

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081820\
 Data File : PD059032.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2020 16:28
 Operator : DD\AJ
 Sample : PEM46
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM46

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 05:50:44 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	3.866	19346267	28945558	20.005	19.987
27)	SA Decachlor...	7.842	8.862	19437331	24870372	18.454	18.135
Target Compounds							
2)	A alpha-BHC	3.629	4.249	14261473	20599588	10.142	9.925
3)	MA gamma-BHC...	3.900	4.529	13967548	18441826	10.050	9.702
4)	MA Heptachlor	4.149f	0.000	5755710	0	4.815	N.D. #
6)	B beta-BHC	4.149	4.701	5755710	8379641	9.774	9.635
8)	B Heptachlo...	0.000	5.711	0	2882649	N.D.	1.731
14)	MA Endrin	5.662	6.537	47955024	67064193	48.273	49.435
16)	A 4,4'-DDD	5.800	6.666	1818174	2709271	1.928	2.067
17)	MA 4,4'-DDT	6.033	6.963	90728116	129.5E6	100.886	98.112
18)	B Endrin al...	6.033f	6.870	90728116	875047	106.073	0.711 #
19)	B Endosulfa...	6.258f	0.000	3801577	0	3.715	N.D. #
20)	A Methoxychlor	6.581	7.423	111.6E6	177.9E6	247.173	257.535
21)	B Endrin ke...	6.793	7.559	2693658	2175844	2.407	1.496 #
23)	Toxaphene-2	5.503	6.537	1838114	67064193	254.038	6365.601 #
24)	Toxaphene-3	5.800	6.870	1818174	875047	330.567	65.828 #
25)	Toxaphene-4	6.033	6.963	90728116	129.5E6	4876.579	3372.775 #
26)	Toxaphene-5	0.000	7.511	0	484654	N.D.	27.187

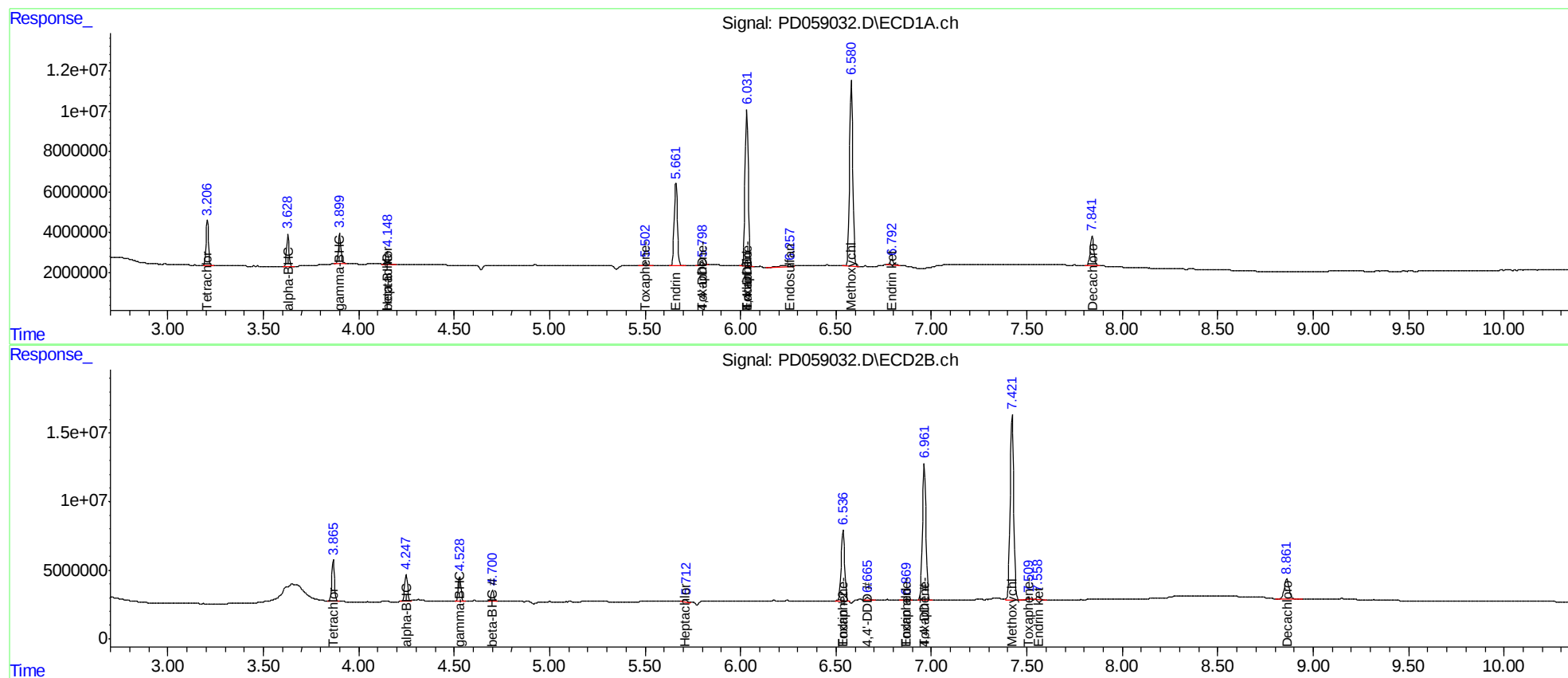
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

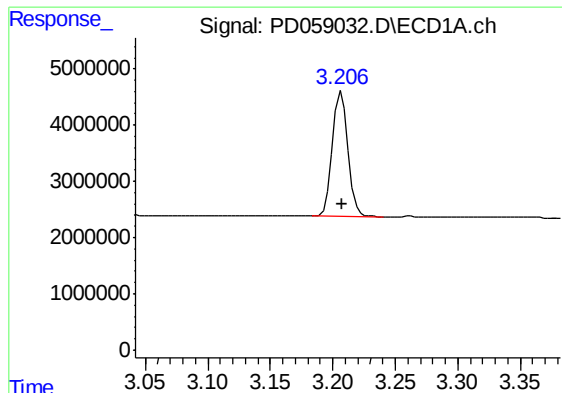
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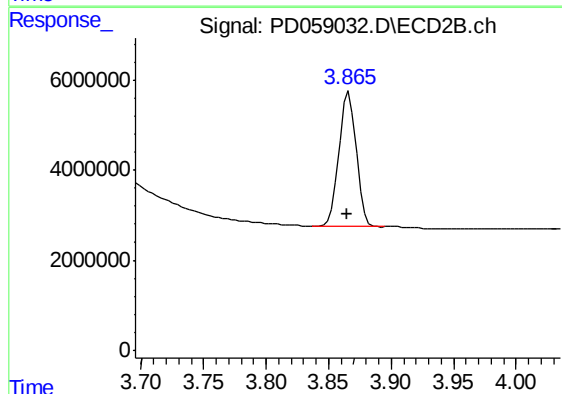




#1 Tetrachloro-m-xylene

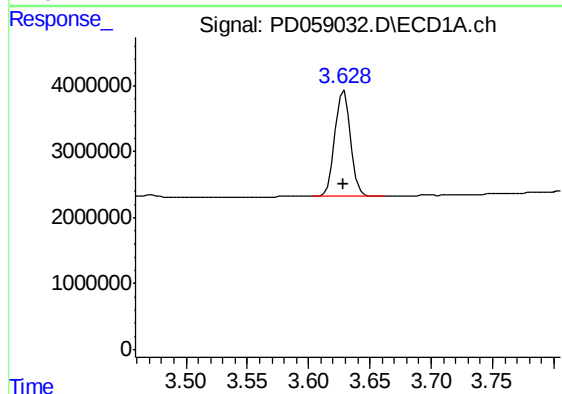
R.T.: 3.207 min
Delta R.T.: 0.000 min
Response: 19346267
Conc: 20.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM46



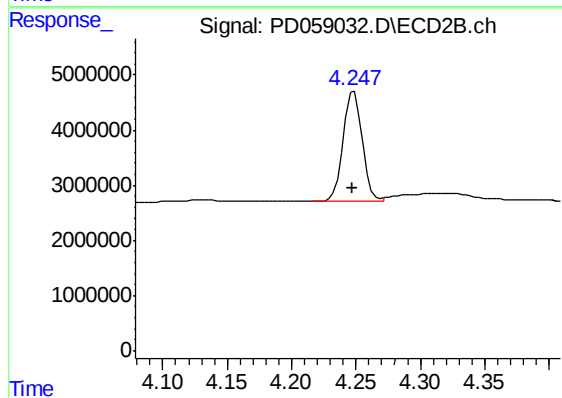
#1 Tetrachloro-m-xylene

R.T.: 3.866 min
Delta R.T.: 0.001 min
Response: 28945558
Conc: 19.99 ng/ml



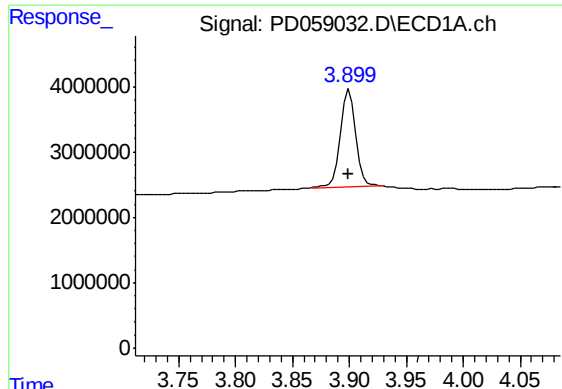
#2 alpha-BHC

R.T.: 3.629 min
Delta R.T.: 0.000 min
Response: 14261473
Conc: 10.14 ng/ml



#2 alpha-BHC

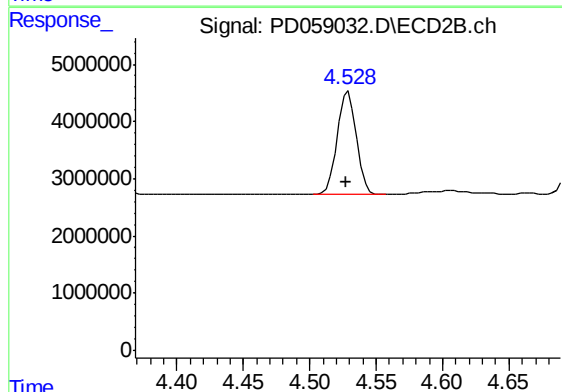
R.T.: 4.249 min
Delta R.T.: 0.001 min
Response: 20599588
Conc: 9.93 ng/ml



#3 gamma-BHC (Lindane)

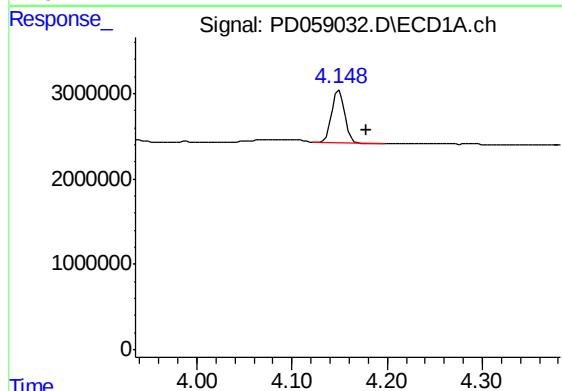
R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 13967548
Conc: 10.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM46



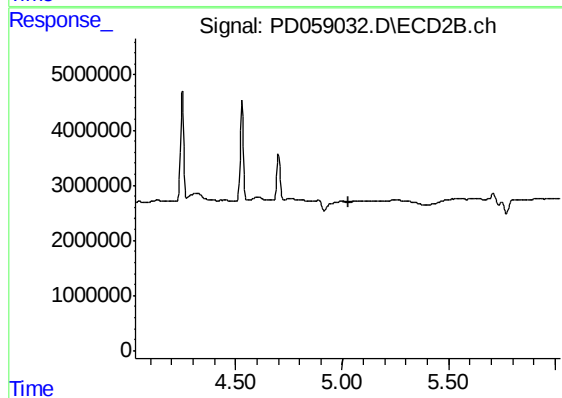
#3 gamma-BHC (Lindane)

R.T.: 4.529 min
Delta R.T.: 0.002 min
Response: 18441826
Conc: 9.70 ng/ml



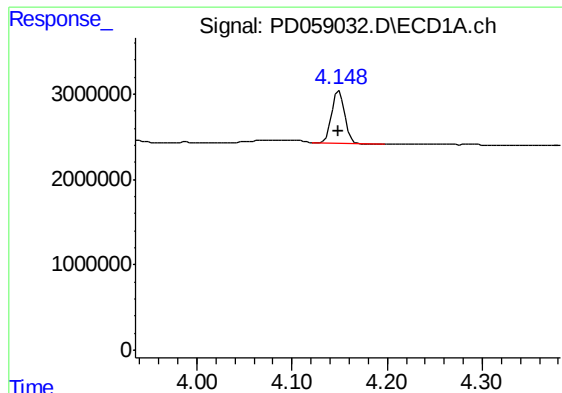
#4 Heptachlor

R.T.: 4.149 min
Delta R.T.: -0.029 min
Response: 5755710
Conc: 4.82 ng/ml



#4 Heptachlor

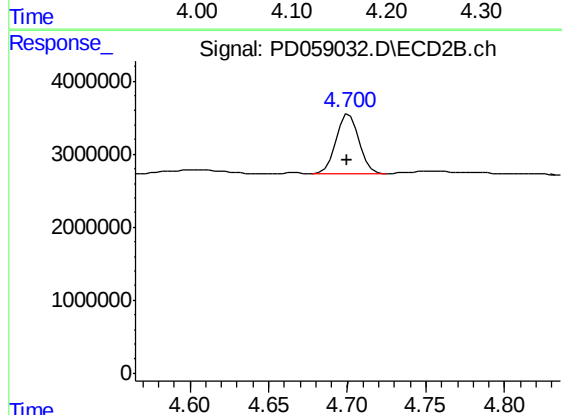
R.T.: 0.000 min
Exp R.T. : 5.028 min
Response: 0
Conc: N.D.



#6 beta-BHC

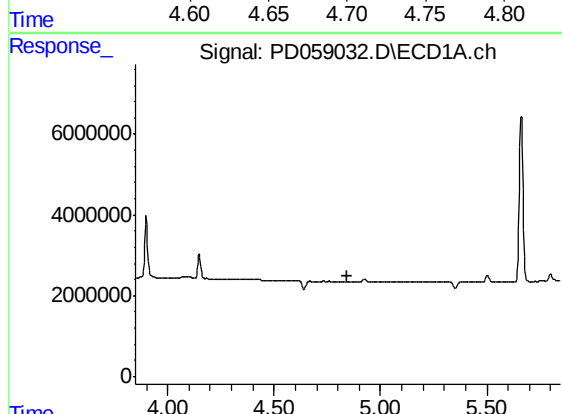
R.T.: 4.149 min
Delta R.T.: 0.000 min
Response: 5755710
Conc: 9.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM46



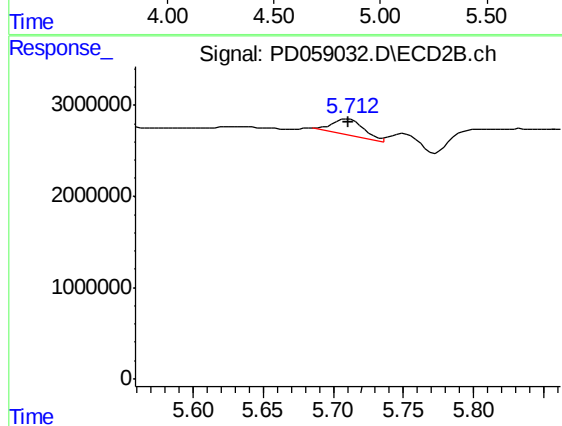
#6 beta-BHC

R.T.: 4.701 min
Delta R.T.: 0.001 min
Response: 8379641
Conc: 9.63 ng/ml



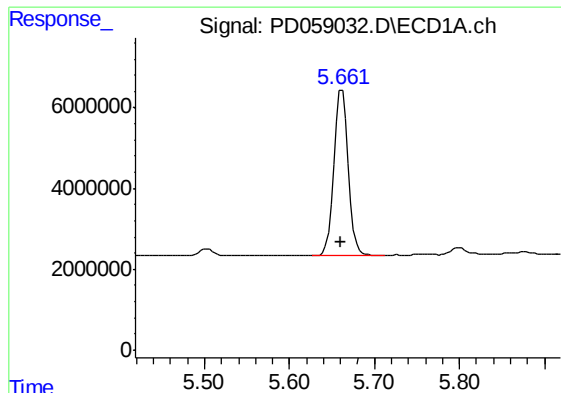
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

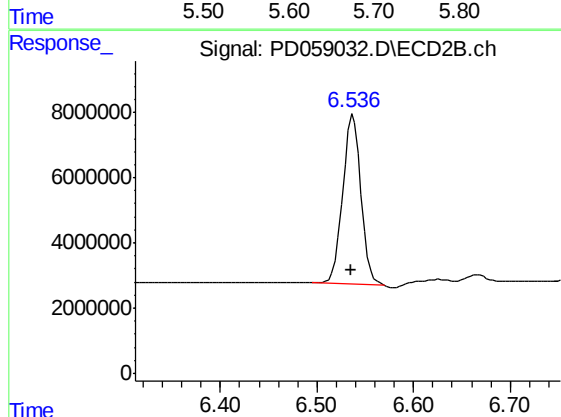
R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 2882649
Conc: 1.73 ng/ml



#14 Endrin

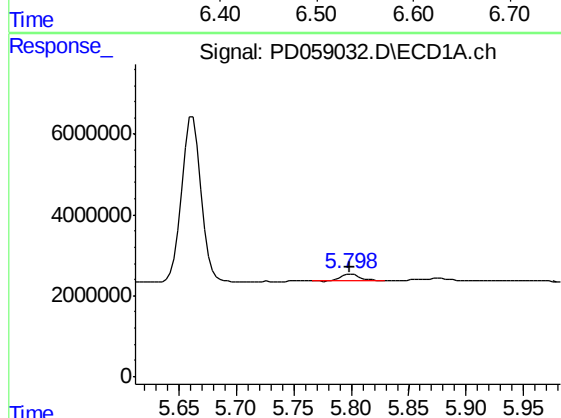
R.T.: 5.662 min
Delta R.T.: 0.001 min
Response: 47955024
Conc: 48.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM46



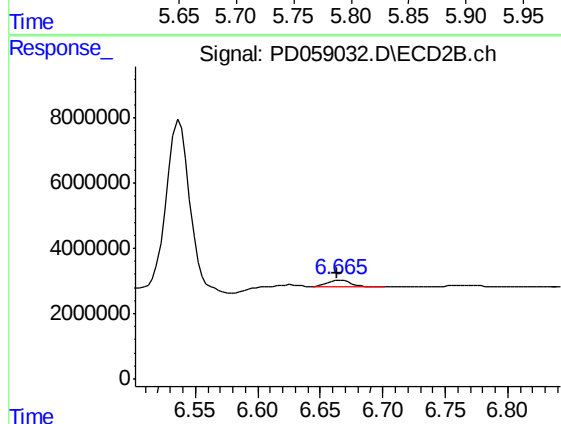
#14 Endrin

R.T.: 6.537 min
Delta R.T.: 0.002 min
Response: 67064193
Conc: 49.44 ng/ml



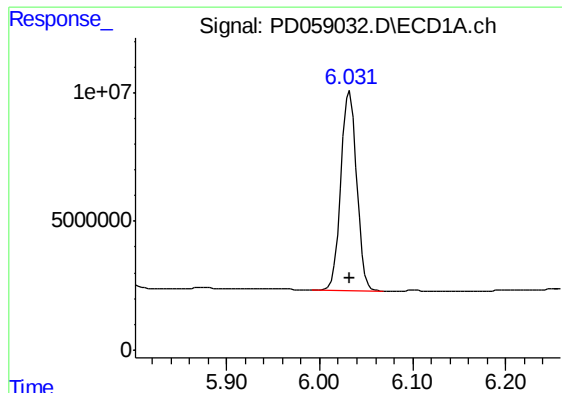
#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: 0.001 min
Response: 1818174
Conc: 1.93 ng/ml



#16 4,4'-DDD

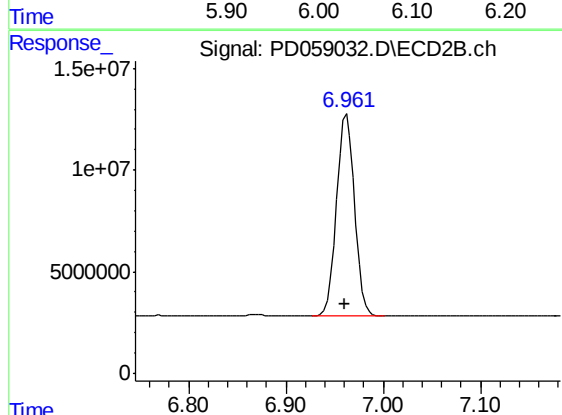
R.T.: 6.666 min
Delta R.T.: 0.003 min
Response: 2709271
Conc: 2.07 ng/ml



#17 4,4'-DDT

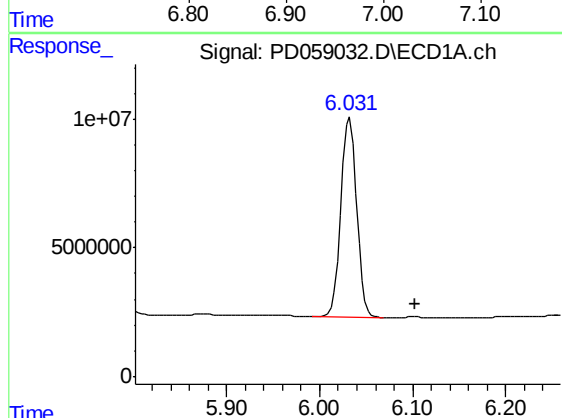
R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 90728116
Conc: 100.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM46



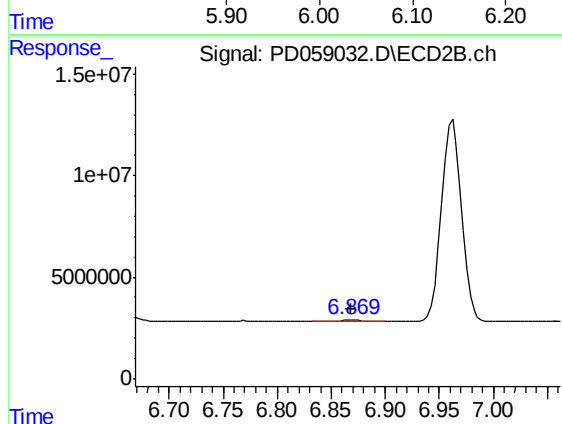
#17 4,4'-DDT

R.T.: 6.963 min
Delta R.T.: 0.003 min
Response: 129470985
Conc: 98.11 ng/ml



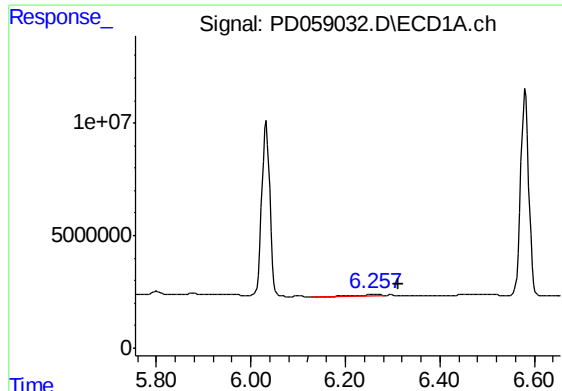
#18 Endrin aldehyde

R.T.: 6.033 min
Delta R.T.: -0.070 min
Response: 90728116
Conc: 106.07 ng/ml



#18 Endrin aldehyde

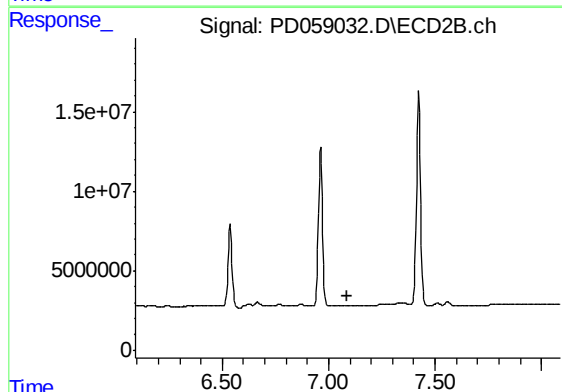
R.T.: 6.870 min
Delta R.T.: 0.002 min
Response: 875047
Conc: 0.71 ng/ml



#19 Endosulfan Sulfate

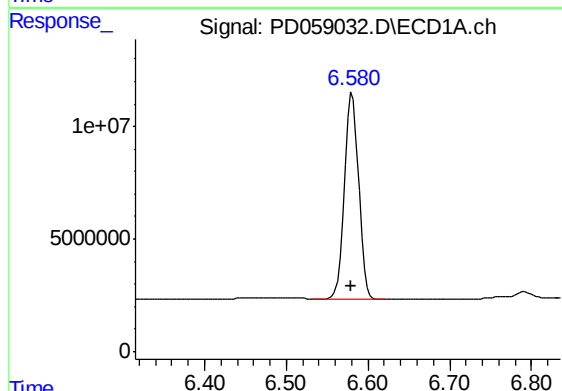
R.T.: 6.258 min
Delta R.T.: -0.054 min
Response: 3801577
Conc: 3.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM46



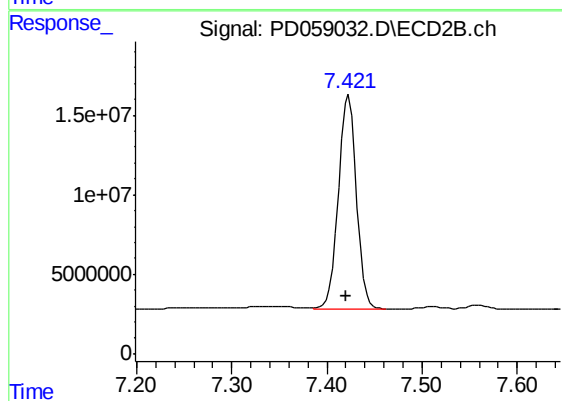
#19 Endosulfan Sulfate

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



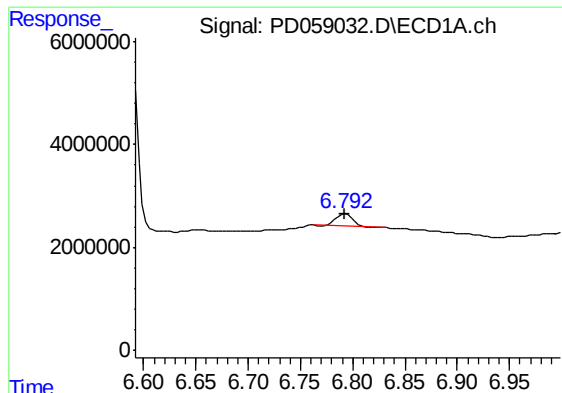
#20 Methoxychlor

R.T.: 6.581 min
Delta R.T.: 0.001 min
Response: 111556594
Conc: 247.17 ng/ml



#20 Methoxychlor

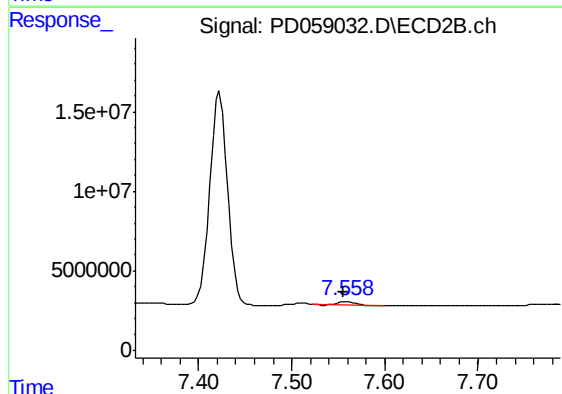
R.T.: 7.423 min
Delta R.T.: 0.003 min
Response: 177932822
Conc: 257.54 ng/ml



#21 Endrin ketone

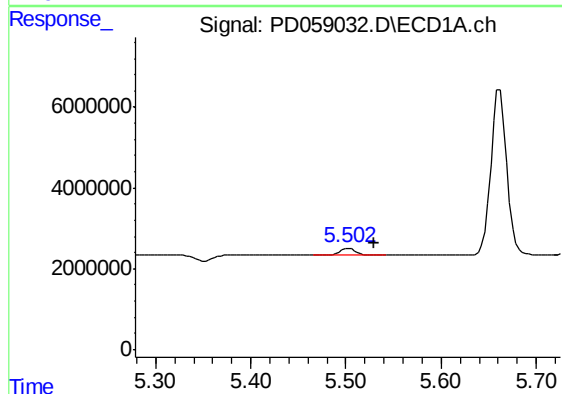
R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 2693658
Conc: 2.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM46



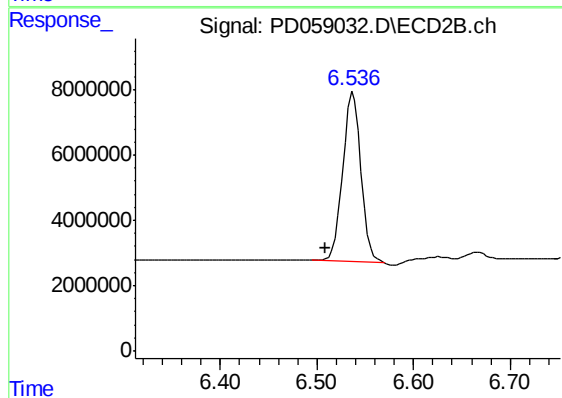
#21 Endrin ketone

R.T.: 7.559 min
Delta R.T.: 0.003 min
Response: 2175844
Conc: 1.50 ng/ml



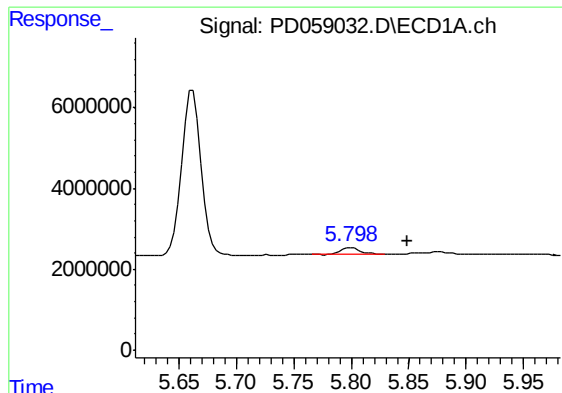
#23 Toxaphene-2

R.T.: 5.503 min
Delta R.T.: -0.026 min
Response: 1838114
Conc: 254.04 ng/ml



#23 Toxaphene-2

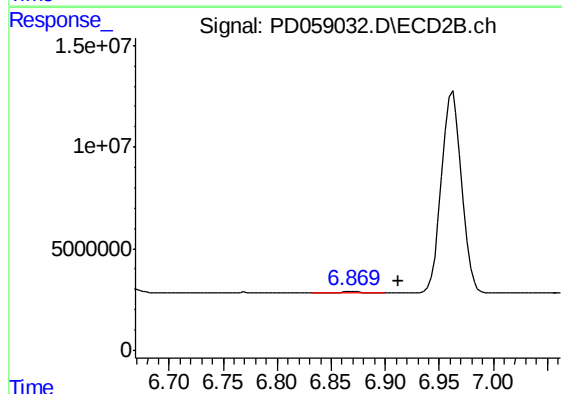
R.T.: 6.537 min
Delta R.T.: 0.028 min
Response: 67064193
Conc: 6365.60 ng/ml



#24 Toxaphene-3

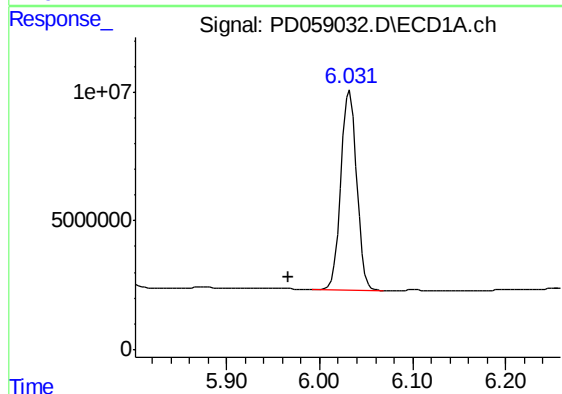
R.T.: 5.800 min
Delta R.T.: -0.049 min
Response: 1818174
Conc: 330.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM46



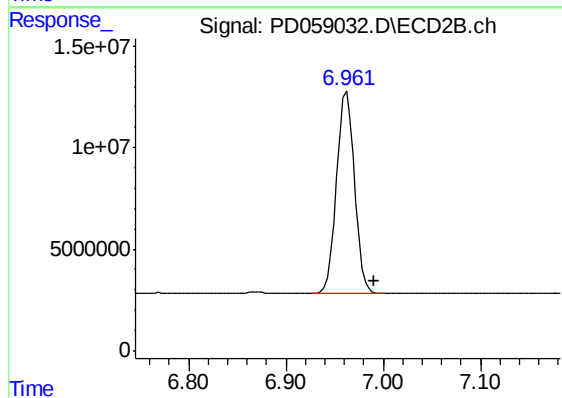
#24 Toxaphene-3

R.T.: 6.870 min
Delta R.T.: -0.042 min
Response: 875047
Conc: 65.83 ng/ml



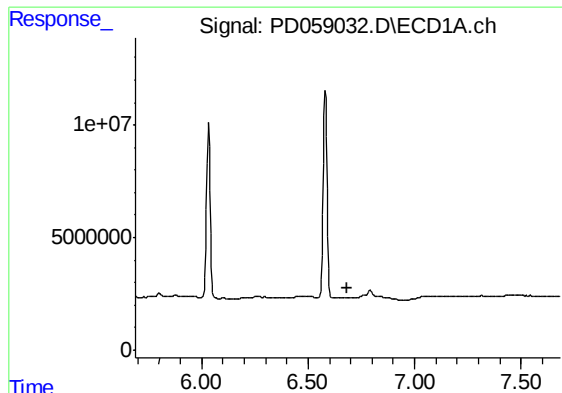
#25 Toxaphene-4

R.T.: 6.033 min
Delta R.T.: 0.066 min
Response: 90728116
Conc: 4876.58 ng/ml



#25 Toxaphene-4

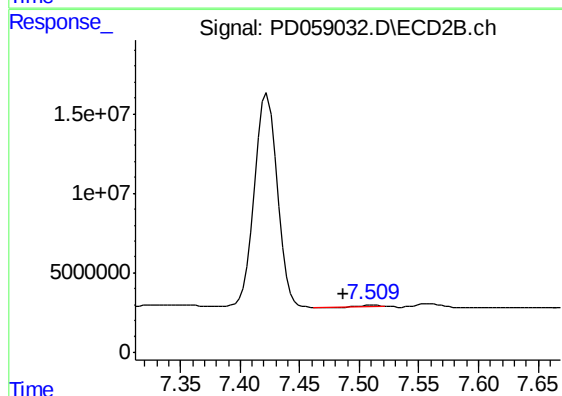
R.T.: 6.963 min
Delta R.T.: -0.029 min
Response: 129470985
Conc: 3372.78 ng/ml



#26 Toxaphene-5

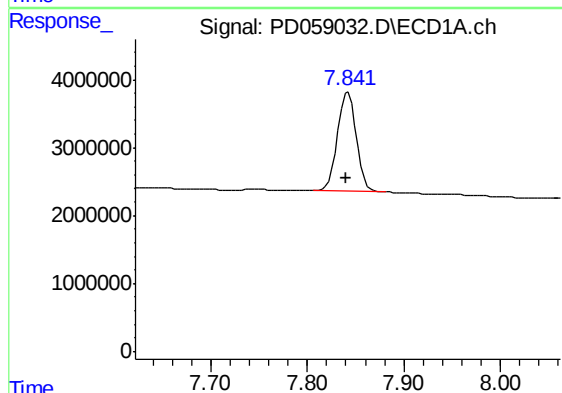
R.T.: 0.000 min
Exp R.T.: 6.686 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM46



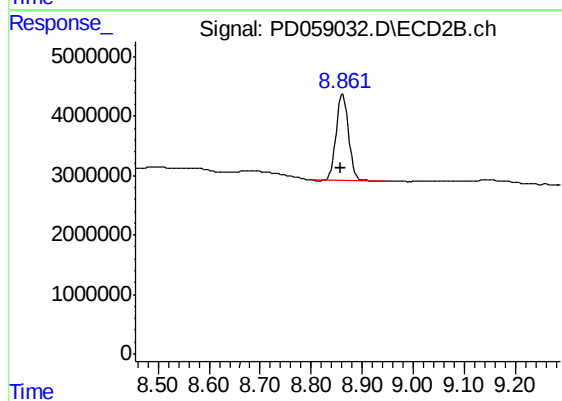
#26 Toxaphene-5

R.T.: 7.511 min
Delta R.T.: 0.024 min
Response: 484654
Conc: 27.19 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.842 min
Delta R.T.: 0.002 min
Response: 19437331
Conc: 18.45 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.862 min
Delta R.T.: 0.004 min
Response: 24870372
Conc: 18.13 ng/ml