

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111524\
 Data File : PD086695.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2024 11:24
 Operator : AR\AJ
 Sample : P4368-08
 Misc : CHLOR LOQ 50 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 02:56:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 11:38:14 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...	3.557	2.885	29962740	216.5E6	20.512	21.893
2)	SA Decachlor...	9.086	8.089	44601232	228.9E6	23.265	21.364
Target Compounds							
2)	A alpha-BHC	4.030f	3.389	256555	676100	0.090	0.045 #
3)	MA gamma-BHC...	0.000	3.737	0	168843	N.D.	0.012 #
4)	MA Heptachlor	4.938	4.093	5367058	27995089	1.962	1.987
5)	MB Aldrin	5.316f	4.393	274202	2814520	0.100	0.193 #
7)	B delta-BHC	4.788	4.271	472347	2758611	0.160	0.186
8)	B Heptachlo...	5.731f	0.000	156066	0	0.063	N.D. #
9)	A Endosulfan I	0.000	5.242f	0	5074460	N.D.	0.408 #
10)	B gamma-Chl...	5.955	5.138	13219556	55543879	5.491	4.080 #
11)	B alpha-Chl...	6.041	5.202	16870713	50572990	6.970	3.780 #
12)	B 4,4'-DDE	6.192f	5.388	158205	1116764	0.071	0.085
13)	MA Dieldrin	6.365	5.549f	516087	450448	0.207	0.033 #
14)	MA Endrin	0.000	5.803	0	8834894	N.D.	0.720 #
15)	B Endosulfa...	6.801	6.102	279076	21996482	0.129	1.832 #
16)	A 4,4'-DDD	6.738f	5.957	797493	538407	0.441	0.049 #
17)	MA 4,4'-DDT	0.000	6.228f	0	437138	N.D.	0.038 #
19)	B Endosulfa...	7.167	6.500	52933	1081333	0.026	0.093 #
20)	A Methoxychlor	0.000	6.783	0	256335	N.D.	0.041 #
21)	B Endrin ke...	0.000	7.011	0	60019	N.D.	0.005 #
22)	Mirex	0.000	7.219	0	752595	N.D.	0.072 #
23)	Chlordane-1	4.724	3.914	3284189	19236462	36.504	41.366
24)	Chlordane-2	5.249	4.497	4037116	21617817	41.328	43.639
25)	Chlordane-3	5.955	5.138	13219556	55543879	34.944	37.305
26)	Chlordane-4	6.041	5.202	16870713	50572990	36.722	40.260
27)	Chlordane-5	6.881	5.872	900654	17320209	11.195	42.425 #

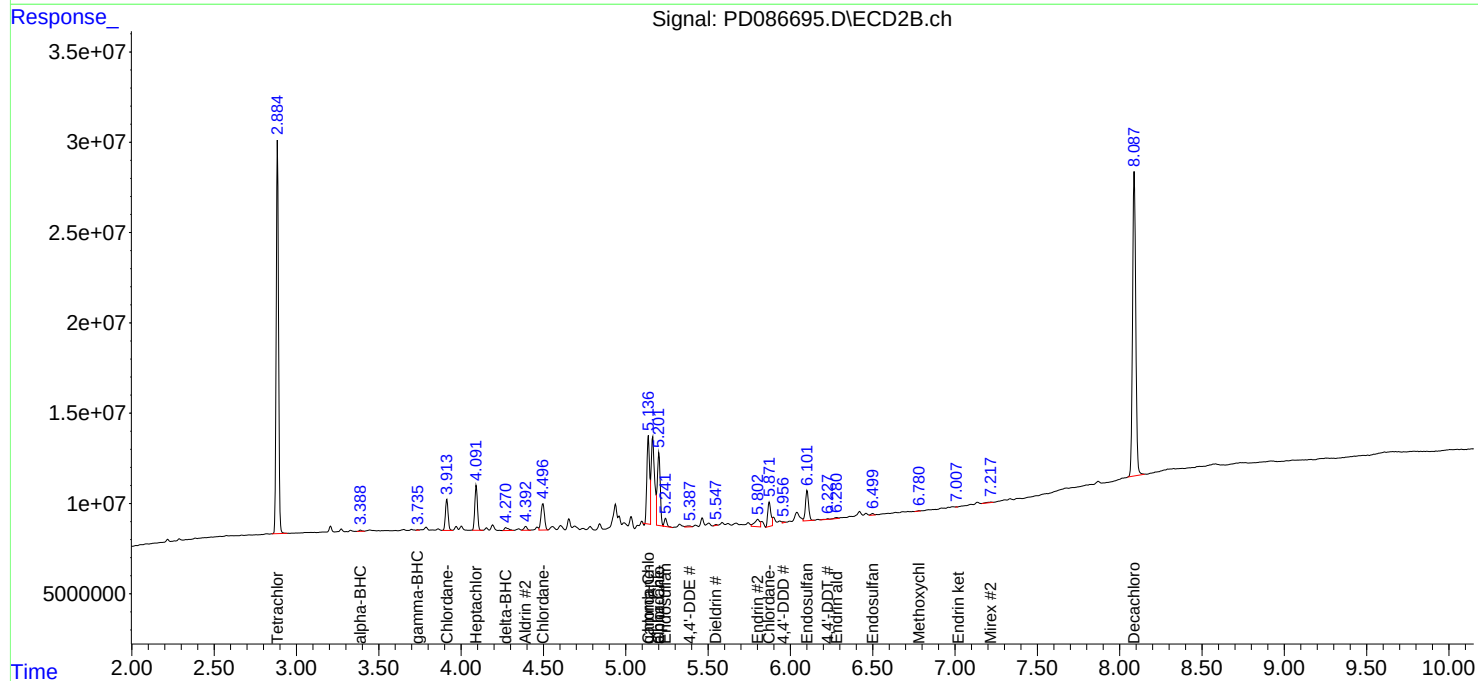
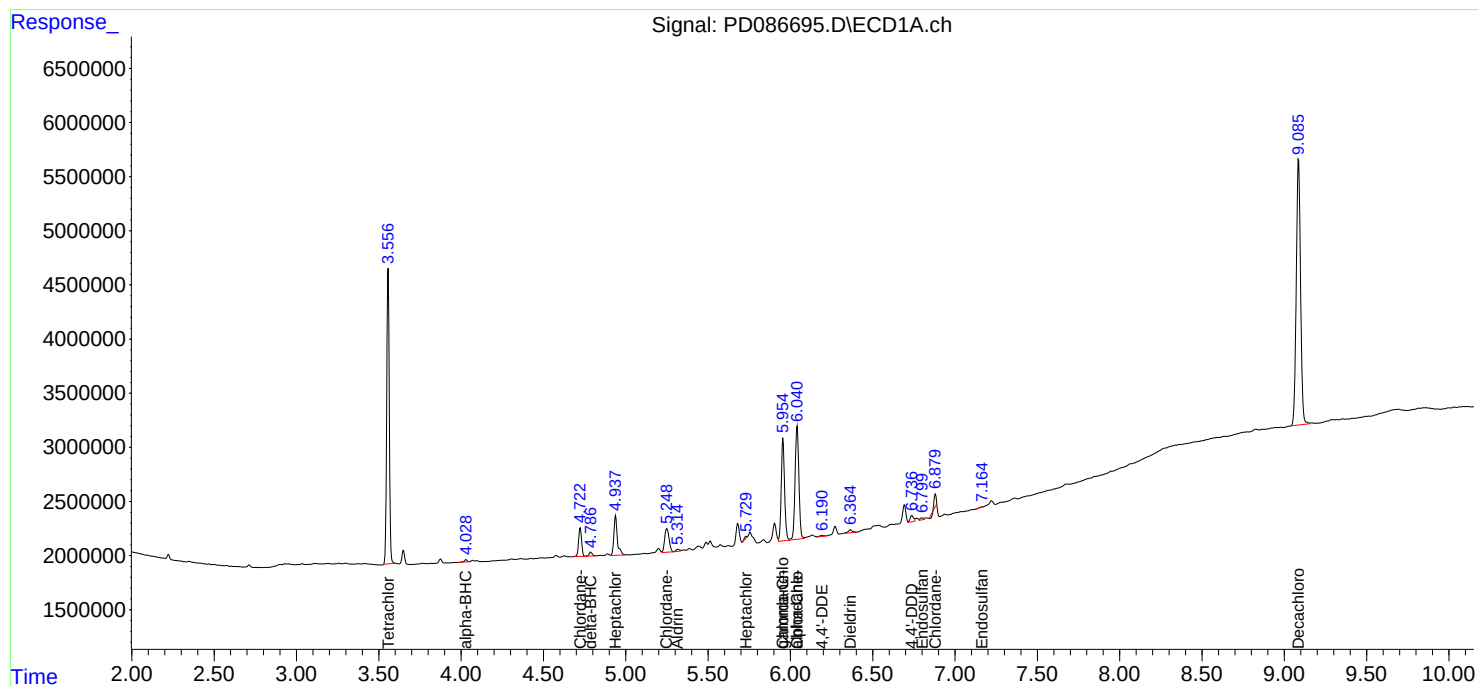
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

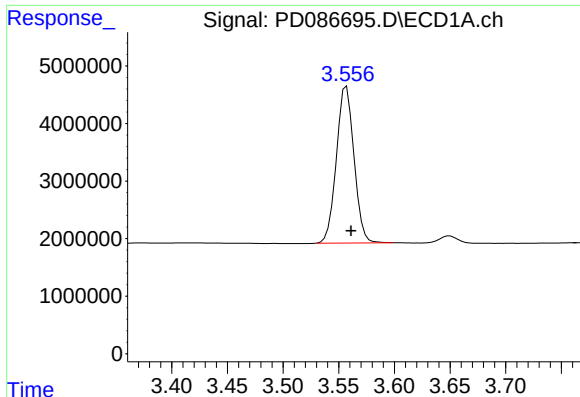
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111524\
Data File : PD086695.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2024 11:24
Operator : AR\AJ
Sample : P4368-08
Misc : CHLOR LOQ 50 PPB
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ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 02:56:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 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

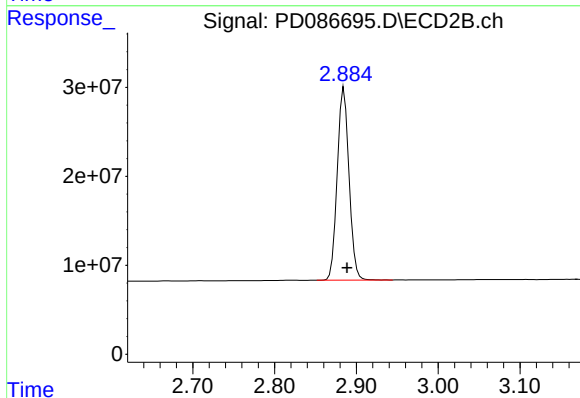




#1 Tetrachloro-m-xylene

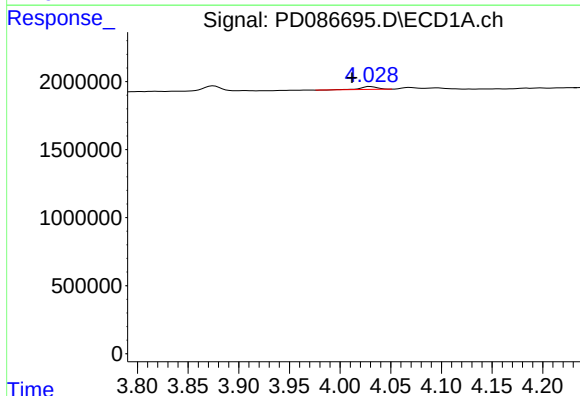
R.T.: 3.557 min
Delta R.T.: -0.004 min
Response: 29962740
Conc: 20.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



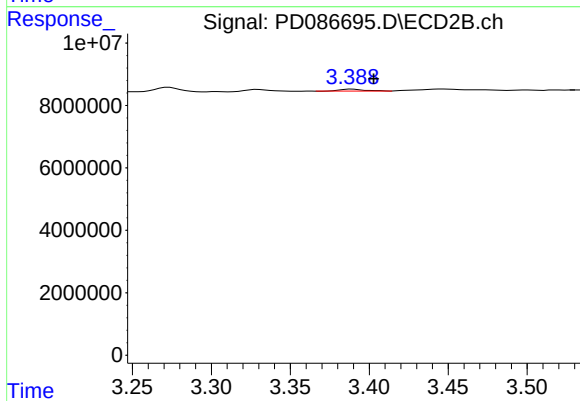
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: -0.003 min
Response: 216507284
Conc: 21.89 ng/ml



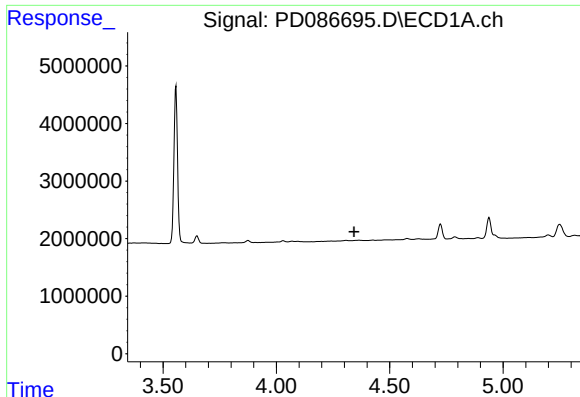
#2 alpha-BHC

R.T.: 4.030 min
Delta R.T.: 0.018 min
Response: 256555
Conc: 0.09 ng/ml



#2 alpha-BHC

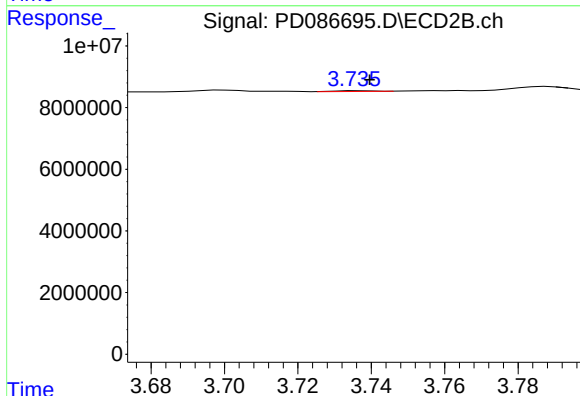
R.T.: 3.389 min
Delta R.T.: -0.014 min
Response: 676100
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

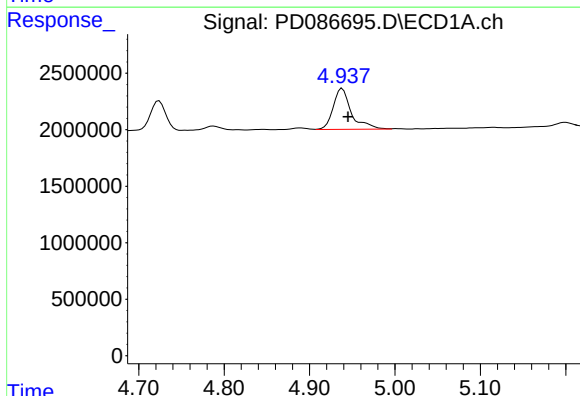
R.T.: 0.000 min
Exp R.T.: 4.343 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



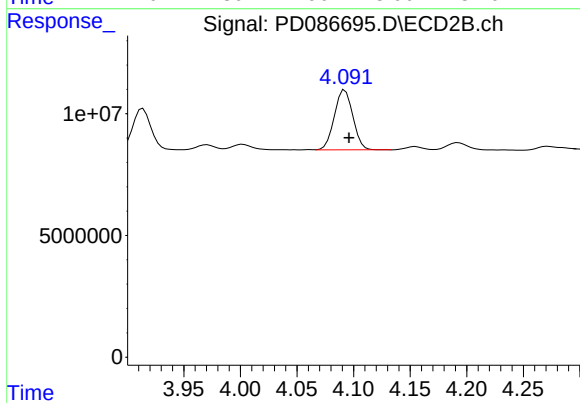
#3 gamma-BHC (Lindane)

R.T.: 3.737 min
Delta R.T.: -0.003 min
Response: 168843
Conc: 0.01 ng/ml



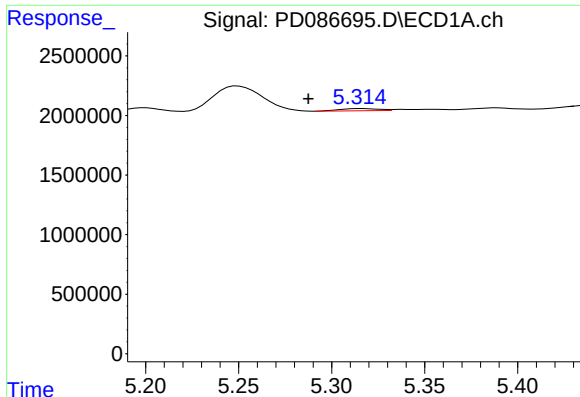
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: -0.007 min
Response: 5367058
Conc: 1.96 ng/ml



#4 Heptachlor

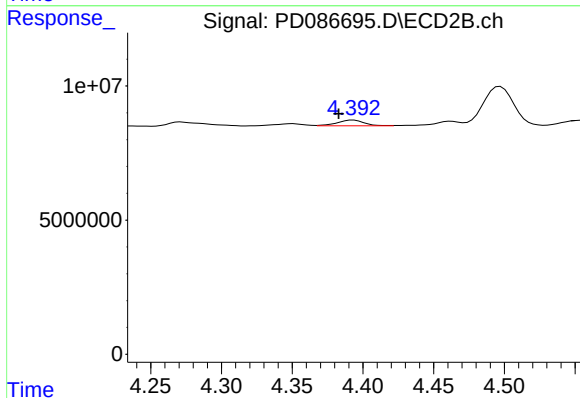
R.T.: 4.093 min
Delta R.T.: -0.004 min
Response: 27995089
Conc: 1.99 ng/ml



#5 Aldrin

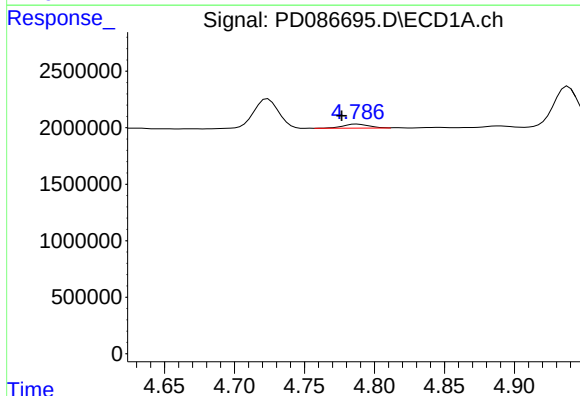
R.T.: 5.316 min
Delta R.T.: 0.029 min
Response: 274202
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



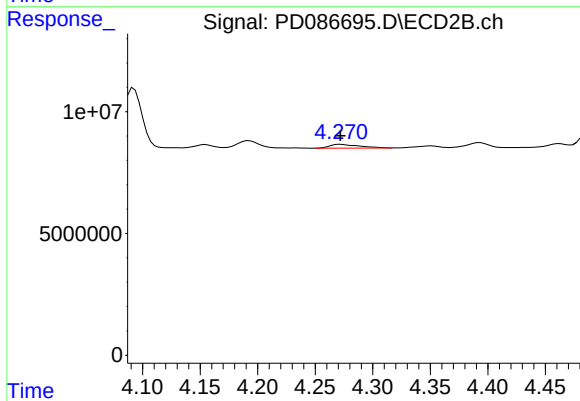
#5 Aldrin

R.T.: 4.393 min
Delta R.T.: 0.010 min
Response: 2814520
Conc: 0.19 ng/ml



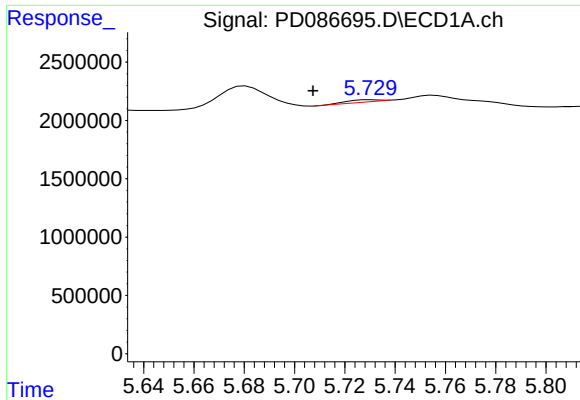
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.011 min
Response: 472347
Conc: 0.16 ng/ml



#7 delta-BHC

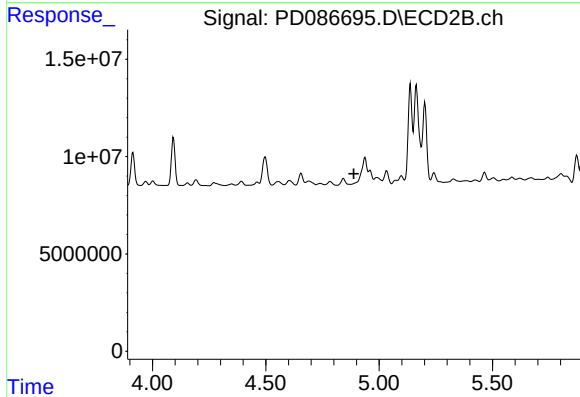
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 2758611
Conc: 0.19 ng/ml



#8 Heptachlor epoxide

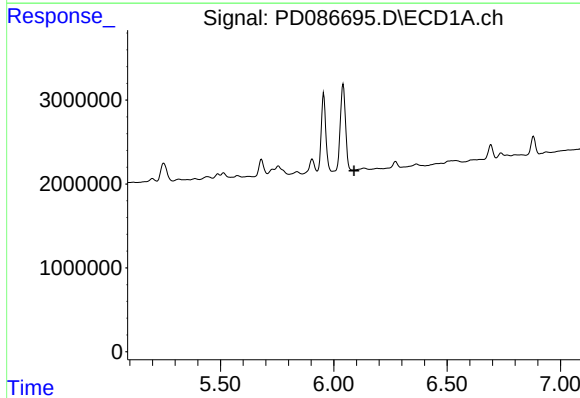
R.T.: 5.731 min
Delta R.T.: 0.023 min
Response: 156066
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



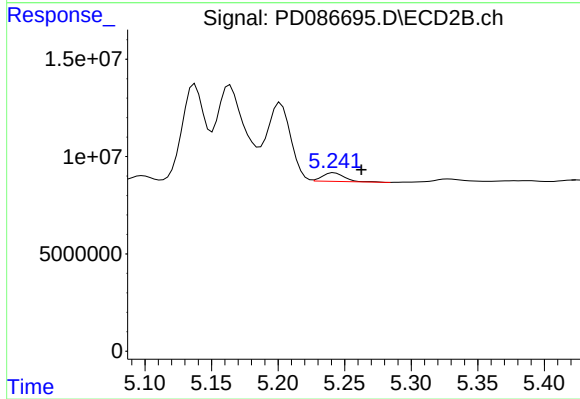
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.888 min
Response: 0
Conc: N.D.



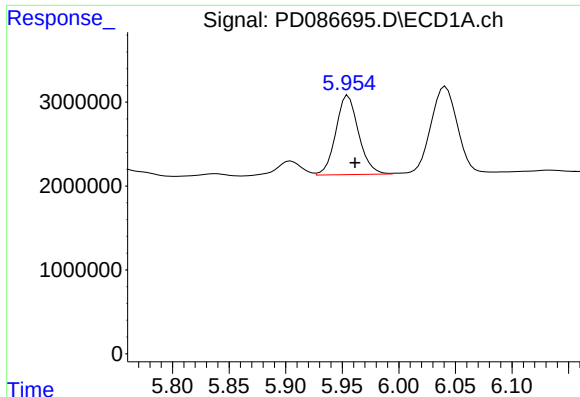
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.090 min
Response: 0
Conc: N.D.



#9 Endosulfan I

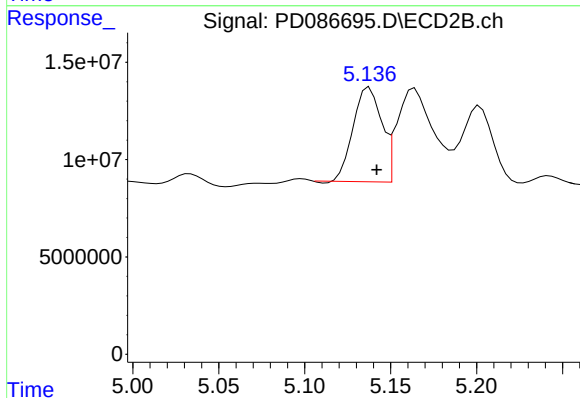
R.T.: 5.242 min
Delta R.T.: -0.020 min
Response: 5074460
Conc: 0.41 ng/ml



#10 gamma-Chlordane

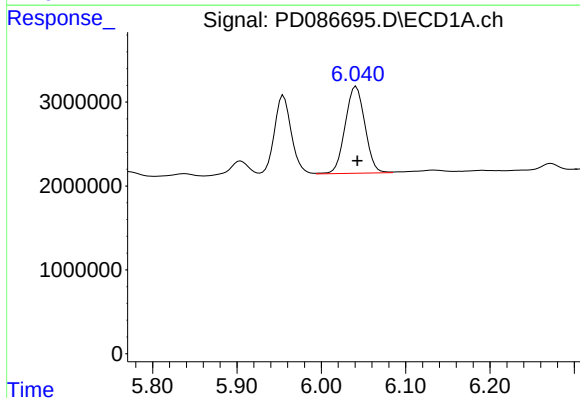
R.T.: 5.955 min
Delta R.T.: -0.006 min
Response: 13219556
Conc: 5.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



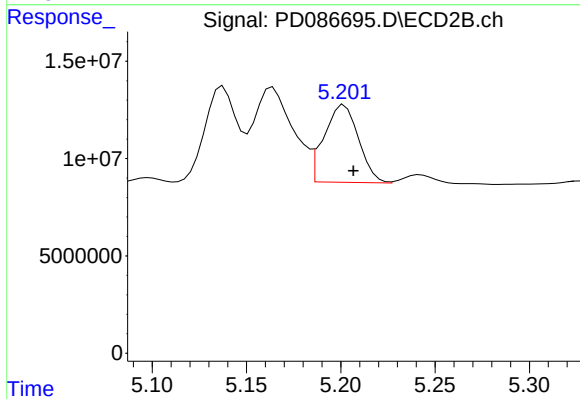
#10 gamma-Chlordane

R.T.: 5.138 min
Delta R.T.: -0.004 min
Response: 55543879
Conc: 4.08 ng/ml



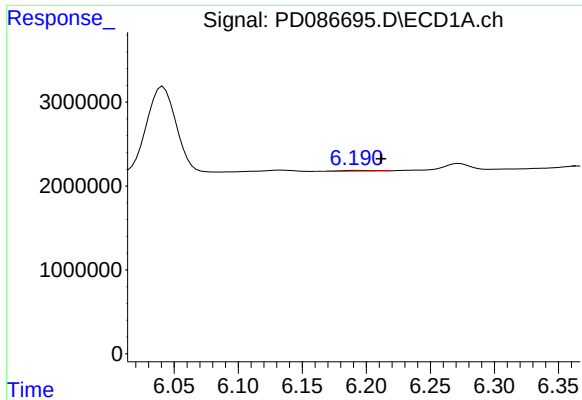
#11 alpha-Chlordane

R.T.: 6.041 min
Delta R.T.: -0.001 min
Response: 16870713
Conc: 6.97 ng/ml



#11 alpha-Chlordane

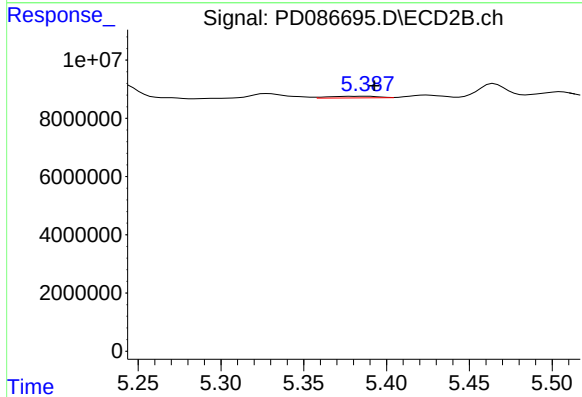
R.T.: 5.202 min
Delta R.T.: -0.005 min
Response: 50572990
Conc: 3.78 ng/ml



#12 4,4'-DDE

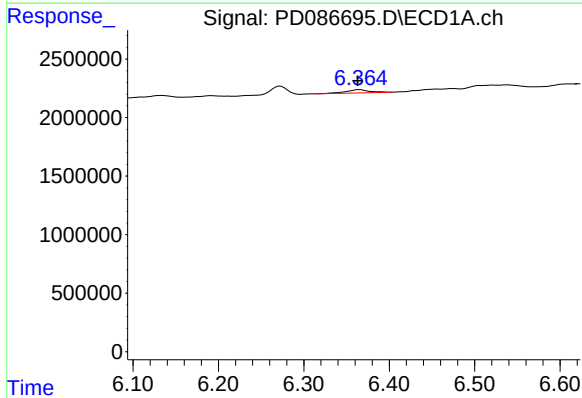
R.T.: 6.192 min
Delta R.T.: -0.019 min
Response: 158205
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



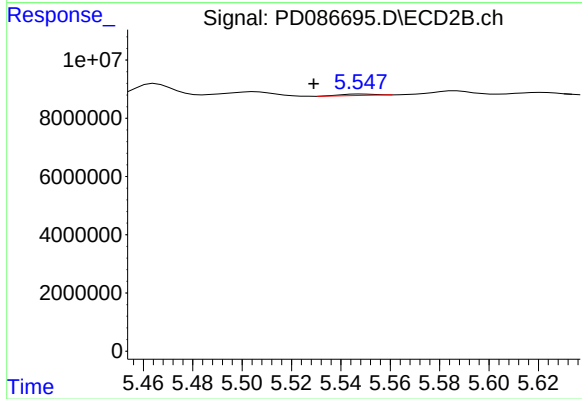
#12 4,4'-DDE

R.T.: 5.388 min
Delta R.T.: -0.004 min
Response: 1116764
Conc: 0.09 ng/ml



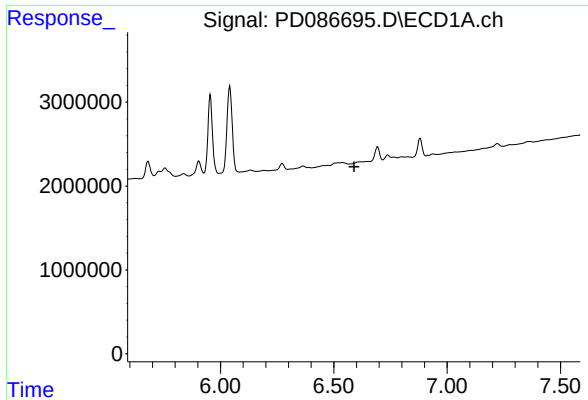
#13 Dieldrin

R.T.: 6.365 min
Delta R.T.: 0.002 min
Response: 516087
Conc: 0.21 ng/ml



#13 Dieldrin

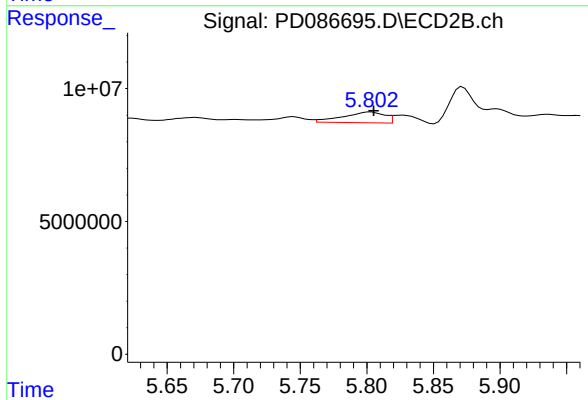
R.T.: 5.549 min
Delta R.T.: 0.020 min
Response: 450448
Conc: 0.03 ng/ml



#14 Endrin

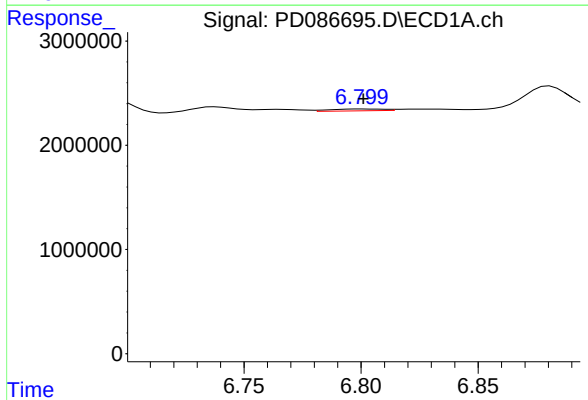
R.T.: 0.000 min
Exp R.T.: 6.590 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



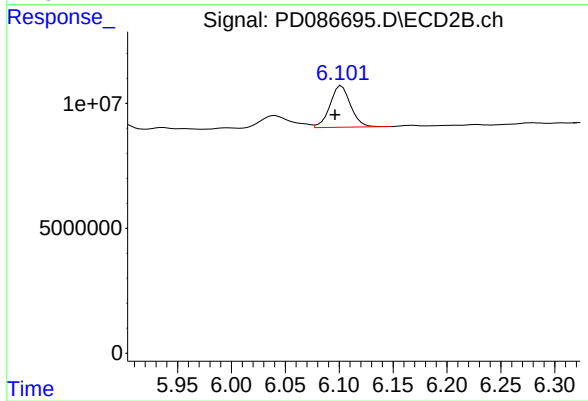
#14 Endrin

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 8834894
Conc: 0.72 ng/ml



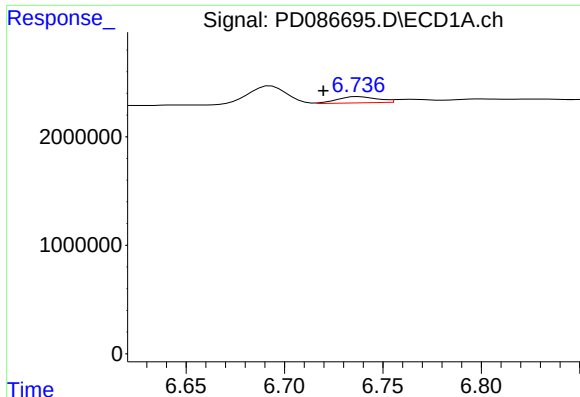
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 279076
Conc: 0.13 ng/ml



#15 Endosulfan II

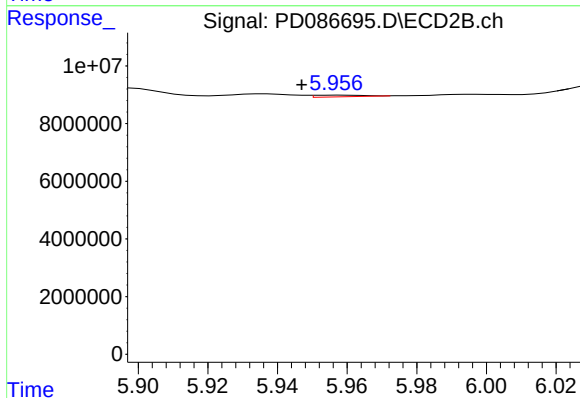
R.T.: 6.102 min
Delta R.T.: 0.006 min
Response: 21996482
Conc: 1.83 ng/ml



#16 4,4'-DDD

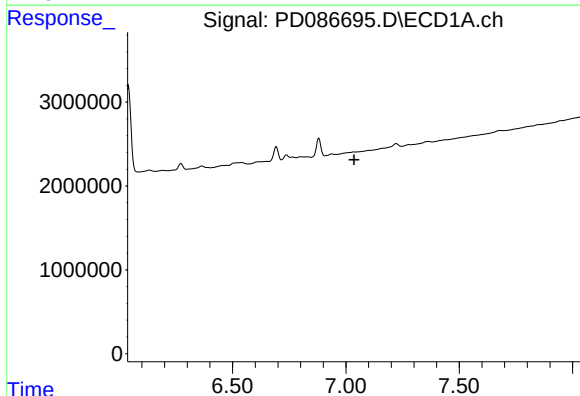
R.T.: 6.738 min
Delta R.T.: 0.018 min
Response: 797493
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



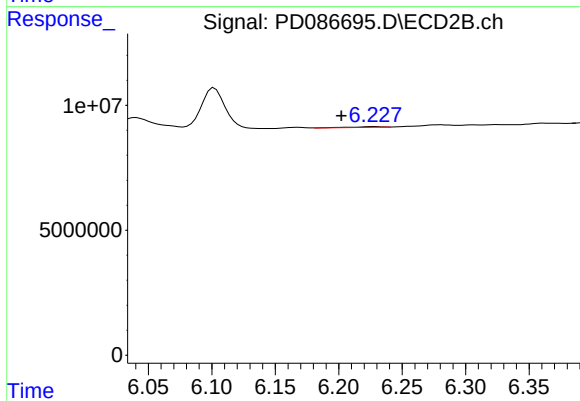
#16 4,4'-DDD

R.T.: 5.957 min
Delta R.T.: 0.010 min
Response: 538407
Conc: 0.05 ng/ml



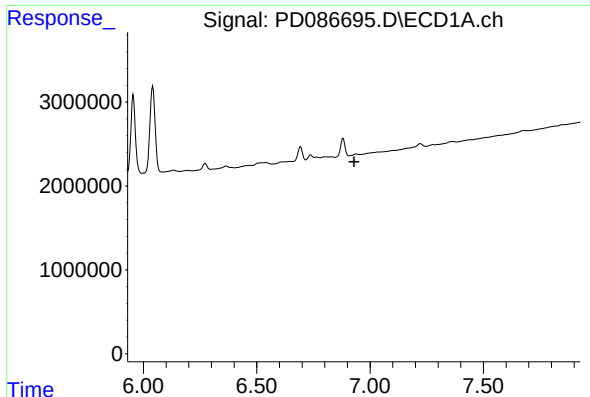
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.036 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

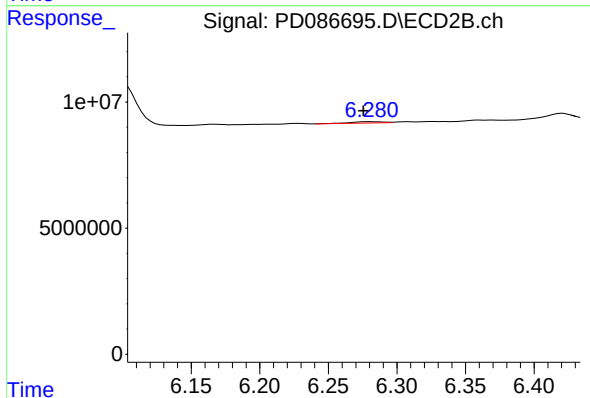
R.T.: 6.228 min
Delta R.T.: 0.026 min
Response: 437138
Conc: 0.04 ng/ml



#18 Endrin aldehyde

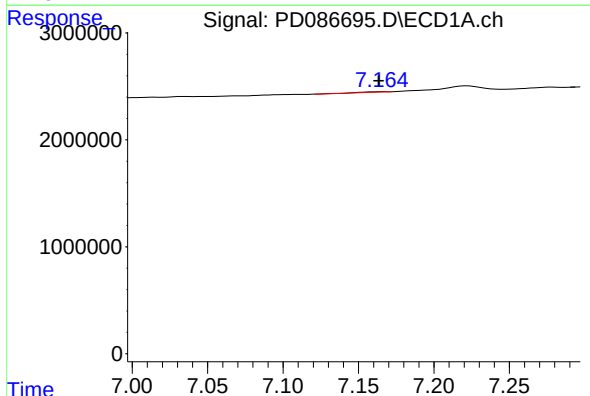
R.T.: 6.938 min
Delta R.T.: 0.008 min
Response: -1255387
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



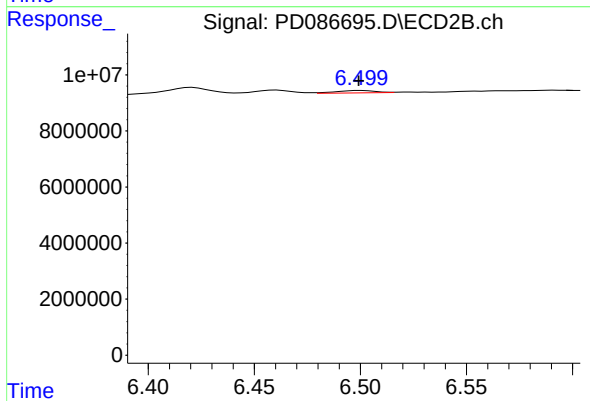
#18 Endrin aldehyde

R.T.: 6.280 min
Delta R.T.: 0.005 min
Response: 867054
Conc: 0.09 ng/ml



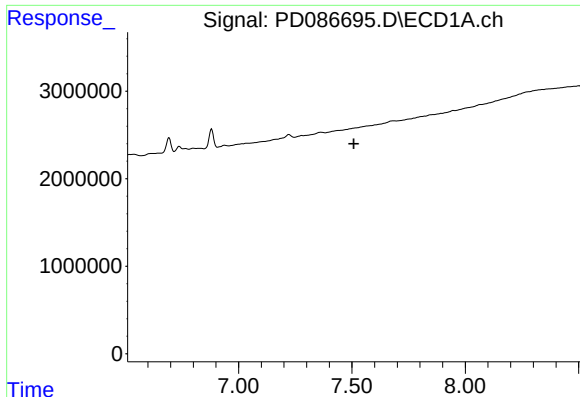
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.003 min
Response: 52933
Conc: 0.03 ng/ml



#19 Endosulfan Sulfate

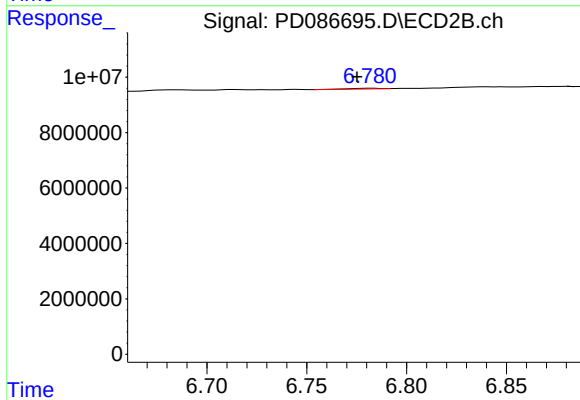
R.T.: 6.500 min
Delta R.T.: 0.001 min
Response: 1081333
Conc: 0.09 ng/ml



#20 Methoxychlor

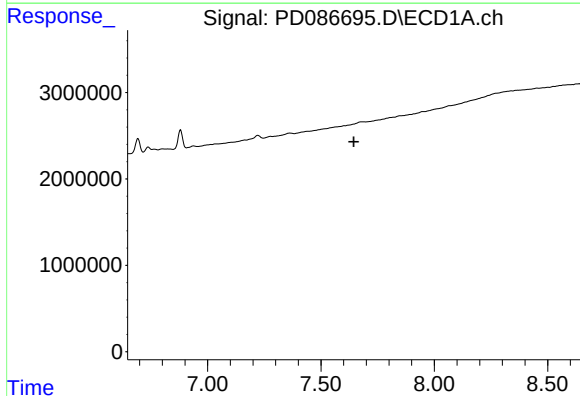
R.T.: 0.000 min
Exp R.T.: 7.508 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



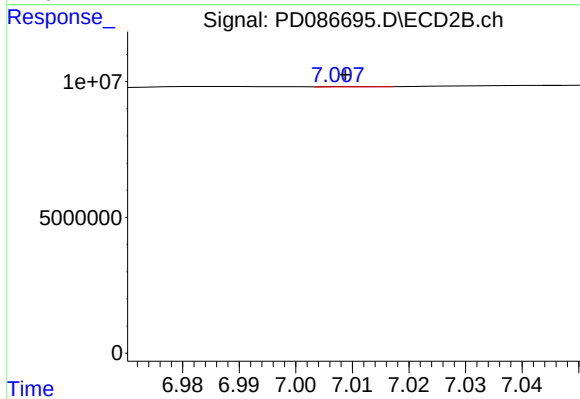
#20 Methoxychlor

R.T.: 6.783 min
Delta R.T.: 0.007 min
Response: 256335
Conc: 0.04 ng/ml



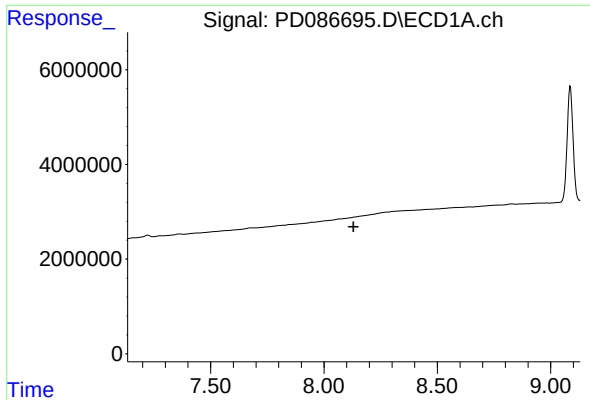
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 7.645 min
Response: 0
Conc: N.D.



#21 Endrin ketone

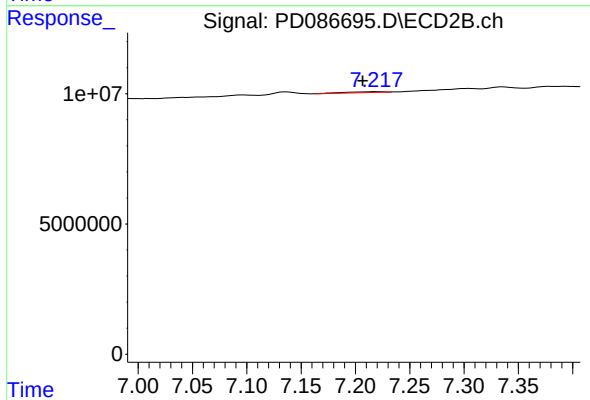
R.T.: 7.011 min
Delta R.T.: 0.002 min
Response: 60019
Conc: 0.00 ng/ml



#22 Mirex

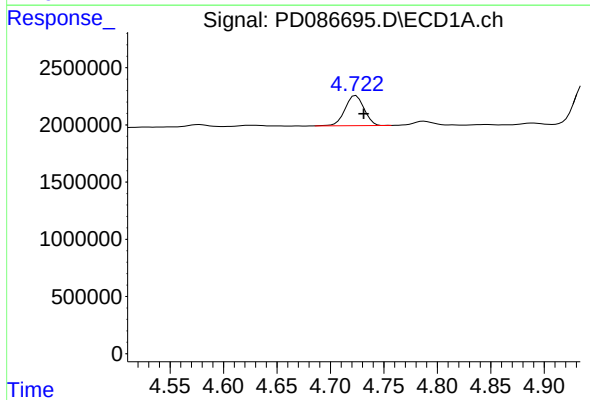
R.T.: 0.000 min
Exp R.T.: 8.130 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



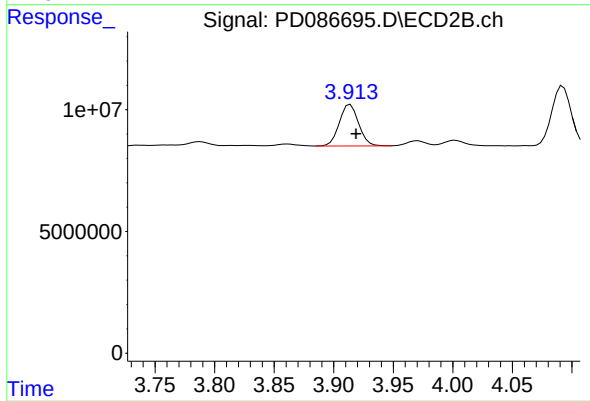
#22 Mirex

R.T.: 7.219 min
Delta R.T.: 0.012 min
Response: 752595
Conc: 0.07 ng/ml



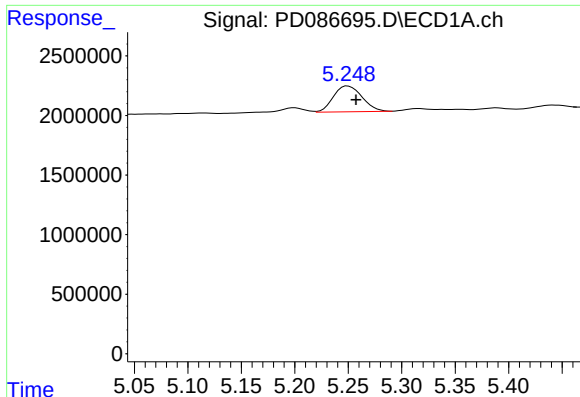
#23 Chlordane-1

R.T.: 4.724 min
Delta R.T.: -0.007 min
Response: 3284189
Conc: 36.50 ng/ml



#23 Chlordane-1

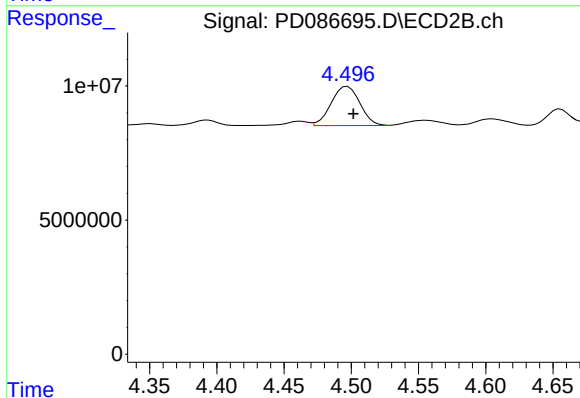
R.T.: 3.914 min
Delta R.T.: -0.005 min
Response: 19236462
Conc: 41.37 ng/ml



#24 Chlordane-2

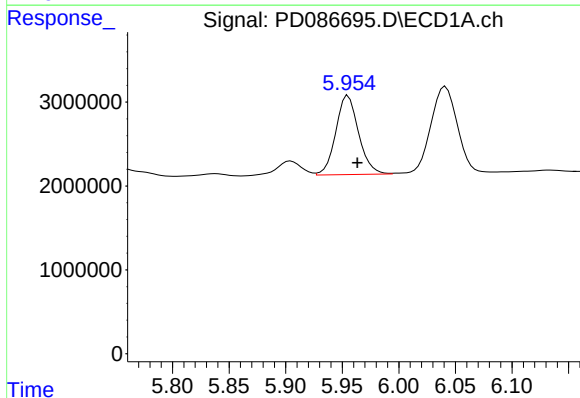
R.T.: 5.249 min
Delta R.T.: -0.008 min
Response: 4037116
Conc: 41.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



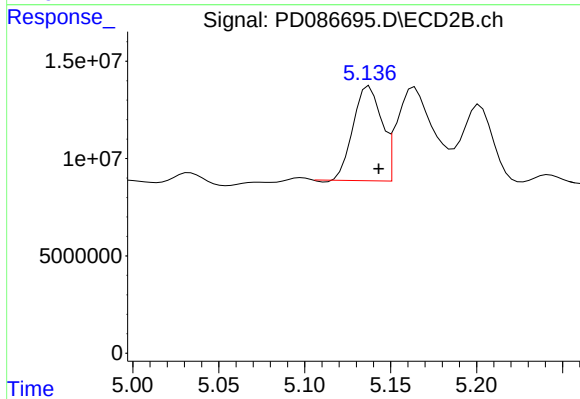
#24 Chlordane-2

R.T.: 4.497 min
Delta R.T.: -0.004 min
Response: 21617817
Conc: 43.64 ng/ml



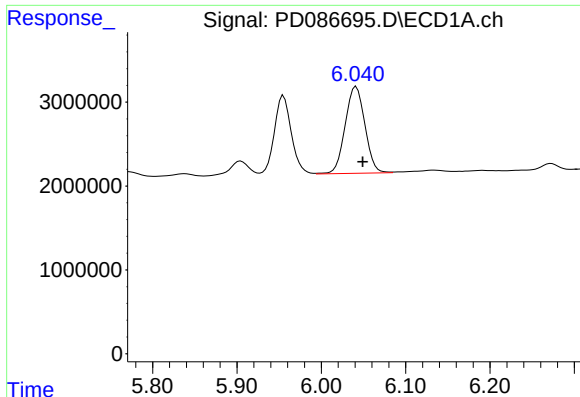
#25 Chlordane-3

R.T.: 5.955 min
Delta R.T.: -0.008 min
Response: 13219556
Conc: 34.94 ng/ml



#25 Chlordane-3

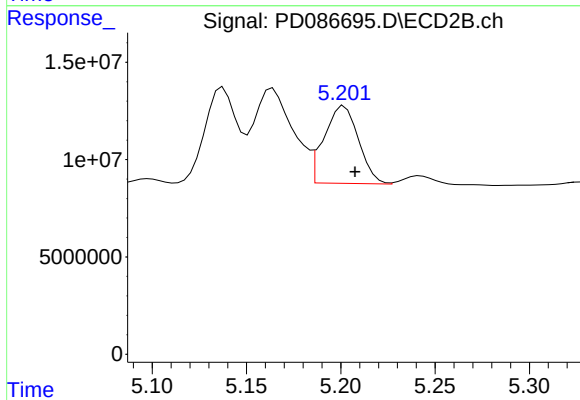
R.T.: 5.138 min
Delta R.T.: -0.005 min
Response: 55543879
Conc: 37.31 ng/ml



#26 Chlordane-4

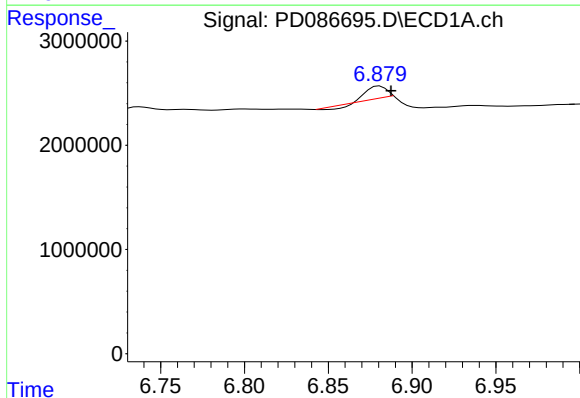
R.T.: 6.041 min
Delta R.T.: -0.008 min
Response: 16870713
Conc: 36.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



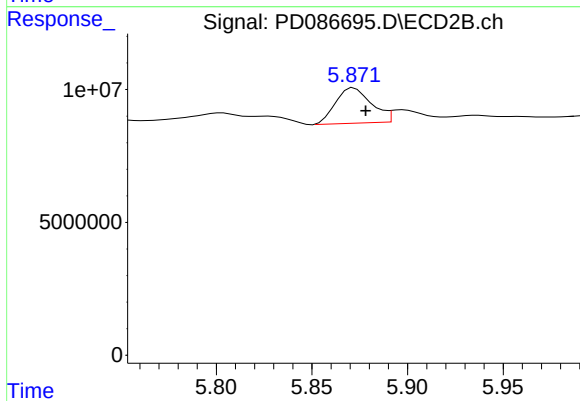
#26 Chlordane-4

R.T.: 5.202 min
Delta R.T.: -0.006 min
Response: 50572990
Conc: 40.26 ng/ml



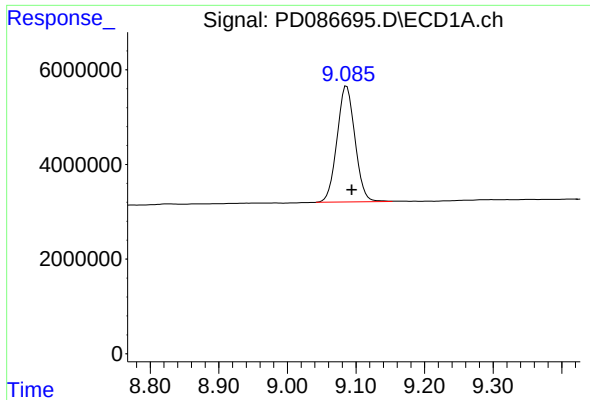
#27 Chlordane-5

R.T.: 6.881 min
Delta R.T.: -0.007 min
Response: 900654
Conc: 11.19 ng/ml



#27 Chlordane-5

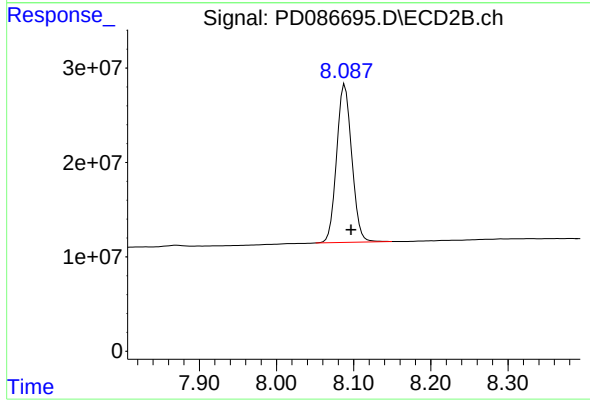
R.T.: 5.872 min
Delta R.T.: -0.006 min
Response: 17320209
Conc: 42.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: -0.008 min
Response: 44601232
Conc: 23.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: -0.008 min
Response: 228852917
Conc: 21.36 ng/ml