

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081820\
 Data File : PD059001.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2020 08:41
 Operator : DD\AJ
 Sample : PEM45
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM45

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 05:40:41 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080620CLP.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 06 11:29:05 2020
 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.207	3.865	18988615	29257543	19.635	20.202
27)	SA Decachlor...	7.842	8.862	18940329	23111874	17.982	16.853
Target Compounds							
2)	A alpha-BHC	3.629	4.248	13860846	20636642	9.857	9.943
3)	MA gamma-BHC...	3.900	4.529	13631727	18386617	9.808	9.673
4)	MA Heptachlor	4.150f	0.000	5685395	0	4.756	N.D. #
6)	B beta-BHC	4.150	4.701	5685395	8293711	9.654	9.536
8)	B Heptachlo...	0.000	5.711	0	3385900	N.D.	2.033
14)	MA Endrin	5.663	6.537	46565398	66251015	46.874	48.836
16)	A 4,4'-DDD	5.801	6.665	1502475	2333053	1.593	1.780
17)	MA 4,4'-DDT	6.033	6.962	87567904	127.5E6	97.372	96.604
18)	B Endrin al...	6.033f	6.871	87567904	806964	102.379	0.656 #
19)	B Endosulfa...	6.260f	0.000	3540171	0	3.459	N.D. #
20)	A Methoxychlor	6.582	7.422	102.2E6	168.3E6	226.402	243.626
21)	B Endrin ke...	6.793	7.559	2431582	1477052	2.173	1.016 #
23)	Toxaphene-2	5.504	6.537	1306481	66251015	180.563	6288.415 #
24)	Toxaphene-3	5.801	6.871	1502475	806964	273.169	60.706 #
25)	Toxaphene-4	6.033	6.962	87567904	127.5E6	4706.719	3320.919 #
26)	Toxaphene-5	0.000	7.511	0	475446	N.D.	26.671

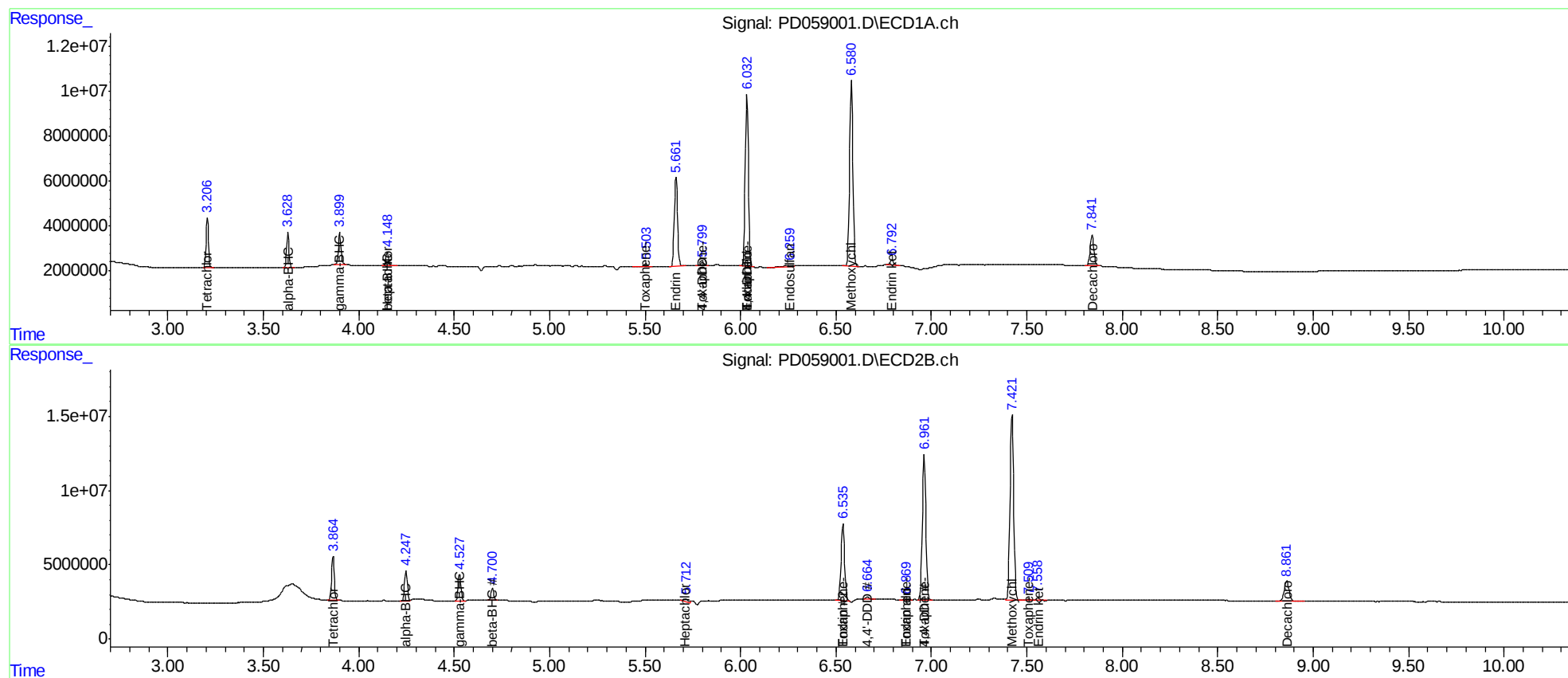
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

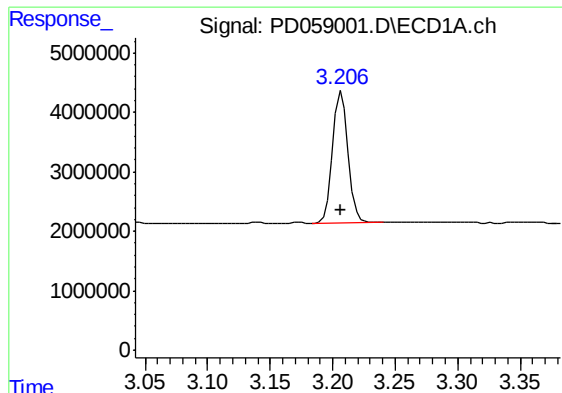
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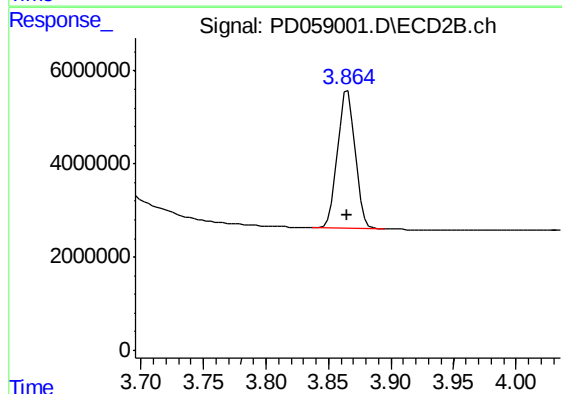




#1 Tetrachloro-m-xylene

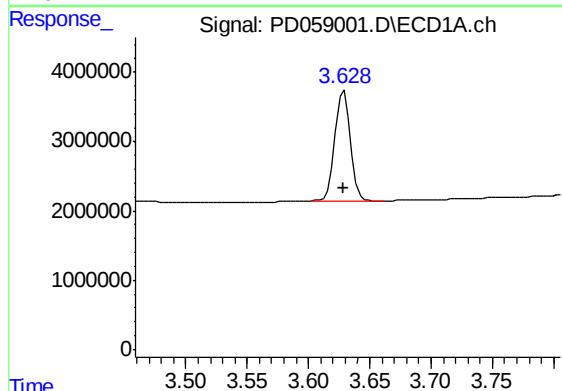
R.T.: 3.207 min
Delta R.T.: 0.000 min
Response: 18988615
Conc: 19.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



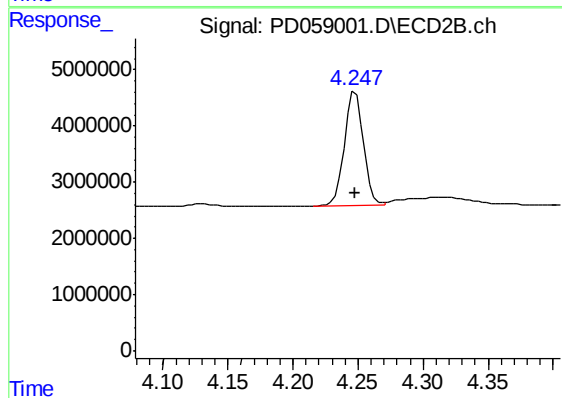
#1 Tetrachloro-m-xylene

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 29257543
Conc: 20.20 ng/ml



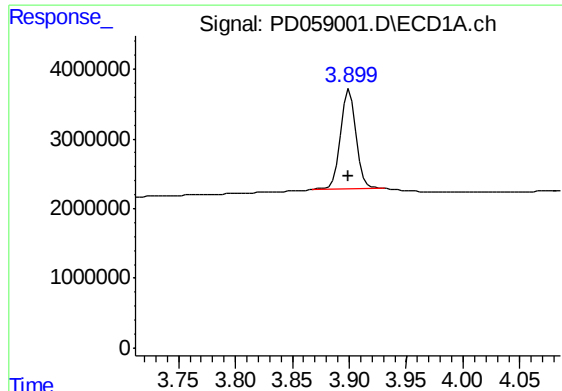
#2 alpha-BHC

R.T.: 3.629 min
Delta R.T.: 0.000 min
Response: 13860846
Conc: 9.86 ng/ml



#2 alpha-BHC

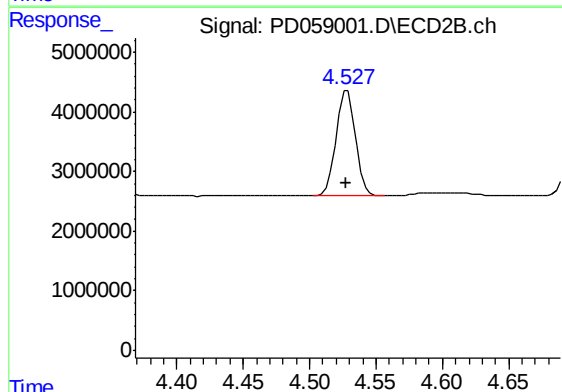
R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 20636642
Conc: 9.94 ng/ml



#3 gamma-BHC (Lindane)

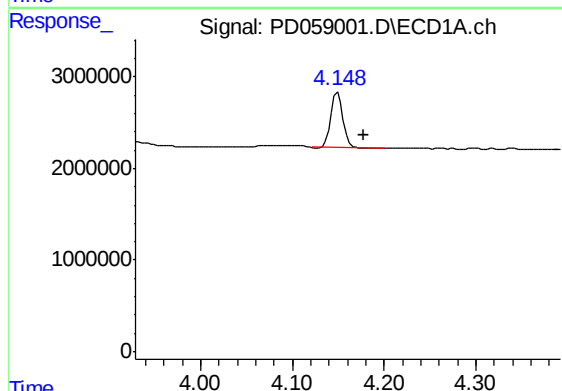
R.T.: 3.900 min
Delta R.T.: 0.001 min
Response: 13631727
Conc: 9.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



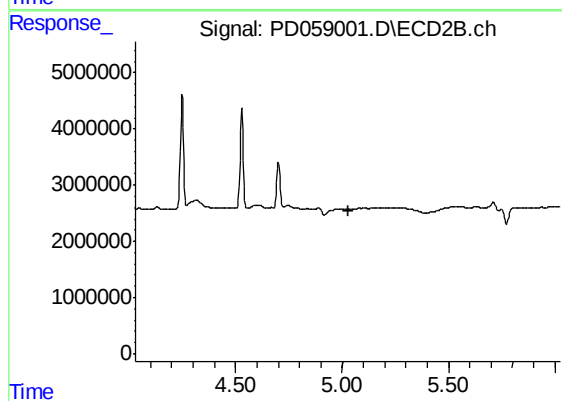
#3 gamma-BHC (Lindane)

R.T.: 4.529 min
Delta R.T.: 0.001 min
Response: 18386617
Conc: 9.67 ng/ml



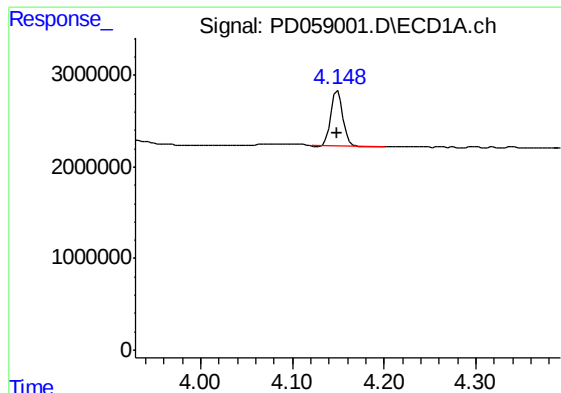
#4 Heptachlor

R.T.: 4.150 min
Delta R.T.: -0.029 min
Response: 5685395
Conc: 4.76 ng/ml



#4 Heptachlor

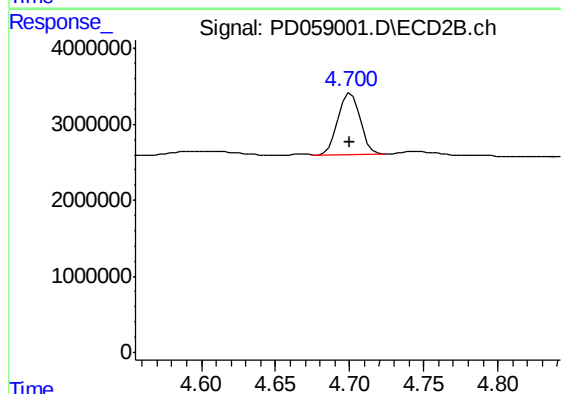
R.T.: 0.000 min
Exp R.T. : 5.028 min
Response: 0
Conc: N.D.



#6 beta-BHC

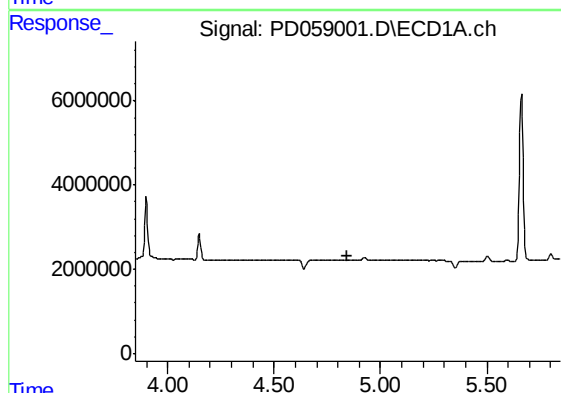
R.T.: 4.150 min
Delta R.T.: 0.000 min
Response: 5685395
Conc: 9.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



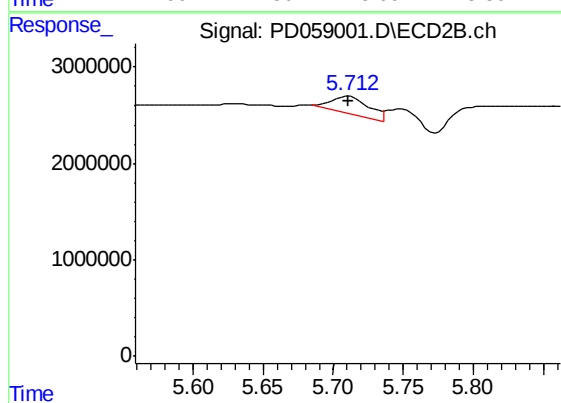
#6 beta-BHC

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 8293711
Conc: 9.54 ng/ml



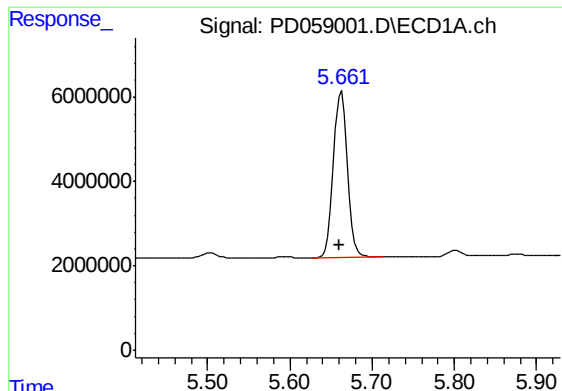
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.846 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

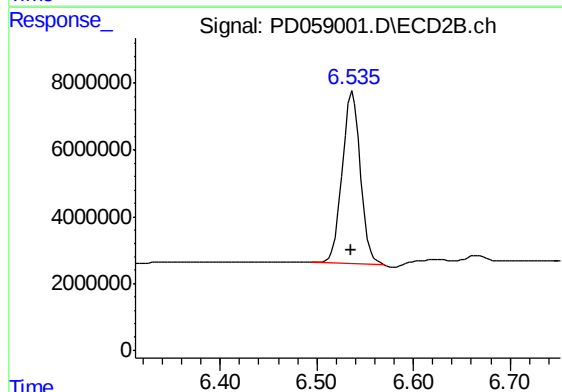
R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 3385900
Conc: 2.03 ng/ml



#14 Endrin

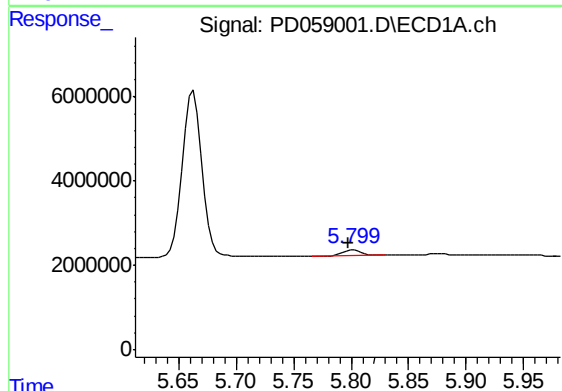
R.T.: 5.663 min
Delta R.T.: 0.002 min
Response: 46565398
Conc: 46.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



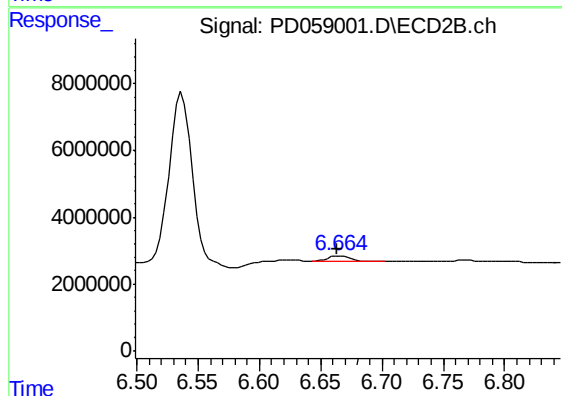
#14 Endrin

R.T.: 6.537 min
Delta R.T.: 0.002 min
Response: 66251015
Conc: 48.84 ng/ml



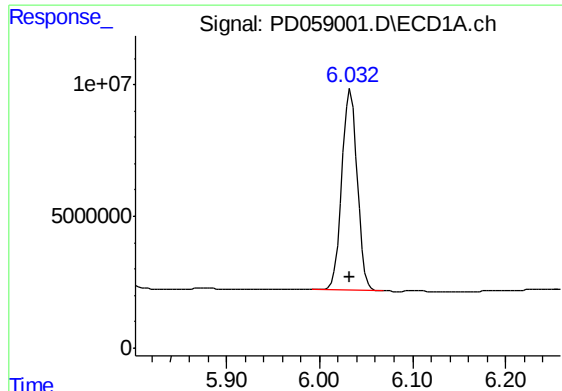
#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: 0.003 min
Response: 1502475
Conc: 1.59 ng/ml



#16 4,4'-DDD

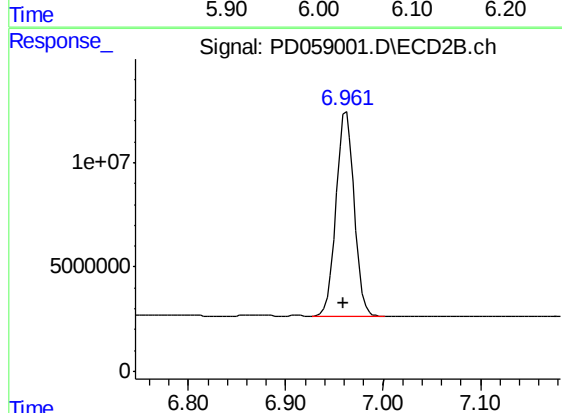
R.T.: 6.665 min
Delta R.T.: 0.002 min
Response: 2333053
Conc: 1.78 ng/ml



#17 4,4'-DDT

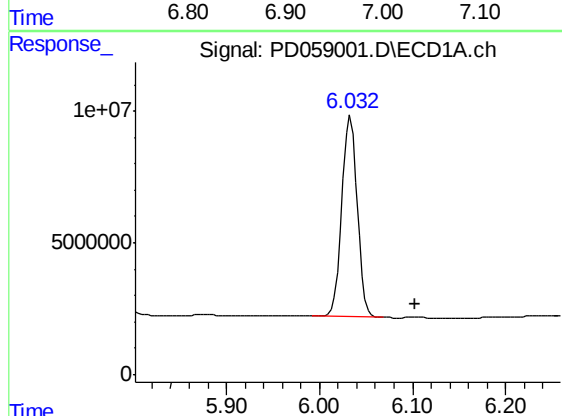
R.T.: 6.033 min
Delta R.T.: 0.001 min
Response: 87567904
Conc: 97.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



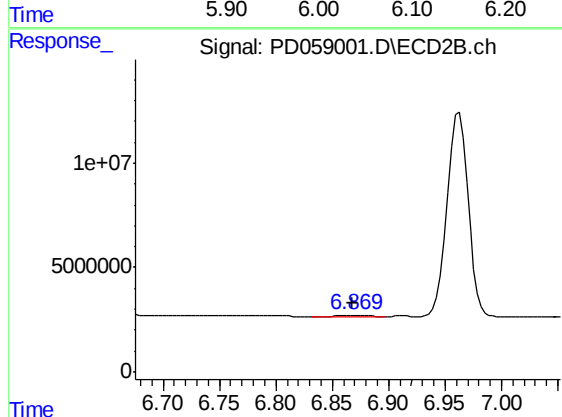
#17 4,4'-DDT

R.T.: 6.962 min
Delta R.T.: 0.002 min
Response: 127480392
Conc: 96.60 ng/ml



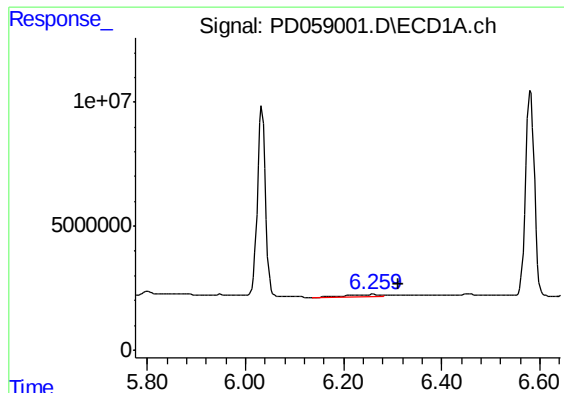
#18 Endrin aldehyde

R.T.: 6.033 min
Delta R.T.: -0.069 min
Response: 87567904
Conc: 102.38 ng/ml



#18 Endrin aldehyde

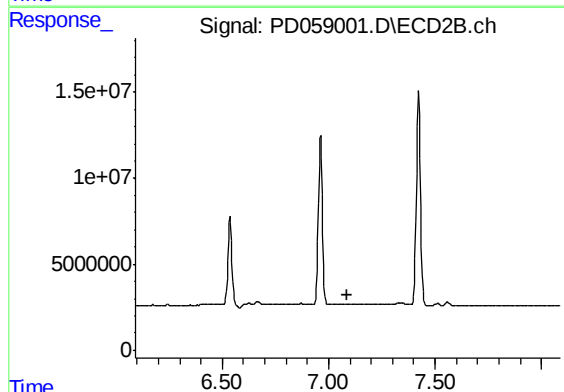
R.T.: 6.871 min
Delta R.T.: 0.003 min
Response: 806964
Conc: 0.66 ng/ml



#19 Endosulfan Sulfate

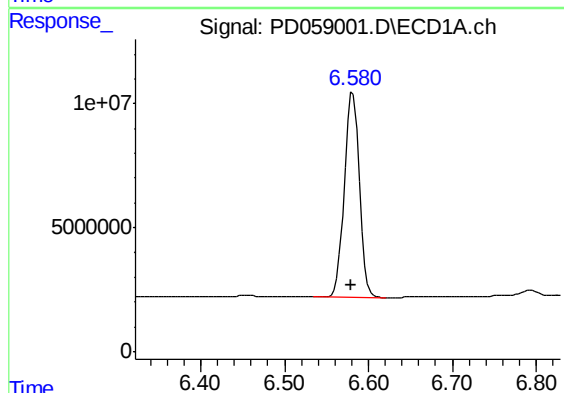
R.T.: 6.260 min
Delta R.T.: -0.052 min
Response: 3540171
Conc: 3.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



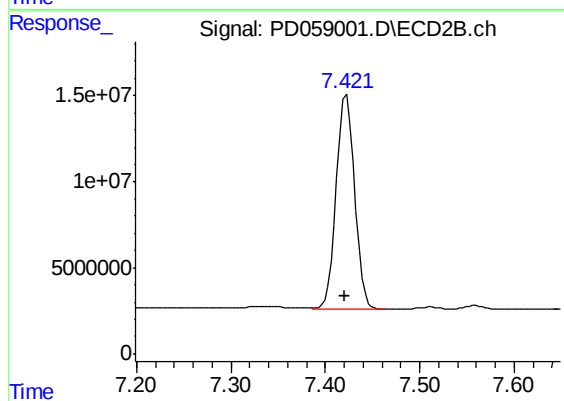
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.090 min
Response: 0
Conc: N.D.



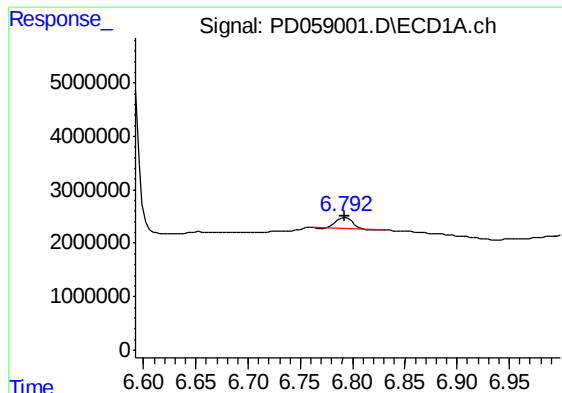
#20 Methoxychlor

R.T.: 6.582 min
Delta R.T.: 0.002 min
Response: 102182268
Conc: 226.40 ng/ml



#20 Methoxychlor

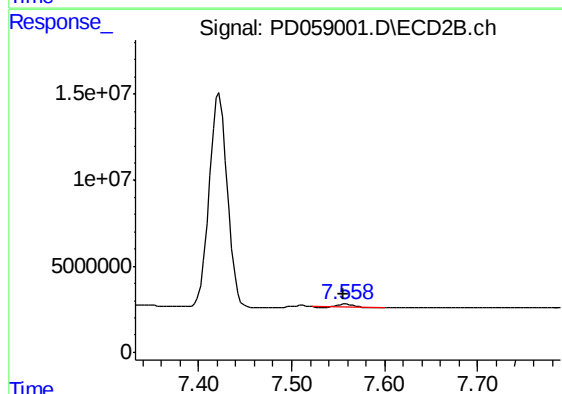
R.T.: 7.422 min
Delta R.T.: 0.002 min
Response: 168322695
Conc: 243.63 ng/ml



#21 Endrin ketone

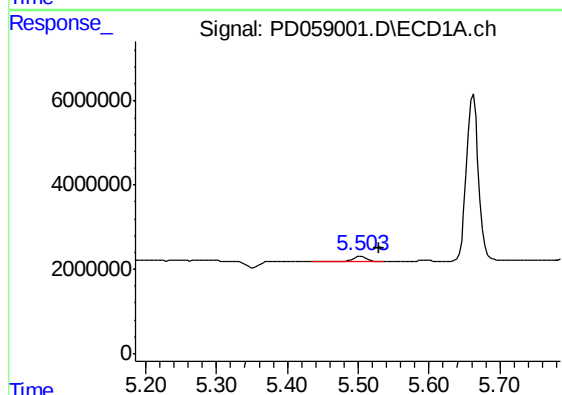
R.T.: 6.793 min
Delta R.T.: 0.001 min
Response: 2431582
Conc: 2.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



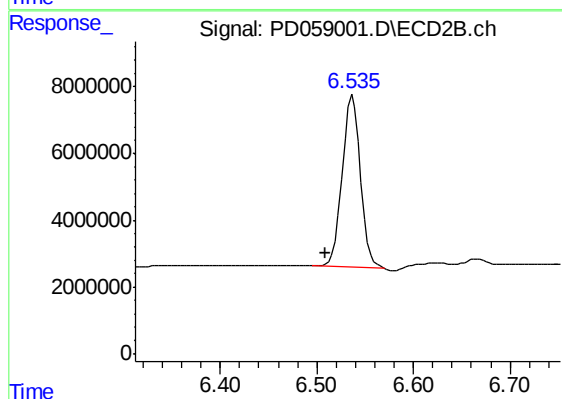
#21 Endrin ketone

R.T.: 7.559 min
Delta R.T.: 0.003 min
Response: 1477052
Conc: 1.02 ng/ml



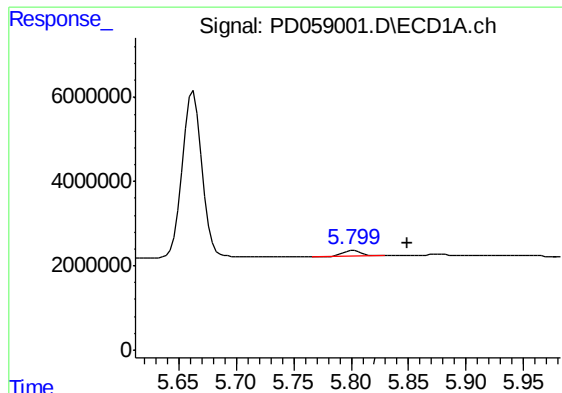
#23 Toxaphene-2

R.T.: 5.504 min
Delta R.T.: -0.025 min
Response: 1306481
Conc: 180.56 ng/ml



#23 Toxaphene-2

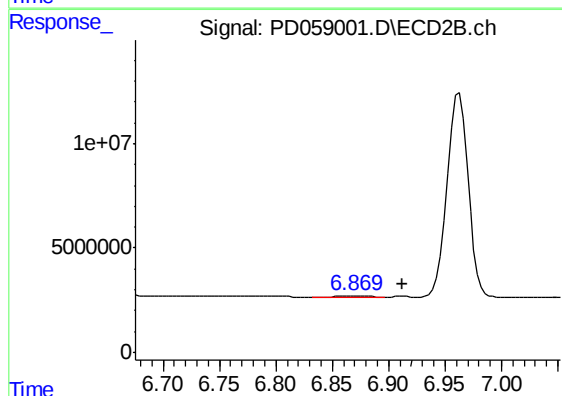
R.T.: 6.537 min
Delta R.T.: 0.028 min
Response: 66251015
Conc: 6288.42 ng/ml



#24 Toxaphene-3

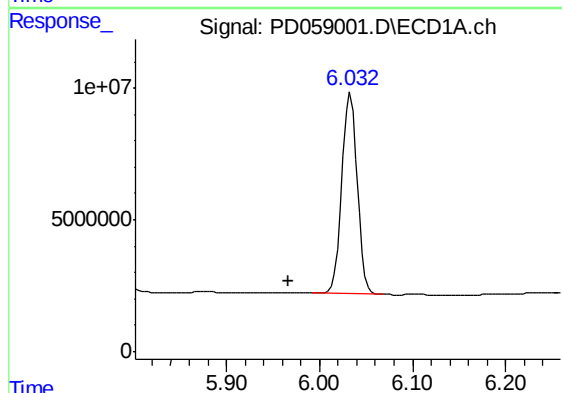
R.T.: 5.801 min
Delta R.T.: -0.048 min
Response: 1502475
Conc: 273.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM45



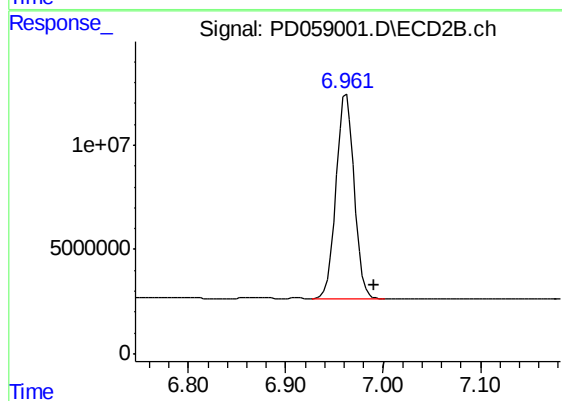
#24 Toxaphene-3

R.T.: 6.871 min
Delta R.T.: -0.042 min
Response: 806964
Conc: 60.71 ng/ml



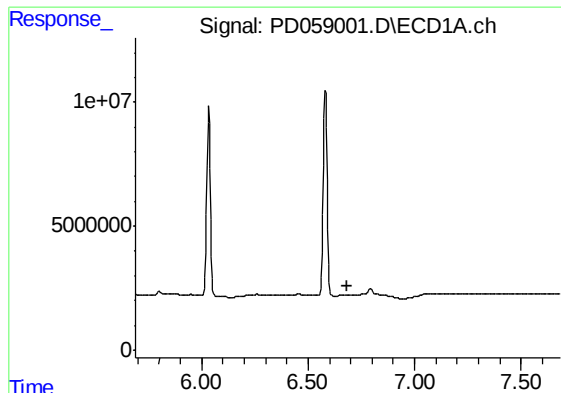
#25 Toxaphene-4

R.T.: 6.033 min
Delta R.T.: 0.067 min
Response: 87567904
Conc: 4706.72 ng/ml



#25 Toxaphene-4

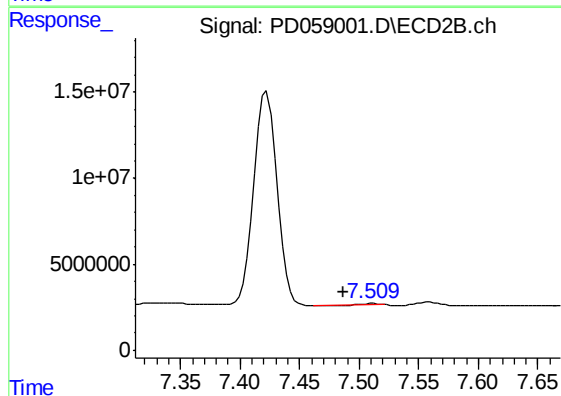
R.T.: 6.962 min
Delta R.T.: -0.029 min
Response: 127480392
Conc: 3320.92 ng/ml



#26 Toxaphene-5

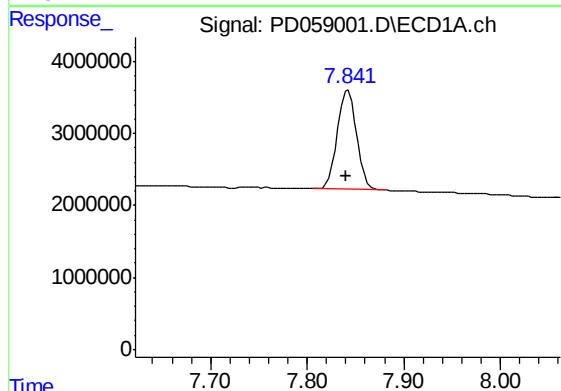
R.T.: 0.000 min
Exp R.T.: 6.686 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM45



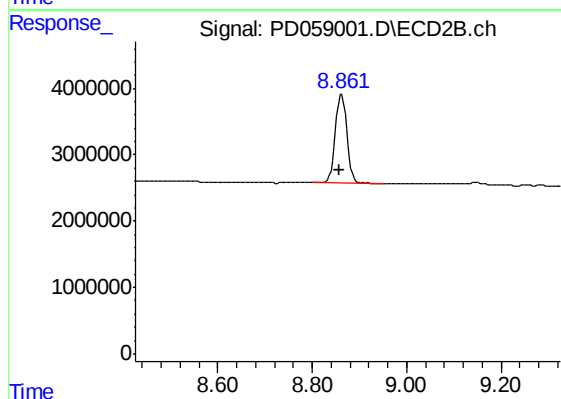
#26 Toxaphene-5

R.T.: 7.511 min
Delta R.T.: 0.024 min
Response: 475446
Conc: 26.67 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.842 min
Delta R.T.: 0.002 min
Response: 18940329
Conc: 17.98 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.862 min
Delta R.T.: 0.004 min
Response: 23111874
Conc: 16.85 ng/ml