

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
 Data File : PD051518.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 02 Mar 2019 3:22
 Operator : AJ\SJ
 Sample : K1560-08
 Misc : PEST LOQ 10 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 04:00:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.224	4.044	27927070	642.6E6	21.062	22.409
28)	SA Decachlor...	7.824	9.158	27772859	436.8E6	24.433	23.909
Target Compounds							
2)	A alpha-BHC	3.644	4.436	20066358	487.6E6	9.141	11.175
3)	MA gamma-BHC...	3.912	4.723	20590232	453.8E6	9.855	11.458
4)	MA Heptachlor	4.190	5.237	21108333	457.9E6	9.839	11.941
5)	MB Aldrin	4.422	5.544	19814823	425.8E6	9.734	11.888
6)	B beta-BHC	4.158	4.893	9490135	219.2E6	10.778	12.197
7)	B delta-BHC	4.347	5.113	18810935	431.8E6	9.276	12.563 #
8)	B Heptachlo...	4.849	5.932	19955200	391.2E6	10.150	12.201
9)	A Endosulfan I	5.171	6.291	18889092	372.7E6	10.192	12.573
10)	B gamma-Chl...	5.067	6.167	20408595	396.5E6	10.072	12.400
11)	B alpha-Chl...	5.123	6.240	20668845	391.3E6	10.284	12.347
12)	B 4,4'-DDE	5.293	6.396	17955073	374.9E6	9.584	12.121 #
13)	MA Dieldrin	5.407	6.549	19942172	370.0E6	9.920	11.990
14)	MA Endrin	5.653	6.768	19119834	314.7E6	9.979	12.051
15)	B Endosulfa...	5.923	6.977	19496498	336.4E6	10.819	13.059
16)	A 4,4'-DDD	5.793	6.888	14986165	318.5E6	9.518	12.966 #
17)	MA 4,4'-DDT	6.025	7.188	16968609	236.7E6	10.621	11.684
18)	B Endrin al...	6.090	7.101	16309640	268.2E6	11.026	12.508
19)	B Endosulfa...	6.298	7.325	18069206	293.9E6	10.929	12.537
20)	A Methoxychlor	6.571	7.647	10041377	137.6E6	11.307	12.504
21)	B Endrin ke...	6.774	7.799	20511343	276.9E6	11.081	12.256
22)	Mirex	6.943	8.257	15025644	199.1E6	11.945	12.866
24)	Chlordane-2	0.000	5.544f	0	425.8E6	N.D.	300.282 #
25)	Chlordane-3	5.067	6.167	20408595	396.5E6	87.688	89.046
26)	Chlordane-4	5.123	6.240	20668845	391.3E6	92.434	74.720
27)	Chlordane-5	5.923	7.052	19496498	574505	271.438	0.567 #

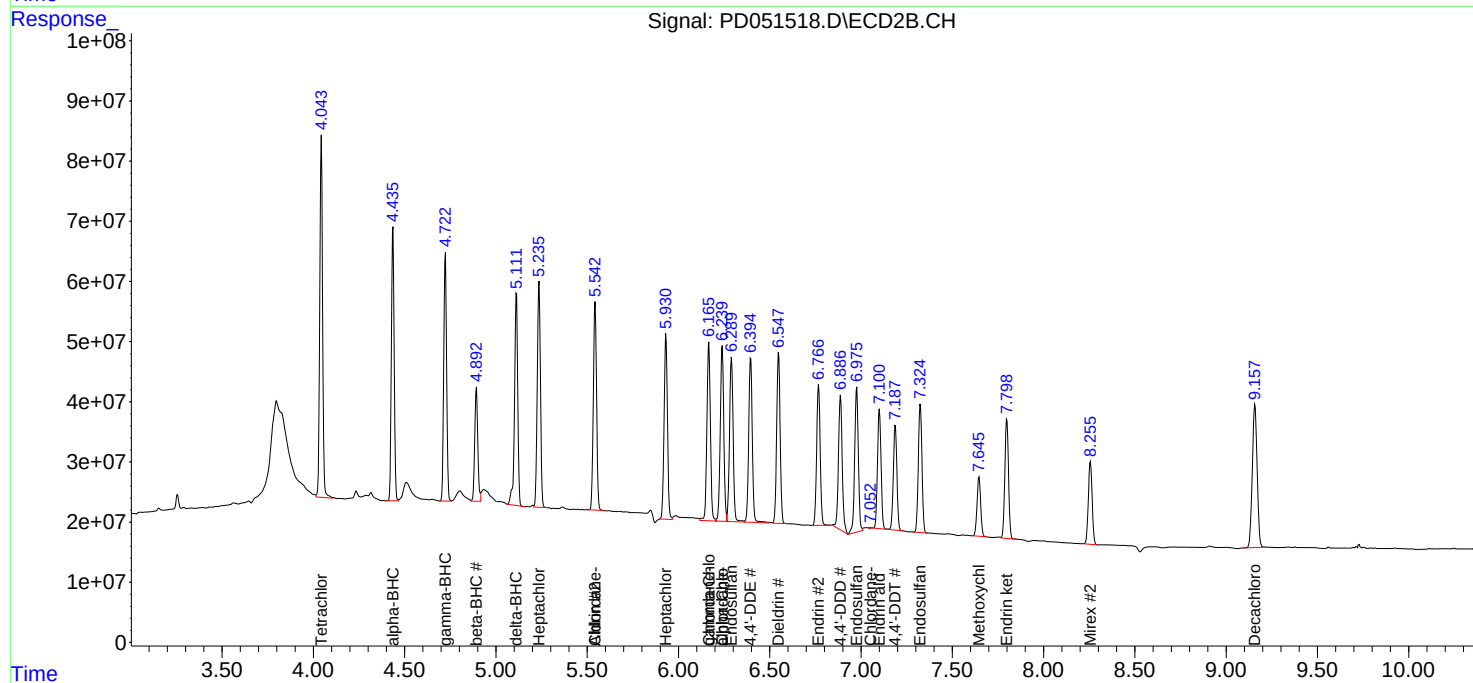
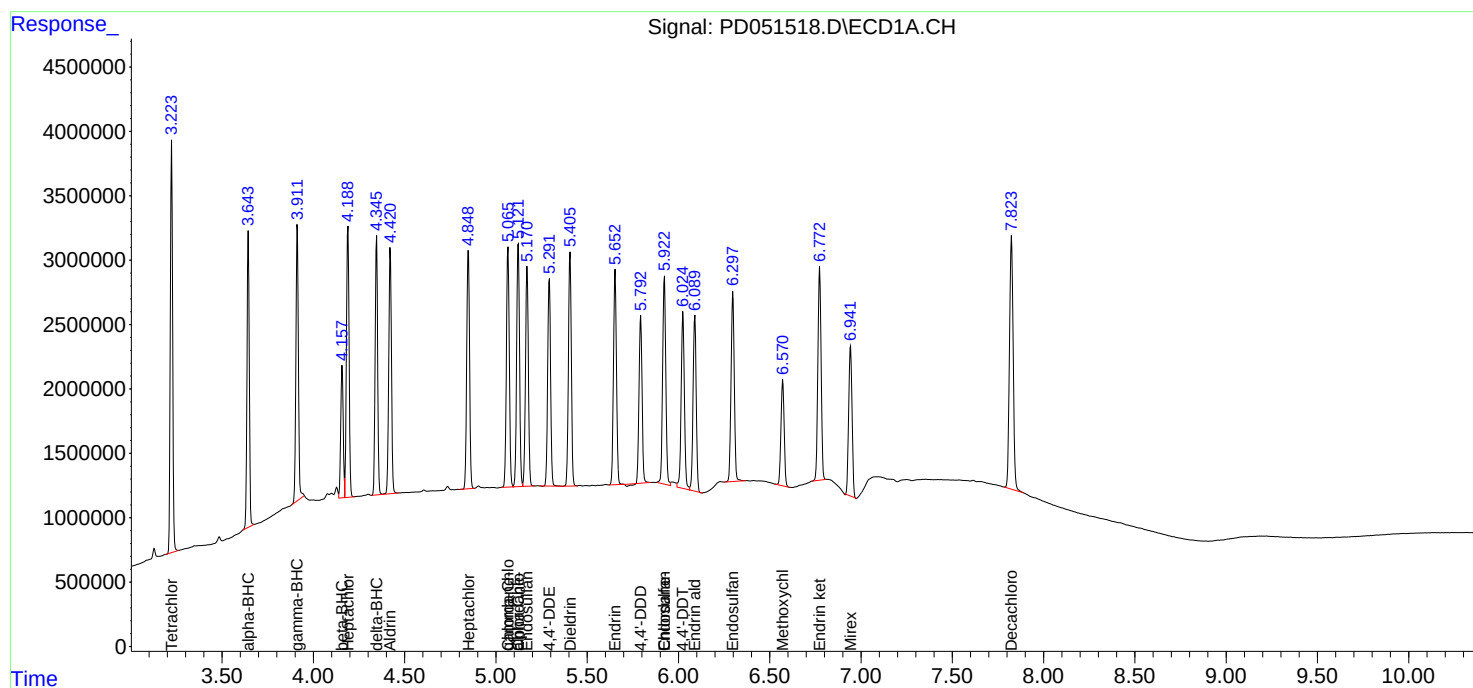
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

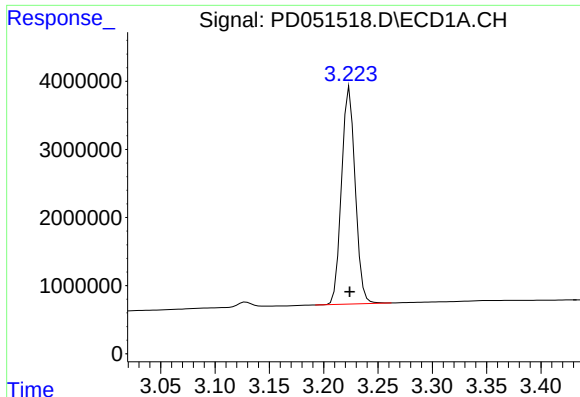
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
Data File : PD051518.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Mar 2019 3:22
Operator : AJ\SJ
Sample : K1560-08
Misc : PEST LOQ 10 PPB
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 02 04:00:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 01 23:43:17 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

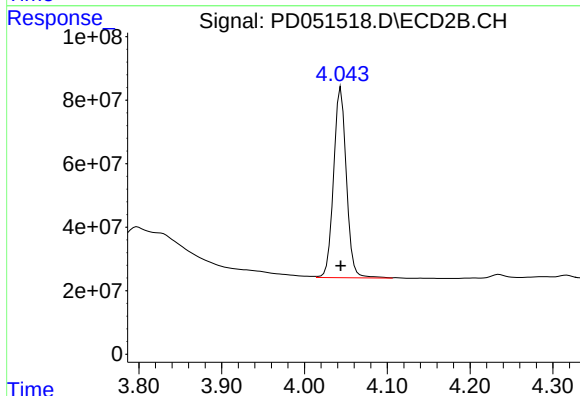




#1 Tetrachloro-m-xylene

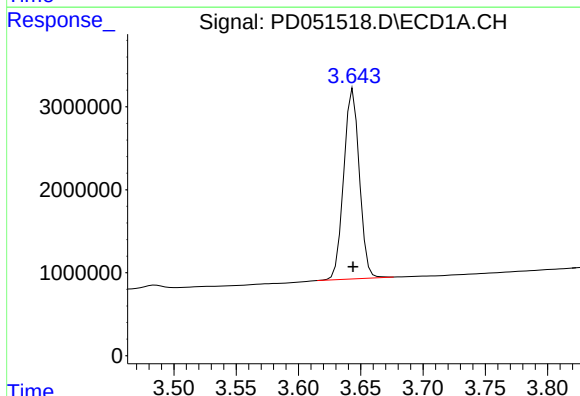
R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 27927070
Conc: 21.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



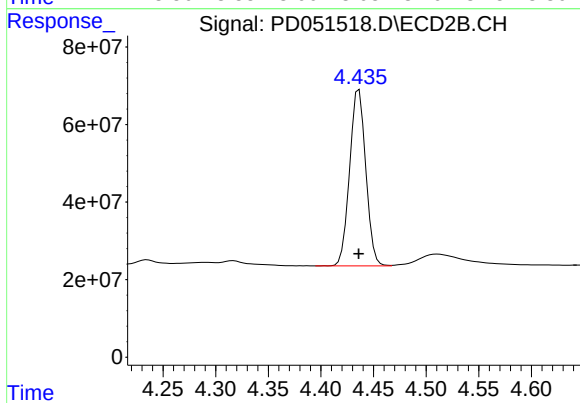
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 642633828
Conc: 22.41 ng/ml



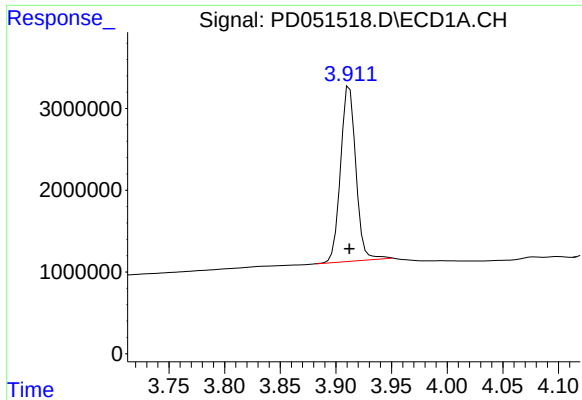
#2 alpha-BHC

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 20066358
Conc: 9.14 ng/ml



#2 alpha-BHC

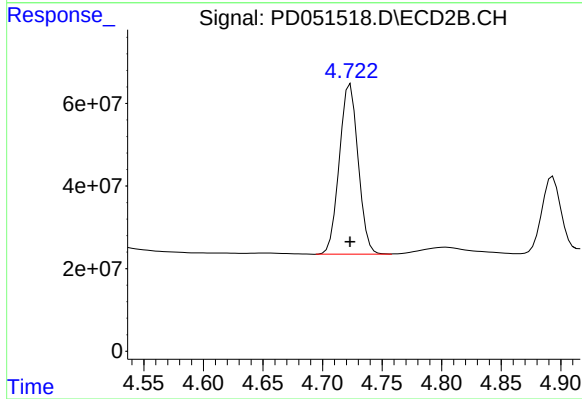
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 487579823
Conc: 11.18 ng/ml



#3 gamma-BHC (Lindane)

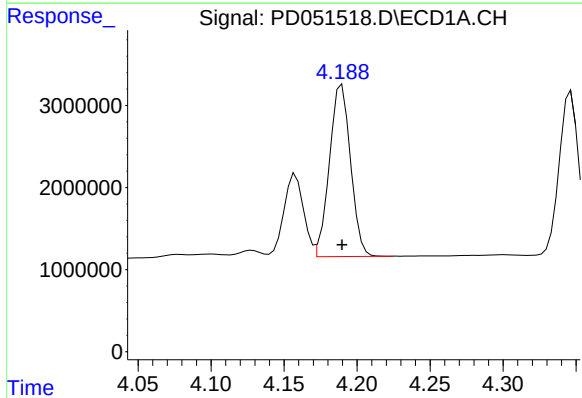
R.T.: 3.912 min
Delta R.T.: 0.000 min
Response: 20590232
Conc: 9.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



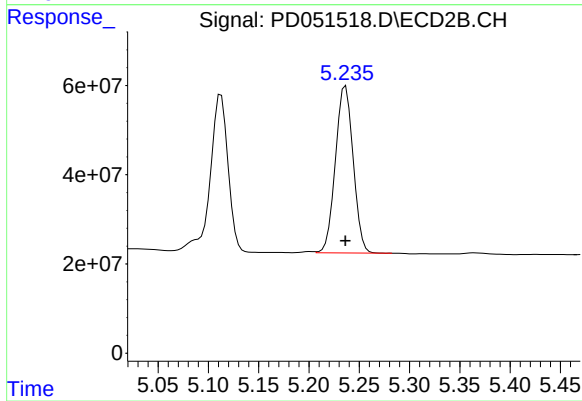
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 453830449
Conc: 11.46 ng/ml



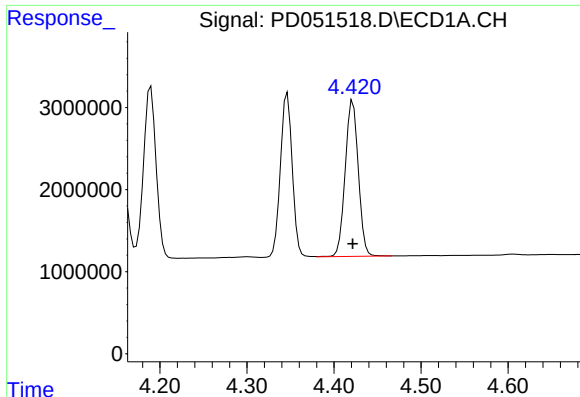
#4 Heptachlor

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 21108333
Conc: 9.84 ng/ml



#4 Heptachlor

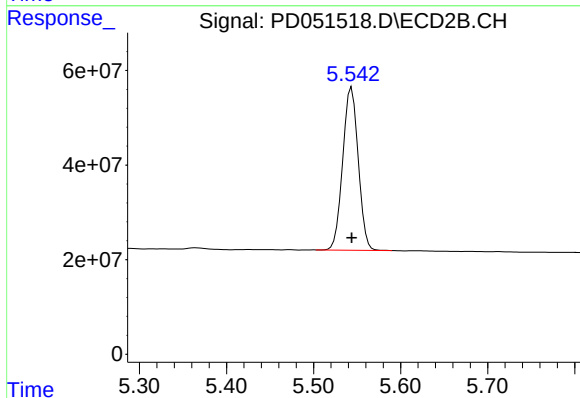
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 457935605
Conc: 11.94 ng/ml



#5 Aldrin

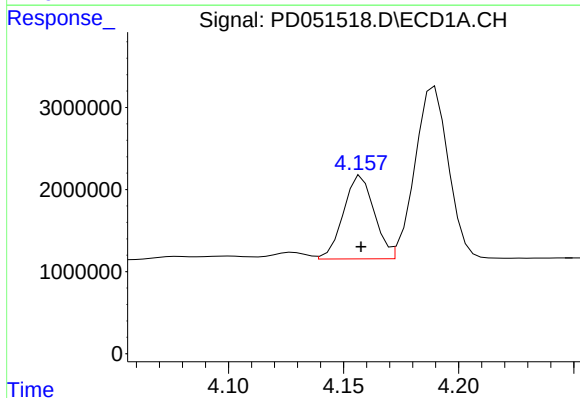
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 19814823
Conc: 9.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



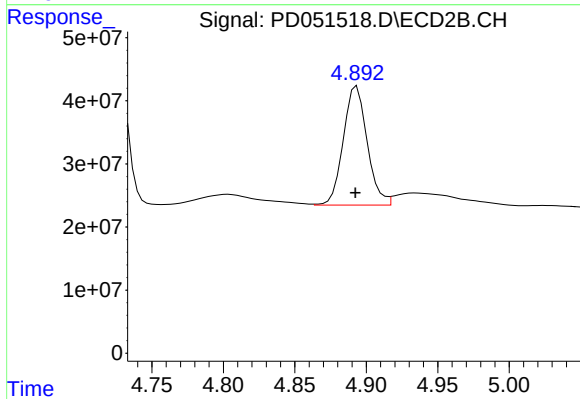
#5 Aldrin

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 425797601
Conc: 11.89 ng/ml



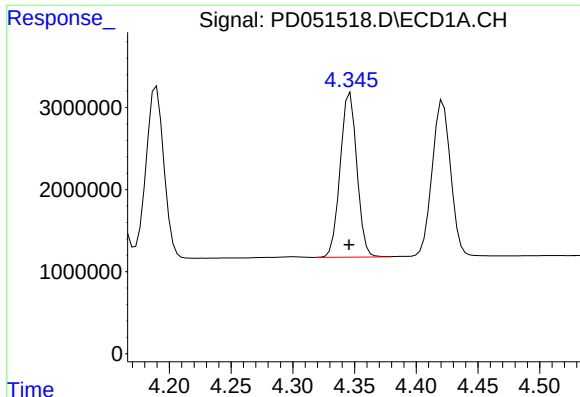
#6 beta-BHC

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 9490135
Conc: 10.78 ng/ml



#6 beta-BHC

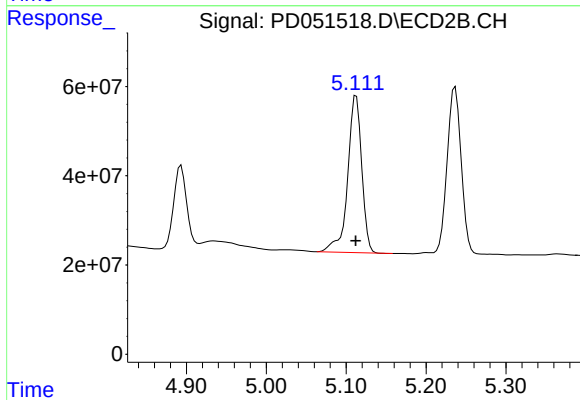
R.T.: 4.893 min
Delta R.T.: 0.001 min
Response: 219211924
Conc: 12.20 ng/ml



#7 delta-BHC

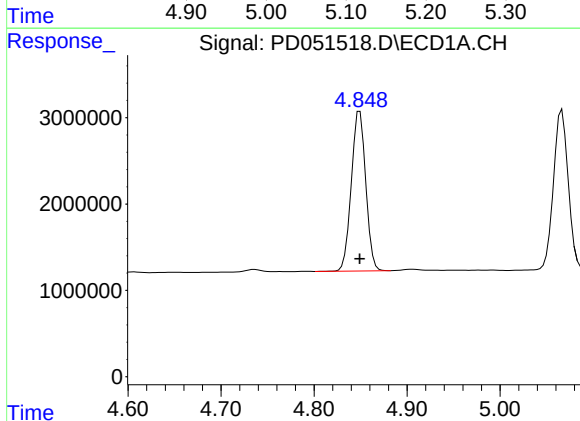
R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 18810935
Conc: 9.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



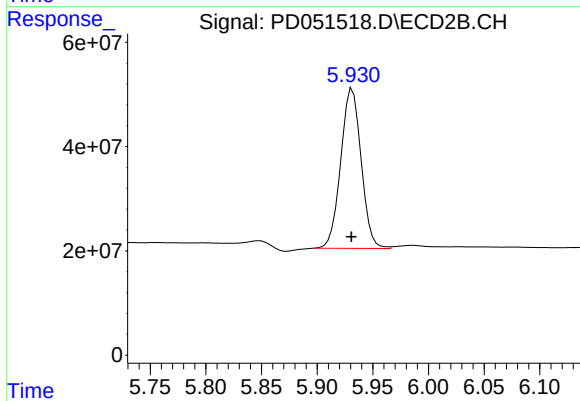
#7 delta-BHC

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 431752457
Conc: 12.56 ng/ml



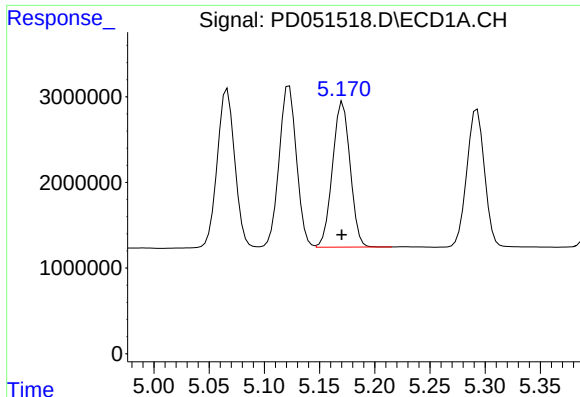
#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 19955200
Conc: 10.15 ng/ml



#8 Heptachlor epoxide

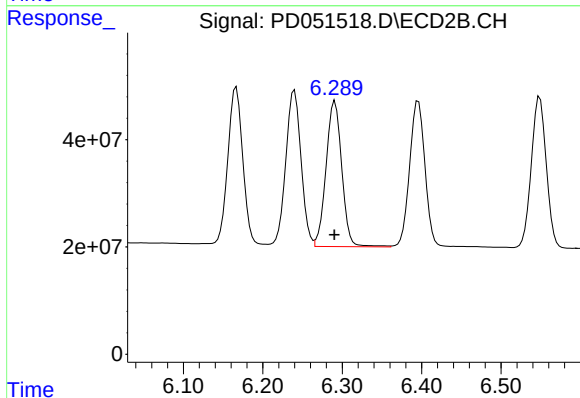
R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 391239936
Conc: 12.20 ng/ml



#9 Endosulfan I

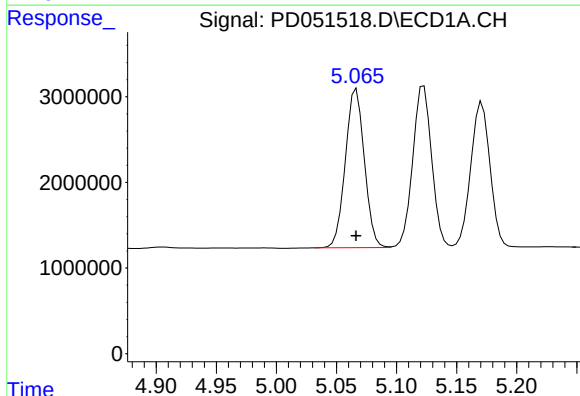
R.T.: 5.171 min
Delta R.T.: 0.001 min
Response: 18889092
Conc: 10.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



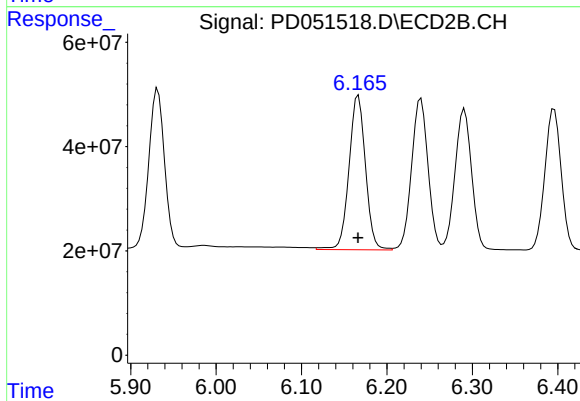
#9 Endosulfan I

R.T.: 6.291 min
Delta R.T.: 0.000 min
Response: 372740502
Conc: 12.57 ng/ml



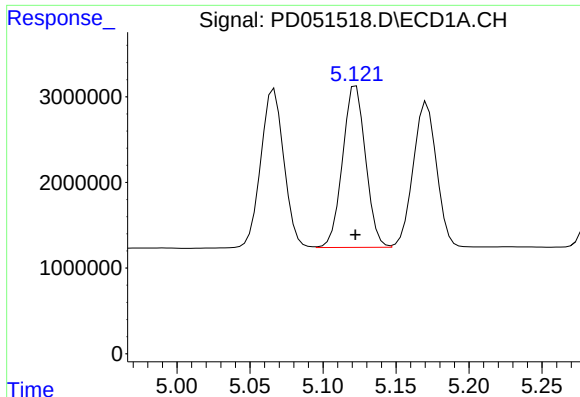
#10 gamma-Chlordane

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 20408595
Conc: 10.07 ng/ml



#10 gamma-Chlordane

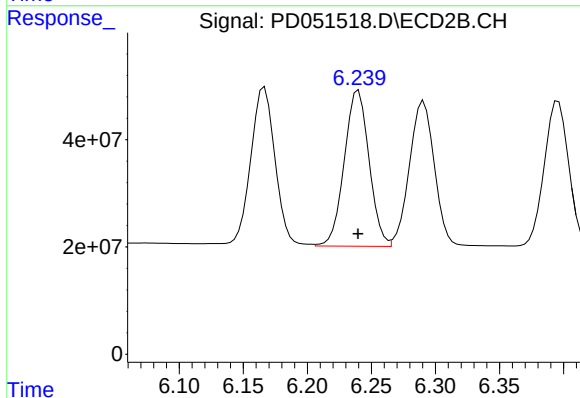
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 396532968
Conc: 12.40 ng/ml



#11 alpha-Chlordane

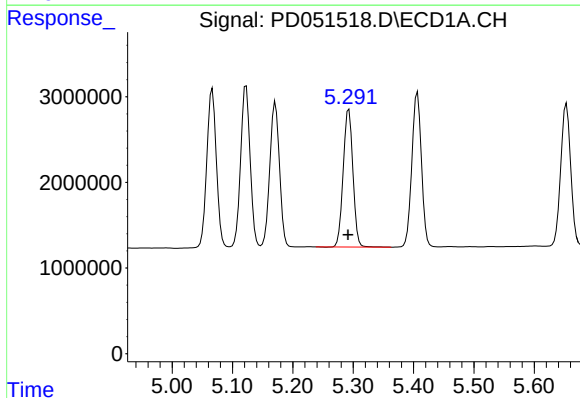
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 20668845
Conc: 10.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



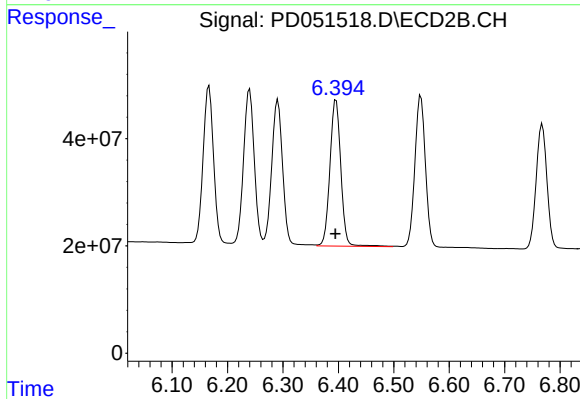
#11 alpha-Chlordane

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 391312929
Conc: 12.35 ng/ml



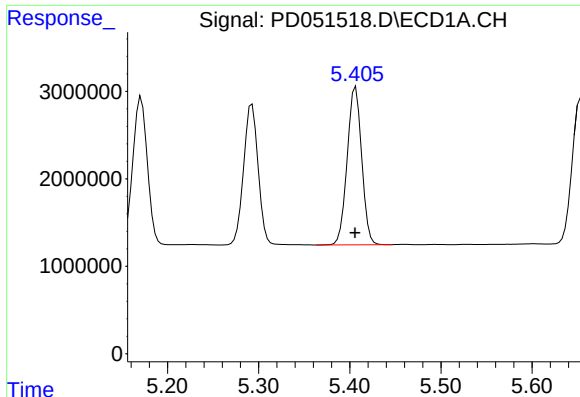
#12 4,4'-DDE

R.T.: 5.293 min
Delta R.T.: 0.001 min
Response: 17955073
Conc: 9.58 ng/ml



#12 4,4'-DDE

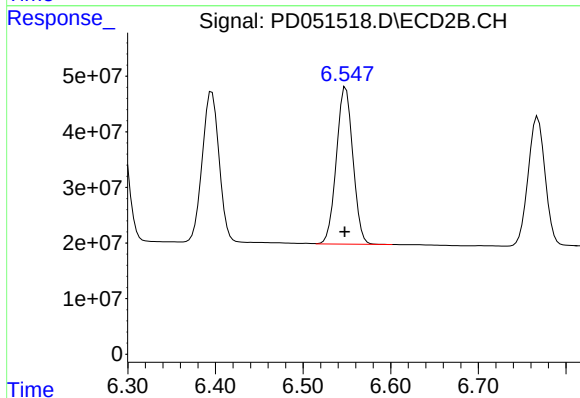
R.T.: 6.396 min
Delta R.T.: 0.001 min
Response: 374900484
Conc: 12.12 ng/ml



#13 Dieldrin

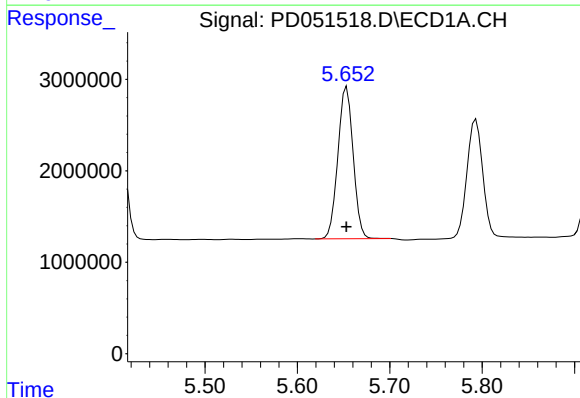
R.T.: 5.407 min
Delta R.T.: 0.000 min
Response: 19942172
Conc: 9.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



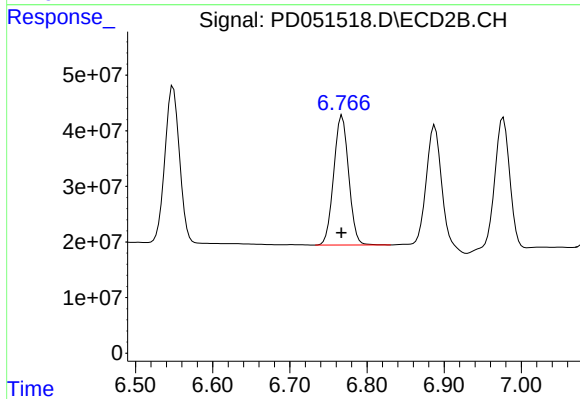
#13 Dieldrin

R.T.: 6.549 min
Delta R.T.: 0.001 min
Response: 369955447
Conc: 11.99 ng/ml



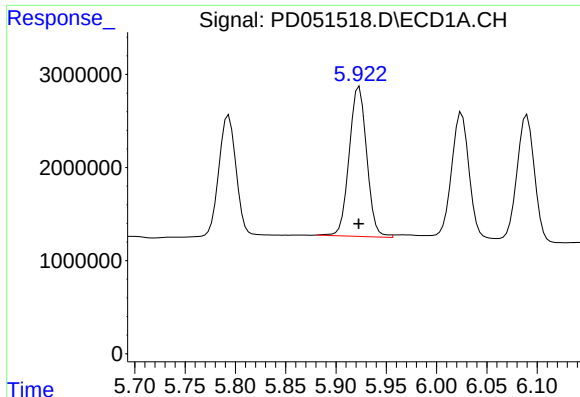
#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 19119834
Conc: 9.98 ng/ml



#14 Endrin

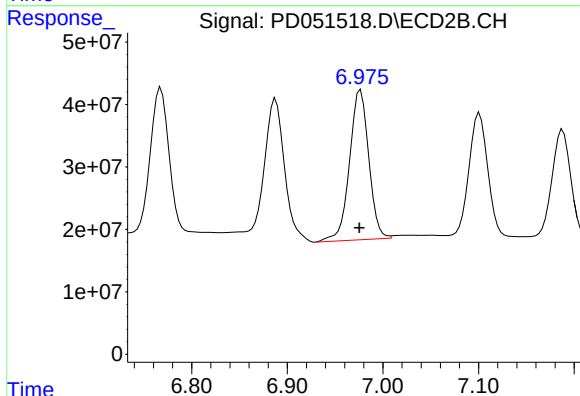
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 314685567
Conc: 12.05 ng/ml



#15 Endosulfan II

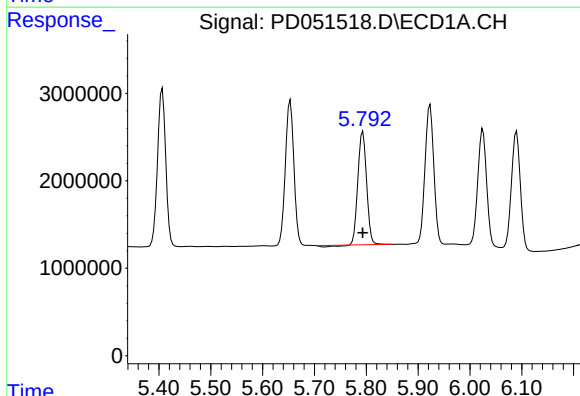
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 19496498
Conc: 10.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



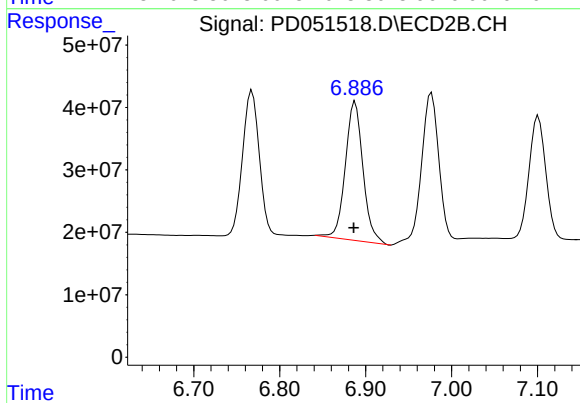
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: 0.001 min
Response: 336383572
Conc: 13.06 ng/ml



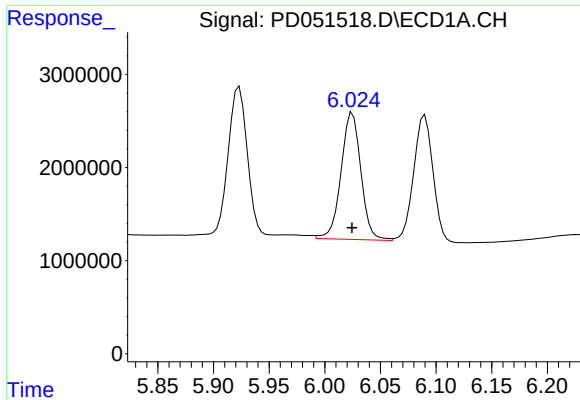
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 14986165
Conc: 9.52 ng/ml



#16 4,4'-DDD

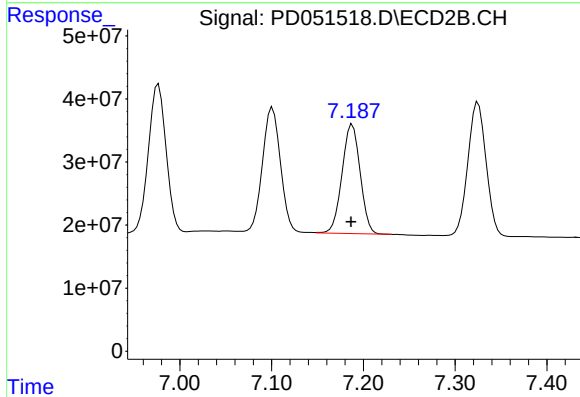
R.T.: 6.888 min
Delta R.T.: 0.002 min
Response: 318461196
Conc: 12.97 ng/ml



#17 4,4'-DDT

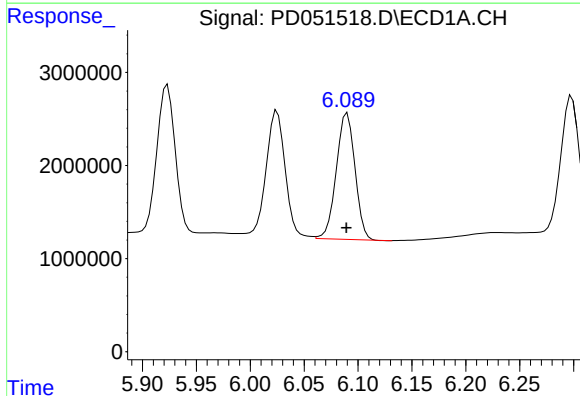
R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 16968609
Conc: 10.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



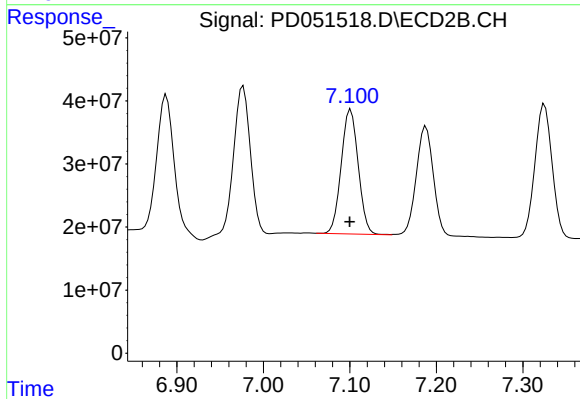
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.001 min
Response: 236676570
Conc: 11.68 ng/ml



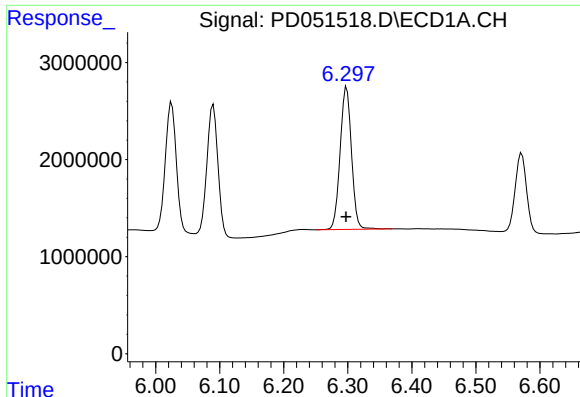
#18 Endrin aldehyde

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 16309640
Conc: 11.03 ng/ml



#18 Endrin aldehyde

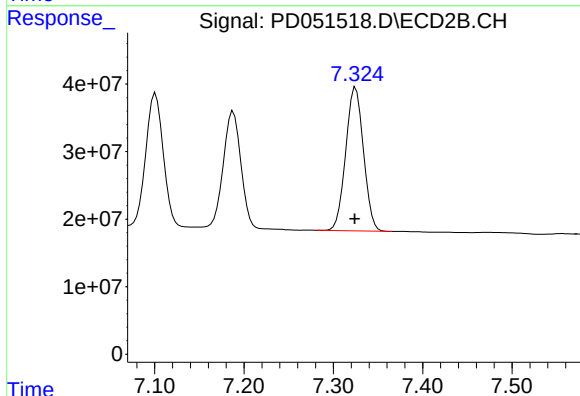
R.T.: 7.101 min
Delta R.T.: 0.001 min
Response: 268185685
Conc: 12.51 ng/ml



#19 Endosulfan Sulfate

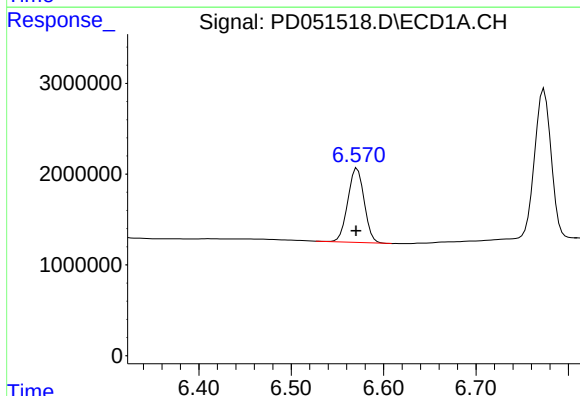
R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 18069206
Conc: 10.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



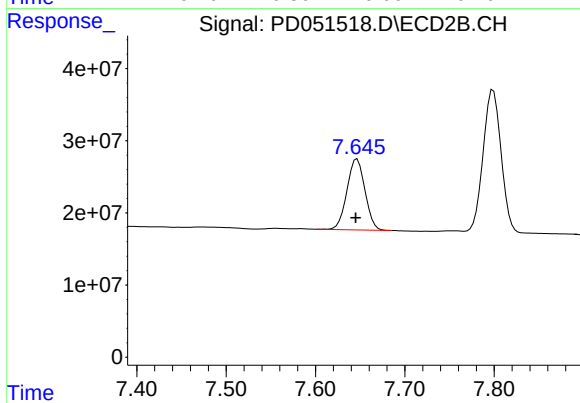
#19 Endosulfan Sulfate

R.T.: 7.325 min
Delta R.T.: 0.001 min
Response: 293870735
Conc: 12.54 ng/ml



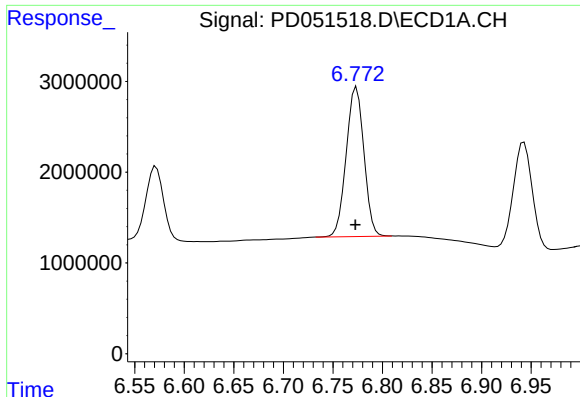
#20 Methoxychlor

R.T.: 6.571 min
Delta R.T.: 0.001 min
Response: 10041377
Conc: 11.31 ng/ml



#20 Methoxychlor

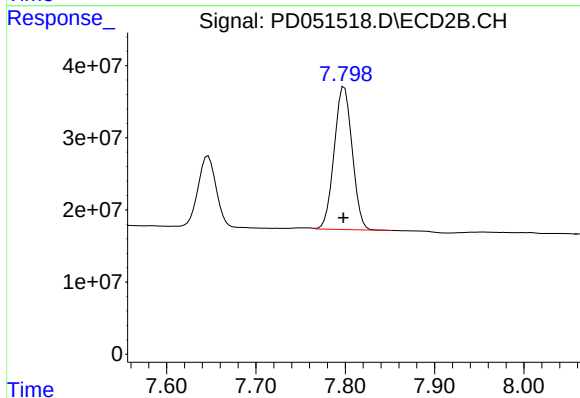
R.T.: 7.647 min
Delta R.T.: 0.001 min
Response: 137633435
Conc: 12.50 ng/ml



#21 Endrin ketone

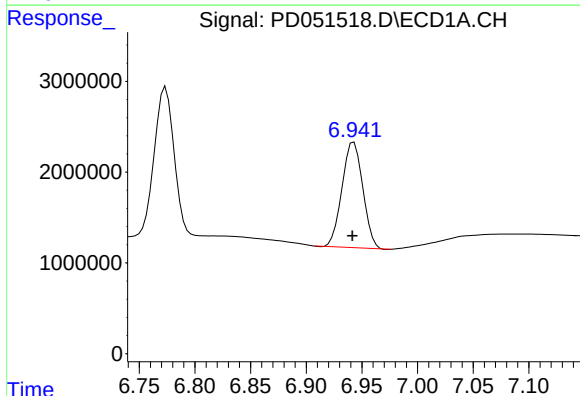
R.T.: 6.774 min
Delta R.T.: 0.001 min
Response: 20511343
Conc: 11.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



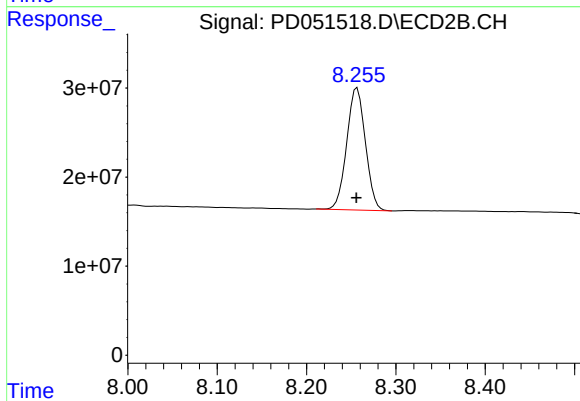
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.001 min
Response: 276887411
Conc: 12.26 ng/ml



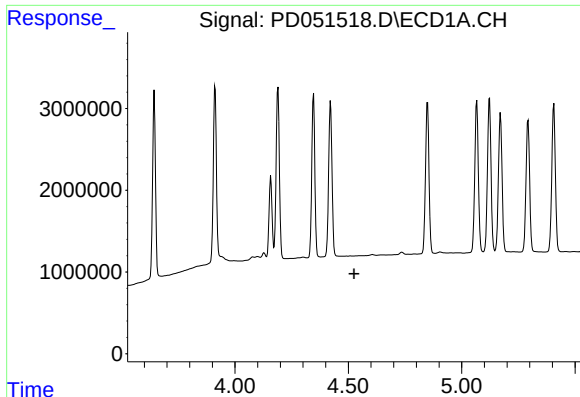
#22 Mirex

R.T.: 6.943 min
Delta R.T.: 0.001 min
Response: 15025644
Conc: 11.94 ng/ml



#22 Mirex

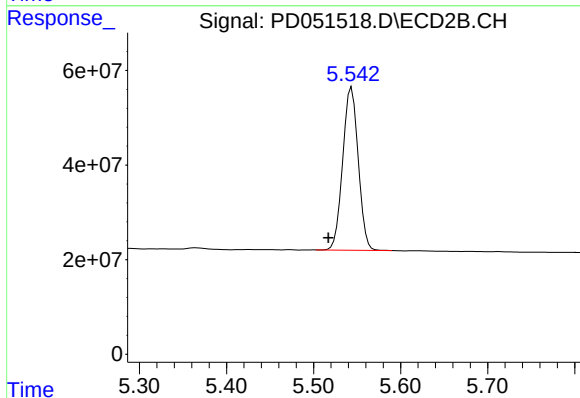
R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 199097355
Conc: 12.87 ng/ml



#24 Chlordane-2

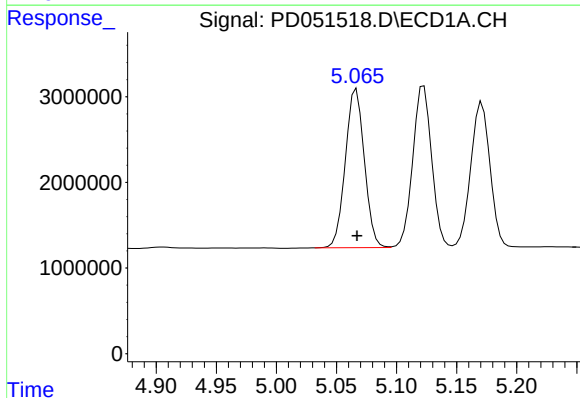
R.T.: 0.000 min
Exp R.T.: 4.526 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



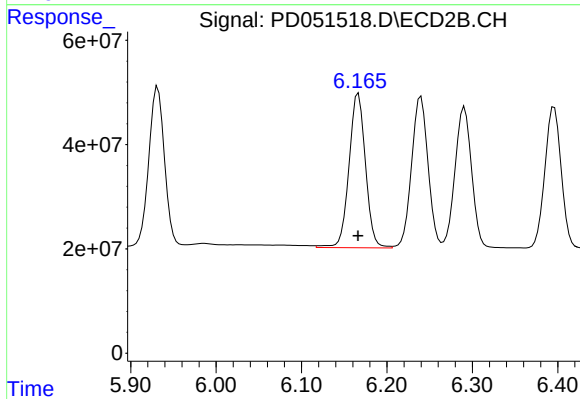
#24 Chlordane-2

R.T.: 5.544 min
Delta R.T.: 0.027 min
Response: 425797601
Conc: 300.28 ng/ml



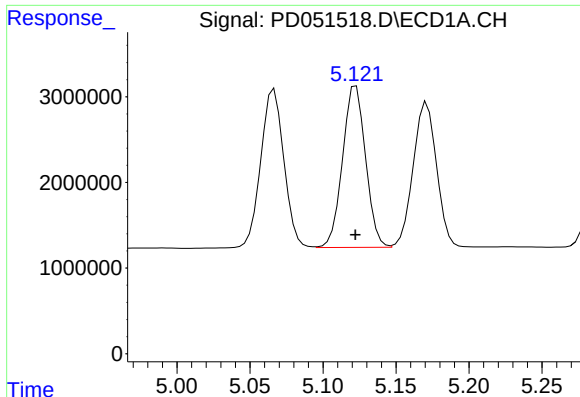
#25 Chlordane-3

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 20408595
Conc: 87.69 ng/ml



#25 Chlordane-3

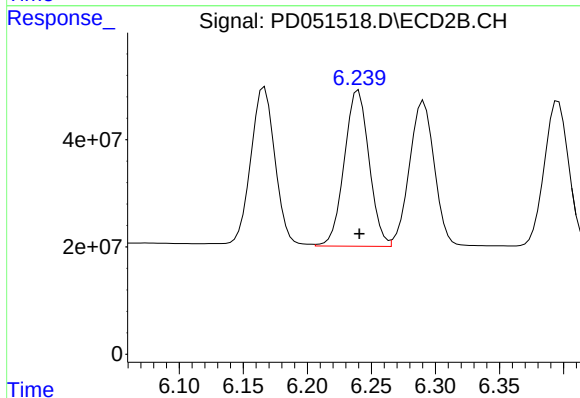
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 396532968
Conc: 89.05 ng/ml



#26 Chlordane-4

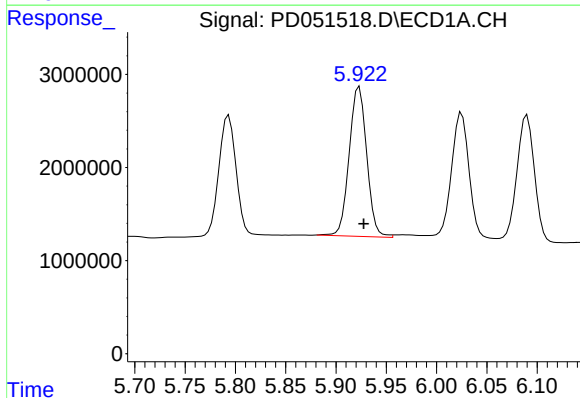
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 20668845
Conc: 92.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



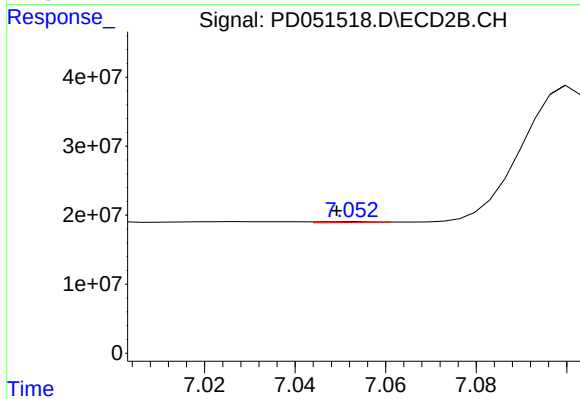
#26 Chlordane-4

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 391312929
Conc: 74.72 ng/ml



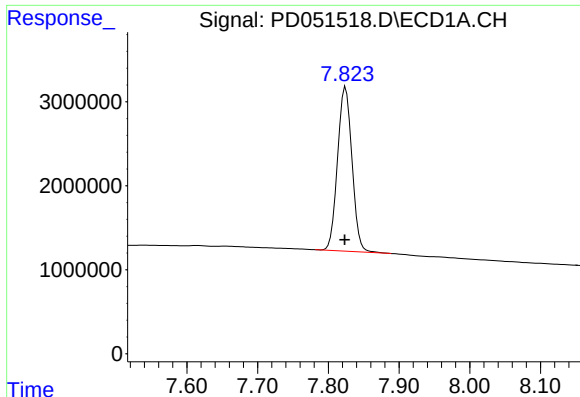
#27 Chlordane-5

R.T.: 5.923 min
Delta R.T.: -0.004 min
Response: 19496498
Conc: 271.44 ng/ml



#27 Chlordane-5

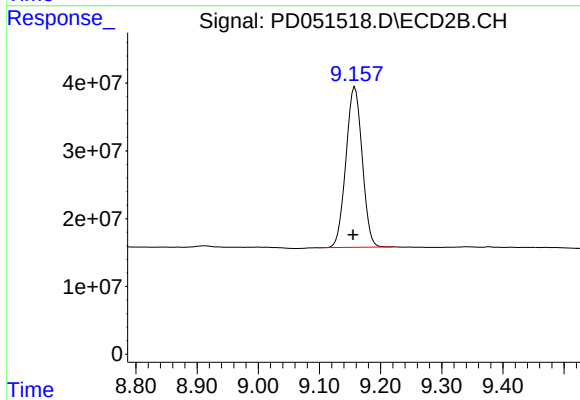
R.T.: 7.052 min
Delta R.T.: 0.003 min
Response: 574505
Conc: 0.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: 0.001 min
Response: 27772859
Conc: 24.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2019



#28 Decachlorobiphenyl

R.T.: 9.158 min
Delta R.T.: 0.003 min
Response: 436752974
Conc: 23.91 ng/ml