

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031524AL\
 Data File : FE047186.D
 Signal(s) : FID1B.ch
 Acq On : 15 Mar 2024 17:27
 Operator : YP\AJ
 Sample : P1764-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 16 01:20:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 14 01:54:27 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)	11.977	5641122	34.190 ug/ml
Spiked Amount 50.000		Recovery =	68.38%
12) S 1-chlorooctadecane (S...	13.410	4653521	36.498 ug/ml
Spiked Amount 50.000		Recovery =	73.00%
Target Compounds			
1) T n-Nonane (C9)	3.338	23103	0.154 ug/ml
6) T n-Tetradecane (C14)	8.573	438111	2.875 ug/ml
7) T n-Hexadecane (C16)	10.145f	18650	0.118 ug/ml
10) T n-Eicosane (C20)	13.020f	61061	0.397 ug/ml
11) T n-Heneicosane (C21)	13.591	54793	0.362 ug/ml
13) T n-Docosane (C22)	14.150	57468	0.382 ug/ml
14) T n-Tetracosane (C24)	15.256	31141	0.209 ug/ml
16) T n-Octacosane (C28)	17.276f	74304	0.527 ug/ml
17) T n-Tricontane (C30)	18.112	65247	0.462 ug/ml
18) T n-Dotriacontane (C32)	18.920	281811	2.044 ug/ml
19) T n-Tetratriacontane (C34)	19.787f	52605	0.403 ug/ml
20) T n-Hexatriacontane (C36)	20.463	19171	0.154 ug/ml

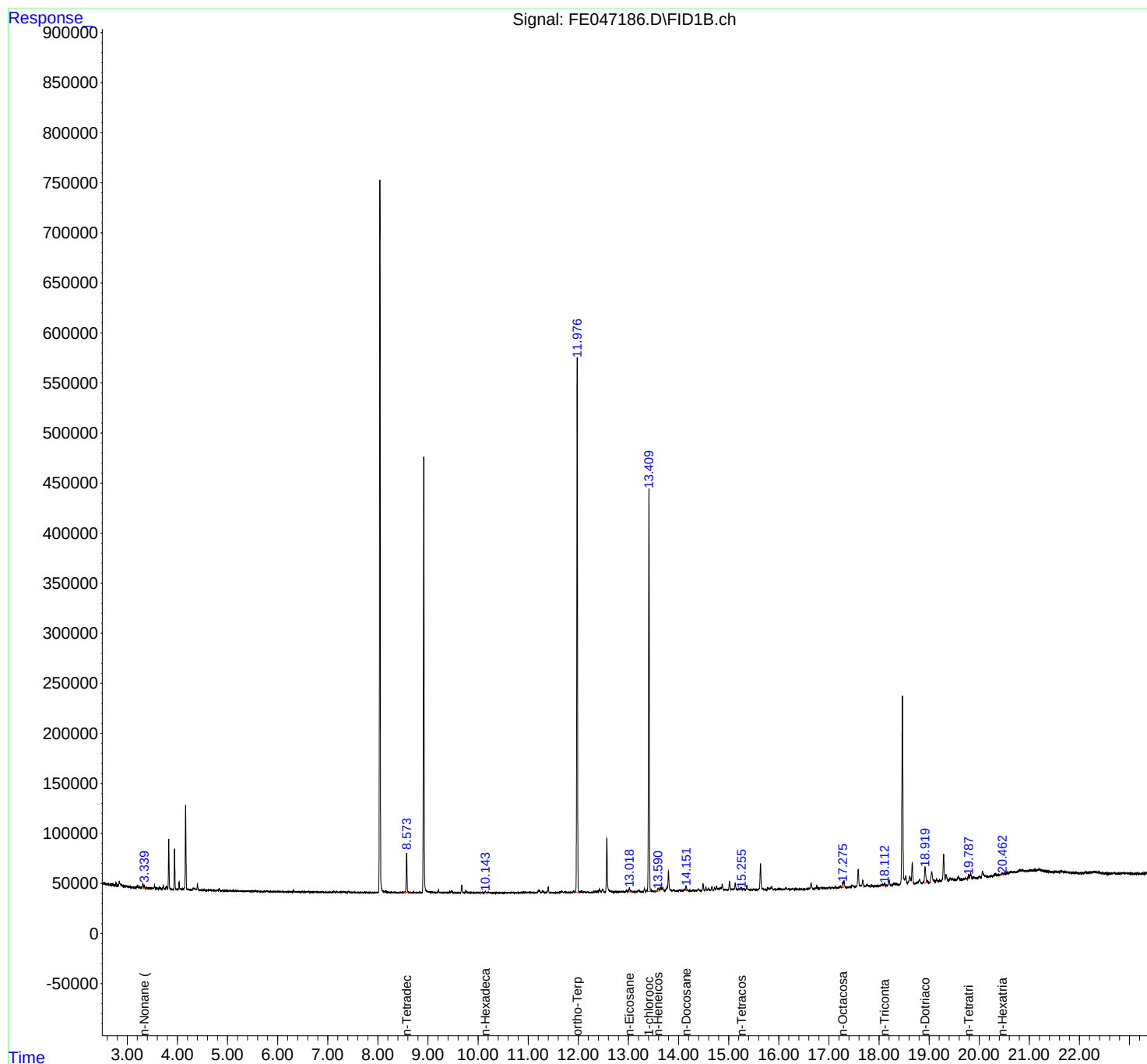
(f)=RT Delta > 1/2 Window

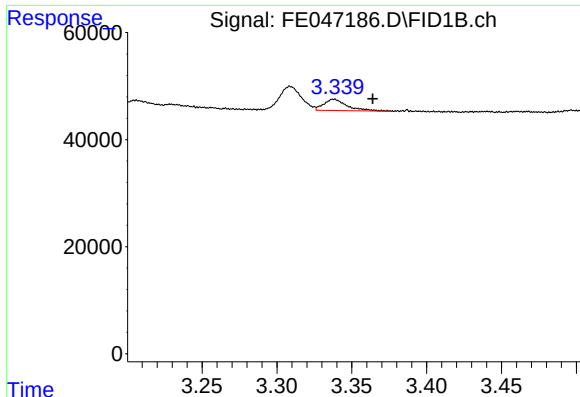
(m)=manual int.

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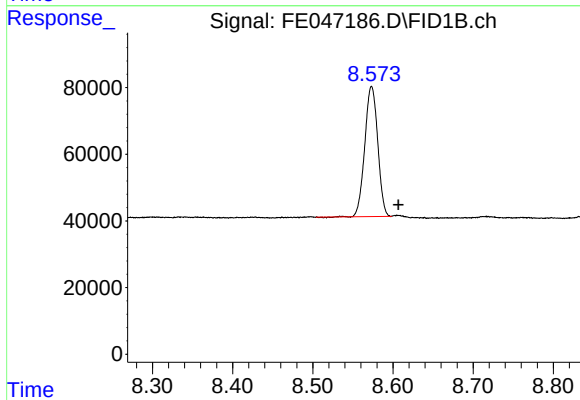
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





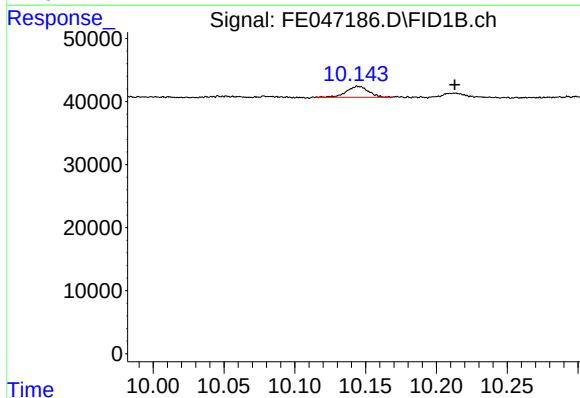
#1 n-Nonane (C9)

R.T.: 3.338 min
Delta R.T.: -0.026 min
Response: 23103
Conc: 0.15 ug/ml



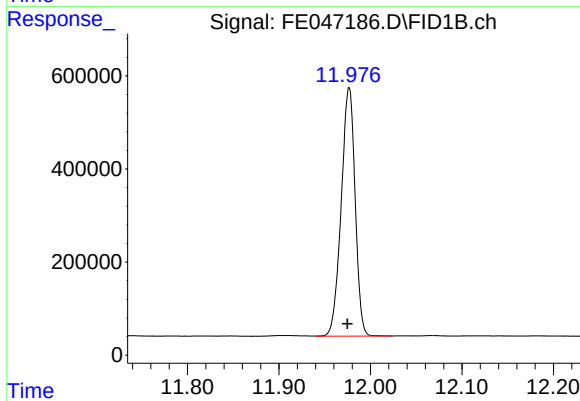
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.034 min
Response: 438111
Conc: 2.88 ug/ml



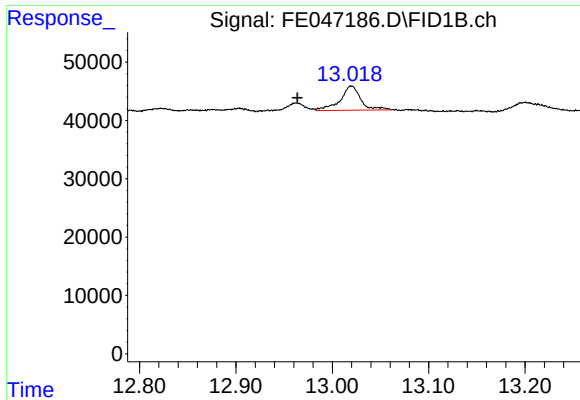
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.068 min
Response: 18650
Conc: 0.12 ug/ml



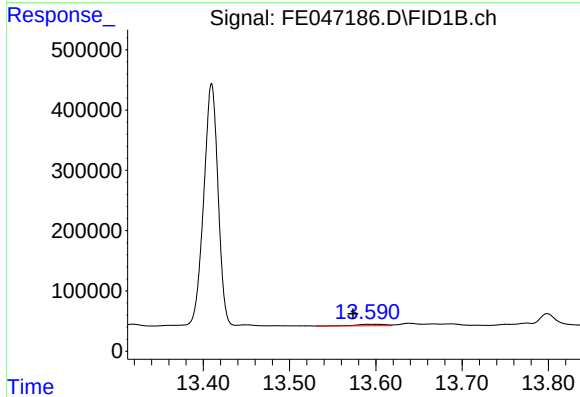
#9 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: 0.002 min
Response: 5641122
Conc: 34.19 ug/ml



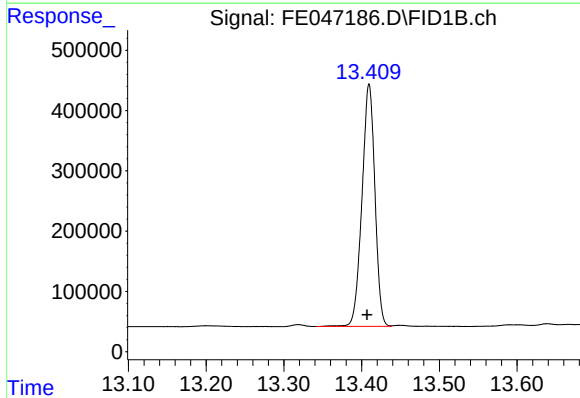
#10 n-Eicosane (C20)

R.T.: 13.020 min
Delta R.T.: 0.056 min
Response: 61061
Conc: 0.40 ug/ml



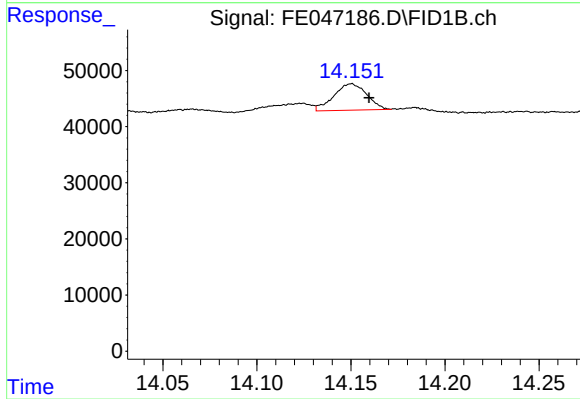
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: 0.017 min
Response: 54793
Conc: 0.36 ug/ml



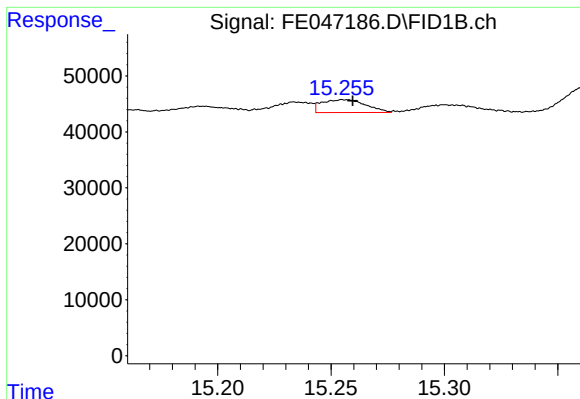
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: 0.003 min
Response: 4653521
Conc: 36.50 ug/ml



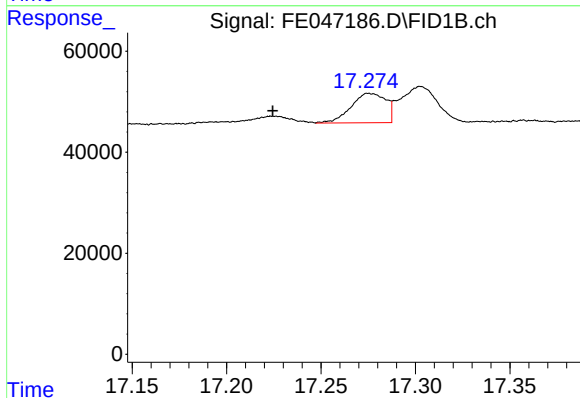
#13 n-Docosane (C22)

R.T.: 14.150 min
Delta R.T.: -0.009 min
Response: 57468
Conc: 0.38 ug/ml



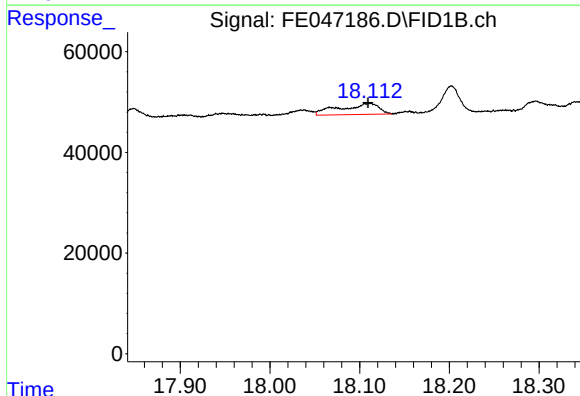
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.004 min
Response: 31141
Conc: 0.21 ug/ml



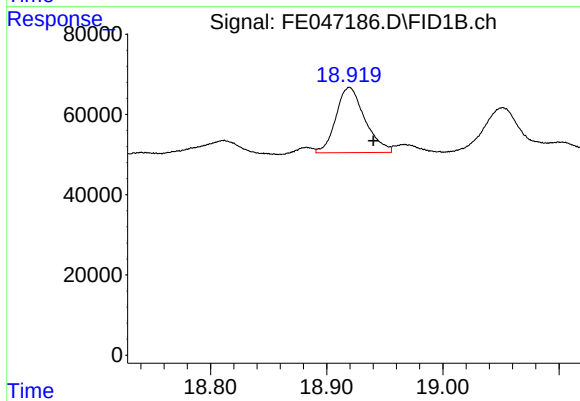
#16 n-Octacosane (C28)

R.T.: 17.276 min
Delta R.T.: 0.051 min
Response: 74304
Conc: 0.53 ug/ml



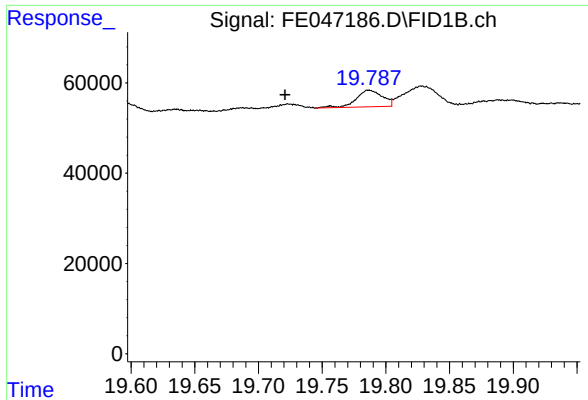
#17 n-Tricontane (C30)

R.T.: 18.112 min
Delta R.T.: 0.003 min
Response: 65247
Conc: 0.46 ug/ml



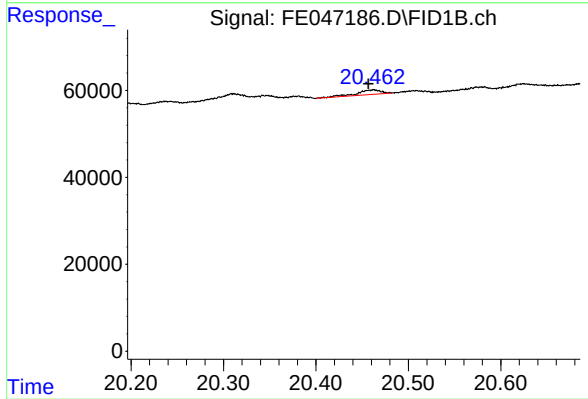
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.020 min
Response: 281811
Conc: 2.04 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.787 min
Delta R.T.: 0.066 min
Response: 52605
Conc: 0.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.006 min
Response: 19171
Conc: 0.15 ug/ml