

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102323AL\
 Data File : FE044975.D
 Signal(s) : FID1B.ch
 Acq On : 23 Oct 2023 08:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 00:53:25 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)	11.900	3934709	19.628 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	13.341	2746710	18.561 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
Target Compounds			
1) T n-Nonane (C9)	3.284	3238720	19.307 ug/ml
2) T n-Decane (C10)	4.536	3422231	20.089 ug/ml
3) T A~Naphthalene (C11.7)	6.236	3629896	19.609 ug/ml
4) T n-Dodecane (C12)	6.701	3443159	19.946 ug/ml
5) T A~2-methylnaphthalene...	7.332	3492358	19.360 ug/ml
6) T n-Tetradecane (C14)	8.528	3388018	19.758 ug/ml
7) T n-Hexadecane (C16)	10.139	3443240	19.690 ug/ml
8) T n-Octadecane (C18)	11.584	3430798	19.670 ug/ml
10) T n-Eicosane (C20)	12.897	3258794	19.510 ug/ml
11) T n-Heneicosane (C21)	13.510	3161099	19.392 ug/ml
13) T n-Docosane (C22)	14.098	3136234	19.607 ug/ml
14) T n-Tetracosane (C24)	15.203	3132137	20.182 ug/ml
15) T n-Hexacosane (C26)	16.226	3098544	20.638 ug/ml
16) T n-Octacosane (C28)	17.178	3192377	21.740 ug/ml
17) T n-Tricontane (C30)	18.068	3487910	23.451 ug/ml
18) T n-Dotriacontane (C32)	18.901	3639633	24.249 ug/ml
19) T n-Tetratriacontane (C34)	19.686	3439005	23.102 ug/ml
20) T n-Hexatriacontane (C36)	20.429	3706794	24.111 ug/ml
21) T n-Octatriacontane (C38)	21.168	3468803	22.206 ug/ml
22) T n-Tetracontane (C40)	22.084	3227977	19.315 ug/ml

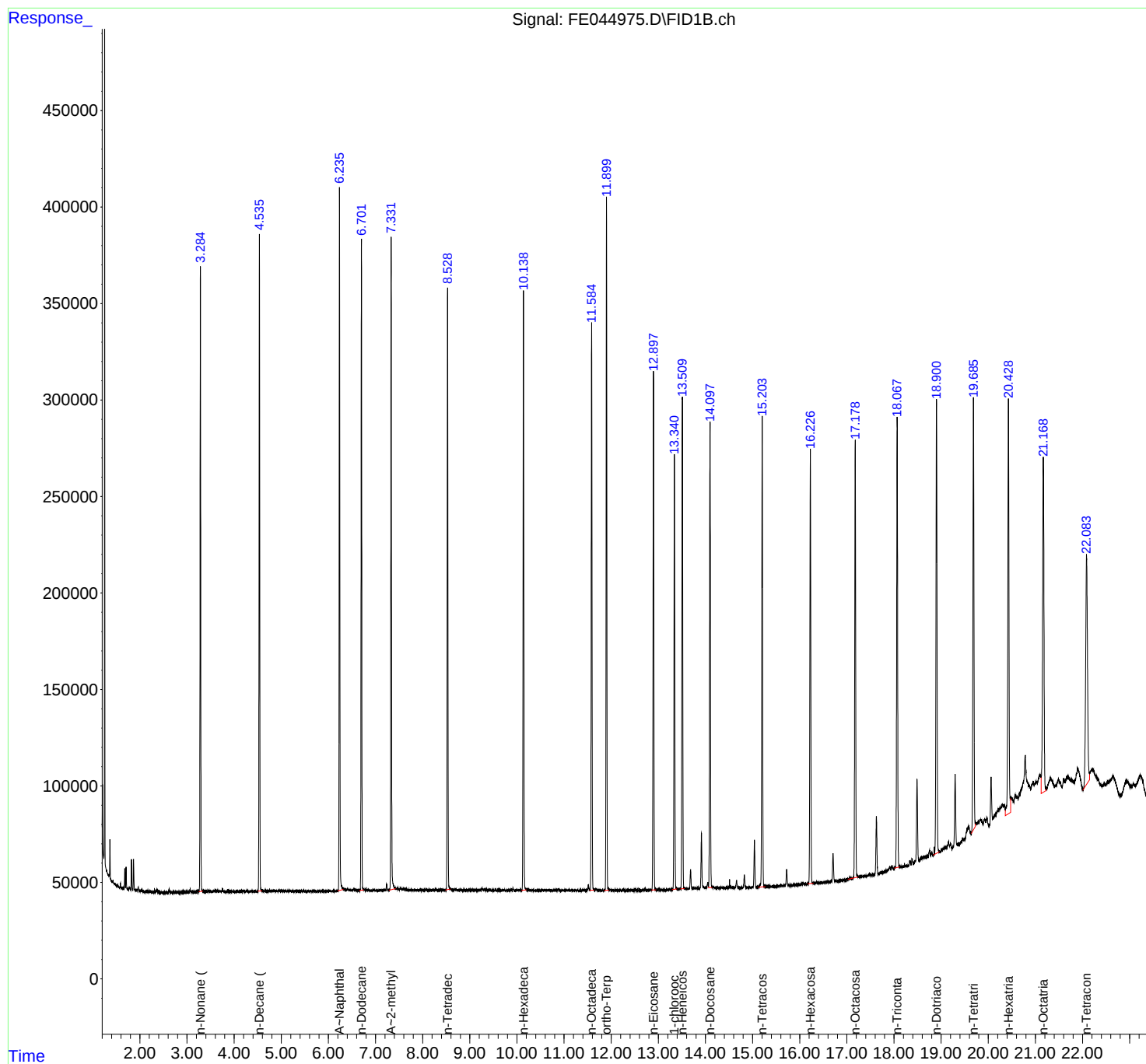
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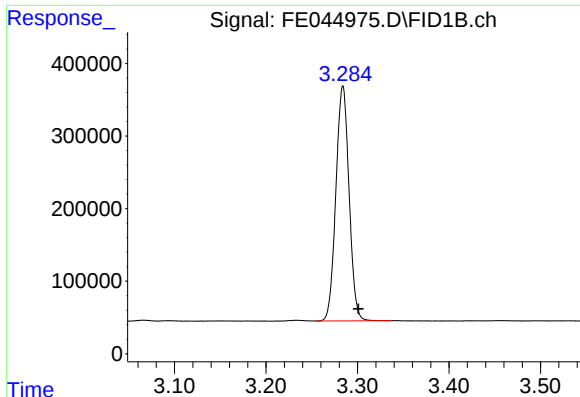
(m)=manual int.

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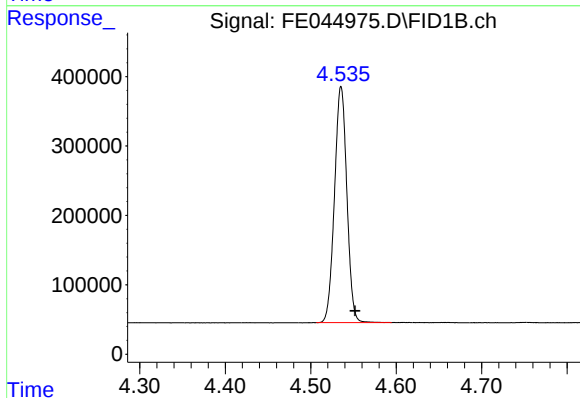
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Signal Info : 20M x 0.18mm x 0.18um





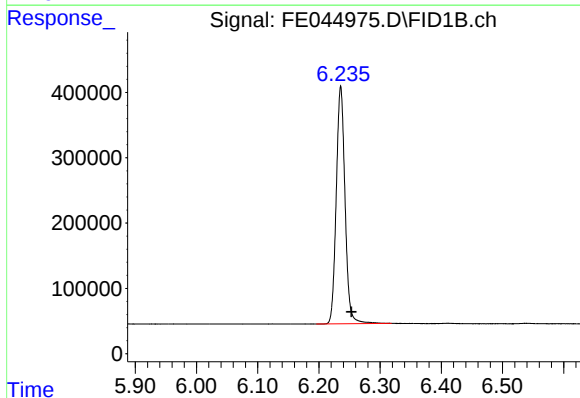
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.017 min
Response: 3238720
Conc: 19.31 ug/ml



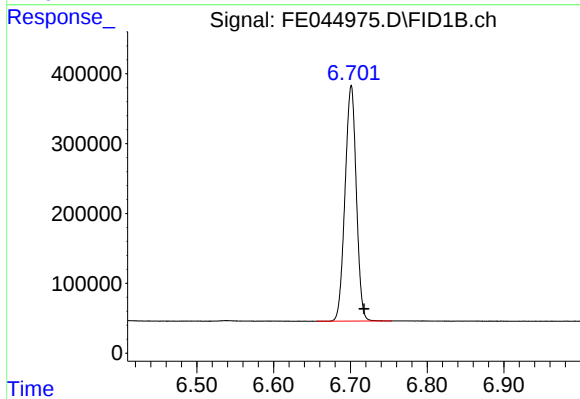
#2 n-Decane (C10)

R.T.: 4.536 min
Delta R.T.: -0.017 min
Response: 3422231
Conc: 20.09 ug/ml



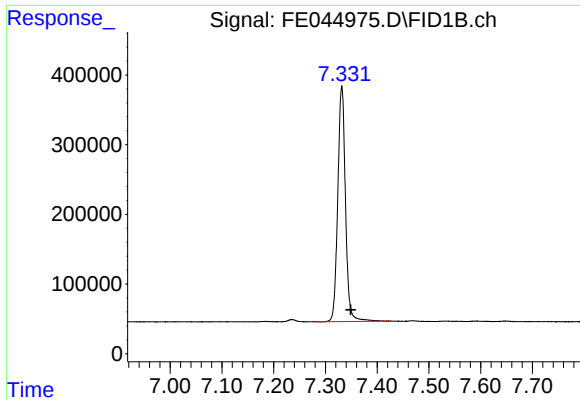
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.017 min
Response: 3629896
Conc: 19.61 ug/ml



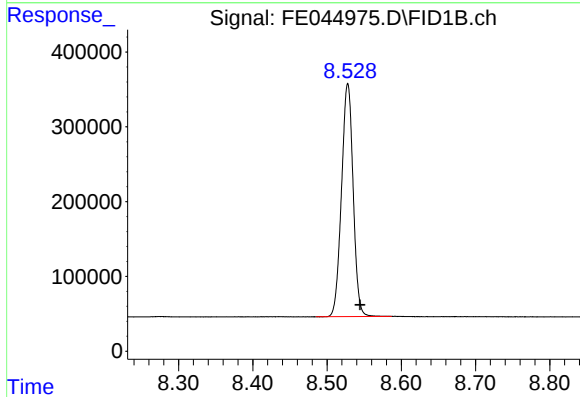
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.017 min
Response: 3443159
Conc: 19.95 ug/ml



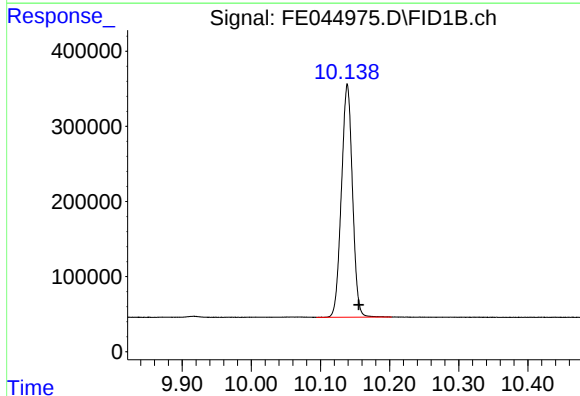
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.332 min
Delta R.T.: -0.017 min
Response: 3492358
Conc: 19.36 ug/ml



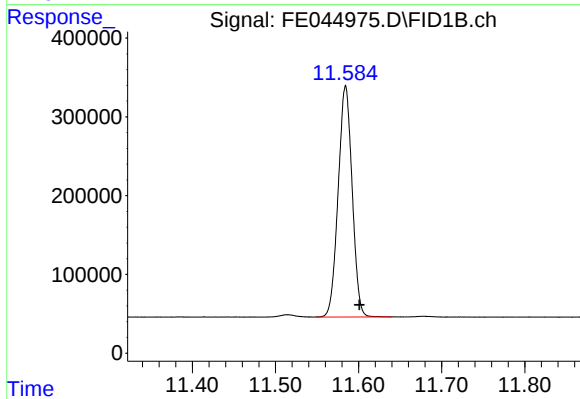
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.016 min
Response: 3388018
Conc: 19.76 ug/ml



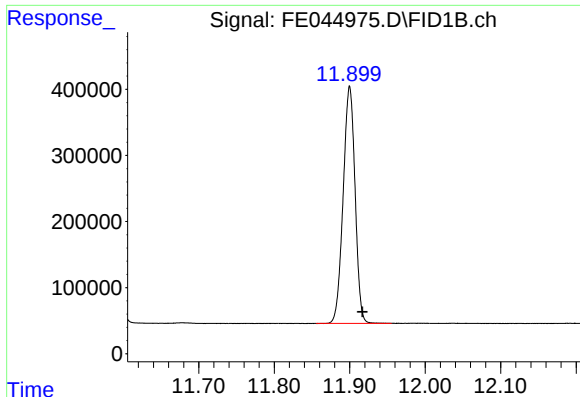
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: -0.016 min
Response: 3443240
Conc: 19.69 ug/ml



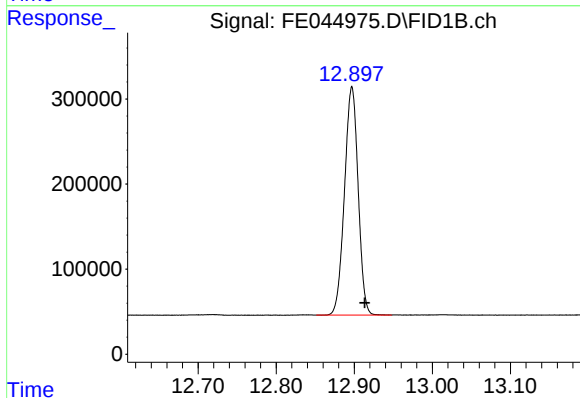
#8 n-Octadecane (C18)

R.T.: 11.584 min
Delta R.T.: -0.017 min
Response: 3430798
Conc: 19.67 ug/ml



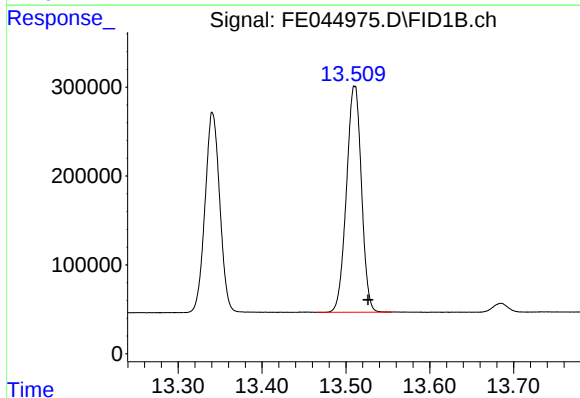
#9 ortho-Terphenyl (SURR)

R.T.: 11.900 min
Delta R.T.: -0.017 min
Response: 3934709
Conc: 19.63 ug/ml



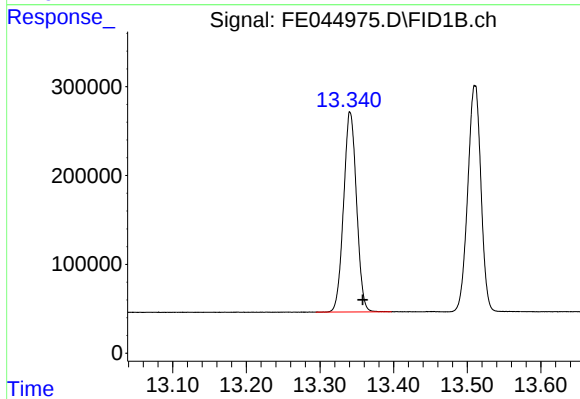
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.016 min
Response: 3258794
Conc: 19.51 ug/ml



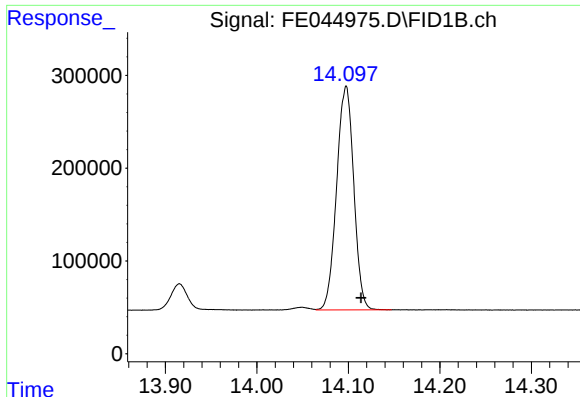
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.016 min
Response: 3161099
Conc: 19.39 ug/ml



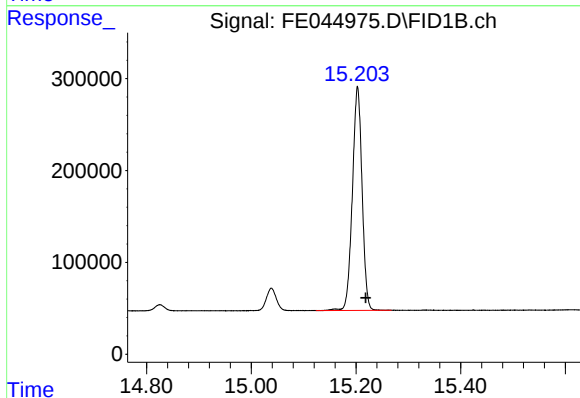
#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.017 min
Response: 2746710
Conc: 18.56 ug/ml



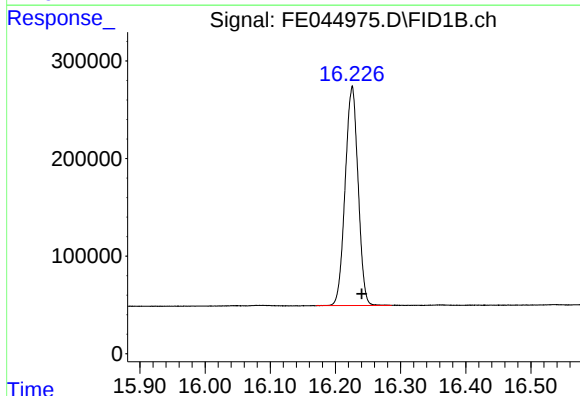
#13 n-Docosane (C22)

R.T.: 14.098 min
Delta R.T.: -0.016 min
Response: 3136234
Conc: 19.61 ug/ml



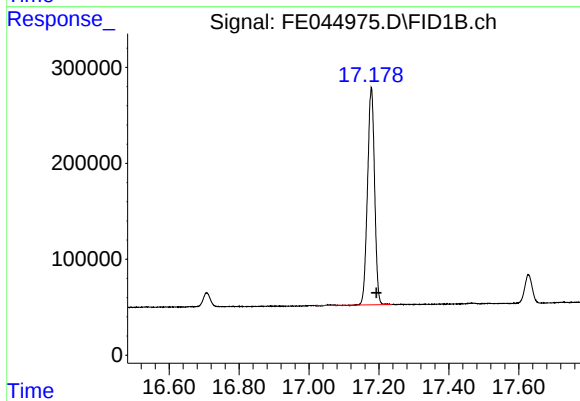
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.016 min
Response: 3132137
Conc: 20.18 ug/ml



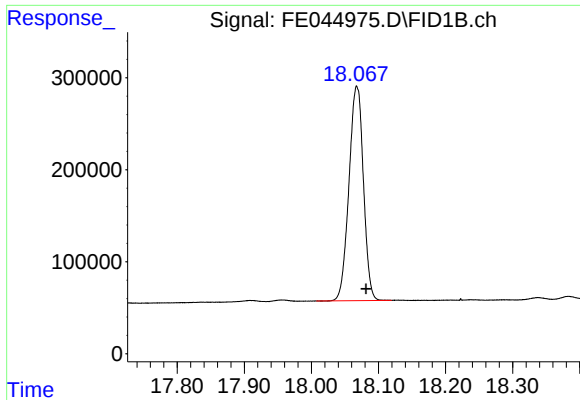
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: -0.015 min
Response: 3098544
Conc: 20.64 ug/ml



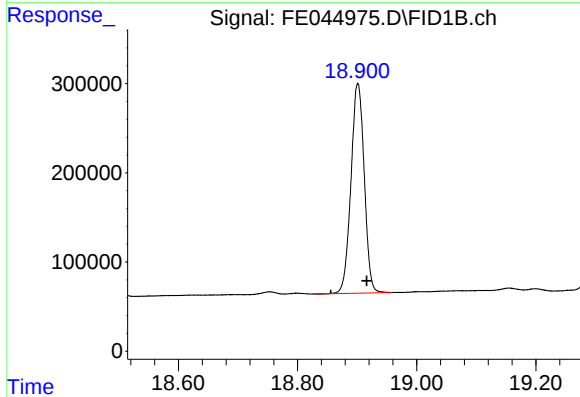
#16 n-Octacosane (C28)

R.T.: 17.178 min
Delta R.T.: -0.014 min
Response: 3192377
Conc: 21.74 ug/ml



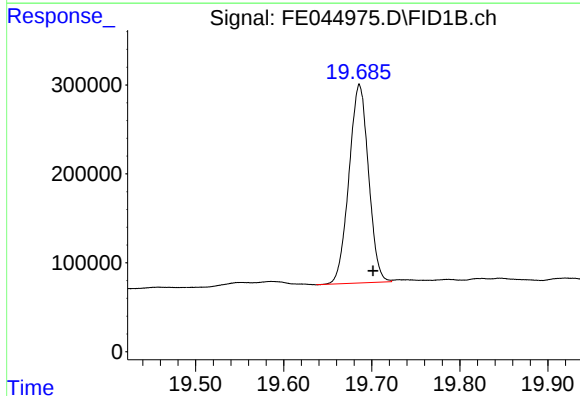
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.014 min
Response: 3487910
Conc: 23.45 ug/ml



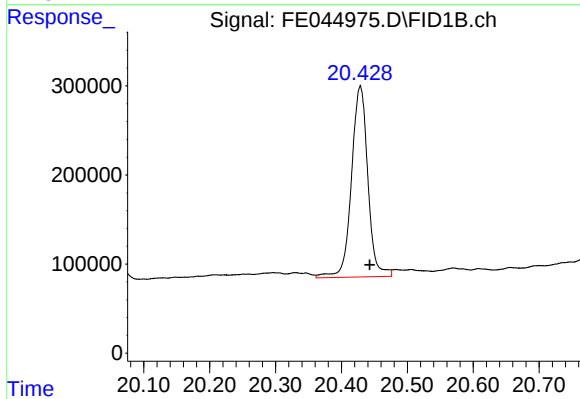
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.015 min
Response: 3639633
Conc: 24.25 ug/ml



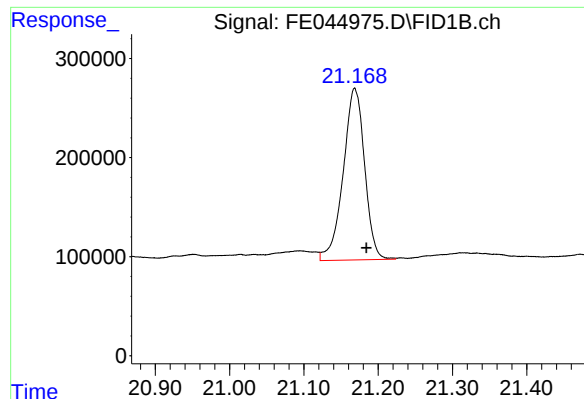
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.015 min
Response: 3439005
Conc: 23.10 ug/ml



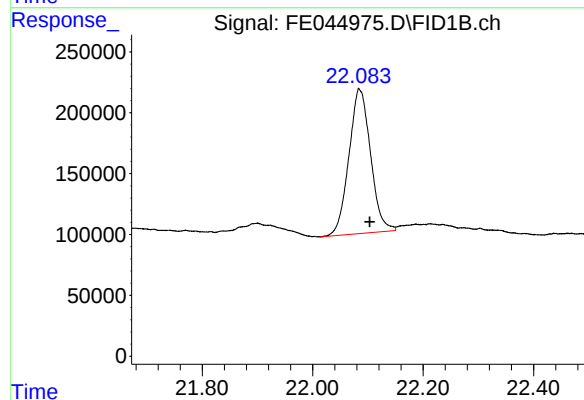
#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: -0.014 min
Response: 3706794
Conc: 24.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.016 min
Response: 3468803
Conc: 22.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.019 min
Response: 3227977
Conc: 19.32 ug/ml