

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012424AL\
 Data File : FE046381.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2024 17:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 02:01:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 2023
 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)	11.821	4074065	22.419 ug/ml
Spiked Amount 50.000		Recovery =	44.84%
12) S 1-chlorooctadecane (S...	13.263	3000034	22.454 ug/ml
Spiked Amount 50.000		Recovery =	44.91%
Target Compounds			
1) T n-Nonane (C9)	3.211	3236867	21.150 ug/ml
2) T n-Decane (C10)	4.461	3344700	21.551 ug/ml
3) T A~Naphthalene (C11.7)	6.164	3490373	20.988 ug/ml
4) T n-Dodecane (C12)	6.628	3375971	21.622 ug/ml
5) T A~2-methylnaphthalene...	7.261	3385783	21.266 ug/ml
6) T n-Tetradecane (C14)	8.453	3342907	21.460 ug/ml
7) T n-Hexadecane (C16)	10.062	3428346	21.649 ug/ml
8) T n-Octadecane (C18)	11.506	3469170	22.042 ug/ml
10) T n-Eicosane (C20)	12.817	3360792	22.216 ug/ml
11) T n-Heneicosane (C21)	13.429	3304523	22.472 ug/ml
13) T n-Docosane (C22)	14.015	3285612	22.478 ug/ml
14) T n-Tetracosane (C24)	15.120	3267930	22.532 ug/ml
15) T n-Hexacosane (C26)	16.143	3184104	22.209 ug/ml
16) T n-Octacosane (C28)	17.094	3126912	21.803 ug/ml
17) T n-Tricontane (C30)	17.983	3293801	22.160 ug/ml
18) T n-Dotriacontane (C32)	18.819	3261898	21.810 ug/ml
19) T n-Tetratriacontane (C34)	19.604	3162072	22.073 ug/ml
20) T n-Hexatriacontane (C36)	20.346	1910167	13.101 ug/ml
21) T n-Octatriacontane (C38)	21.076	2954273	20.035 ug/ml
22) T n-Tetracontane (C40)	21.964	3361652	21.477 ug/ml

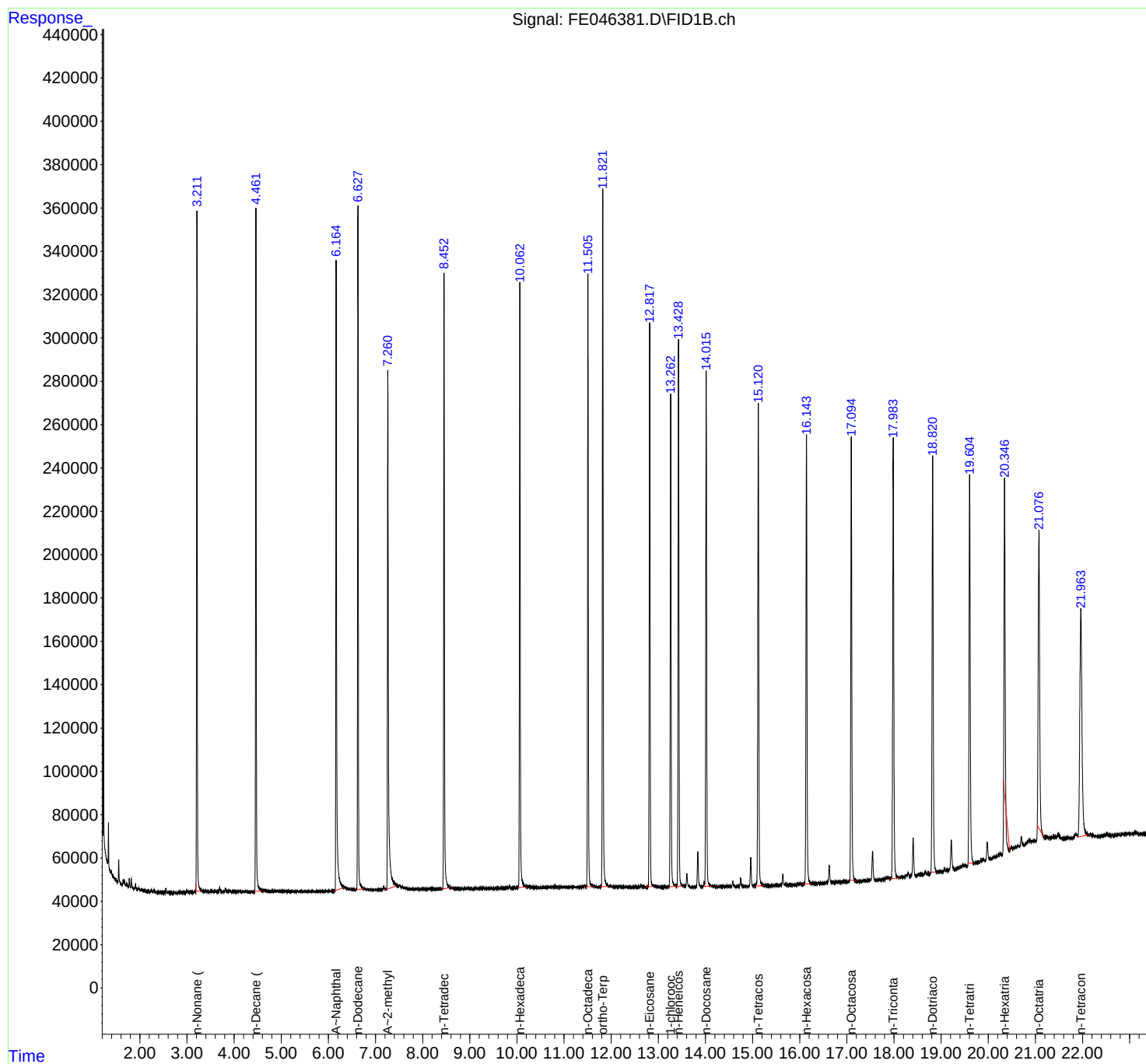
(f)=RT Delta > 1/2 Window

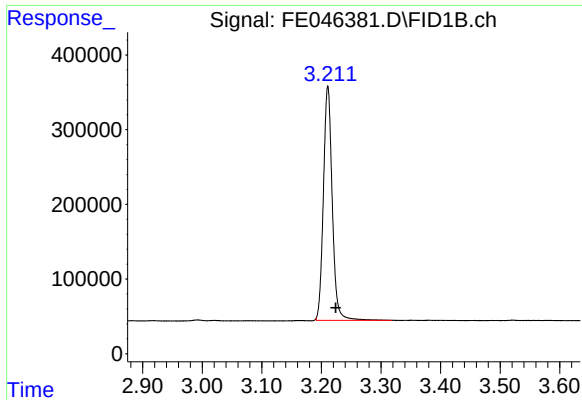
(m)=manual int.

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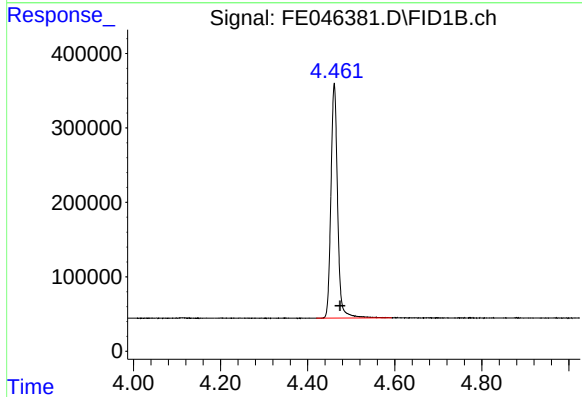
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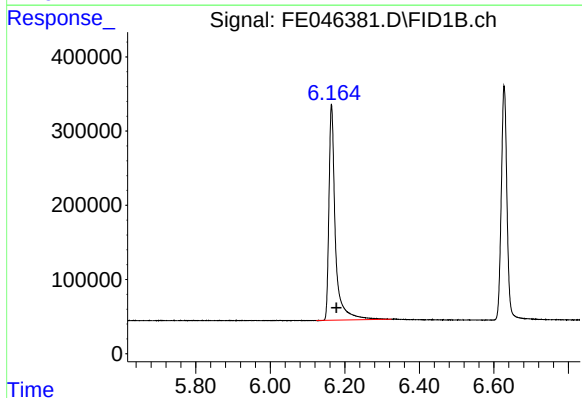
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: -0.013 min
Response: 3236867
Conc: 21.15 ug/ml



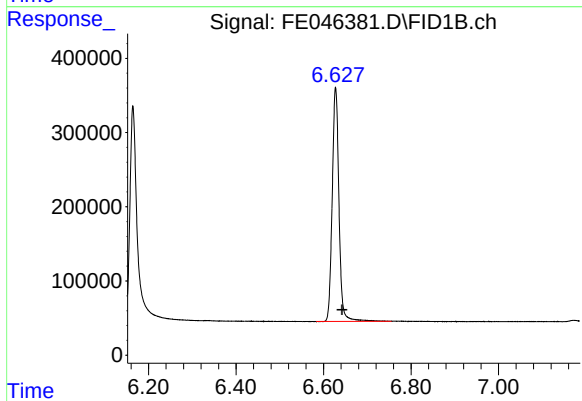
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: -0.013 min
Response: 3344700
Conc: 21.55 ug/ml



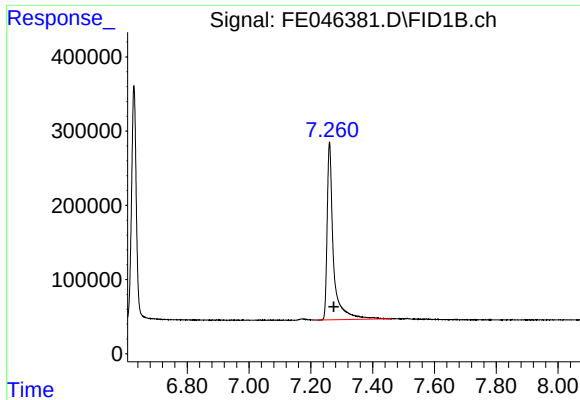
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.013 min
Response: 3490373
Conc: 20.99 ug/ml



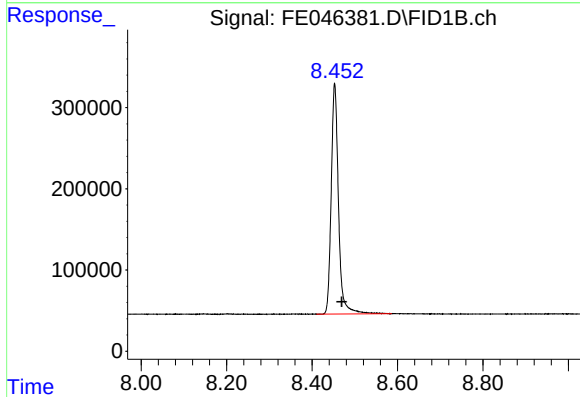
#4 n-Dodecane (C12)

R.T.: 6.628 min
Delta R.T.: -0.015 min
Response: 3375971
Conc: 21.62 ug/ml



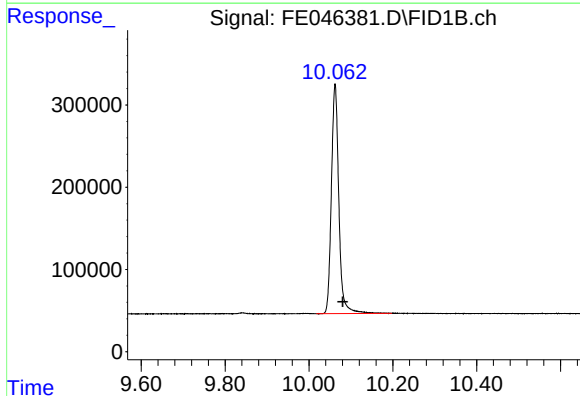
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.013 min
Response: 3385783
Conc: 21.27 ug/ml



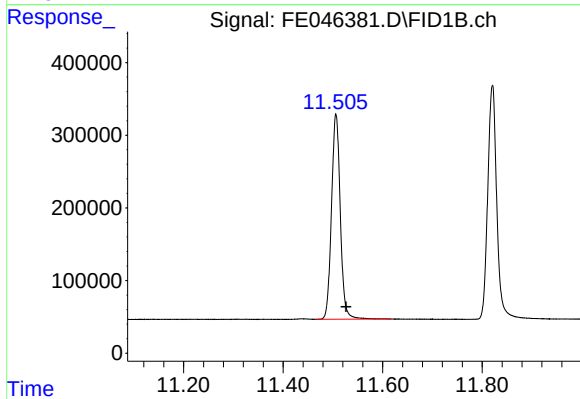
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.017 min
Response: 3342907
Conc: 21.46 ug/ml



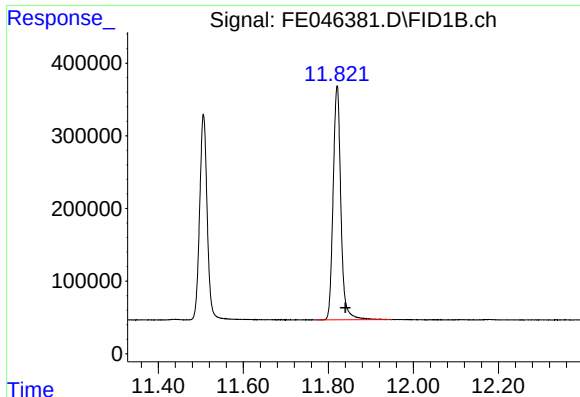
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.018 min
Response: 3428346
Conc: 21.65 ug/ml



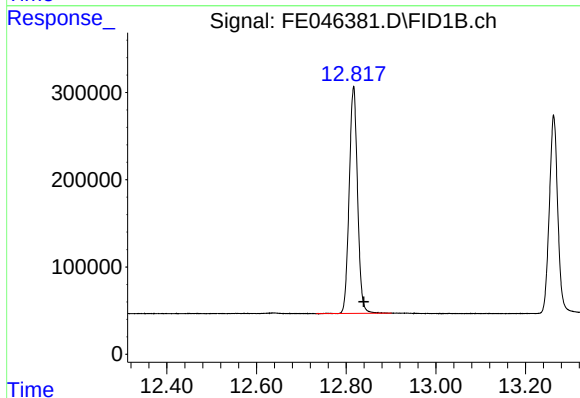
#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: -0.021 min
Response: 3469170
Conc: 22.04 ug/ml



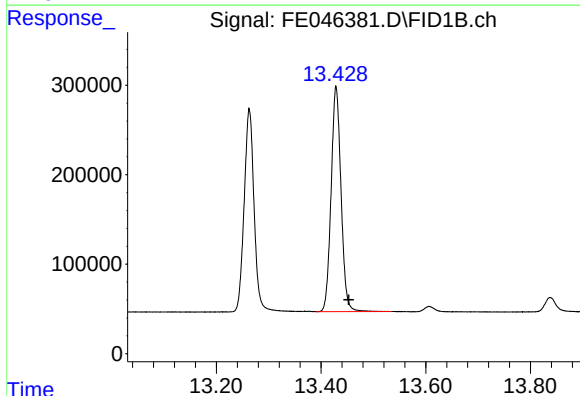
#9 ortho-Terphenyl (SURR)

R.T.: 11.821 min
Delta R.T.: -0.020 min
Response: 4074065
Conc: 22.42 ug/ml



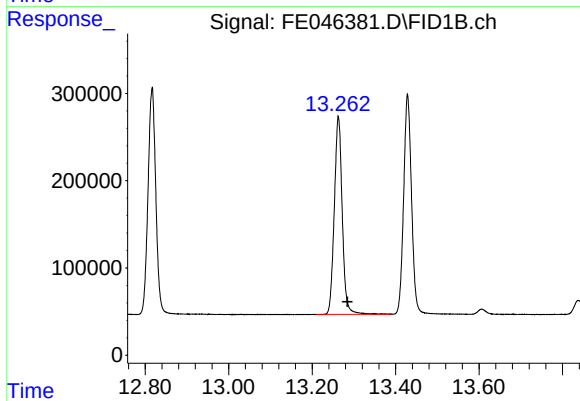
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: -0.022 min
Response: 3360792
Conc: 22.22 ug/ml



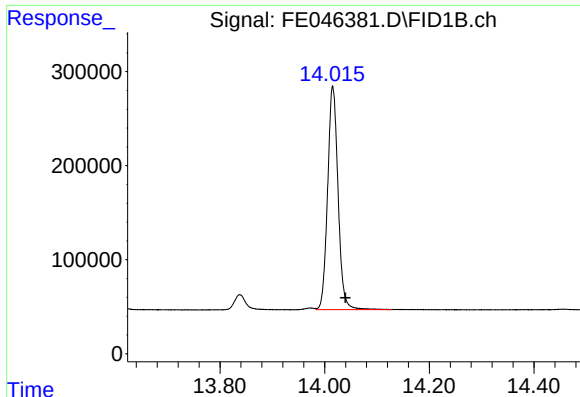
#11 n-Heneicosane (C21)

R.T.: 13.429 min
Delta R.T.: -0.024 min
Response: 3304523
Conc: 22.47 ug/ml



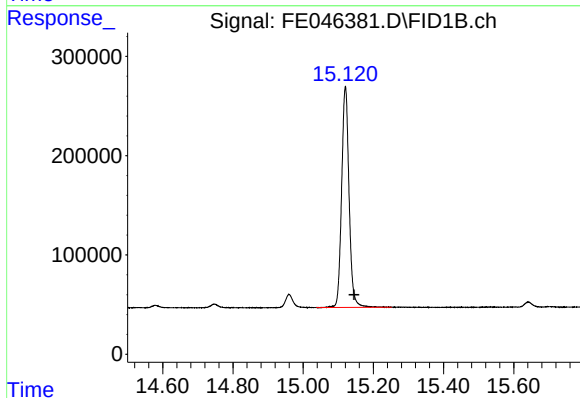
#12 1-chlorooctadecane (SURR)

R.T.: 13.263 min
Delta R.T.: -0.021 min
Response: 3000034
Conc: 22.45 ug/ml



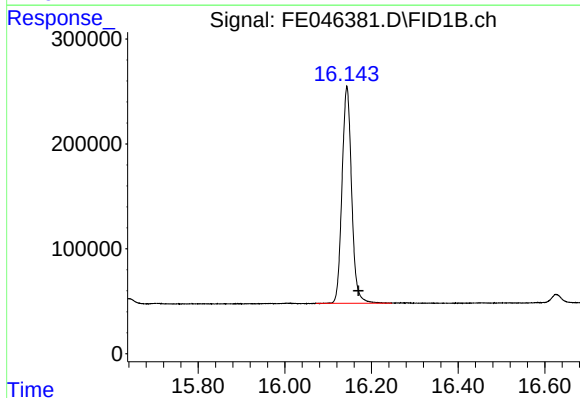
#13 n-Docosane (C22)

R.T.: 14.015 min
Delta R.T.: -0.024 min
Response: 3285612
Conc: 22.48 ug/ml



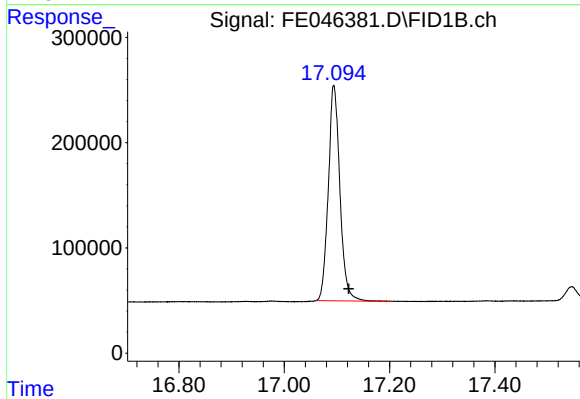
#14 n-Tetracosane (C24)

R.T.: 15.120 min
Delta R.T.: -0.025 min
Response: 3267930
Conc: 22.53 ug/ml



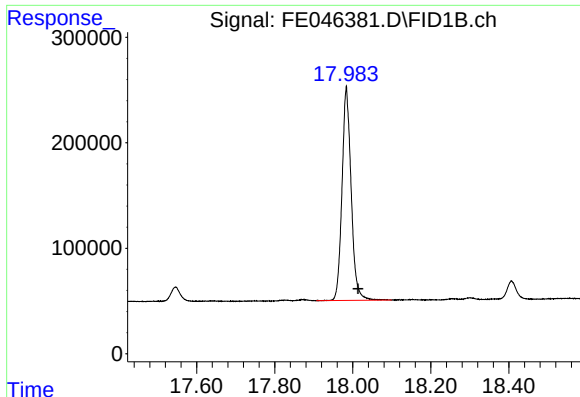
#15 n-Hexacosane (C26)

R.T.: 16.143 min
Delta R.T.: -0.026 min
Response: 3184104
Conc: 22.21 ug/ml



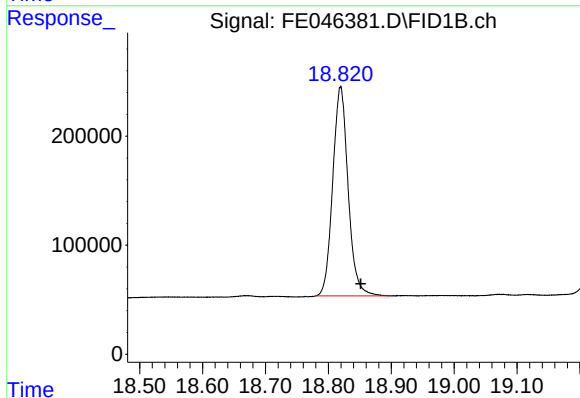
#16 n-Octacosane (C28)

R.T.: 17.094 min
Delta R.T.: -0.029 min
Response: 3126912
Conc: 21.80 ug/ml



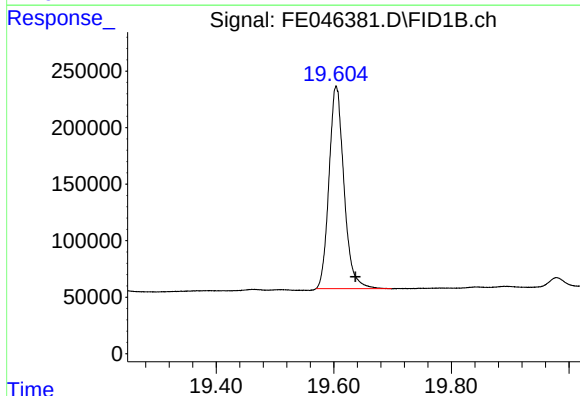
#17 n-Tricontane (C30)

R.T.: 17.983 min
Delta R.T.: -0.030 min
Response: 3293801
Conc: 22.16 ug/ml



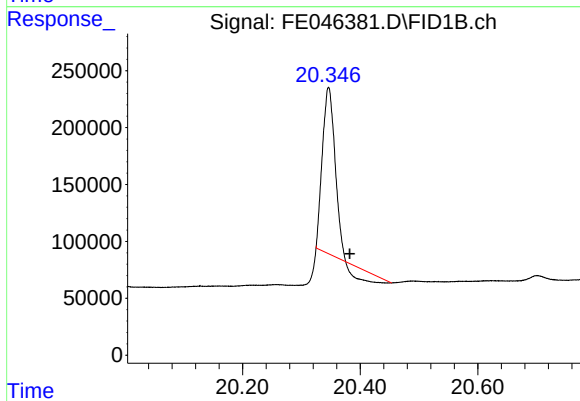
#18 n-Dotriacontane (C32)

R.T.: 18.819 min
Delta R.T.: -0.032 min
Response: 3261898
Conc: 21.81 ug/ml



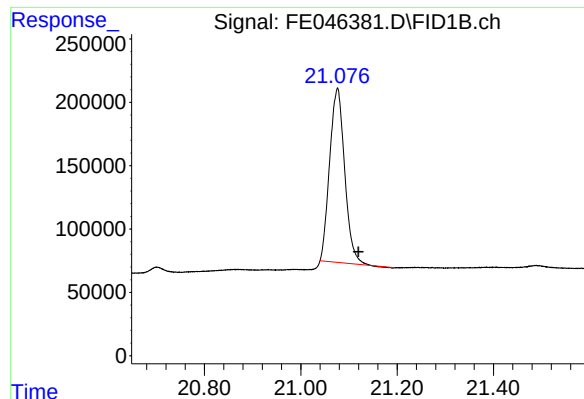
#19 n-Tetratriacontane (C34)

R.T.: 19.604 min
Delta R.T.: -0.033 min
Response: 3162072
Conc: 22.07 ug/ml



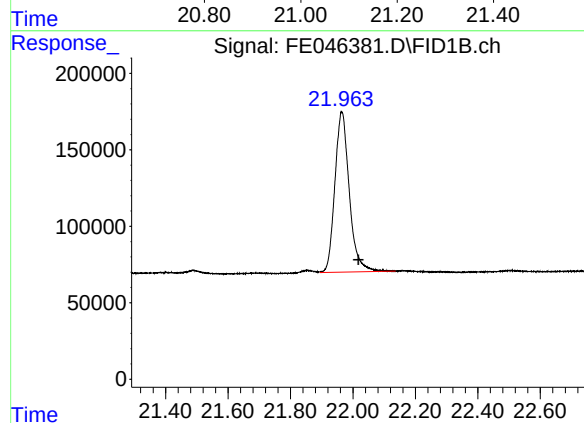
#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: -0.036 min
Response: 1910167
Conc: 13.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: -0.043 min
Response: 2954273
Conc: 20.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.054 min
Response: 3361652
Conc: 21.48 ug/ml