

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122419\
 Data File : PL055219.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Dec 2019 15:57
 Operator : SG\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 00:59:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 21 05:21:06 2019
 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.535	4.049	228.9E6	58762853	21.761	22.240
28)	SA Decachlor...	8.313	9.148	193.4E6	48052251	20.844	21.768
Target Compounds							
2)	A alpha-BHC	3.978	4.440	178.7E6	40843191	10.270	11.090
3)	MA gamma-BHC...	4.264	4.725	161.2E6	38058737	9.779	11.133
6)	B beta-BHC	4.514	4.897	74333743	19358382	10.840	11.788
8)	B Heptachlo...	0.000	5.921	0	30883449	N.D.	12.117 #
10)	B gamma-Chl...	0.000	6.178f	0	2314083	N.D.	0.872 #
12)	B 4,4'-DDE	5.736f	0.000	34976541	0	2.625	N.D. #
14)	MA Endrin	6.110	6.761	660.9E6	113.3E6	51.997	52.796
16)	A 4,4'-DDD	6.233	6.883	23945572	5899370	2.493	3.103
17)	MA 4,4'-DDT	6.475	7.183	1092.8E6	213.2E6	108.550	108.653
20)	A Methoxychlor	7.019	7.643	1245.9E6	276.9E6	258.515	256.600
21)	B Endrin ke...	7.256	7.793	30747020	3784680	2.933	1.699 #
25)	Chlordane-3	0.000	6.178f	0	2314083	N.D.	7.191 #

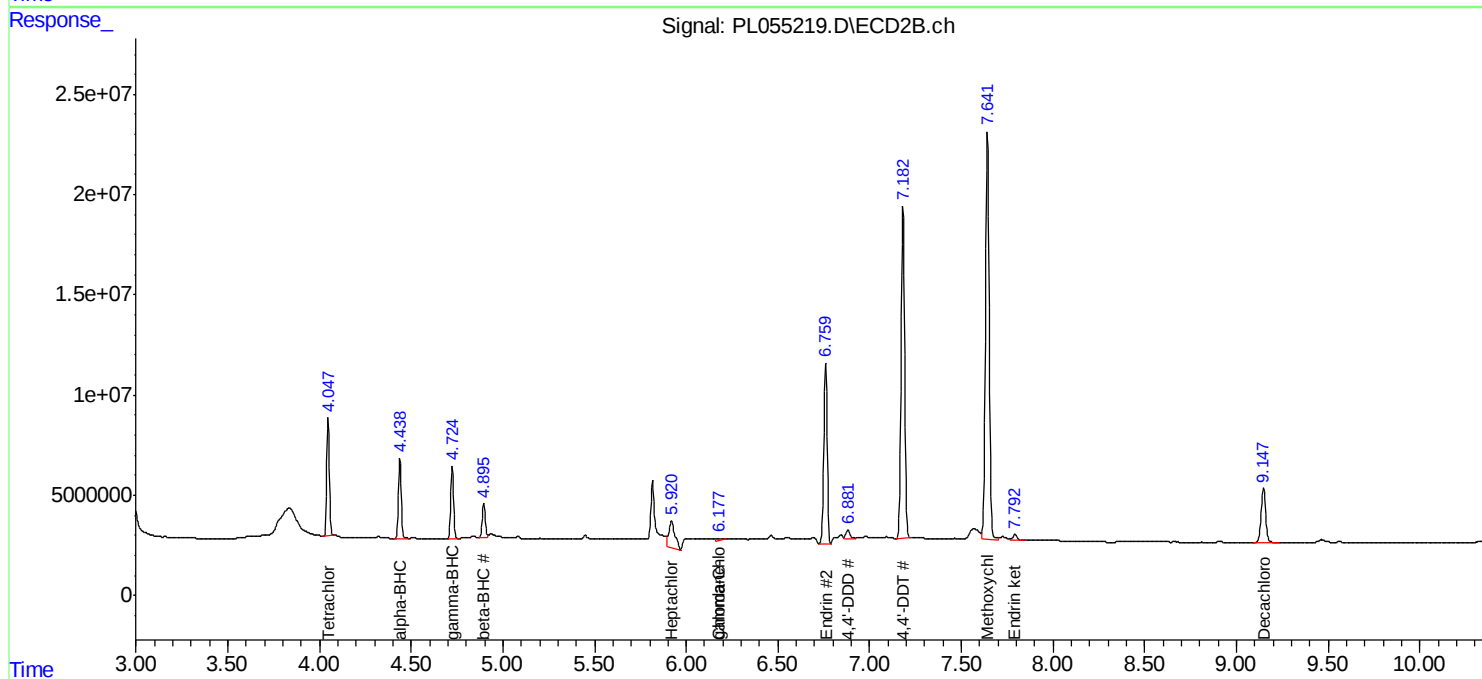
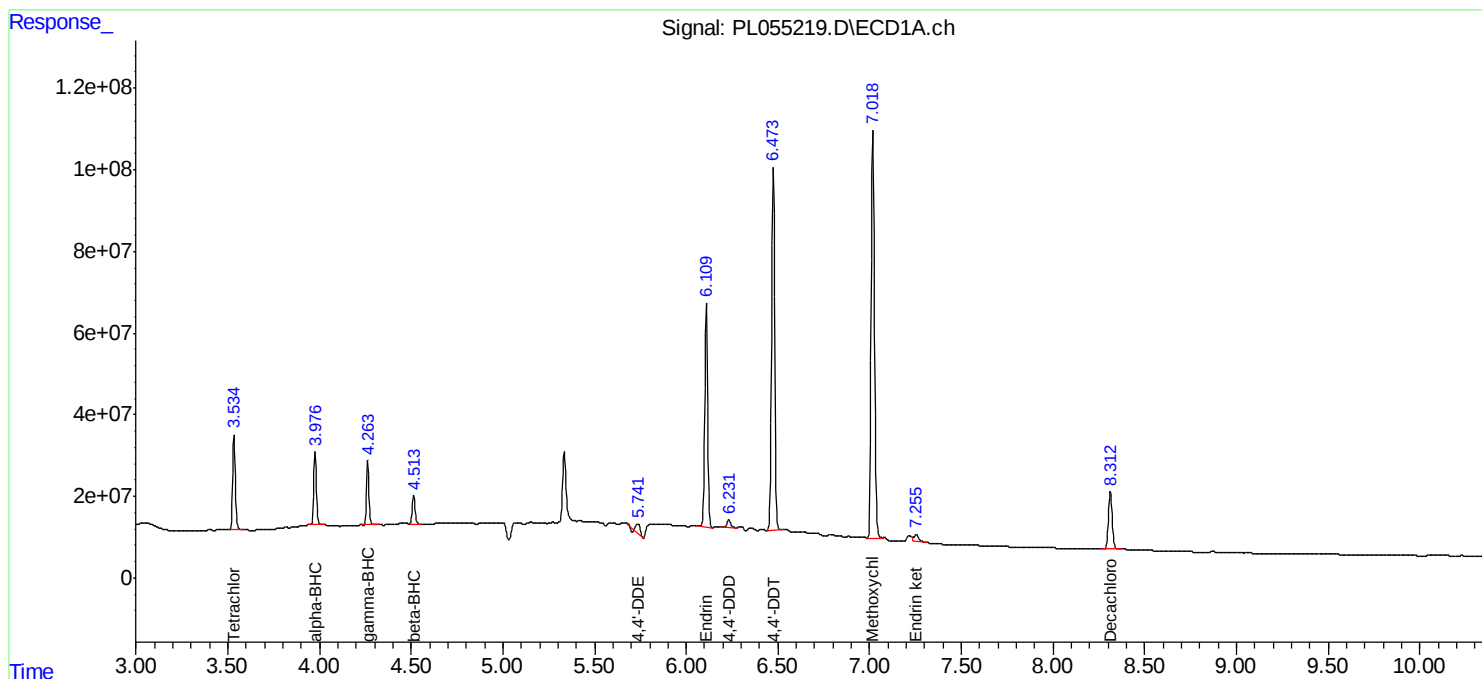
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

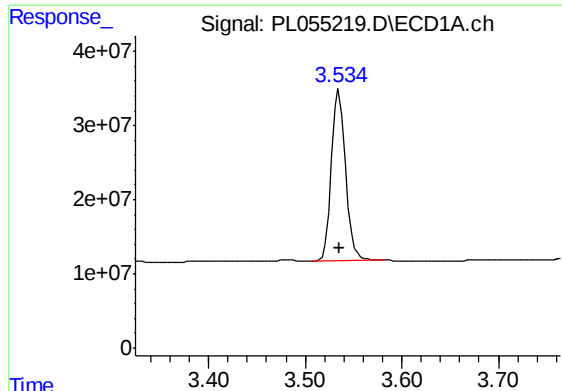
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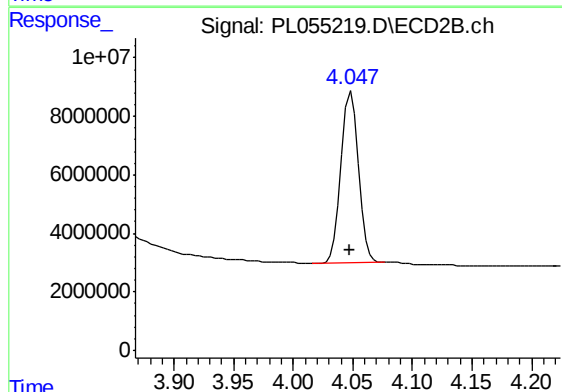




#1 Tetrachloro-m-xylene

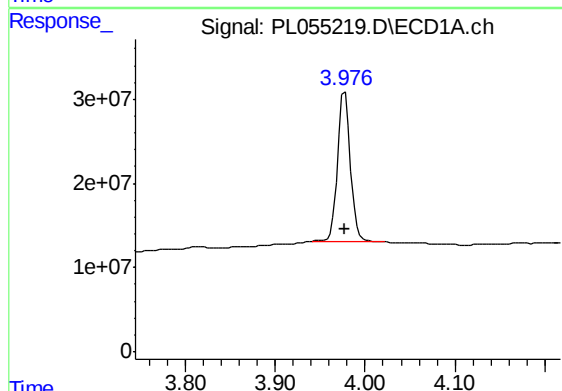
R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 228850617
Conc: 21.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



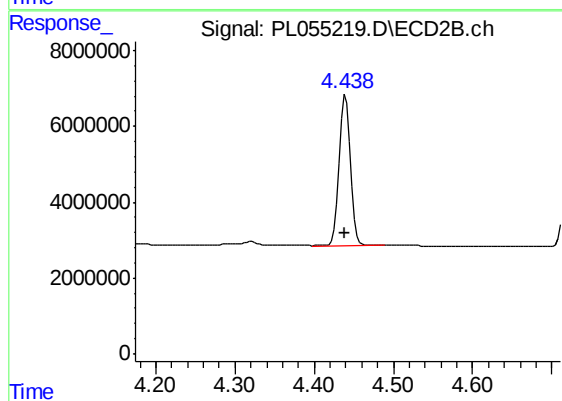
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.001 min
Response: 58762853
Conc: 22.24 ng/ml



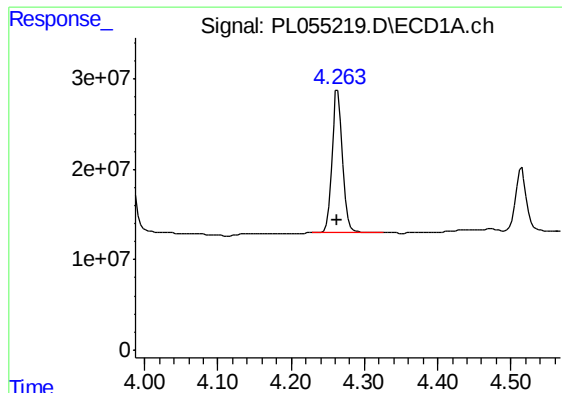
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 178678692
Conc: 10.27 ng/ml



#2 alpha-BHC

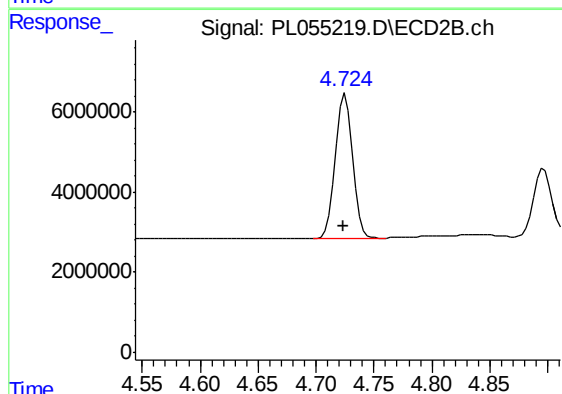
R.T.: 4.440 min
Delta R.T.: 0.001 min
Response: 40843191
Conc: 11.09 ng/ml



#3 gamma-BHC (Lindane)

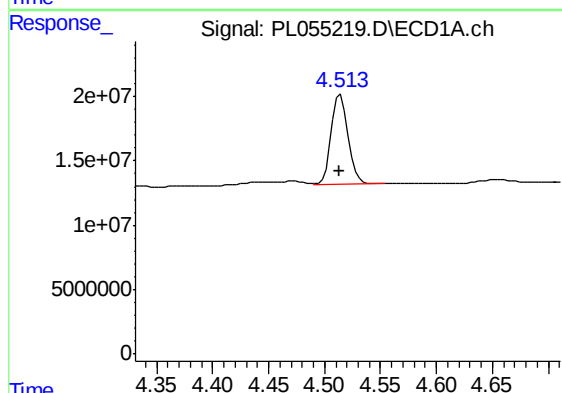
R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 161243588
Conc: 9.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



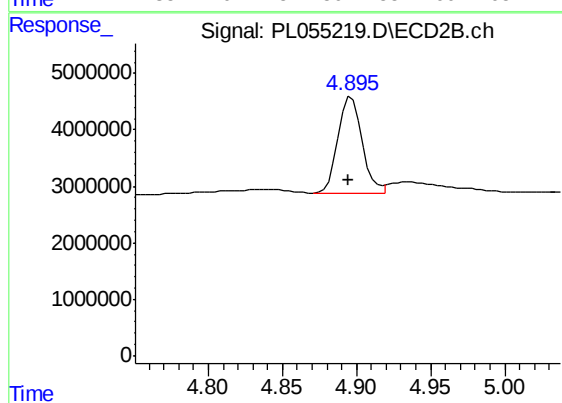
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 38058737
Conc: 11.13 ng/ml



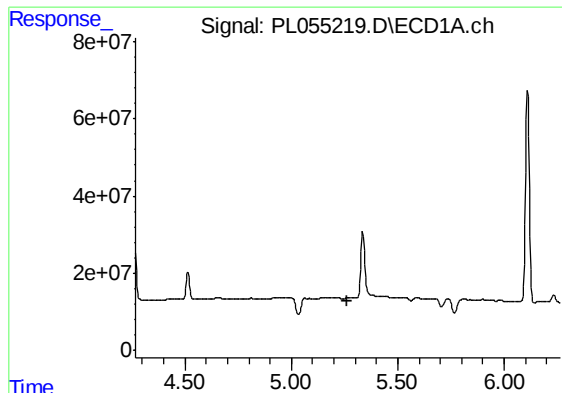
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 74333743
Conc: 10.84 ng/ml



#6 beta-BHC

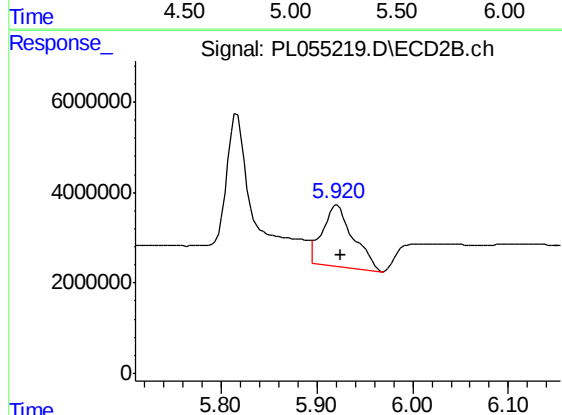
R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 19358382
Conc: 11.79 ng/ml



#8 Heptachlor epoxide

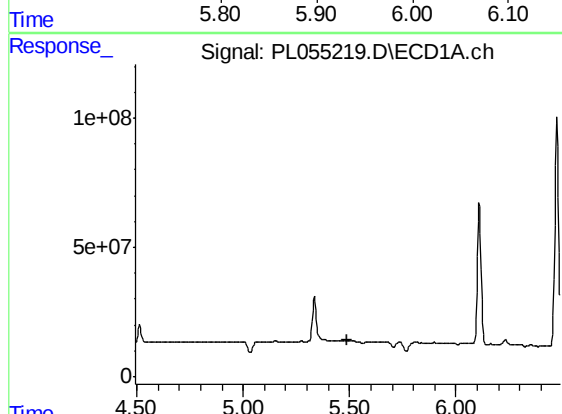
R.T.: 0.000 min
Exp R.T.: 5.265 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



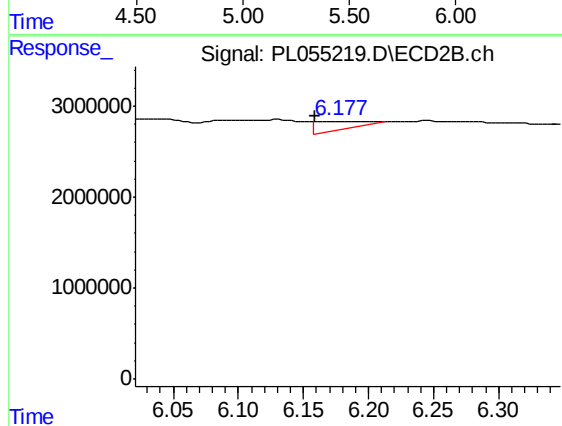
#8 Heptachlor epoxide

R.T.: 5.921 min
Delta R.T.: -0.004 min
Response: 30883449
Conc: 12.12 ng/ml



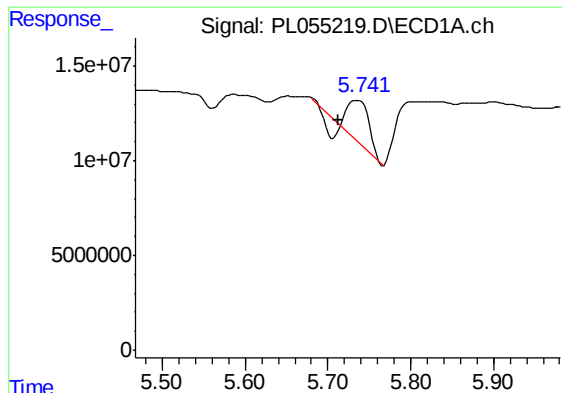
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.492 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

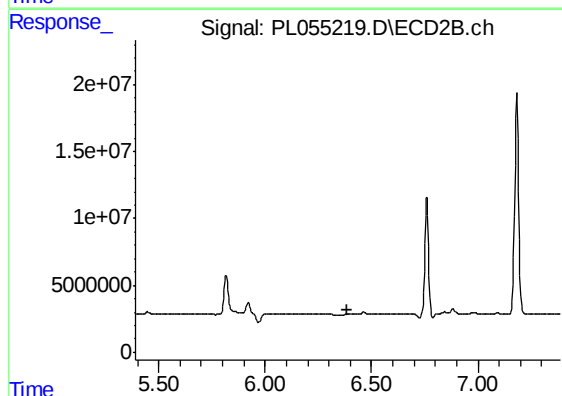
R.T.: 6.178 min
Delta R.T.: 0.019 min
Response: 2314083
Conc: 0.87 ng/ml



#12 4,4'-DDE

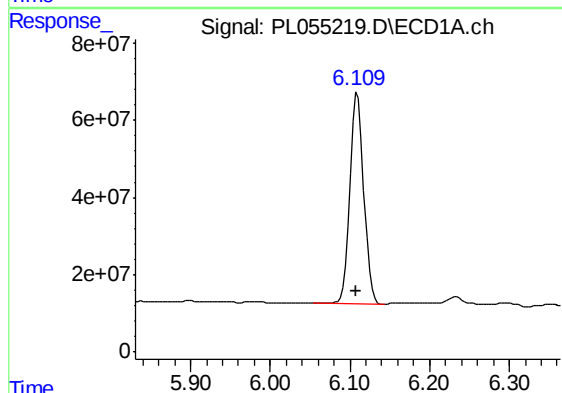
R.T.: 5.736 min
Delta R.T.: 0.023 min
Response: 34976541
Conc: 2.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



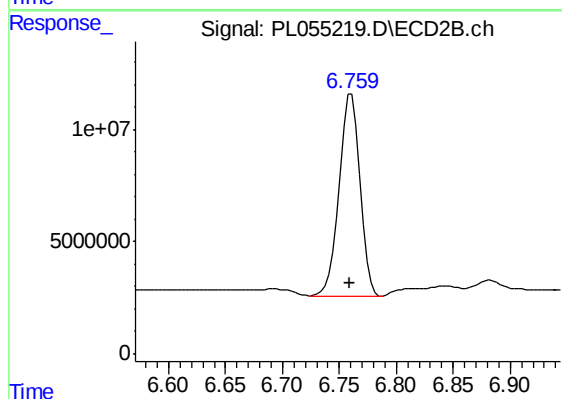
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.389 min
Response: 0
Conc: N.D.



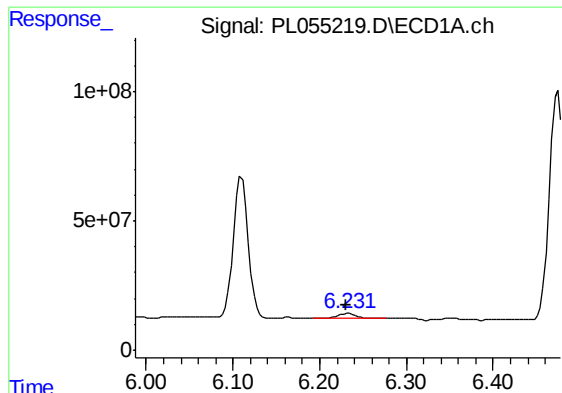
#14 Endrin

R.T.: 6.110 min
Delta R.T.: 0.002 min
Response: 660857834
Conc: 52.00 ng/ml



#14 Endrin

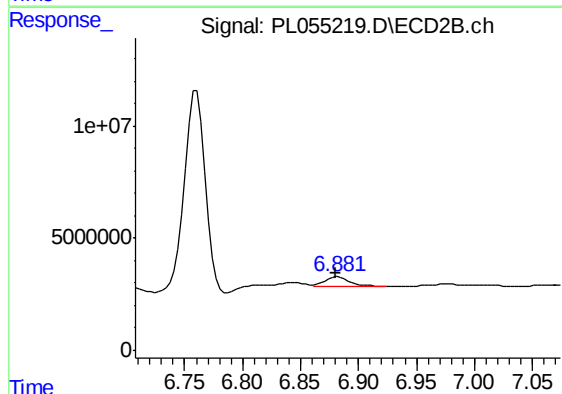
R.T.: 6.761 min
Delta R.T.: 0.002 min
Response: 113299191
Conc: 52.80 ng/ml



#16 4,4'-DDD

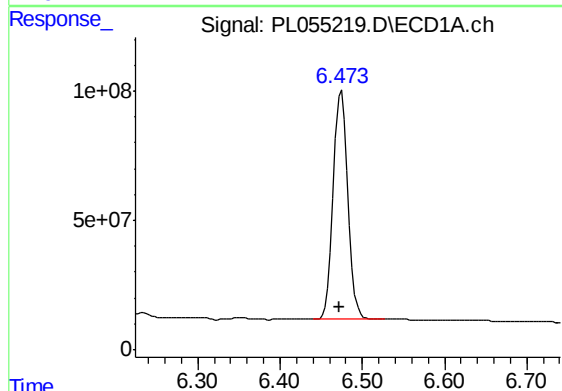
R.T.: 6.233 min
Delta R.T.: 0.002 min
Response: 23945572
Conc: 2.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



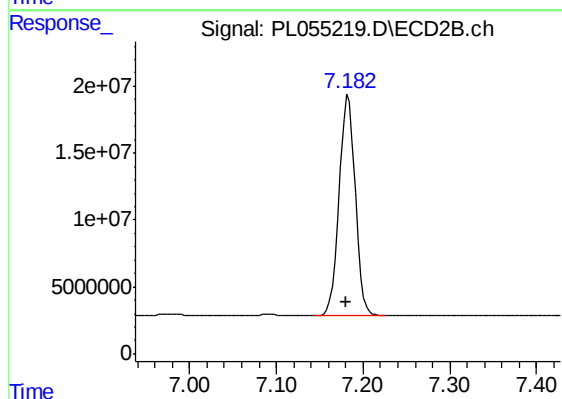
#16 4,4'-DDD

R.T.: 6.883 min
Delta R.T.: 0.002 min
Response: 5899370
Conc: 3.10 ng/ml



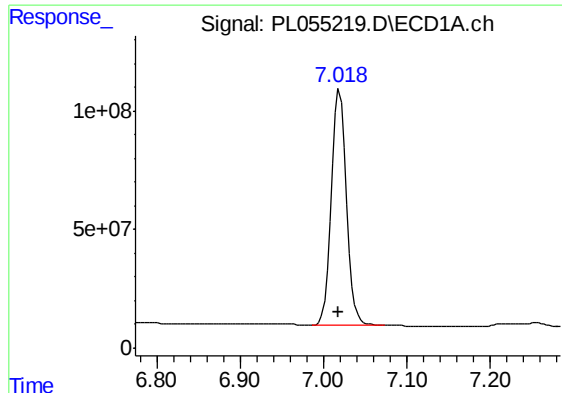
#17 4,4'-DDT

R.T.: 6.475 min
Delta R.T.: 0.001 min
Response: 1092786198
Conc: 108.55 ng/ml



#17 4,4'-DDT

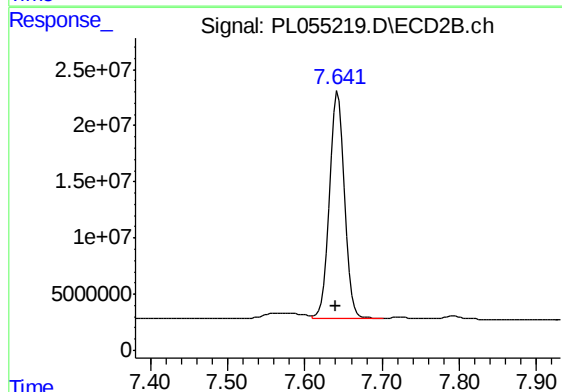
R.T.: 7.183 min
Delta R.T.: 0.003 min
Response: 213243667
Conc: 108.65 ng/ml



#20 Methoxychlor

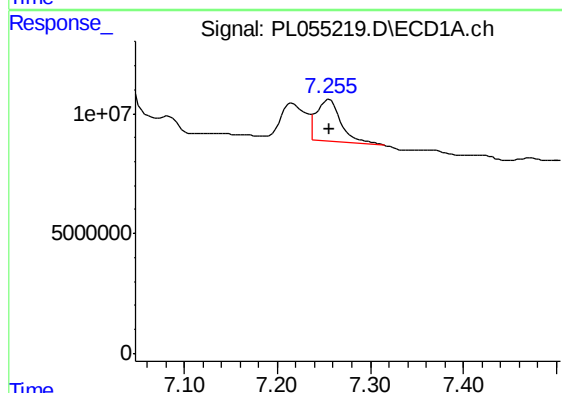
R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 1245892460
Conc: 258.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



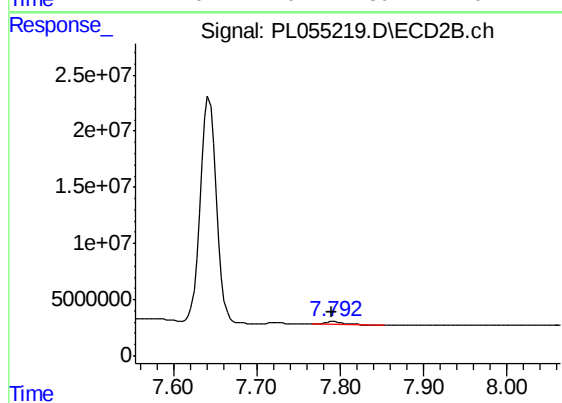
#20 Methoxychlor

R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 276940413
Conc: 256.60 ng/ml



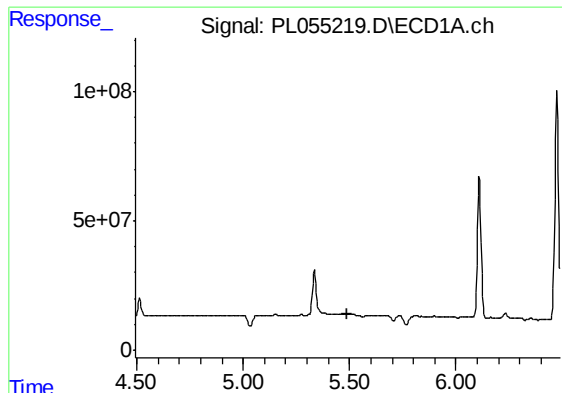
#21 Endrin ketone

R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 30747020
Conc: 2.93 ng/ml



#21 Endrin ketone

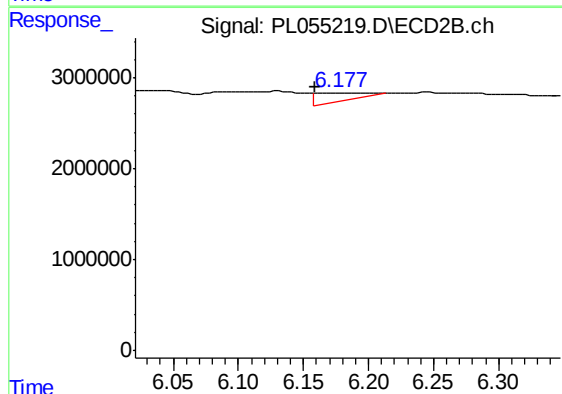
R.T.: 7.793 min
Delta R.T.: 0.003 min
Response: 3784680
Conc: 1.70 ng/ml



#25 Chlordane-3

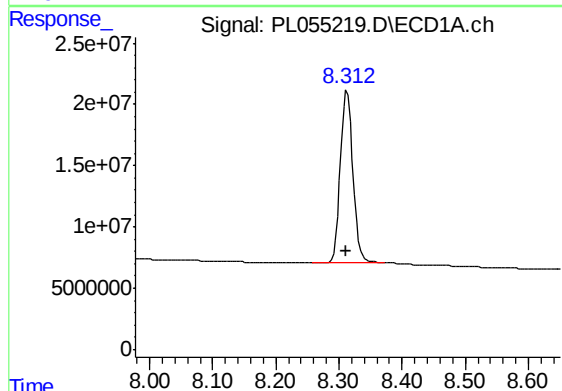
R.T.: 0.000 min
Exp R.T.: 5.492 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



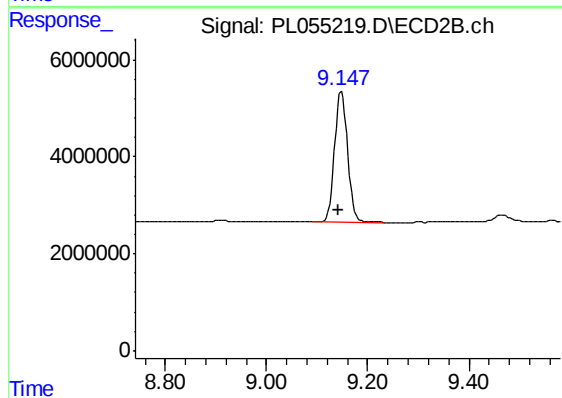
#25 Chlordane-3

R.T.: 6.178 min
Delta R.T.: 0.019 min
Response: 2314083
Conc: 7.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.313 min
Delta R.T.: 0.003 min
Response: 193402648
Conc: 20.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.148 min
Delta R.T.: 0.006 min
Response: 48052251
Conc: 21.77 ng/ml