

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
 Data File : PD086521.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 14:55
 Operator : AR\AJ
 Sample : P4368-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 12 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 12 01:43:53 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...	3.561	2.887	26560082	202.4E6	18.183	20.465
28)	SA Decachlor...	9.100	8.096	39221186	241.3E6	20.458	22.527
Target Compounds							
2)	A alpha-BHC	4.011	3.402	11546927	83334203	4.030	5.491 #
3)	MA gamma-BHC...	4.343	3.738	11747548	80021395	4.100	5.473 #
4)	MA Heptachlor	4.944	4.095	12850398	81983725	4.698	5.820
5)	MB Aldrin	5.287	4.382	14986112	114.4E6	5.454	7.849 #
6)	B beta-BHC	4.527	4.034	5884898	38966458	5.148	6.111
7)	B delta-BHC	4.776	4.272	13879127	91123872	4.696	6.129 #
8)	B Heptachlo...	5.706	4.887	12721982	77673689	5.165	5.892
9)	A Endosulfan I	6.091	5.262	13149233	69528129	5.728	5.596
10)	B gamma-Chl...	5.962	5.141	17677358	80036515	7.343	5.880
11)	B alpha-Chl...	6.043	5.206	14031035	81710904	5.797	6.107
12)	B 4,4'-DDE	6.212	5.392	10639503	101.2E6	4.759	7.735 #
13)	MA Dieldrin	6.364	5.529	11211151	80538343	4.504	5.908 #
14)	MA Endrin	6.591	5.806	13285629	76057290	6.164	6.199
15)	B Endosulfa...	6.802	6.097	11624302	73713769	5.378	6.140
16)	A 4,4'-DDD	6.722	5.947	12432806	61998158	6.880	5.630
17)	MA 4,4'-DDT	7.039	6.201	7747928	65960258	4.232	5.687 #
18)	B Endrin al...	6.931	6.275	8278726	57868399	5.007	6.172
19)	B Endosulfa...	7.166	6.499	9539051	70559042	4.747	6.096 #
20)	A Methoxychlor	7.511	6.774	5325759	38033809	4.925	6.019
21)	B Endrin ke...	7.648	7.008	10827658	91004076	4.772	7.156 #
22)	Mirex	8.133	7.206	8390097	61882304	5.068	5.956
23)	Chlordane-1	0.000	3.910	0	880831	N.D.	1.894 #
24)	Chlordane-2	5.287f	4.483	14986112	15578652	153.412	31.448 #
25)	Chlordane-3	5.962	5.141	17677358	80036515	46.727	53.756
26)	Chlordane-4	6.043	5.206	14031035	81710904	30.541	65.048 #
27)	Chlordane-5	0.000	5.872	0	458075	N.D.	1.122 #

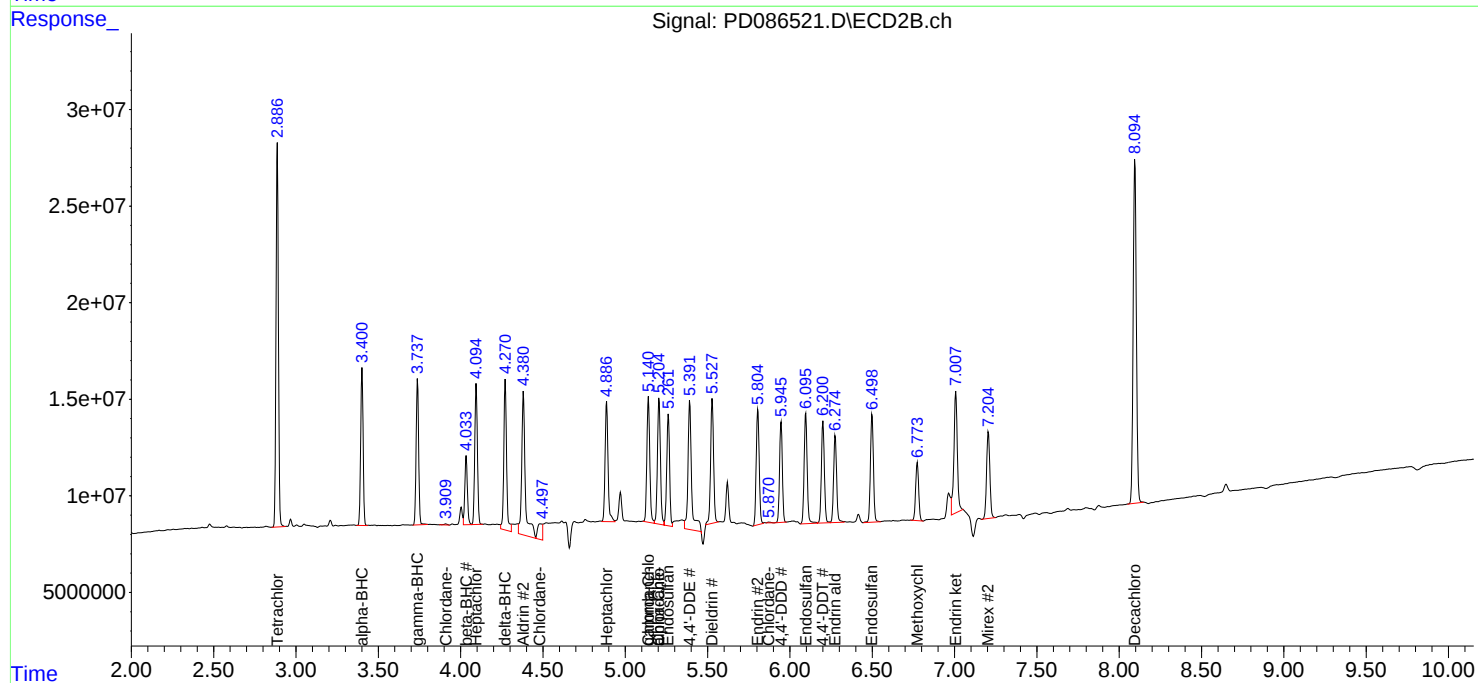
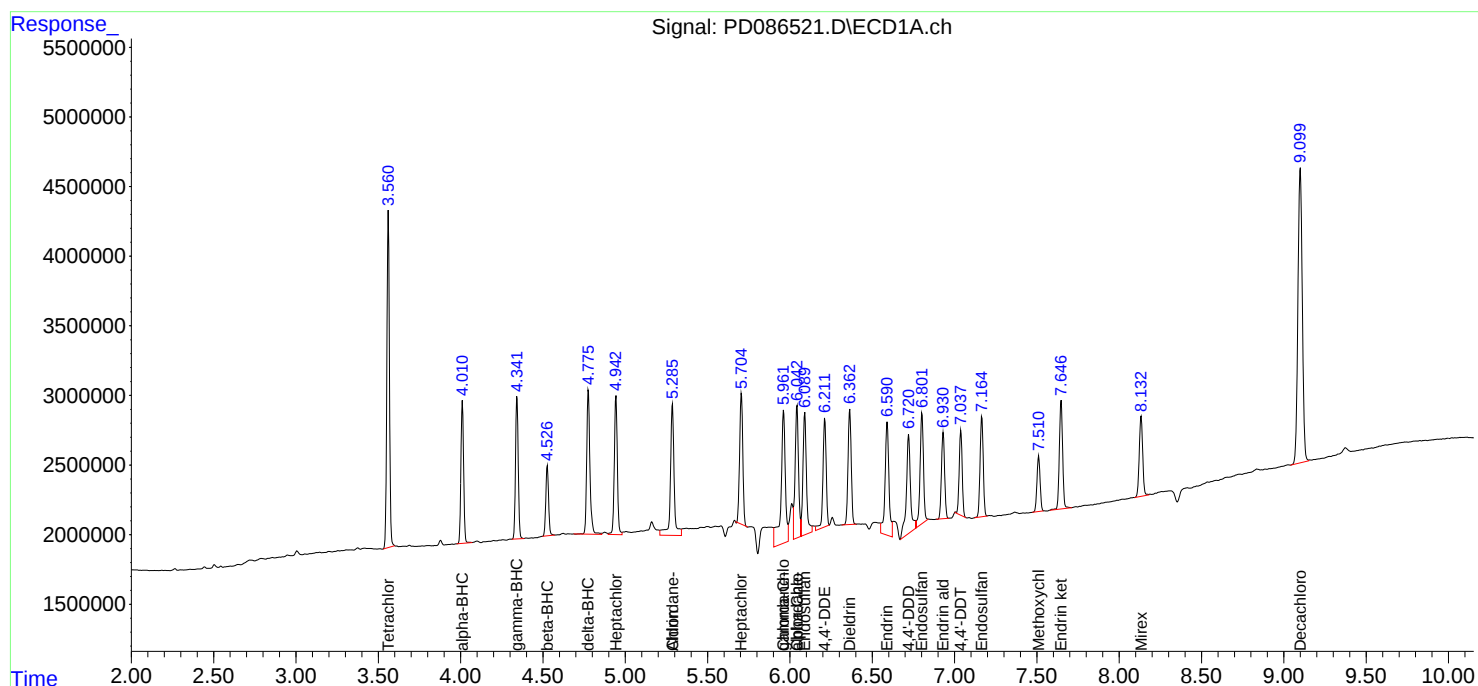
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

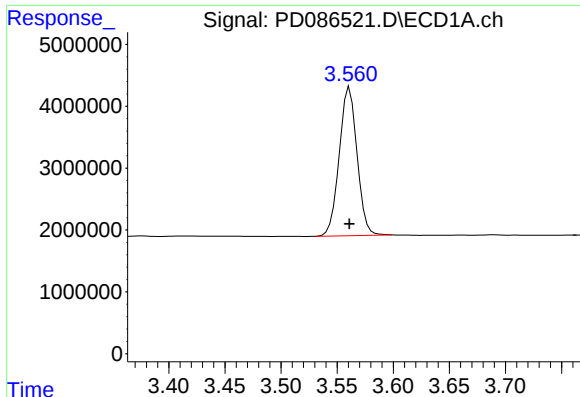
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
Data File : PD086521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 14:55
Operator : AR\AJ
Sample : P4368-08
Misc : PEST LOQ 5PPB
ALS Vial : 12 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:43:53 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

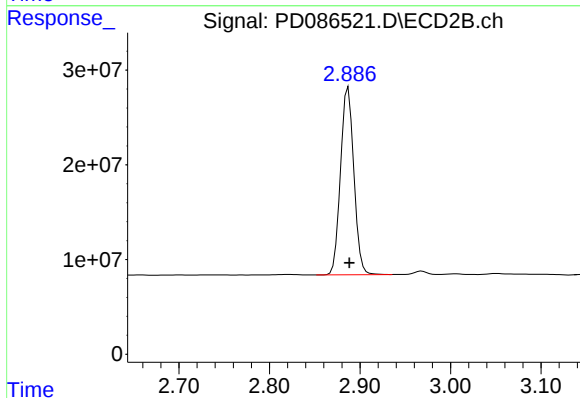




#1 Tetrachloro-m-xylene

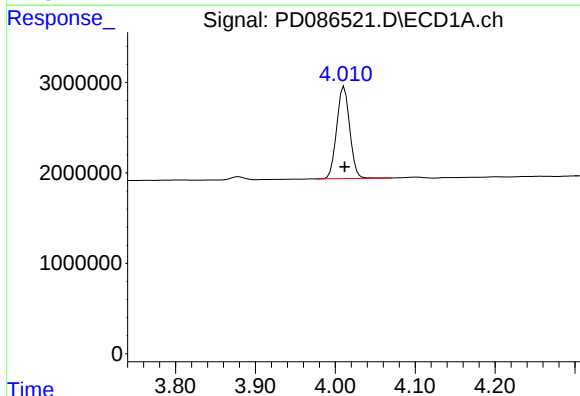
R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 26560082
Conc: 18.18 ng/ml

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



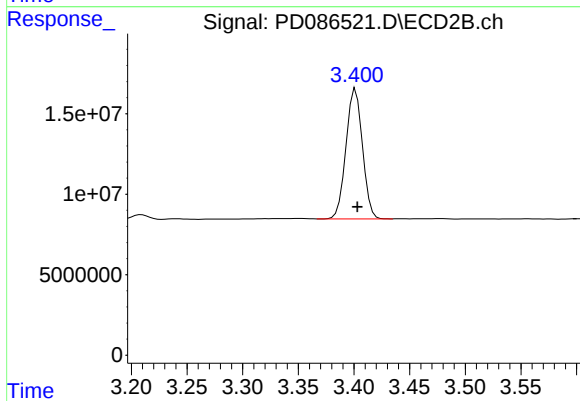
#1 Tetrachloro-m-xylene

R.T.: 2.887 min
Delta R.T.: -0.001 min
Response: 202387126
Conc: 20.47 ng/ml



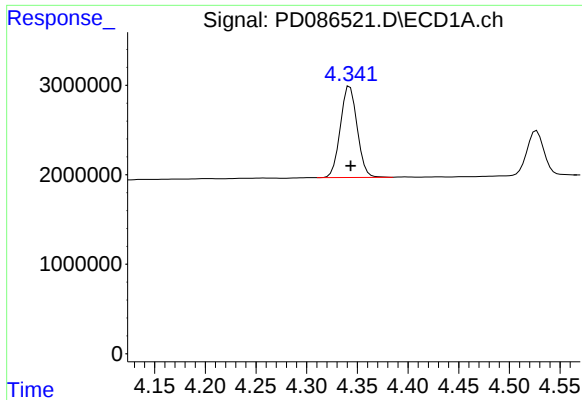
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 11546927
Conc: 4.03 ng/ml



#2 alpha-BHC

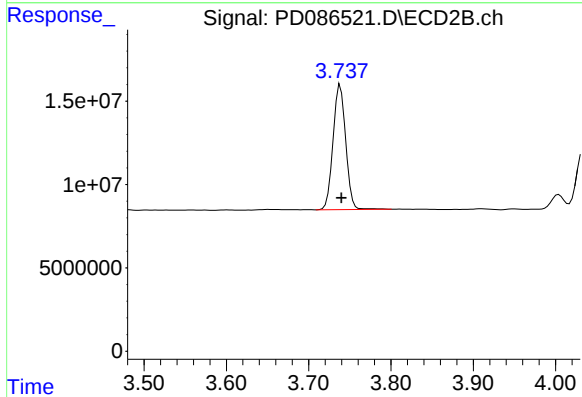
R.T.: 3.402 min
Delta R.T.: -0.001 min
Response: 83334203
Conc: 5.49 ng/ml



#3 gamma-BHC (Lindane)

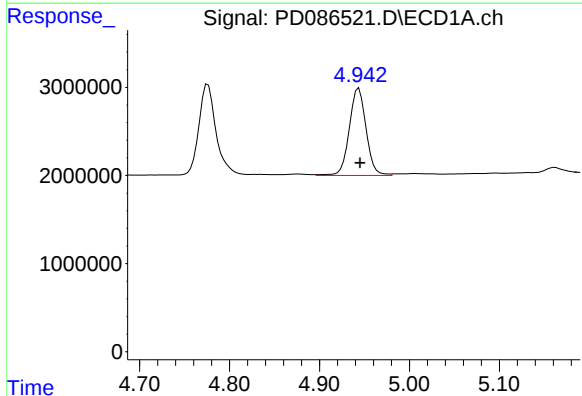
R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 11747548
Conc: 4.10 ng/ml

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



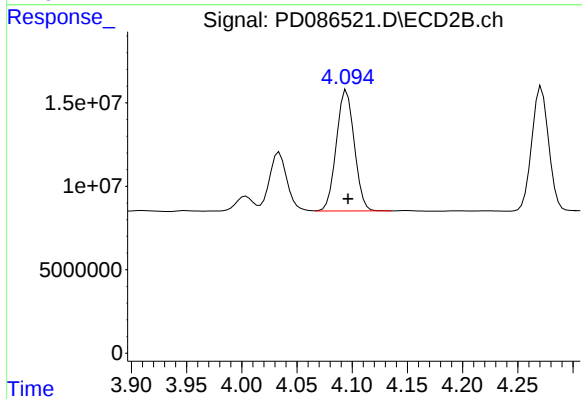
#3 gamma-BHC (Lindane)

R.T.: 3.738 min
Delta R.T.: -0.001 min
Response: 80021395
Conc: 5.47 ng/ml



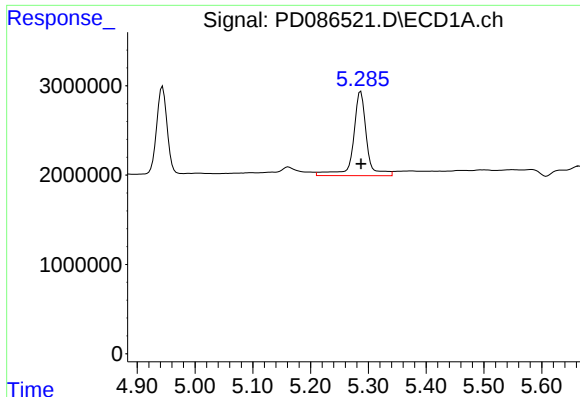
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 12850398
Conc: 4.70 ng/ml



#4 Heptachlor

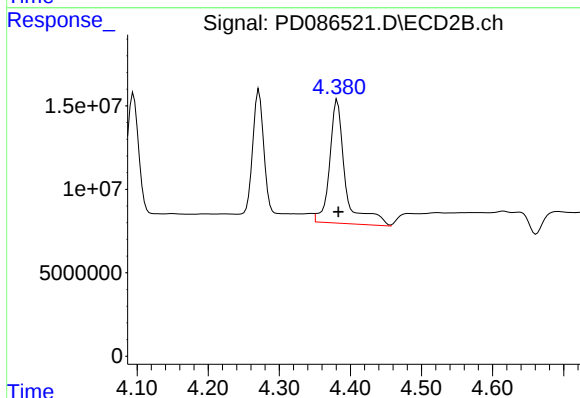
R.T.: 4.095 min
Delta R.T.: -0.001 min
Response: 81983725
Conc: 5.82 ng/ml



#5 Aldrin

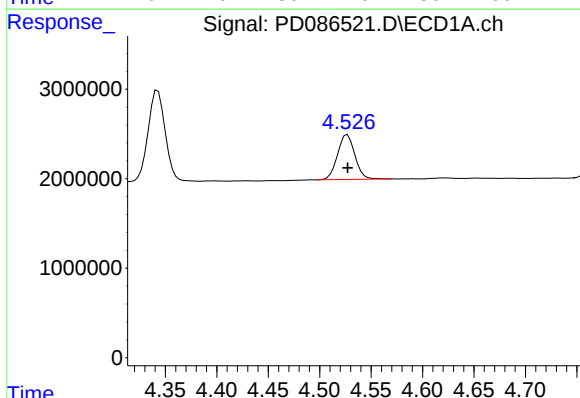
R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 14986112
Conc: 5.45 ng/ml

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



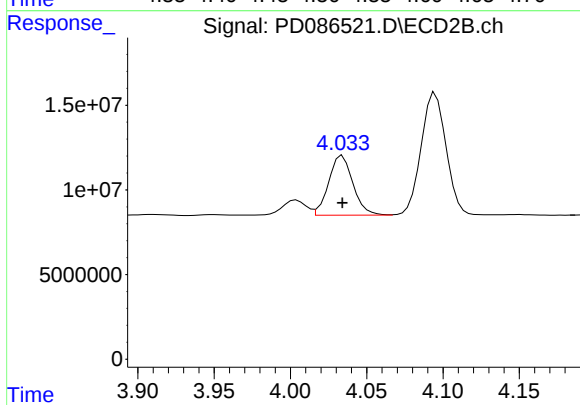
#5 Aldrin

R.T.: 4.382 min
Delta R.T.: -0.001 min
Response: 114407728
Conc: 7.85 ng/ml



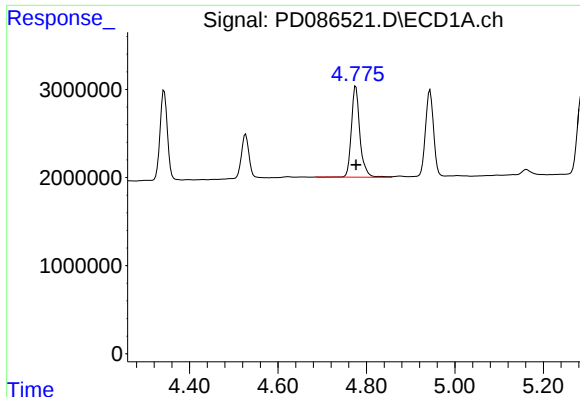
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 5884898
Conc: 5.15 ng/ml



#6 beta-BHC

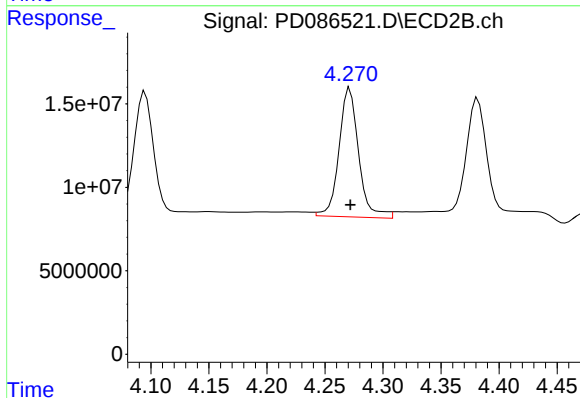
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 38966458
Conc: 6.11 ng/ml



#7 delta-BHC

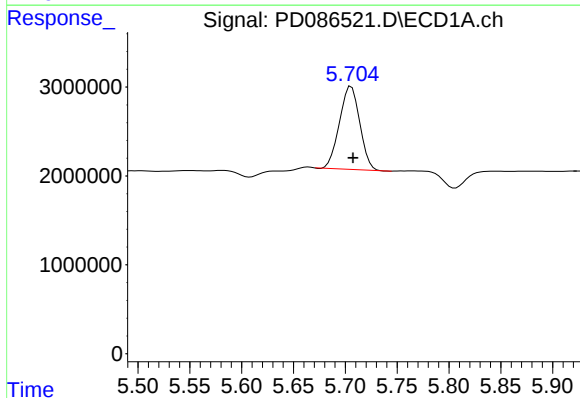
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 13879127
Conc: 4.70 ng/ml

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



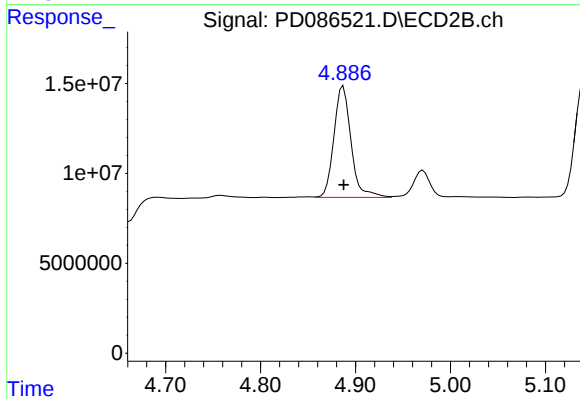
#7 delta-BHC

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 91123872
Conc: 6.13 ng/ml



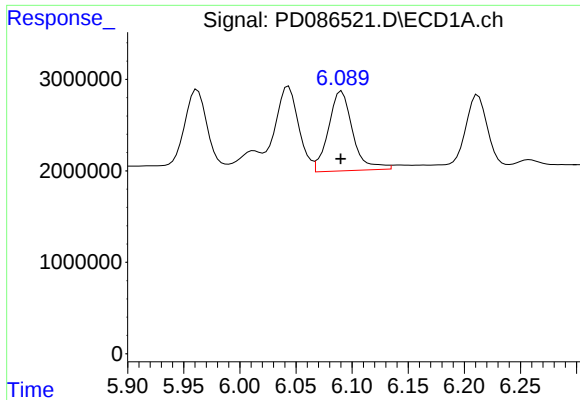
#8 Heptachlor epoxide

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 12721982
Conc: 5.17 ng/ml



#8 Heptachlor epoxide

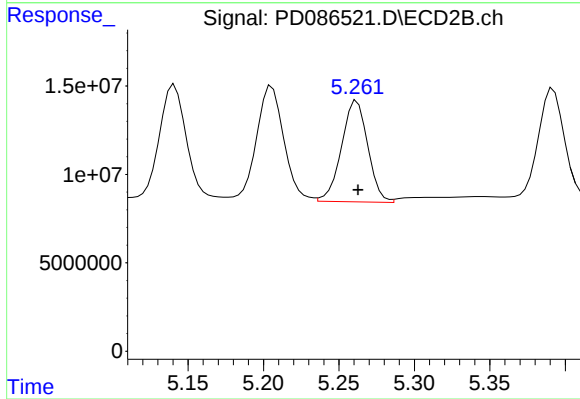
R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 77673689
Conc: 5.89 ng/ml



#9 Endosulfan I

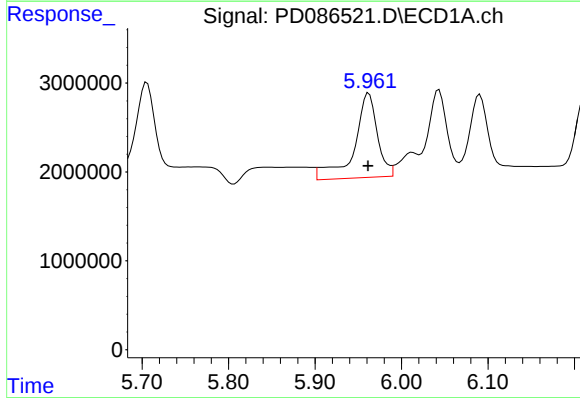
R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 13149233
Conc: 5.73 ng/ml

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



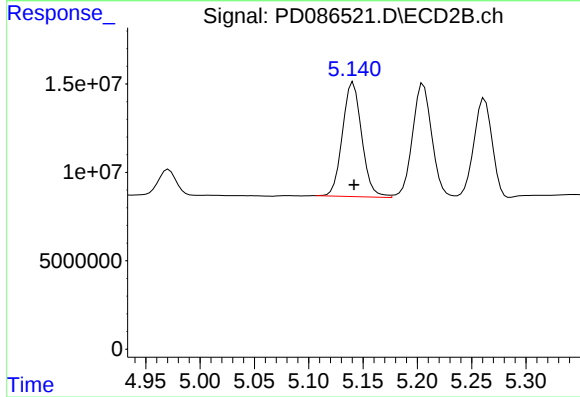
#9 Endosulfan I

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 69528129
Conc: 5.60 ng/ml



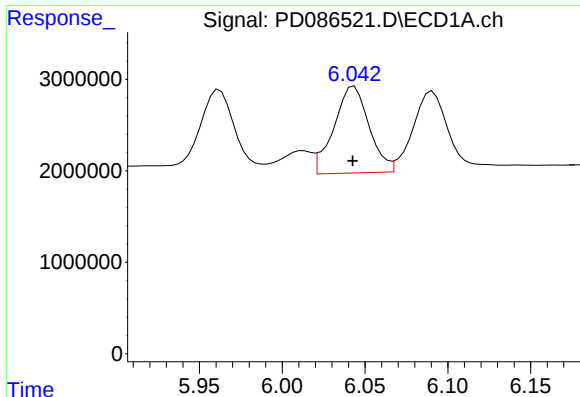
#10 gamma-Chlordane

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 17677358
Conc: 7.34 ng/ml



#10 gamma-Chlordane

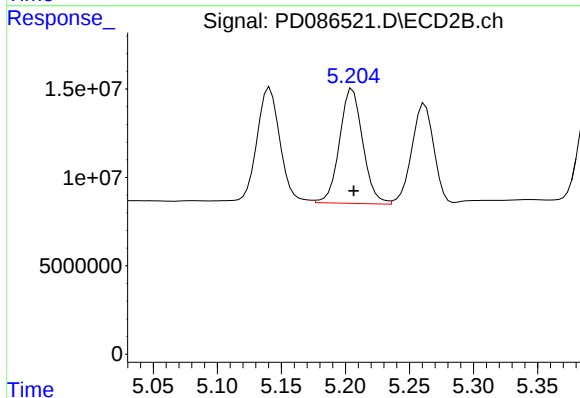
R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 80036515
Conc: 5.88 ng/ml



#11 alpha-Chlordane

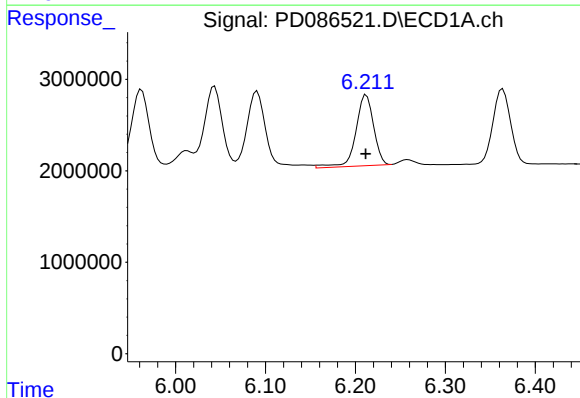
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 14031035
Conc: 5.80 ng/ml

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



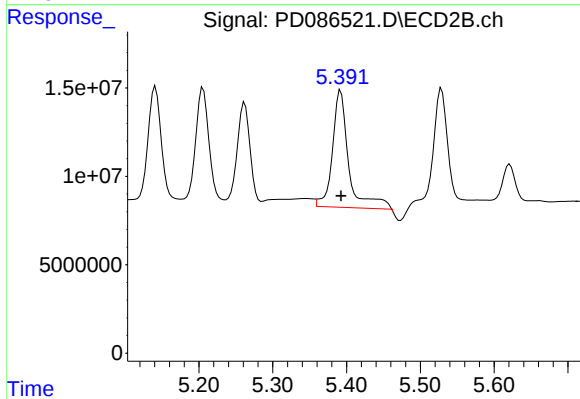
#11 alpha-Chlordane

R.T.: 5.206 min
Delta R.T.: -0.001 min
Response: 81710904
Conc: 6.11 ng/ml



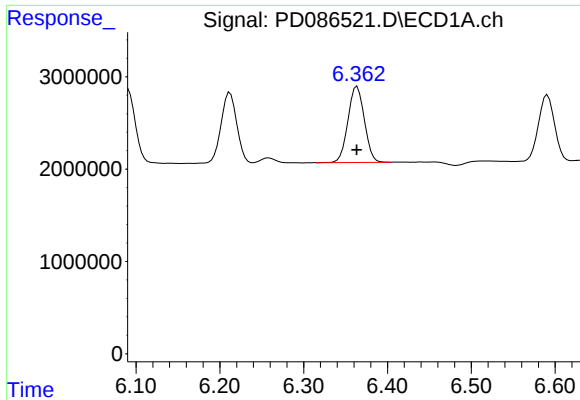
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 10639503
Conc: 4.76 ng/ml



#12 4,4'-DDE

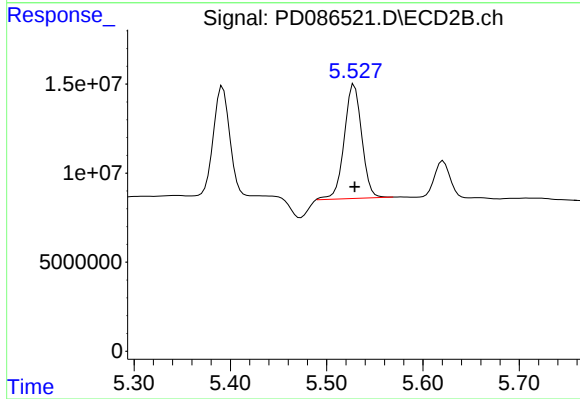
R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 101215472
Conc: 7.73 ng/ml



#13 Dieldrin

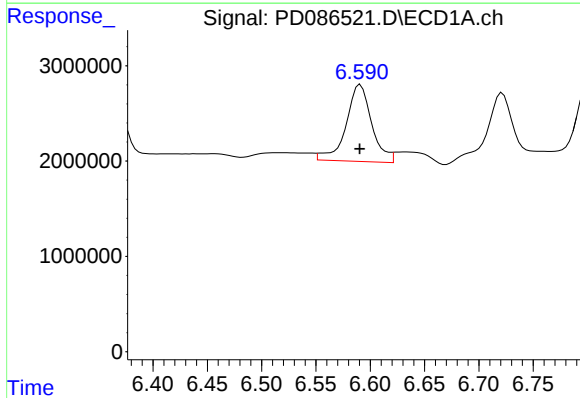
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 11211151
Conc: 4.50 ng/ml

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



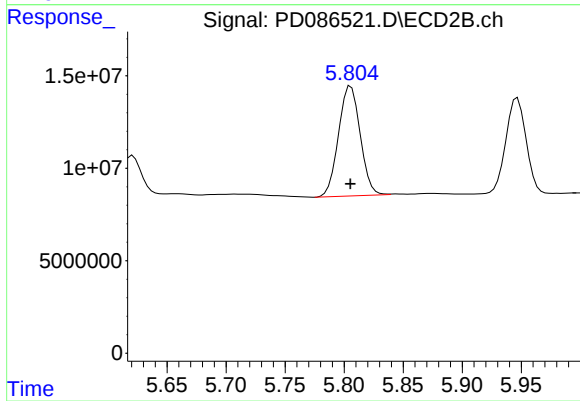
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 80538343
Conc: 5.91 ng/ml



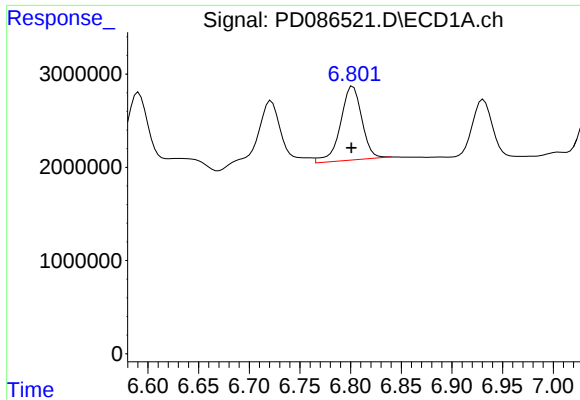
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 13285629
Conc: 6.16 ng/ml



#14 Endrin

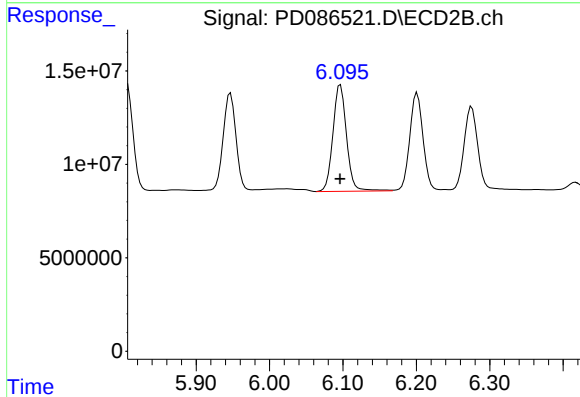
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 76057290
Conc: 6.20 ng/ml



#15 Endosulfan II

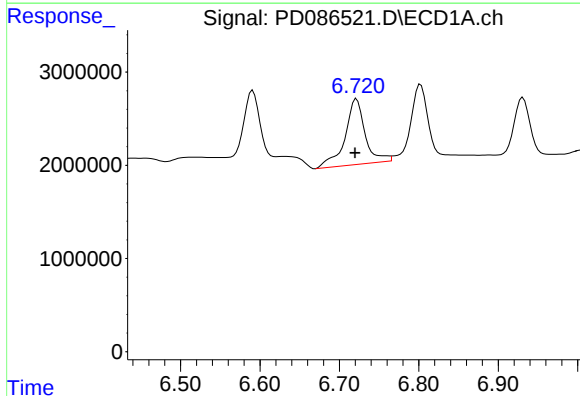
R.T.: 6.802 min
Delta R.T.: 0.001 min
Response: 11624302
Conc: 5.38 ng/ml

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



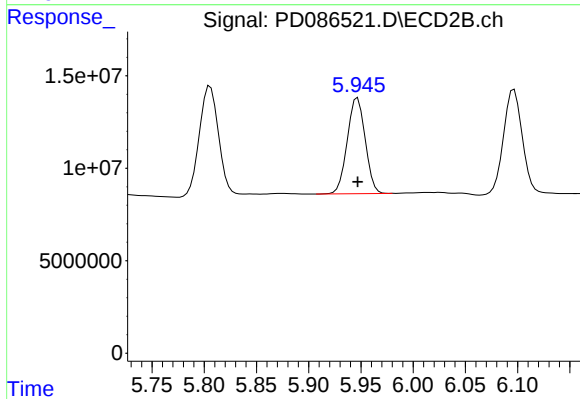
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 73713769
Conc: 6.14 ng/ml



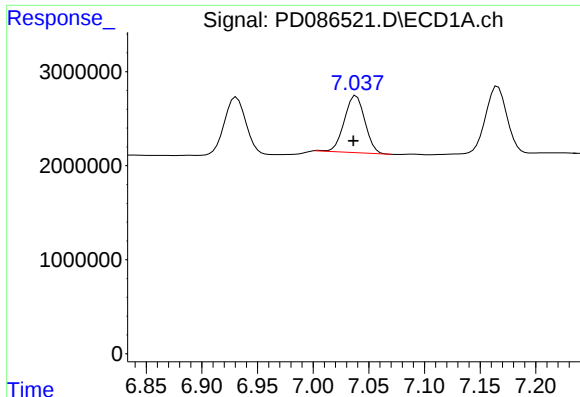
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.002 min
Response: 12432806
Conc: 6.88 ng/ml



#16 4,4'-DDD

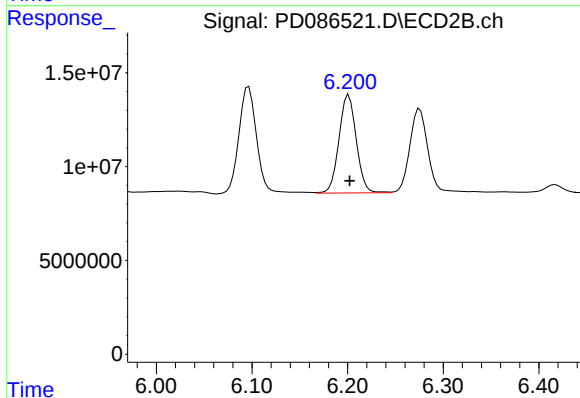
R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 61998158
Conc: 5.63 ng/ml



#17 4,4'-DDT

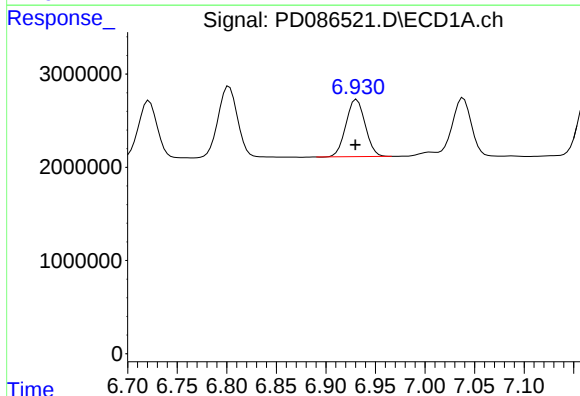
R.T.: 7.039 min
Delta R.T.: 0.003 min
Response: 7747928
Conc: 4.23 ng/ml

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



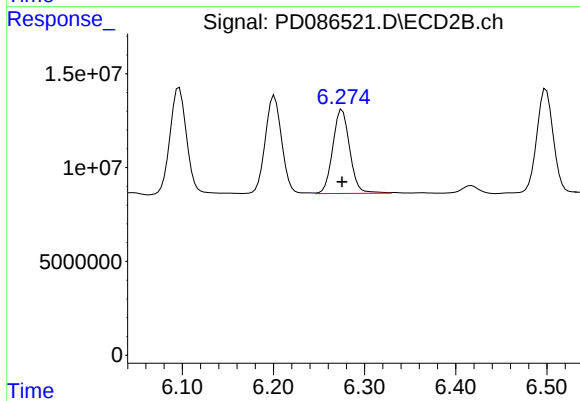
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 65960258
Conc: 5.69 ng/ml



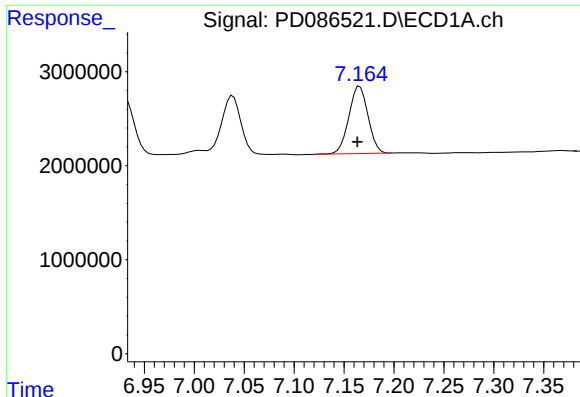
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.001 min
Response: 8278726
Conc: 5.01 ng/ml



#18 Endrin aldehyde

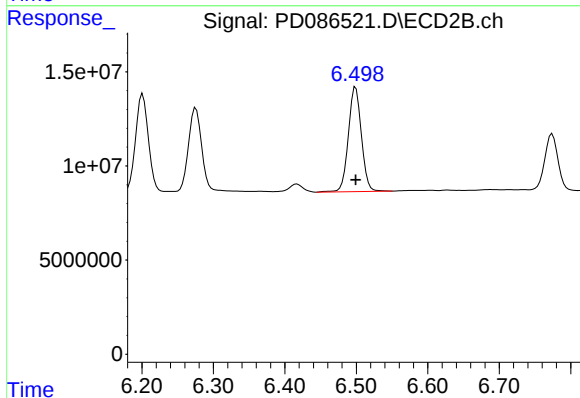
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 57868399
Conc: 6.17 ng/ml



#19 Endosulfan Sulfate

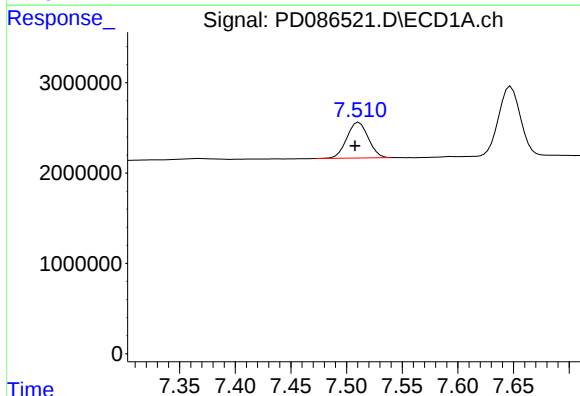
R.T.: 7.166 min
Delta R.T.: 0.003 min
Response: 9539051
Conc: 4.75 ng/ml

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



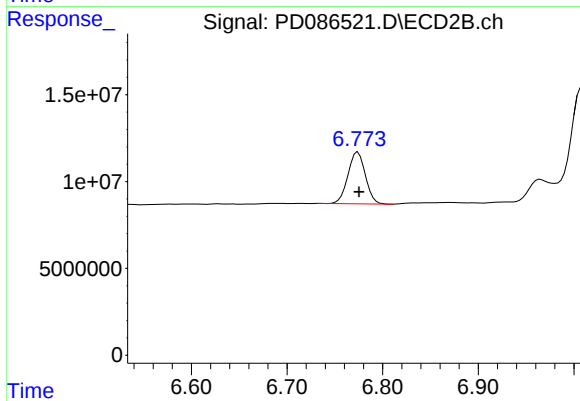
#19 Endosulfan Sulfate

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 70559042
Conc: 6.10 ng/ml



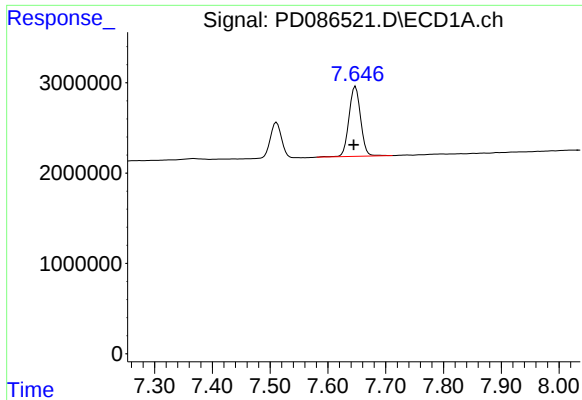
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.003 min
Response: 5325759
Conc: 4.92 ng/ml



#20 Methoxychlor

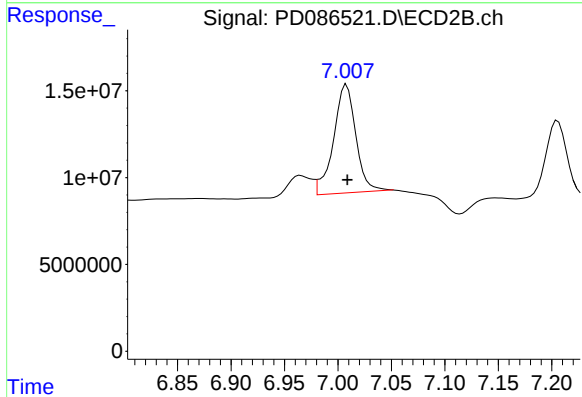
R.T.: 6.774 min
Delta R.T.: -0.001 min
Response: 38033809
Conc: 6.02 ng/ml



#21 Endrin ketone

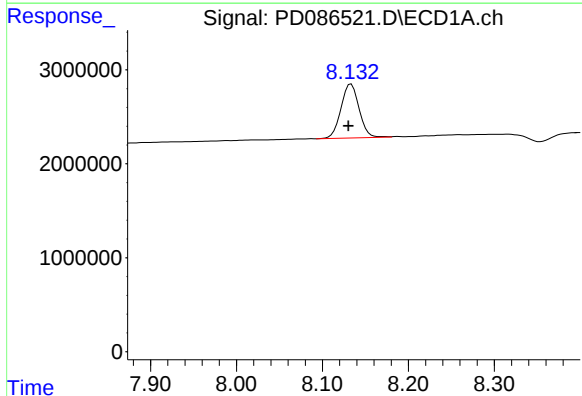
R.T.: 7.648 min
Delta R.T.: 0.003 min
Response: 10827658
Conc: 4.77 ng/ml

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



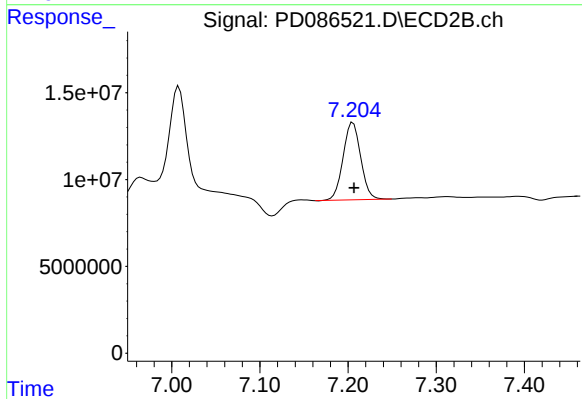
#21 Endrin ketone

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 91004076
Conc: 7.16 ng/ml



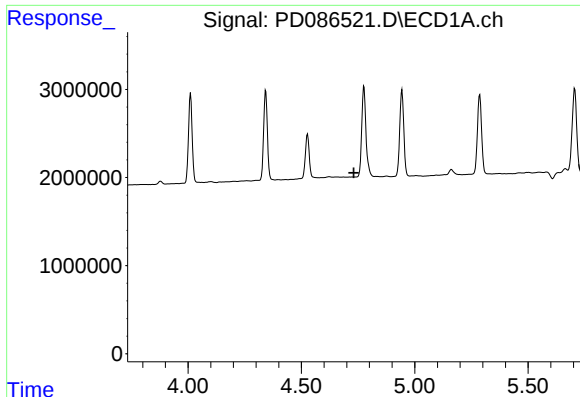
#22 Mirex

R.T.: 8.133 min
Delta R.T.: 0.003 min
Response: 8390097
Conc: 5.07 ng/ml



#22 Mirex

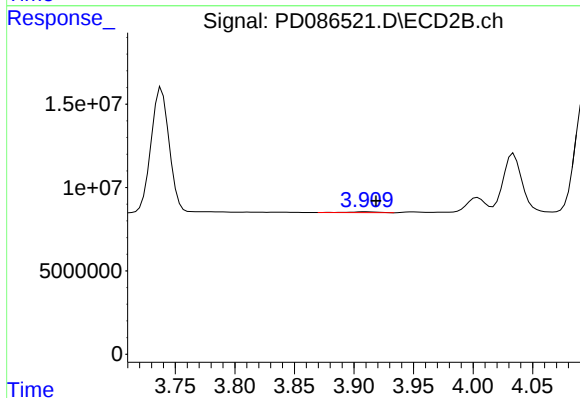
R.T.: 7.206 min
Delta R.T.: -0.001 min
Response: 61882304
Conc: 5.96 ng/ml



#23 Chlordane-1

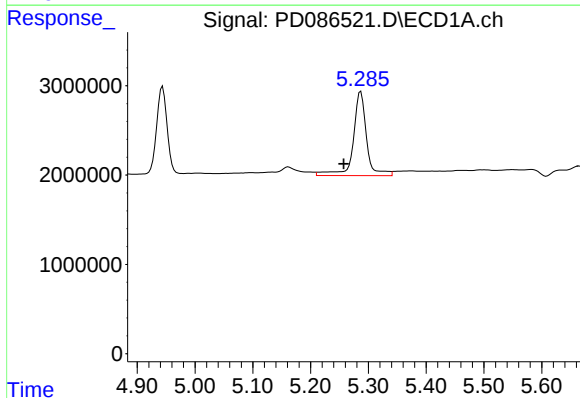
R.T.: 0.000 min
Exp R.T.: 4.731 min
Response: 0
Conc: N.D.

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



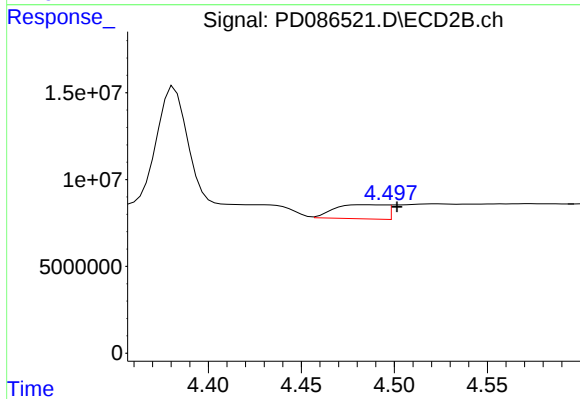
#23 Chlordane-1

R.T.: 3.910 min
Delta R.T.: -0.009 min
Response: 880831
Conc: 1.89 ng/ml



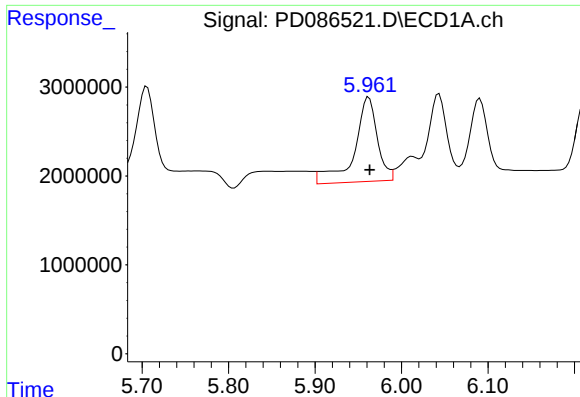
#24 Chlordane-2

R.T.: 5.287 min
Delta R.T.: 0.029 min
Response: 14986112
Conc: 153.41 ng/ml



#24 Chlordane-2

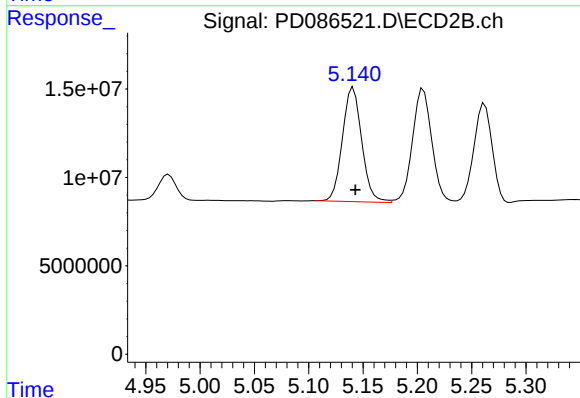
R.T.: 4.483 min
Delta R.T.: -0.018 min
Response: 15578652
Conc: 31.45 ng/ml



#25 Chlordane-3

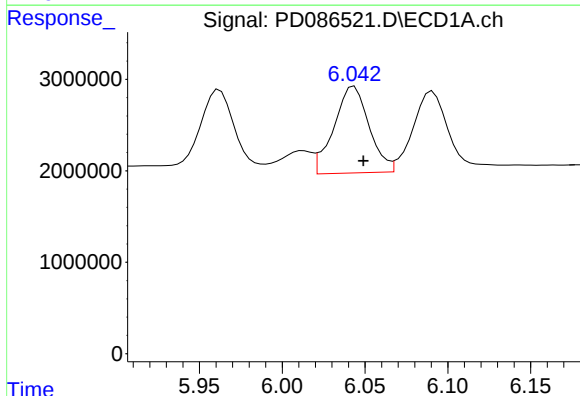
R.T.: 5.962 min
Delta R.T.: -0.001 min
Response: 17677358
Conc: 46.73 ng/ml

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



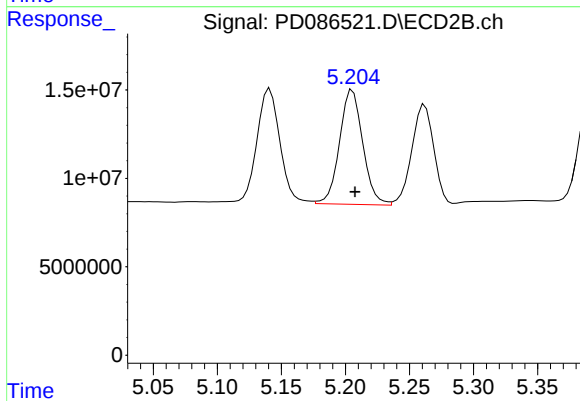
#25 Chlordane-3

R.T.: 5.141 min
Delta R.T.: -0.002 min
Response: 80036515
Conc: 53.76 ng/ml



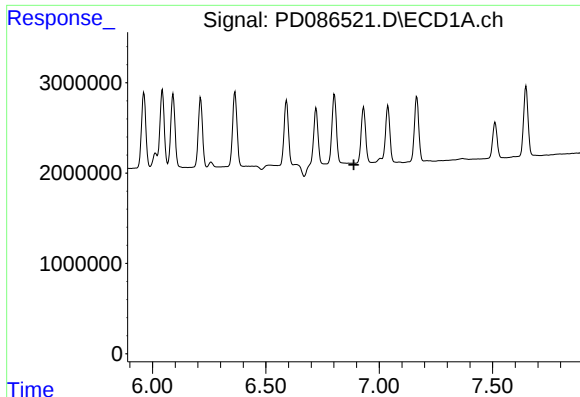
#26 Chlordane-4

R.T.: 6.043 min
Delta R.T.: -0.006 min
Response: 14031035
Conc: 30.54 ng/ml



#26 Chlordane-4

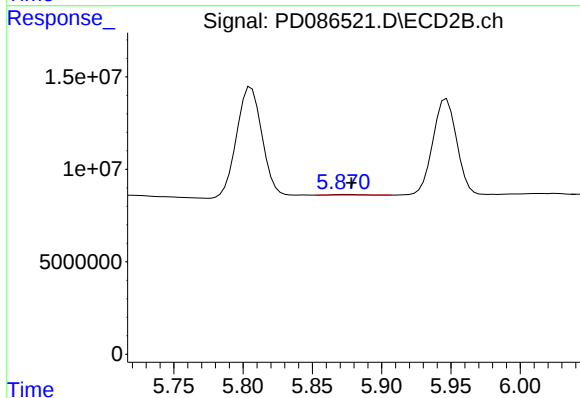
R.T.: 5.206 min
Delta R.T.: -0.002 min
Response: 81710904
Conc: 65.05 ng/ml



#27 Chlordane-5

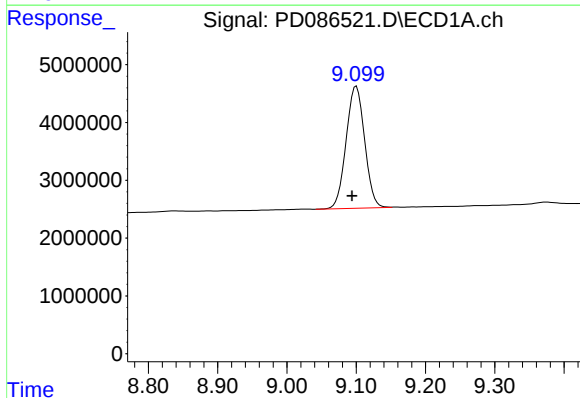
R.T.: 0.000 min
Exp R.T.: 6.888 min
Response: 0
Conc: N.D.

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



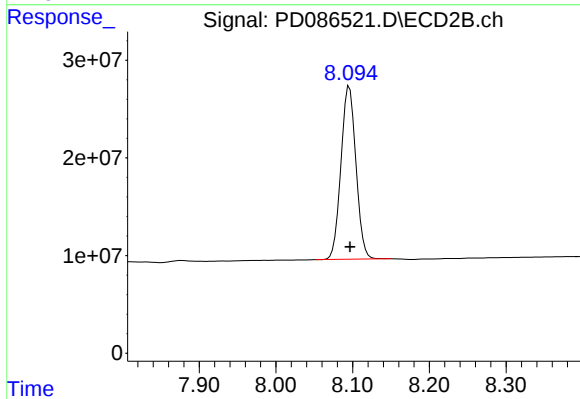
#27 Chlordane-5

R.T.: 5.872 min
Delta R.T.: -0.006 min
Response: 458075
Conc: 1.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: 0.006 min
Response: 39221186
Conc: 20.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 241304398
Conc: 22.53 ng/ml