

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080525AL\
 Data File : FE055127.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2025 11:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 06 00:49:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:47:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

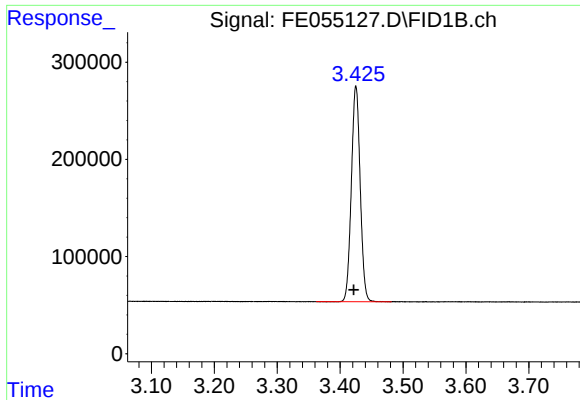
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.086	2723642	19.073 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	13.523	2033662	18.914 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.425	2164551	18.860 ug/ml
2) T n-Decane (C10)	4.683	2222322	19.076 ug/ml
3) T A~Naphthalene (C11.7)	6.402	2550901	19.004 ug/ml
4) T n-Dodecane (C12)	6.858	2275149	19.106 ug/ml
5) T A~2-methylnaphthalene...	7.503	2478721	19.011 ug/ml
6) T n-Tetradecane (C14)	8.695	2336104	19.053 ug/ml
7) T n-Hexadecane (C16)	10.310	2444674	19.122 ug/ml
8) T n-Octadecane (C18)	11.760	2501303	19.171 ug/ml
10) T n-Eicosane (C20)	13.075	2429851	19.366 ug/ml
11) T n-Heneicosane (C21)	13.689	2362501	19.166 ug/ml
13) T n-Docosane (C22)	14.276	2430281	19.901 ug/ml
14) T n-Tetracosane (C24)	15.384	2578066	21.195 ug/ml
15) T n-Hexacosane (C26)	16.407	2652080	22.166 ug/ml
16) T n-Octacosane (C28)	17.359	2695500	22.723 ug/mlm
17) T n-Tricontane (C30)	18.248	2808788	22.827 ug/ml
18) T n-Dotriacontane (C32)	19.083	2743291	22.484 ug/ml
19) T n-Tetratriacontane (C34)	19.867	2480745	21.218 ug/mlm
20) T n-Hexatriacontane (C36)	20.609	2218171	20.295 ug/ml
21) T n-Octatriacontane (C38)	21.389	2104528	19.474 ug/ml
22) T n-Tetracontane (C40)	22.381	1972677	18.864 ug/ml

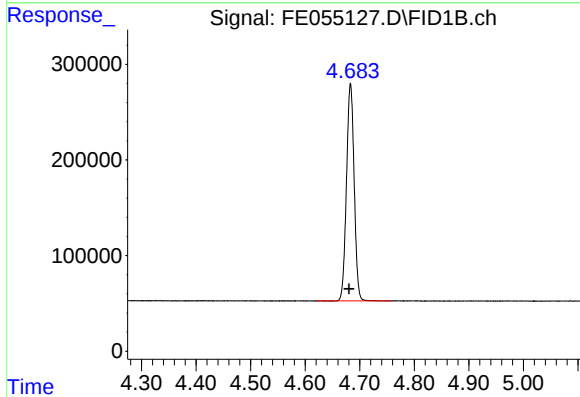
(f)=RT Delta > 1/2 Window

(m)=manual int.



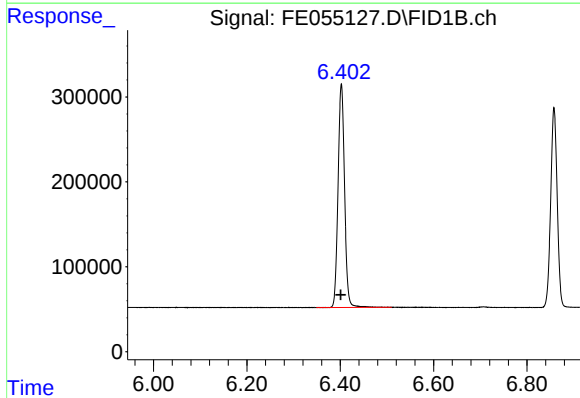
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: 0.003 min
Response: 2164551
Conc: 18.86 ug/ml



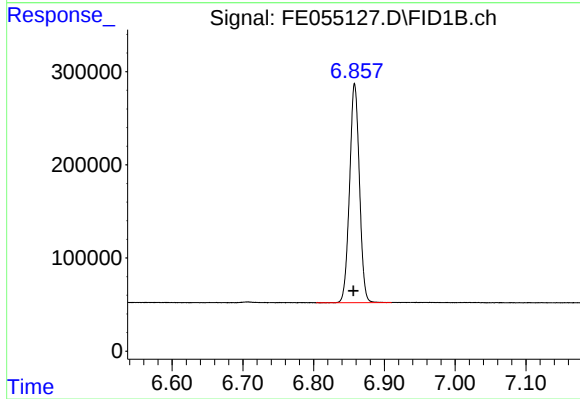
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.003 min
Response: 2222322
Conc: 19.08 ug/ml



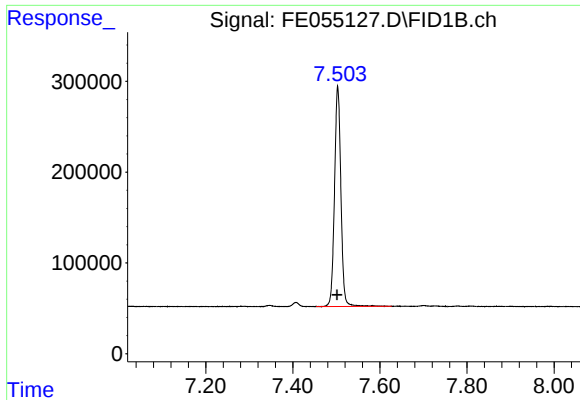
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.002 min
Response: 2550901
Conc: 19.00 ug/ml



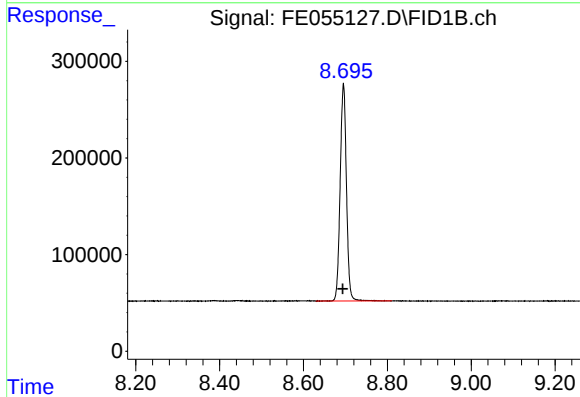
#4 n-Dodecane (C12)

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 2275149
Conc: 19.11 ug/ml



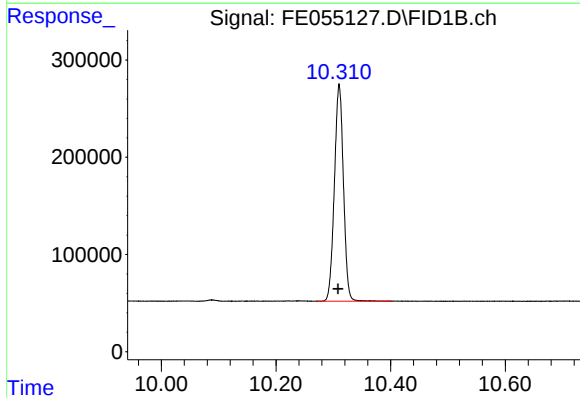
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 2478721
Conc: 19.01 ug/ml



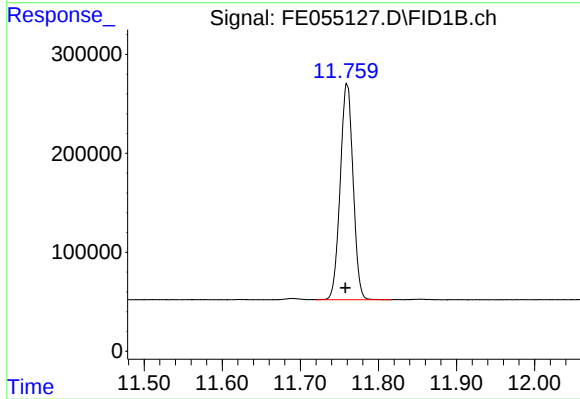
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: 0.002 min
Response: 2336104
Conc: 19.05 ug/ml



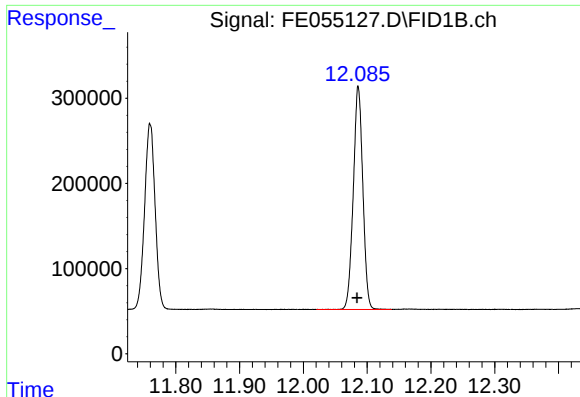
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.002 min
Response: 2444674
Conc: 19.12 ug/ml



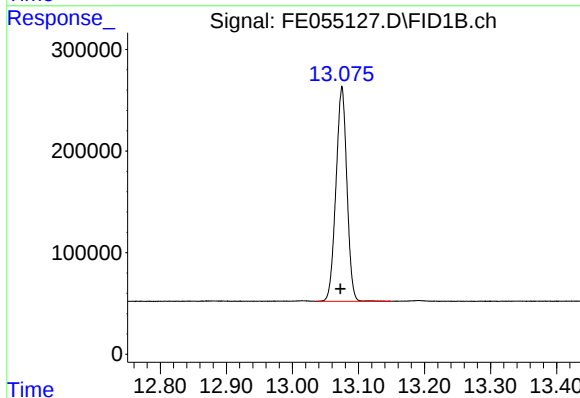
#8 n-Octadecane (C18)

R.T.: 11.760 min
Delta R.T.: 0.002 min
Response: 2501303
Conc: 19.17 ug/ml



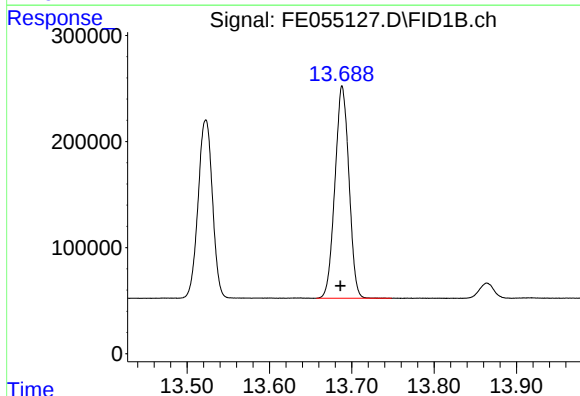
#9 ortho-Terphenyl (SURR)

R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 2723642
Conc: 19.07 ug/ml



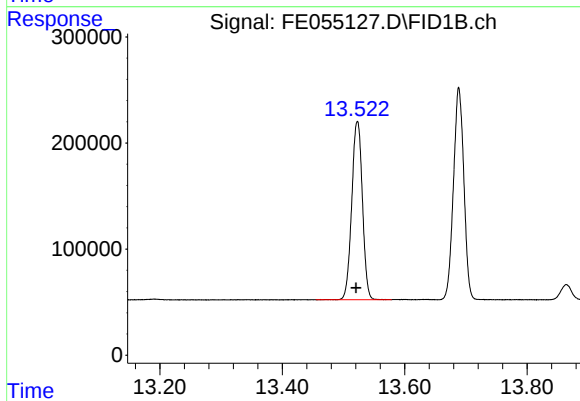
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.003 min
Response: 2429851
Conc: 19.37 ug/ml



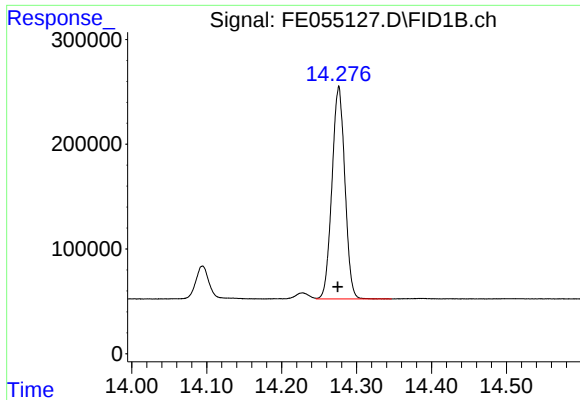
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.002 min
Response: 2362501
Conc: 19.17 ug/ml



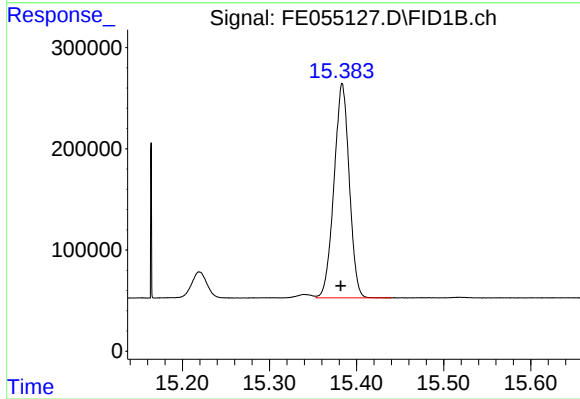
#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.002 min
Response: 2033662
Conc: 18.91 ug/ml



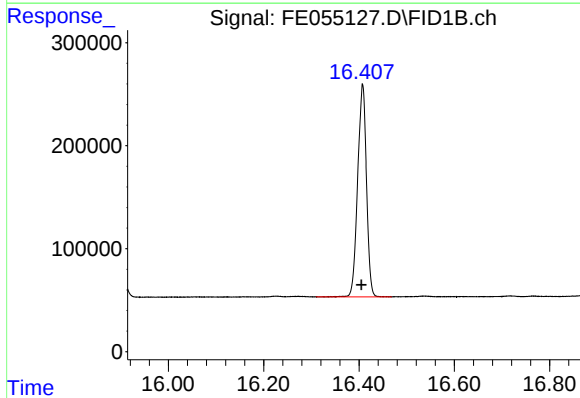
#13 n-Docosane (C22)

R.T.: 14.276 min
Delta R.T.: 0.001 min
Response: 2430281
Conc: 19.90 ug/ml



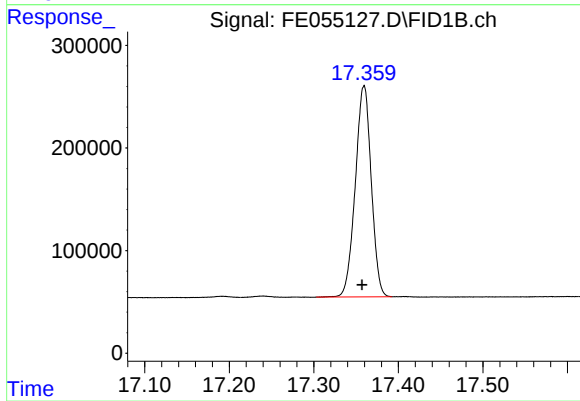
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.002 min
Response: 2578066
Conc: 21.20 ug/ml



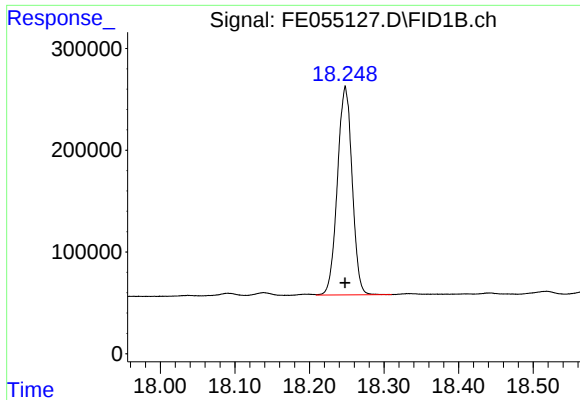
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 2652080
Conc: 22.17 ug/ml



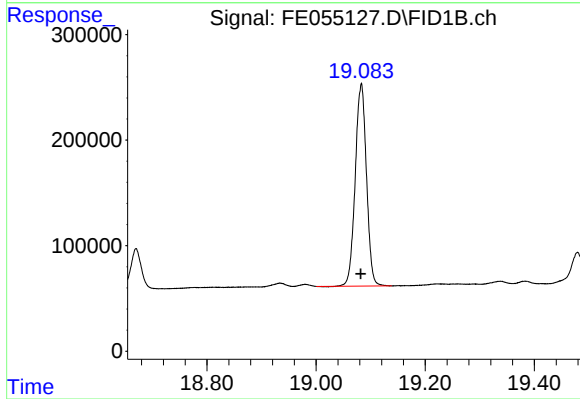
#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 2695500
Conc: 22.72 ug/ml m



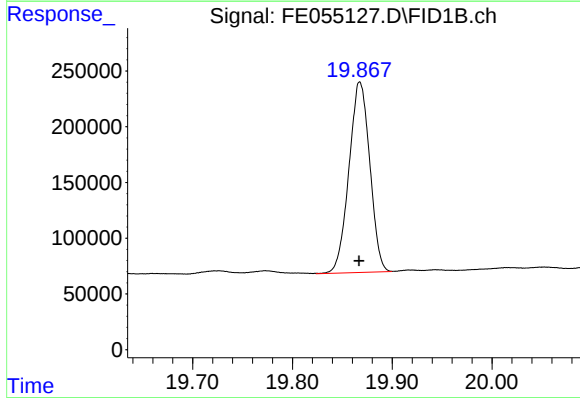
#17 n-Tricontane (C30)

R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 2808788
Conc: 22.83 ug/ml



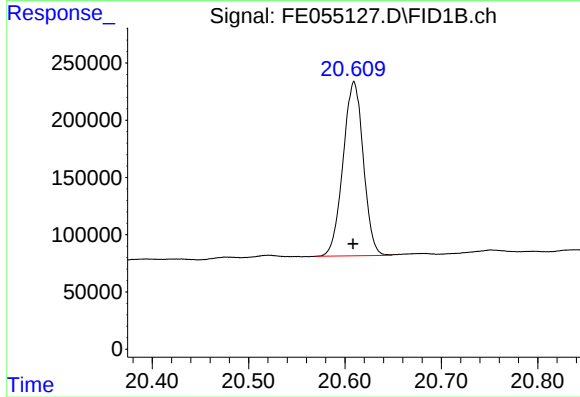
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.001 min
Response: 2743291
Conc: 22.48 ug/ml



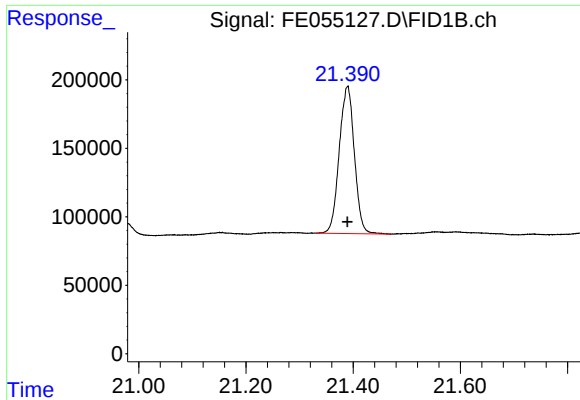
#19 n-Tetratriacontane (C34)

R.T.: 19.867 min
Delta R.T.: 0.000 min
Response: 2480745
Conc: 21.22 ug/ml m



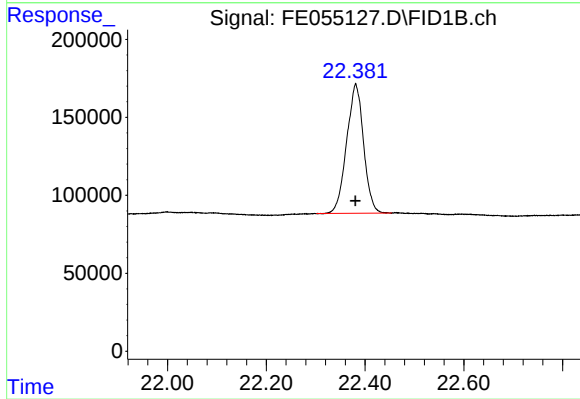
#20 n-Hexatriacontane (C36)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 2218171
Conc: 20.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.000 min
Response: 2104528
Conc: 19.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.000 min
Response: 1972677
Conc: 18.86 ug/ml