

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101025AL\
 Data File : FE056292.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2025 08:06
 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 10 20:51:39 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)	12.060	3743220	19.948 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	13.497	2789654	19.988 ug/ml
Spiked Amount 50.000		Recovery =	39.98%
Target Compounds			
1) T n-Nonane (C9)	3.405	2130594	15.553 ug/ml
2) T n-Decane (C10)	4.663	2292455	16.426 ug/ml
3) T A~Naphthalene (C11.7)	6.381	2860031	17.913 ug/ml
4) T n-Dodecane (C12)	6.837	2517694	17.541 ug/ml
5) T A~2-methylnaphthalene...	7.481	2889359	18.579 ug/ml
6) T n-Tetradecane (C14)	8.672	2746183	18.575 ug/ml
7) T n-Hexadecane (C16)	10.286	3106977	19.552 ug/ml
8) T n-Octadecane (C18)	11.735	3377302	19.939 ug/ml
10) T n-Eicosane (C20)	13.049	3323924	20.052 ug/ml
11) T n-Heneicosane (C21)	13.663	3237098	19.922 ug/ml
13) T n-Docosane (C22)	14.251	3165430	19.810 ug/ml
14) T n-Tetracosane (C24)	15.357	3041273	19.958 ug/ml
15) T n-Hexacosane (C26)	16.380	2842456	19.929 ug/ml
16) T n-Octacosane (C28)	17.332	2792105	20.043 ug/ml
17) T n-Tricontane (C30)	18.221	2993213	20.200 ug/ml
18) T n-Dotriacontane (C32)	19.056	3140112	21.046 ug/ml
19) T n-Tetratriacontane (C34)	19.840	3013725	21.306 ug/ml
20) T n-Hexatriacontane (C36)	20.581	2649807	20.642 ug/ml
21) T n-Octatriacontane (C38)	21.352	2419506	18.421 ug/ml
22) T n-Tetracontane (C40)	22.330	2259333	18.991 ug/ml

(f)=RT Delta > 1/2 Window

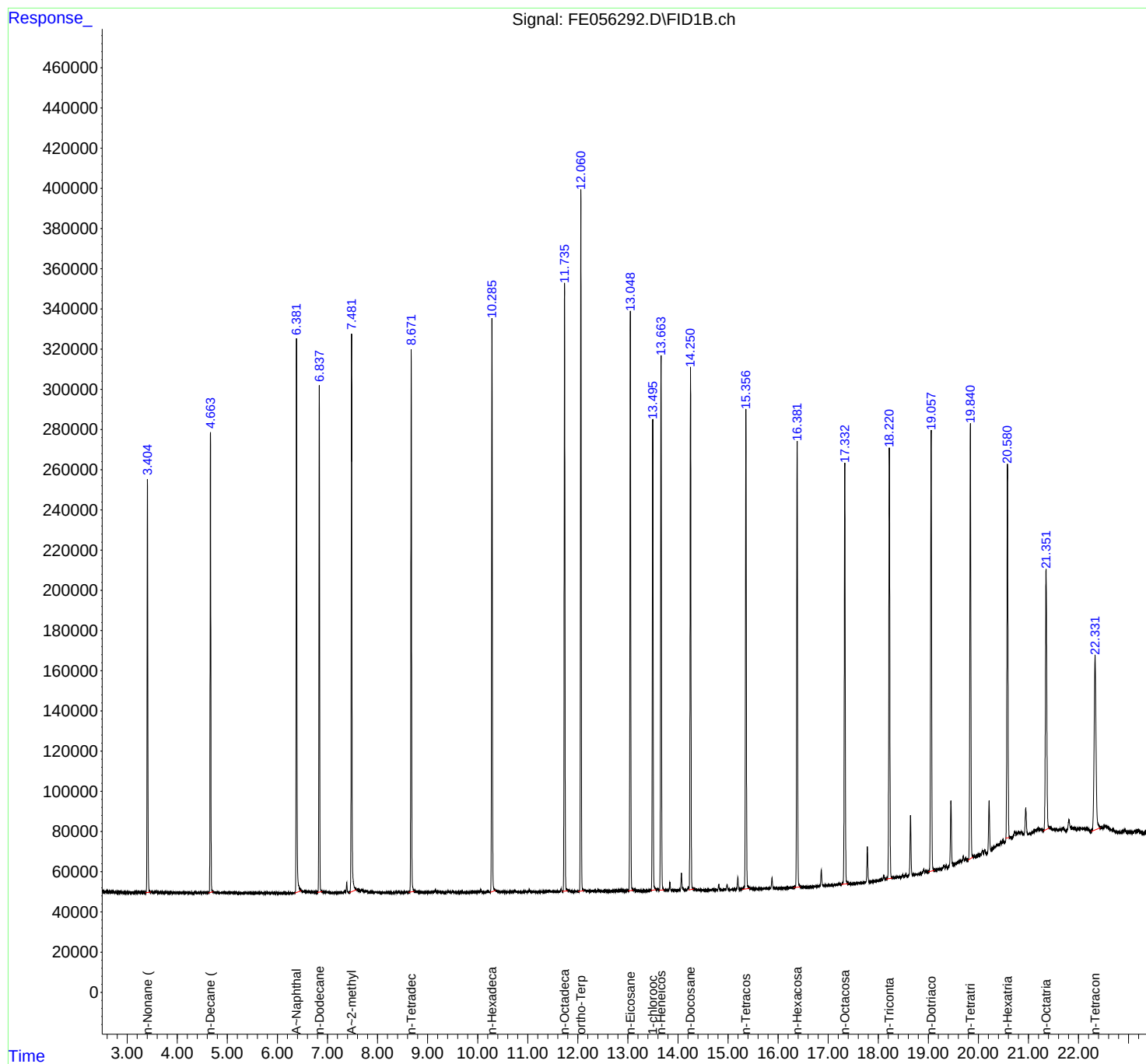
(m)=manual int.

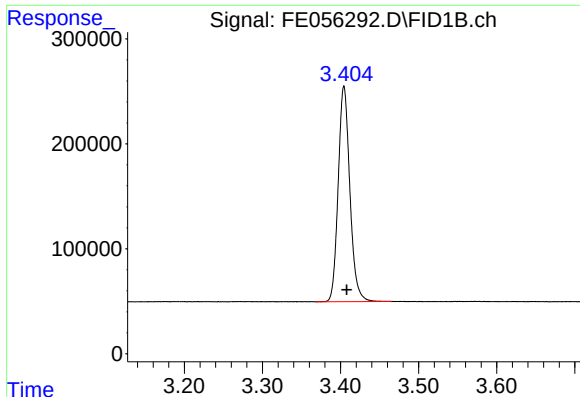
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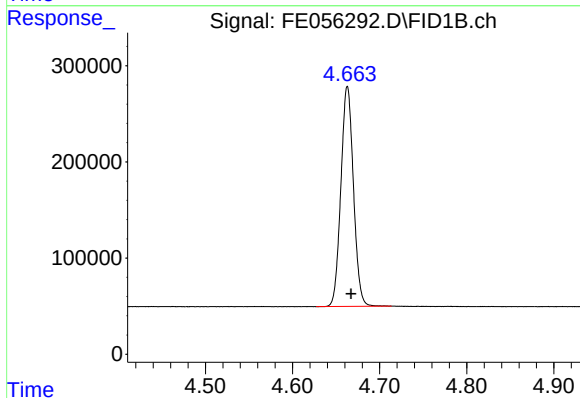




#1 n-Nonane (C9)

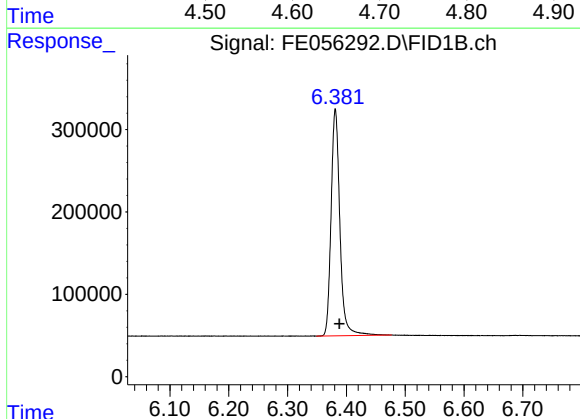
R.T.: 3.405 min
Delta R.T.: -0.003 min
Response: 2130594
Conc: 15.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



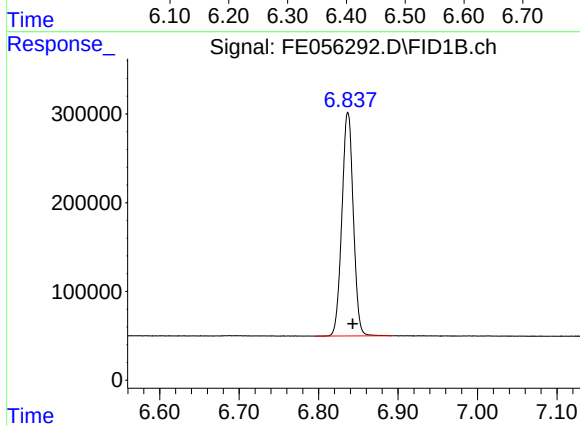
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.004 min
Response: 2292455
Conc: 16.43 ug/ml



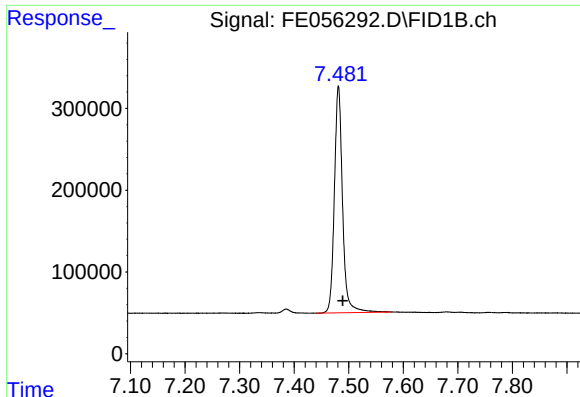
#3 A~Naphthalene (C11.7)

R.T.: 6.381 min
Delta R.T.: -0.007 min
Response: 2860031
Conc: 17.91 ug/ml



#4 n-Dodecane (C12)

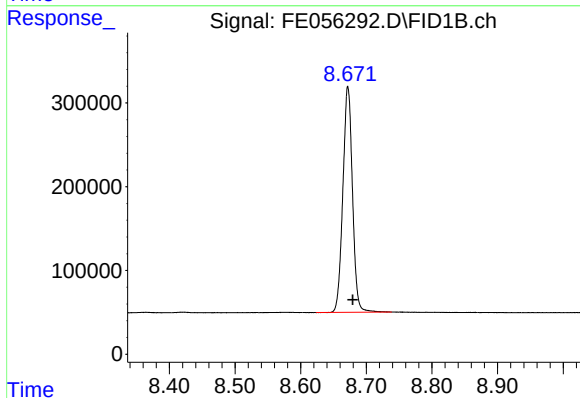
R.T.: 6.837 min
Delta R.T.: -0.006 min
Response: 2517694
Conc: 17.54 ug/ml



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

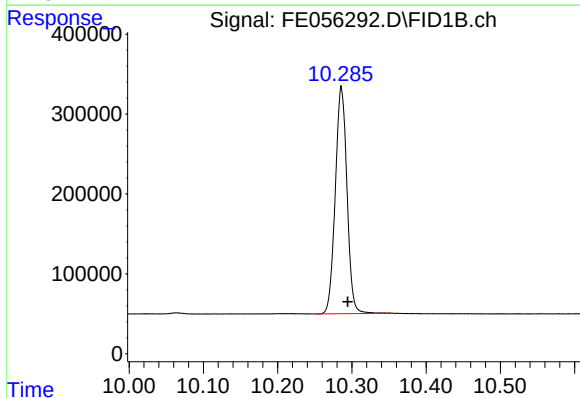
R.T.: 7.481 min
Delta R.T.: -0.008 min
Response: 2889359
Conc: 18.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



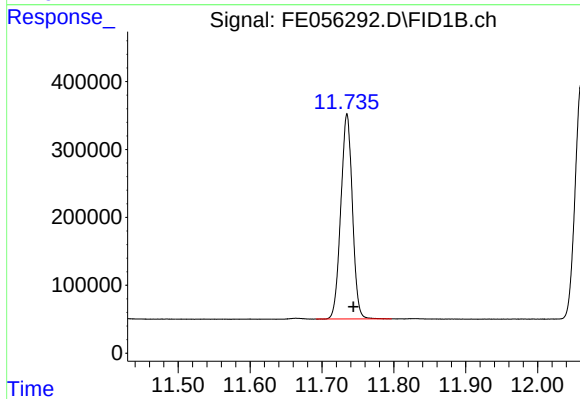
#6 n-Tetradecane (C14)

R.T.: 8.672 min
Delta R.T.: -0.007 min
Response: 2746183
Conc: 18.57 ug/ml



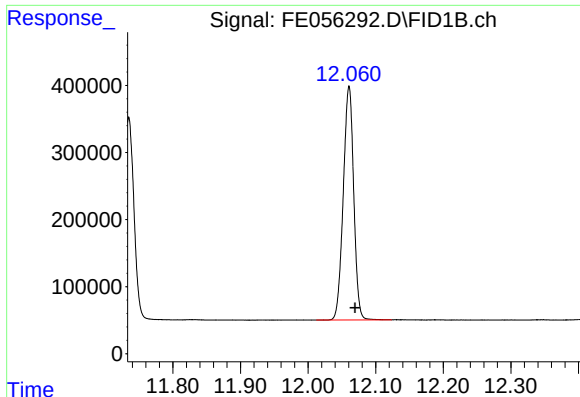
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: -0.008 min
Response: 3106977
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

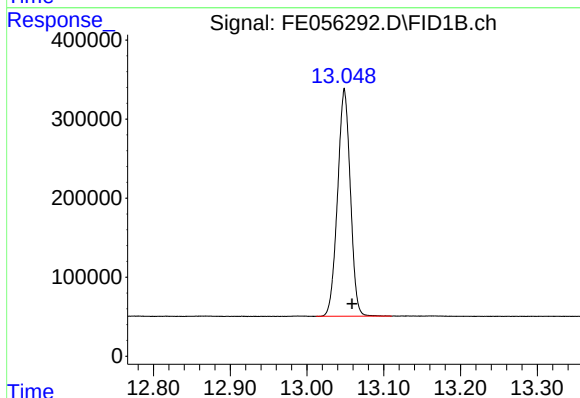
R.T.: 11.735 min
Delta R.T.: -0.009 min
Response: 3377302
Conc: 19.94 ug/ml



#9 ortho-Terphenyl (SURR)

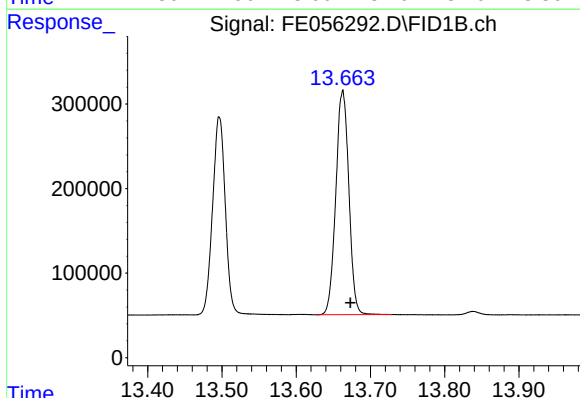
R.T.: 12.060 min
Delta R.T.: -0.009 min
Response: 3743220
Conc: 19.95 ug/ml

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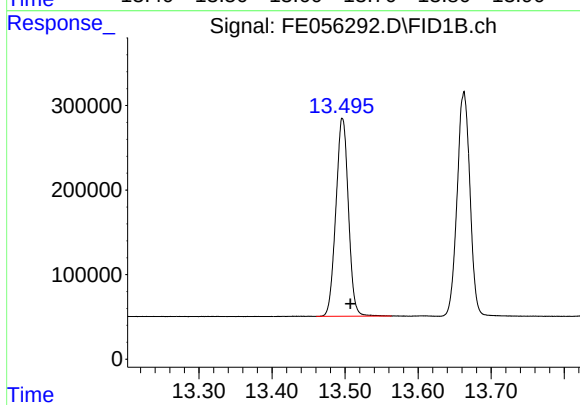
#10 n-Eicosane (C20)

R.T.: 13.049 min
Delta R.T.: -0.010 min
Response: 3323924
Conc: 20.05 ug/ml



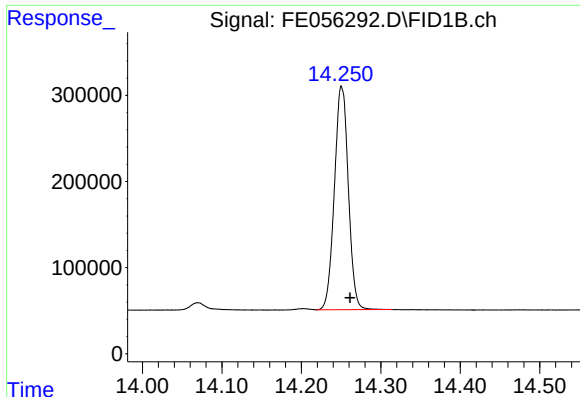
#11 n-Heneicosane (C21)

R.T.: 13.663 min
Delta R.T.: -0.010 min
Response: 3237098
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

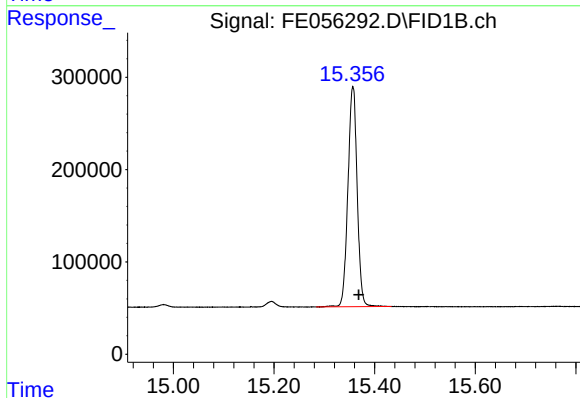
R.T.: 13.497 min
Delta R.T.: -0.011 min
Response: 2789654
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

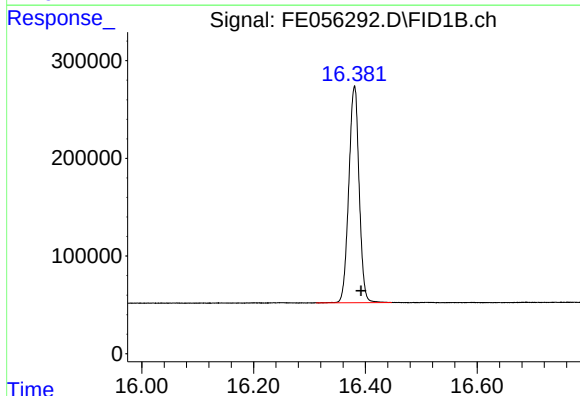
R.T.: 14.251 min
Delta R.T.: -0.011 min
Response: 3165430
Conc: 19.81 ug/ml

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20 PPM ALIPHATIC HC STD



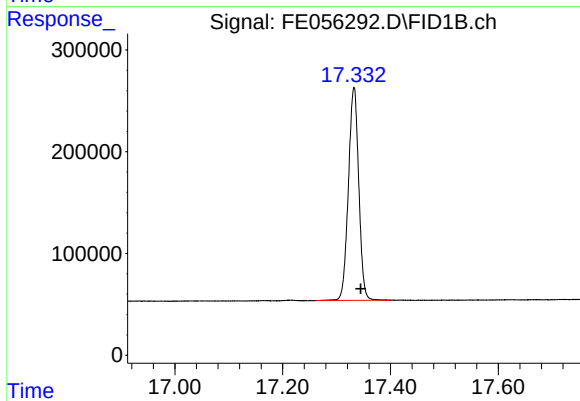
#14 n-Tetracosane (C24)

R.T.: 15.357 min
Delta R.T.: -0.012 min
Response: 3041273
Conc: 19.96 ug/ml



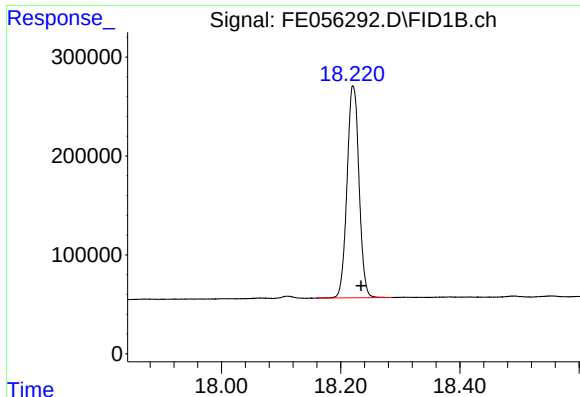
#15 n-Hexacosane (C26)

R.T.: 16.380 min
Delta R.T.: -0.012 min
Response: 2842456
Conc: 19.93 ug/ml



#16 n-Octacosane (C28)

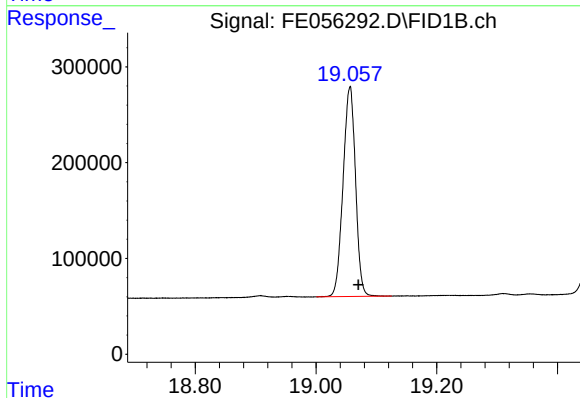
R.T.: 17.332 min
Delta R.T.: -0.013 min
Response: 2792105
Conc: 20.04 ug/ml



#17 n-Tricontane (C30)

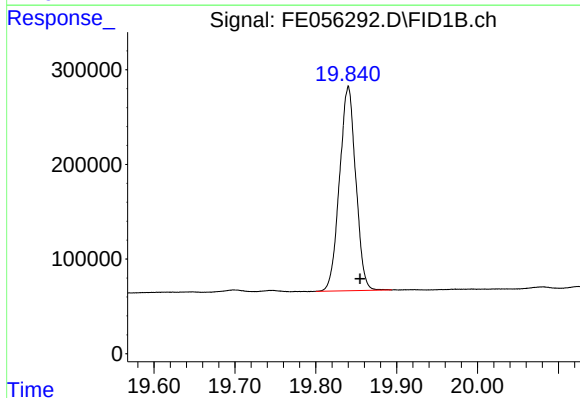
R.T.: 18.221 min
Delta R.T.: -0.014 min
Response: 2993213
Conc: 20.20 ug/ml

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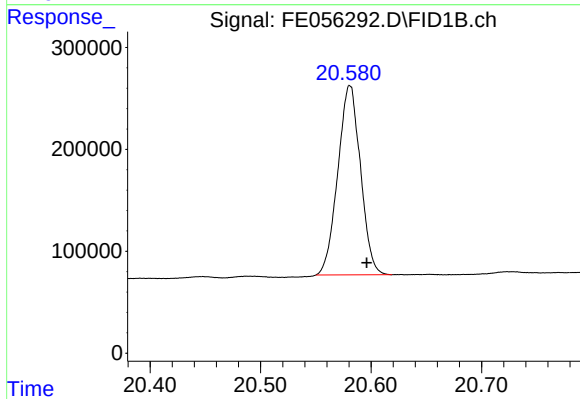
#18 n-Dotriacontane (C32)

R.T.: 19.056 min
Delta R.T.: -0.014 min
Response: 3140112
Conc: 21.05 ug/ml



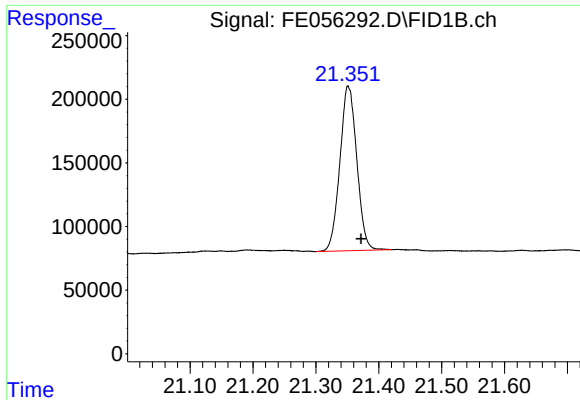
#19 n-Tetratriacontane (C34)

R.T.: 19.840 min
Delta R.T.: -0.015 min
Response: 3013725
Conc: 21.31 ug/ml



#20 n-Hexatriacontane (C36)

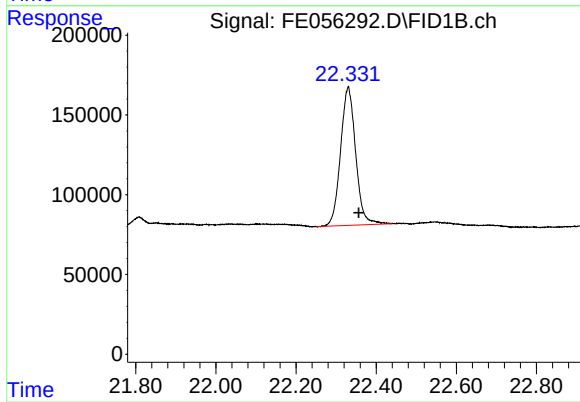
R.T.: 20.581 min
Delta R.T.: -0.015 min
Response: 2649807
Conc: 20.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.352 min
Delta R.T.: -0.020 min
Response: 2419506
Conc: 18.42 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.330 min
Delta R.T.: -0.026 min
Response: 2259333
Conc: 18.99 ug/ml