

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081425AL\
 Data File : FE055316.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2025 00:38
 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: Aug 15 12:02:04 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	2436343	17.061 ug/ml
Spiked Amount 50.000		Recovery =	34.12%
12) S 1-chlorooctadecane (S...	13.521	1871944	17.410 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
Target Compounds			
1) T n-Nonane (C9)	3.421	1911068	16.651 ug/ml
2) T n-Decane (C10)	4.679	2017534	17.319 ug/ml
3) T A~Naphthalene (C11.7)	6.399	2269968	16.911 ug/ml
4) T n-Dodecane (C12)	6.855	2078592	17.455 ug/ml
5) T A~2-methylnaphthalene...	7.500	2214825	16.987 ug/ml
6) T n-Tetradecane (C14)	8.692	2133075	17.397 ug/ml
7) T n-Hexadecane (C16)	10.307	2227176	17.421 ug/ml
8) T n-Octadecane (C18)	11.757	2269819	17.397 ug/ml
10) T n-Eicosane (C20)	13.072	2180022	17.375 ug/ml
11) T n-Heneicosane (C21)	13.686	2124177	17.232 ug/ml
13) T n-Docosane (C22)	14.275	2183605	17.881 ug/ml
14) T n-Tetracosane (C24)	15.381	2327896	19.139 ug/ml
15) T n-Hexacosane (C26)	16.405	2384088	19.926 ug/ml
16) T n-Octacosane (C28)	17.358	2568223	21.650 ug/ml
17) T n-Tricontane (C30)	18.248	2781048	22.601 ug/ml
18) T n-Dotriacontane (C32)	19.083	2845219	23.319 ug/ml
19) T n-Tetratriacontane (C34)	19.868	2566920	21.955 ug/ml
20) T n-Hexatriacontane (C36)	20.610	2246257	20.552 ug/ml
21) T n-Octatriacontane (C38)	21.389	2062442	19.084 ug/ml
22) T n-Tetracontane (C40)	22.382	1850140	17.692 ug/ml

(f)=RT Delta > 1/2 Window

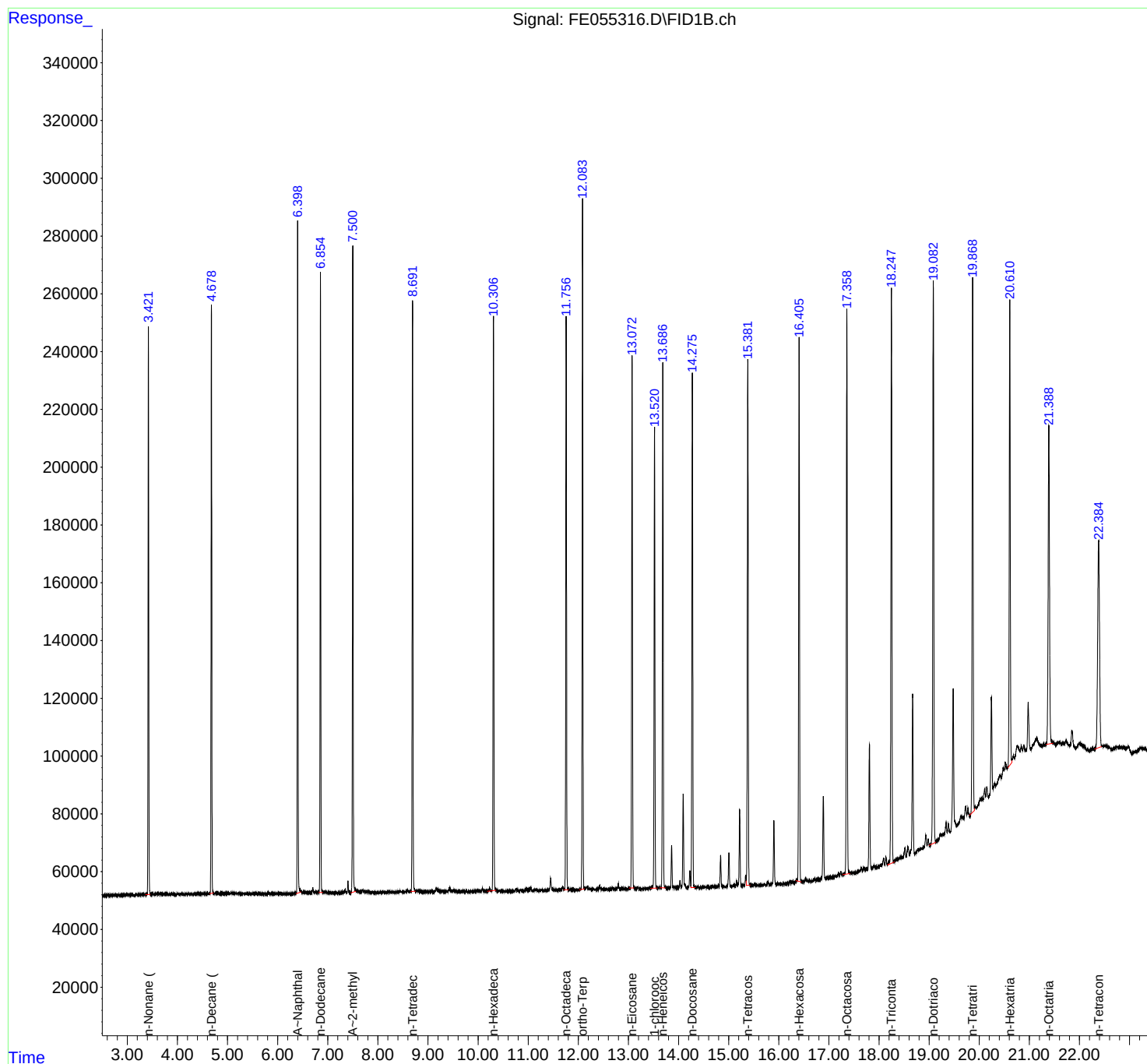
(m)=manual int.

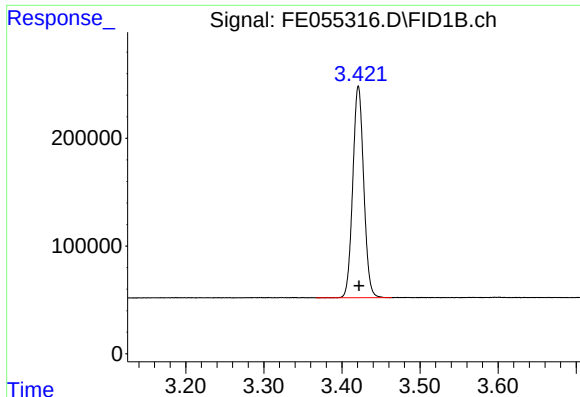
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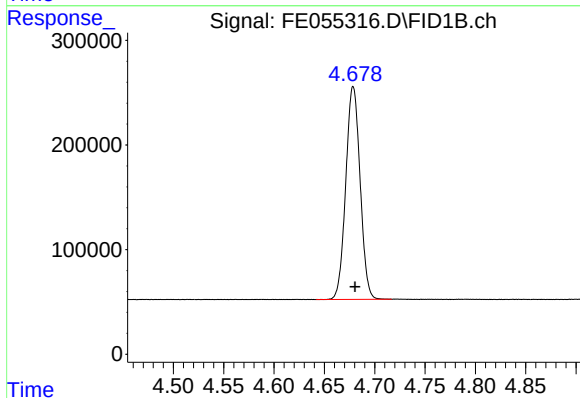




#1 n-Nonane (C9)

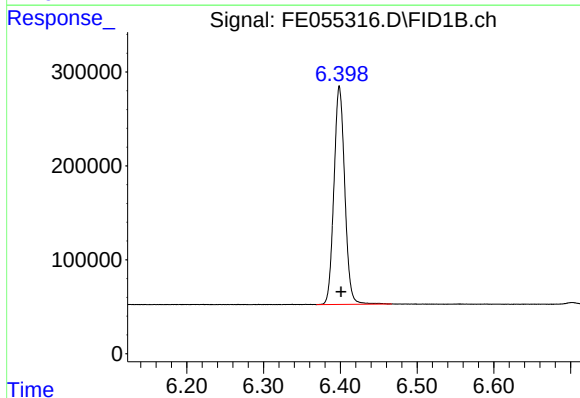
R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 1911068
Conc: 16.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



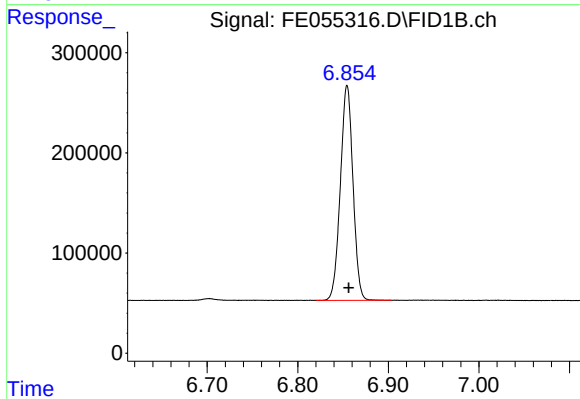
#2 n-Decane (C10)

R.T.: 4.679 min
Delta R.T.: -0.002 min
Response: 2017534
Conc: 17.32 ug/ml



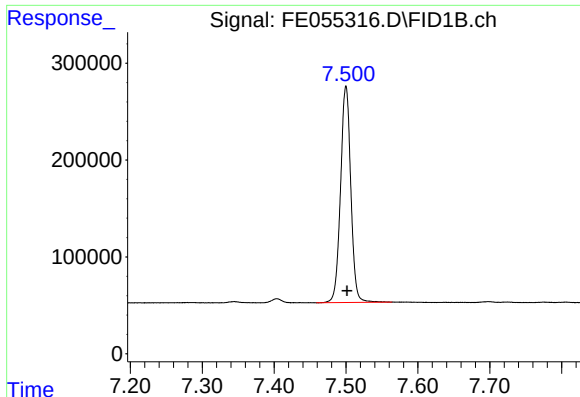
#3 A~Naphthalene (C11.7)

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 2269968
Conc: 16.91 ug/ml



#4 n-Dodecane (C12)

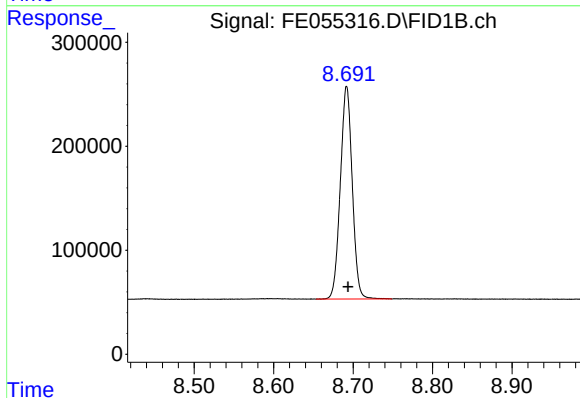
R.T.: 6.855 min
Delta R.T.: -0.002 min
Response: 2078592
Conc: 17.46 ug/ml



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

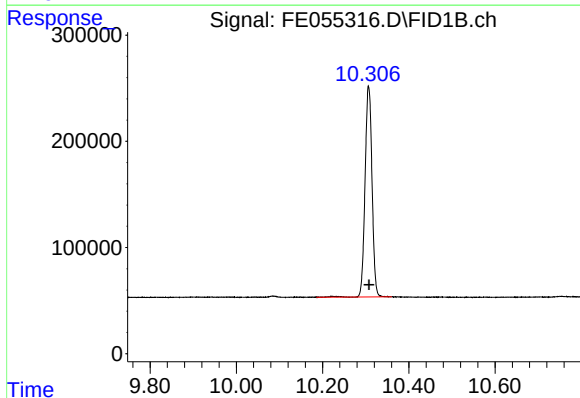
R.T.: 7.500 min
Delta R.T.: -0.001 min
Response: 2214825
Conc: 16.99 ug/ml

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20 PPM ALIPHATIC HC STD



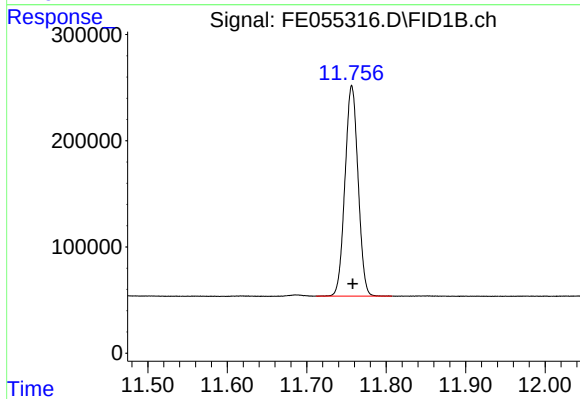
#6 n-Tetradecane (C14)

R.T.: 8.692 min
Delta R.T.: -0.002 min
Response: 2133075
Conc: 17.40 ug/ml



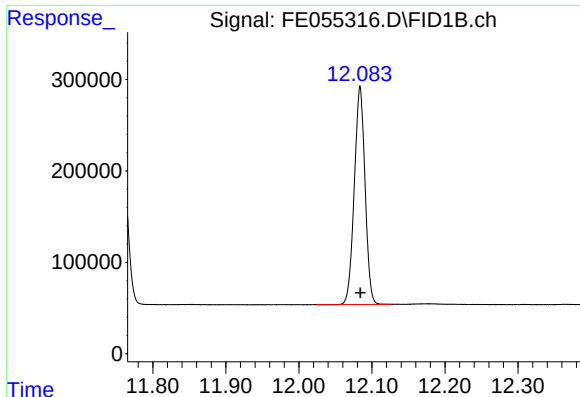
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.001 min
Response: 2227176
Conc: 17.42 ug/ml



#8 n-Octadecane (C18)

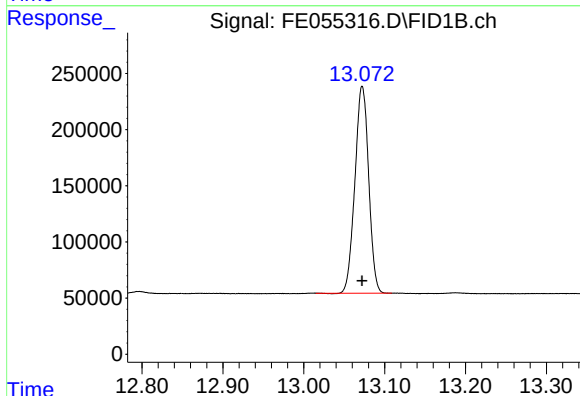
R.T.: 11.757 min
Delta R.T.: -0.001 min
Response: 2269819
Conc: 17.40 ug/ml



#9 ortho-Terphenyl (SURR)

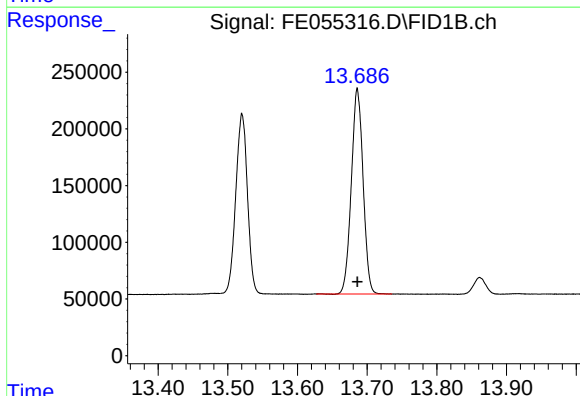
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 2436343
Conc: 17.06 ug/ml

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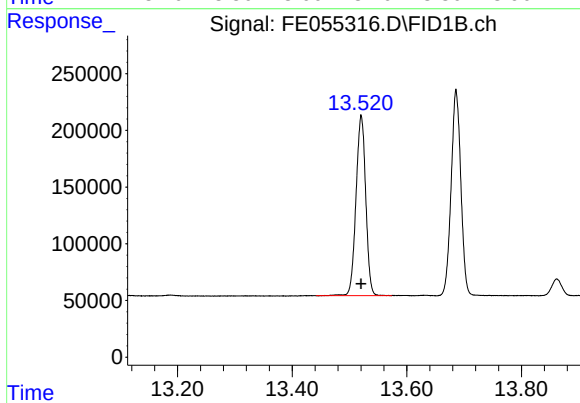
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 2180022
Conc: 17.37 ug/ml



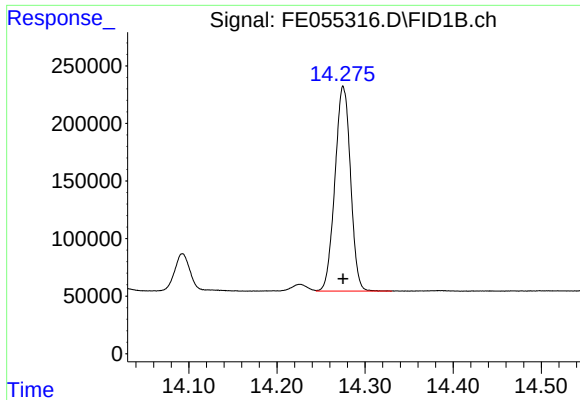
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 2124177
Conc: 17.23 ug/ml



#12 1-chlorooctadecane (SURR)

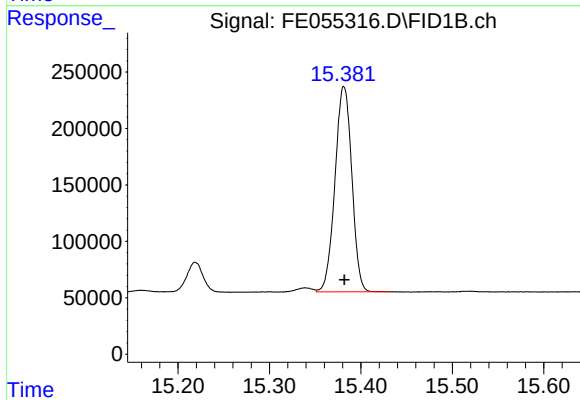
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 1871944
Conc: 17.41 ug/ml



#13 n-Docosane (C22)

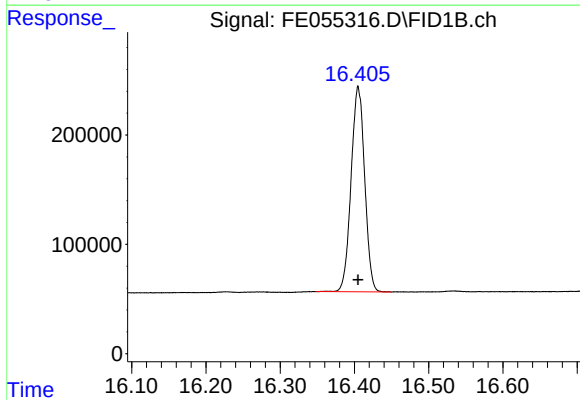
R.T.: 14.275 min
Delta R.T.: 0.000 min
Response: 2183605
Conc: 17.88 ug/ml

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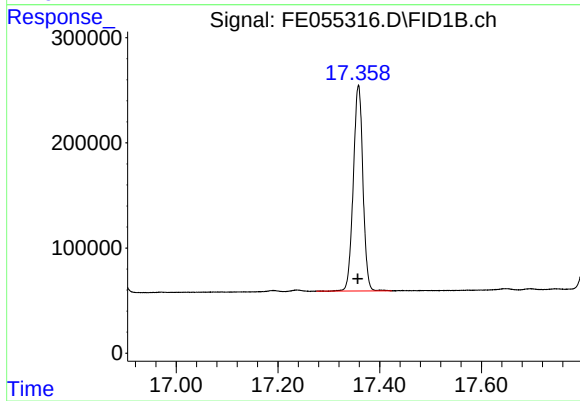
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: 0.000 min
Response: 2327896
Conc: 19.14 ug/ml



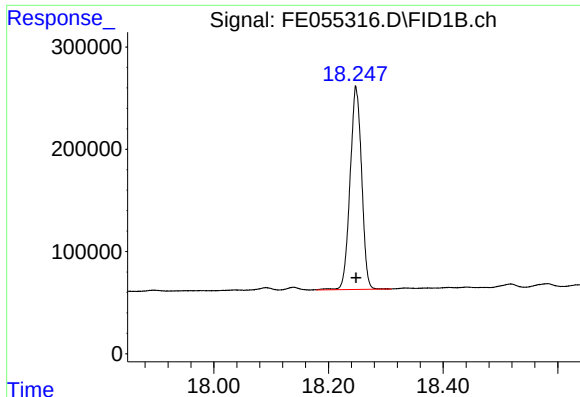
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 2384088
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

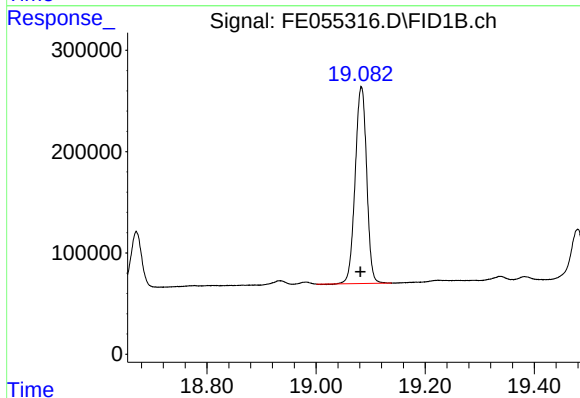
R.T.: 17.358 min
Delta R.T.: 0.001 min
Response: 2568223
Conc: 21.65 ug/ml



#17 n-Tricontane (C30)

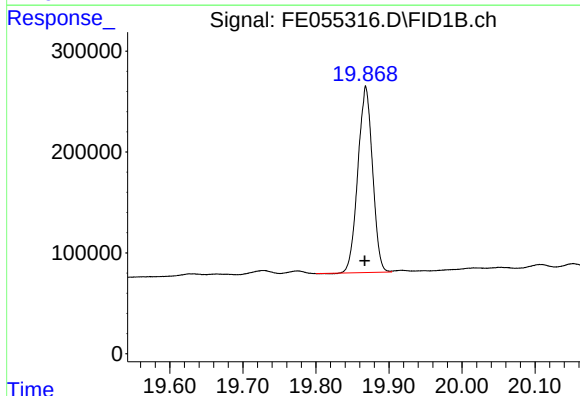
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 2781048
Conc: 22.60 ug/ml

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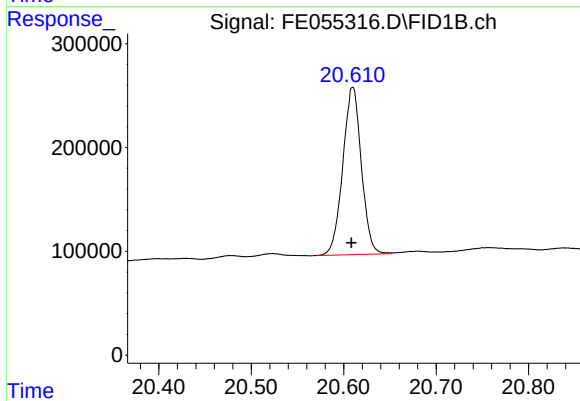
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.001 min
Response: 2845219
Conc: 23.32 ug/ml



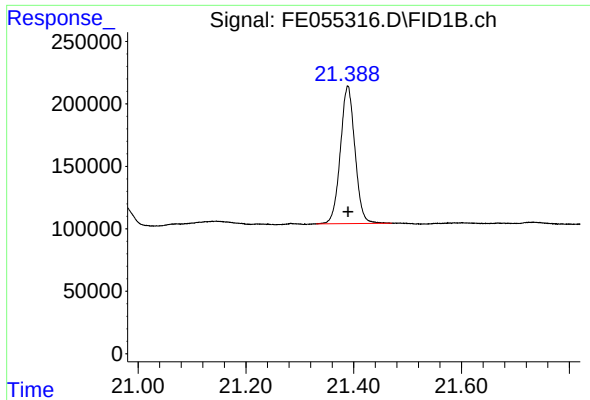
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 2566920
Conc: 21.95 ug/ml



#20 n-Hexatriacontane (C36)

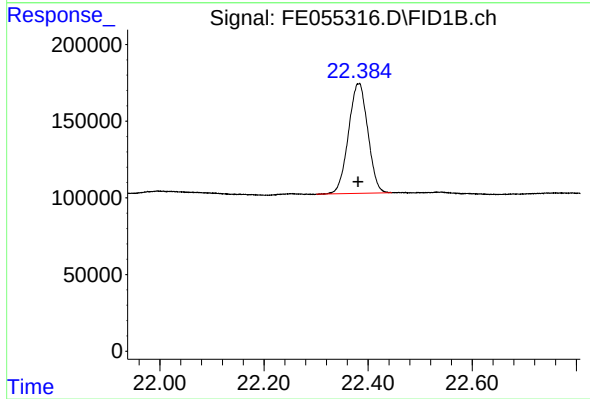
R.T.: 20.610 min
Delta R.T.: 0.001 min
Response: 2246257
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.000 min
Response: 2062442
Conc: 19.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.382 min
Delta R.T.: 0.001 min
Response: 1850140
Conc: 17.69 ug/ml