

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032923AL\
 Data File : FE041064.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2023 09:52
 Operator : YP\AJ
 Sample : 02106-01DL 25X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 01:43:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.852	500091	2.661 ug/ml
Spiked Amount 50.000		Recovery =	5.32%
12) S 1-chlorooctadecane (S...	13.293	685961	4.768 ug/ml
Spiked Amount 50.000		Recovery =	9.54%
Target Compounds			
7) T n-Hexadecane (C16)	10.098	9538	0.054 ug/ml
8) T n-Octadecane (C18)	11.547	64829	0.363 ug/ml
10) T n-Eicosane (C20)	12.857	306313	1.796 ug/ml
11) T n-Heneicosane (C21)	13.467	109599	0.648 ug/ml
13) T n-Docosane (C22)	14.045	180075	1.088 ug/ml
17) T n-Tricontane (C30)	18.011	37124	0.243 ug/ml
18) T n-Dotriacontane (C32)	18.844	41448	0.265 ug/ml
19) T n-Tetratriacontane (C34)	19.629	26075	0.168 ug/ml
20) T n-Hexatriacontane (C36)	20.378	8657	0.057 ug/ml

(f)=RT Delta > 1/2 Window

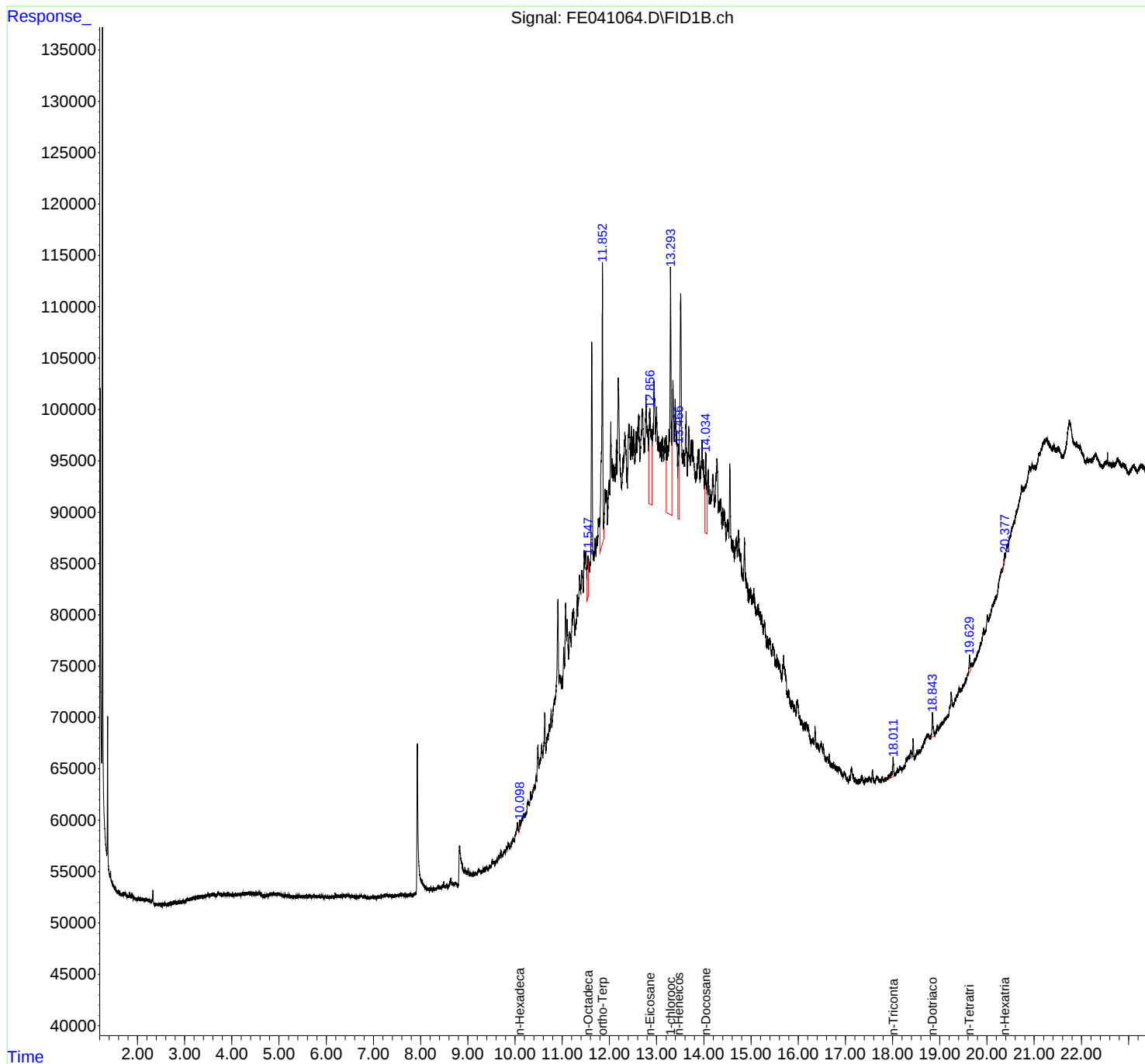
(m)=manual int.

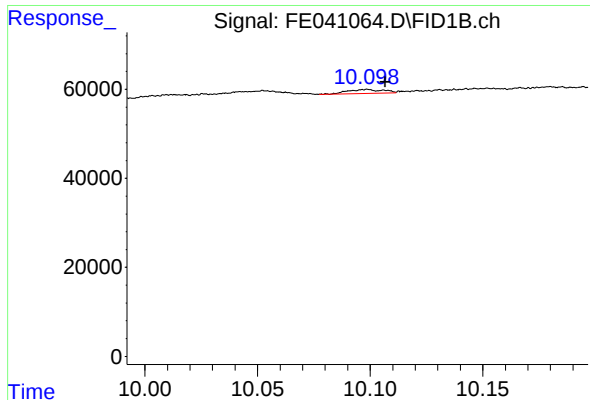
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Signal Info : 20M x 0.18mm x 0.18um

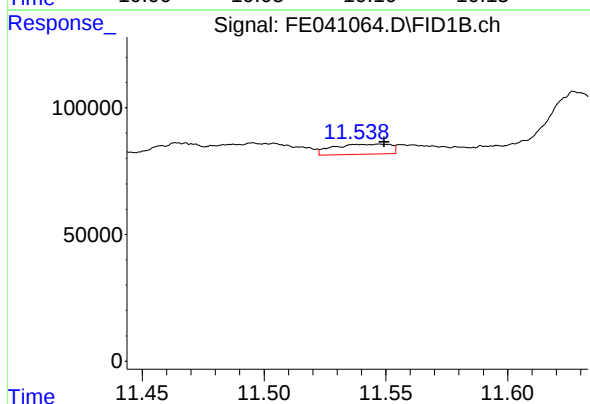




#7 n-Hexadecane (C16)

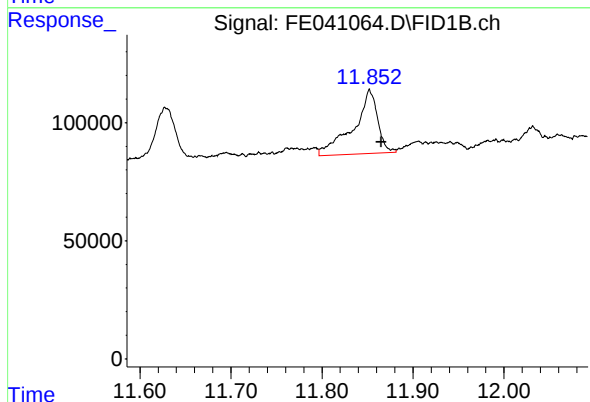
R.T.: 10.098 min
Delta R.T.: -0.008 min
Response: 9538
Conc: 0.05 ug/ml

Instrument :
FID_E
ClientSampleId :



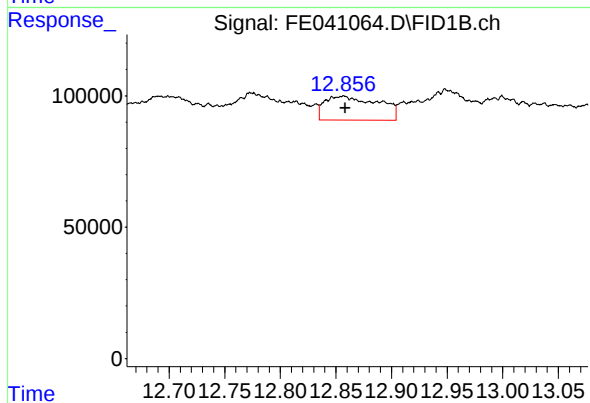
#8 n-Octadecane (C18)

R.T.: 11.547 min
Delta R.T.: -0.002 min
Response: 64829
Conc: 0.36 ug/ml



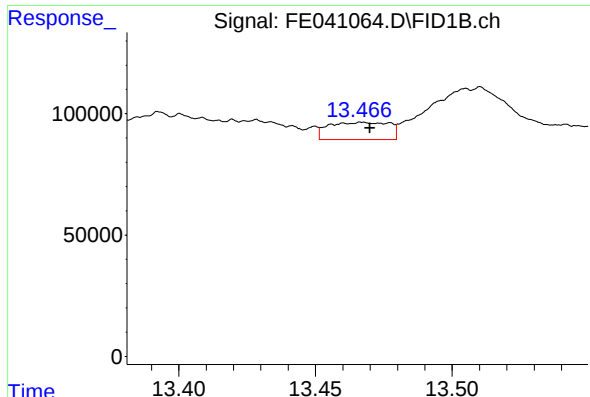
#9 ortho-Terphenyl (SURR)

R.T.: 11.852 min
Delta R.T.: -0.013 min
Response: 500091
Conc: 2.66 ug/ml



#10 n-Eicosane (C20)

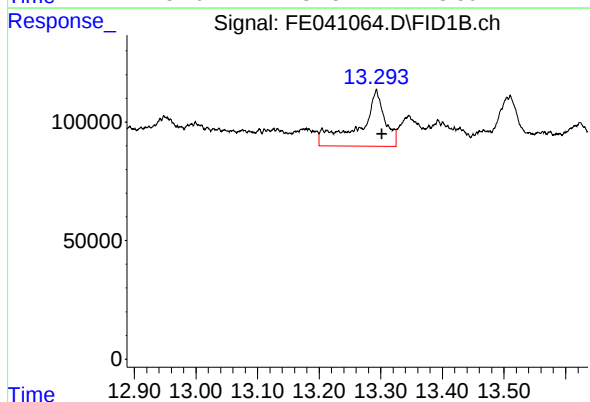
R.T.: 12.857 min
Delta R.T.: -0.001 min
Response: 306313
Conc: 1.80 ug/ml



#11 n-Heneicosane (C21)

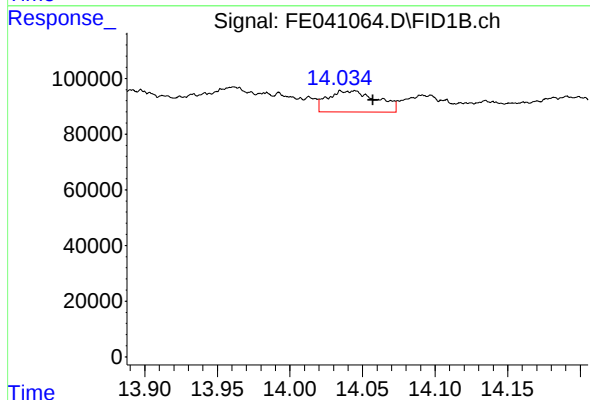
R.T.: 13.467 min
Delta R.T.: -0.003 min
Response: 109599
Conc: 0.65 ug/ml

Instrument :
FID_E
ClientSampleId :



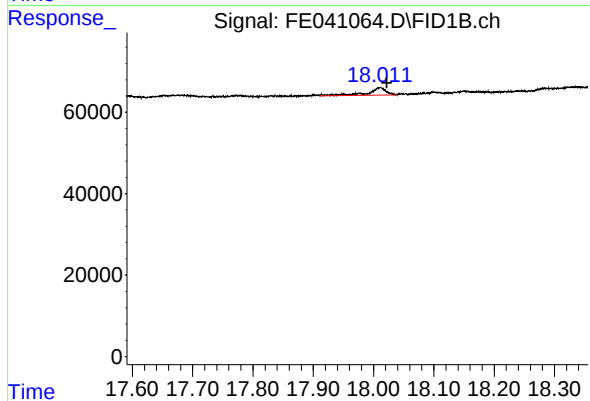
#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.009 min
Response: 685961
Conc: 4.77 ug/ml



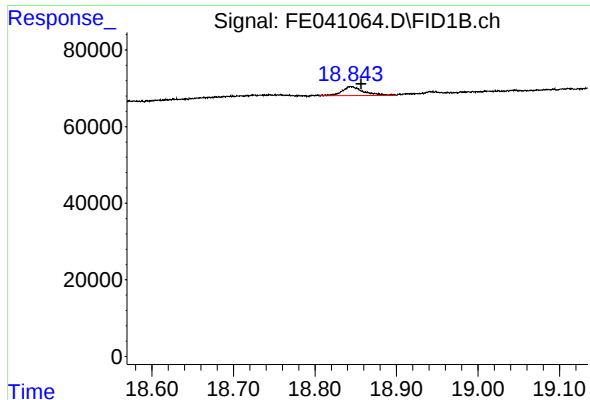
#13 n-Docosane (C22)

R.T.: 14.045 min
Delta R.T.: -0.012 min
Response: 180075
Conc: 1.09 ug/ml



#17 n-Tricontane (C30)

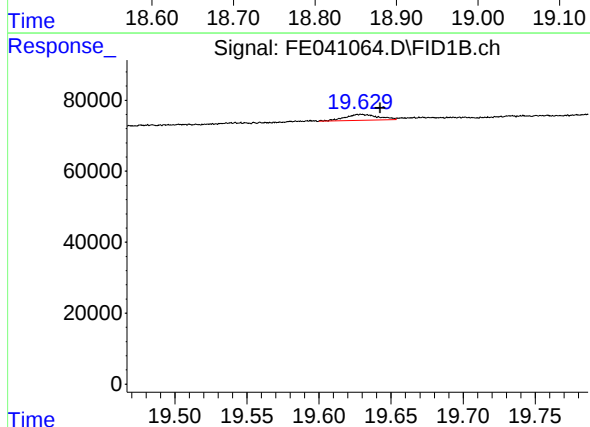
R.T.: 18.011 min
Delta R.T.: -0.011 min
Response: 37124
Conc: 0.24 ug/ml



#18 n-Dotriacontane (C32)

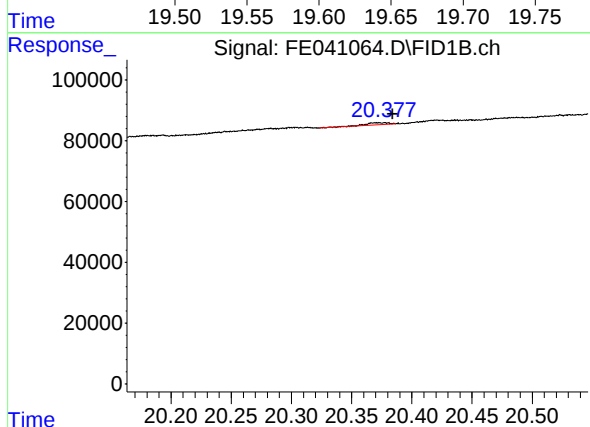
R.T.: 18.844 min
Delta R.T.: -0.013 min
Response: 41448
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.629 min
Delta R.T.: -0.014 min
Response: 26075
Conc: 0.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.006 min
Response: 8657
Conc: 0.06 ug/ml