

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010824AL\
 Data File : FE046089.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jan 2024 09:55
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 09 00:28:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.810	54288	0.299 ug/ml
Spiked Amount 50.000		Recovery =	0.60%
12) S 1-chlorooctadecane (S...	13.294	123018	0.921 ug/ml
Spiked Amount 50.000		Recovery =	1.84%
Target Compounds			
10) T n-Eicosane (C20)	12.825	152498	1.008 ug/ml
11) T n-Heneicosane (C21)	13.439	490093	3.333 ug/ml
13) T n-Docosane (C22)	14.030	442877	3.030 ug/ml
14) T n-Tetracosane (C24)	15.142	348001	2.399 ug/ml
15) T n-Hexacosane (C26)	16.168	296241	2.066 ug/ml
16) T n-Octacosane (C28)	17.120	222023	1.548 ug/ml
17) T n-Tricontane (C30)	18.011	206531	1.389 ug/ml
18) T n-Dotriacontane (C32)	18.847	332641	2.224 ug/ml
19) T n-Tetratriacontane (C34)	19.633	141315	0.986 ug/ml
20) T n-Hexatriacontane (C36)	20.381	44042	0.302 ug/ml
21) T n-Octatriacontane (C38)	21.096	109060	0.740 ug/ml
22) T n-Tetracontane (C40)	22.032	42425	0.271 ug/ml

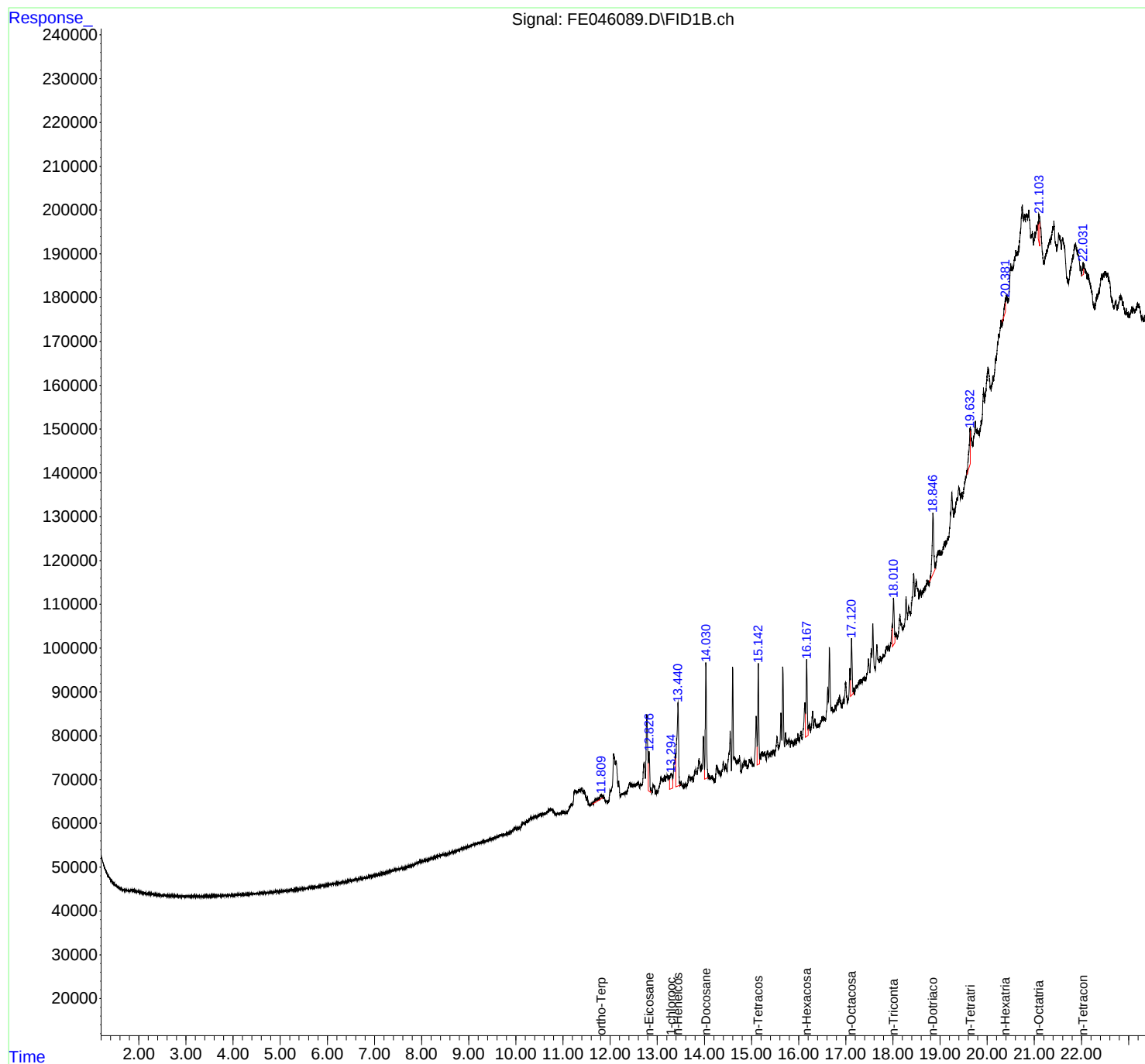
(f)=RT Delta > 1/2 Window

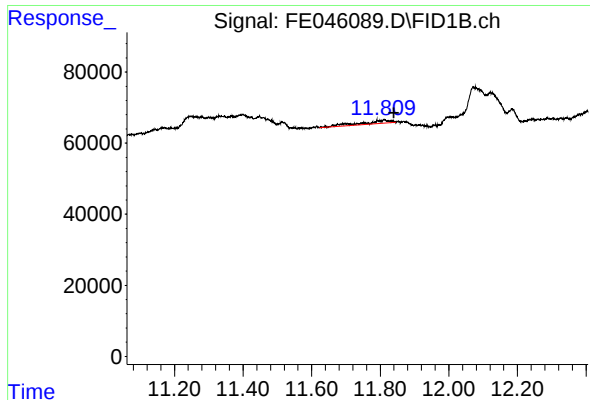
(m)=manual int.

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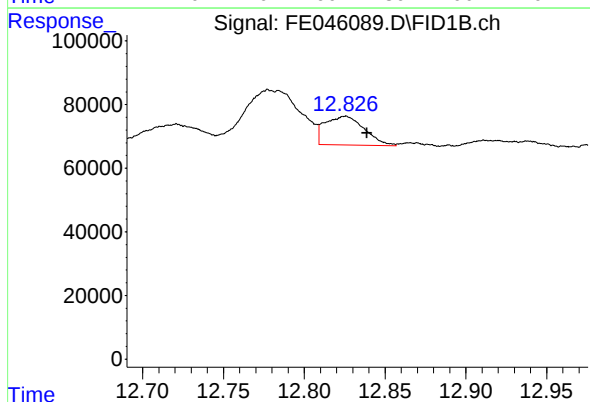
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





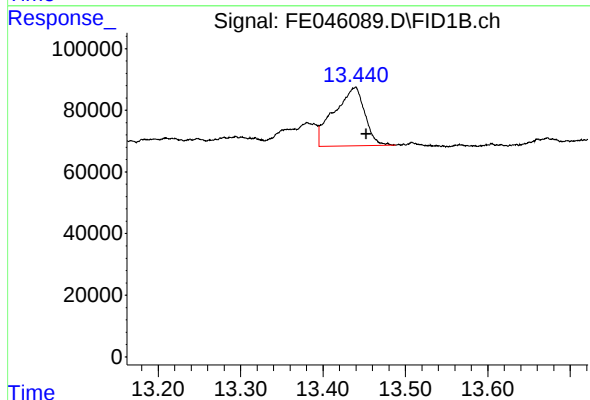
#9 ortho-Terphenyl (SURR)

R.T.: 11.810 min
Delta R.T.: -0.030 min
Response: 54288
Conc: 0.30 ug/ml



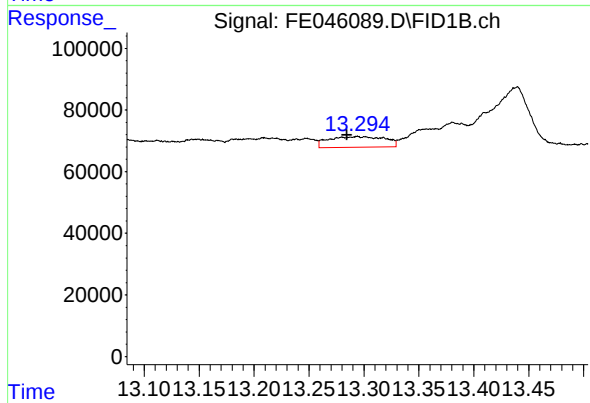
#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.013 min
Response: 152498
Conc: 1.01 ug/ml



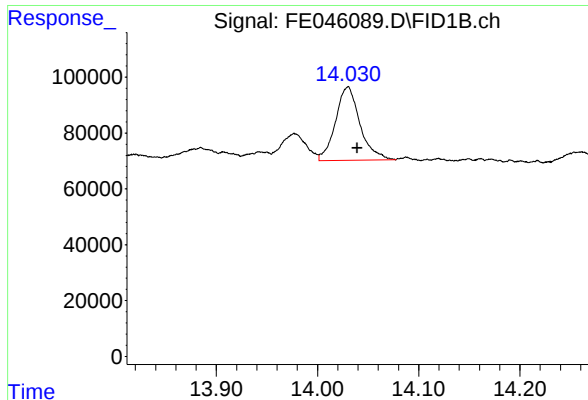
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.013 min
Response: 490093
Conc: 3.33 ug/ml



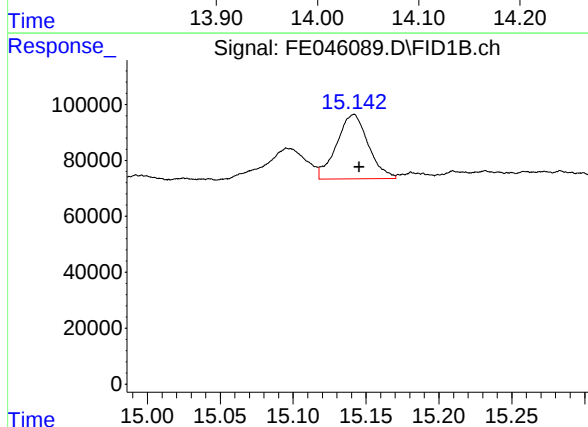
#12 1-chlorooctadecane (SURR)

R.T.: 13.294 min
Delta R.T.: 0.010 min
Response: 123018
Conc: 0.92 ug/ml



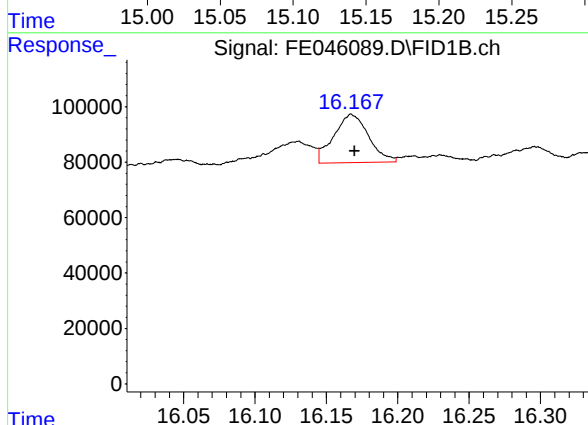
#13 n-Docosane (C22)

R.T.: 14.030 min
Delta R.T.: -0.010 min
Response: 442877
Conc: 3.03 ug/ml



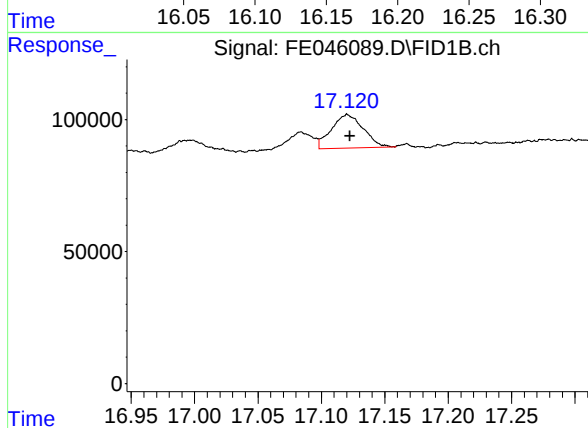
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.004 min
Response: 348001
Conc: 2.40 ug/ml



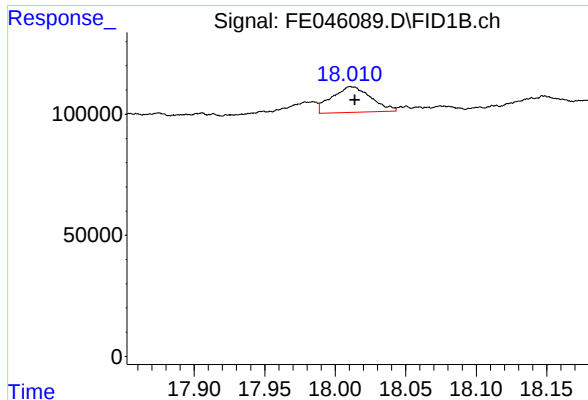
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.002 min
Response: 296241
Conc: 2.07 ug/ml



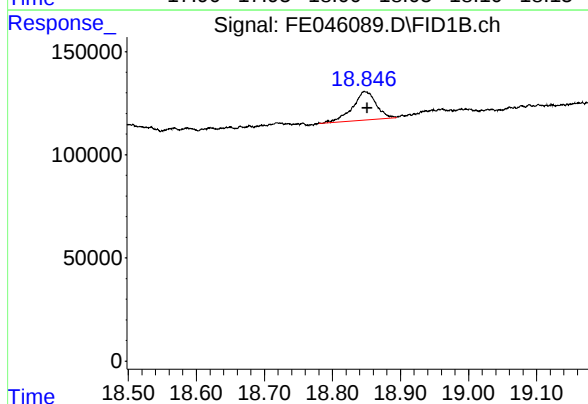
#16 n-Octacosane (C28)

R.T.: 17.120 min
Delta R.T.: -0.002 min
Response: 222023
Conc: 1.55 ug/ml



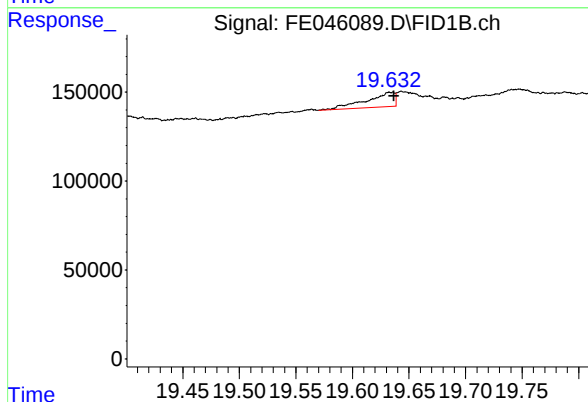
#17 n-Tricontane (C30)

R.T.: 18.011 min
Delta R.T.: -0.003 min
Response: 206531
Conc: 1.39 ug/ml



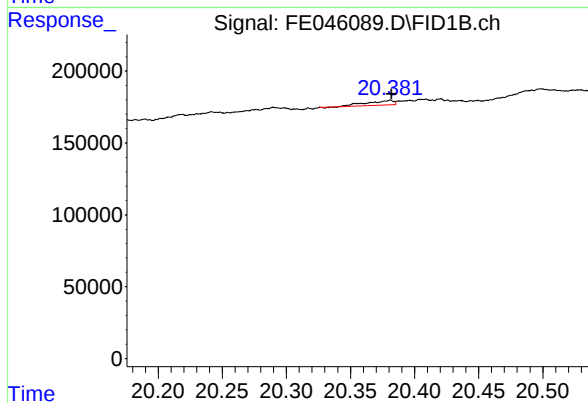
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.004 min
Response: 332641
Conc: 2.22 ug/ml



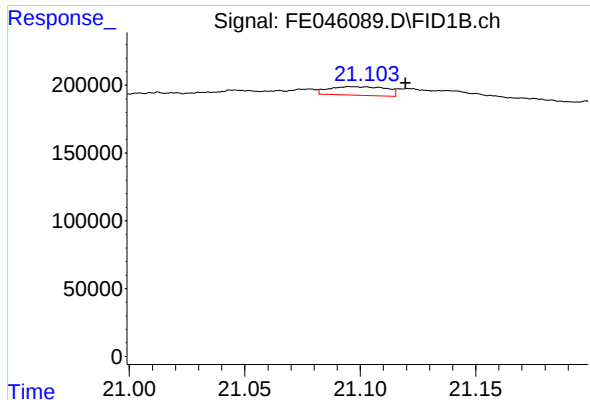
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.003 min
Response: 141315
Conc: 0.99 ug/ml



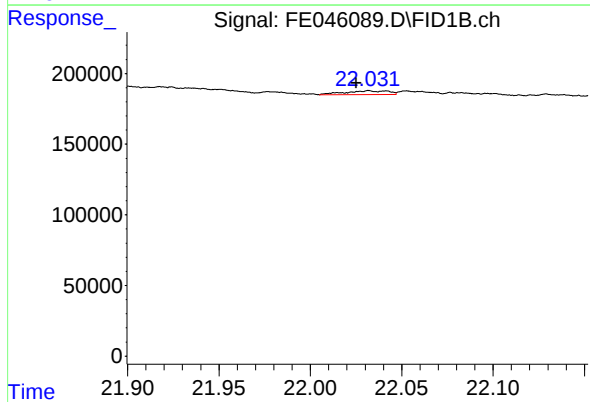
#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: -0.001 min
Response: 44042
Conc: 0.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.024 min
Response: 109060
Conc: 0.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.032 min
Delta R.T.: 0.007 min
Response: 42425
Conc: 0.27 ug/ml