

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
 Data File : FE053078.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2025 18:33
 Operator : YP\AJ
 Sample : Q1675-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 01 01:42:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.899	5349469	32.842 ug/ml
Spiked Amount 50.000		Recovery =	65.68%
12) S 1-chlorooctadecane (S...	13.343	3896718	32.461 ug/ml
Spiked Amount 50.000		Recovery =	64.92%
Target Compounds			
7) T n-Hexadecane (C16)	10.132	205042	1.330 ug/ml
8) T n-Octadecane (C18)	11.581	254516	1.678 ug/ml
10) T n-Eicosane (C20)	12.896	254796	1.787 ug/ml
11) T n-Heneicosane (C21)	13.510	134486	0.969 ug/ml
13) T n-Docosane (C22)	14.097	124929	0.912 ug/ml
17) T n-Tricontane (C30)	18.070	181301	1.338 ug/ml
18) T n-Dotriacontane (C32)	18.905	215947	1.605 ug/ml
19) T n-Tetratriacontane (C34)	19.691	209183	1.617 ug/ml
20) T n-Hexatriacontane (C36)	20.434	150322	1.265 ug/ml

(f)=RT Delta > 1/2 Window

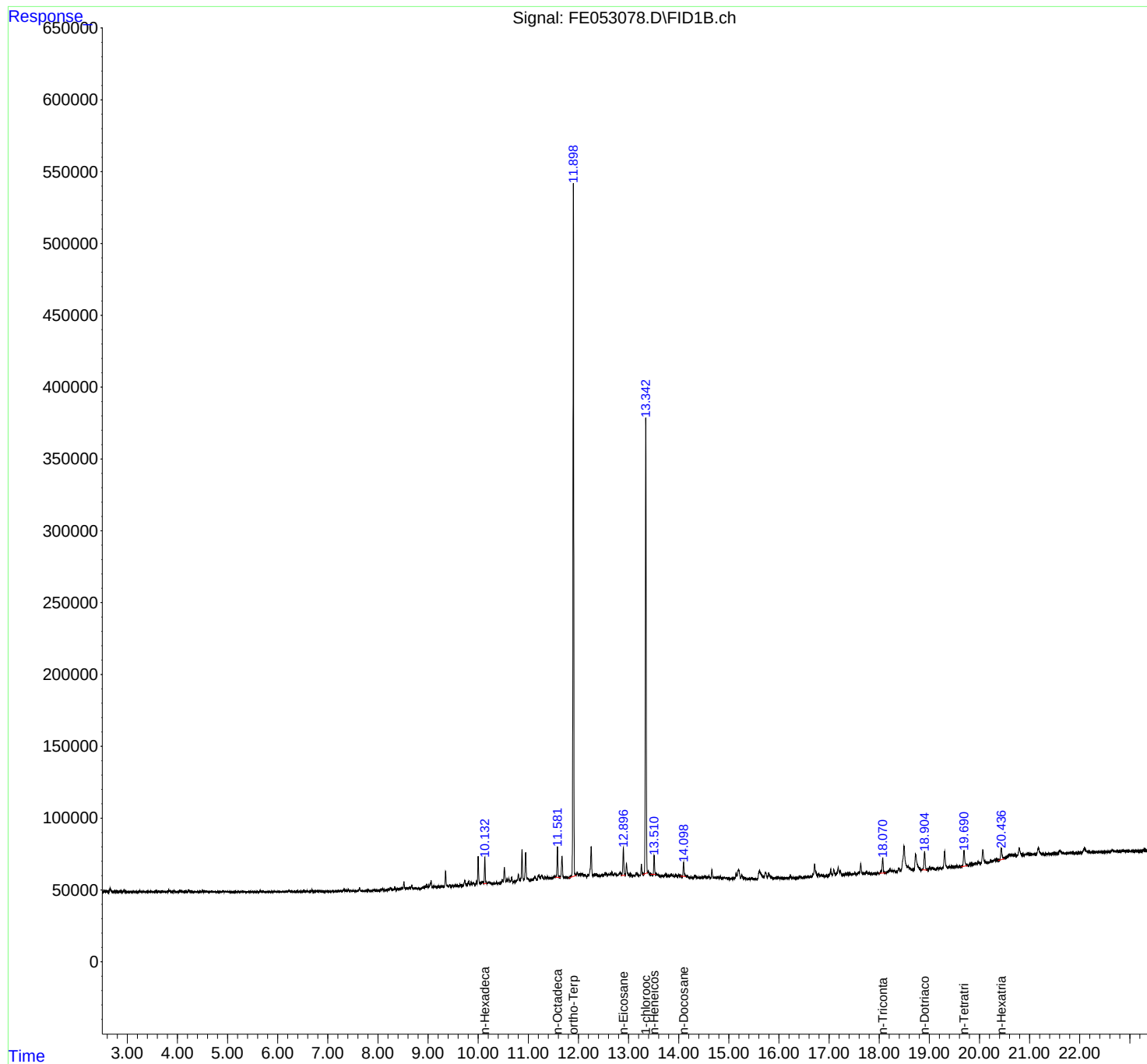
(m)=manual int.

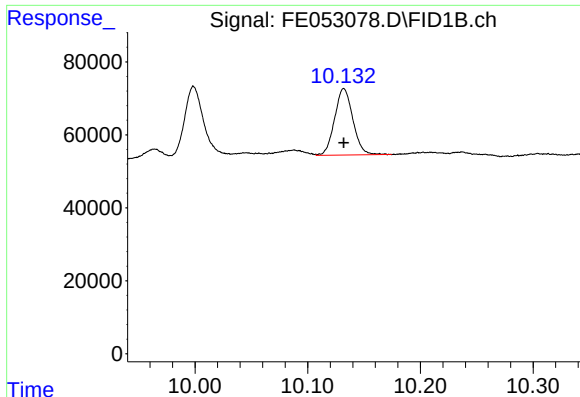
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

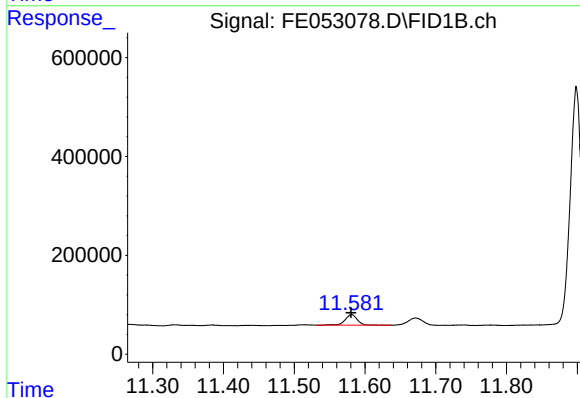




#7 n-Hexadecane (C16)

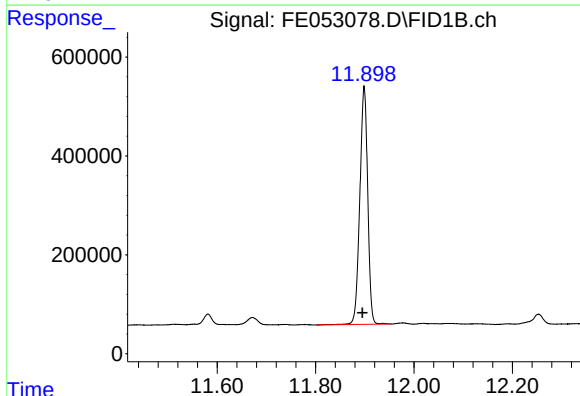
R.T.: 10.132 min
Delta R.T.: 0.000 min
Response: 205042
Conc: 1.33 ug/ml

Instrument :
FID_E
ClientSampleId :



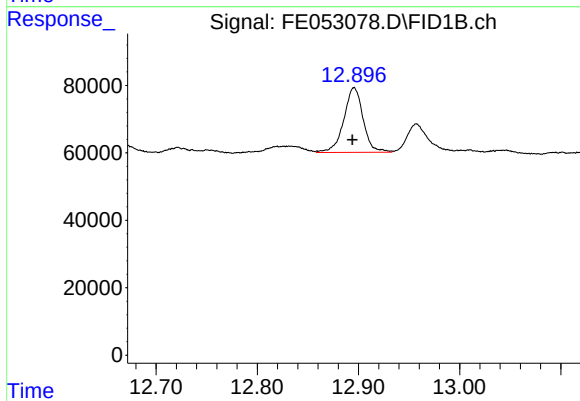
#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 254516
Conc: 1.68 ug/ml



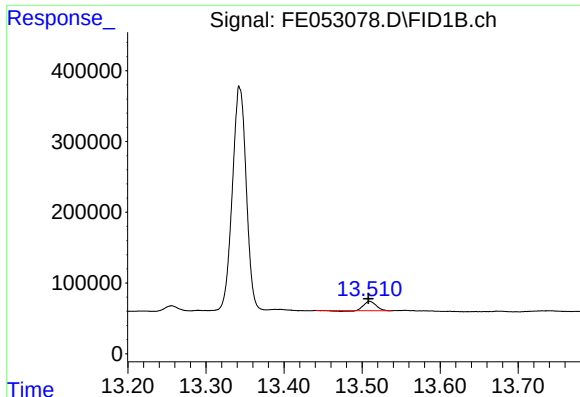
#9 ortho-Terphenyl (SURR)

R.T.: 11.899 min
Delta R.T.: 0.003 min
Response: 5349469
Conc: 32.84 ug/ml



#10 n-Eicosane (C20)

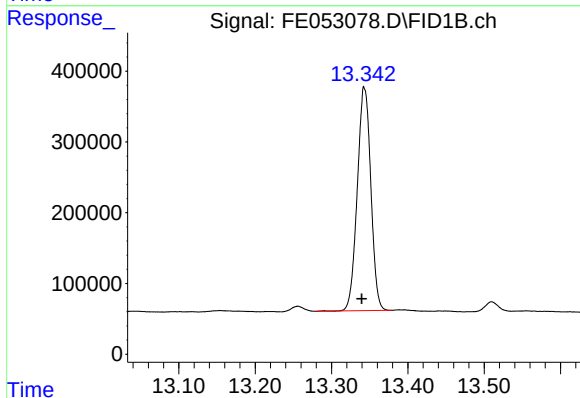
R.T.: 12.896 min
Delta R.T.: 0.002 min
Response: 254796
Conc: 1.79 ug/ml



#11 n-Heneicosane (C21)

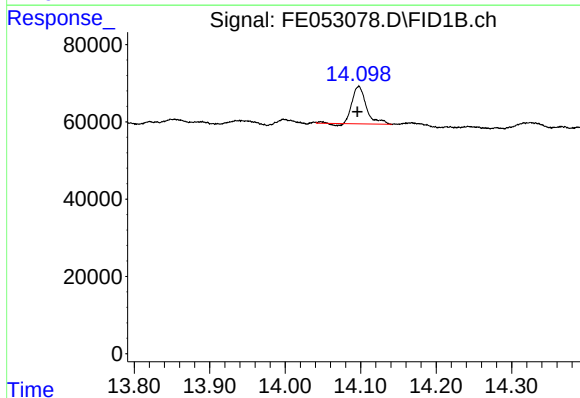
R.T.: 13.510 min
Delta R.T.: 0.002 min
Response: 134486
Conc: 0.97 ug/ml

Instrument :
FID_E
ClientSampleId :



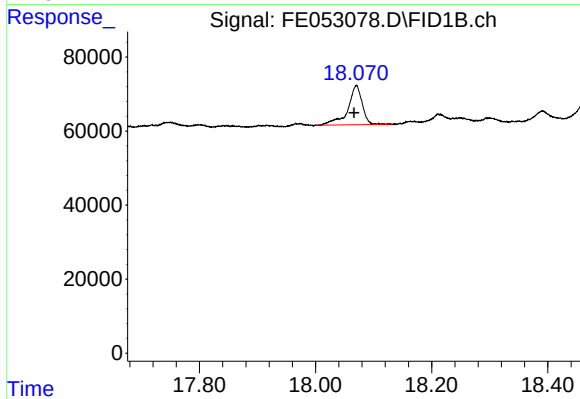
#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: 0.004 min
Response: 3896718
Conc: 32.46 ug/ml



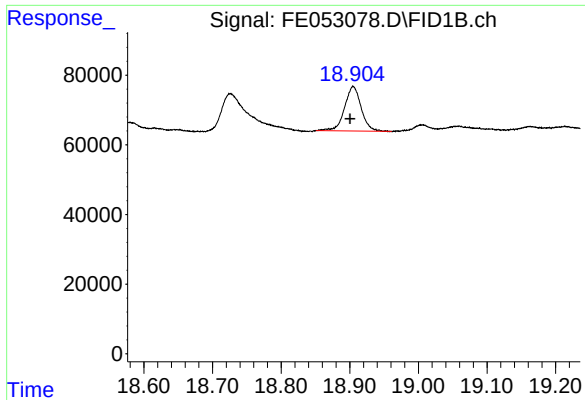
#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: 0.002 min
Response: 124929
Conc: 0.91 ug/ml



#17 n-Tricontane (C30)

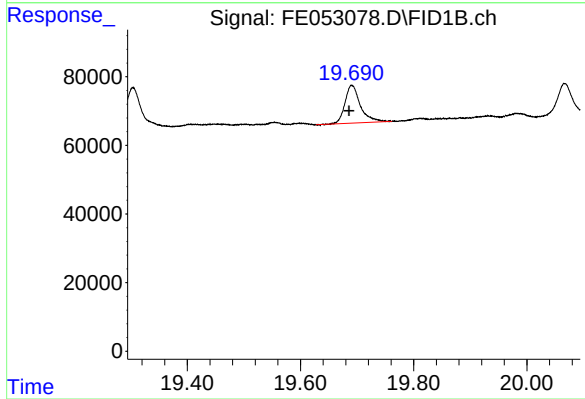
R.T.: 18.070 min
Delta R.T.: 0.004 min
Response: 181301
Conc: 1.34 ug/ml



#18 n-Dotriacontane (C32)

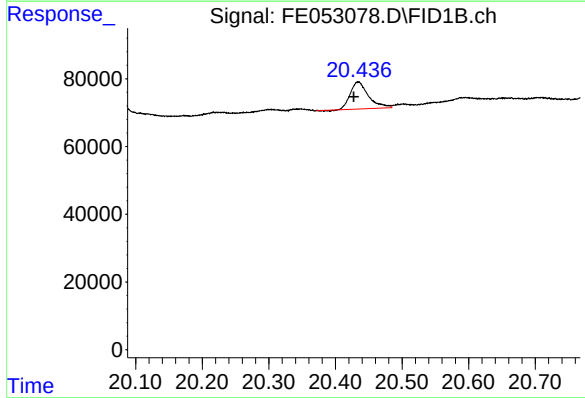
R.T.: 18.905 min
Delta R.T.: 0.005 min
Response: 215947
Conc: 1.60 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: 0.005 min
Response: 209183
Conc: 1.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.434 min
Delta R.T.: 0.006 min
Response: 150322
Conc: 1.27 ug/ml