

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032123AL\
 Data File : FE040920.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2023 19:52
 Operator : YP\AJ
 Sample : 02020-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 22 01:54:20 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)	11.868	6540430	35.011 ug/ml
Spiked Amount 50.000		Recovery =	70.02%
12) S 1-chlorooctadecane (S...	13.307	5034339	34.015 ug/ml
Spiked Amount 50.000		Recovery =	68.03%
Target Compounds			
7) T n-Hexadecane (C16)	10.128	52317	0.324 ug/ml
8) T n-Octadecane (C18)	11.520	14586	0.086 ug/ml
10) T n-Eicosane (C20)	12.860	39447	0.233 ug/ml
11) T n-Heneicosane (C21)	13.469	70992	0.414 ug/ml
13) T n-Docosane (C22)	14.065	46710	0.273 ug/ml
14) T n-Tetracosane (C24)	15.164	79810	0.463 ug/ml
15) T n-Hexacosane (C26)	16.184	42849	0.252 ug/ml
16) T n-Octacosane (C28)	17.132	76780	0.458 ug/ml
17) T n-Tricontane (C30)	18.020	242050	1.482 ug/ml
18) T n-Dotriacontane (C32)	18.850	366632	2.142 ug/ml
19) T n-Tetratriacontane (C34)	19.655	70743	0.458 ug/ml
20) T n-Hexatriacontane (C36)	20.385	68579	0.472 ug/ml
21) T n-Octatriacontane (C38)	21.105	12249	0.089 ug/ml
22) T n-Tetracontane (C40)	22.001	54466	0.352 ug/ml

(f)=RT Delta > 1/2 Window

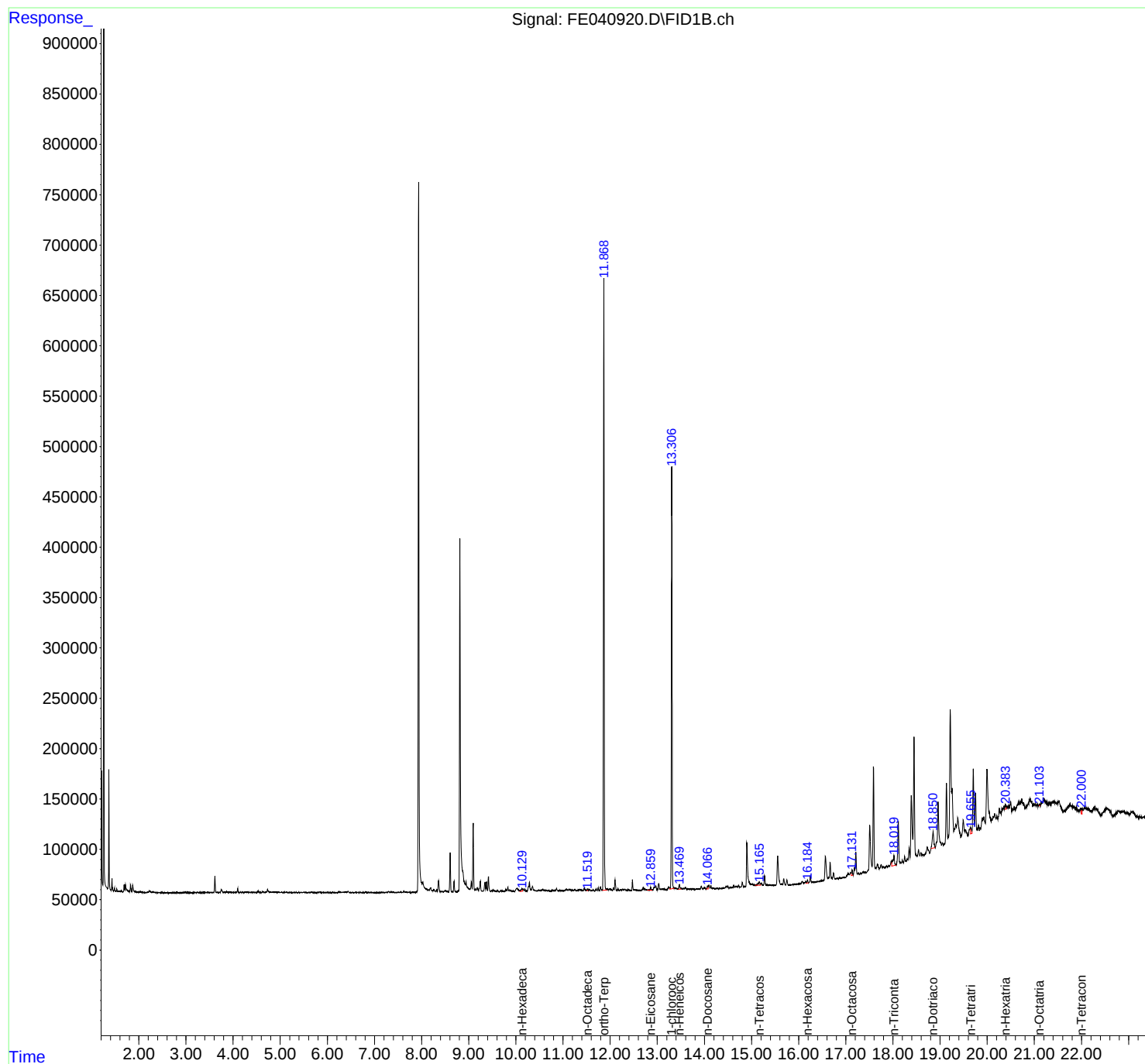
(m)=manual int.

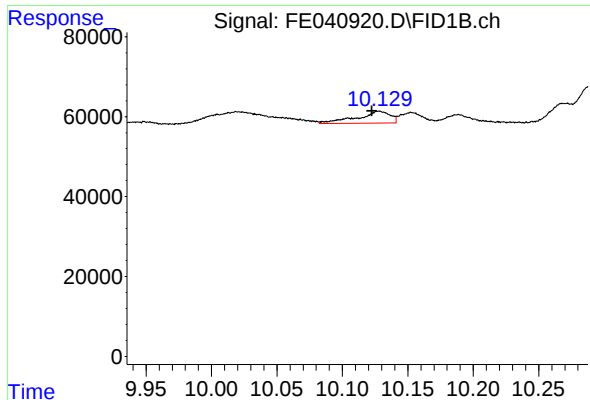
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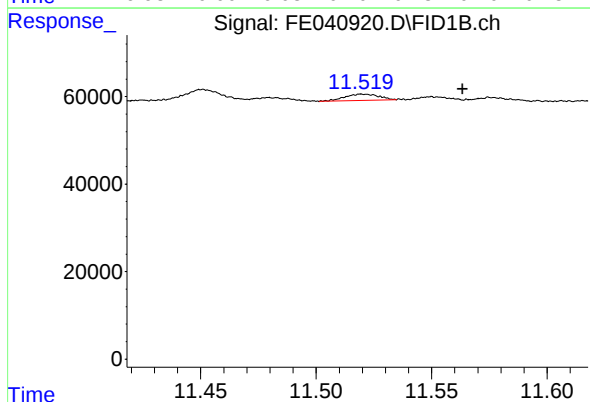




#7 n-Hexadecane (C16)

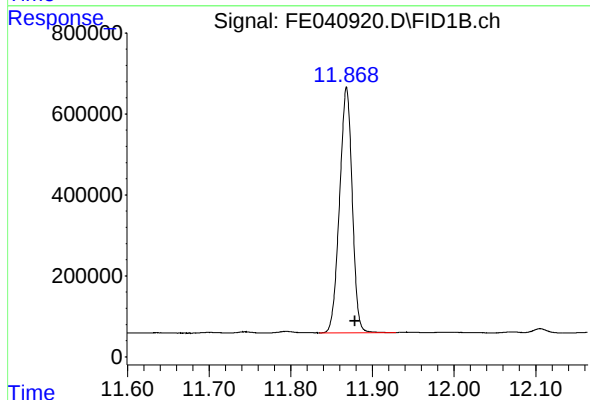
R.T.: 10.128 min
Delta R.T.: 0.005 min
Response: 52317
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :



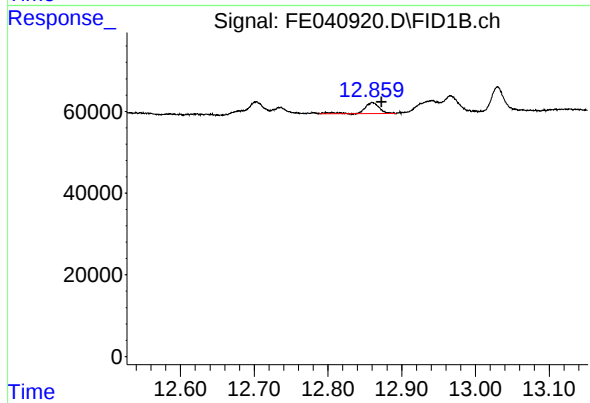
#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: -0.043 min
Response: 14586
Conc: 0.09 ug/ml



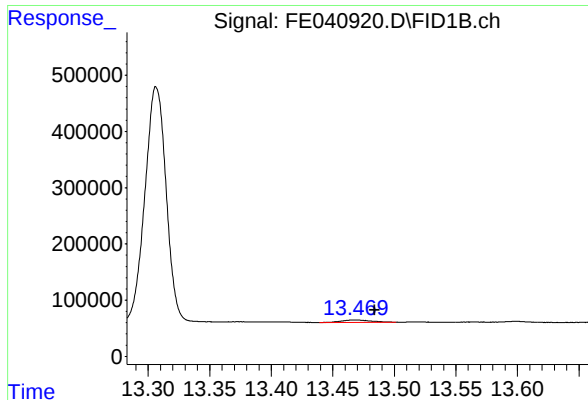
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.010 min
Response: 6540430
Conc: 35.01 ug/ml



#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: -0.012 min
Response: 39447
Conc: 0.23 ug/ml



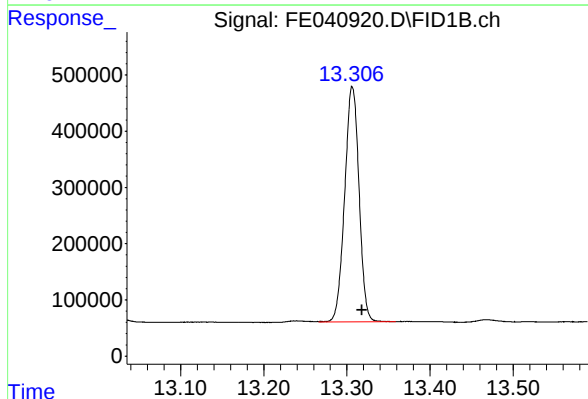
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: -0.016 min
Response: 70992
Conc: 0.41 ug/ml

Instrument :

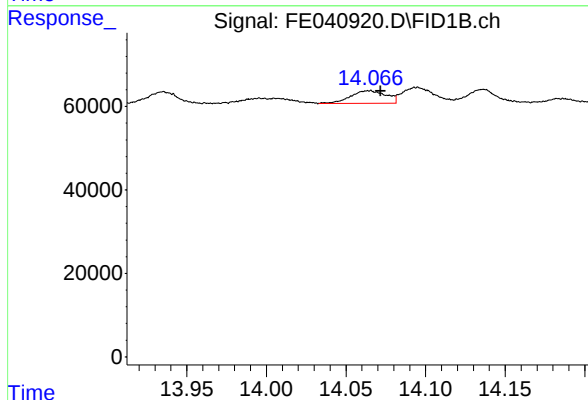
FID_E

ClientSampleId :



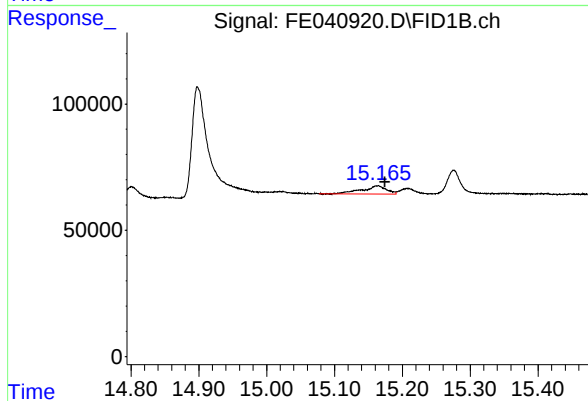
#12 1-chlorooctadecane (SURR)

R.T.: 13.307 min
Delta R.T.: -0.012 min
Response: 5034339
Conc: 34.01 ug/ml



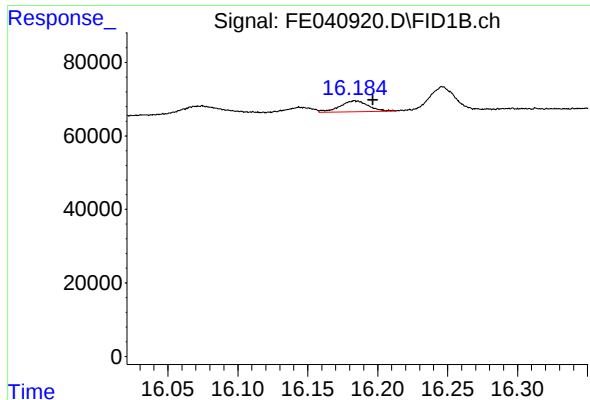
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.007 min
Response: 46710
Conc: 0.27 ug/ml



#14 n-Tetracosane (C24)

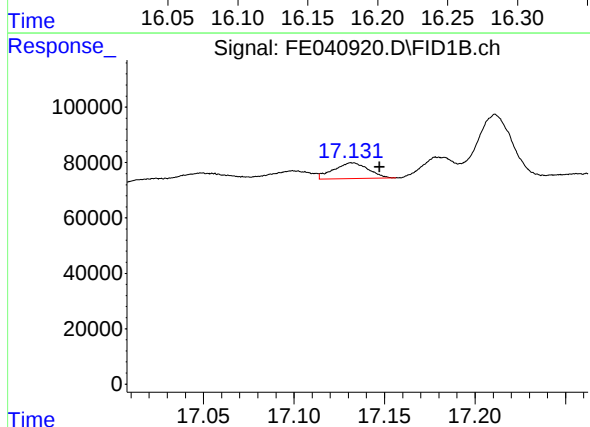
R.T.: 15.164 min
Delta R.T.: -0.010 min
Response: 79810
Conc: 0.46 ug/ml



#15 n-Hexacosane (C26)

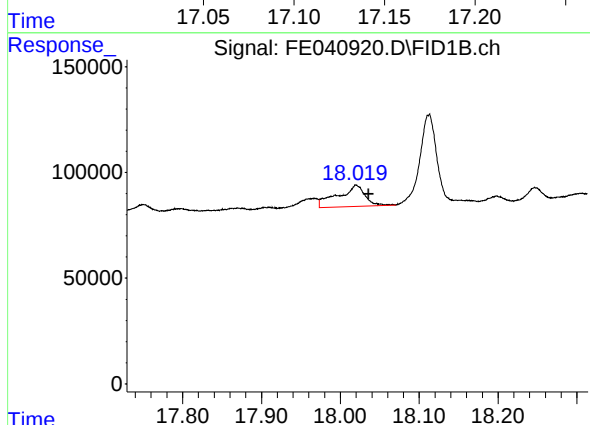
R.T.: 16.184 min
Delta R.T.: -0.013 min
Response: 42849
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :



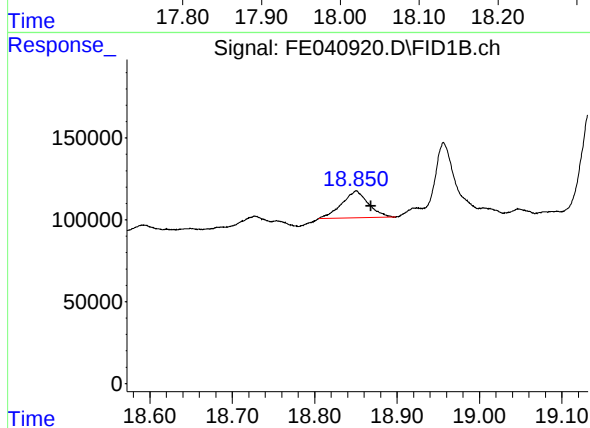
#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: -0.015 min
Response: 76780
Conc: 0.46 ug/ml



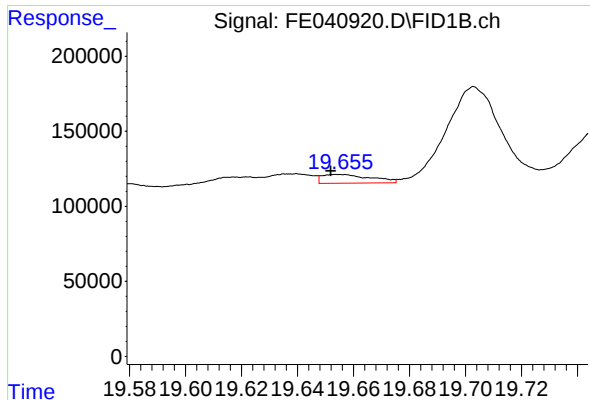
#17 n-Tricontane (C30)

R.T.: 18.020 min
Delta R.T.: -0.016 min
Response: 242050
Conc: 1.48 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.018 min
Response: 366632
Conc: 2.14 ug/ml



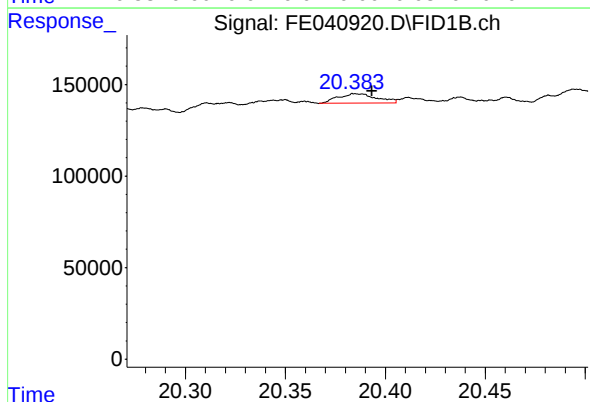
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: 0.003 min
Response: 70743
Conc: 0.46 ug/ml

Instrument :

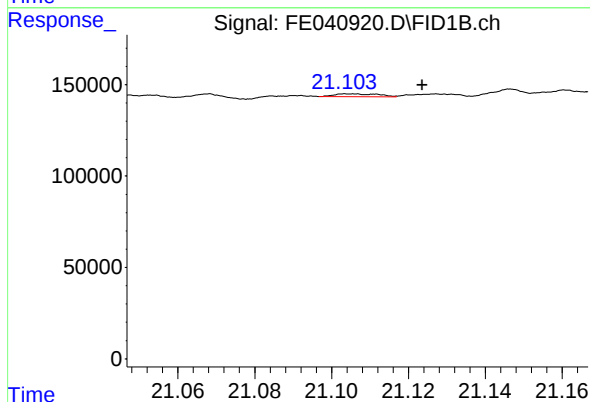
FID_E

ClientSampleId :



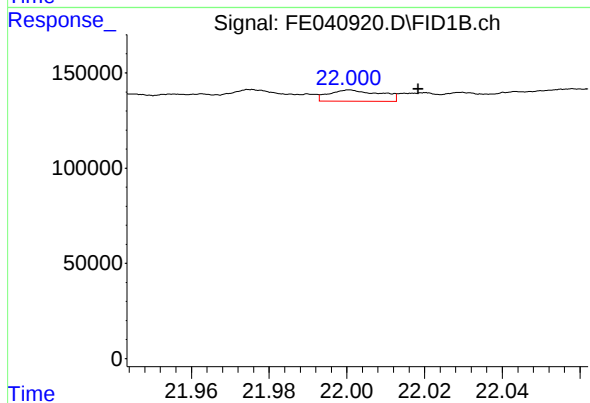
#20 n-Hexatriacontane (C36)

R.T.: 20.385 min
Delta R.T.: -0.008 min
Response: 68579
Conc: 0.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.019 min
Response: 12249
Conc: 0.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: -0.017 min
Response: 54466
Conc: 0.35 ug/ml