

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111225AL\
 Data File : FE056779.D
 Signal(s) : FID1B.ch
 Acq On : 12 Nov 2025 16:52
 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: Nov 13 01:00:48 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)	11.955	4279523	20.485 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
12) S 1-chlorooctadecane (S...	13.392	3257895	20.221 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
Target Compounds			
1) T n-Nonane (C9)	3.317	3649596	21.729 ug/ml
2) T n-Decane (C10)	4.568	3836093	22.356 ug/ml
3) T A~Naphthalene (C11.7)	6.283	3986355	21.596 ug/ml
4) T n-Dodecane (C12)	6.740	3945303	22.683 ug/ml
5) T A~2-methylnaphthalene...	7.381	3798141	21.431 ug/ml
6) T n-Tetradecane (C14)	8.572	3901324	22.351 ug/ml
7) T n-Hexadecane (C16)	10.185	4005819	21.895 ug/ml
8) T n-Octadecane (C18)	11.632	4036035	21.324 ug/ml
10) T n-Eicosane (C20)	12.944	3835608	20.581 ug/ml
11) T n-Heneicosane (C21)	13.558	3730436	20.287 ug/ml
13) T n-Docosane (C22)	14.146	3726601	19.907 ug/ml
14) T n-Tetracosane (C24)	15.252	3765174	19.223 ug/ml
15) T n-Hexacosane (C26)	16.276	3690702	18.991 ug/ml
16) T n-Octacosane (C28)	17.228	3702838	19.120 ug/ml
17) T n-Tricontane (C30)	18.118	3933980	19.621 ug/ml
18) T n-Dotriacontane (C32)	18.952	4074906	20.722 ug/ml
19) T n-Tetratriacontane (C34)	19.737	3774048	21.865 ug/ml
20) T n-Hexatriacontane (C36)	20.479	3224407	22.290 ug/ml
21) T n-Octatriacontane (C38)	21.229	2951624	23.451 ug/ml
22) T n-Tetracontane (C40)	22.165	2929552	25.339 ug/ml

(f)=RT Delta > 1/2 Window

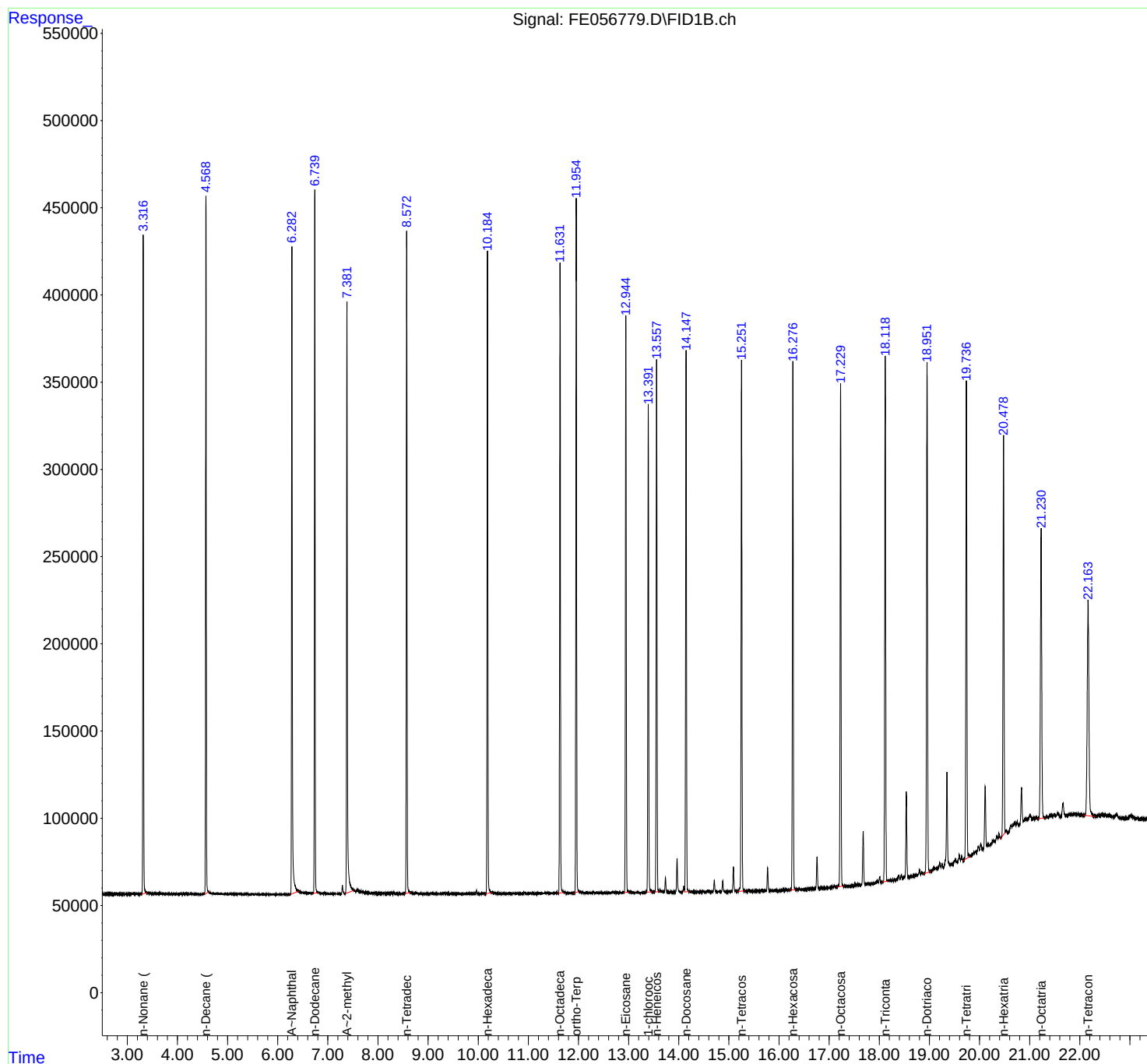
(m)=manual int.

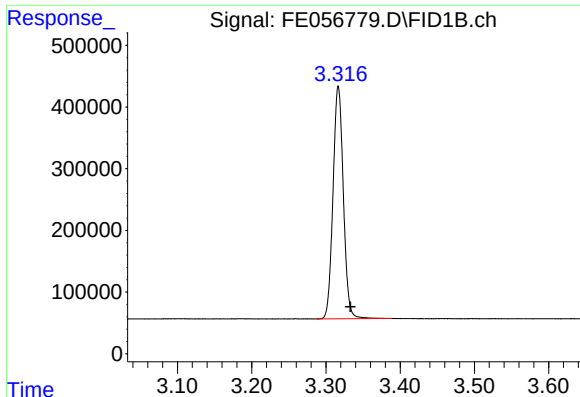
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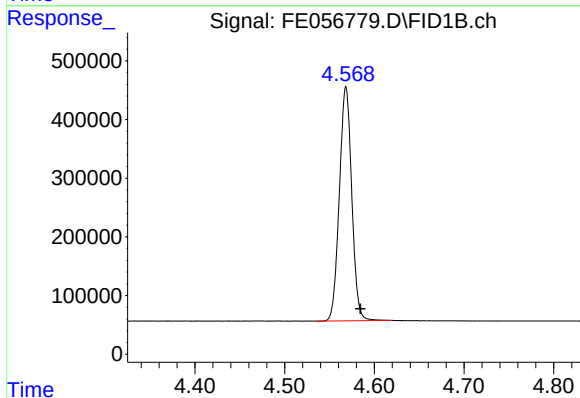




#1 n-Nonane (C9)

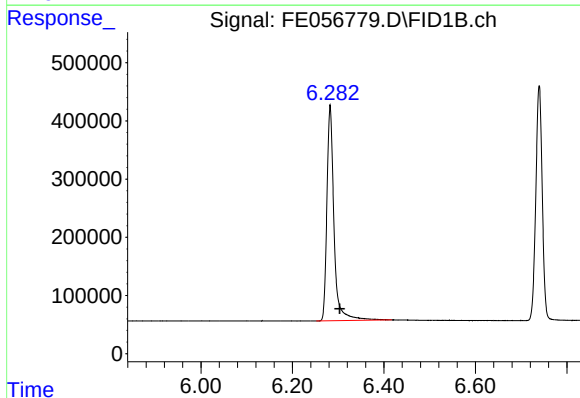
R.T.: 3.317 min
Delta R.T.: -0.016 min
Response: 3649596
Conc: 21.73 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



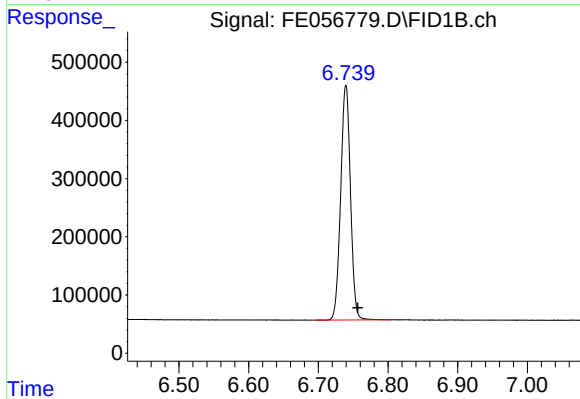
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: -0.016 min
Response: 3836093
Conc: 22.36 ug/ml



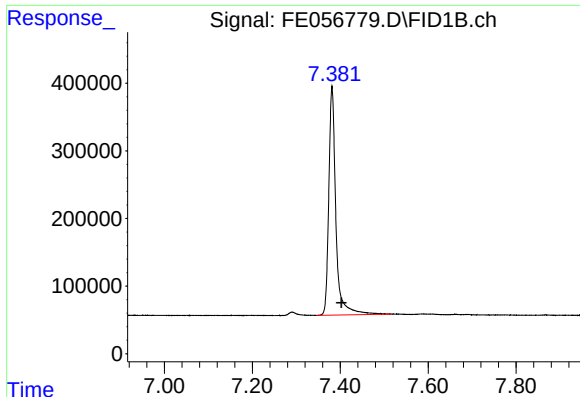
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: -0.021 min
Response: 3986355
Conc: 21.60 ug/ml



#4 n-Dodecane (C12)

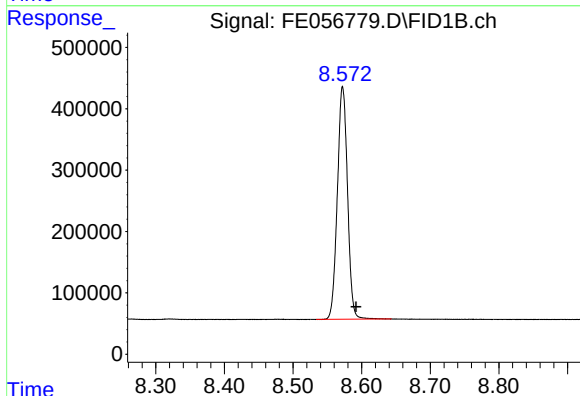
R.T.: 6.740 min
Delta R.T.: -0.017 min
Response: 3945303
Conc: 22.68 ug/ml



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

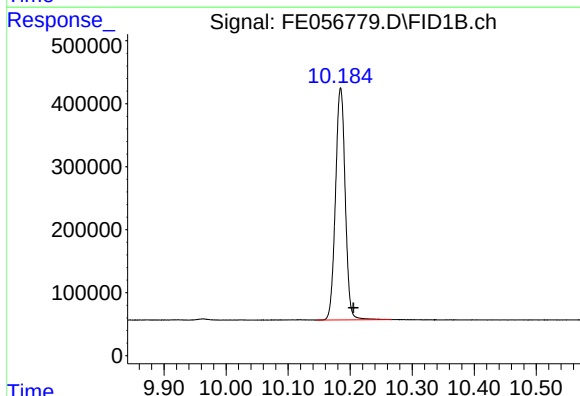
R.T.: 7.381 min
Delta R.T.: -0.022 min
Response: 3798141
Conc: 21.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



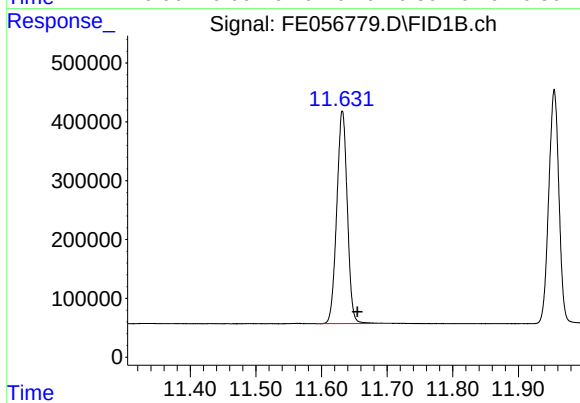
#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.020 min
Response: 3901324
Conc: 22.35 ug/ml



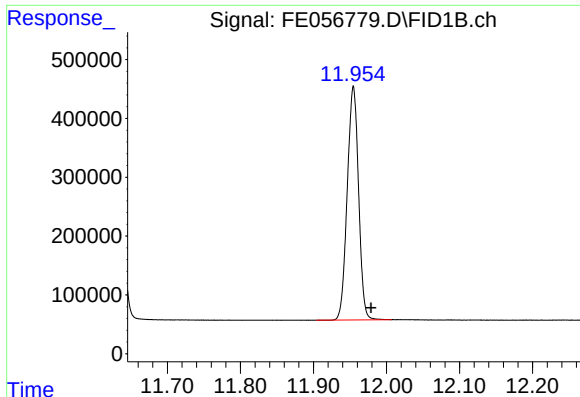
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: -0.021 min
Response: 4005819
Conc: 21.89 ug/ml



#8 n-Octadecane (C18)

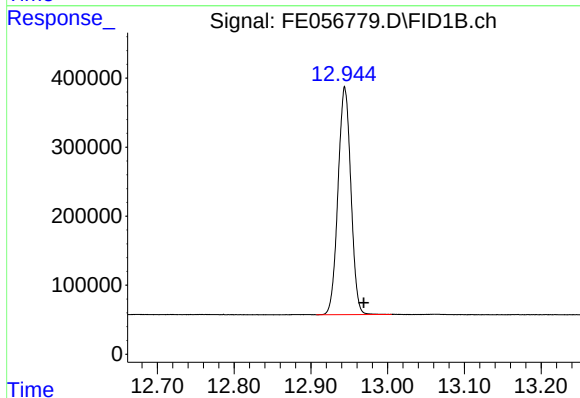
R.T.: 11.632 min
Delta R.T.: -0.023 min
Response: 4036035
Conc: 21.32 ug/ml



#9 ortho-Terphenyl (SURR)

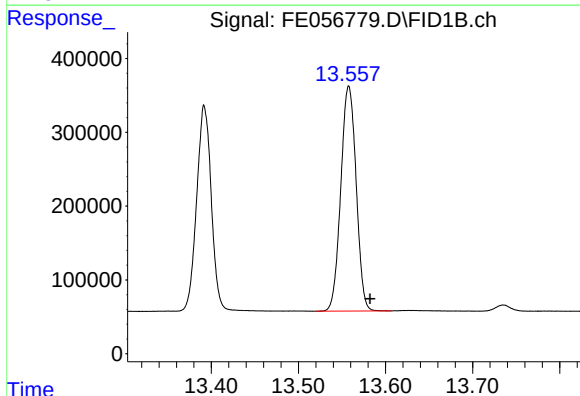
R.T.: 11.955 min
Delta R.T.: -0.024 min
Response: 4279523
Conc: 20.48 ug/ml

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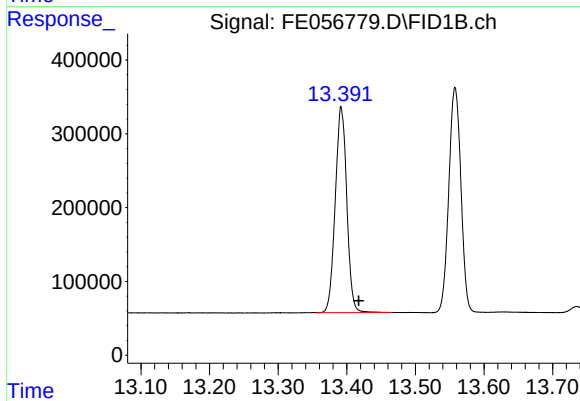
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.025 min
Response: 3835608
Conc: 20.58 ug/ml



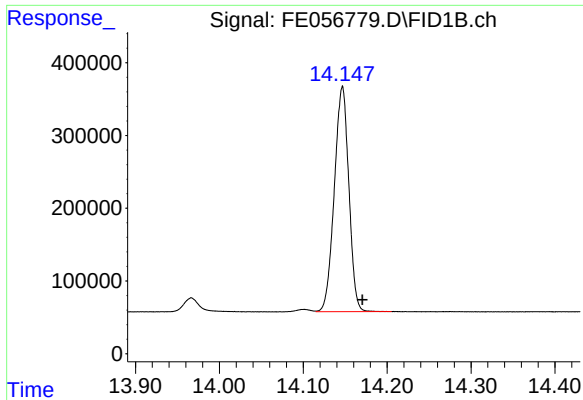
#11 n-Heneicosane (C21)

R.T.: 13.558 min
Delta R.T.: -0.024 min
Response: 3730436
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

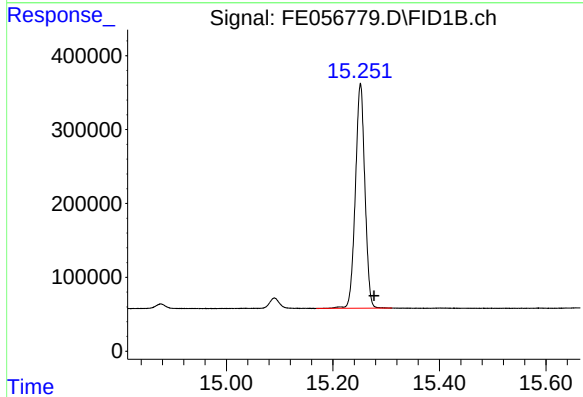
R.T.: 13.392 min
Delta R.T.: -0.025 min
Response: 3257895
Conc: 20.22 ug/ml



#13 n-Docosane (C22)

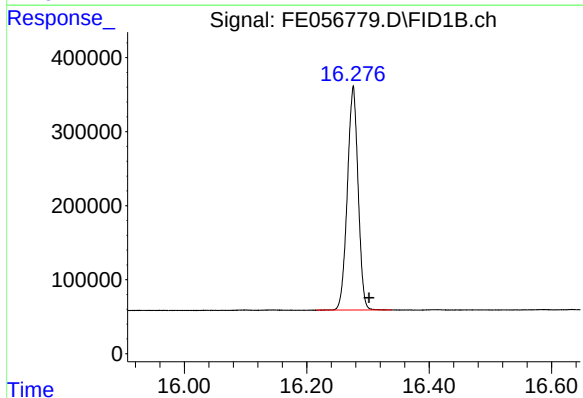
R.T.: 14.146 min
Delta R.T.: -0.024 min
Response: 3726601
Conc: 19.91 ug/ml

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20 PPM ALIPHATIC HC STD



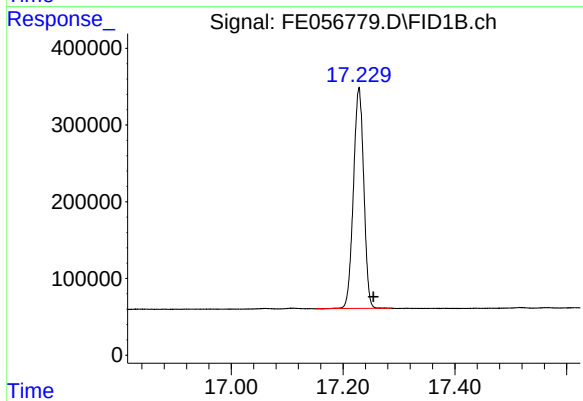
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.026 min
Response: 3765174
Conc: 19.22 ug/ml



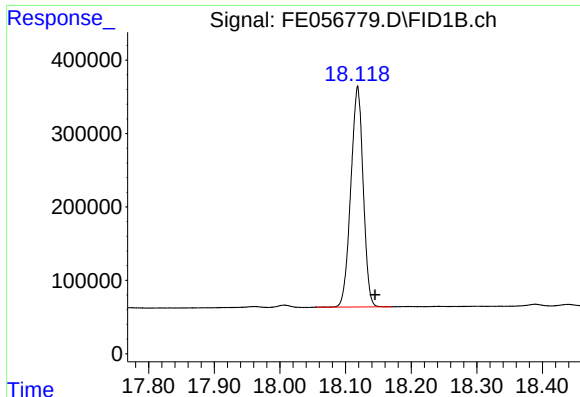
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.026 min
Response: 3690702
Conc: 18.99 ug/ml



#16 n-Octacosane (C28)

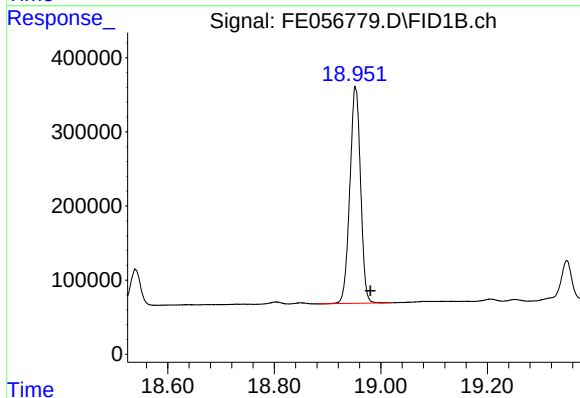
R.T.: 17.228 min
Delta R.T.: -0.026 min
Response: 3702838
Conc: 19.12 ug/ml



#17 n-Tricontane (C30)

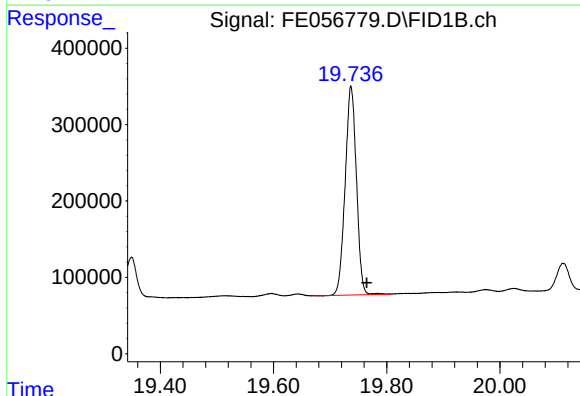
R.T.: 18.118 min
Delta R.T.: -0.027 min
Response: 3933980
Conc: 19.62 ug/ml

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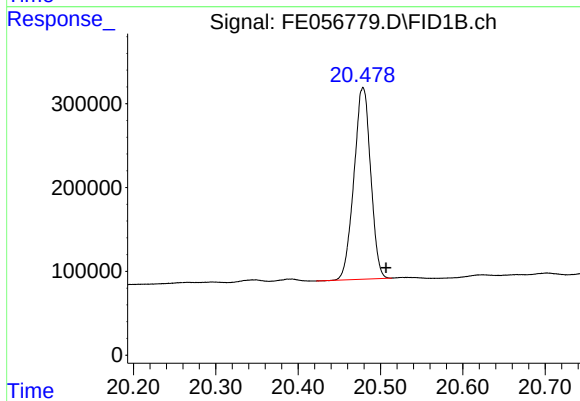
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.028 min
Response: 4074906
Conc: 20.72 ug/ml



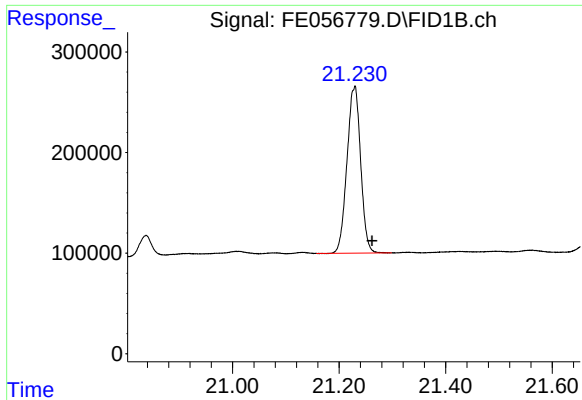
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: -0.028 min
Response: 3774048
Conc: 21.86 ug/ml



#20 n-Hexatriacontane (C36)

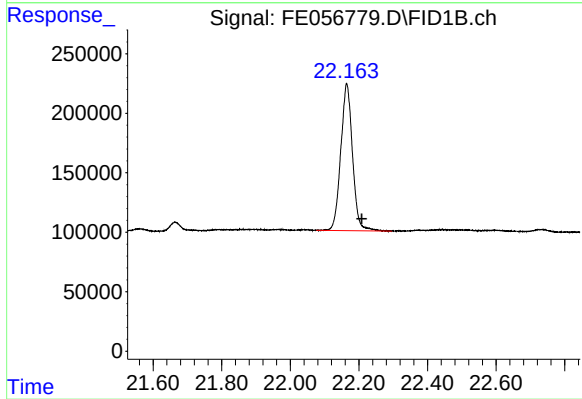
R.T.: 20.479 min
Delta R.T.: -0.028 min
Response: 3224407
Conc: 22.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: -0.033 min
Response: 2951624
Conc: 23.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.165 min
Delta R.T.: -0.044 min
Response: 2929552
Conc: 25.34 ug/ml