Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
Data File : PD082783.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 11:43
Operator : AR\AJ
Sample : P2403-07
Misc : PEST LOD 2.5PPB
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 22:04:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
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...	3.564	2.776	29029373	72698636	18.751	18.343	
28)	SA Decachlor...	9.123	7.906	39116851	75991797	19.589	19.660	
	Target Compounds							
2)	A alpha-BHC	4.022	3.275	5894753	13248963	2.152	2.124	
3)	MA gamma-BHC...	4.356	3.604	5421525	12921885	2.051	2.186	
4)	MA Heptachlor	4.949	3.943	6109997	12646310	2.423	2.285	
5)	MB Aldrin	5.292	4.222	5718258	13270112	2.219	2.329	
6)	B beta-BHC	4.552	3.900	2618219	6448614	2.500	2.700	
7)	B delta-BHC	4.801	4.129	7010440	12087601	2.821	2.088	#
8)	B Heptachlo...	5.719	4.723	8481048	13304434	3.636	2.641	#
9)	A Endosulfan I	6.107	5.093	5478510	10540730	2.537	2.285	
10)	B gamma-Chl...	5.977	4.973	5662452	11921253	2.500	2.385	
11)	B alpha-Chl...	6.056	5.037	5674200	11861383	2.508	2.389	
12)	B 4,4'-DDE	6.229	5.225	5404281	10671681	2.470	2.286	
13)	MA Dieldrin	6.384	5.357	5430224	11736602	2.428	2.335	
14)	MA Endrin	6.614	5.632	5145156	10723948	2.735	2.452	
15)	B Endosulfa...	6.834	5.925	5519326	10103840	2.766	2.420	
16)	A 4,4'-DDD	6.747	5.779	3794014	8592870	2.372	2.284	
17)	MA 4,4'-DDT	7.063	6.030	4011634	7741553	2.376	2.019	
18)	B Endrin al...	6.964	6.105	3903113	8162873	2.788	2.615	
19)	B Endosulfa...	7.199	6.327	4612649	10038657	2.614	2.518	
20)	A Methoxychlor	7.540	6.605	2284406	4738935	2.492	2.332	
21)	B Endrin ke...	7.688	6.833	4914354	10567740	2.557	2.325	
22)	Mirex	8.163	7.015	4443815	9499295	2.899	2.659	
24)	Chlordane-2	5.292f	4.349	5718258	1408221	57.778	6.646	#
25)	Chlordane-3	5.977	4.973	5662452	11921253	14.370	19.781	#
26)	Chlordane-4	6.056	5.037	5674200	11861383	12.079	20.642	#
27)	Chlordane-5	0.000	5.925	0	10103840	N.D.	50.106	#

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

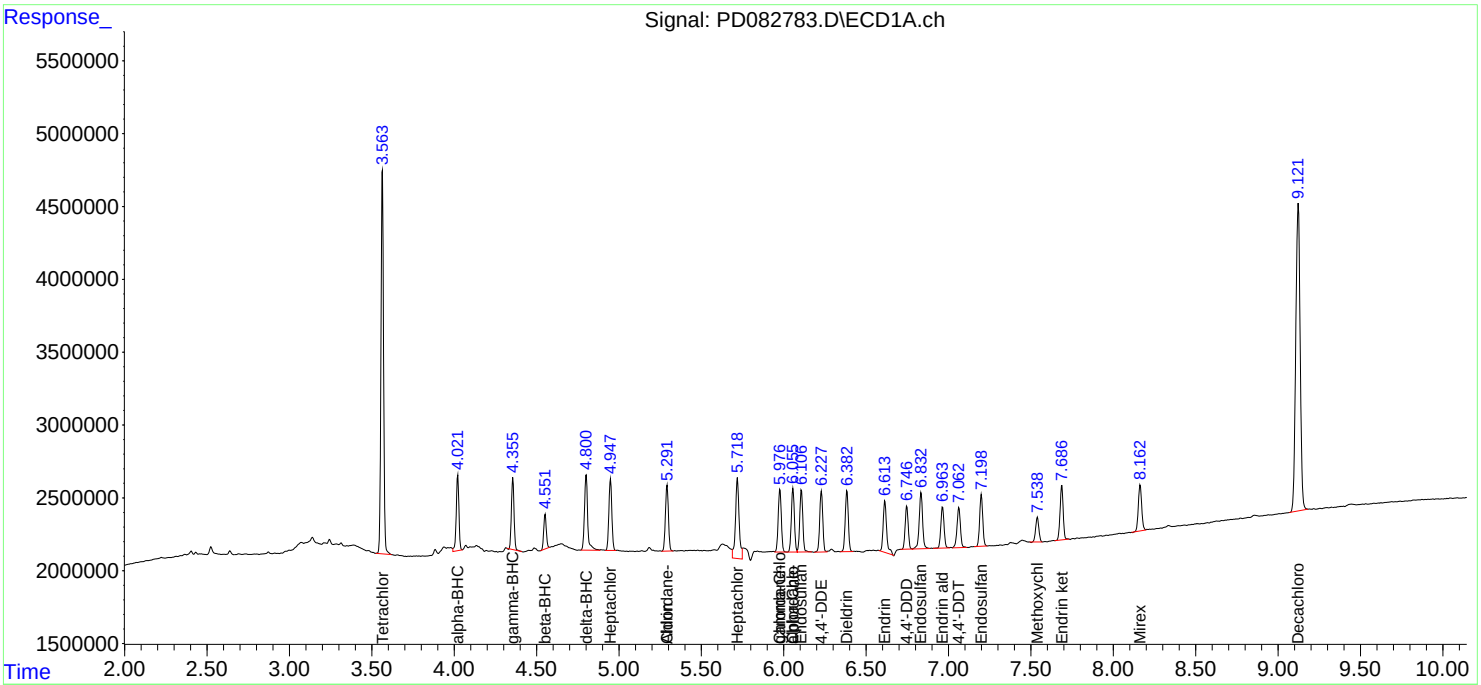
Quantitation Report (Not Reviewed)

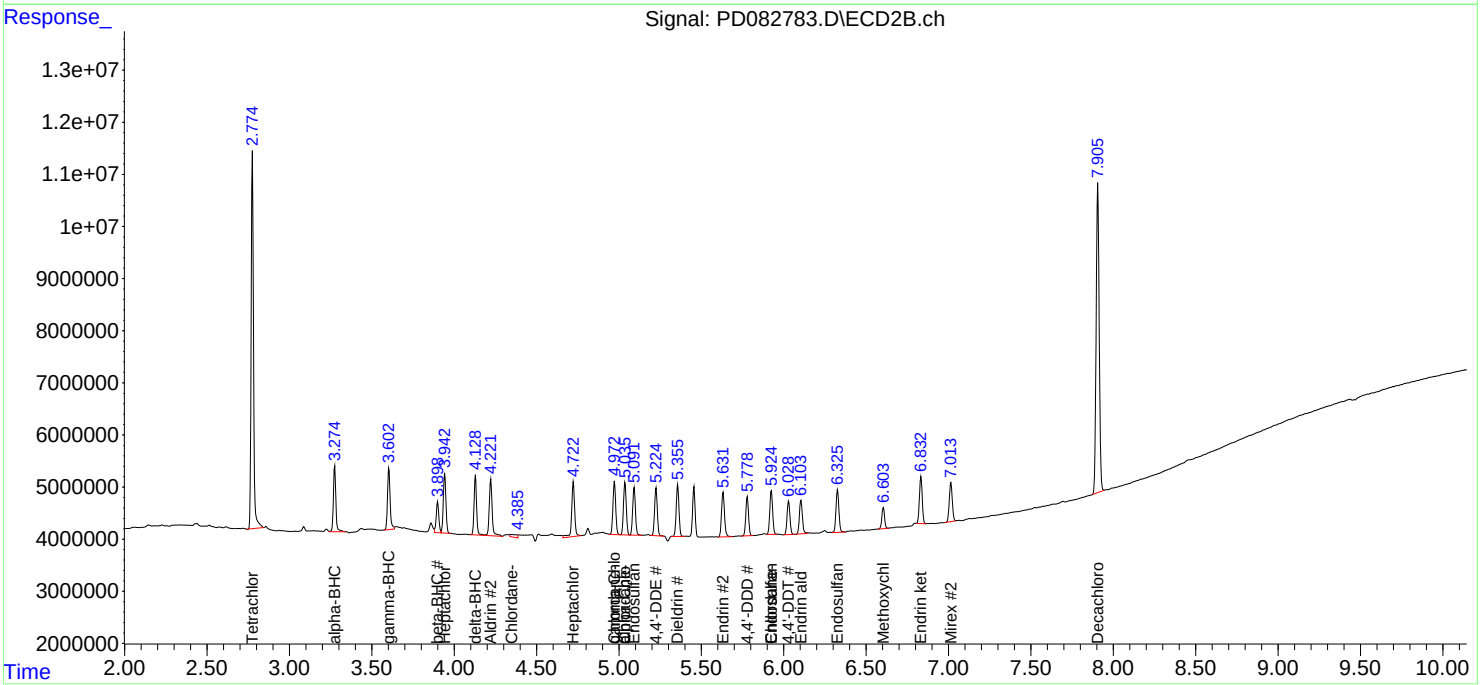
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051424\
Data File : PD082783.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2024 11:43
Operator : AR\AJ
Sample : P2403-07
Misc : PEST LOD 2.5PPB
ALS Vial : 14 Sample Multiplier: 1

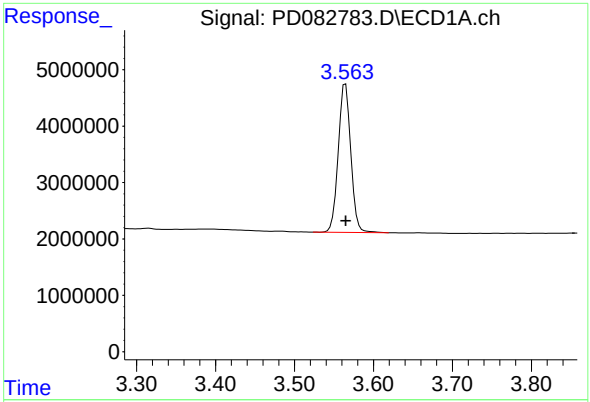
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 14 22:04:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051324.M
Quant Title : GC Extractables
QLast Update : Mon May 13 15:39:20 2024
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



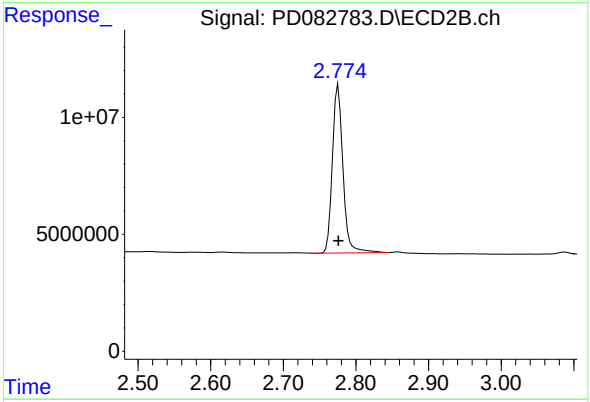




#1 Tetrachloro-m-xylene

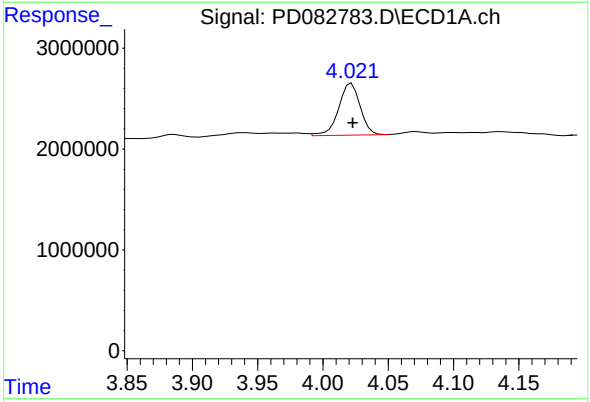
R.T.: 3.564 min
Delta R.T.: 0.000 min
Response: 29029373
Conc: 18.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



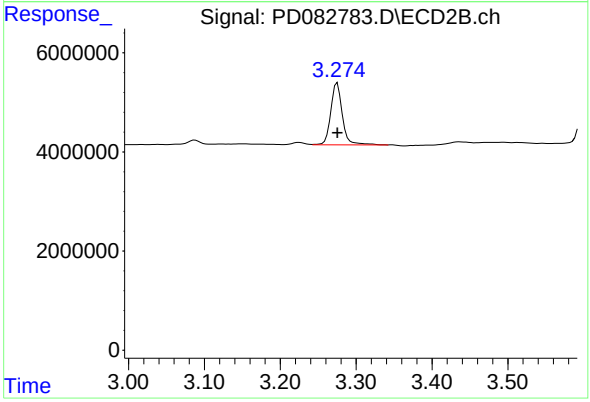
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.000 min
Response: 72698636
Conc: 18.34 ng/ml



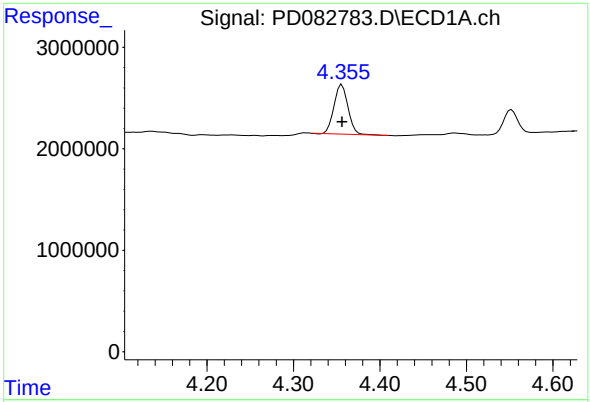
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 5894753
Conc: 2.15 ng/ml



#2 alpha-BHC

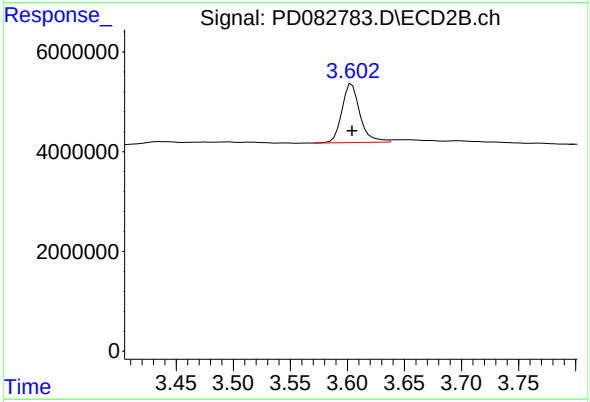
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 13248963
Conc: 2.12 ng/ml



#3 gamma-BHC (Lindane)

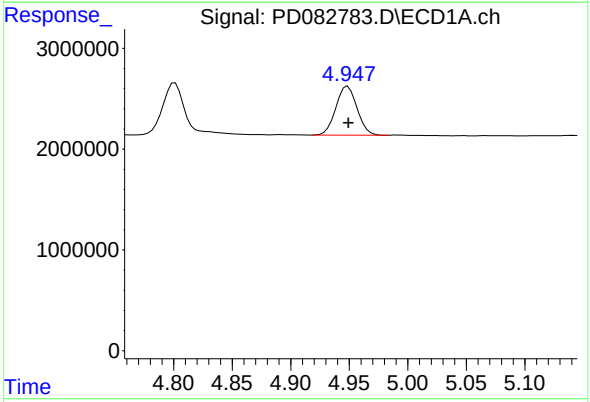
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 5421525
Conc: 2.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



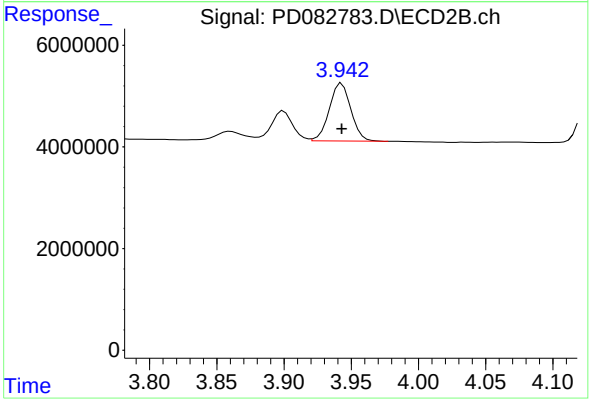
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 12921885
Conc: 2.19 ng/ml



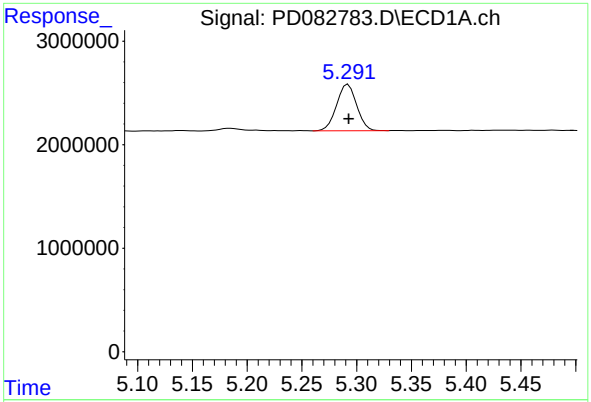
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 6109997
Conc: 2.42 ng/ml



#4 Heptachlor

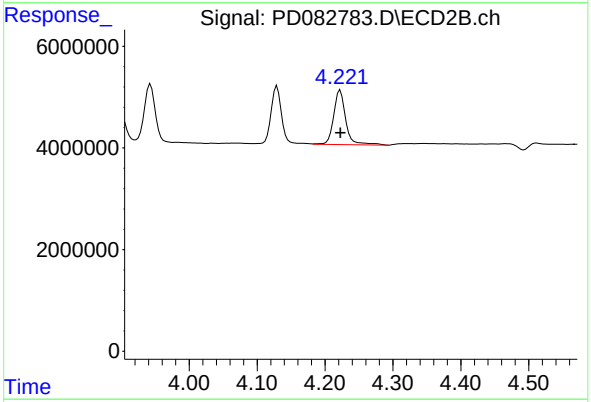
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 12646310
Conc: 2.28 ng/ml



#5 Aldrin

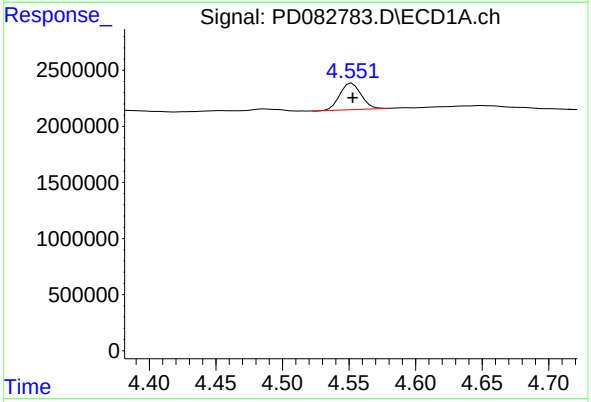
R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 5718258
Conc: 2.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



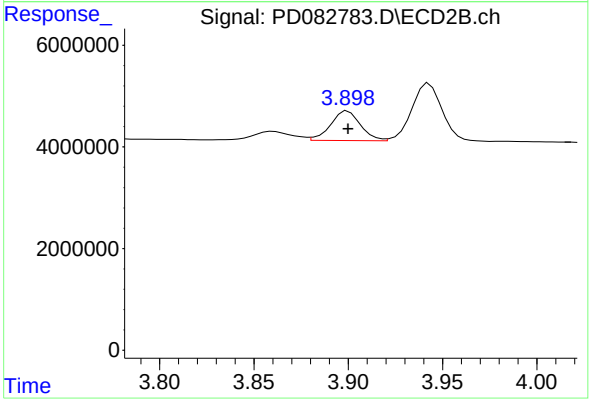
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 13270112
Conc: 2.33 ng/ml



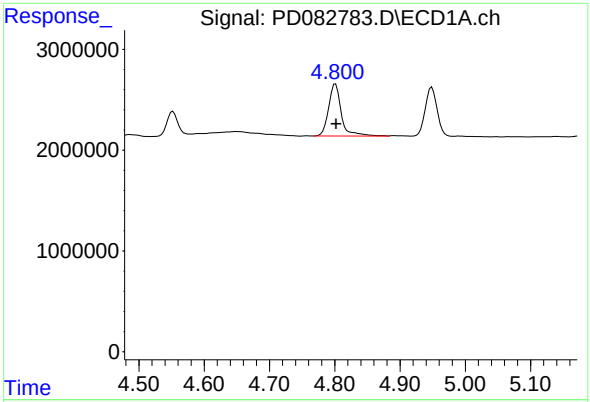
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 2618219
Conc: 2.50 ng/ml



#6 beta-BHC

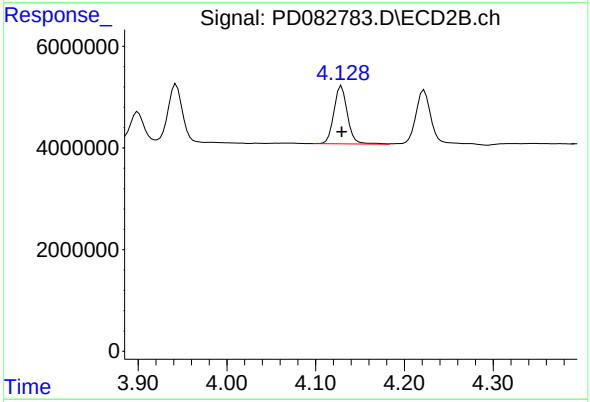
R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 6448614
Conc: 2.70 ng/ml



#7 delta-BHC

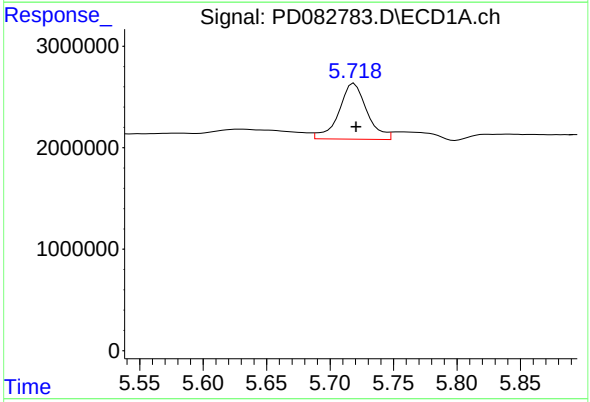
R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 7010440
Conc: 2.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



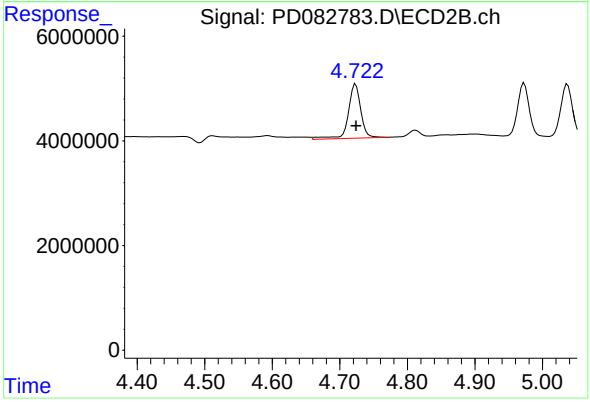
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 12087601
Conc: 2.09 ng/ml



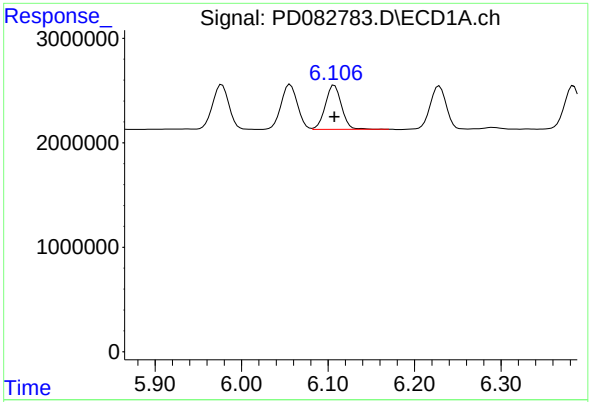
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: -0.002 min
Response: 8481048
Conc: 3.64 ng/ml



#8 Heptachlor epoxide

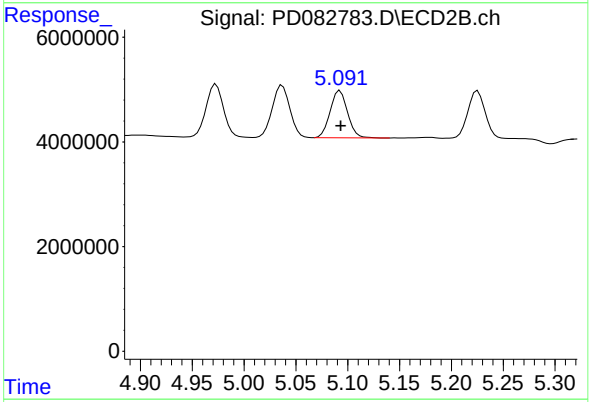
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 13304434
Conc: 2.64 ng/ml



#9 Endosulfan I

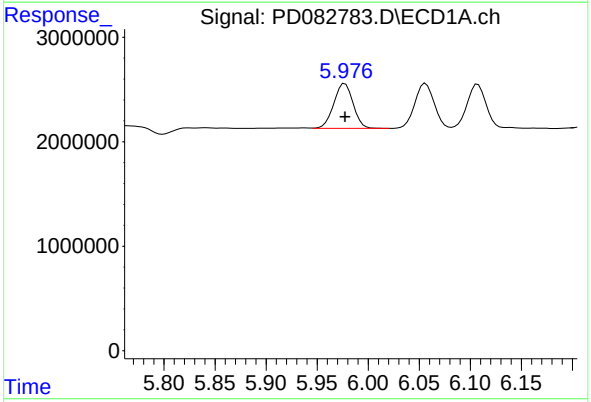
R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 5478510
Conc: 2.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



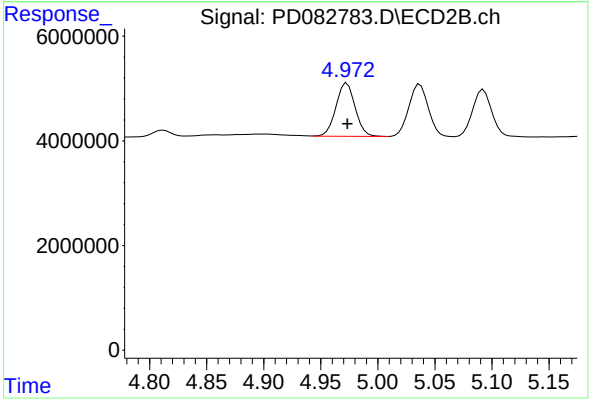
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 10540730
Conc: 2.29 ng/ml



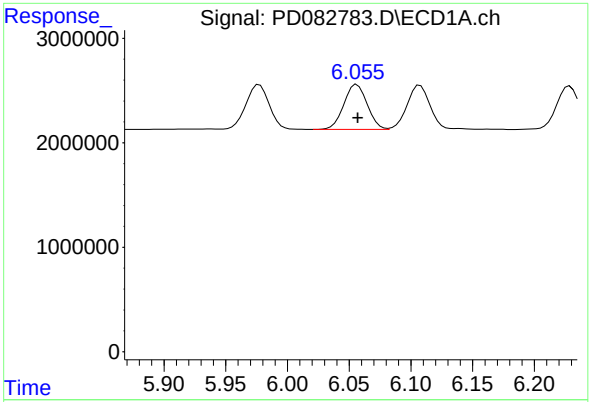
#10 gamma-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 5662452
Conc: 2.50 ng/ml



#10 gamma-Chlordane

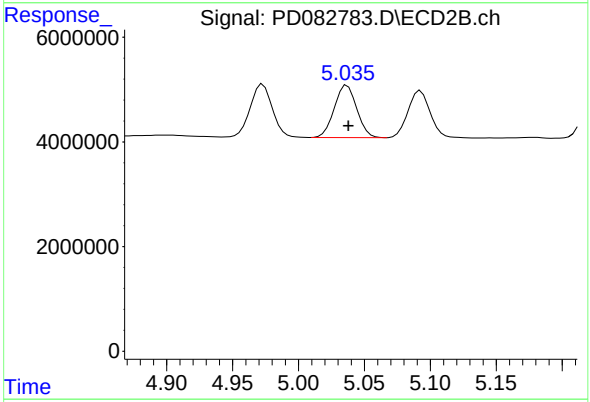
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 11921253
Conc: 2.38 ng/ml



#11 alpha-Chlordane

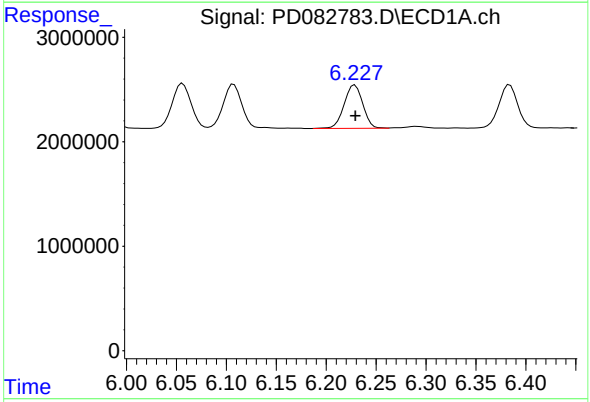
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 5674200
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



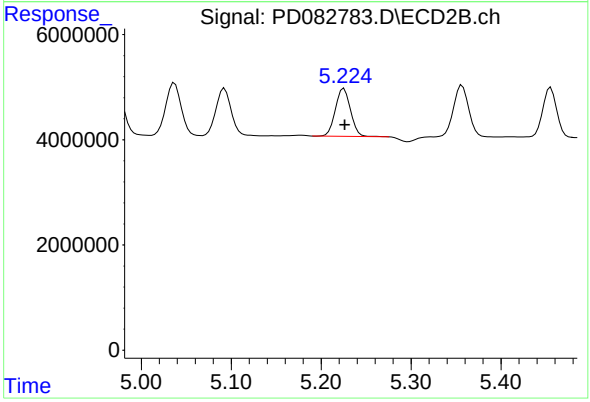
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 11861383
Conc: 2.39 ng/ml



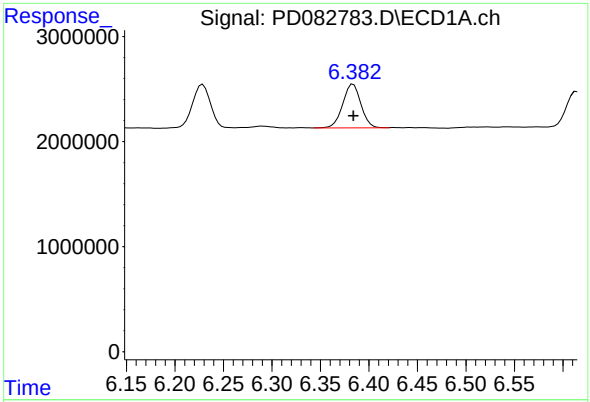
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 5404281
Conc: 2.47 ng/ml



#12 4,4'-DDE

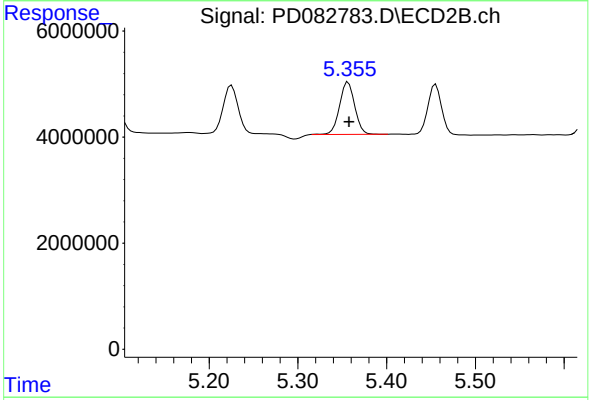
R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 10671681
Conc: 2.29 ng/ml



#13 Dieldrin

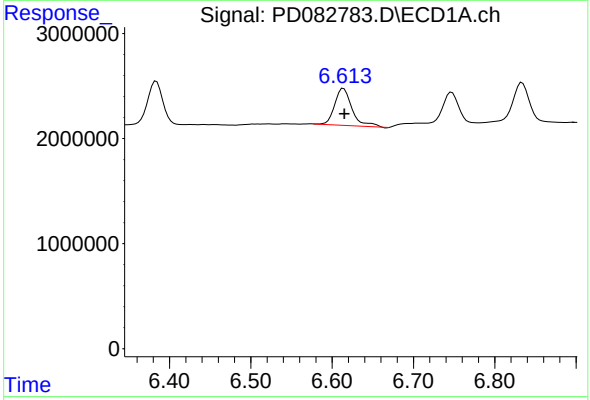
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 5430224
Conc: 2.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



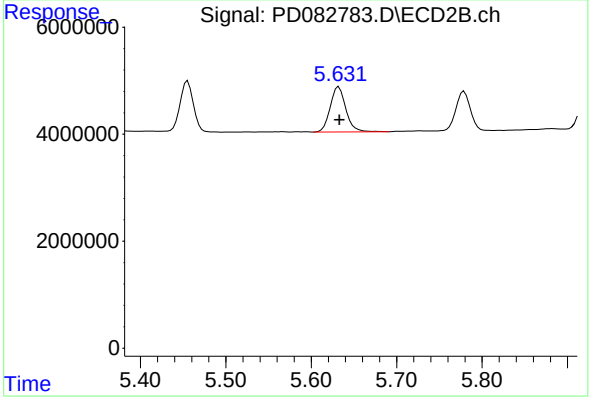
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 11736602
Conc: 2.34 ng/ml



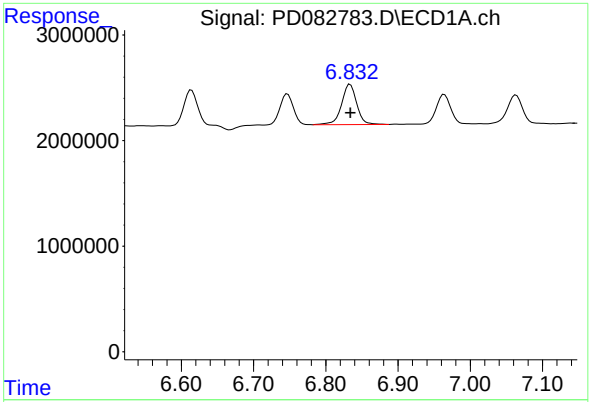
#14 Endrin

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 5145156
Conc: 2.73 ng/ml



#14 Endrin

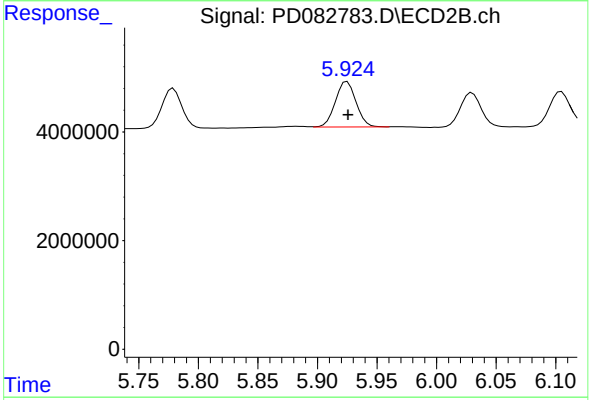
R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 10723948
Conc: 2.45 ng/ml



#15 Endosulfan II

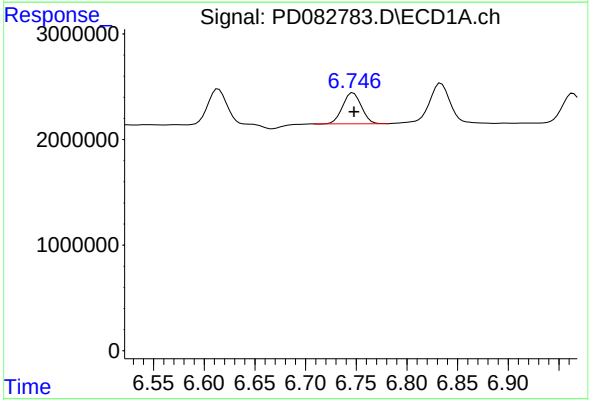
R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 5519326
Conc: 2.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



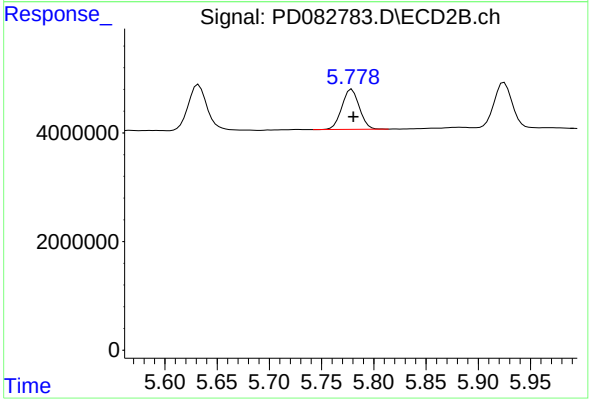
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 10103840
Conc: 2.42 ng/ml



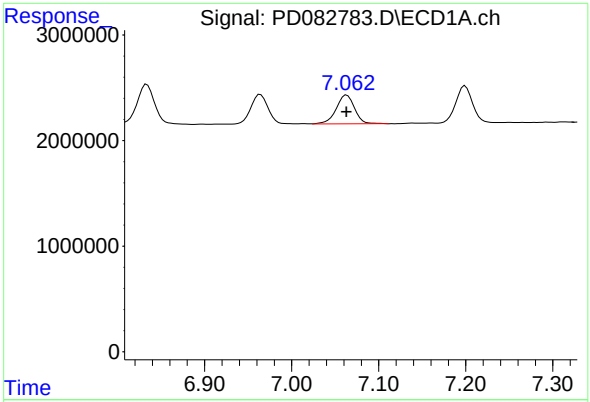
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 3794014
Conc: 2.37 ng/ml



#16 4,4'-DDD

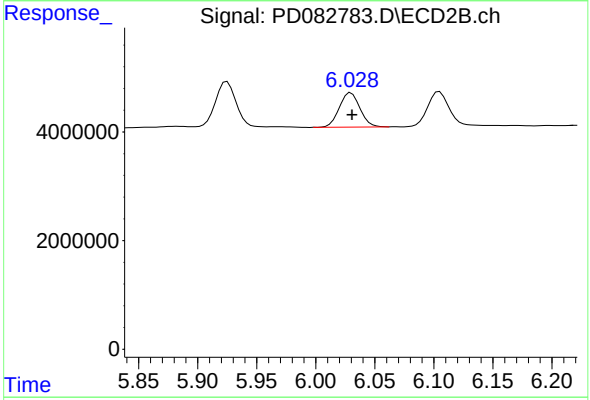
R.T.: 5.779 min
Delta R.T.: -0.001 min
Response: 8592870
Conc: 2.28 ng/ml



#17 4,4'-DDT

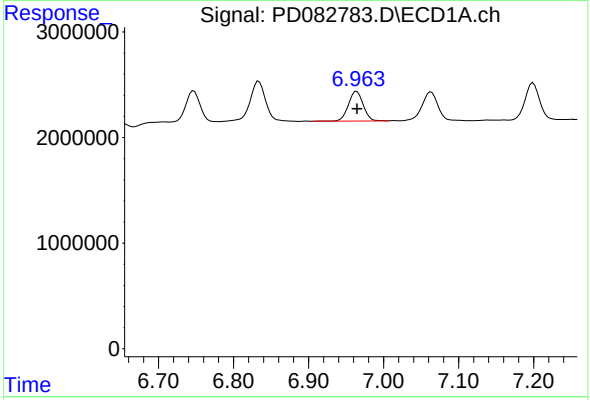
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 4011634
Conc: 2.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



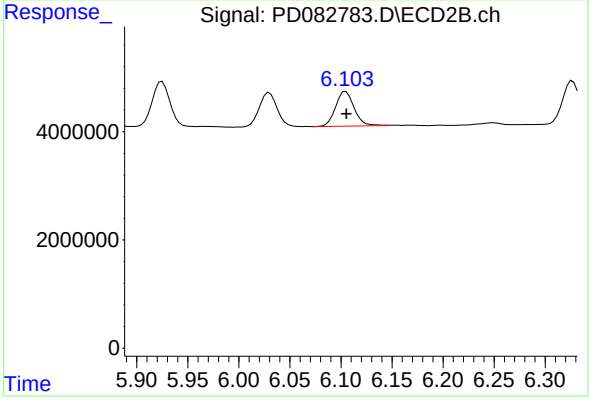
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 7741553
Conc: 2.02 ng/ml



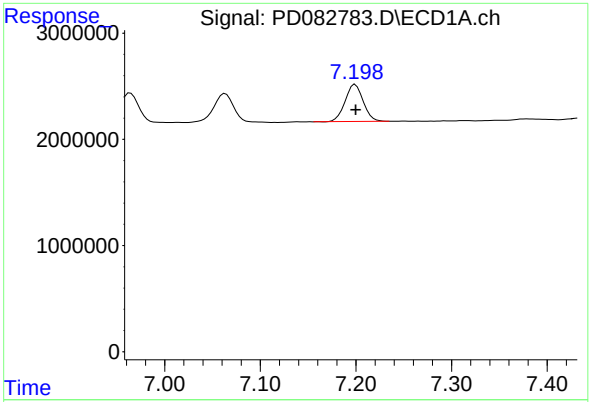
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 3903113
Conc: 2.79 ng/ml



#18 Endrin aldehyde

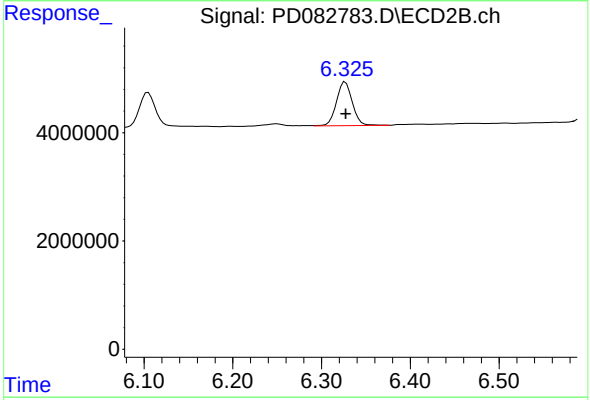
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 8162873
Conc: 2.61 ng/ml



#19 Endosulfan Sulfate

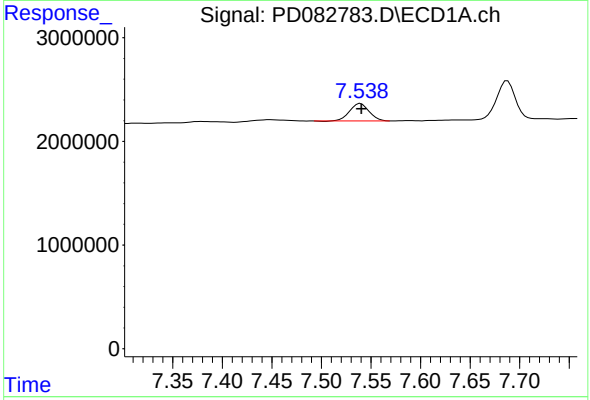
R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 4612649
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



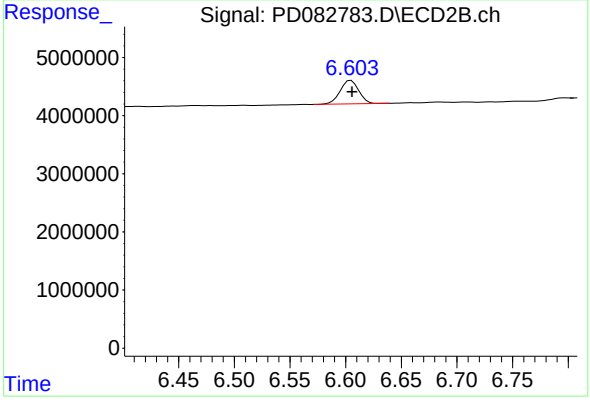
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 10038657
Conc: 2.52 ng/ml



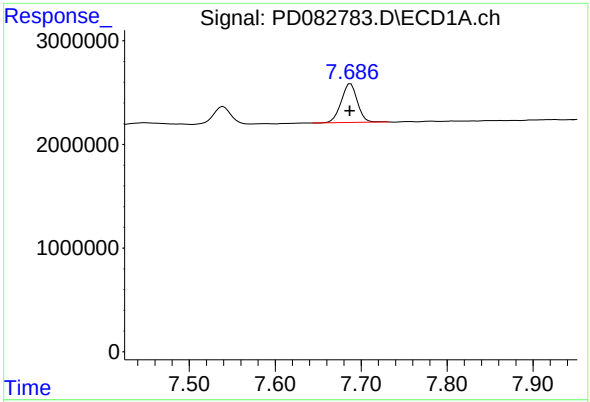
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 2284406
Conc: 2.49 ng/ml



#20 Methoxychlor

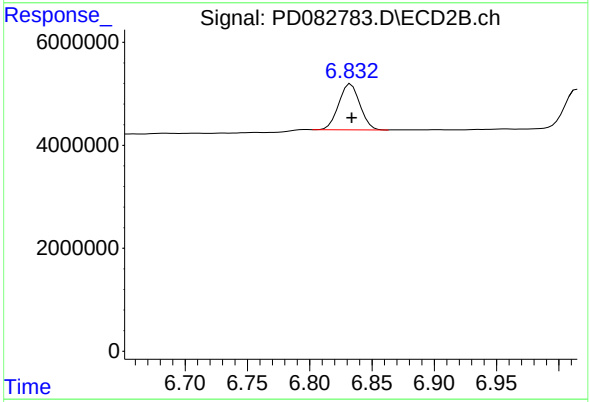
R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 4738935
Conc: 2.33 ng/ml



#21 Endrin ketone

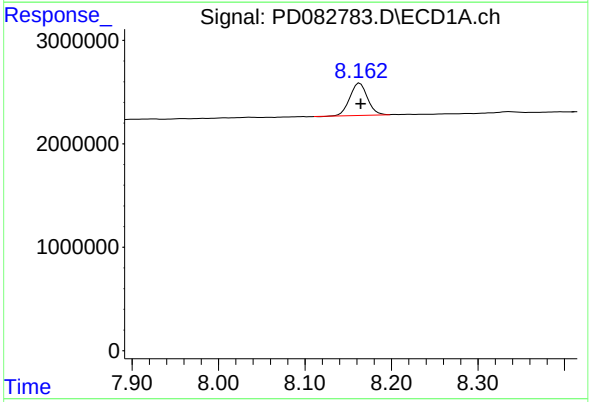
R.T.: 7.688 min
Delta R.T.: 0.001 min
Response: 4914354
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



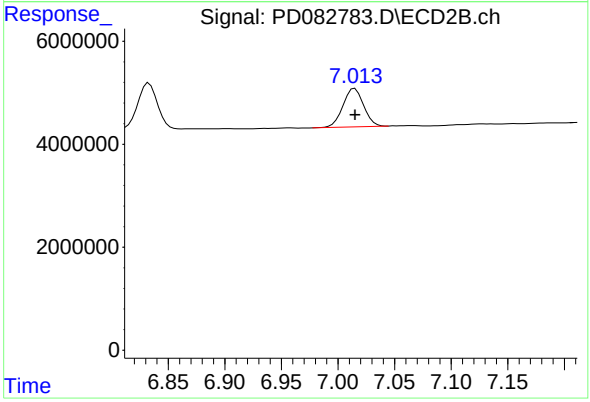
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 10567740
Conc: 2.32 ng/ml



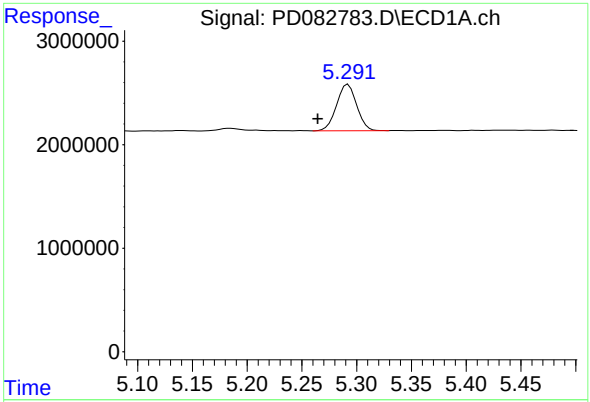
#22 Mirex

R.T.: 8.163 min
Delta R.T.: -0.001 min
Response: 4443815
Conc: 2.90 ng/ml



#22 Mirex

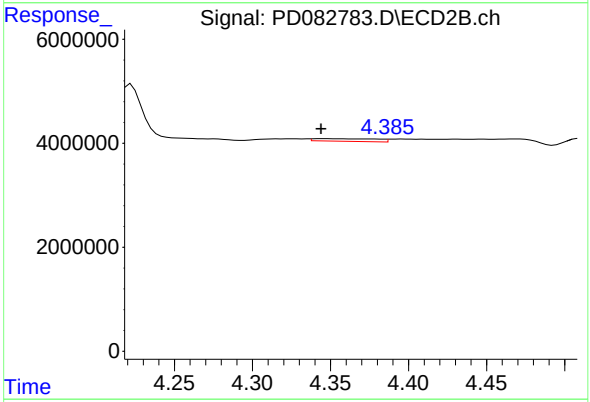
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 9499295
Conc: 2.66 ng/ml



#24 Chlordane-2

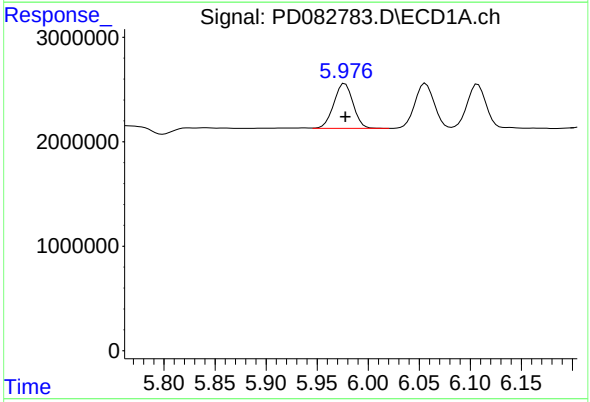
R.T.: 5.292 min
Delta R.T.: 0.028 min
Response: 5718258
Conc: 57.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



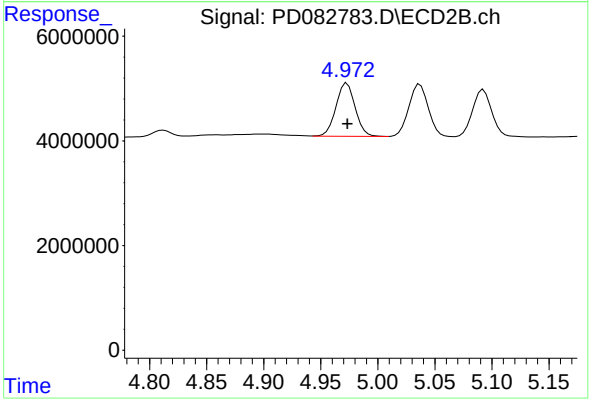
#24 Chlordane-2

R.T.: 4.349 min
Delta R.T.: 0.005 min
Response: 1408221
Conc: 6.65 ng/ml



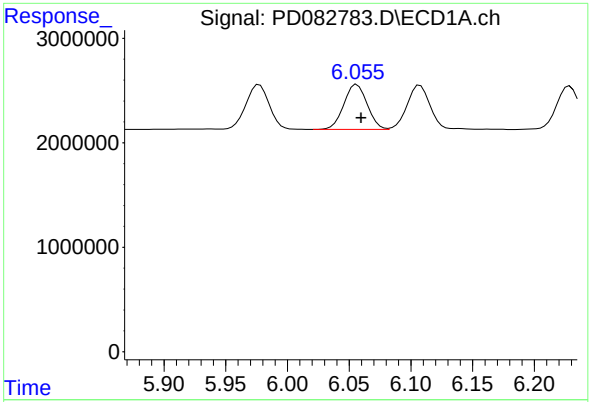
#25 Chlordane-3

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 5662452
Conc: 14.37 ng/ml



#25 Chlordane-3

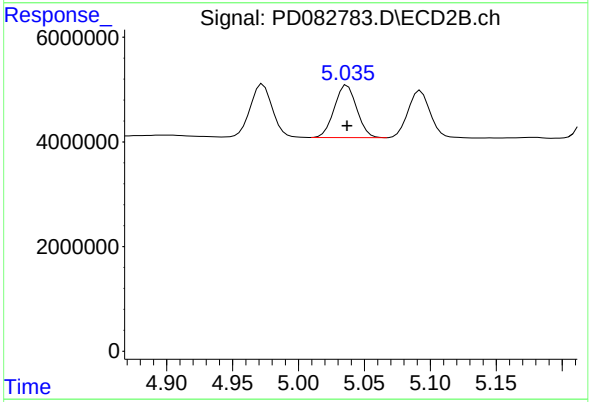
R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 11921253
Conc: 19.78 ng/ml



#26 Chlordane-4

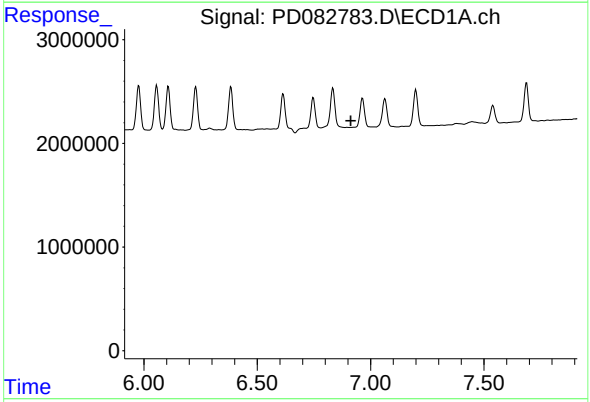
R.T.: 6.056 min
Delta R.T.: -0.003 min
Response: 5674200
Conc: 12.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



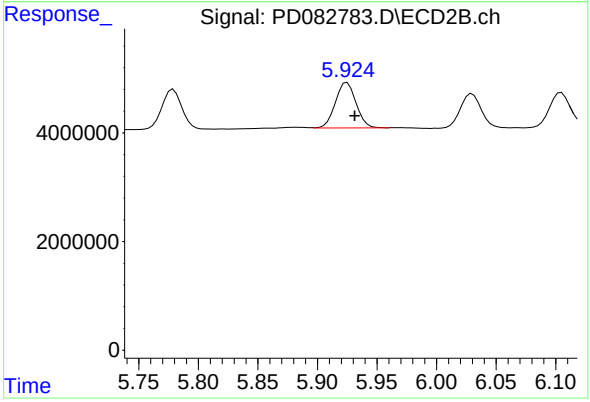
#26 Chlordane-4

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 11861383
Conc: 20.64 ng/ml



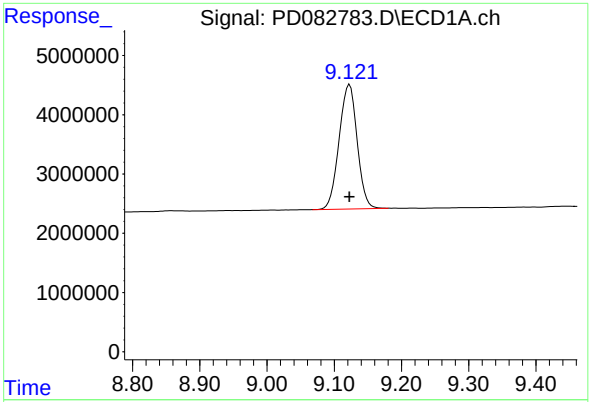
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#27 Chlordane-5

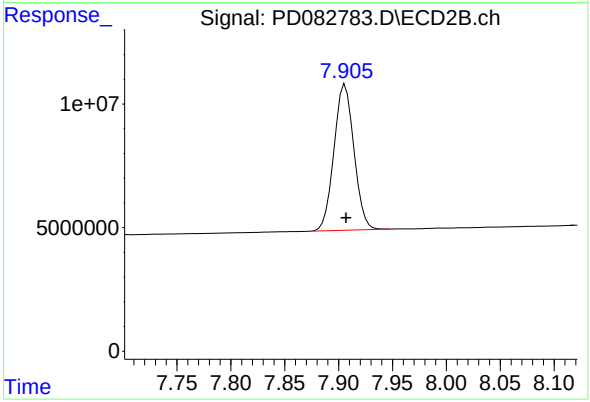
R.T.: 5.925 min
Delta R.T.: -0.006 min
Response: 10103840
Conc: 50.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 39116851
Conc: 19.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 75991797
Conc: 19.66 ng/ml