

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073025AL\
 Data File : FE055085.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jul 2025 11:08
 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: Jul 30 11:42:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.090	3038957	20.530 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
12) S 1-chlorooctadecane (S...	13.525	2301533	20.552 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
Target Compounds			
1) T n-Nonane (C9)	3.425	2418016	19.916 ug/ml
2) T n-Decane (C10)	4.684	2482855	20.060 ug/ml
3) T A~Naphthalene (C11.7)	6.404	2873118	20.186 ug/ml
4) T n-Dodecane (C12)	6.860	2552544	20.139 ug/ml
5) T A~2-methylnaphthalene...	7.506	2803684	20.290 ug/ml
6) T n-Tetradecane (C14)	8.697	2634340	20.062 ug/ml
7) T n-Hexadecane (C16)	10.313	2734904	20.331 ug/ml
8) T n-Octadecane (C18)	11.763	2781750	20.439 ug/ml
10) T n-Eicosane (C20)	13.077	2673254	20.542 ug/ml
11) T n-Heneicosane (C21)	13.692	2620801	20.609 ug/ml
13) T n-Docosane (C22)	14.281	2610318	20.686 ug/ml
14) T n-Tetracosane (C24)	15.387	2626729	20.959 ug/ml
15) T n-Hexacosane (C26)	16.411	2604382	21.080 ug/ml
16) T n-Octacosane (C28)	17.363	2585663	20.858 ug/ml
17) T n-Tricontane (C30)	18.253	2709762	20.678 ug/ml
18) T n-Dotriacontane (C32)	19.087	2679733	20.553 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2525040	20.368 ug/ml
20) T n-Hexatriacontane (C36)	20.614	2354491	20.496 ug/ml
21) T n-Octatriacontane (C38)	21.397	2357935	20.980 ug/ml
22) T n-Tetracontane (C40)	22.391	2390098	21.676 ug/ml

(f)=RT Delta > 1/2 Window

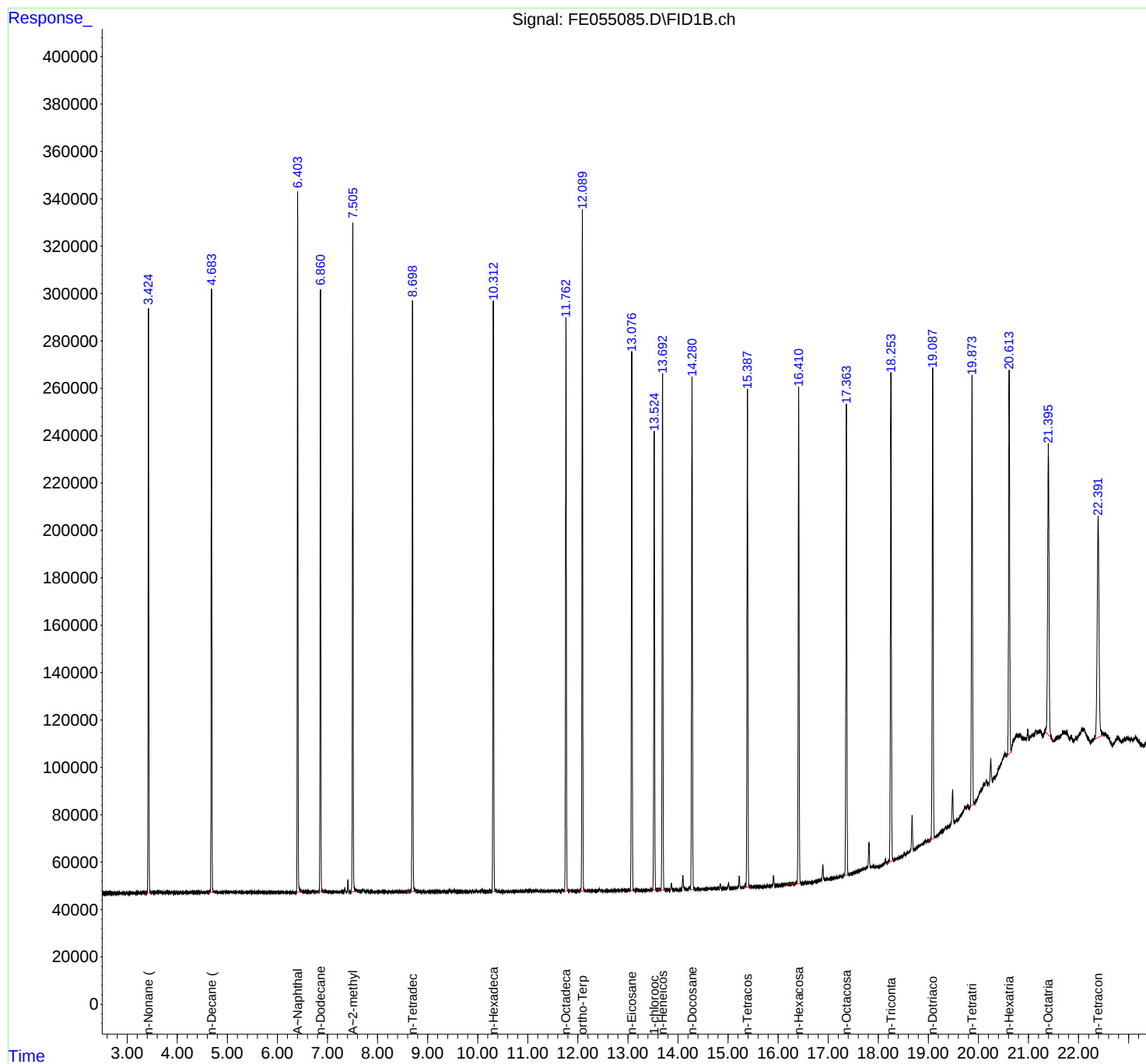
(m)=manual int.

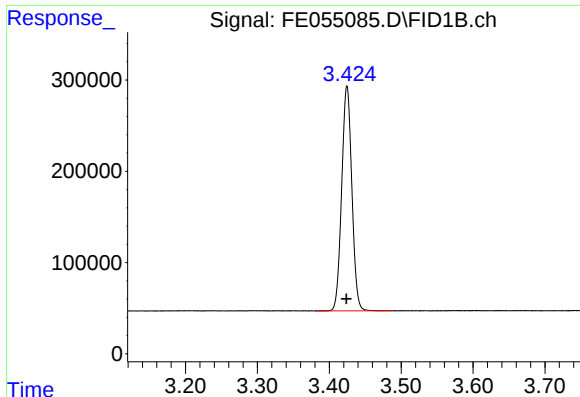
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073025AL\
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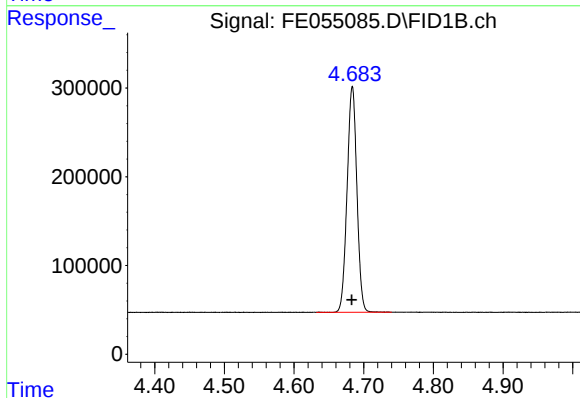




#1 n-Nonane (C9)

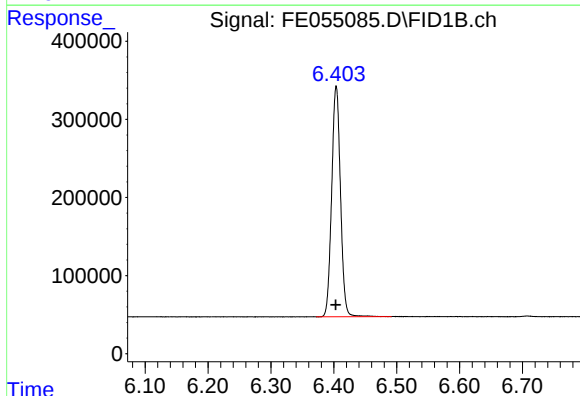
R.T.: 3.425 min
Delta R.T.: 0.000 min
Response: 2418016
Conc: 19.92 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



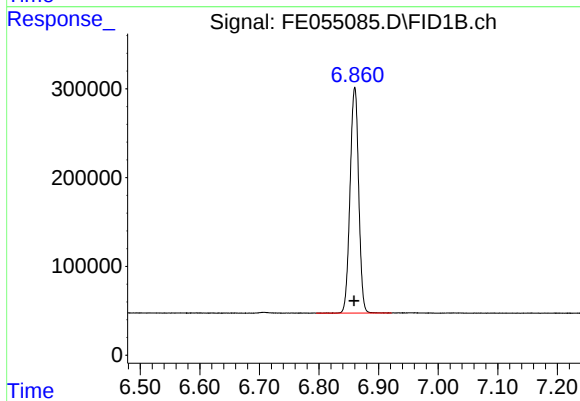
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 2482855
Conc: 20.06 ug/ml



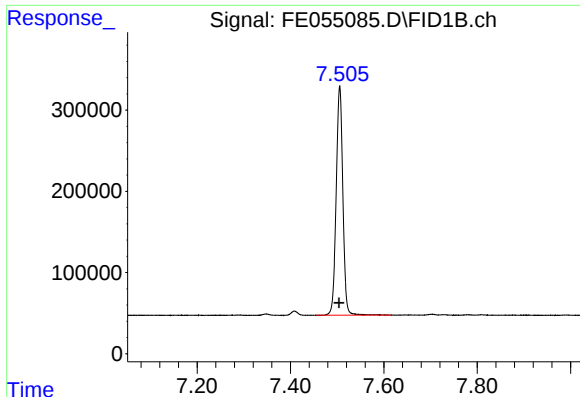
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 2873118
Conc: 20.19 ug/ml



#4 n-Dodecane (C12)

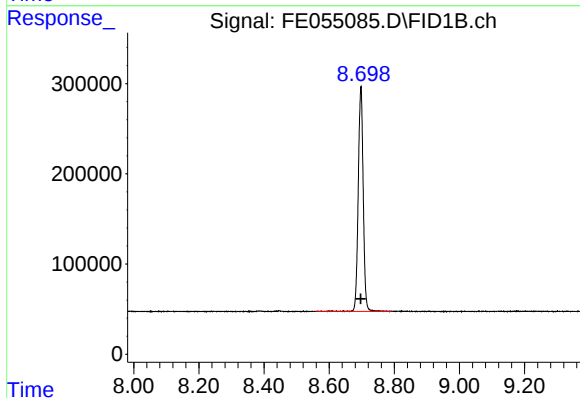
R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 2552544
Conc: 20.14 ug/ml



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

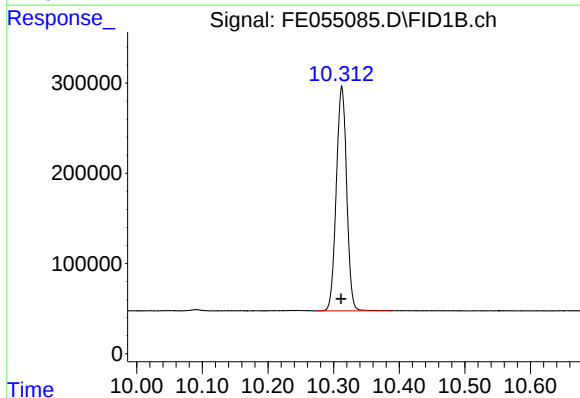
R.T.: 7.506 min
Delta R.T.: 0.001 min
Response: 2803684
Conc: 20.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



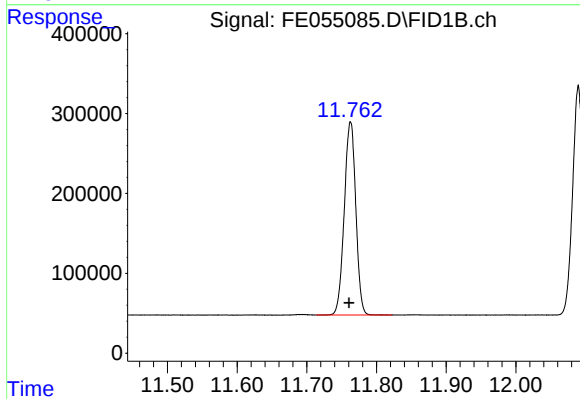
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 2634340
Conc: 20.06 ug/ml



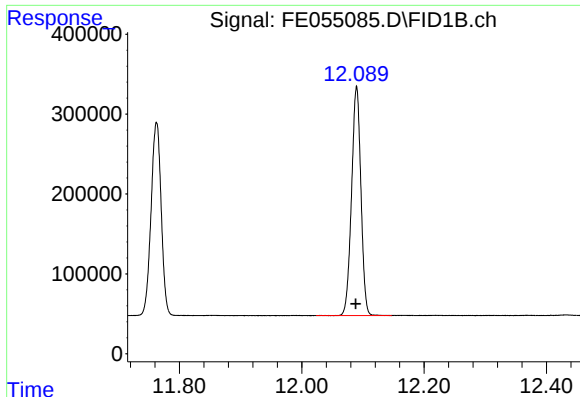
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.001 min
Response: 2734904
Conc: 20.33 ug/ml



#8 n-Octadecane (C18)

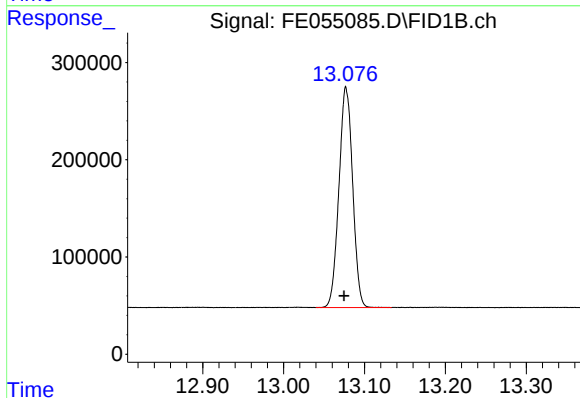
R.T.: 11.763 min
Delta R.T.: 0.002 min
Response: 2781750
Conc: 20.44 ug/ml



#9 ortho-Terphenyl (SURR)

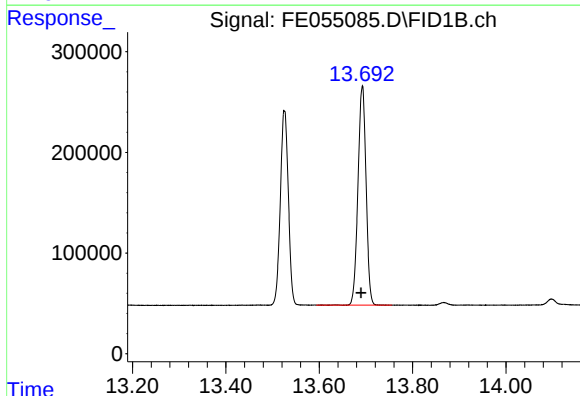
R.T.: 12.090 min
Delta R.T.: 0.002 min
Response: 3038957
Conc: 20.53 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



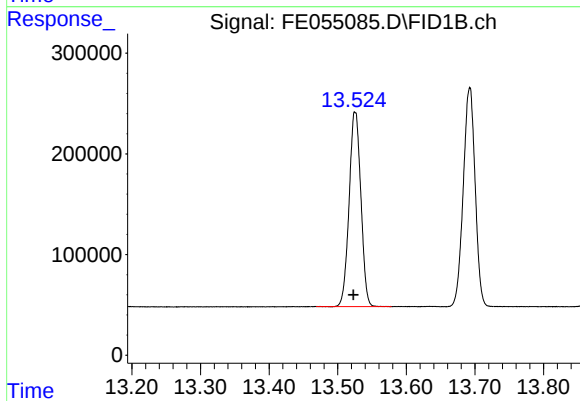
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.002 min
Response: 2673254
Conc: 20.54 ug/ml



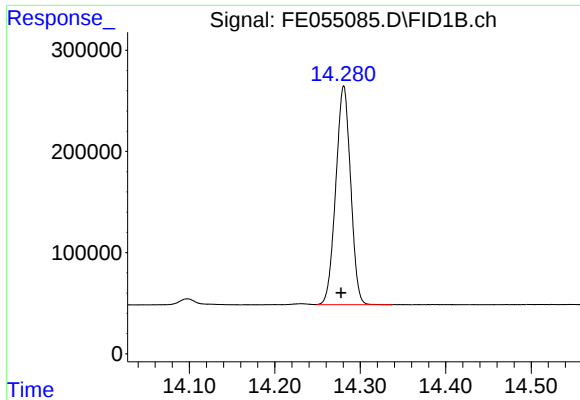
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.002 min
Response: 2620801
Conc: 20.61 ug/ml



#12 1-chlorooctadecane (SURR)

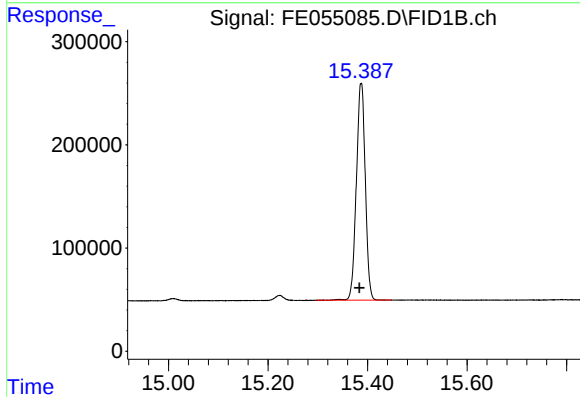
R.T.: 13.525 min
Delta R.T.: 0.003 min
Response: 2301533
Conc: 20.55 ug/ml



#13 n-Docosane (C22)

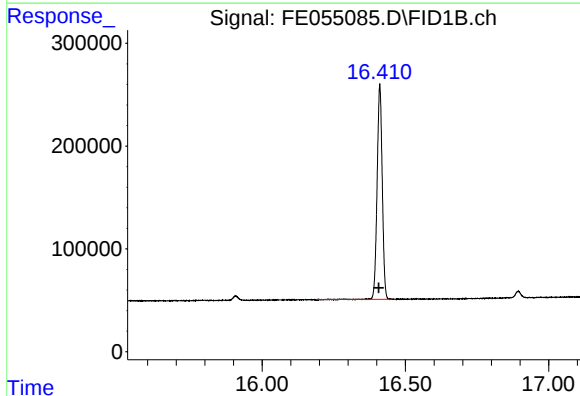
R.T.: 14.281 min
Delta R.T.: 0.003 min
Response: 2610318
Conc: 20.69 ug/ml

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20 PPM ALIPHATIC HC STD



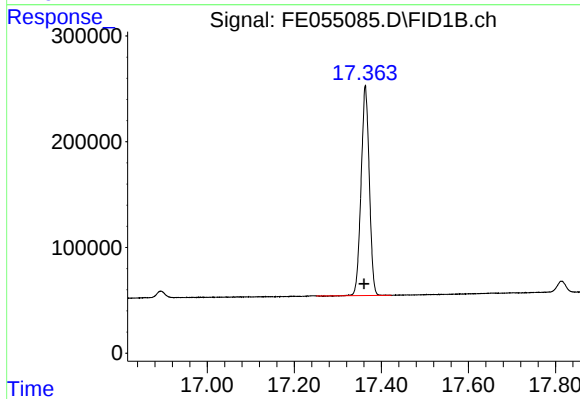
#14 n-Tetracosane (C24)

R.T.: 15.387 min
Delta R.T.: 0.004 min
Response: 2626729
Conc: 20.96 ug/ml



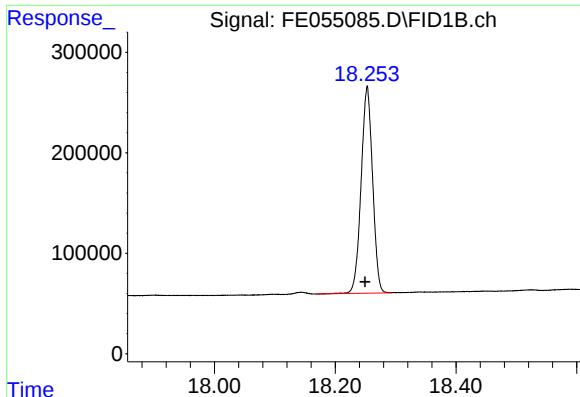
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.004 min
Response: 2604382
Conc: 21.08 ug/ml



#16 n-Octacosane (C28)

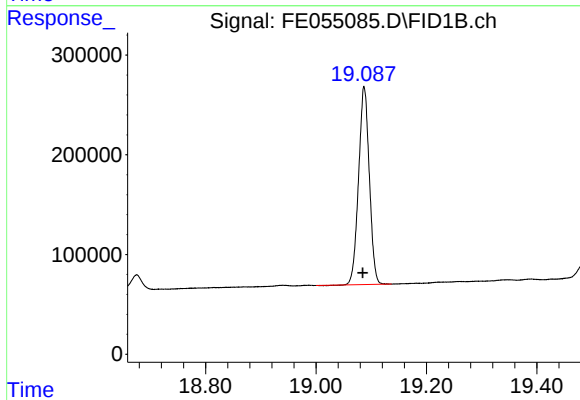
R.T.: 17.363 min
Delta R.T.: 0.003 min
Response: 2585663
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

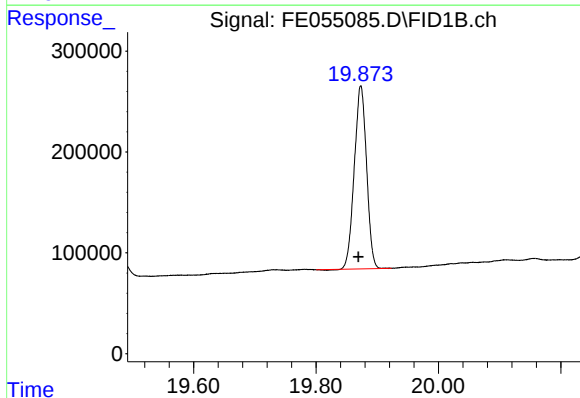
R.T.: 18.253 min
Delta R.T.: 0.003 min
Response: 2709762
Conc: 20.68 ug/ml

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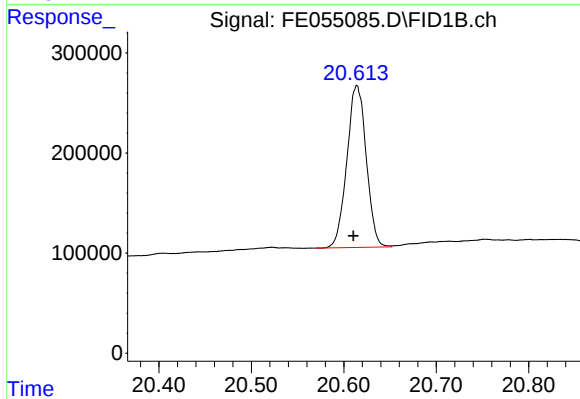
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.003 min
Response: 2679733
Conc: 20.55 ug/ml



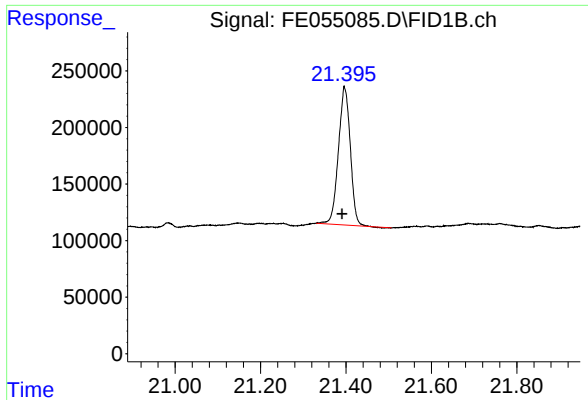
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.004 min
Response: 2525040
Conc: 20.37 ug/ml



#20 n-Hexatriacontane (C36)

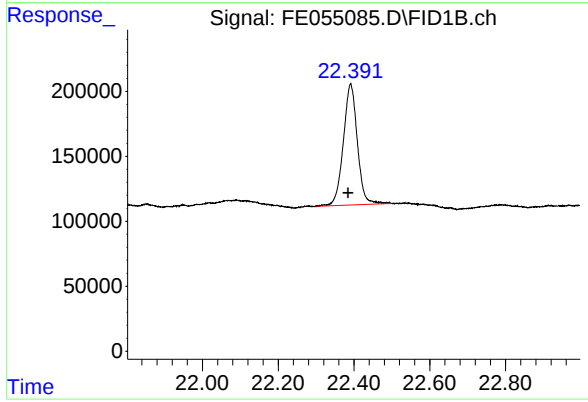
R.T.: 20.614 min
Delta R.T.: 0.004 min
Response: 2354491
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.006 min
Response: 2357935
Conc: 20.98 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.391 min
Delta R.T.: 0.007 min
Response: 2390098
Conc: 21.68 ug/ml