

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030424AL\
 Data File : FE047079.D
 Signal(s) : FID1B.ch
 Acq On : 04 Mar 2024 21:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 05 00:37:39 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

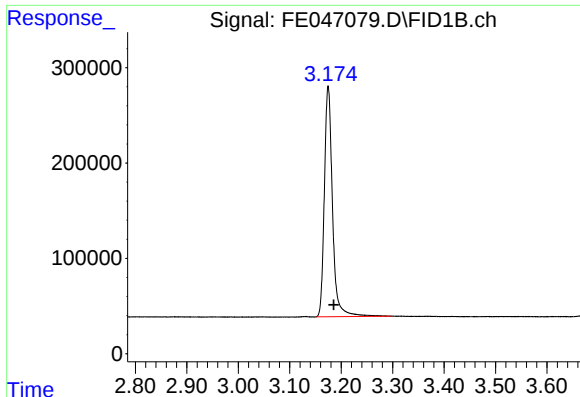
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.780	2963646	18.038 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
12) S 1-chlorooctadecane (S...	13.221	2254041	18.311 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
Target Compounds			
1) T n-Nonane (C9)	3.175	2661324	17.452 ug/ml
2) T n-Decane (C10)	4.426	2795735	18.051 ug/ml
3) T A~Naphthalene (C11.7)	6.133	2726949	17.314 ug/ml
4) T n-Dodecane (C12)	6.594	2818879	18.130 ug/ml
5) T A~2-methylnaphthalene...	7.230	2470337	17.227 ug/ml
6) T n-Tetradecane (C14)	8.419	2799871	18.157 ug/ml
7) T n-Hexadecane (C16)	10.026	2891870	18.226 ug/ml
8) T n-Octadecane (C18)	11.468	2924335	18.344 ug/ml
10) T n-Eicosane (C20)	12.776	2766256	18.275 ug/ml
11) T n-Heneicosane (C21)	13.388	2692921	18.185 ug/ml
13) T n-Docosane (C22)	13.975	2666231	18.325 ug/ml
14) T n-Tetracosane (C24)	15.076	2643977	18.513 ug/ml
15) T n-Hexacosane (C26)	16.097	2595242	18.572 ug/ml
16) T n-Octacosane (C28)	17.046	2411111	17.698 ug/ml
17) T n-Tricontane (C30)	17.935	2746838	19.688 ug/ml
18) T n-Dotriacontane (C32)	18.768	2762071	20.073 ug/ml
19) T n-Tetratriacontane (C34)	19.552	2686419	19.998 ug/ml
20) T n-Hexatriacontane (C36)	20.293	2622466	19.694 ug/ml
21) T n-Octatriacontane (C38)	21.011	2659810	19.304 ug/ml
22) T n-Tetracontane (C40)	21.879	2725353	19.316 ug/ml

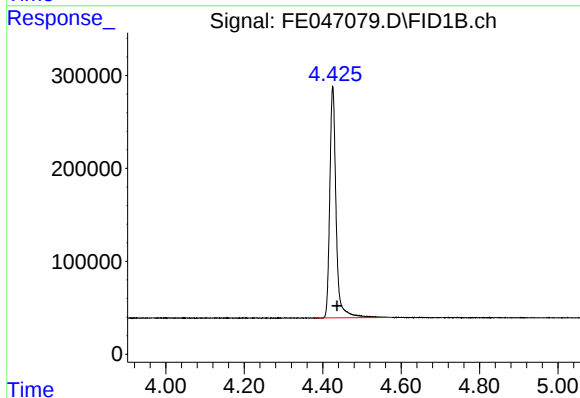
(f)=RT Delta > 1/2 Window

(m)=manual int.



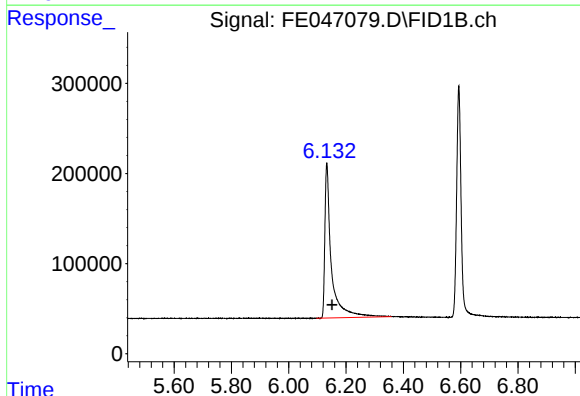
#1 n-Nonane (C9)

R.T.: 3.175 min
Delta R.T.: -0.011 min
Response: 2661324
Conc: 17.45 ug/ml



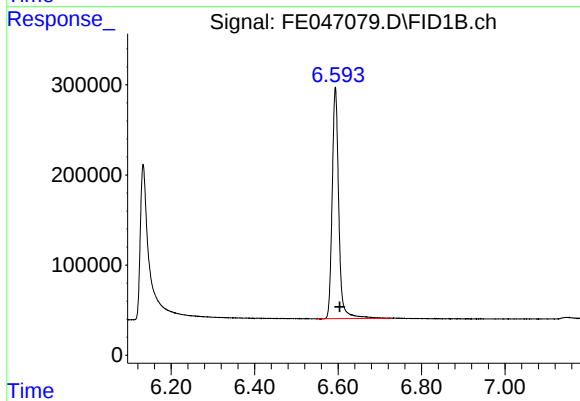
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.011 min
Response: 2795735
Conc: 18.05 ug/ml



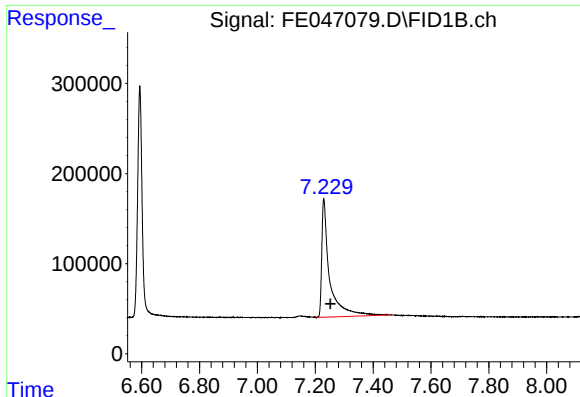
#3 A~Naphthalene (C11.7)

R.T.: 6.133 min
Delta R.T.: -0.018 min
Response: 2726949
Conc: 17.31 ug/ml



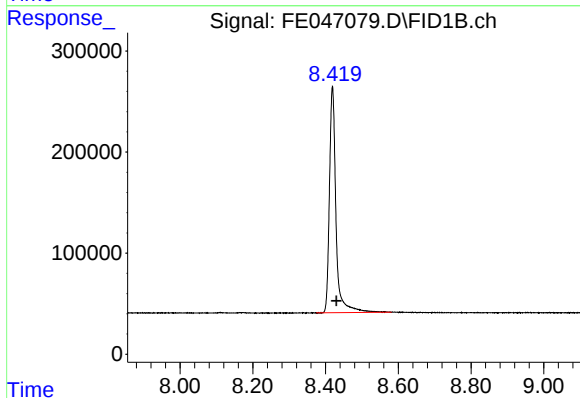
#4 n-Dodecane (C12)

R.T.: 6.594 min
Delta R.T.: -0.010 min
Response: 2818879
Conc: 18.13 ug/ml



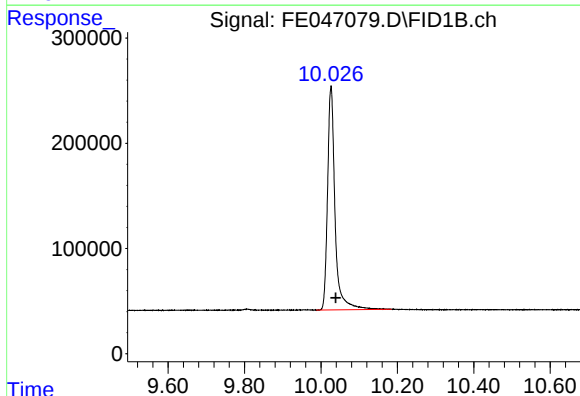
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.230 min
Delta R.T.: -0.023 min
Response: 2470337
Conc: 17.23 ug/ml



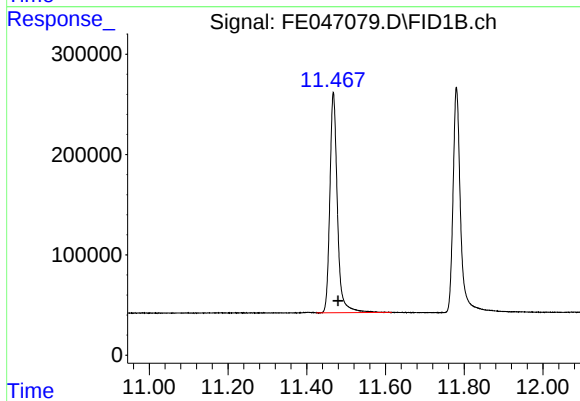
#6 n-Tetradecane (C14)

R.T.: 8.419 min
Delta R.T.: -0.011 min
Response: 2799871
Conc: 18.16 ug/ml



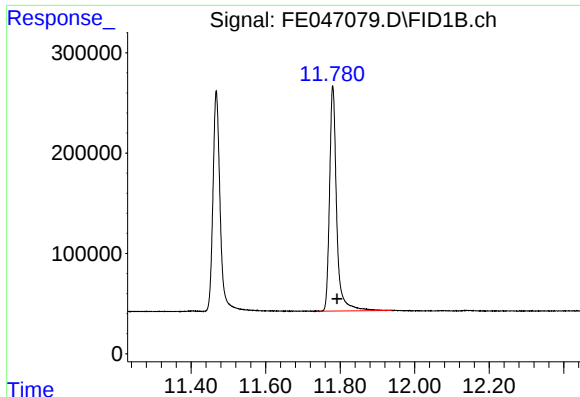
#7 n-Hexadecane (C16)

R.T.: 10.026 min
Delta R.T.: -0.012 min
Response: 2891870
Conc: 18.23 ug/ml



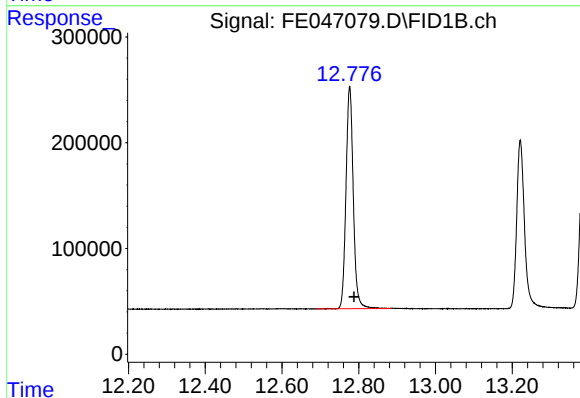
#8 n-Octadecane (C18)

R.T.: 11.468 min
Delta R.T.: -0.012 min
Response: 2924335
Conc: 18.34 ug/ml



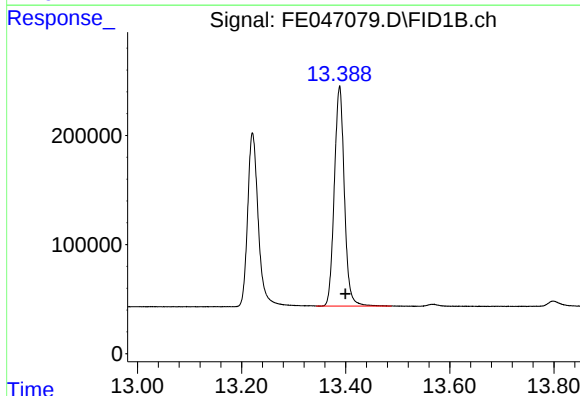
#9 ortho-Terphenyl (SURR)

R.T.: 11.780 min
Delta R.T.: -0.012 min
Response: 2963646
Conc: 18.04 ug/ml



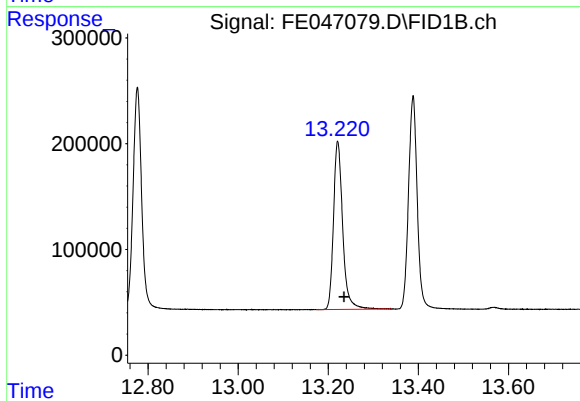
#10 n-Eicosane (C20)

R.T.: 12.776 min
Delta R.T.: -0.011 min
Response: 2766256
Conc: 18.28 ug/ml



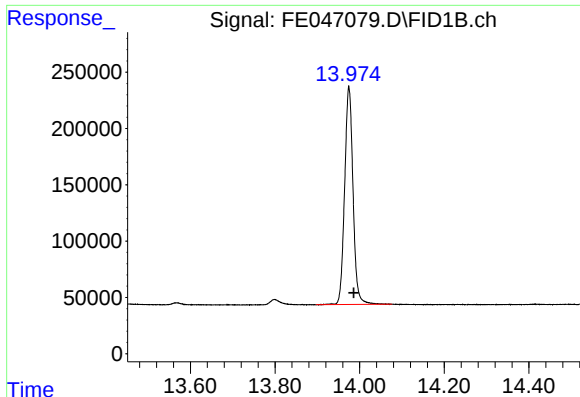
#11 n-Heneicosane (C21)

R.T.: 13.388 min
Delta R.T.: -0.011 min
Response: 2692921
Conc: 18.19 ug/ml



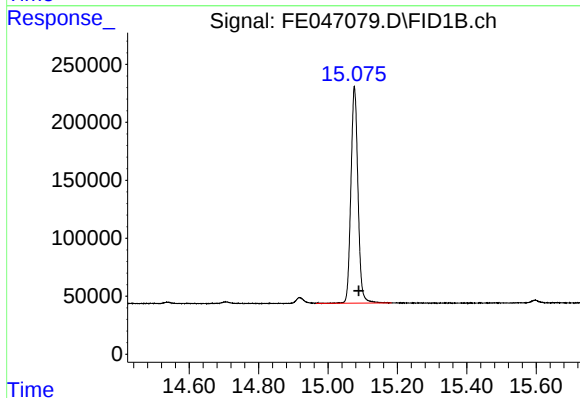
#12 1-chlorooctadecane (SURR)

R.T.: 13.221 min
Delta R.T.: -0.014 min
Response: 2254041
Conc: 18.31 ug/ml



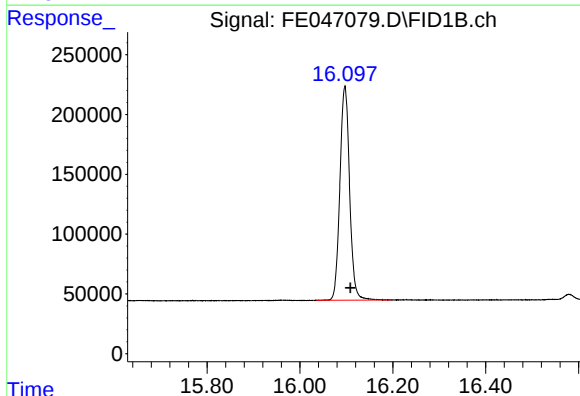
#13 n-Docosane (C22)

R.T.: 13.975 min
Delta R.T.: -0.011 min
Response: 2666231
Conc: 18.33 ug/ml



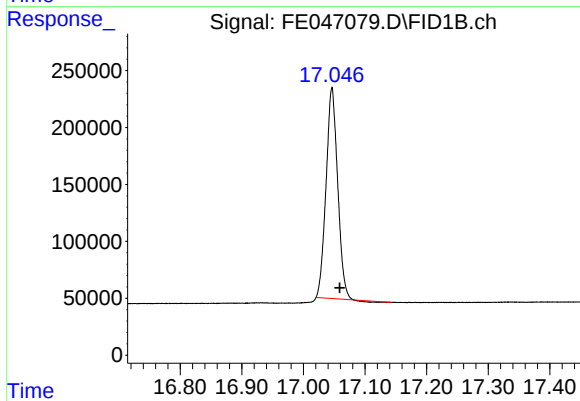
#14 n-Tetracosane (C24)

R.T.: 15.076 min
Delta R.T.: -0.013 min
Response: 2643977
Conc: 18.51 ug/ml



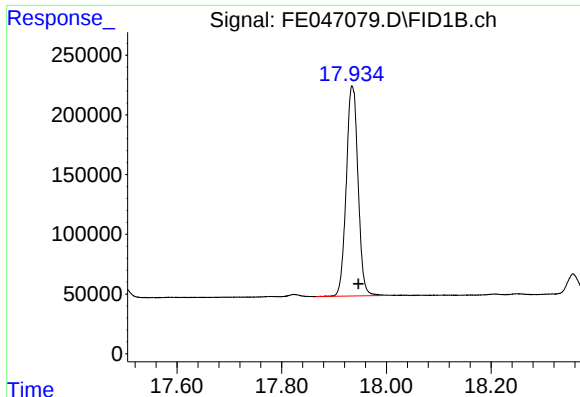
#15 n-Hexacosane (C26)

R.T.: 16.097 min
Delta R.T.: -0.012 min
Response: 2595242
Conc: 18.57 ug/ml



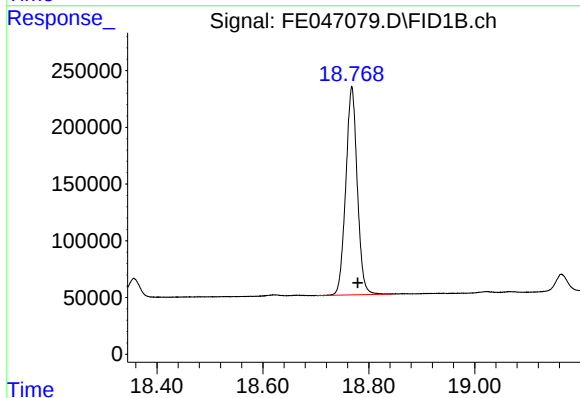
#16 n-Octacosane (C28)

R.T.: 17.046 min
Delta R.T.: -0.013 min
Response: 2411111
Conc: 17.70 ug/ml



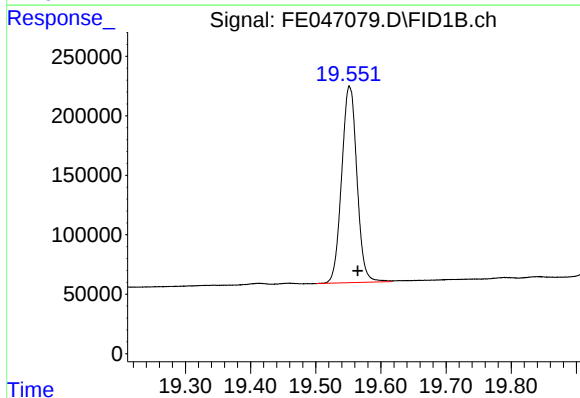
#17 n-Tricontane (C30)

R.T.: 17.935 min
Delta R.T.: -0.012 min
Response: 2746838
Conc: 19.69 ug/ml



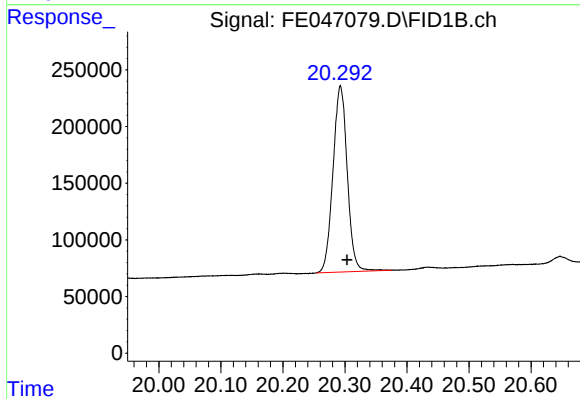
#18 n-Dotriacontane (C32)

R.T.: 18.768 min
Delta R.T.: -0.011 min
Response: 2762071
Conc: 20.07 ug/ml



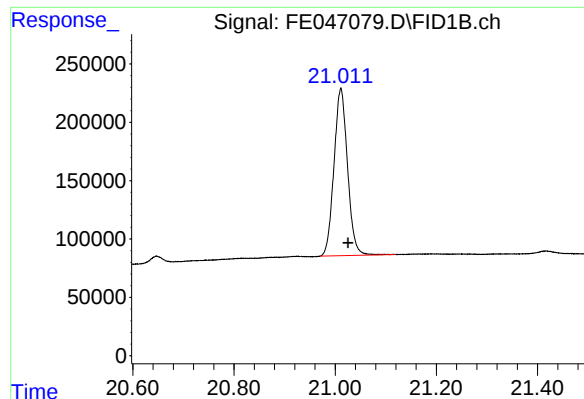
#19 n-Tetratriacontane (C34)

R.T.: 19.552 min
Delta R.T.: -0.013 min
Response: 2686419
Conc: 20.00 ug/ml



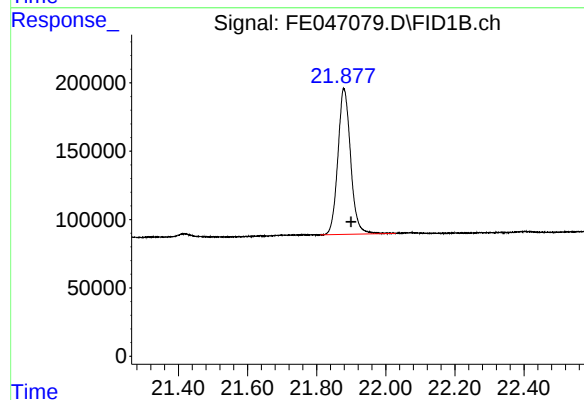
#20 n-Hexatriacontane (C36)

R.T.: 20.293 min
Delta R.T.: -0.011 min
Response: 2622466
Conc: 19.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.011 min
Delta R.T.: -0.014 min
Response: 2659810
Conc: 19.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.879 min
Delta R.T.: -0.021 min
Response: 2725353
Conc: 19.32 ug/ml