

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102323AL\
 Data File : FE044982.D
 Signal(s) : FID1B.ch
 Acq On : 23 Oct 2023 12:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 00:55:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.898	4068834	20.297 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
12) S 1-chlorooctadecane (S...	13.339	2896246	19.571 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
Target Compounds			
1) T n-Nonane (C9)	3.284	3398542	20.259 ug/ml
2) T n-Decane (C10)	4.535	3489151	20.482 ug/ml
3) T A~Naphthalene (C11.7)	6.235	3724840	20.121 ug/ml
4) T n-Dodecane (C12)	6.701	3525689	20.425 ug/ml
5) T A~2-methylnaphthalene...	7.331	3595703	19.933 ug/ml
6) T n-Tetradecane (C14)	8.528	3494536	20.379 ug/ml
7) T n-Hexadecane (C16)	10.137	3545452	20.275 ug/ml
8) T n-Octadecane (C18)	11.583	3547973	20.342 ug/ml
10) T n-Eicosane (C20)	12.895	3390166	20.297 ug/ml
11) T n-Heneicosane (C21)	13.509	3271789	20.071 ug/ml
13) T n-Docosane (C22)	14.095	3293152	20.588 ug/ml
14) T n-Tetracosane (C24)	15.199	3333670	21.480 ug/ml
15) T n-Hexacosane (C26)	16.222	3365850	22.419 ug/ml
16) T n-Octacosane (C28)	17.173	3472857	23.650 ug/ml
17) T n-Tricontane (C30)	18.063	3632424	24.423 ug/ml
18) T n-Dotriacontane (C32)	18.897	3689911	24.584 ug/ml
19) T n-Tetratriacontane (C34)	19.682	3461084	23.250 ug/ml
20) T n-Hexatriacontane (C36)	20.422	3421524	22.255 ug/mlm
21) T n-Octatriacontane (C38)	21.161	3368054	21.561 ug/mlm
22) T n-Tetracontane (C40)	22.078	3336684	19.966 ug/ml

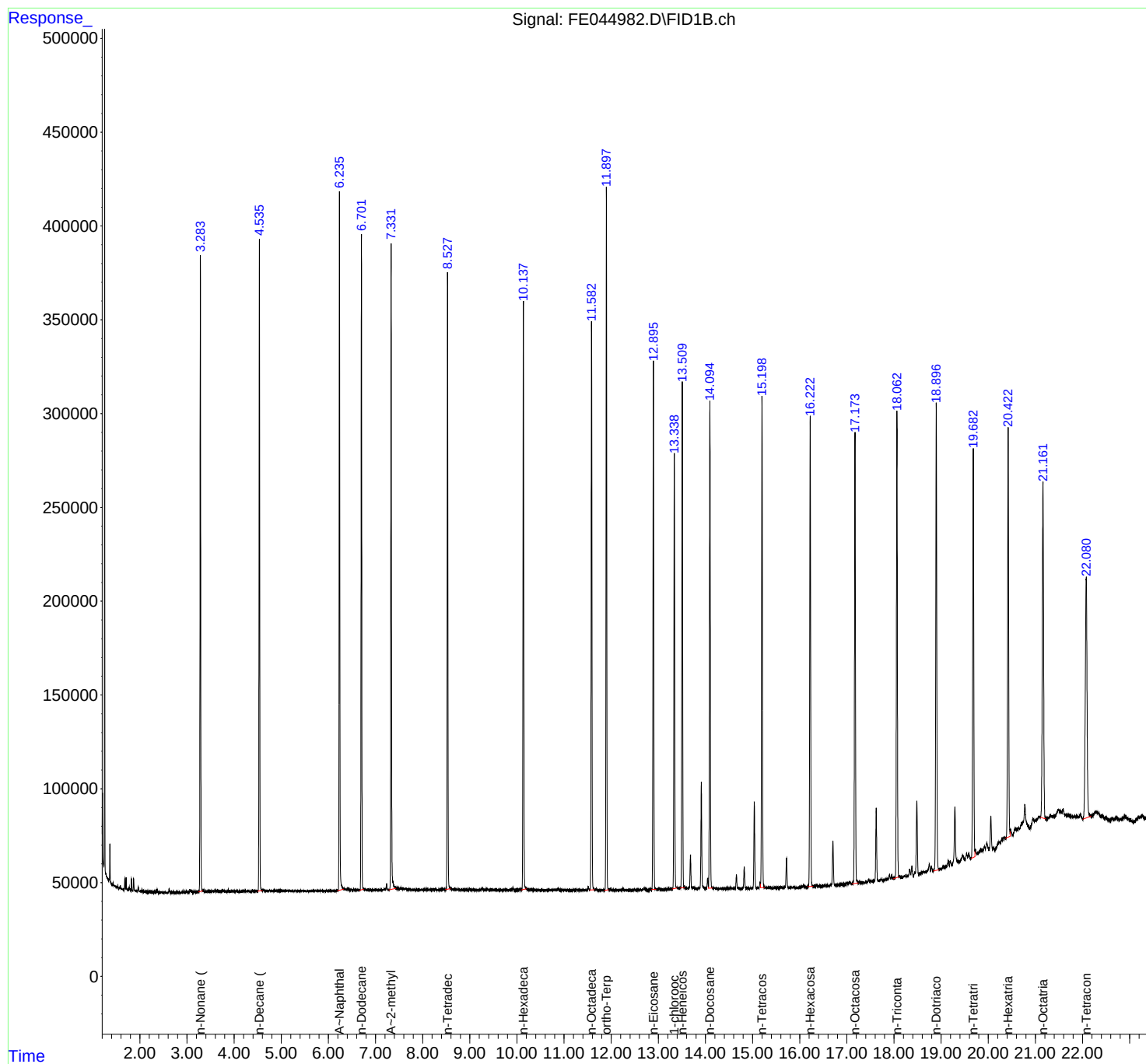
(f)=RT Delta > 1/2 Window

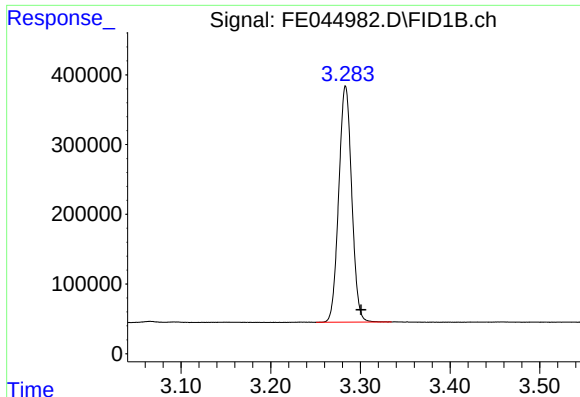
(m)=manual int.

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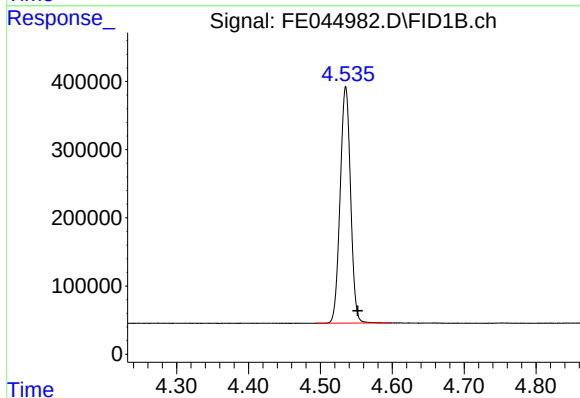
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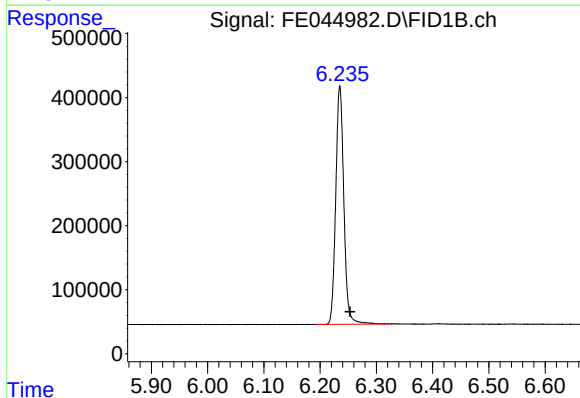
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.017 min
Response: 3398542
Conc: 20.26 ug/ml



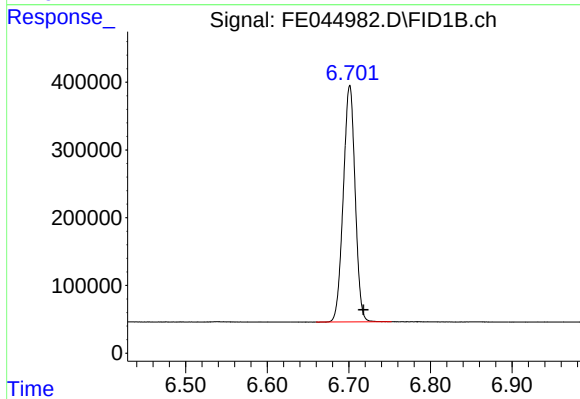
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.017 min
Response: 3489151
Conc: 20.48 ug/ml



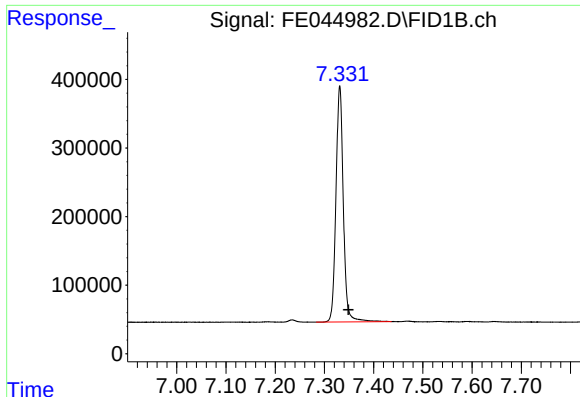
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.018 min
Response: 3724840
Conc: 20.12 ug/ml



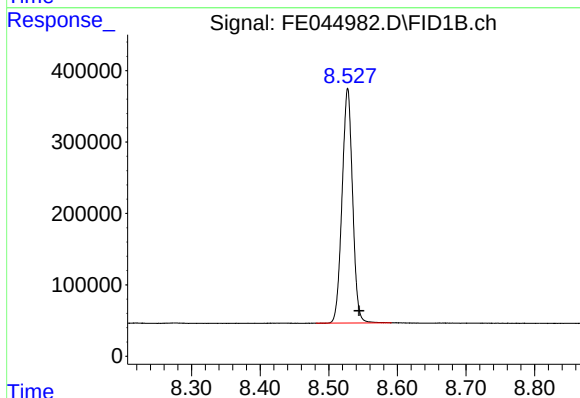
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.017 min
Response: 3525689
Conc: 20.42 ug/ml



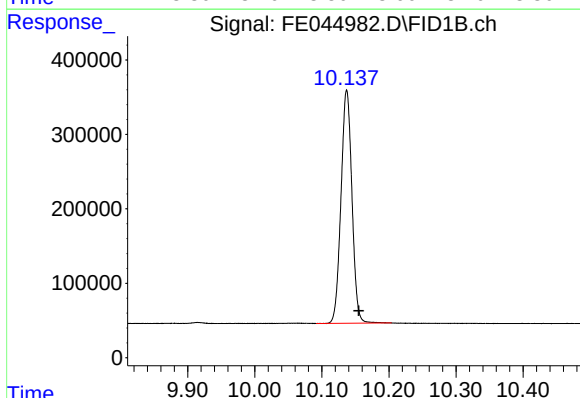
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.331 min
Delta R.T.: -0.018 min
Response: 3595703
Conc: 19.93 ug/ml



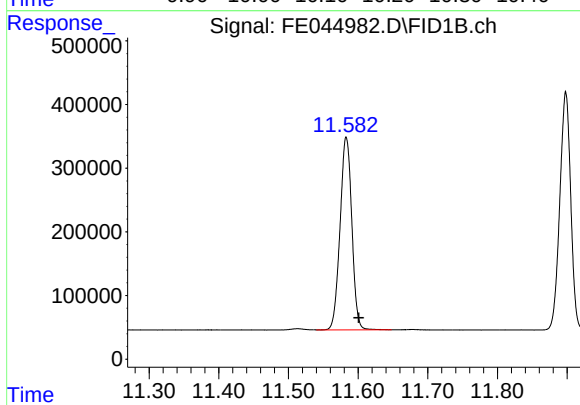
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.017 min
Response: 3494536
Conc: 20.38 ug/ml



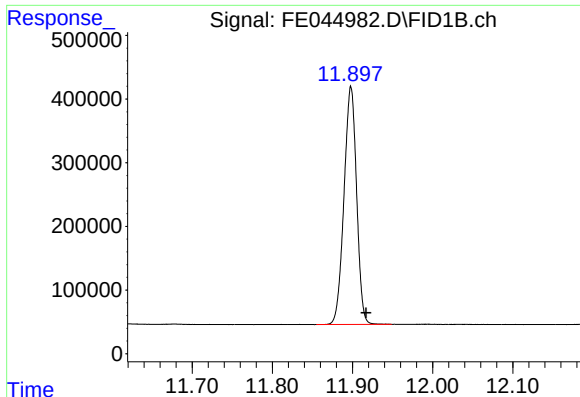
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: -0.018 min
Response: 3545452
Conc: 20.27 ug/ml



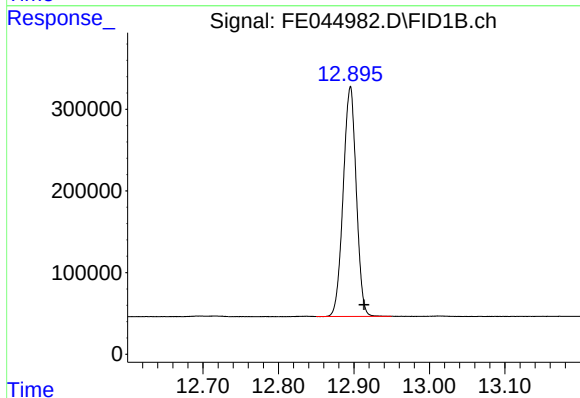
#8 n-Octadecane (C18)

R.T.: 11.583 min
Delta R.T.: -0.018 min
Response: 3547973
Conc: 20.34 ug/ml



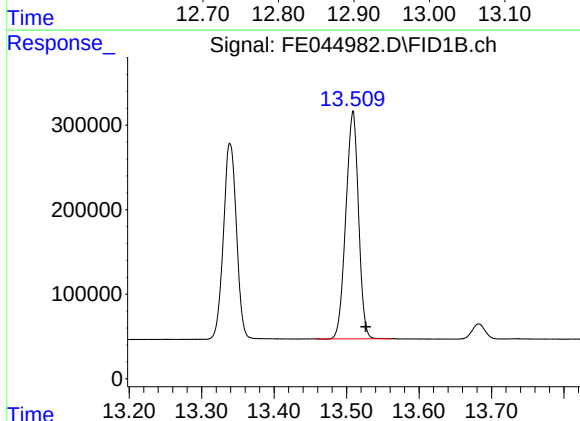
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: -0.019 min
Response: 4068834
Conc: 20.30 ug/ml



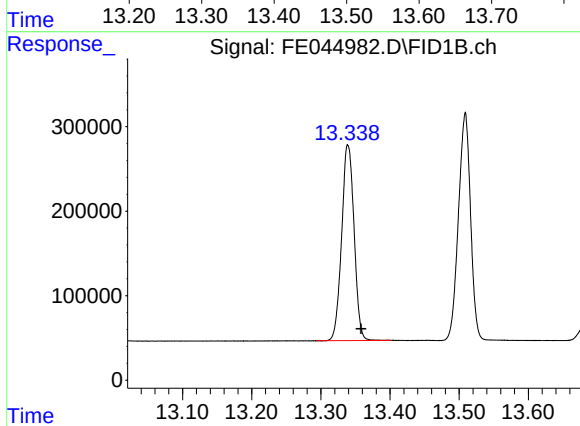
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.018 min
Response: 3390166
Conc: 20.30 ug/ml



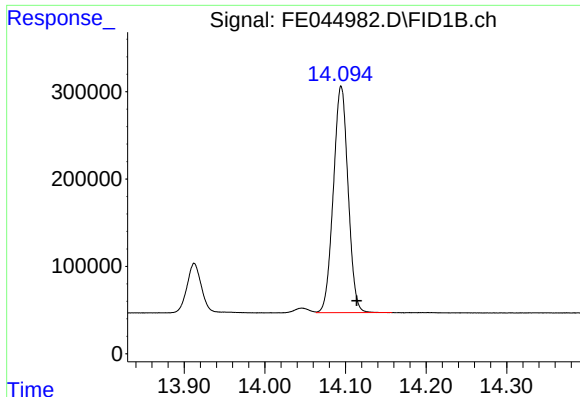
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.018 min
Response: 3271789
Conc: 20.07 ug/ml



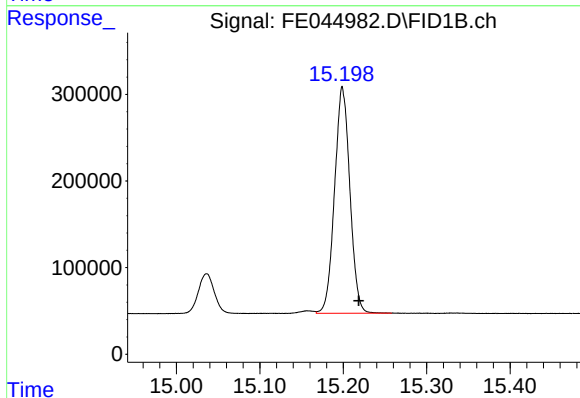
#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min
Delta R.T.: -0.019 min
Response: 2896246
Conc: 19.57 ug/ml



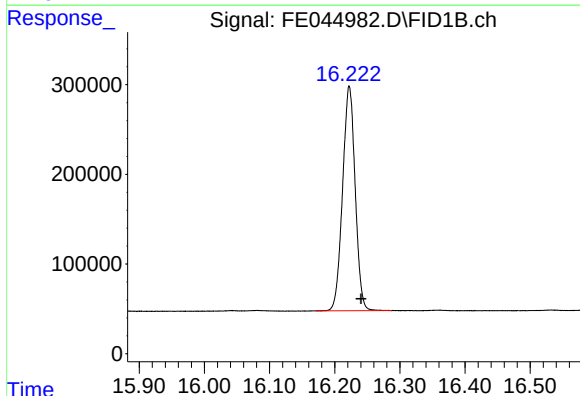
#13 n-Docosane (C22)

R.T.: 14.095 min
Delta R.T.: -0.019 min
Response: 3293152
Conc: 20.59 ug/ml



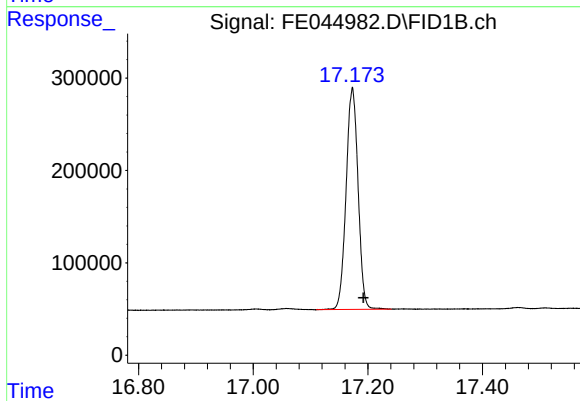
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.020 min
Response: 3333670
Conc: 21.48 ug/ml



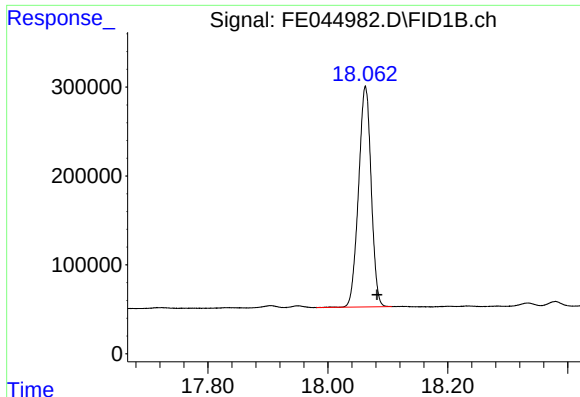
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.018 min
Response: 3365850
Conc: 22.42 ug/ml



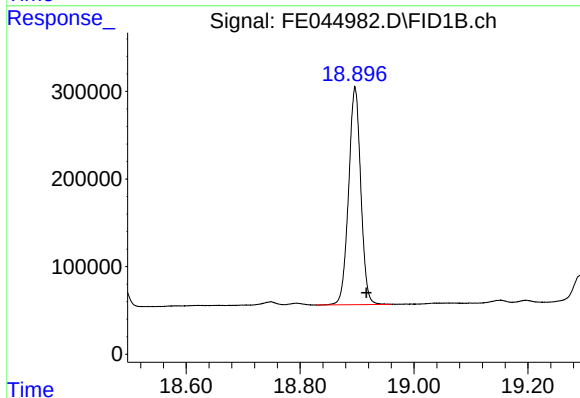
#16 n-Octacosane (C28)

R.T.: 17.173 min
Delta R.T.: -0.019 min
Response: 3472857
Conc: 23.65 ug/ml



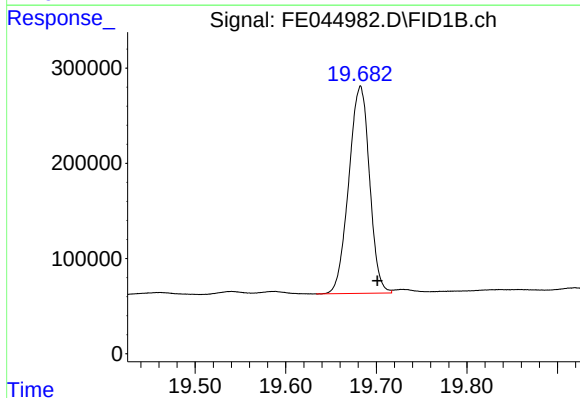
#17 n-Tricontane (C30)

R.T.: 18.063 min
Delta R.T.: -0.019 min
Response: 3632424
Conc: 24.42 ug/ml



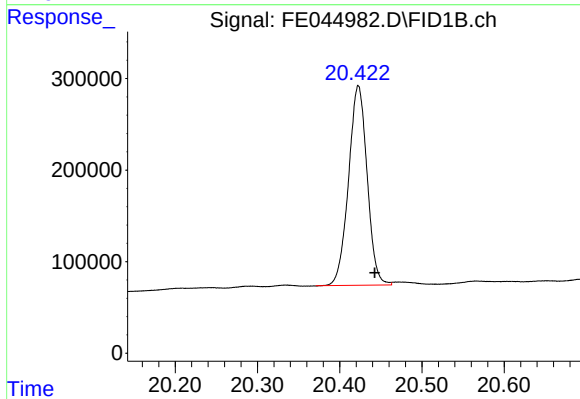
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.020 min
Response: 3689911
Conc: 24.58 ug/ml



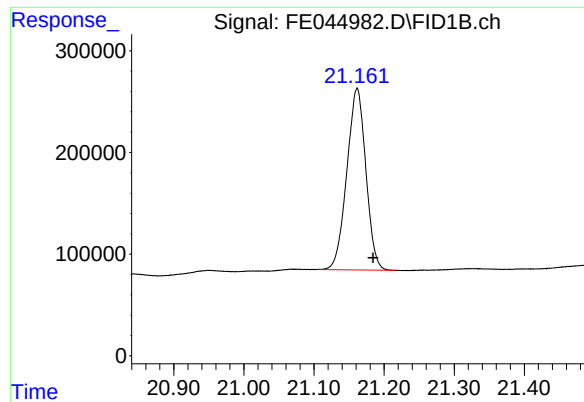
#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: -0.019 min
Response: 3461084
Conc: 23.25 ug/ml



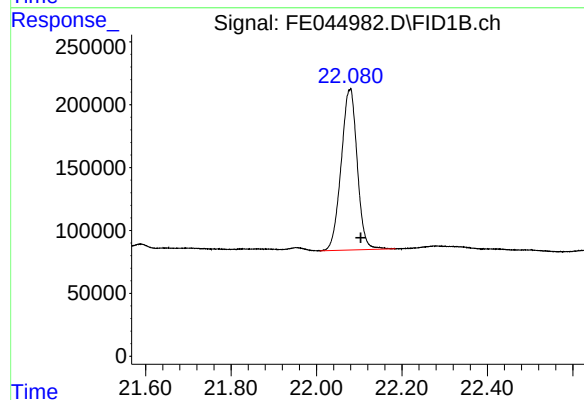
#20 n-Hexatriacontane (C36)

R.T.: 20.422 min
Delta R.T.: -0.021 min
Response: 3421524
Conc: 22.26 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: -0.023 min
Response: 3368054
Conc: 21.56 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: -0.025 min
Response: 3336684
Conc: 19.97 ug/ml