Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052324\
Data File : PD082948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2024 12:14
Operator : AR\AJ
Sample : P2409-02
Misc : PEST MDL WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 22:49:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051924CLP.M
Quant Title : GC Extractables
QLast Update : Fri May 17 05:17:58 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...	3.567	2.779	29008218	82260689	19.394	21.154	
27)	SA Decachlor...	9.121	7.904	43262901	86733472	21.584	21.922	
	Target Compounds							
2)	A alpha-BHC	4.023	3.276	2074829	6257527	0.813	1.007	
3)	MA gamma-BHC...	4.357	3.605	2141911	5023462	0.868	0.868	
4)	MA Heptachlor	4.949	3.943	2256400	4550176	0.896	0.817	
5)	MB Aldrin	5.293	4.222	2428175	5092097	1.003	0.921	
6)	B beta-BHC	0.000	3.900	0	1949334	N.D.	0.777	
7)	B delta-BHC	4.800	4.129	3484519	4985689	1.423	0.843	#
8)	B Heptachlo...	5.720	4.723	2155927	4792061	0.965	0.938	
9)	A Endosulfan I	6.107	5.092	2270481	4391854	1.091	0.974	
10)	B trans-Chl...	5.977	4.972	2276822	5091613	1.052	1.022	
11)	B cis-Chlor...	6.056	5.036	2326188	4939977	1.042	0.973	
12)	B 4,4'-DDE	6.227	5.224	2218811	4469871	1.017	0.937	
13)	MA Dieldrin	6.383	5.355	2191487	4705363	0.997	0.942	
14)	MA Endrin	6.614	5.631	1341180	3455603	0.752	0.790	
15)	B Endosulfa...	6.833	5.924	2219984	4217694	1.152	1.001	
16)	A 4,4'-DDD	6.747	5.777	1676289	4086412	1.081	1.086	
17)	MA 4,4'-DDT	0.000	6.027	0	2430086	N.D.	0.633	
18)	B Endrin al...	6.963	6.104	1679755	3562170	1.209	1.130	
19)	B Endosulfa...	7.200	6.326	1872964	4096248	1.061	1.019	
20)	A Methoxychlor	0.000	6.603	0	1362242	N.D.	0.694	
21)	B Endrin ke...	7.686	6.831	2144711	4969888	1.138	1.105	
22)	Toxaphene-1	0.000	4.972	0	5091613	N.D.	192.309	
23)	Toxaphene-2	0.000	5.631f	0	3455603	N.D.	121.065	
24)	Toxaphene-3	0.000	6.603	0	1362242	N.D.	14.588	
25)	Toxaphene-4	7.200	6.718	1872964	120333	47.987	0.943	#
26)	Toxaphene-5	0.000	7.038	0	25102	N.D.	0.501	

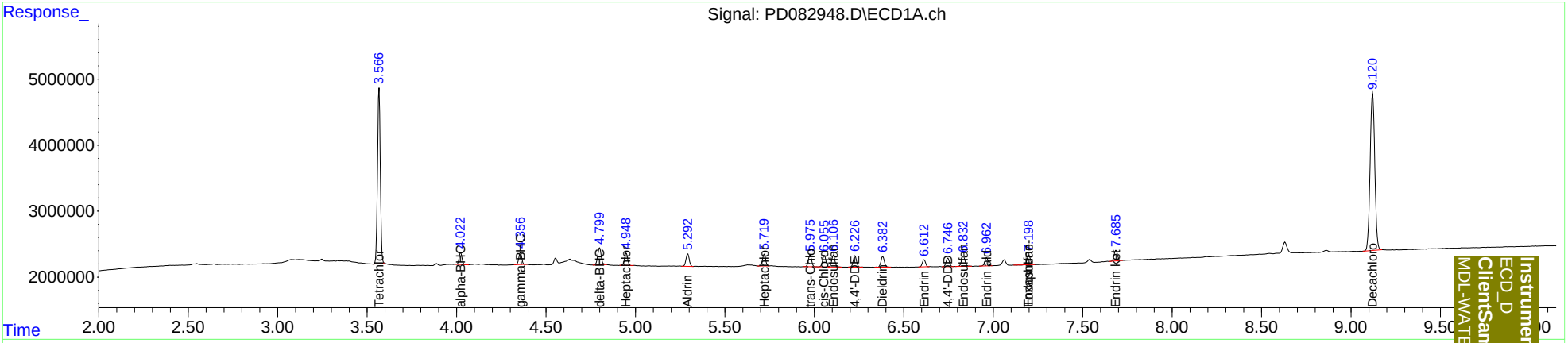
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

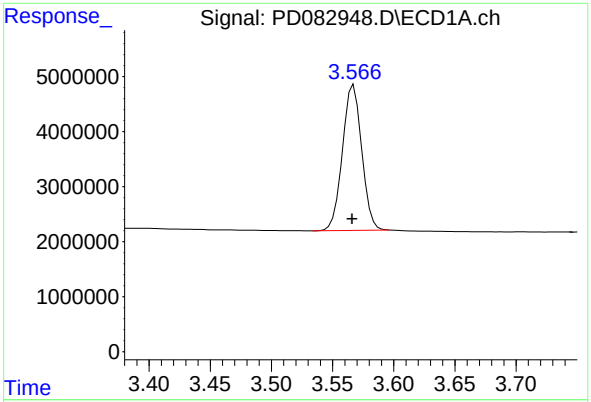
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052324\
Data File : PD082948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2024 12:14
Operator : AR\AJ
Sample : P2409-02
Misc : PEST MDL WATER
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 22:49:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051924CLP.M
Quant Title : GC Extractables
QLast Update : Fri May 17 05:17:58 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

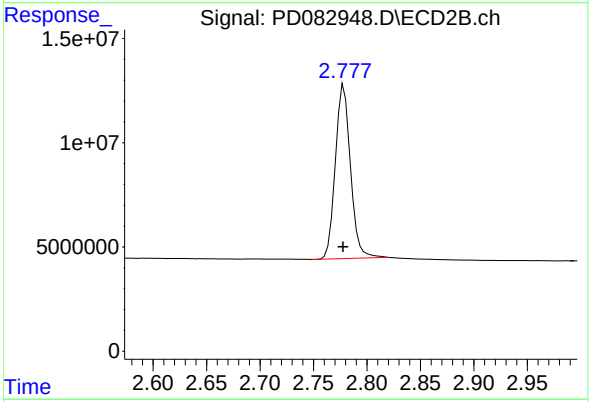




#1 Tetrachloro-m-xylene

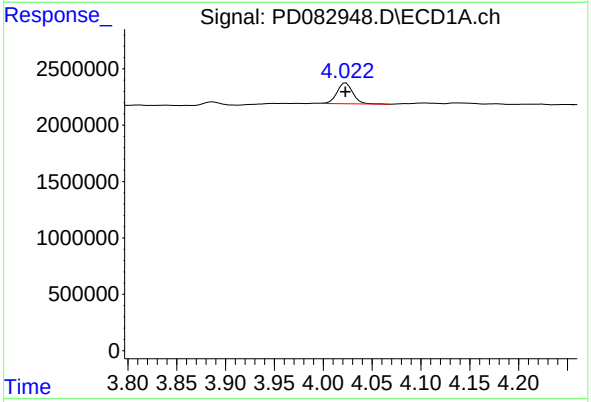
R.T.: 3.567 min
Delta R.T.: 0.001 min
Response: 29008218
Conc: 19.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



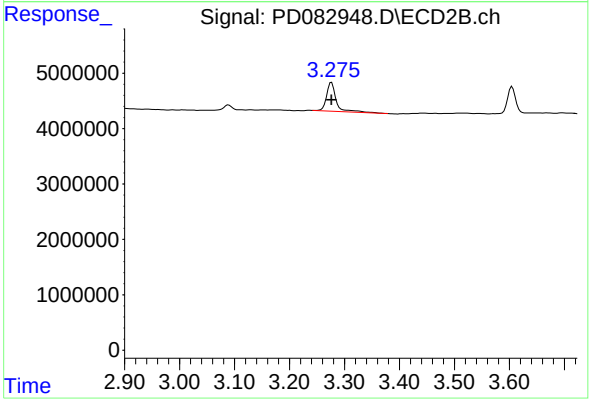
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.001 min
Response: 82260689
Conc: 21.15 ng/ml



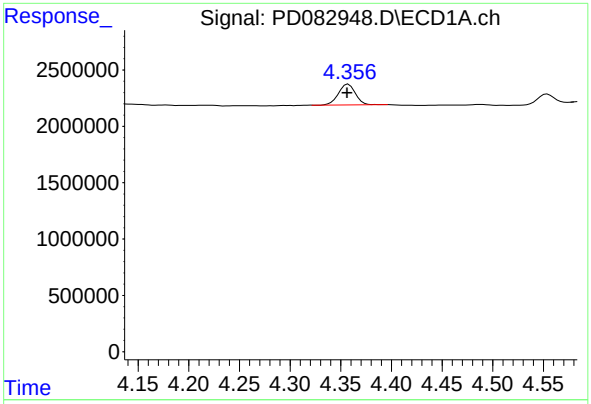
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2074829
Conc: 0.81 ng/ml



#2 alpha-BHC

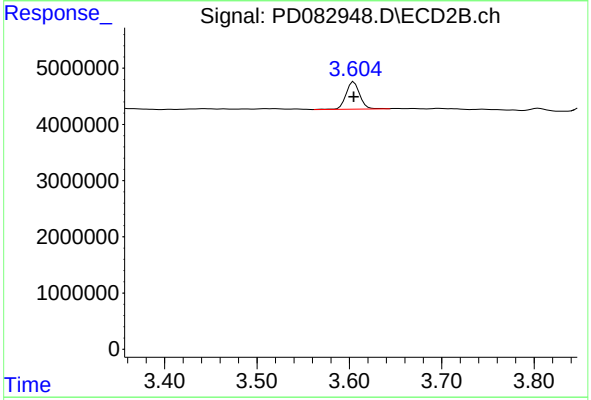
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 6257527
Conc: 1.01 ng/ml



#3 gamma-BHC (Lindane)

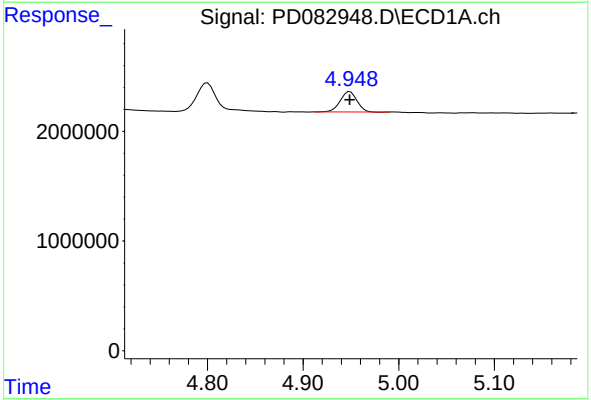
R.T.: 4.357 min
Delta R.T.: 0.001 min
Response: 2141911
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



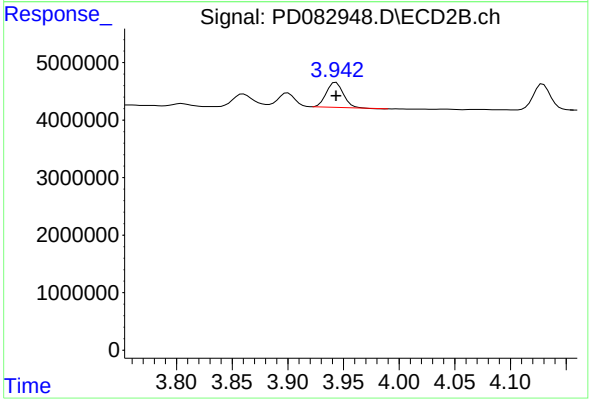
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 5023462
Conc: 0.87 ng/ml



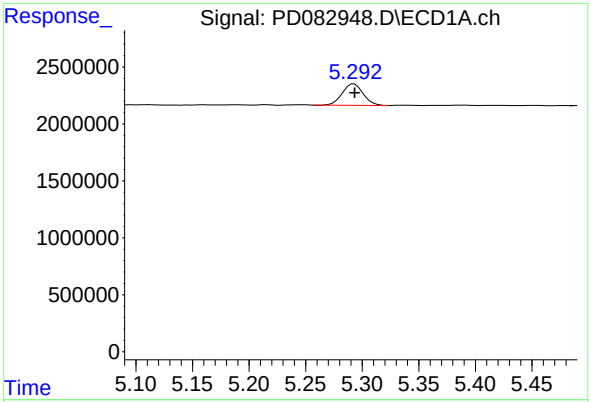
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 2256400
Conc: 0.90 ng/ml



#4 Heptachlor

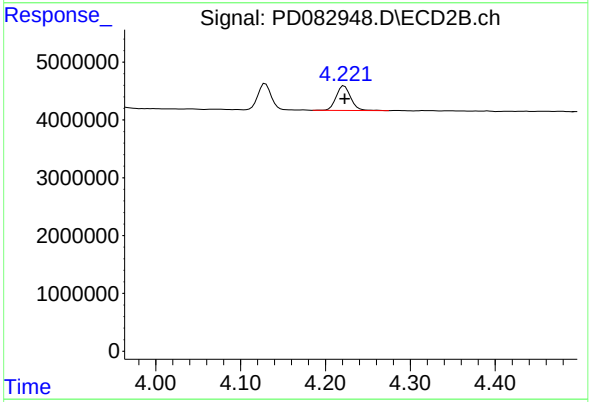
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 4550176
Conc: 0.82 ng/ml



#5 Aldrin

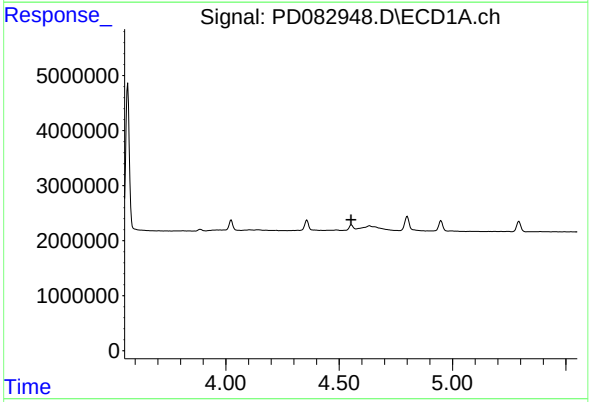
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 2428175
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



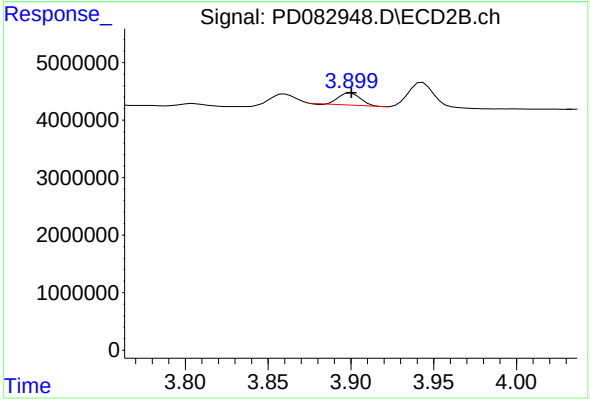
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 5092097
Conc: 0.92 ng/ml



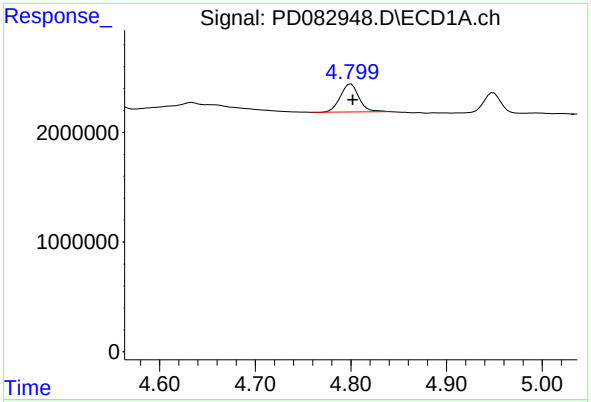
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.



#6 beta-BHC

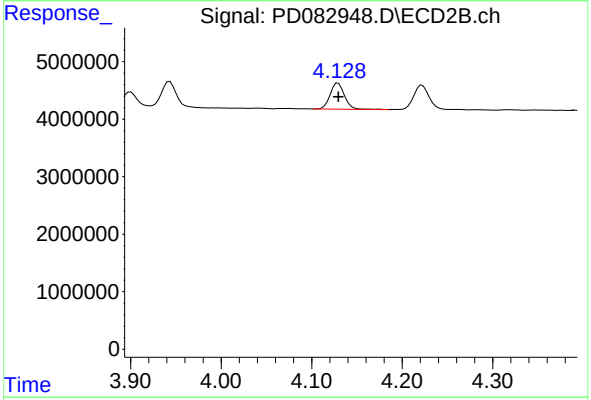
R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 1949334
Conc: 0.78 ng/ml



#7 delta-BHC

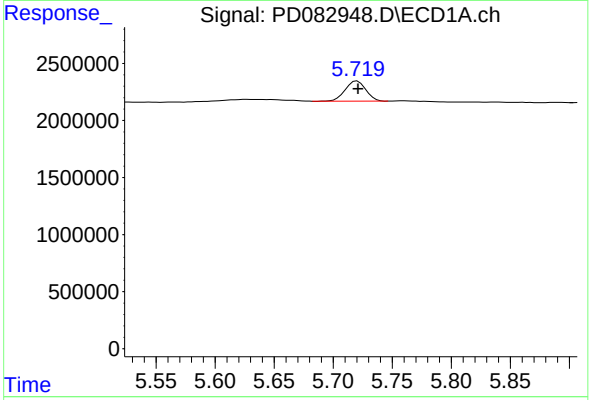
R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 3484519
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



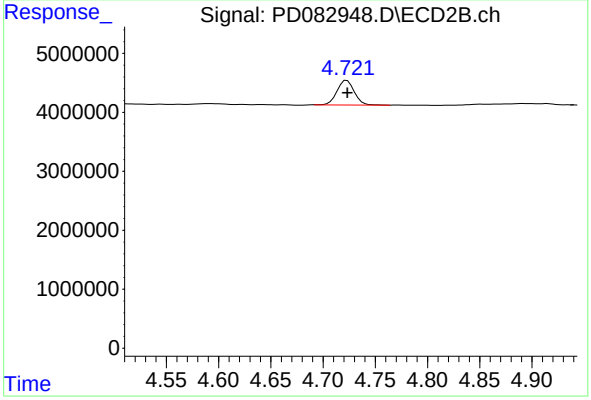
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 4985689
Conc: 0.84 ng/ml



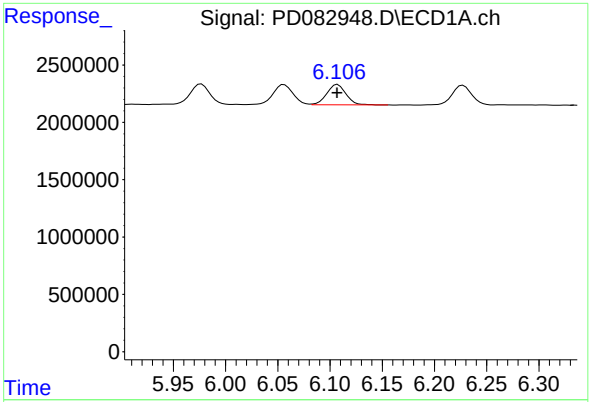
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 2155927
Conc: 0.97 ng/ml



#8 Heptachlor epoxide

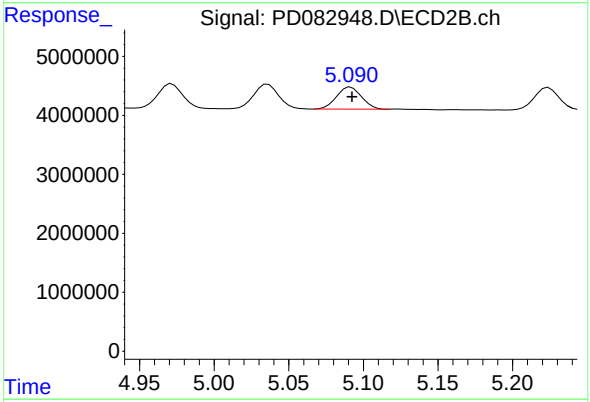
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 4792061
Conc: 0.94 ng/ml



#9 Endosulfan I

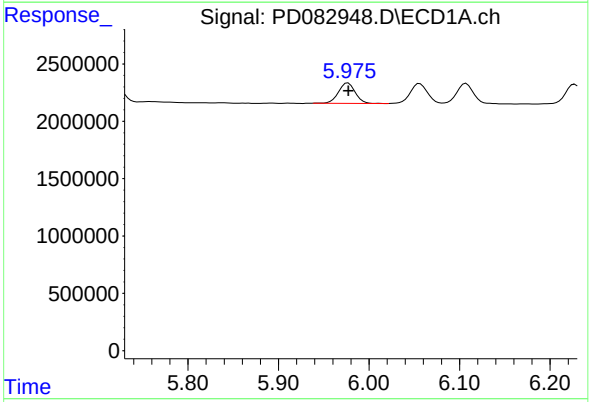
R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 2270481
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



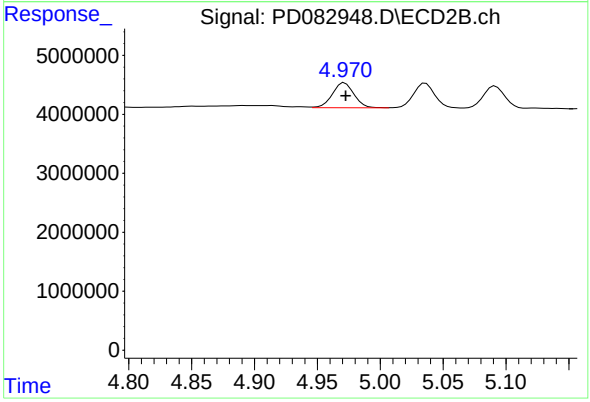
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 4391854
Conc: 0.97 ng/ml



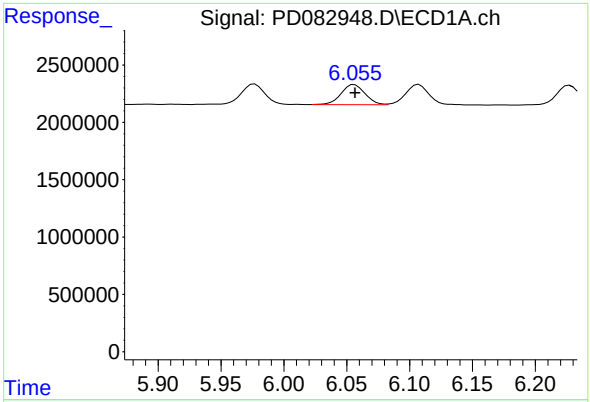
#10 trans-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 2276822
Conc: 1.05 ng/ml



#10 trans-Chlordane

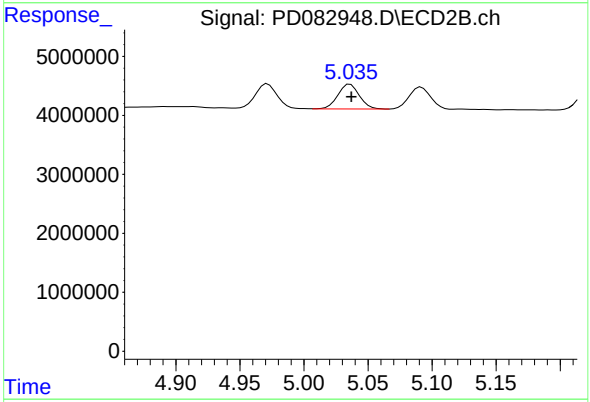
R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 5091613
Conc: 1.02 ng/ml



#11 cis-Chlordane

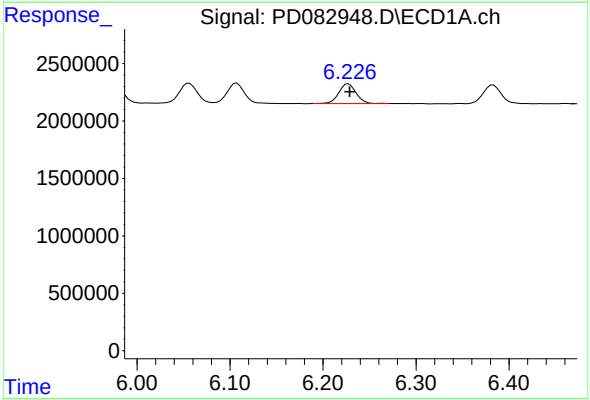
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 2326188
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



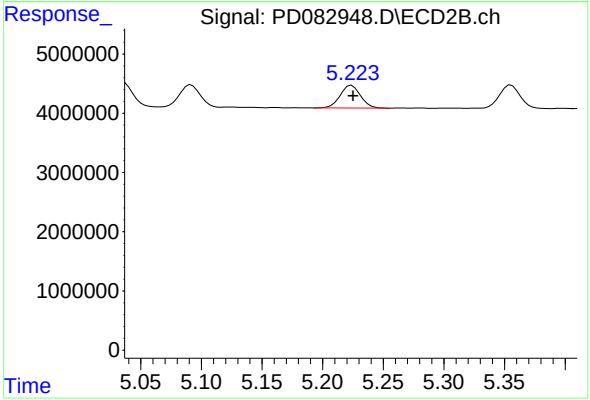
#11 cis-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 4939977
Conc: 0.97 ng/ml



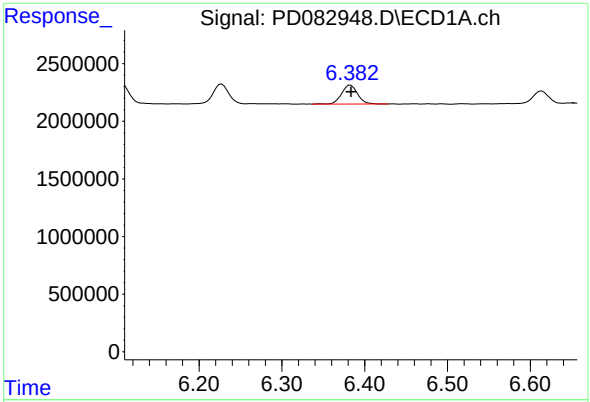
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: -0.001 min
Response: 2218811
Conc: 1.02 ng/ml



#12 4,4'-DDE

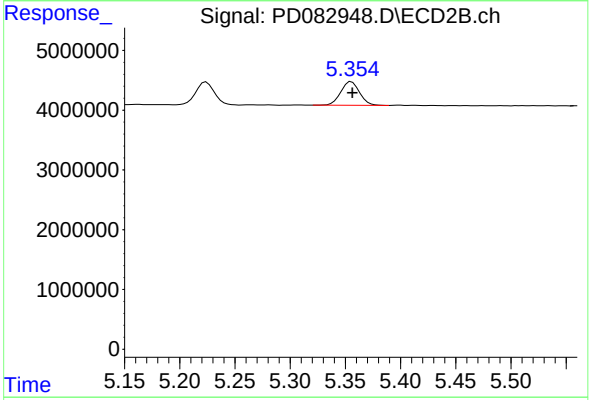
R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 4469871
Conc: 0.94 ng/ml



#13 Dieldrin

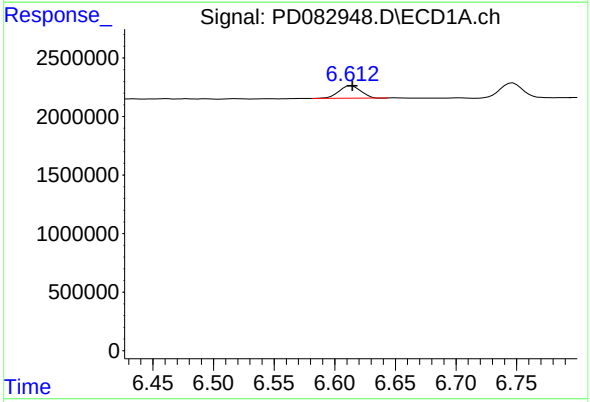
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2191487
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



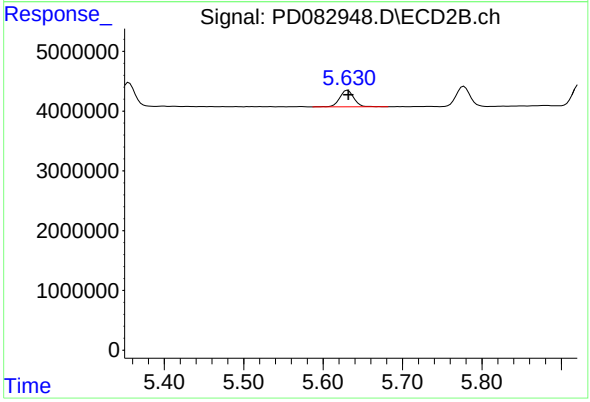
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.001 min
Response: 4705363
Conc: 0.94 ng/ml



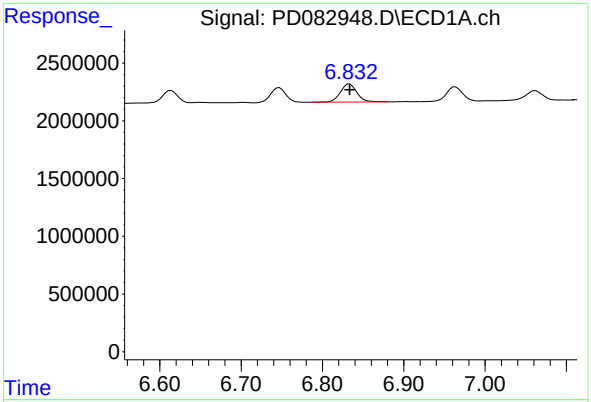
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 1341180
Conc: 0.75 ng/ml



#14 Endrin

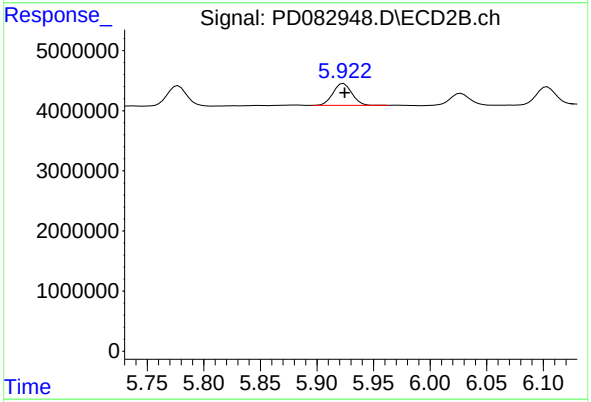
R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 3455603
Conc: 0.79 ng/ml



#15 Endosulfan II

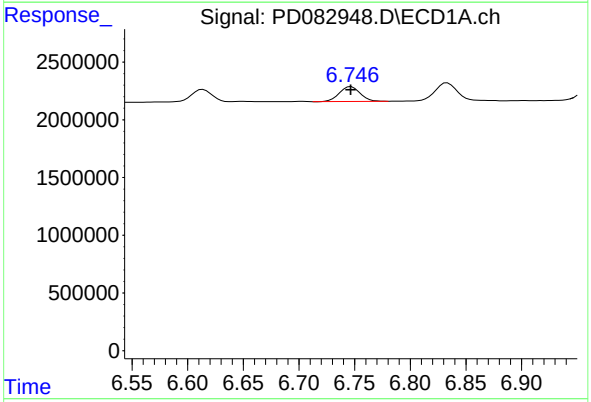
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 2219984
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



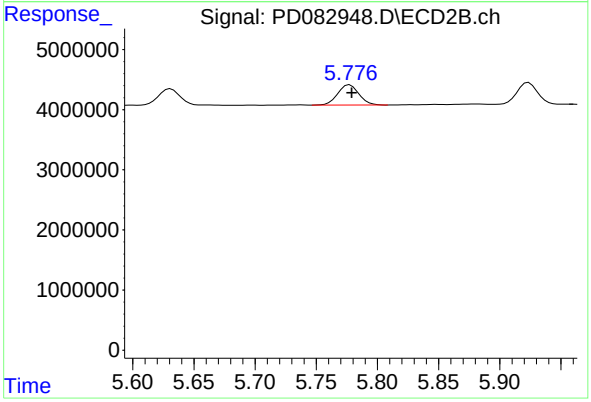
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 4217694
Conc: 1.00 ng/ml



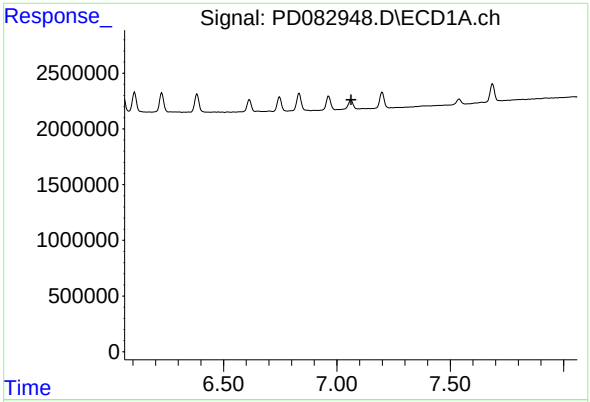
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 1676289
Conc: 1.08 ng/ml



#16 4,4'-DDD

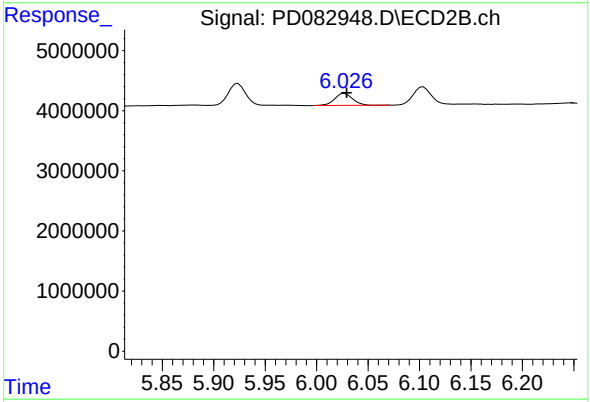
R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 4086412
Conc: 1.09 ng/ml



#17 4,4'-DDT

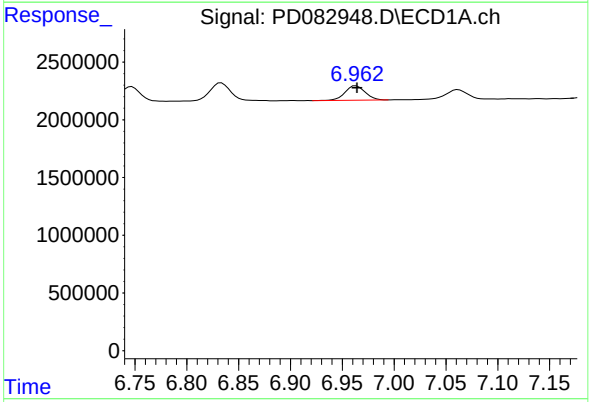
R.T.: 0.000 min
Exp R.T. : 7.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



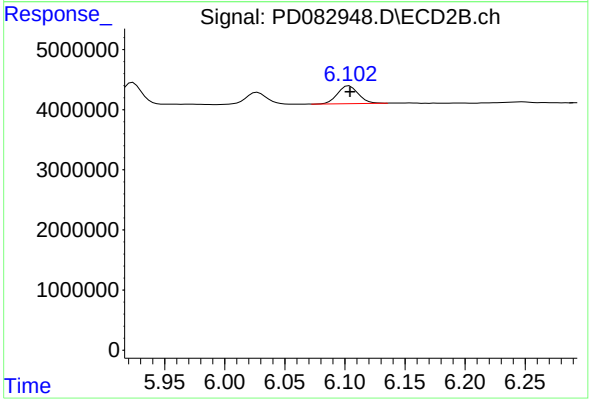
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 2430086
Conc: 0.63 ng/ml



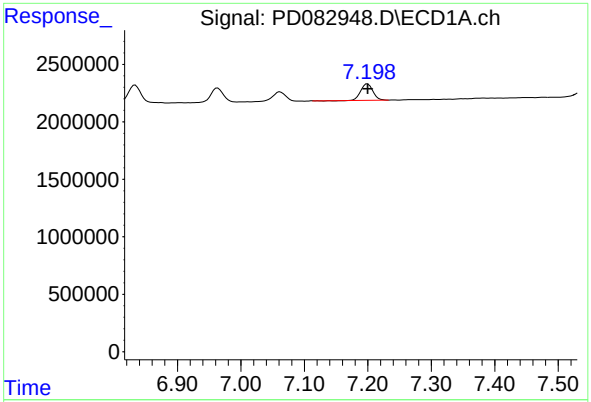
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 1679755
Conc: 1.21 ng/ml



#18 Endrin aldehyde

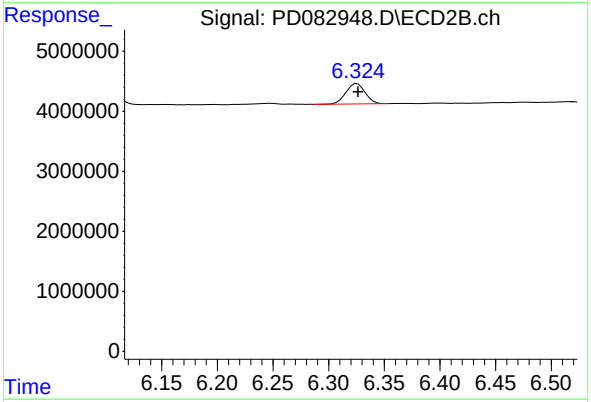
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 3562170
Conc: 1.13 ng/ml



#19 Endosulfan Sulfate

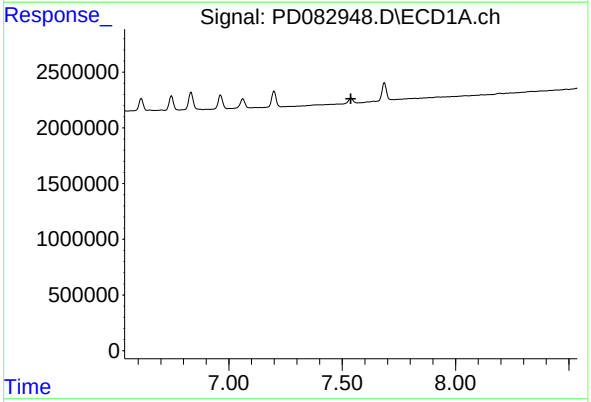
R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 1872964
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



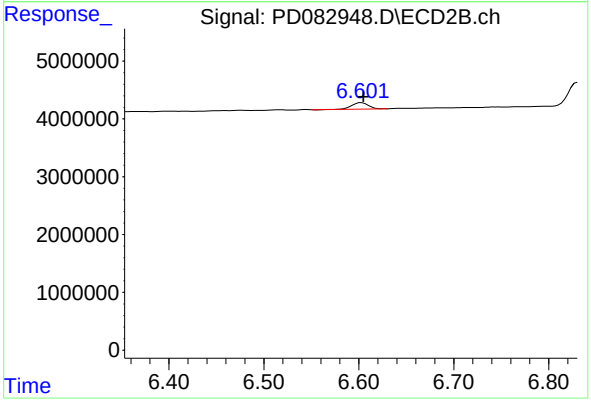
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 4096248
Conc: 1.02 ng/ml



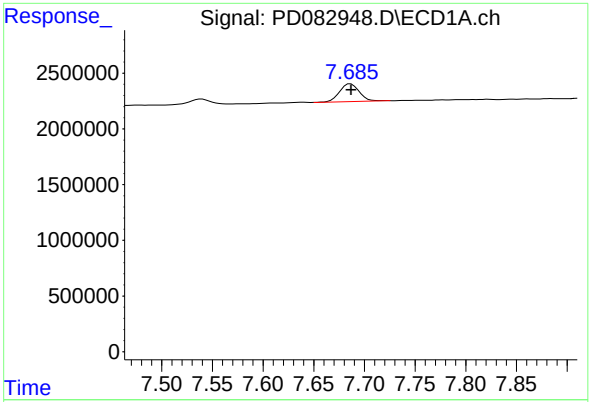
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.538 min
Response: 0
Conc: N.D.



#20 Methoxychlor

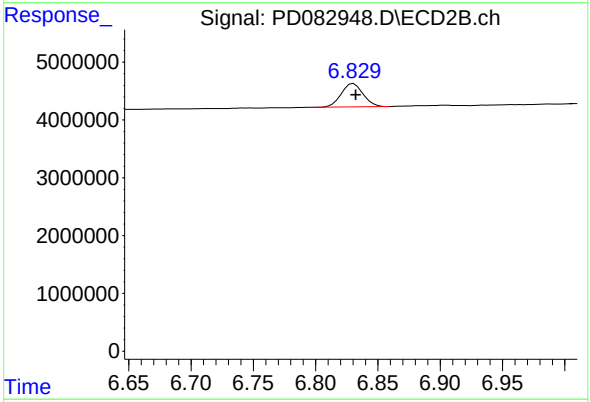
R.T.: 6.603 min
Delta R.T.: -0.002 min
Response: 1362242
Conc: 0.69 ng/ml



#21 Endrin ketone

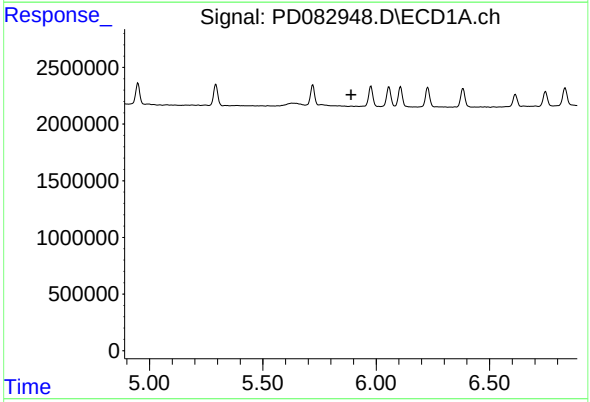
R.T.: 7.686 min
Delta R.T.: 0.000 min
Response: 2144711
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



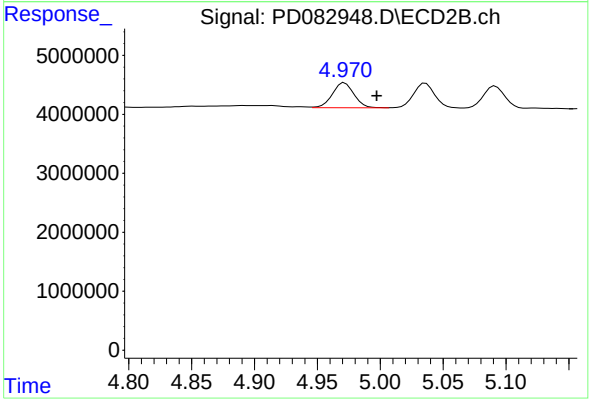
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.002 min
Response: 4969888
Conc: 1.11 ng/ml



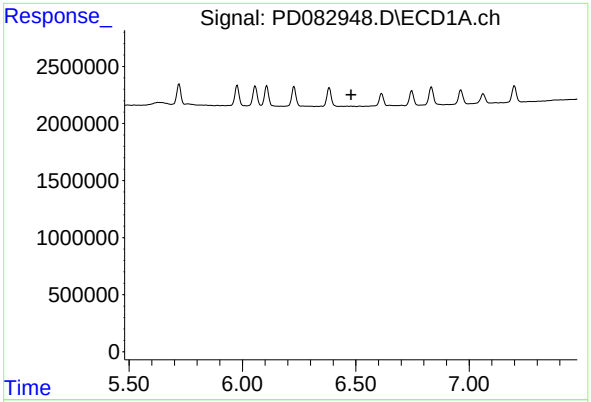
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.889 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

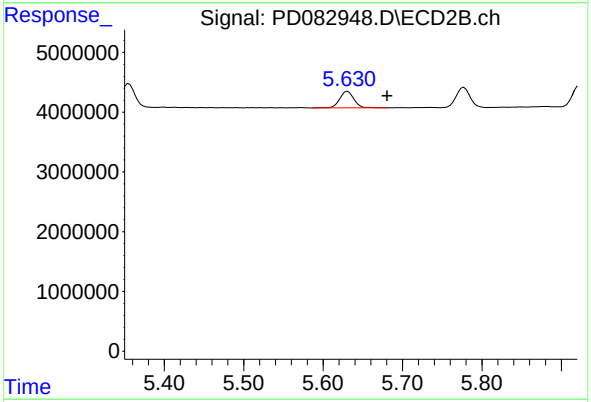
R.T.: 4.972 min
Delta R.T.: -0.025 min
Response: 5091613
Conc: 192.31 ng/ml



#23 Toxaphene-2

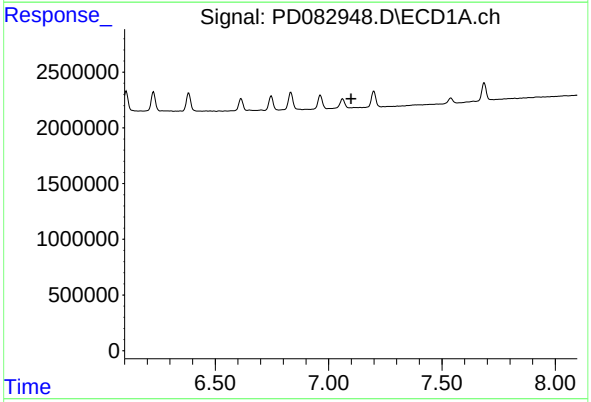
R.T.: 0.000 min
Exp R.T. : 6.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



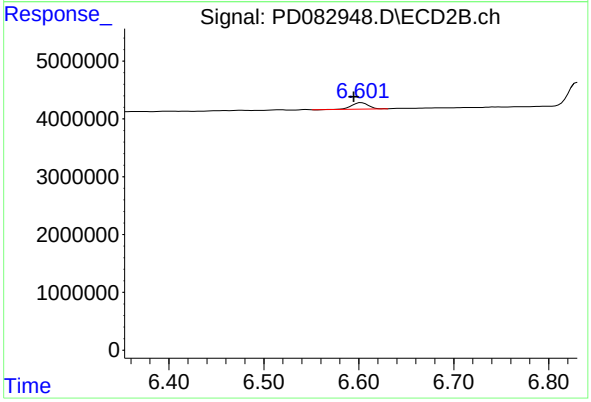
#23 Toxaphene-2

R.T.: 5.631 min
Delta R.T.: -0.049 min
Response: 3455603
Conc: 121.06 ng/ml



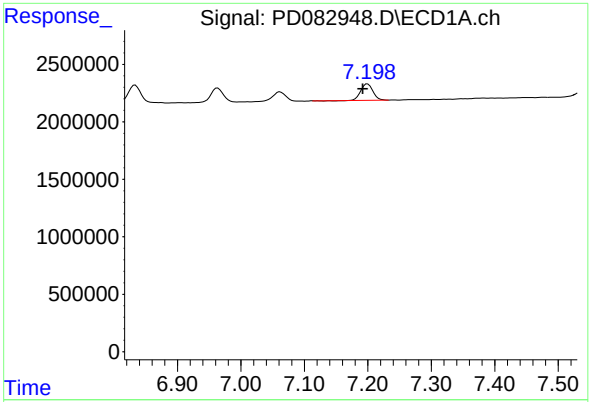
#24 Toxaphene-3

R.T.: 0.000 min
Exp R.T. : 7.100 min
Response: 0
Conc: N.D.



#24 Toxaphene-3

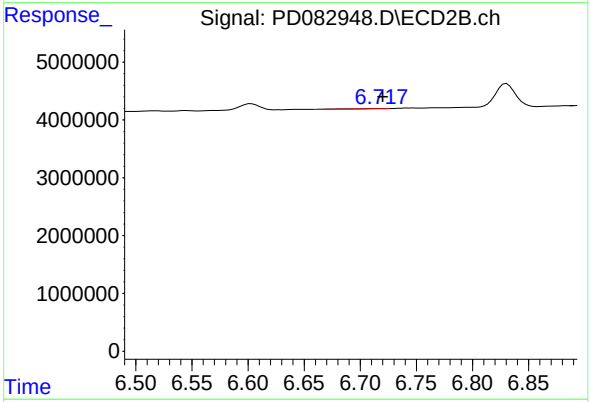
R.T.: 6.603 min
Delta R.T.: 0.008 min
Response: 1362242
Conc: 14.59 ng/ml



#25 Toxaphene-4

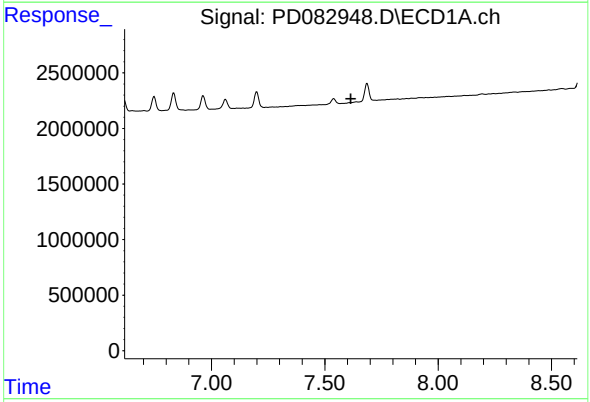
R.T.: 7.200 min
Delta R.T.: 0.008 min
Response: 1872964
Conc: 47.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



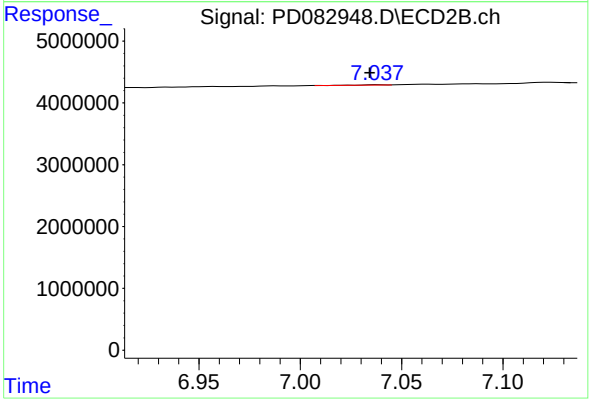
#25 Toxaphene-4

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 120333
Conc: 0.94 ng/ml



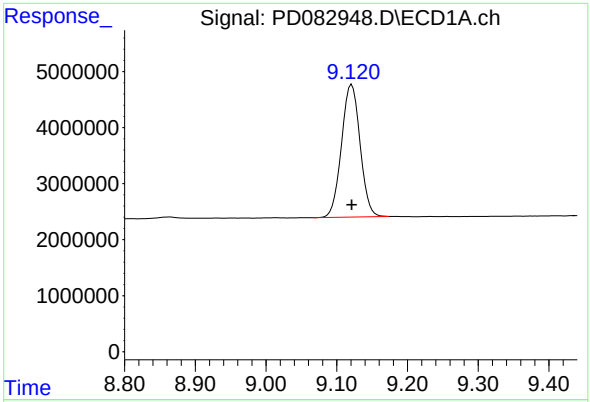
#26 Toxaphene-5

R.T.: 0.000 min
Exp R.T. : 7.615 min
Response: 0
Conc: N.D.



#26 Toxaphene-5

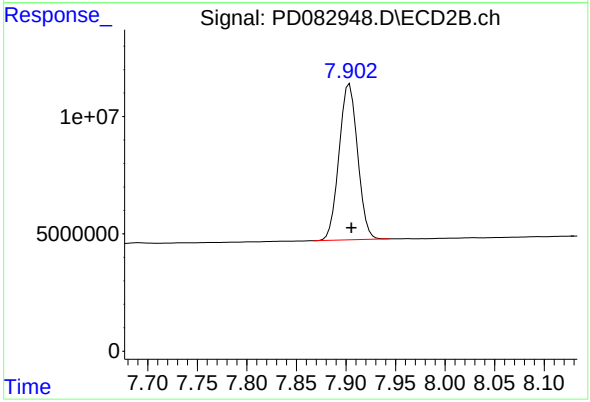
R.T.: 7.038 min
Delta R.T.: 0.004 min
Response: 25102
Conc: 0.50 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.000 min
Response: 43262901
Conc: 21.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT2-2024-04



#27 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 86733472
Conc: 21.92 ng/ml