

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102423AL\
 Data File : FE045020.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2023 01:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 02:17:49 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)	11.896	3602574	17.971 ug/ml
Spiked Amount 50.000		Recovery =	35.94%
12) S 1-chlorooctadecane (S...	13.338	2638618	17.830 ug/ml
Spiked Amount 50.000		Recovery =	35.66%
Target Compounds			
1) T n-Nonane (C9)	3.282	2954323	17.611 ug/ml
2) T n-Decane (C10)	4.534	3109641	18.254 ug/ml
3) T A~Naphthalene (C11.7)	6.235	3353326	18.115 ug/ml
4) T n-Dodecane (C12)	6.700	3156152	18.284 ug/ml
5) T A~2-methylnaphthalene...	7.330	3244722	17.987 ug/ml
6) T n-Tetradecane (C14)	8.526	3130988	18.259 ug/ml
7) T n-Hexadecane (C16)	10.137	3176514	18.165 ug/ml
8) T n-Octadecane (C18)	11.582	3162092	18.130 ug/ml
10) T n-Eicosane (C20)	12.893	3018750	18.073 ug/ml
11) T n-Heneicosane (C21)	13.506	2918458	17.903 ug/ml
13) T n-Docosane (C22)	14.093	2915854	18.229 ug/ml
14) T n-Tetracosane (C24)	15.198	2908276	18.739 ug/ml
15) T n-Hexacosane (C26)	16.220	2902107	19.330 ug/ml
16) T n-Octacosane (C28)	17.172	3003064	20.451 ug/ml
17) T n-Tricontane (C30)	18.060	3299981	22.188 ug/ml
18) T n-Dotriacontane (C32)	18.896	3440811	22.924 ug/ml
19) T n-Tetratriacontane (C34)	19.681	3461455	23.252 ug/mlm
20) T n-Hexatriacontane (C36)	20.422	3414722	22.211 ug/mlm
21) T n-Octatriacontane (C38)	21.159	3517256	22.516 ug/mlm
22) T n-Tetracontane (C40)	22.073	3611731	21.611 ug/mlm

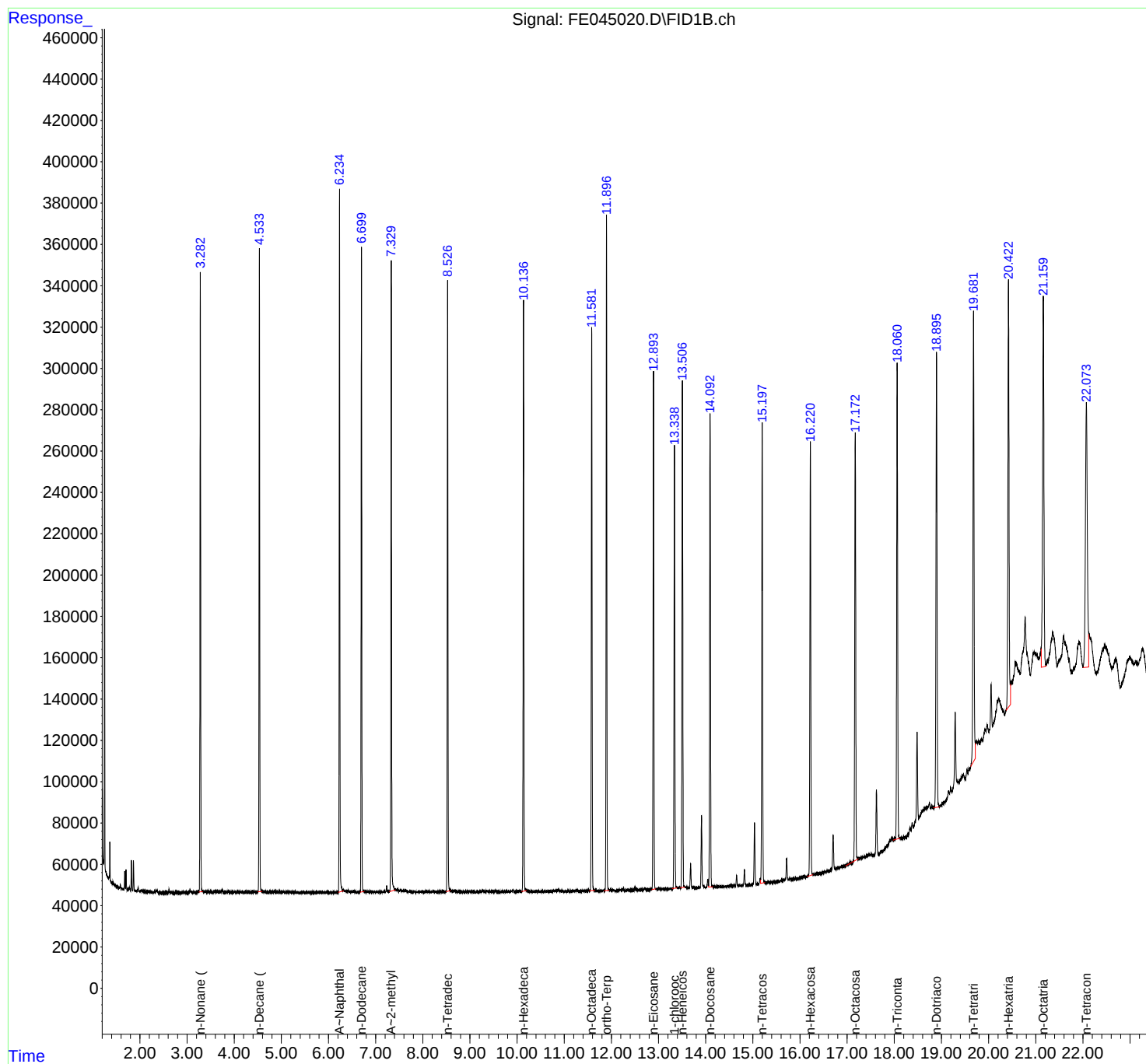
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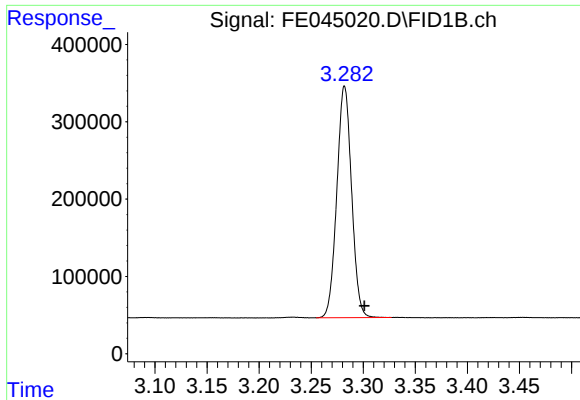
(m)=manual int.

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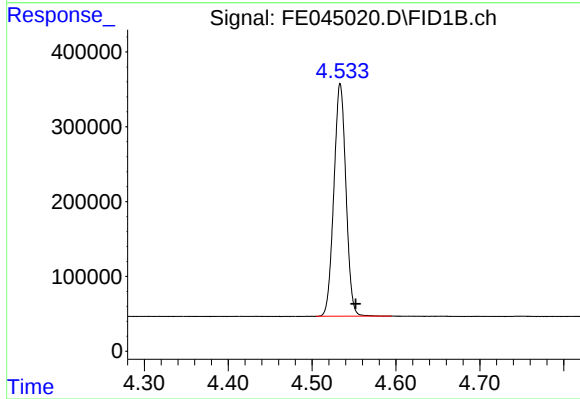
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





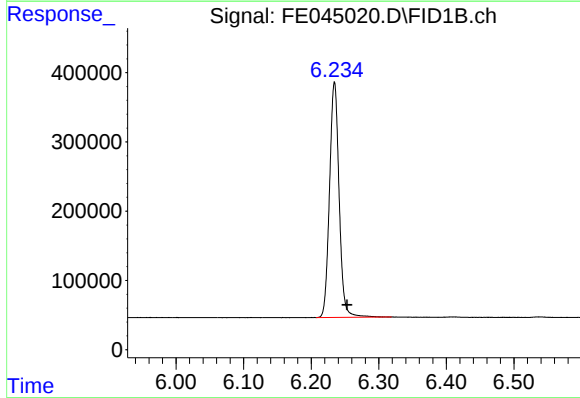
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.019 min
Response: 2954323
Conc: 17.61 ug/ml



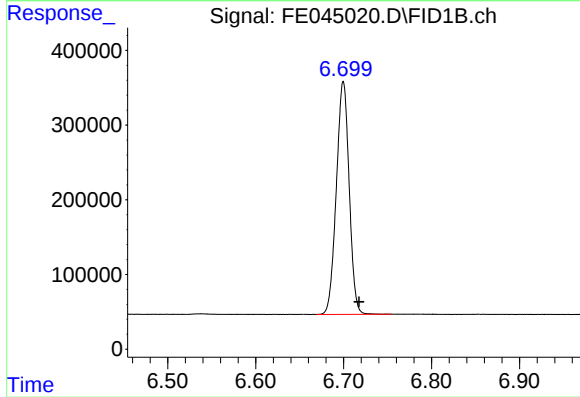
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.018 min
Response: 3109641
Conc: 18.25 ug/ml



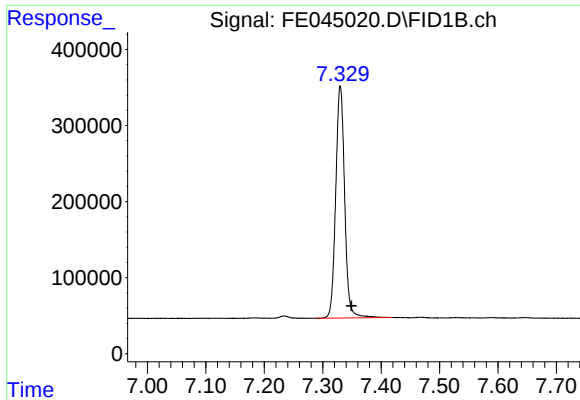
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.019 min
Response: 3353326
Conc: 18.11 ug/ml



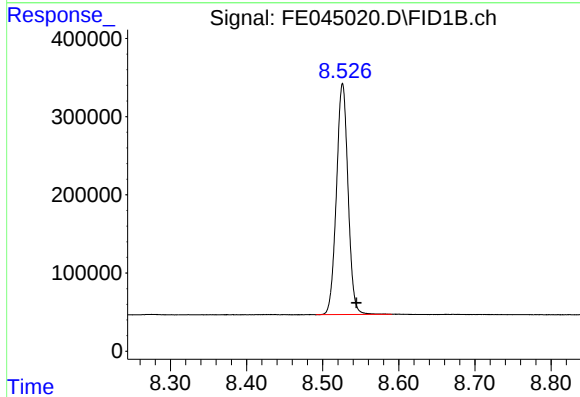
#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: -0.018 min
Response: 3156152
Conc: 18.28 ug/ml



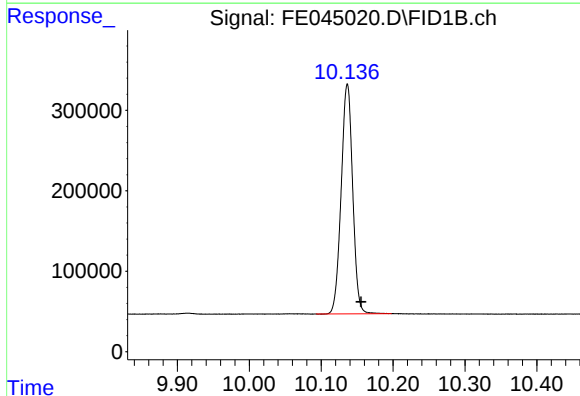
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.019 min
Response: 3244722
Conc: 17.99 ug/ml



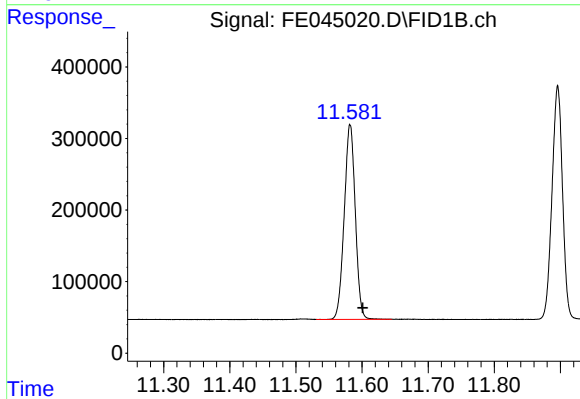
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.018 min
Response: 3130988
Conc: 18.26 ug/ml



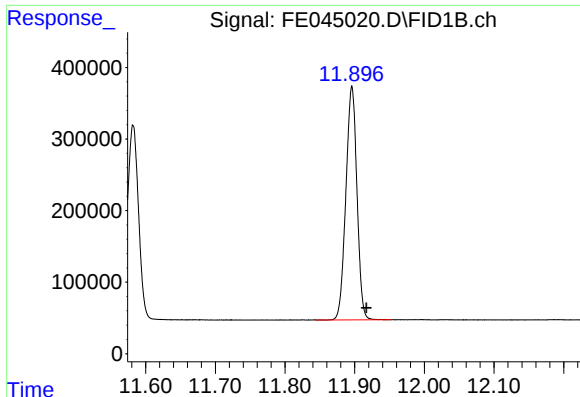
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: -0.019 min
Response: 3176514
Conc: 18.17 ug/ml



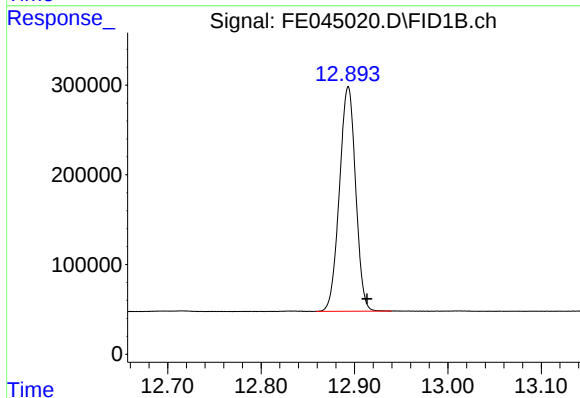
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.019 min
Response: 3162092
Conc: 18.13 ug/ml



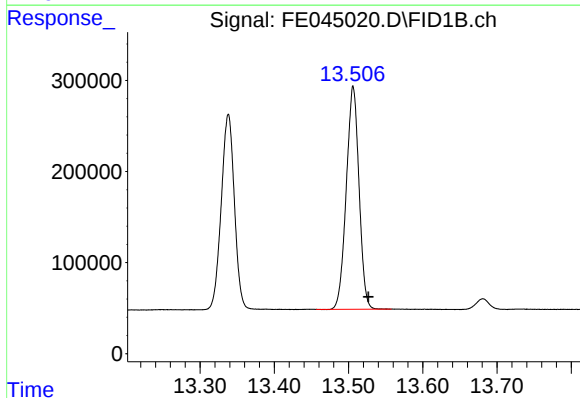
#9 ortho-Terphenyl (SURR)

R.T.: 11.896 min
Delta R.T.: -0.021 min
Response: 3602574
Conc: 17.97 ug/ml



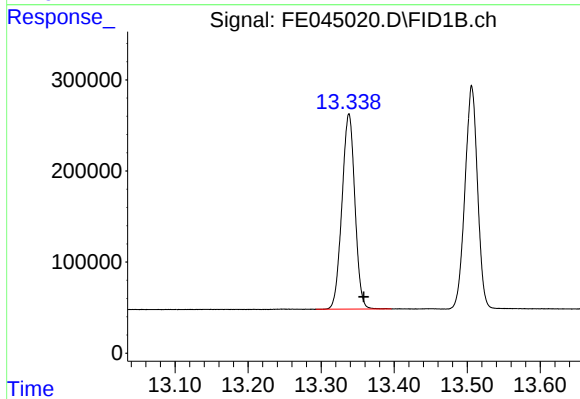
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.020 min
Response: 3018750
Conc: 18.07 ug/ml



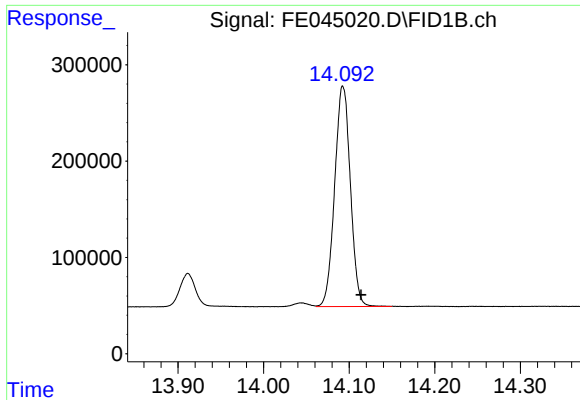
#11 n-Heneicosane (C21)

R.T.: 13.506 min
Delta R.T.: -0.020 min
Response: 2918458
Conc: 17.90 ug/ml



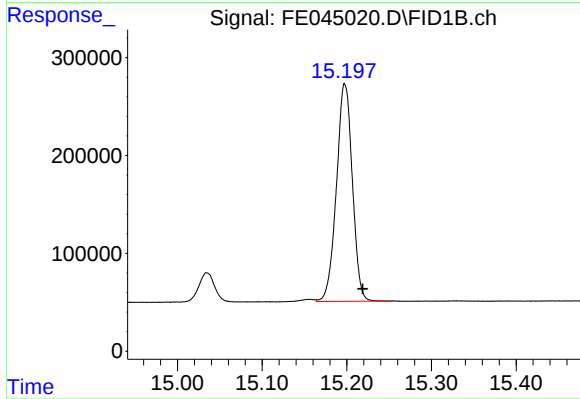
#12 1-chlorooctadecane (SURR)

R.T.: 13.338 min
Delta R.T.: -0.020 min
Response: 2638618
Conc: 17.83 ug/ml



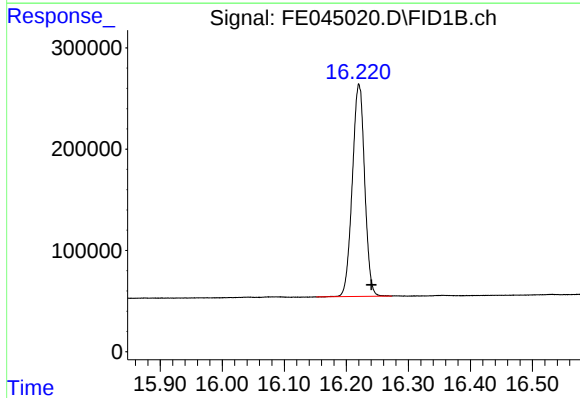
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.021 min
Response: 2915854
Conc: 18.23 ug/ml



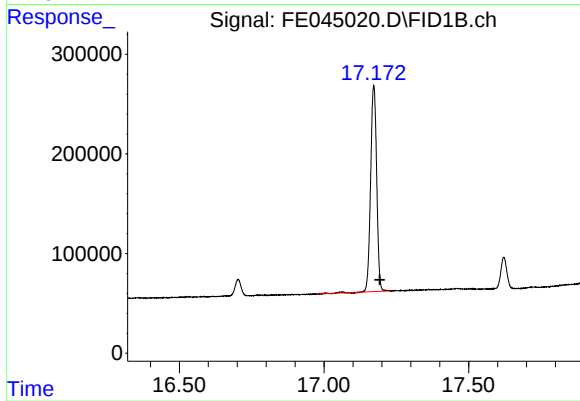
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.021 min
Response: 2908276
Conc: 18.74 ug/ml



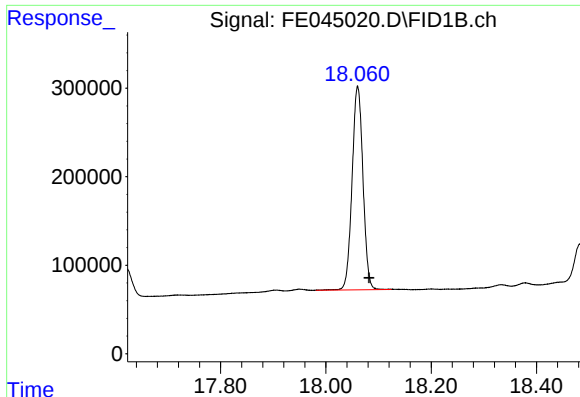
#15 n-Hexacosane (C26)

R.T.: 16.220 min
Delta R.T.: -0.020 min
Response: 2902107
Conc: 19.33 ug/ml



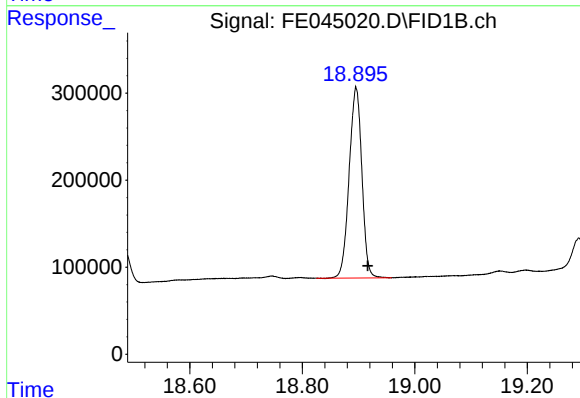
#16 n-Octacosane (C28)

R.T.: 17.172 min
Delta R.T.: -0.020 min
Response: 3003064
Conc: 20.45 ug/ml



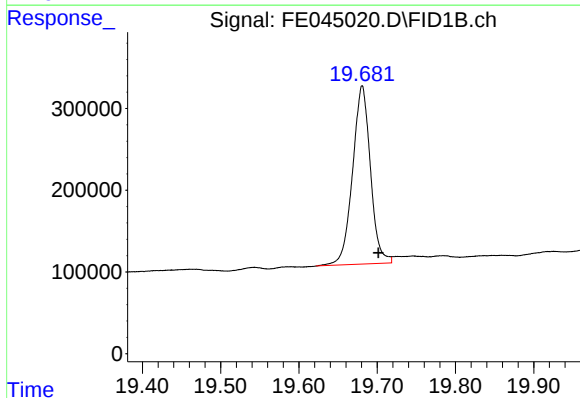
#17 n-Tricontane (C30)

R.T.: 18.060 min
Delta R.T.: -0.021 min
Response: 3299981
Conc: 22.19 ug/ml



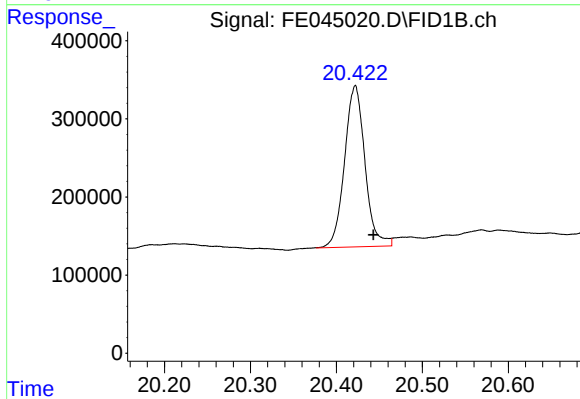
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.021 min
Response: 3440811
Conc: 22.92 ug/ml



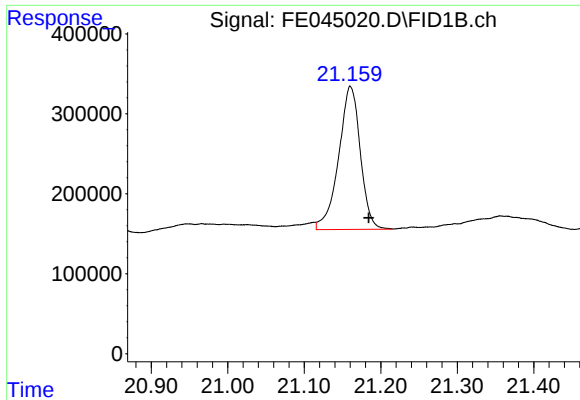
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.020 min
Response: 3461455
Conc: 23.25 ug/ml m



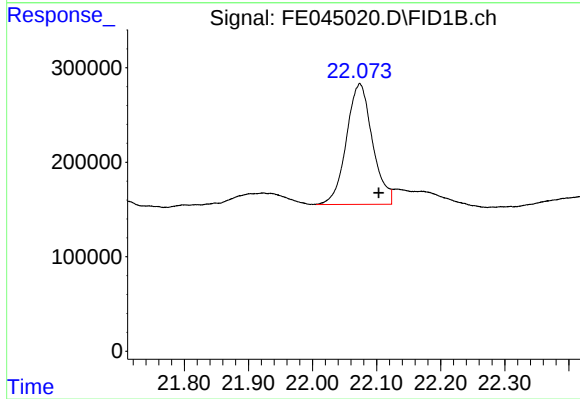
#20 n-Hexatriacontane (C36)

R.T.: 20.422 min
Delta R.T.: -0.021 min
Response: 3414722
Conc: 22.21 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.025 min
Response: 3517256
Conc: 22.52 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.073 min
Delta R.T.: -0.030 min
Response: 3611731
Conc: 21.61 ug/ml m