min
Delta R.T.: 0.000 min
Response: 293796876
Conc: 20.79 ng/ml