

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102225AL\
 Data File : FE056433.D
 Signal(s) : FID1B.ch
 Acq On : 22 Oct 2025 09:10
 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: autoint1.e
 Quant Time: Oct 22 16:49:42 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)	12.051	3824325	18.720 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
12) S 1-chlorooctadecane (S...	13.487	2867858	18.796 ug/ml
Spiked Amount 50.000		Recovery =	37.59%
Target Compounds			
1) T n-Nonane (C9)	3.396	3185025	19.540 ug/ml
2) T n-Decane (C10)	4.650	3375411	20.525 ug/ml
3) T A~Naphthalene (C11.7)	6.367	3567344	20.180 ug/ml
4) T n-Dodecane (C12)	6.823	3463531	20.643 ug/ml
5) T A~2-methylnaphthalene...	7.468	3422486	20.540 ug/ml
6) T n-Tetradecane (C14)	8.660	3419107	20.581 ug/ml
7) T n-Hexadecane (C16)	10.274	3496141	19.983 ug/ml
8) T n-Octadecane (C18)	11.724	3523958	19.319 ug/ml
10) T n-Eicosane (C20)	13.039	3349148	18.810 ug/ml
11) T n-Heneicosane (C21)	13.653	3262826	18.597 ug/ml
13) T n-Docosane (C22)	14.242	3248667	18.353 ug/ml
14) T n-Tetracosane (C24)	15.348	3216865	17.681 ug/ml
15) T n-Hexacosane (C26)	16.372	3129492	17.434 ug/ml
16) T n-Octacosane (C28)	17.325	3110994	17.488 ug/ml
17) T n-Tricontane (C30)	18.215	3295992	18.154 ug/ml
18) T n-Dotriacontane (C32)	19.049	3322125	18.844 ug/ml
19) T n-Tetratriacontane (C34)	19.834	3009313	19.440 ug/ml
20) T n-Hexatriacontane (C36)	20.575	2657770	21.273 ug/ml
21) T n-Octatriacontane (C38)	21.347	2333784	22.337 ug/ml
22) T n-Tetracontane (C40)	22.320	2269511	25.010 ug/ml

(f)=RT Delta > 1/2 Window

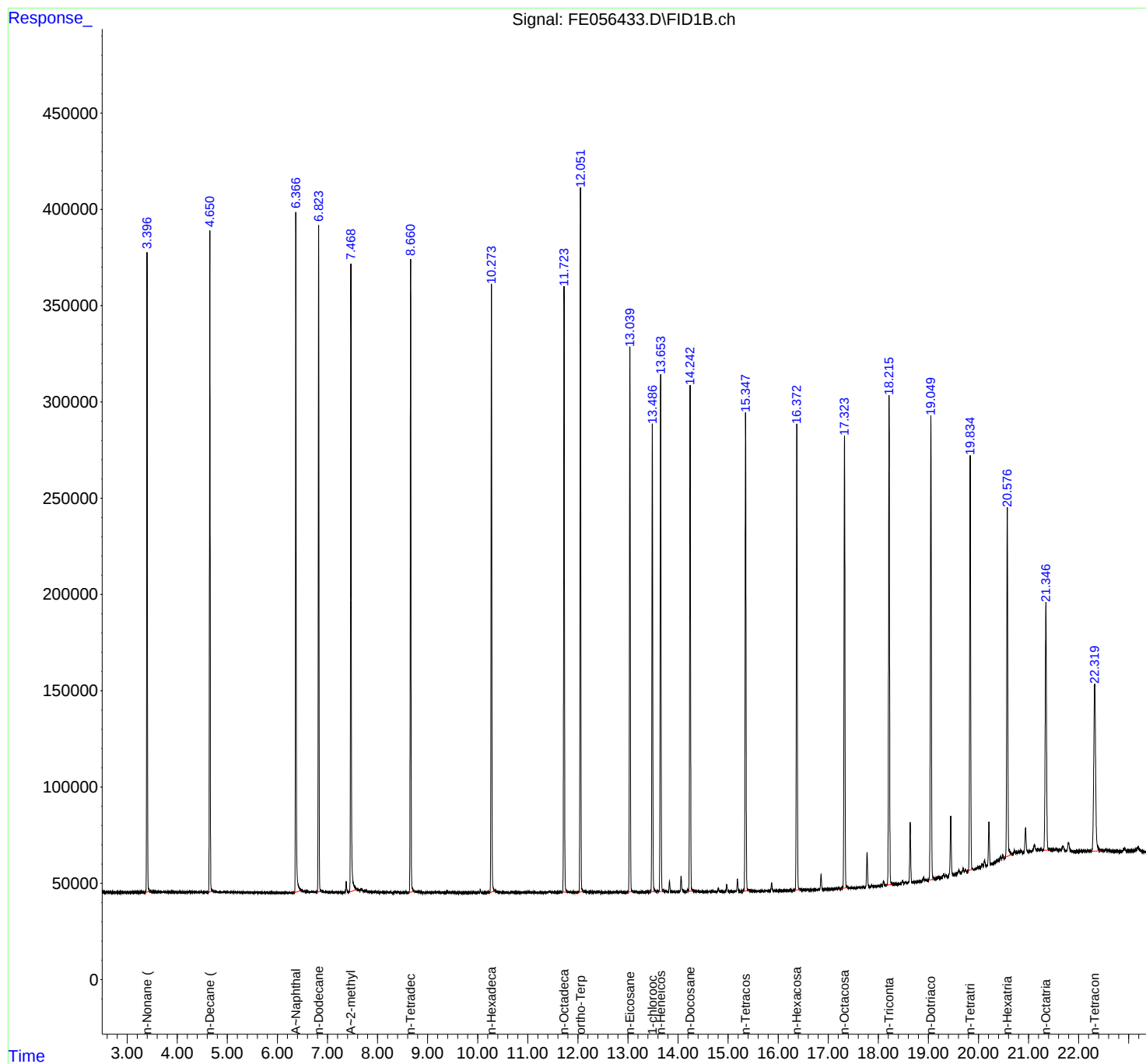
(m)=manual int.

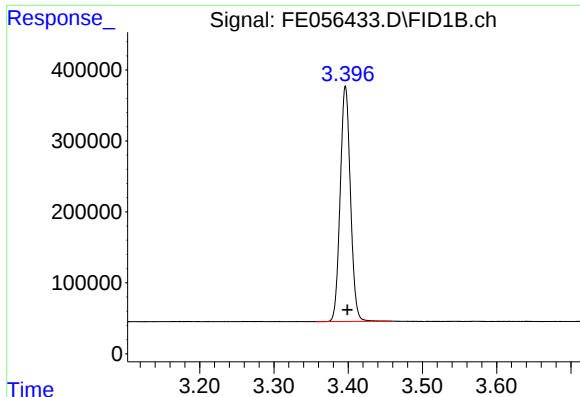
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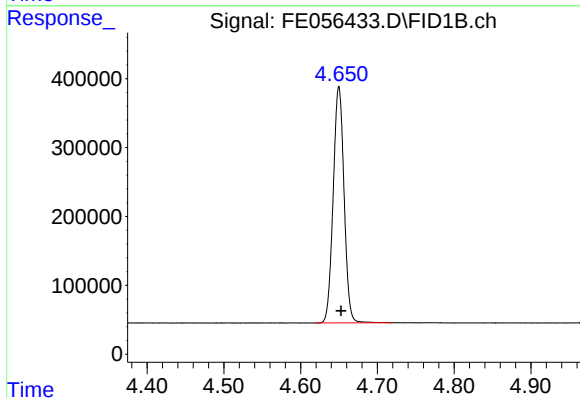




#1 n-Nonane (C9)

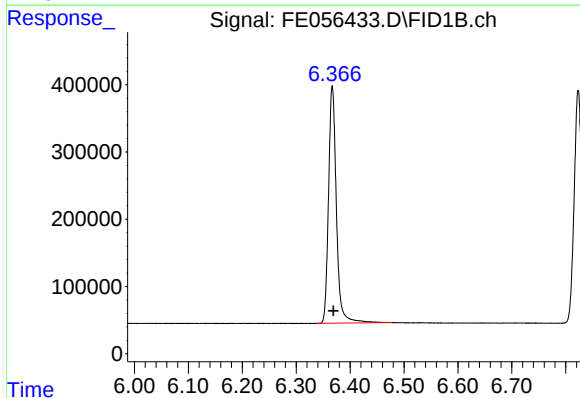
R.T.: 3.396 min
Delta R.T.: -0.003 min
Response: 3185025
Conc: 19.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



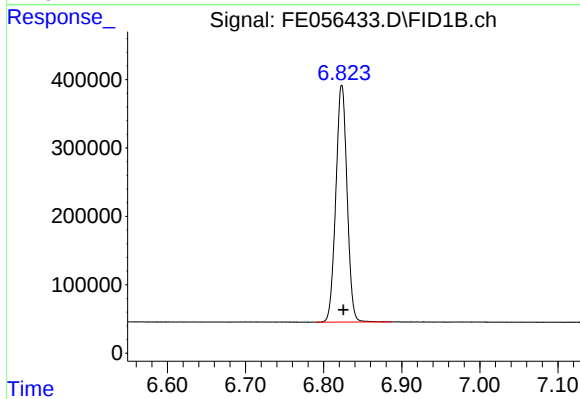
#2 n-Decane (C10)

R.T.: 4.650 min
Delta R.T.: -0.003 min
Response: 3375411
Conc: 20.53 ug/ml



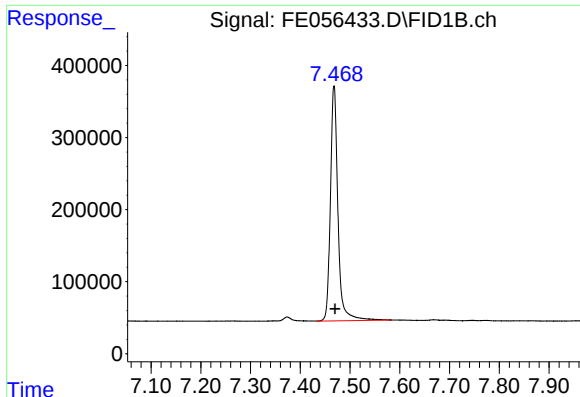
#3 A~Naphthalene (C11.7)

R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 3567344
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

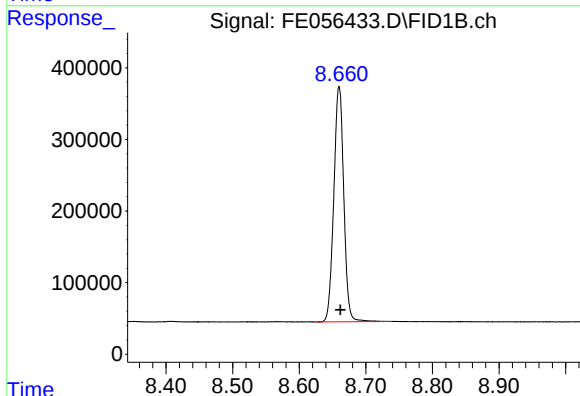
R.T.: 6.823 min
Delta R.T.: -0.002 min
Response: 3463531
Conc: 20.64 ug/ml



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

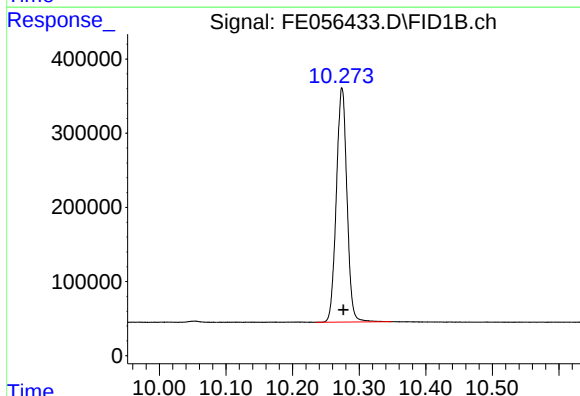
R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 3422486
Conc: 20.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



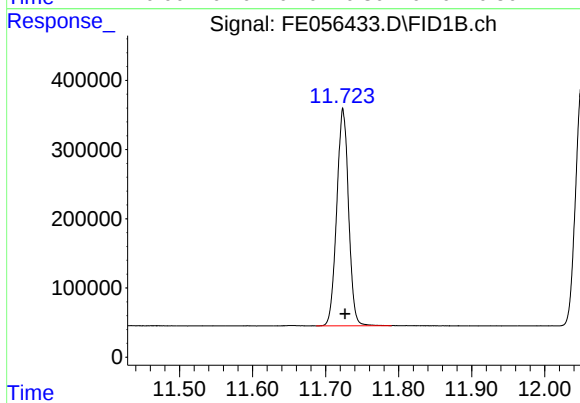
#6 n-Tetradecane (C14)

R.T.: 8.660 min
Delta R.T.: -0.002 min
Response: 3419107
Conc: 20.58 ug/ml



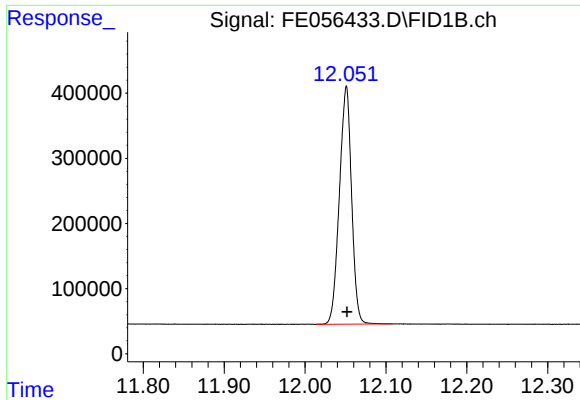
#7 n-Hexadecane (C16)

R.T.: 10.274 min
Delta R.T.: -0.002 min
Response: 3496141
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

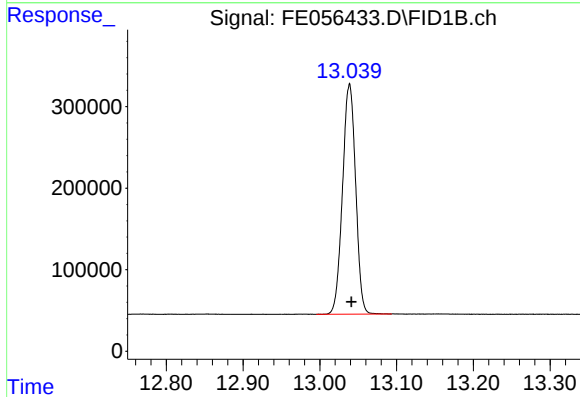
R.T.: 11.724 min
Delta R.T.: -0.003 min
Response: 3523958
Conc: 19.32 ug/ml



#9 ortho-Terphenyl (SURR)

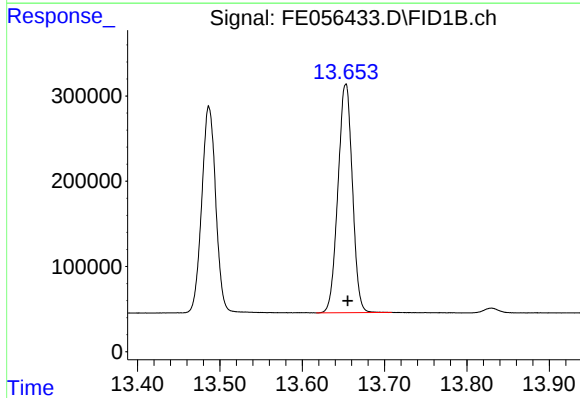
R.T.: 12.051 min
Delta R.T.: -0.001 min
Response: 3824325
Conc: 18.72 ug/ml

Instrument :
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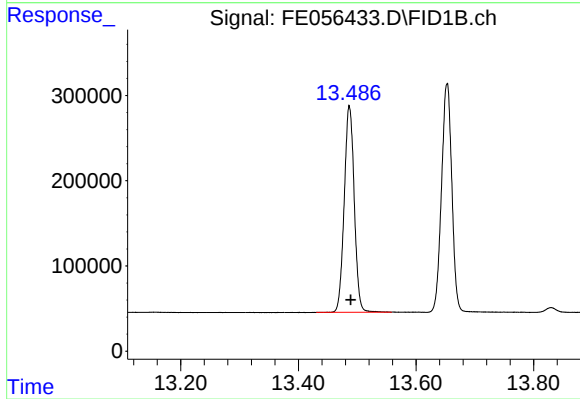
#10 n-Eicosane (C20)

R.T.: 13.039 min
Delta R.T.: -0.002 min
Response: 3349148
Conc: 18.81 ug/ml



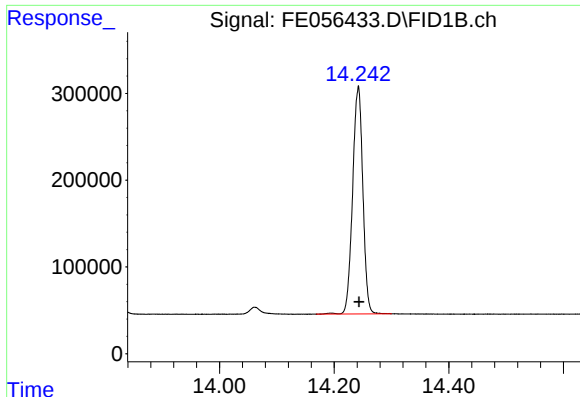
#11 n-Heneicosane (C21)

R.T.: 13.653 min
Delta R.T.: -0.002 min
Response: 3262826
Conc: 18.60 ug/ml



#12 1-chlorooctadecane (SURR)

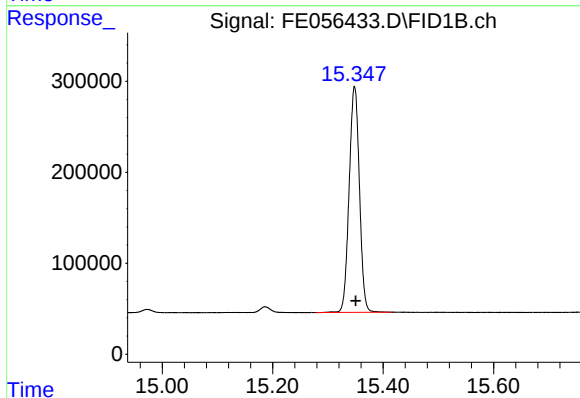
R.T.: 13.487 min
Delta R.T.: -0.002 min
Response: 2867858
Conc: 18.80 ug/ml



#13 n-Docosane (C22)

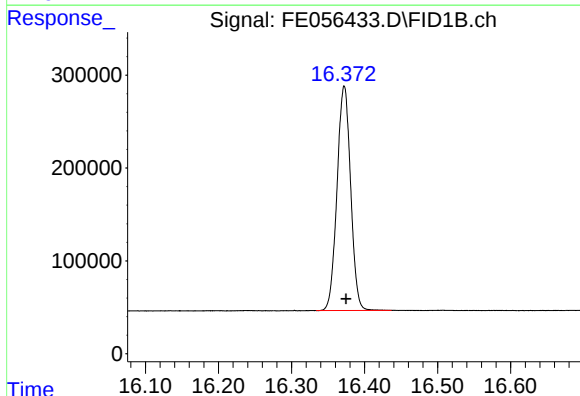
R.T.: 14.242 min
Delta R.T.: -0.002 min
Response: 3248667
Conc: 18.35 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



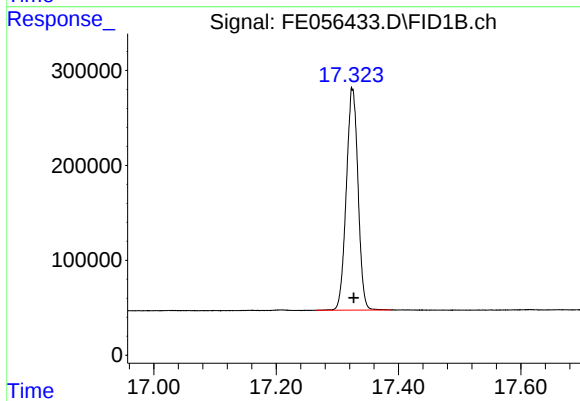
#14 n-Tetracosane (C24)

R.T.: 15.348 min
Delta R.T.: -0.002 min
Response: 3216865
Conc: 17.68 ug/ml



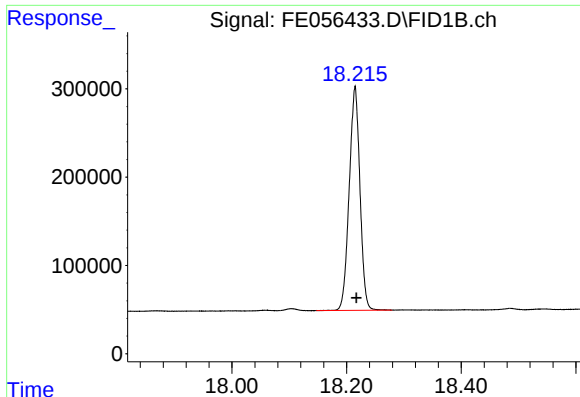
#15 n-Hexacosane (C26)

R.T.: 16.372 min
Delta R.T.: -0.003 min
Response: 3129492
Conc: 17.43 ug/ml



#16 n-Octacosane (C28)

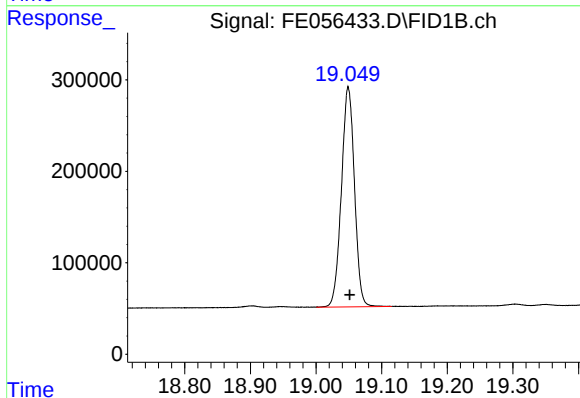
R.T.: 17.325 min
Delta R.T.: -0.002 min
Response: 3110994
Conc: 17.49 ug/ml



#17 n-Tricontane (C30)

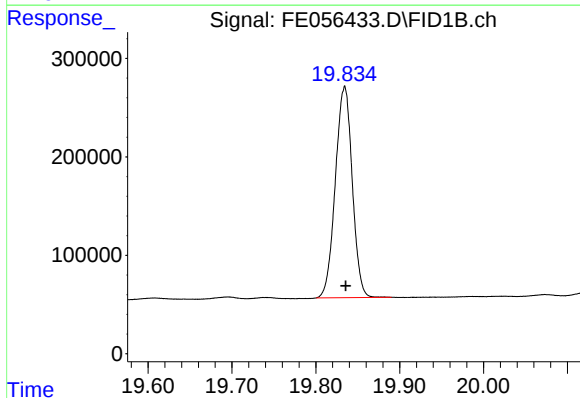
R.T.: 18.215 min
Delta R.T.: -0.002 min
Response: 3295992
Conc: 18.15 ug/ml

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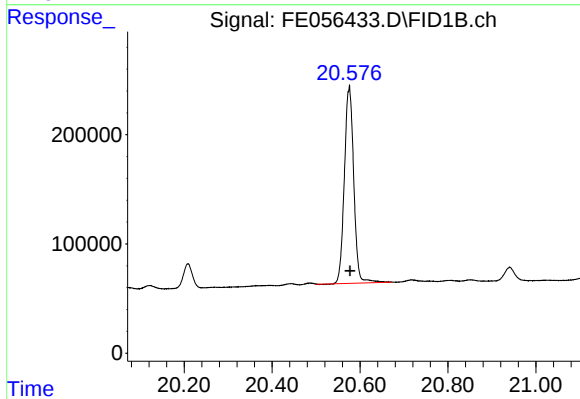
#18 n-Dotriacontane (C32)

R.T.: 19.049 min
Delta R.T.: -0.002 min
Response: 3322125
Conc: 18.84 ug/ml



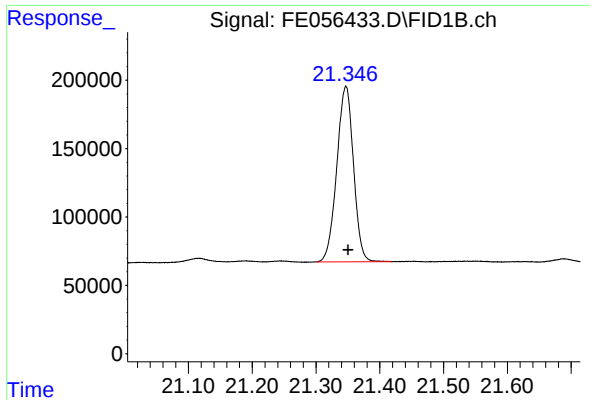
#19 n-Tetratriacontane (C34)

R.T.: 19.834 min
Delta R.T.: -0.002 min
Response: 3009313
Conc: 19.44 ug/ml



#20 n-Hexatriacontane (C36)

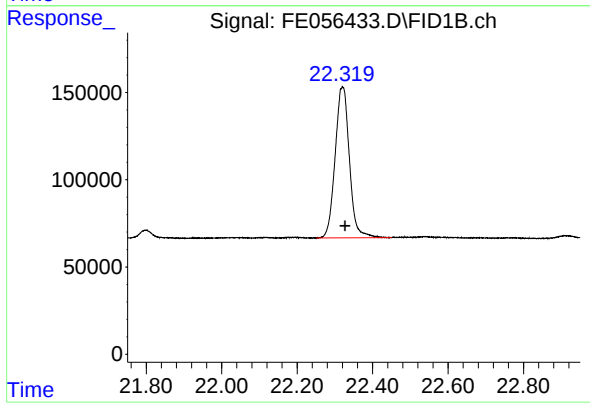
R.T.: 20.575 min
Delta R.T.: -0.002 min
Response: 2657770
Conc: 21.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.347 min
Delta R.T.: -0.003 min
Response: 2333784
Conc: 22.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.320 min
Delta R.T.: -0.007 min
Response: 2269511
Conc: 25.01 ug/ml