

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020624AL\
 Data File : FE046594.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2024 00:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 02:25:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 Response via : Initial Calibration
 Integrator: ChemStation

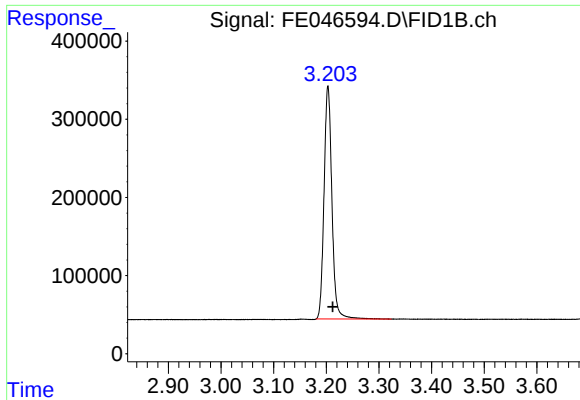
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.816	3235642	17.499 ug/ml
Spiked Amount 50.000		Recovery =	35.00%
12) S 1-chlorooctadecane (S...	13.258	2437386	17.131 ug/ml
Spiked Amount 50.000		Recovery =	34.26%
Target Compounds			
1) T n-Nonane (C9)	3.203	3103592	19.214 ug/ml
2) T n-Decane (C10)	4.454	3182314	19.418 ug/ml
3) T A~Naphthalene (C11.7)	6.158	3269726	19.121 ug/ml
4) T n-Dodecane (C12)	6.621	3197514	19.331 ug/ml
5) T A~2-methylnaphthalene...	7.255	3026662	18.977 ug/ml
6) T n-Tetradecane (C14)	8.448	3115091	19.007 ug/ml
7) T n-Hexadecane (C16)	10.057	3156932	18.475 ug/ml
8) T n-Octadecane (C18)	11.501	3137574	17.997 ug/ml
10) T n-Eicosane (C20)	12.811	2955930	17.410 ug/ml
11) T n-Heneicosane (C21)	13.424	2880717	17.272 ug/ml
13) T n-Docosane (C22)	14.011	2843751	17.165 ug/ml
14) T n-Tetracosane (C24)	15.116	2804668	16.998 ug/ml
15) T n-Hexacosane (C26)	16.138	2740461	16.979 ug/ml
16) T n-Octacosane (C28)	17.090	2703070	17.219 ug/ml
17) T n-Tricontane (C30)	17.979	2738100	17.481 ug/ml
18) T n-Dotriacontane (C32)	18.814	2686680	17.774 ug/ml
19) T n-Tetratriacontane (C34)	19.599	2550245	17.980 ug/ml
20) T n-Hexatriacontane (C36)	20.343	2483218	18.015 ug/ml
21) T n-Octatriacontane (C38)	21.068	2456266	19.160 ug/ml
22) T n-Tetracontane (C40)	21.957	2444133	19.547 ug/ml

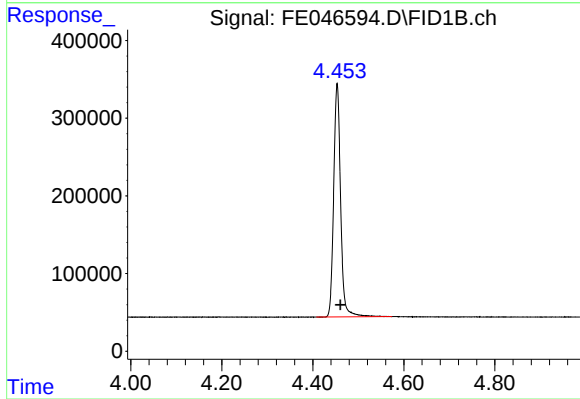
(f)=RT Delta > 1/2 Window

(m)=manual int.



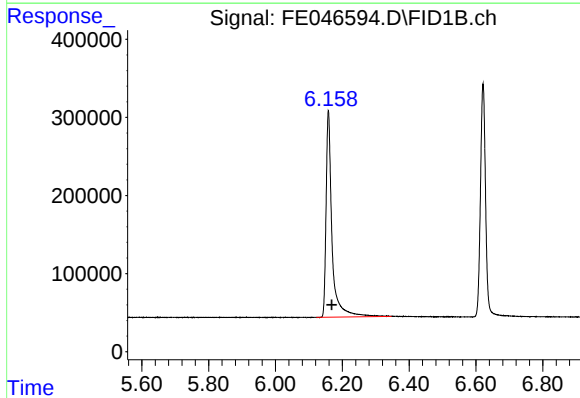
#1 n-Nonane (C9)

R.T.: 3.203 min
Delta R.T.: -0.009 min
Response: 3103592
Conc: 19.21 ug/ml



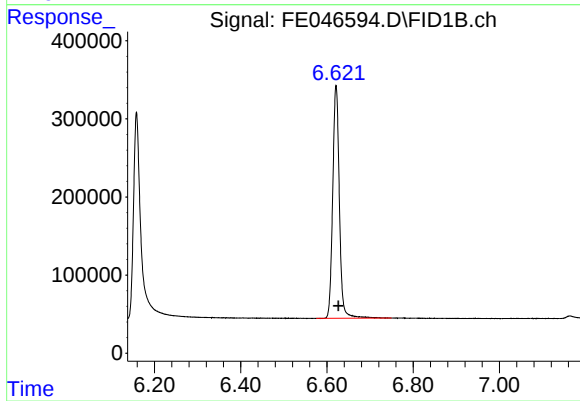
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: -0.007 min
Response: 3182314
Conc: 19.42 ug/ml



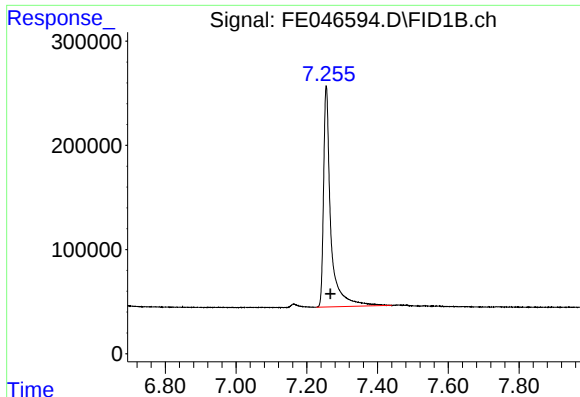
#3 A~Naphthalene (C11.7)

R.T.: 6.158 min
Delta R.T.: -0.010 min
Response: 3269726
Conc: 19.12 ug/ml



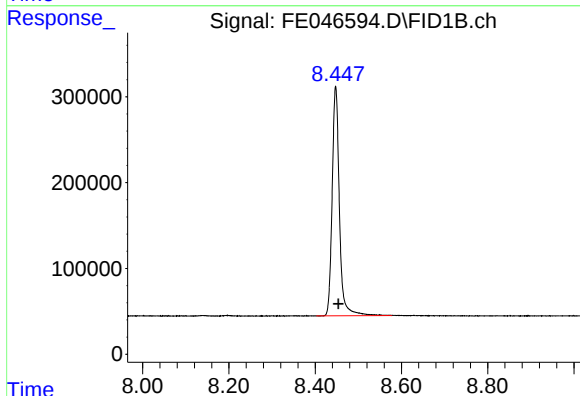
#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: -0.006 min
Response: 3197514
Conc: 19.33 ug/ml



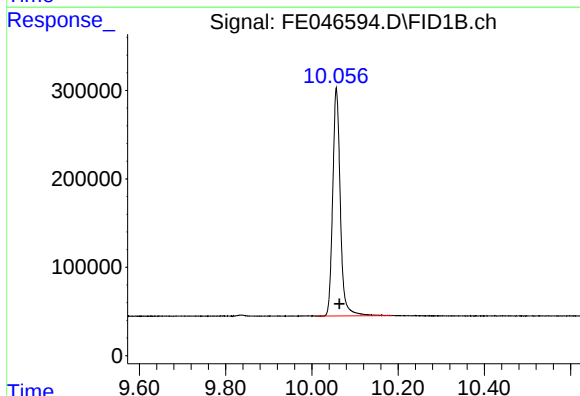
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: -0.012 min
Response: 3026662
Conc: 18.98 ug/ml



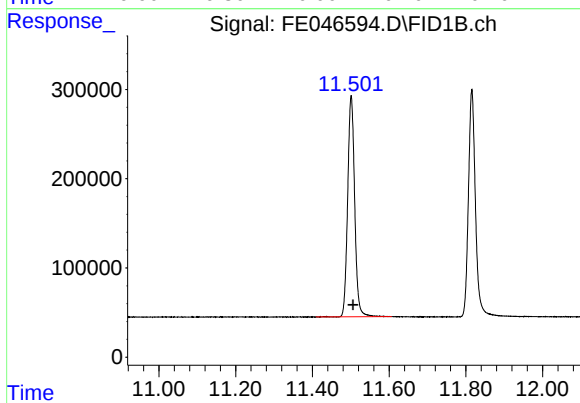
#6 n-Tetradecane (C14)

R.T.: 8.448 min
Delta R.T.: -0.006 min
Response: 3115091
Conc: 19.01 ug/ml



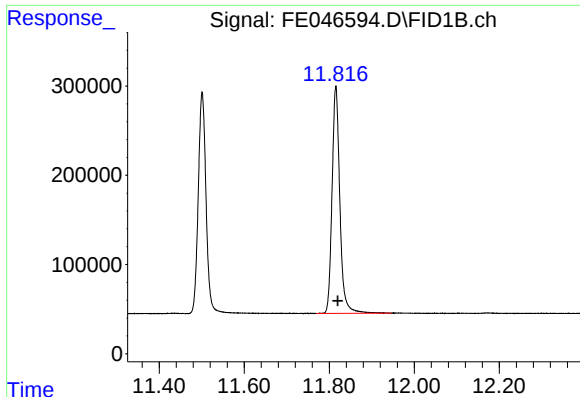
#7 n-Hexadecane (C16)

R.T.: 10.057 min
Delta R.T.: -0.007 min
Response: 3156932
Conc: 18.47 ug/ml



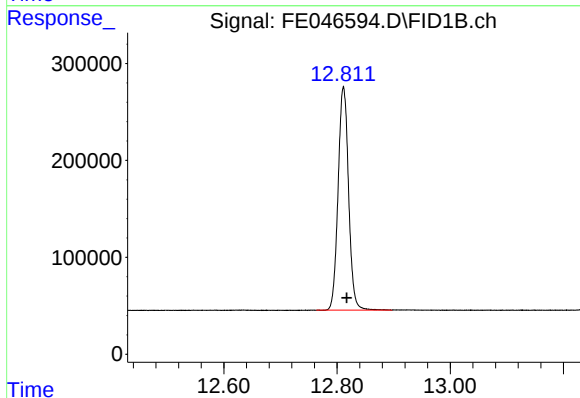
#8 n-Octadecane (C18)

R.T.: 11.501 min
Delta R.T.: -0.005 min
Response: 3137574
Conc: 18.00 ug/ml



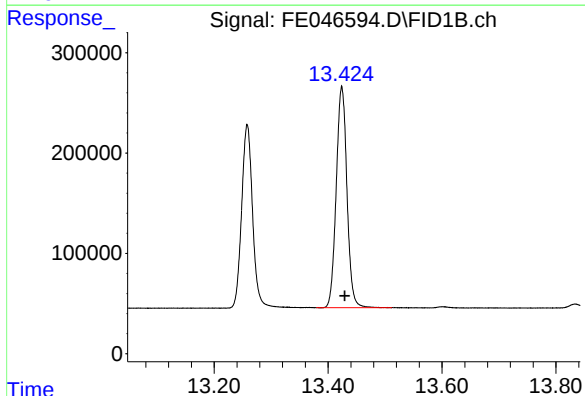
#9 ortho-Terphenyl (SURR)

R.T.: 11.816 min
Delta R.T.: -0.005 min
Response: 3235642
Conc: 17.50 ug/ml



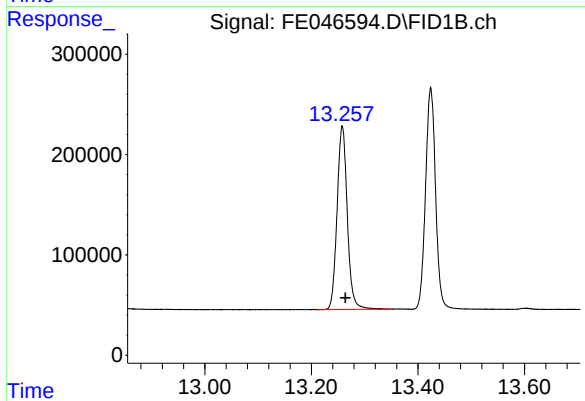
#10 n-Eicosane (C20)

R.T.: 12.811 min
Delta R.T.: -0.006 min
Response: 2955930
Conc: 17.41 ug/ml



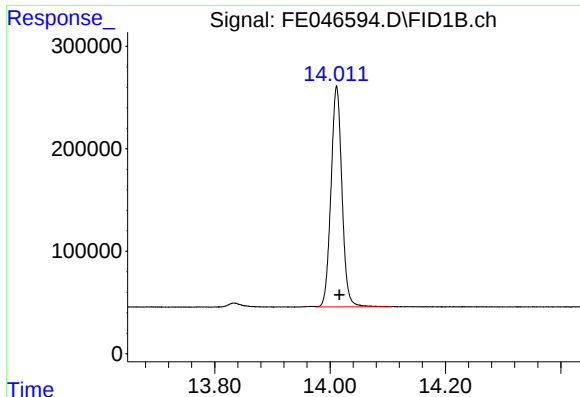
#11 n-Heneicosane (C21)

R.T.: 13.424 min
Delta R.T.: -0.005 min
Response: 2880717
Conc: 17.27 ug/ml



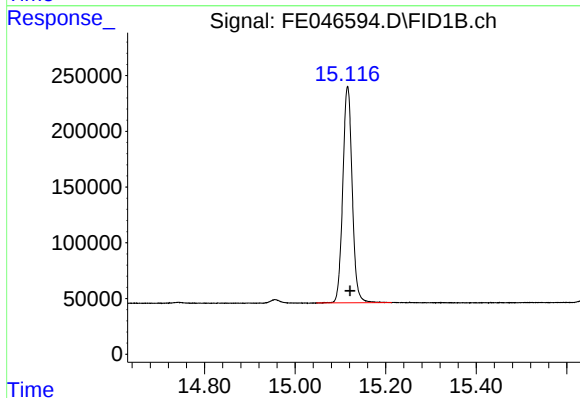
#12 1-chlorooctadecane (SURR)

R.T.: 13.258 min
Delta R.T.: -0.005 min
Response: 2437386
Conc: 17.13 ug/ml



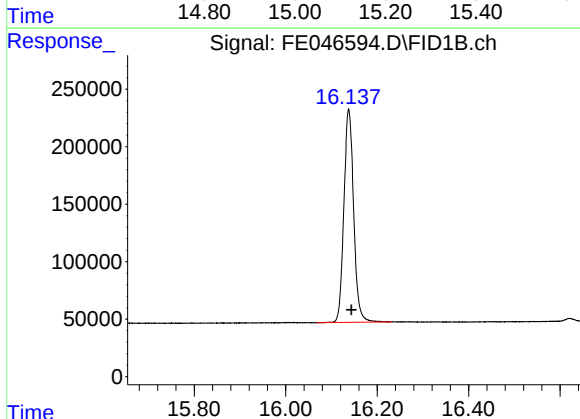
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.005 min
Response: 2843751
Conc: 17.17 ug/ml



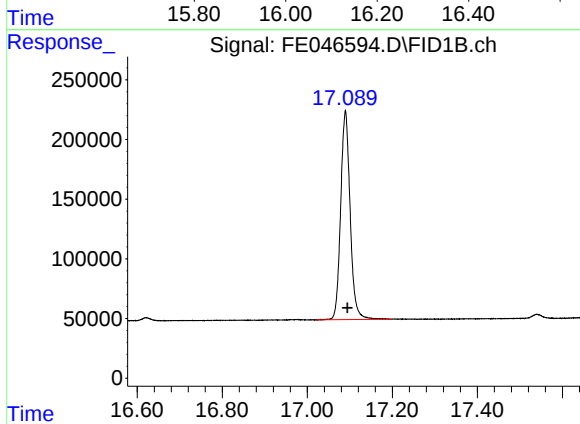
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: -0.005 min
Response: 2804668
Conc: 17.00 ug/ml



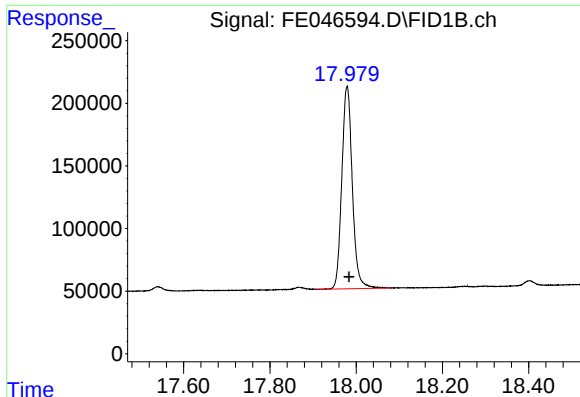
#15 n-Hexacosane (C26)

R.T.: 16.138 min
Delta R.T.: -0.006 min
Response: 2740461
Conc: 16.98 ug/ml



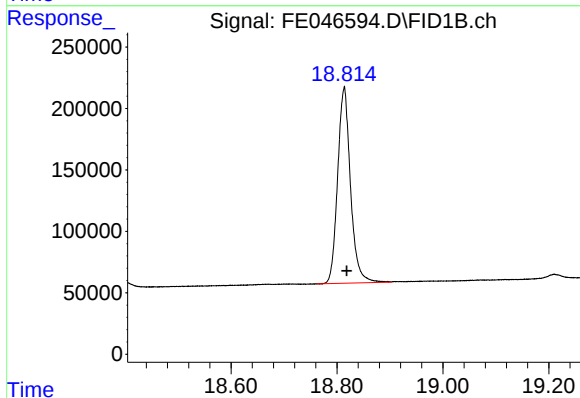
#16 n-Octacosane (C28)

R.T.: 17.090 min
Delta R.T.: -0.005 min
Response: 2703070
Conc: 17.22 ug/ml



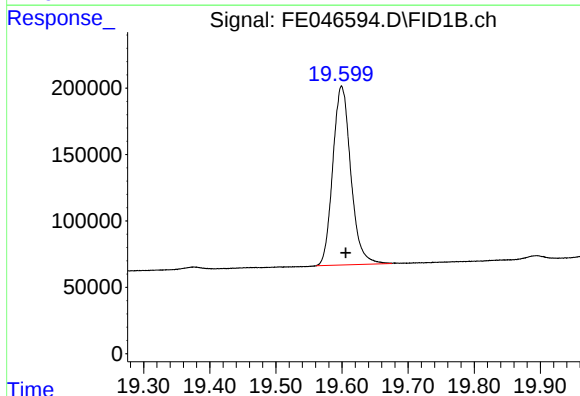
#17 n-Tricontane (C30)

R.T.: 17.979 min
Delta R.T.: -0.005 min
Response: 2738100
Conc: 17.48 ug/ml



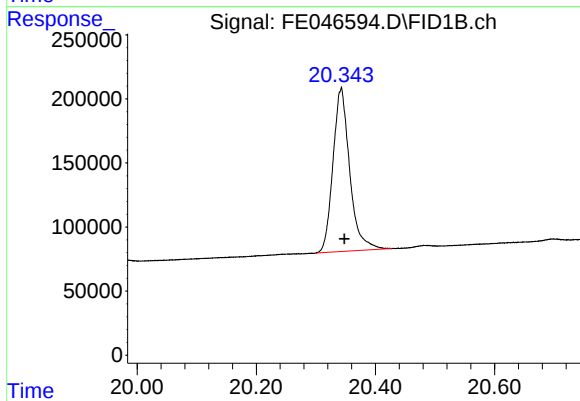
#18 n-Dotriacontane (C32)

R.T.: 18.814 min
Delta R.T.: -0.005 min
Response: 2686680
Conc: 17.77 ug/ml



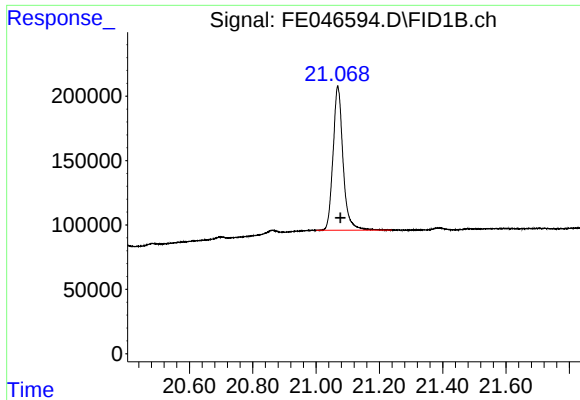
#19 n-Tetratriacontane (C34)

R.T.: 19.599 min
Delta R.T.: -0.007 min
Response: 2550245
Conc: 17.98 ug/ml



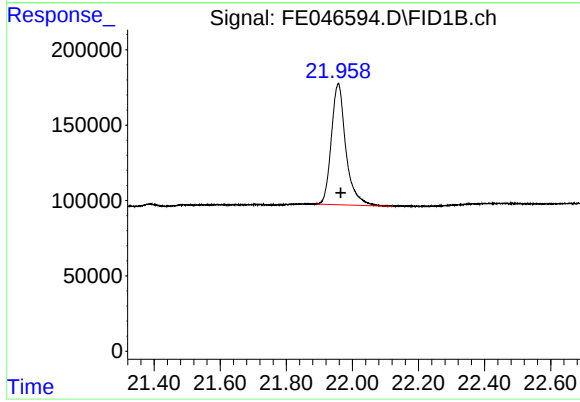
#20 n-Hexatriacontane (C36)

R.T.: 20.343 min
Delta R.T.: -0.005 min
Response: 2483218
Conc: 18.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.068 min
Delta R.T.: -0.008 min
Response: 2456266
Conc: 19.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.957 min
Delta R.T.: -0.007 min
Response: 2444133
Conc: 19.55 ug/ml