

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016629.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 02:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 30 03:21:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:19:27 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)	11.957	2889175	19.503 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
12) S 1-chlorooctadecane (S...	13.398	2242210	19.533 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T n-Nonane (C9)	3.313	2375024	19.797 ug/ml
2) T n-Decane (C10)	4.573	2421024	19.803 ug/ml
3) T A~Naphthalene (C11.7)	6.283	2572578	19.970 ug/ml
4) T n-Dodecane (C12)	6.751	2434299	19.764 ug/ml
5) T A~2-methylnaphthalene...	7.384	2448500	20.116 ug/ml
6) T n-Tetradecane (C14)	8.584	2394651	19.730 ug/ml
7) T n-Hexadecane (C16)	10.193	2505606	19.711 ug/ml
8) T n-Octadecane (C18)	11.639	2597500	19.659 ug/ml
10) T n-Eicosane (C20)	12.952	2562673	19.464 ug/ml
11) T n-Heneicosane (C21)	13.565	2548964	19.523 ug/ml
13) T n-Docosane (C22)	14.154	2560485	19.256 ug/ml
14) T n-Tetracosane (C24)	15.260	2592167	18.634 ug/ml
15) T n-Hexacosane (C26)	16.285	2576721	18.599 ug/ml
16) T n-Octacosane (C28)	17.239	2542655	18.398 ug/ml
17) T n-Tricontane (C30)	18.129	2584903	18.381 ug/ml
18) T n-Dotriacontane (C32)	18.965	2472718	18.241 ug/ml
19) T n-Tetratriacontane (C34)	19.752	2202172	18.615 ug/ml
20) T n-Hexatriacontane (C36)	20.496	1882773	19.191 ug/ml
21) T n-Octatriacontane (C38)	21.252	1679019	19.076 ug/ml
22) T n-Tetracontane (C40)	22.196	1589502	18.743 ug/ml

(f)=RT Delta > 1/2 Window

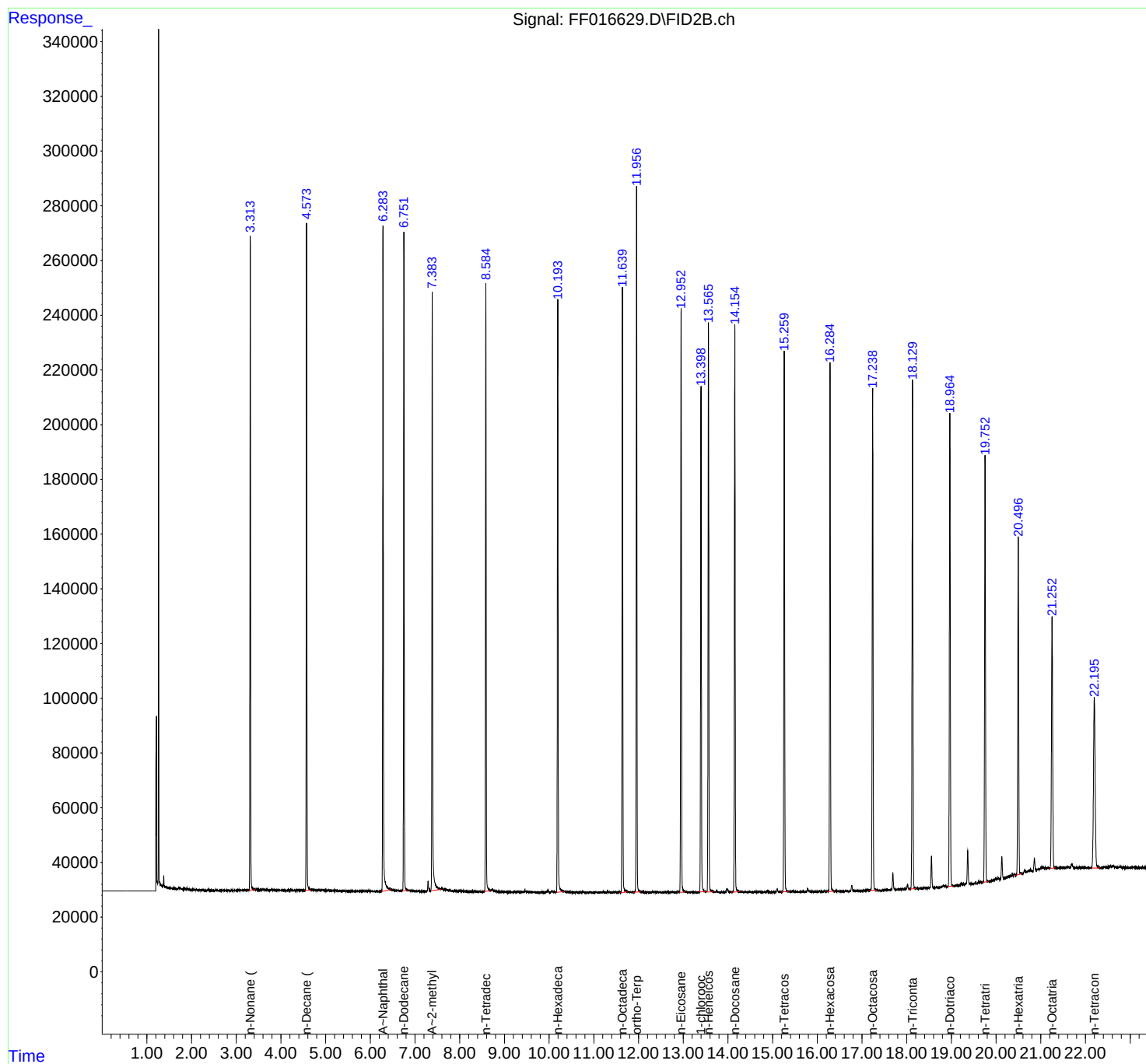
(m)=manual int.

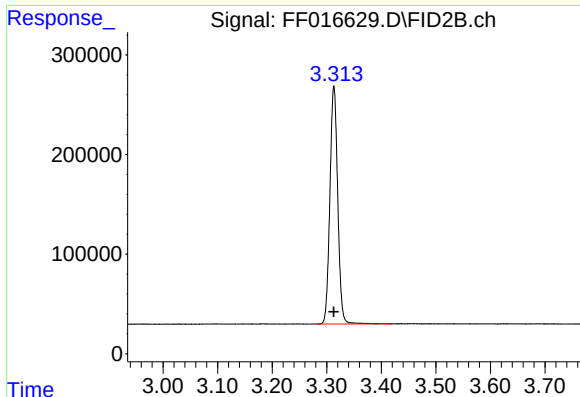
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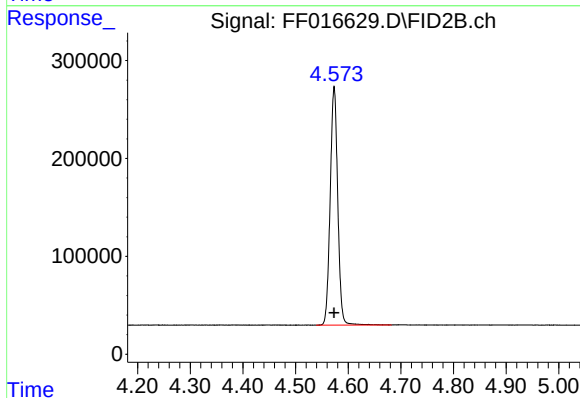




#1 n-Nonane (C9)

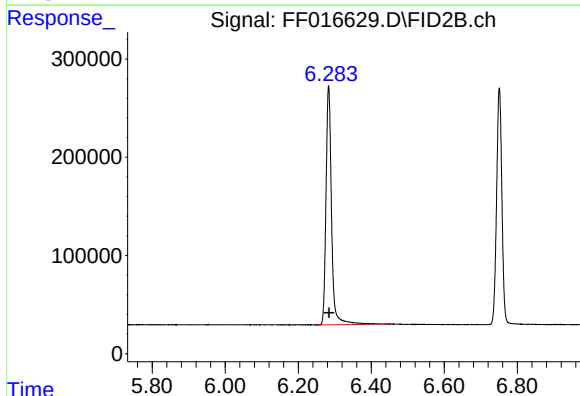
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 2375024
Conc: 19.80 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



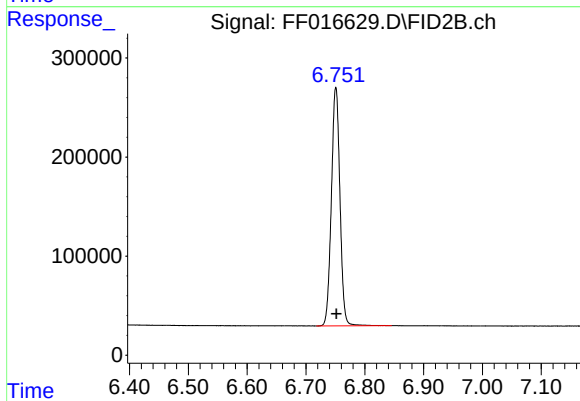
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 2421024
Conc: 19.80 ug/ml



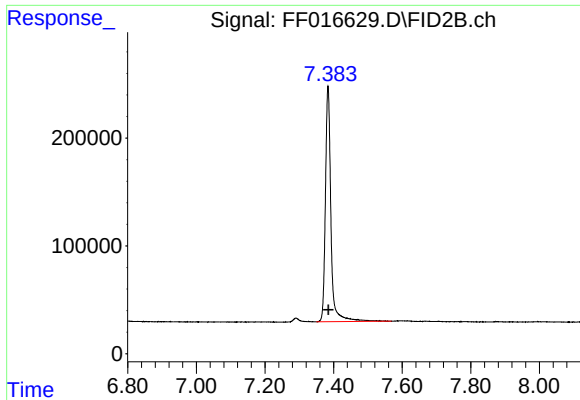
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 2572578
Conc: 19.97 ug/ml



#4 n-Dodecane (C12)

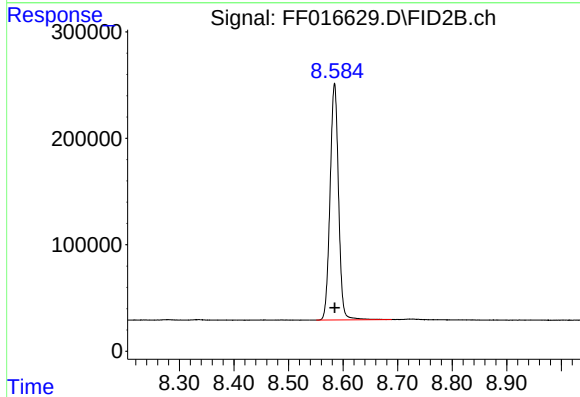
R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 2434299
Conc: 19.76 ug/ml



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

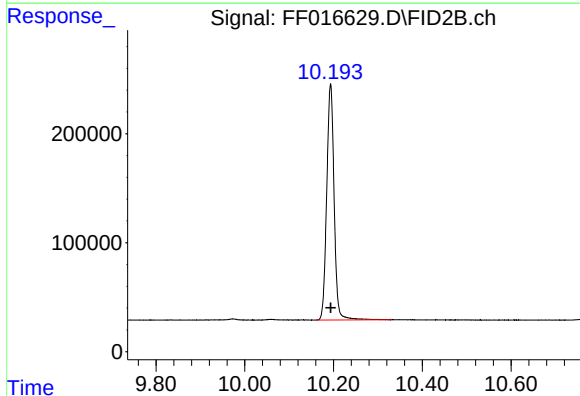
R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 2448500
Conc: 20.12 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



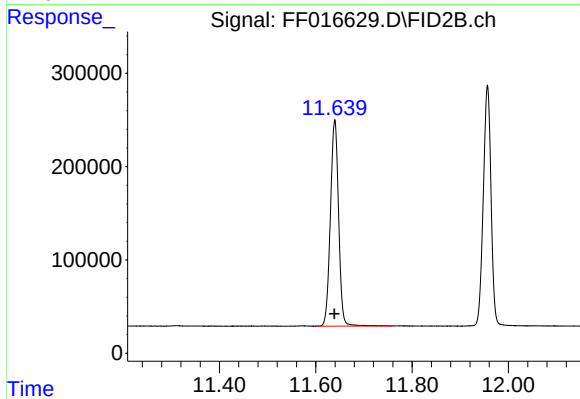
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 2394651
Conc: 19.73 ug/ml



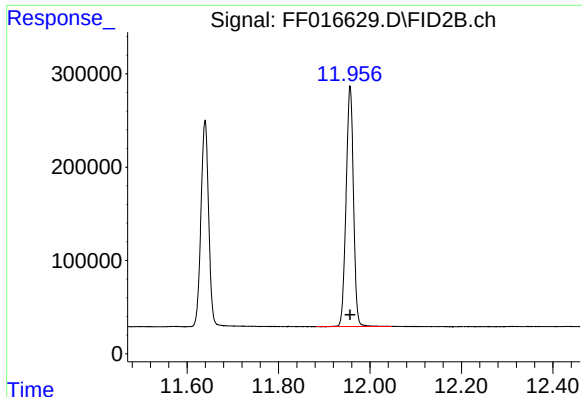
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.000 min
Response: 2505606
Conc: 19.71 ug/ml



#8 n-Octadecane (C18)

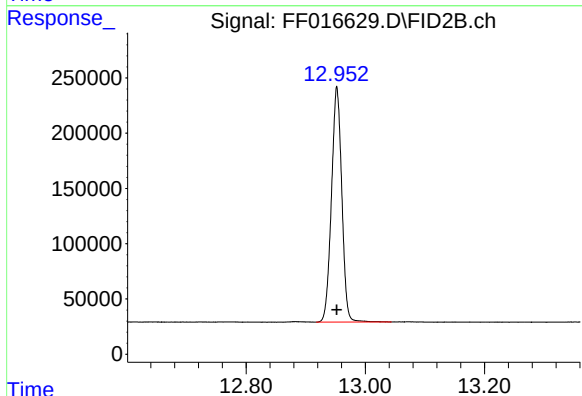
R.T.: 11.639 min
Delta R.T.: 0.000 min
Response: 2597500
Conc: 19.66 ug/ml



#9 ortho-Terphenyl (SURR)

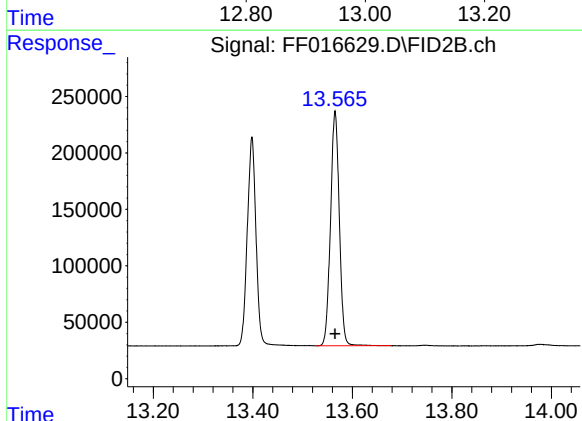
R.T.: 11.957 min
Delta R.T.: 0.000 min
Response: 2889175
Conc: 19.50 ug/ml

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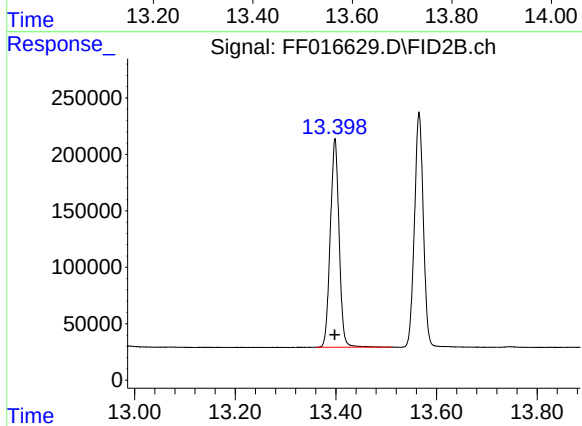
#10 n-Eicosane (C20)

R.T.: 12.952 min
Delta R.T.: 0.000 min
Response: 2562673
Conc: 19.46 ug/ml



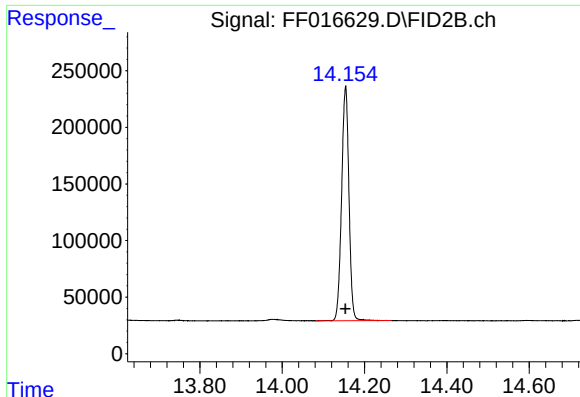
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: 0.000 min
Response: 2548964
Conc: 19.52 ug/ml



#12 1-chlorooctadecane (SURR)

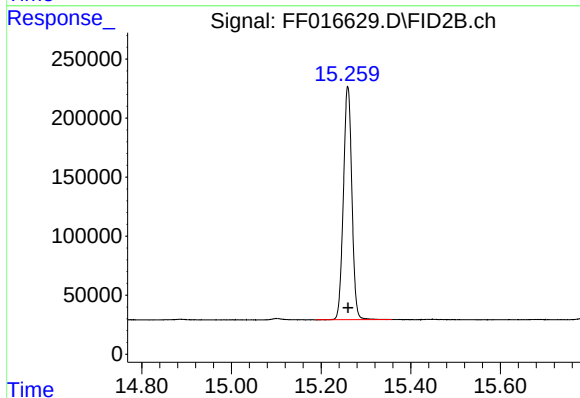
R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 2242210
Conc: 19.53 ug/ml



#13 n-Docosane (C22)

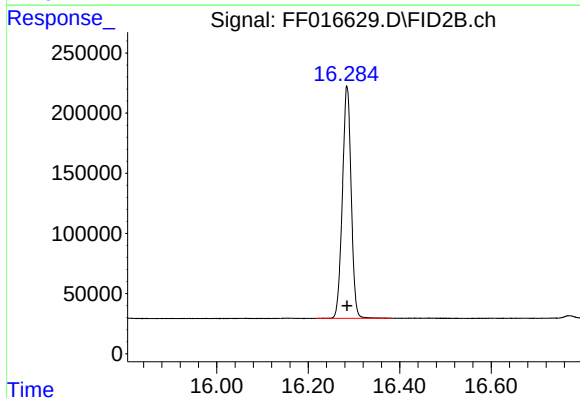
R.T.: 14.154 min
Delta R.T.: 0.000 min
Response: 2560485
Conc: 19.26 ug/ml

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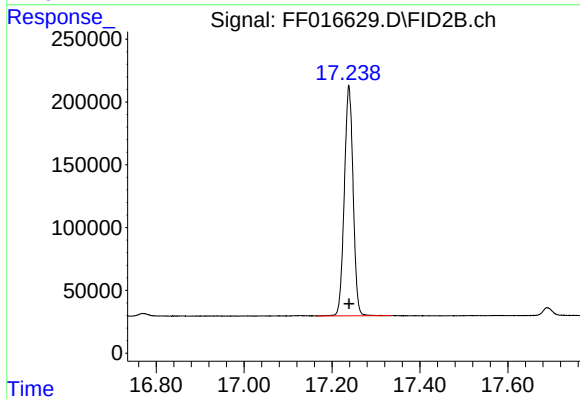
#14 n-Tetracosane (C24)

R.T.: 15.260 min
Delta R.T.: 0.000 min
Response: 2592167
Conc: 18.63 ug/ml



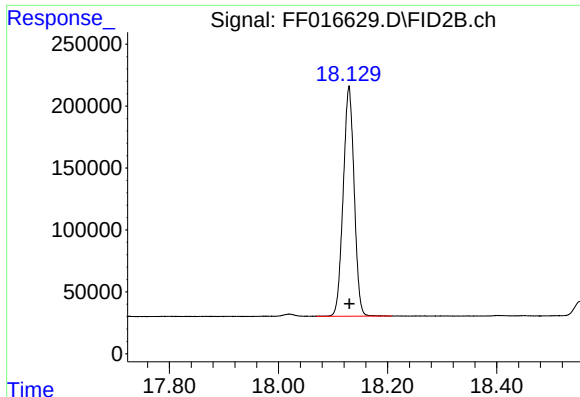
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.000 min
Response: 2576721
Conc: 18.60 ug/ml



#16 n-Octacosane (C28)

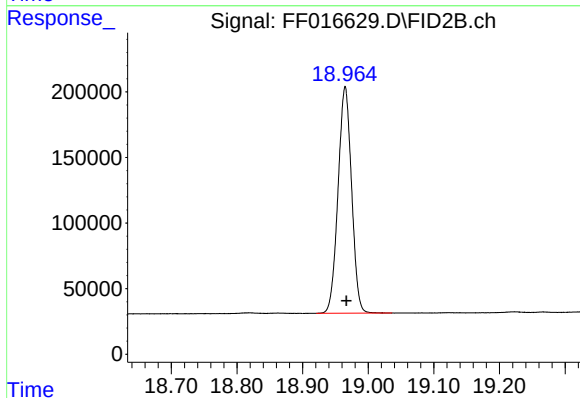
R.T.: 17.239 min
Delta R.T.: 0.000 min
Response: 2542655
Conc: 18.40 ug/ml



#17 n-Tricontane (C30)

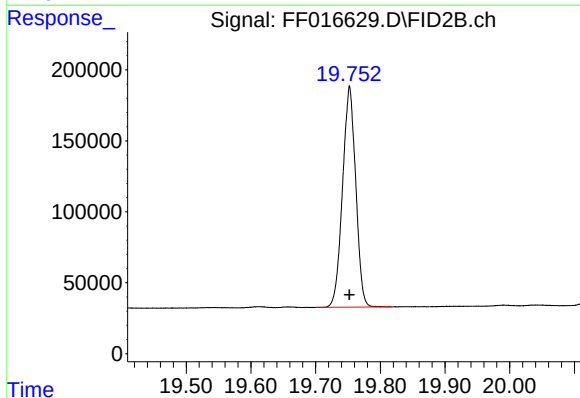
R.T.: 18.129 min
Delta R.T.: 0.000 min
Response: 2584903
Conc: 18.38 ug/ml

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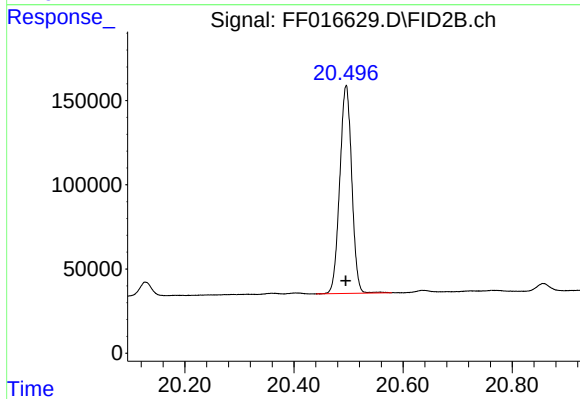
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: -0.002 min
Response: 2472718
Conc: 18.24 ug/ml



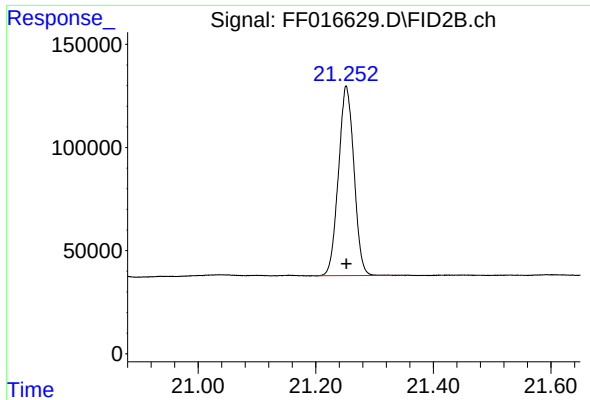
#19 n-Tetratriacontane (C34)

R.T.: 19.752 min
Delta R.T.: 0.000 min
Response: 2202172
Conc: 18.62 ug/ml



#20 n-Hexatriacontane (C36)

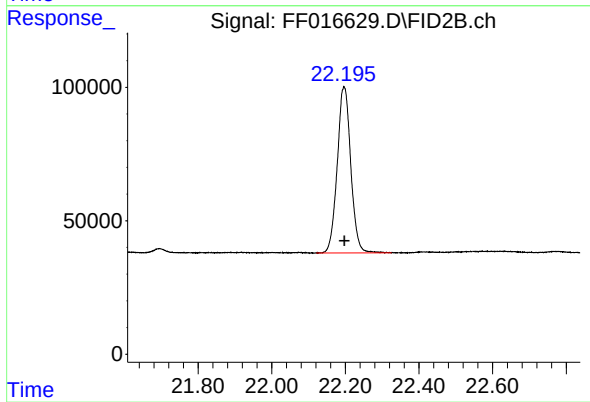
R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 1882773
Conc: 19.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.252 min
Delta R.T.: 0.000 min
Response: 1679019
Conc: 19.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.196 min
Delta R.T.: 0.000 min
Response: 1589502
Conc: 18.74 ug/ml