

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041925AL\
 Data File : FE053422.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2025 19:22
 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: Apr 19 03:52:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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

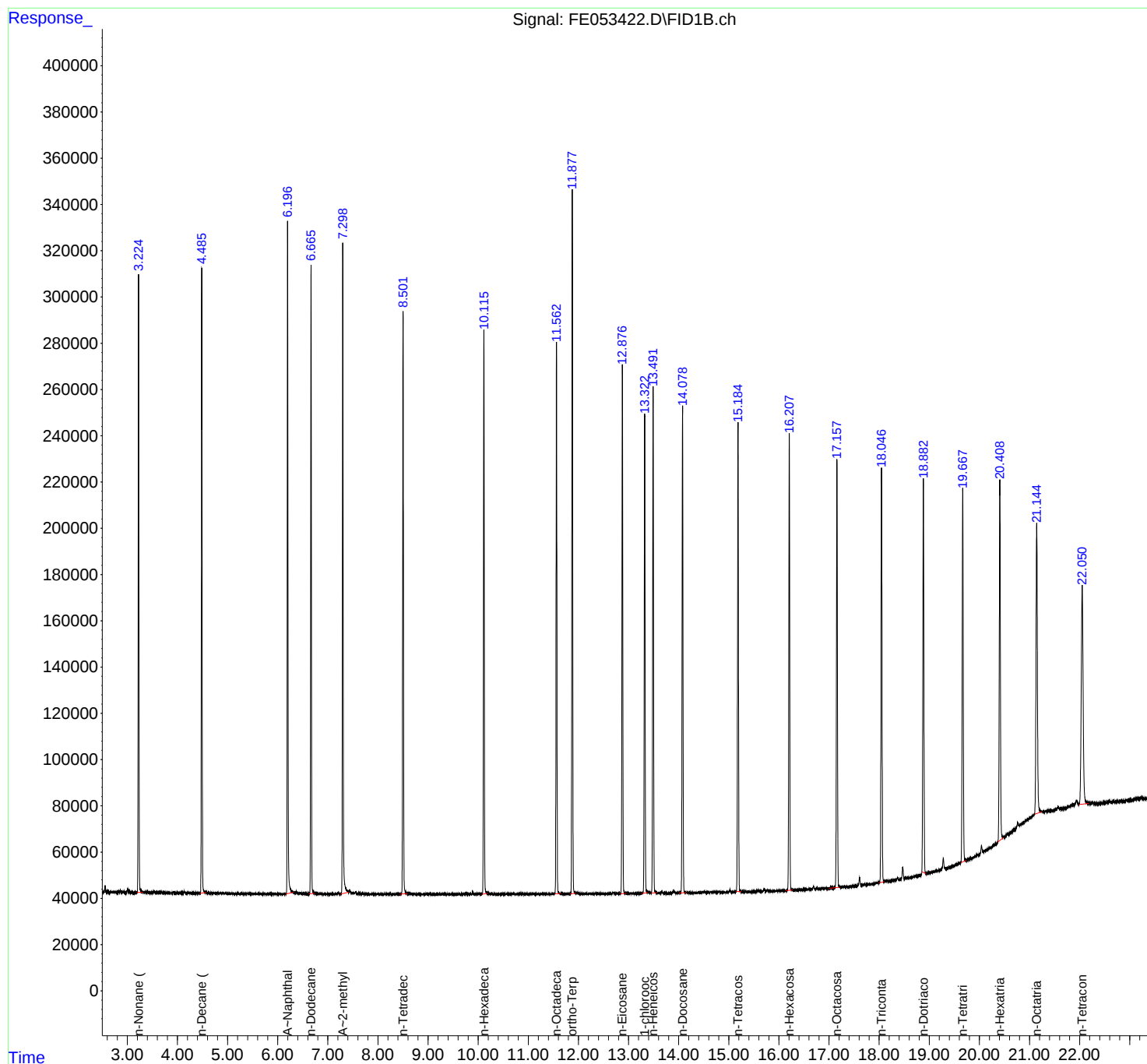
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.877	3386452	18.776 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
12) S 1-chlorooctadecane (S...	13.322	2518212	18.629 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T n-Nonane (C9)	3.224	2719223	19.833 ug/ml
2) T n-Decane (C10)	4.485	2748786	19.870 ug/ml
3) T A~Naphthalene (C11.7)	6.197	3013207	19.962 ug/ml
4) T n-Dodecane (C12)	6.666	2777724	19.806 ug/ml
5) T A~2-methylnaphthalene...	7.299	2992801	20.045 ug/ml
6) T n-Tetradecane (C14)	8.501	2753956	19.630 ug/ml
7) T n-Hexadecane (C16)	10.114	2759926	19.257 ug/ml
8) T n-Octadecane (C18)	11.563	2761841	18.951 ug/ml
10) T n-Eicosane (C20)	12.877	2717096	18.673 ug/ml
11) T n-Heneicosane (C21)	13.491	2693847	18.598 ug/ml
13) T n-Docosane (C22)	14.078	2667421	18.485 ug/ml
14) T n-Tetracosane (C24)	15.184	2615477	18.209 ug/ml
15) T n-Hexacosane (C26)	16.207	2566430	18.121 ug/ml
16) T n-Octacosane (C28)	17.159	2521180	18.122 ug/ml
17) T n-Tricontane (C30)	18.048	2533198	18.199 ug/ml
18) T n-Dotriacontane (C32)	18.882	2487617	18.117 ug/ml
19) T n-Tetratriacontane (C34)	19.668	2438189	18.713 ug/ml
20) T n-Hexatriacontane (C36)	20.408	2441114	19.336 ug/ml
21) T n-Octatriacontane (C38)	21.144	2426536	19.917 ug/ml
22) T n-Tetracontane (C40)	22.051	2442253	20.451 ug/ml

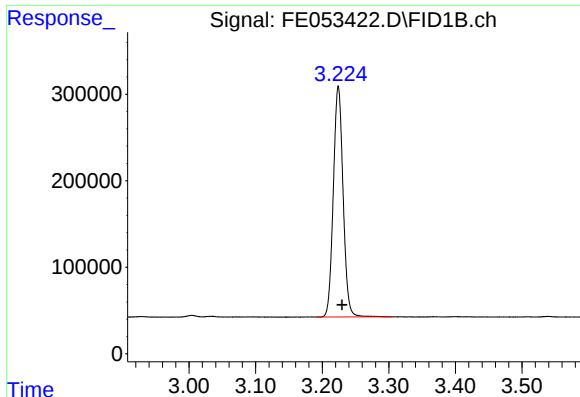
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

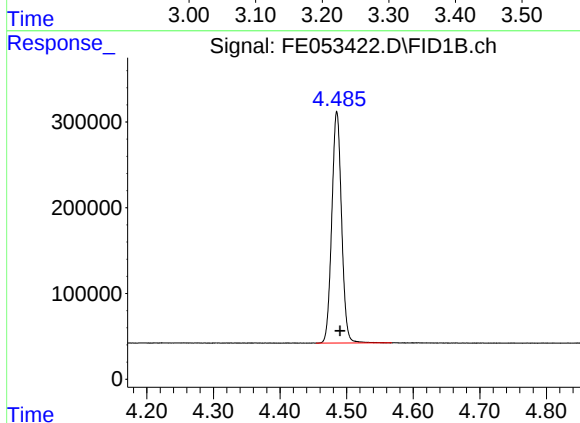




#1 n-Nonane (C9)

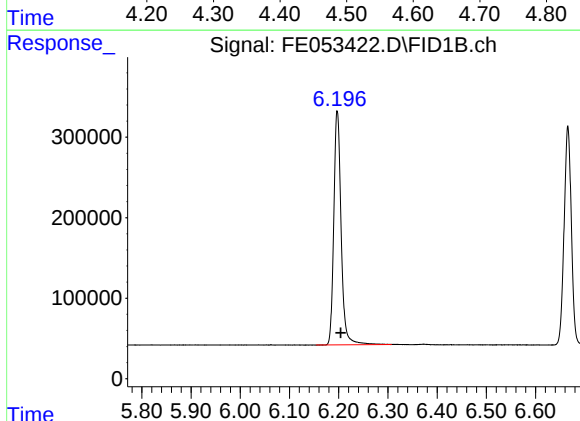
R.T.: 3.224 min
Delta R.T.: -0.006 min
Response: 2719223
Conc: 19.83 ug/ml

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20 PPM ALIPHATIC HC STD



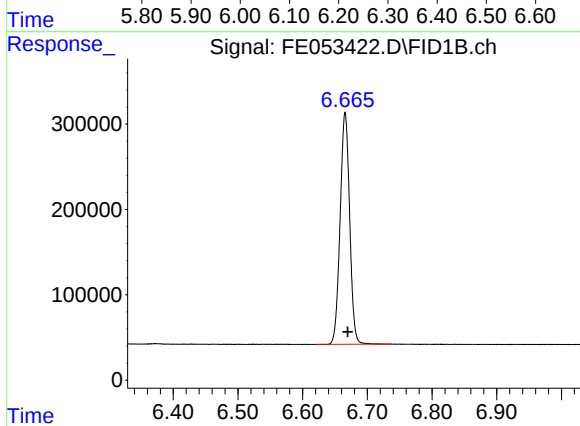
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.005 min
Response: 2748786
Conc: 19.87 ug/ml



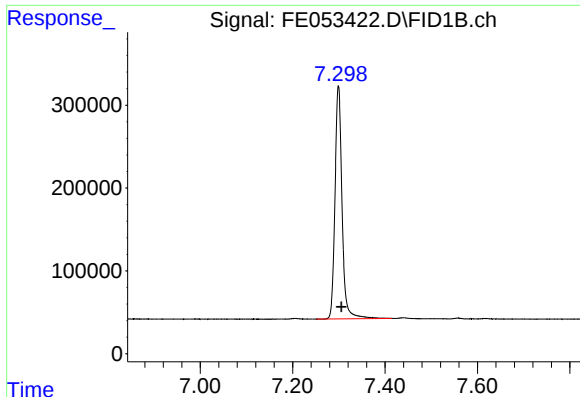
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 3013207
Conc: 19.96 ug/ml



#4 n-Dodecane (C12)

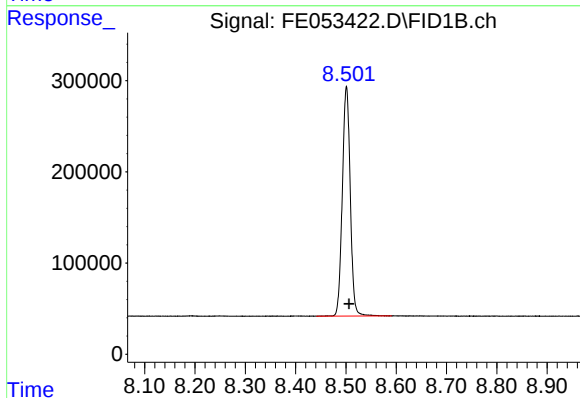
R.T.: 6.666 min
Delta R.T.: -0.004 min
Response: 2777724
Conc: 19.81 ug/ml



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

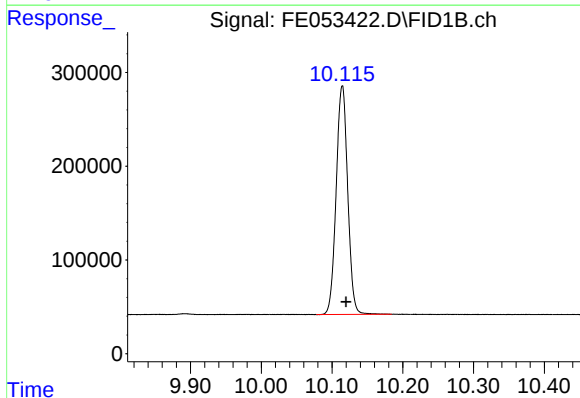
R.T.: 7.299 min
Delta R.T.: -0.007 min
Response: 2992801
Conc: 20.05 ug/ml

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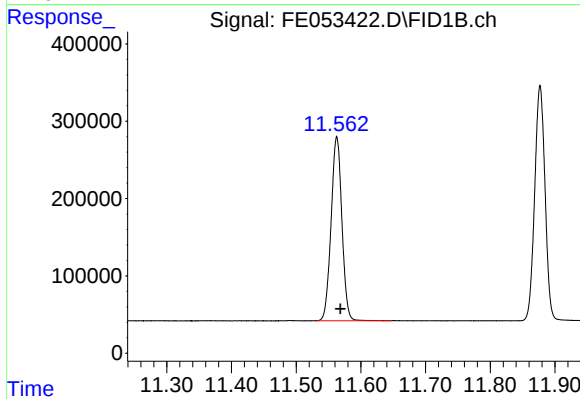
#6 n-Tetradecane (C14)

R.T.: 8.501 min
Delta R.T.: -0.005 min
Response: 2753956
Conc: 19.63 ug/ml



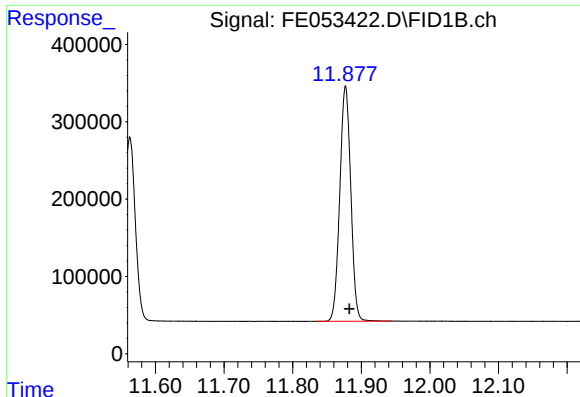
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.006 min
Response: 2759926
Conc: 19.26 ug/ml



#8 n-Octadecane (C18)

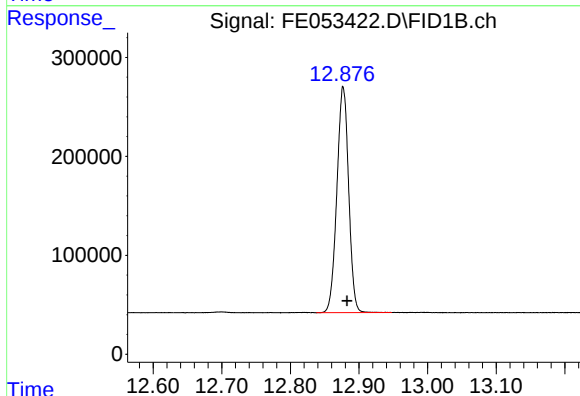
R.T.: 11.563 min
Delta R.T.: -0.005 min
Response: 2761841
Conc: 18.95 ug/ml



#9 ortho-Terphenyl (SURR)

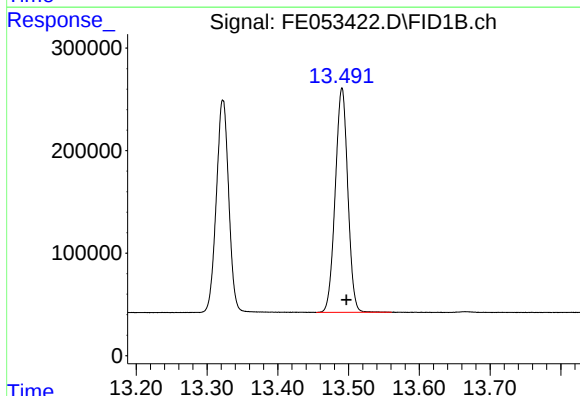
R.T.: 11.877 min
Delta R.T.: -0.006 min
Response: 3386452
Conc: 18.78 ug/ml

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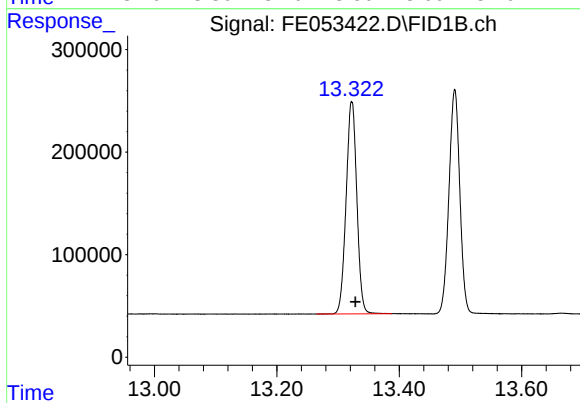
#10 n-Eicosane (C20)

R.T.: 12.877 min
Delta R.T.: -0.006 min
Response: 2717096
Conc: 18.67 ug/ml



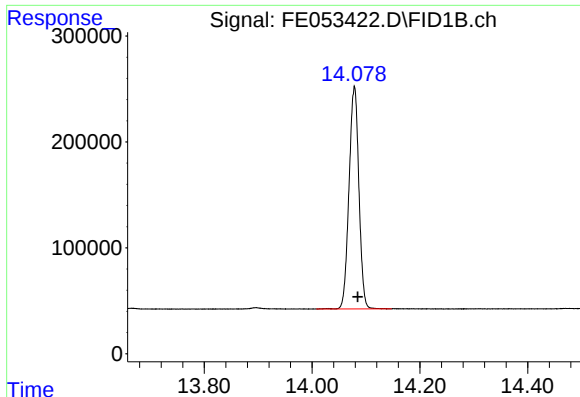
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: -0.007 min
Response: 2693847
Conc: 18.60 ug/ml



#12 1-chlorooctadecane (SURR)

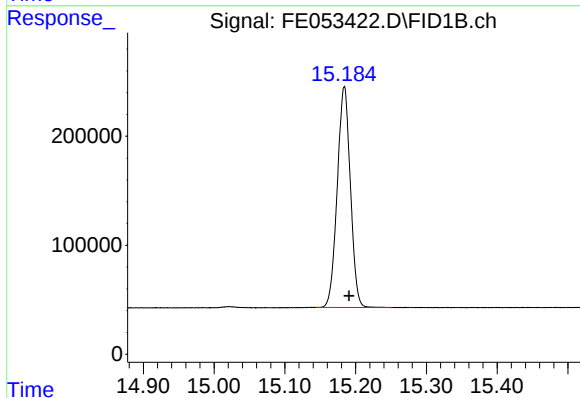
R.T.: 13.322 min
Delta R.T.: -0.006 min
Response: 2518212
Conc: 18.63 ug/ml



#13 n-Docosane (C22)

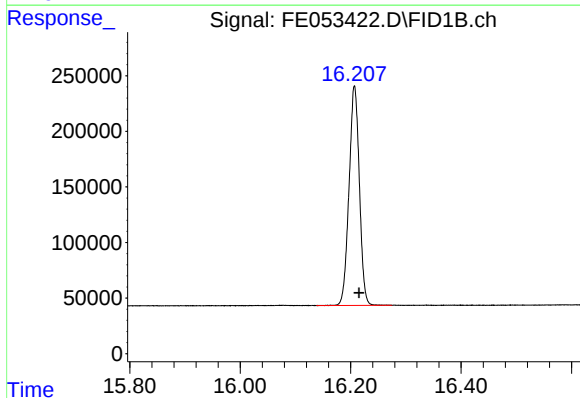
R.T.: 14.078 min
Delta R.T.: -0.007 min
Response: 2667421
Conc: 18.48 ug/ml

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20 PPM ALIPHATIC HC STD



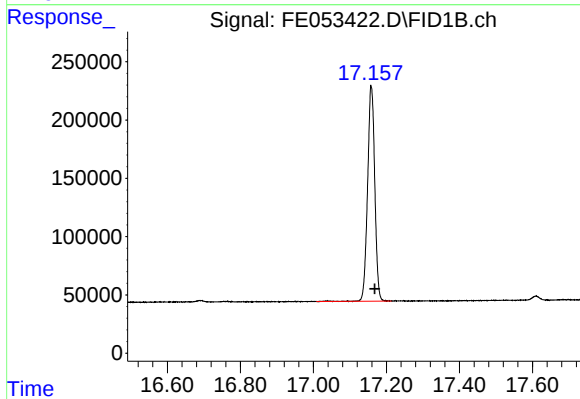
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.007 min
Response: 2615477
Conc: 18.21 ug/ml



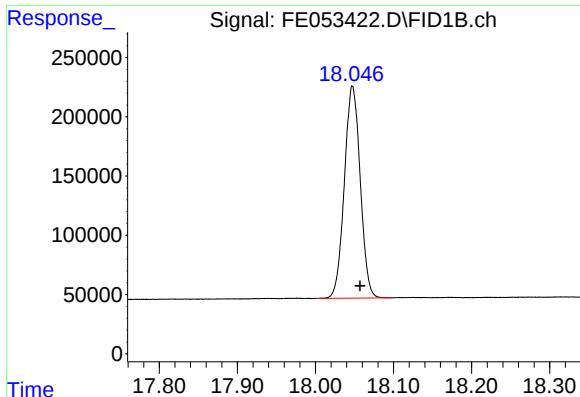
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.008 min
Response: 2566430
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

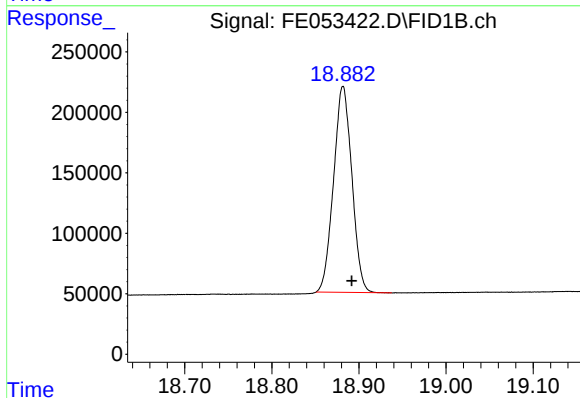
R.T.: 17.159 min
Delta R.T.: -0.010 min
Response: 2521180
Conc: 18.12 ug/ml



#17 n-Tricontane (C30)

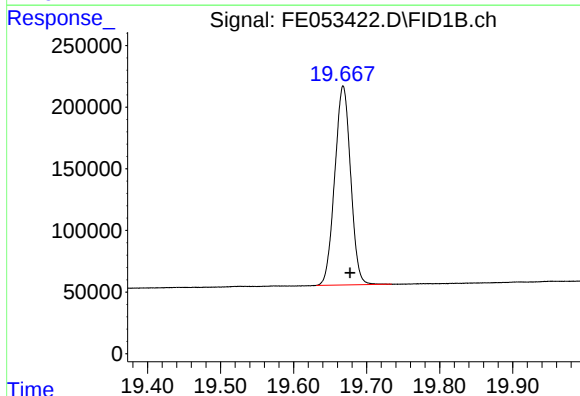
R.T.: 18.048 min
Delta R.T.: -0.009 min
Response: 2533198
Conc: 18.20 ug/ml

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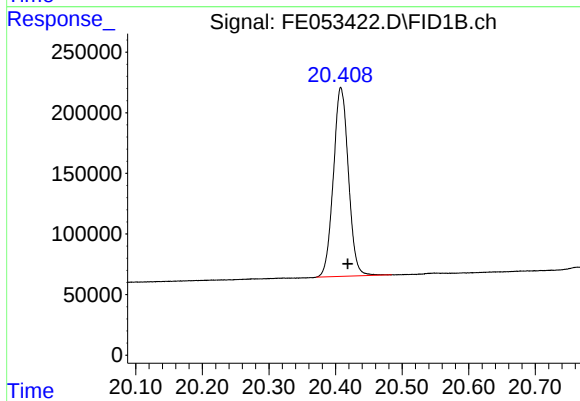
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: -0.010 min
Response: 2487617
Conc: 18.12 ug/ml



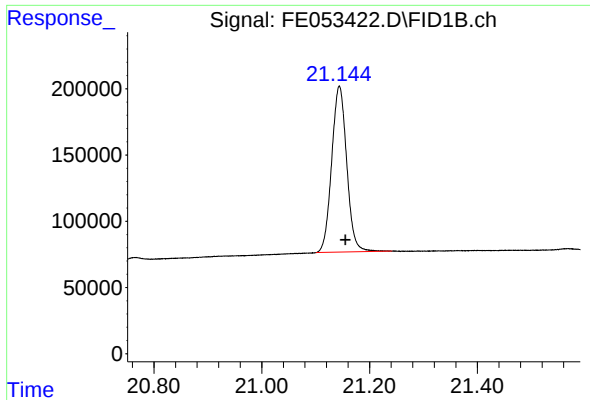
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.010 min
Response: 2438189
Conc: 18.71 ug/ml



#20 n-Hexatriacontane (C36)

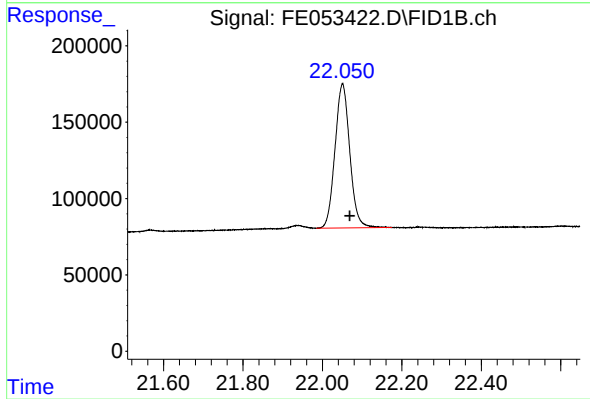
R.T.: 20.408 min
Delta R.T.: -0.010 min
Response: 2441114
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.144 min
Delta R.T.: -0.011 min
Response: 2426536
Conc: 19.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.051 min
Delta R.T.: -0.018 min
Response: 2442253
Conc: 20.45 ug/ml