

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102120\
 Data File : PD059861.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2020 01:17
 Operator : DD\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:37:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 20 07:13:18 2020
 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...	3.508	4.024	31016107	50495630	20.888	20.573
28)	SA Decachlor...	8.307	9.107	37132836	41373594	24.017	22.847
Target Compounds							
2)	A alpha-BHC	3.950	4.414	23264947	37510163	9.625	9.791
3)	MA gamma-BHC...	4.236	4.700	22467641	33266652	9.863	9.481
4)	MA Heptachlor	0.000	5.238f	0	981463	N.D.	0.288 #
5)	MB Aldrin	0.000	5.513	0	1649082	N.D.	0.525 #
6)	B beta-BHC	4.486	4.868	10408124	15113341	11.071	10.319
12)	B 4,4'-DDE	5.694	6.367	472734	670153	0.233	0.244
13)	MA Dieldrin	0.000	6.525	0	426800	N.D.	0.149 #
14)	MA Endrin	6.089	6.738	94381197	123.8E6	51.353	50.011
15)	B Endosulfa...	0.000	6.951	0	2505284	N.D.	0.966 #
16)	A 4,4'-DDD	6.214	6.857	1768386	4207140	1.059	1.818 #
17)	MA 4,4'-DDT	6.458	7.156	193.2E6	244.1E6	107.646	103.038
18)	B Endrin al...	6.530	7.069	1270697	1895363	0.875	0.917
19)	B Endosulfa...	6.757	0.000	147289	0	0.091	N.D. #
20)	A Methoxychlor	7.007	7.613	239.0E6	302.8E6	252.311	237.869
21)	B Endrin ke...	7.241	7.765	3425731	4158953	1.827	1.674
22)	Mirex	7.452f	0.000	941897	0	0.657	N.D. #
23)	Chlordane-1	4.415f	5.002f	2928284	465020	47.637	4.862 #
24)	Chlordane-2	0.000	5.513f	0	1649082	N.D.	16.734 #

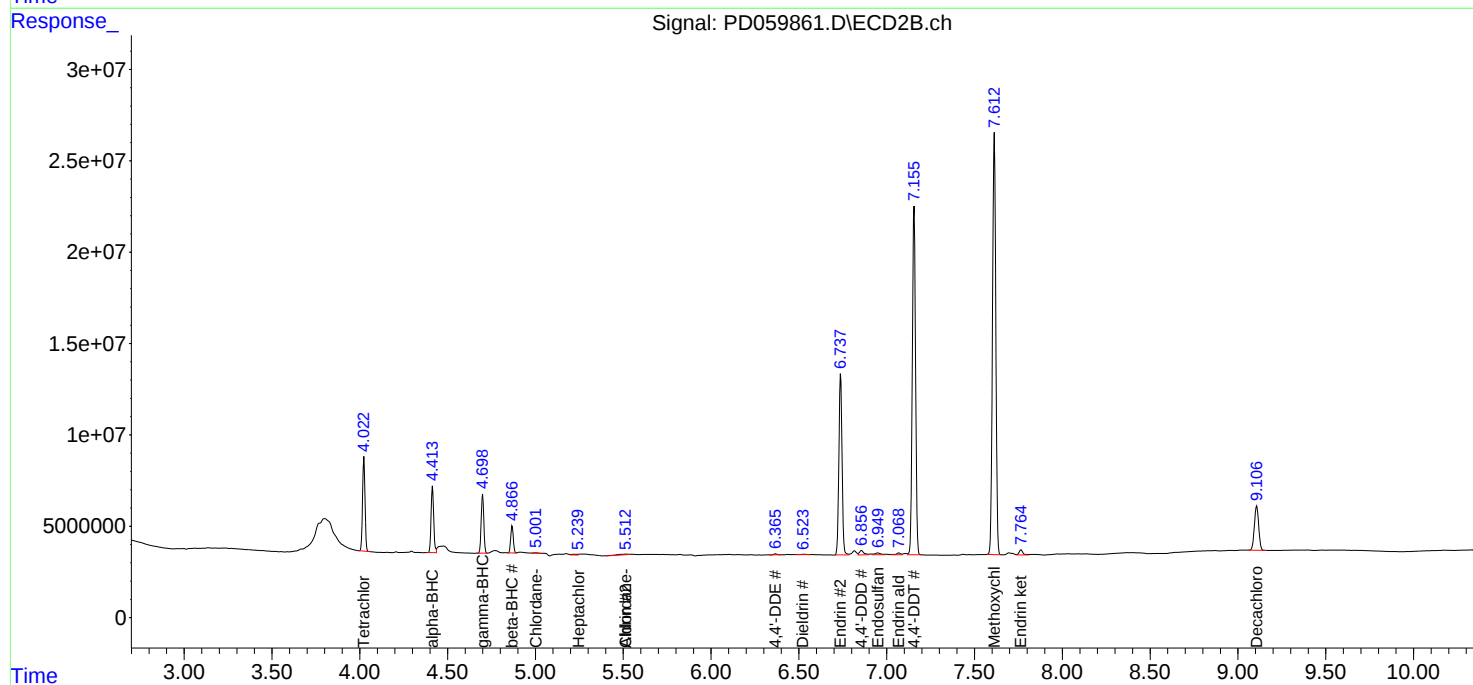
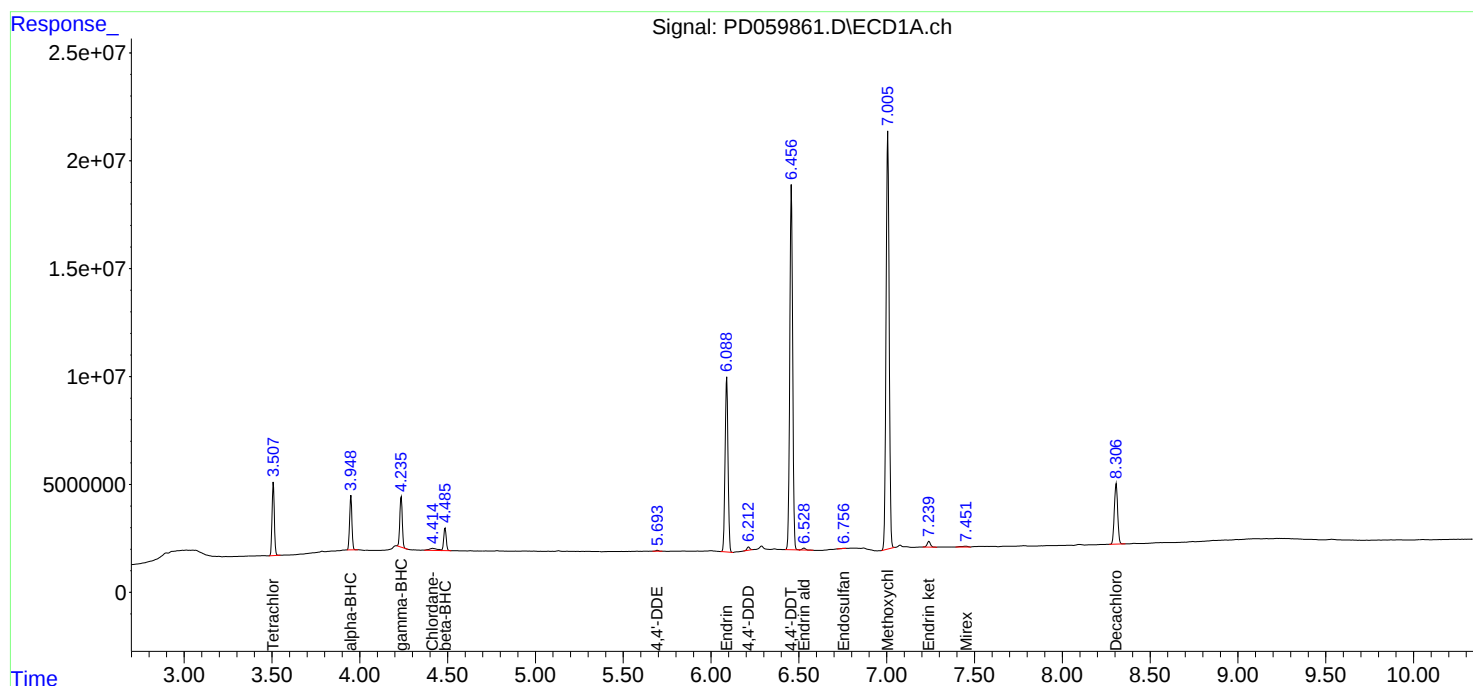
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

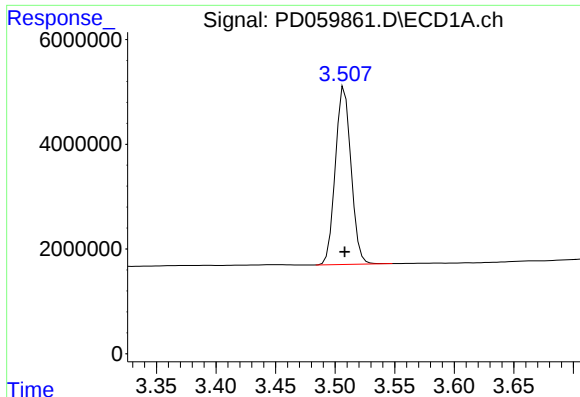
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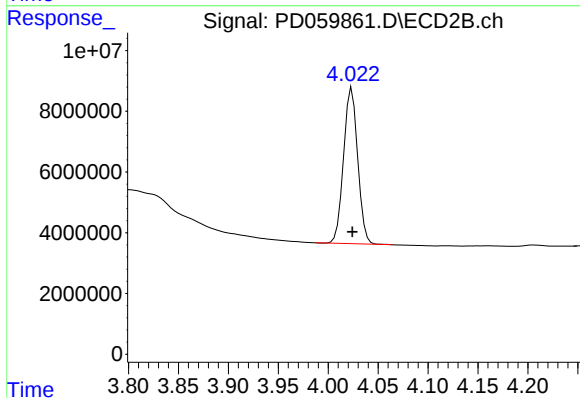




#1 Tetrachloro-m-xylene

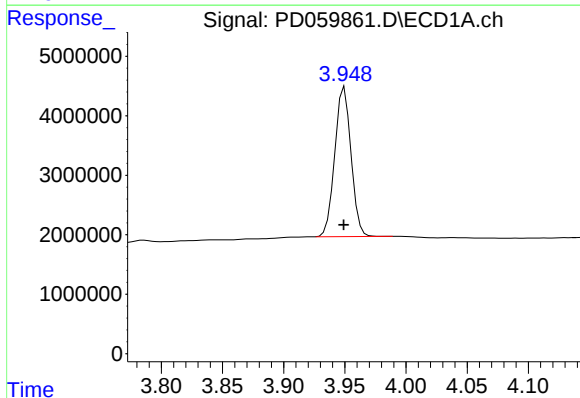
R.T.: 3.508 min
Delta R.T.: 0.000 min
Response: 31016107
Conc: 20.89 ng/ml

Instrument :
ECD_D
ClientSampleId :



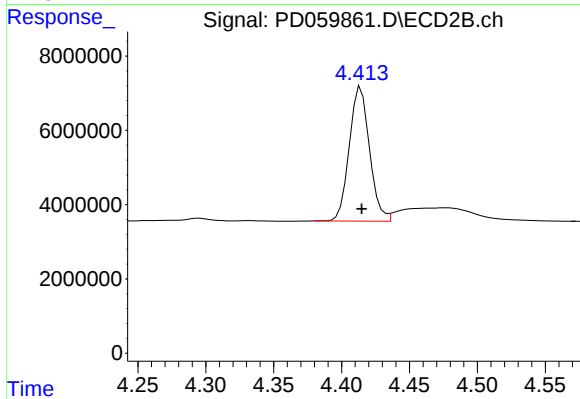
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 50495630
Conc: 20.57 ng/ml



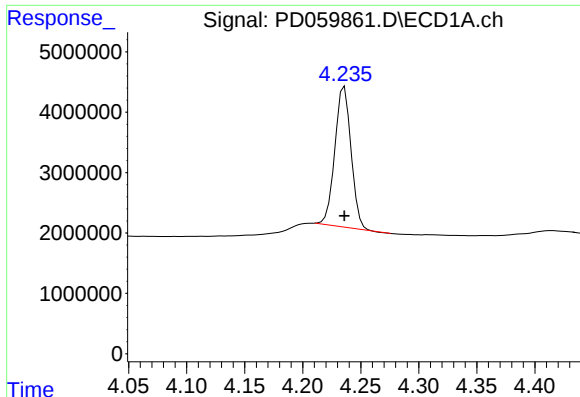
#2 alpha-BHC

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 23264947
Conc: 9.63 ng/ml



#2 alpha-BHC

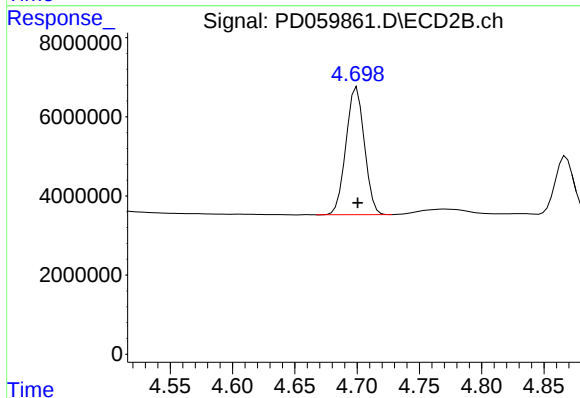
R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 37510163
Conc: 9.79 ng/ml



#3 gamma-BHC (Lindane)

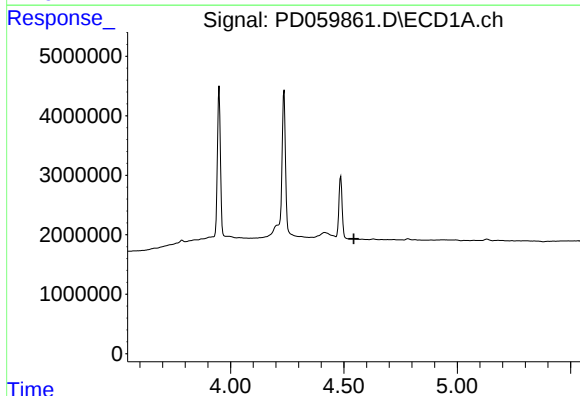
R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 22467641
Conc: 9.86 ng/ml

Instrument :
ECD_D
ClientSampleId :



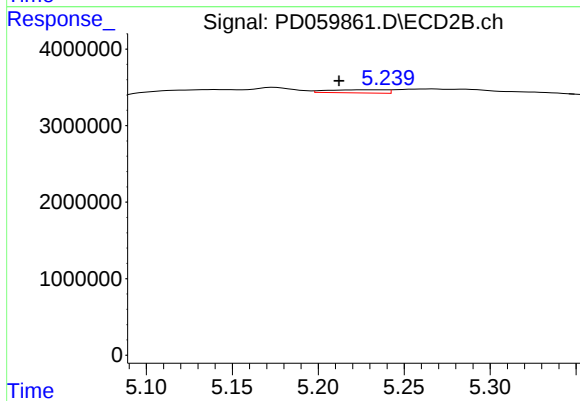
#3 gamma-BHC (Lindane)

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 33266652
Conc: 9.48 ng/ml



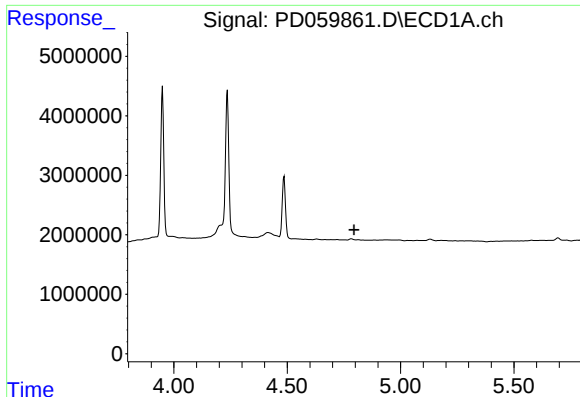
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.543 min
Response: 0
Conc: N.D.



#4 Heptachlor

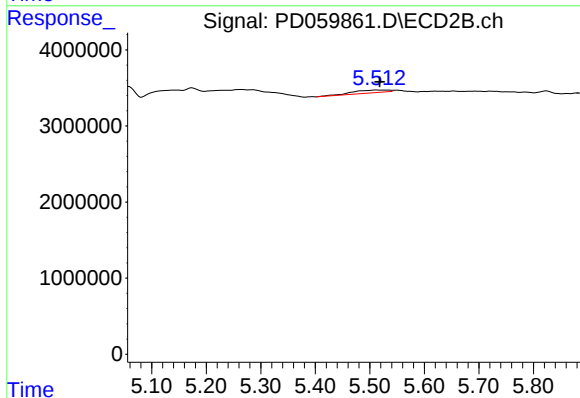
R.T.: 5.238 min
Delta R.T.: 0.025 min
Response: 981463
Conc: 0.29 ng/ml



#5 Aldrin

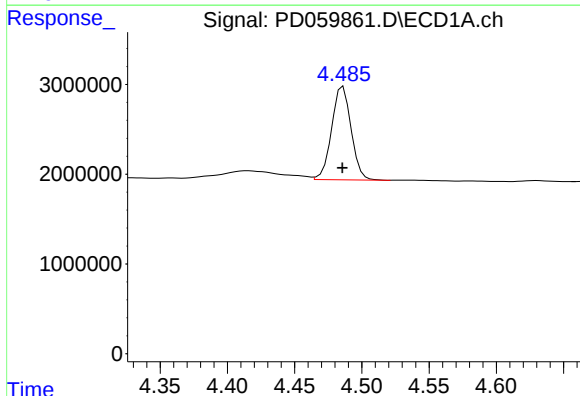
R.T.: 0.000 min
Exp R.T.: 4.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



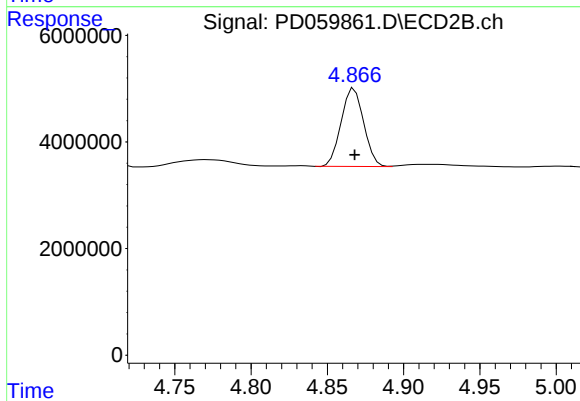
#5 Aldrin

R.T.: 5.513 min
Delta R.T.: -0.005 min
Response: 1649082
Conc: 0.52 ng/ml



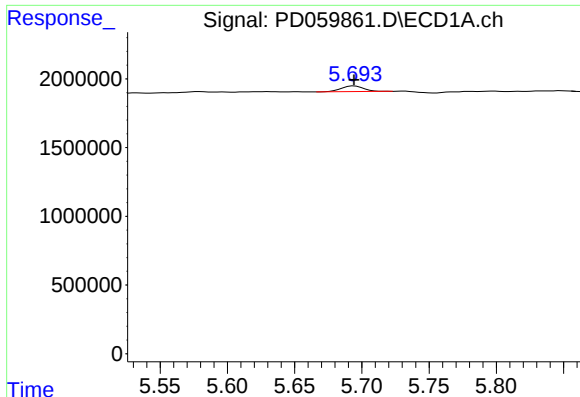
#6 beta-BHC

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 10408124
Conc: 11.07 ng/ml



#6 beta-BHC

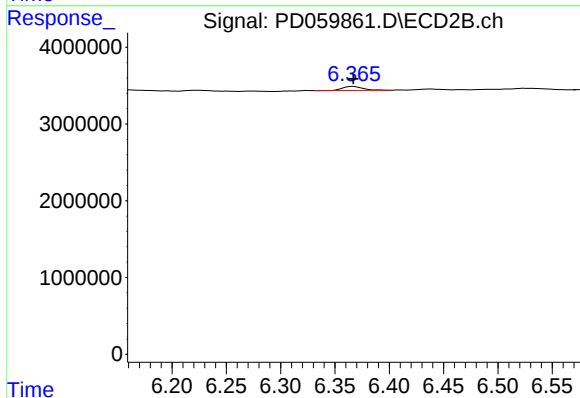
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 15113341
Conc: 10.32 ng/ml



#12 4,4'-DDE

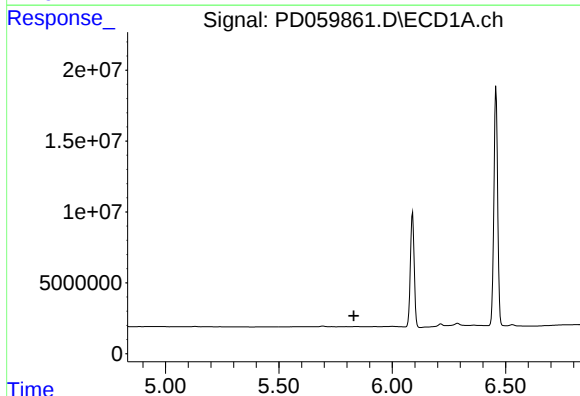
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 472734
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :



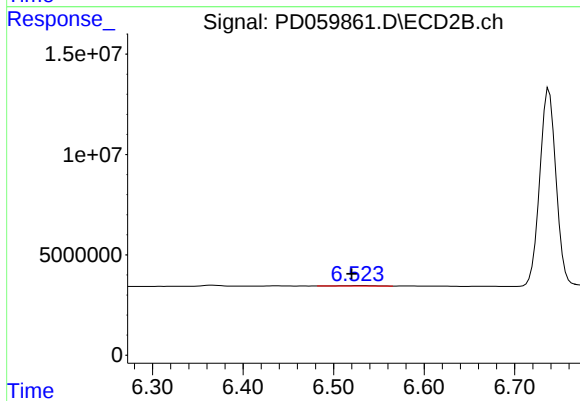
#12 4,4'-DDE

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 670153
Conc: 0.24 ng/ml



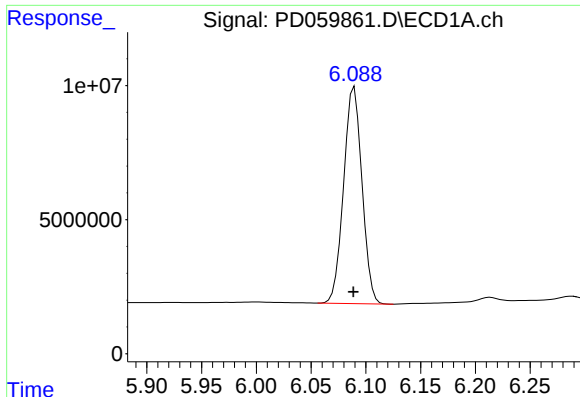
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.830 min
Response: 0
Conc: N.D.



#13 Dieldrin

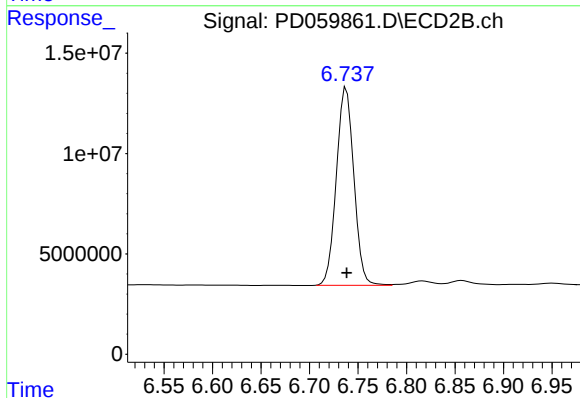
R.T.: 6.525 min
Delta R.T.: 0.005 min
Response: 426800
Conc: 0.15 ng/ml



#14 Endrin

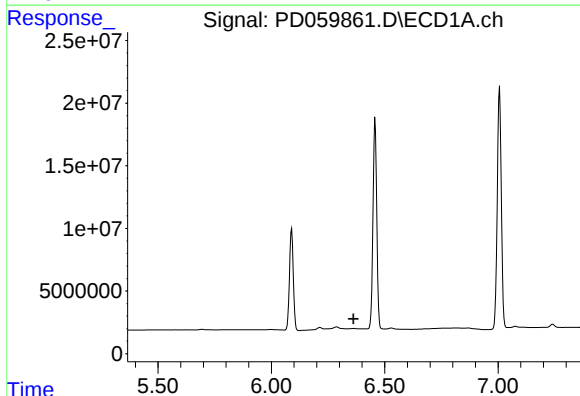
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 94381197
Conc: 51.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



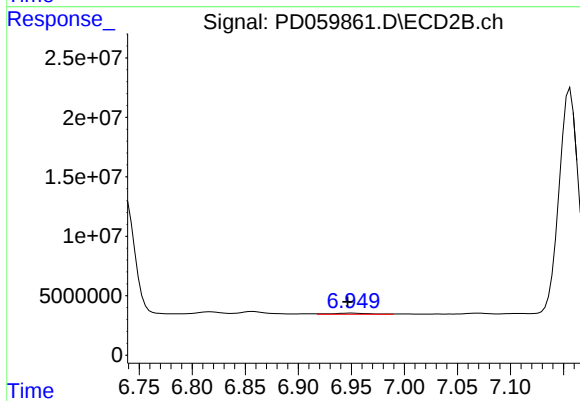
#14 Endrin

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 123752427
Conc: 50.01 ng/ml



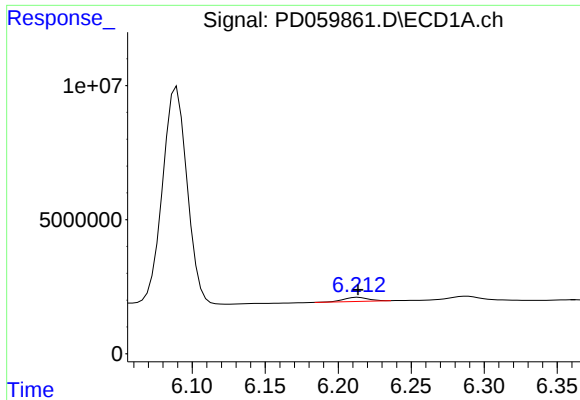
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.362 min
Response: 0
Conc: N.D.



#15 Endosulfan II

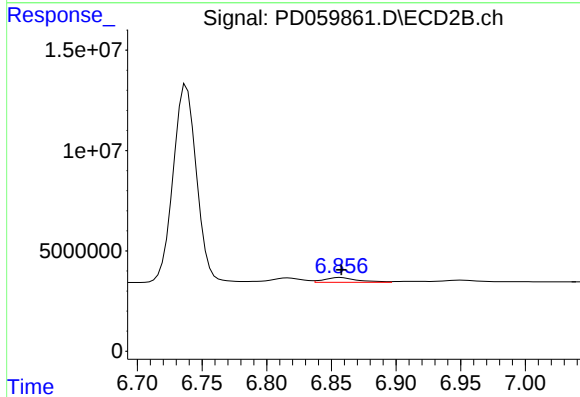
R.T.: 6.951 min
Delta R.T.: 0.004 min
Response: 2505284
Conc: 0.97 ng/ml



#16 4,4'-DDD

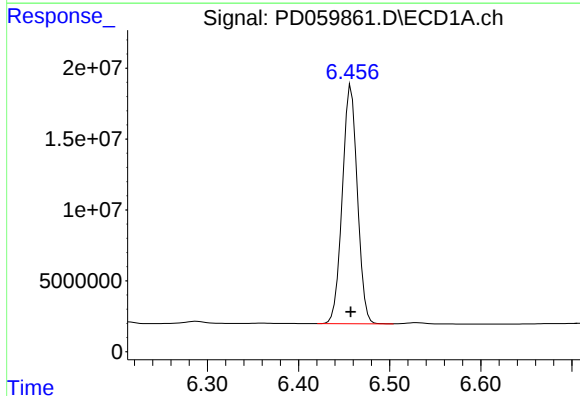
R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 1768386
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



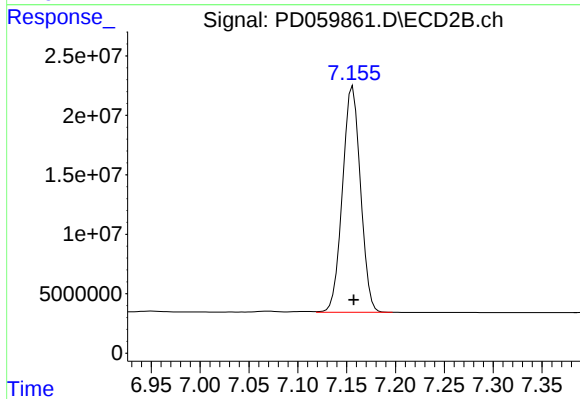
#16 4,4'-DDD

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 4207140
Conc: 1.82 ng/ml



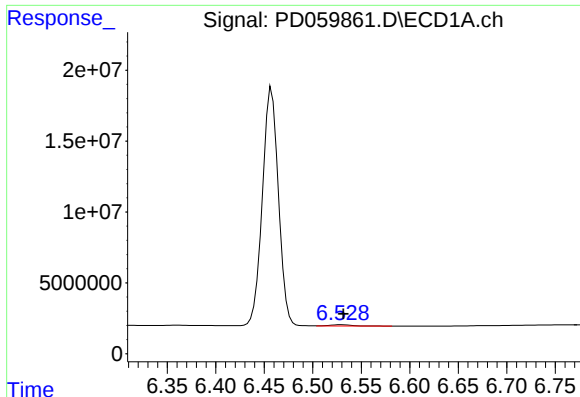
#17 4,4'-DDT

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 193182541
Conc: 107.65 ng/ml



#17 4,4'-DDT

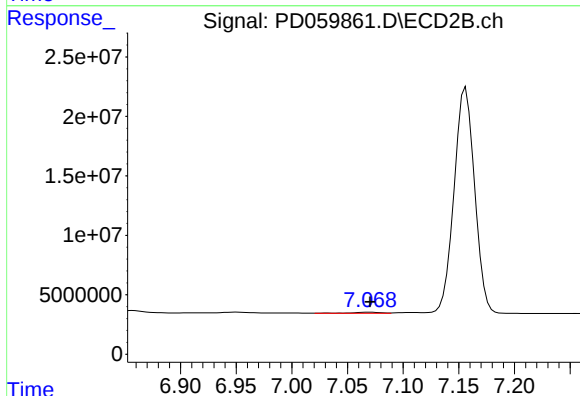
R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 244070574
Conc: 103.04 ng/ml



#18 Endrin aldehyde

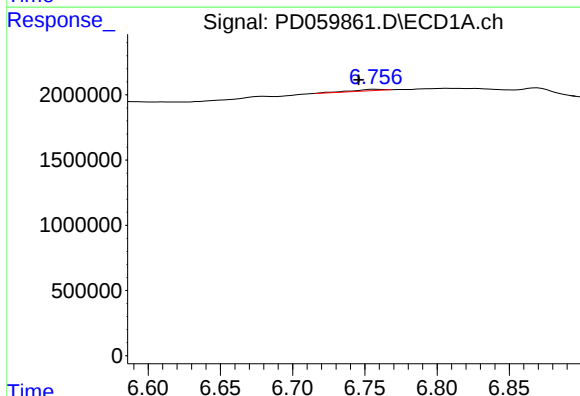
R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 1270697
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



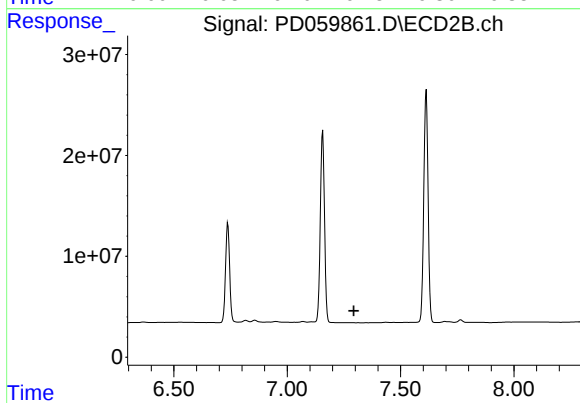
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.001 min
Response: 1895363
Conc: 0.92 ng/ml



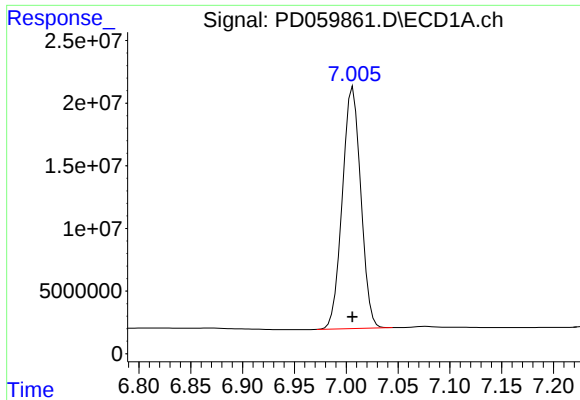
#19 Endosulfan Sulfate

R.T.: 6.757 min
Delta R.T.: 0.011 min
Response: 147289
Conc: 0.09 ng/ml



#19 Endosulfan Sulfate

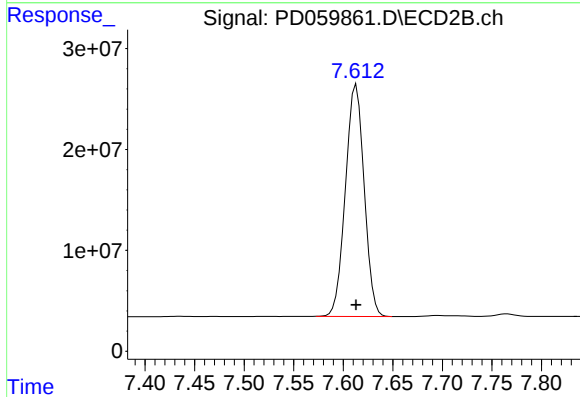
R.T.: 0.000 min
Exp R.T. : 7.294 min
Response: 0
Conc: N.D.



#20 Methoxychlor

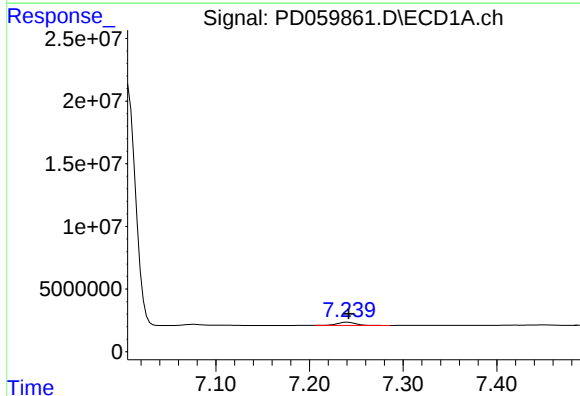
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 239011663
Conc: 252.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



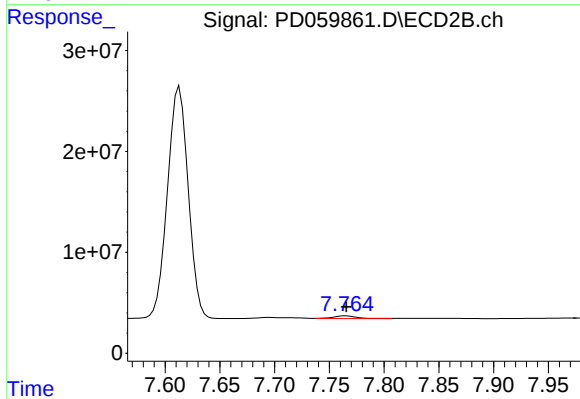
#20 Methoxychlor

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 302785793
Conc: 237.87 ng/ml



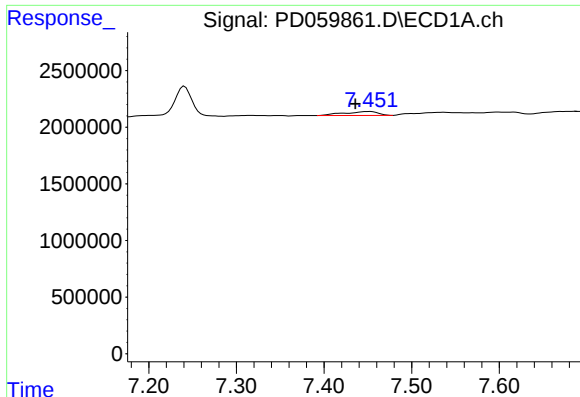
#21 Endrin ketone

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 3425731
Conc: 1.83 ng/ml



#21 Endrin ketone

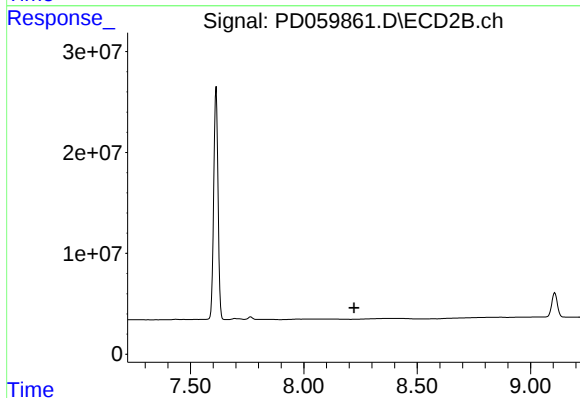
R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 4158953
Conc: 1.67 ng/ml



#22 Mirex

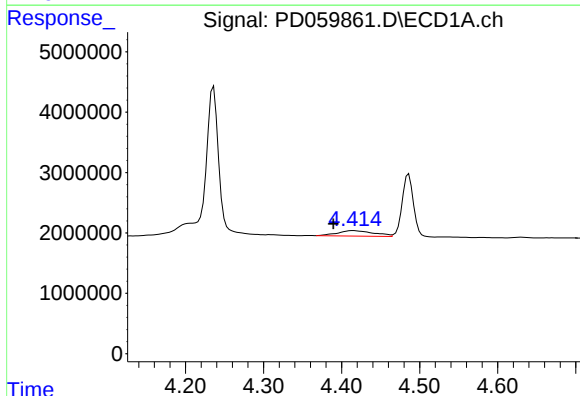
R.T.: 7.452 min
Delta R.T.: 0.016 min
Response: 941897
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



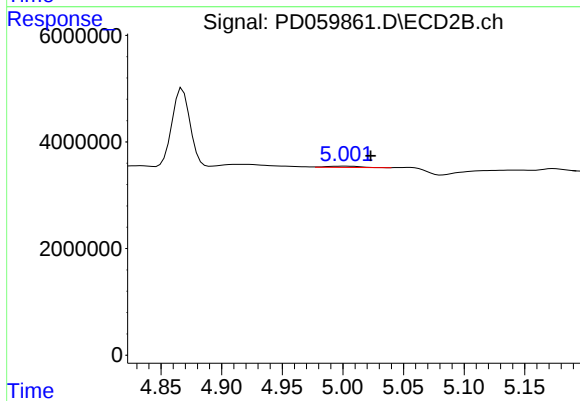
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.221 min
Response: 0
Conc: N.D.



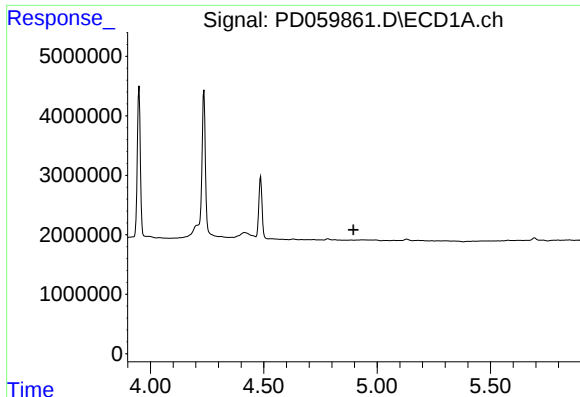
#23 Chlordane-1

R.T.: 4.415 min
Delta R.T.: 0.026 min
Response: 2928284
Conc: 47.64 ng/ml



#23 Chlordane-1

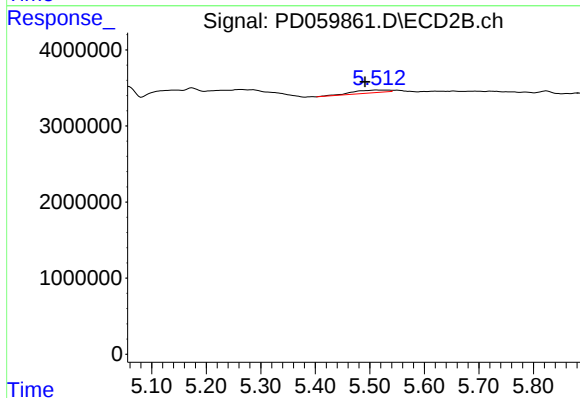
R.T.: 5.002 min
Delta R.T.: -0.021 min
Response: 465020
Conc: 4.86 ng/ml



#24 Chlordane-2

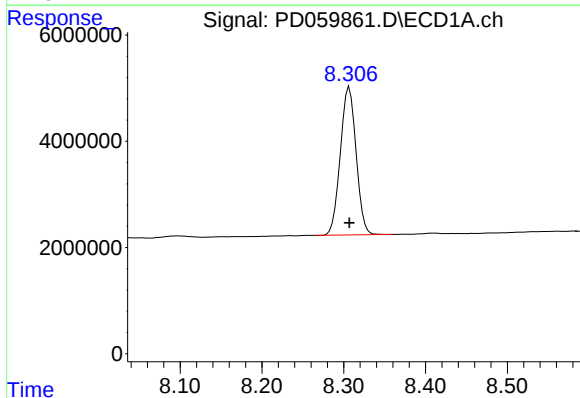
R.T.: 0.000 min
Exp R.T.: 4.896 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



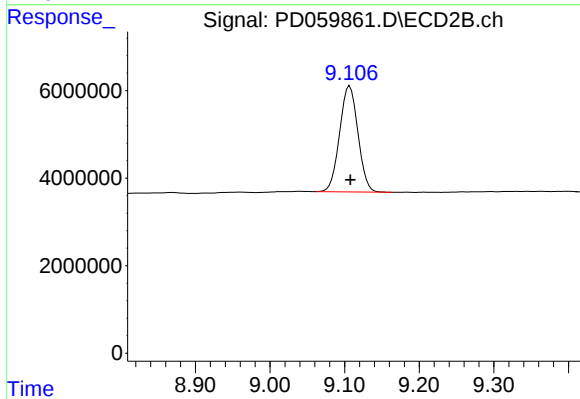
#24 Chlordane-2

R.T.: 5.513 min
Delta R.T.: 0.022 min
Response: 1649082
Conc: 16.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 37132836
Conc: 24.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.107 min
Delta R.T.: 0.000 min
Response: 41373594
Conc: 22.85 ng/ml