

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101325AL\
 Data File : FE056316.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2025 21:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 14 04:09:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.064	4084951	21.769 ug/ml
Spiked Amount 50.000		Recovery =	43.54%
12) S 1-chlorooctadecane (S...	13.501	3007985	21.553 ug/ml
Spiked Amount 50.000		Recovery =	43.11%
Target Compounds			
1) T n-Nonane (C9)	3.404	2426252	17.711 ug/ml
2) T n-Decane (C10)	4.663	2602914	18.650 ug/ml
3) T A~Naphthalene (C11.7)	6.383	3306426	20.709 ug/ml
4) T n-Dodecane (C12)	6.839	2897363	20.187 ug/ml
5) T A~2-methylnaphthalene...	7.483	3301705	21.230 ug/ml
6) T n-Tetradecane (C14)	8.674	3150098	21.307 ug/ml
7) T n-Hexadecane (C16)	10.288	3512056	22.101 ug/ml
8) T n-Octadecane (C18)	11.738	3742385	22.094 ug/ml
10) T n-Eicosane (C20)	13.053	3622068	21.851 ug/ml
11) T n-Heneicosane (C21)	13.667	3503500	21.561 ug/ml
13) T n-Docosane (C22)	14.255	3395191	21.248 ug/ml
14) T n-Tetracosane (C24)	15.361	3177785	20.854 ug/ml
15) T n-Hexacosane (C26)	16.385	2947647	20.666 ug/ml
16) T n-Octacosane (C28)	17.337	2838334	20.375 ug/ml
17) T n-Tricontane (C30)	18.227	2949557	19.905 ug/ml
18) T n-Dotriacontane (C32)	19.060	2984496	20.003 ug/ml
19) T n-Tetratriacontane (C34)	19.845	2880599	20.365 ug/ml
20) T n-Hexatriacontane (C36)	20.586	2634262	20.521 ug/ml
21) T n-Octatriacontane (C38)	21.361	2444430	18.611 ug/ml
22) T n-Tetracontane (C40)	22.340	2428568	20.414 ug/ml

(f)=RT Delta > 1/2 Window

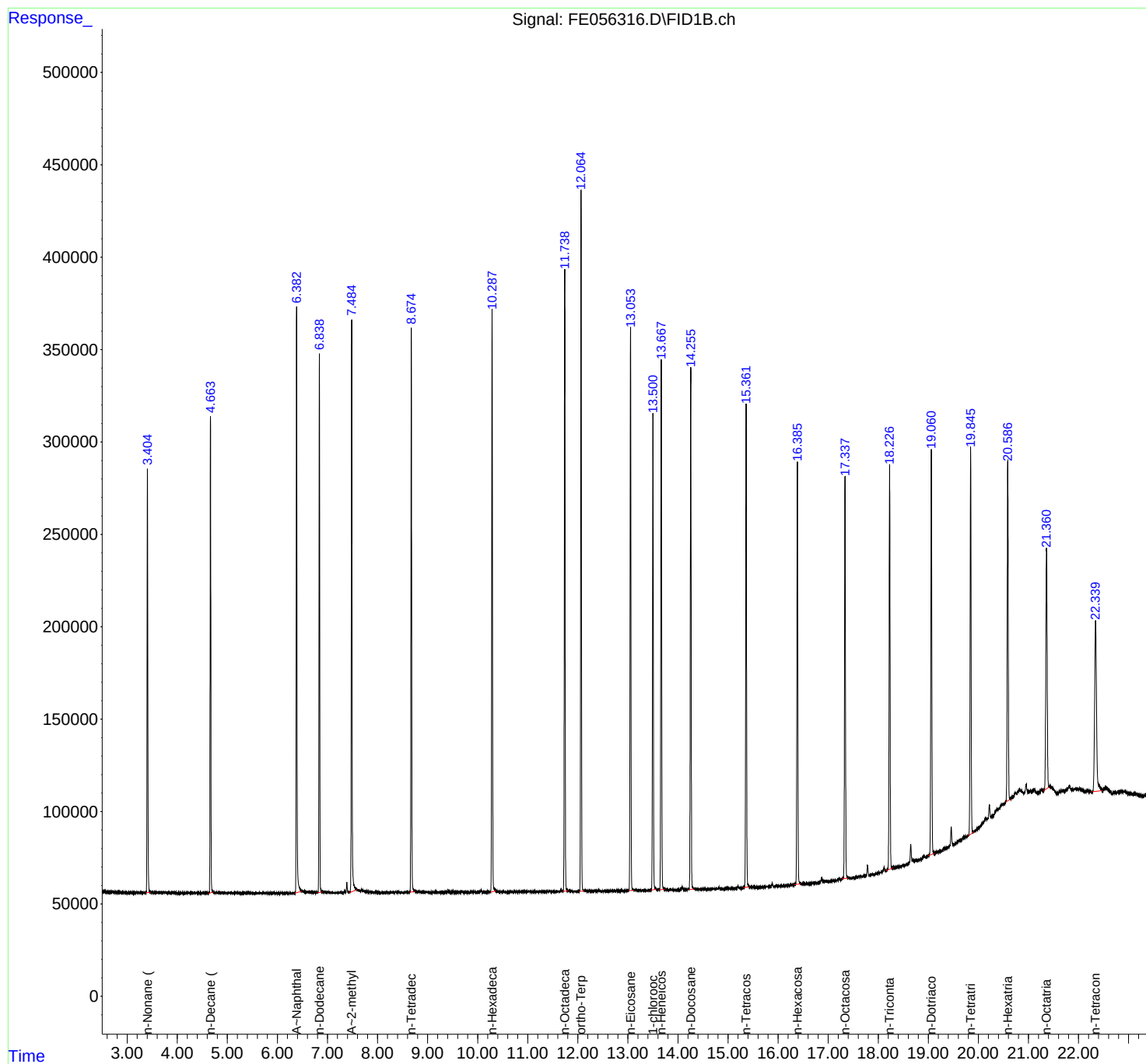
(m)=manual int.

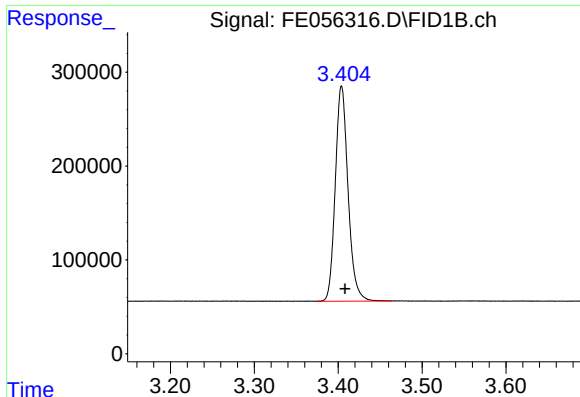
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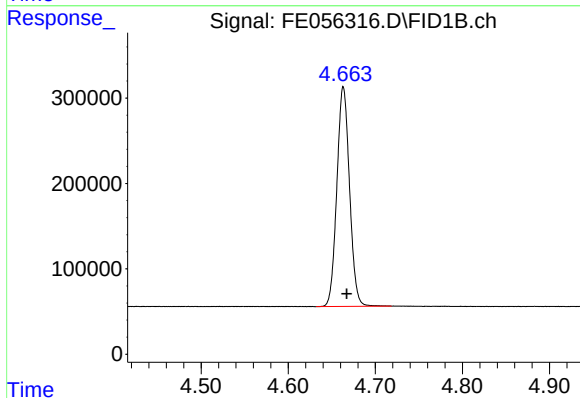




#1 n-Nonane (C9)

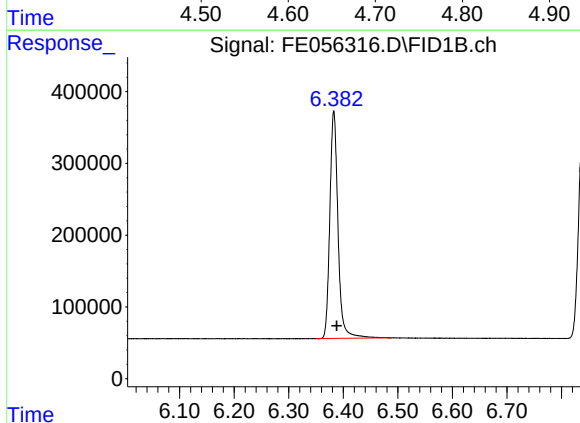
R.T.: 3.404 min
Delta R.T.: -0.004 min
Response: 2426252
Conc: 17.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



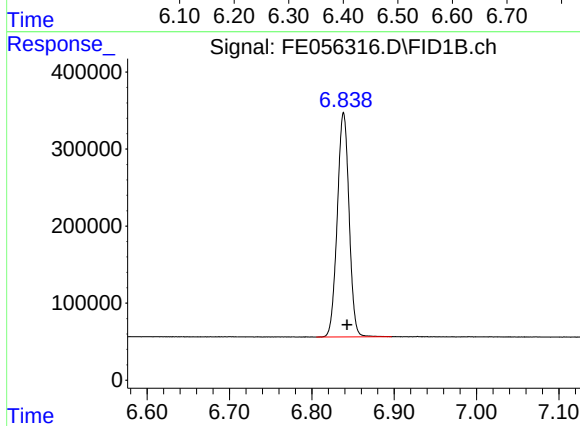
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.004 min
Response: 2602914
Conc: 18.65 ug/ml



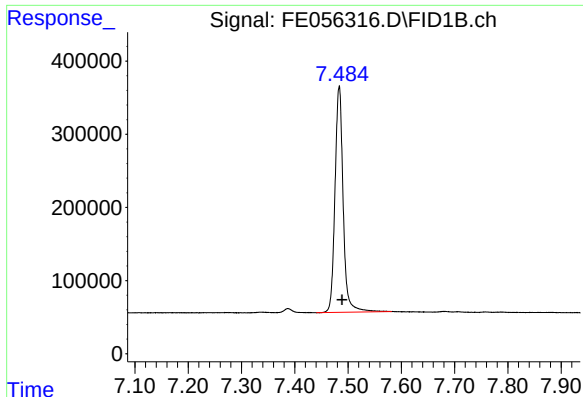
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 3306426
Conc: 20.71 ug/ml



#4 n-Dodecane (C12)

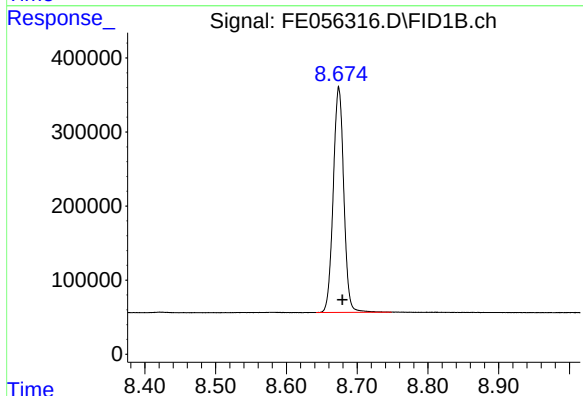
R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 2897363
Conc: 20.19 ug/ml



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

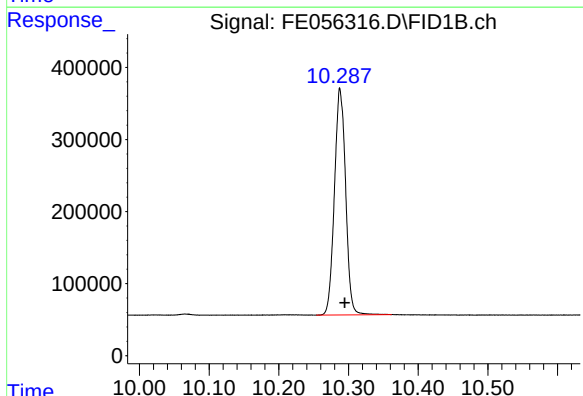
R.T.: 7.483 min
Delta R.T.: -0.005 min
Response: 3301705
Conc: 21.23 ug/ml

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20 PPM ALIPHATIC HC STD



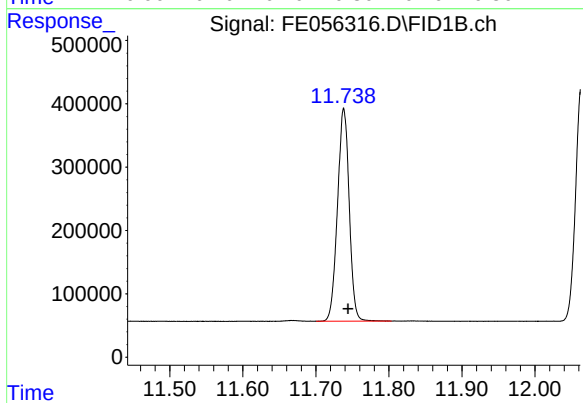
#6 n-Tetradecane (C14)

R.T.: 8.674 min
Delta R.T.: -0.005 min
Response: 3150098
Conc: 21.31 ug/ml



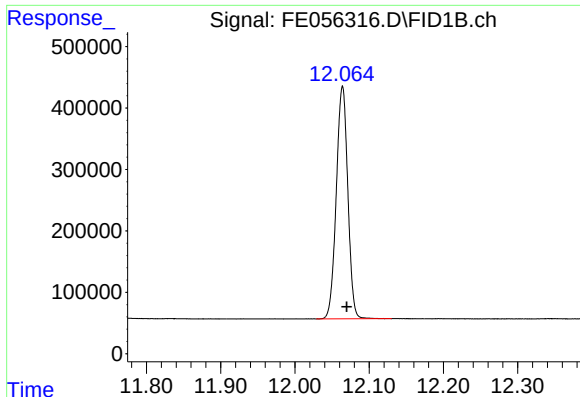
#7 n-Hexadecane (C16)

R.T.: 10.288 min
Delta R.T.: -0.006 min
Response: 3512056
Conc: 22.10 ug/ml



#8 n-Octadecane (C18)

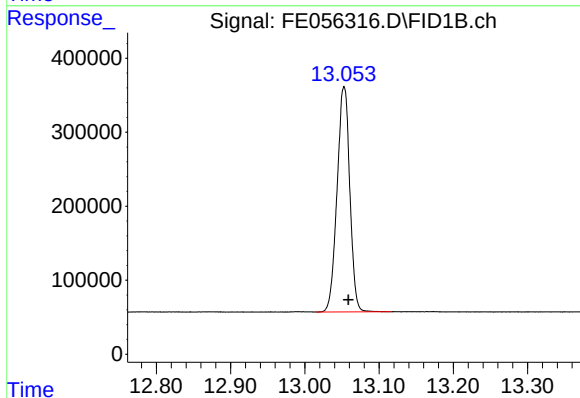
R.T.: 11.738 min
Delta R.T.: -0.006 min
Response: 3742385
Conc: 22.09 ug/ml



#9 ortho-Terphenyl (SURR)

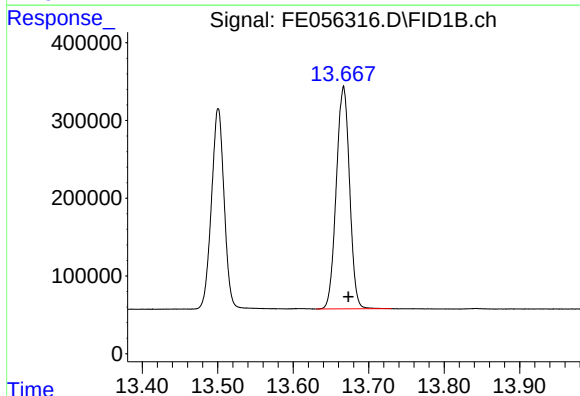
R.T.: 12.064 min
Delta R.T.: -0.006 min
Response: 4084951
Conc: 21.77 ug/ml

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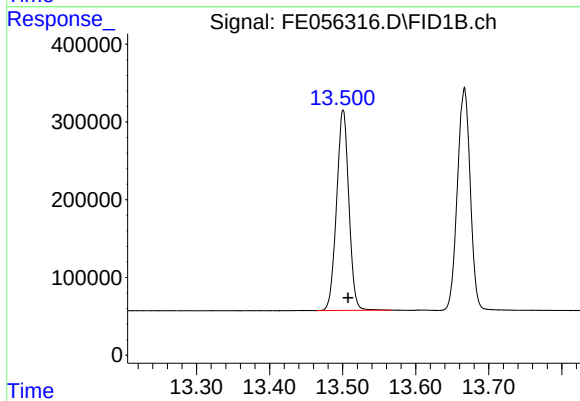
#10 n-Eicosane (C20)

R.T.: 13.053 min
Delta R.T.: -0.006 min
Response: 3622068
Conc: 21.85 ug/ml



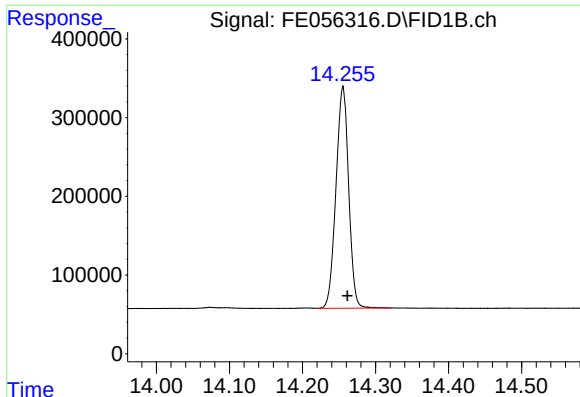
#11 n-Heneicosane (C21)

R.T.: 13.667 min
Delta R.T.: -0.007 min
Response: 3503500
Conc: 21.56 ug/ml



#12 1-chlorooctadecane (SURR)

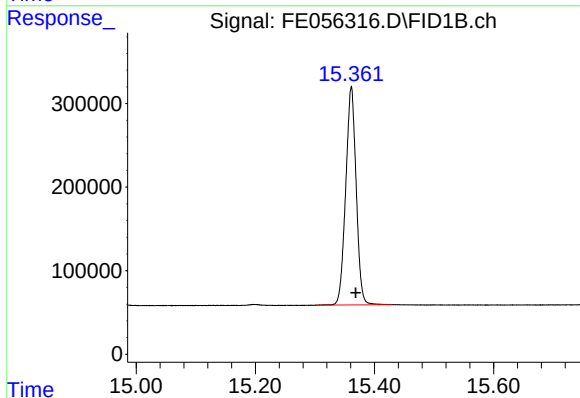
R.T.: 13.501 min
Delta R.T.: -0.007 min
Response: 3007985
Conc: 21.55 ug/ml



#13 n-Docosane (C22)

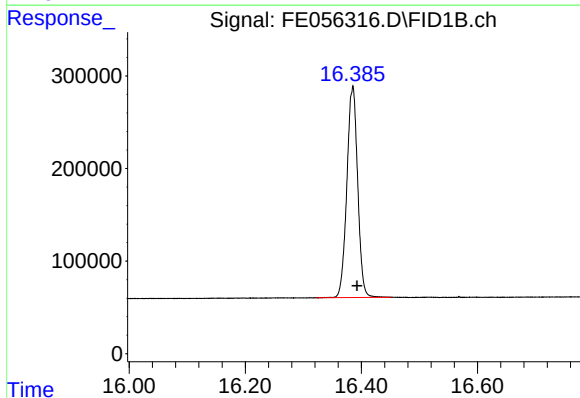
R.T.: 14.255 min
Delta R.T.: -0.006 min
Response: 3395191
Conc: 21.25 ug/ml

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20 PPM ALIPHATIC HC STD



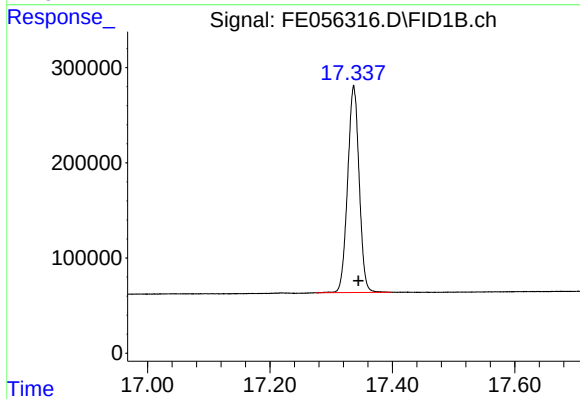
#14 n-Tetracosane (C24)

R.T.: 15.361 min
Delta R.T.: -0.008 min
Response: 3177785
Conc: 20.85 ug/ml



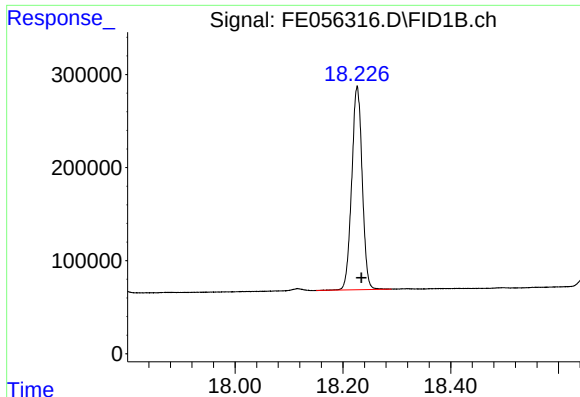
#15 n-Hexacosane (C26)

R.T.: 16.385 min
Delta R.T.: -0.008 min
Response: 2947647
Conc: 20.67 ug/ml



#16 n-Octacosane (C28)

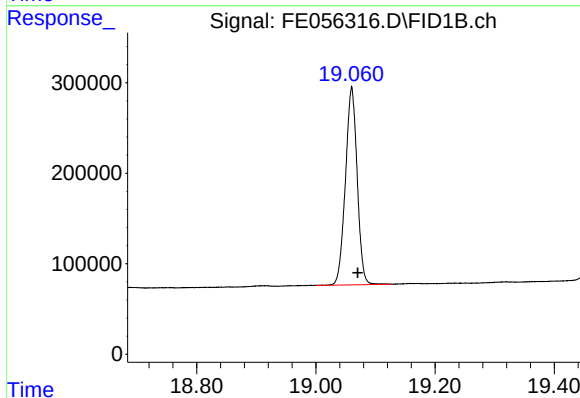
R.T.: 17.337 min
Delta R.T.: -0.008 min
Response: 2838334
Conc: 20.37 ug/ml



#17 n-Tricontane (C30)

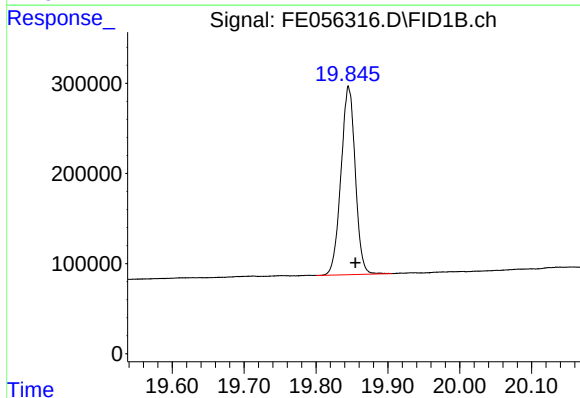
R.T.: 18.227 min
Delta R.T.: -0.008 min
Response: 2949557
Conc: 19.91 ug/ml

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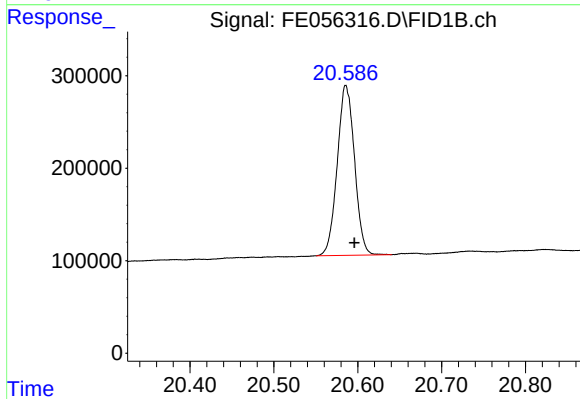
#18 n-Dotriacontane (C32)

R.T.: 19.060 min
Delta R.T.: -0.010 min
Response: 2984496
Conc: 20.00 ug/ml



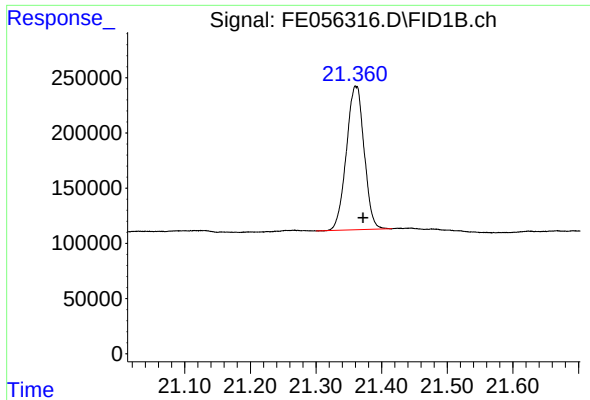
#19 n-Tetratriacontane (C34)

R.T.: 19.845 min
Delta R.T.: -0.009 min
Response: 2880599
Conc: 20.36 ug/ml



#20 n-Hexatriacontane (C36)

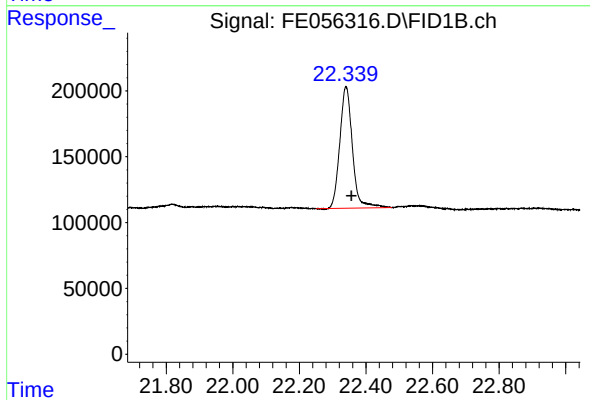
R.T.: 20.586 min
Delta R.T.: -0.010 min
Response: 2634262
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.361 min
Delta R.T.: -0.011 min
Response: 2444430
Conc: 18.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.340 min
Delta R.T.: -0.016 min
Response: 2428568
Conc: 20.41 ug/ml