

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031124AL\
 Data File : FE047158.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2024 07:28
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 12 01:22:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 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)	11.813	583052	3.549 ug/ml
Spiked Amount 50.000		Recovery =	7.10%
12) S 1-chlorooctadecane (S...	13.185f	158779	1.290 ug/ml
Spiked Amount 50.000		Recovery =	2.58%
Target Compounds			
7) T n-Hexadecane (C16)	10.090f	167212	1.054 ug/ml
8) T n-Octadecane (C18)	11.458	302001	1.894 ug/ml
10) T n-Eicosane (C20)	12.771	528044	3.488 ug/ml
11) T n-Heneicosane (C21)	13.381	657969	4.443 ug/ml
13) T n-Docosane (C22)	13.965	924402	6.354 ug/ml
14) T n-Tetracosane (C24)	15.075	1022358	7.159 ug/ml
15) T n-Hexacosane (C26)	16.100	767846	5.495 ug/ml
16) T n-Octacosane (C28)	17.053	95902	0.704 ug/ml
17) T n-Tricontane (C30)	17.942	456985	3.275 ug/ml
18) T n-Dotriacontane (C32)	18.777	845945	6.148 ug/ml
19) T n-Tetratriacontane (C34)	19.557	419936	3.126 ug/ml
20) T n-Hexatriacontane (C36)	20.300	197635	1.484 ug/ml
21) T n-Octatriacontane (C38)	21.013	197039	1.430 ug/ml
22) T n-Tetracontane (C40)	21.886	49222	0.349 ug/ml

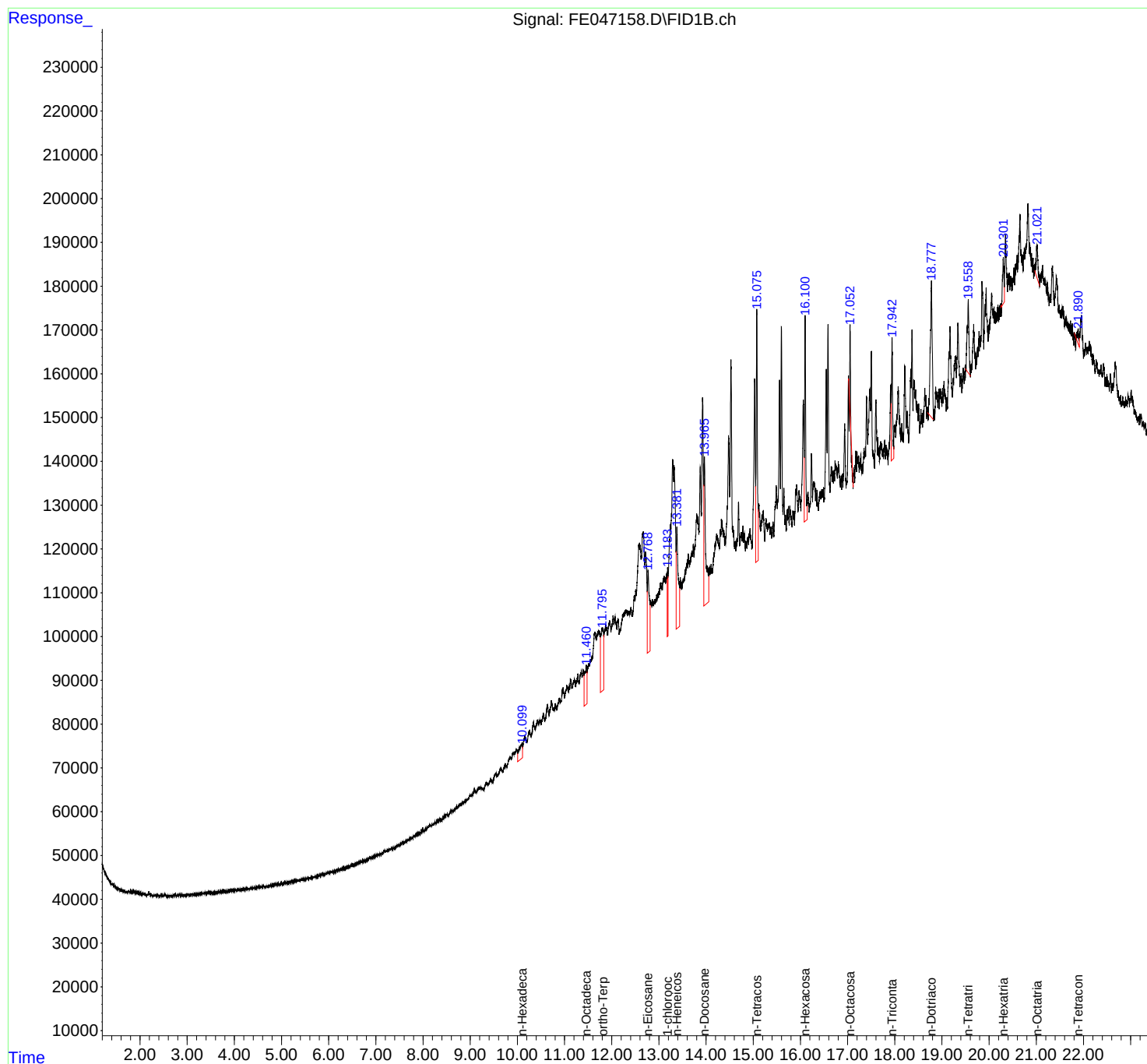
(f)=RT Delta > 1/2 Window

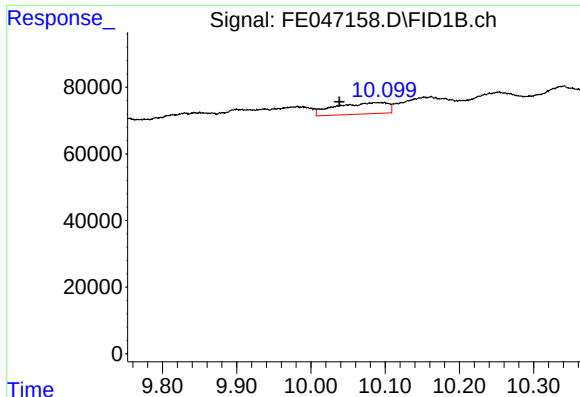
(m)=manual int.

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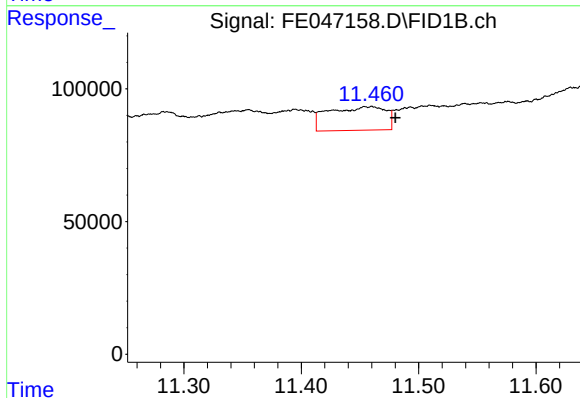
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





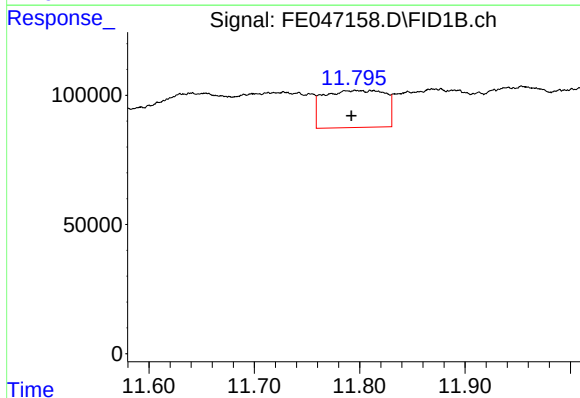
#7 n-Hexadecane (C16)

R.T.: 10.090 min
Delta R.T.: 0.051 min
Response: 167212
Conc: 1.05 ug/ml



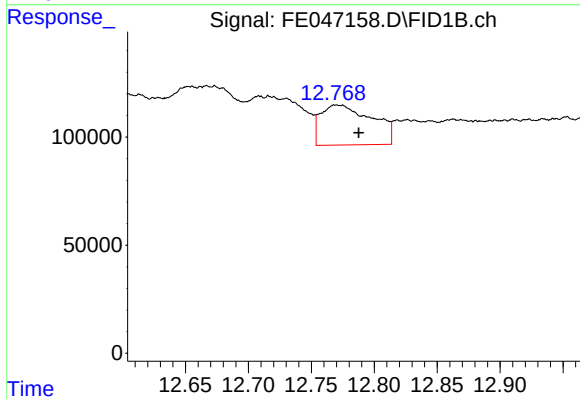
#8 n-Octadecane (C18)

R.T.: 11.458 min
Delta R.T.: -0.022 min
Response: 302001
Conc: 1.89 ug/ml



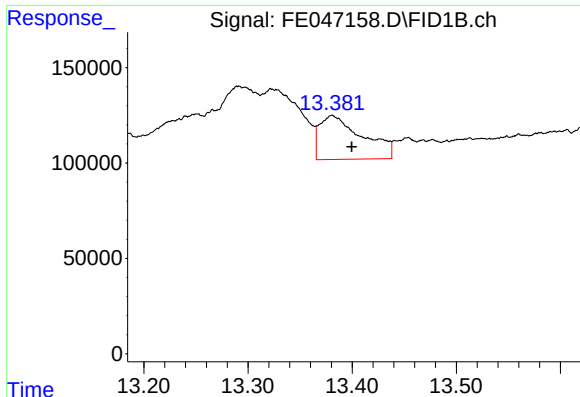
#9 ortho-Terphenyl (SURR)

R.T.: 11.813 min
Delta R.T.: 0.021 min
Response: 583052
Conc: 3.55 ug/ml



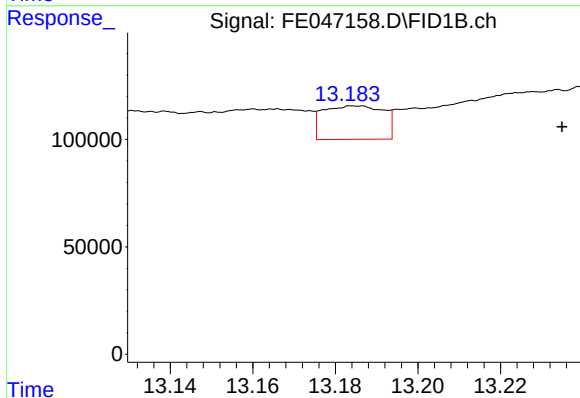
#10 n-Eicosane (C20)

R.T.: 12.771 min
Delta R.T.: -0.017 min
Response: 528044
Conc: 3.49 ug/ml



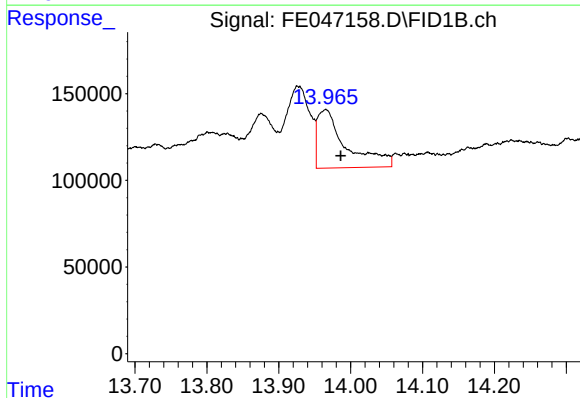
#11 n-Heneicosane (C21)

R.T.: 13.381 min
Delta R.T.: -0.019 min
Response: 657969
Conc: 4.44 ug/ml



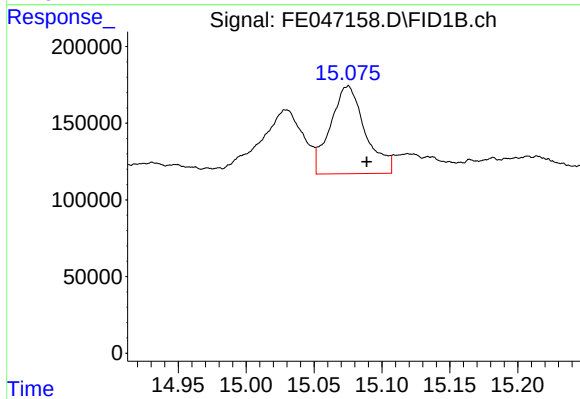
#12 1-chlorooctadecane (SURR)

R.T.: 13.185 min
Delta R.T.: -0.050 min
Response: 158779
Conc: 1.29 ug/ml



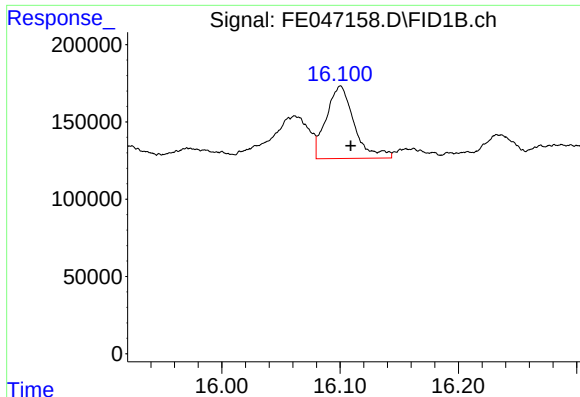
#13 n-Docosane (C22)

R.T.: 13.965 min
Delta R.T.: -0.021 min
Response: 924402
Conc: 6.35 ug/ml



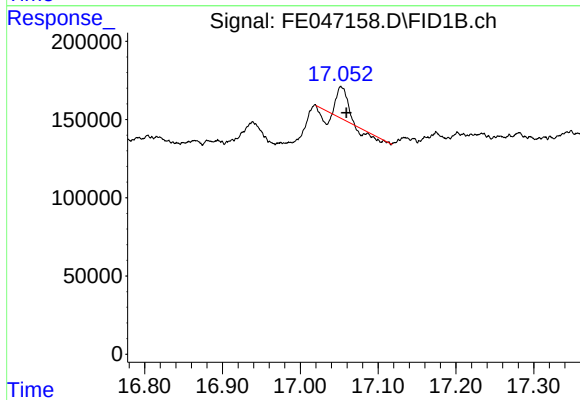
#14 n-Tetracosane (C24)

R.T.: 15.075 min
Delta R.T.: -0.014 min
Response: 1022358
Conc: 7.16 ug/ml



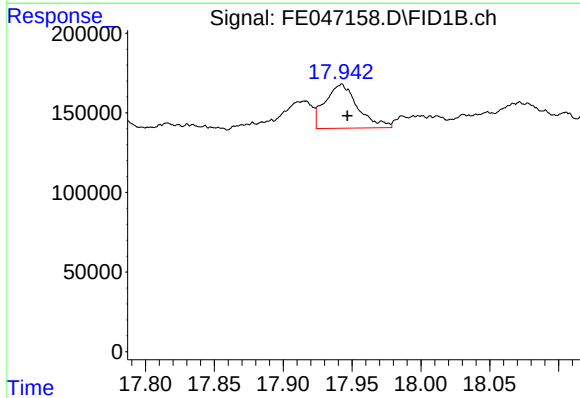
#15 n-Hexacosane (C26)

R.T.: 16.100 min
Delta R.T.: -0.009 min
Response: 767846
Conc: 5.49 ug/ml



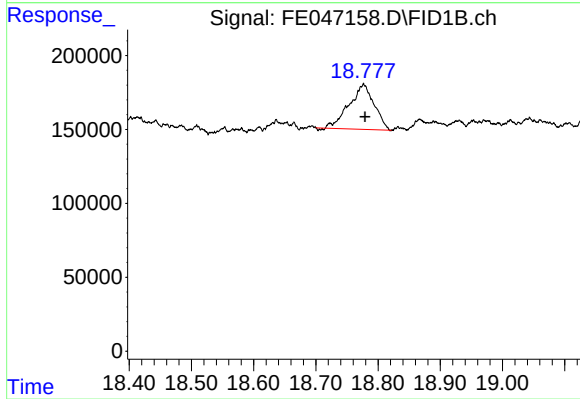
#16 n-Octacosane (C28)

R.T.: 17.053 min
Delta R.T.: -0.006 min
Response: 95902
Conc: 0.70 ug/ml



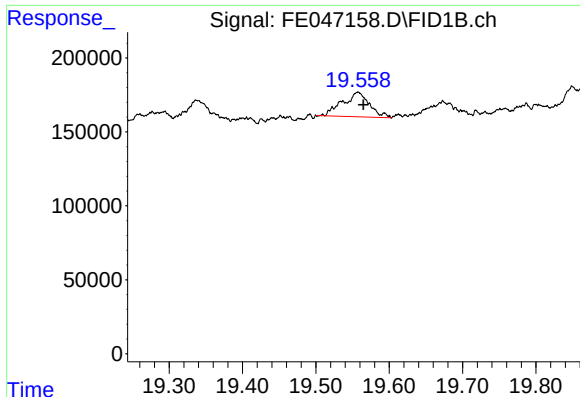
#17 n-Tricontane (C30)

R.T.: 17.942 min
Delta R.T.: -0.005 min
Response: 456985
Conc: 3.28 ug/ml



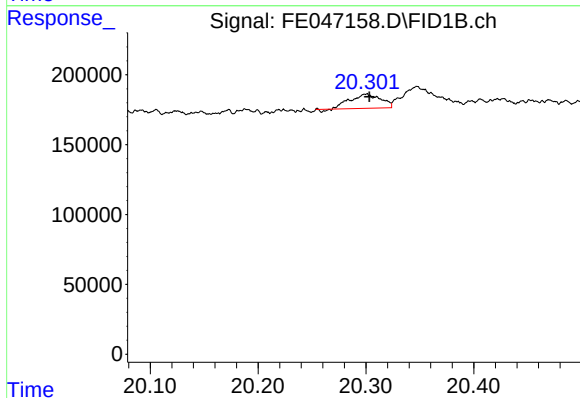
#18 n-Dotriacontane (C32)

R.T.: 18.777 min
Delta R.T.: -0.003 min
Response: 845945
Conc: 6.15 ug/ml



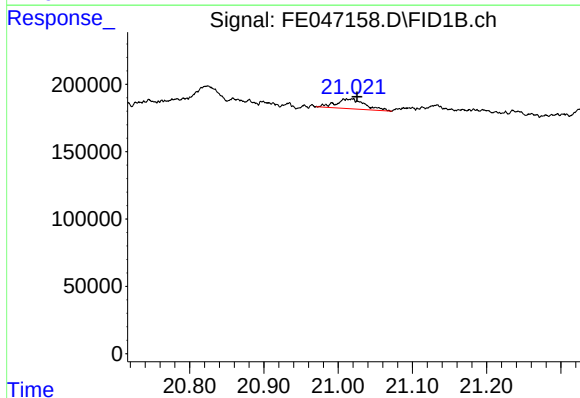
#19 n-Tetratriacontane (C34)

R.T.: 19.557 min
Delta R.T.: -0.007 min
Response: 419936
Conc: 3.13 ug/ml



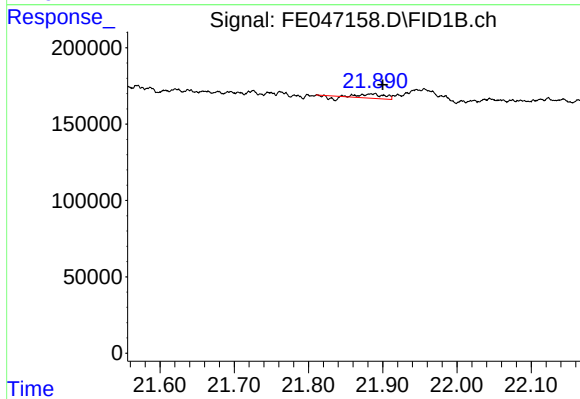
#20 n-Hexatriacontane (C36)

R.T.: 20.300 min
Delta R.T.: -0.003 min
Response: 197635
Conc: 1.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: -0.013 min
Response: 197039
Conc: 1.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: -0.014 min
Response: 49222
Conc: 0.35 ug/ml