

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100825AL\
 Data File : FE056245.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2025 12:22
 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: Oct 09 01:18:06 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)	12.066	4362435	23.247 ug/ml
Spiked Amount 50.000		Recovery =	46.49%
12) S 1-chlorooctadecane (S...	13.502	3207821	22.984 ug/ml
Spiked Amount 50.000		Recovery =	45.97%
Target Compounds			
1) T n-Nonane (C9)	3.406	2558733	18.678 ug/ml
2) T n-Decane (C10)	4.665	2790168	19.992 ug/ml
3) T A~Naphthalene (C11.7)	6.384	3514096	22.009 ug/ml
4) T n-Dodecane (C12)	6.840	3118123	21.725 ug/ml
5) T A~2-methylnaphthalene...	7.485	3524598	22.663 ug/ml
6) T n-Tetradecane (C14)	8.676	3402333	23.013 ug/ml
7) T n-Hexadecane (C16)	10.291	3778932	23.781 ug/ml
8) T n-Octadecane (C18)	11.740	4019272	23.729 ug/ml
10) T n-Eicosane (C20)	13.054	3872098	23.359 ug/ml
11) T n-Heneicosane (C21)	13.668	3743215	23.036 ug/ml
13) T n-Docosane (C22)	14.256	3635011	22.749 ug/ml
14) T n-Tetracosane (C24)	15.363	3444760	22.606 ug/ml
15) T n-Hexacosane (C26)	16.386	3193018	22.387 ug/ml
16) T n-Octacosane (C28)	17.338	3128845	22.460 ug/ml
17) T n-Tricontane (C30)	18.228	3337181	22.521 ug/ml
18) T n-Dotriacontane (C32)	19.062	3469520	23.254 ug/ml
19) T n-Tetratriacontane (C34)	19.847	3337646	23.596 ug/ml
20) T n-Hexatriacontane (C36)	20.588	3003821	23.400 ug/ml
21) T n-Octatriacontane (C38)	21.361	2800428	21.322 ug/ml
22) T n-Tetracontane (C40)	22.340	2549227	21.428 ug/ml

(f)=RT Delta > 1/2 Window

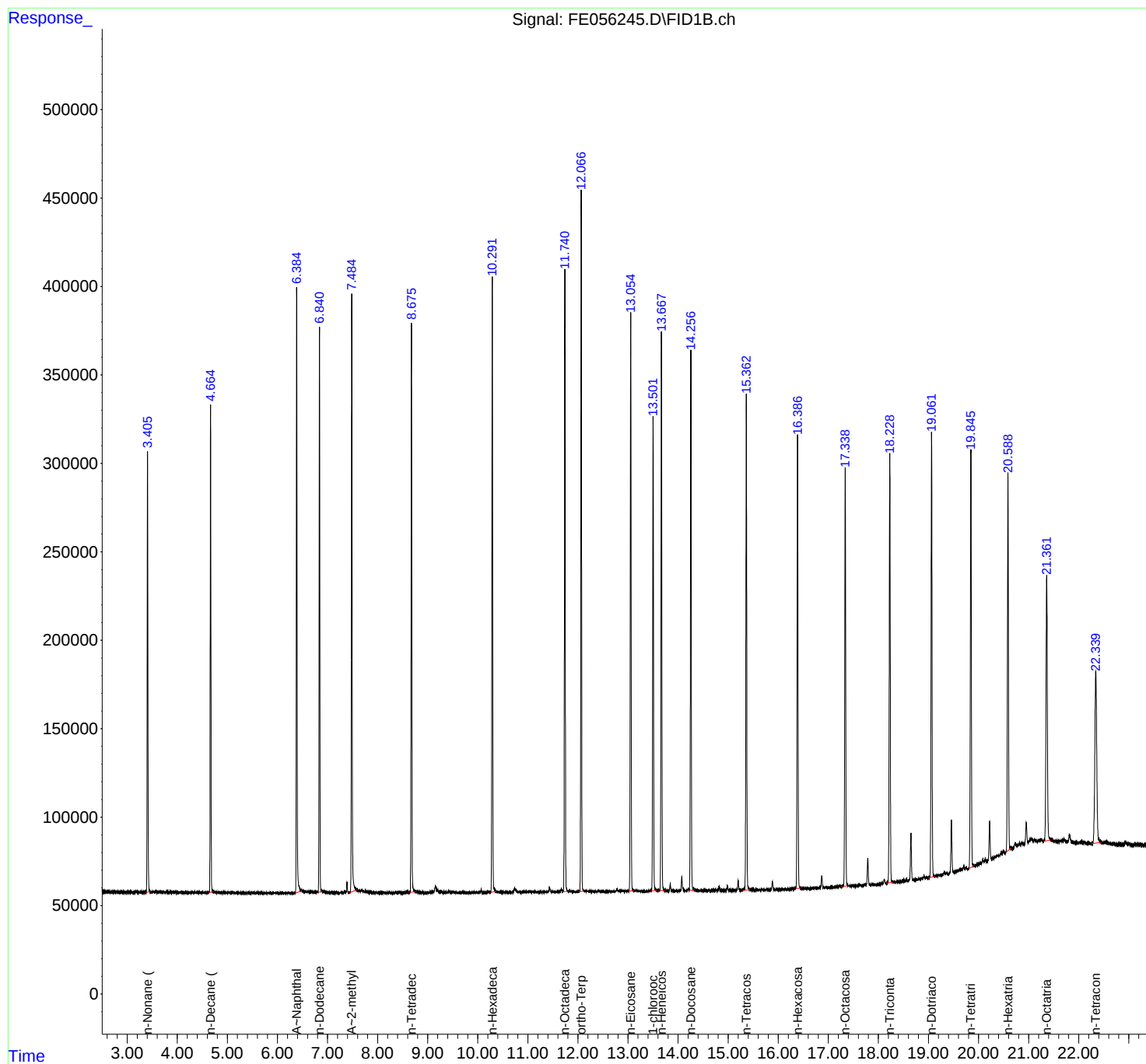
(m)=manual int.

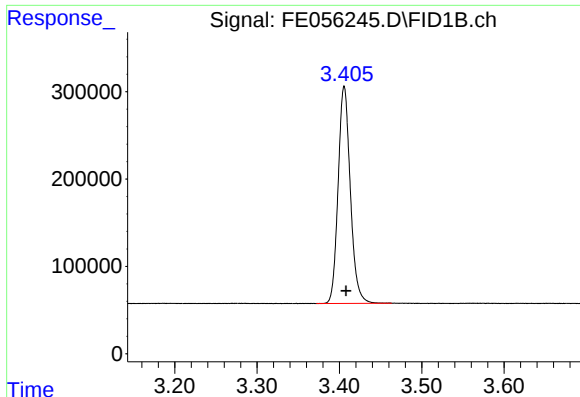
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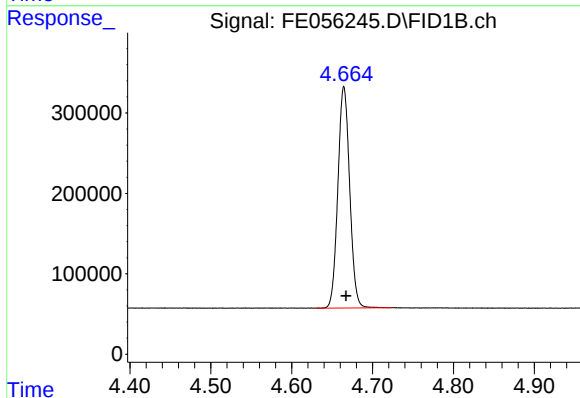




#1 n-Nonane (C9)

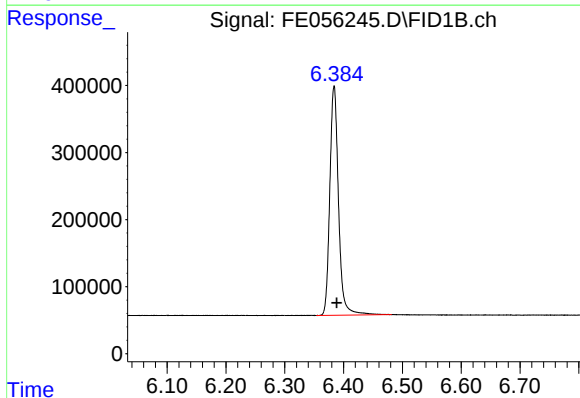
R.T.: 3.406 min
Delta R.T.: -0.002 min
Response: 2558733
Conc: 18.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



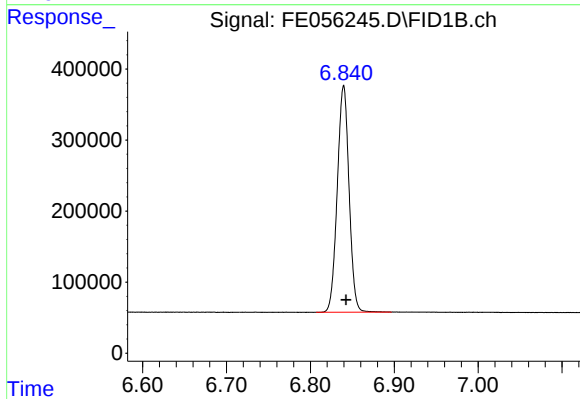
#2 n-Decane (C10)

R.T.: 4.665 min
Delta R.T.: -0.003 min
Response: 2790168
Conc: 19.99 ug/ml



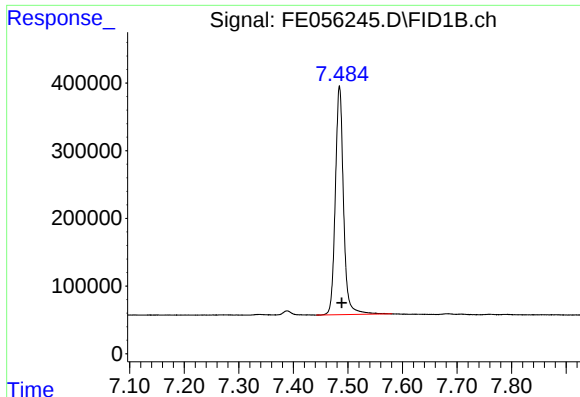
#3 A~Naphthalene (C11.7)

R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 3514096
Conc: 22.01 ug/ml



#4 n-Dodecane (C12)

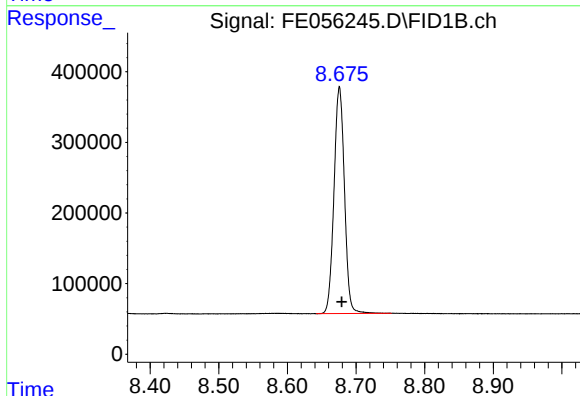
R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 3118123
Conc: 21.72 ug/ml



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

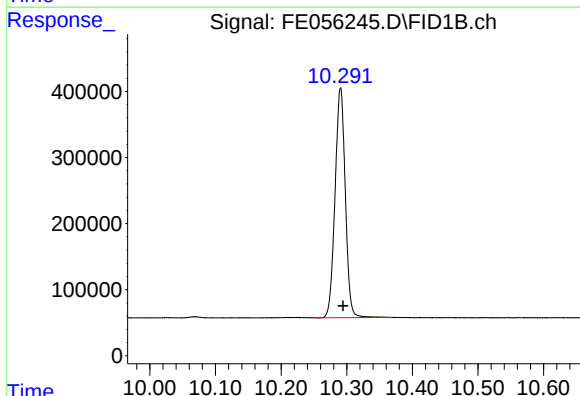
R.T.: 7.485 min
Delta R.T.: -0.004 min
Response: 3524598
Conc: 22.66 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



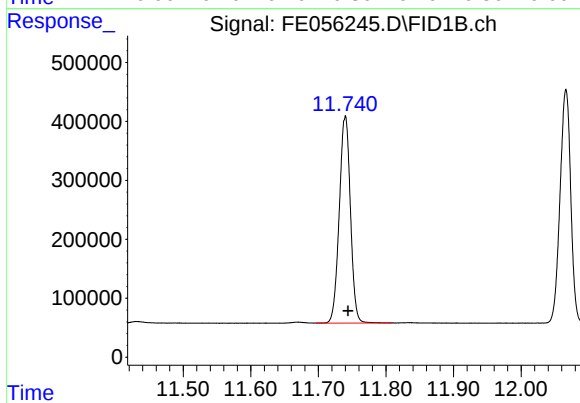
#6 n-Tetradecane (C14)

R.T.: 8.676 min
Delta R.T.: -0.004 min
Response: 3402333
Conc: 23.01 ug/ml



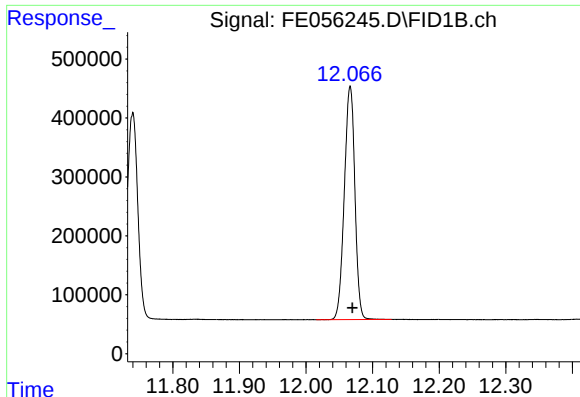
#7 n-Hexadecane (C16)

R.T.: 10.291 min
Delta R.T.: -0.004 min
Response: 3778932
Conc: 23.78 ug/ml



#8 n-Octadecane (C18)

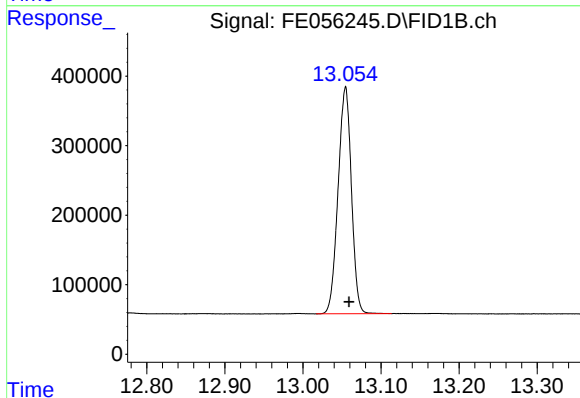
R.T.: 11.740 min
Delta R.T.: -0.004 min
Response: 4019272
Conc: 23.73 ug/ml



#9 ortho-Terphenyl (SURR)

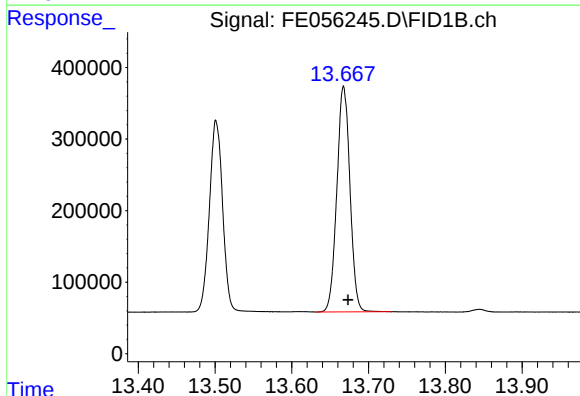
R.T.: 12.066 min
Delta R.T.: -0.004 min
Response: 4362435
Conc: 23.25 ug/ml

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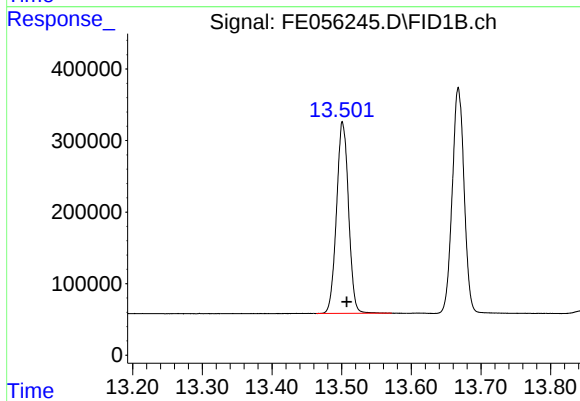
#10 n-Eicosane (C20)

R.T.: 13.054 min
Delta R.T.: -0.004 min
Response: 3872098
Conc: 23.36 ug/ml



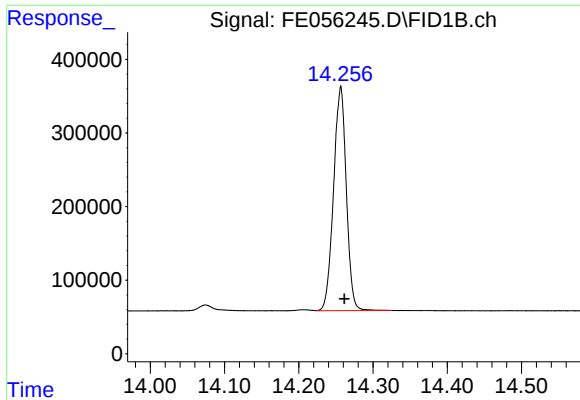
#11 n-Heneicosane (C21)

R.T.: 13.668 min
Delta R.T.: -0.005 min
Response: 3743215
Conc: 23.04 ug/ml



#12 1-chlorooctadecane (SURR)

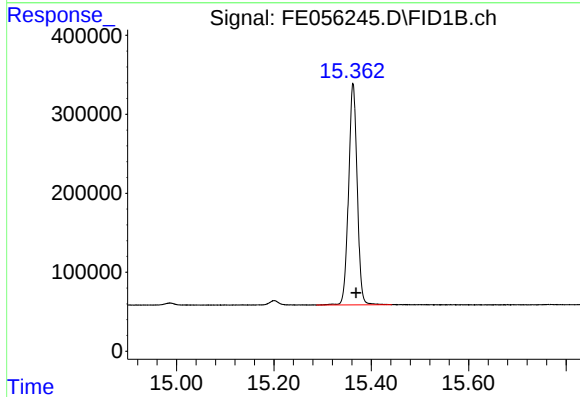
R.T.: 13.502 min
Delta R.T.: -0.006 min
Response: 3207821
Conc: 22.98 ug/ml



#13 n-Docosane (C22)

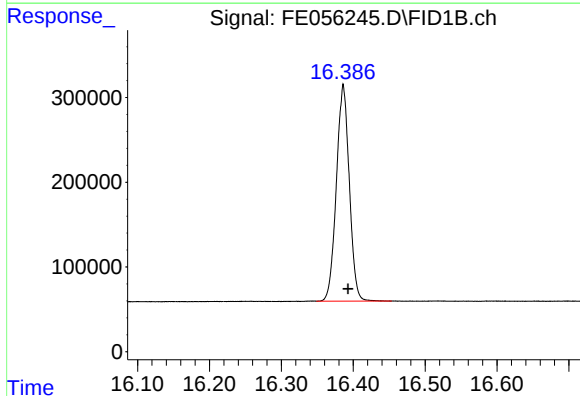
R.T.: 14.256 min
Delta R.T.: -0.005 min
Response: 3635011
Conc: 22.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



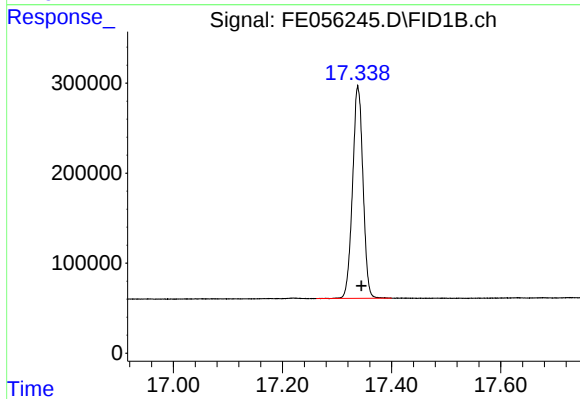
#14 n-Tetracosane (C24)

R.T.: 15.363 min
Delta R.T.: -0.006 min
Response: 3444760
Conc: 22.61 ug/ml



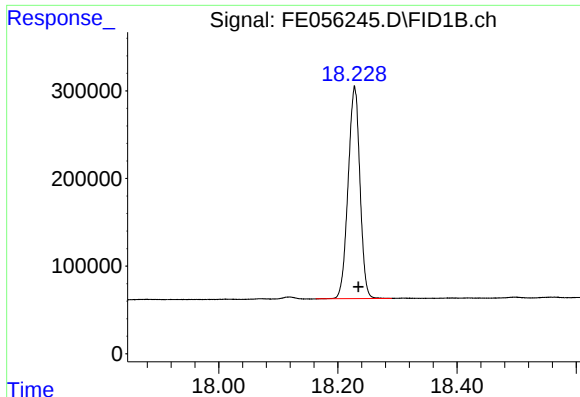
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: -0.007 min
Response: 3193018
Conc: 22.39 ug/ml



#16 n-Octacosane (C28)

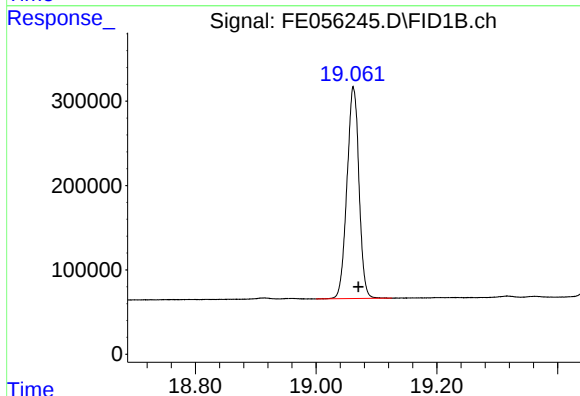
R.T.: 17.338 min
Delta R.T.: -0.006 min
Response: 3128845
Conc: 22.46 ug/ml



#17 n-Tricontane (C30)

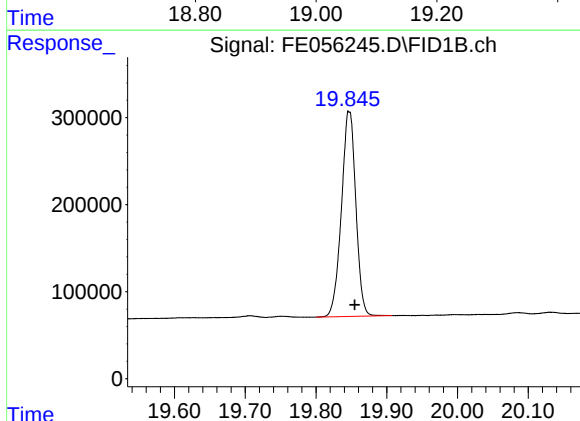
R.T.: 18.228 min
Delta R.T.: -0.007 min
Response: 3337181
Conc: 22.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



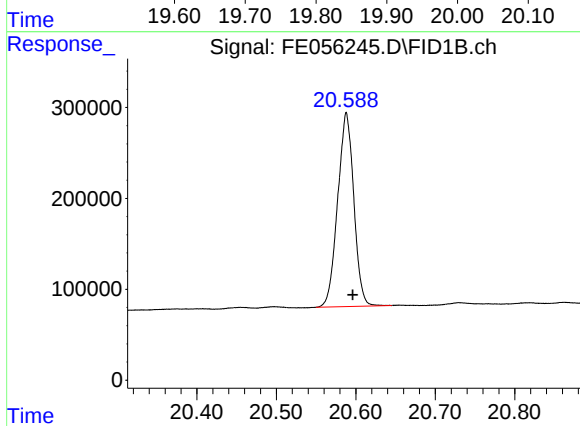
#18 n-Dotriacontane (C32)

R.T.: 19.062 min
Delta R.T.: -0.008 min
Response: 3469520
Conc: 23.25 ug/ml



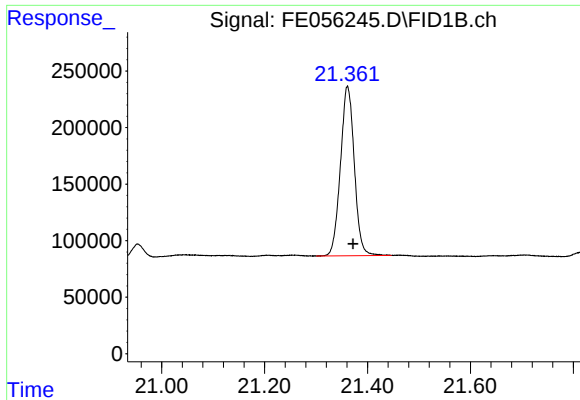
#19 n-Tetratriacontane (C34)

R.T.: 19.847 min
Delta R.T.: -0.008 min
Response: 3337646
Conc: 23.60 ug/ml



#20 n-Hexatriacontane (C36)

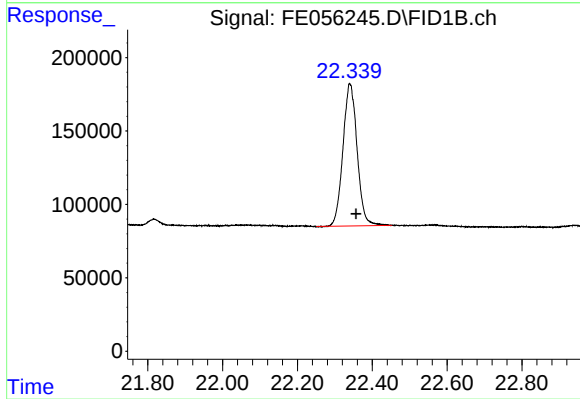
R.T.: 20.588 min
Delta R.T.: -0.008 min
Response: 3003821
Conc: 23.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.361 min
Delta R.T.: -0.010 min
Response: 2800428
Conc: 21.32 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.340 min
Delta R.T.: -0.016 min
Response: 2549227
Conc: 21.43 ug/ml