

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022124AL\
 Data File : FE046879.D
 Signal(s) : FID1B.ch
 Acq On : 21 Feb 2024 19:17
 Operator : YP\AJ
 Sample : P1537-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 00:47:46 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)	11.792	5894824	35.879 ug/ml
Spiked Amount 50.000		Recovery =	71.76%
12) S 1-chlorooctadecane (S...	13.233	4650364	37.777 ug/ml
Spiked Amount 50.000		Recovery =	75.55%
Target Compounds			
6) T n-Tetradecane (C14)	8.427	38080	0.247 ug/ml
7) T n-Hexadecane (C16)	10.037	45598	0.287 ug/ml
8) T n-Octadecane (C18)	11.477	76079	0.477 ug/ml
10) T n-Eicosane (C20)	12.785	110279	0.729 ug/ml
11) T n-Heneicosane (C21)	13.399	28619	0.193 ug/ml
13) T n-Docosane (C22)	13.983	17172	0.118 ug/ml
14) T n-Tetracosane (C24)	15.108	483240	3.384 ug/ml
15) T n-Hexacosane (C26)	16.108	32526	0.233 ug/ml
16) T n-Octacosane (C28)	17.056	62282	0.457 ug/ml
17) T n-Tricontane (C30)	17.940	118649	0.850 ug/ml
18) T n-Dotriacontane (C32)	18.773	131556	0.956 ug/ml
19) T n-Tetratriacontane (C34)	19.569	23827	0.177 ug/ml
20) T n-Hexatriacontane (C36)	20.315	48094	0.361 ug/ml
21) T n-Octatriacontane (C38)	21.033	53798	0.390 ug/ml

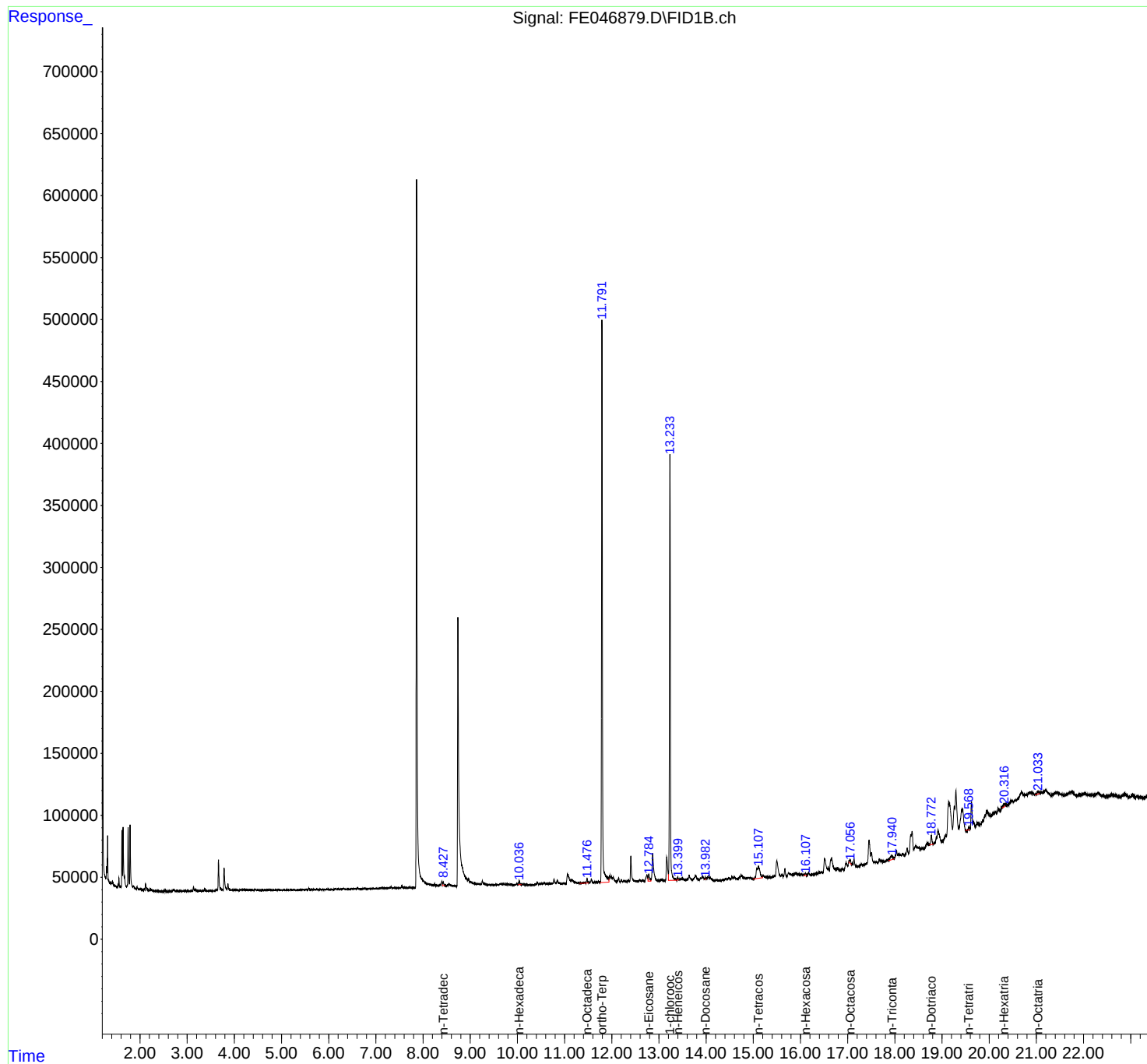
(f)=RT Delta > 1/2 Window

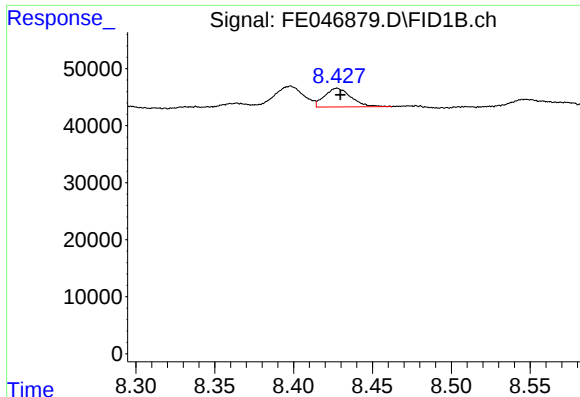
(m)=manual int.

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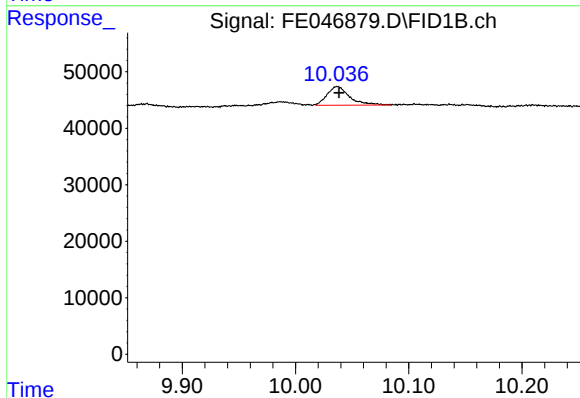
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





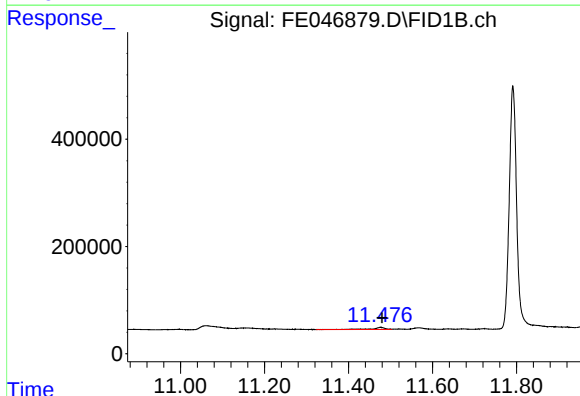
#6 n-Tetradecane (C14)

R.T.: 8.427 min
Delta R.T.: -0.002 min
Response: 38080
Conc: 0.25 ug/ml



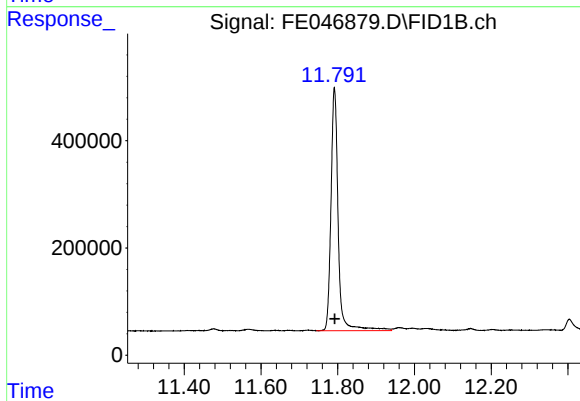
#7 n-Hexadecane (C16)

R.T.: 10.037 min
Delta R.T.: -0.002 min
Response: 45598
Conc: 0.29 ug/ml



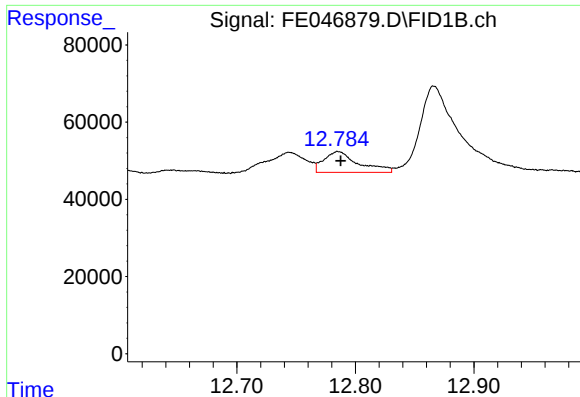
#8 n-Octadecane (C18)

R.T.: 11.477 min
Delta R.T.: -0.004 min
Response: 76079
Conc: 0.48 ug/ml



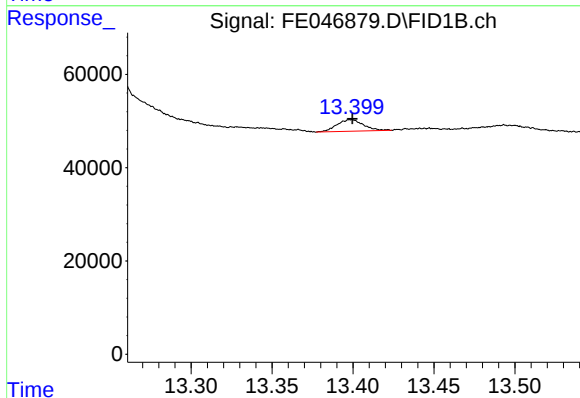
#9 ortho-Terphenyl (SURR)

R.T.: 11.792 min
Delta R.T.: 0.000 min
Response: 5894824
Conc: 35.88 ug/ml



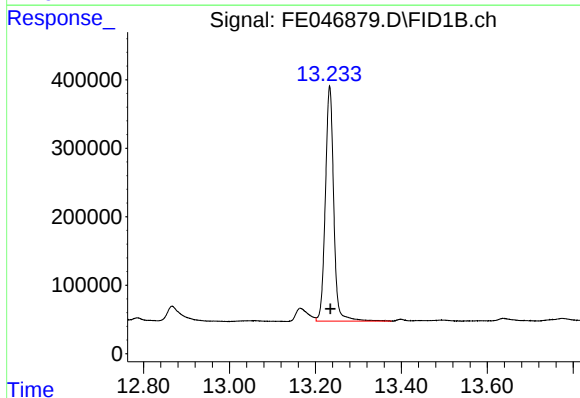
#10 n-Eicosane (C20)

R.T.: 12.785 min
Delta R.T.: -0.002 min
Response: 110279
Conc: 0.73 ug/ml



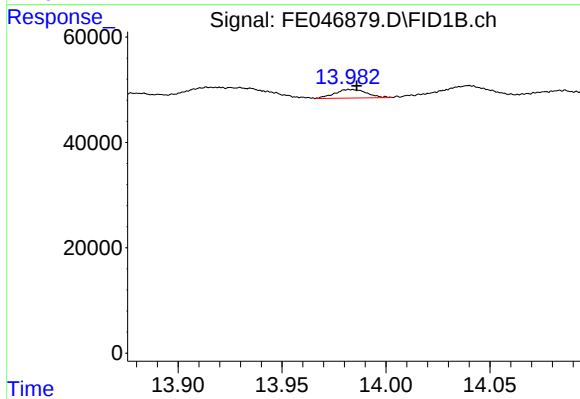
#11 n-Heneicosane (C21)

R.T.: 13.399 min
Delta R.T.: 0.000 min
Response: 28619
Conc: 0.19 ug/ml



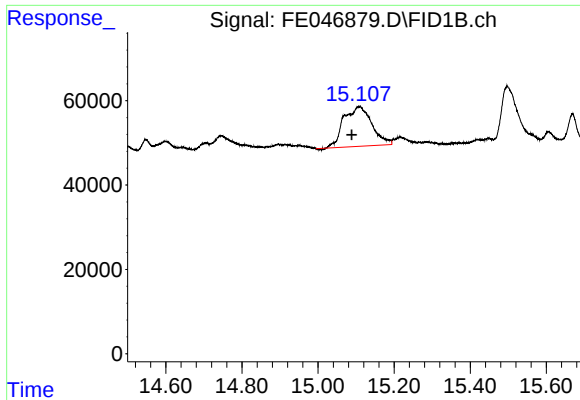
#12 1-chlorooctadecane (SURR)

R.T.: 13.233 min
Delta R.T.: -0.002 min
Response: 4650364
Conc: 37.78 ug/ml



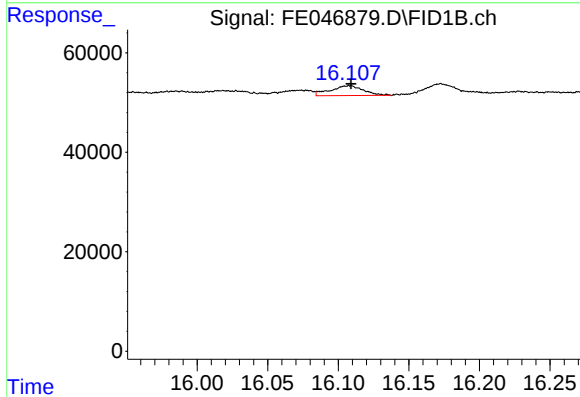
#13 n-Docosane (C22)

R.T.: 13.983 min
Delta R.T.: -0.003 min
Response: 17172
Conc: 0.12 ug/ml



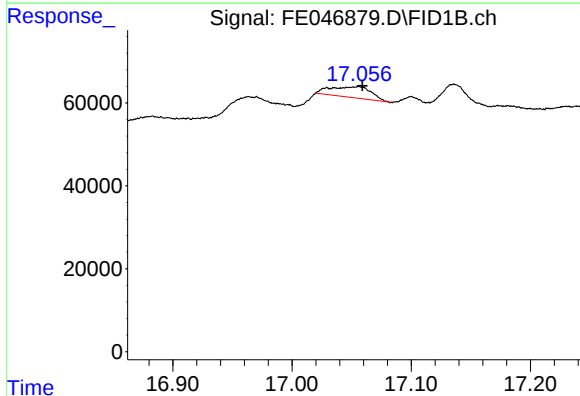
#14 n-Tetracosane (C24)

R.T.: 15.108 min
Delta R.T.: 0.019 min
Response: 483240
Conc: 3.38 ug/ml



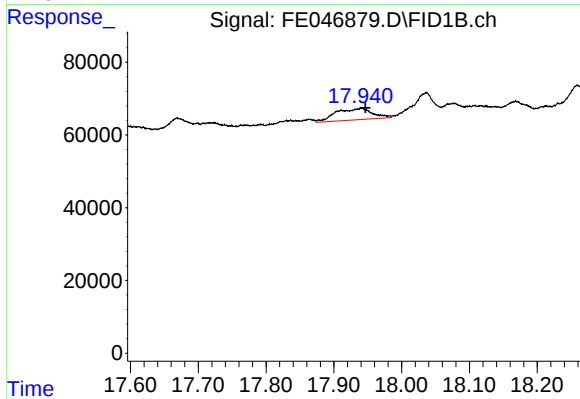
#15 n-Hexacosane (C26)

R.T.: 16.108 min
Delta R.T.: 0.000 min
Response: 32526
Conc: 0.23 ug/ml



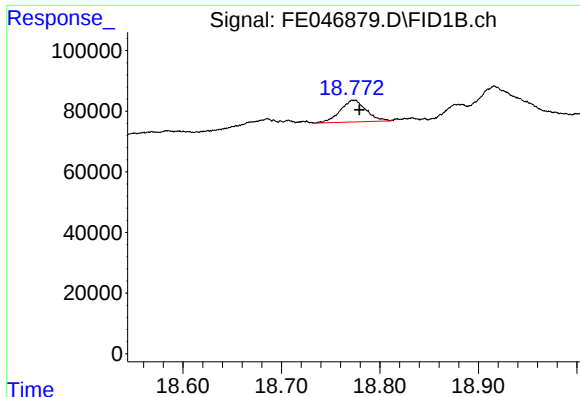
#16 n-Octacosane (C28)

R.T.: 17.056 min
Delta R.T.: -0.003 min
Response: 62282
Conc: 0.46 ug/ml



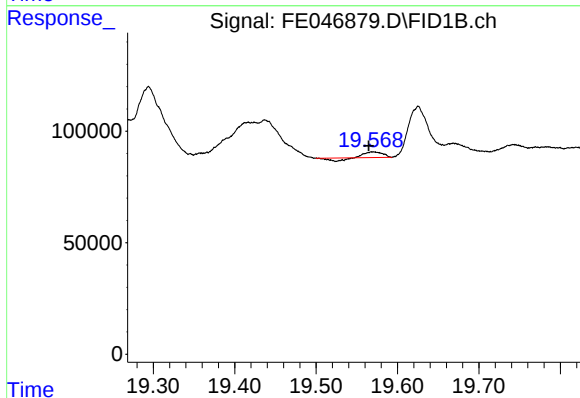
#17 n-Tricontane (C30)

R.T.: 17.940 min
Delta R.T.: -0.006 min
Response: 118649
Conc: 0.85 ug/ml



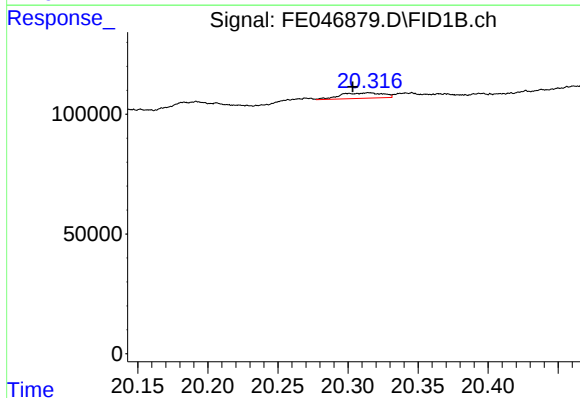
#18 n-Dotriacontane (C32)

R.T.: 18.773 min
Delta R.T.: -0.006 min
Response: 131556
Conc: 0.96 ug/ml



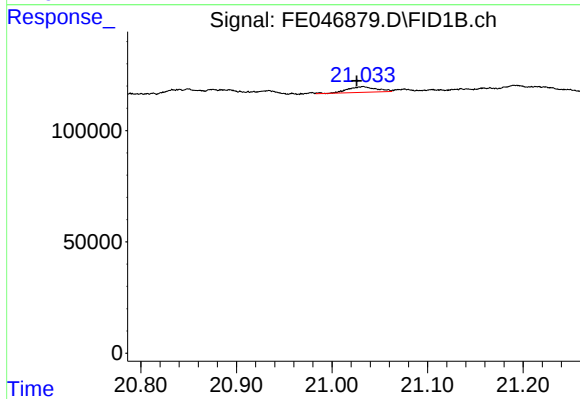
#19 n-Tetratriacontane (C34)

R.T.: 19.569 min
Delta R.T.: 0.005 min
Response: 23827
Conc: 0.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.315 min
Delta R.T.: 0.012 min
Response: 48094
Conc: 0.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.033 min
Delta R.T.: 0.007 min
Response: 53798
Conc: 0.39 ug/ml