

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056801.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 04:57
 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: Nov 14 00:31:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.953	4503991	21.559 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
12) S 1-chlorooctadecane (S...	13.390	3422628	21.243 ug/ml
Spiked Amount 50.000		Recovery =	42.49%
Target Compounds			
1) T n-Nonane (C9)	3.315	3841514	22.871 ug/ml
2) T n-Decane (C10)	4.566	4049811	23.601 ug/ml
3) T A~Naphthalene (C11.7)	6.281	4185381	22.675 ug/ml
4) T n-Dodecane (C12)	6.738	4162670	23.933 ug/ml
5) T A~2-methylnaphthalene...	7.380	3985998	22.491 ug/ml
6) T n-Tetradecane (C14)	8.571	4113804	23.568 ug/ml
7) T n-Hexadecane (C16)	10.183	4221897	23.076 ug/ml
8) T n-Octadecane (C18)	11.630	4235715	22.379 ug/ml
10) T n-Eicosane (C20)	12.943	4023322	21.589 ug/ml
11) T n-Heneicosane (C21)	13.557	3921982	21.329 ug/ml
13) T n-Docosane (C22)	14.144	3909130	20.882 ug/ml
14) T n-Tetracosane (C24)	15.250	3955008	20.193 ug/ml
15) T n-Hexacosane (C26)	16.274	3870524	19.916 ug/ml
16) T n-Octacosane (C28)	17.225	3888377	20.078 ug/ml
17) T n-Tricontane (C30)	18.115	4093765	20.418 ug/ml
18) T n-Dotriacontane (C32)	18.950	4153330	21.120 ug/ml
19) T n-Tetratriacontane (C34)	19.735	3824883	22.159 ug/ml
20) T n-Hexatriacontane (C36)	20.476	3312636	22.900 ug/ml
21) T n-Octatriacontane (C38)	21.226	3074419	24.427 ug/ml
22) T n-Tetracontane (C40)	22.160	2973691	25.721 ug/ml

(f)=RT Delta > 1/2 Window

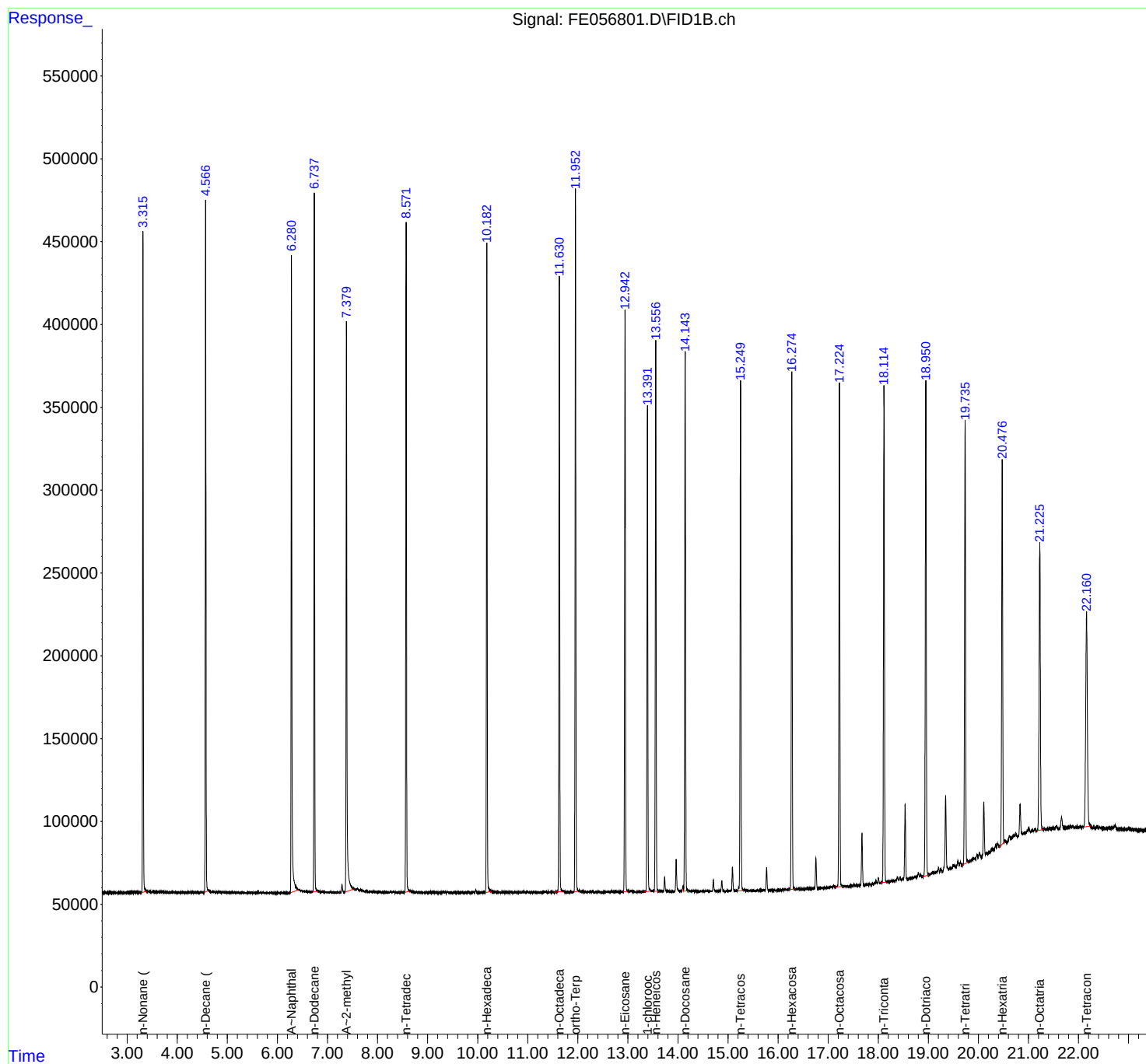
(m)=manual int.

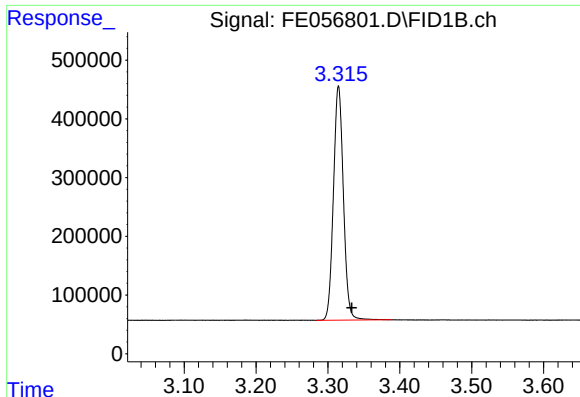
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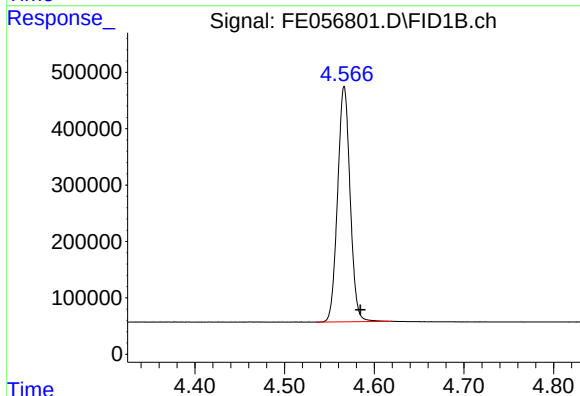




#1 n-Nonane (C9)

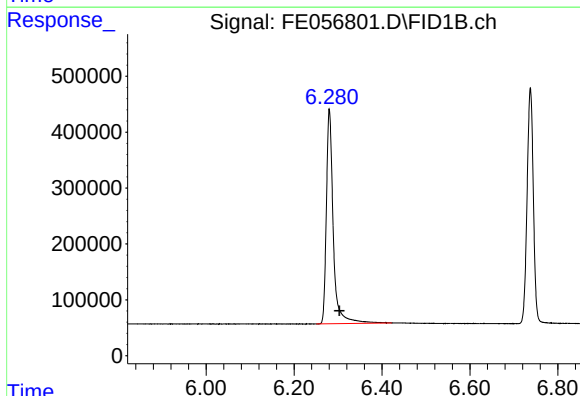
R.T.: 3.315 min
Delta R.T.: -0.018 min
Response: 3841514
Conc: 22.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



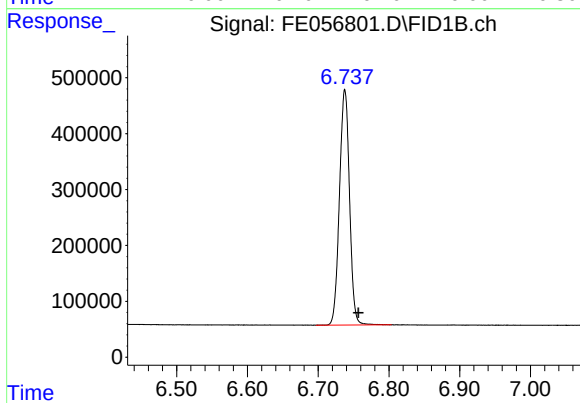
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.018 min
Response: 4049811
Conc: 23.60 ug/ml



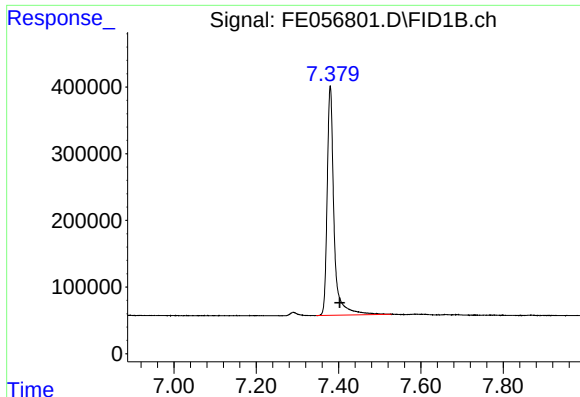
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: -0.023 min
Response: 4185381
Conc: 22.67 ug/ml



#4 n-Dodecane (C12)

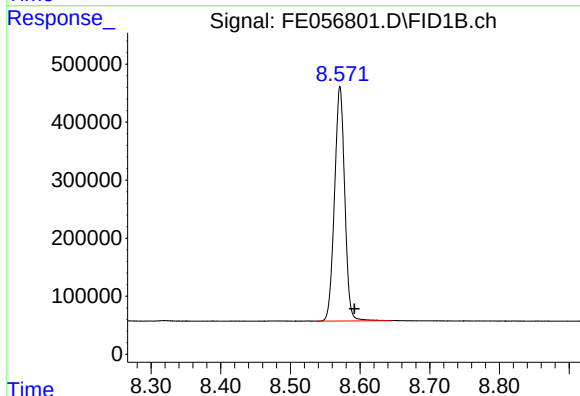
R.T.: 6.738 min
Delta R.T.: -0.019 min
Response: 4162670
Conc: 23.93 ug/ml



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

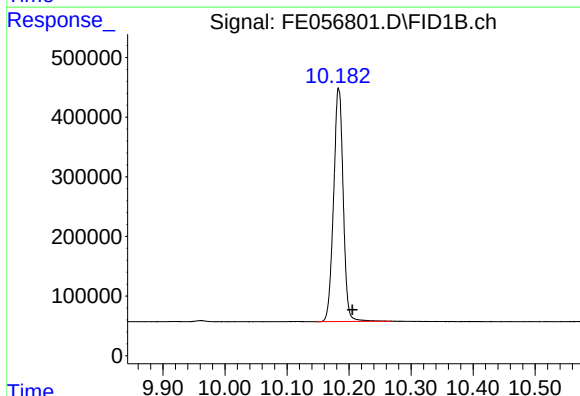
R.T.: 7.380 min
Delta R.T.: -0.023 min
Response: 3985998
Conc: 22.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



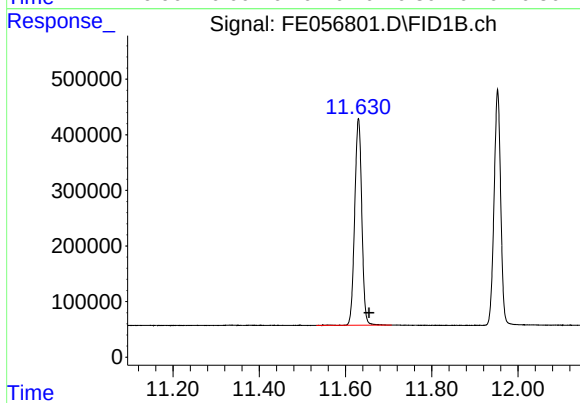
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: -0.021 min
Response: 4113804
Conc: 23.57 ug/ml



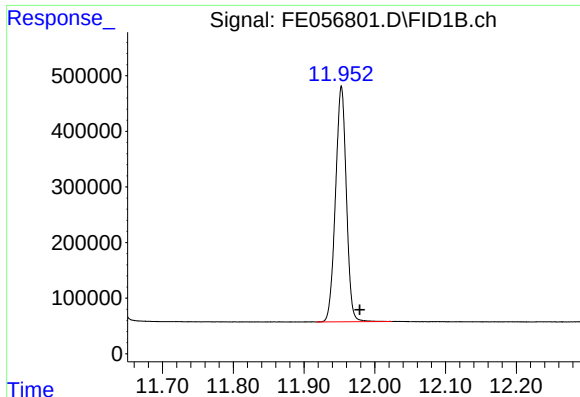
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.022 min
Response: 4221897
Conc: 23.08 ug/ml



#8 n-Octadecane (C18)

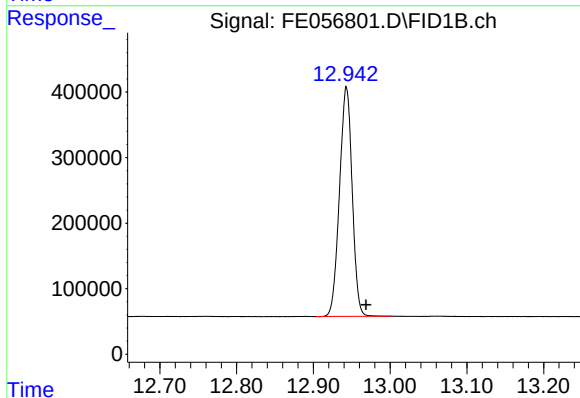
R.T.: 11.630 min
Delta R.T.: -0.024 min
Response: 4235715
Conc: 22.38 ug/ml



#9 ortho-Terphenyl (SURR)

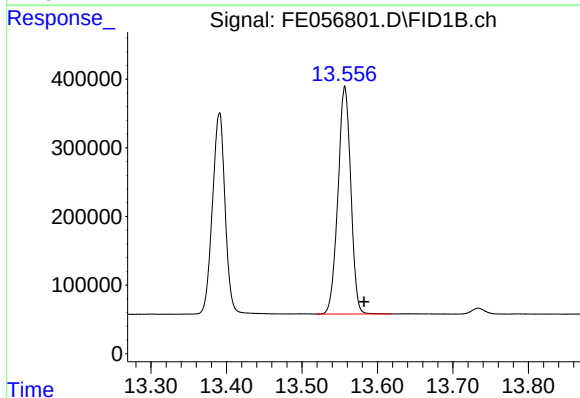
R.T.: 11.953 min
Delta R.T.: -0.026 min
Response: 4503991
Conc: 21.56 ug/ml

Instrument :
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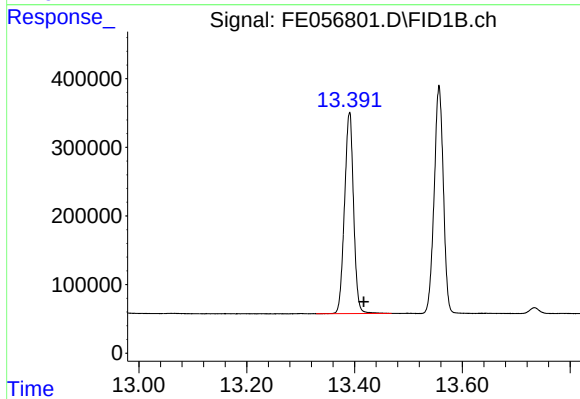
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: -0.026 min
Response: 4023322
Conc: 21.59 ug/ml



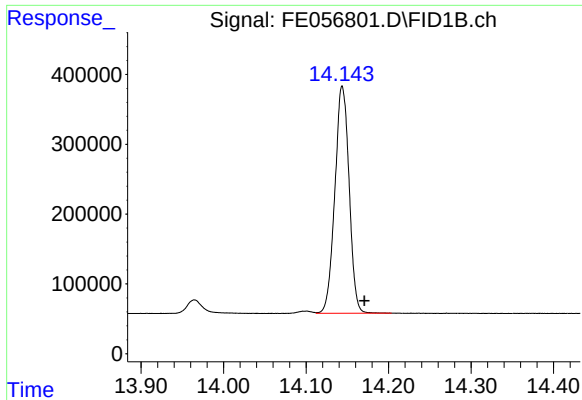
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.026 min
Response: 3921982
Conc: 21.33 ug/ml



#12 1-chlorooctadecane (SURR)

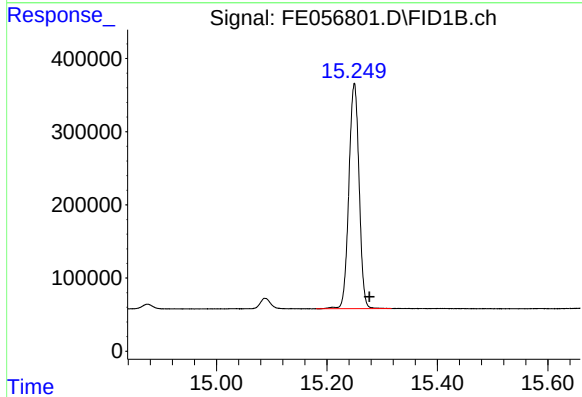
R.T.: 13.390 min
Delta R.T.: -0.027 min
Response: 3422628
Conc: 21.24 ug/ml



#13 n-Docosane (C22)

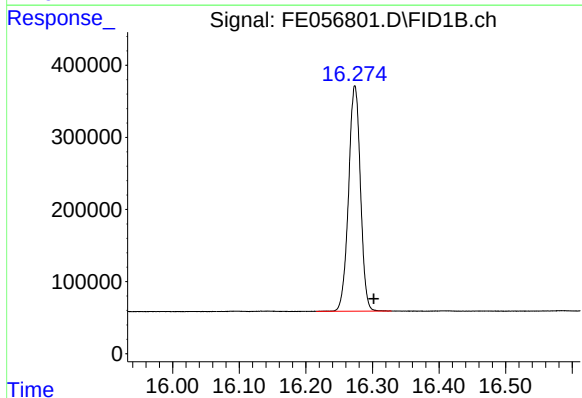
R.T.: 14.144 min
Delta R.T.: -0.027 min
Response: 3909130
Conc: 20.88 ug/ml

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20 PPM ALIPHATIC HC STD



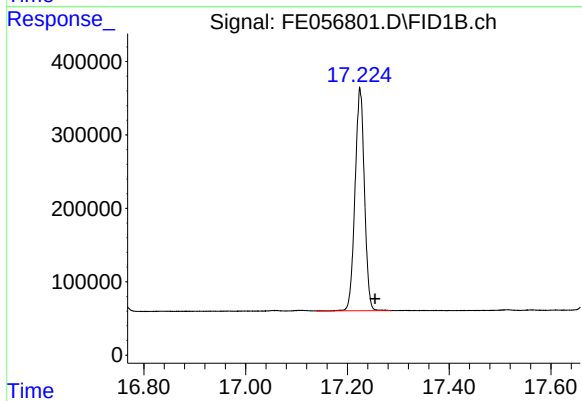
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.028 min
Response: 3955008
Conc: 20.19 ug/ml



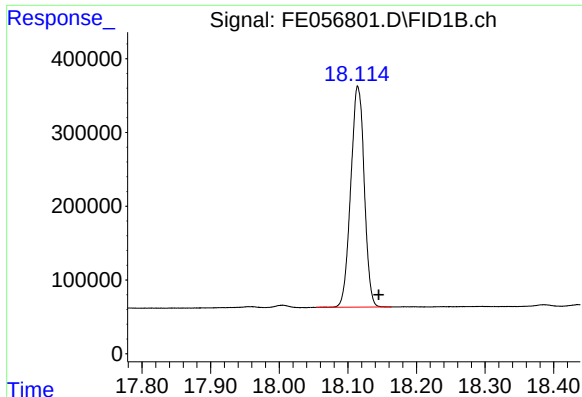
#15 n-Hexacosane (C26)

R.T.: 16.274 min
Delta R.T.: -0.028 min
Response: 3870524
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

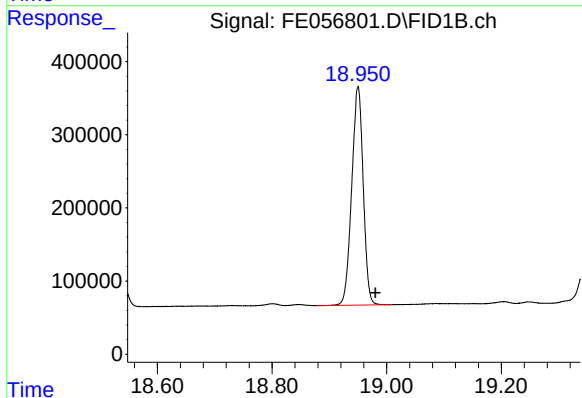
R.T.: 17.225 min
Delta R.T.: -0.030 min
Response: 3888377
Conc: 20.08 ug/ml



#17 n-Tricontane (C30)

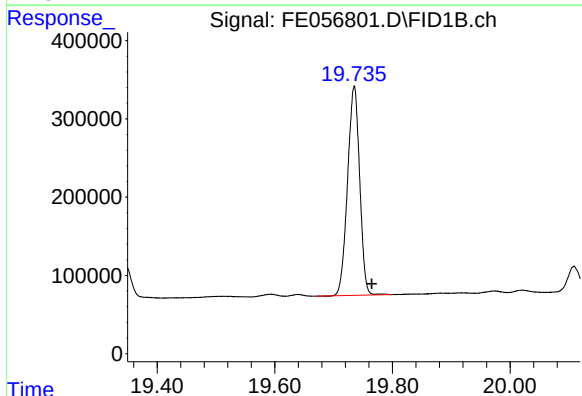
R.T.: 18.115 min
Delta R.T.: -0.030 min
Response: 4093765
Conc: 20.42 ug/ml

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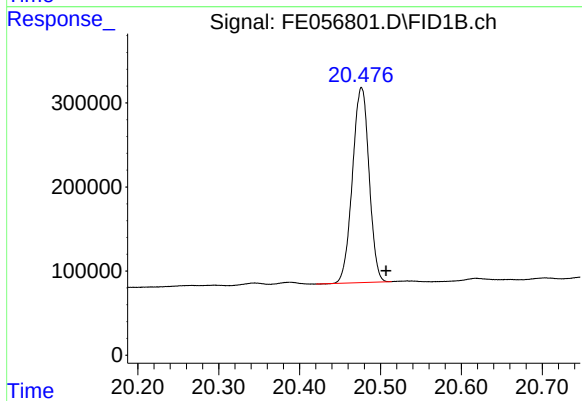
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.031 min
Response: 4153330
Conc: 21.12 ug/ml



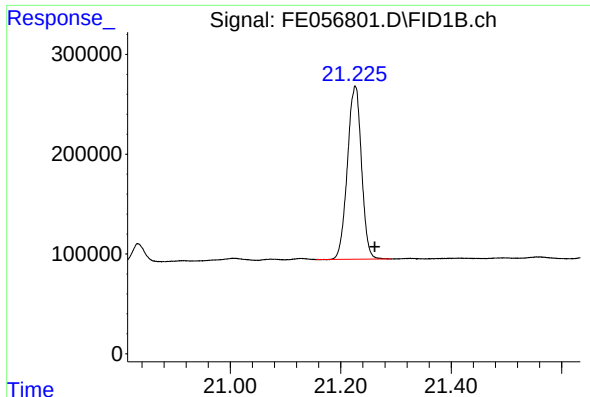
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: -0.030 min
Response: 3824883
Conc: 22.16 ug/ml



#20 n-Hexatriacontane (C36)

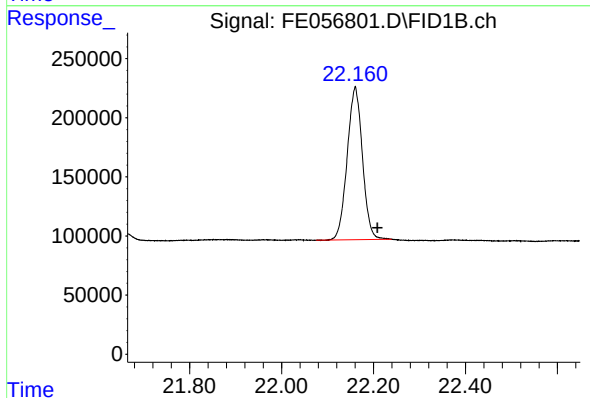
R.T.: 20.476 min
Delta R.T.: -0.030 min
Response: 3312636
Conc: 22.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: -0.036 min
Response: 3074419
Conc: 24.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.160 min
Delta R.T.: -0.049 min
Response: 2973691
Conc: 25.72 ug/ml