

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081125AL\
 Data File : FE055228.D
 Signal(s) : FID1B.ch
 Acq On : 11 Aug 2025 12:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 12 01:21:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 2025
 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)	12.088	2551638	17.868 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
12) S 1-chlorooctadecane (S...	13.525	1934961	17.996 ug/ml
Spiked Amount 50.000		Recovery =	35.99%
Target Compounds			
1) T n-Nonane (C9)	3.425	1984784	17.294 ug/ml
2) T n-Decane (C10)	4.683	2088387	17.927 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2381620	17.743 ug/ml
4) T n-Dodecane (C12)	6.860	2156977	18.113 ug/ml
5) T A~2-methylnaphthalene...	7.506	2327635	17.852 ug/ml
6) T n-Tetradecane (C14)	8.697	2192457	17.882 ug/ml
7) T n-Hexadecane (C16)	10.312	2326430	18.197 ug/ml
8) T n-Octadecane (C18)	11.761	2377036	18.218 ug/ml
10) T n-Eicosane (C20)	13.076	2291798	18.265 ug/ml
11) T n-Heneicosane (C21)	13.691	2228365	18.077 ug/ml
13) T n-Docosane (C22)	14.279	2286127	18.720 ug/ml
14) T n-Tetracosane (C24)	15.386	2444107	20.094 ug/ml
15) T n-Hexacosane (C26)	16.410	2512773	21.002 ug/ml
16) T n-Octacosane (C28)	17.363	2634628	22.210 ug/ml
17) T n-Tricontane (C30)	18.253	2857189	23.220 ug/ml
18) T n-Dotriacontane (C32)	19.087	2844088	23.310 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2533128	21.666 ug/ml
20) T n-Hexatriacontane (C36)	20.614	2258763	20.666 ug/ml
21) T n-Octatriacontane (C38)	21.396	2093756	19.374 ug/ml
22) T n-Tetracontane (C40)	22.389	2030072	19.413 ug/ml

(f)=RT Delta > 1/2 Window

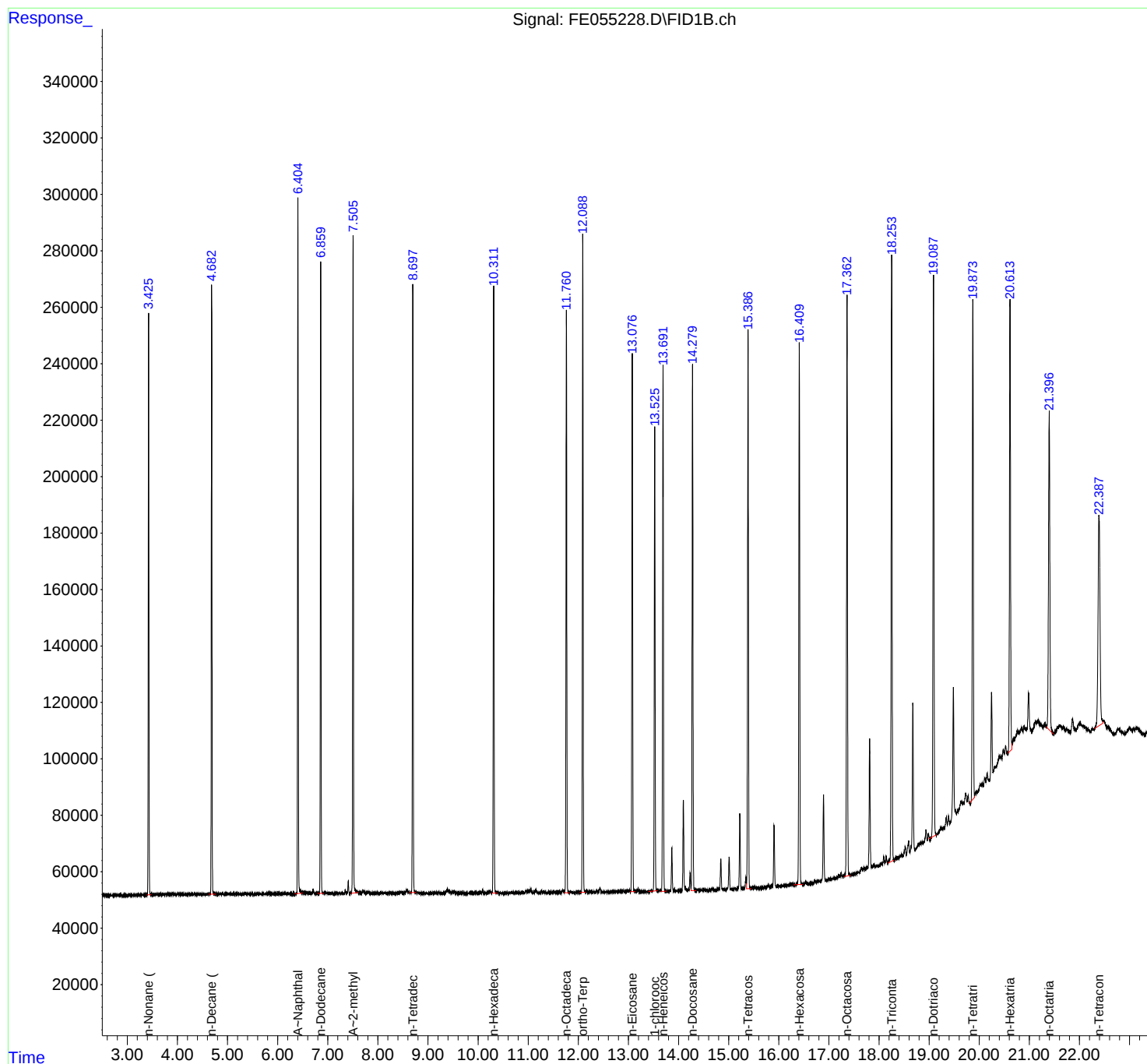
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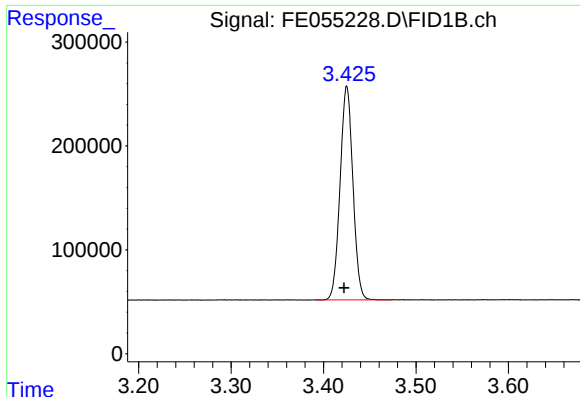
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081125AL\
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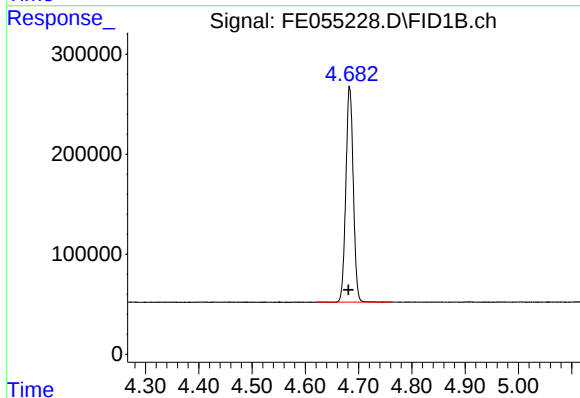




#1 n-Nonane (C9)

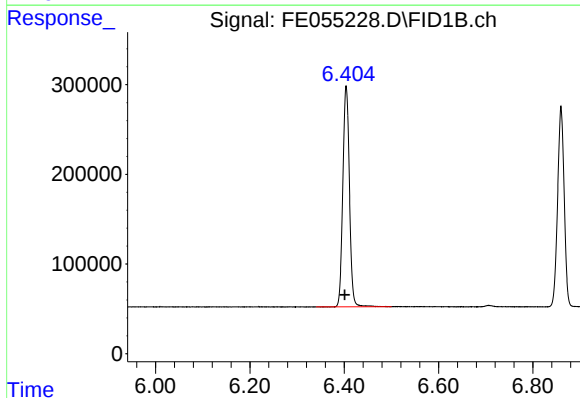
R.T.: 3.425 min
Delta R.T.: 0.003 min
Response: 1984784
Conc: 17.29 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



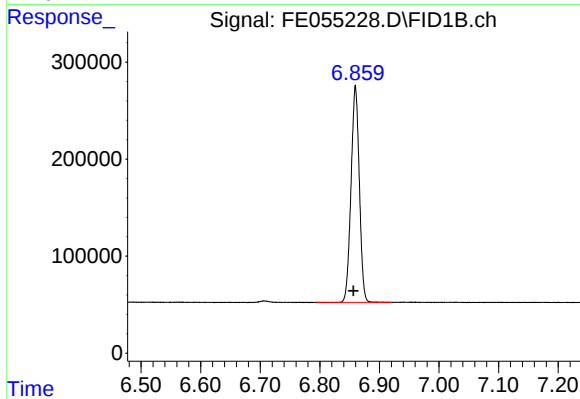
#2 n-Decane (C10)

R.T.: 4.683 min
Delta R.T.: 0.003 min
Response: 2088387
Conc: 17.93 ug/ml



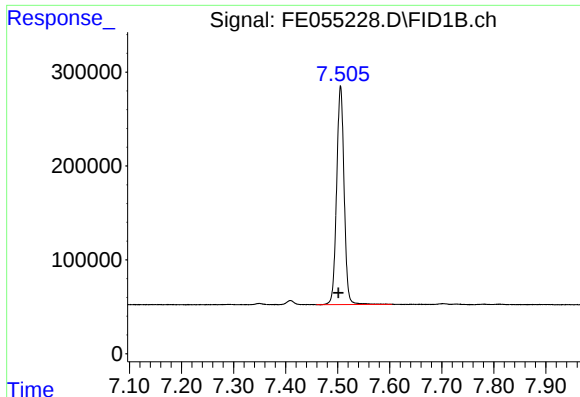
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.003 min
Response: 2381620
Conc: 17.74 ug/ml



#4 n-Dodecane (C12)

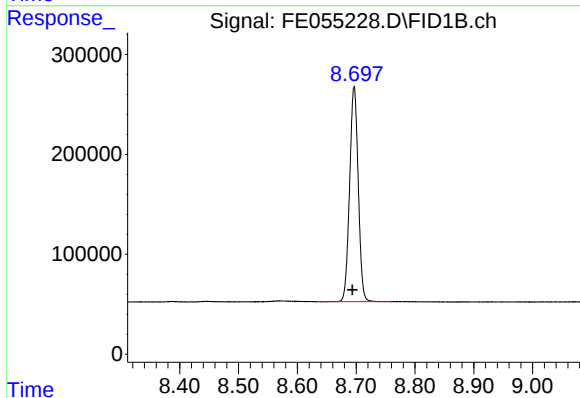
R.T.: 6.860 min
Delta R.T.: 0.003 min
Response: 2156977
Conc: 18.11 ug/ml



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

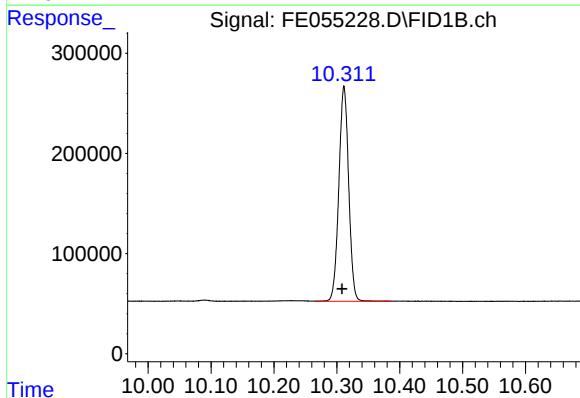
R.T.: 7.506 min
Delta R.T.: 0.004 min
Response: 2327635
Conc: 17.85 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



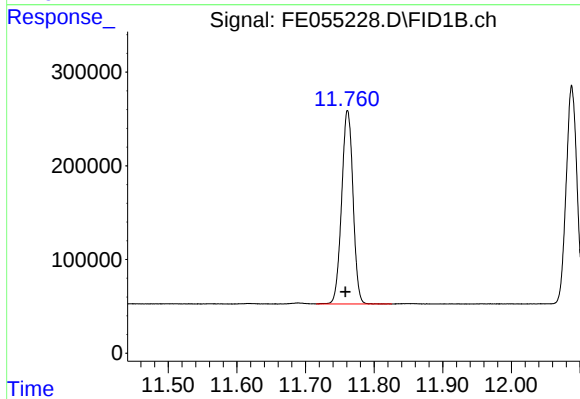
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 2192457
Conc: 17.88 ug/ml



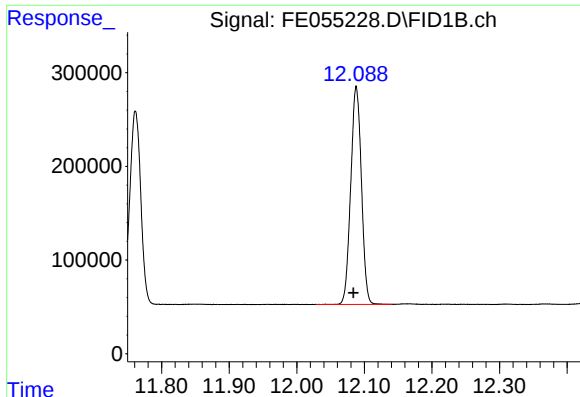
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 2326430
Conc: 18.20 ug/ml



#8 n-Octadecane (C18)

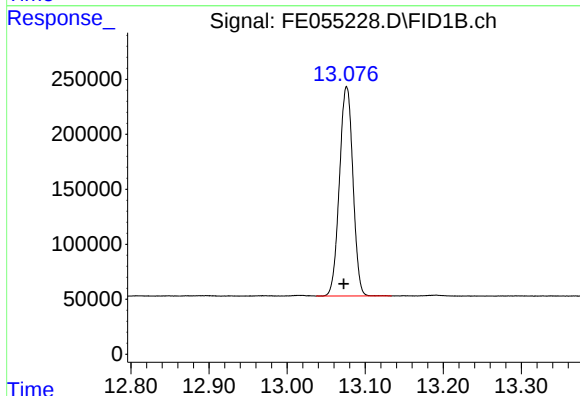
R.T.: 11.761 min
Delta R.T.: 0.004 min
Response: 2377036
Conc: 18.22 ug/ml



#9 ortho-Terphenyl (SURR)

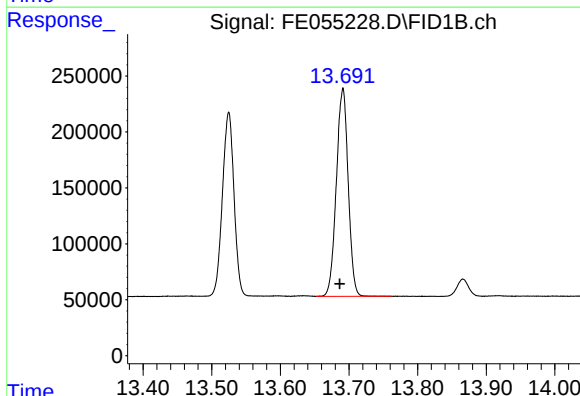
R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 2551638
Conc: 17.87 ug/ml

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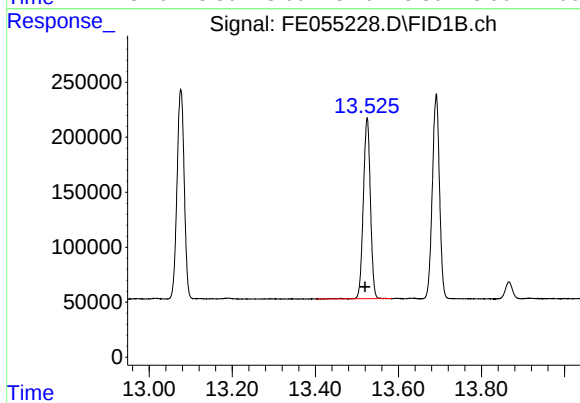
#10 n-Eicosane (C20)

R.T.: 13.076 min
Delta R.T.: 0.004 min
Response: 2291798
Conc: 18.27 ug/ml



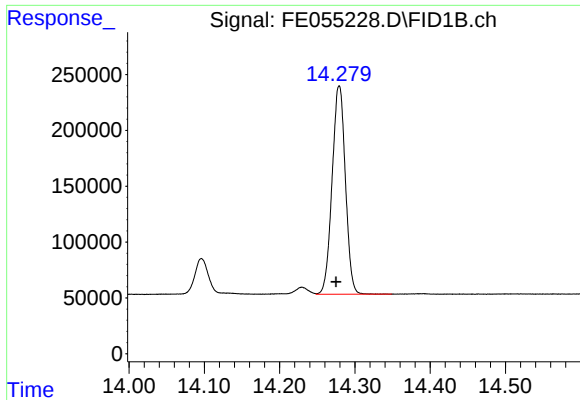
#11 n-Heneicosane (C21)

R.T.: 13.691 min
Delta R.T.: 0.005 min
Response: 2228365
Conc: 18.08 ug/ml



#12 1-chlorooctadecane (SURR)

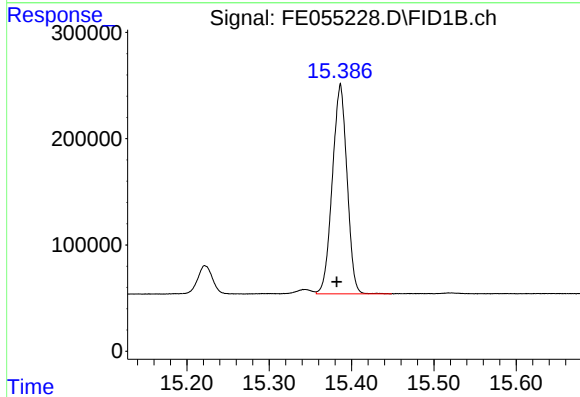
R.T.: 13.525 min
Delta R.T.: 0.004 min
Response: 1934961
Conc: 18.00 ug/ml



#13 n-Docosane (C22)

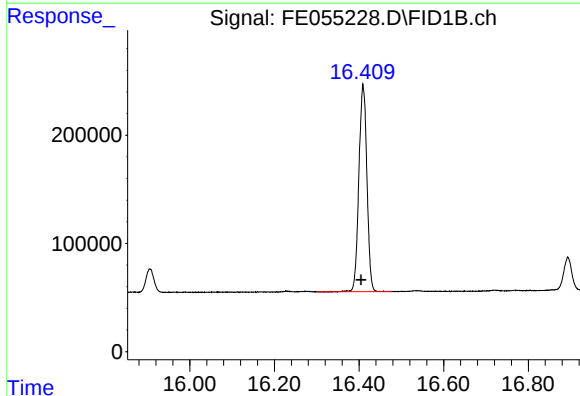
R.T.: 14.279 min
Delta R.T.: 0.004 min
Response: 2286127
Conc: 18.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



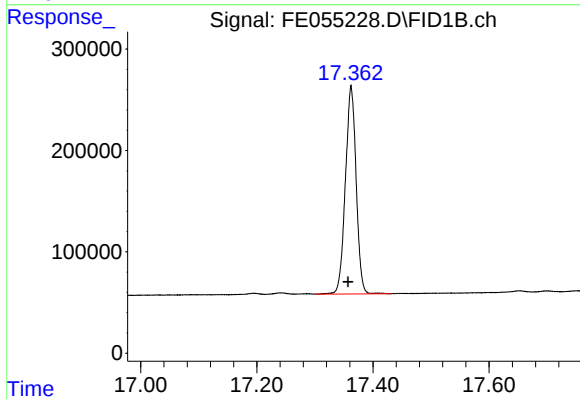
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.005 min
Response: 2444107
Conc: 20.09 ug/ml



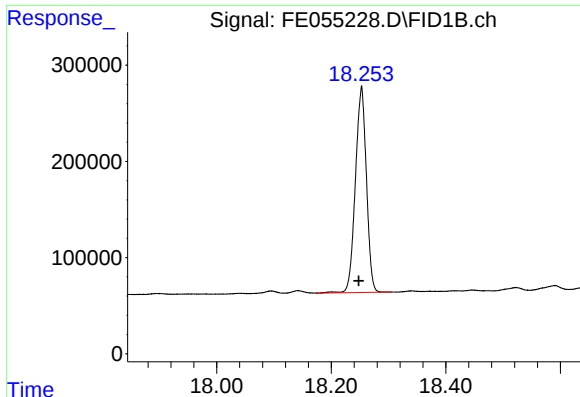
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 2512773
Conc: 21.00 ug/ml



#16 n-Octacosane (C28)

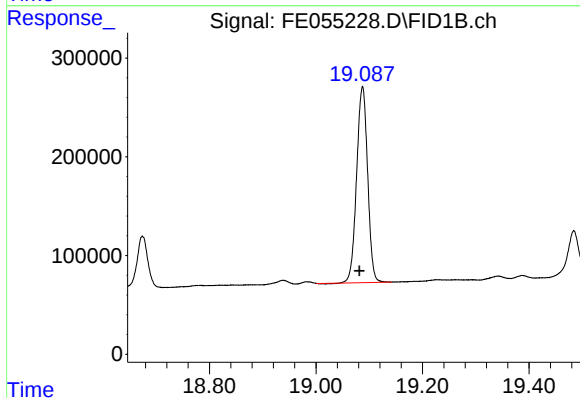
R.T.: 17.363 min
Delta R.T.: 0.006 min
Response: 2634628
Conc: 22.21 ug/ml



#17 n-Tricontane (C30)

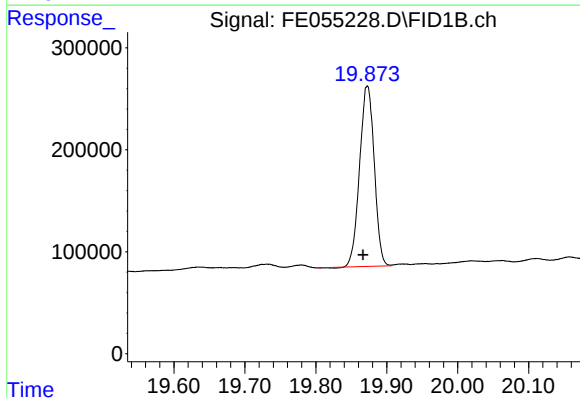
R.T.: 18.253 min
Delta R.T.: 0.005 min
Response: 2857189
Conc: 23.22 ug/ml

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20 PPM ALIPHATIC HC STD



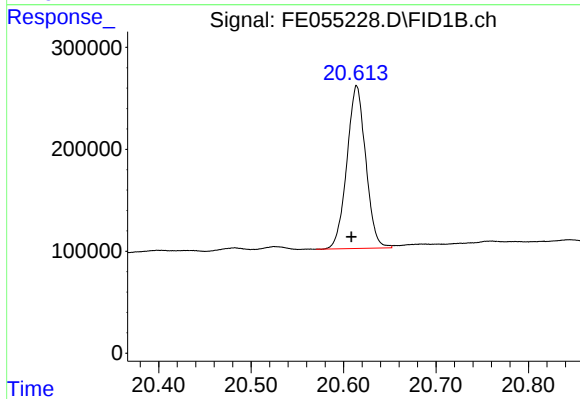
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.006 min
Response: 2844088
Conc: 23.31 ug/ml



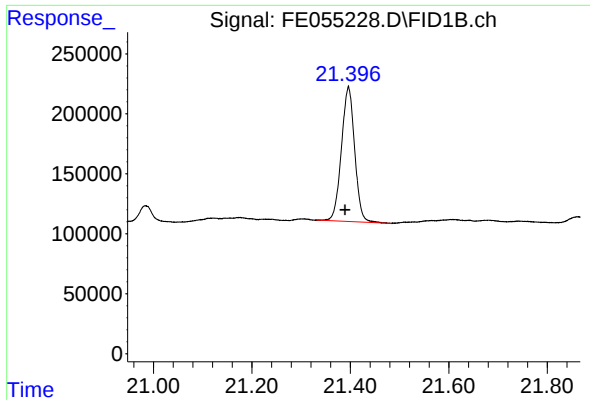
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.006 min
Response: 2533128
Conc: 21.67 ug/ml



#20 n-Hexatriacontane (C36)

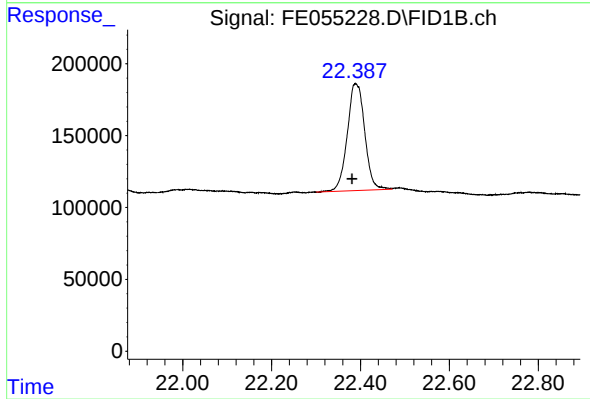
R.T.: 20.614 min
Delta R.T.: 0.006 min
Response: 2258763
Conc: 20.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.396 min
Delta R.T.: 0.007 min
Response: 2093756
Conc: 19.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.389 min
Delta R.T.: 0.008 min
Response: 2030072
Conc: 19.41 ug/ml