

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010424AL\
 Data File : FE046077.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jan 2024 11:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 04 23:25:59 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)	11.833	3499775	19.259 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
12) S 1-chlorooctadecane (S...	13.277	2583395	19.335 ug/ml
Spiked Amount 50.000		Recovery =	38.67%
Target Compounds			
1) T n-Nonane (C9)	3.219	2897082	18.930 ug/ml
2) T n-Decane (C10)	4.470	2966379	19.114 ug/ml
3) T A~Naphthalene (C11.7)	6.172	3165963	19.037 ug/ml
4) T n-Dodecane (C12)	6.637	2999373	19.210 ug/ml
5) T A~2-methylnaphthalene...	7.268	3042530	19.110 ug/ml
6) T n-Tetradecane (C14)	8.464	2964827	19.033 ug/ml
7) T n-Hexadecane (C16)	10.074	3026720	19.113 ug/ml
8) T n-Octadecane (C18)	11.520	3027479	19.235 ug/ml
10) T n-Eicosane (C20)	12.831	2933861	19.394 ug/ml
11) T n-Heneicosane (C21)	13.444	2851733	19.393 ug/ml
13) T n-Docosane (C22)	14.032	2892102	19.786 ug/ml
14) T n-Tetracosane (C24)	15.138	2966297	20.453 ug/ml
15) T n-Hexacosane (C26)	16.162	3013397	21.019 ug/ml
16) T n-Octacosane (C28)	17.114	3077343	21.457 ug/ml
17) T n-Tricontane (C30)	18.005	3174330	21.356 ug/ml
18) T n-Dotriacontane (C32)	18.840	3103108	20.748 ug/ml
19) T n-Tetratriacontane (C34)	19.627	2930048	20.453 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2819068	19.335 ug/ml
21) T n-Octatriacontane (C38)	21.103	2870959	19.470 ug/ml
22) T n-Tetracontane (C40)	22.005	2874033	18.361 ug/ml

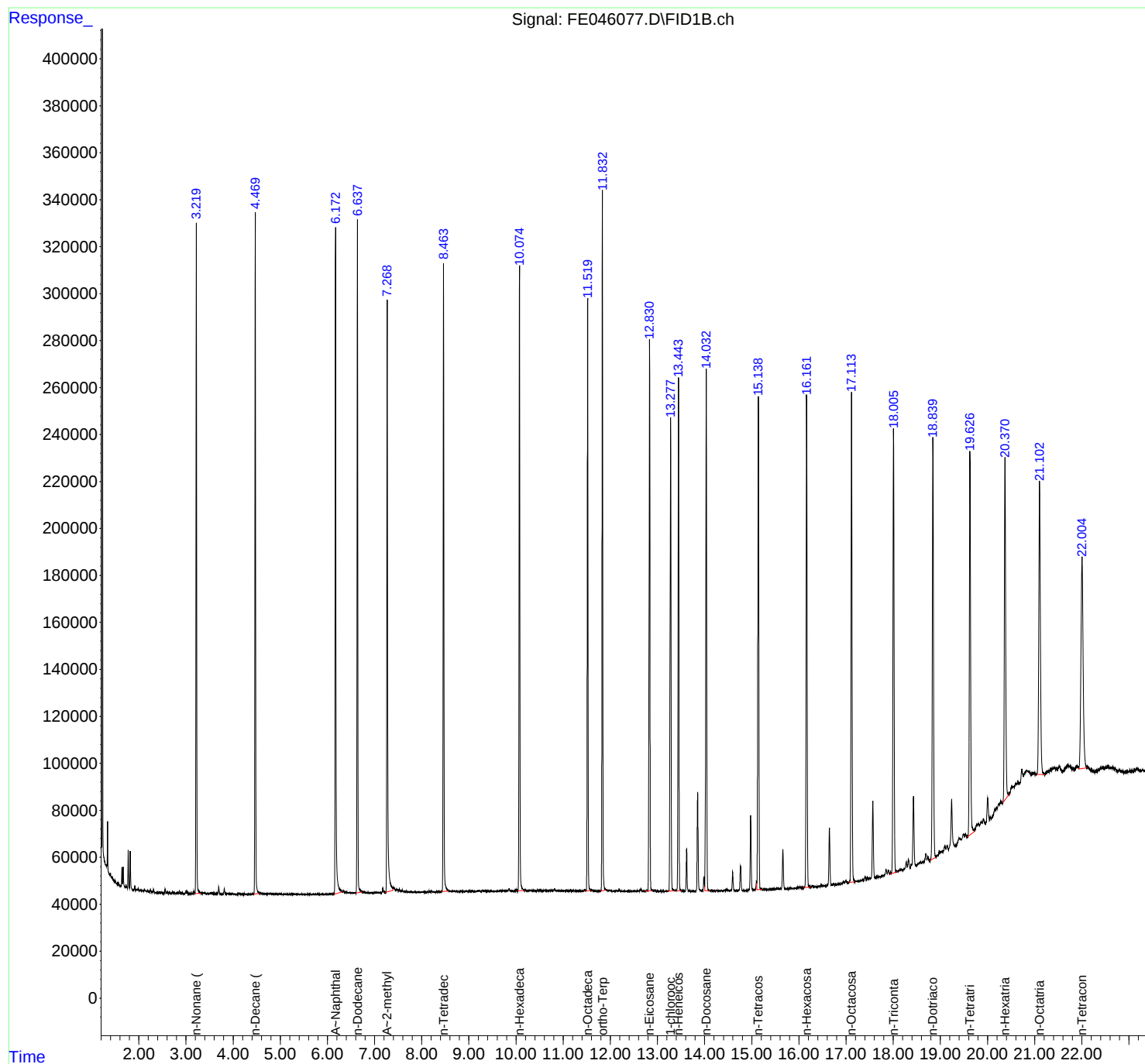
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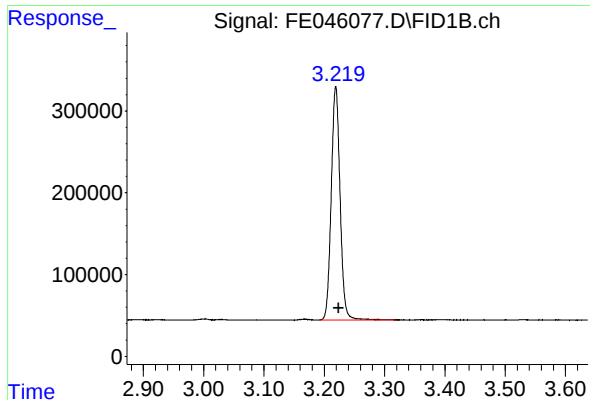
(m)=manual int.

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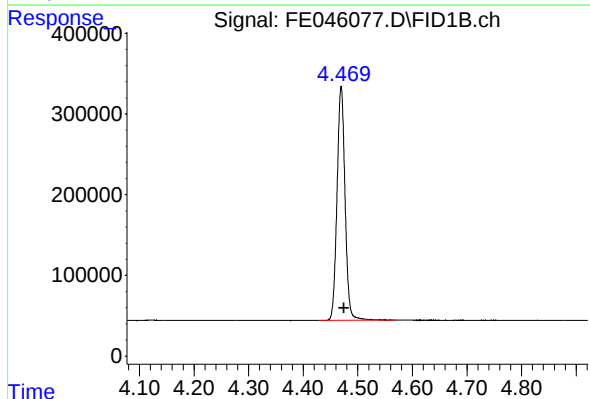
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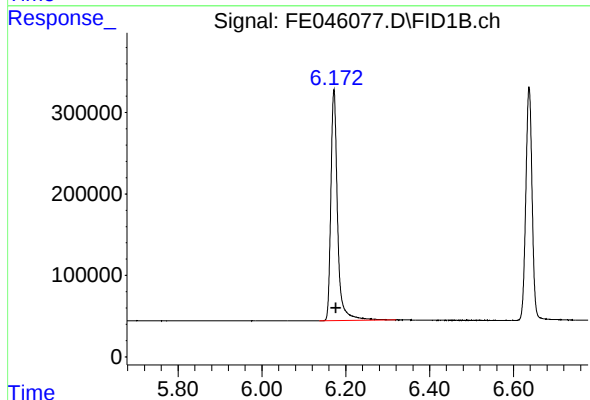
#1 n-Nonane (C9)

R.T.: 3.219 min
Delta R.T.: -0.005 min
Response: 2897082
Conc: 18.93 ug/ml



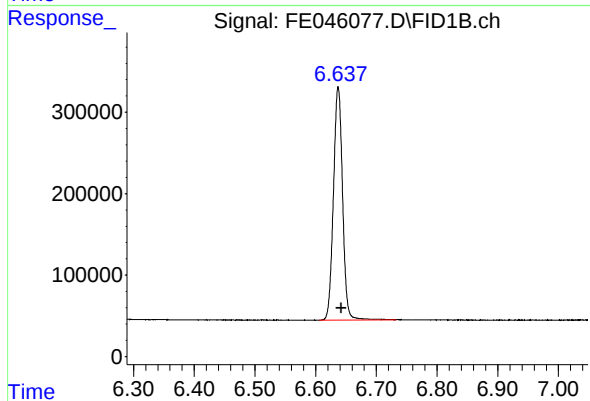
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.005 min
Response: 2966379
Conc: 19.11 ug/ml



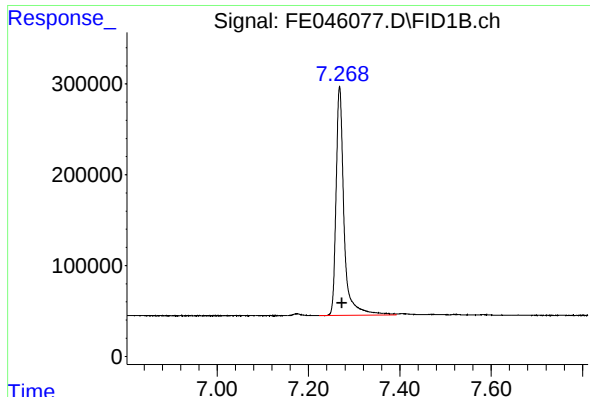
#3 A~Naphthalene (C11.7)

R.T.: 6.172 min
Delta R.T.: -0.005 min
Response: 3165963
Conc: 19.04 ug/ml



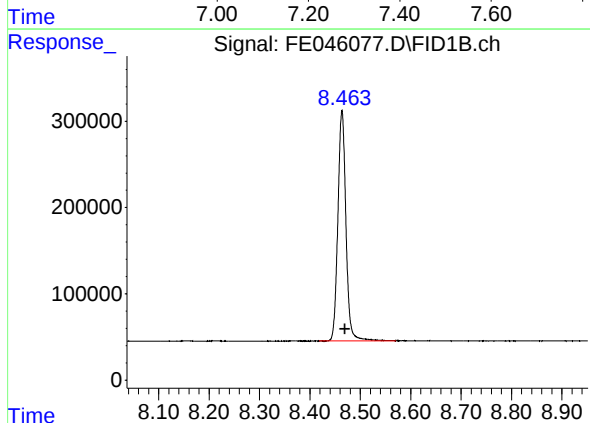
#4 n-Dodecane (C12)

R.T.: 6.637 min
Delta R.T.: -0.005 min
Response: 2999373
Conc: 19.21 ug/ml



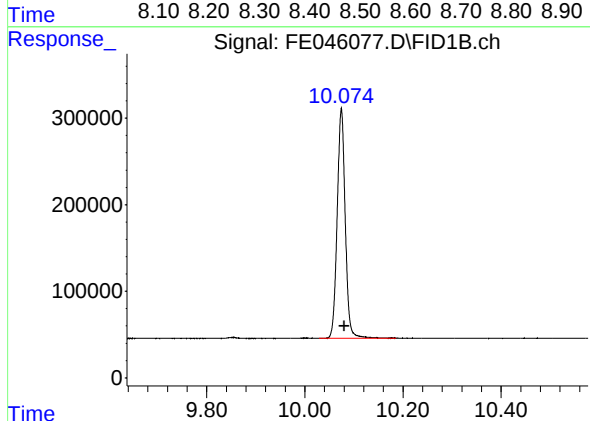
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 3042530
Conc: 19.11 ug/ml



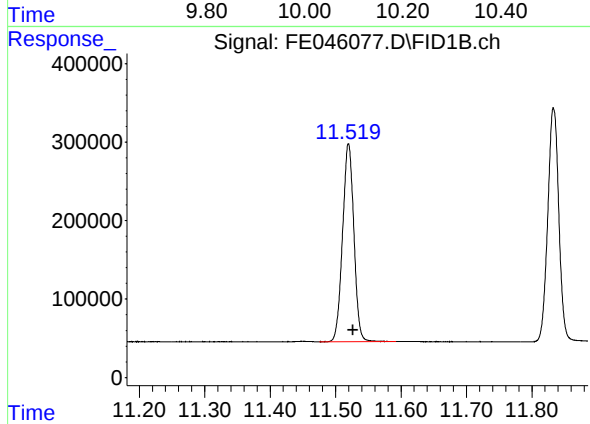
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.006 min
Response: 2964827
Conc: 19.03 ug/ml



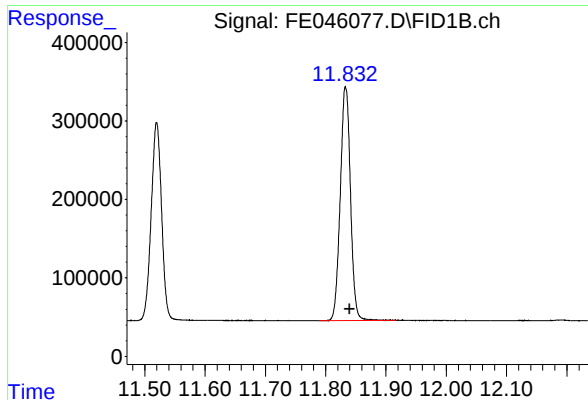
#7 n-Hexadecane (C16)

R.T.: 10.074 min
Delta R.T.: -0.006 min
Response: 3026720
Conc: 19.11 ug/ml



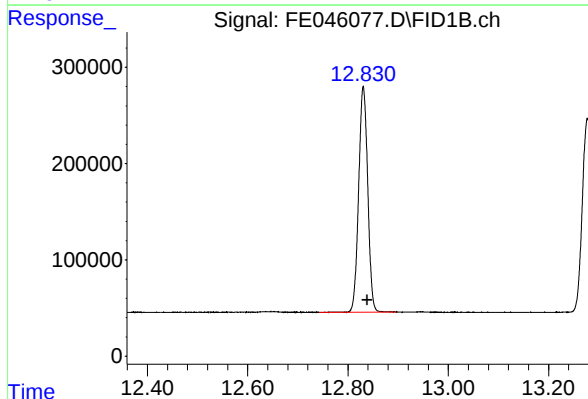
#8 n-Octadecane (C18)

R.T.: 11.520 min
Delta R.T.: -0.007 min
Response: 3027479
Conc: 19.24 ug/ml



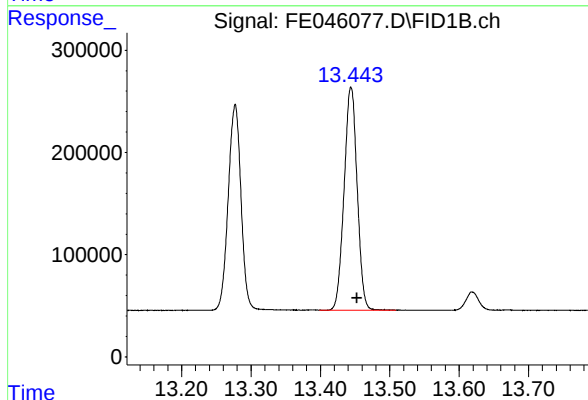
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.007 min
Response: 3499775
Conc: 19.26 ug/ml



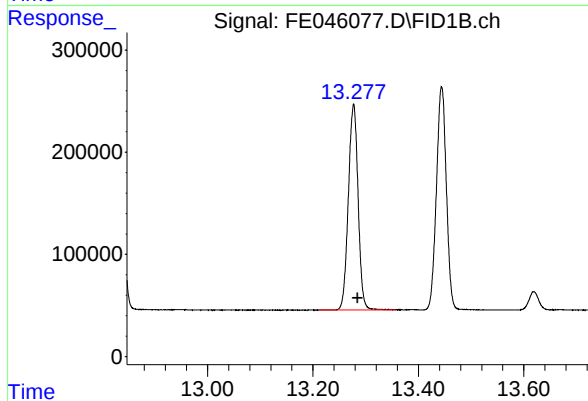
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.008 min
Response: 2933861
Conc: 19.39 ug/ml



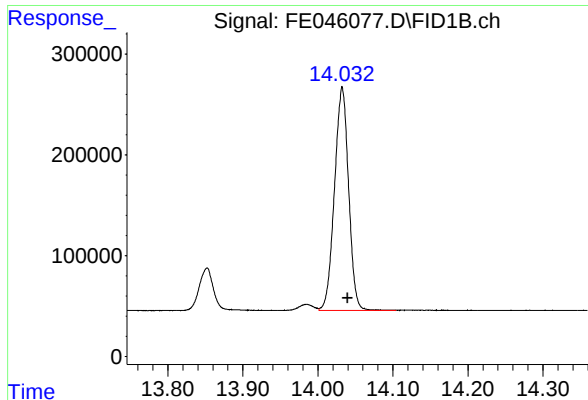
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.008 min
Response: 2851733
Conc: 19.39 ug/ml



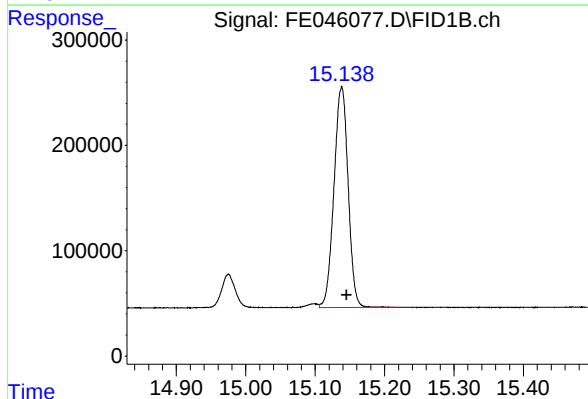
#12 1-chlorooctadecane (SURR)

R.T.: 13.277 min
Delta R.T.: -0.007 min
Response: 2583395
Conc: 19.34 ug/ml



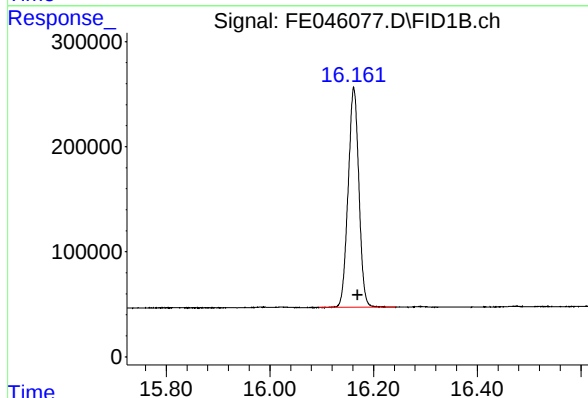
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.007 min
Response: 2892102
Conc: 19.79 ug/ml



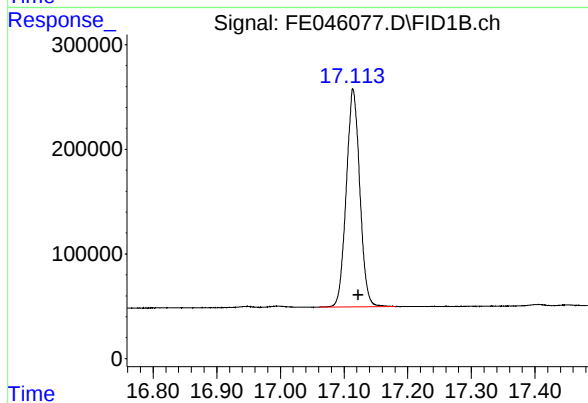
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: -0.007 min
Response: 2966297
Conc: 20.45 ug/ml



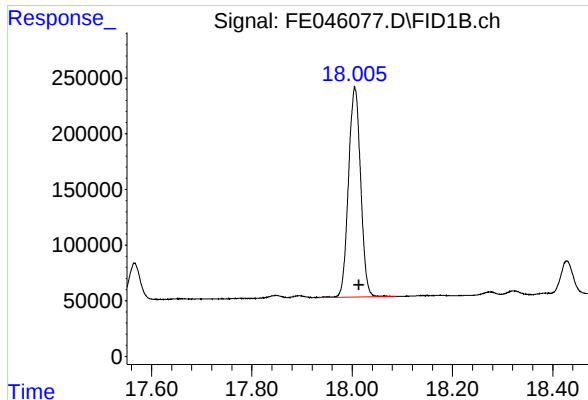
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.008 min
Response: 3013397
Conc: 21.02 ug/ml



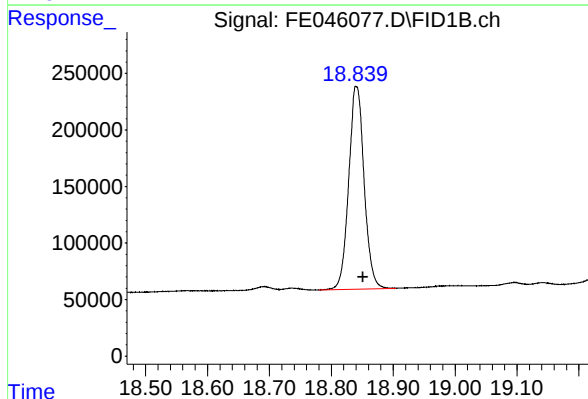
#16 n-Octacosane (C28)

R.T.: 17.114 min
Delta R.T.: -0.008 min
Response: 3077343
Conc: 21.46 ug/ml



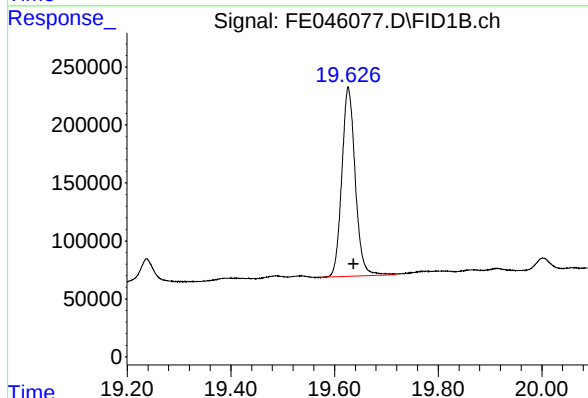
#17 n-Tricontane (C30)

R.T.: 18.005 min
Delta R.T.: -0.009 min
Response: 3174330
Conc: 21.36 ug/ml



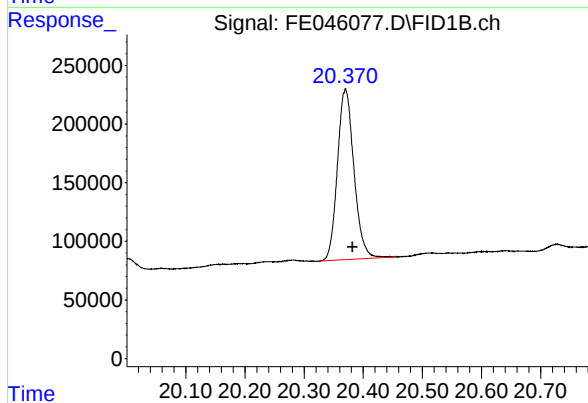
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.011 min
Response: 3103108
Conc: 20.75 ug/ml



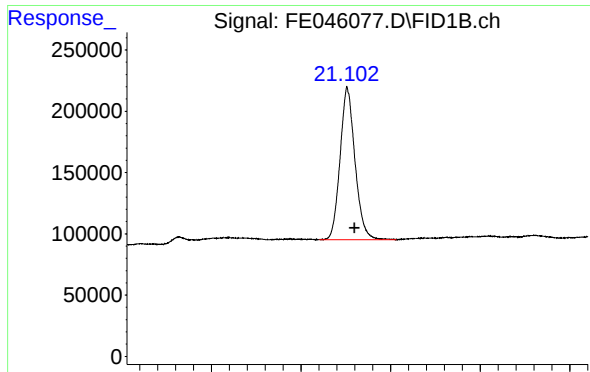
#19 n-Tetatriacontane (C34)

R.T.: 19.627 min
Delta R.T.: -0.010 min
Response: 2930048
Conc: 20.45 ug/ml



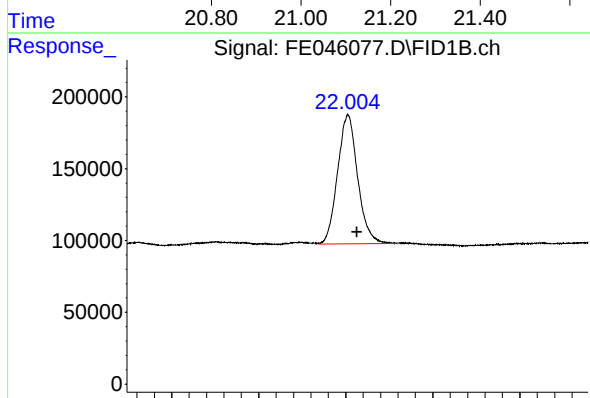
#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.012 min
Response: 2819068
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.017 min
Response: 2870959
Conc: 19.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.020 min
Response: 2874033
Conc: 18.36 ug/ml