

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072219\
 Data File : PL050678.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2019 12:33
 Operator : SM\AJ
 Sample : K3591-09
 Misc : MDL 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:17:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 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...	3.320	3.931	233.6E6	65031504	23.247	22.792
28)	SA Decachlor...	7.982	8.963	262.3E6	68908453	25.903	24.367
Target Compounds							
2)	A alpha-BHC	3.747	4.318	16759856	3638480	1.000	0.882
3)	MA gamma-BHC...	4.023	4.601	14237547	3324014	0.926	0.858
4)	MA Heptachlor	4.307	5.103	16437000	4536468	1.002	1.094
5)	MB Aldrin	4.545	5.406	16454267	3757664	1.062	0.997
6)	B beta-BHC	4.277	4.783	7132640	-661080	1.088	N.D. #
7)	B delta-BHC	4.470	4.990	13903250	4260441	0.847	1.102 #
8)	B Heptachlo...	4.981	5.795	14670362	6698423	0.993	1.751 #
9)	A Endosulfan I	5.311	6.147	19408569	3602093	1.334	1.047
10)	B gamma-Chl...	5.203	6.026	26634720	3120066	1.688	0.844 #
11)	B alpha-Chl...	5.259	6.098	22096698	3665850	1.448	1.000 #
12)	B 4,4'-DDE	5.426	6.258	15353866	3545817	1.025	0.984
13)	MA Dieldrin	5.550	6.404	16789136	3603237	1.083	1.018
14)	MA Endrin	5.802	6.621	30553034	2467998	2.076	0.796 #
15)	B Endosulfa...	6.078	6.833	17018588	6314855	1.216	1.986 #
16)	A 4,4'-DDD	5.937	0.000	11703711	0	0.977	N.D. #
17)	MA 4,4'-DDT	6.171	0.000	11267676	0	0.910	N.D. #
18)	B Endrin al...	6.245	0.000	12316850	0	1.068	N.D. #
19)	B Endosulfa...	6.456	7.180	14858990	3278055	1.166	1.135
21)	B Endrin ke...	6.937	0.000	13905574	0	1.017	N.D. #
22)	Mirex	7.111	0.000	10452565	0	1.066	N.D. #
24)	Chlordane-2	0.000	5.406f	0	3757664	N.D.	31.993 #
25)	Chlordane-3	5.203	6.026	26634720	3120066	19.028	6.487 #
26)	Chlordane-4	5.259	6.098	22096698	3665850	16.753	6.310 #
27)	Chlordane-5	6.078	0.000	17018588	0	33.505	N.D. #

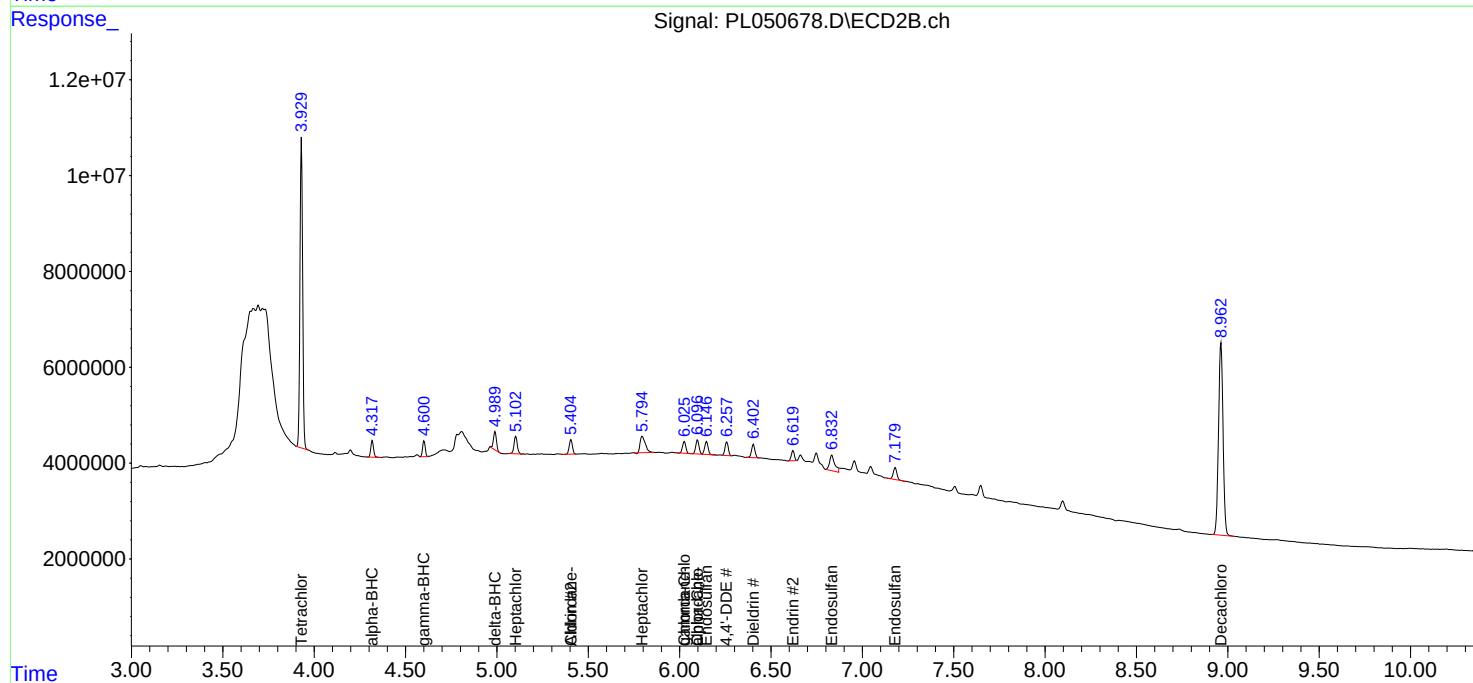
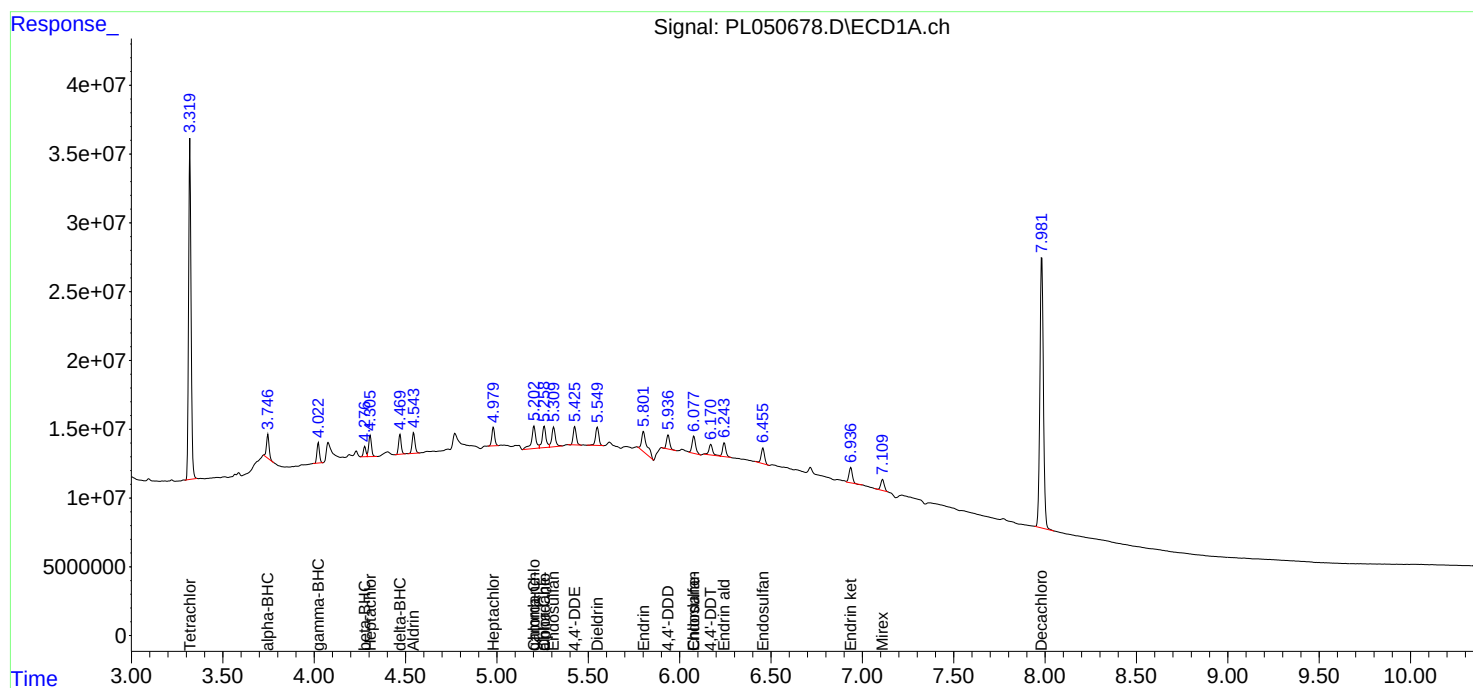
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

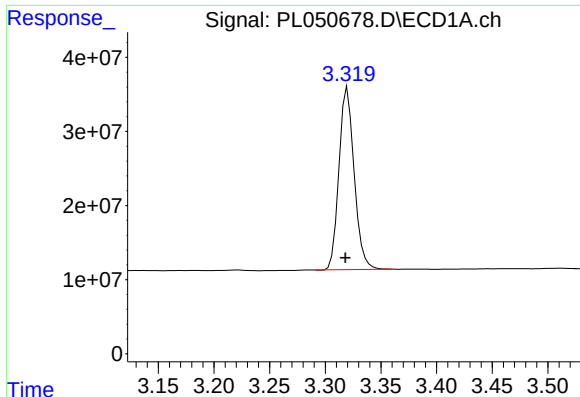
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072219\
Data File : PL050678.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2019 12:33
Operator : SM\AJ
Sample : K3591-09
Misc : MDL 1 PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:17:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 01:19:13 2019
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

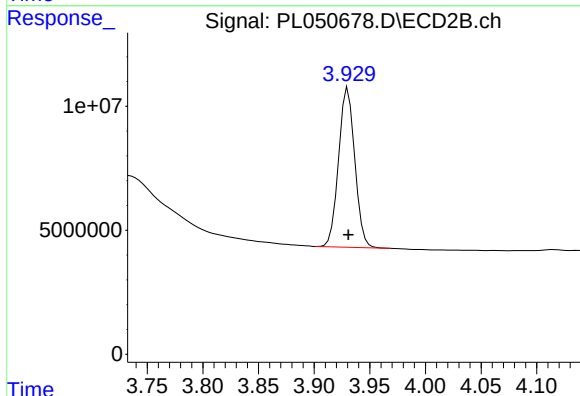




#1 Tetrachloro-m-xylene

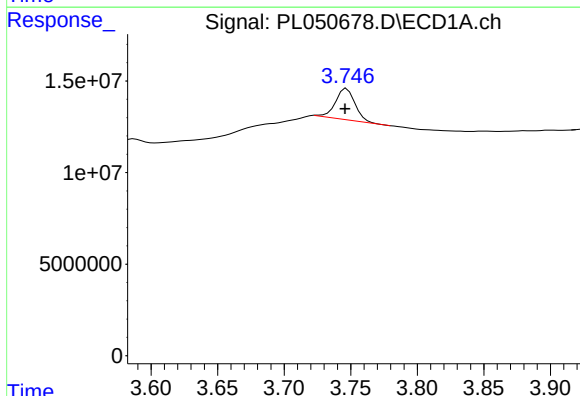
R.T.: 3.320 min
Delta R.T.: 0.002 min
Response: 233587043
Conc: 23.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



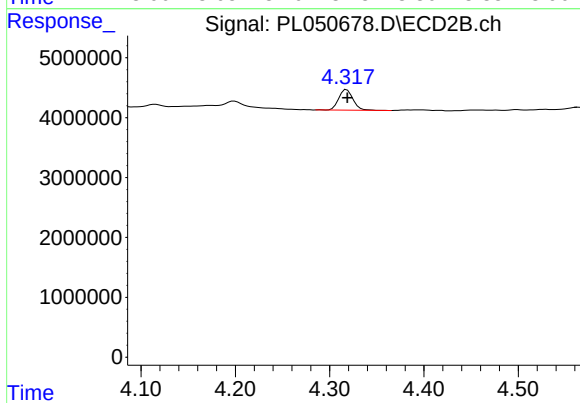
#1 Tetrachloro-m-xylene

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 65031504
Conc: 22.79 ng/ml



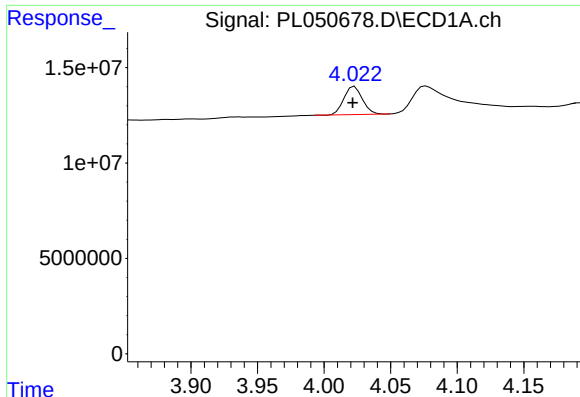
#2 alpha-BHC

R.T.: 3.747 min
Delta R.T.: 0.001 min
Response: 16759856
Conc: 1.00 ng/ml



#2 alpha-BHC

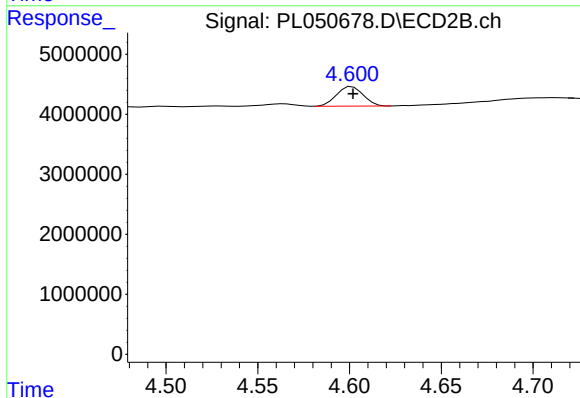
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 3638480
Conc: 0.88 ng/ml



#3 gamma-BHC (Lindane)

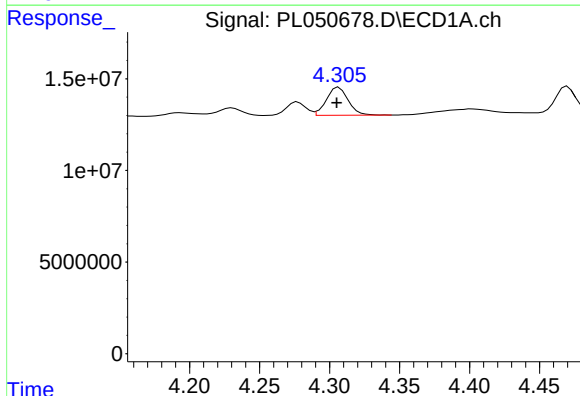
R.T.: 4.023 min
Delta R.T.: 0.002 min
Response: 14237547
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



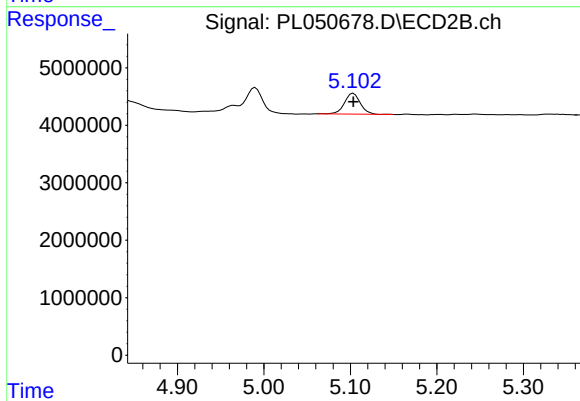
#3 gamma-BHC (Lindane)

R.T.: 4.601 min
Delta R.T.: 0.000 min
Response: 3324014
Conc: 0.86 ng/ml



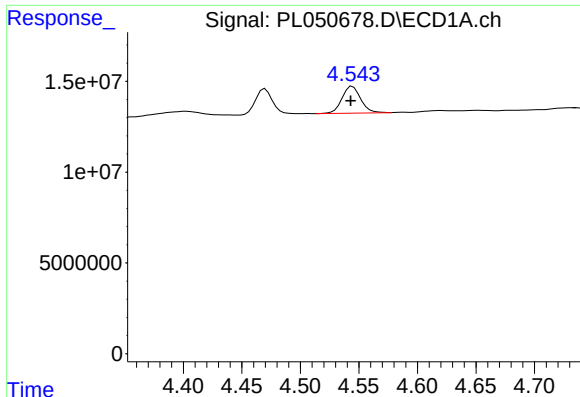
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.002 min
Response: 16437000
Conc: 1.00 ng/ml



#4 Heptachlor

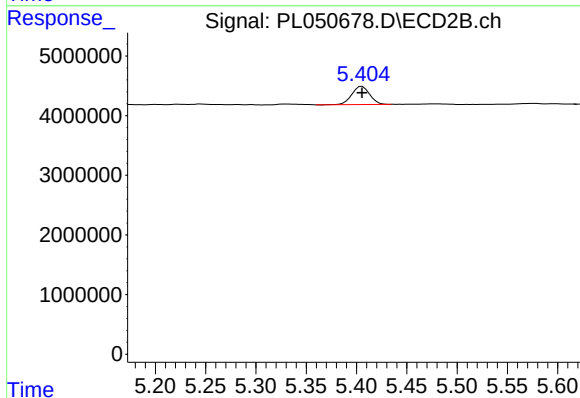
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 4536468
Conc: 1.09 ng/ml



#5 Aldrin

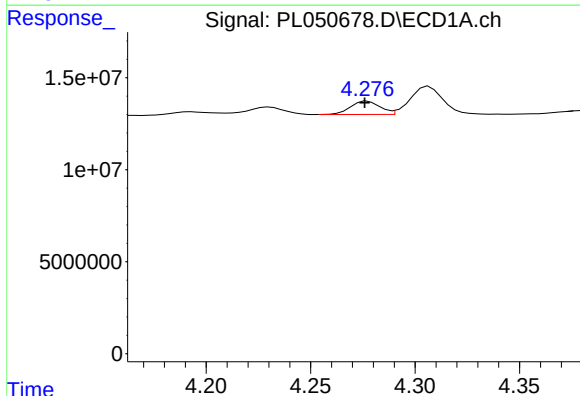
R.T.: 4.545 min
Delta R.T.: 0.001 min
Response: 16454267
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



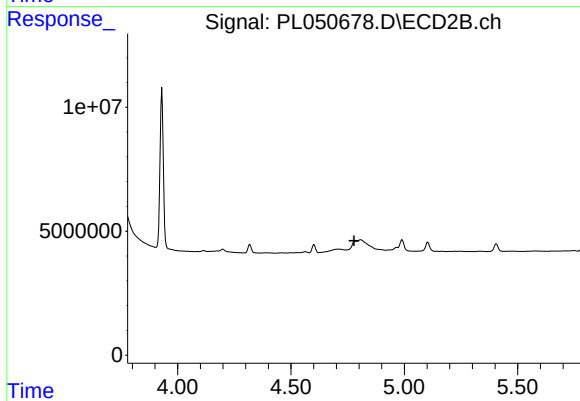
#5 Aldrin

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 3757664
Conc: 1.00 ng/ml



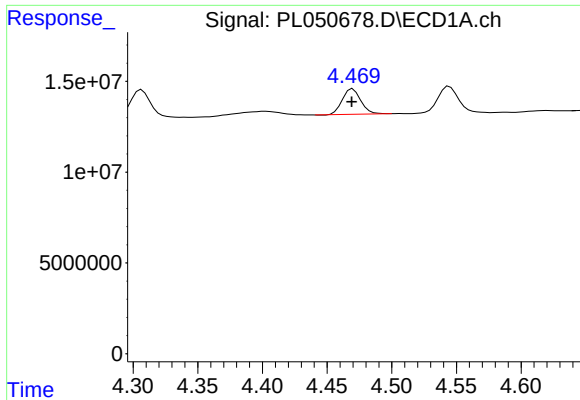
#6 beta-BHC

R.T.: 4.277 min
Delta R.T.: 0.001 min
Response: 7132640
Conc: 1.09 ng/ml



#6 beta-BHC

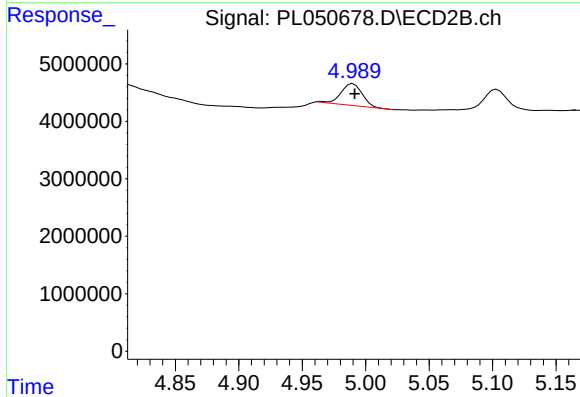
R.T.: 4.783 min
Delta R.T.: 0.005 min
Response: -661080
Conc: N.D.



#7 delta-BHC

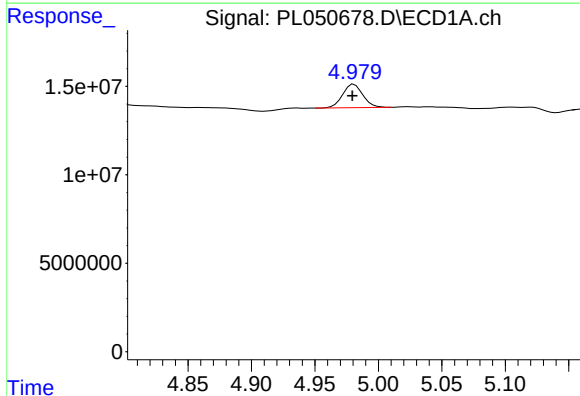
R.T.: 4.470 min
Delta R.T.: 0.001 min
Response: 13903250
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



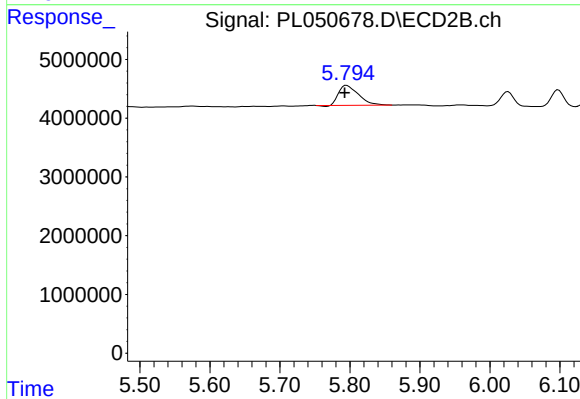
#7 delta-BHC

R.T.: 4.990 min
Delta R.T.: -0.001 min
Response: 4260441
Conc: 1.10 ng/ml



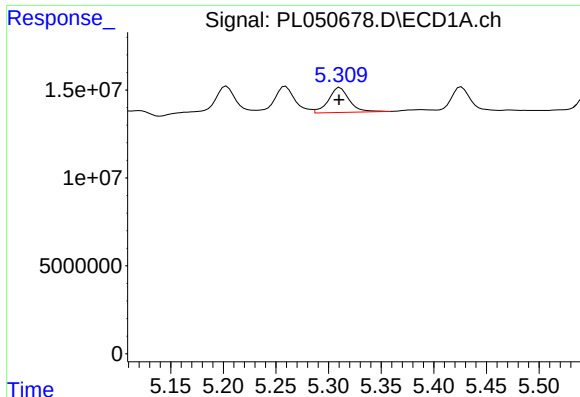
#8 Heptachlor epoxide

R.T.: 4.981 min
Delta R.T.: 0.002 min
Response: 14670362
Conc: 0.99 ng/ml



#8 Heptachlor epoxide

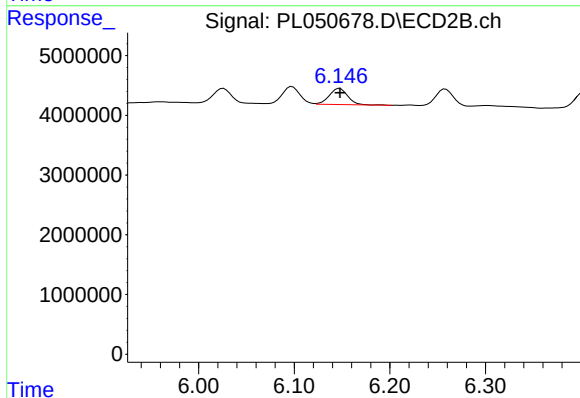
R.T.: 5.795 min
Delta R.T.: 0.003 min
Response: 6698423
Conc: 1.75 ng/ml



#9 Endosulfan I

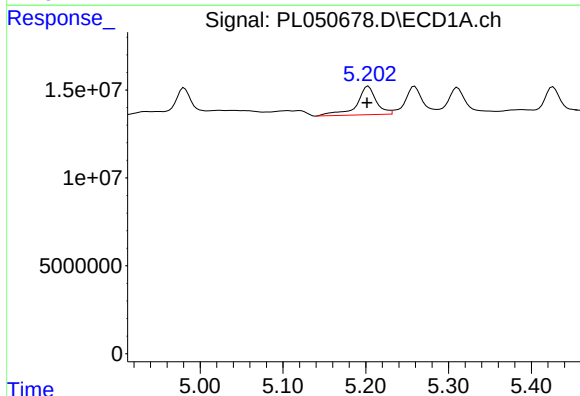
R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 19408569
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



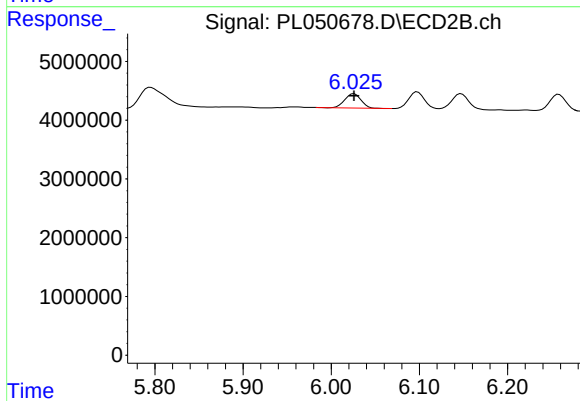
#9 Endosulfan I

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 3602093
Conc: 1.05 ng/ml



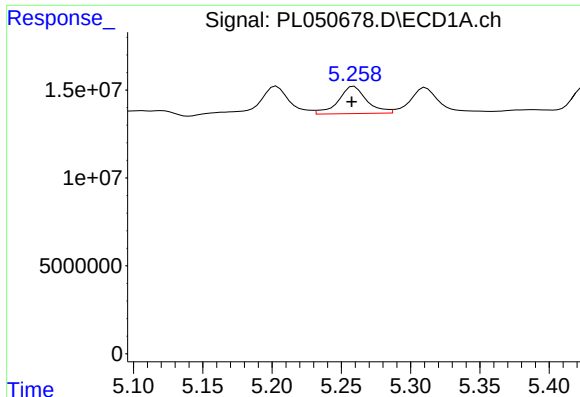
#10 gamma-Chlordane

R.T.: 5.203 min
Delta R.T.: 0.002 min
Response: 26634720
Conc: 1.69 ng/ml



#10 gamma-Chlordane

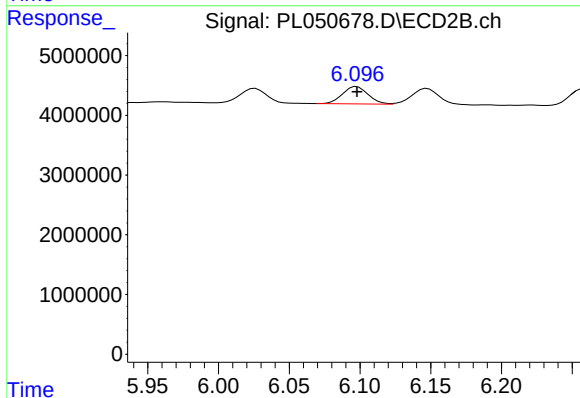
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 3120066
Conc: 0.84 ng/ml



#11 alpha-Chlordane

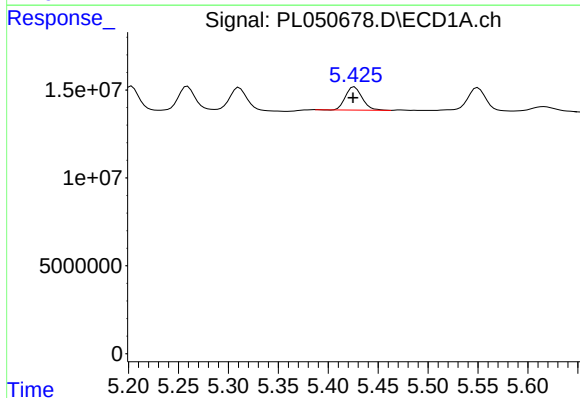
R.T.: 5.259 min
Delta R.T.: 0.002 min
Response: 22096698
Conc: 1.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



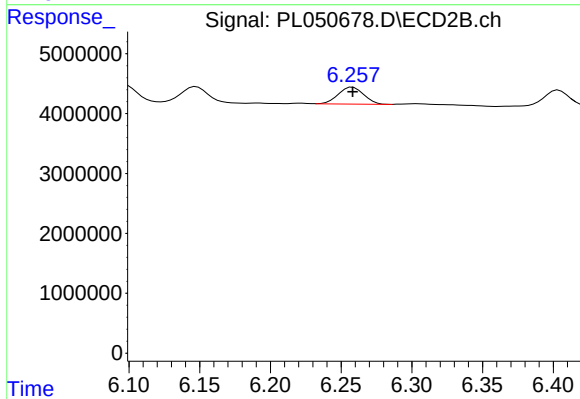
#11 alpha-Chlordane

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 3665850
Conc: 1.00 ng/ml



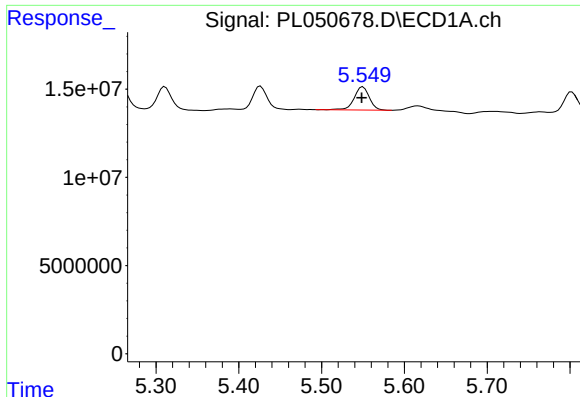
#12 4,4'-DDE

R.T.: 5.426 min
Delta R.T.: 0.002 min
Response: 15353866
Conc: 1.02 ng/ml



#12 4,4'-DDE

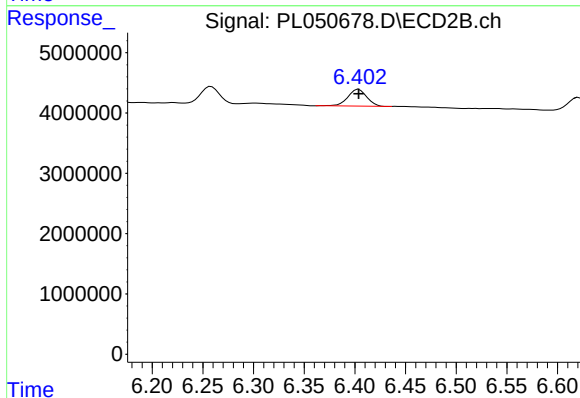
R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 3545817
Conc: 0.98 ng/ml



#13 Dieldrin

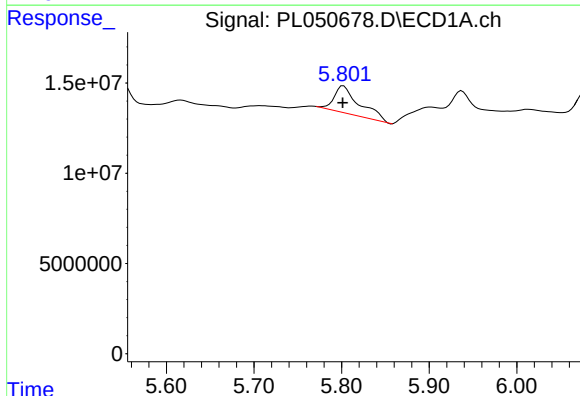
R.T.: 5.550 min
Delta R.T.: 0.001 min
Response: 16789136
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



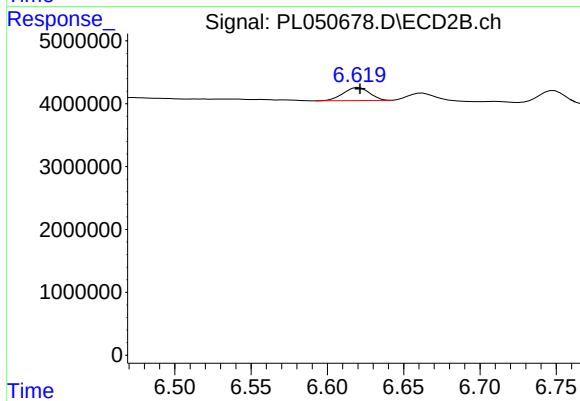
#13 Dieldrin

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 3603237
Conc: 1.02 ng/ml



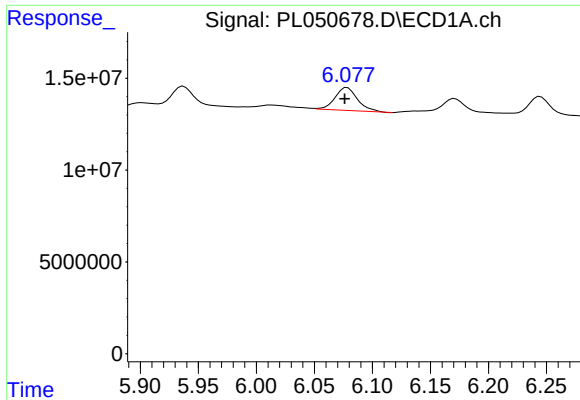
#14 Endrin

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 30553034
Conc: 2.08 ng/ml



#14 Endrin

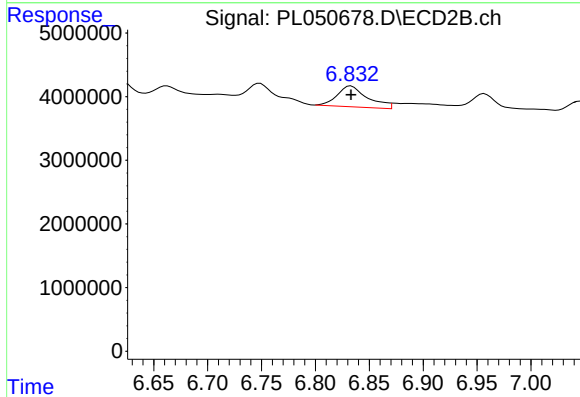
R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 2467998
Conc: 0.80 ng/ml



#15 Endosulfan II

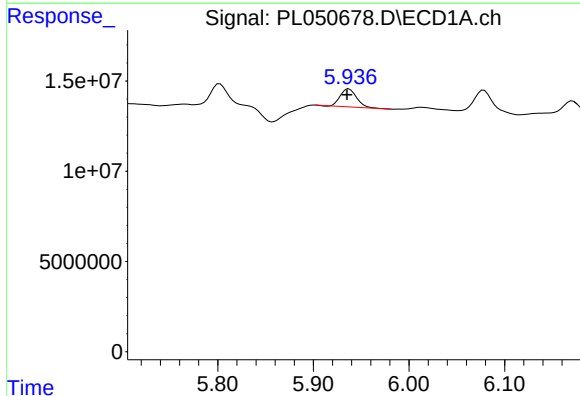
R.T.: 6.078 min
Delta R.T.: 0.002 min
Response: 17018588
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



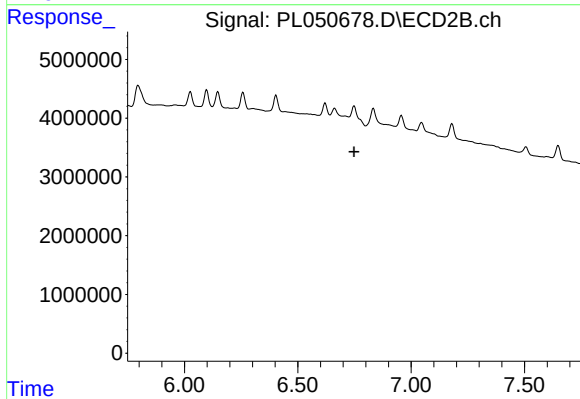
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 6314855
Conc: 1.99 ng/ml



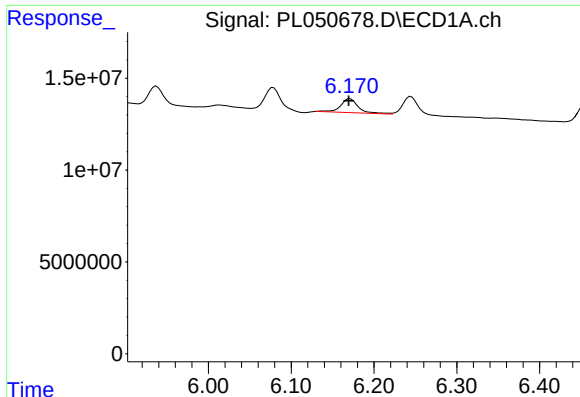
#16 4,4'-DDD

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 11703711
Conc: 0.98 ng/ml



#16 4,4'-DDD

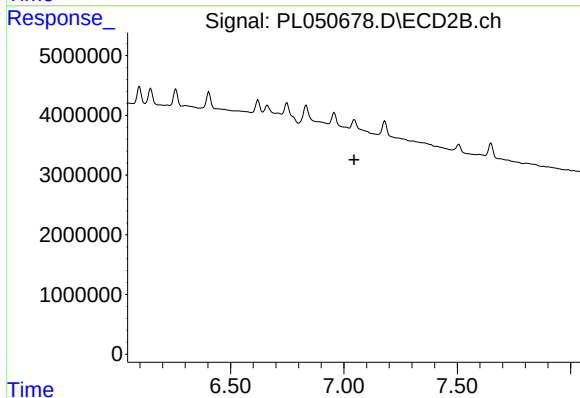
R.T.: 0.000 min
Exp R.T.: 6.749 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

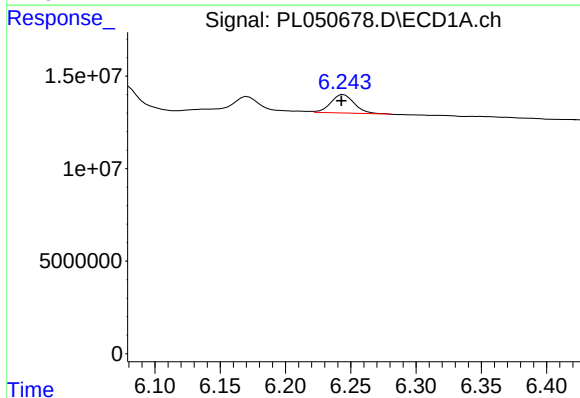
R.T.: 6.171 min
Delta R.T.: 0.002 min
Response: 11267676
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



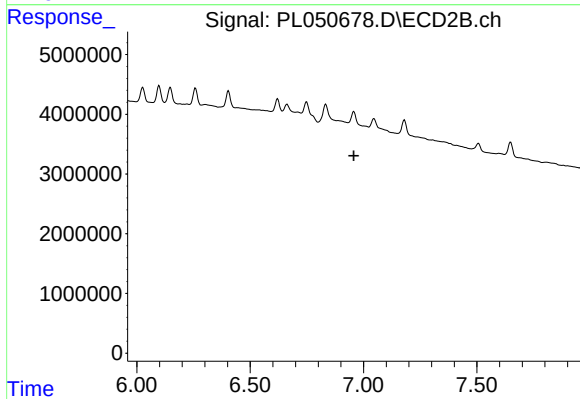
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.046 min
Response: 0
Conc: N.D.



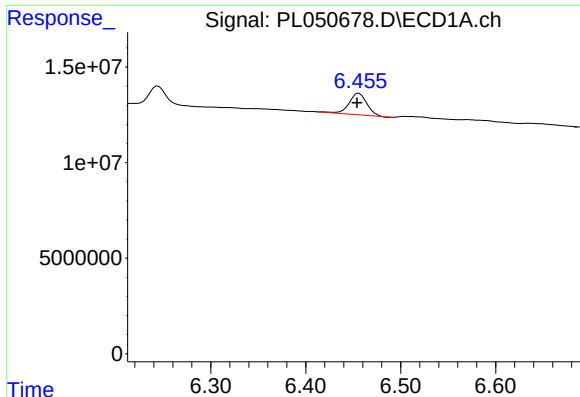
#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: 0.002 min
Response: 12316850
Conc: 1.07 ng/ml



#18 Endrin aldehyde

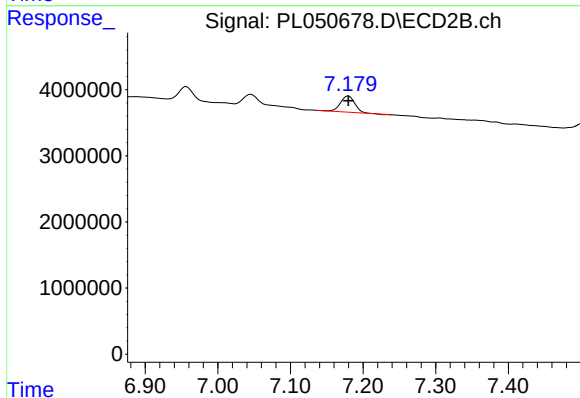
R.T.: 0.000 min
Exp R.T. : 6.957 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

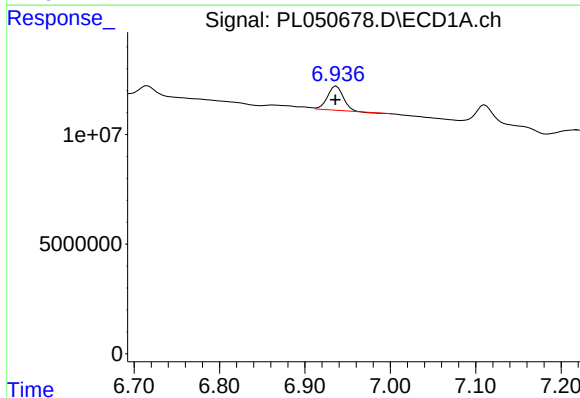
R.T.: 6.456 min
Delta R.T.: 0.002 min
Response: 14858990
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



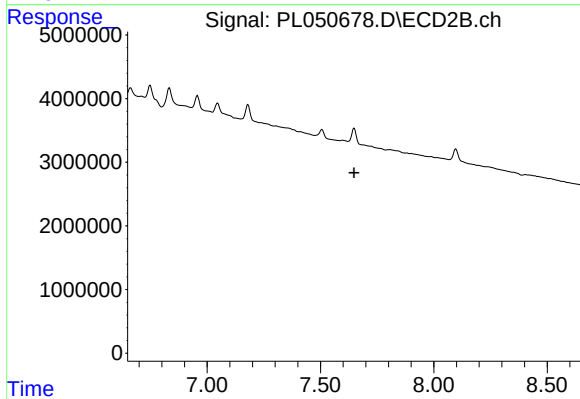
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 3278055
Conc: 1.13 ng/ml



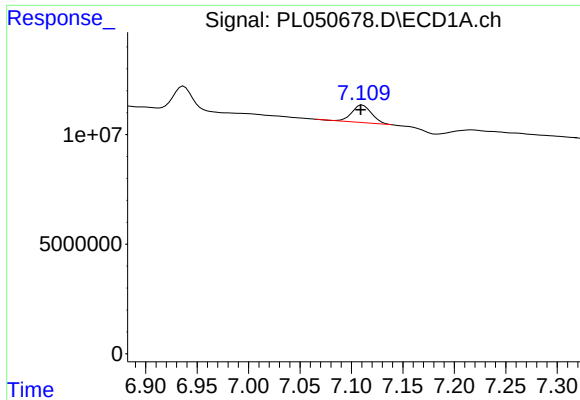
#21 Endrin ketone

R.T.: 6.937 min
Delta R.T.: 0.001 min
Response: 13905574
Conc: 1.02 ng/ml



#21 Endrin ketone

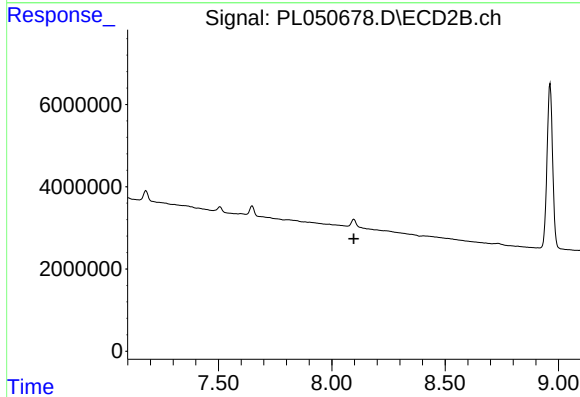
R.T.: 0.000 min
Exp R.T.: 7.648 min
Response: 0
Conc: N.D.



#22 Mirex

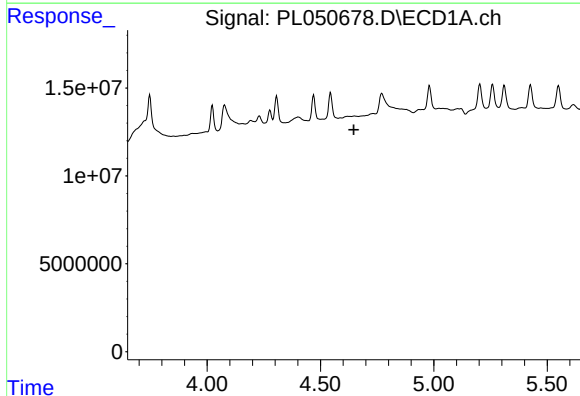
R.T.: 7.111 min
Delta R.T.: 0.002 min
Response: 10452565
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



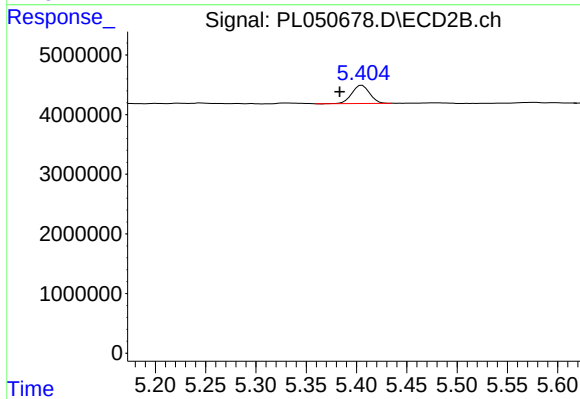
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.097 min
Response: 0
Conc: N.D.



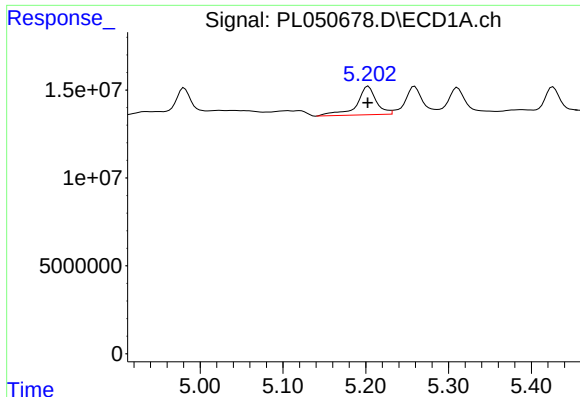
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.647 min
Response: 0
Conc: N.D.



#24 Chlordane-2

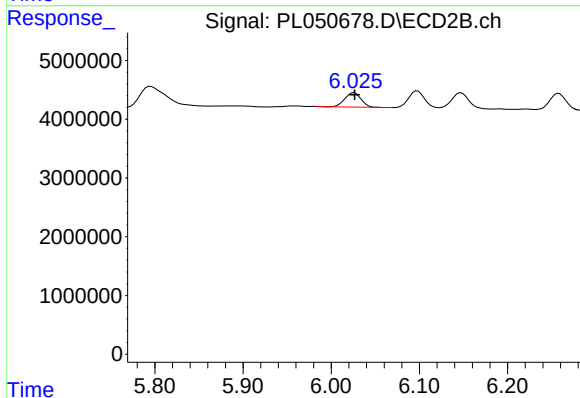
R.T.: 5.406 min
Delta R.T.: 0.022 min
Response: 3757664
Conc: 31.99 ng/ml



#25 Chlordane-3

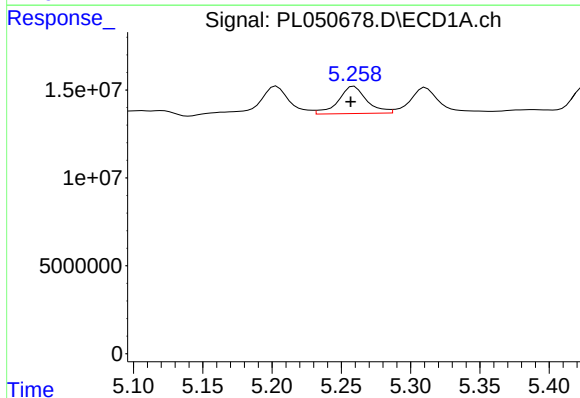
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 26634720
Conc: 19.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



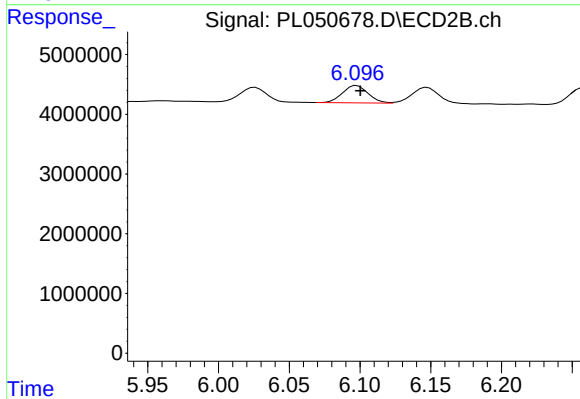
#25 Chlordane-3

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 3120066
Conc: 6.49 ng/ml



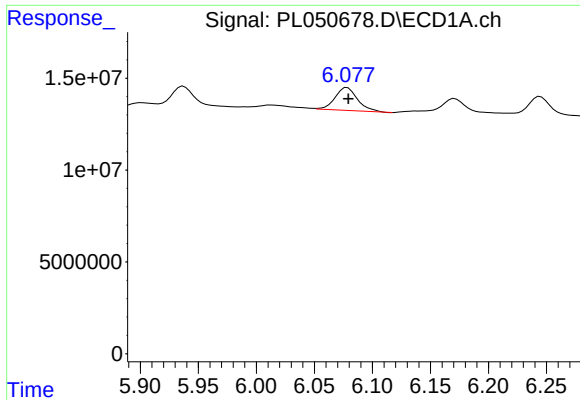
#26 Chlordane-4

R.T.: 5.259 min
Delta R.T.: 0.002 min
Response: 22096698
Conc: 16.75 ng/ml



#26 Chlordane-4

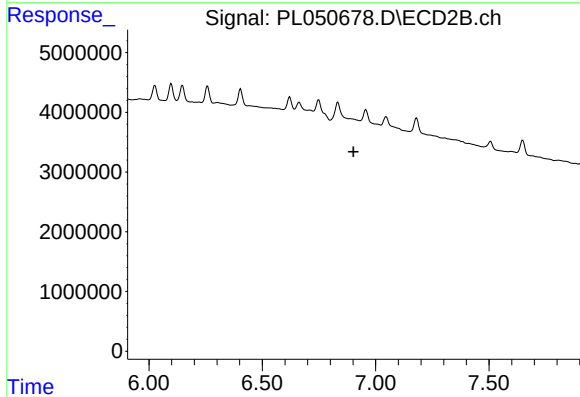
R.T.: 6.098 min
Delta R.T.: -0.002 min
Response: 3665850
Conc: 6.31 ng/ml



#27 Chlordane-5

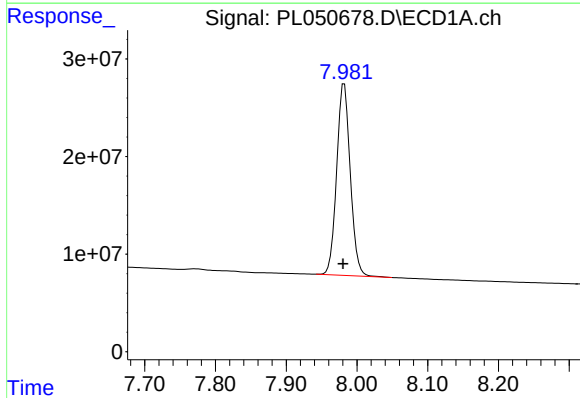
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 17018588
Conc: 33.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



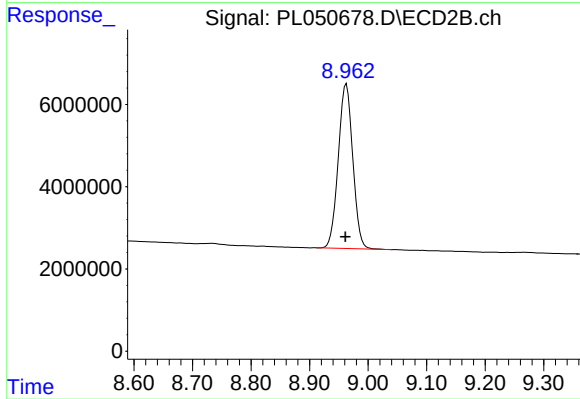
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.902 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: 0.002 min
Response: 262279410
Conc: 25.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.963 min
Delta R.T.: 0.001 min
Response: 68908453
Conc: 24.37 ng/ml