

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021323AL\
 Data File : FE040330.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2023 19:03
 Operator : YP\AJ
 Sample : 01528-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 14 00:50:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.897	784964	4.850 ug/ml
Spiked Amount 50.000		Recovery =	9.70%
12) S 1-chlorooctadecane (S...	13.337	645813	5.207 ug/ml
Spiked Amount 50.000		Recovery =	10.41%
Target Compounds			
7) T n-Hexadecane (C16)	10.138	38883	0.271 ug/ml
8) T n-Octadecane (C18)	11.580	45340	0.305 ug/ml
10) T n-Eicosane (C20)	12.891	60111	0.409 ug/ml
13) T n-Docosane (C22)	14.092	33399	0.225 ug/ml
14) T n-Tetracosane (C24)	15.188	183062	1.206 ug/ml
15) T n-Hexacosane (C26)	16.219	45306	0.306 ug/ml
16) T n-Octacosane (C28)	17.194	106892	0.713 ug/ml
17) T n-Tricontane (C30)	18.061	102198	0.693 ug/ml
18) T n-Dotriacontane (C32)	18.890	259582	1.772 ug/ml
19) T n-Tetratriacontane (C34)	19.681	277787	2.020 ug/ml
20) T n-Hexatriacontane (C36)	20.407	24151	0.182 ug/ml
21) T n-Octatriacontane (C38)	21.147	90974	0.701 ug/ml
22) T n-Tetracontane (C40)	22.042	194590	1.466 ug/ml

(f)=RT Delta > 1/2 Window

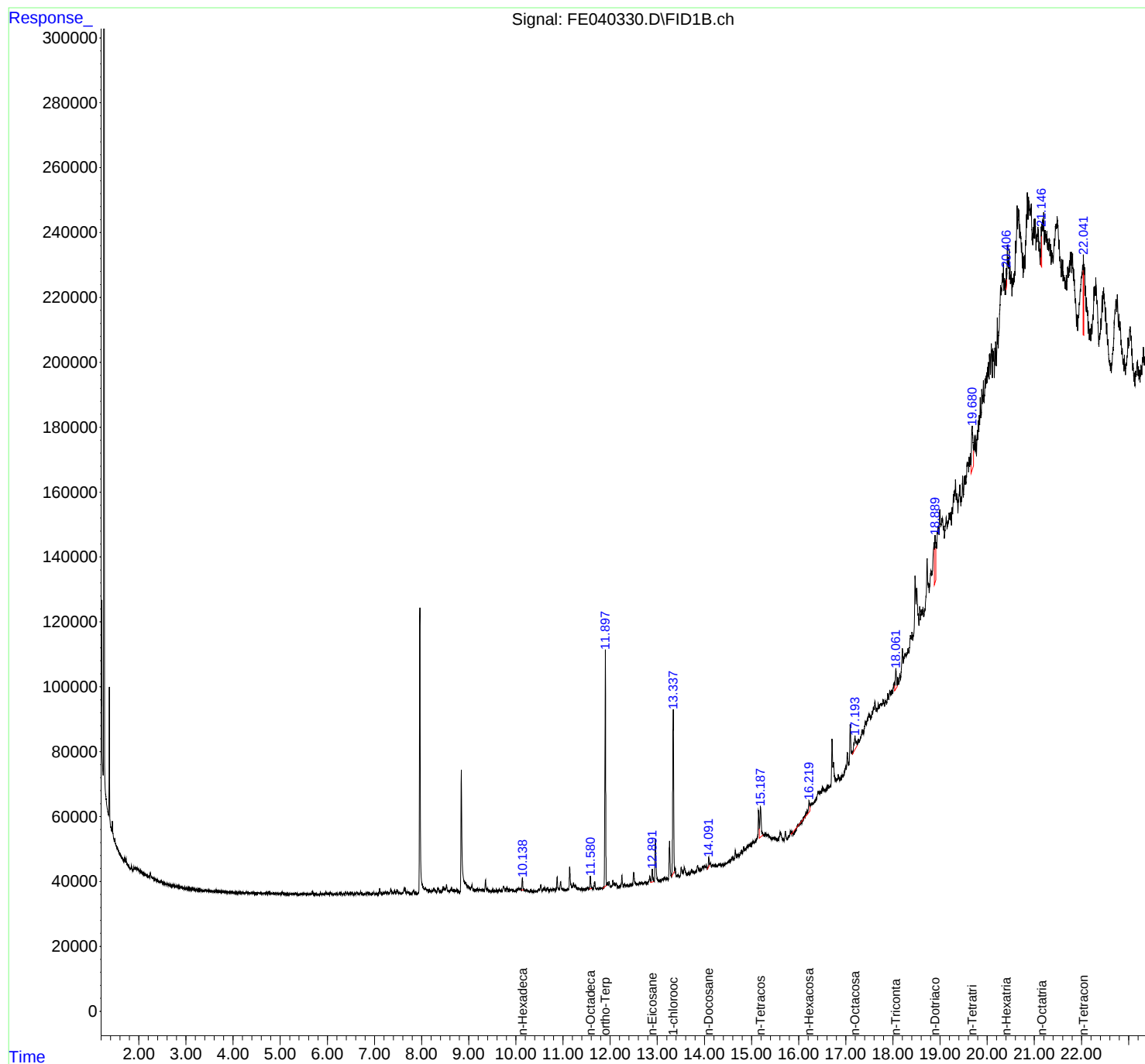
(m)=manual int.

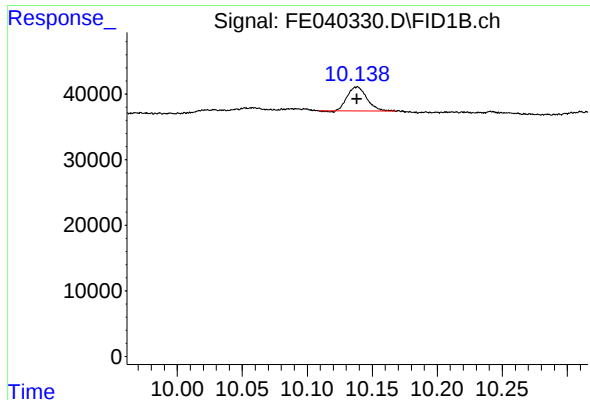
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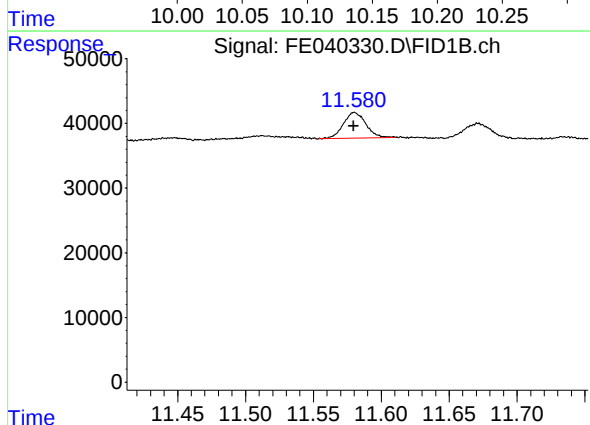




#7 n-Hexadecane (C16)

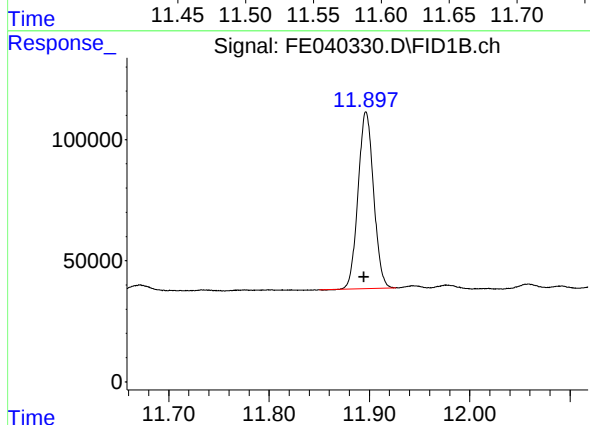
R.T.: 10.138 min
Delta R.T.: 0.000 min
Response: 38883
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :



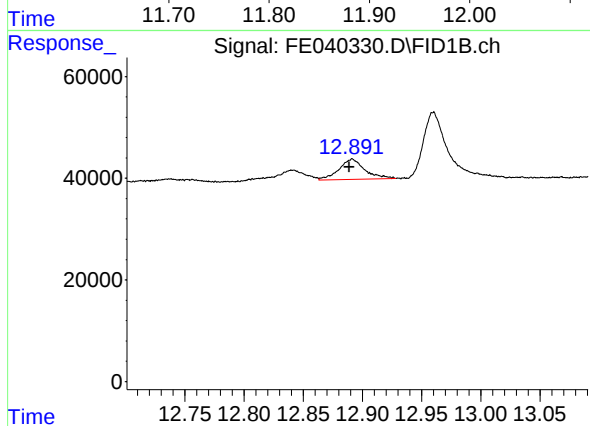
#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 45340
Conc: 0.30 ug/ml



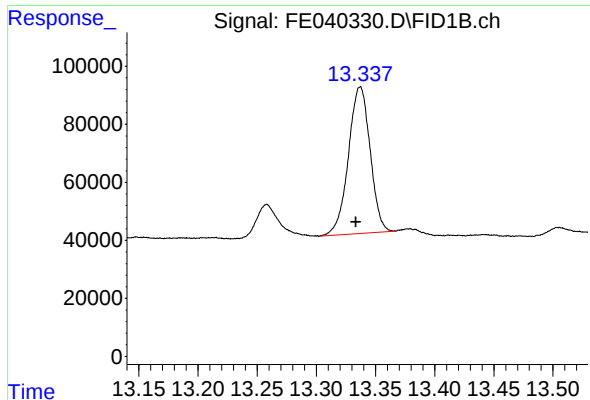
#9 ortho-Terphenyl (SURR)

R.T.: 11.897 min
Delta R.T.: 0.002 min
Response: 784964
Conc: 4.85 ug/ml



#10 n-Eicosane (C20)

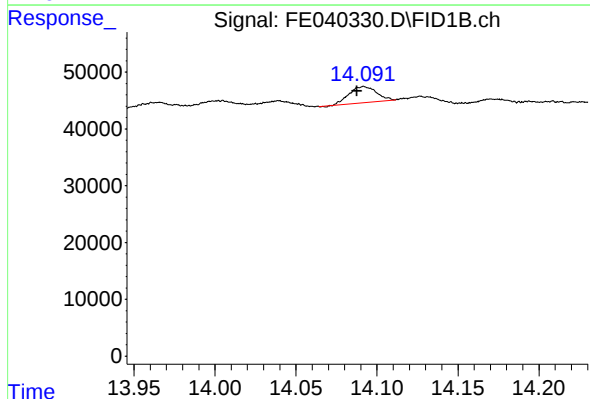
R.T.: 12.891 min
Delta R.T.: 0.002 min
Response: 60111
Conc: 0.41 ug/ml



#12 1-chlorooctadecane (SURR)

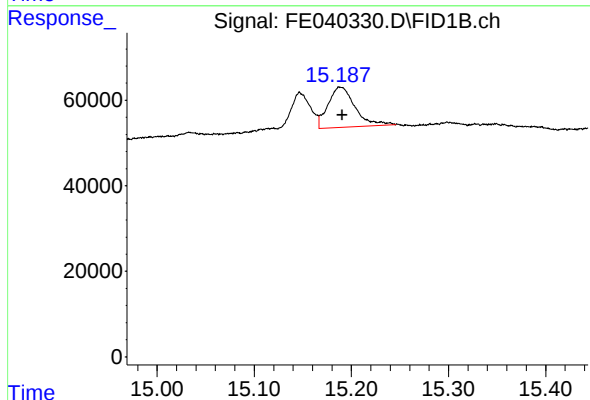
R.T.: 13.337 min
Delta R.T.: 0.004 min
Response: 645813
Conc: 5.21 ug/ml

Instrument :
FID_E
ClientSampleId :



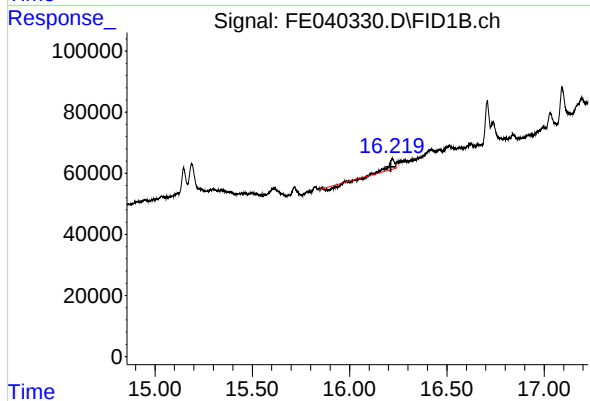
#13 n-Docosane (C22)

R.T.: 14.092 min
Delta R.T.: 0.004 min
Response: 33399
Conc: 0.23 ug/ml



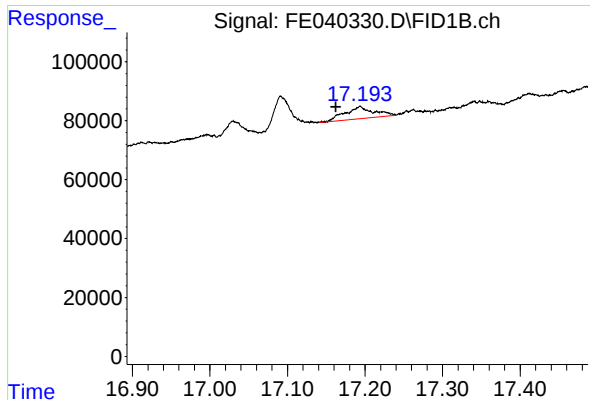
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.002 min
Response: 183062
Conc: 1.21 ug/ml



#15 n-Hexacosane (C26)

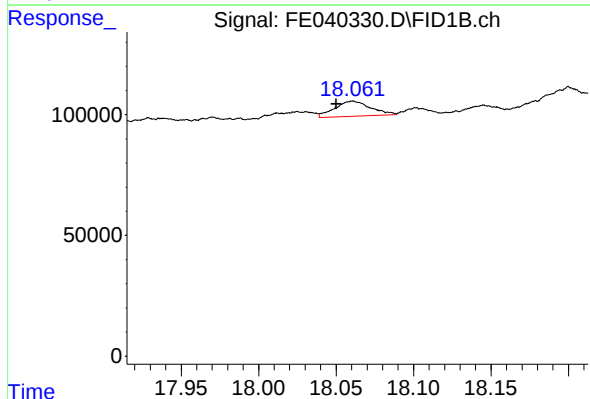
R.T.: 16.219 min
Delta R.T.: 0.006 min
Response: 45306
Conc: 0.31 ug/ml



#16 n-Octacosane (C28)

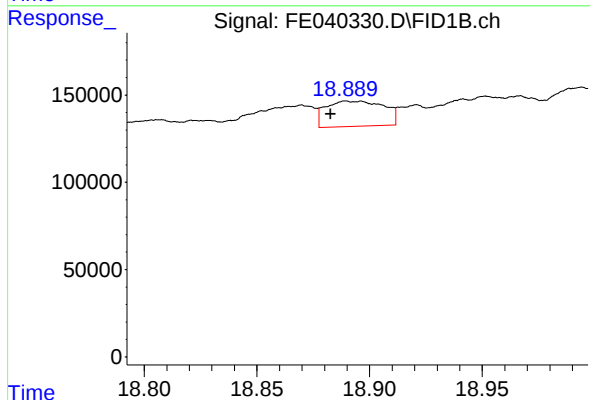
R.T.: 17.194 min
Delta R.T.: 0.031 min
Response: 106892
Conc: 0.71 ug/ml

Instrument :
FID_E
ClientSampleId :



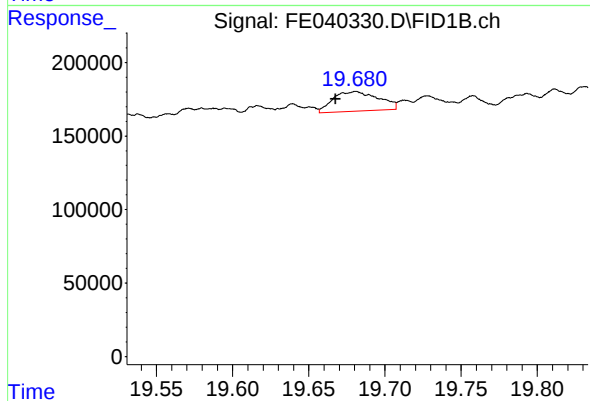
#17 n-Tricontane (C30)

R.T.: 18.061 min
Delta R.T.: 0.011 min
Response: 102198
Conc: 0.69 ug/ml



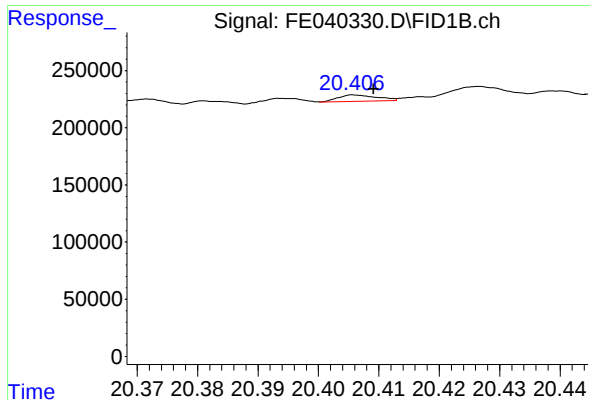
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: 0.007 min
Response: 259582
Conc: 1.77 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: 0.013 min
Response: 277787
Conc: 2.02 ug/ml



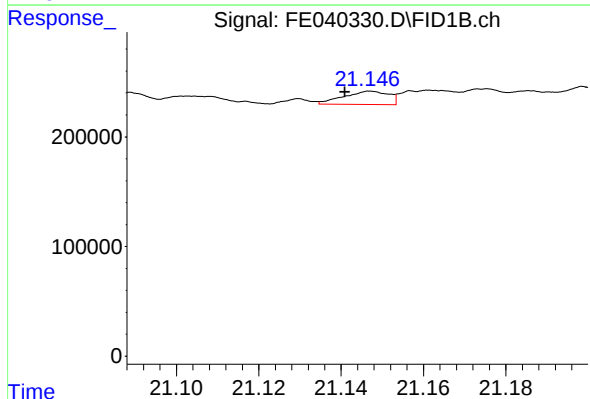
#20 n-Hexatriacontane (C36)

R.T.: 20.407 min
Delta R.T.: -0.003 min
Response: 24151
Conc: 0.18 ug/ml

Instrument :

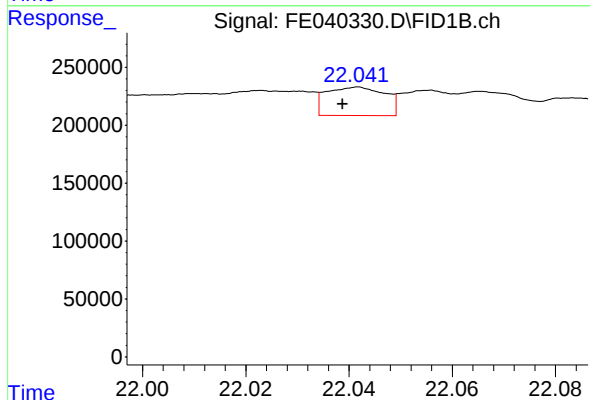
FID_E

ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: 0.006 min
Response: 90974
Conc: 0.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: 0.003 min
Response: 194590
Conc: 1.47 ug/ml