

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103025AL\
 Data File : FE056598.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2025 23:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 31 01:26:07 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)	11.976	4036540	19.322 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
12) S 1-chlorooctadecane (S...	13.415	3087809	19.165 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
Target Compounds			
1) T n-Nonane (C9)	3.329	3337073	19.868 ug/ml
2) T n-Decane (C10)	4.581	3429013	19.983 ug/ml
3) T A~Naphthalene (C11.7)	6.297	3661827	19.838 ug/ml
4) T n-Dodecane (C12)	6.754	3528538	20.287 ug/ml
5) T A~2-methylnaphthalene...	7.397	3519899	19.861 ug/ml
6) T n-Tetradecane (C14)	8.590	3521740	20.176 ug/ml
7) T n-Hexadecane (C16)	10.204	3658260	19.995 ug/ml
8) T n-Octadecane (C18)	11.653	3726037	19.686 ug/ml
10) T n-Eicosane (C20)	12.967	3593105	19.280 ug/ml
11) T n-Heneicosane (C21)	13.581	3528246	19.188 ug/ml
13) T n-Docosane (C22)	14.169	3499010	18.691 ug/ml
14) T n-Tetracosane (C24)	15.276	3464819	17.690 ug/ml
15) T n-Hexacosane (C26)	16.301	3353978	17.258 ug/ml
16) T n-Octacosane (C28)	17.254	3248740	16.775 ug/ml
17) T n-Tricontane (C30)	18.144	3321908	16.568 ug/ml
18) T n-Dotriacontane (C32)	18.979	3243389	16.493 ug/ml
19) T n-Tetratriacontane (C34)	19.764	2948160	17.080 ug/ml
20) T n-Hexatriacontane (C36)	20.507	2553515	17.652 ug/ml
21) T n-Octatriacontane (C38)	21.262	2283759	18.145 ug/ml
22) T n-Tetracontane (C40)	22.209	2145938	18.561 ug/ml

(f)=RT Delta > 1/2 Window

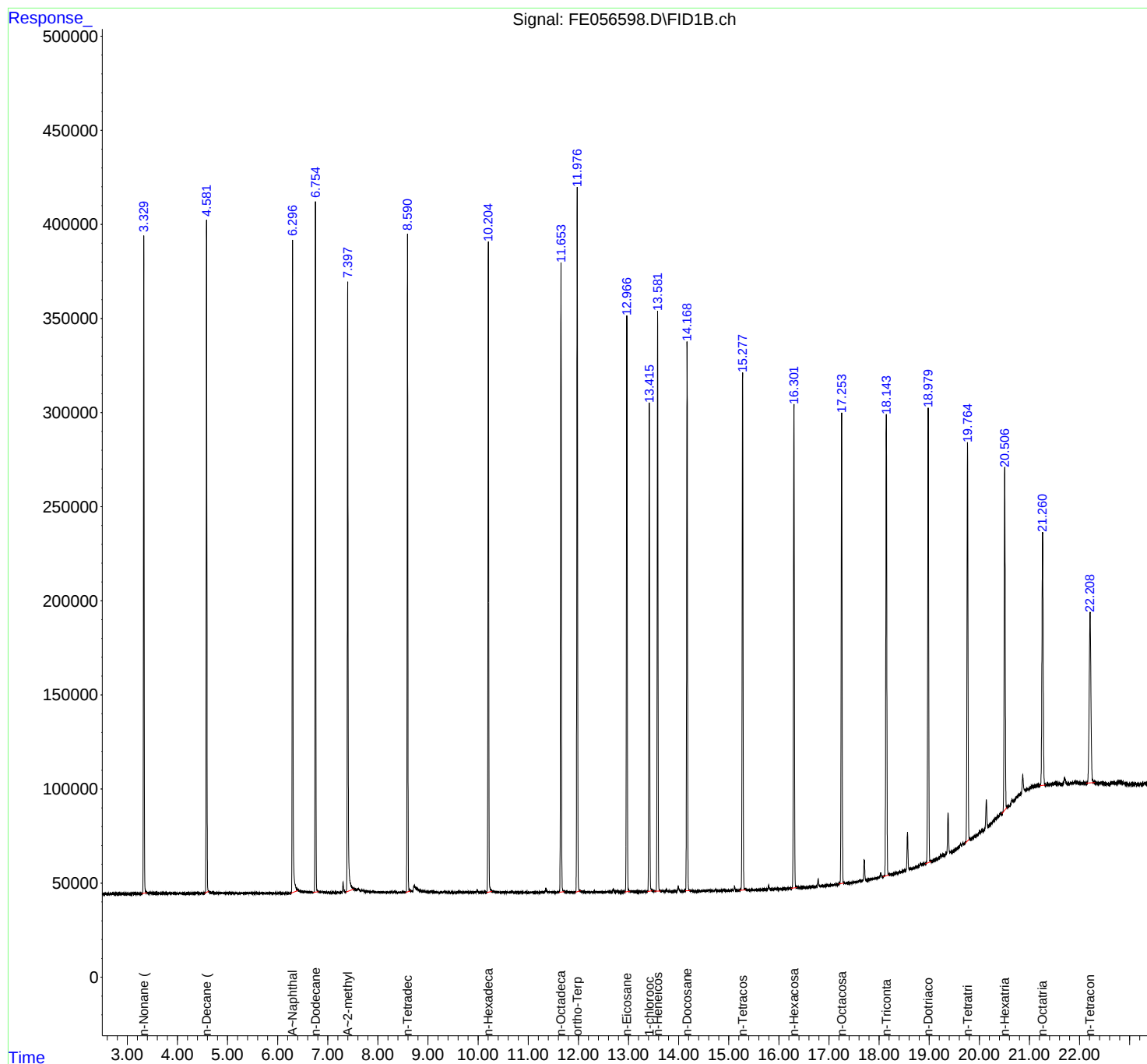
(m)=manual int.

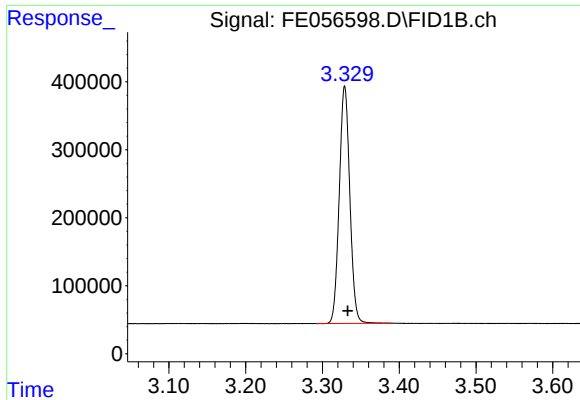
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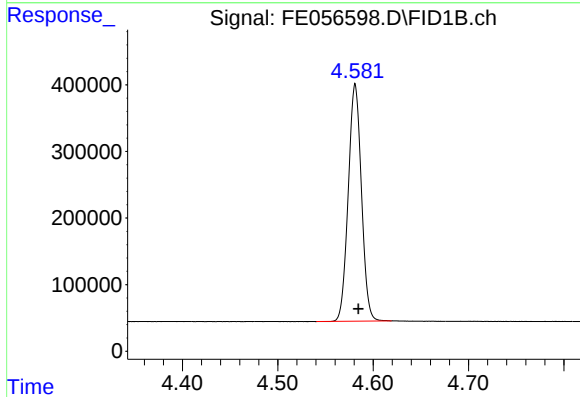




#1 n-Nonane (C9)

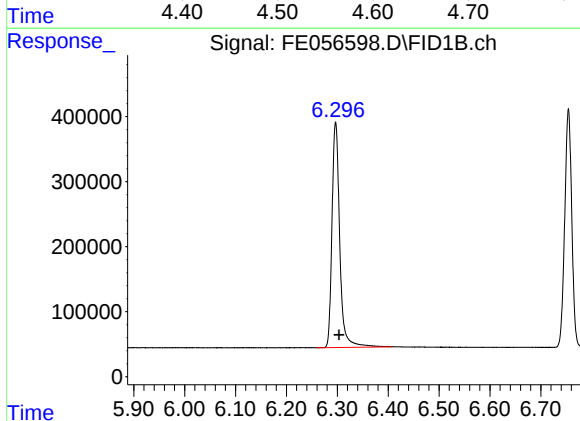
R.T.: 3.329 min
Delta R.T.: -0.004 min
Response: 3337073
Conc: 19.87 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



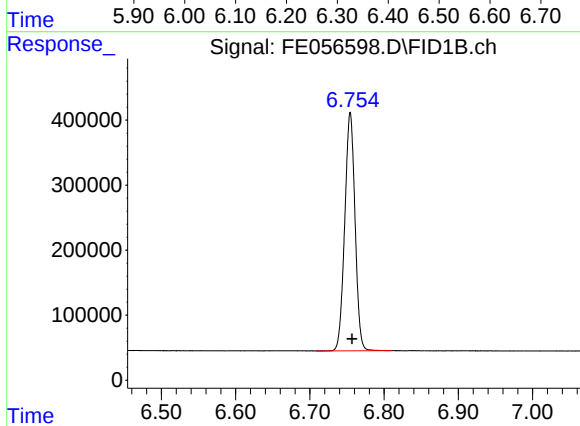
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: -0.003 min
Response: 3429013
Conc: 19.98 ug/ml



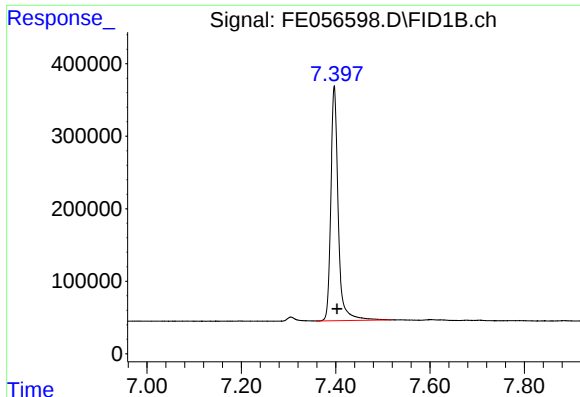
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.006 min
Response: 3661827
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

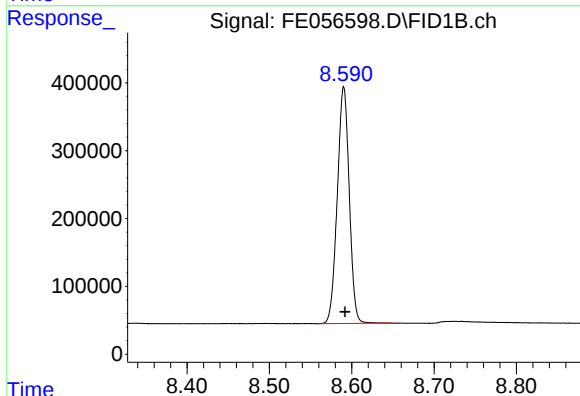
R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 3528538
Conc: 20.29 ug/ml



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

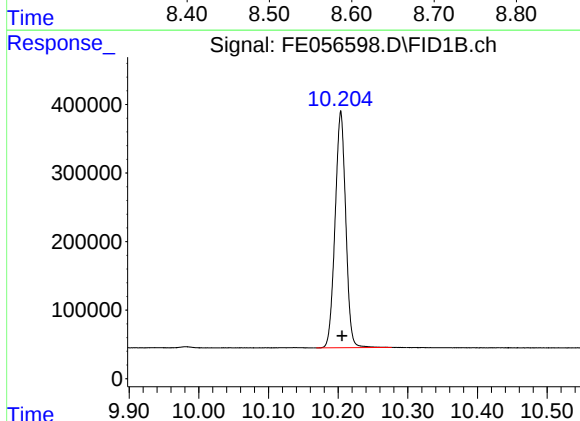
R.T.: 7.397 min
Delta R.T.: -0.006 min
Response: 3519899
Conc: 19.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



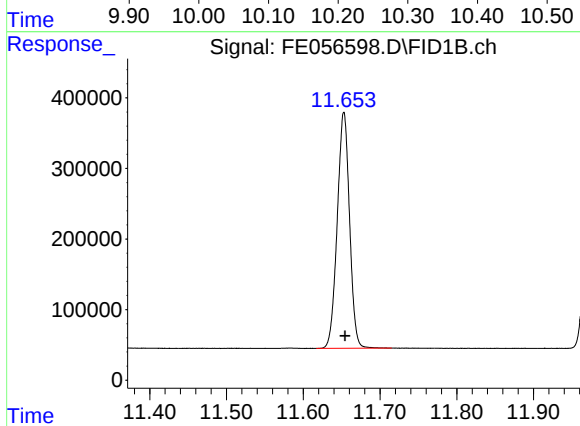
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.002 min
Response: 3521740
Conc: 20.18 ug/ml



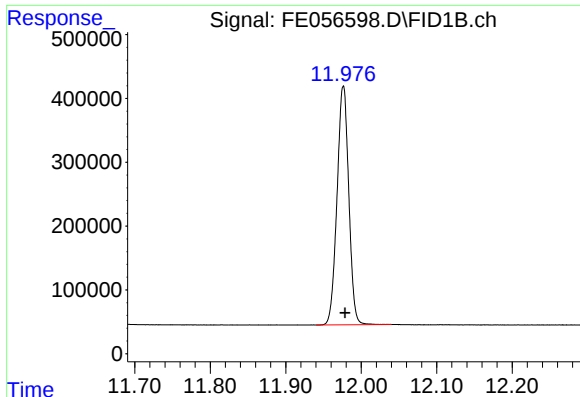
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.002 min
Response: 3658260
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

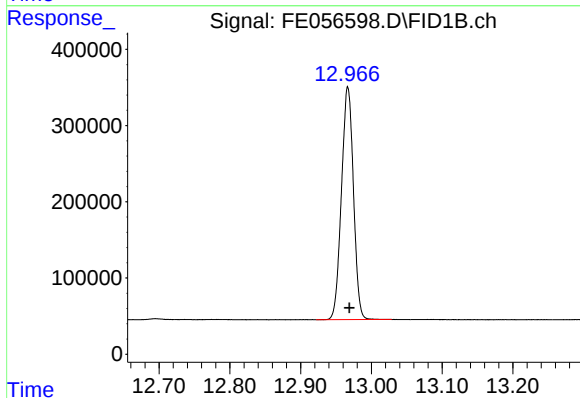
R.T.: 11.653 min
Delta R.T.: -0.002 min
Response: 3726037
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

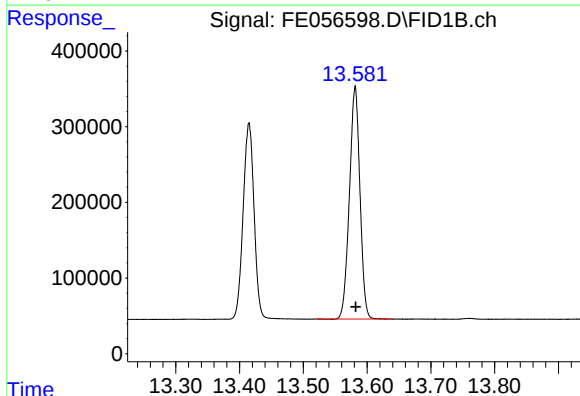
R.T.: 11.976 min
Delta R.T.: -0.003 min
Response: 4036540
Conc: 19.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



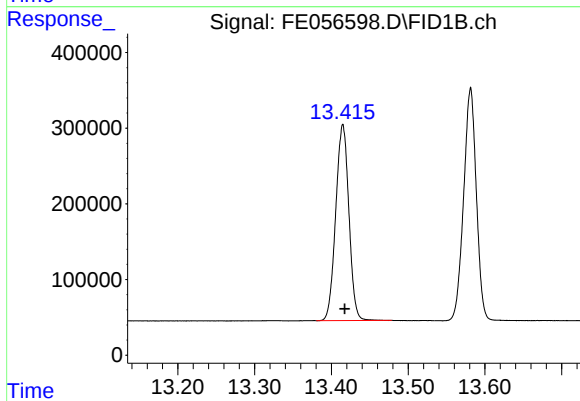
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: -0.002 min
Response: 3593105
Conc: 19.28 ug/ml



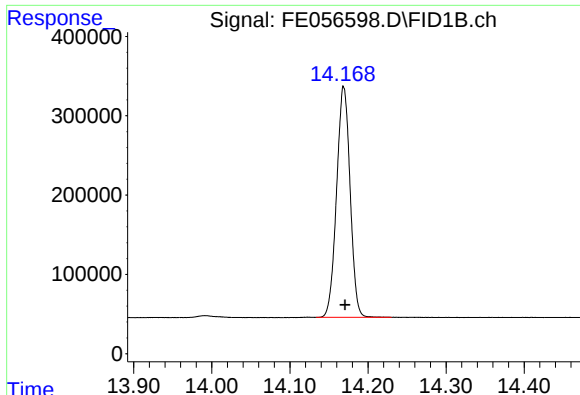
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: -0.001 min
Response: 3528246
Conc: 19.19 ug/ml



#12 1-chlorooctadecane (SURR)

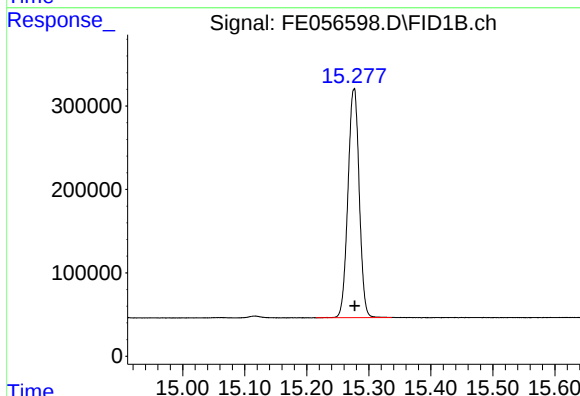
R.T.: 13.415 min
Delta R.T.: -0.002 min
Response: 3087809
Conc: 19.17 ug/ml



#13 n-Docosane (C22)

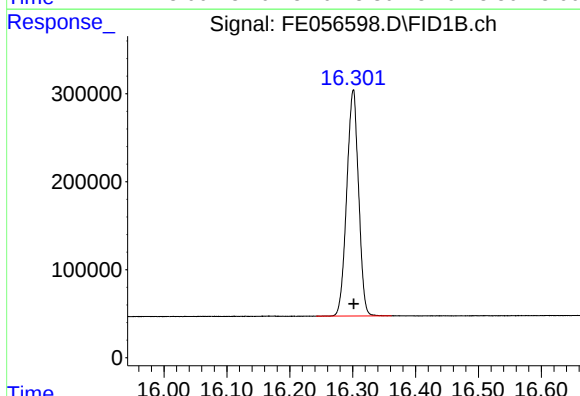
R.T.: 14.169 min
Delta R.T.: -0.002 min
Response: 3499010
Conc: 18.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



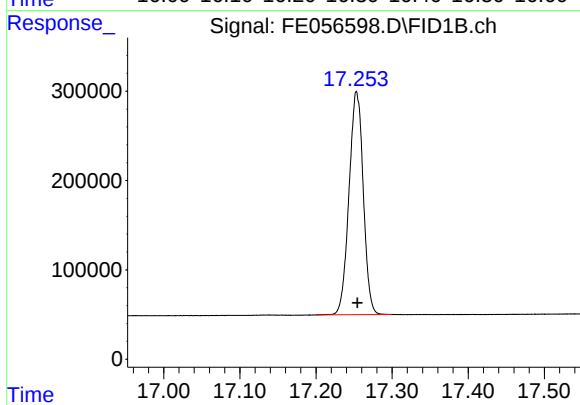
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: -0.001 min
Response: 3464819
Conc: 17.69 ug/ml



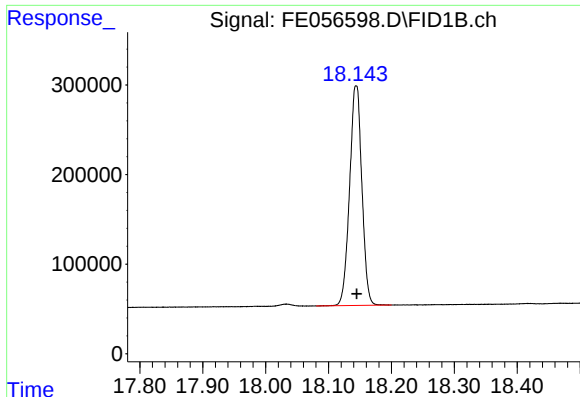
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: -0.001 min
Response: 3353978
Conc: 17.26 ug/ml



#16 n-Octacosane (C28)

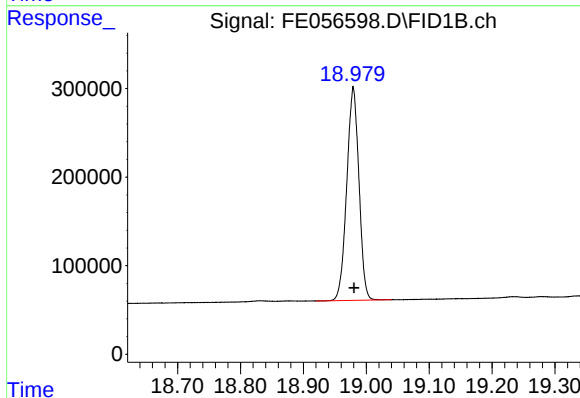
R.T.: 17.254 min
Delta R.T.: -0.001 min
Response: 3248740
Conc: 16.78 ug/ml



#17 n-Tricontane (C30)

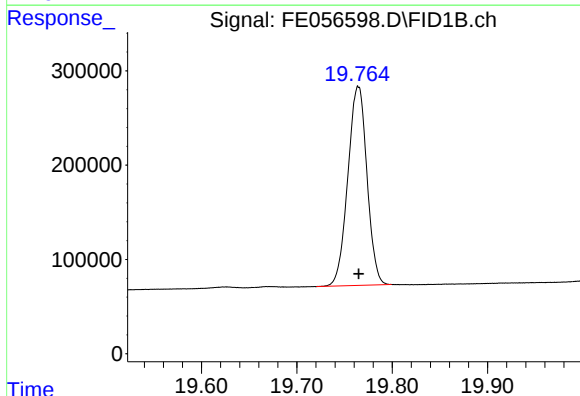
R.T.: 18.144 min
Delta R.T.: -0.001 min
Response: 3321908
Conc: 16.57 ug/ml

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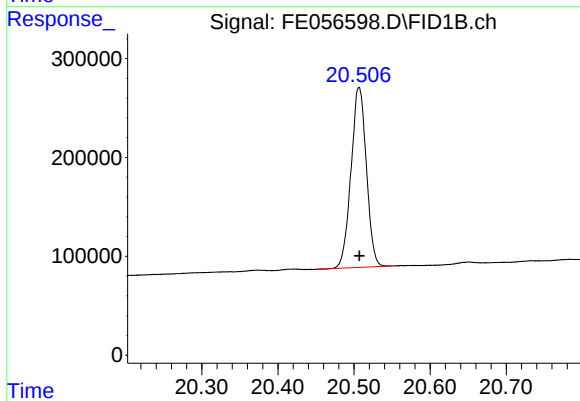
#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: -0.001 min
Response: 3243389
Conc: 16.49 ug/ml



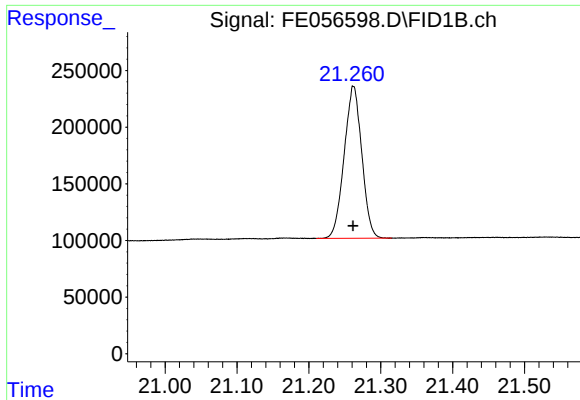
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.000 min
Response: 2948160
Conc: 17.08 ug/ml



#20 n-Hexatriacontane (C36)

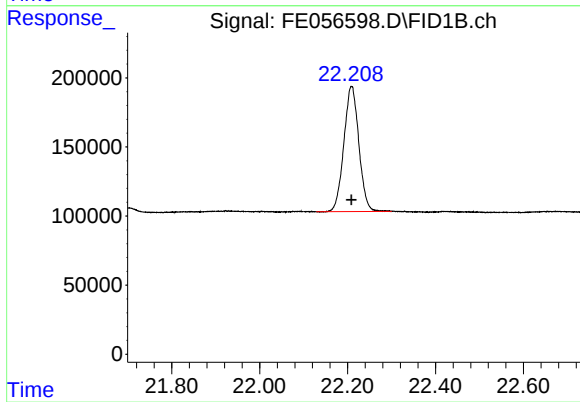
R.T.: 20.507 min
Delta R.T.: 0.000 min
Response: 2553515
Conc: 17.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.262 min
Delta R.T.: 0.000 min
Response: 2283759
Conc: 18.15 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.209 min
Delta R.T.: 0.000 min
Response: 2145938
Conc: 18.56 ug/ml