

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121823AL\
 Data File : FE045885.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2023 13:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 18 23:21:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.841	4080138	19.511 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
12) S 1-chlorooctadecane (S...	13.285	3000997	19.073 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
Target Compounds			
1) T n-Nonane (C9)	3.227	3392859	21.396 ug/ml
2) T n-Decane (C10)	4.478	3437729	21.468 ug/ml
3) T A~Naphthalene (C11.7)	6.178	3720661	21.359 ug/ml
4) T n-Dodecane (C12)	6.646	3477509	21.529 ug/ml
5) T A~2-methylnaphthalene...	7.274	3615322	21.289 ug/ml
6) T n-Tetradecane (C14)	8.473	3445143	21.475 ug/ml
7) T n-Hexadecane (C16)	10.083	3496829	21.117 ug/ml
8) T n-Octadecane (C18)	11.529	3489997	20.356 ug/ml
10) T n-Eicosane (C20)	12.841	3365757	19.453 ug/ml
11) T n-Heneicosane (C21)	13.454	3283645	19.088 ug/ml
13) T n-Docosane (C22)	14.041	3223696	18.697 ug/ml
14) T n-Tetracosane (C24)	15.147	3132023	17.940 ug/ml
15) T n-Hexacosane (C26)	16.170	3036752	17.437 ug/ml
16) T n-Octacosane (C28)	17.123	2972656	17.200 ug/ml
17) T n-Tricontane (C30)	18.014	3013262	17.224 ug/ml
18) T n-Dotriacontane (C32)	18.848	3037527	16.650 ug/ml
19) T n-Tetratriacontane (C34)	19.635	3004572	18.107 ug/ml
20) T n-Hexatriacontane (C36)	20.378	3034164	19.114 ug/ml
21) T n-Octatriacontane (C38)	21.112	3156064	20.126 ug/ml
22) T n-Tetracontane (C40)	22.014	3233960	22.756 ug/ml

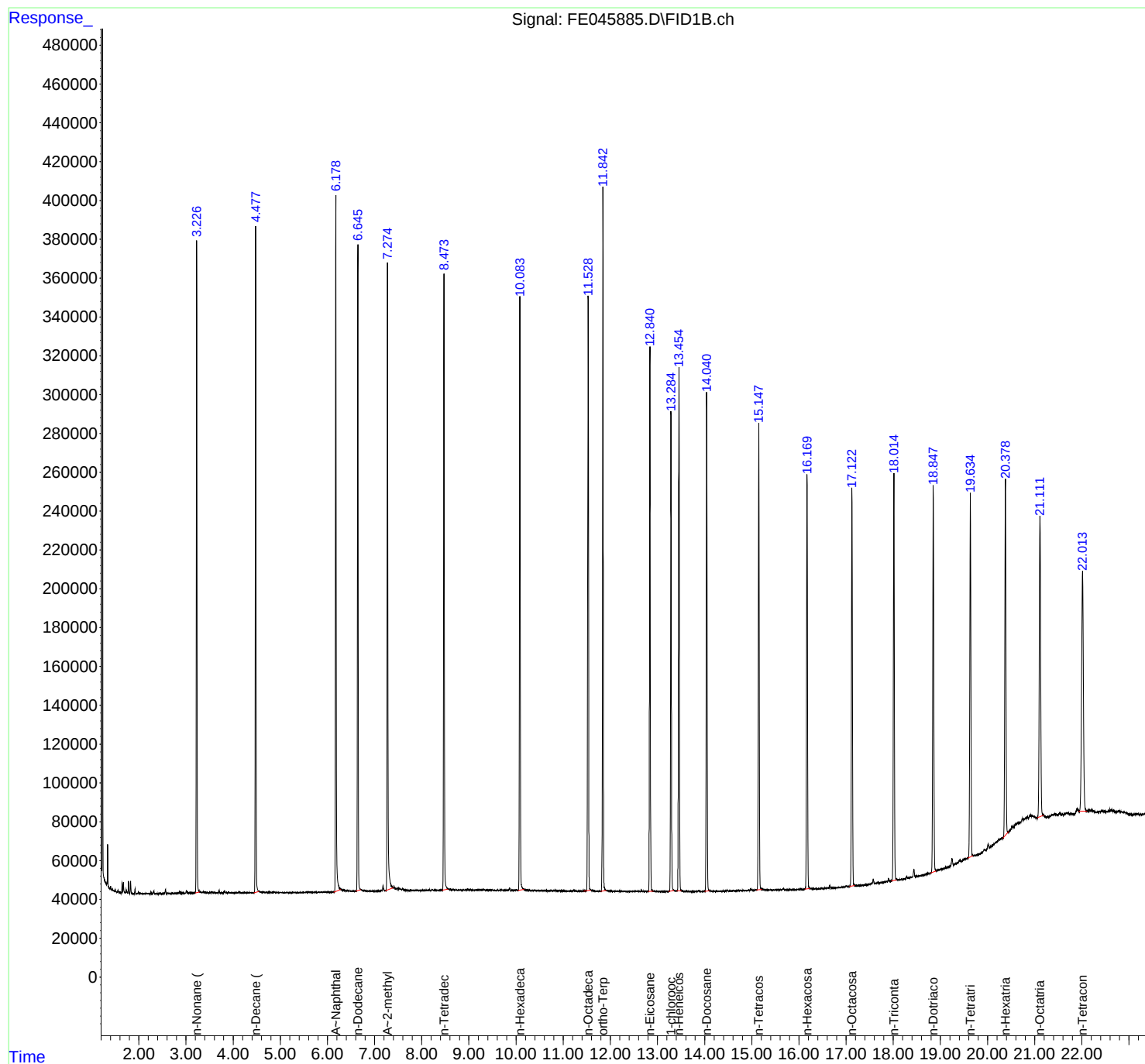
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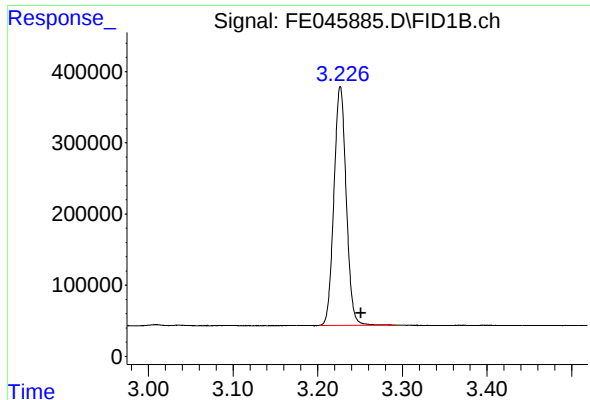
(m)=manual int.

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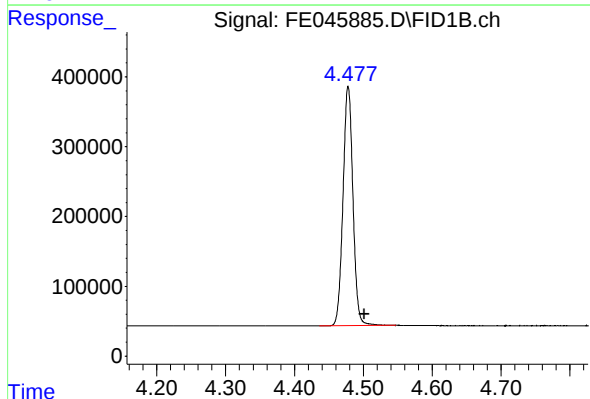
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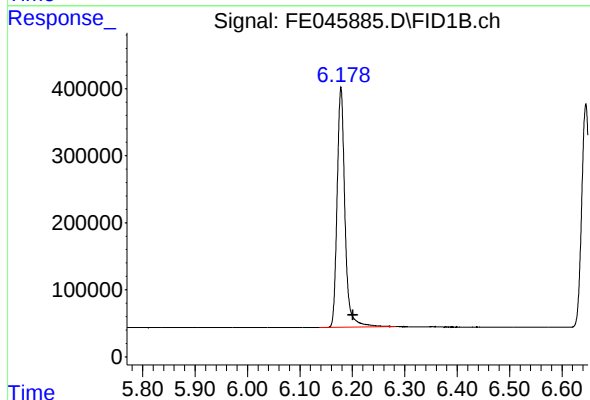
#1 n-Nonane (C9)

R.T.: 3.227 min
Delta R.T.: -0.024 min
Response: 3392859
Conc: 21.40 ug/ml



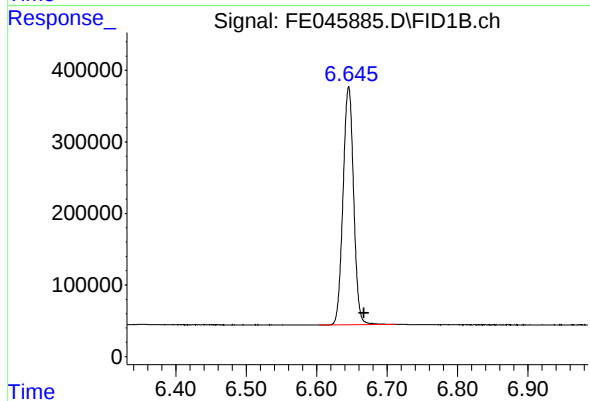
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.023 min
Response: 3437729
Conc: 21.47 ug/ml



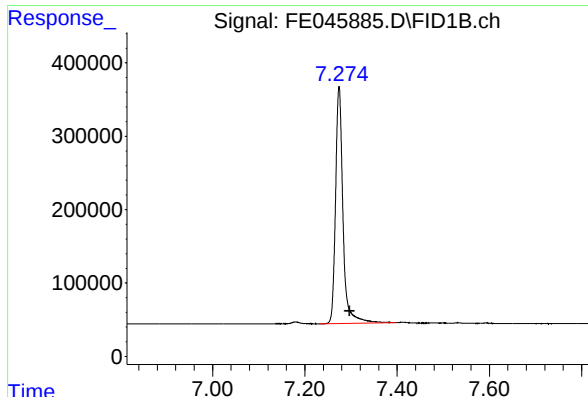
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: -0.023 min
Response: 3720661
Conc: 21.36 ug/ml



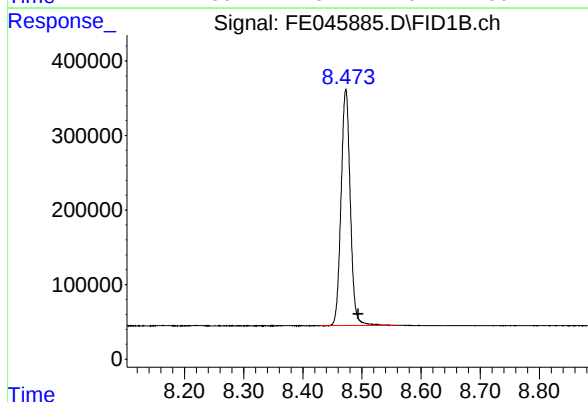
#4 n-Dodecane (C12)

R.T.: 6.646 min
Delta R.T.: -0.022 min
Response: 3477509
Conc: 21.53 ug/ml



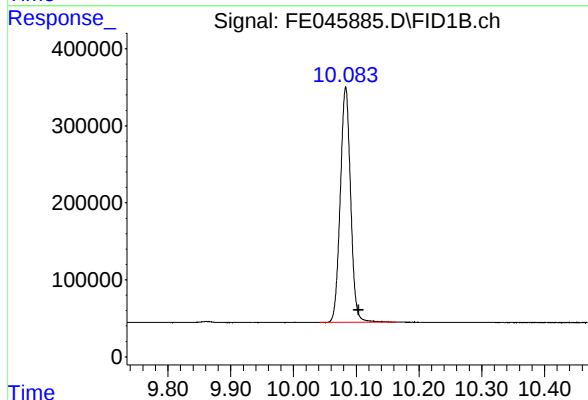
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: -0.023 min
Response: 3615322
Conc: 21.29 ug/ml



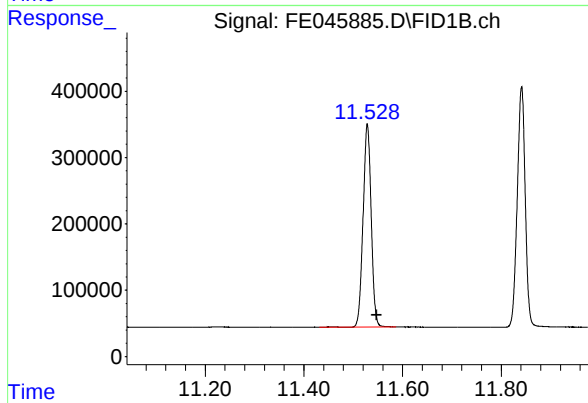
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.021 min
Response: 3445143
Conc: 21.48 ug/ml



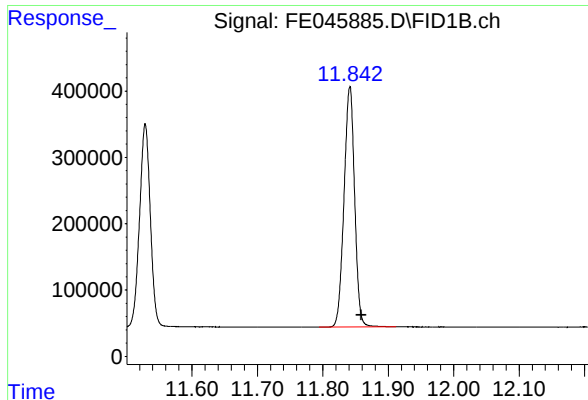
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.021 min
Response: 3496829
Conc: 21.12 ug/ml



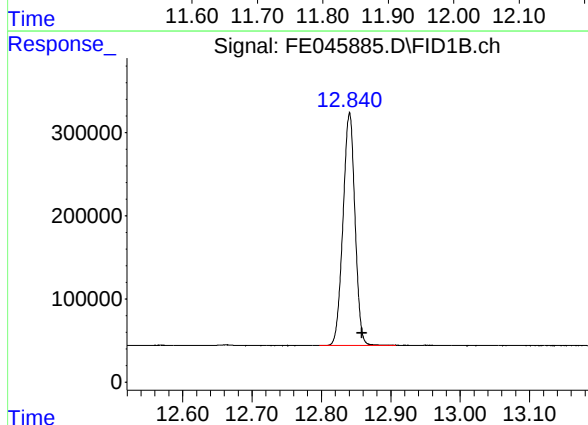
#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.019 min
Response: 3489997
Conc: 20.36 ug/ml



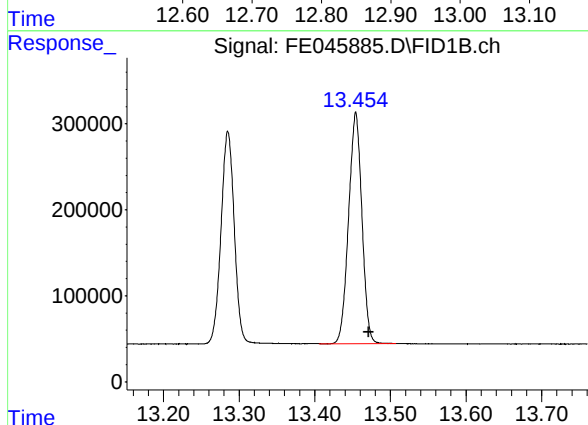
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.018 min
Response: 4080138
Conc: 19.51 ug/ml



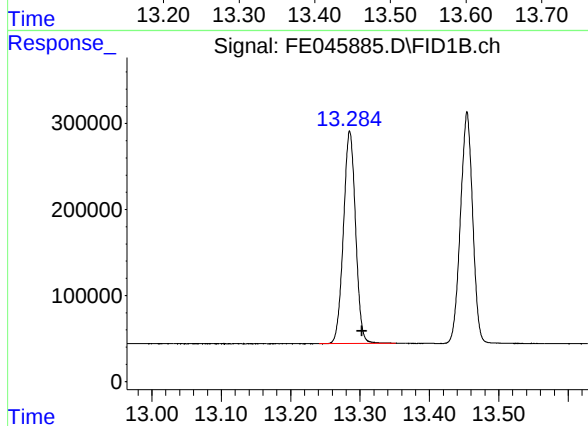
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.018 min
Response: 3365757
Conc: 19.45 ug/ml



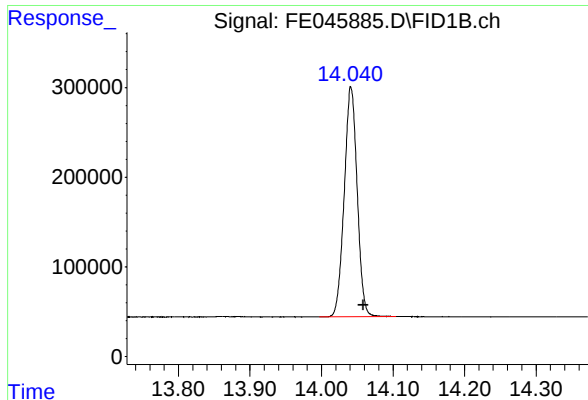
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.017 min
Response: 3283645
Conc: 19.09 ug/ml



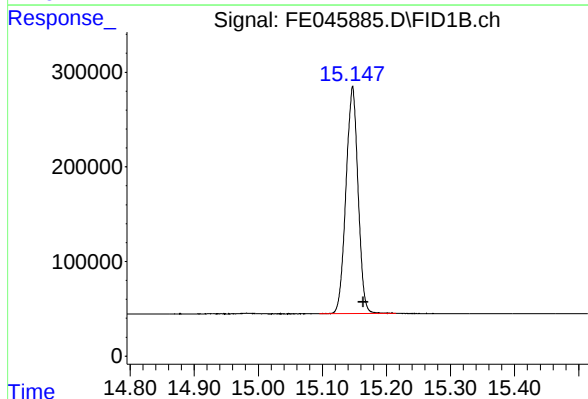
#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.018 min
Response: 3000997
Conc: 19.07 ug/ml



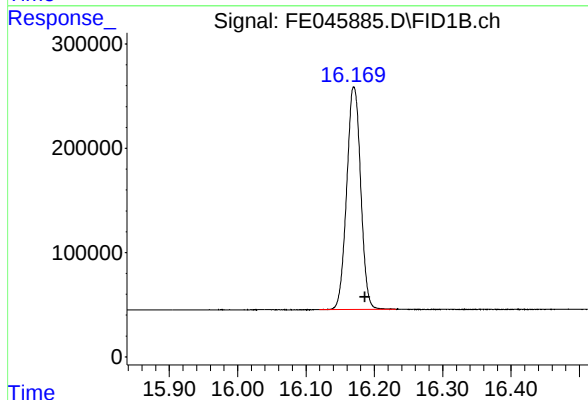
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.017 min
Response: 3223696
Conc: 18.70 ug/ml



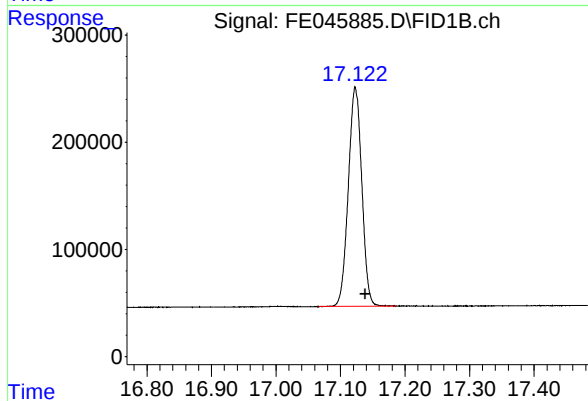
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.017 min
Response: 3132023
Conc: 17.94 ug/ml



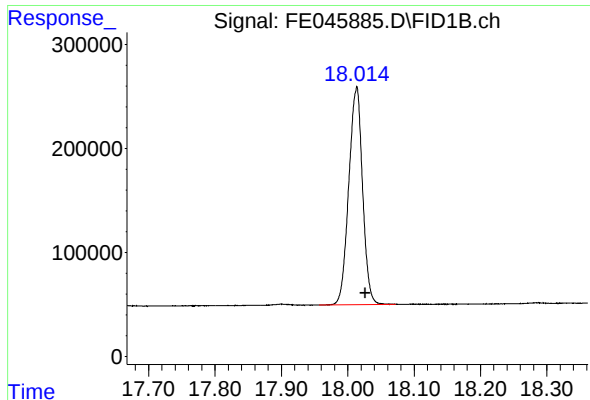
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: -0.016 min
Response: 3036752
Conc: 17.44 ug/ml



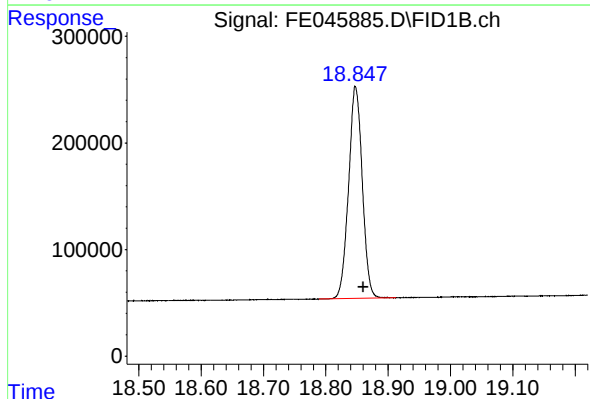
#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.015 min
Response: 2972656
Conc: 17.20 ug/ml



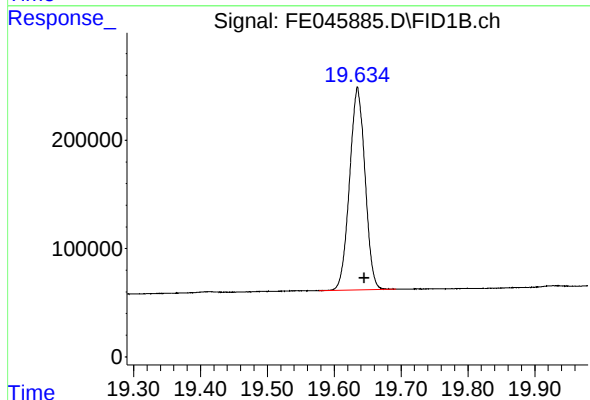
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: -0.013 min
Response: 3013262
Conc: 17.22 ug/ml



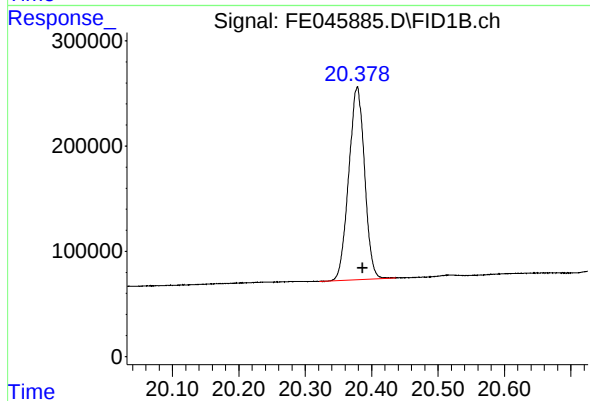
#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: -0.012 min
Response: 3037527
Conc: 16.65 ug/ml



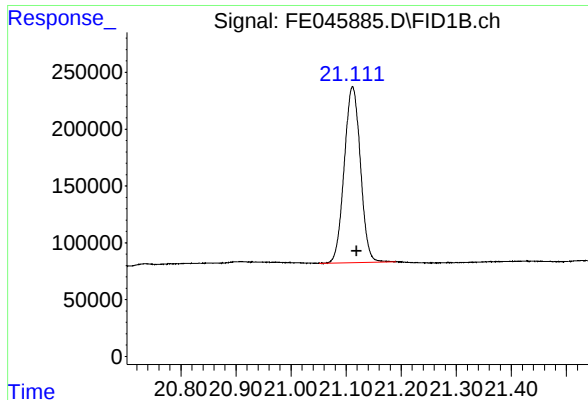
#19 n-Tetatriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.010 min
Response: 3004572
Conc: 18.11 ug/ml



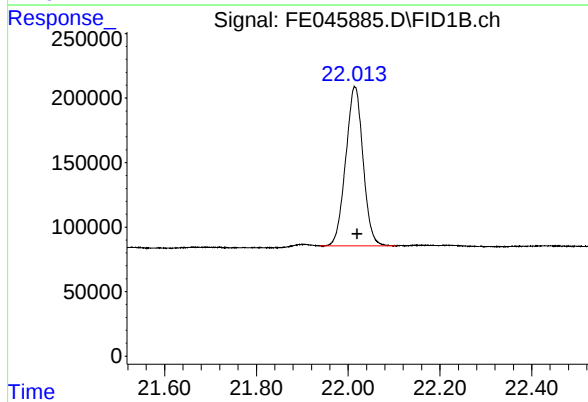
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.008 min
Response: 3034164
Conc: 19.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: -0.007 min
Response: 3156064
Conc: 20.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: -0.005 min
Response: 3233960
Conc: 22.76 ug/ml