

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091925\
 Data File : PD090354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 12:07
 Operator : AR\AJ
 Sample : Q2899-01
 Misc : PEST MDL 1PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-QT3-2025-05

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 07:01:03 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

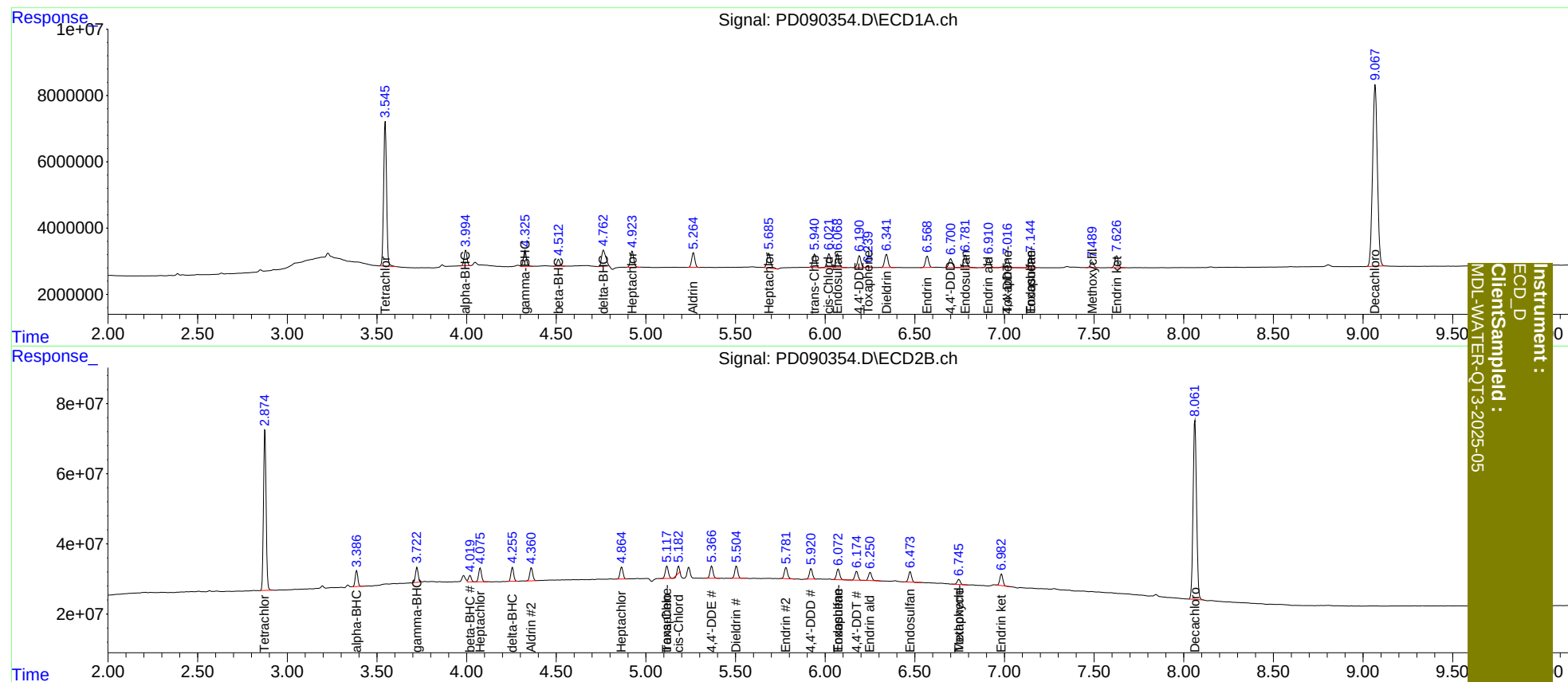
System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.876	49424032	466.0E6	18.960	20.444
27)	SA Decachlor...	9.068	8.063	101.8E6	685.9E6	25.590	27.679
Target Compounds							
2)	A alpha-BHC	3.995	3.387	5122778	46157391	0.939	1.246 #
3)	MA gamma-BHC...	4.327	3.724	5772966	43919834	1.090	1.290
4)	MA Heptachlor	4.925	4.076	6040447	43629753	1.142	1.241
5)	MB Aldrin	5.266	4.362	5506169	42981477	1.075	1.268
6)	B beta-BHC	4.513	4.020	2309252	20402006	1.042	1.356 #
7)	B delta-BHC	4.764	4.256	7695226	43009367	1.568	1.226
8)	B Heptachlo...	5.686	4.865	6221328	39754378	1.305	1.284
9)	A Endosulfan I	6.070	5.239	5433032	-21016723	1.210	N.D. #
10)	B trans-Chl...	5.941	5.118	5045531	41879409	1.103	1.273
11)	B cis-Chlor...	6.022	5.183	5718180	13989182	1.207	0.445 #
12)	B 4,4'-DDE	6.192	5.367	4562742	41181373	1.032	1.277
13)	MA Dieldrin	6.343	5.505	5230608	41572021	1.086	1.296
14)	MA Endrin	6.570	5.782	4283111	40272080	1.056	1.347 #
15)	B Endosulfa...	6.782	6.073	5327236	37814061	1.387	1.350
16)	A 4,4'-DDD	6.701	5.922	3594791	35356989	1.070	1.342 #
17)	MA 4,4'-DDT	7.017	6.176	3876978	30739369	1.115	1.128
18)	B Endrin al...	6.912	6.252	3990802	29743516	1.263	1.385
19)	B Endosulfa...	7.146	6.475	4705023	35128869	1.213	1.306
20)	A Methoxychlor	7.490	6.746	2208521	16748055	1.193	1.403
21)	B Endrin ke...	7.627	6.984	4763388	38590464	1.165	1.356
22)	Toxaphene-1	6.240	5.118	362473	41879409	11.551	238.177 #
23)	Toxaphene-2	0.000	6.073f	0	37814061	N.D.	195.320
24)	Toxaphene-3	7.017f	6.746	3876978	16748055	33.500	27.817
25)	Toxaphene-4	7.146	0.000	4705023	0	55.058	N.D. #

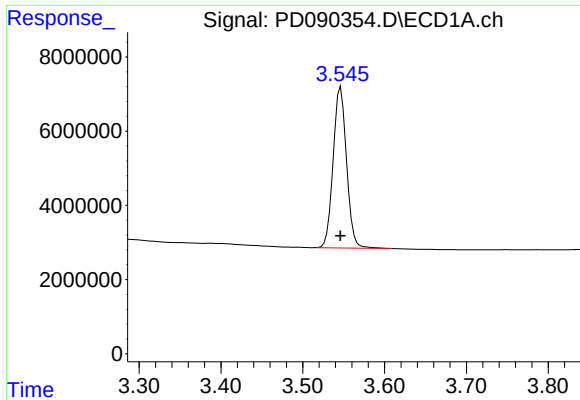
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091925\
Data File : PD090354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 12:07
Operator : AR\AJ
Sample : Q2899-01
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 22 07:01:03 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

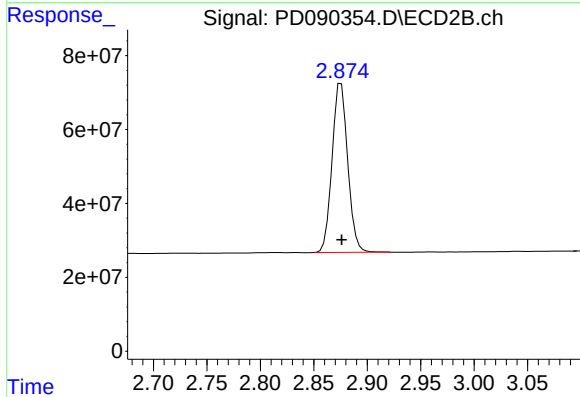




#1 Tetrachloro-m-xylene

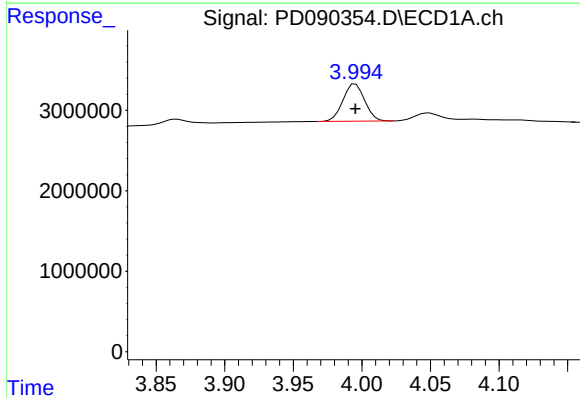
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 49424032
Conc: 18.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



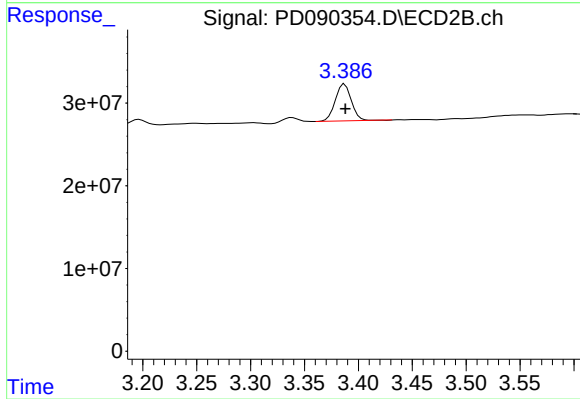
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 465957353
Conc: 20.44 ng/ml



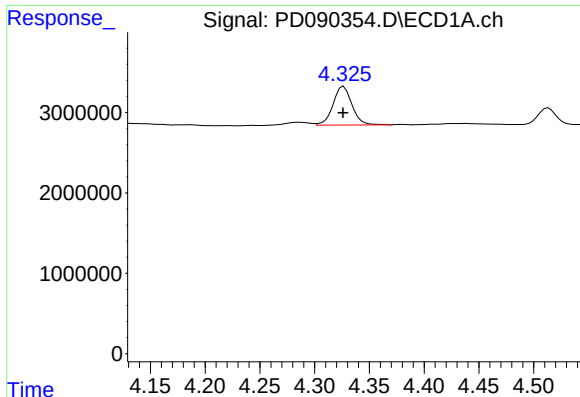
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 5122778
Conc: 0.94 ng/ml



#2 alpha-BHC

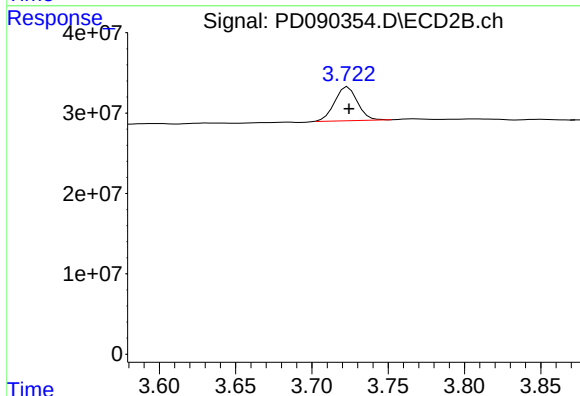
R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 46157391
Conc: 1.25 ng/ml



#3 gamma-BHC (Lindane)

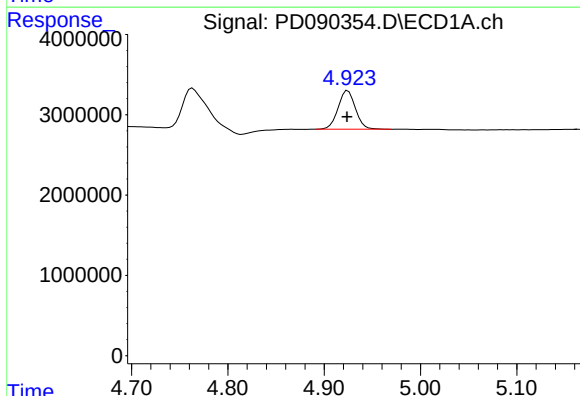
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 5772966
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



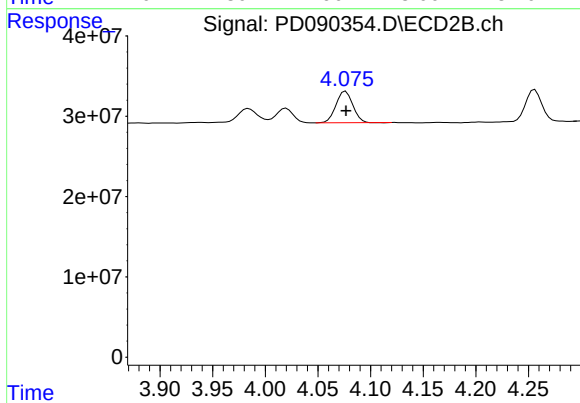
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 43919834
Conc: 1.29 ng/ml



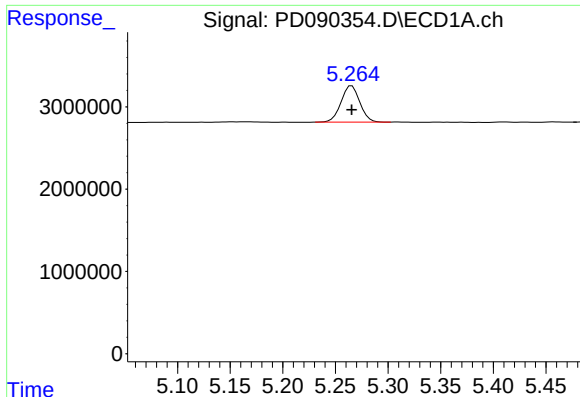
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 6040447
Conc: 1.14 ng/ml



#4 Heptachlor

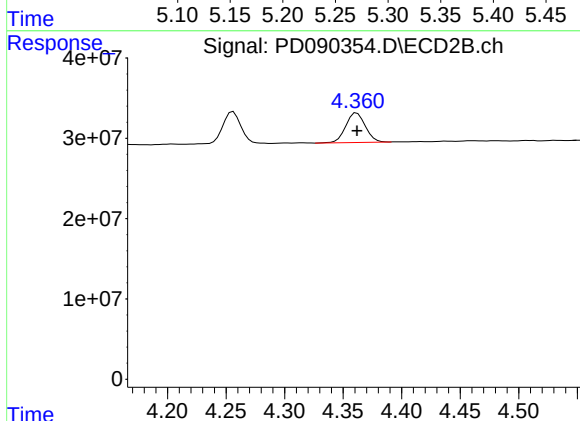
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 43629753
Conc: 1.24 ng/ml



#5 Aldrin

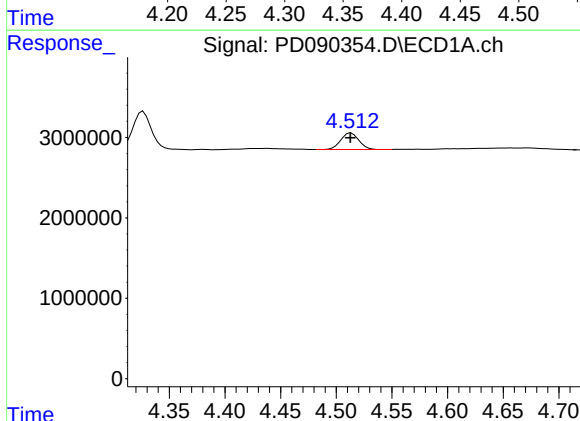
R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 5506169
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



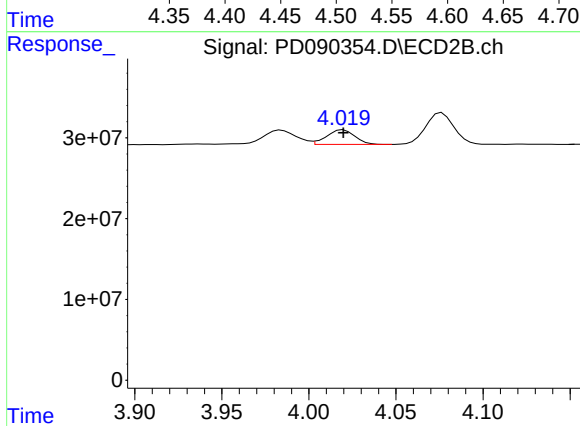
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 42981477
Conc: 1.27 ng/ml



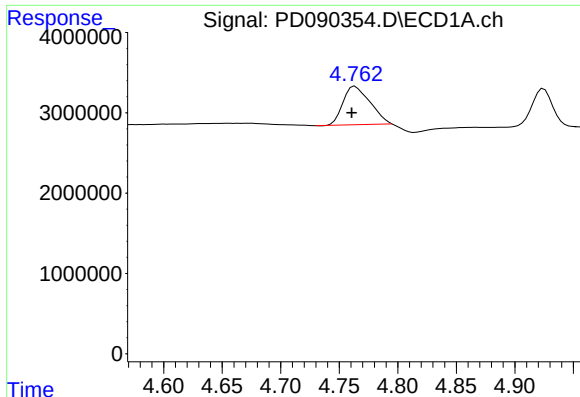
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 2309252
Conc: 1.04 ng/ml



#6 beta-BHC

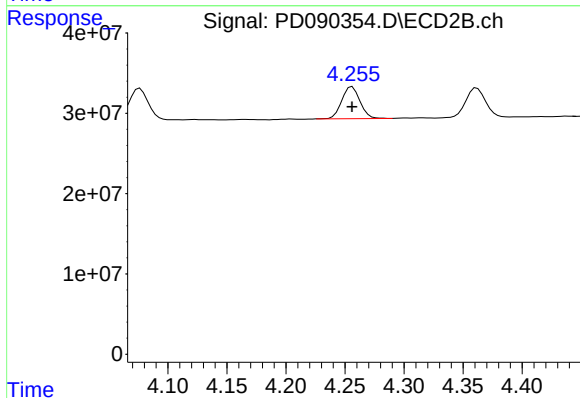
R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 20402006
Conc: 1.36 ng/ml



#7 delta-BHC

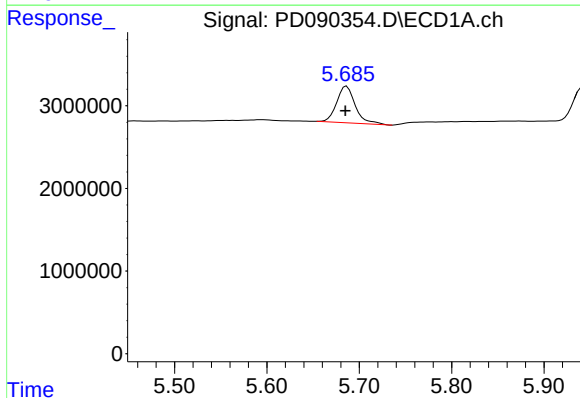
R.T.: 4.764 min
Delta R.T.: 0.003 min
Response: 7695226
Conc: 1.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



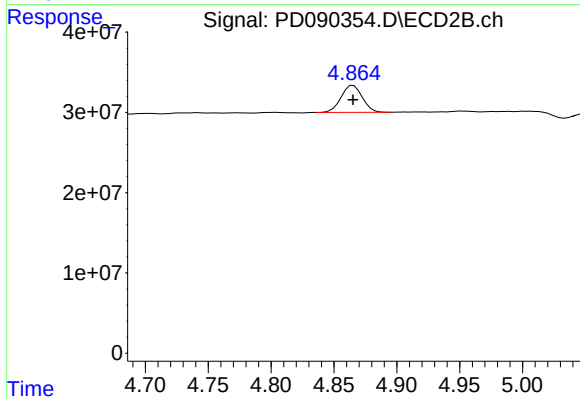
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 43009367
Conc: 1.23 ng/ml



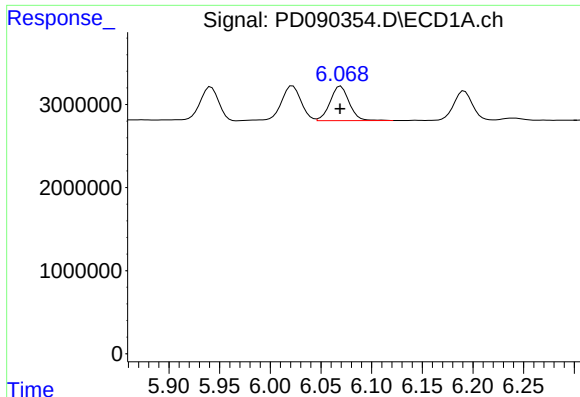
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.001 min
Response: 6221328
Conc: 1.31 ng/ml



#8 Heptachlor epoxide

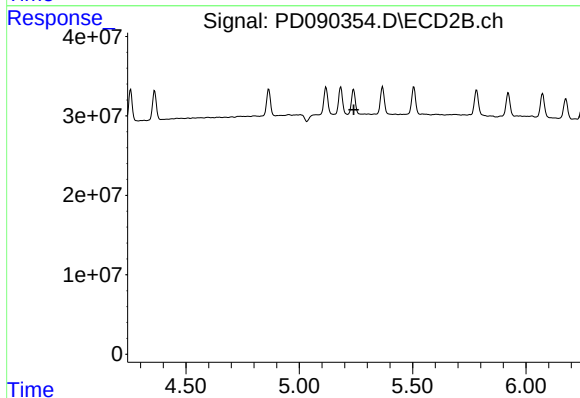
R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 39754378
Conc: 1.28 ng/ml



#9 Endosulfan I

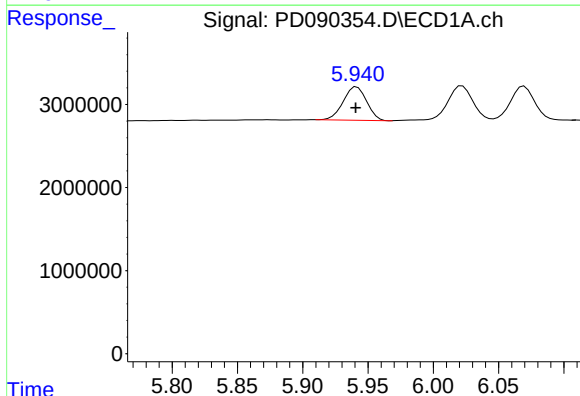
R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 5433032
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



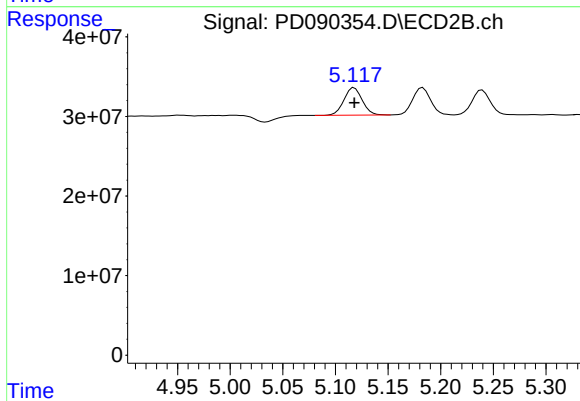
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: -21016723
Conc: N.D.



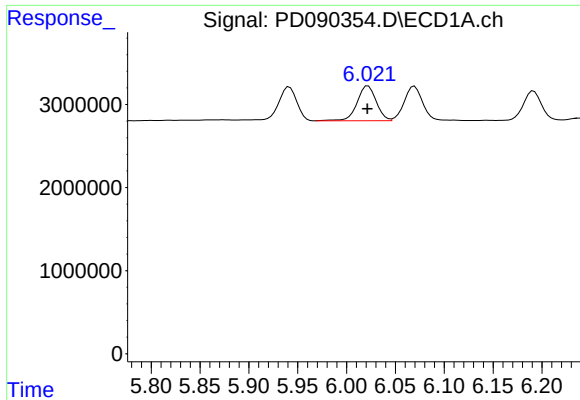
#10 trans-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 5045531
Conc: 1.10 ng/ml



#10 trans-Chlordane

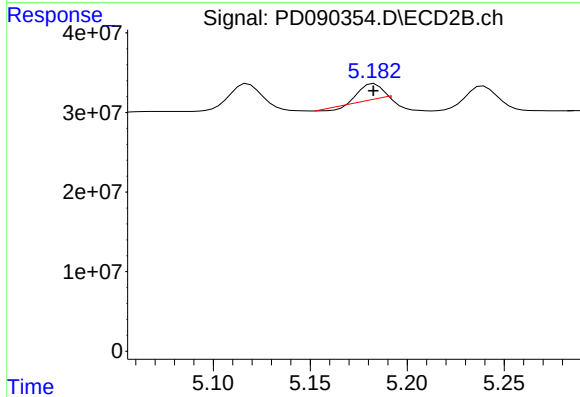
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 41879409
Conc: 1.27 ng/ml



#11 cis-Chlordane

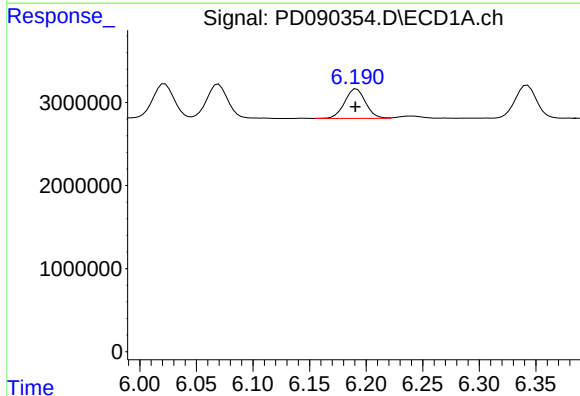
R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 5718180
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



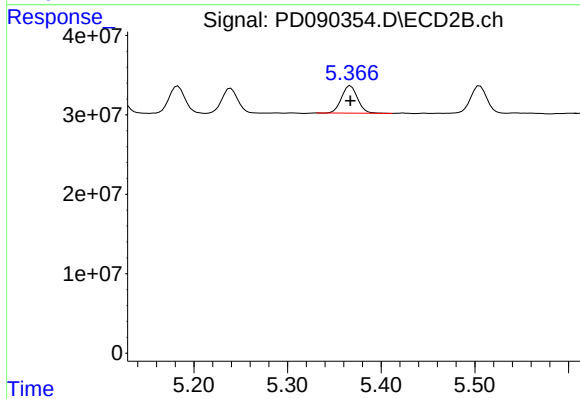
#11 cis-Chlordane

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 13989182
Conc: 0.45 ng/ml



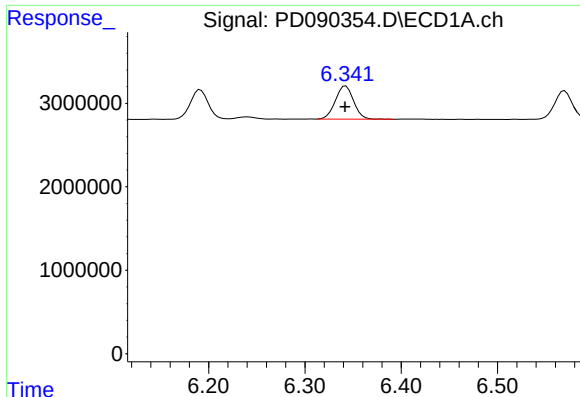
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 4562742
Conc: 1.03 ng/ml



#12 4,4'-DDE

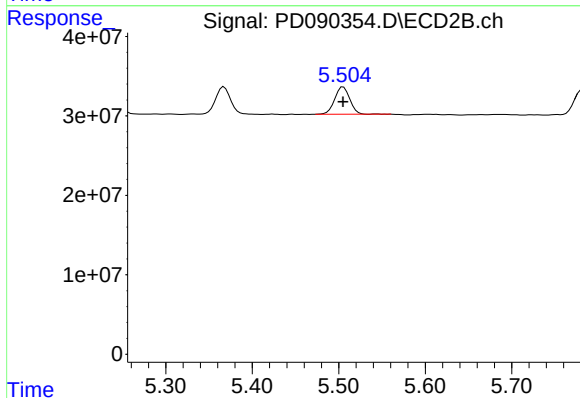
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 41181373
Conc: 1.28 ng/ml



#13 Dieldrin

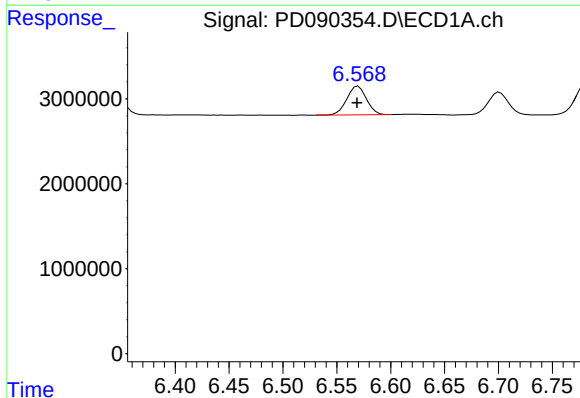
R.T.: 6.343 min
Delta R.T.: 0.001 min
Response: 5230608
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



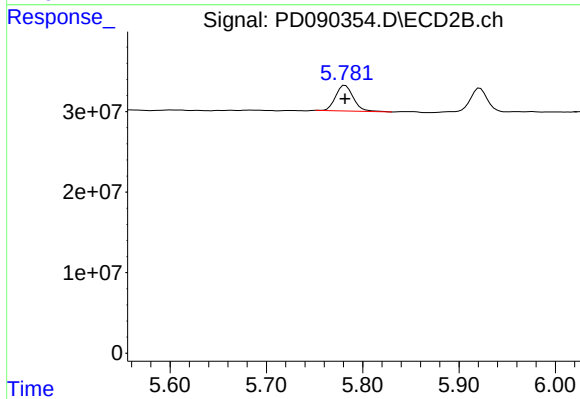
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 41572021
Conc: 1.30 ng/ml



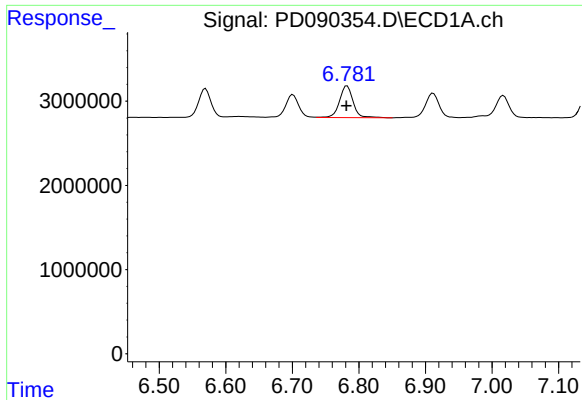
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 4283111
Conc: 1.06 ng/ml



#14 Endrin

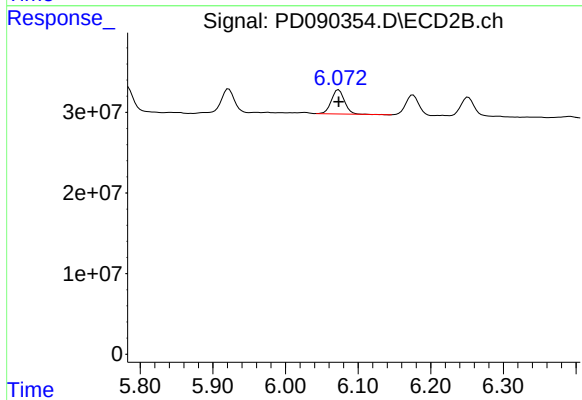
R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 40272080
Conc: 1.35 ng/ml



#15 Endosulfan II

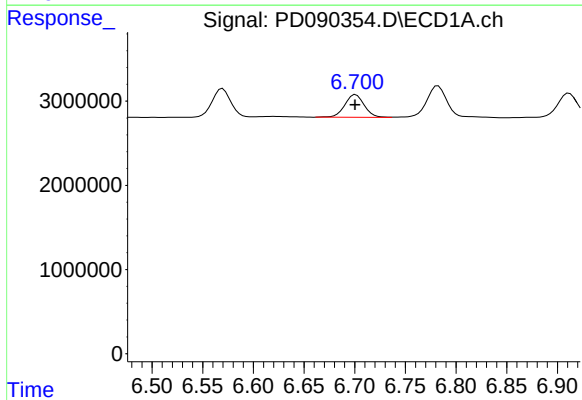
R.T.: 6.782 min
Delta R.T.: 0.001 min
Response: 5327236
Conc: 1.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



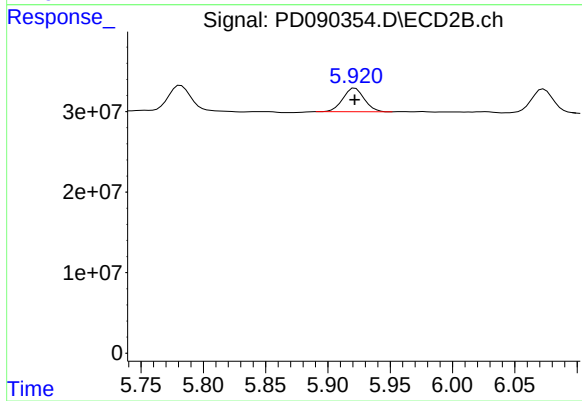
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 37814061
Conc: 1.35 ng/ml



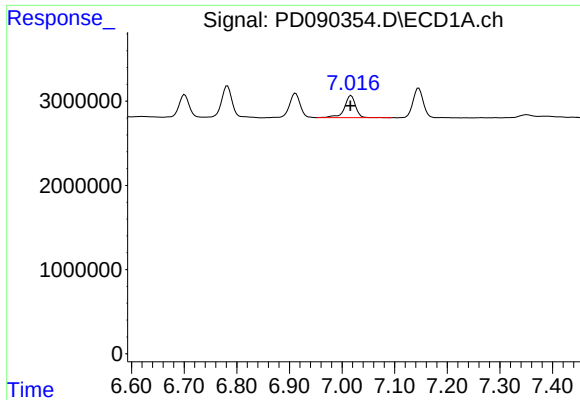
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 3594791
Conc: 1.07 ng/ml



#16 4,4'-DDD

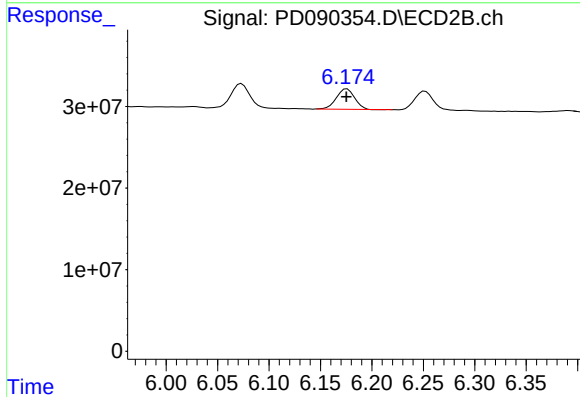
R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 35356989
Conc: 1.34 ng/ml



#17 4,4'-DDT

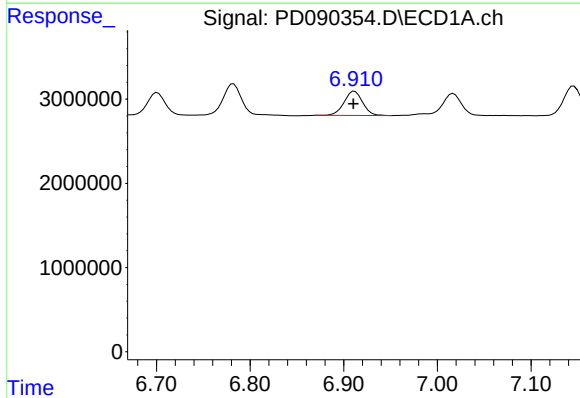
R.T.: 7.017 min
Delta R.T.: 0.001 min
Response: 3876978
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



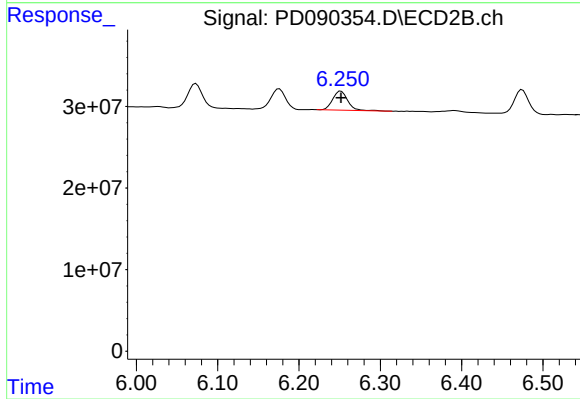
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 30739369
Conc: 1.13 ng/ml



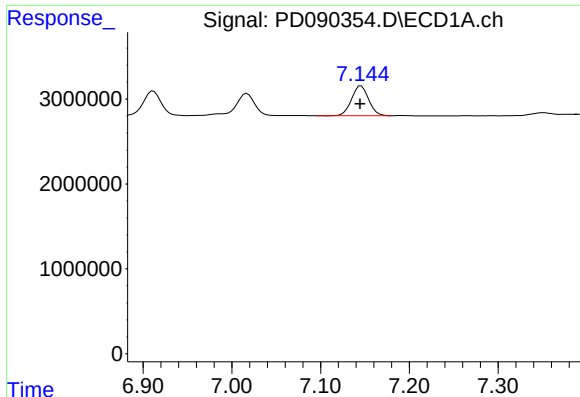
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 3990802
Conc: 1.26 ng/ml



#18 Endrin aldehyde

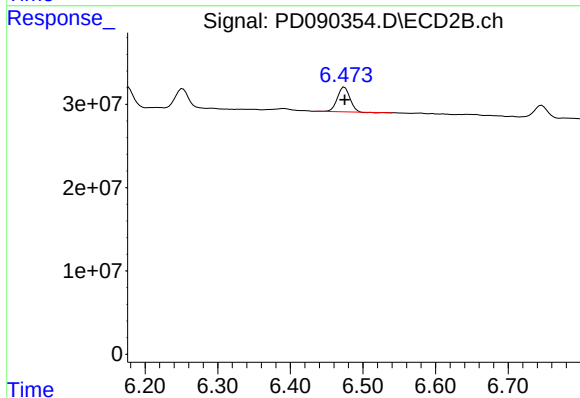
R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 29743516
Conc: 1.38 ng/ml



#19 Endosulfan Sulfate

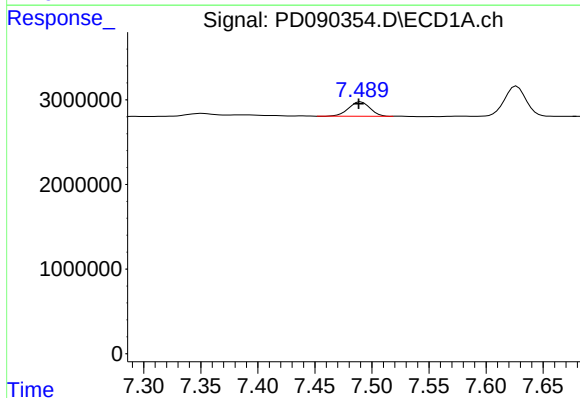
R.T.: 7.146 min
Delta R.T.: 0.001 min
Response: 4705023
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



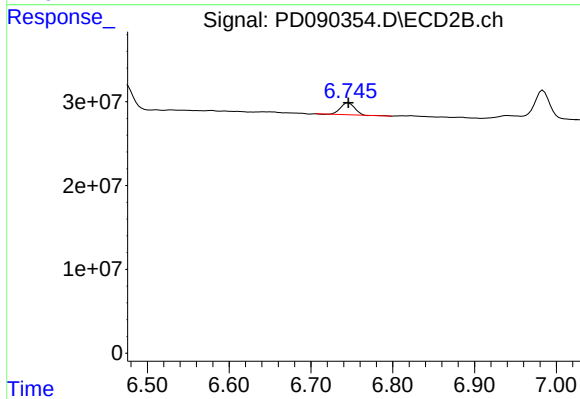
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 35128869
Conc: 1.31 ng/ml



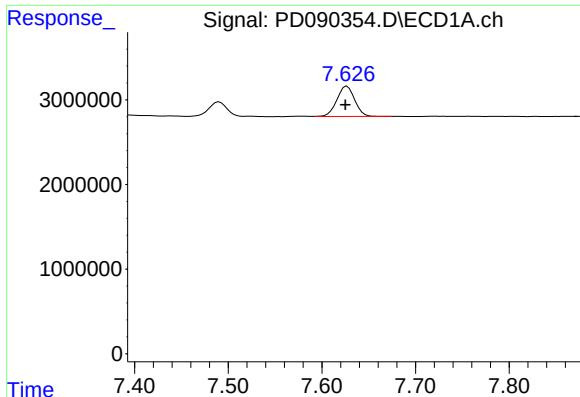
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.002 min
Response: 2208521
Conc: 1.19 ng/ml



#20 Methoxychlor

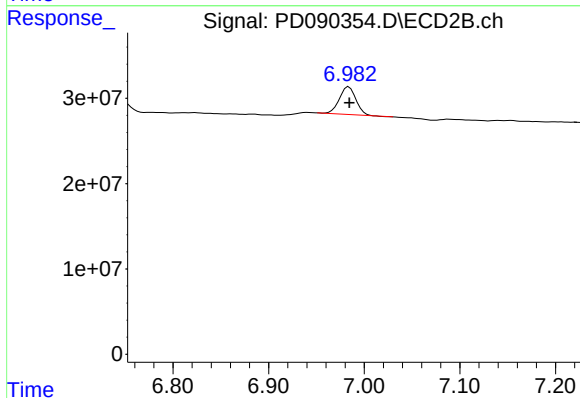
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 16748055
Conc: 1.40 ng/ml



#21 Endrin ketone

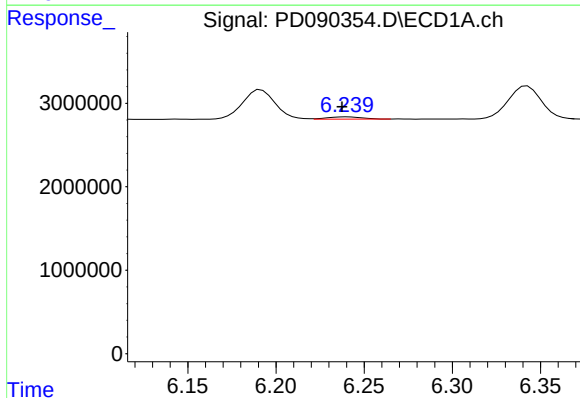
R.T.: 7.627 min
Delta R.T.: 0.002 min
Response: 4763388
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



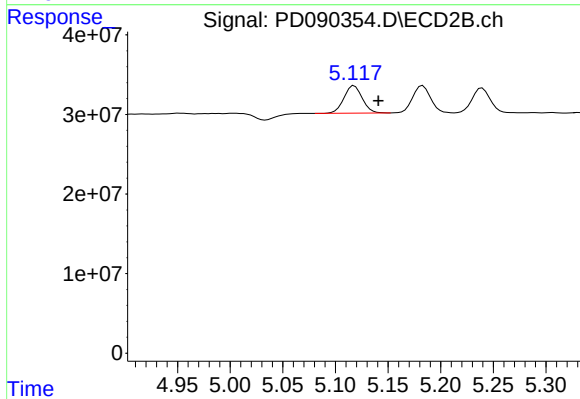
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 38590464
Conc: 1.36 ng/ml



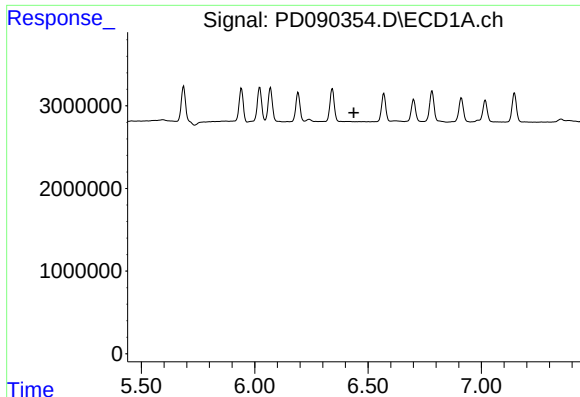
#22 Toxaphene-1

R.T.: 6.240 min
Delta R.T.: 0.003 min
Response: 362473
Conc: 11.55 ng/ml



#22 Toxaphene-1

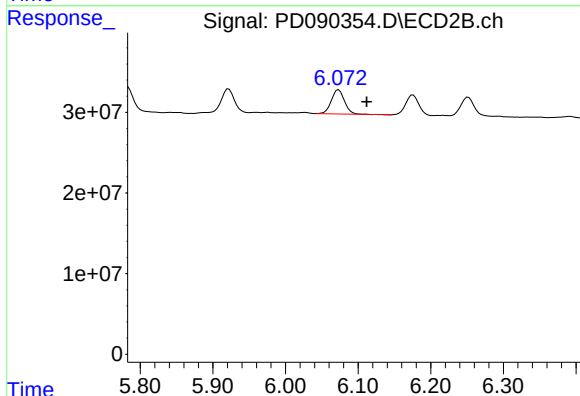
R.T.: 5.118 min
Delta R.T.: -0.023 min
Response: 41879409
Conc: 238.18 ng/ml



#23 Toxaphene-2

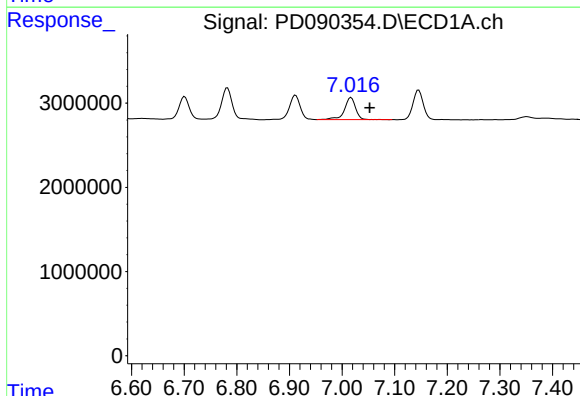
R.T.: 0.000 min
Exp R.T.: 6.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



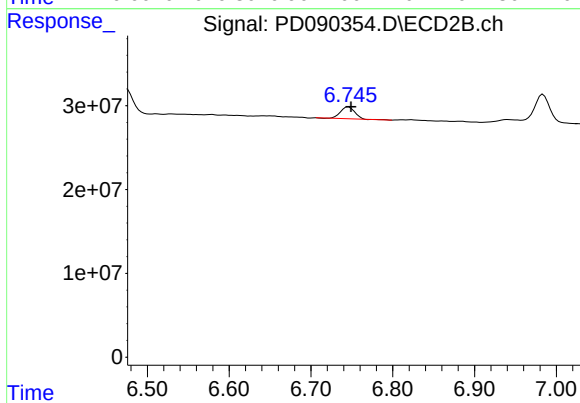
#23 Toxaphene-2

R.T.: 6.073 min
Delta R.T.: -0.038 min
Response: 37814061
Conc: 195.32 ng/ml



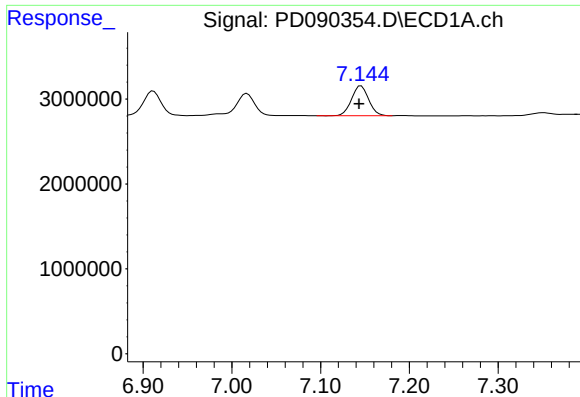
#24 Toxaphene-3

R.T.: 7.017 min
Delta R.T.: -0.036 min
Response: 3876978
Conc: 33.50 ng/ml



#24 Toxaphene-3

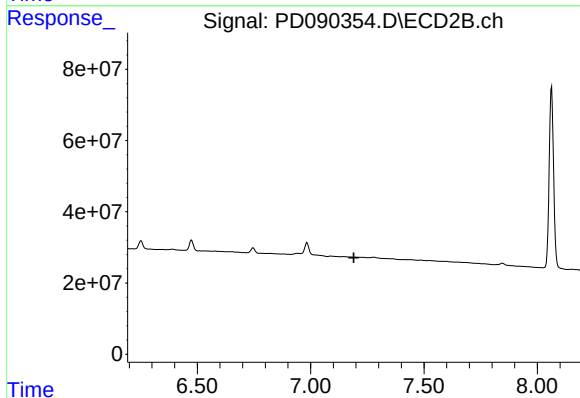
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 16748055
Conc: 27.82 ng/ml



#25 Toxaphene-4

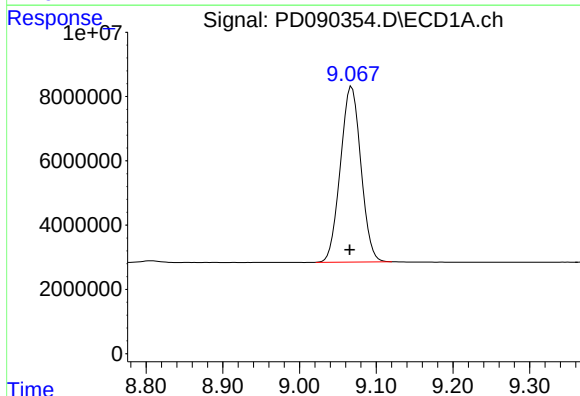
R.T.: 7.146 min
Delta R.T.: 0.003 min
Response: 4705023
Conc: 55.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-QT3-2025-05



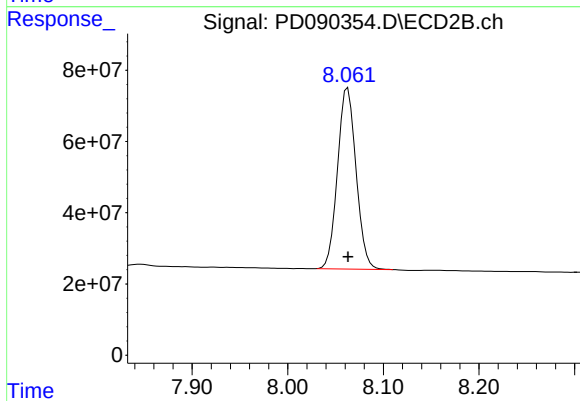
#25 Toxaphene-4

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



#27 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.003 min
Response: 101773767
Conc: 25.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 685850990
Conc: 27.68 ng/ml