

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102325AL\
 Data File : FE056460.D
 Signal(s) : FID1B.ch
 Acq On : 23 Oct 2025 12:30
 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: Oct 23 13:29:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 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)	12.048	3527610	17.268 ug/ml
Spiked Amount 50.000		Recovery =	34.54%
12) S 1-chlorooctadecane (S...	13.484	2660159	17.434 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
Target Compounds			
1) T n-Nonane (C9)	3.394	2763608	16.955 ug/ml
2) T n-Decane (C10)	4.648	2962301	18.013 ug/ml
3) T A~Naphthalene (C11.7)	6.365	3112621	17.607 ug/ml
4) T n-Dodecane (C12)	6.821	3059655	18.236 ug/ml
5) T A~2-methylnaphthalene...	7.466	2995661	17.979 ug/ml
6) T n-Tetradecane (C14)	8.658	3039315	18.294 ug/ml
7) T n-Hexadecane (C16)	10.272	3154234	18.028 ug/ml
8) T n-Octadecane (C18)	11.722	3229669	17.705 ug/ml
10) T n-Eicosane (C20)	13.036	3102392	17.424 ug/ml
11) T n-Heneicosane (C21)	13.651	3034352	17.295 ug/ml
13) T n-Docosane (C22)	14.239	3034637	17.144 ug/ml
14) T n-Tetracosane (C24)	15.345	3048328	16.755 ug/ml
15) T n-Hexacosane (C26)	16.370	2965151	16.518 ug/ml
16) T n-Octacosane (C28)	17.322	2976763	16.733 ug/ml
17) T n-Tricontane (C30)	18.211	3218222	17.725 ug/ml
18) T n-Dotriacontane (C32)	19.045	3299731	18.717 ug/ml
19) T n-Tetratriacontane (C34)	19.831	2935576	18.964 ug/ml
20) T n-Hexatriacontane (C36)	20.572	2480521	19.855 ug/ml
21) T n-Octatriacontane (C38)	21.342	2179041	20.856 ug/ml
22) T n-Tetracontane (C40)	22.314	2071939	22.833 ug/ml

(f)=RT Delta > 1/2 Window

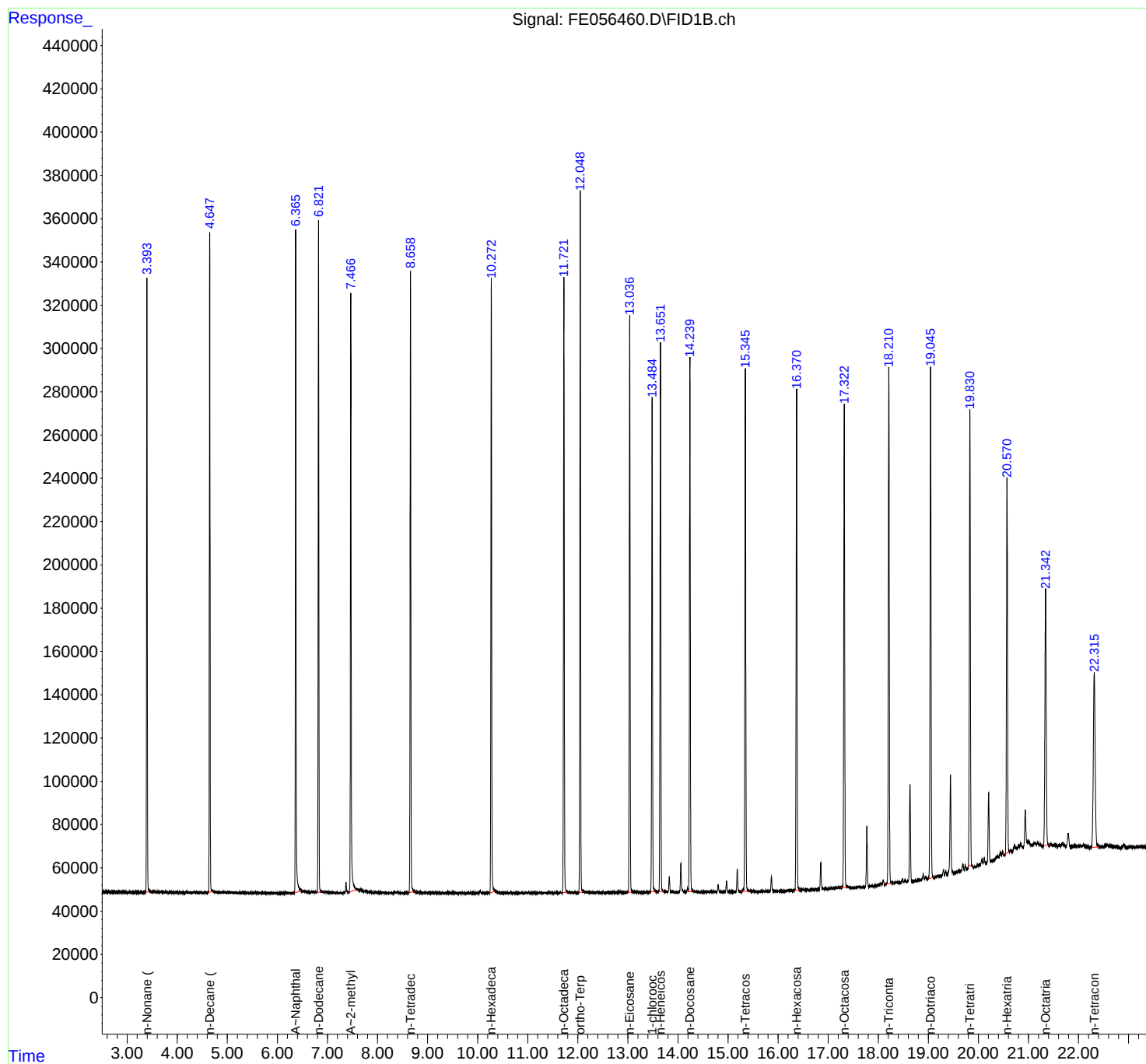
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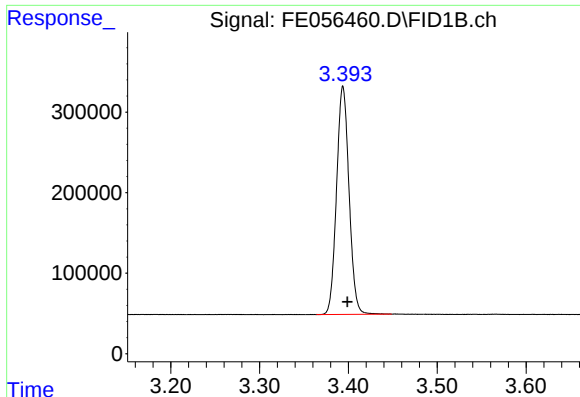
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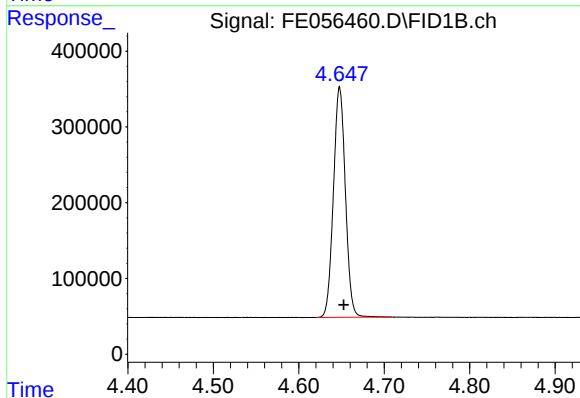




#1 n-Nonane (C9)

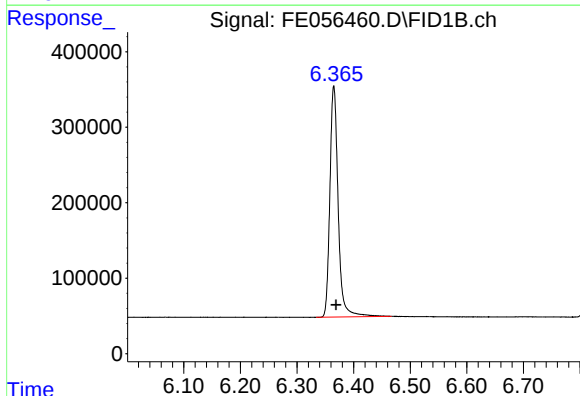
R.T.: 3.394 min
Delta R.T.: -0.005 min
Response: 2763608
Conc: 16.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



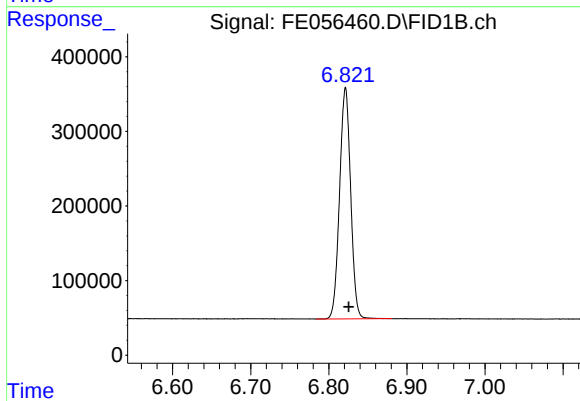
#2 n-Decane (C10)

R.T.: 4.648 min
Delta R.T.: -0.005 min
Response: 2962301
Conc: 18.01 ug/ml



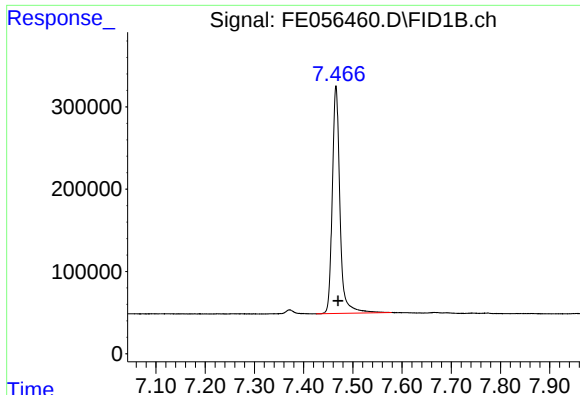
#3 A~Naphthalene (C11.7)

R.T.: 6.365 min
Delta R.T.: -0.004 min
Response: 3112621
Conc: 17.61 ug/ml



#4 n-Dodecane (C12)

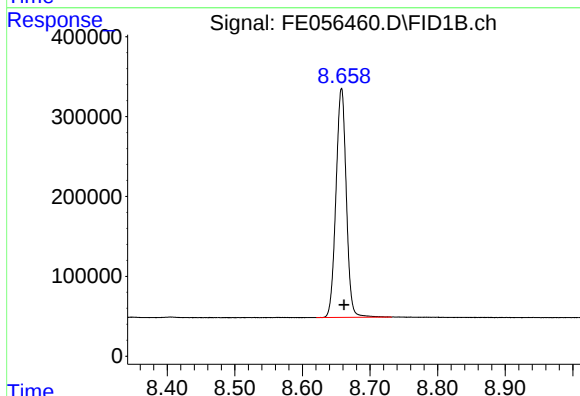
R.T.: 6.821 min
Delta R.T.: -0.004 min
Response: 3059655
Conc: 18.24 ug/ml



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

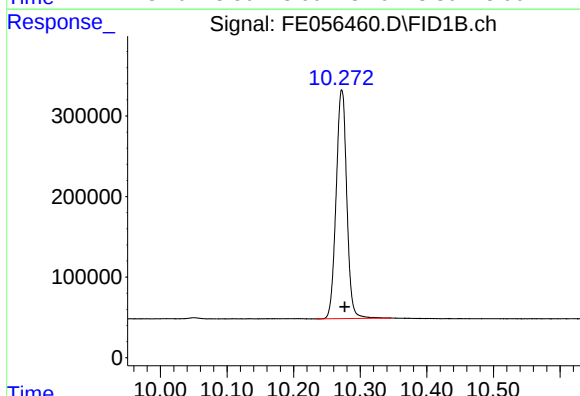
R.T.: 7.466 min
Delta R.T.: -0.004 min
Response: 2995661
Conc: 17.98 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



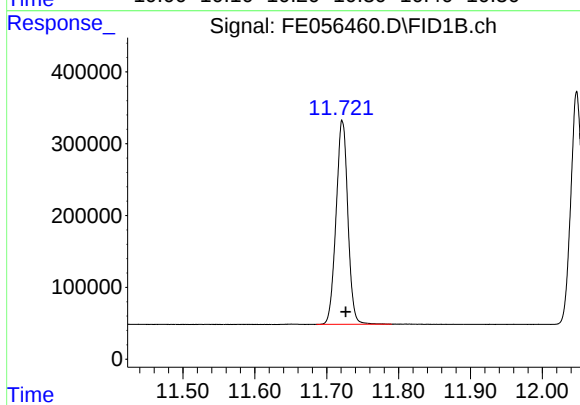
#6 n-Tetradecane (C14)

R.T.: 8.658 min
Delta R.T.: -0.004 min
Response: 3039315
Conc: 18.29 ug/ml



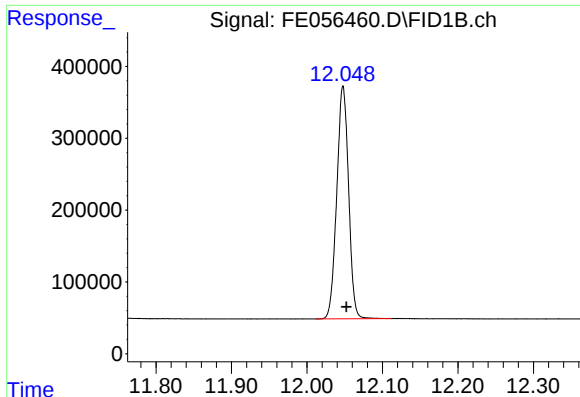
#7 n-Hexadecane (C16)

R.T.: 10.272 min
Delta R.T.: -0.004 min
Response: 3154234
Conc: 18.03 ug/ml



#8 n-Octadecane (C18)

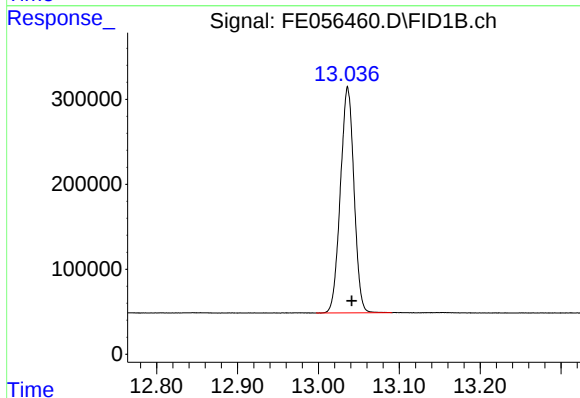
R.T.: 11.722 min
Delta R.T.: -0.005 min
Response: 3229669
Conc: 17.71 ug/ml



#9 ortho-Terphenyl (SURR)

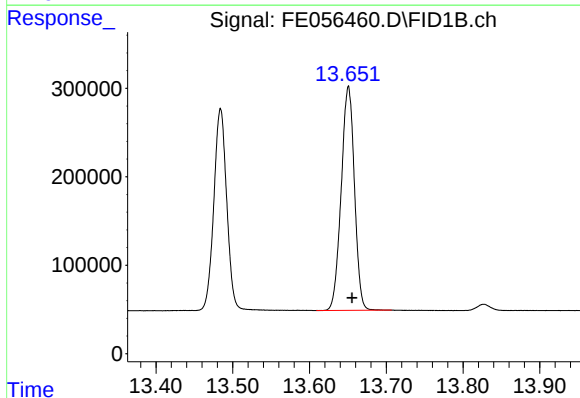
R.T.: 12.048 min
Delta R.T.: -0.004 min
Response: 3527610
Conc: 17.27 ug/ml

Instrument :
FID_E
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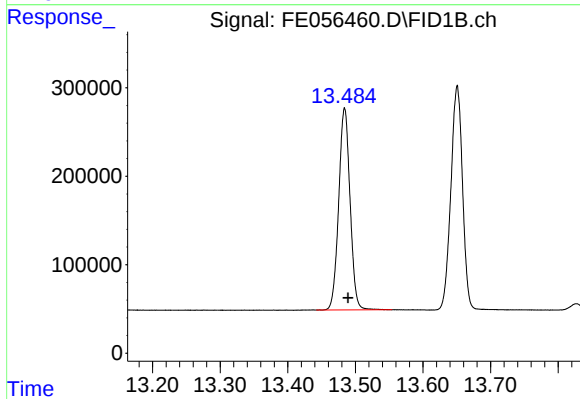
#10 n-Eicosane (C20)

R.T.: 13.036 min
Delta R.T.: -0.005 min
Response: 3102392
Conc: 17.42 ug/ml



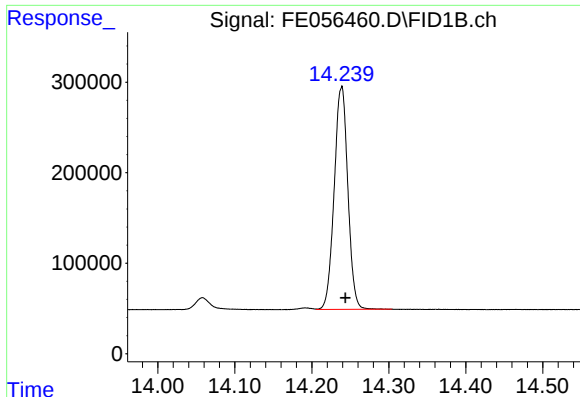
#11 n-Heneicosane (C21)

R.T.: 13.651 min
Delta R.T.: -0.005 min
Response: 3034352
Conc: 17.29 ug/ml



#12 1-chlorooctadecane (SURR)

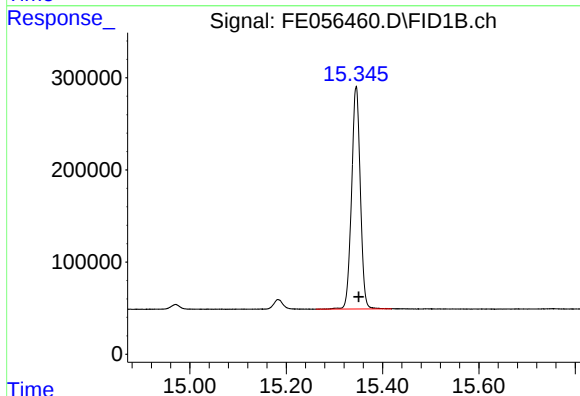
R.T.: 13.484 min
Delta R.T.: -0.005 min
Response: 2660159
Conc: 17.43 ug/ml



#13 n-Docosane (C22)

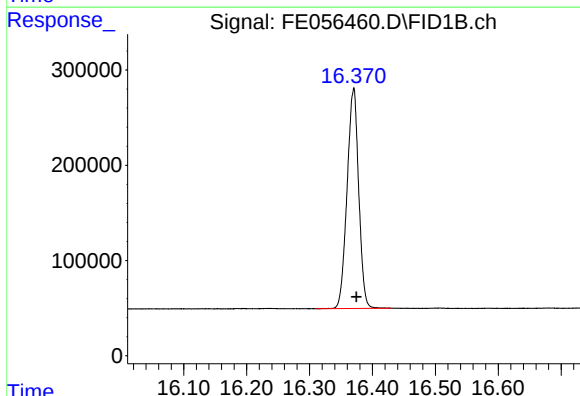
R.T.: 14.239 min
Delta R.T.: -0.005 min
Response: 3034637
Conc: 17.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



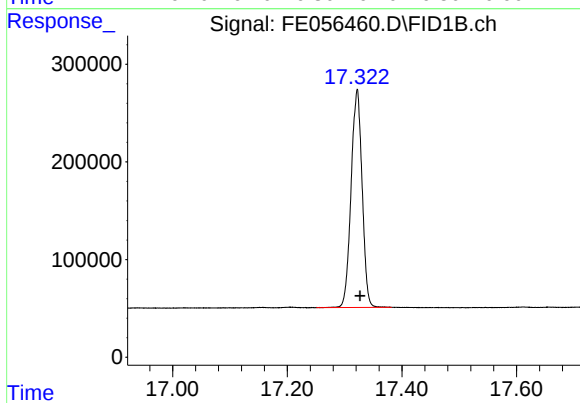
#14 n-Tetracosane (C24)

R.T.: 15.345 min
Delta R.T.: -0.005 min
Response: 3048328
Conc: 16.75 ug/ml



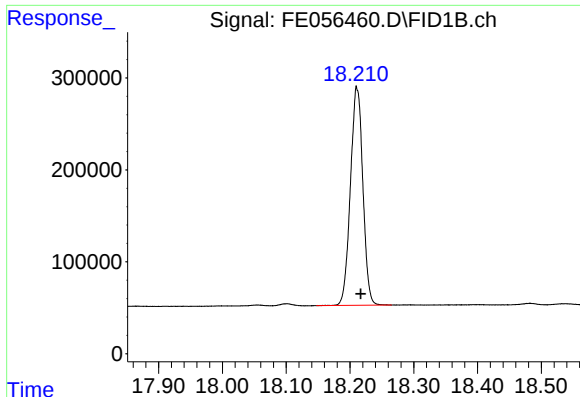
#15 n-Hexacosane (C26)

R.T.: 16.370 min
Delta R.T.: -0.005 min
Response: 2965151
Conc: 16.52 ug/ml



#16 n-Octacosane (C28)

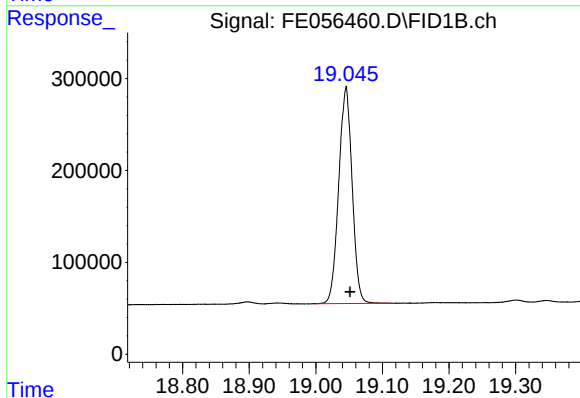
R.T.: 17.322 min
Delta R.T.: -0.005 min
Response: 2976763
Conc: 16.73 ug/ml



#17 n-Tricontane (C30)

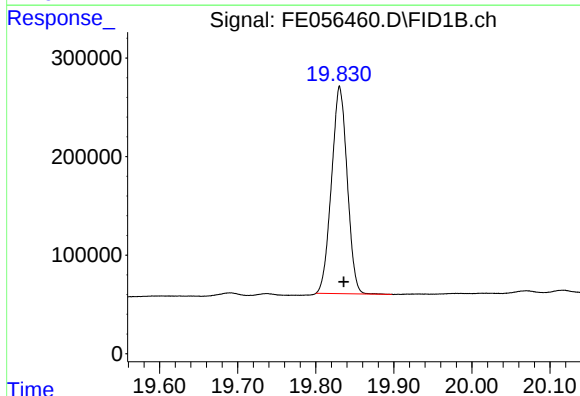
R.T.: 18.211 min
Delta R.T.: -0.006 min
Response: 3218222
Conc: 17.73 ug/ml

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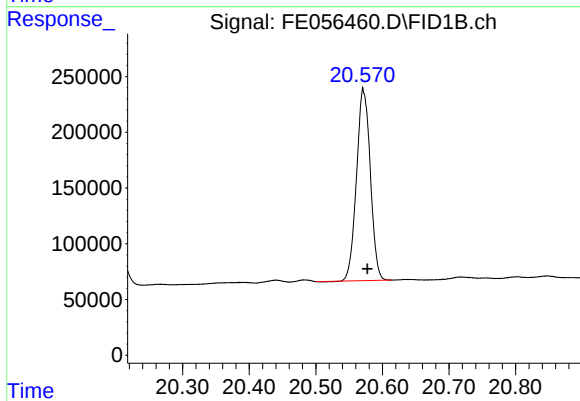
#18 n-Dotriacontane (C32)

R.T.: 19.045 min
Delta R.T.: -0.006 min
Response: 3299731
Conc: 18.72 ug/ml



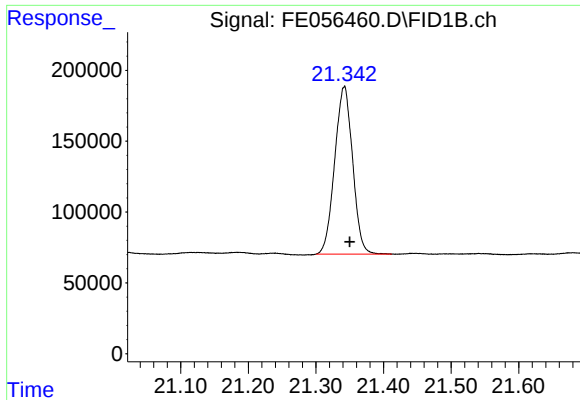
#19 n-Tetratriacontane (C34)

R.T.: 19.831 min
Delta R.T.: -0.005 min
Response: 2935576
Conc: 18.96 ug/ml



#20 n-Hexatriacontane (C36)

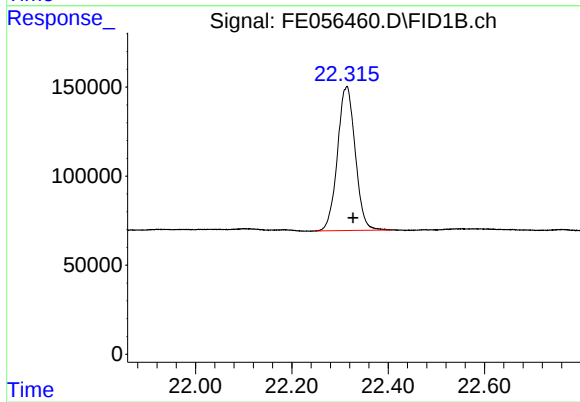
R.T.: 20.572 min
Delta R.T.: -0.006 min
Response: 2480521
Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.342 min
Delta R.T.: -0.008 min
Response: 2179041
Conc: 20.86 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.314 min
Delta R.T.: -0.014 min
Response: 2071939
Conc: 22.83 ug/ml