

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055181.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 16:26
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 08 01:07:04 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)	12.084	2698127	18.894 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	13.520	2046816	19.036 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
Target Compounds			
1) T n-Nonane (C9)	3.423	2186661	19.053 ug/ml
2) T n-Decane (C10)	4.681	2278960	19.563 ug/ml
3) T A~Naphthalene (C11.7)	6.400	2579887	19.220 ug/ml
4) T n-Dodecane (C12)	6.856	2323092	19.508 ug/ml
5) T A~2-methylnaphthalene...	7.501	2514916	19.289 ug/ml
6) T n-Tetradecane (C14)	8.693	2363129	19.274 ug/ml
7) T n-Hexadecane (C16)	10.308	2462131	19.259 ug/ml
8) T n-Octadecane (C18)	11.757	2496079	19.131 ug/ml
10) T n-Eicosane (C20)	13.072	2399606	19.125 ug/ml
11) T n-Heneicosane (C21)	13.686	2342048	19.000 ug/ml
13) T n-Docosane (C22)	14.274	2378874	19.480 ug/ml
14) T n-Tetracosane (C24)	15.380	2487970	20.455 ug/ml
15) T n-Hexacosane (C26)	16.404	2524526	21.100 ug/ml
16) T n-Octacosane (C28)	17.357	2584637	21.789 ug/ml
17) T n-Tricontane (C30)	18.246	2795087	22.715 ug/ml
18) T n-Dotriacontane (C32)	19.081	2779088	22.777 ug/ml
19) T n-Tetratriacontane (C34)	19.865	2517939	21.536 ug/ml
20) T n-Hexatriacontane (C36)	20.607	2260649	20.683 ug/ml
21) T n-Octatriacontane (C38)	21.388	2137108	19.775 ug/ml
22) T n-Tetracontane (C40)	22.377	2016272	19.281 ug/ml

(f)=RT Delta > 1/2 Window

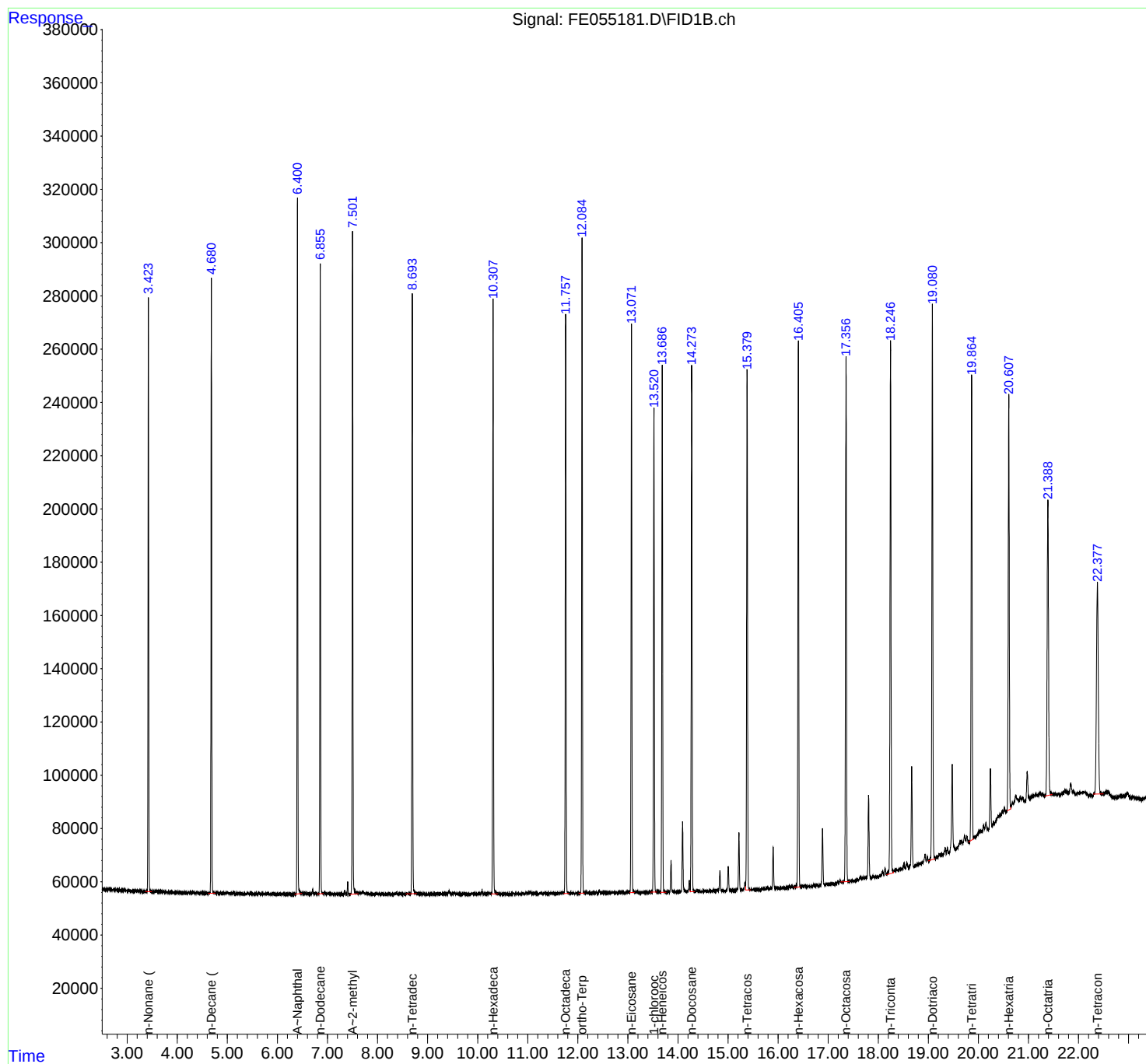
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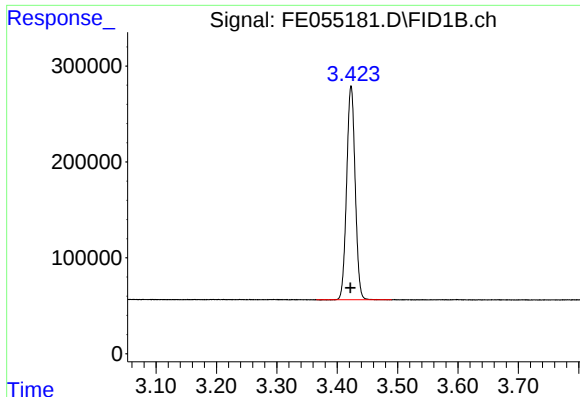
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
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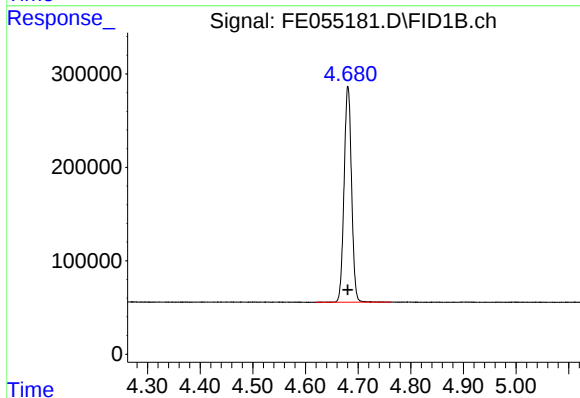




#1 n-Nonane (C9)

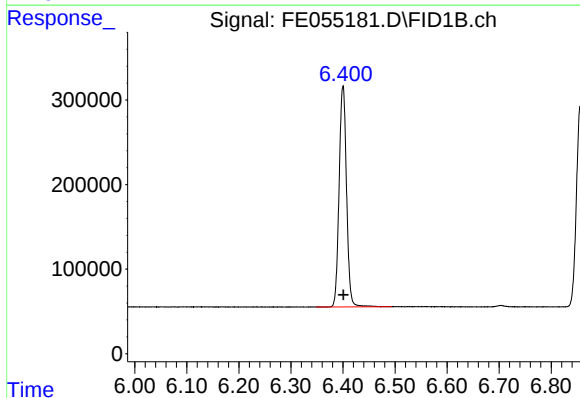
R.T.: 3.423 min
Delta R.T.: 0.001 min
Response: 2186661
Conc: 19.05 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



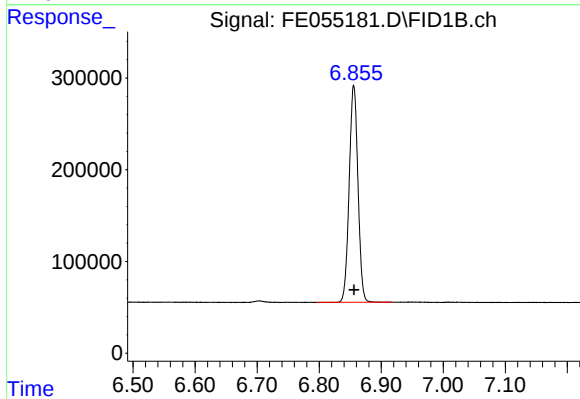
#2 n-Decane (C10)

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 2278960
Conc: 19.56 ug/ml



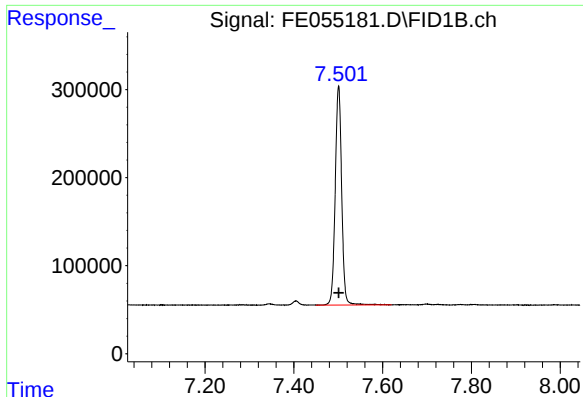
#3 A~Naphthalene (C11.7)

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 2579887
Conc: 19.22 ug/ml



#4 n-Dodecane (C12)

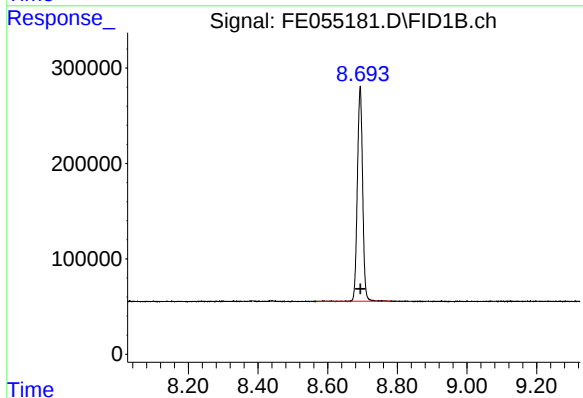
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 2323092
Conc: 19.51 ug/ml



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

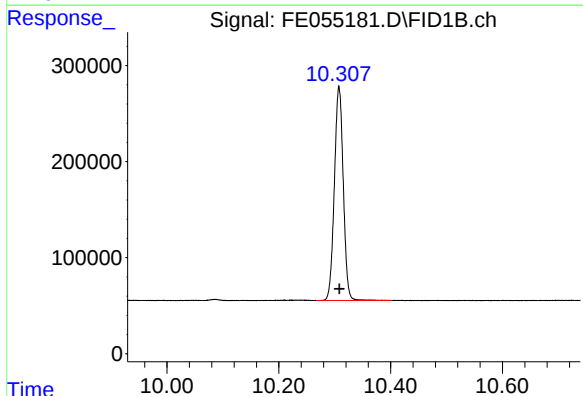
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 2514916
Conc: 19.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



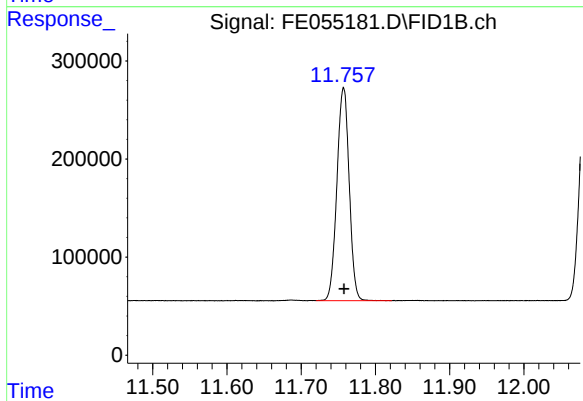
#6 n-Tetradecane (C14)

R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 2363129
Conc: 19.27 ug/ml



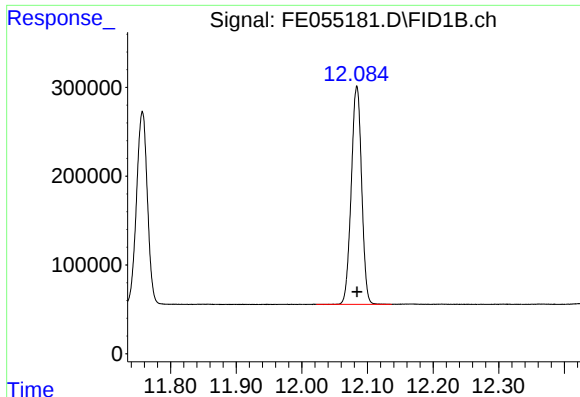
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 2462131
Conc: 19.26 ug/ml



#8 n-Octadecane (C18)

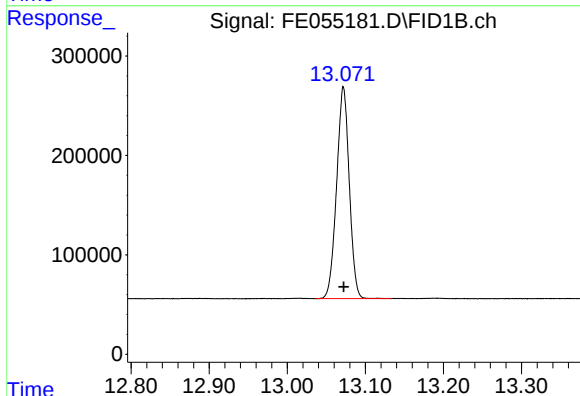
R.T.: 11.757 min
Delta R.T.: 0.000 min
Response: 2496079
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

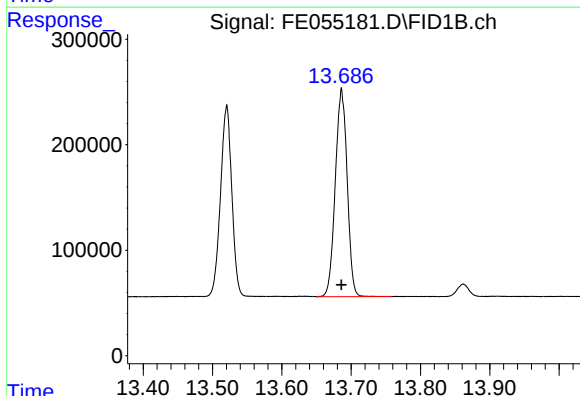
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 2698127
Conc: 18.89 ug/ml

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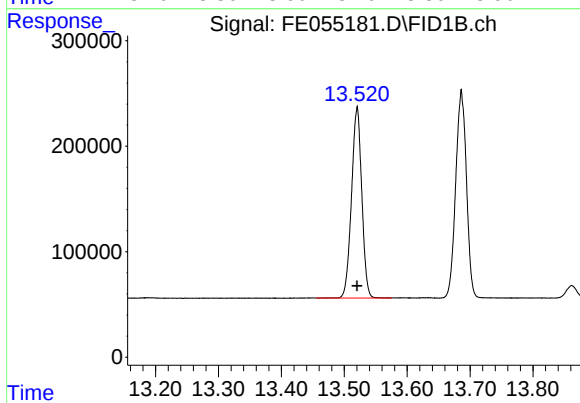
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 2399606
Conc: 19.12 ug/ml



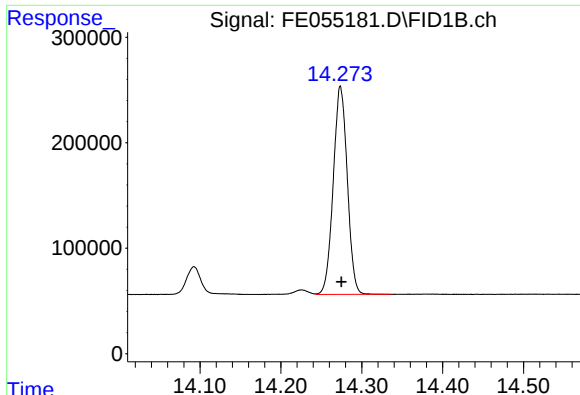
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 2342048
Conc: 19.00 ug/ml



#12 1-chlorooctadecane (SURR)

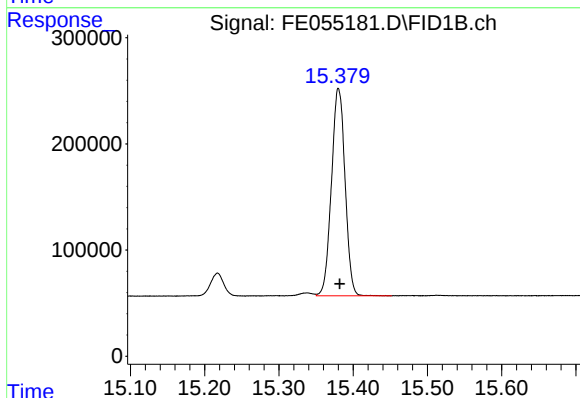
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 2046816
Conc: 19.04 ug/ml



#13 n-Docosane (C22)

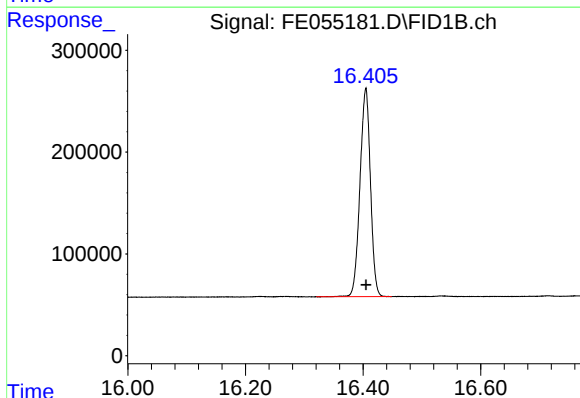
R.T.: 14.274 min
Delta R.T.: -0.001 min
Response: 2378874
Conc: 19.48 ug/ml

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20 PPM ALIPHATIC HC STD



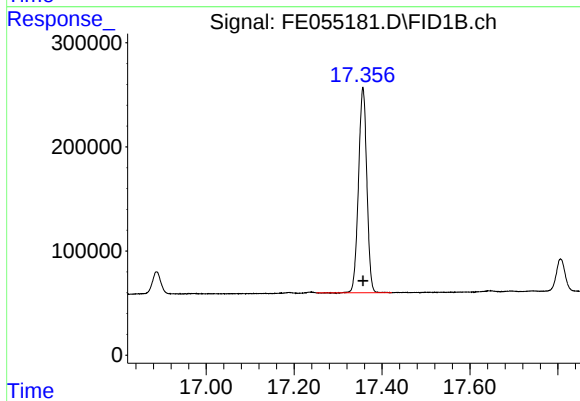
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: -0.001 min
Response: 2487970
Conc: 20.45 ug/ml



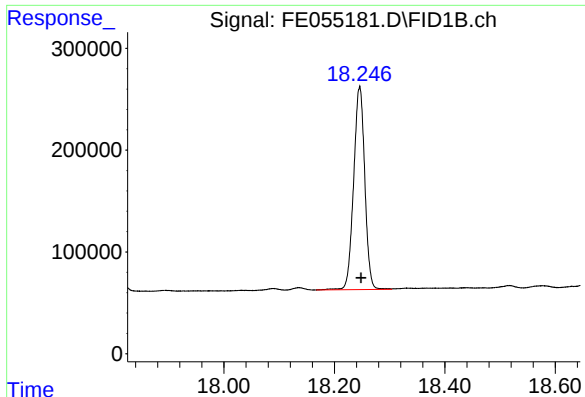
#15 n-Hexacosane (C26)

R.T.: 16.404 min
Delta R.T.: 0.000 min
Response: 2524526
Conc: 21.10 ug/ml



#16 n-Octacosane (C28)

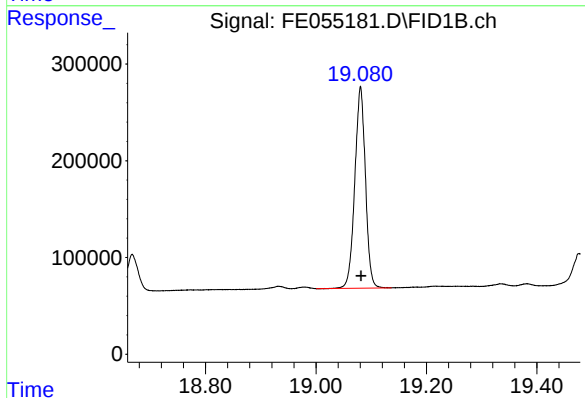
R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 2584637
Conc: 21.79 ug/ml



#17 n-Tricontane (C30)

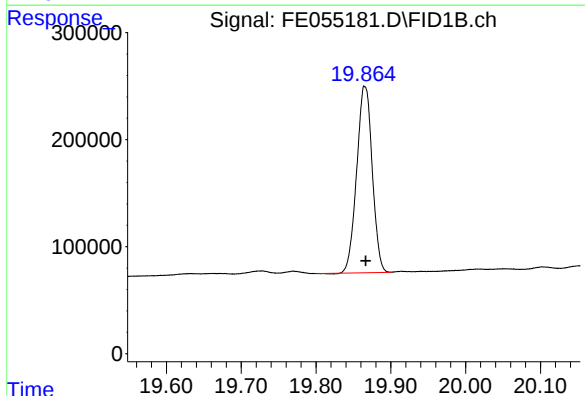
R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 2795087
Conc: 22.72 ug/ml

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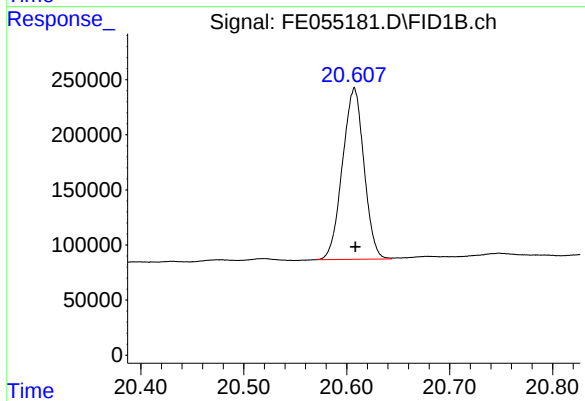
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 2779088
Conc: 22.78 ug/ml



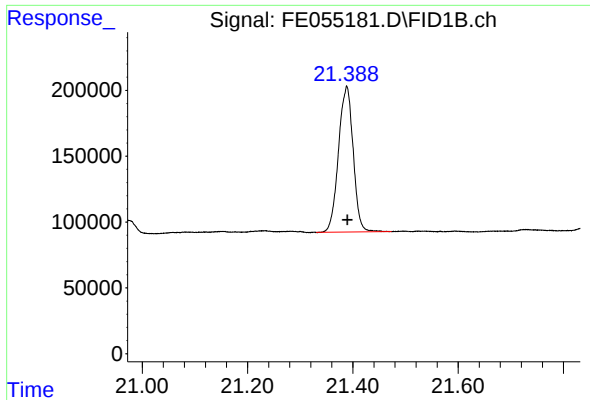
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.001 min
Response: 2517939
Conc: 21.54 ug/ml



#20 n-Hexatriacontane (C36)

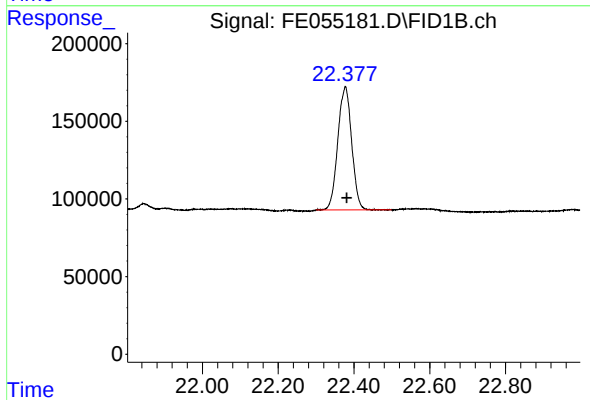
R.T.: 20.607 min
Delta R.T.: -0.001 min
Response: 2260649
Conc: 20.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.388 min
Delta R.T.: -0.001 min
Response: 2137108
Conc: 19.78 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.377 min
Delta R.T.: -0.004 min
Response: 2016272
Conc: 19.28 ug/ml