

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 17:24
 Operator : AR\AJ
 Sample : Q1168-08
 Misc : CHLOR LOQ 50PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 04:29:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 2025
 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...	3.555	2.881	40100780	282.5E6	20.127	23.493
28)	SA Decachlor...	9.085	8.082	64603511	317.9E6	21.181	22.493
Target Compounds							
2)	A alpha-BHC	4.028f	3.386	499911	1191317	0.124	0.064 #
3)	MA gamma-BHC...	0.000	3.736	0	557159	N.D.	0.031 #
4)	MA Heptachlor	4.936	4.087	14514679	59673899	3.894	3.445
5)	MB Aldrin	5.248f	4.387	8931872	5894009	2.333	0.337 #
6)	B beta-BHC	0.000	4.044f	0	414550	N.D.	0.054 #
7)	B delta-BHC	4.785f	4.266	3464393	6508138	0.859	0.360 #
8)	B Heptachlo...	5.678f	0.000	5515543	0	1.614	N.D. #
9)	A Endosulfan I	0.000	5.236f	0	12608806	N.D.	0.846 #
10)	B gamma-Chl...	5.953	5.131	29715414	130.1E6	8.991	7.998
11)	B alpha-Chl...	6.040	5.195	37306293	111.4E6	11.200	6.980 #
12)	B 4,4'-DDE	6.190	5.381	-122611	2105882	N.D.	0.134
13)	MA Dieldrin	6.362	5.542f	1027702	-138339	0.304	N.D. #
14)	MA Endrin	0.000	5.798	0	20724940	N.D.	1.392 #
15)	B Endosulfa...	6.800	6.096	405822	44085704	0.141	3.088 #
16)	A 4,4'-DDD	6.691f	5.929	4433627	-3956795	1.842	N.D. #
17)	MA 4,4'-DDT	0.000	6.191	0	988607	N.D.	0.073 #
18)	B Endrin al...	6.935f	6.273	419112	1143367	0.181	0.098 #
19)	B Endosulfa...	7.158	6.492	42480	1632327	0.015	0.115 #
20)	A Methoxychlor	7.499	6.768	89881	586487	0.061	0.077 #
21)	B Endrin ke...	0.000	7.004	0	301325	N.D.	0.019 #
22)	Mirex	8.131	7.211f	43640	13251	0.019	0.001 #
23)	Chlordane-1	4.721	3.909	8510753	40461028	66.561	72.745
24)	Chlordane-2	5.248	4.492	8931872	44337392	65.835	75.025
25)	Chlordane-3	5.953	5.131	29715414	130.1E6	59.109	74.526 #
26)	Chlordane-4	6.040	5.195	37306293	111.4E6	61.379	75.472
27)	Chlordane-5	6.879	6.096	6106432	44085704	57.198	67.335

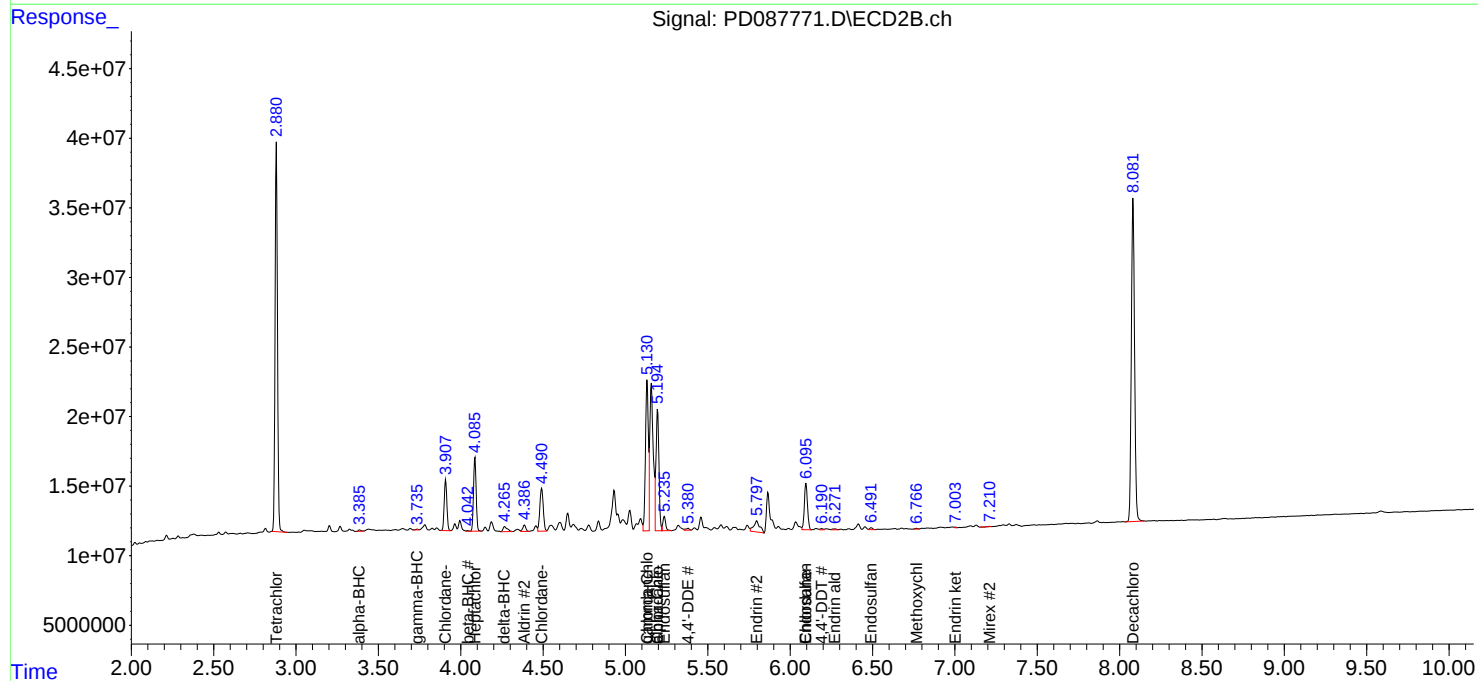
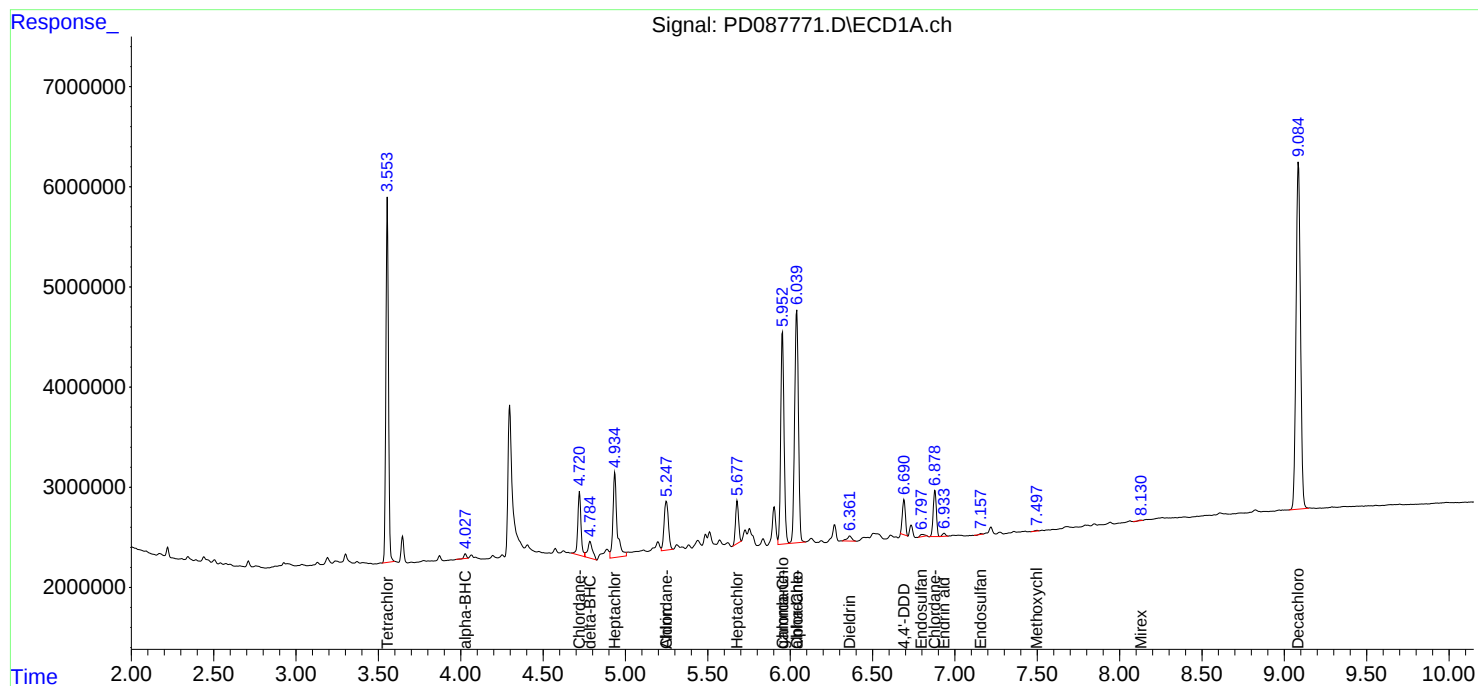
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

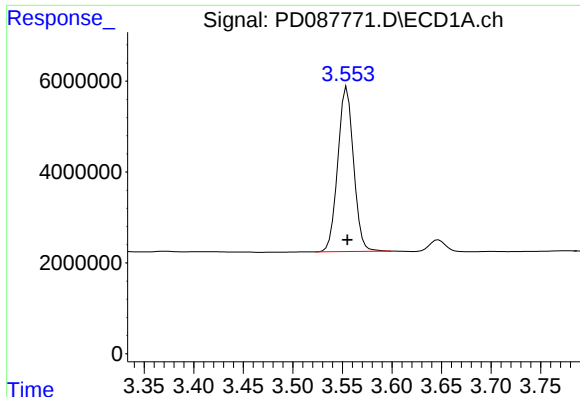
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 17:24
Operator : AR\AJ
Sample : Q1168-08
Misc : CHLOR LOQ 50PPB
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:29:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 2025
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

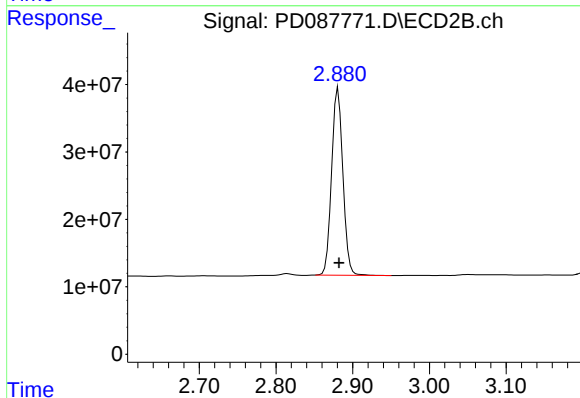




#1 Tetrachloro-m-xylene

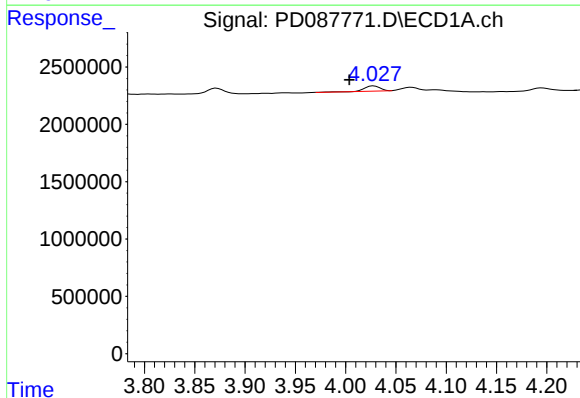
R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 40100780
Conc: 20.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



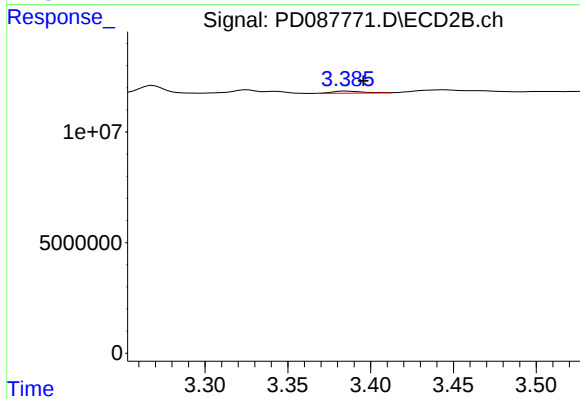
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.001 min
Response: 282548378
Conc: 23.49 ng/ml



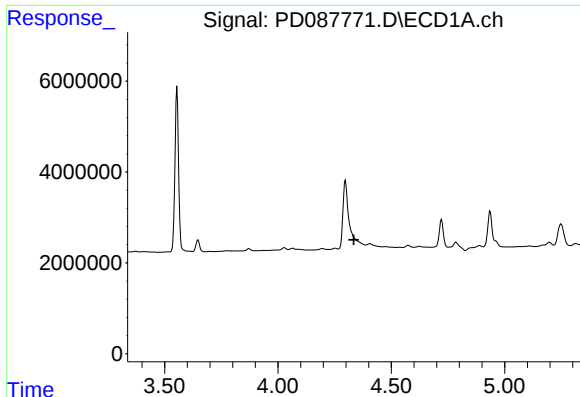
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.024 min
Response: 499911
Conc: 0.12 ng/ml



#2 alpha-BHC

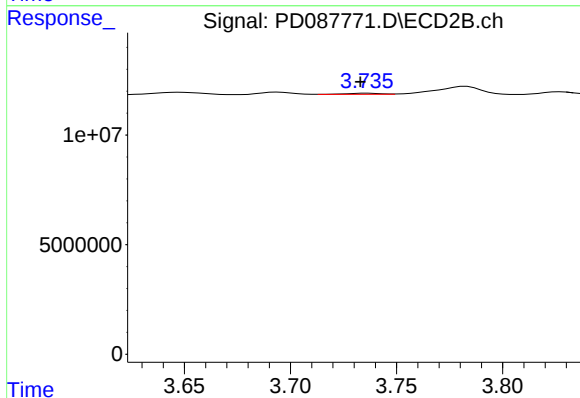
R.T.: 3.386 min
Delta R.T.: -0.010 min
Response: 1191317
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

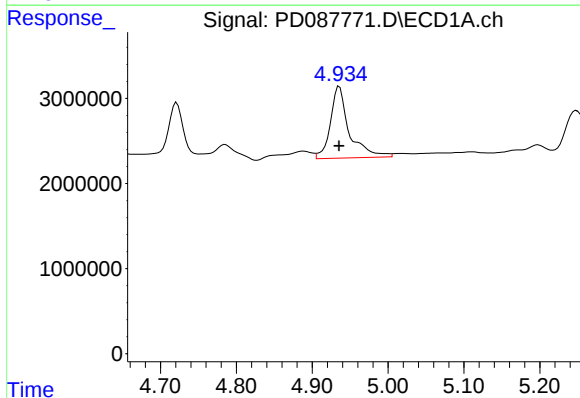
R.T.: 0.000 min
Exp R.T.: 4.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



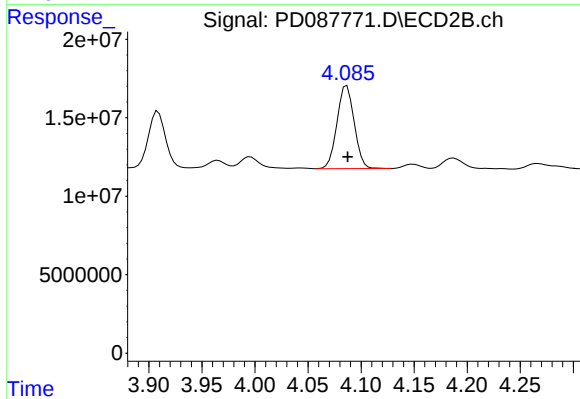
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: 0.003 min
Response: 557159
Conc: 0.03 ng/ml



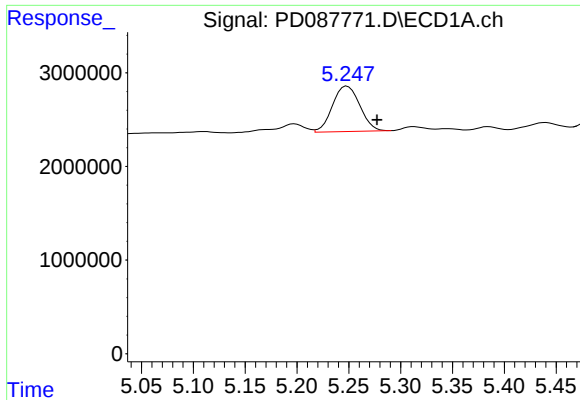
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 14514679
Conc: 3.89 ng/ml



#4 Heptachlor

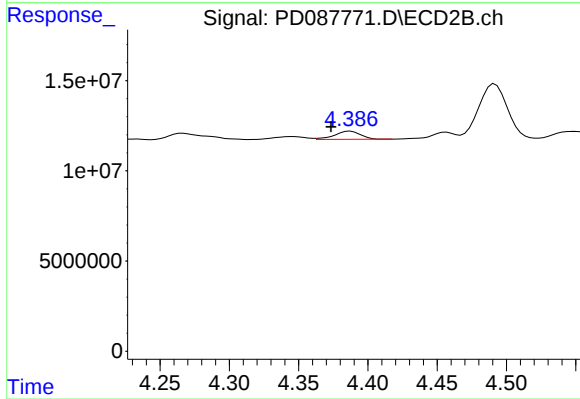
R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 59673899
Conc: 3.44 ng/ml



#5 Aldrin

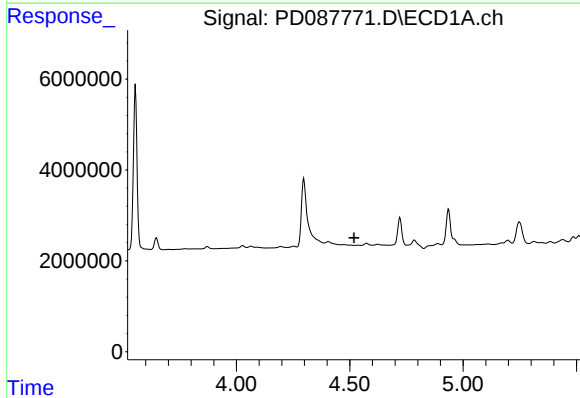
R.T.: 5.248 min
Delta R.T.: -0.029 min
Response: 8931872
Conc: 2.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



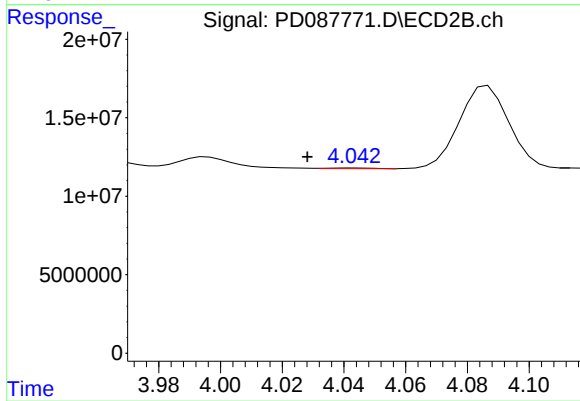
#5 Aldrin

R.T.: 4.387 min
Delta R.T.: 0.014 min
Response: 5894009
Conc: 0.34 ng/ml



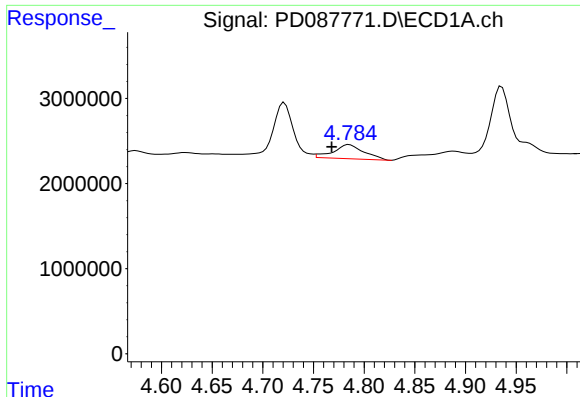
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.519 min
Response: 0
Conc: N.D.



#6 beta-BHC

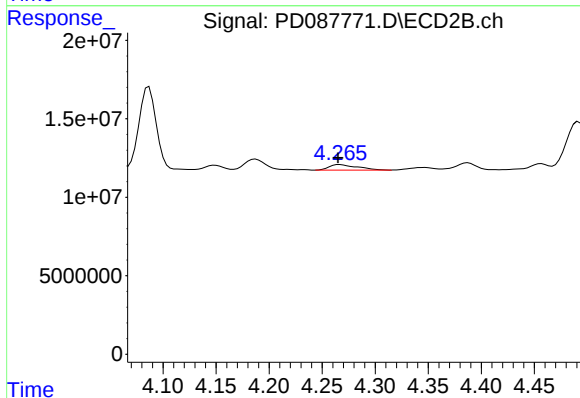
R.T.: 4.044 min
Delta R.T.: 0.015 min
Response: 414550
Conc: 0.05 ng/ml



#7 delta-BHC

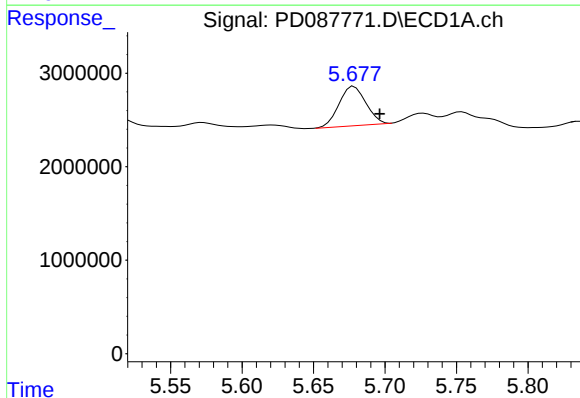
R.T.: 4.785 min
Delta R.T.: 0.017 min
Response: 3464393
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



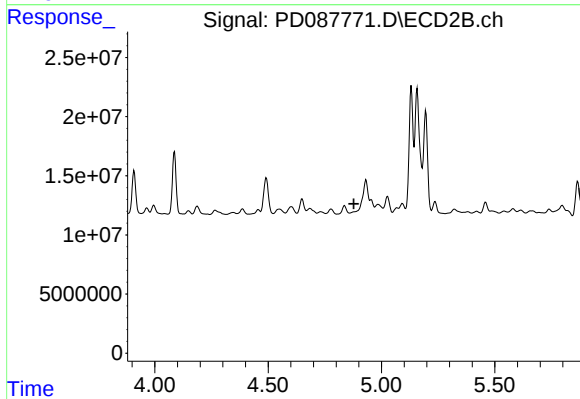
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.001 min
Response: 6508138
Conc: 0.36 ng/ml



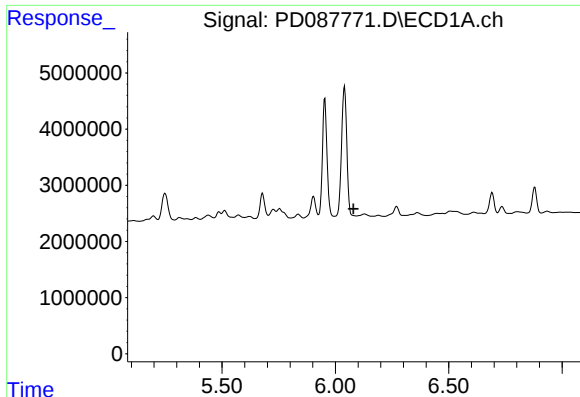
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.018 min
Response: 5515543
Conc: 1.61 ng/ml



#8 Heptachlor epoxide

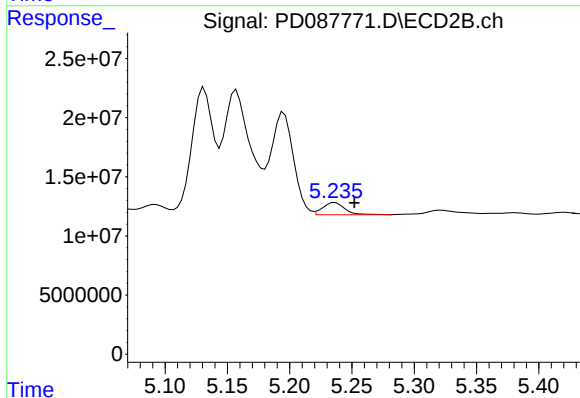
R.T.: 0.000 min
Exp R.T. : 4.878 min
Response: 0
Conc: N.D.



#9 Endosulfan I

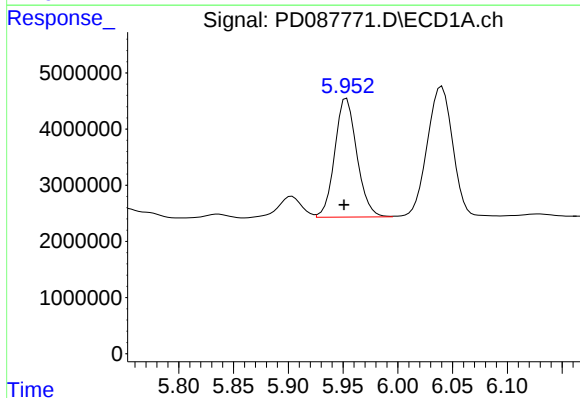
R.T.: 0.000 min
Exp R.T.: 6.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



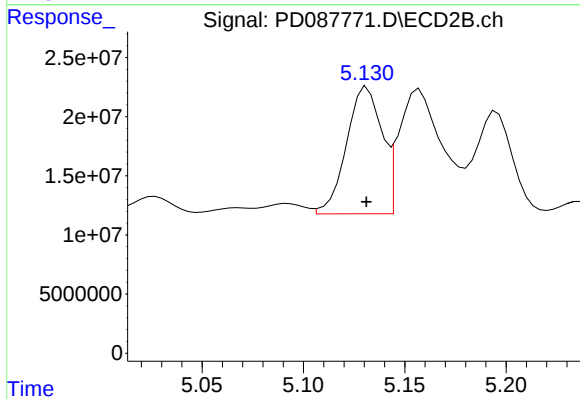
#9 Endosulfan I

R.T.: 5.236 min
Delta R.T.: -0.016 min
Response: 12608806
Conc: 0.85 ng/ml



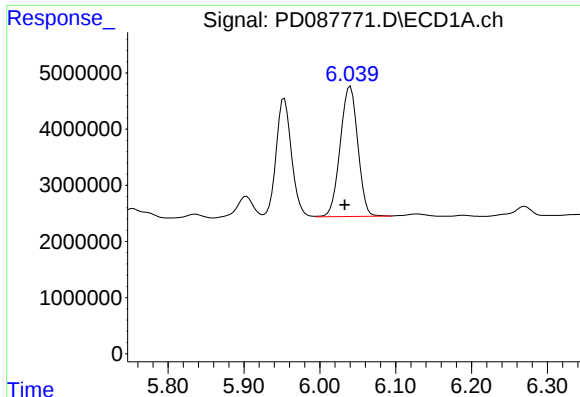
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 29715414
Conc: 8.99 ng/ml



#10 gamma-Chlordane

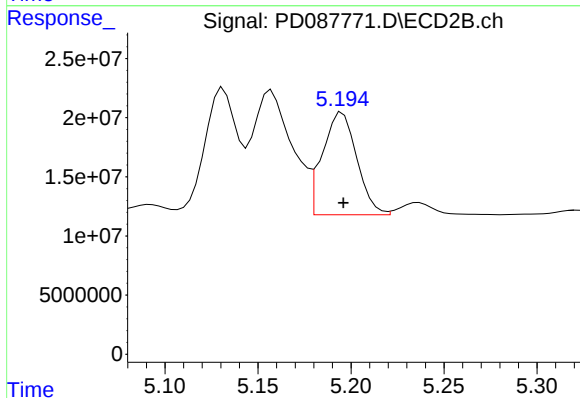
R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 130078654
Conc: 8.00 ng/ml



#11 alpha-Chlordane

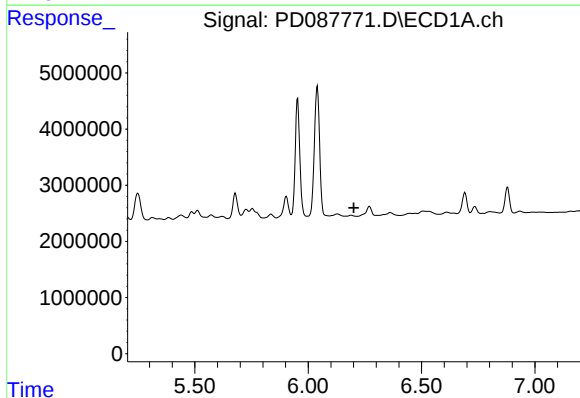
R.T.: 6.040 min
Delta R.T.: 0.008 min
Response: 37306293
Conc: 11.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



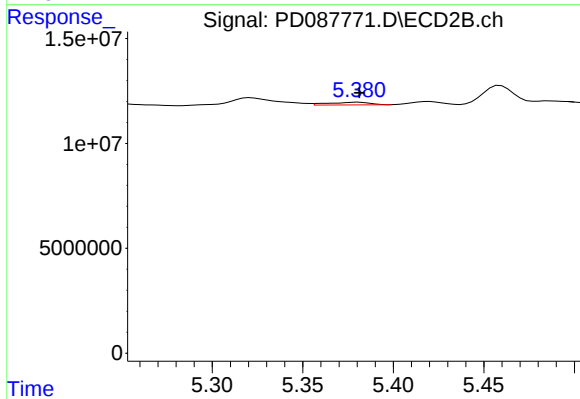
#11 alpha-Chlordane

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 111356233
Conc: 6.98 ng/ml



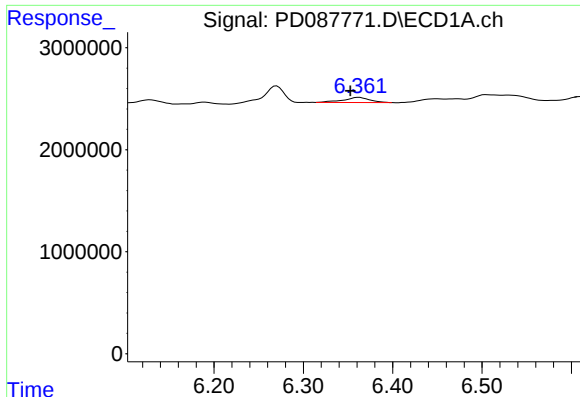
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.011 min
Response: -122611
Conc: N.D.



#12 4,4'-DDE

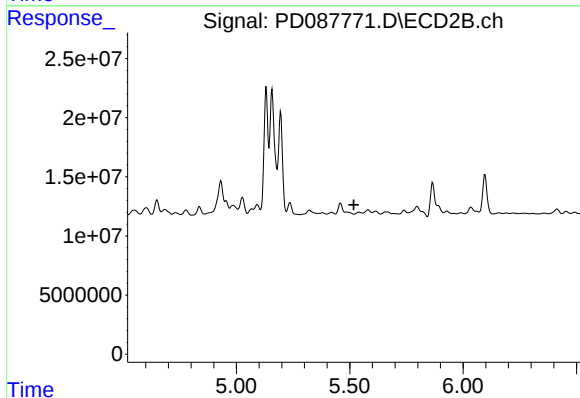
R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 2105882
Conc: 0.13 ng/ml



#13 Dieldrin

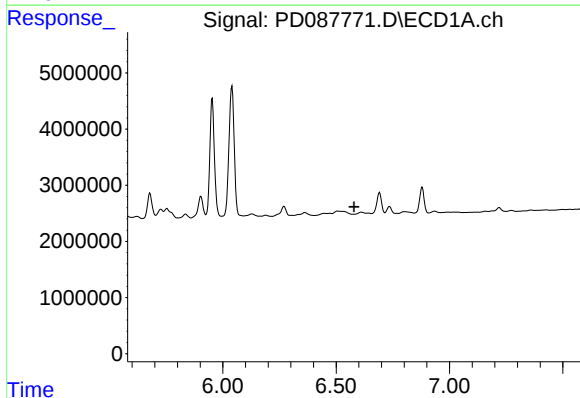
R.T.: 6.362 min
Delta R.T.: 0.009 min
Response: 1027702
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



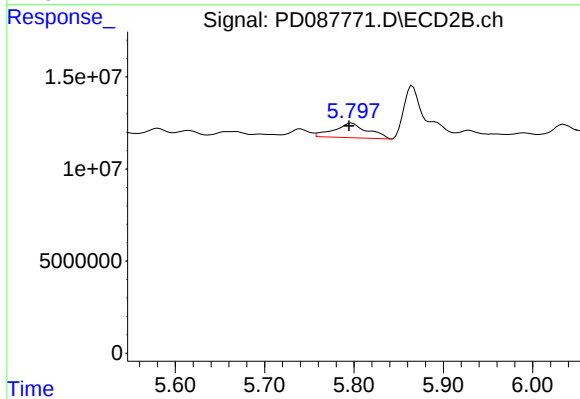
#13 Dieldrin

R.T.: 5.542 min
Delta R.T.: 0.023 min
Response: -138339
Conc: N.D.



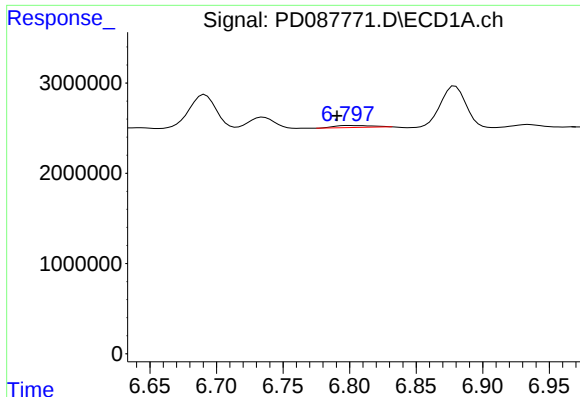
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.579 min
Response: 0
Conc: N.D.



#14 Endrin

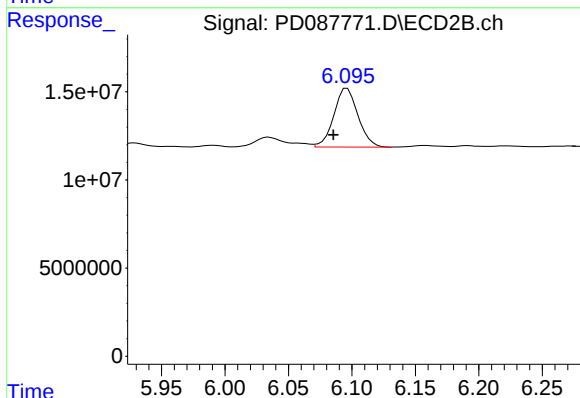
R.T.: 5.798 min
Delta R.T.: 0.003 min
Response: 20724940
Conc: 1.39 ng/ml



#15 Endosulfan II

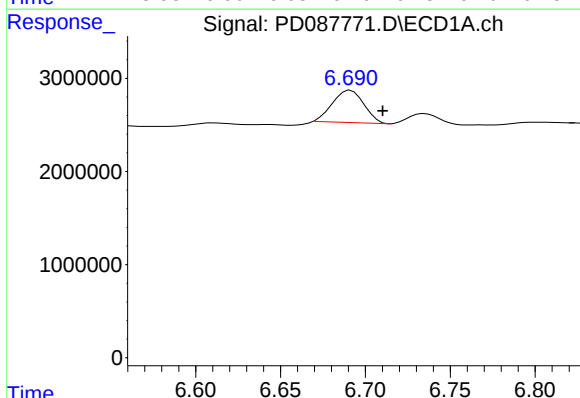
R.T.: 6.800 min
Delta R.T.: 0.010 min
Response: 405822
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



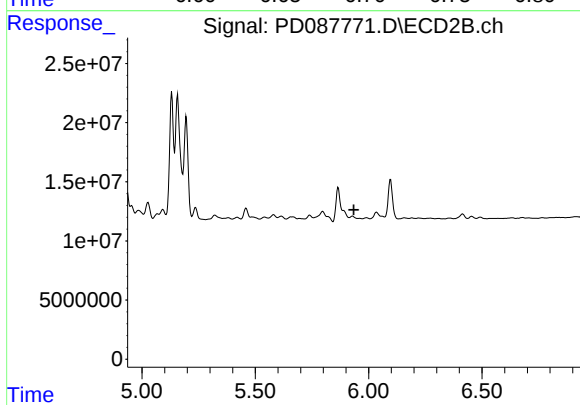
#15 Endosulfan II

R.T.: 6.096 min
Delta R.T.: 0.011 min
Response: 44085704
Conc: 3.09 ng/ml



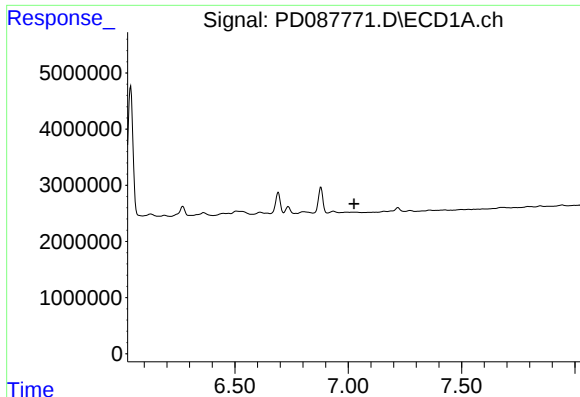
#16 4,4'-DDD

R.T.: 6.691 min
Delta R.T.: -0.019 min
Response: 4433627
Conc: 1.84 ng/ml



#16 4,4'-DDD

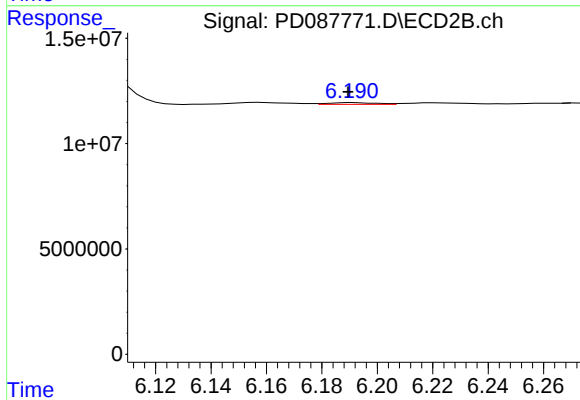
R.T.: 5.929 min
Delta R.T.: -0.006 min
Response: -3956795
Conc: N.D.



#17 4,4'-DDT

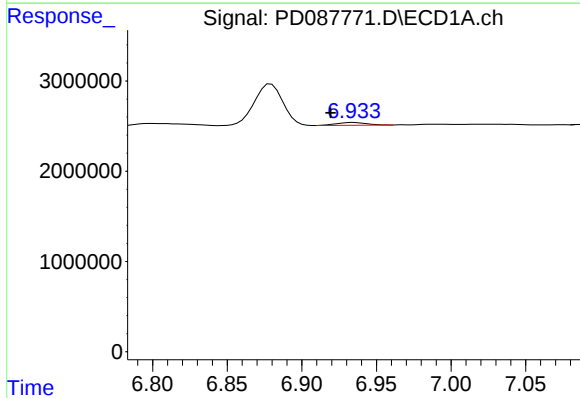
R.T.: 0.000 min
Exp R.T.: 7.026 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



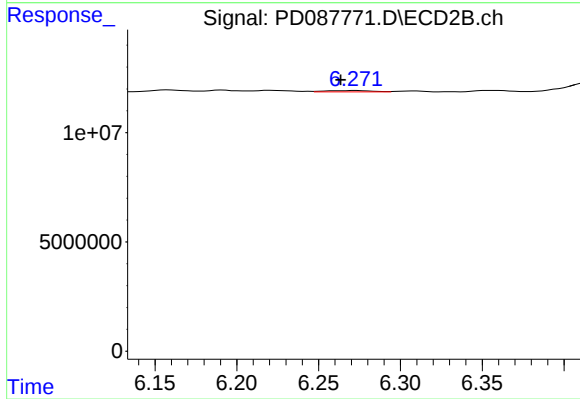
#17 4,4'-DDT

R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 988607
Conc: 0.07 ng/ml



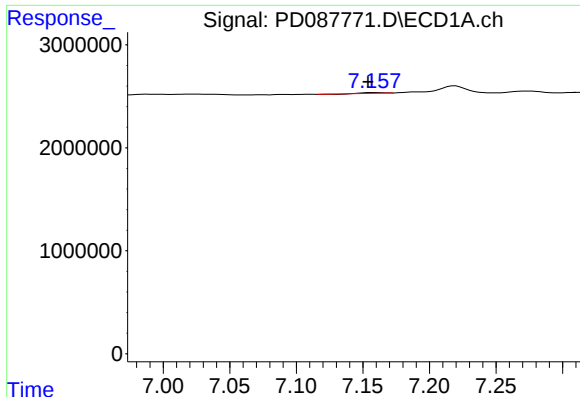
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.015 min
Response: 419112
Conc: 0.18 ng/ml



#18 Endrin aldehyde

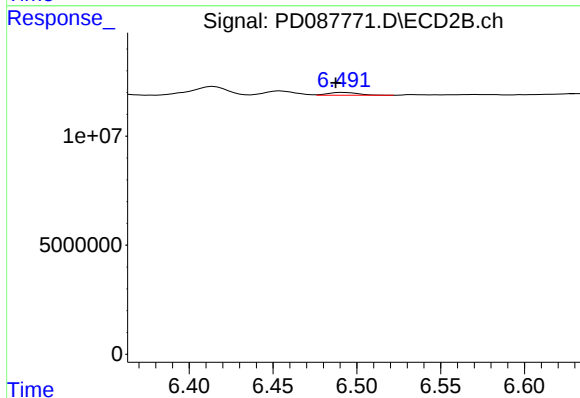
R.T.: 6.273 min
Delta R.T.: 0.009 min
Response: 1143367
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

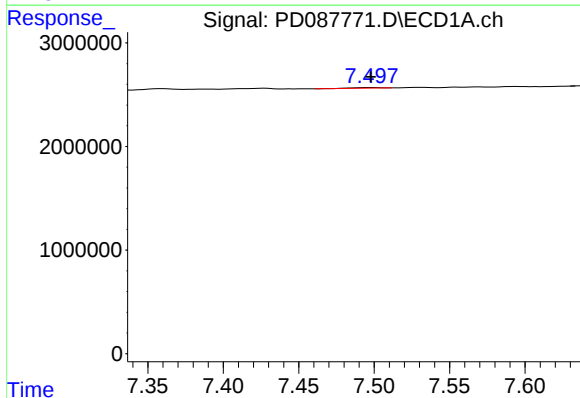
R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 42480
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



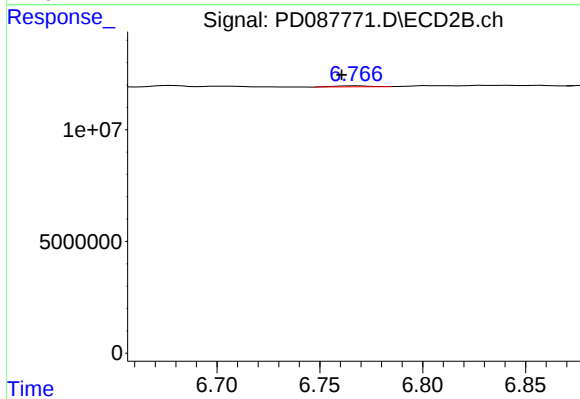
#19 Endosulfan Sulfate

R.T.: 6.492 min
Delta R.T.: 0.005 min
Response: 1632327
Conc: 0.11 ng/ml



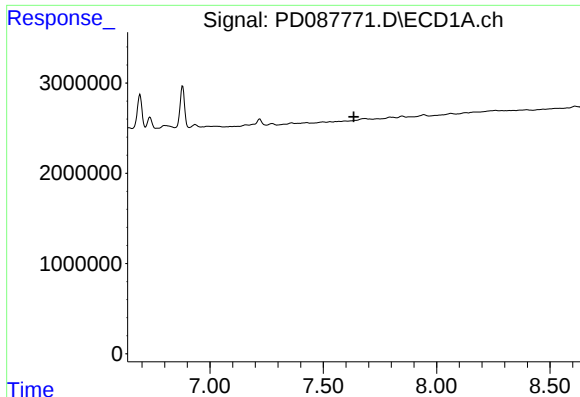
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 89881
Conc: 0.06 ng/ml



#20 Methoxychlor

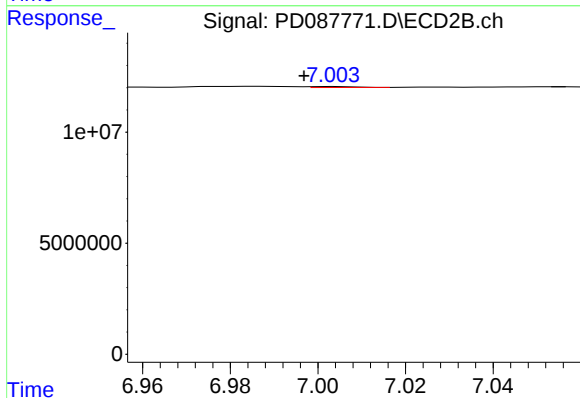
R.T.: 6.768 min
Delta R.T.: 0.007 min
Response: 586487
Conc: 0.08 ng/ml



#21 Endrin ketone

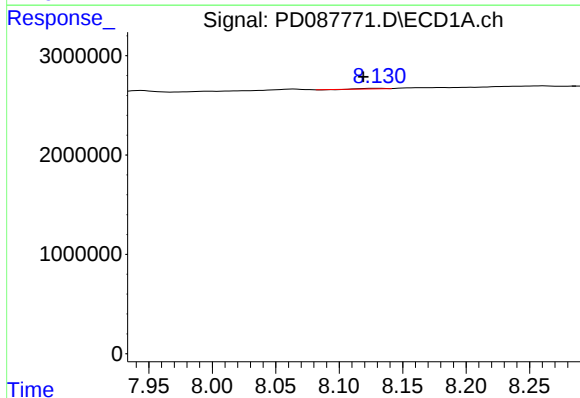
R.T.: 0.000 min
Exp R.T.: 7.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



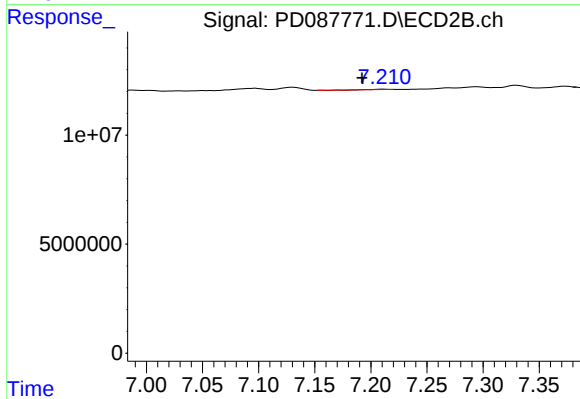
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.007 min
Response: 301325
Conc: 0.02 ng/ml



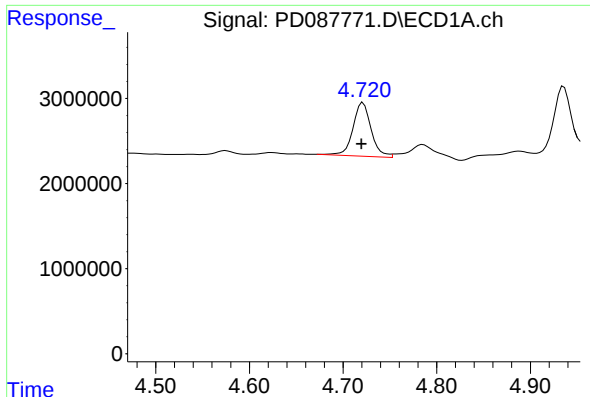
#22 Mirex

R.T.: 8.131 min
Delta R.T.: 0.012 min
Response: 43640
Conc: 0.02 ng/ml



#22 Mirex

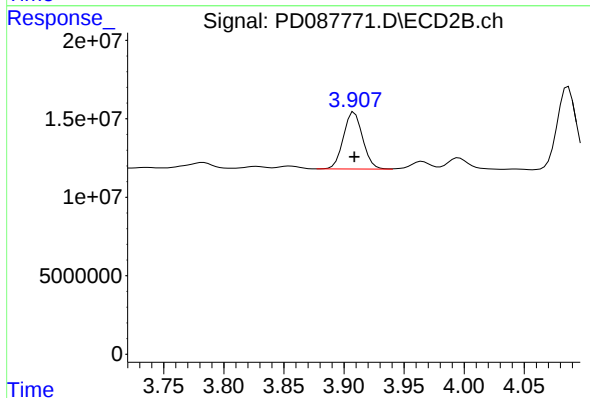
R.T.: 7.211 min
Delta R.T.: 0.019 min
Response: 13251
Conc: 0.00 ng/ml



#23 Chlordane-1

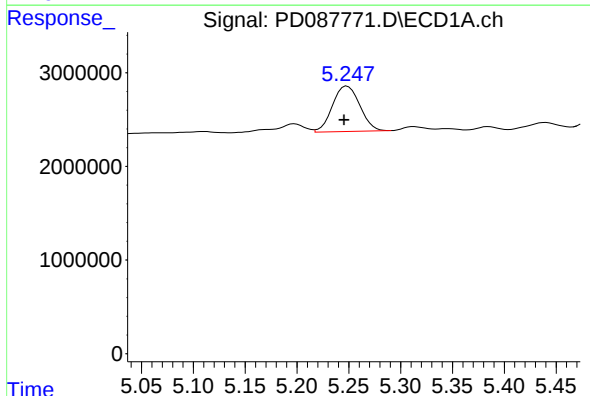
R.T.: 4.721 min
Delta R.T.: 0.002 min
Response: 8510753
Conc: 66.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



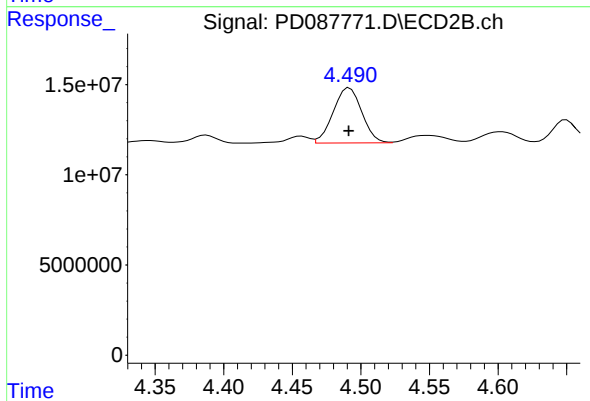
#23 Chlordane-1

R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 40461028
Conc: 72.75 ng/ml



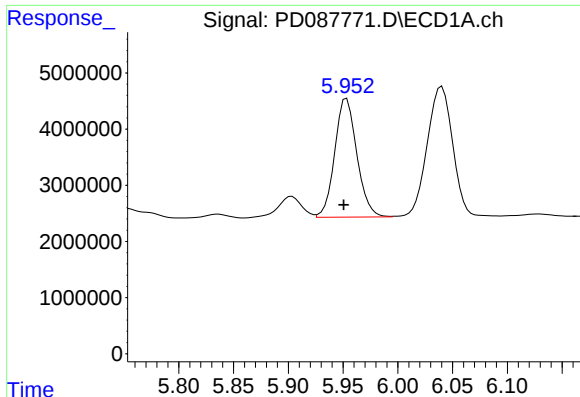
#24 Chlordane-2

R.T.: 5.248 min
Delta R.T.: 0.003 min
Response: 8931872
Conc: 65.84 ng/ml



#24 Chlordane-2

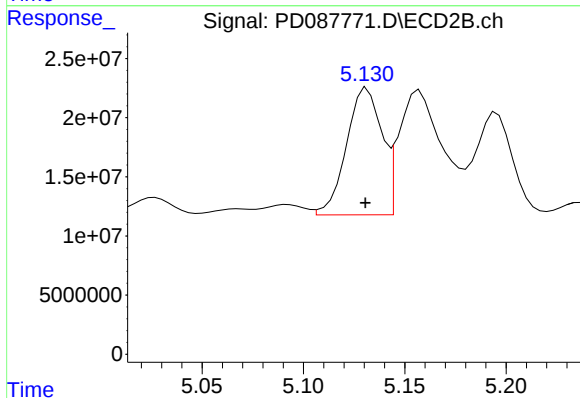
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 44337392
Conc: 75.02 ng/ml



#25 Chlordane-3

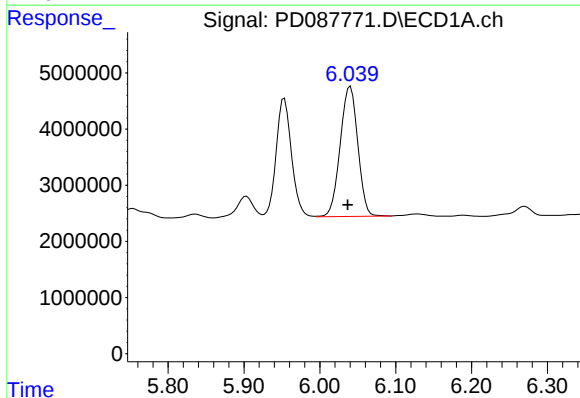
R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 29715414
Conc: 59.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



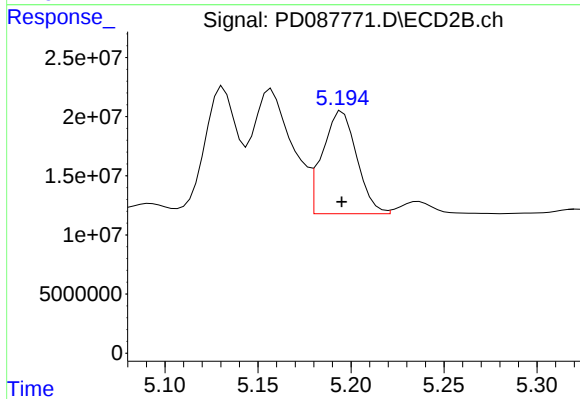
#25 Chlordane-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 130078654
Conc: 74.53 ng/ml



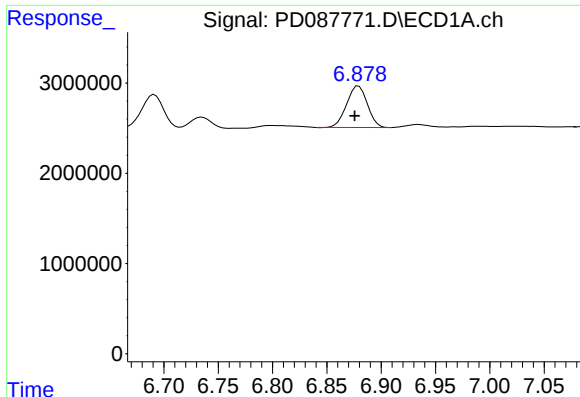
#26 Chlordane-4

R.T.: 6.040 min
Delta R.T.: 0.004 min
Response: 37306293
Conc: 61.38 ng/ml



#26 Chlordane-4

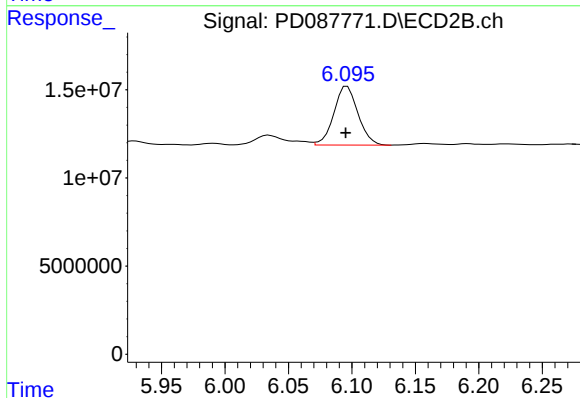
R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 111356233
Conc: 75.47 ng/ml



#27 Chlordane-5

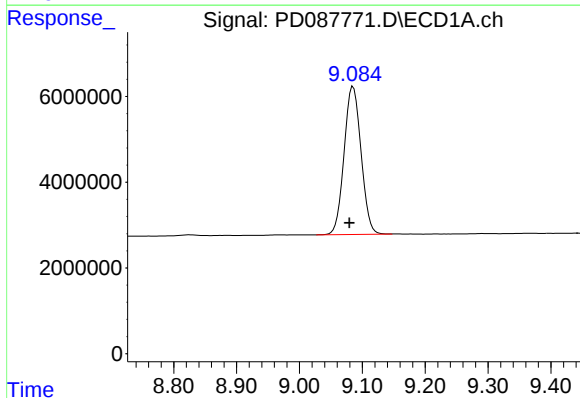
R.T.: 6.879 min
Delta R.T.: 0.004 min
Response: 6106432
Conc: 57.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025



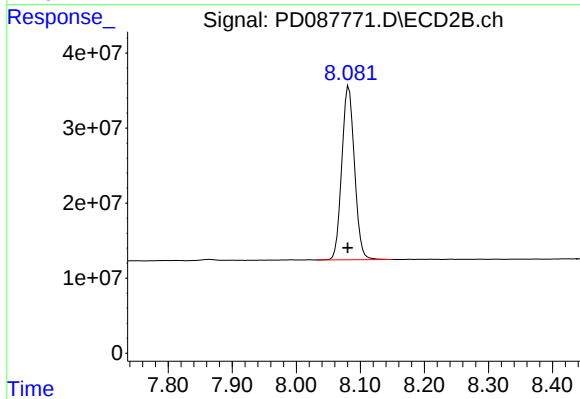
#27 Chlordane-5

R.T.: 6.096 min
Delta R.T.: 0.001 min
Response: 44085704
Conc: 67.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.006 min
Response: 64603511
Conc: 21.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.001 min
Response: 317876871
Conc: 22.49 ng/ml