

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032123AL\
 Data File : FE040922.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2023 20:55
 Operator : YP\AJ
 Sample : 02020-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 22 01:54:36 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)	11.871	9675687	51.794 ug/ml
Spiked Amount 50.000		Recovery =	103.59%
12) S 1-chlorooctadecane (S...	13.309	7747697	52.348 ug/ml
Spiked Amount 50.000		Recovery =	104.70%
Target Compounds			
7) T n-Hexadecane (C16)	10.129	69135	0.428 ug/ml
10) T n-Eicosane (C20)	12.862	35247	0.208 ug/ml
11) T n-Heneicosane (C21)	13.474	28355	0.165 ug/ml
13) T n-Docosane (C22)	14.058	16101	0.094 ug/ml
14) T n-Tetracosane (C24)	15.163	108367	0.629 ug/ml
15) T n-Hexacosane (C26)	16.183	55090	0.324 ug/ml
16) T n-Octacosane (C28)	17.132	151813	0.905 ug/ml
17) T n-Tricontane (C30)	18.022	133572	0.818 ug/ml
18) T n-Dotriacontane (C32)	18.848	342144	1.999 ug/ml
19) T n-Tetratriacontane (C34)	19.633	116325	0.752 ug/ml
20) T n-Hexatriacontane (C36)	20.382	9938	0.068 ug/ml
21) T n-Octatriacontane (C38)	21.099	77016	0.560 ug/ml
22) T n-Tetracontane (C40)	22.002	224006	1.450 ug/ml

(f)=RT Delta > 1/2 Window

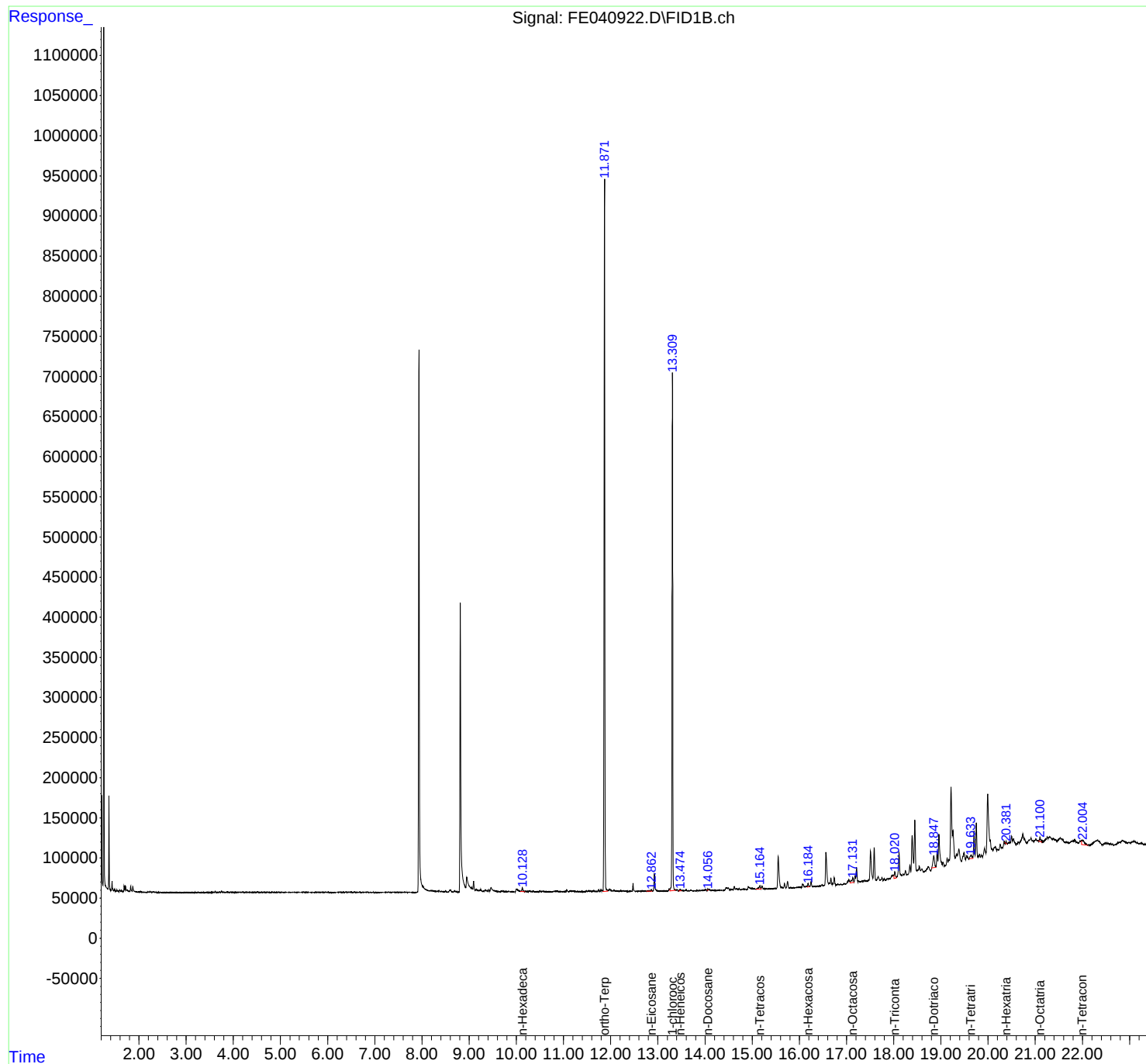
(m)=manual int.

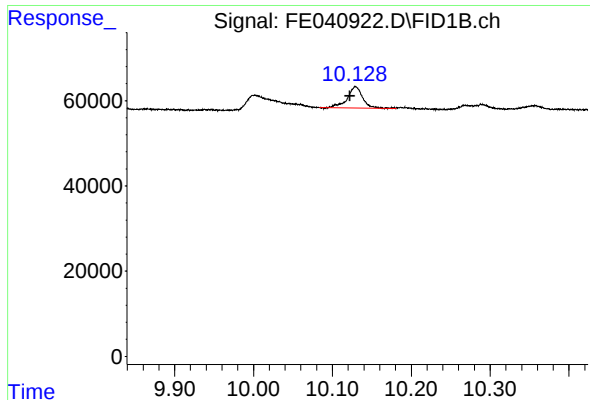
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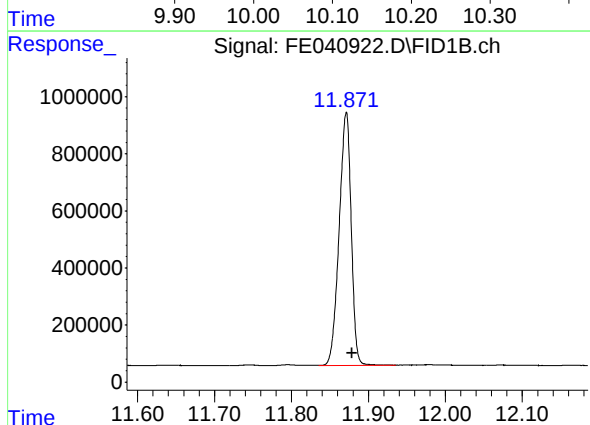




#7 n-Hexadecane (C16)

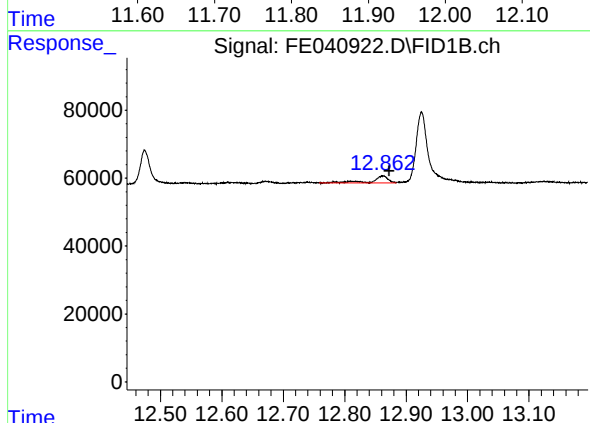
R.T.: 10.129 min
Delta R.T.: 0.007 min
Response: 69135
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :



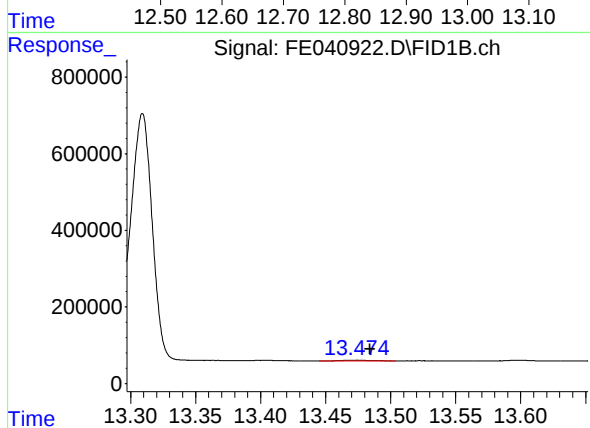
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: -0.007 min
Response: 9675687
Conc: 51.79 ug/ml



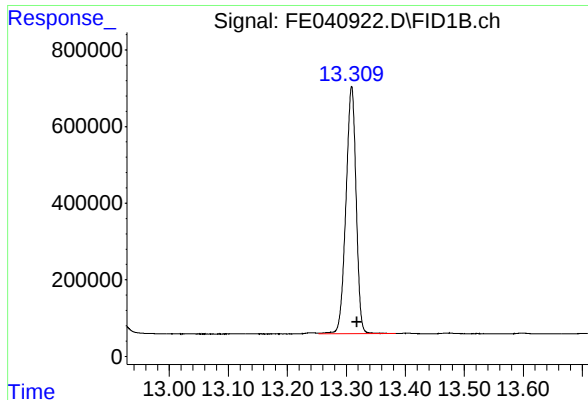
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: -0.010 min
Response: 35247
Conc: 0.21 ug/ml



#11 n-Heneicosane (C21)

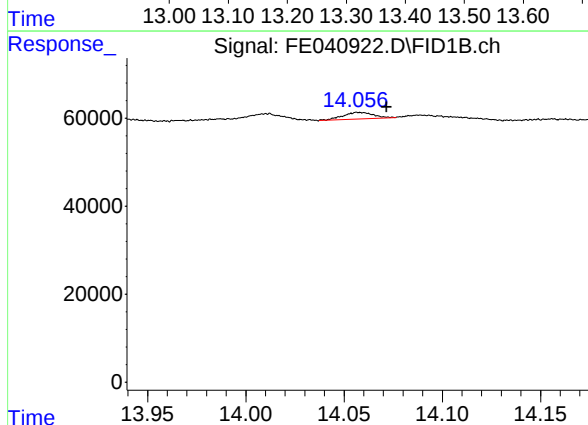
R.T.: 13.474 min
Delta R.T.: -0.010 min
Response: 28355
Conc: 0.17 ug/ml



#12 1-chlorooctadecane (SURR)

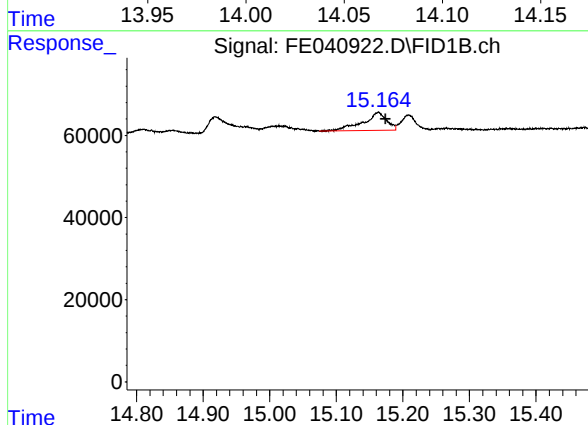
R.T.: 13.309 min
Delta R.T.: -0.009 min
Response: 7747697
Conc: 52.35 ug/ml

Instrument :
FID_E
ClientSampleId :



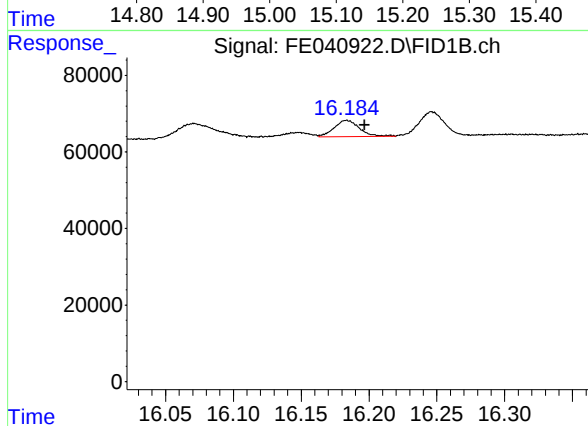
#13 n-Docosane (C22)

R.T.: 14.058 min
Delta R.T.: -0.014 min
Response: 16101
Conc: 0.09 ug/ml



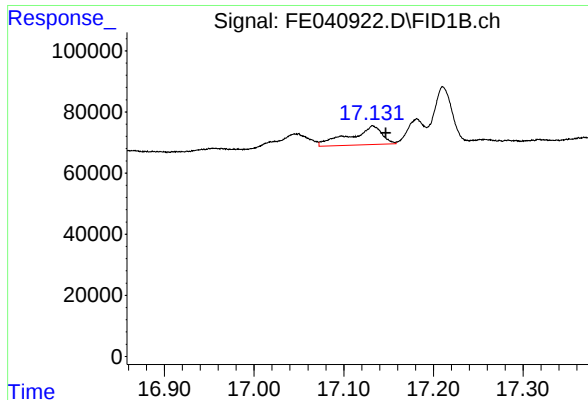
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.011 min
Response: 108367
Conc: 0.63 ug/ml



#15 n-Hexacosane (C26)

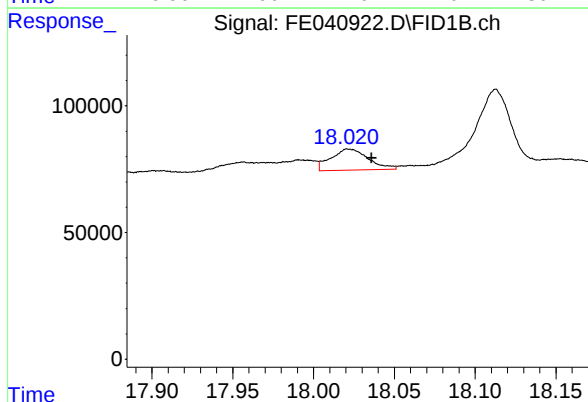
R.T.: 16.183 min
Delta R.T.: -0.013 min
Response: 55090
Conc: 0.32 ug/ml



#16 n-Octacosane (C28)

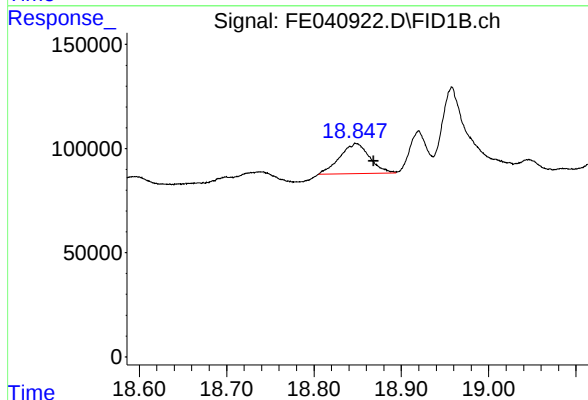
R.T.: 17.132 min
Delta R.T.: -0.015 min
Response: 151813
Conc: 0.91 ug/ml

Instrument :
FID_E
ClientSampleId :



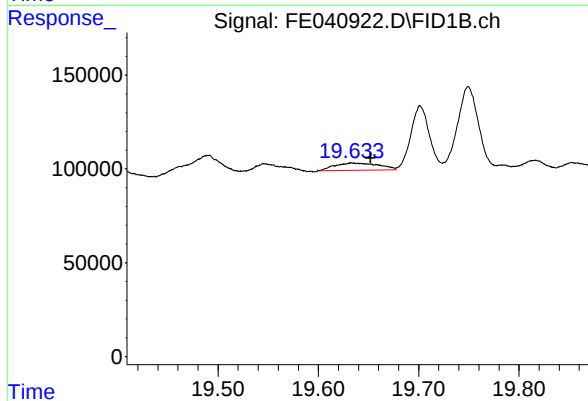
#17 n-Tricontane (C30)

R.T.: 18.022 min
Delta R.T.: -0.014 min
Response: 133572
Conc: 0.82 ug/ml



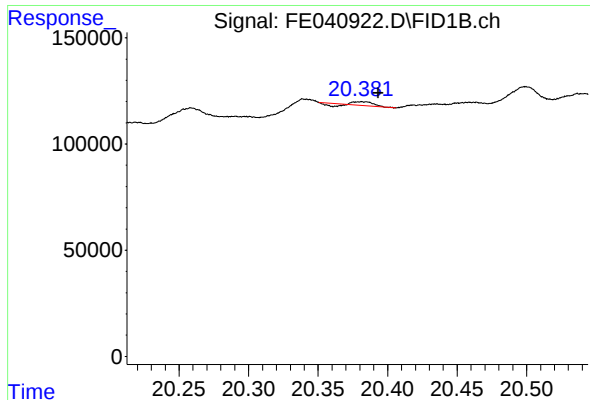
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.020 min
Response: 342144
Conc: 2.00 ug/ml



#19 n-Tetratriacontane (C34)

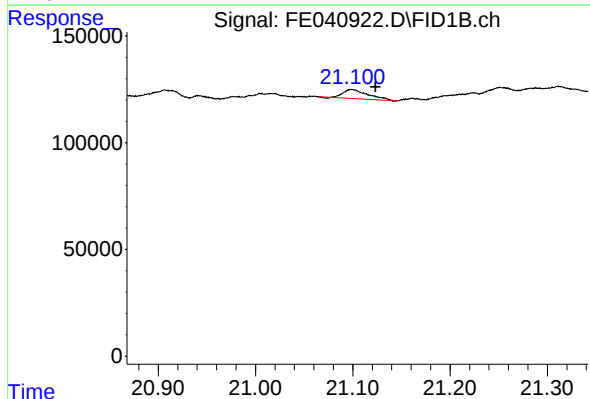
R.T.: 19.633 min
Delta R.T.: -0.019 min
Response: 116325
Conc: 0.75 ug/ml



#20 n-Hexatriacontane (C36)

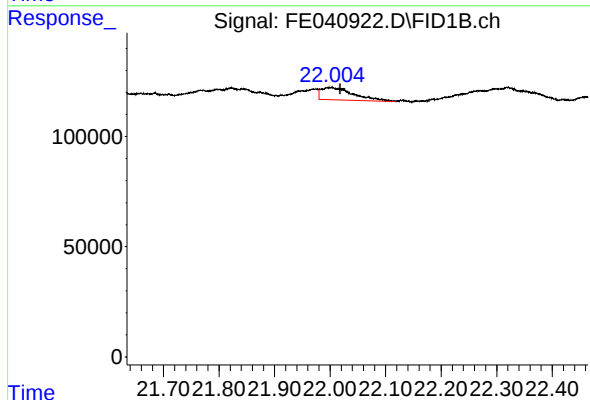
R.T.: 20.382 min
Delta R.T.: -0.011 min
Response: 9938
Conc: 0.07 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.025 min
Response: 77016
Conc: 0.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: -0.016 min
Response: 224006
Conc: 1.45 ug/ml