

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082225AL\
 Data File : FE055458.D
 Signal(s) : FID1B.ch
 Acq On : 22 Aug 2025 13:12
 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: sample.E
 Quant Time: Aug 25 04:18:33 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)	12.082	2792588	19.555 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
12) S 1-chlorooctadecane (S...	13.518	2128604	19.797 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
Target Compounds			
1) T n-Nonane (C9)	3.417	2160272	18.823 ug/ml
2) T n-Decane (C10)	4.675	2236210	19.196 ug/ml
3) T A~Naphthalene (C11.7)	6.396	2560138	19.073 ug/ml
4) T n-Dodecane (C12)	6.851	2308398	19.385 ug/ml
5) T A~2-methylnaphthalene...	7.497	2496674	19.149 ug/ml
6) T n-Tetradecane (C14)	8.689	2348956	19.158 ug/ml
7) T n-Hexadecane (C16)	10.304	2478357	19.386 ug/ml
8) T n-Octadecane (C18)	11.754	2572691	19.718 ug/ml
10) T n-Eicosane (C20)	13.069	2476699	19.739 ug/ml
11) T n-Heneicosane (C21)	13.684	2425346	19.675 ug/ml
13) T n-Docosane (C22)	14.273	2405071	19.694 ug/ml
14) T n-Tetracosane (C24)	15.379	2397278	19.709 ug/ml
15) T n-Hexacosane (C26)	16.403	2348585	19.630 ug/ml
16) T n-Octacosane (C28)	17.356	2366978	19.954 ug/ml
17) T n-Tricontane (C30)	18.246	2543187	20.668 ug/ml
18) T n-Dotriacontane (C32)	19.080	2610635	21.397 ug/ml
19) T n-Tetratriacontane (C34)	19.865	2498231	21.367 ug/ml
20) T n-Hexatriacontane (C36)	20.606	2288438	20.937 ug/ml
21) T n-Octatriacontane (C38)	21.386	2190591	20.270 ug/ml
22) T n-Tetracontane (C40)	22.377	2059627	19.695 ug/ml

(f)=RT Delta > 1/2 Window

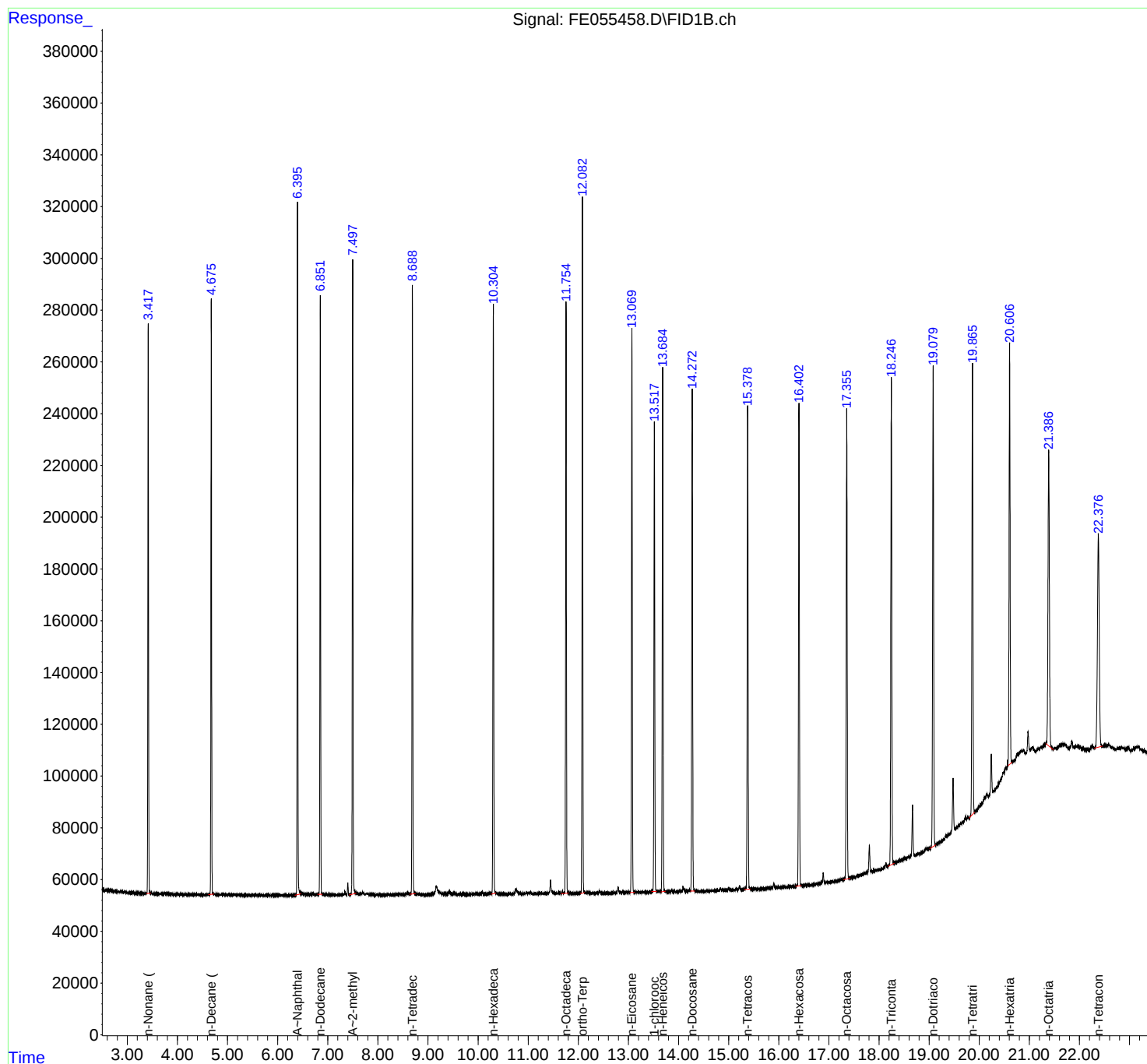
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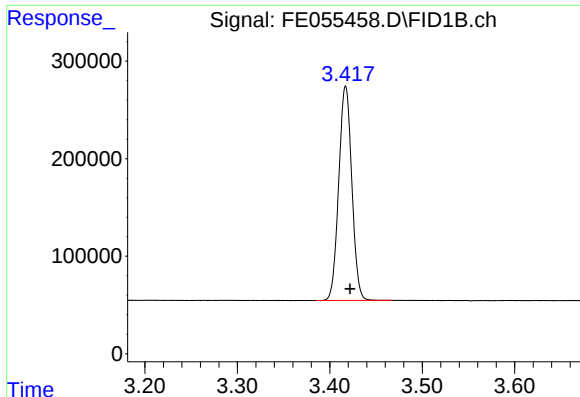
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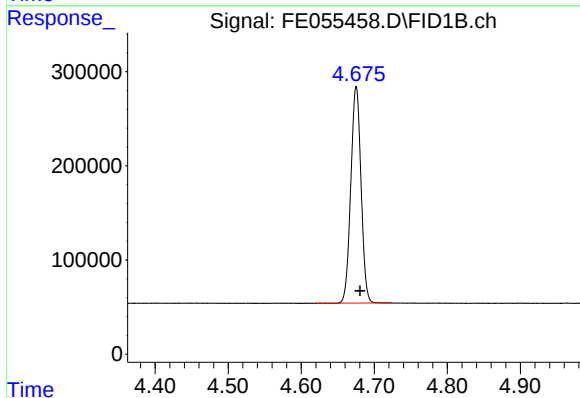




#1 n-Nonane (C9)

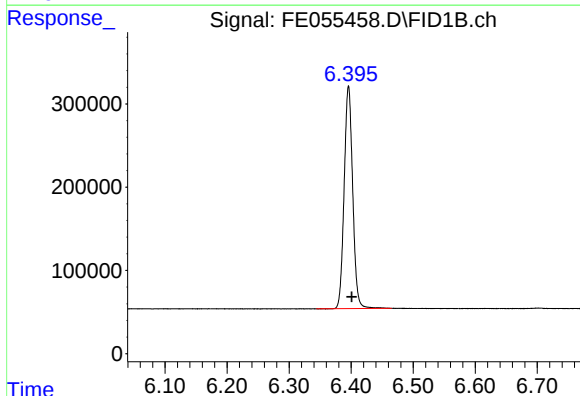
R.T.: 3.417 min
Delta R.T.: -0.005 min
Response: 2160272
Conc: 18.82 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



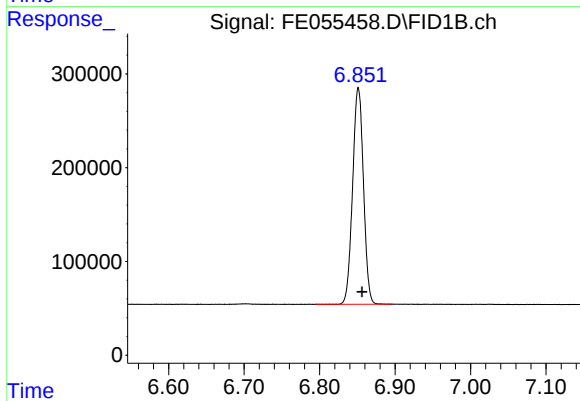
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: -0.005 min
Response: 2236210
Conc: 19.20 ug/ml



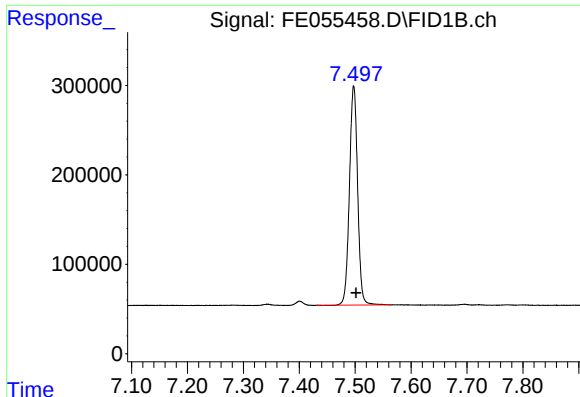
#3 A~Naphthalene (C11.7)

R.T.: 6.396 min
Delta R.T.: -0.005 min
Response: 2560138
Conc: 19.07 ug/ml



#4 n-Dodecane (C12)

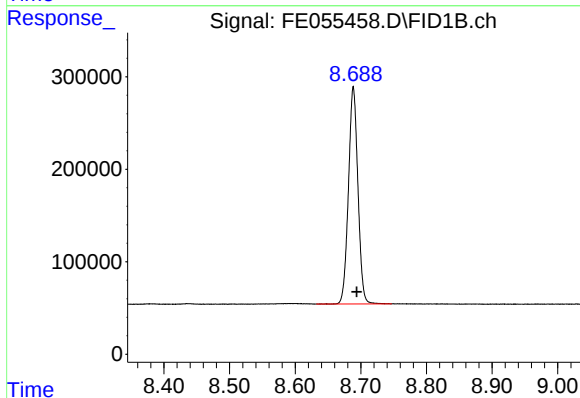
R.T.: 6.851 min
Delta R.T.: -0.005 min
Response: 2308398
Conc: 19.38 ug/ml



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

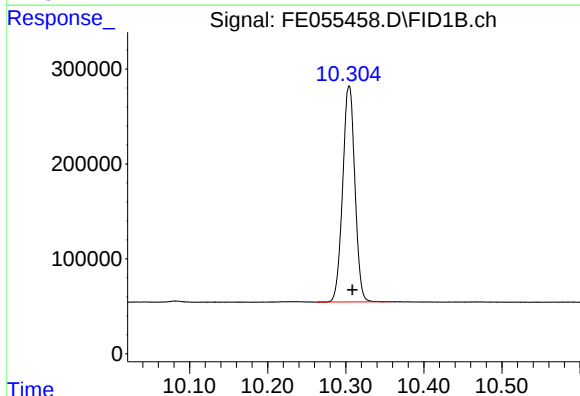
R.T.: 7.497 min
Delta R.T.: -0.004 min
Response: 2496674
Conc: 19.15 ug/ml

Instrument :
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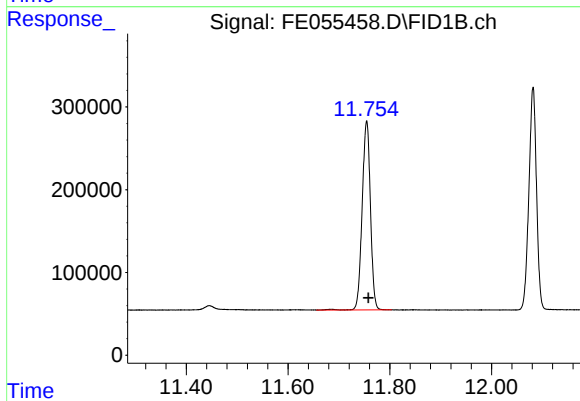
#6 n-Tetradecane (C14)

R.T.: 8.689 min
Delta R.T.: -0.005 min
Response: 2348956
Conc: 19.16 ug/ml



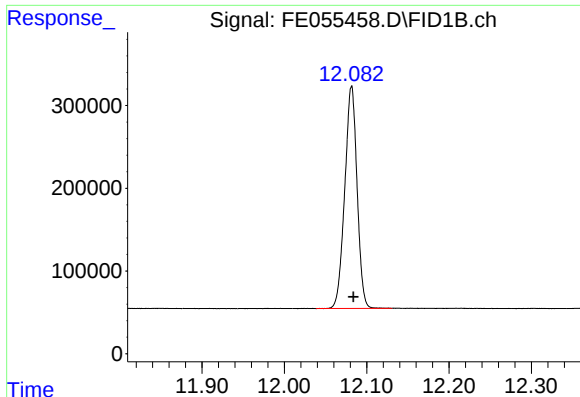
#7 n-Hexadecane (C16)

R.T.: 10.304 min
Delta R.T.: -0.004 min
Response: 2478357
Conc: 19.39 ug/ml



#8 n-Octadecane (C18)

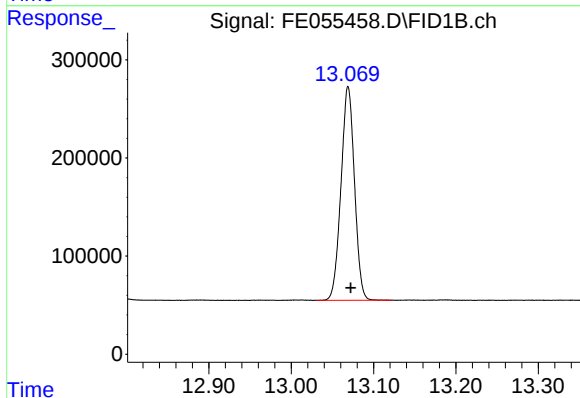
R.T.: 11.754 min
Delta R.T.: -0.003 min
Response: 2572691
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

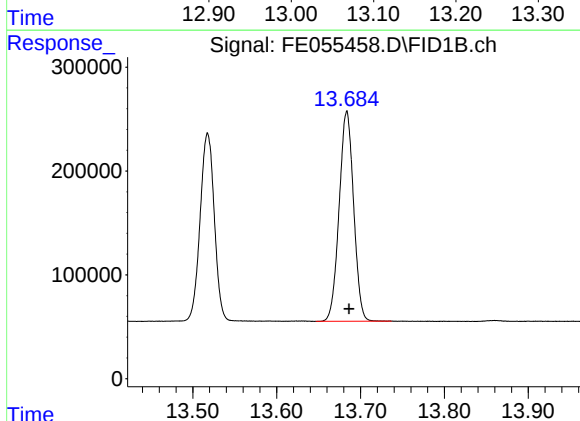
R.T.: 12.082 min
Delta R.T.: -0.003 min
Response: 2792588
Conc: 19.56 ug/ml

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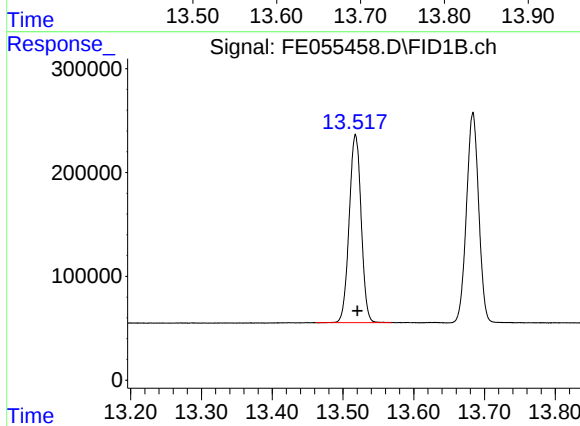
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: -0.003 min
Response: 2476699
Conc: 19.74 ug/ml



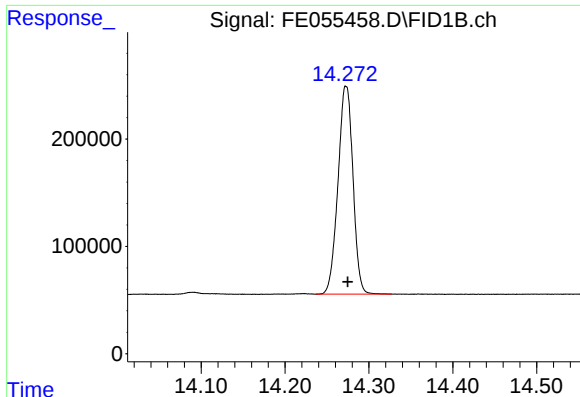
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.003 min
Response: 2425346
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

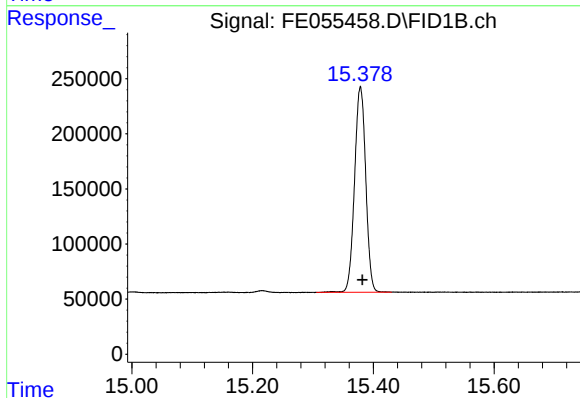
R.T.: 13.518 min
Delta R.T.: -0.003 min
Response: 2128604
Conc: 19.80 ug/ml



#13 n-Docosane (C22)

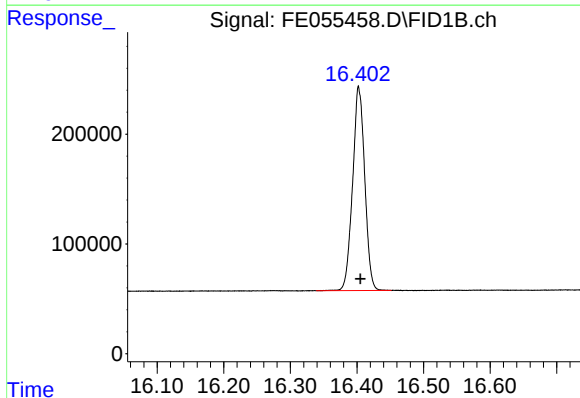
R.T.: 14.273 min
Delta R.T.: -0.002 min
Response: 2405071
Conc: 19.69 ug/ml

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20 PPM ALIPHATIC HC STD



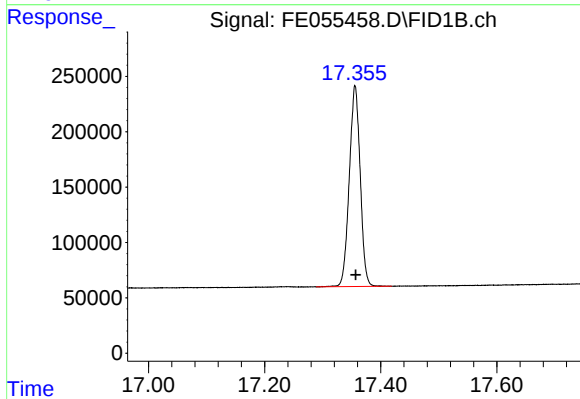
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.003 min
Response: 2397278
Conc: 19.71 ug/ml



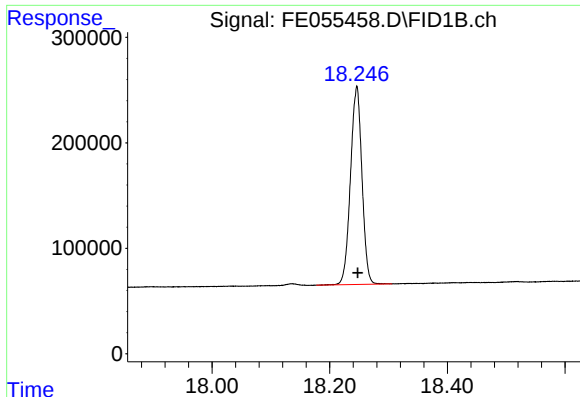
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: -0.002 min
Response: 2348585
Conc: 19.63 ug/ml



#16 n-Octacosane (C28)

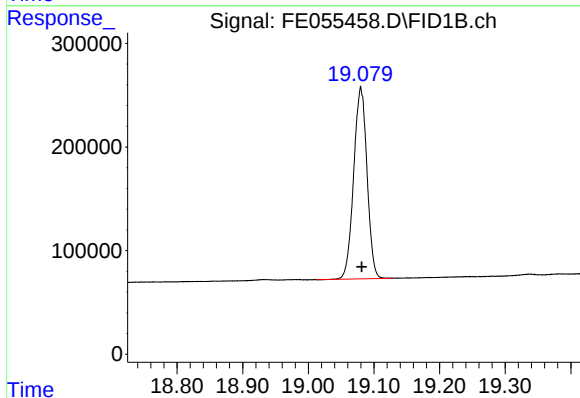
R.T.: 17.356 min
Delta R.T.: -0.001 min
Response: 2366978
Conc: 19.95 ug/ml



#17 n-Tricontane (C30)

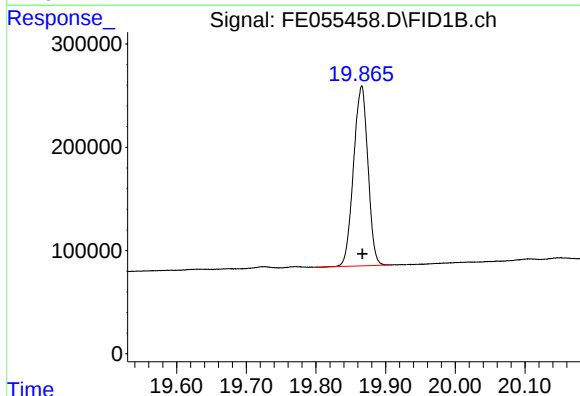
R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 2543187
Conc: 20.67 ug/ml

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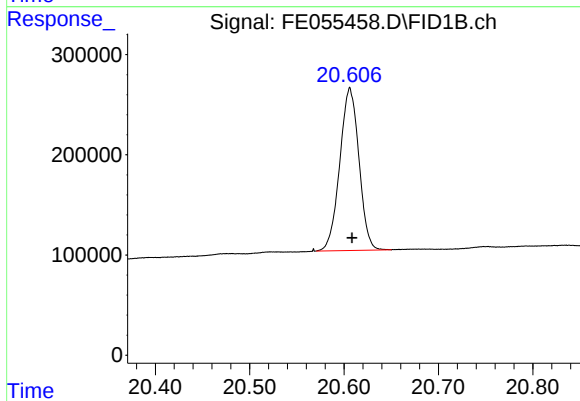
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: -0.002 min
Response: 2610635
Conc: 21.40 ug/ml



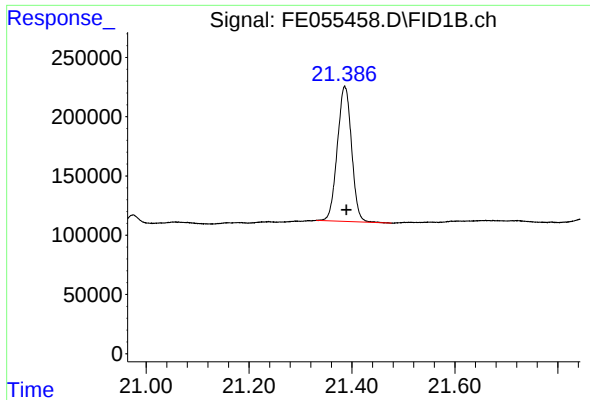
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.001 min
Response: 2498231
Conc: 21.37 ug/ml



#20 n-Hexatriacontane (C36)

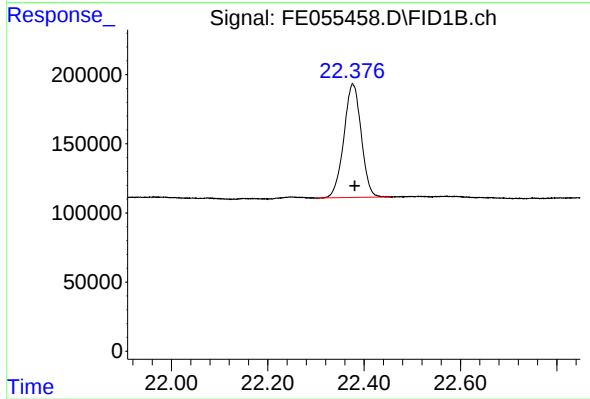
R.T.: 20.606 min
Delta R.T.: -0.002 min
Response: 2288438
Conc: 20.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.003 min
Response: 2190591
Conc: 20.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.377 min
Delta R.T.: -0.004 min
Response: 2059627
Conc: 19.70 ug/ml