

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
 Data File : PD080858.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2024 21:58
 Operator : AR\AJ
 Sample : P1187-07
 Misc : PEST LOD 1PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 00:58:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 24 20:16:38 2024
 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...	3.565	2.796	31381120	53323762	22.106	22.291
28)	SA Decachlor...	9.110	7.933	47050088	62829971	23.379	23.588
Target Compounds							
2)	A alpha-BHC	4.022	3.298	2645847	3810008	1.065	0.993
3)	MA gamma-BHC...	4.356	3.627	2443868	3604887	0.998	0.964
4)	MA Heptachlor	4.948	3.968	3108852	3669074	1.260	1.064
5)	MB Aldrin	5.291	4.248	2505986	3698241	1.021	1.015
6)	B beta-BHC	4.550	3.922	1102359	1679292	1.089	1.075
7)	B delta-BHC	4.798	4.153	2581696	3534110	1.029	0.942
8)	B Heptachlo...	5.718	4.750	2718150	3590840	1.214	1.072
9)	A Endosulfan I	6.104	5.119	2465788	3553364	1.189	1.160
10)	B gamma-Chl...	5.974	5.000	2542429	3826621	1.161	1.170
11)	B alpha-Chl...	6.054	5.064	2558038	3769076	1.175	1.153
12)	B 4,4'-DDE	6.224	5.252	2294973	3137007	1.128	1.024
13)	MA Dieldrin	6.380	5.384	2553348	3574946	1.156	1.051
14)	MA Endrin	6.610	5.659	2154406	3402950	1.153	1.148
15)	B Endosulfa...	6.828	5.952	2731518	3300450	1.411	1.148
16)	A 4,4'-DDD	6.742	5.805	1810135	2856911	1.102	1.088
17)	MA 4,4'-DDT	7.056	6.057	1832572	2330263	1.029	0.878
18)	B Endrin al...	6.958	6.132	1829025	2677100	1.202	1.187
19)	B Endosulfa...	7.192	6.353	2280504	3303498	1.201	1.184
20)	A Methoxychlor	7.531	6.631	1196161	1719266	1.162	1.098
21)	B Endrin ke...	7.679	6.859	2462509	3474637	1.178	1.077
22)	Mirex	8.155	7.042	2316772	3111865	1.405	1.235
24)	Chlordane-2	5.291f	0.000	2505986	0	30.272	N.D. #
25)	Chlordane-3	5.974	5.000	2542429	3826621	8.051	11.402 #
26)	Chlordane-4	6.054	5.064	2558038	3769076	6.719	11.864 #
27)	Chlordane-5	0.000	5.952	0	3300450	N.D.	27.222 #

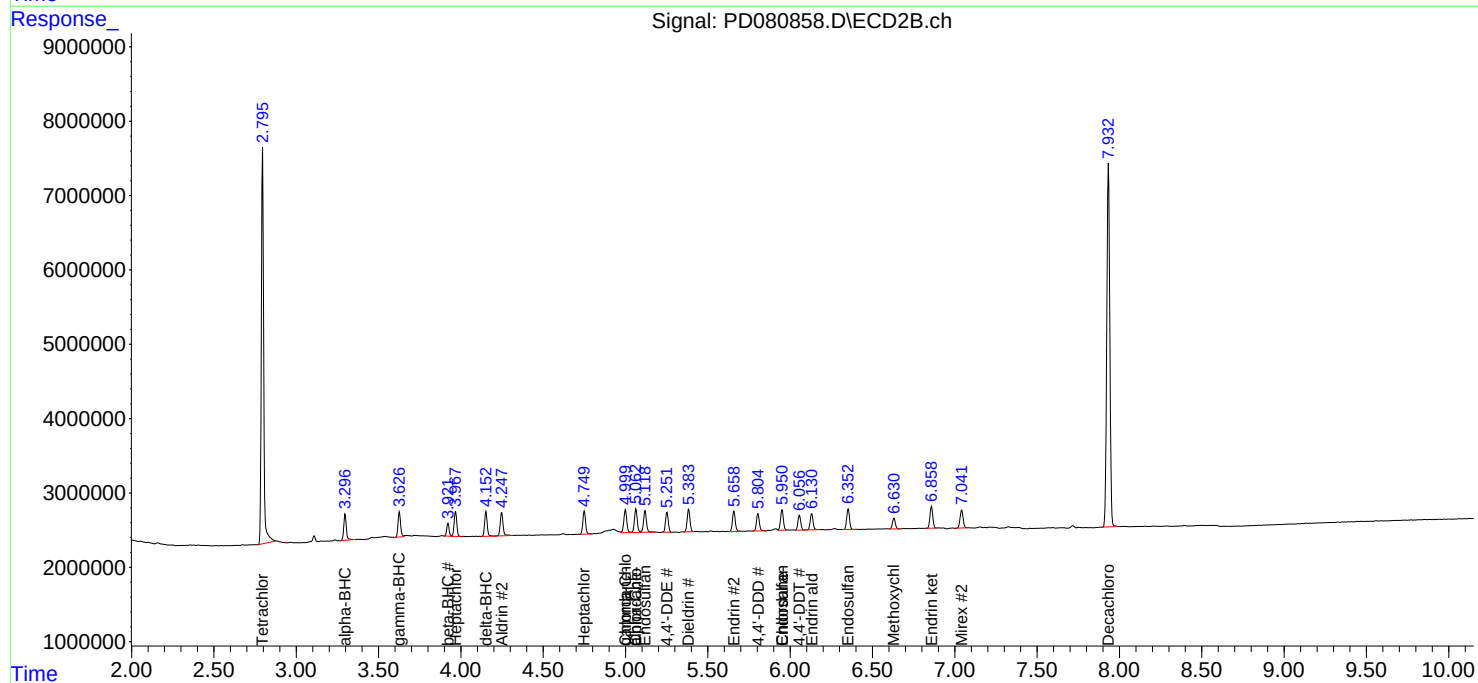
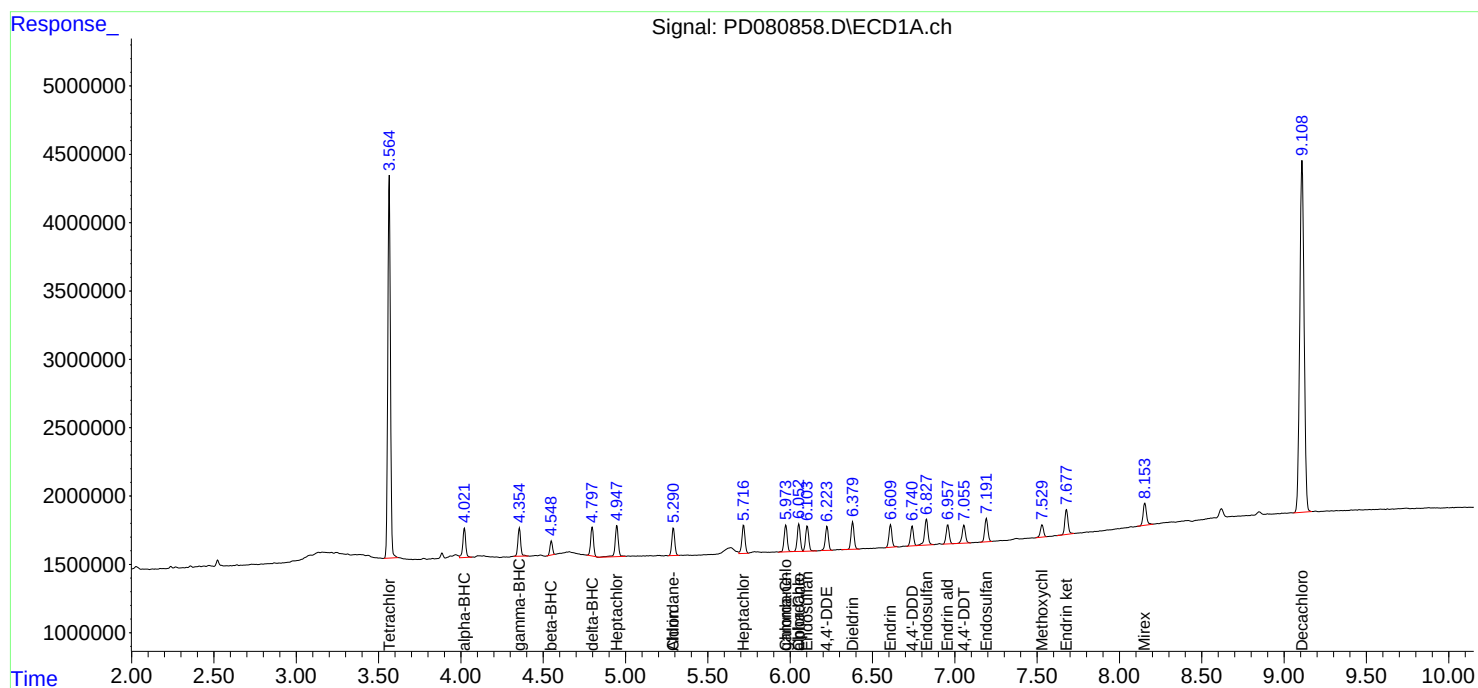
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

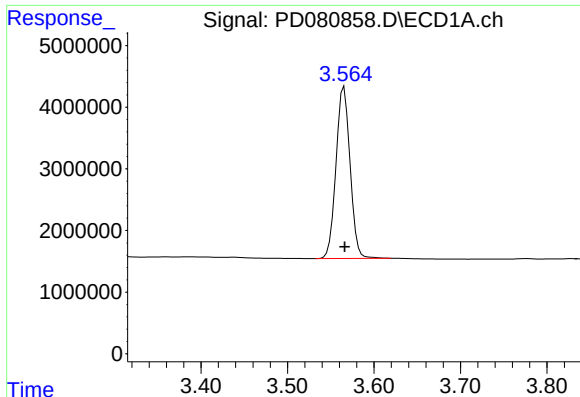
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
Data File : PD080858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2024 21:58
Operator : AR\AJ
Sample : P1187-07
Misc : PEST LOD 1PPB
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 00:58:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Wed Jan 24 20:16:38 2024
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

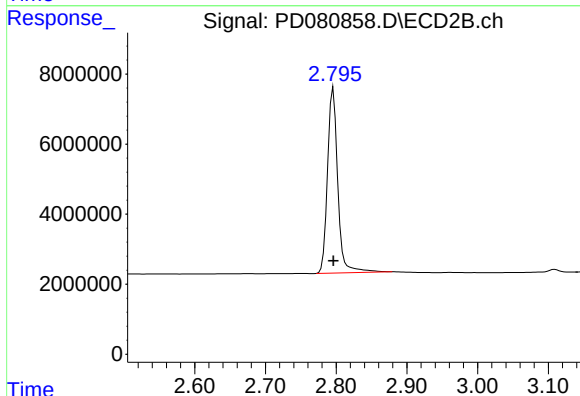




#1 Tetrachloro-m-xylene

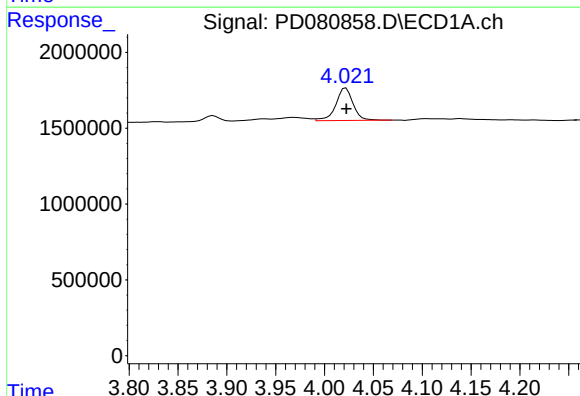
R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 31381120
Conc: 22.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



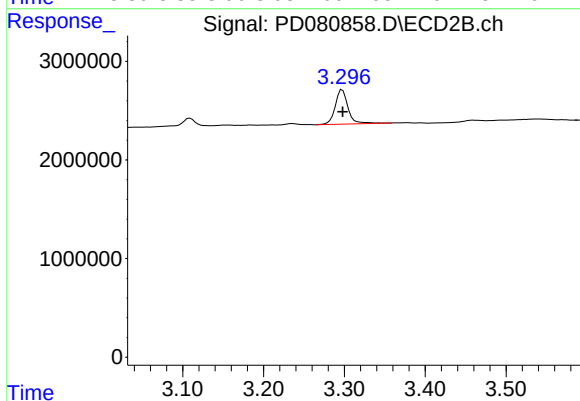
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 53323762
Conc: 22.29 ng/ml



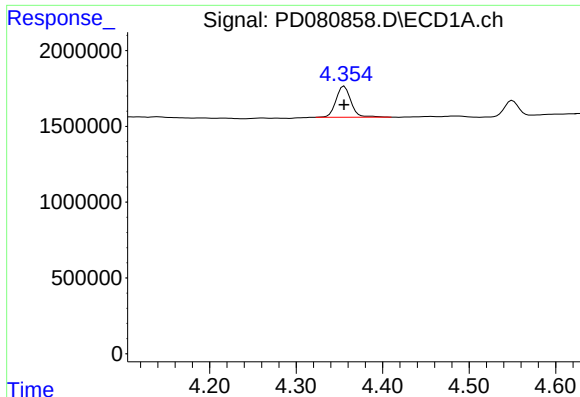
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 2645847
Conc: 1.07 ng/ml



#2 alpha-BHC

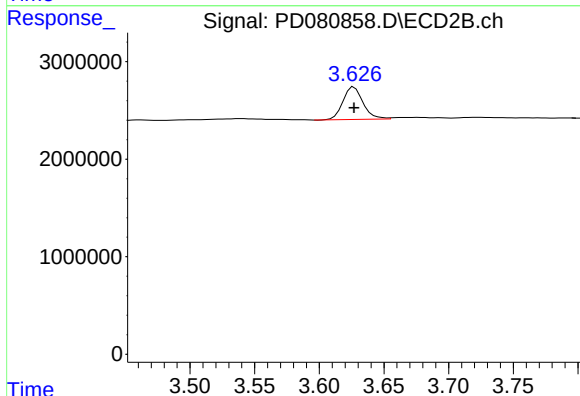
R.T.: 3.298 min
Delta R.T.: 0.000 min
Response: 3810008
Conc: 0.99 ng/ml



#3 gamma-BHC (Lindane)

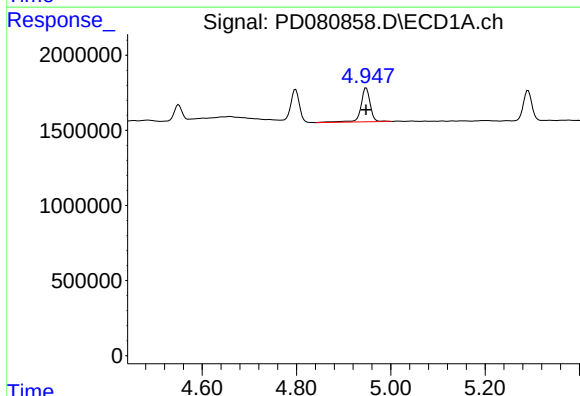
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 2443868
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



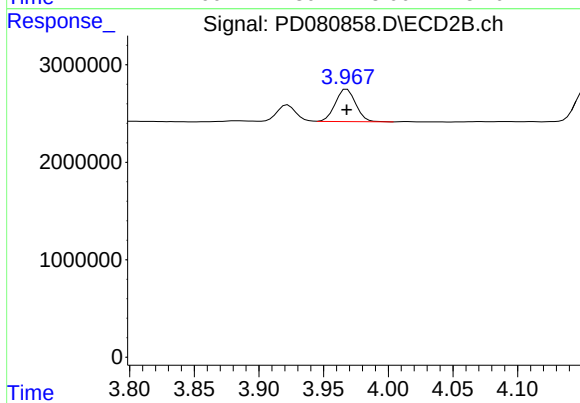
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 3604887
Conc: 0.96 ng/ml



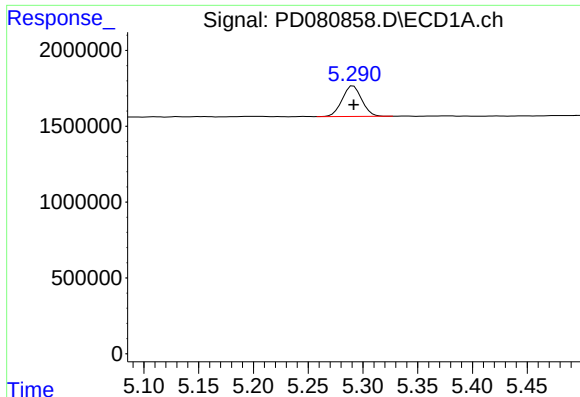
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 3108852
Conc: 1.26 ng/ml



#4 Heptachlor

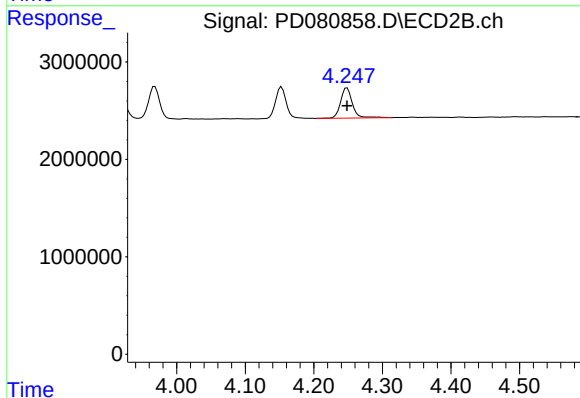
R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 3669074
Conc: 1.06 ng/ml



#5 Aldrin

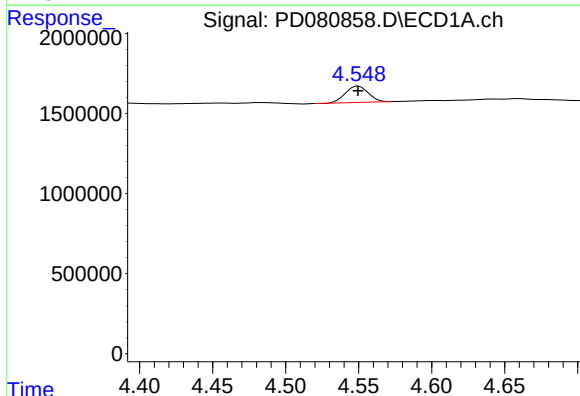
R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 2505986
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



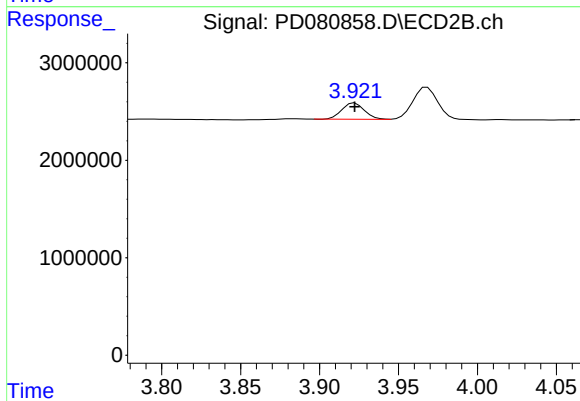
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 3698241
Conc: 1.02 ng/ml



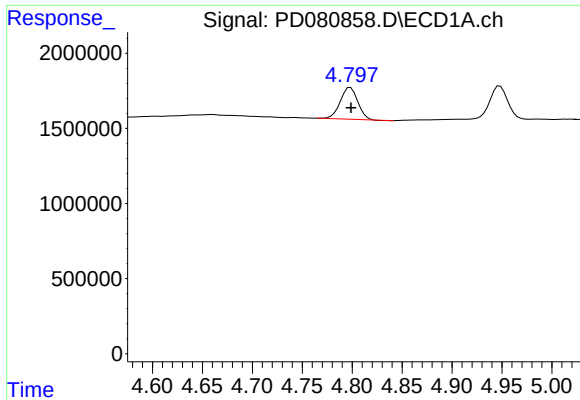
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 1102359
Conc: 1.09 ng/ml



#6 beta-BHC

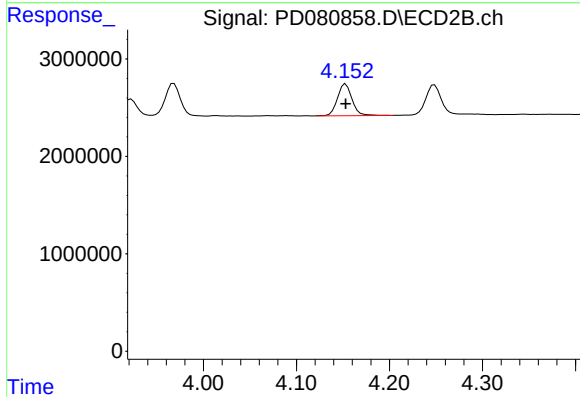
R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 1679292
Conc: 1.07 ng/ml



#7 delta-BHC

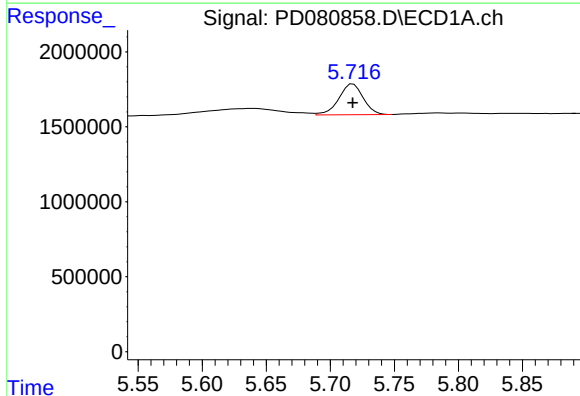
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 2581696
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



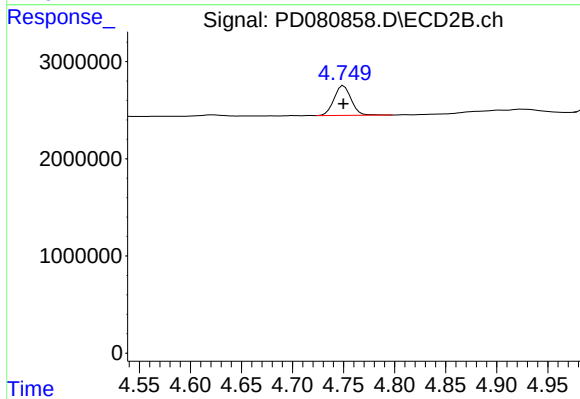
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 3534110
Conc: 0.94 ng/ml



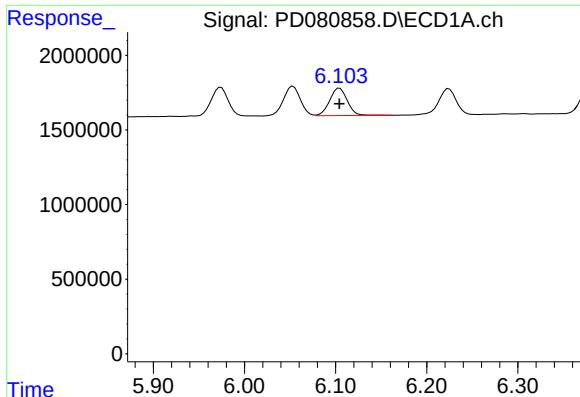
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 2718150
Conc: 1.21 ng/ml



#8 Heptachlor epoxide

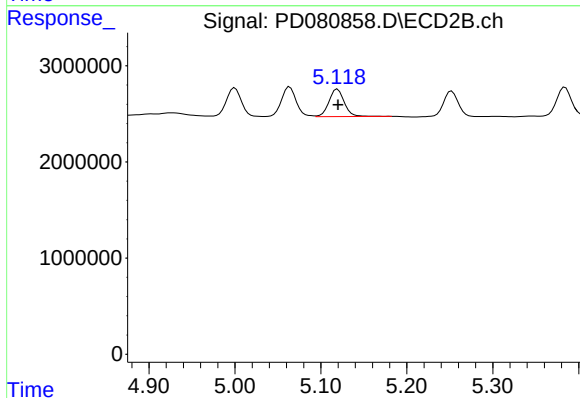
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 3590840
Conc: 1.07 ng/ml



#9 Endosulfan I

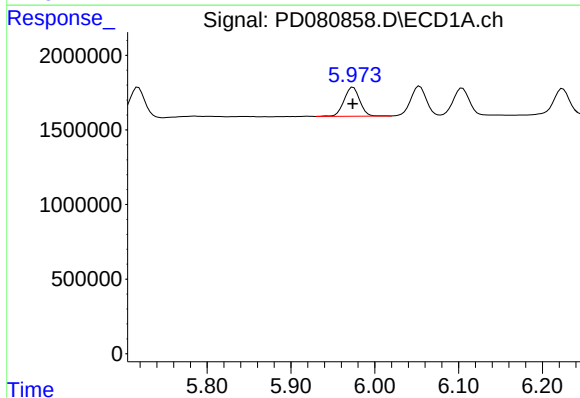
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 2465788
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



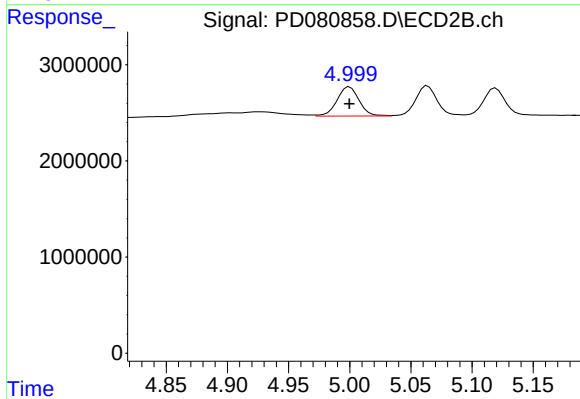
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 3553364
Conc: 1.16 ng/ml



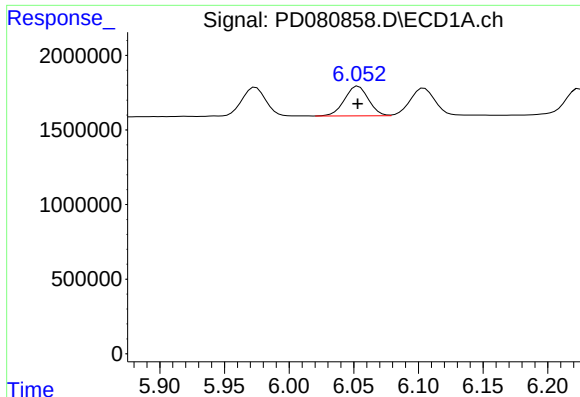
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 2542429
Conc: 1.16 ng/ml



#10 gamma-Chlordane

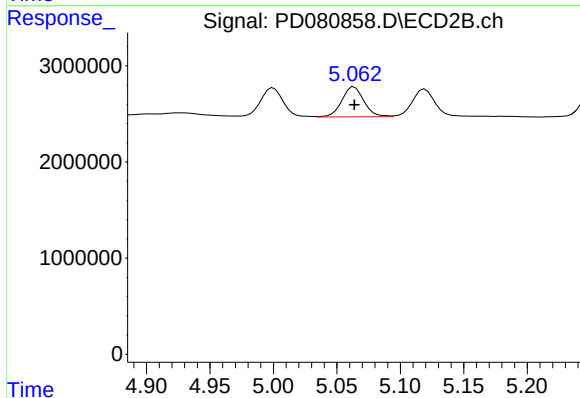
R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 3826621
Conc: 1.17 ng/ml



#11 alpha-Chlordane

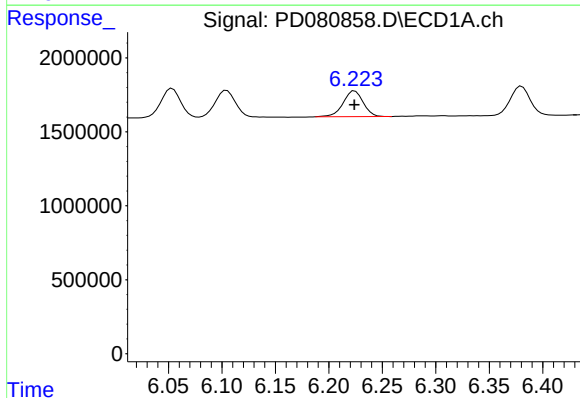
R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 2558038
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



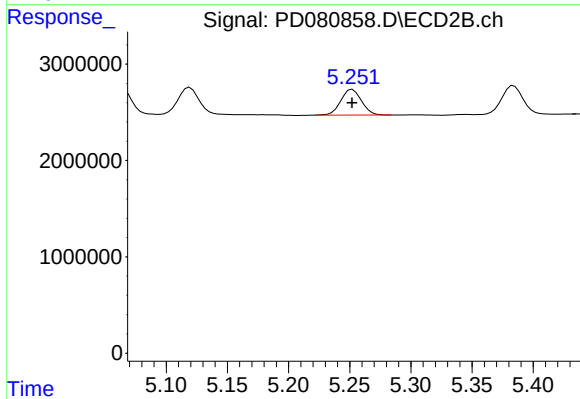
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 3769076
Conc: 1.15 ng/ml



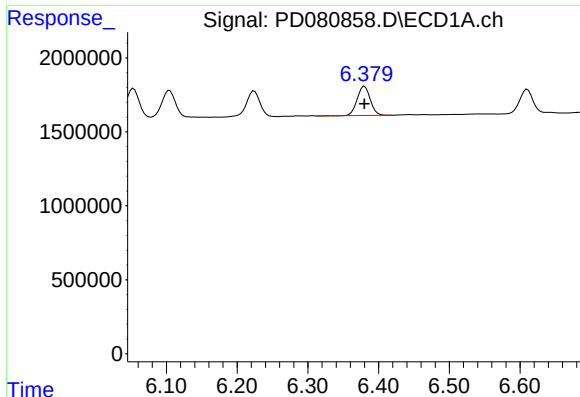
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 2294973
Conc: 1.13 ng/ml



#12 4,4'-DDE

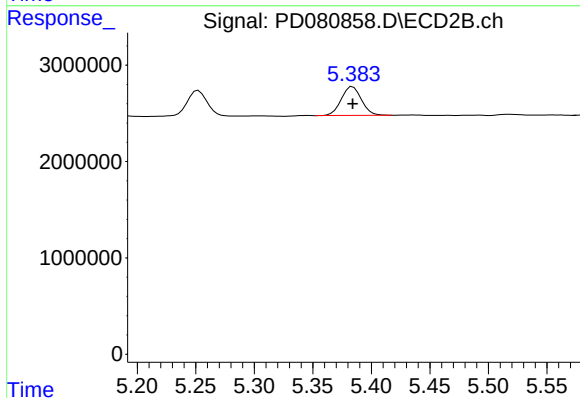
R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 3137007
Conc: 1.02 ng/ml



#13 Dieldrin

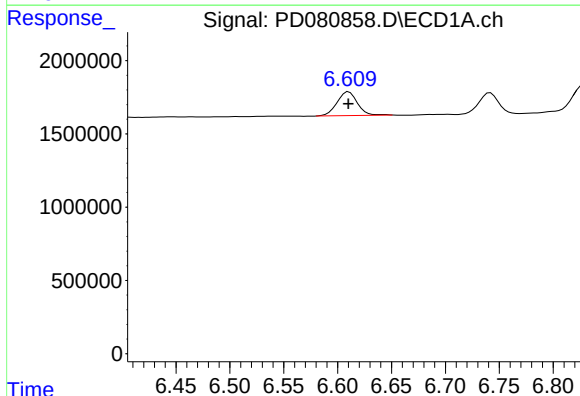
R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 2553348
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



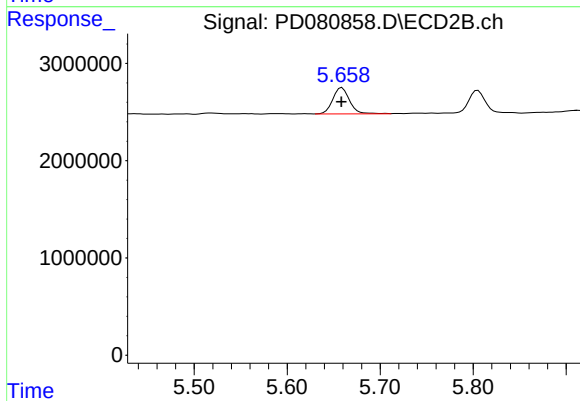
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 3574946
Conc: 1.05 ng/ml



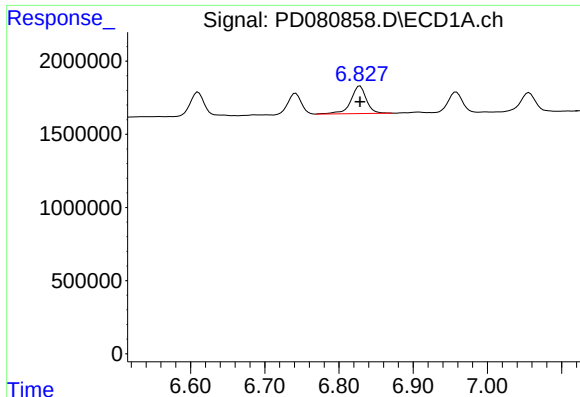
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 2154406
Conc: 1.15 ng/ml



#14 Endrin

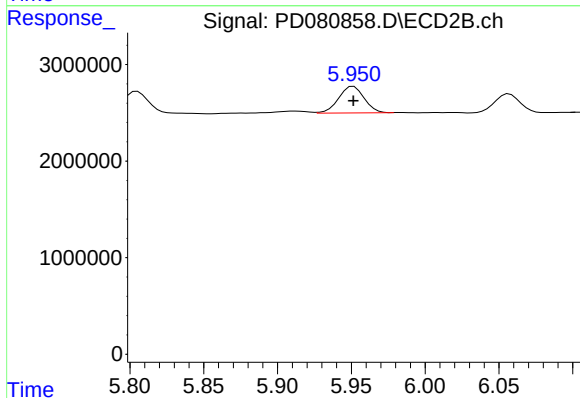
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 3402950
Conc: 1.15 ng/ml



#15 Endosulfan II

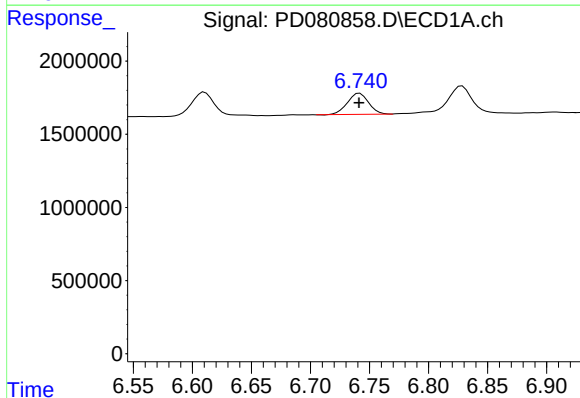
R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 2731518
Conc: 1.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



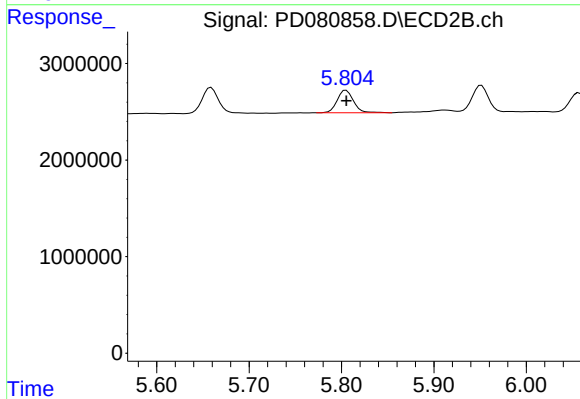
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 3300450
Conc: 1.15 ng/ml



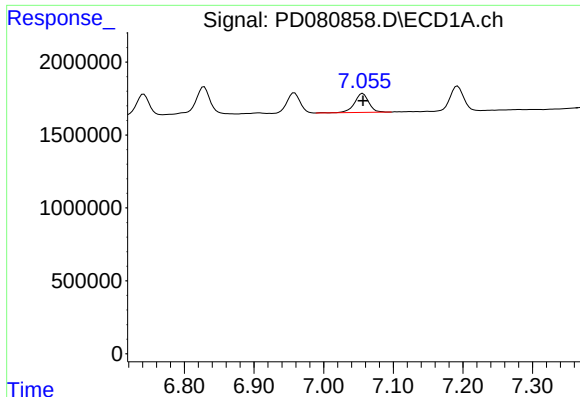
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 1810135
Conc: 1.10 ng/ml



#16 4,4'-DDD

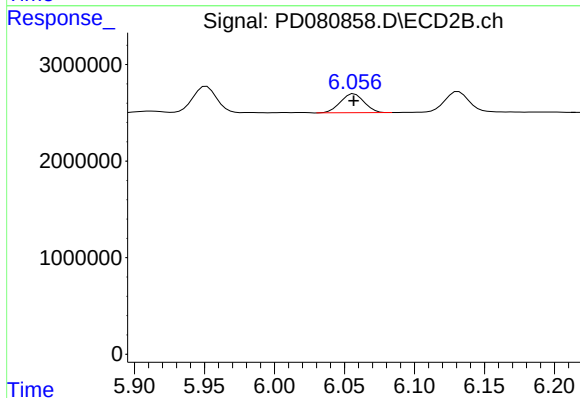
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 2856911
Conc: 1.09 ng/ml



#17 4,4'-DDT

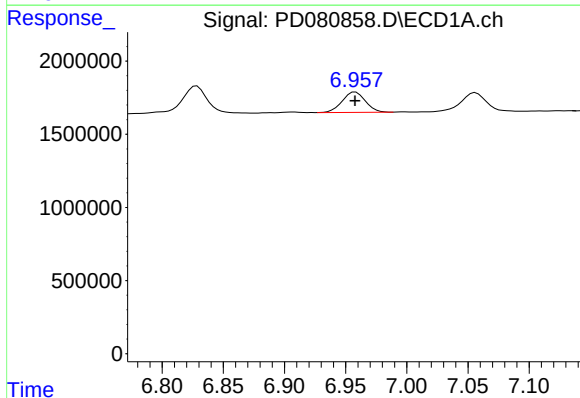
R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 1832572
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



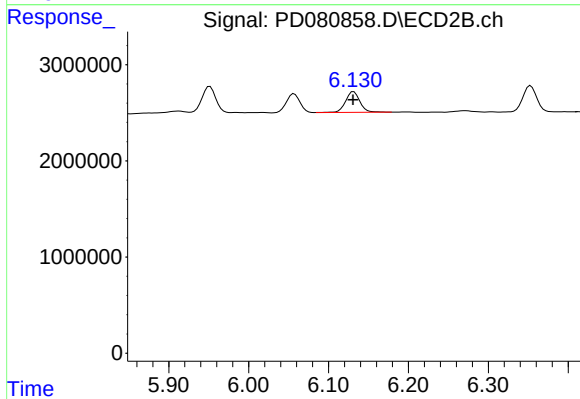
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 2330263
Conc: 0.88 ng/ml



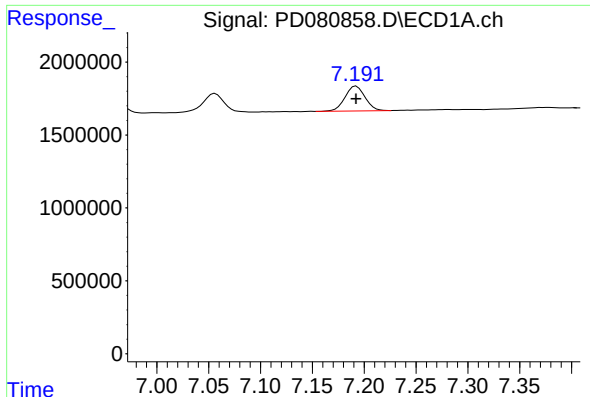
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 1829025
Conc: 1.20 ng/ml



#18 Endrin aldehyde

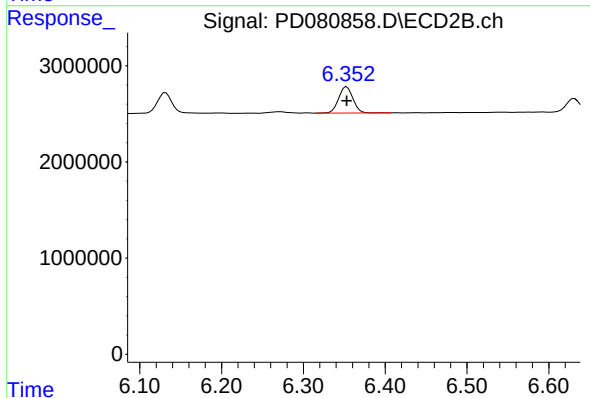
R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 2677100
Conc: 1.19 ng/ml



#19 Endosulfan Sulfate

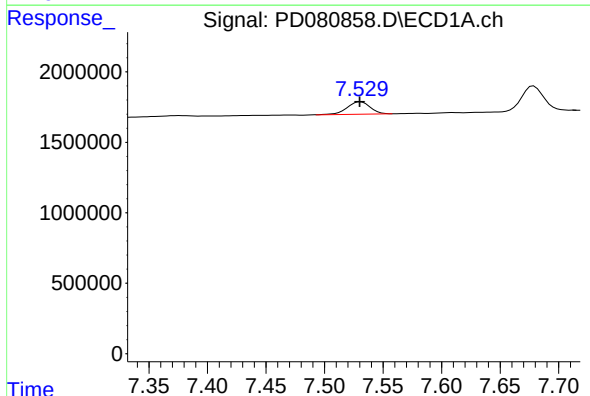
R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 2280504
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



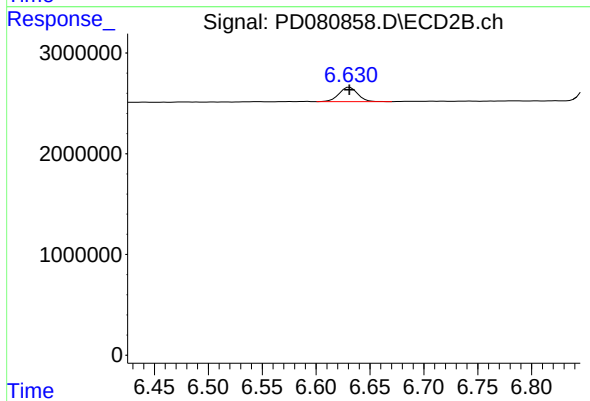
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 3303498
Conc: 1.18 ng/ml



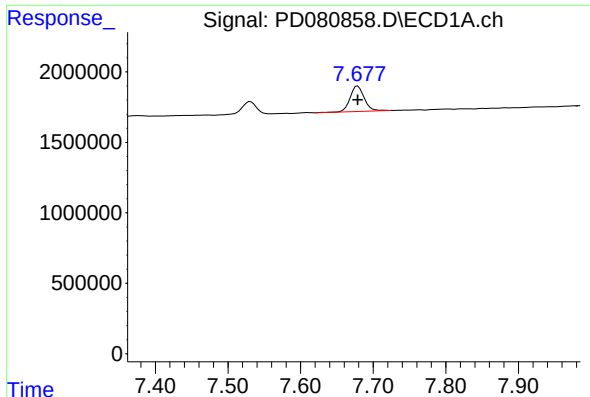
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 1196161
Conc: 1.16 ng/ml



#20 Methoxychlor

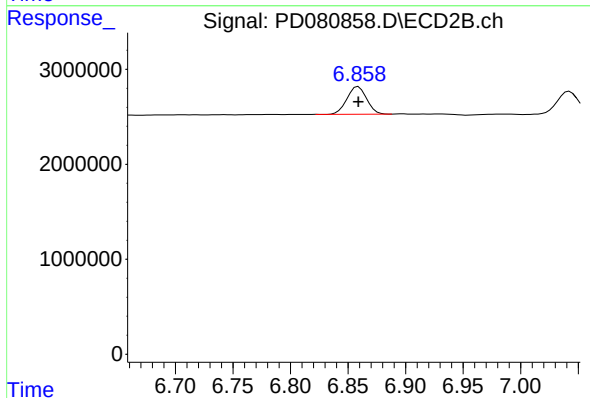
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 1719266
Conc: 1.10 ng/ml



#21 Endrin ketone

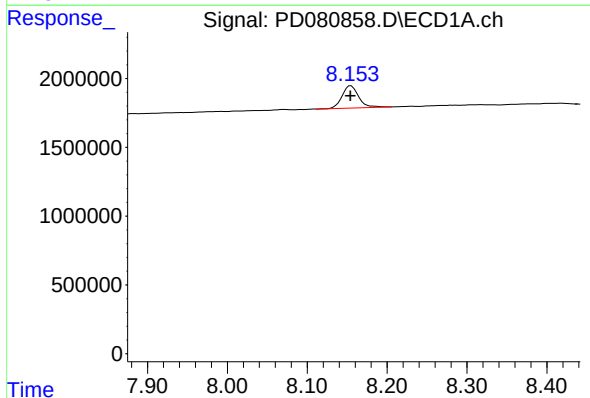
R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 2462509
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



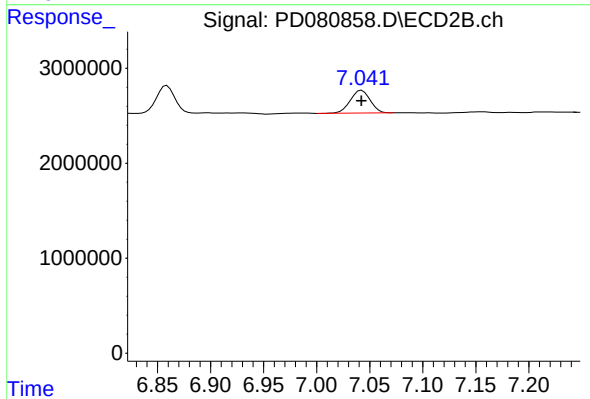
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 3474637
Conc: 1.08 ng/ml



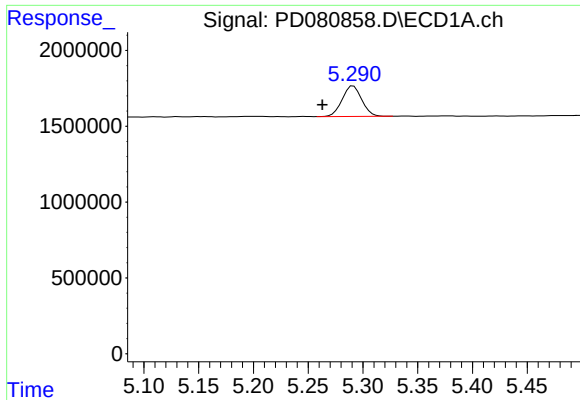
#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 2316772
Conc: 1.40 ng/ml



#22 Mirex

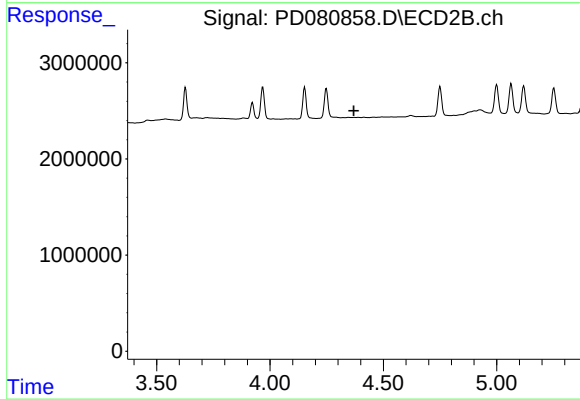
R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 3111865
Conc: 1.23 ng/ml



#24 Chlordane-2

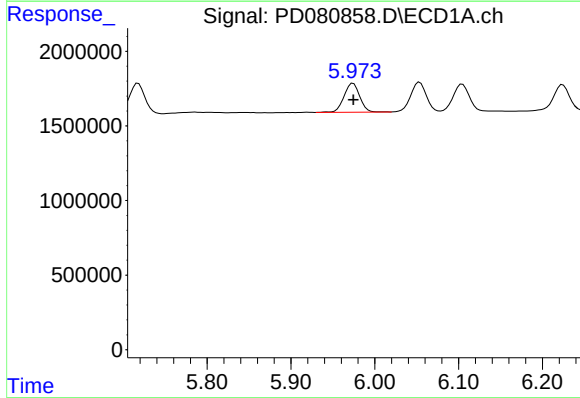
R.T.: 5.291 min
Delta R.T.: 0.028 min
Response: 2505986
Conc: 30.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



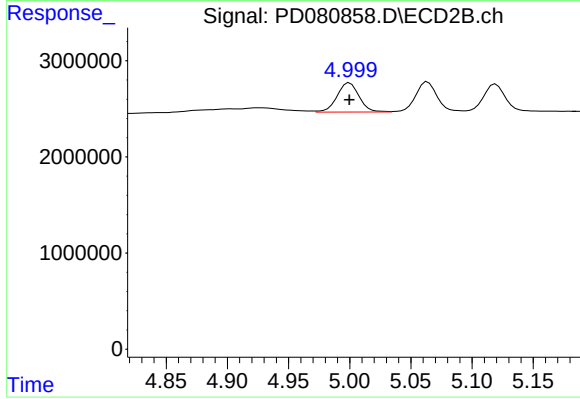
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.370 min
Response: 0
Conc: N.D.



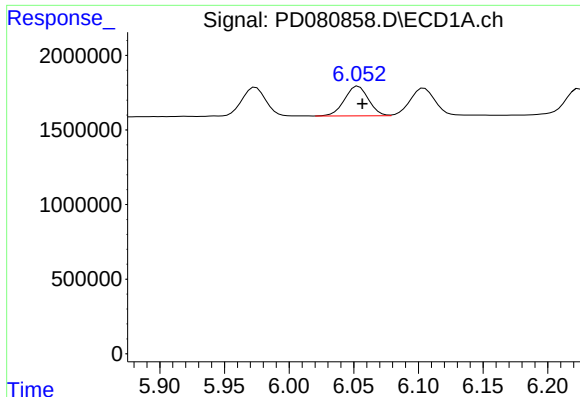
#25 Chlordane-3

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 2542429
Conc: 8.05 ng/ml



#25 Chlordane-3

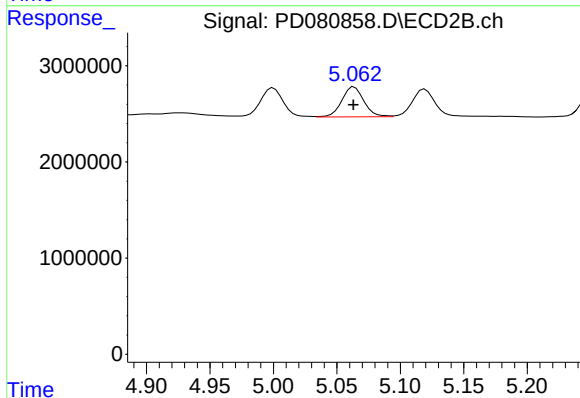
R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 3826621
Conc: 11.40 ng/ml



#26 Chlordane-4

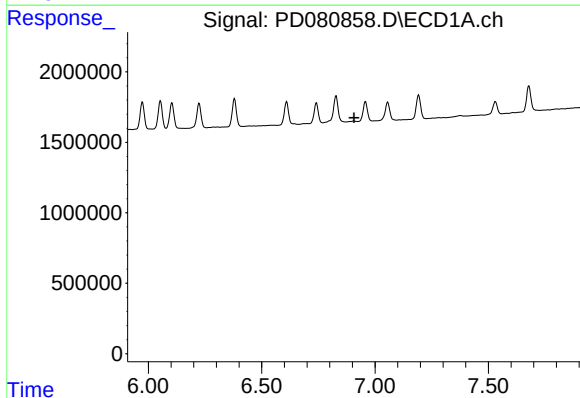
R.T.: 6.054 min
Delta R.T.: -0.003 min
Response: 2558038
Conc: 6.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



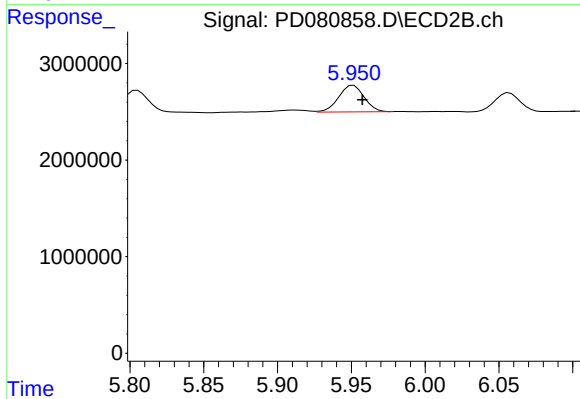
#26 Chlordane-4

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 3769076
Conc: 11.86 ng/ml



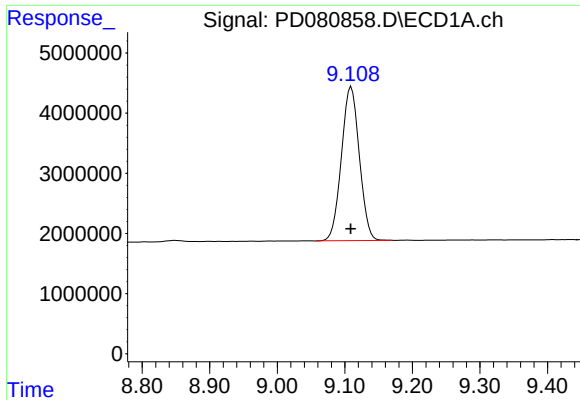
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.908 min
Response: 0
Conc: N.D.



#27 Chlordane-5

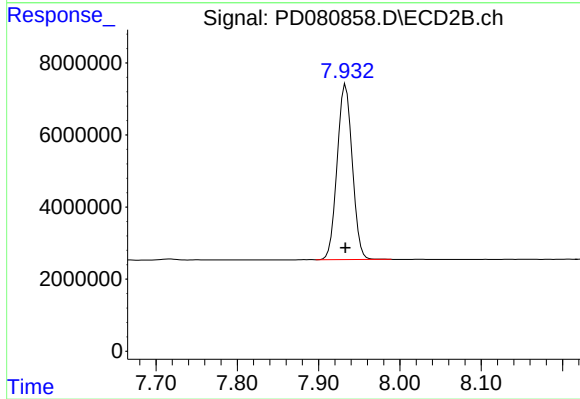
R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 3300450
Conc: 27.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.110 min
Delta R.T.: 0.000 min
Response: 47050088
Conc: 23.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 62829971
Conc: 23.59 ng/ml