

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031723AL\
 Data File : FE040864.D
 Signal(s) : FID1B.ch
 Acq On : 17 Mar 2023 13:03
 Operator : YP\AJ
 Sample : 01939-05DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 18 00:31:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 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)	11.872	842977	4.512 ug/ml
Spiked Amount 50.000		Recovery =	9.02%
12) S 1-chlorooctadecane (S...	13.312	520387	3.516 ug/ml
Spiked Amount 50.000		Recovery =	7.03%
Target Compounds			
6) T n-Tetradecane (C14)	8.491	11876	0.077 ug/ml
7) T n-Hexadecane (C16)	10.117	64449	0.399 ug/ml
8) T n-Octadecane (C18)	11.558	50704	0.299 ug/ml
10) T n-Eicosane (C20)	12.868	72354	0.428 ug/ml
11) T n-Heneicosane (C21)	13.479	46240	0.270 ug/ml
13) T n-Docosane (C22)	14.065	47395	0.277 ug/ml
16) T n-Octacosane (C28)	17.158	60538	0.361 ug/ml
17) T n-Tricontane (C30)	18.029	76108	0.466 ug/ml
18) T n-Dotriacontane (C32)	18.860	49497	0.289 ug/ml
19) T n-Tetratriacontane (C34)	19.676	73118	0.473 ug/ml

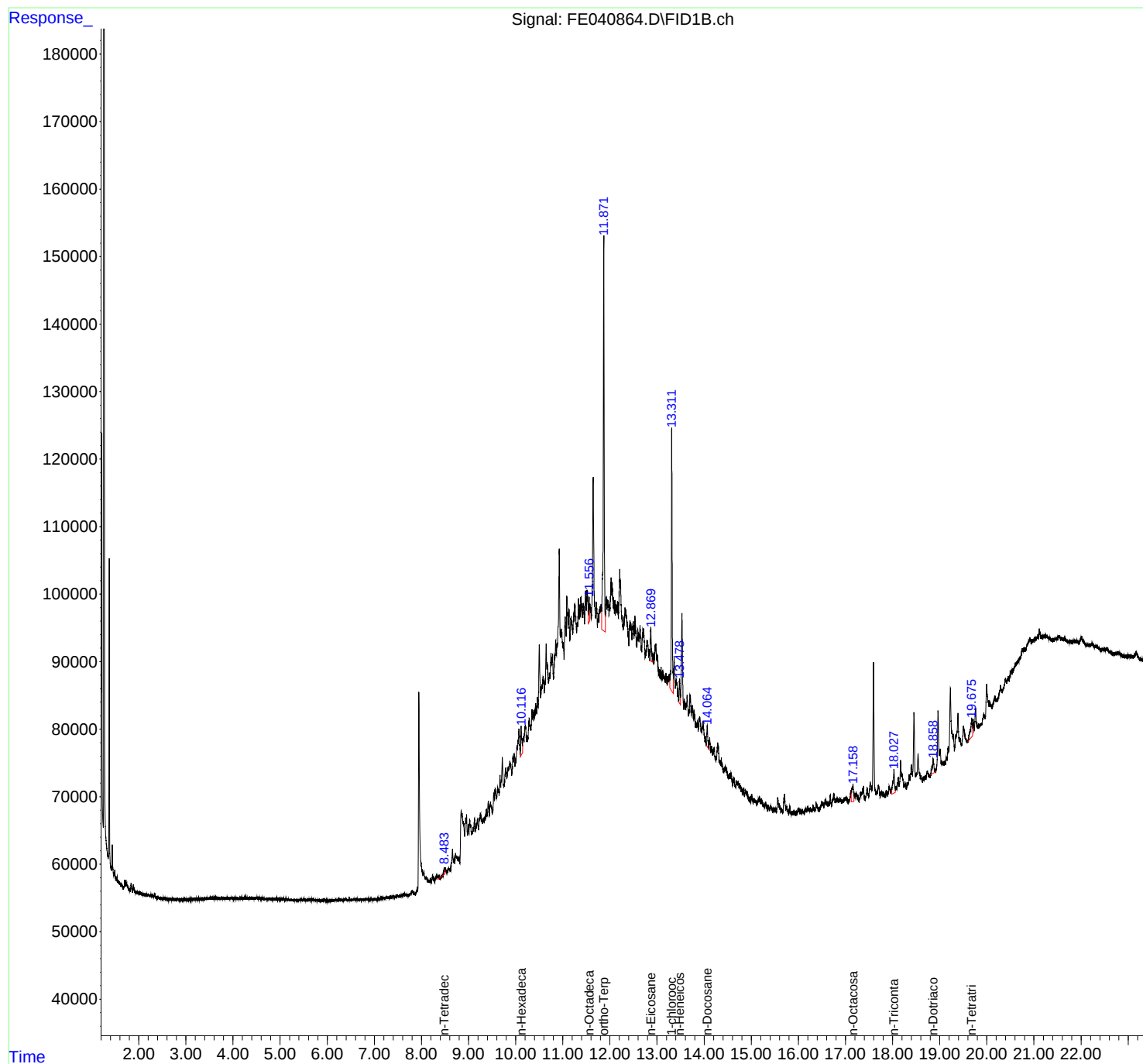
(f)=RT Delta > 1/2 Window

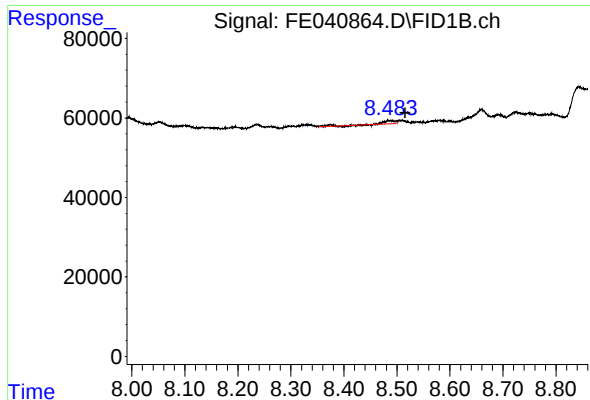
(m)=manual int.

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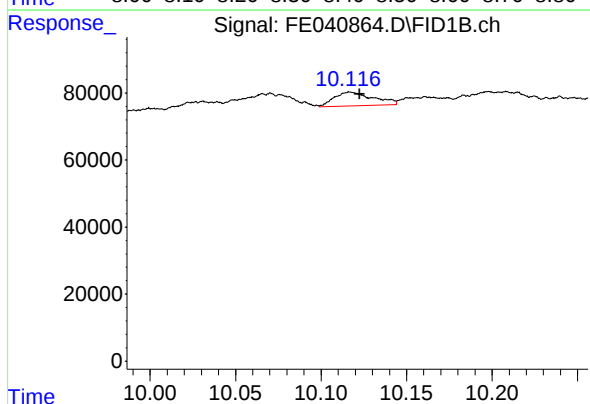
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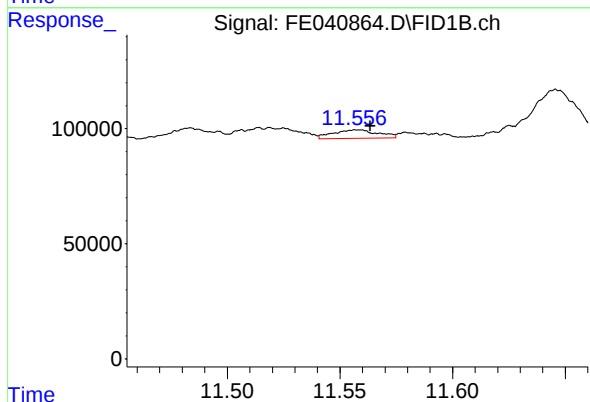
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.024 min
Response: 11876
Conc: 0.08 ug/ml



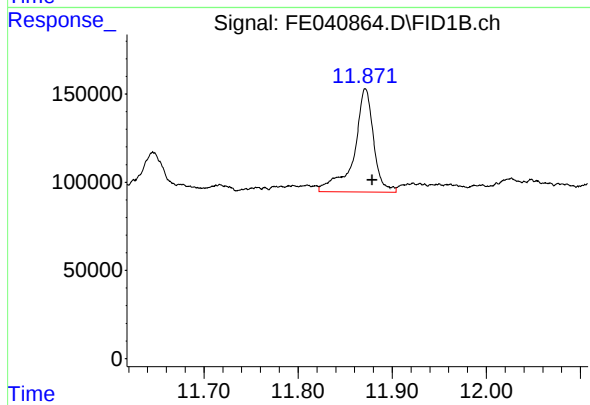
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: -0.006 min
Response: 64449
Conc: 0.40 ug/ml



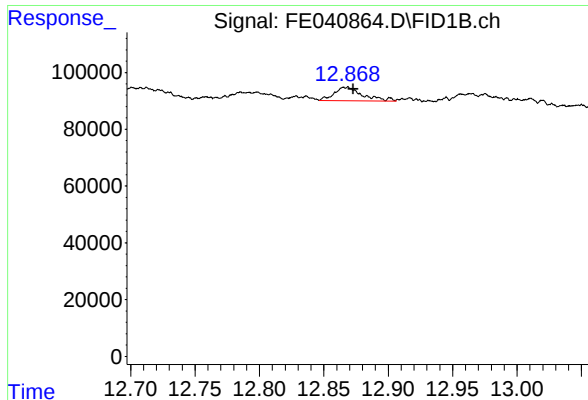
#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: -0.005 min
Response: 50704
Conc: 0.30 ug/ml



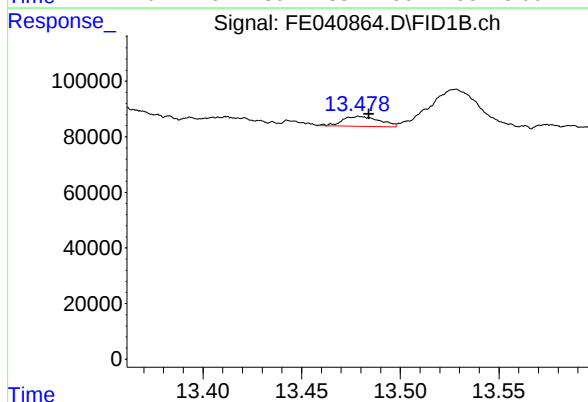
#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: -0.007 min
Response: 842977
Conc: 4.51 ug/ml



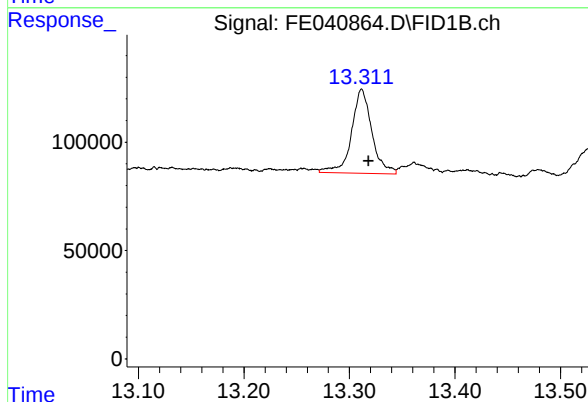
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.005 min
Response: 72354
Conc: 0.43 ug/ml



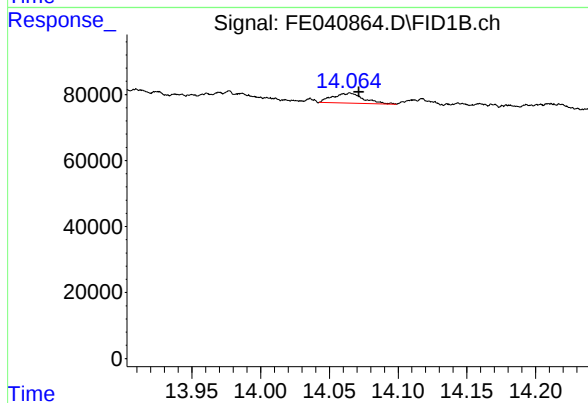
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: -0.005 min
Response: 46240
Conc: 0.27 ug/ml



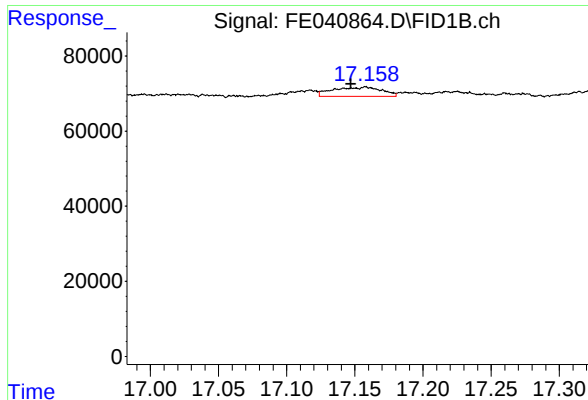
#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: -0.006 min
Response: 520387
Conc: 3.52 ug/ml



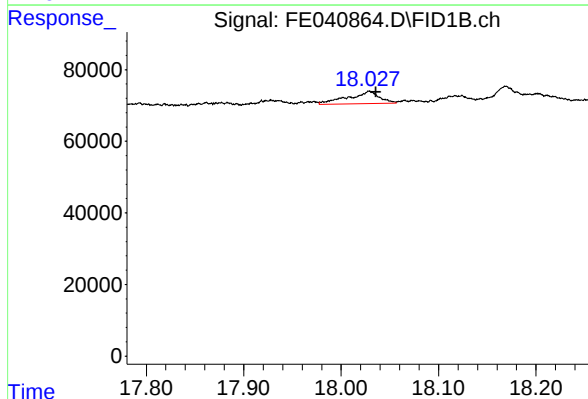
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.006 min
Response: 47395
Conc: 0.28 ug/ml



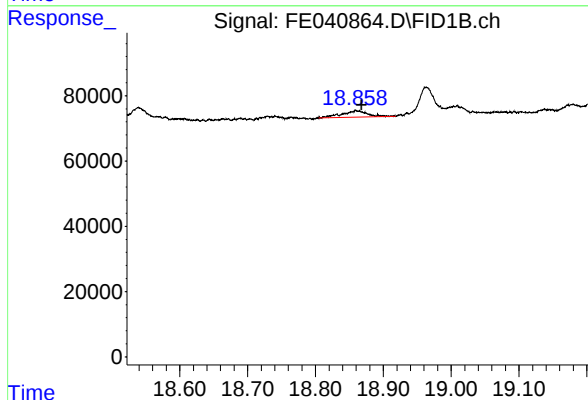
#16 n-Octacosane (C28)

R.T.: 17.158 min
Delta R.T.: 0.010 min
Response: 60538
Conc: 0.36 ug/ml



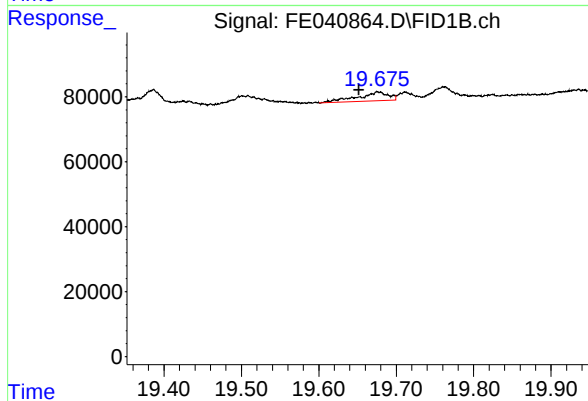
#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: -0.007 min
Response: 76108
Conc: 0.47 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: -0.008 min
Response: 49497
Conc: 0.29 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.676 min
Delta R.T.: 0.024 min
Response: 73118
Conc: 0.47 ug/ml