

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092023AL\
 Data File : FE044372.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2023 21:22
 Operator : YP\AJ
 Sample : 04501-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 01:11:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.931	6574626	34.704 ug/ml
Spiked Amount 50.000		Recovery =	69.41%
12) S 1-chlorooctadecane (S...	13.370	5098521	36.906 ug/ml
Spiked Amount 50.000		Recovery =	73.81%
Target Compounds			
1) T n-Nonane (C9)	3.257f	106652	0.654 ug/ml
6) T n-Tetradecane (C14)	8.522	423649	2.526 ug/ml
8) T n-Octadecane (C18)	11.685f	207965	1.195 ug/ml
10) T n-Eicosane (C20)	12.900	53355	0.323 ug/ml
13) T n-Docosane (C22)	14.148	265552	1.662 ug/ml
14) T n-Tetracosane (C24)	15.200	583960	3.734 ug/ml
16) T n-Octacosane (C28)	17.199	180951	1.254 ug/ml
17) T n-Tricontane (C30)	18.085	184709	1.271 ug/ml
18) T n-Dotriacontane (C32)	18.916	131916	0.926 ug/ml
19) T n-Tetratriacontane (C34)	19.707	214470	1.533 ug/ml

(f)=RT Delta > 1/2 Window

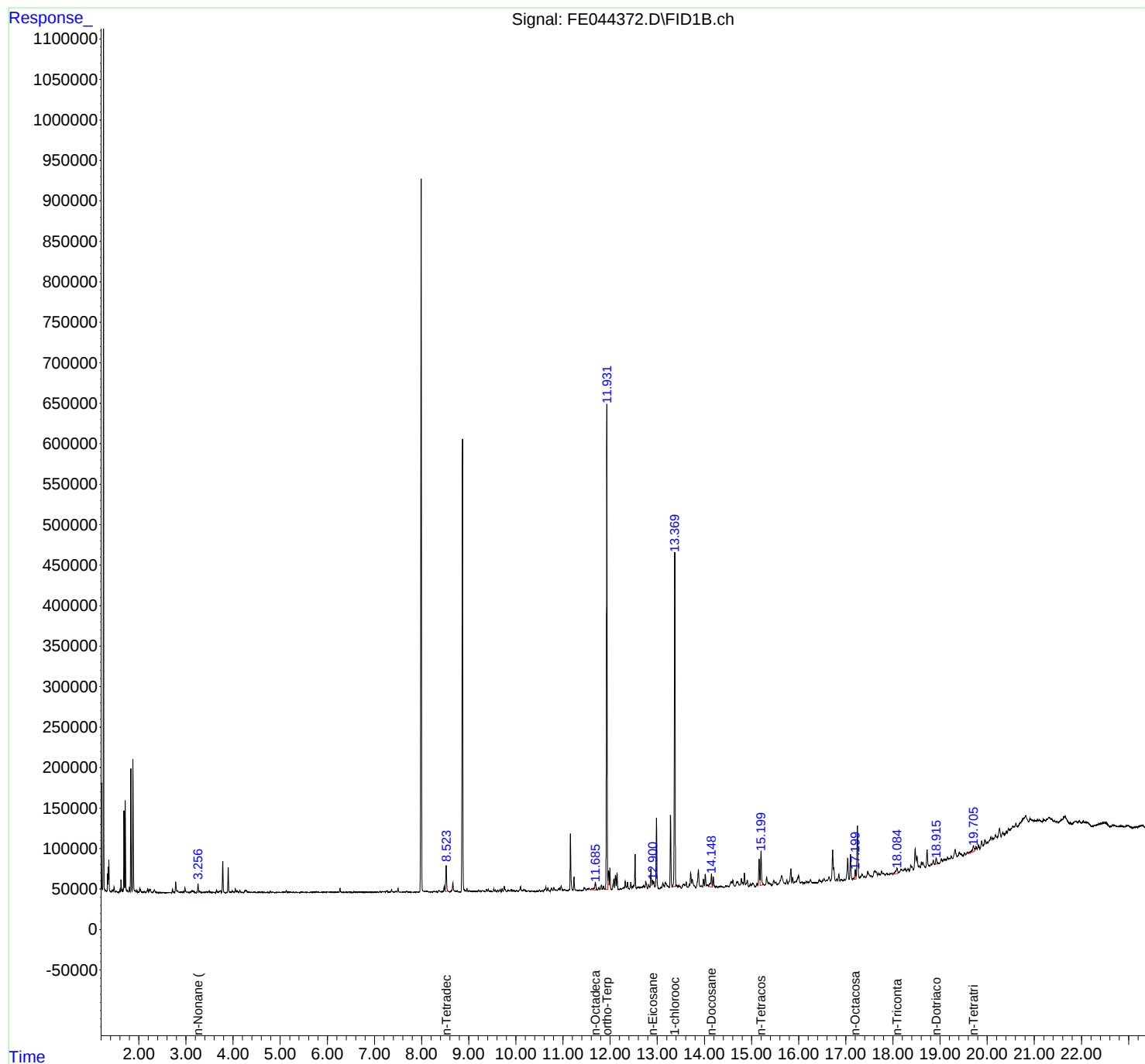
(m)=manual int.

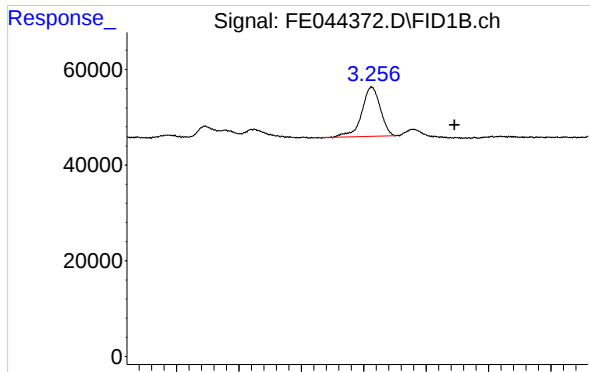
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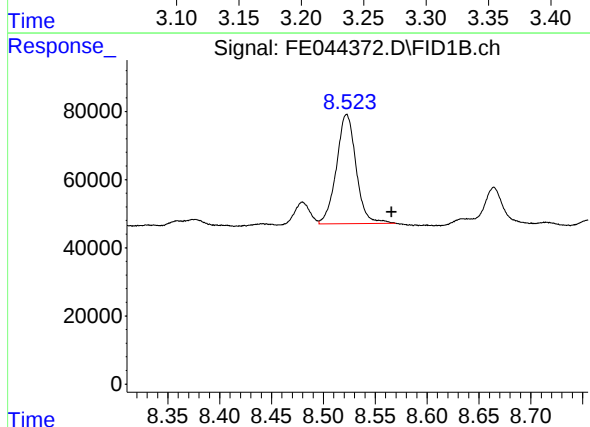




#1 n-Nonane (C9)

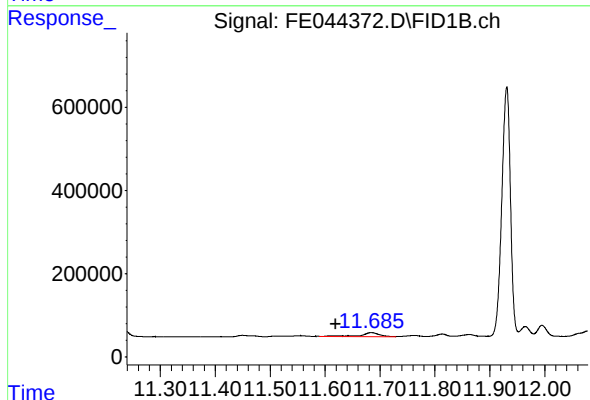
R.T.: 3.257 min
Delta R.T.: -0.067 min
Response: 106652
Conc: 0.65 ug/ml

Instrument :
FID_E
ClientSampleId :



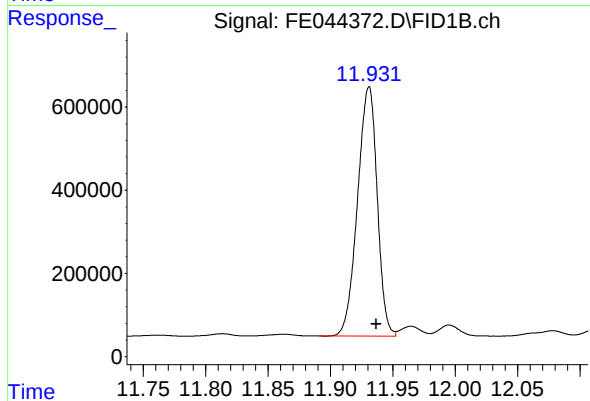
#6 n-Tetradecane (C14)

R.T.: 8.522 min
Delta R.T.: -0.044 min
Response: 423649
Conc: 2.53 ug/ml



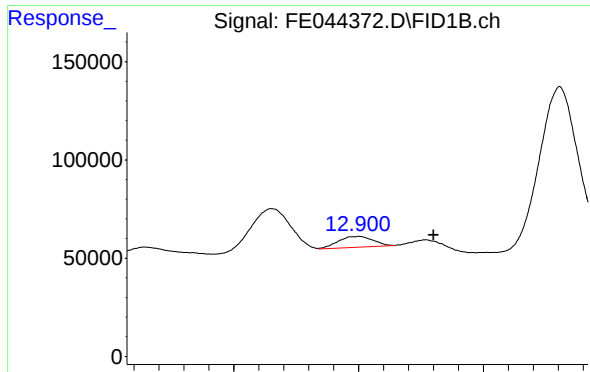
#8 n-Octadecane (C18)

R.T.: 11.685 min
Delta R.T.: 0.065 min
Response: 207965
Conc: 1.19 ug/ml



#9 ortho-Terphenyl (SURR)

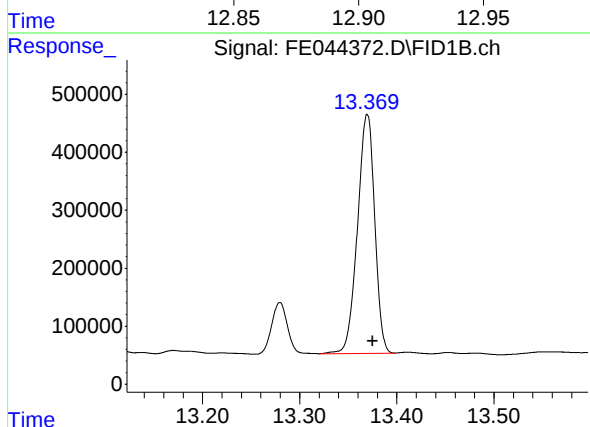
R.T.: 11.931 min
Delta R.T.: -0.006 min
Response: 6574626
Conc: 34.70 ug/ml



#10 n-Eicosane (C20)

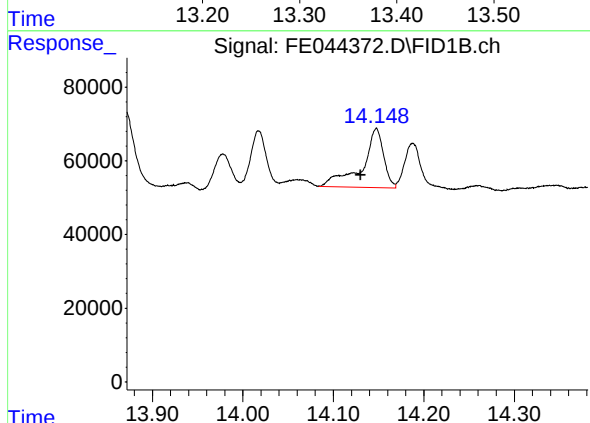
R.T.: 12.900 min
Delta R.T.: -0.030 min
Response: 53355
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :



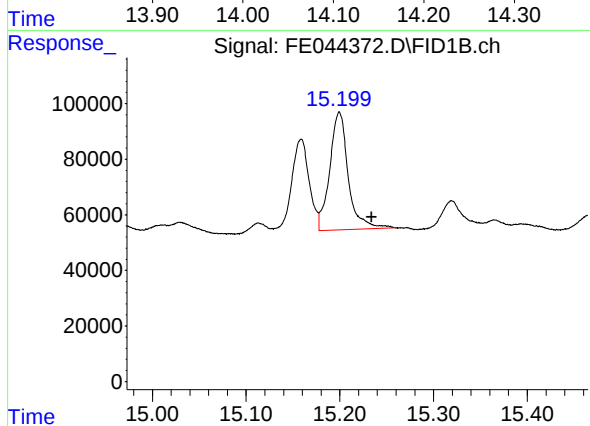
#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.005 min
Response: 5098521
Conc: 36.91 ug/ml



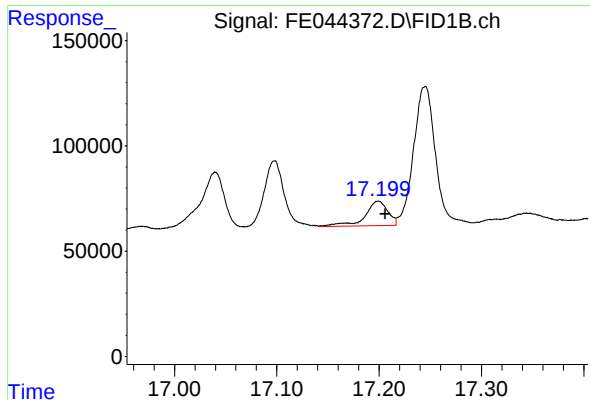
#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: 0.017 min
Response: 265552
Conc: 1.66 ug/ml



#14 n-Tetracosane (C24)

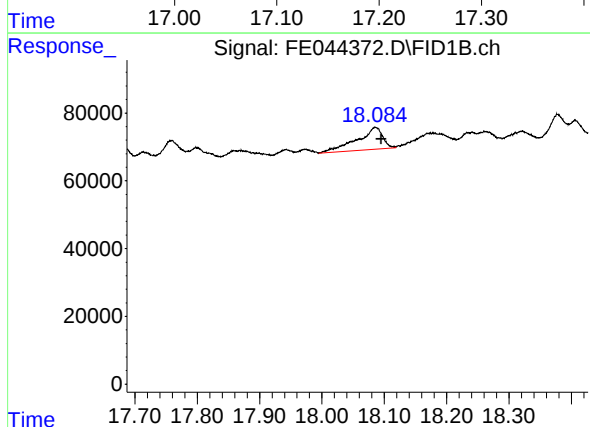
R.T.: 15.200 min
Delta R.T.: -0.034 min
Response: 583960
Conc: 3.73 ug/ml



#16 n-Octacosane (C28)

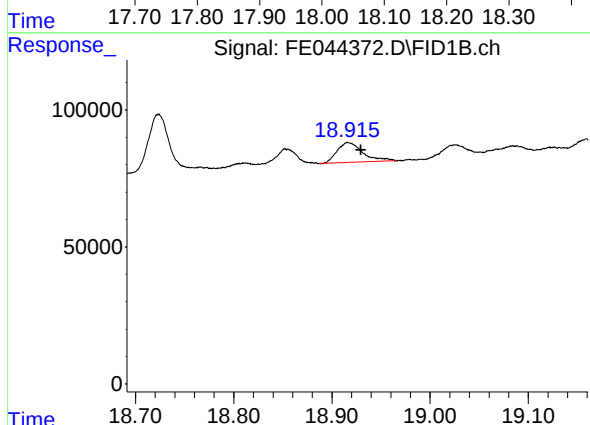
R.T.: 17.199 min
Delta R.T.: -0.007 min
Response: 180951
Conc: 1.25 ug/ml

Instrument :
FID_E
ClientSampleId :



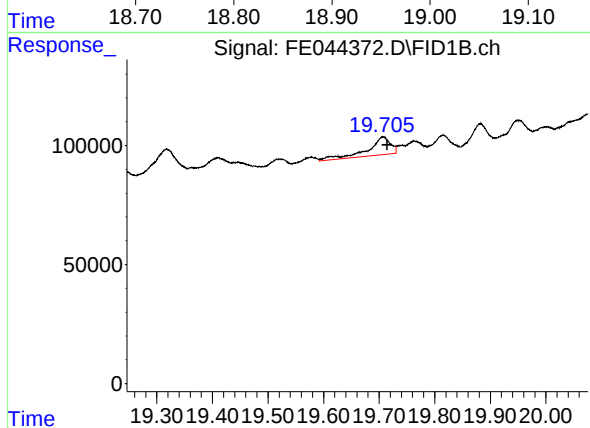
#17 n-Tricontane (C30)

R.T.: 18.085 min
Delta R.T.: -0.009 min
Response: 184709
Conc: 1.27 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.013 min
Response: 131916
Conc: 0.93 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.008 min
Response: 214470
Conc: 1.53 ug/ml