

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111023AL\
 Data File : FE045280.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2023 09:10
 Operator : YP\AJ
 Sample : 05317-01DL 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 10 12:04:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.877	365070	1.912 ug/ml
Spiked Amount 50.000		Recovery =	3.82%
12) S 1-chlorooctadecane (S...	13.319	225174	1.635 ug/ml
Spiked Amount 50.000		Recovery =	3.27%
Target Compounds			
7) T n-Hexadecane (C16)	10.120	59389	0.353 ug/ml
10) T n-Eicosane (C20)	12.875	64281	0.406 ug/ml
11) T n-Heneicosane (C21)	13.490	31336	0.204 ug/ml
13) T n-Docosane (C22)	14.073	52694	0.348 ug/ml
16) T n-Octacosane (C28)	17.229f	74266	0.508 ug/ml
19) T n-Tetratriacontane (C34)	19.711	47752	0.306 ug/ml
20) T n-Hexatriacontane (C36)	20.455	63405	0.391 ug/ml
22) T n-Tetracontane (C40)	22.045	64653	0.379 ug/ml

(f)=RT Delta > 1/2 Window

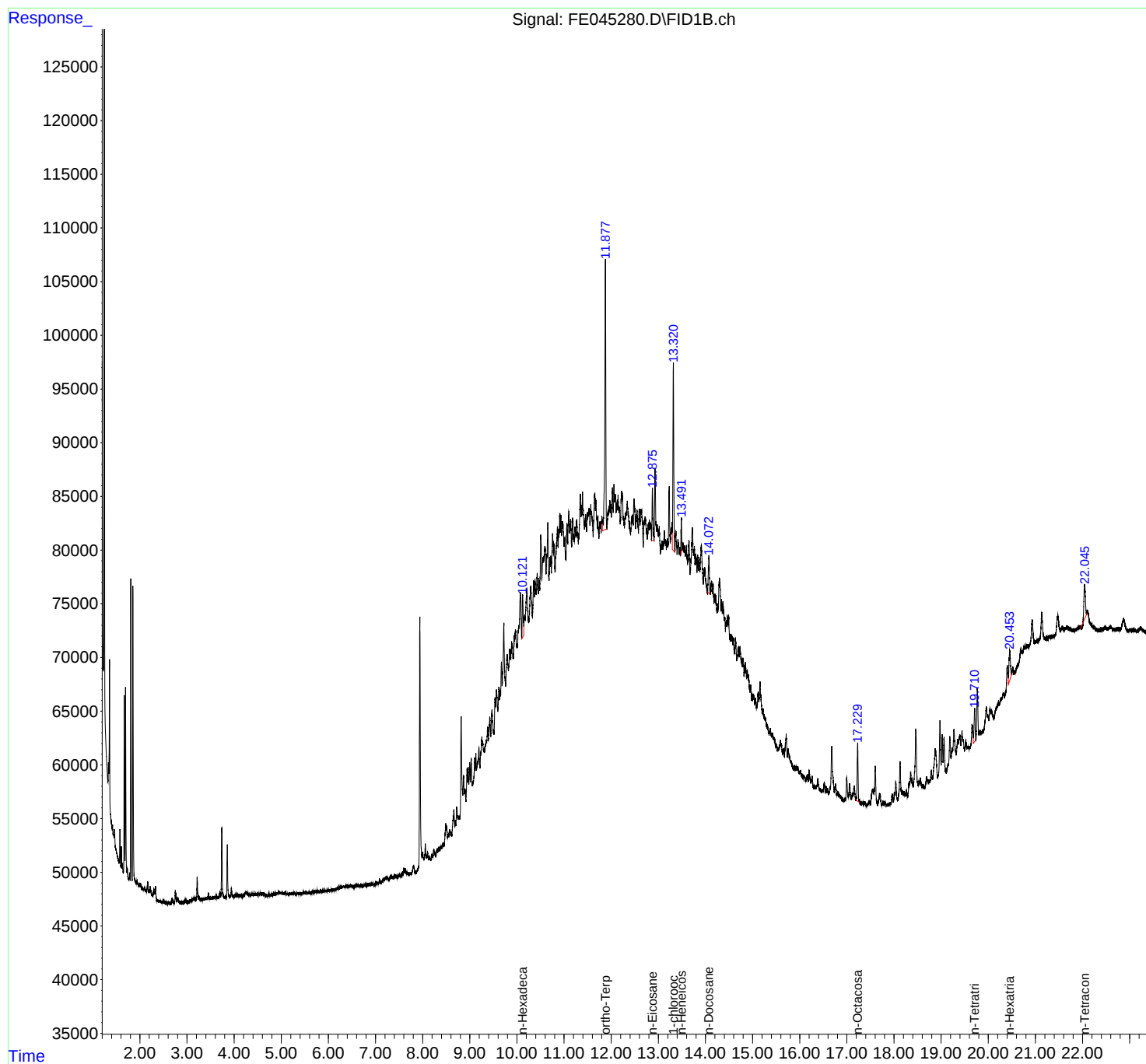
(m)=manual int.

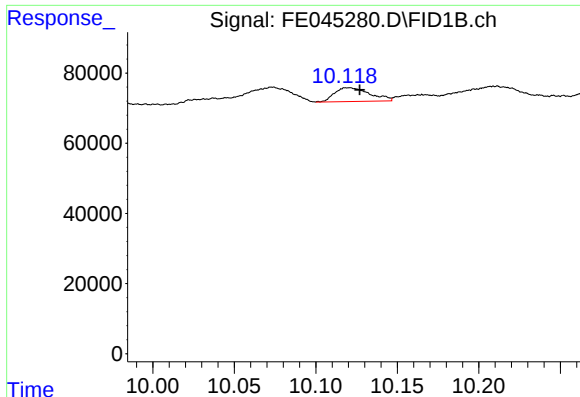
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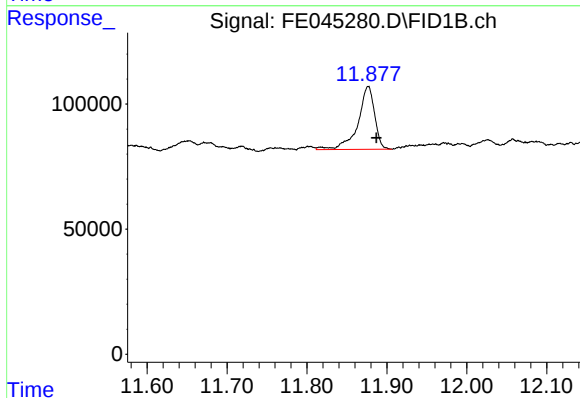




#7 n-Hexadecane (C16)

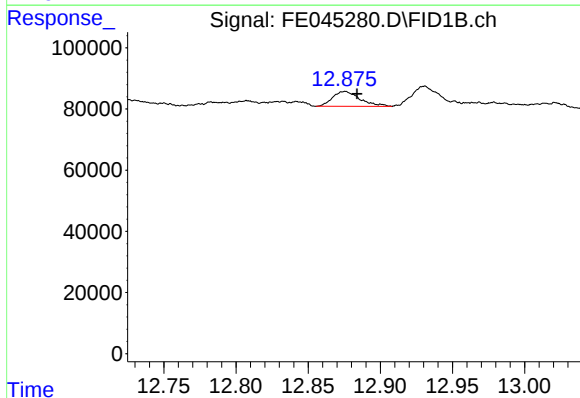
R.T.: 10.120 min
Delta R.T.: -0.007 min
Response: 59389
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :



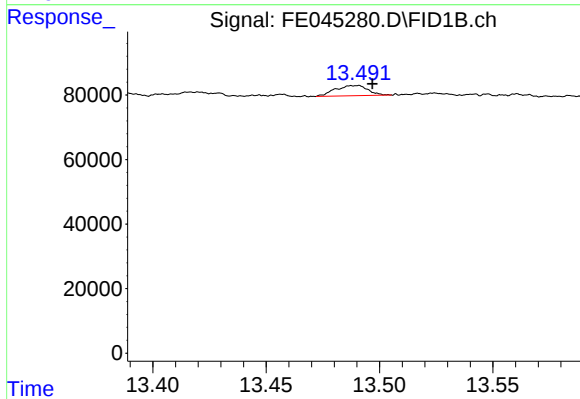
#9 ortho-Terphenyl (SURR)

R.T.: 11.877 min
Delta R.T.: -0.010 min
Response: 365070
Conc: 1.91 ug/ml



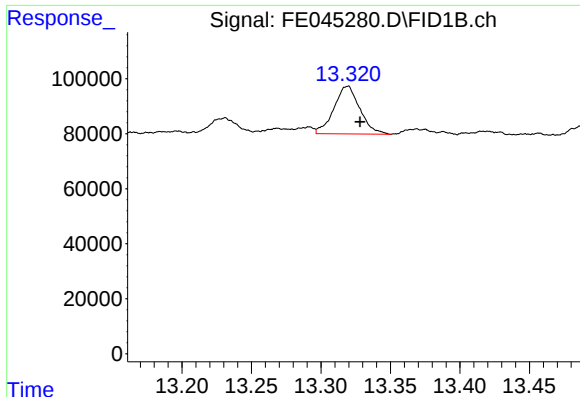
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.008 min
Response: 64281
Conc: 0.41 ug/ml



#11 n-Heneicosane (C21)

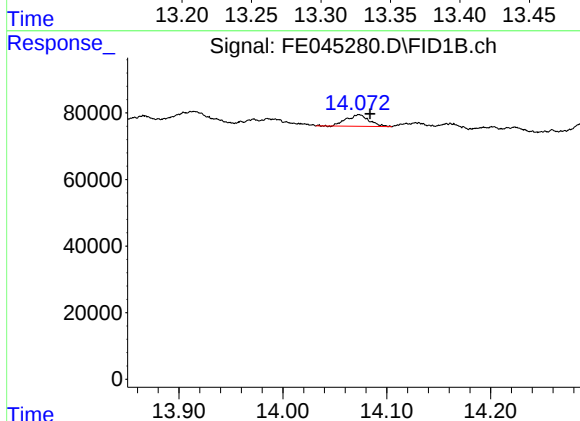
R.T.: 13.490 min
Delta R.T.: -0.007 min
Response: 31336
Conc: 0.20 ug/ml



#12 1-chlorooctadecane (SURR)

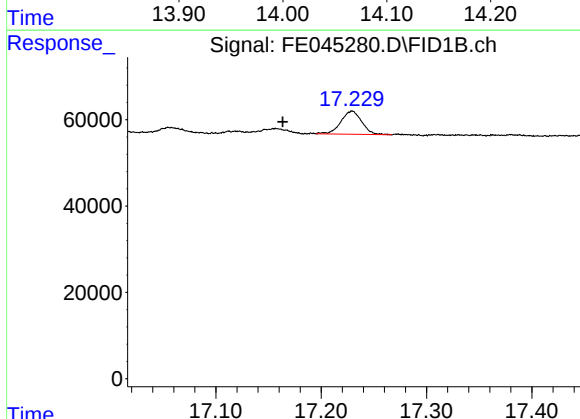
R.T.: 13.319 min
Delta R.T.: -0.009 min
Response: 225174
Conc: 1.63 ug/ml

Instrument :
FID_E
ClientSampleId :



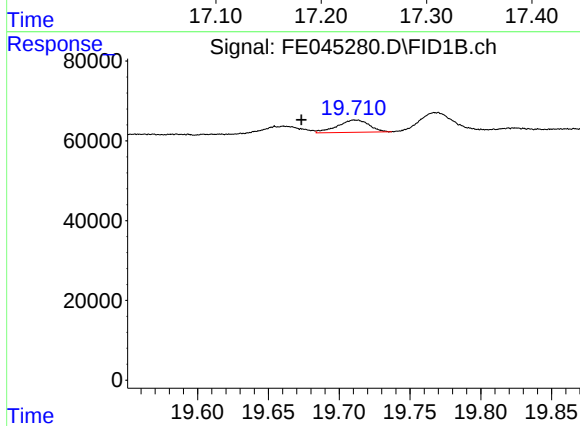
#13 n-Docosane (C22)

R.T.: 14.073 min
Delta R.T.: -0.011 min
Response: 52694
Conc: 0.35 ug/ml



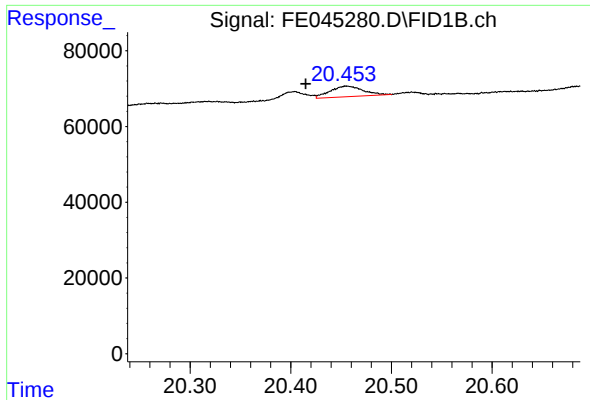
#16 n-Octacosane (C28)

R.T.: 17.229 min
Delta R.T.: 0.066 min
Response: 74266
Conc: 0.51 ug/ml



#19 n-Tetratriacontane (C34)

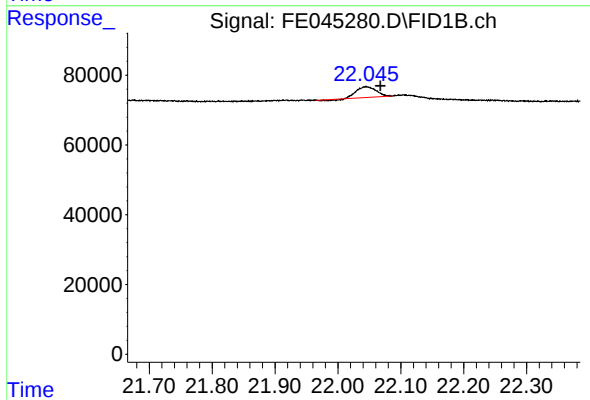
R.T.: 19.711 min
Delta R.T.: 0.038 min
Response: 47752
Conc: 0.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: 0.040 min
Response: 63405
Conc: 0.39 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: -0.023 min
Response: 64653
Conc: 0.38 ug/ml