

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032323AL\
 Data File : FE040968.D
 Signal(s) : FID1B.ch
 Acq On : 23 Mar 2023 10:26
 Operator : YP\AJ
 Sample : 02020-31
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 24 02:53:48 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)	11.867	7457325	39.919 ug/ml
Spiked Amount 50.000		Recovery =	79.84%
12) S 1-chlorooctadecane (S...	13.305	5117744	34.578 ug/ml
Spiked Amount 50.000		Recovery =	69.16%
Target Compounds			
7) T n-Hexadecane (C16)	10.106	16451	0.102 ug/ml
10) T n-Eicosane (C20)	12.924f	22570	0.133 ug/ml
13) T n-Docosane (C22)	14.056	46235	0.270 ug/ml
14) T n-Tetracosane (C24)	15.159	109867	0.637 ug/ml
15) T n-Hexacosane (C26)	16.182	147504	0.868 ug/ml
16) T n-Octacosane (C28)	17.133	187758	1.120 ug/ml
17) T n-Tricontane (C30)	18.021	281154	1.722 ug/ml
18) T n-Dotriacontane (C32)	18.854	280722	1.640 ug/ml
19) T n-Tetratriacontane (C34)	19.640	161939	1.047 ug/ml
20) T n-Hexatriacontane (C36)	20.381	78675	0.542 ug/ml
21) T n-Octatriacontane (C38)	21.111	53493	0.389 ug/ml
22) T n-Tetracontane (C40)	21.999	22956	0.149 ug/ml

(f)=RT Delta > 1/2 Window

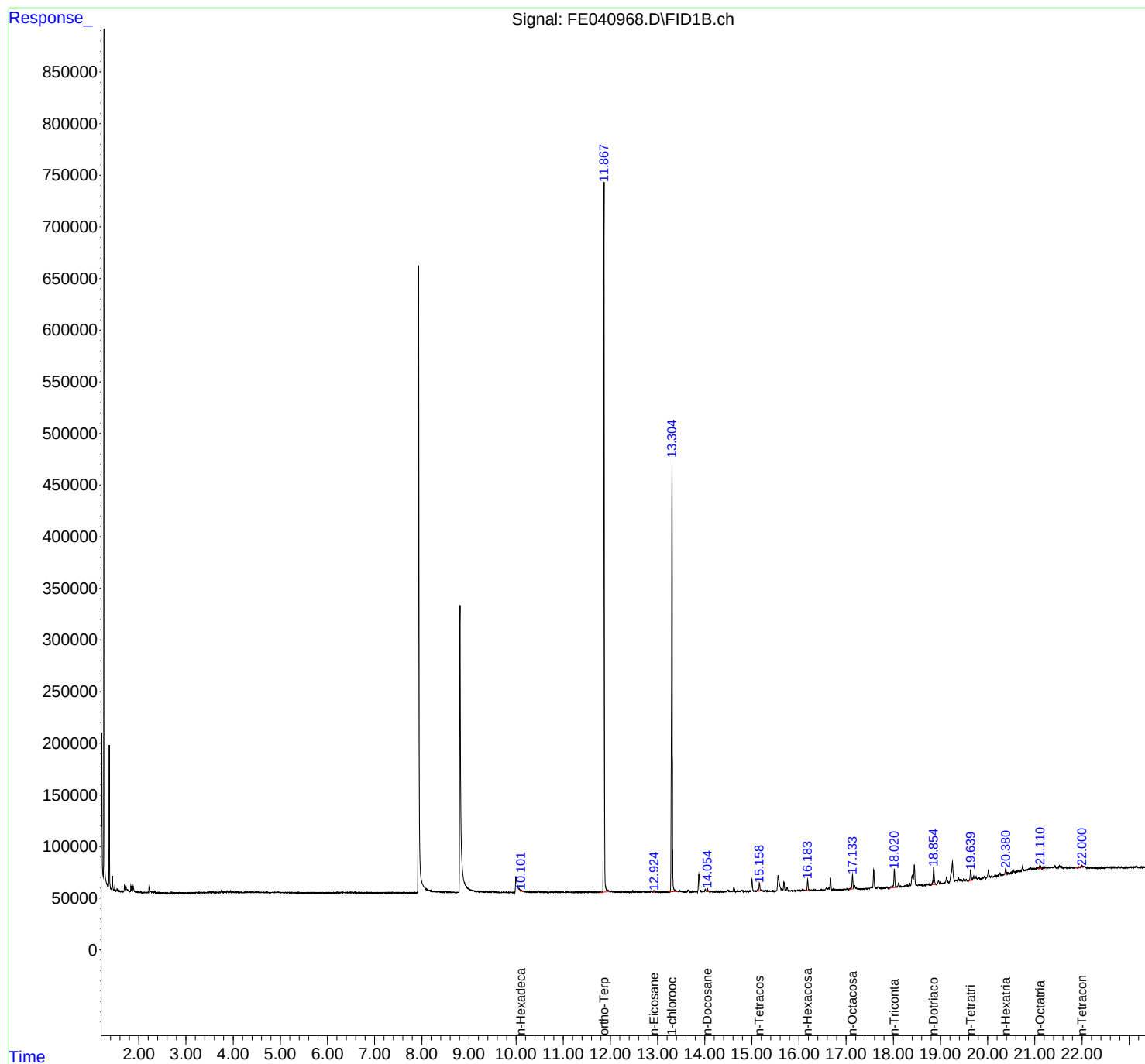
(m)=manual int.

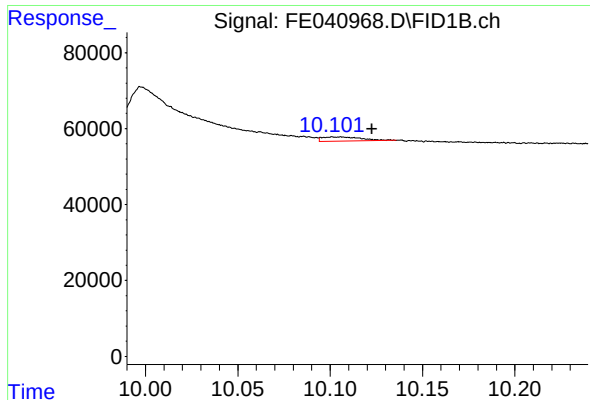
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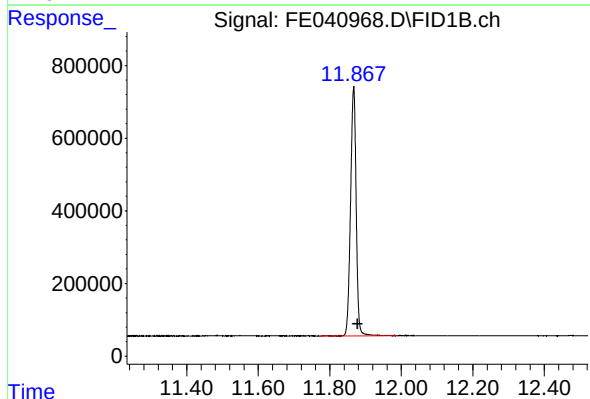




#7 n-Hexadecane (C16)

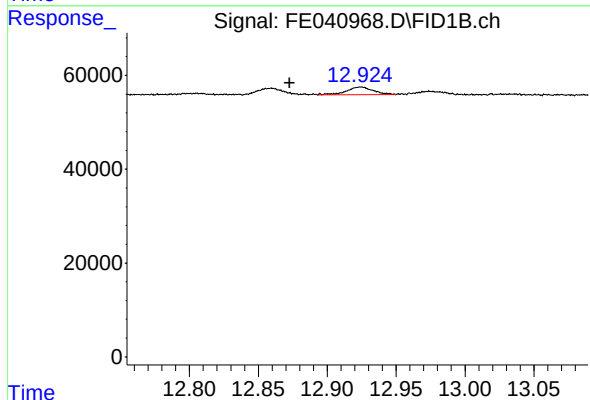
R.T.: 10.106 min
Delta R.T.: -0.017 min
Response: 16451
Conc: 0.10 ug/ml

Instrument :
FID_E
ClientSampleId :



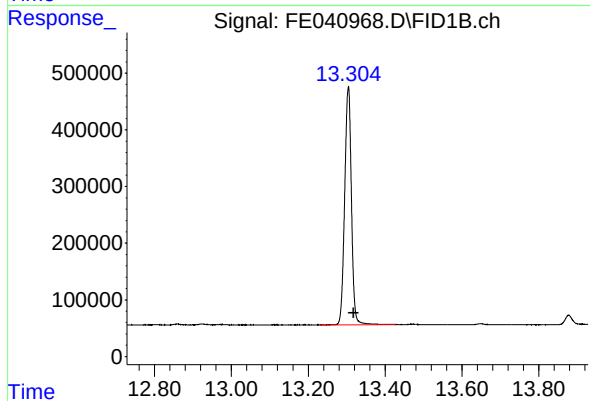
#9 ortho-Terphenyl (SURR)

R.T.: 11.867 min
Delta R.T.: -0.012 min
Response: 7457325
Conc: 39.92 ug/ml



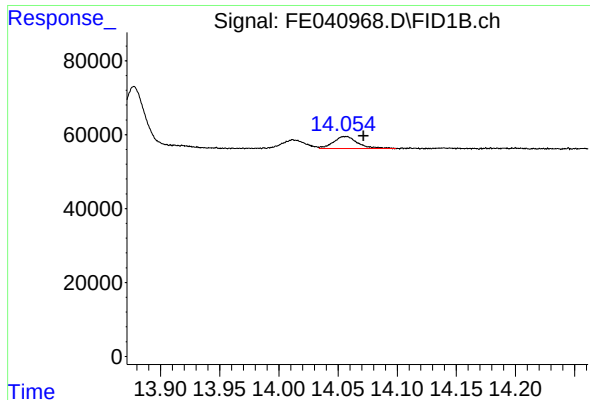
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.051 min
Response: 22570
Conc: 0.13 ug/ml



#12 1-chlorooctadecane (SURR)

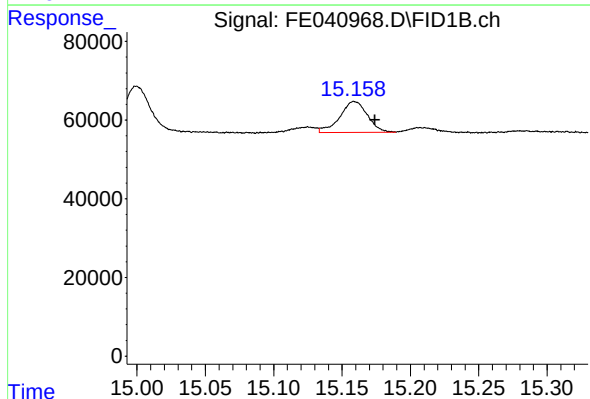
R.T.: 13.305 min
Delta R.T.: -0.014 min
Response: 5117744
Conc: 34.58 ug/ml



#13 n-Docosane (C22)

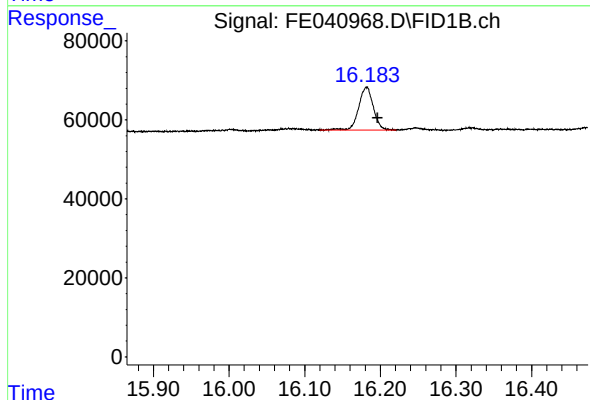
R.T.: 14.056 min
Delta R.T.: -0.015 min
Response: 46235
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :



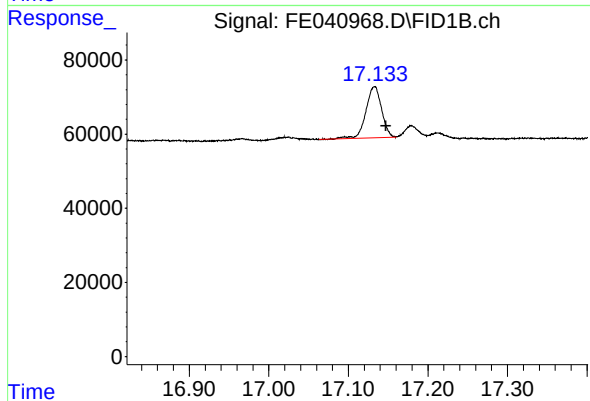
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: -0.015 min
Response: 109867
Conc: 0.64 ug/ml



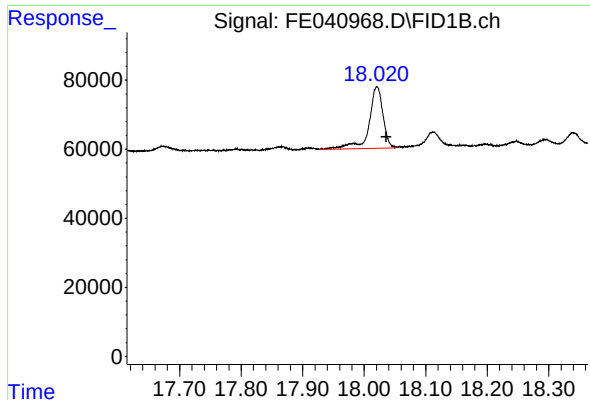
#15 n-Hexacosane (C26)

R.T.: 16.182 min
Delta R.T.: -0.015 min
Response: 147504
Conc: 0.87 ug/ml



#16 n-Octacosane (C28)

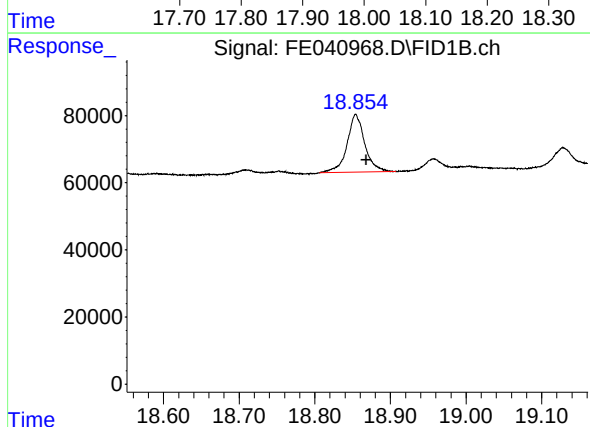
R.T.: 17.133 min
Delta R.T.: -0.014 min
Response: 187758
Conc: 1.12 ug/ml



#17 n-Tricontane (C30)

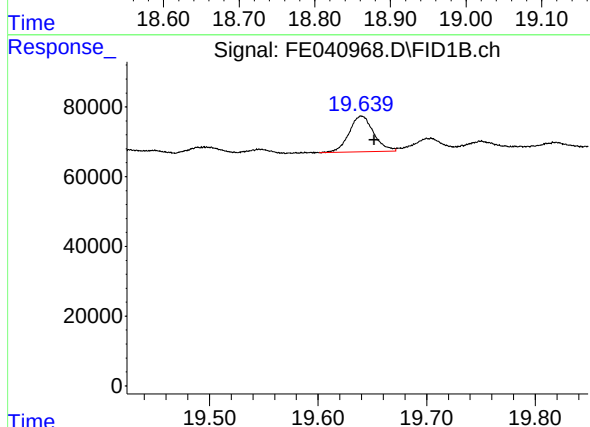
R.T.: 18.021 min
Delta R.T.: -0.015 min
Response: 281154
Conc: 1.72 ug/ml

Instrument :
FID_E
ClientSampleId :



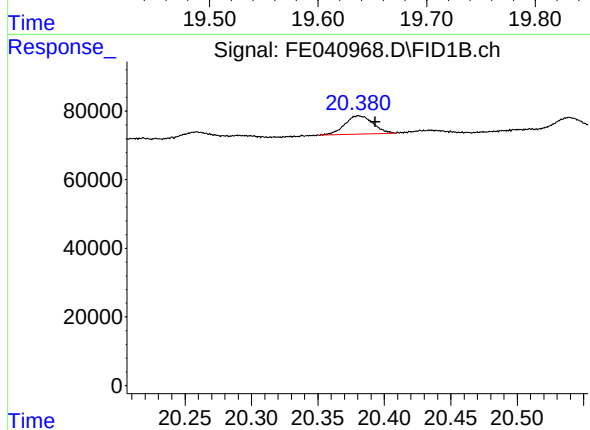
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.014 min
Response: 280722
Conc: 1.64 ug/ml



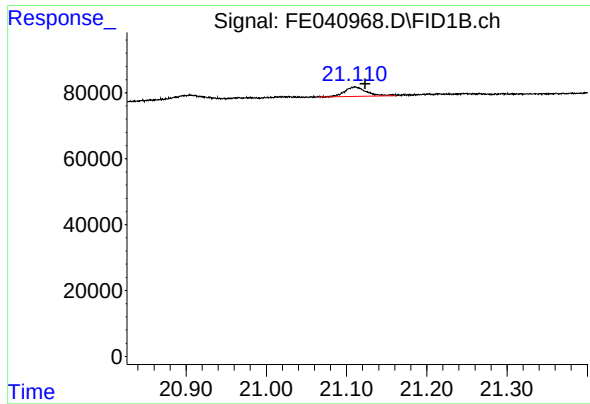
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: -0.012 min
Response: 161939
Conc: 1.05 ug/ml



#20 n-Hexatriacontane (C36)

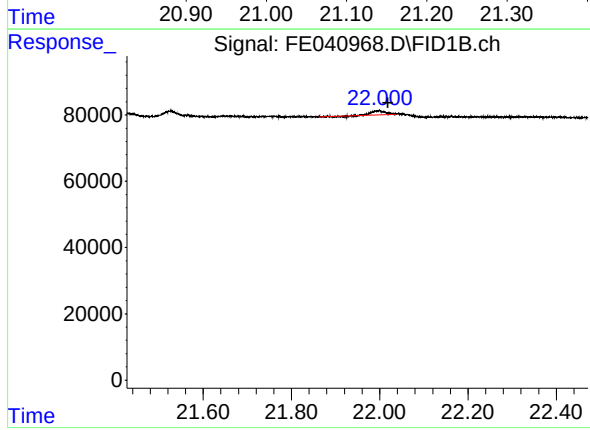
R.T.: 20.381 min
Delta R.T.: -0.013 min
Response: 78675
Conc: 0.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: -0.013 min
Response: 53493
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: -0.019 min
Response: 22956
Conc: 0.15 ug/ml