

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055741.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 09:18
 Operator : SG\AJ
 Sample : K5111-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:01:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.290	3.963	18524203	26831655	21.729	22.279
28)	SA Decachlor...	7.965	8.998	20562135	30876233	21.735	22.188
Target Compounds							
2)	A alpha-BHC	3.716	4.349	1081659	1805744	0.852	1.025
3)	MA gamma-BHC...	3.992	4.632	1797156	1678694	1.500	0.978 #
4)	MA Heptachlor	4.278	5.138	999599	1843920	0.938	1.064
5)	MB Aldrin	4.517	5.441	1121994	1801180	1.025	1.076
6)	B beta-BHC	4.242	4.800	590098	776835	1.171	0.977
7)	B delta-BHC	4.437	0.000	1030636	0	0.895	N.D. #
8)	B Heptachlo...	4.953	5.824	1066938	1746418	1.037	1.081
9)	A Endosulfan I	5.284	6.180	1080212	2124971	1.108	1.353
10)	B gamma-Chl...	5.176	6.059	1277803	3942778	1.197	2.287 #
11)	B alpha-Chl...	5.233	6.131	1206318	2839831	1.143	1.653 #
12)	B 4,4'-DDE	5.401	6.287	919893	1538257	0.935	0.962
13)	MA Dieldrin	5.524	6.437	1012823	1870763	0.955	1.107
14)	MA Endrin	5.777	6.654	1057848	1436161	1.103	0.996
15)	B Endosulfa...	6.051	6.861	920056	1906159	0.949	1.227 #
16)	A 4,4'-DDD	5.912	6.775	718231	1461060	0.893	1.069
17)	MA 4,4'-DDT	6.149	7.073	583350	1324589	0.815	0.992
18)	B Endrin al...	6.220	6.984	3598792	1492334	4.307	1.113 #
19)	B Endosulfa...	6.431	7.206	6995214	2128374	7.809	1.463 #
20)	A Methoxychlor	6.698	7.530	660406	780977	1.685	0.976 #
21)	B Endrin ke...	6.913	7.676	791035	1704175	0.756	1.027 #
22)	Mirex	7.089	8.129	1410630	1428985	1.711	1.181 #
24)	Chlordane-2	0.000	5.441f	0	1801180	N.D.	34.289 #
25)	Chlordane-3	5.176	6.059	1277803	3942778	13.287	18.005 #
26)	Chlordane-4	5.233	6.131	1206318	2839831	14.344	10.796
27)	Chlordane-5	6.051	0.000	920056	0	30.301	N.D. #

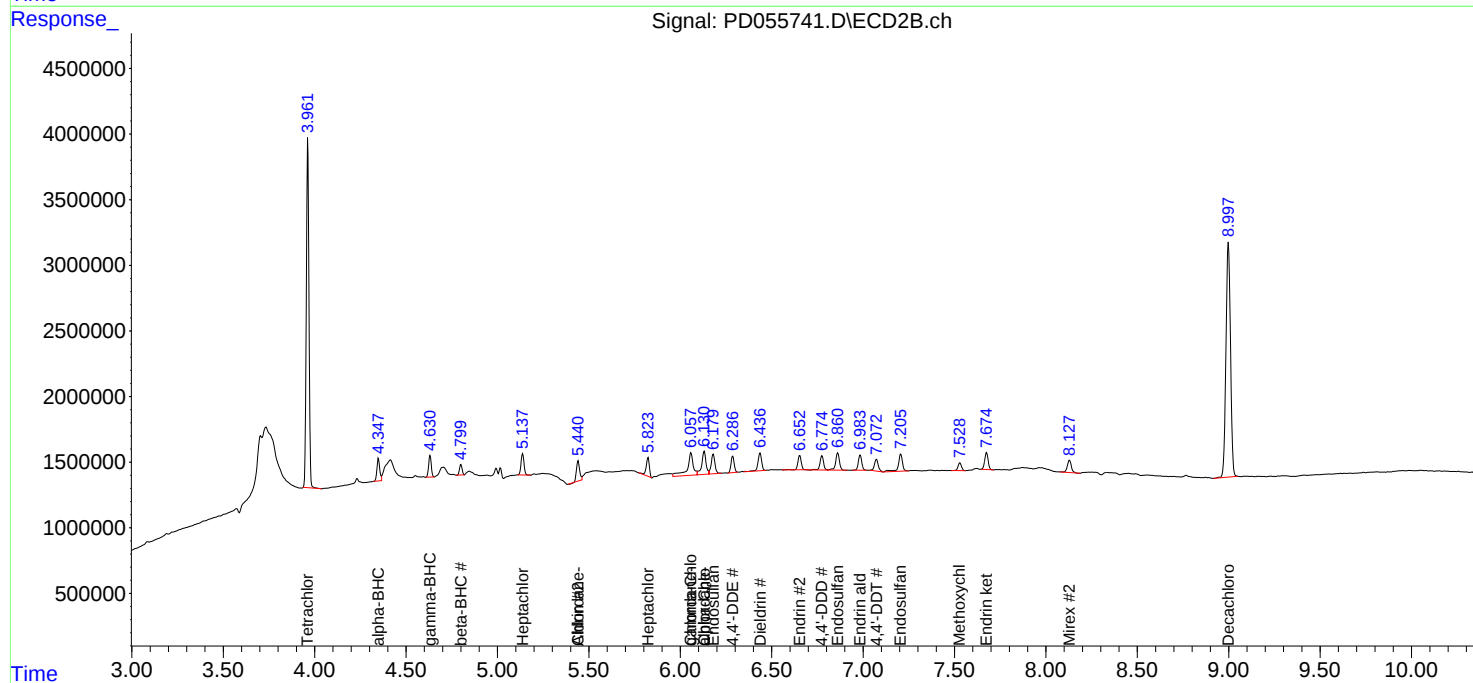
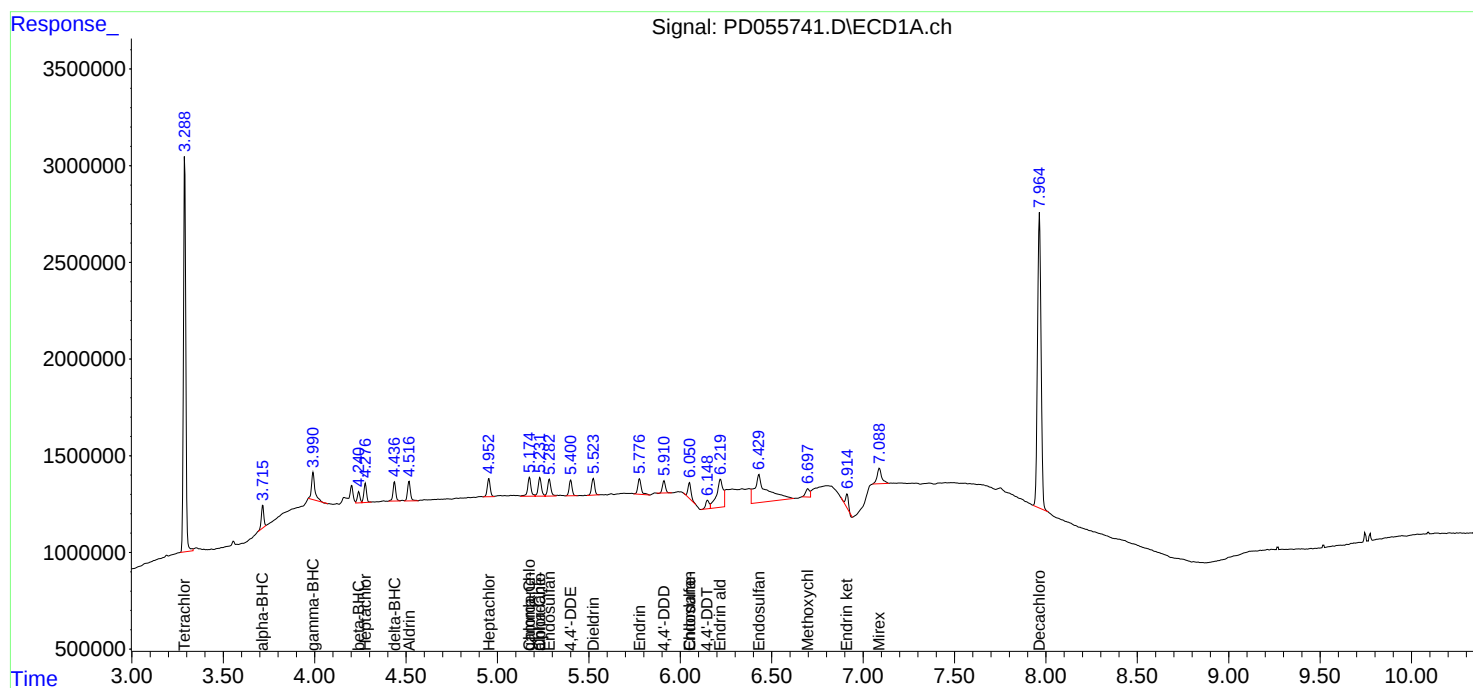
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

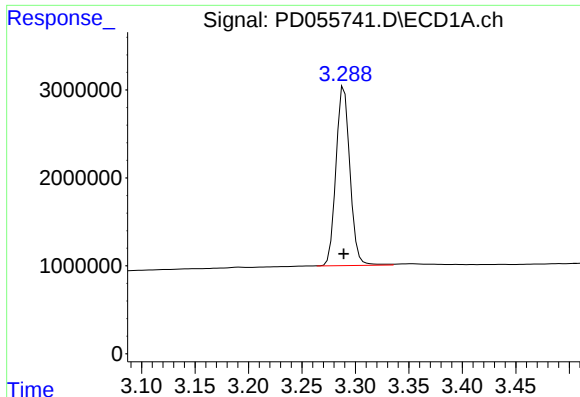
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
Data File : PD055741.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 09:18
Operator : SG\AJ
Sample : K5111-07
Misc : PEST LOD 1 PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 04:01:02 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 06:48:28 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

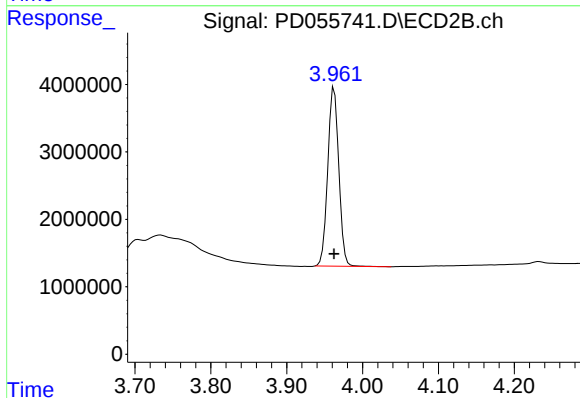




#1 Tetrachloro-m-xylene

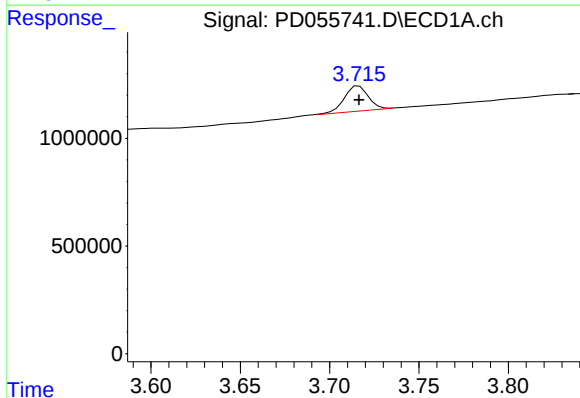
R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 18524203
Conc: 21.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



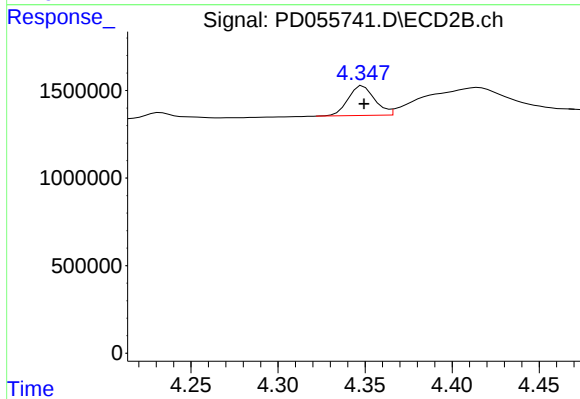
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 26831655
Conc: 22.28 ng/ml



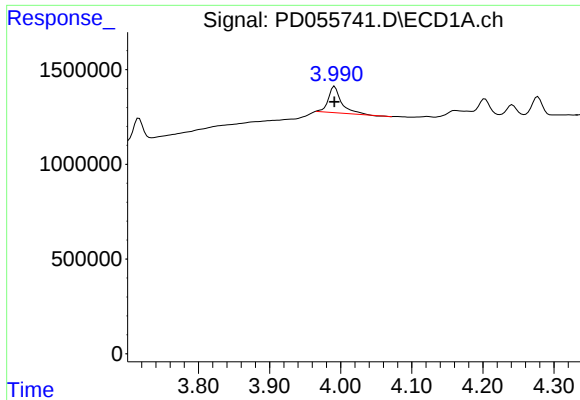
#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 1081659
Conc: 0.85 ng/ml



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 1805744
Conc: 1.02 ng/ml



#3 gamma-BHC (Lindane)

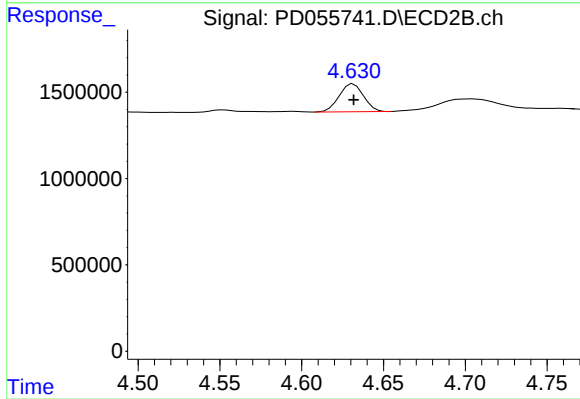
R.T.: 3.992 min

Delta R.T.: 0.000 min

Response: 1797156

Conc: 1.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



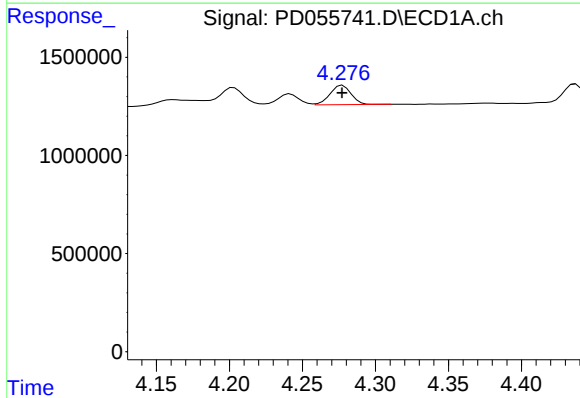
#3 gamma-BHC (Lindane)

R.T.: 4.632 min

Delta R.T.: 0.000 min

Response: 1678694

Conc: 0.98 ng/ml



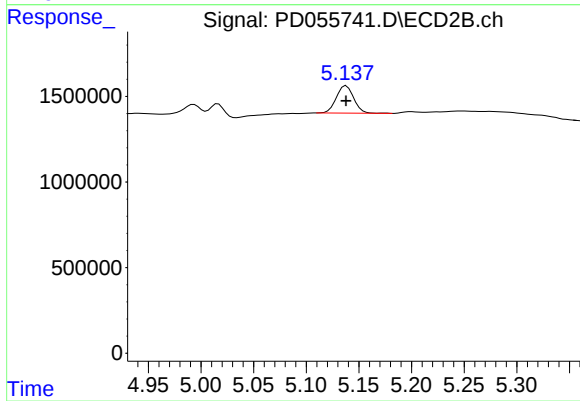
#4 Heptachlor

R.T.: 4.278 min

Delta R.T.: 0.000 min

Response: 999599

Conc: 0.94 ng/ml



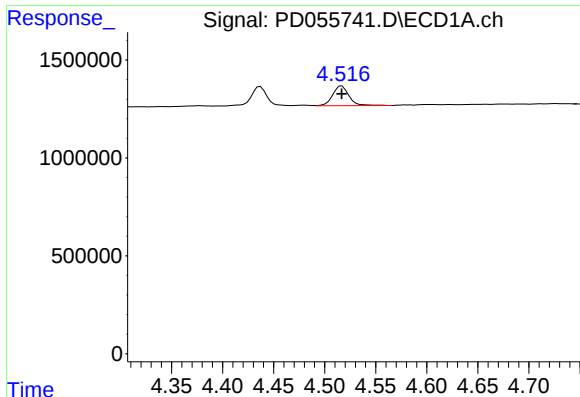
#4 Heptachlor

R.T.: 5.138 min

Delta R.T.: 0.000 min

Response: 1843920

Conc: 1.06 ng/ml



#5 Aldrin

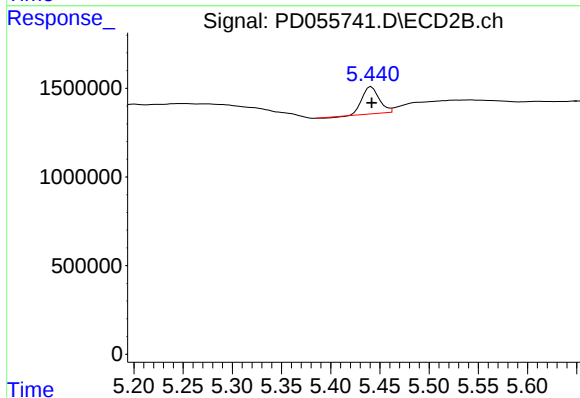
R.T.: 4.517 min

Delta R.T.: 0.000 min

Response: 1121994

Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



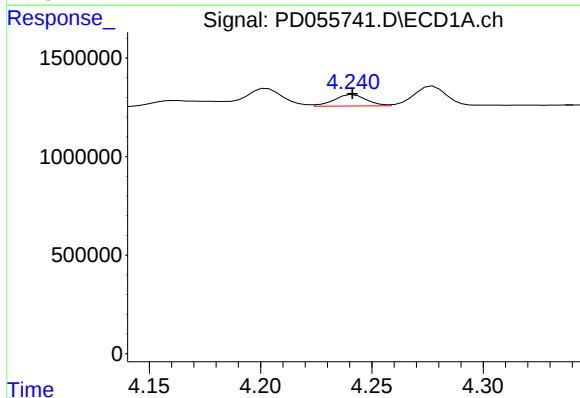
#5 Aldrin

R.T.: 5.441 min

Delta R.T.: 0.000 min

Response: 1801180

Conc: 1.08 ng/ml



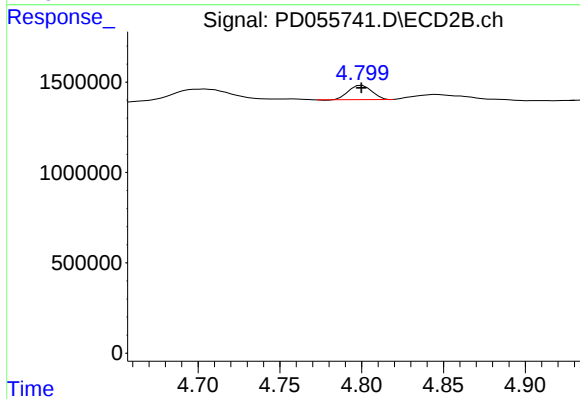
#6 beta-BHC

R.T.: 4.242 min

Delta R.T.: 0.000 min

Response: 590098

Conc: 1.17 ng/ml



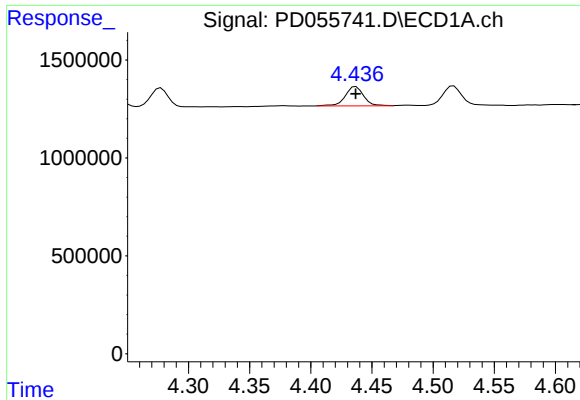
#6 beta-BHC

R.T.: 4.800 min

Delta R.T.: 0.000 min

Response: 776835

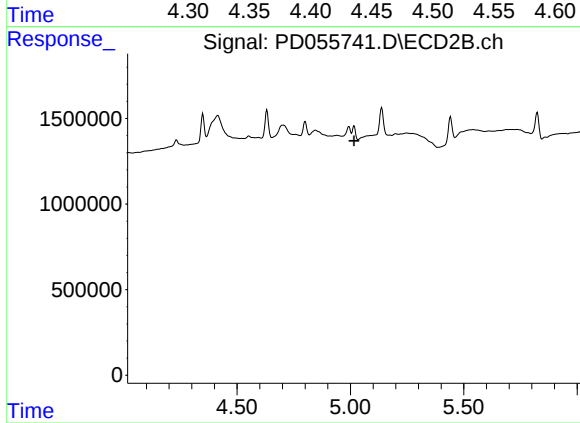
Conc: 0.98 ng/ml



#7 delta-BHC

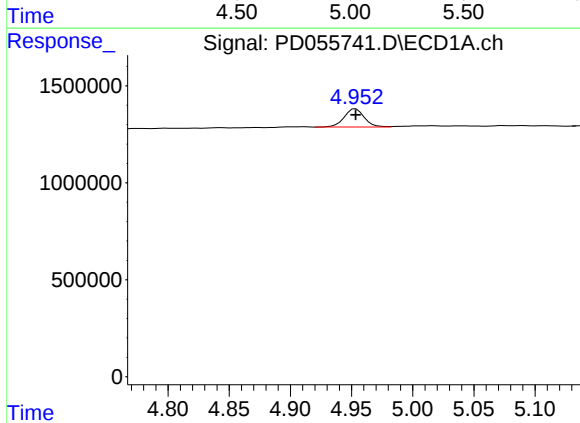
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 1030636
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



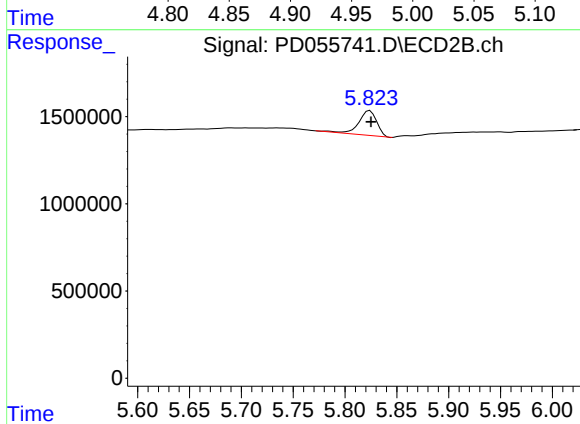
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.016 min
Response: 0
Conc: N.D.



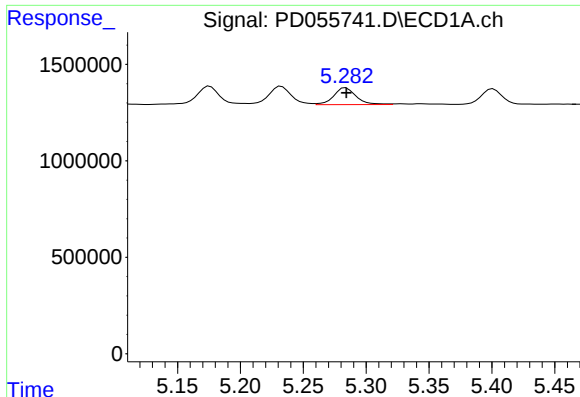
#8 Heptachlor epoxide

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 1066938
Conc: 1.04 ng/ml



#8 Heptachlor epoxide

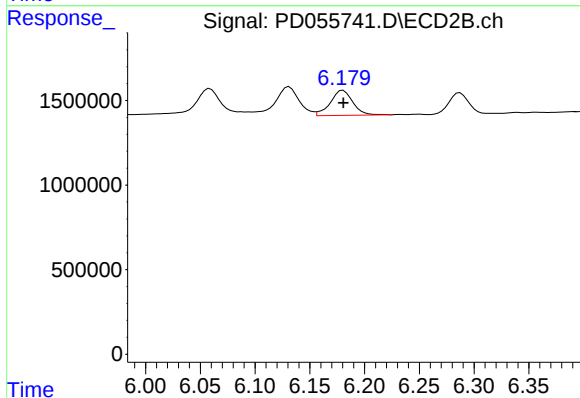
R.T.: 5.824 min
Delta R.T.: -0.001 min
Response: 1746418
Conc: 1.08 ng/ml



#9 Endosulfan I

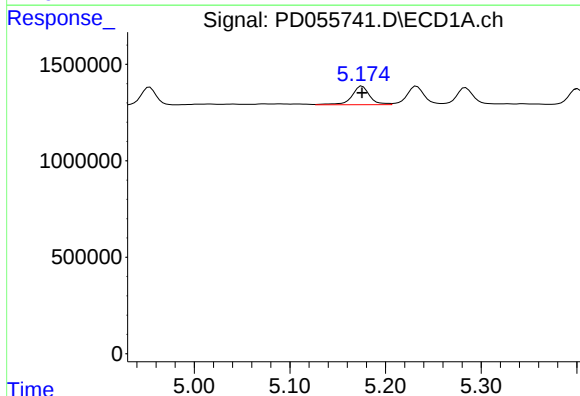
R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 1080212
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



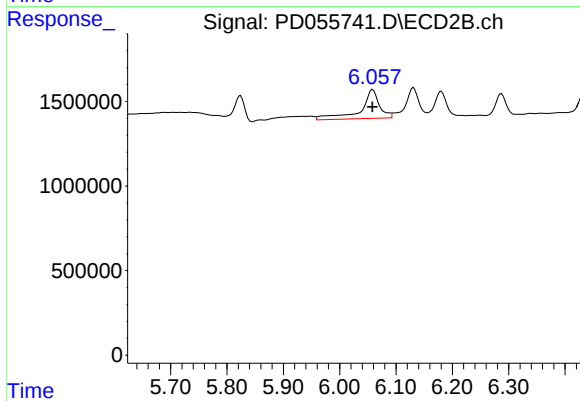
#9 Endosulfan I

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 2124971
Conc: 1.35 ng/ml



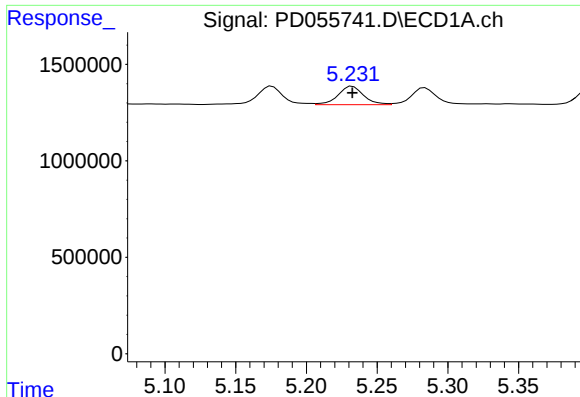
#10 gamma-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 1277803
Conc: 1.20 ng/ml



#10 gamma-Chlordane

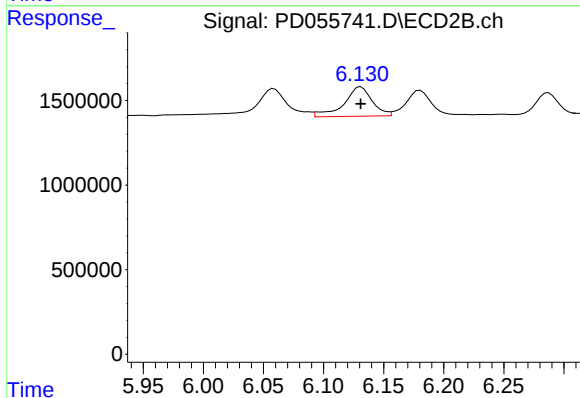
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 3942778
Conc: 2.29 ng/ml



#11 alpha-Chlordane

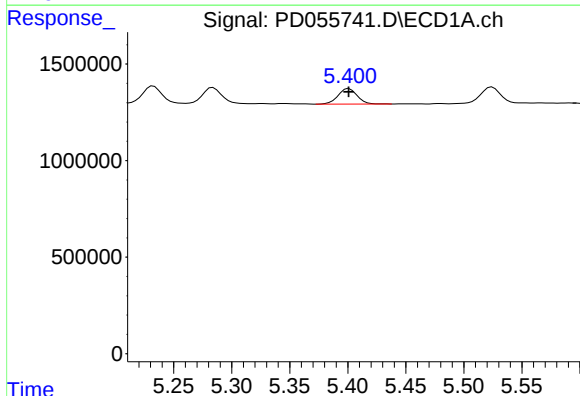
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 1206318
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



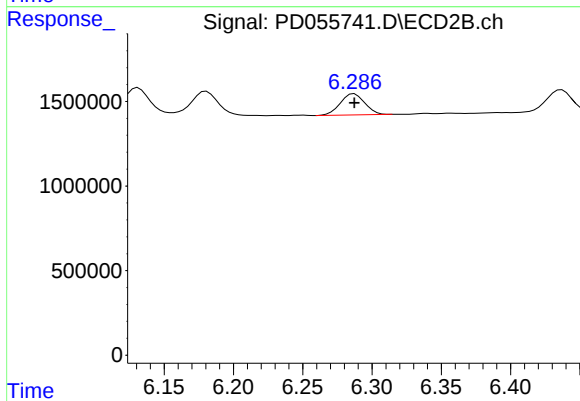
#11 alpha-Chlordane

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 2839831
Conc: 1.65 ng/ml



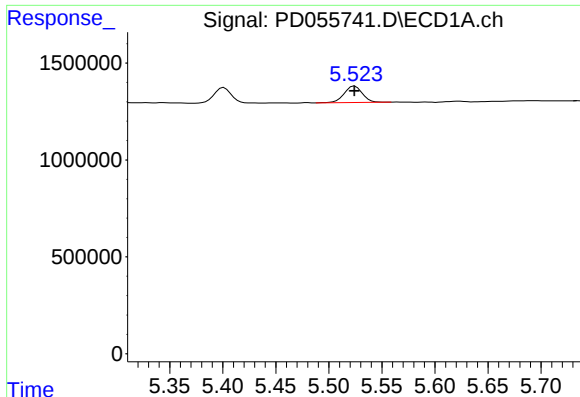
#12 4,4'-DDE

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 919893
Conc: 0.93 ng/ml



#12 4,4'-DDE

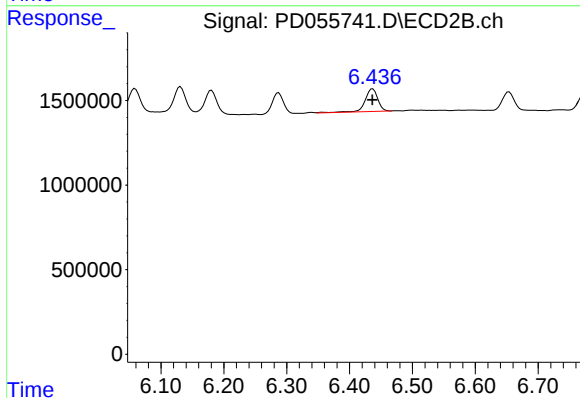
R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 1538257
Conc: 0.96 ng/ml



#13 Dieldrin

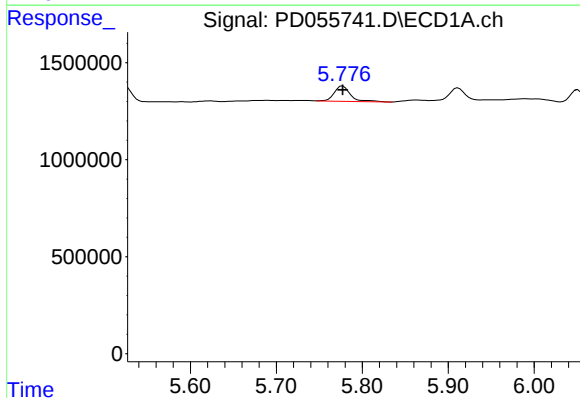
R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 1012823
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



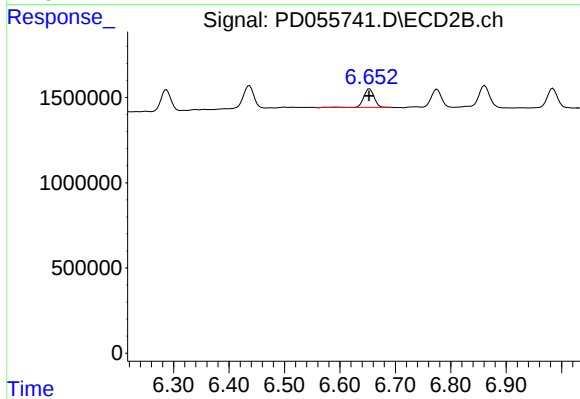
#13 Dieldrin

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 1870763
Conc: 1.11 ng/ml



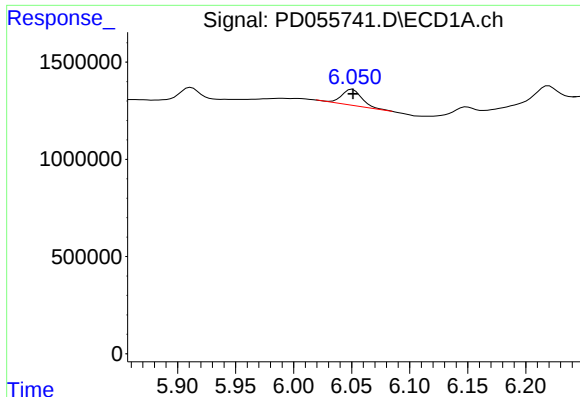
#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 1057848
Conc: 1.10 ng/ml



#14 Endrin

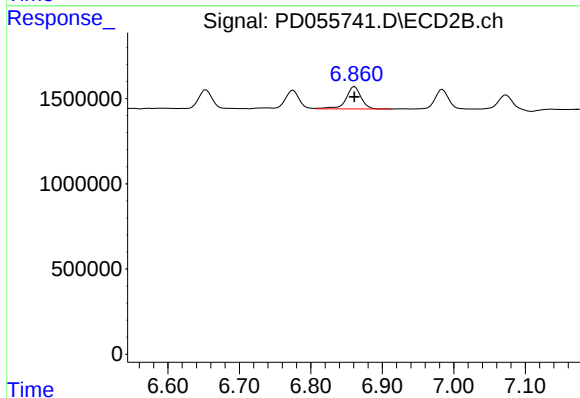
R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 1436161
Conc: 1.00 ng/ml



#15 Endosulfan II

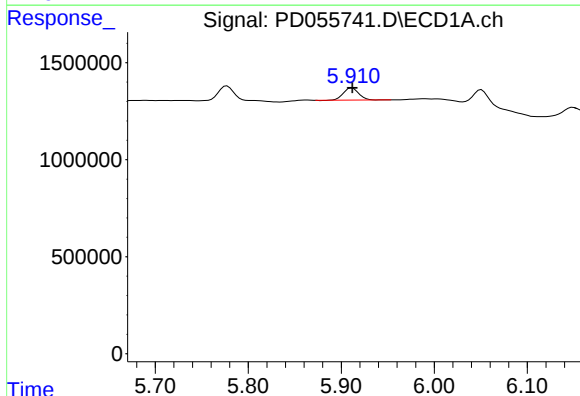
R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 920056
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



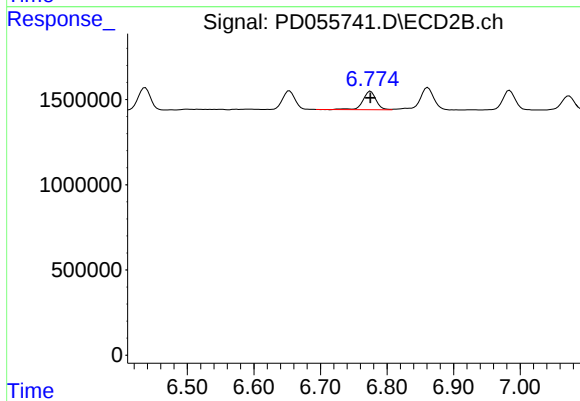
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 1906159
Conc: 1.23 ng/ml



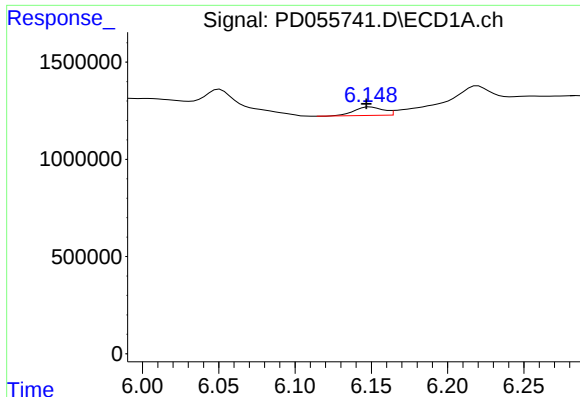
#16 4,4'-DDD

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 718231
Conc: 0.89 ng/ml



#16 4,4'-DDD

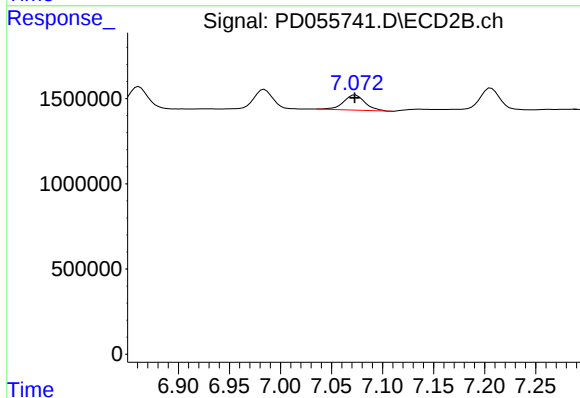
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 1461060
Conc: 1.07 ng/ml



#17 4,4'-DDT

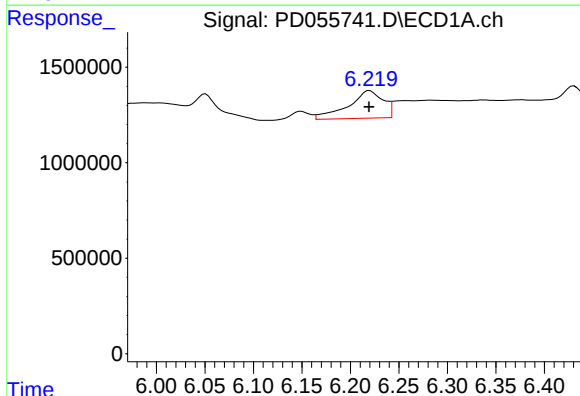
R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 583350
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



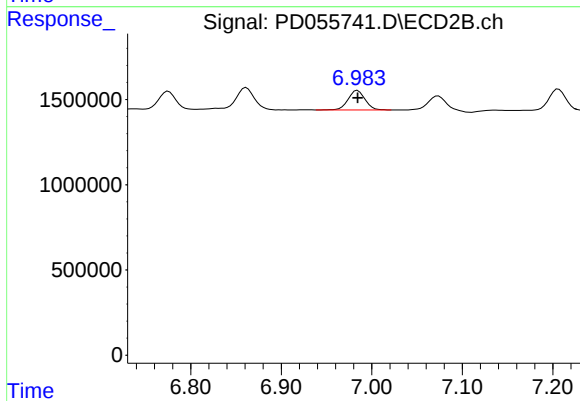
#17 4,4'-DDT

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 1324589
Conc: 0.99 ng/ml



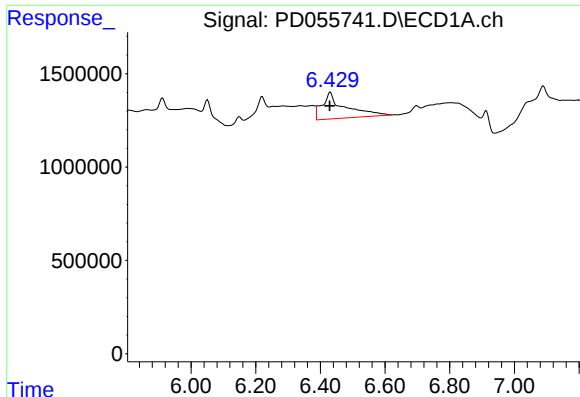
#18 Endrin aldehyde

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 3598792
Conc: 4.31 ng/ml



#18 Endrin aldehyde

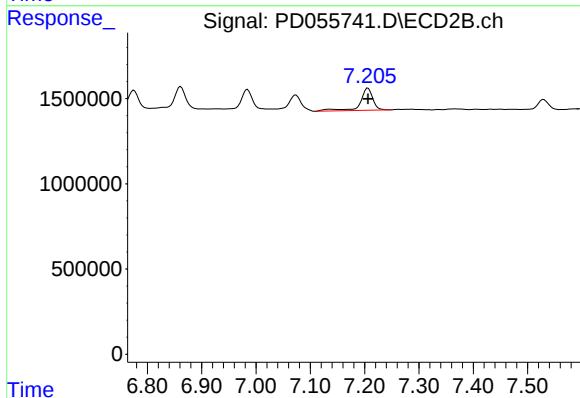
R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 1492334
Conc: 1.11 ng/ml



#19 Endosulfan Sulfate

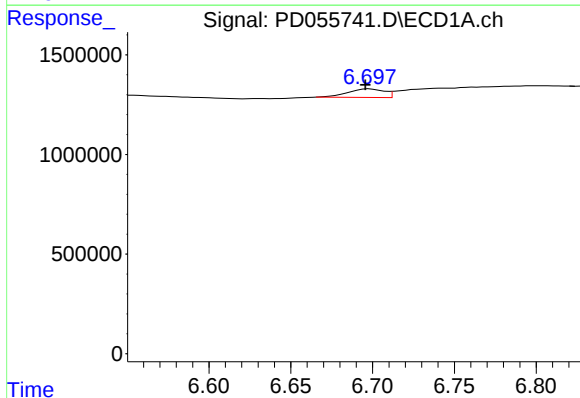
R.T.: 6.431 min
Delta R.T.: 0.001 min
Response: 6995214
Conc: 7.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



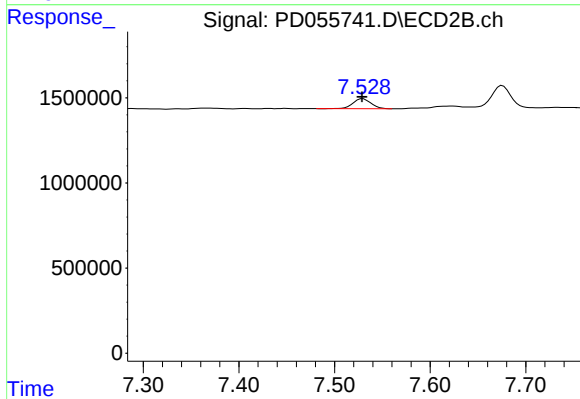
#19 Endosulfan Sulfate

R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 2128374
Conc: 1.46 ng/ml



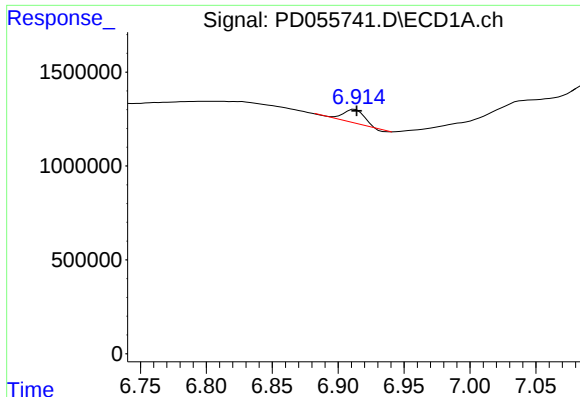
#20 Methoxychlor

R.T.: 6.698 min
Delta R.T.: 0.003 min
Response: 660406
Conc: 1.69 ng/ml



#20 Methoxychlor

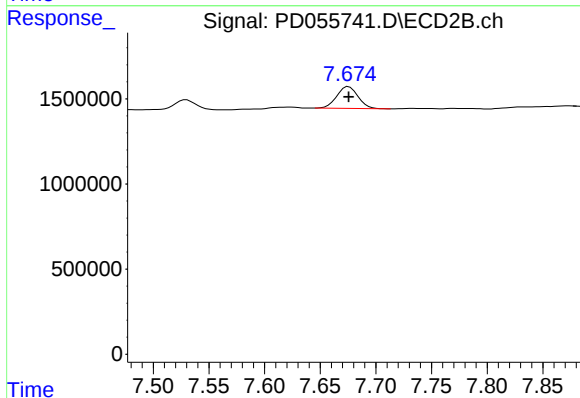
R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 780977
Conc: 0.98 ng/ml



#21 Endrin ketone

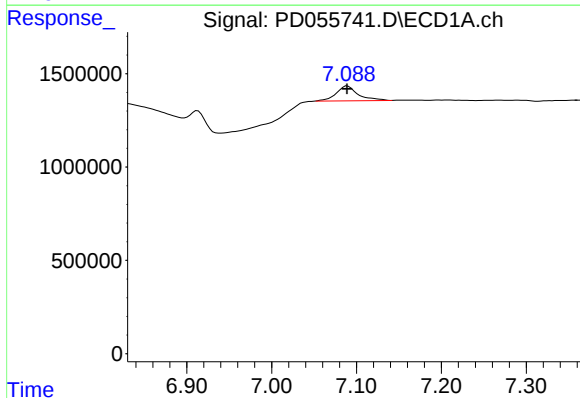
R.T.: 6.913 min
Delta R.T.: -0.001 min
Response: 791035
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



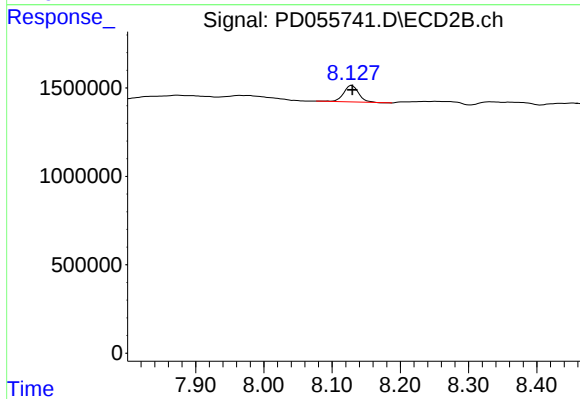
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 1704175
Conc: 1.03 ng/ml



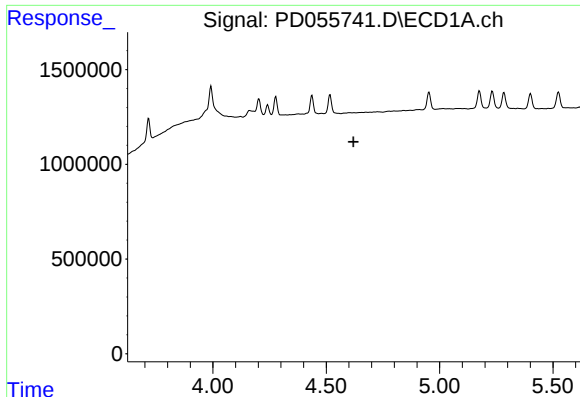
#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 1410630
Conc: 1.71 ng/ml



#22 Mirex

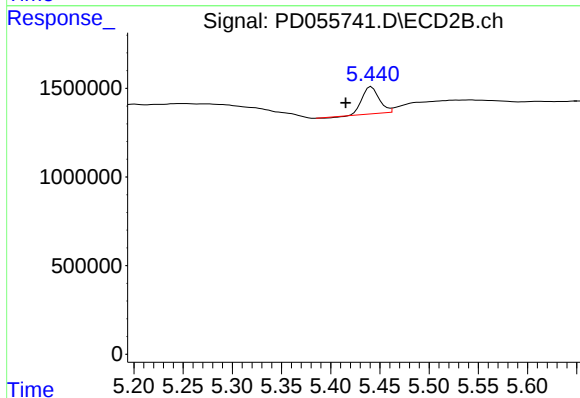
R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 1428985
Conc: 1.18 ng/ml



#24 Chlordane-2

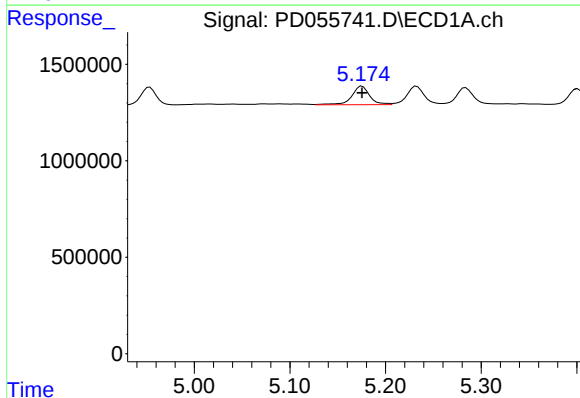
R.T.: 0.000 min
Exp R.T.: 4.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



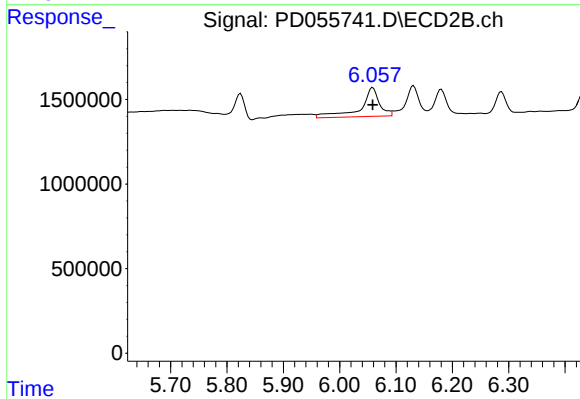
#24 Chlordane-2

R.T.: 5.441 min
Delta R.T.: 0.026 min
Response: 1801180
Conc: 34.29 ng/ml



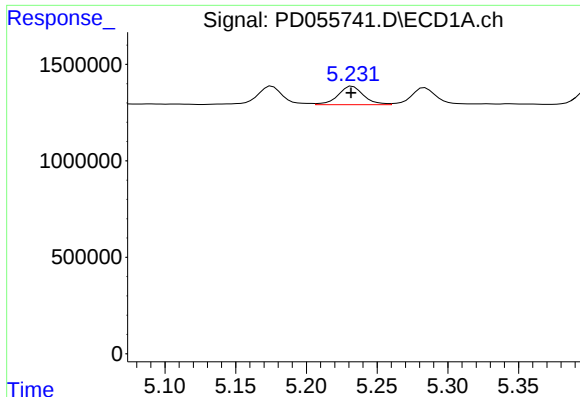
#25 Chlordane-3

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 1277803
Conc: 13.29 ng/ml



#25 Chlordane-3

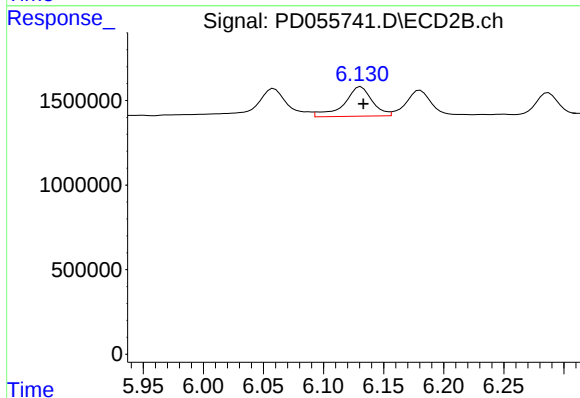
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 3942778
Conc: 18.01 ng/ml



#26 Chlordane-4

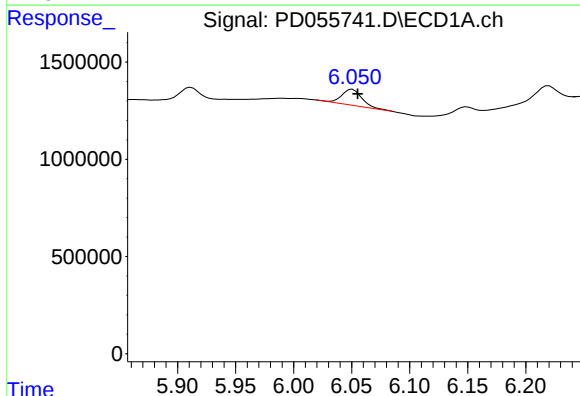
R.T.: 5.233 min
Delta R.T.: 0.001 min
Response: 1206318
Conc: 14.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



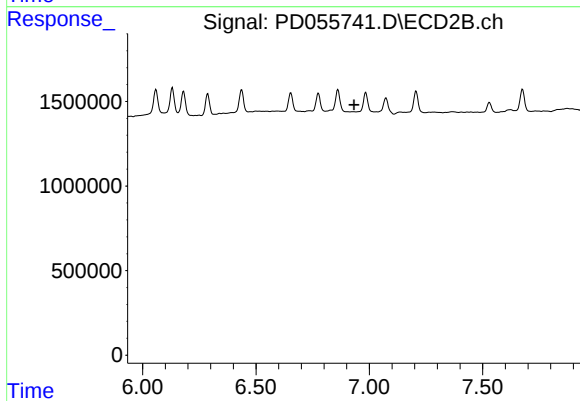
#26 Chlordane-4

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 2839831
Conc: 10.80 ng/ml



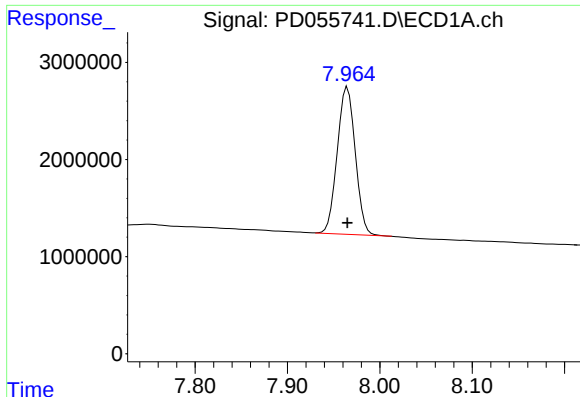
#27 Chlordane-5

R.T.: 6.051 min
Delta R.T.: -0.005 min
Response: 920056
Conc: 30.30 ng/ml



#27 Chlordane-5

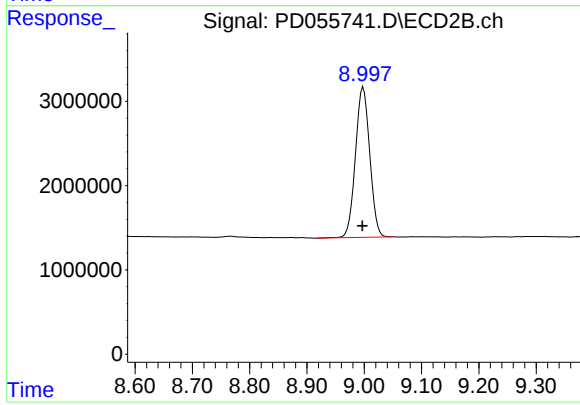
R.T.: 0.000 min
Exp R.T.: 6.933 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 20562135
Conc: 21.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.001 min
Response: 30876233
Conc: 22.19 ng/ml