

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092225\
 Data File : PD090368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 11:31
 Operator : AR\AJ
 Sample : Q2899-02
 Misc : PEST MDL 1PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-QT3-2025-06

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 08:01:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091725CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 18 07:48:10 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

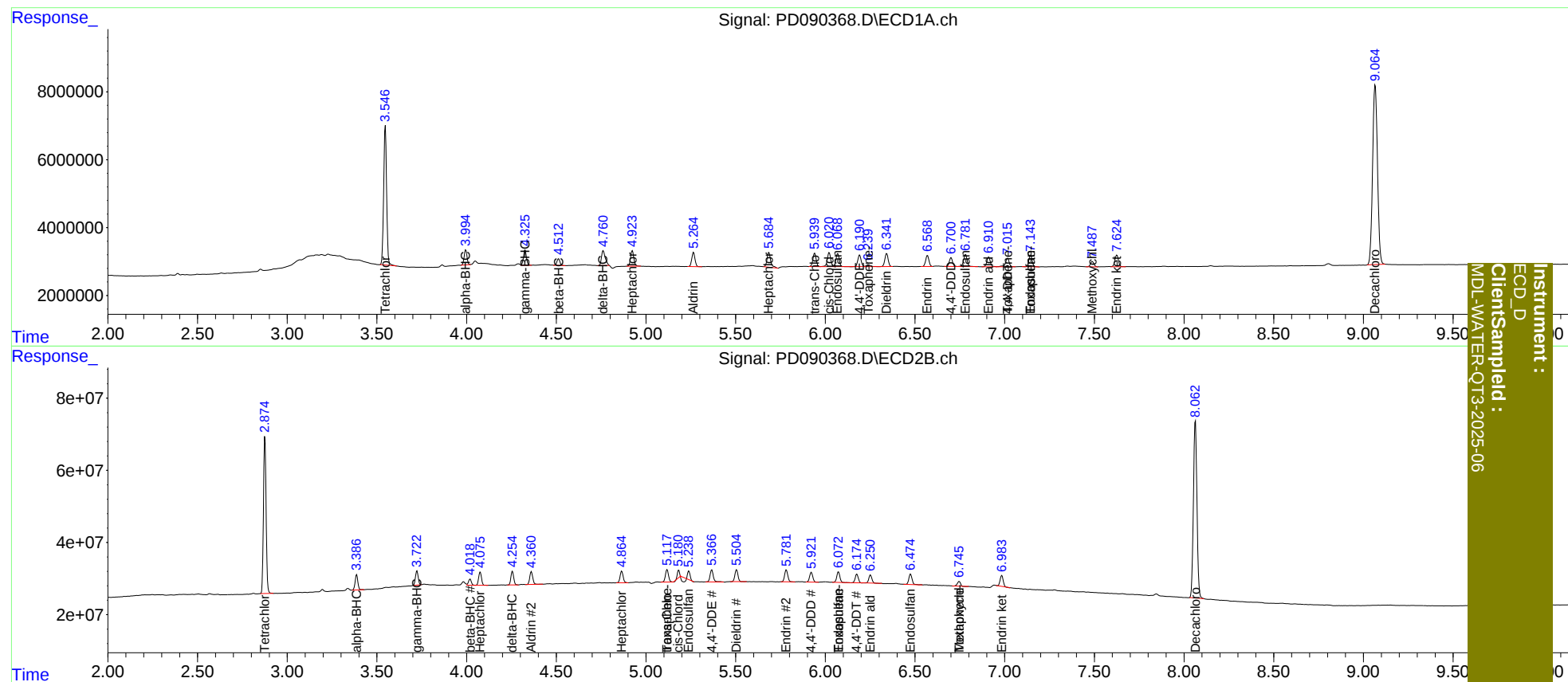
System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.876	47009507	441.7E6	18.034	19.377
27)	SA Decachlor...	9.066	8.063	100.3E6	674.9E6	25.207	27.238
Target Compounds							
2)	A alpha-BHC	3.995	3.387	4870143	45551598	0.892	1.230 #
3)	MA gamma-BHC...	4.326	3.724	5251451	42448741	0.991	1.246 #
4)	MA Heptachlor	4.924	4.076	5676308	40904626	1.073	1.163
5)	MB Aldrin	5.265	4.361	5261070	41634732	1.027	1.228
6)	B beta-BHC	4.513	4.020	2218596	19742347	1.001	1.312 #
7)	B delta-BHC	4.762	4.256	6382560	40866170	1.301	1.165
8)	B Heptachlo...	5.685	4.865	6158751	38084324	1.292	1.230
9)	A Endosulfan I	6.070	5.239	4966159	4812532	1.106	0.164 #
10)	B trans-Chl...	5.941	5.118	4963070	41800015	1.085	1.270
11)	B cis-Chlor...	6.022	5.183	5398446	16762626	1.140	0.533 #
12)	B 4,4'-DDE	6.191	5.367	4350023	42979330	0.984	1.333 #
13)	MA Dieldrin	6.342	5.505	4891669	39820205	1.016	1.242
14)	MA Endrin	6.569	5.783	4172884	40511783	1.029	1.355 #
15)	B Endosulfa...	6.782	6.073	4880544	36059509	1.270	1.287
16)	A 4,4'-DDD	6.701	5.922	3270786	33463866	0.974	1.270 #
17)	MA 4,4'-DDT	7.016	6.176	3632194	28861264	1.044	1.059
18)	B Endrin al...	6.911	6.252	3866852	26560129	1.224	1.237
19)	B Endosulfa...	7.145	6.475	4382679	35494122	1.130	1.319
20)	A Methoxychlor	7.489	6.746	2091863	15207632	1.130	1.274
21)	B Endrin ke...	7.626	6.984	4698354	34588205	1.150	1.215
22)	Toxaphene-1	6.240	5.118	836374	41800015	26.652	237.725 #
23)	Toxaphene-2	0.000	6.073f	0	36059509	N.D.	186.257
24)	Toxaphene-3	7.016f	6.746	3632194	15207632	31.385	25.259
25)	Toxaphene-4	7.145	0.000	4382679	0	51.286	N.D. #

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

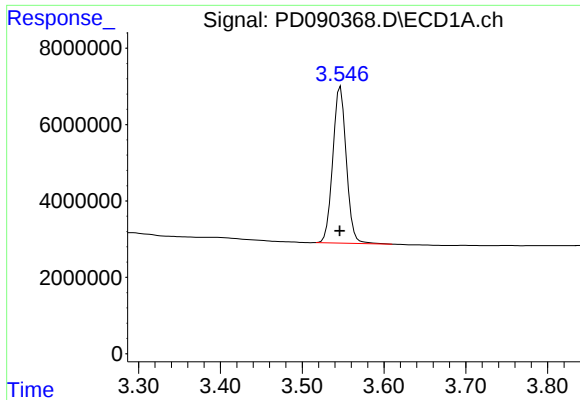
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092225\
Data File : PD090368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 11:31
Operator : AR\AJ
Sample : Q2899-02
Misc : PEST MDL 1PPB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 08:01:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091725CLP.M
Quant Title : GC Extractables
QLast Update : Thu Sep 18 07:48:10 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



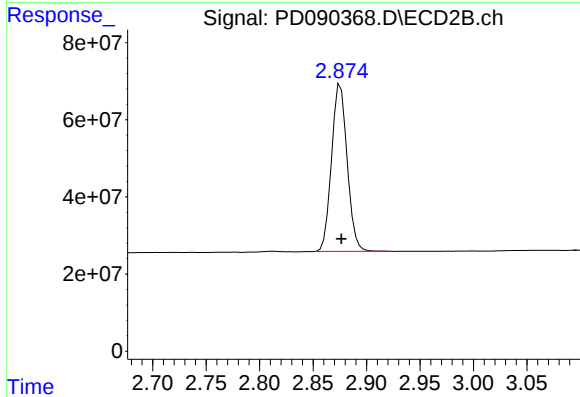
Instrument :
ECD_D
ClientSample :
MDL-WATER-QT3-2025-06



#1 Tetrachloro-m-xylene

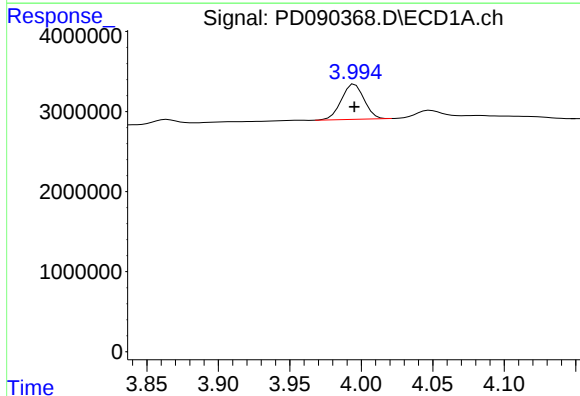
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 47009507
Conc: 18.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



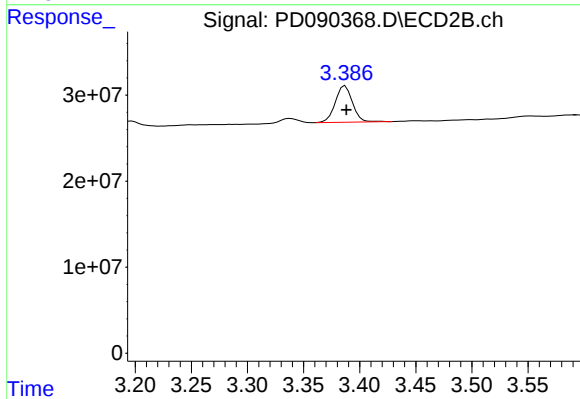
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 441651812
Conc: 19.38 ng/ml



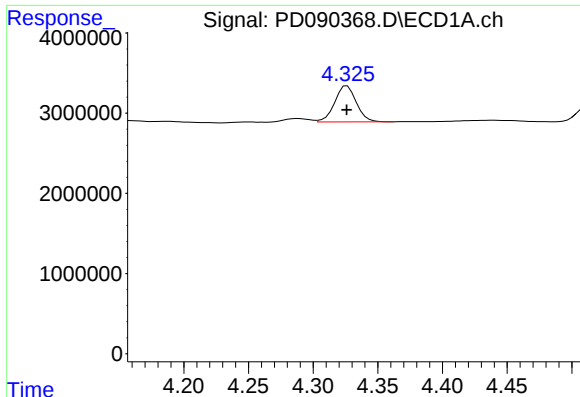
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 4870143
Conc: 0.89 ng/ml



#2 alpha-BHC

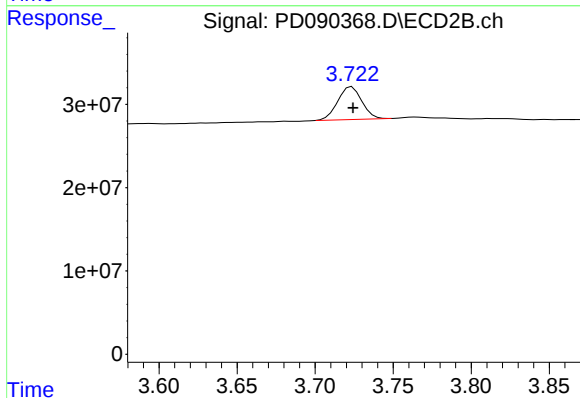
R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 45551598
Conc: 1.23 ng/ml



#3 gamma-BHC (Lindane)

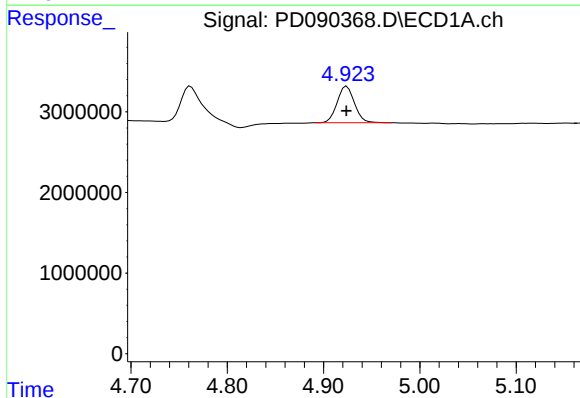
R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 5251451
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



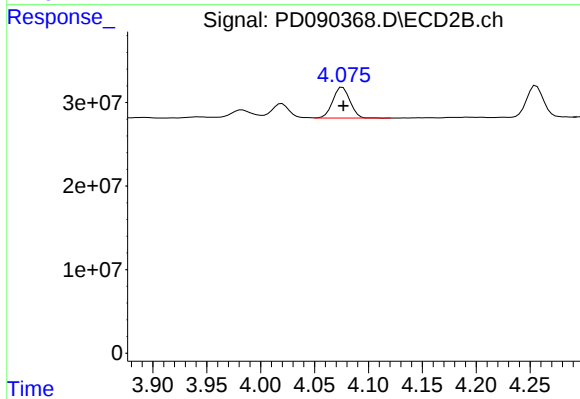
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 42448741
Conc: 1.25 ng/ml



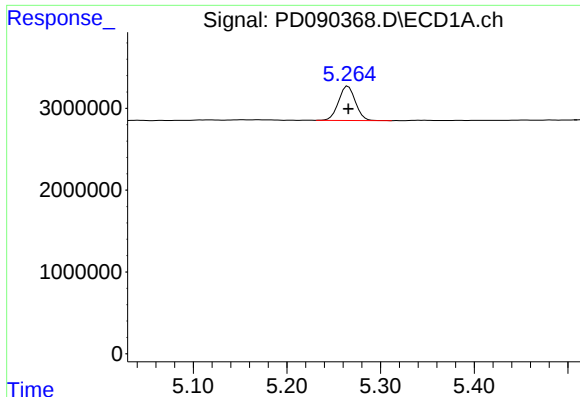
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 5676308
Conc: 1.07 ng/ml



#4 Heptachlor

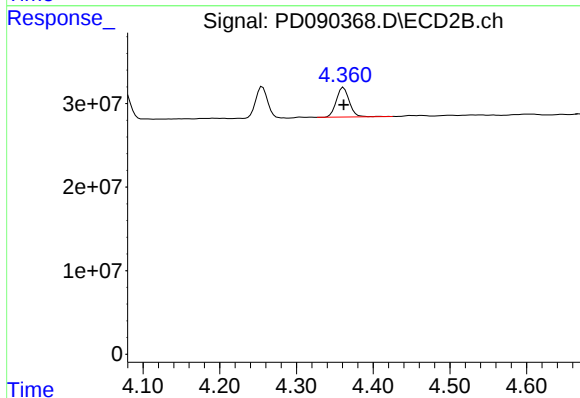
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 40904626
Conc: 1.16 ng/ml



#5 Aldrin

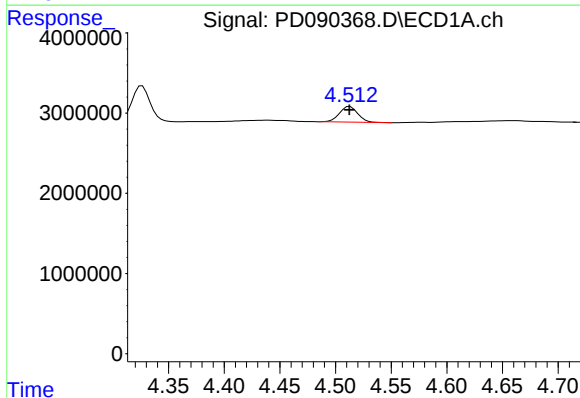
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 5261070
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



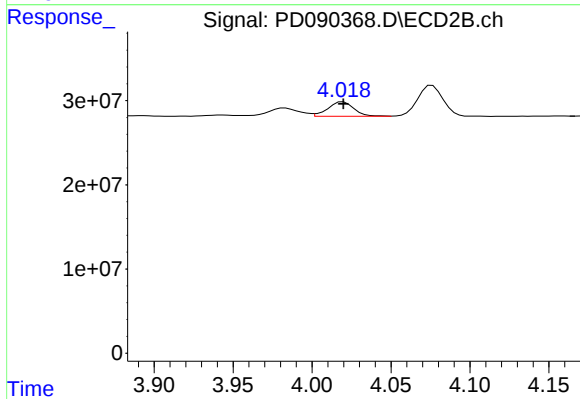
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 41634732
Conc: 1.23 ng/ml



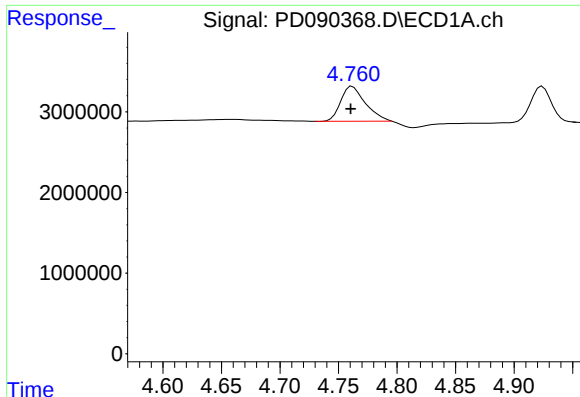
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 2218596
Conc: 1.00 ng/ml



#6 beta-BHC

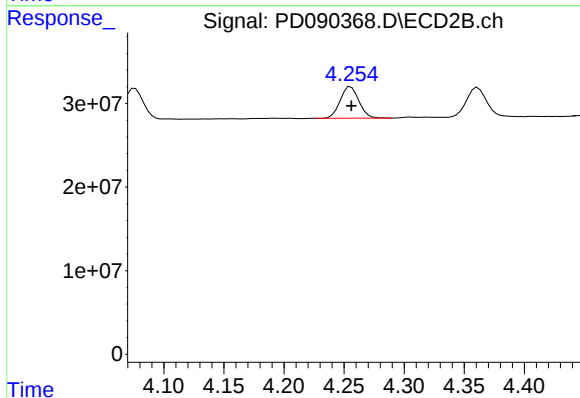
R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 19742347
Conc: 1.31 ng/ml



#7 delta-BHC

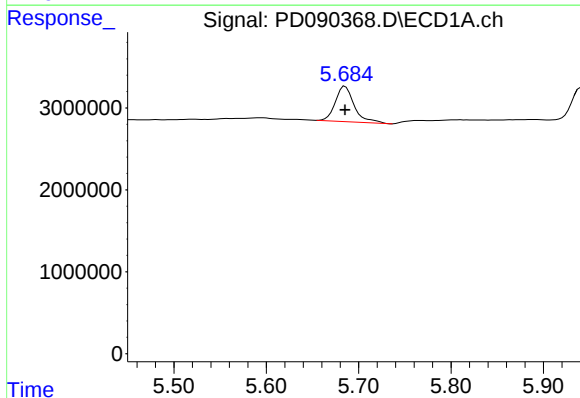
R.T.: 4.762 min
Delta R.T.: 0.001 min
Response: 6382560
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



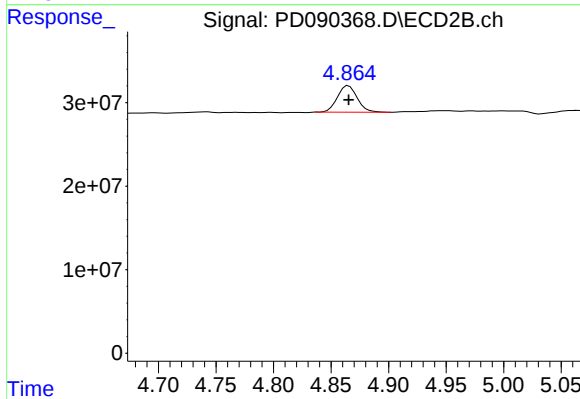
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 40866170
Conc: 1.16 ng/ml



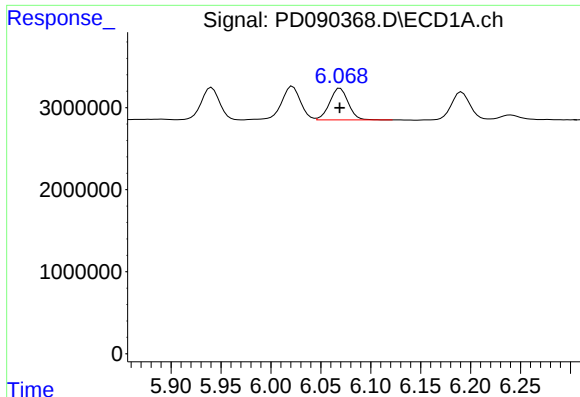
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 6158751
Conc: 1.29 ng/ml



#8 Heptachlor epoxide

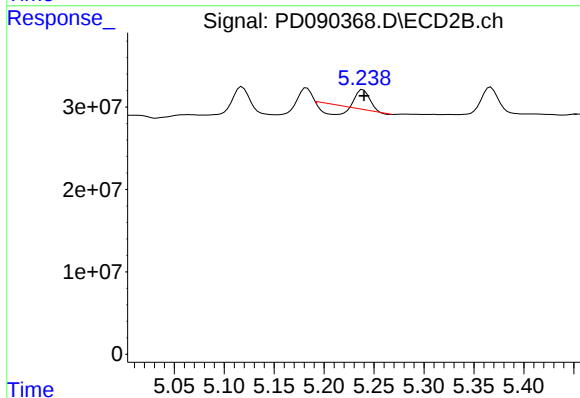
R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 38084324
Conc: 1.23 ng/ml



#9 Endosulfan I

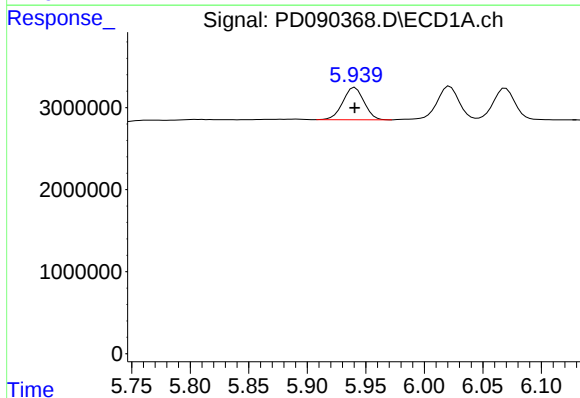
R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 4966159
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



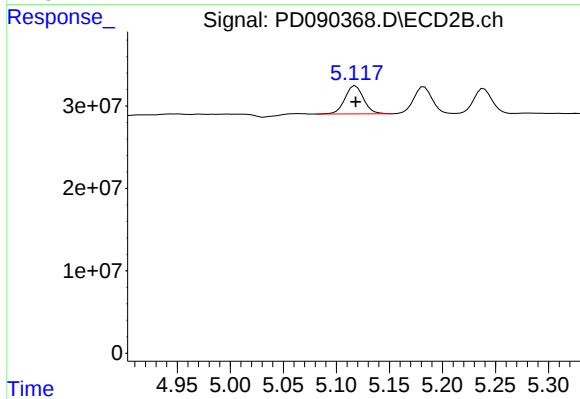
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 4812532
Conc: 0.16 ng/ml



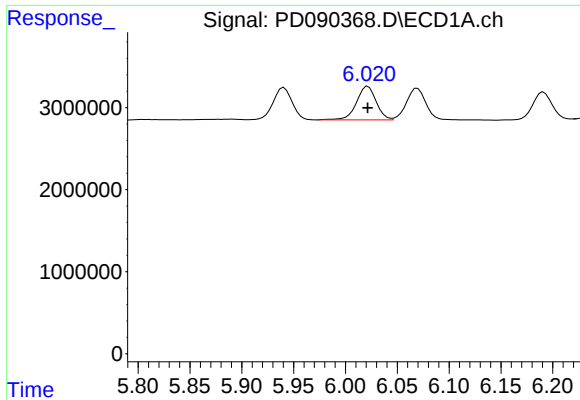
#10 trans-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 4963070
Conc: 1.08 ng/ml



#10 trans-Chlordane

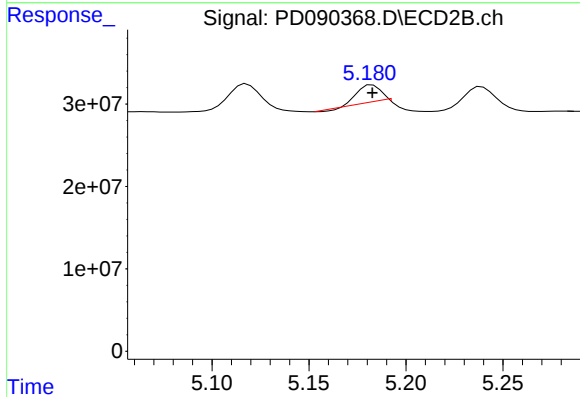
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 41800015
Conc: 1.27 ng/ml



#11 cis-Chlordane

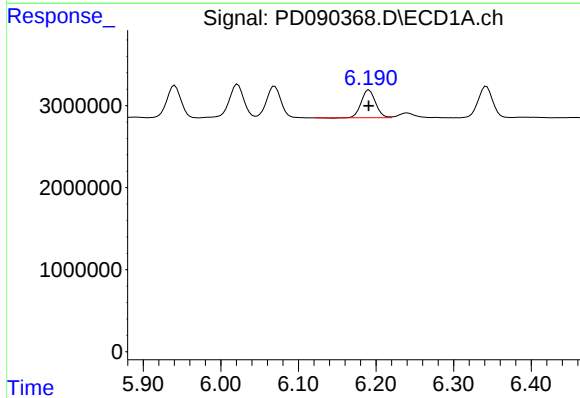
R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 5398446
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



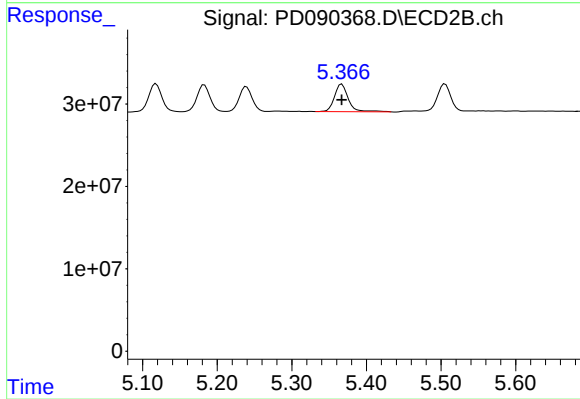
#11 cis-Chlordane

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 16762626
Conc: 0.53 ng/ml



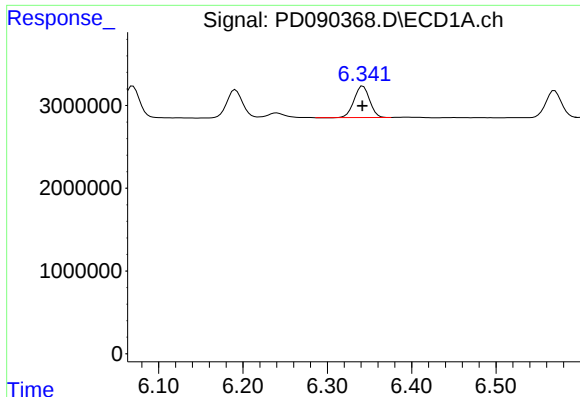
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 4350023
Conc: 0.98 ng/ml



#12 4,4'-DDE

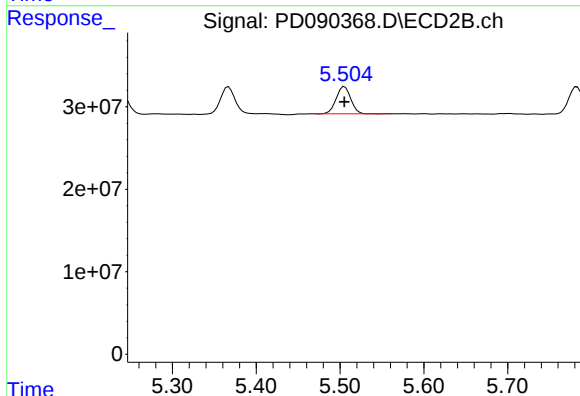
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 42979330
Conc: 1.33 ng/ml



#13 Dieldrin

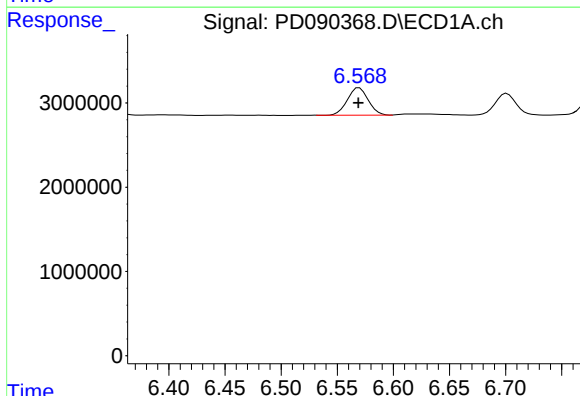
R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 4891669
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



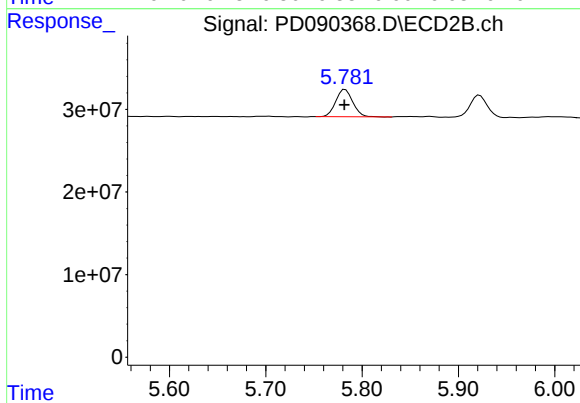
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 39820205
Conc: 1.24 ng/ml



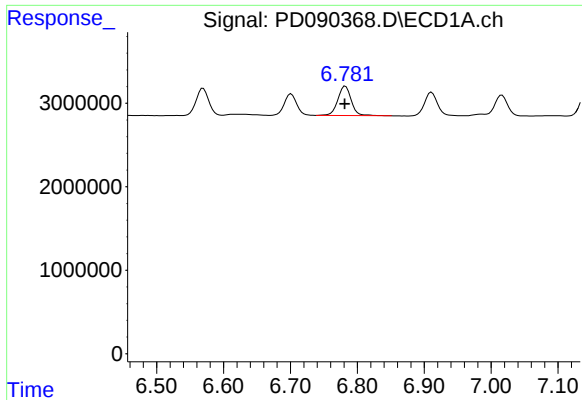
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 4172884
Conc: 1.03 ng/ml



#14 Endrin

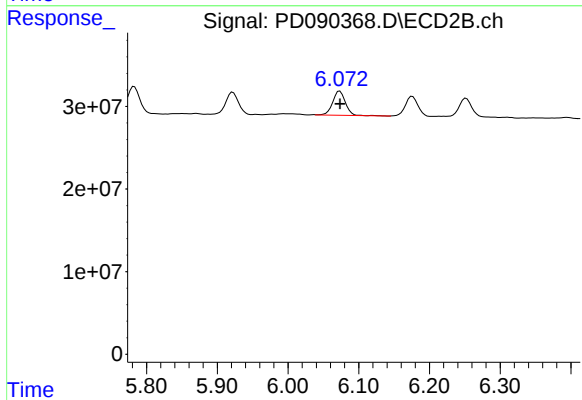
R.T.: 5.783 min
Delta R.T.: 0.001 min
Response: 40511783
Conc: 1.36 ng/ml



#15 Endosulfan II

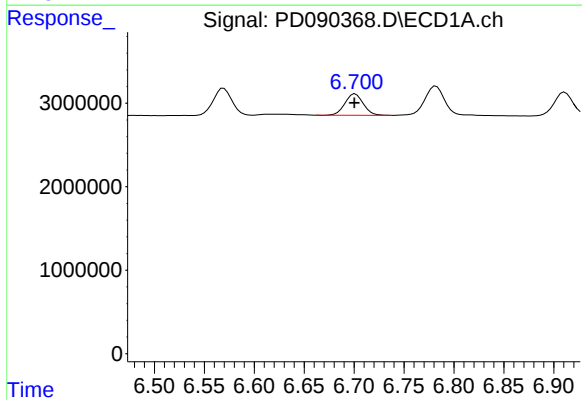
R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 4880544
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



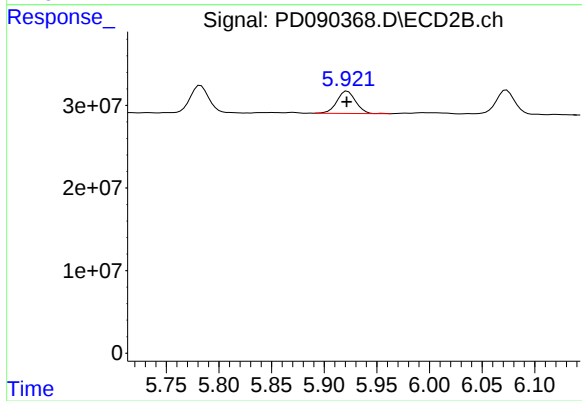
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 36059509
Conc: 1.29 ng/ml



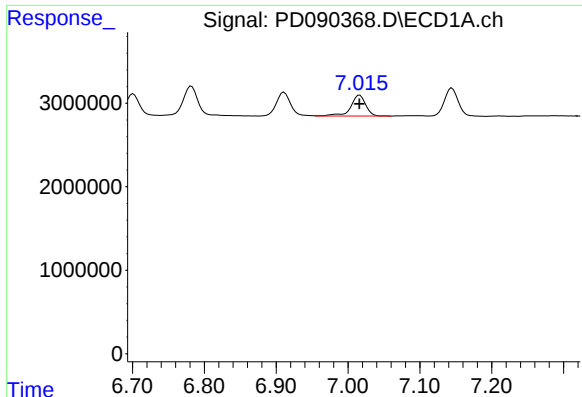
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 3270786
Conc: 0.97 ng/ml



#16 4,4'-DDD

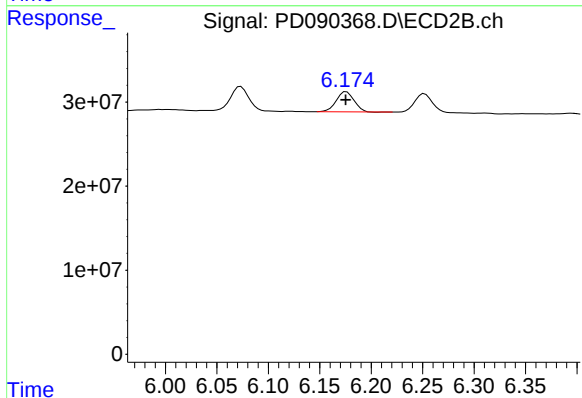
R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 33463866
Conc: 1.27 ng/ml



#17 4,4'-DDT

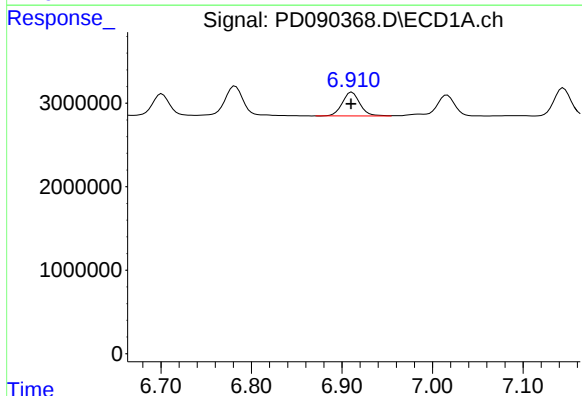
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 3632194
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



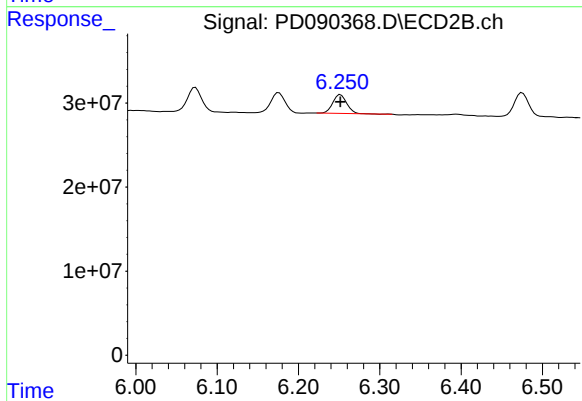
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 28861264
Conc: 1.06 ng/ml



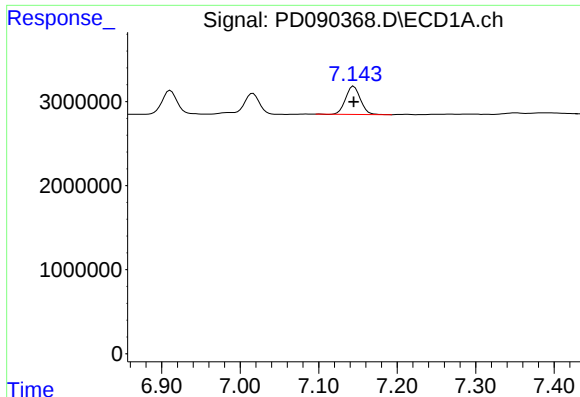
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.001 min
Response: 3866852
Conc: 1.22 ng/ml



#18 Endrin aldehyde

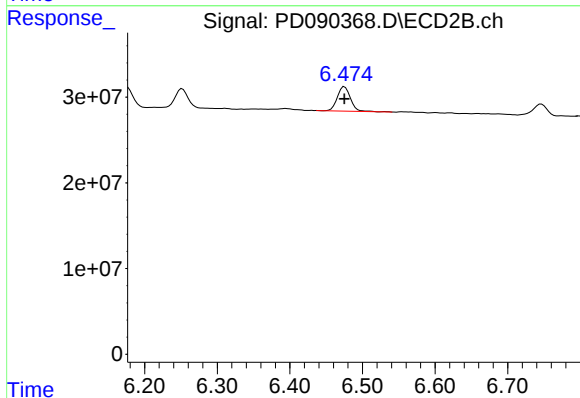
R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 26560129
Conc: 1.24 ng/ml



#19 Endosulfan Sulfate

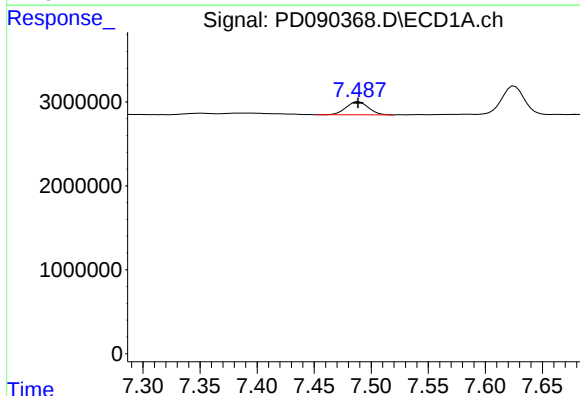
R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 4382679
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



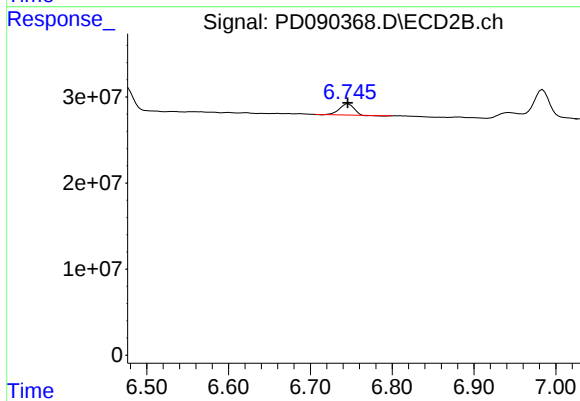
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 35494122
Conc: 1.32 ng/ml



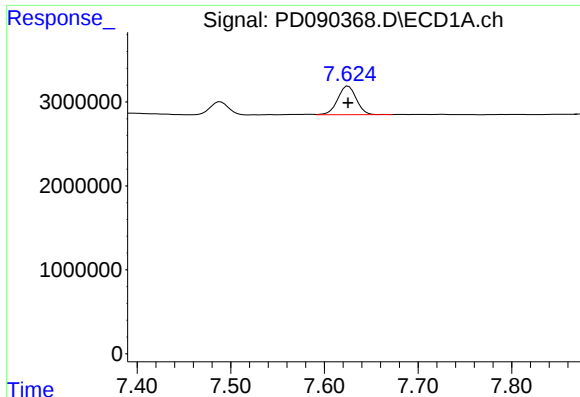
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 2091863
Conc: 1.13 ng/ml



#20 Methoxychlor

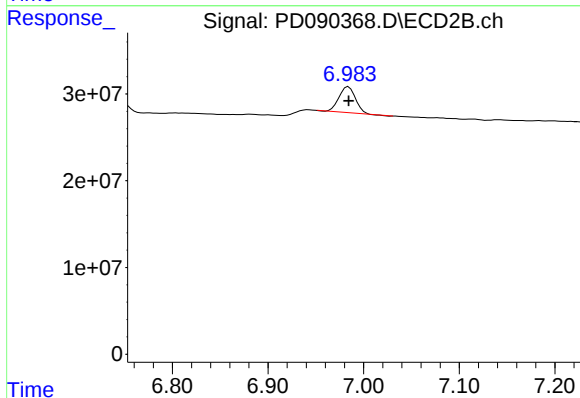
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 15207632
Conc: 1.27 ng/ml



#21 Endrin ketone

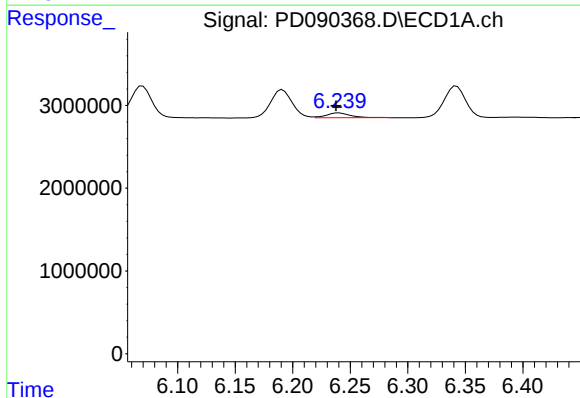
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 4698354
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



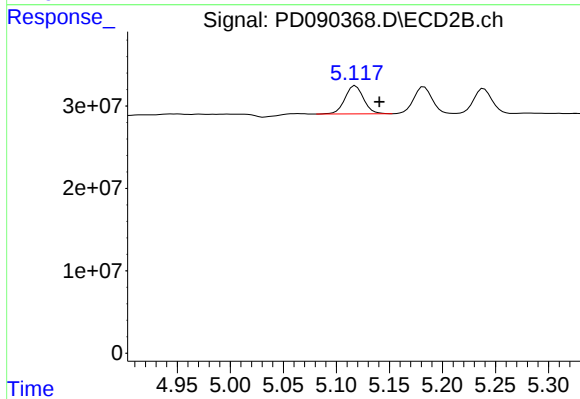
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 34588205
Conc: 1.21 ng/ml



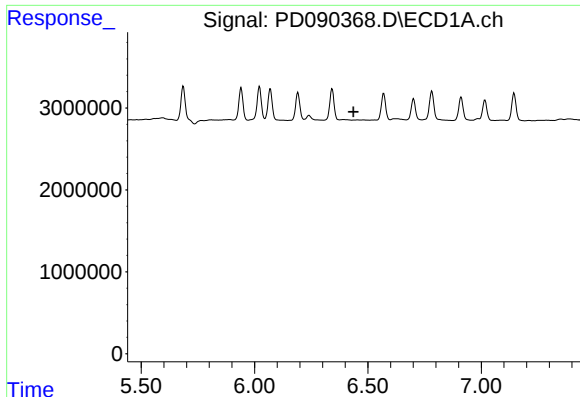
#22 Toxaphene-1

R.T.: 6.240 min
Delta R.T.: 0.002 min
Response: 836374
Conc: 26.65 ng/ml



#22 Toxaphene-1

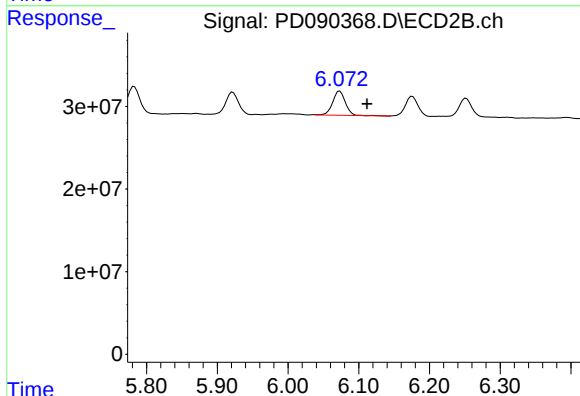
R.T.: 5.118 min
Delta R.T.: -0.023 min
Response: 41800015
Conc: 237.73 ng/ml



#23 Toxaphene-2

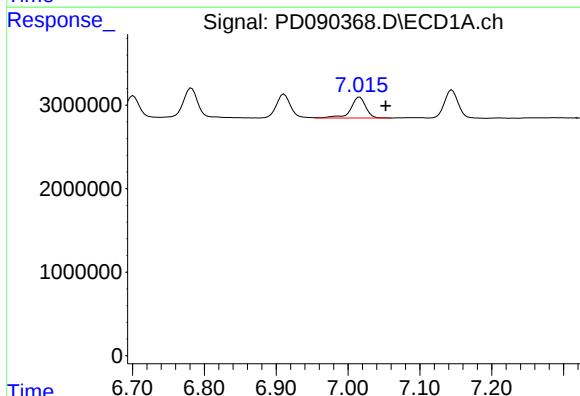
R.T.: 0.000 min
Exp R.T.: 6.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



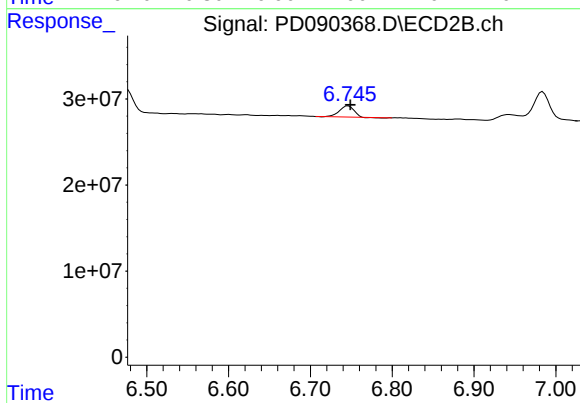
#23 Toxaphene-2

R.T.: 6.073 min
Delta R.T.: -0.038 min
Response: 36059509
Conc: 186.26 ng/ml



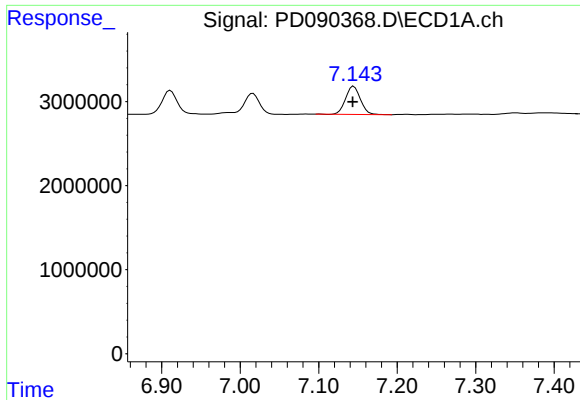
#24 Toxaphene-3

R.T.: 7.016 min
Delta R.T.: -0.036 min
Response: 3632194
Conc: 31.39 ng/ml



#24 Toxaphene-3

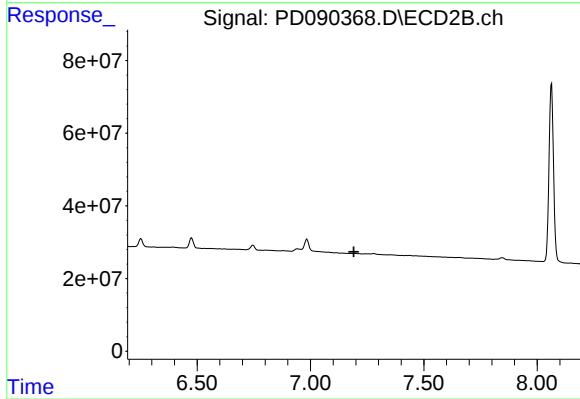
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 15207632
Conc: 25.26 ng/ml



#25 Toxaphene-4

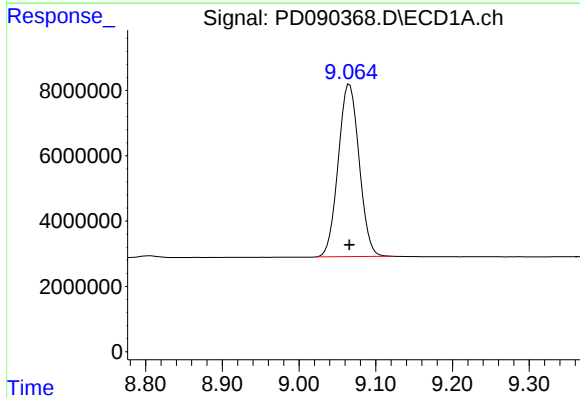
R.T.: 7.145 min
Delta R.T.: 0.001 min
Response: 4382679
Conc: 51.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-06



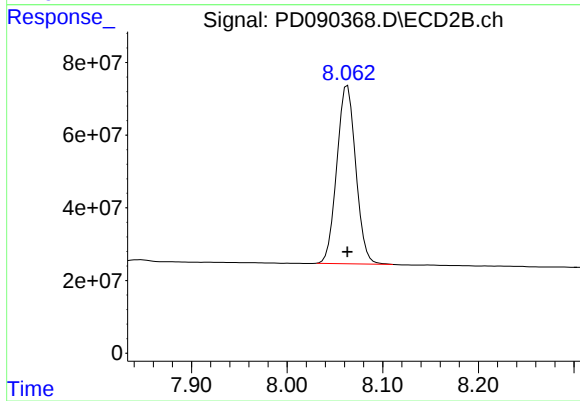
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 7.191 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 100253653
Conc: 25.21 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 674925976
Conc: 27.24 ng/ml