

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051123AL\
 Data File : FE041853.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2023 09:43
 Operator : YP\AJ
 Sample : 02721-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 12 01:12:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.966	4244503	22.624 ug/ml
Spiked Amount 50.000		Recovery =	45.25%
12) S 1-chlorooctadecane (S...	13.402	2730821	19.331 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
Target Compounds			
6) T n-Tetradecane (C14)	8.580	58320	0.384 ug/ml
7) T n-Hexadecane (C16)	10.208	232030	1.454 ug/ml
8) T n-Octadecane (C18)	11.645	620449	3.785 ug/ml
10) T n-Eicosane (C20)	12.959	608070	3.780 ug/ml
11) T n-Heneicosane (C21)	13.574	208914	1.311 ug/ml
13) T n-Docosane (C22)	14.154	236712	1.486 ug/ml
14) T n-Tetracosane (C24)	15.230	20077	0.125 ug/ml
16) T n-Octacosane (C28)	17.226	35534	0.231 ug/ml
17) T n-Tricontane (C30)	18.113	46364	0.304 ug/ml
18) T n-Dotriacontane (C32)	18.946	51828	0.348 ug/ml
19) T n-Tetratriacontane (C34)	19.729	28007	0.199 ug/ml
20) T n-Hexatriacontane (C36)	20.470	24292	0.182 ug/ml

(f)=RT Delta > 1/2 Window

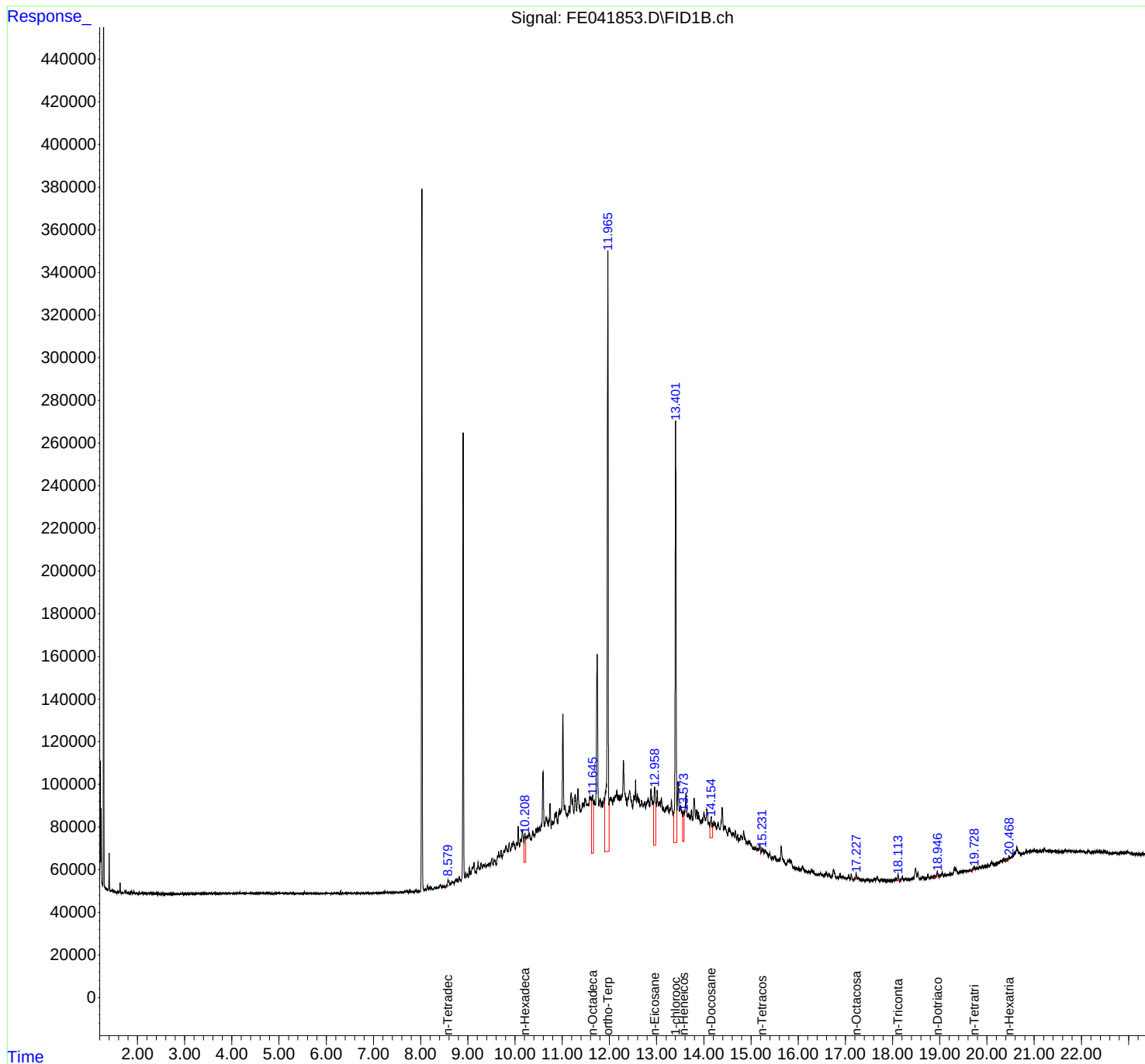
(m)=manual int.

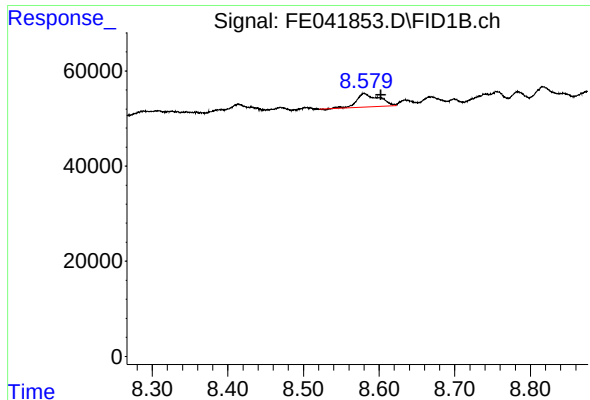
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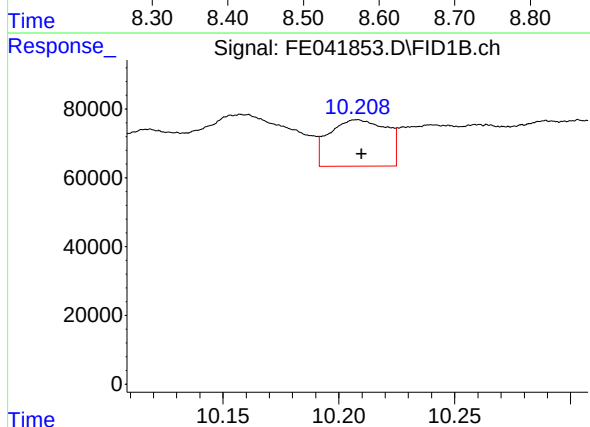




#6 n-Tetradecane (C14)

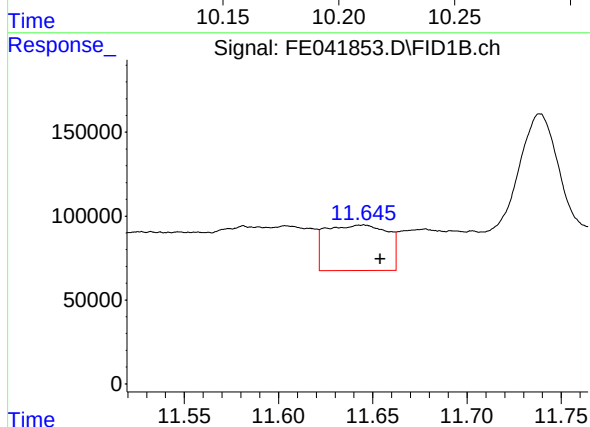
R.T.: 8.580 min
Delta R.T.: -0.022 min
Response: 58320
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :



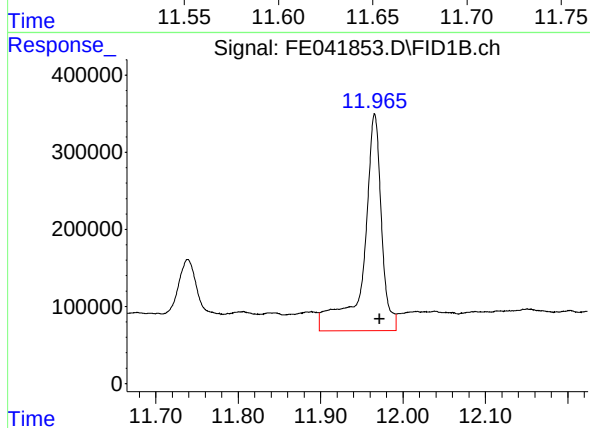
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.002 min
Response: 232030
Conc: 1.45 ug/ml



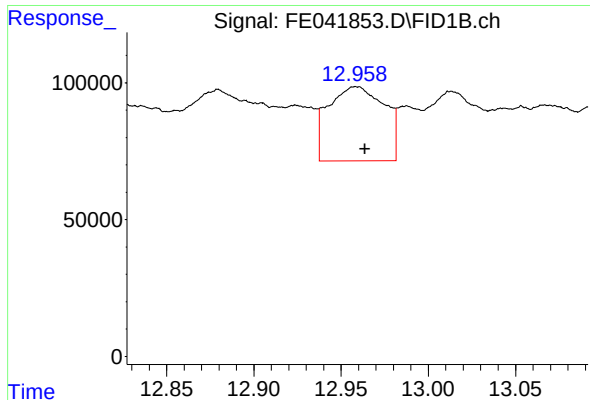
#8 n-Octadecane (C18)

R.T.: 11.645 min
Delta R.T.: -0.009 min
Response: 620449
Conc: 3.79 ug/ml



#9 ortho-Terphenyl (SURR)

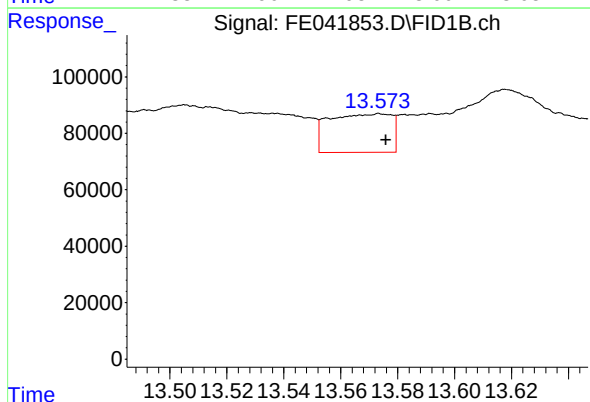
R.T.: 11.966 min
Delta R.T.: -0.006 min
Response: 4244503
Conc: 22.62 ug/ml



#10 n-Eicosane (C20)

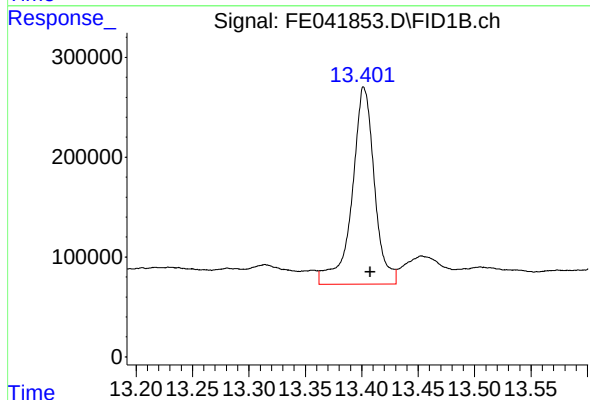
R.T.: 12.959 min
Delta R.T.: -0.005 min
Response: 608070
Conc: 3.78 ug/ml

Instrument :
FID_E
ClientSampleId :



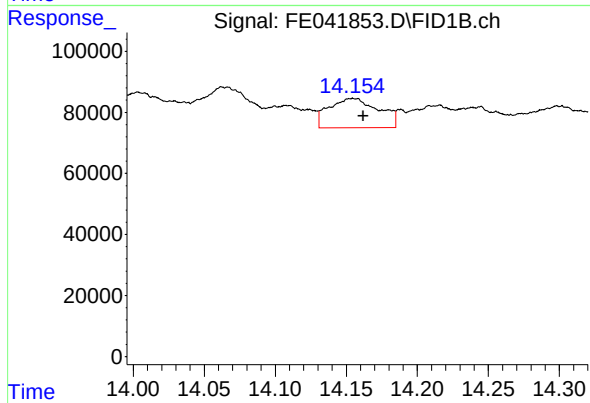
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.002 min
Response: 208914
Conc: 1.31 ug/ml



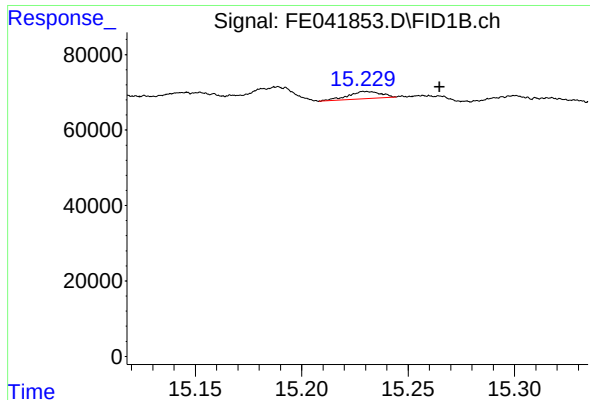
#12 1-chlorooctadecane (SURR)

R.T.: 13.402 min
Delta R.T.: -0.006 min
Response: 2730821
Conc: 19.33 ug/ml



#13 n-Docosane (C22)

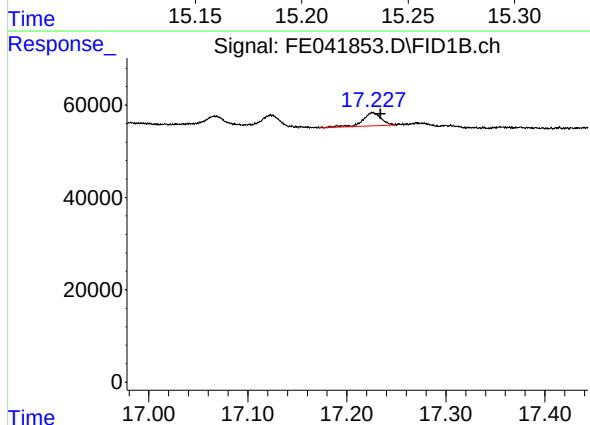
R.T.: 14.154 min
Delta R.T.: -0.008 min
Response: 236712
Conc: 1.49 ug/ml



#14 n-Tetracosane (C24)

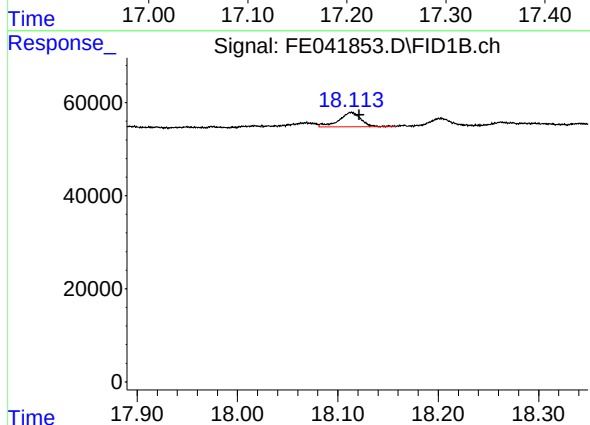
R.T.: 15.230 min
Delta R.T.: -0.034 min
Response: 20077
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :



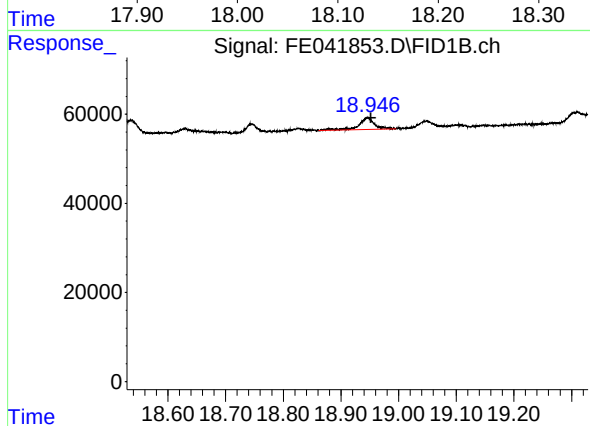
#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.008 min
Response: 35534
Conc: 0.23 ug/ml



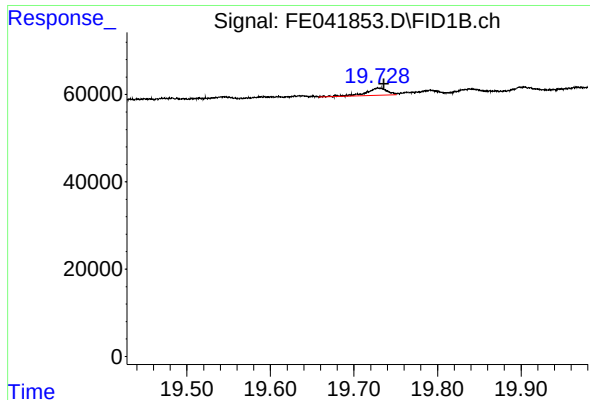
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: -0.008 min
Response: 46364
Conc: 0.30 ug/ml



#18 n-Dotriacontane (C32)

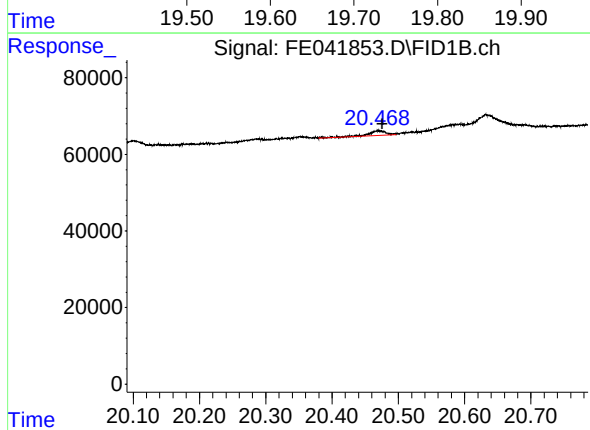
R.T.: 18.946 min
Delta R.T.: -0.006 min
Response: 51828
Conc: 0.35 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.729 min
Delta R.T.: -0.007 min
Response: 28007
Conc: 0.20 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: -0.007 min
Response: 24292
Conc: 0.18 ug/ml