

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112125AL\
 Data File : FE056979.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 2025 13:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 21 22:12:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.944	3929088	18.807 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
12) S 1-chlorooctadecane (S...	13.382	2967893	18.421 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
Target Compounds			
1) T n-Nonane (C9)	3.306	3508971	20.891 ug/ml
2) T n-Decane (C10)	4.558	3619872	21.096 ug/ml
3) T A~Naphthalene (C11.7)	6.273	3655090	19.802 ug/ml
4) T n-Dodecane (C12)	6.729	3670688	21.104 ug/ml
5) T A~2-methylnaphthalene...	7.372	3433378	19.373 ug/ml
6) T n-Tetradecane (C14)	8.562	3615172	20.711 ug/ml
7) T n-Hexadecane (C16)	10.174	3670336	20.061 ug/ml
8) T n-Octadecane (C18)	11.621	3681080	19.449 ug/ml
10) T n-Eicosane (C20)	12.934	3496410	18.761 ug/ml
11) T n-Heneicosane (C21)	13.548	3414385	18.568 ug/ml
13) T n-Docosane (C22)	14.135	3404179	18.185 ug/ml
14) T n-Tetracosane (C24)	15.240	3385571	17.285 ug/ml
15) T n-Hexacosane (C26)	16.264	3345857	17.217 ug/ml
16) T n-Octacosane (C28)	17.216	3383781	17.473 ug/ml
17) T n-Tricontane (C30)	18.106	3570614	17.809 ug/ml
18) T n-Dotriacontane (C32)	18.939	3592170	18.267 ug/ml
19) T n-Tetratriacontane (C34)	19.724	3318255	19.224 ug/ml
20) T n-Hexatriacontane (C36)	20.466	2918545	20.176 ug/ml
21) T n-Octatriacontane (C38)	21.213	2761225	21.939 ug/ml
22) T n-Tetracontane (C40)	22.144	2714118	23.476 ug/ml

(f)=RT Delta > 1/2 Window

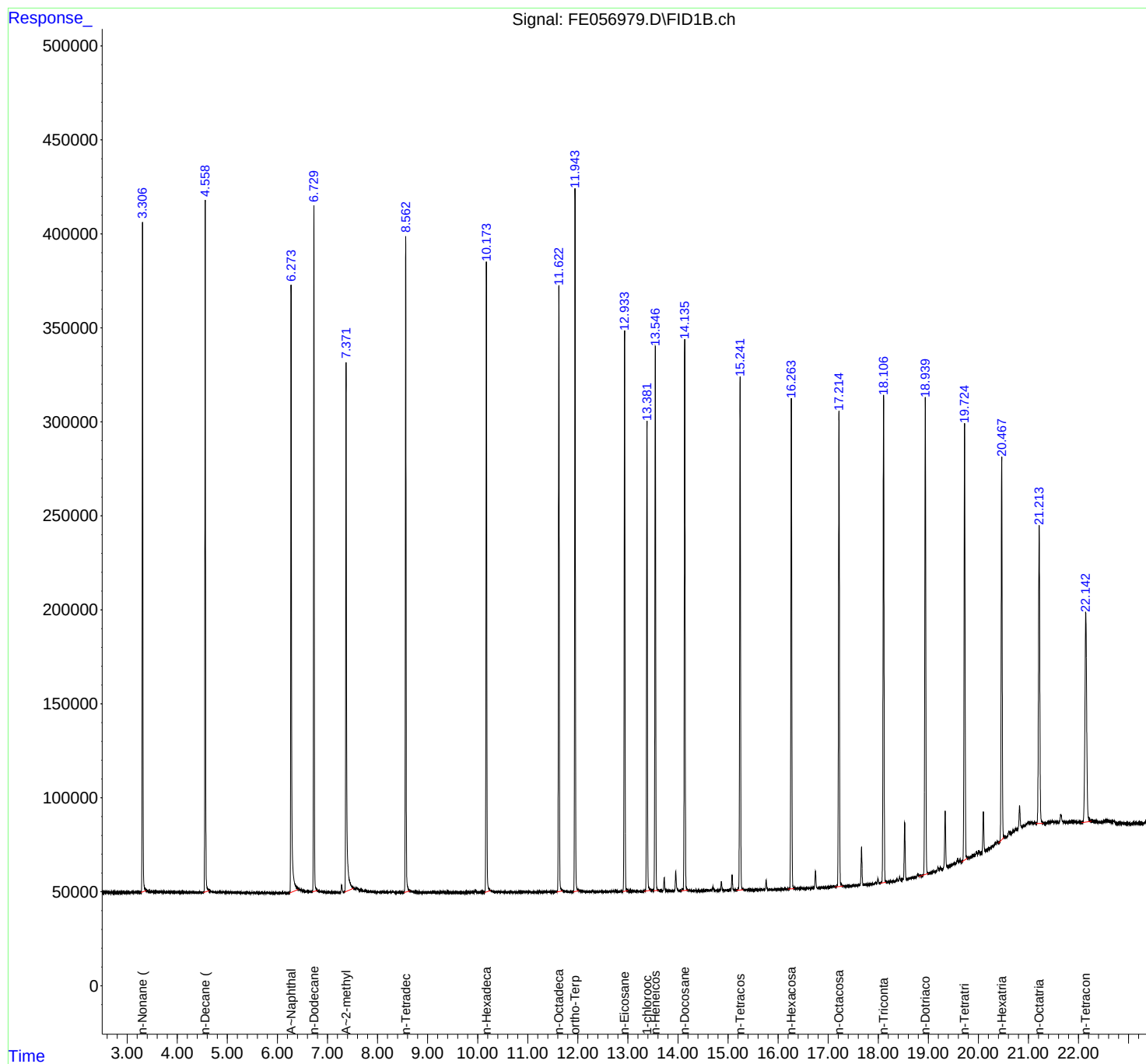
(m)=manual int.

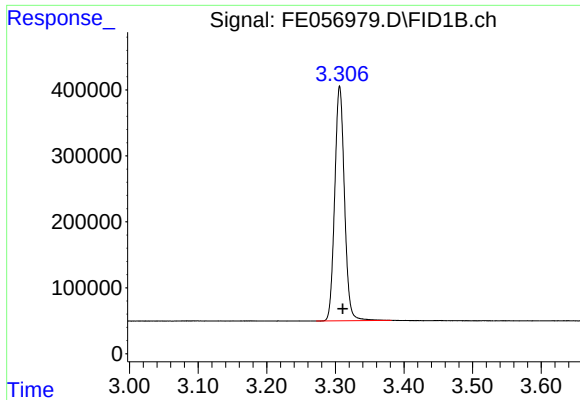
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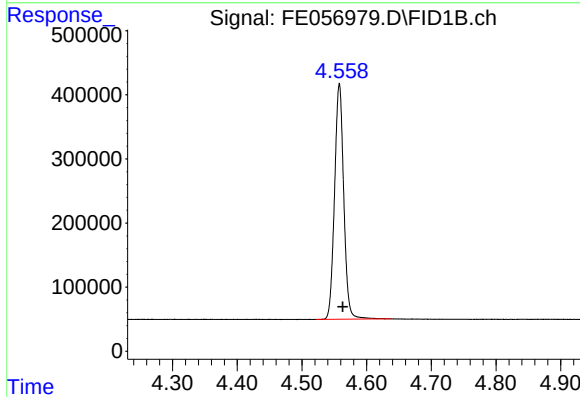




#1 n-Nonane (C9)

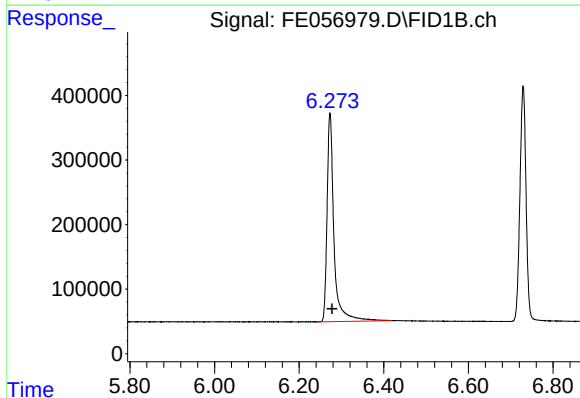
R.T.: 3.306 min
Delta R.T.: -0.005 min
Response: 3508971
Conc: 20.89 ug/ml

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20 PPM ALIPHATIC HC STD



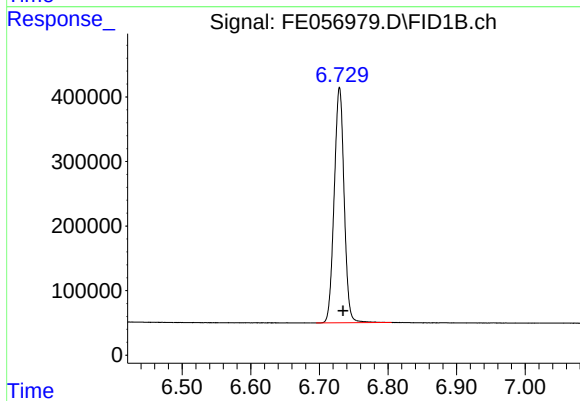
#2 n-Decane (C10)

R.T.: 4.558 min
Delta R.T.: -0.005 min
Response: 3619872
Conc: 21.10 ug/ml



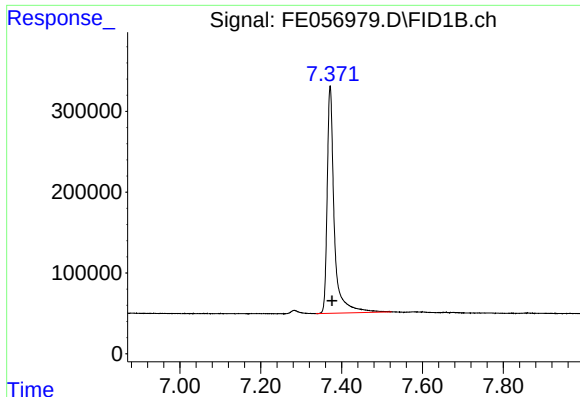
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.004 min
Response: 3655090
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

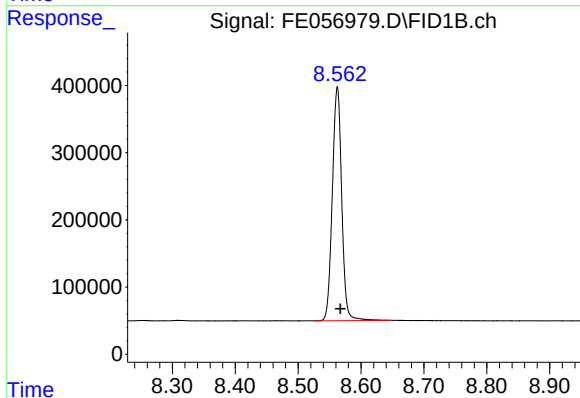
R.T.: 6.729 min
Delta R.T.: -0.005 min
Response: 3670688
Conc: 21.10 ug/ml



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

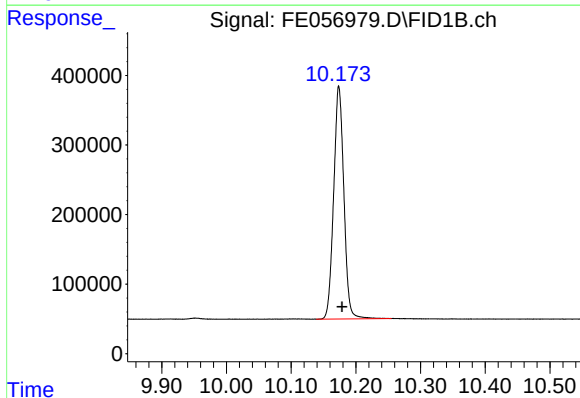
R.T.: 7.372 min
Delta R.T.: -0.005 min
Response: 3433378
Conc: 19.37 ug/ml

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20 PPM ALIPHATIC HC STD



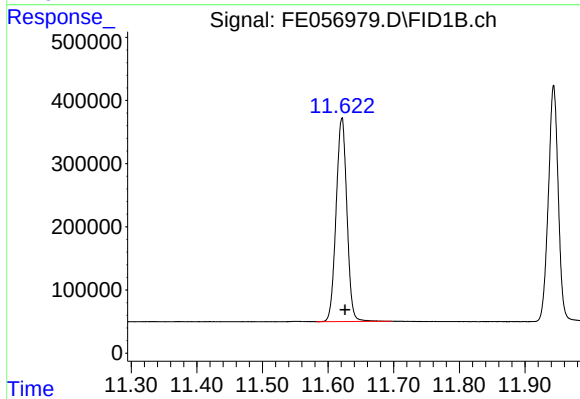
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 3615172
Conc: 20.71 ug/ml



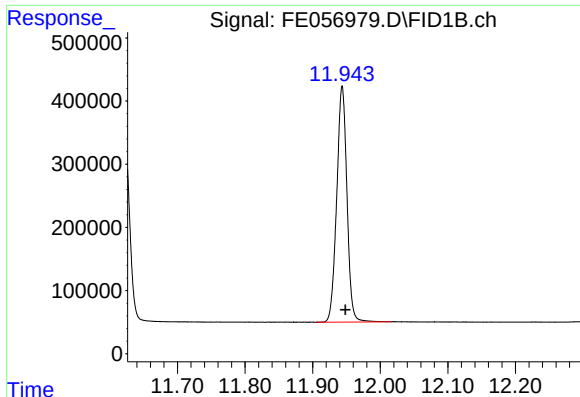
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: -0.005 min
Response: 3670336
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

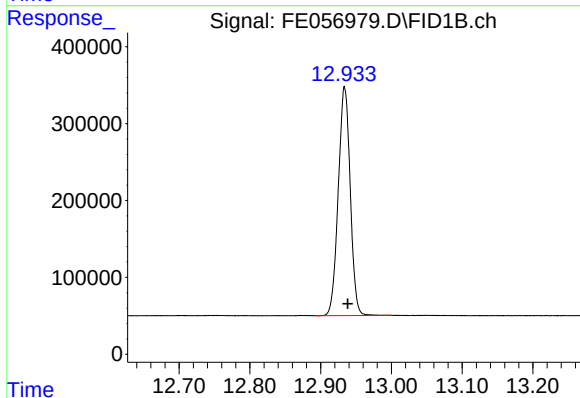
R.T.: 11.621 min
Delta R.T.: -0.005 min
Response: 3681080
Conc: 19.45 ug/ml



#9 ortho-Terphenyl (SURR)

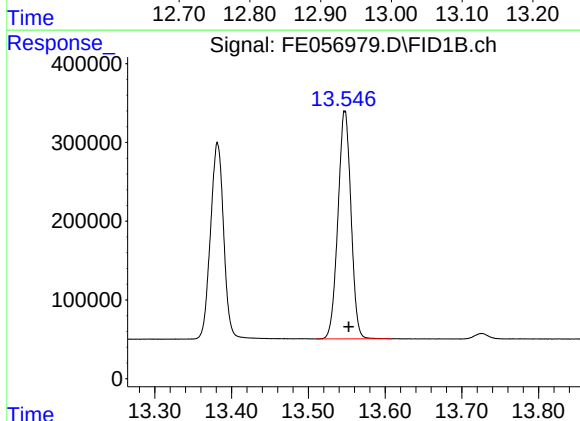
R.T.: 11.944 min
Delta R.T.: -0.005 min
Response: 3929088
Conc: 18.81 ug/ml

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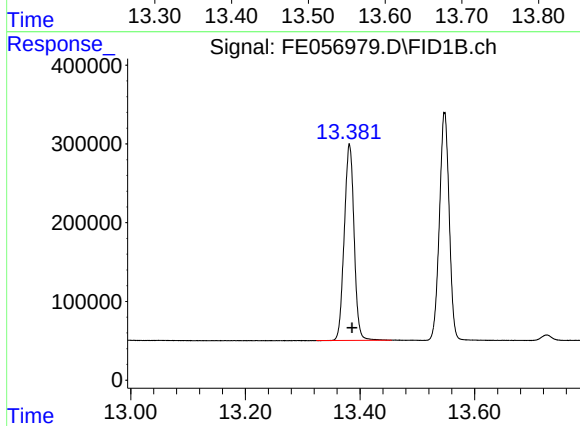
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.005 min
Response: 3496410
Conc: 18.76 ug/ml



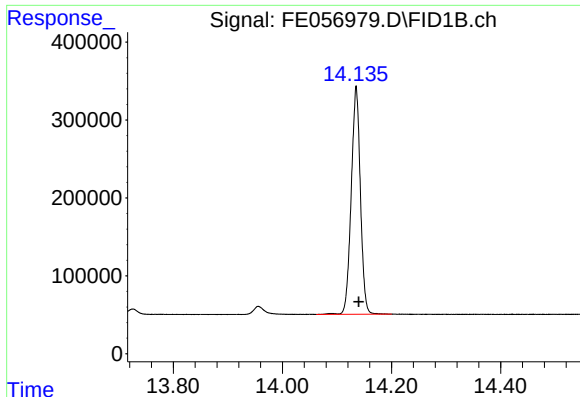
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.005 min
Response: 3414385
Conc: 18.57 ug/ml



#12 1-chlorooctadecane (SURR)

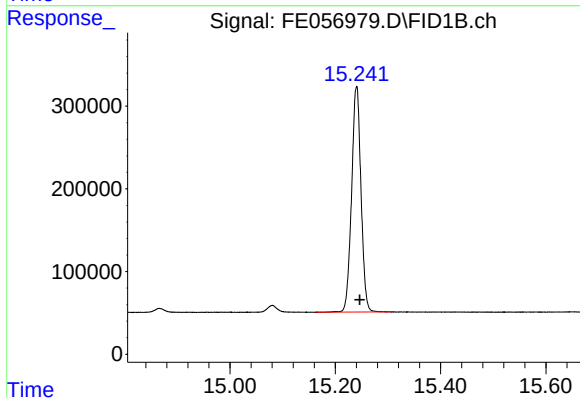
R.T.: 13.382 min
Delta R.T.: -0.005 min
Response: 2967893
Conc: 18.42 ug/ml



#13 n-Docosane (C22)

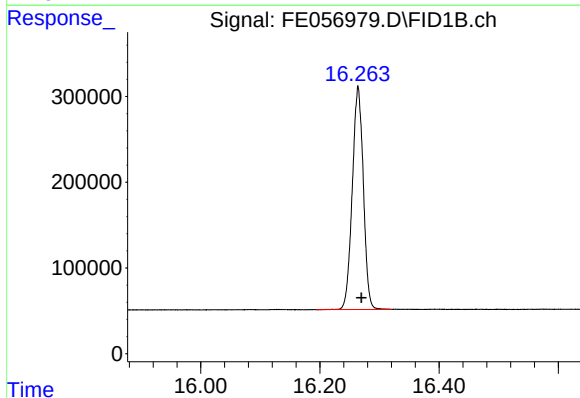
R.T.: 14.135 min
Delta R.T.: -0.005 min
Response: 3404179
Conc: 18.18 ug/ml

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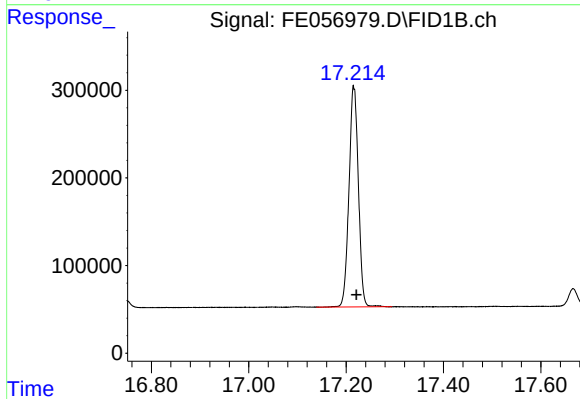
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.006 min
Response: 3385571
Conc: 17.29 ug/ml



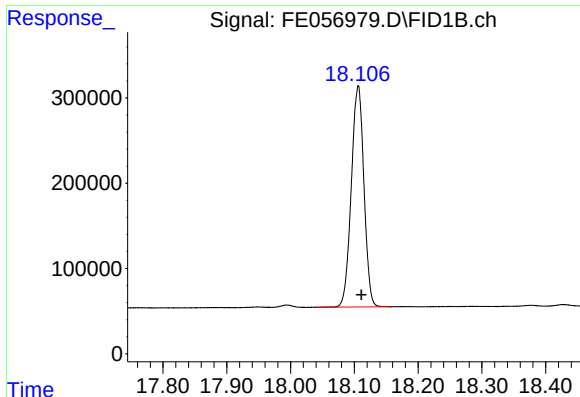
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: -0.006 min
Response: 3345857
Conc: 17.22 ug/ml



#16 n-Octacosane (C28)

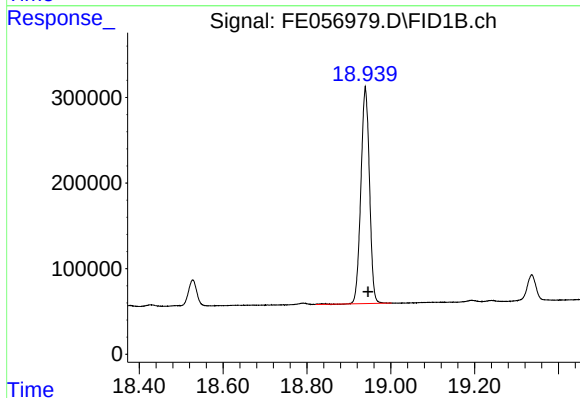
R.T.: 17.216 min
Delta R.T.: -0.005 min
Response: 3383781
Conc: 17.47 ug/ml



#17 n-Tricontane (C30)

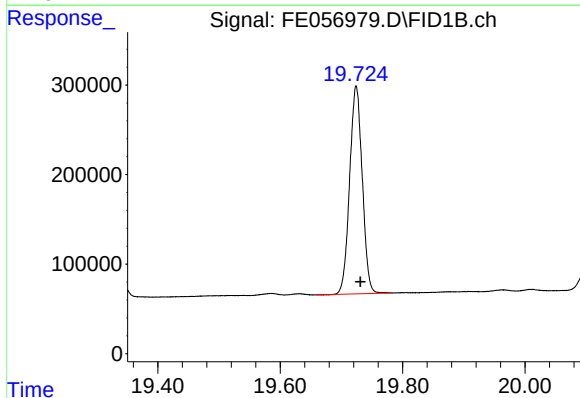
R.T.: 18.106 min
Delta R.T.: -0.006 min
Response: 3570614
Conc: 17.81 ug/ml

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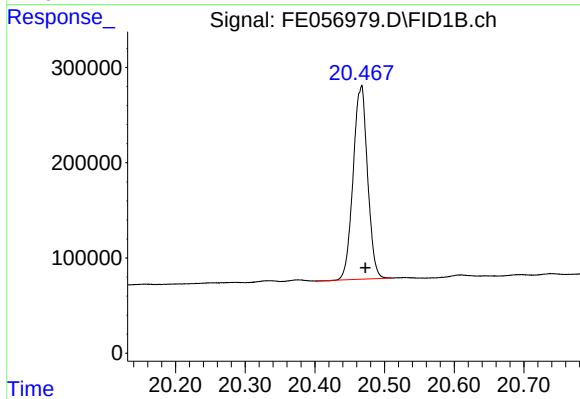
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: -0.007 min
Response: 3592170
Conc: 18.27 ug/ml



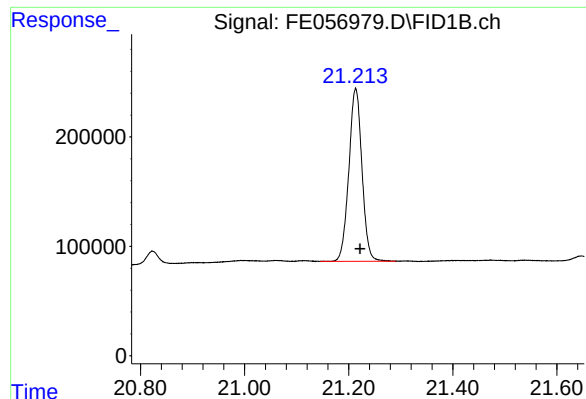
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.007 min
Response: 3318255
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

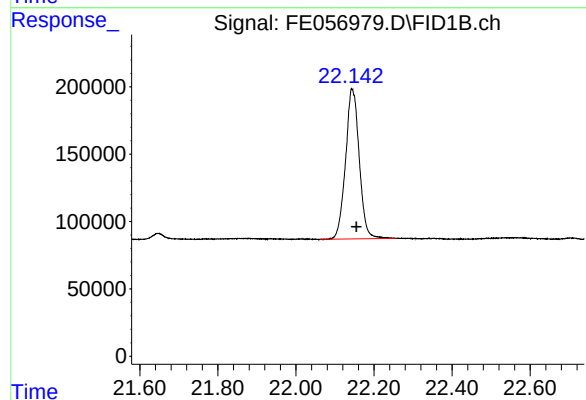
R.T.: 20.466 min
Delta R.T.: -0.007 min
Response: 2918545
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: -0.008 min
Response: 2761225
Conc: 21.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.144 min
Delta R.T.: -0.011 min
Response: 2714118
Conc: 23.48 ug/ml