

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055748.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 10:56
 Operator : SG\AJ
 Sample : K5111-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:02:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 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...	3.289	3.963	17728833	25873856	20.796	21.484
28)	SA Decachlor...	7.965	8.998	19696083	29016089	20.819	20.851
Target Compounds							
2)	A alpha-BHC	3.716	4.349	5672131	8577327	4.466	4.867
3)	MA gamma-BHC...	3.991	4.632	6084090	8369165	5.079	4.875
4)	MA Heptachlor	4.277	5.138	5205309	8727671	4.886	5.037
5)	MB Aldrin	4.516	5.442	5281098	9429256	4.826	5.633
6)	B beta-BHC	4.241	4.800	2611052	4175623	5.180	5.253
7)	B delta-BHC	4.437	5.016	5001943	6878017	4.344	4.292
8)	B Heptachlo...	4.953	5.825	5027834	9368931	4.886	5.802
9)	A Endosulfan I	5.284	6.181	4679606	8425402	4.800	5.364
10)	B gamma-Chl...	5.176	6.059	5272428	11934457	4.941	6.922 #
11)	B alpha-Chl...	5.233	6.131	5173659	9752458	4.902	5.677
12)	B 4,4'-DDE	5.401	6.288	4596357	7767411	4.670	4.856
13)	MA Dieldrin	5.524	6.436	5060279	8569130	4.771	5.071
14)	MA Endrin	5.777	6.654	4647420	6855941	4.846	4.753
15)	B Endosulfa...	6.051	6.861	4595920	8196933	4.742	5.278
16)	A 4,4'-DDD	5.912	6.775	3755055	7246868	4.671	5.303
17)	MA 4,4'-DDT	6.148	7.073	2922187	5971415	4.083	4.474
18)	B Endrin al...	6.220	6.985	7020720	7077367	8.401	5.278 #
19)	B Endosulfa...	6.430	7.207	10258813	7831362	11.452	5.383 #
20)	A Methoxychlor	6.696	7.530	2228959	4003345	5.688	5.005
21)	B Endrin ke...	6.915	7.676	4880129	8613321	4.664	5.192
22)	Mirex	7.090	8.130	4641334	6828627	5.629	5.644
24)	Chlordane-2	0.000	5.442f	0	9429256	N.D.	179.503 #
25)	Chlordane-3	5.176	6.059	5272428	11934457	54.826	54.500
26)	Chlordane-4	5.233	6.131	5173659	9752458	61.520	37.075 #
27)	Chlordane-5	6.051	0.000	4595920	0	151.363	N.D. #

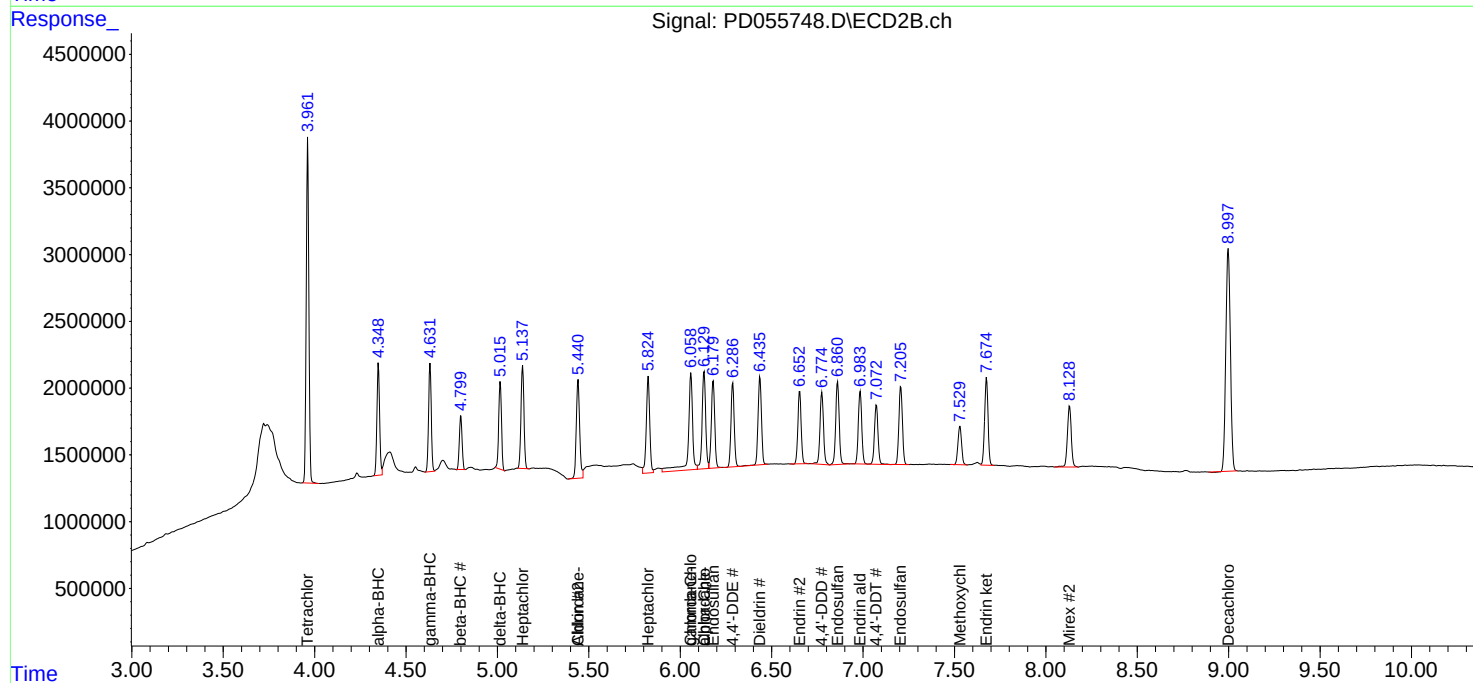
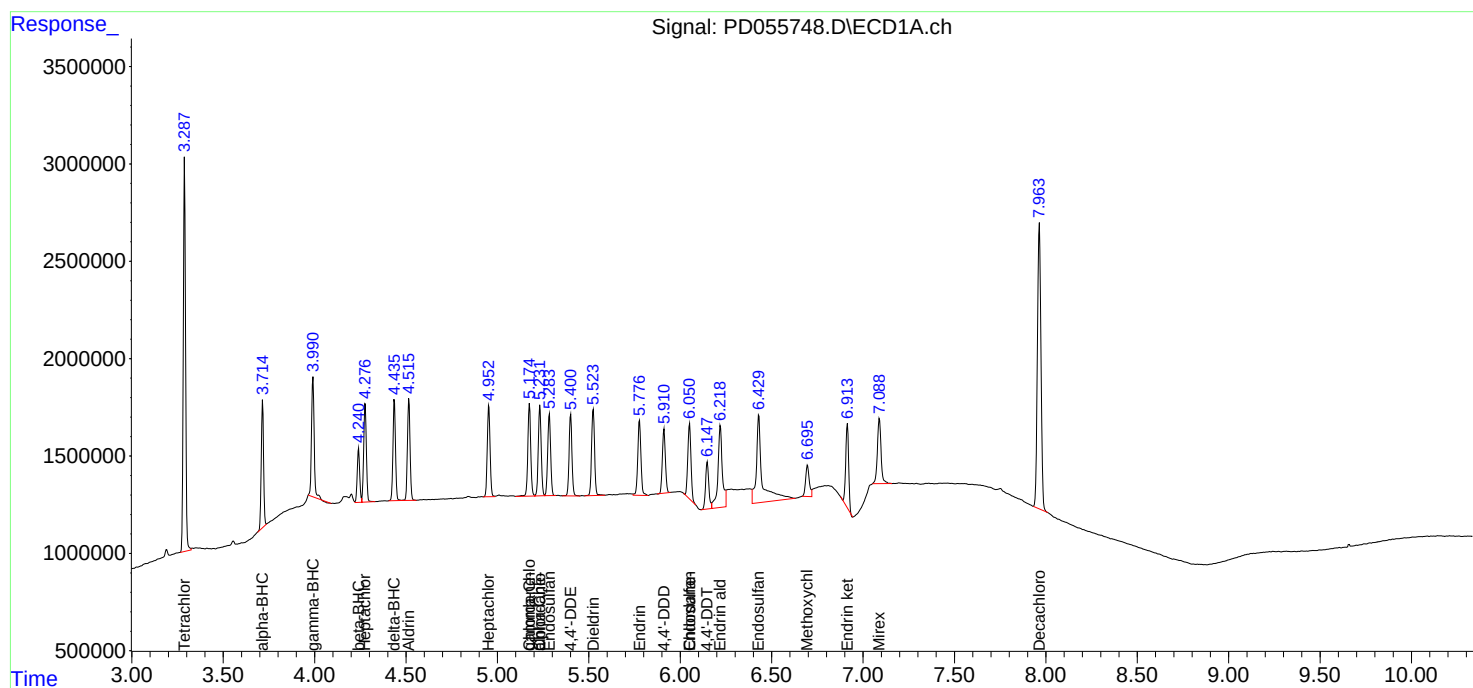
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

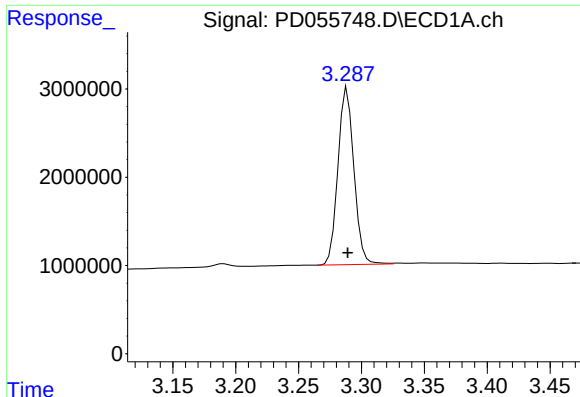
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
Data File : PD055748.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 10:56
Operator : SG\AJ
Sample : K5111-08
Misc : PEST LOQ 5 PPB
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 04:02:30 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 06:48:28 2019
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

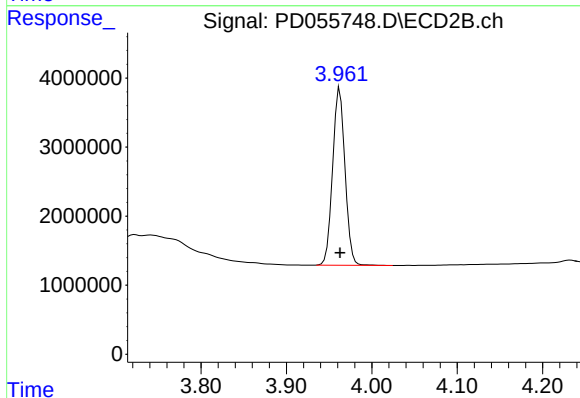




#1 Tetrachloro-m-xylene

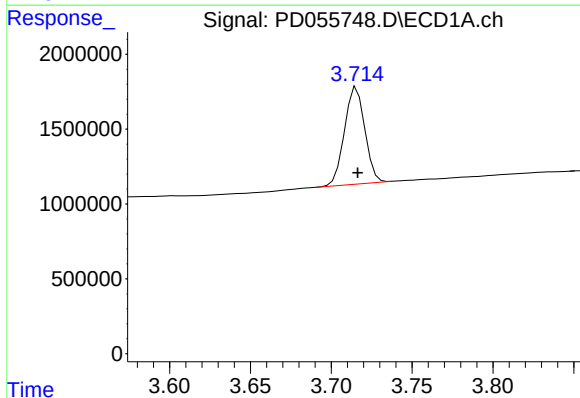
R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 17728833
Conc: 20.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



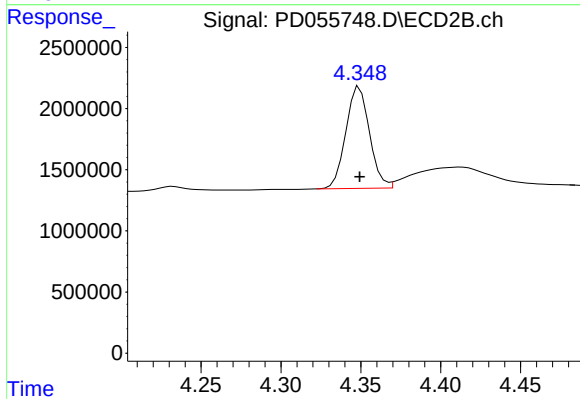
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 25873856
Conc: 21.48 ng/ml



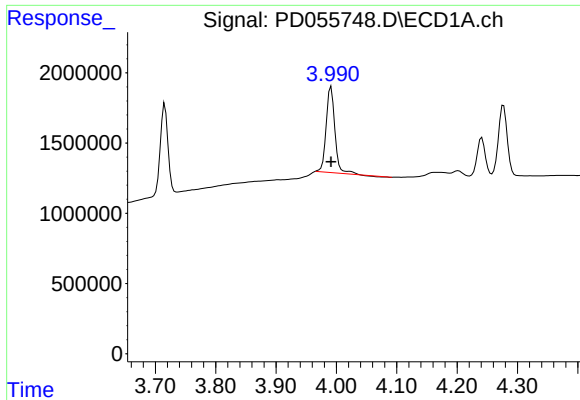
#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 5672131
Conc: 4.47 ng/ml



#2 alpha-BHC

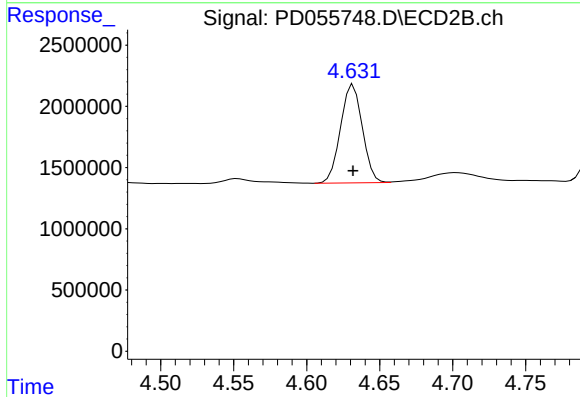
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 8577327
Conc: 4.87 ng/ml



#3 gamma-BHC (Lindane)

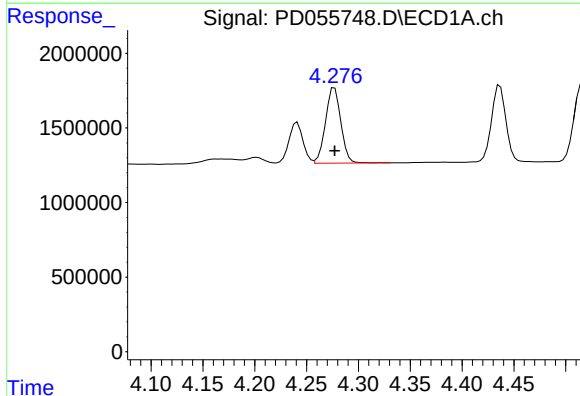
R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 6084090
Conc: 5.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



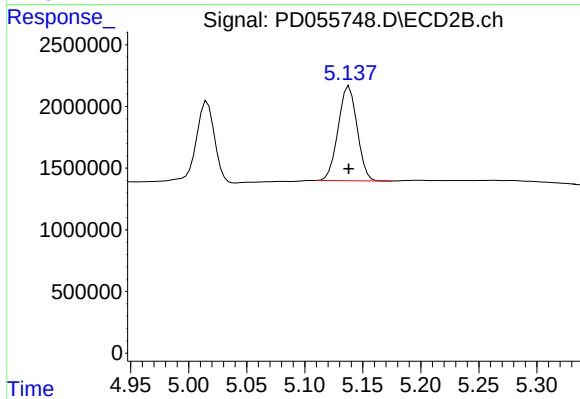
#3 gamma-BHC (Lindane)

R.T.: 4.632 min
Delta R.T.: 0.000 min
Response: 8369165
Conc: 4.88 ng/ml



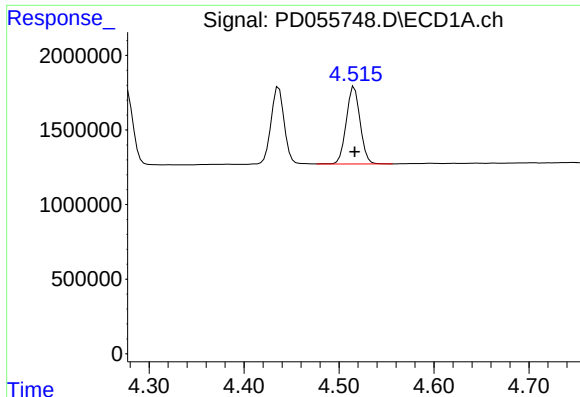
#4 Heptachlor

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 5205309
Conc: 4.89 ng/ml



#4 Heptachlor

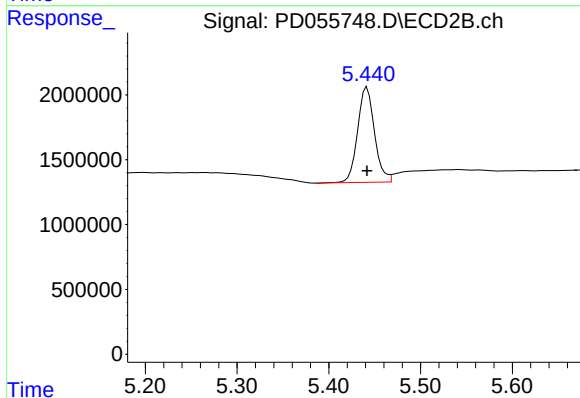
R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 8727671
Conc: 5.04 ng/ml



#5 Aldrin

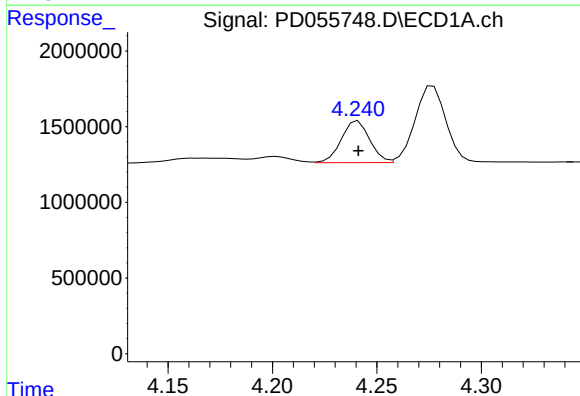
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 5281098
Conc: 4.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



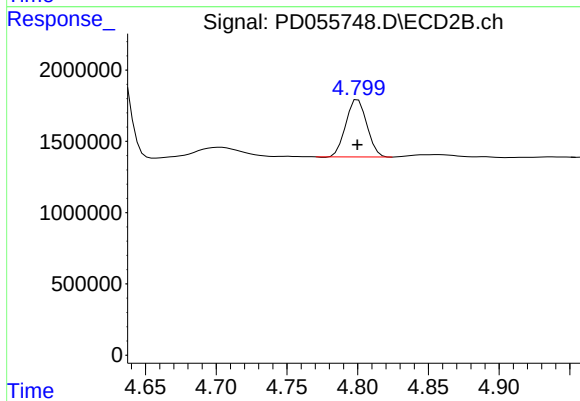
#5 Aldrin

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 9429256
Conc: 5.63 ng/ml



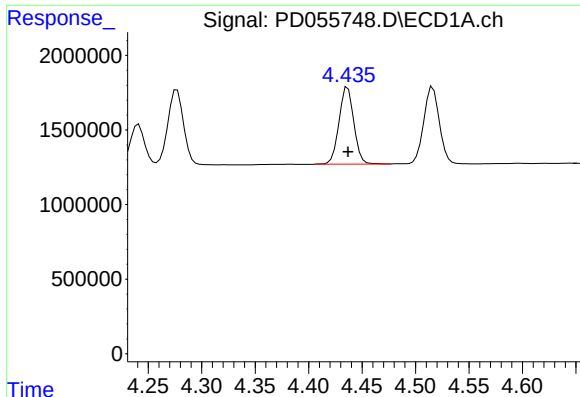
#6 beta-BHC

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 2611052
Conc: 5.18 ng/ml



#6 beta-BHC

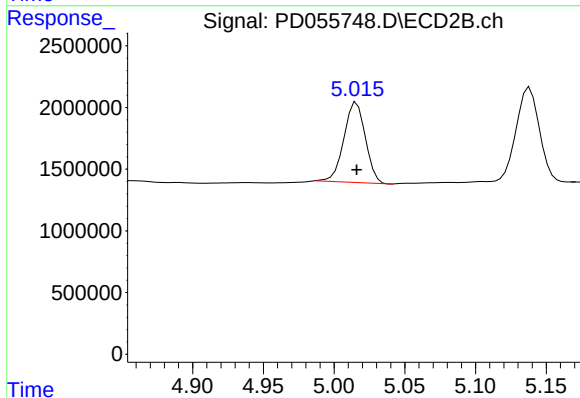
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 4175623
Conc: 5.25 ng/ml



#7 delta-BHC

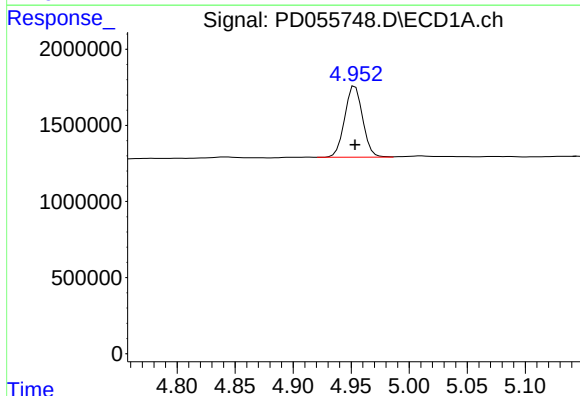
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 5001943
Conc: 4.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



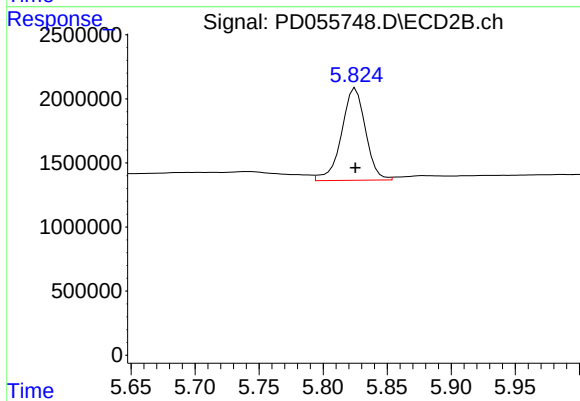
#7 delta-BHC

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 6878017
Conc: 4.29 ng/ml



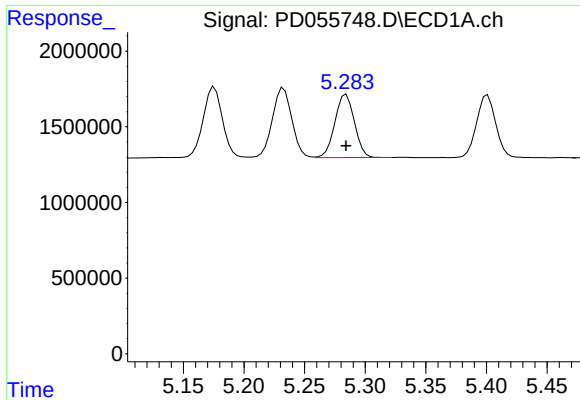
#8 Heptachlor epoxide

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 5027834
Conc: 4.89 ng/ml



#8 Heptachlor epoxide

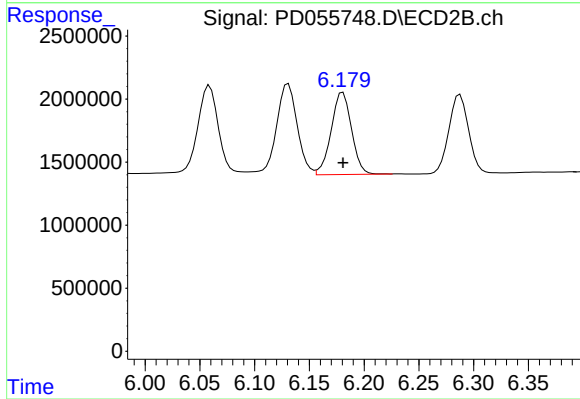
R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 9368931
Conc: 5.80 ng/ml



#9 Endosulfan I

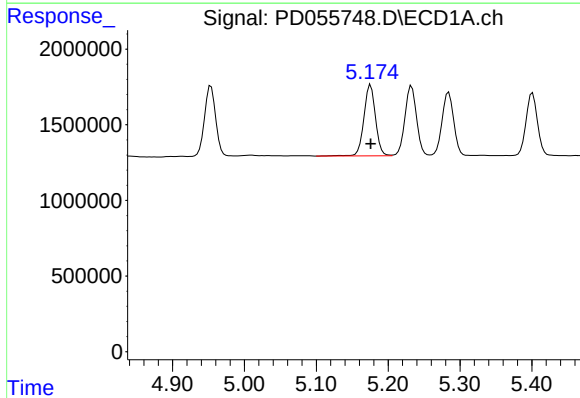
R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 4679606
Conc: 4.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



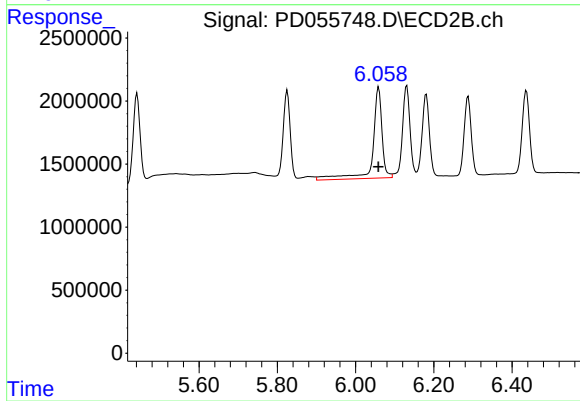
#9 Endosulfan I

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 8425402
Conc: 5.36 ng/ml



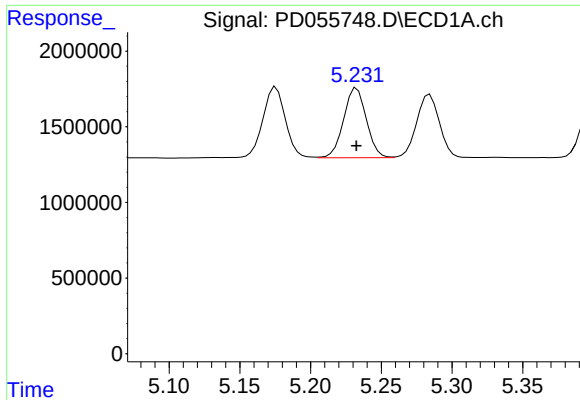
#10 gamma-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 5272428
Conc: 4.94 ng/ml



#10 gamma-Chlordane

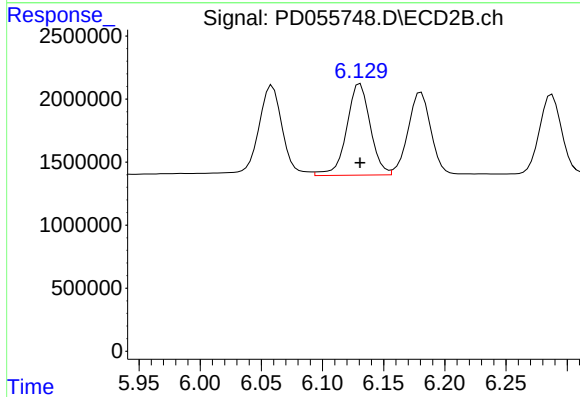
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 11934457
Conc: 6.92 ng/ml



#11 alpha-Chlordane

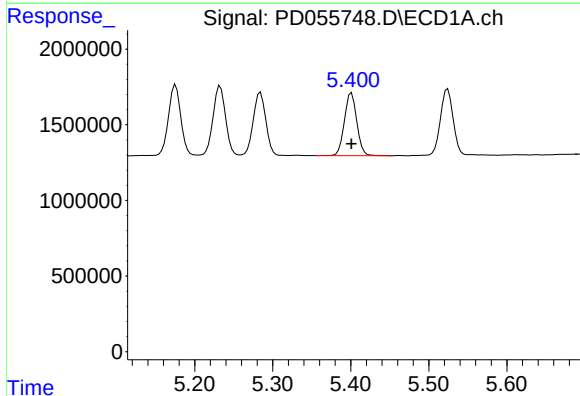
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 5173659
Conc: 4.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



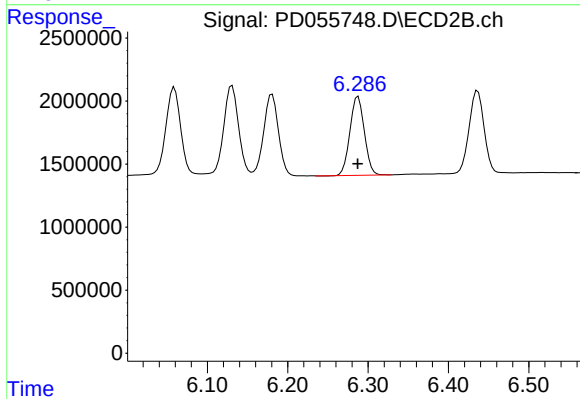
#11 alpha-Chlordane

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 9752458
Conc: 5.68 ng/ml



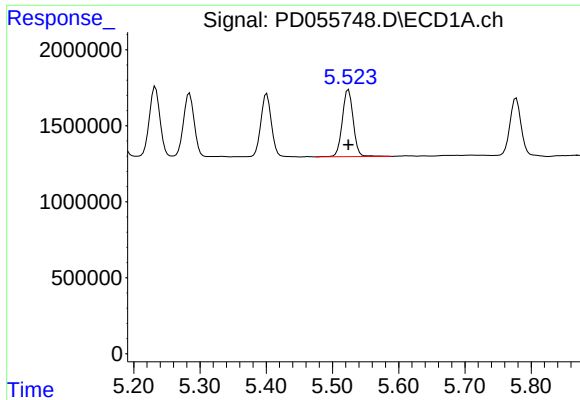
#12 4,4'-DDE

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 4596357
Conc: 4.67 ng/ml



#12 4,4'-DDE

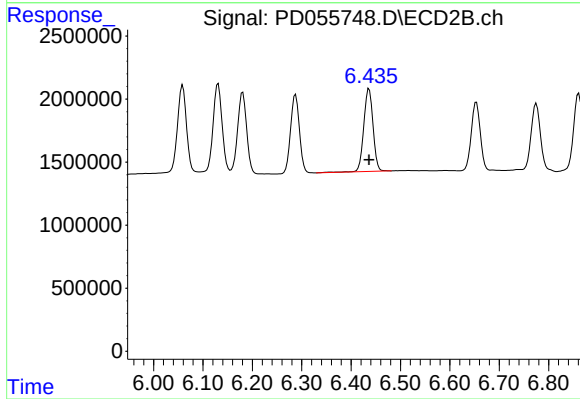
R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 7767411
Conc: 4.86 ng/ml



#13 Dieldrin

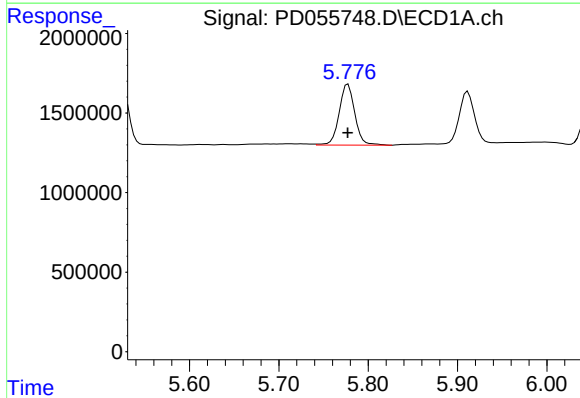
R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 5060279
Conc: 4.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



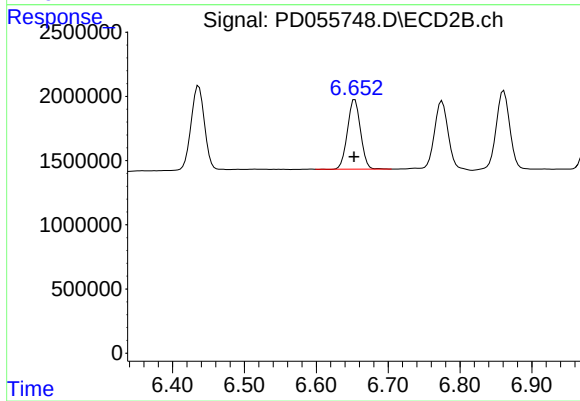
#13 Dieldrin

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 8569130
Conc: 5.07 ng/ml



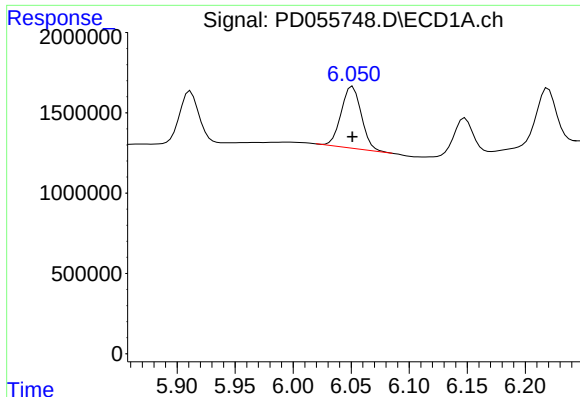
#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 4647420
Conc: 4.85 ng/ml



#14 Endrin

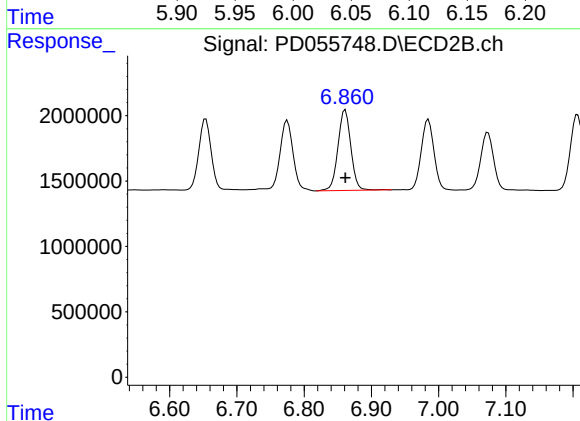
R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 6855941
Conc: 4.75 ng/ml



#15 Endosulfan II

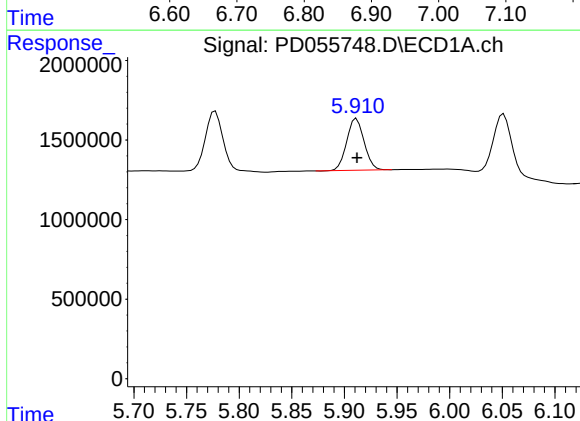
R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 4595920
Conc: 4.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



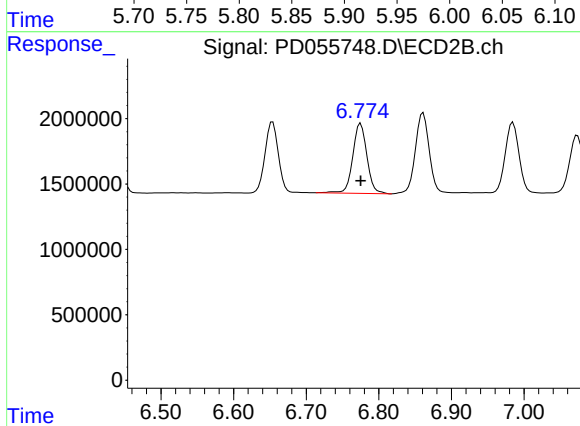
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 8196933
Conc: 5.28 ng/ml



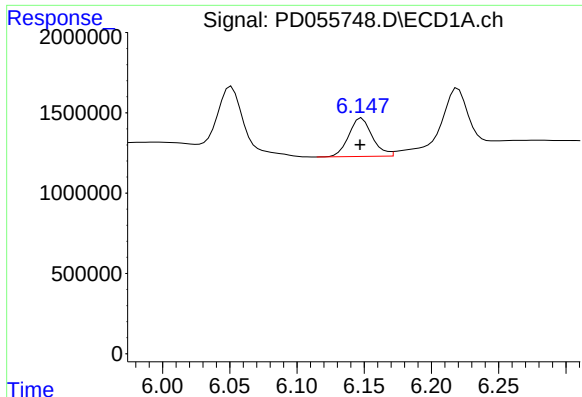
#16 4,4'-DDD

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 3755055
Conc: 4.67 ng/ml



#16 4,4'-DDD

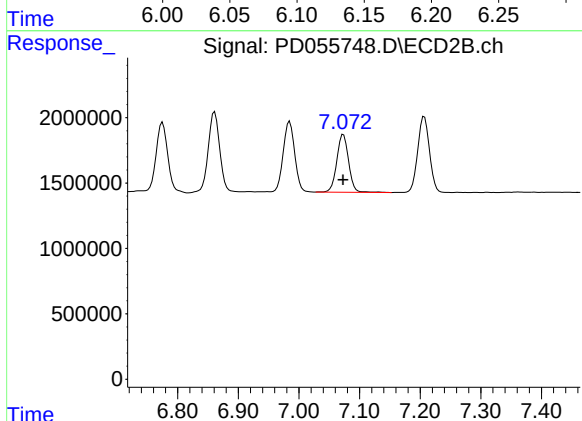
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 7246868
Conc: 5.30 ng/ml



#17 4,4'-DDT

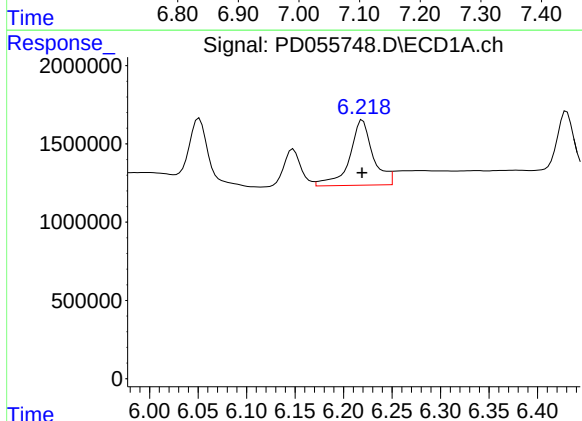
R.T.: 6.148 min
Delta R.T.: 0.001 min
Response: 2922187
Conc: 4.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



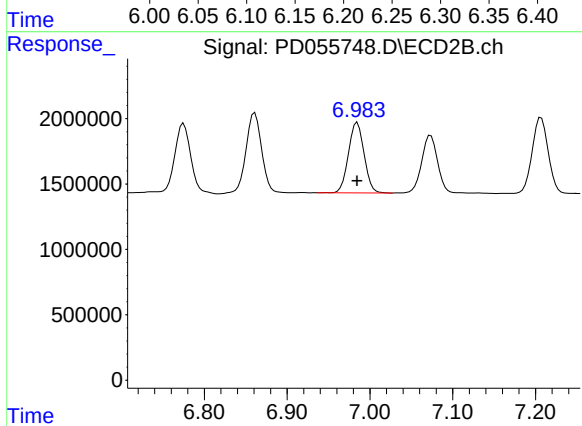
#17 4,4'-DDT

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 5971415
Conc: 4.47 ng/ml



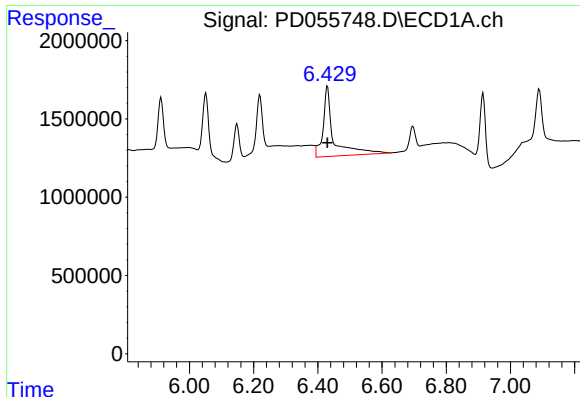
#18 Endrin aldehyde

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 7020720
Conc: 8.40 ng/ml



#18 Endrin aldehyde

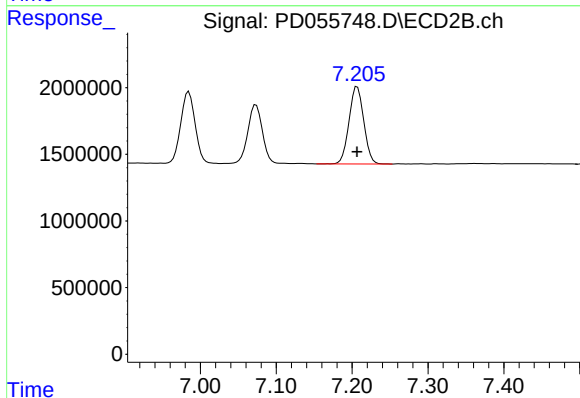
R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 7077367
Conc: 5.28 ng/ml



#19 Endosulfan Sulfate

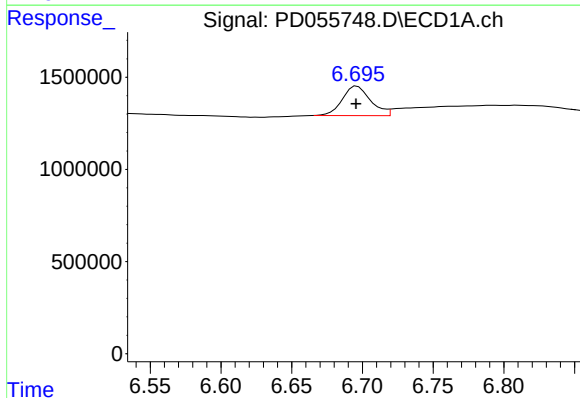
R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 10258813
Conc: 11.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



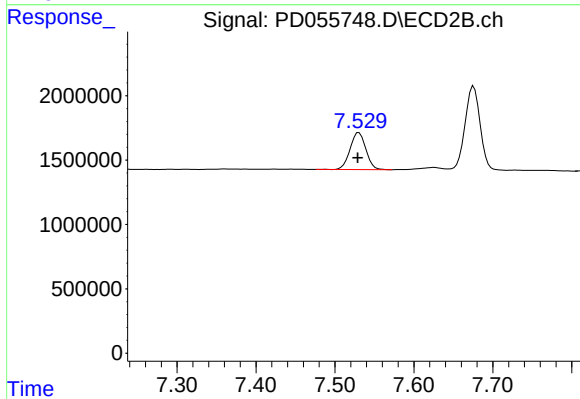
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 7831362
Conc: 5.38 ng/ml



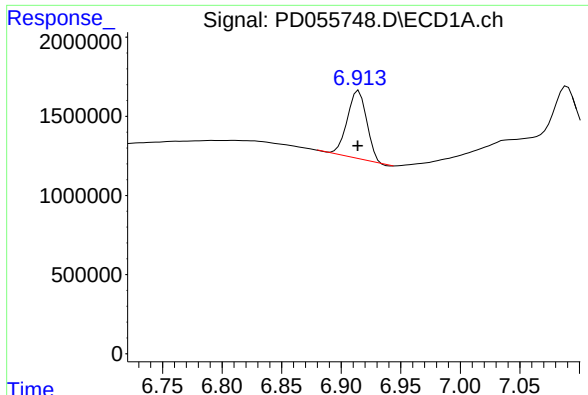
#20 Methoxychlor

R.T.: 6.696 min
Delta R.T.: 0.000 min
Response: 2228959
Conc: 5.69 ng/ml



#20 Methoxychlor

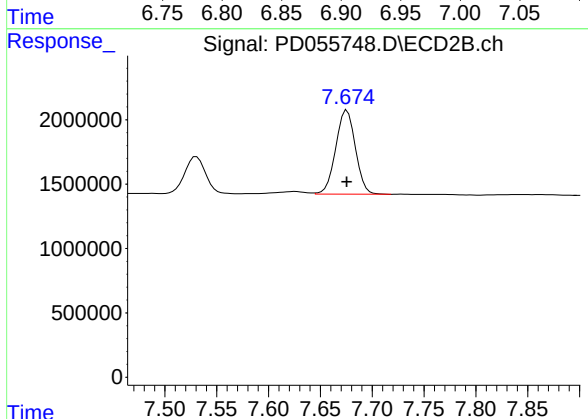
R.T.: 7.530 min
Delta R.T.: 0.002 min
Response: 4003345
Conc: 5.00 ng/ml



#21 Endrin ketone

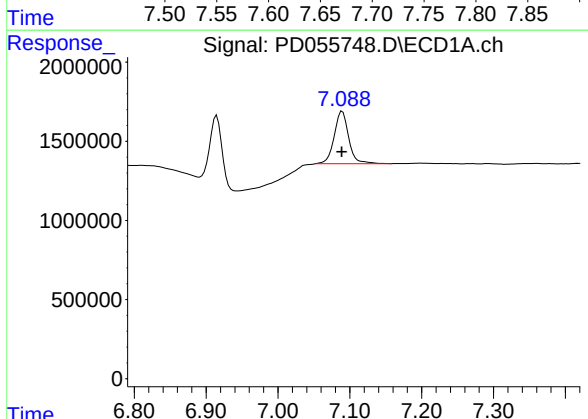
R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 4880129
Conc: 4.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



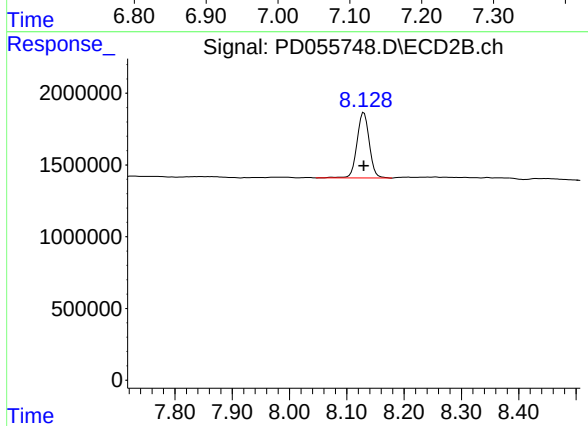
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 8613321
Conc: 5.19 ng/ml



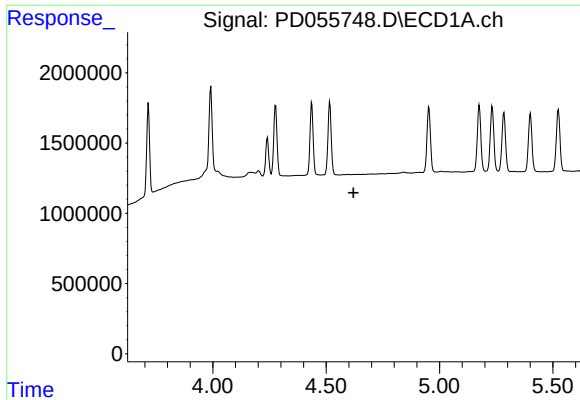
#22 Mirex

R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 4641334
Conc: 5.63 ng/ml



#22 Mirex

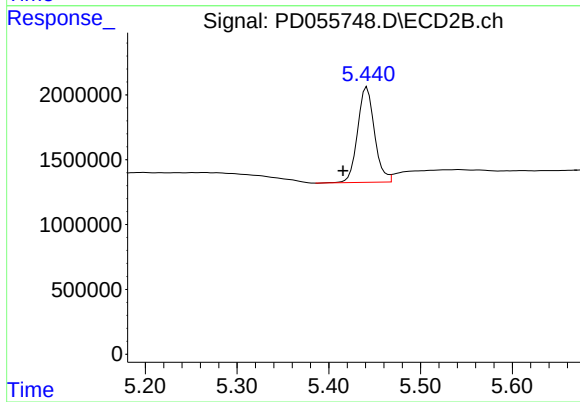
R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 6828627
Conc: 5.64 ng/ml



#24 Chlordane-2

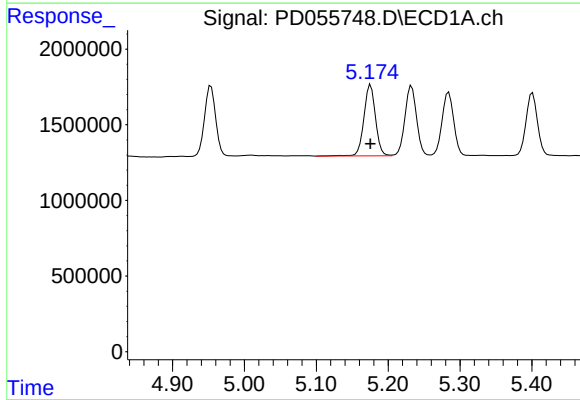
R.T.: 0.000 min
Exp R.T.: 4.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



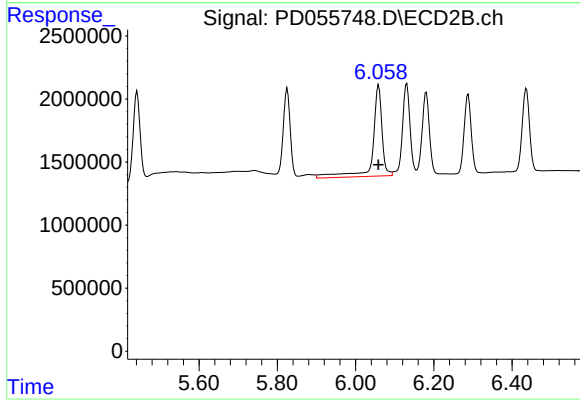
#24 Chlordane-2

R.T.: 5.442 min
Delta R.T.: 0.026 min
Response: 9429256
Conc: 179.50 ng/ml



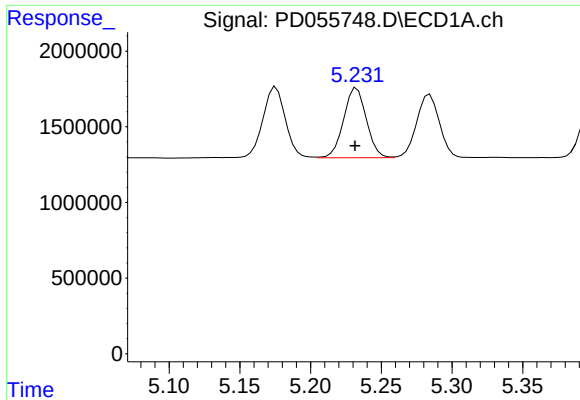
#25 Chlordane-3

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 5272428
Conc: 54.83 ng/ml



#25 Chlordane-3

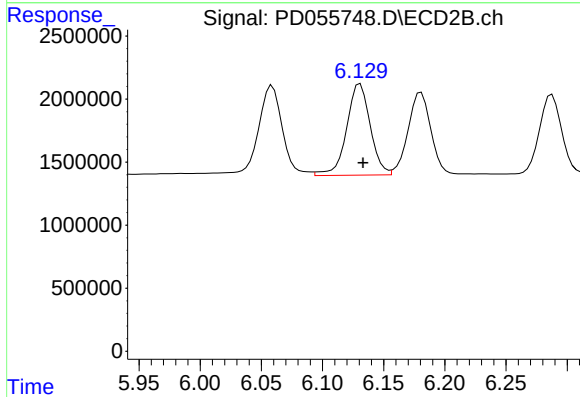
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 11934457
Conc: 54.50 ng/ml



#26 Chlordane-4

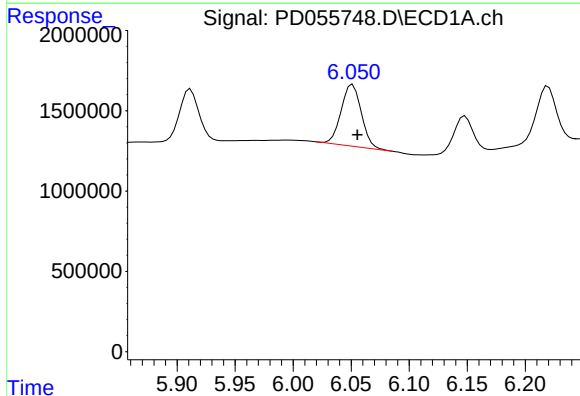
R.T.: 5.233 min
Delta R.T.: 0.001 min
Response: 5173659
Conc: 61.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



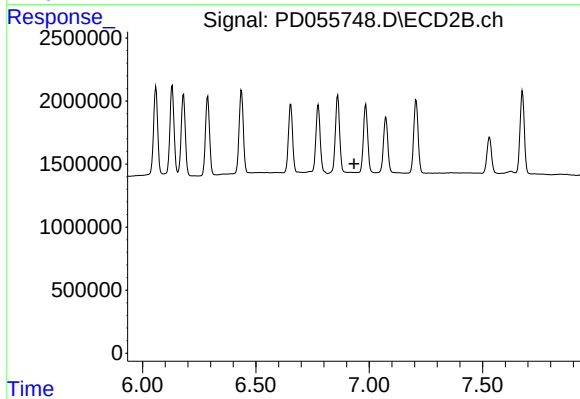
#26 Chlordane-4

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 9752458
Conc: 37.07 ng/ml



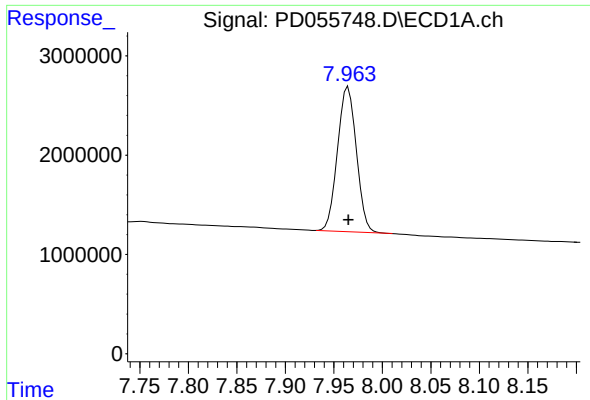
#27 Chlordane-5

R.T.: 6.051 min
Delta R.T.: -0.004 min
Response: 4595920
Conc: 151.36 ng/ml



#27 Chlordane-5

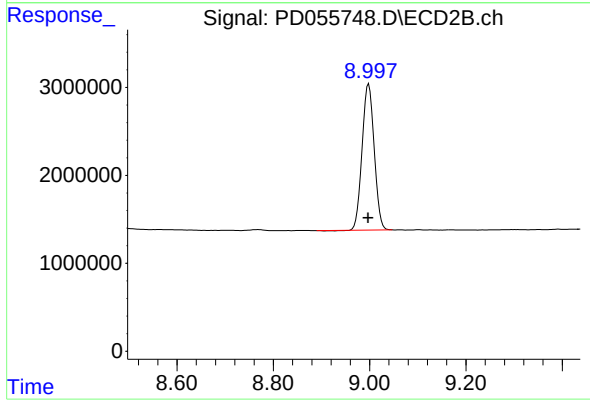
R.T.: 0.000 min
Exp R.T.: 6.933 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 19696083
Conc: 20.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2019



#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.000 min
Response: 29016089
Conc: 20.85 ng/ml