

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
 Data File : PL090819.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2024 14:05
 Operator : AR\AJ
 Sample : P3390-09
 Misc : PEST MDL 1PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:15:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.548	2.784	40582702	34139646	20.960	19.748
28)	SA Decachlor...	9.062	7.929	31681822	34559864	22.051	20.705
Target Compounds							
2)	A alpha-BHC	4.003	3.287	3314871	2594735	1.200	1.053
3)	MA gamma-BHC...	4.335	3.617	2735283	2707218	1.040	1.156
4)	MA Heptachlor	4.925	3.958	8959649	2359889	3.623	1.018 #
5)	MB Aldrin	5.266	4.238	3366424	2742201	1.400	1.237
6)	B beta-BHC	4.532	3.917	1599374	1360931	1.270	1.280
7)	B delta-BHC	4.779	4.146	4760796	2333843	1.902	1.044 #
8)	B Heptachlo...	5.692	4.741	5868906	2218910	2.583	1.089 #
9)	A Endosulfan I	6.077	5.112	3234084	2865359	1.543	1.484
10)	B gamma-Chl...	5.948	4.992	3104534	2475930	1.374	1.159
11)	B alpha-Chl...	6.027	5.056	2937864	2412113	1.312	1.131
12)	B 4,4'-DDE	6.200	5.245	2666910	1966568	1.345	1.048
13)	MA Dieldrin	6.352	5.375	3022204	2694351	1.378	1.305
14)	MA Endrin	6.581	5.652	2024359	2856988	1.105	1.564 #
15)	B Endosulfa...	6.800	5.945	4523978	1864800	2.256	1.027 #
16)	A 4,4'-DDD	6.716	5.799	2280548	1588813	1.383	1.024 #
17)	MA 4,4'-DDT	7.029	6.051	2719843	1804327	1.526	1.088 #
18)	B Endrin al...	6.931	6.125	2235125	1899897	1.484	1.342
19)	B Endosulfa...	7.164	6.348	2567707	2148318	1.432	1.231
20)	A Methoxychlor	0.000	6.626	0	902448	N.D.	0.978 #
21)	B Endrin ke...	7.649	6.853	3157336	2184758	1.594	1.102 #
22)	Mirex	8.123	7.036	2437282	2236252	1.568	1.332
23)	Chlordane-1	0.000	3.796	0	162439	N.D.	2.409 #
24)	Chlordane-2	0.000	4.348	0	525024	N.D.	6.312 #
25)	Chlordane-3	5.948	4.992	3104534	2475930	9.441	11.057
26)	Chlordane-4	6.027	5.056	2937864	2412113	7.331	11.274 #

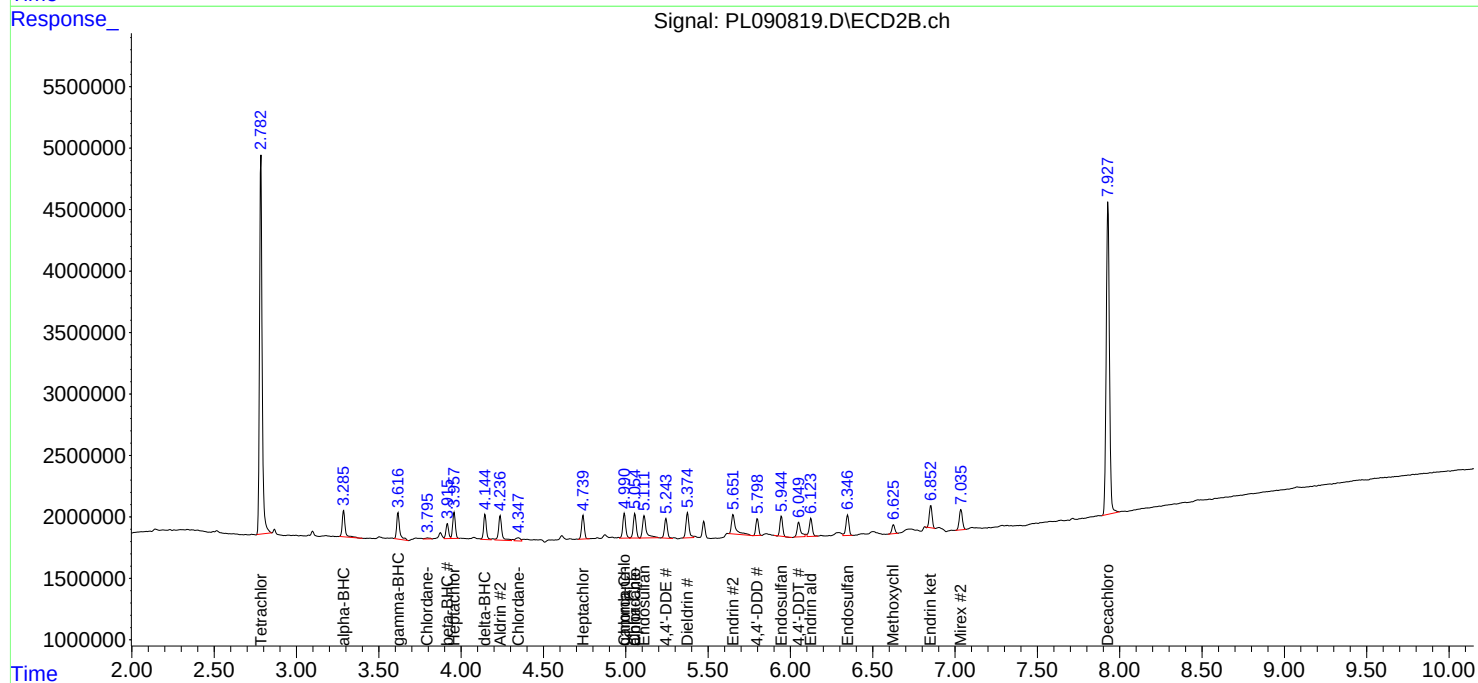
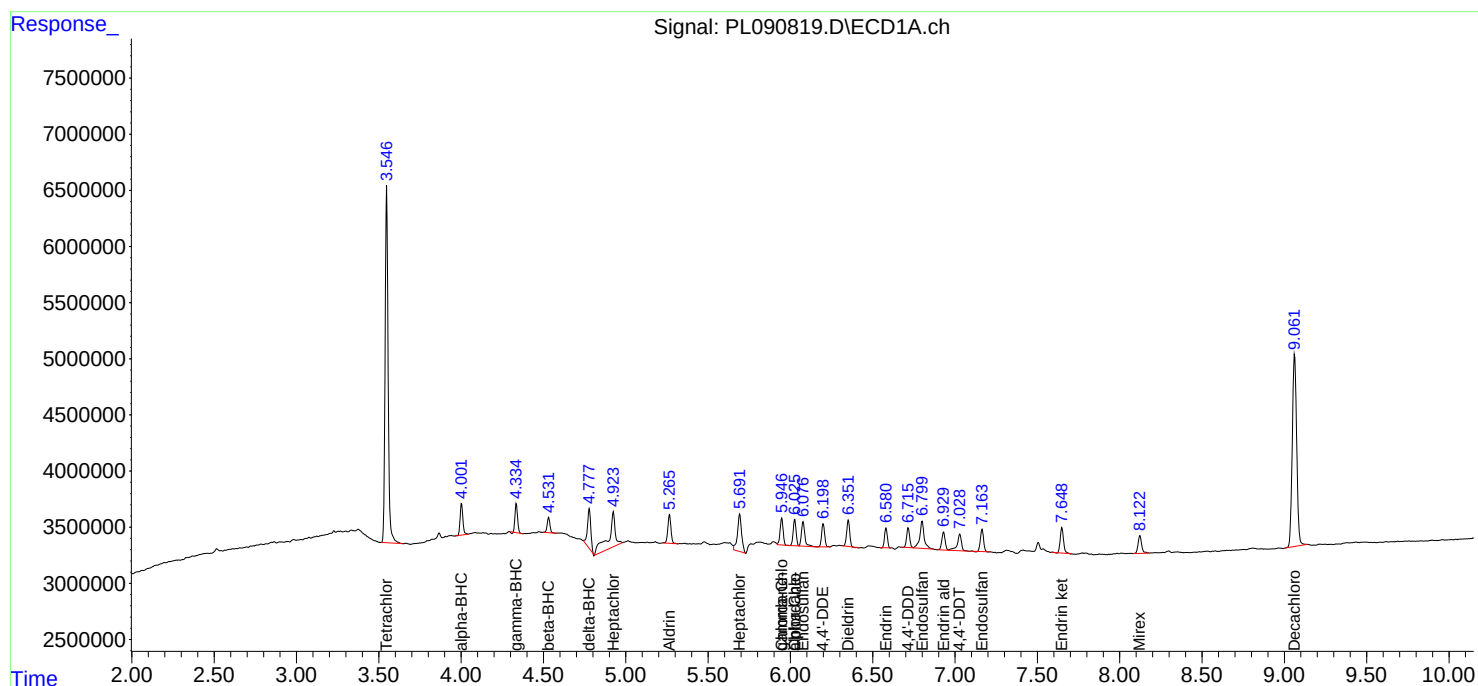
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

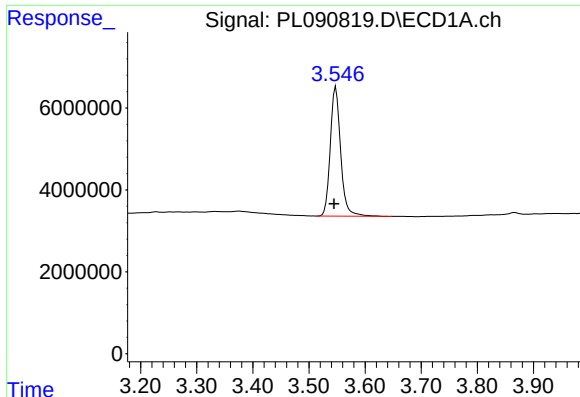
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
Data File : PL090819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2024 14:05
Operator : AR\AJ
Sample : P3390-09
Misc : PEST MDL 1PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 02:15:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

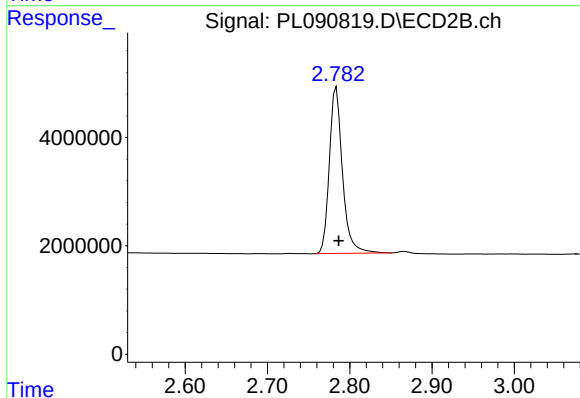




#1 Tetrachloro-m-xylene

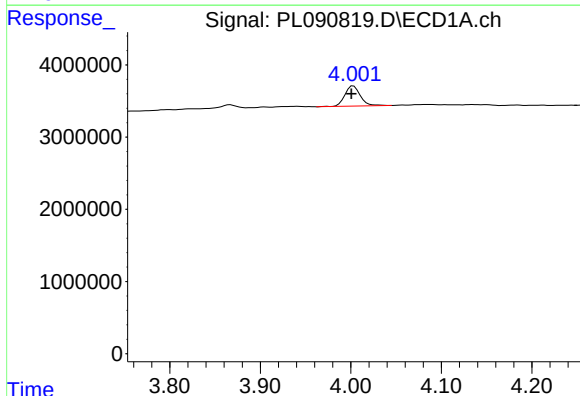
R.T.: 3.548 min
Delta R.T.: 0.003 min
Response: 40582702
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



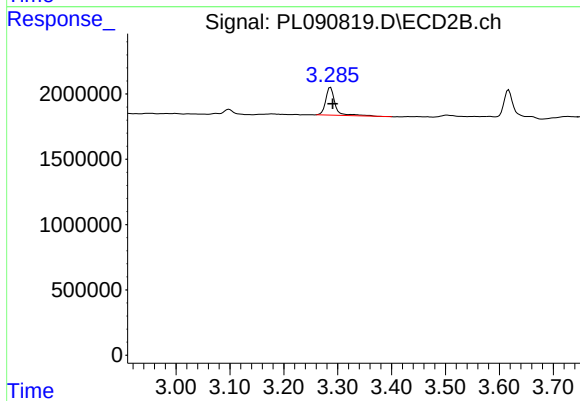
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.003 min
Response: 34139646
Conc: 19.75 ng/ml



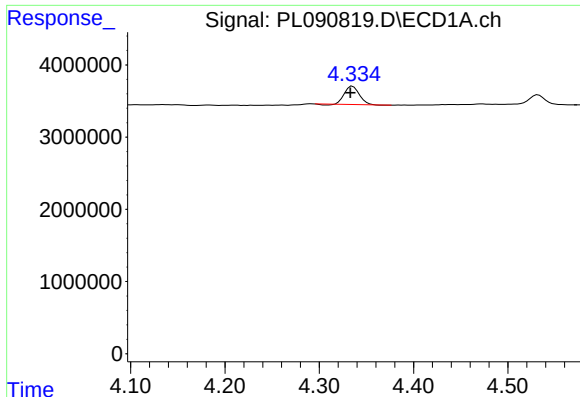
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.002 min
Response: 3314871
Conc: 1.20 ng/ml



#2 alpha-BHC

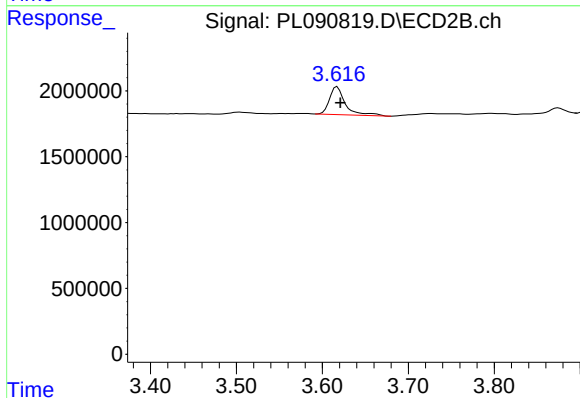
R.T.: 3.287 min
Delta R.T.: -0.004 min
Response: 2594735
Conc: 1.05 ng/ml



#3 gamma-BHC (Lindane)

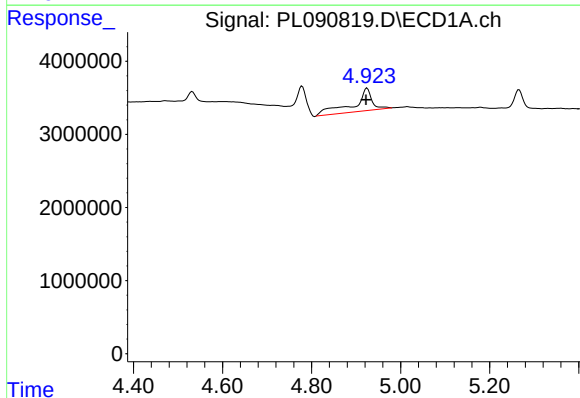
R.T.: 4.335 min
Delta R.T.: 0.002 min
Response: 2735283
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



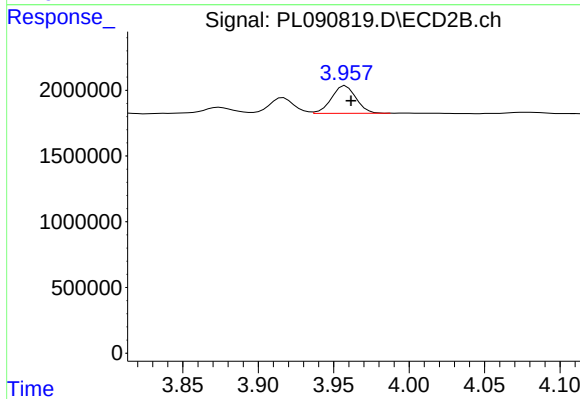
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: -0.004 min
Response: 2707218
Conc: 1.16 ng/ml



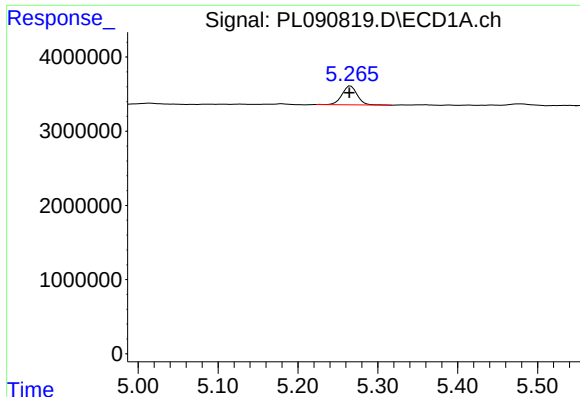
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.002 min
Response: 8959649
Conc: 3.62 ng/ml



#4 Heptachlor

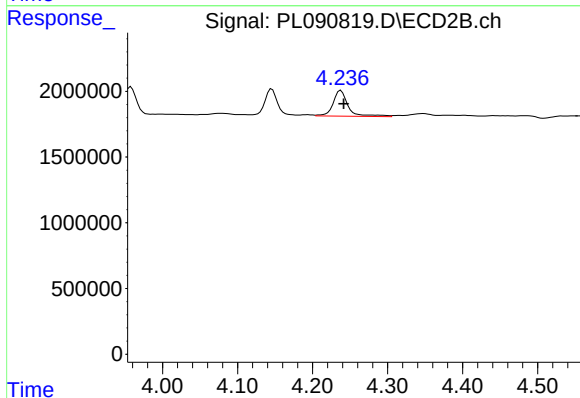
R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 2359889
Conc: 1.02 ng/ml



#5 Aldrin

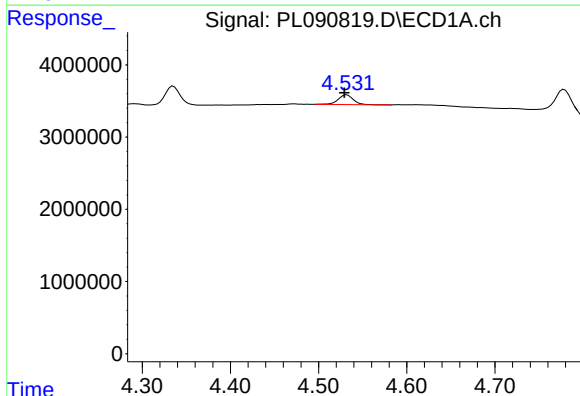
R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 3366424
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



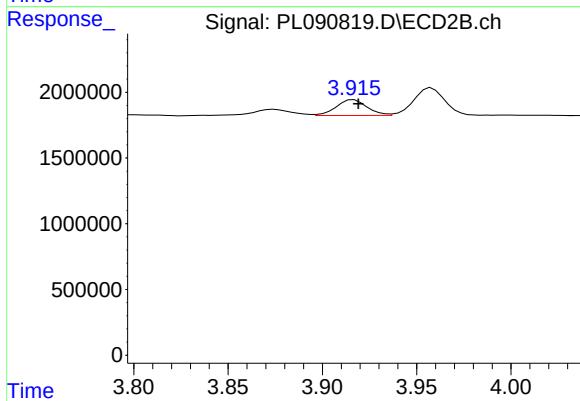
#5 Aldrin

R.T.: 4.238 min
Delta R.T.: -0.004 min
Response: 2742201
Conc: 1.24 ng/ml



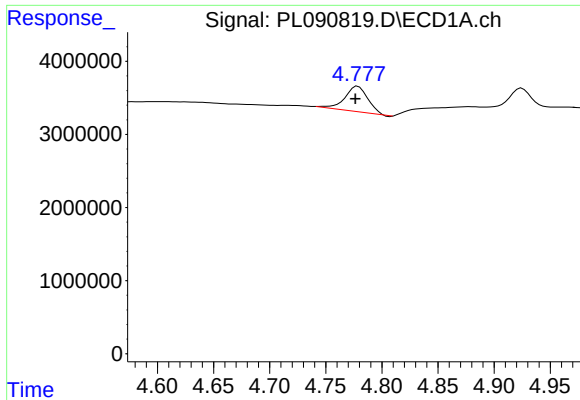
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.003 min
Response: 1599374
Conc: 1.27 ng/ml



#6 beta-BHC

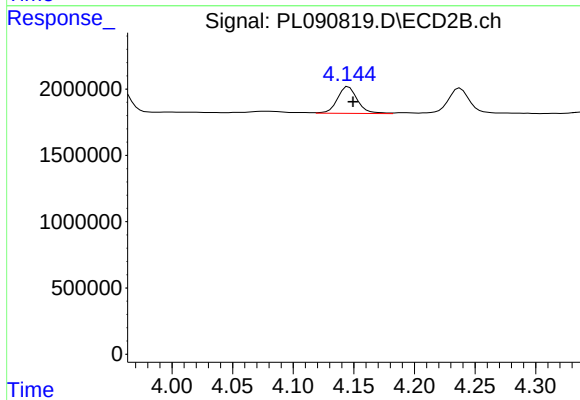
R.T.: 3.917 min
Delta R.T.: -0.002 min
Response: 1360931
Conc: 1.28 ng/ml



#7 delta-BHC

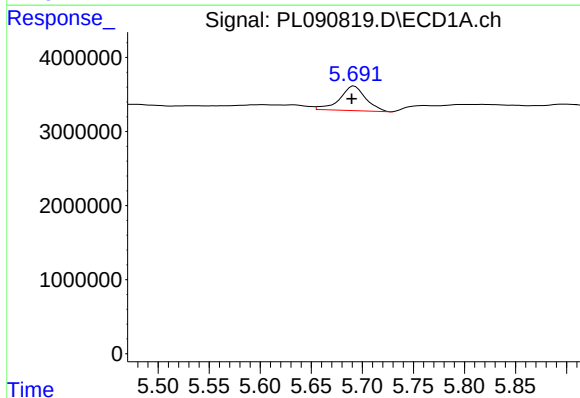
R.T.: 4.779 min
Delta R.T.: 0.002 min
Response: 4760796
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



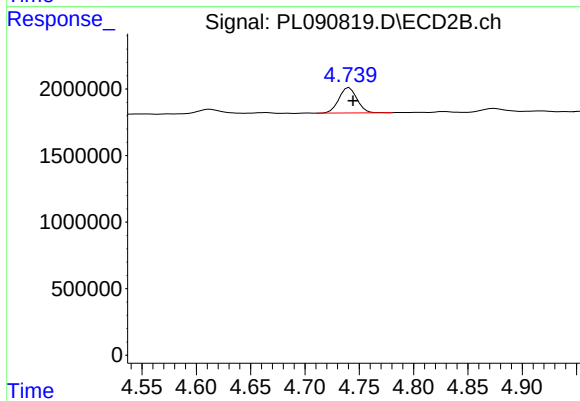
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: -0.004 min
Response: 2333843
Conc: 1.04 ng/ml



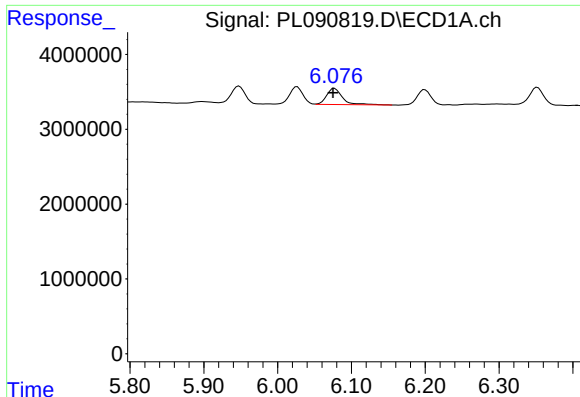
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.003 min
Response: 5868906
Conc: 2.58 ng/ml



#8 Heptachlor epoxide

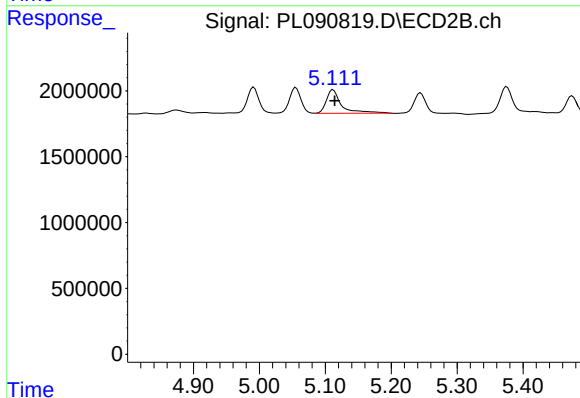
R.T.: 4.741 min
Delta R.T.: -0.004 min
Response: 2218910
Conc: 1.09 ng/ml



#9 Endosulfan I

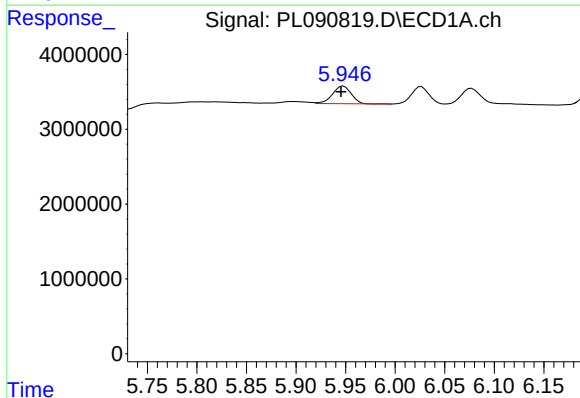
R.T.: 6.077 min
Delta R.T.: 0.002 min
Response: 3234084
Conc: 1.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



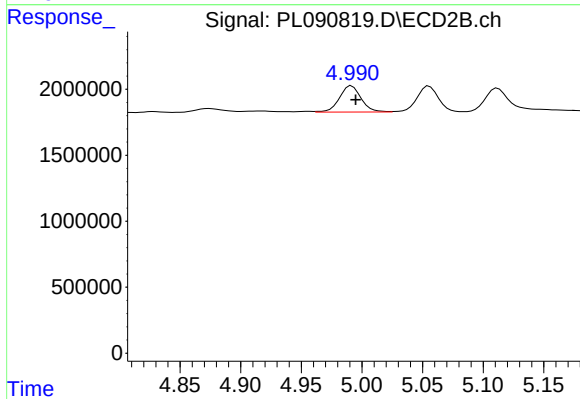
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 2865359
Conc: 1.48 ng/ml



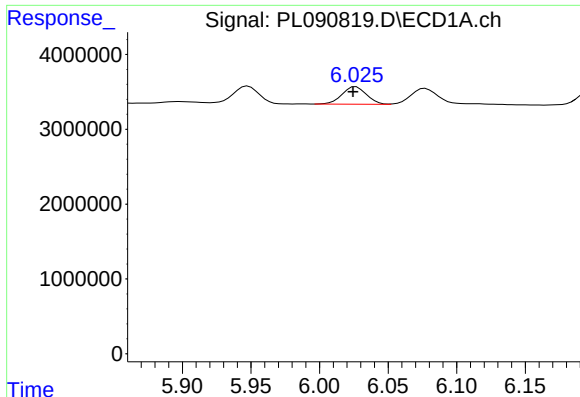
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.003 min
Response: 3104534
Conc: 1.37 ng/ml



#10 gamma-Chlordane

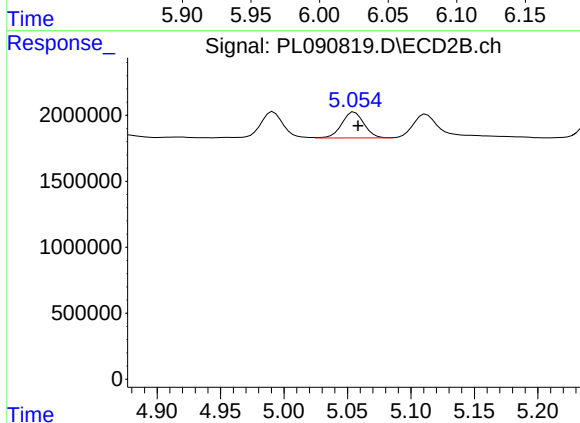
R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 2475930
Conc: 1.16 ng/ml



#11 alpha-Chlordane

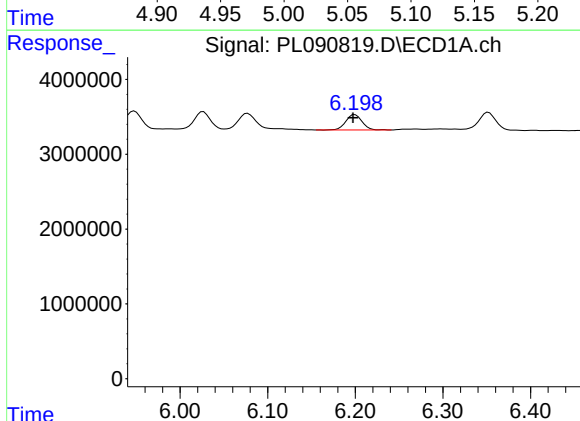
R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 2937864
Conc: 1.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



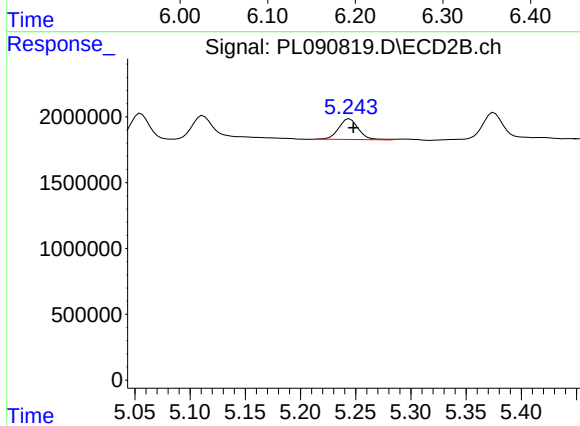
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.003 min
Response: 2412113
Conc: 1.13 ng/ml



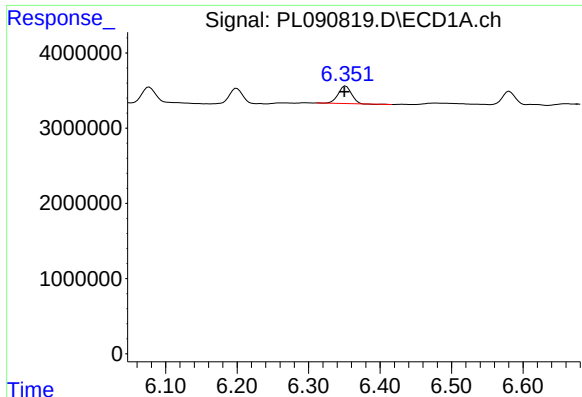
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.002 min
Response: 2666910
Conc: 1.35 ng/ml



#12 4,4'-DDE

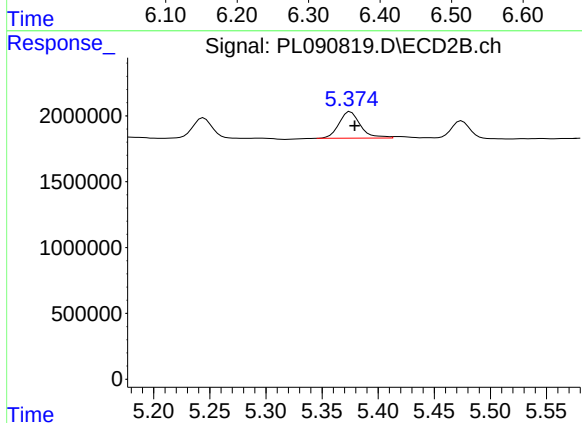
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 1966568
Conc: 1.05 ng/ml



#13 Dieldrin

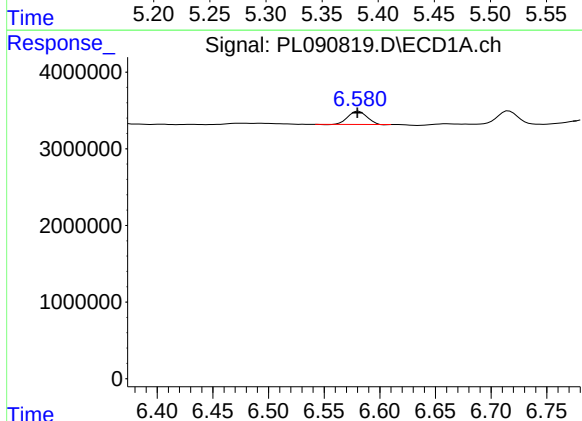
R.T.: 6.352 min
Delta R.T.: 0.002 min
Response: 3022204
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



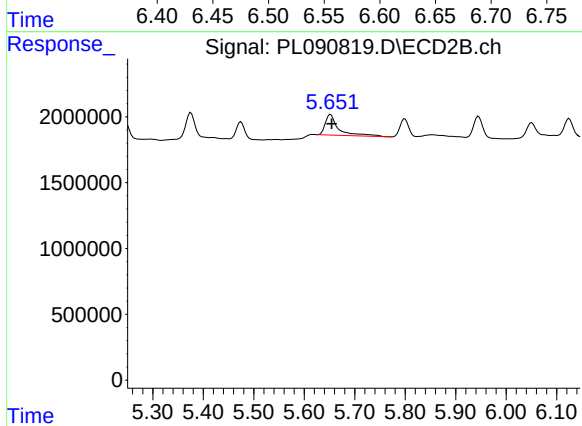
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 2694351
Conc: 1.30 ng/ml



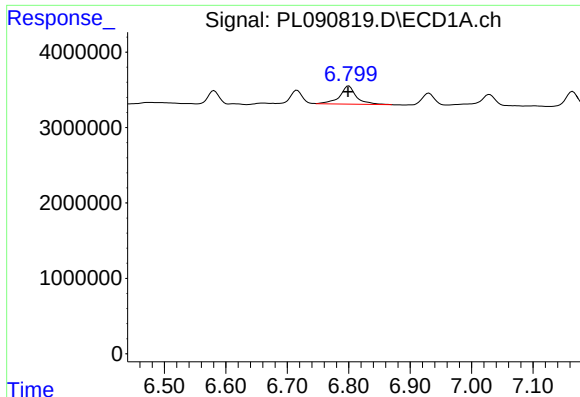
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.001 min
Response: 2024359
Conc: 1.11 ng/ml



#14 Endrin

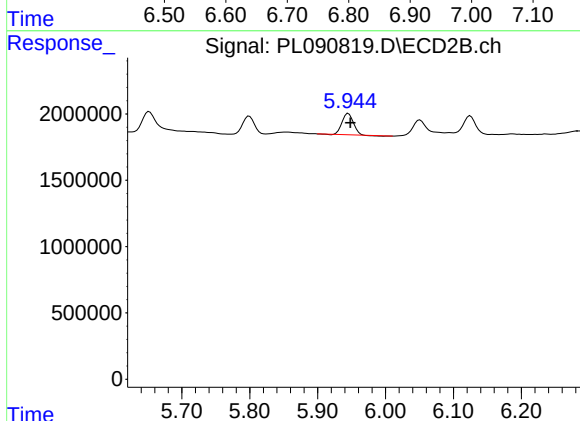
R.T.: 5.652 min
Delta R.T.: -0.002 min
Response: 2856988
Conc: 1.56 ng/ml



#15 Endosulfan II

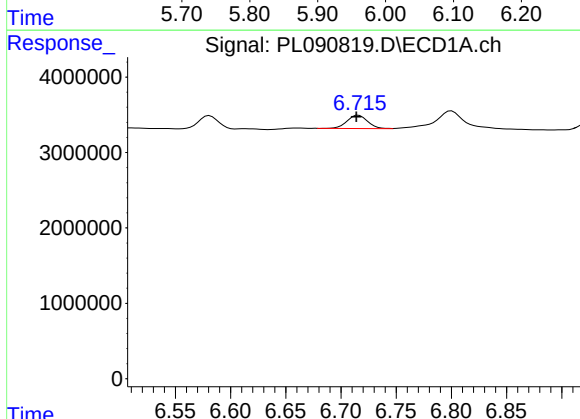
R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 4523978
Conc: 2.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



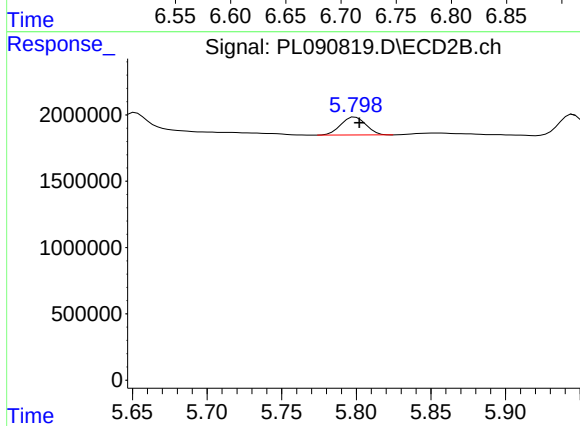
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 1864800
Conc: 1.03 ng/ml



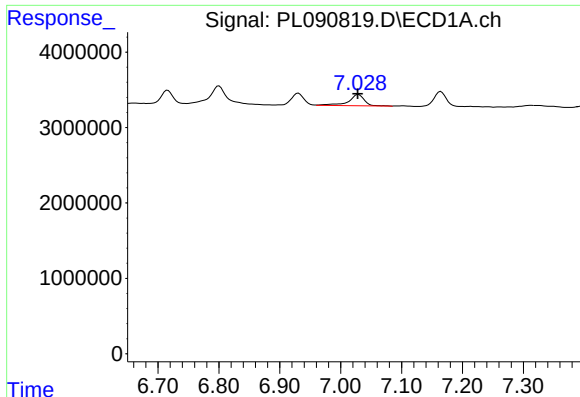
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 2280548
Conc: 1.38 ng/ml



#16 4,4'-DDD

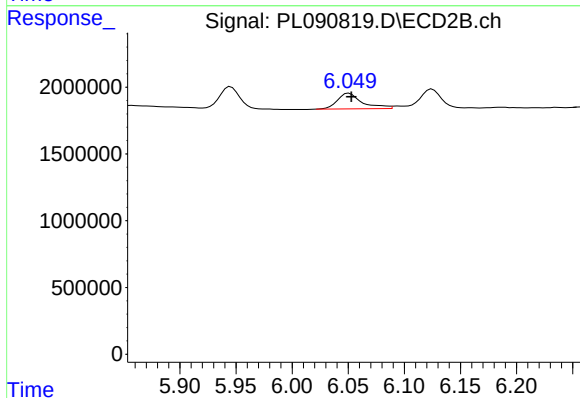
R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 1588813
Conc: 1.02 ng/ml



#17 4,4'-DDT

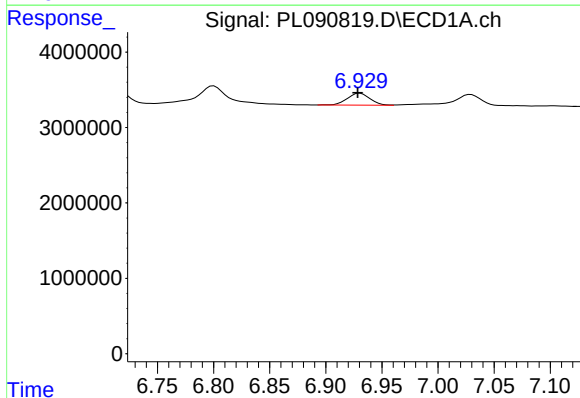
R.T.: 7.029 min
Delta R.T.: 0.000 min
Response: 2719843
Conc: 1.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



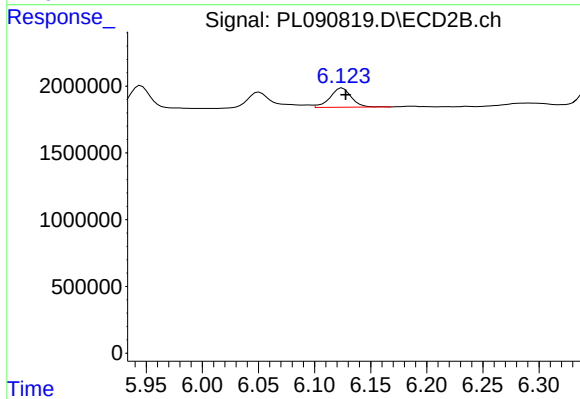
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 1804327
Conc: 1.09 ng/ml



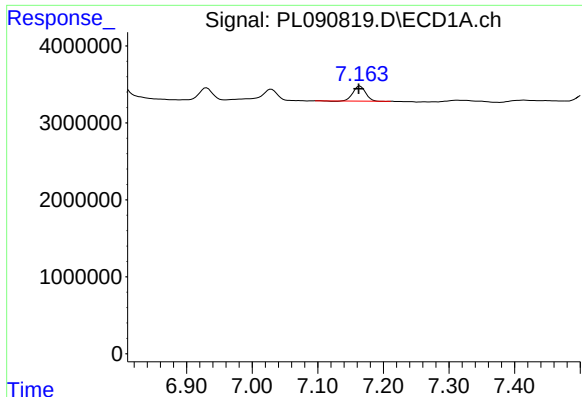
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.002 min
Response: 2235125
Conc: 1.48 ng/ml



#18 Endrin aldehyde

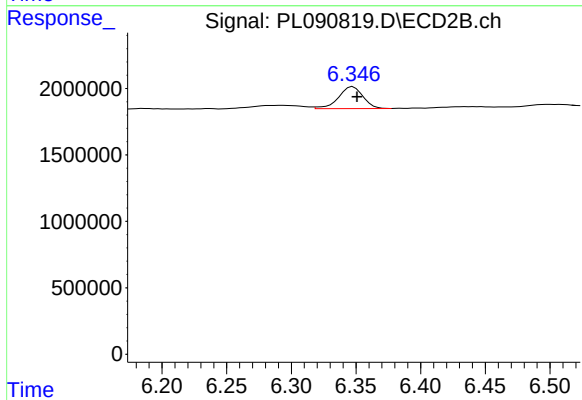
R.T.: 6.125 min
Delta R.T.: -0.003 min
Response: 1899897
Conc: 1.34 ng/ml



#19 Endosulfan Sulfate

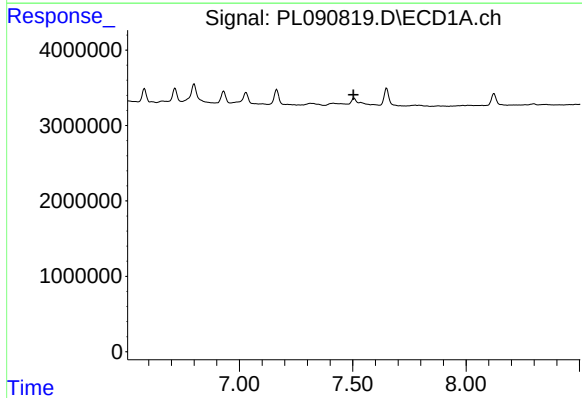
R.T.: 7.164 min
Delta R.T.: 0.002 min
Response: 2567707
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



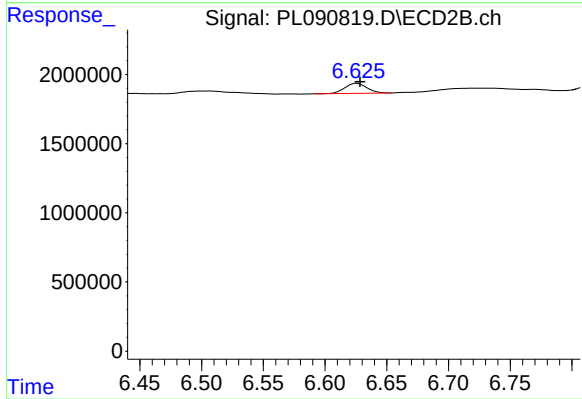
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 2148318
Conc: 1.23 ng/ml



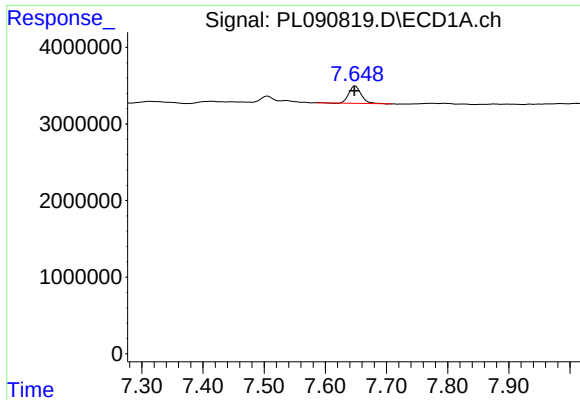
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.504 min
Response: 0
Conc: N.D.



#20 Methoxychlor

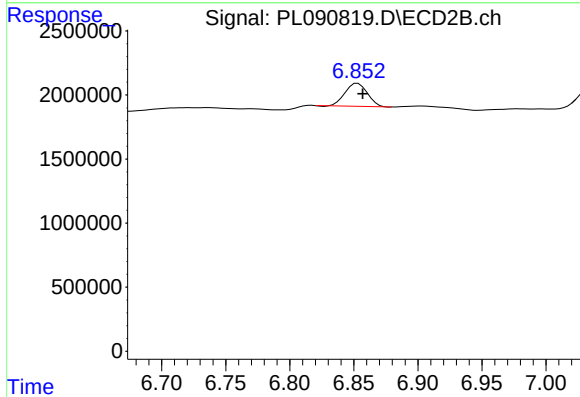
R.T.: 6.626 min
Delta R.T.: -0.002 min
Response: 902448
Conc: 0.98 ng/ml



#21 Endrin ketone

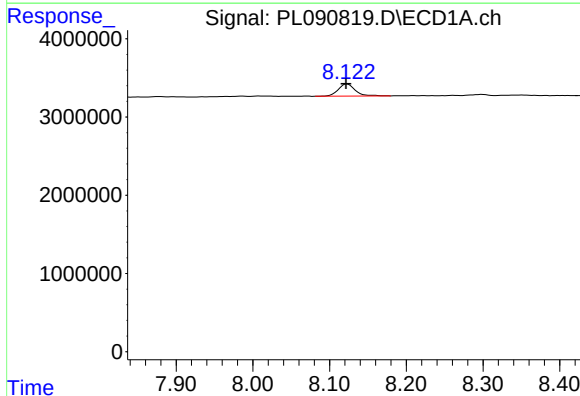
R.T.: 7.649 min
Delta R.T.: 0.002 min
Response: 3157336
Conc: 1.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



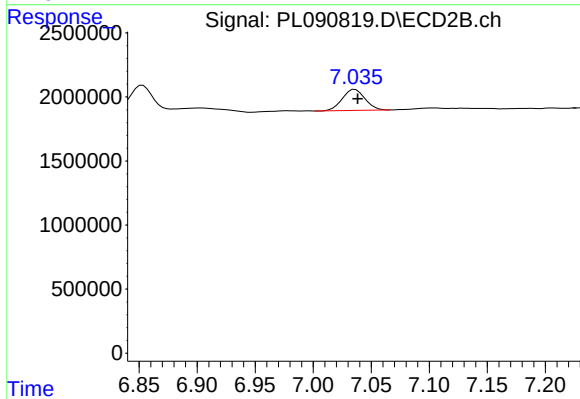
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 2184758
Conc: 1.10 ng/ml



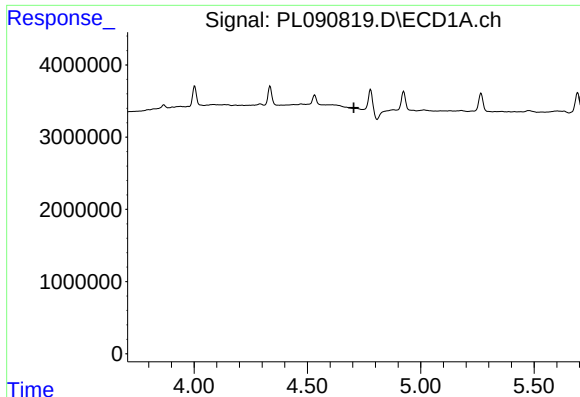
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.002 min
Response: 2437282
Conc: 1.57 ng/ml



#22 Mirex

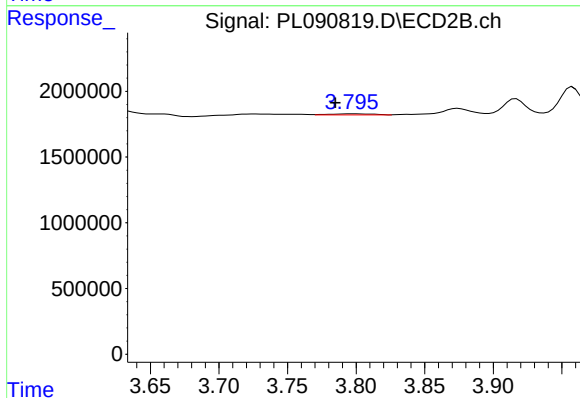
R.T.: 7.036 min
Delta R.T.: -0.002 min
Response: 2236252
Conc: 1.33 ng/ml



#23 Chlordane-1

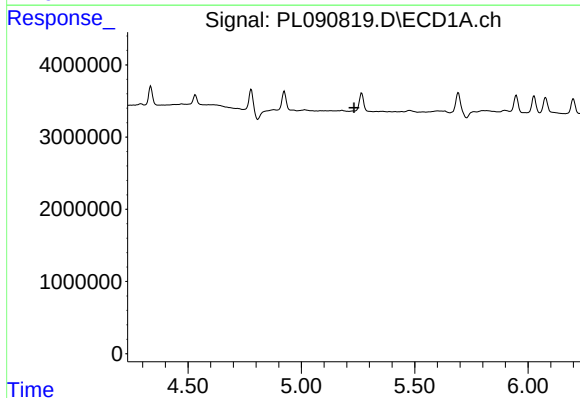
R.T.: 0.000 min
Exp R.T.: 4.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



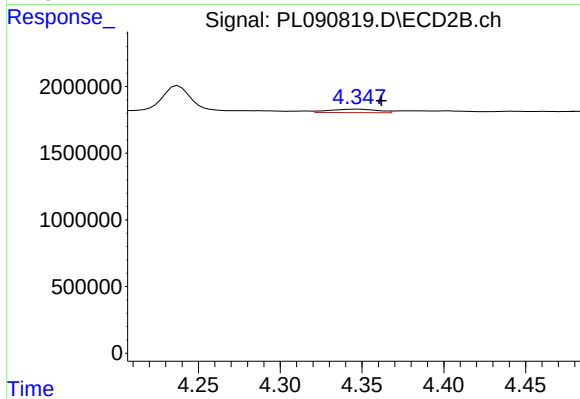
#23 Chlordane-1

R.T.: 3.796 min
Delta R.T.: 0.011 min
Response: 162439
Conc: 2.41 ng/ml



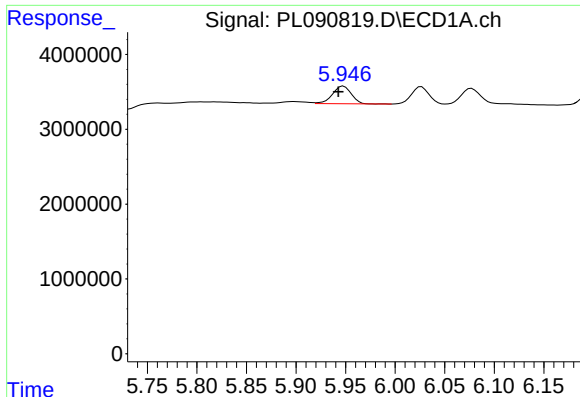
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.233 min
Response: 0
Conc: N.D.



#24 Chlordane-2

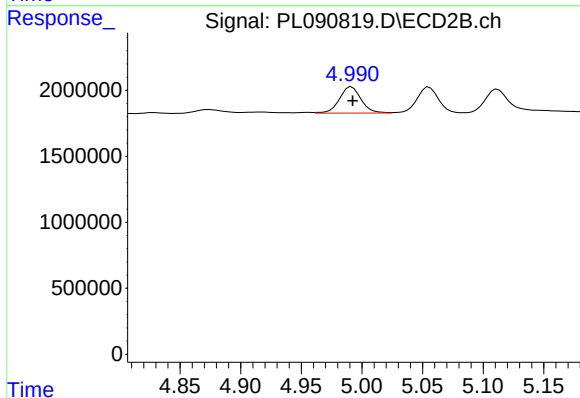
R.T.: 4.348 min
Delta R.T.: -0.014 min
Response: 525024
Conc: 6.31 ng/ml



#25 Chlordane-3

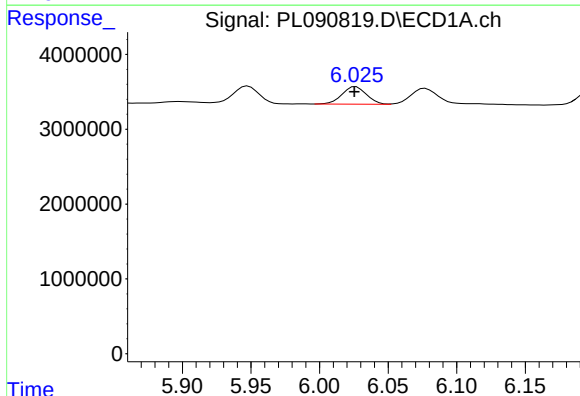
R.T.: 5.948 min
Delta R.T.: 0.005 min
Response: 3104534
Conc: 9.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



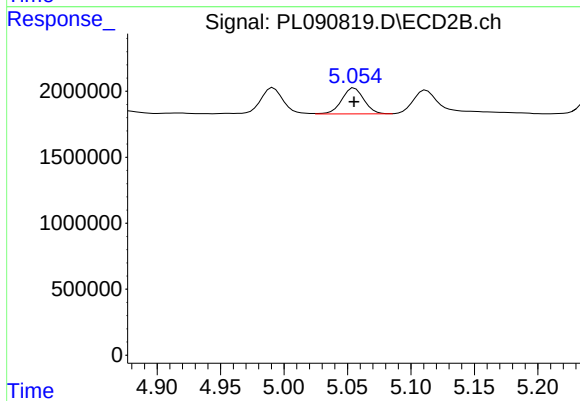
#25 Chlordane-3

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 2475930
Conc: 11.06 ng/ml



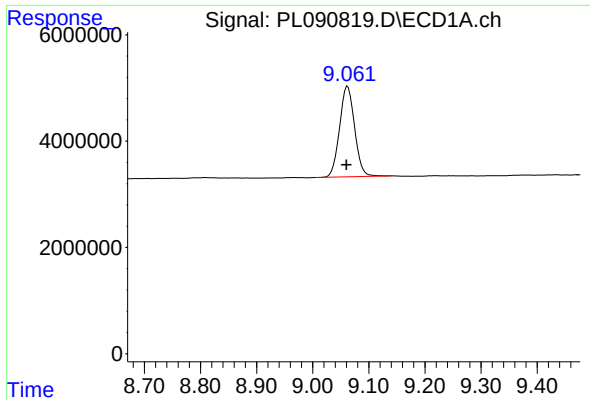
#26 Chlordane-4

R.T.: 6.027 min
Delta R.T.: 0.001 min
Response: 2937864
Conc: 7.33 ng/ml



#26 Chlordane-4

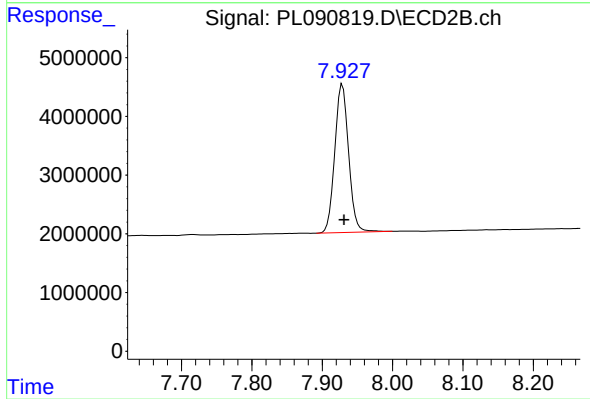
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 2412113
Conc: 11.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 31681822
Conc: 22.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.003 min
Response: 34559864
Conc: 20.70 ng/ml