

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102125AL\
 Data File : FF016585.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2025 10:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 22 13:16:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 05:49:41 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)	11.962	2690405	18.602 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
12) S 1-chlorooctadecane (S...	13.405	1926726	17.273 ug/ml
Spiked Amount 50.000		Recovery =	34.55%
Target Compounds			
1) T n-Nonane (C9)	3.306	2207466	18.881 ug/ml
2) T n-Decane (C10)	4.569	2270881	19.172 ug/ml
3) T A~Naphthalene (C11.7)	6.284	2383857	18.252 ug/ml
4) T n-Dodecane (C12)	6.751	2302813	19.185 ug/ml
5) T A~2-methylnaphthalene...	7.385	2266558	17.802 ug/ml
6) T n-Tetradecane (C14)	8.586	2267421	18.817 ug/ml
7) T n-Hexadecane (C16)	10.197	2392203	19.155 ug/ml
8) T n-Octadecane (C18)	11.645	2468646	19.058 ug/ml
10) T n-Eicosane (C20)	12.959	2421870	18.940 ug/ml
11) T n-Heneicosane (C21)	13.573	2370731	18.672 ug/ml
13) T n-Docosane (C22)	14.161	2419830	19.059 ug/ml
14) T n-Tetracosane (C24)	15.269	2553545	19.963 ug/ml
15) T n-Hexacosane (C26)	16.295	2517728	20.141 ug/ml
16) T n-Octacosane (C28)	17.249	2575827	21.023 ug/ml
17) T n-Tricontane (C30)	18.141	2805460	22.526 ug/ml
18) T n-Dotriacontane (C32)	18.977	2906709	24.116 ug/ml
19) T n-Tetratriacontane (C34)	19.765	2555807	23.437 ug/ml
20) T n-Hexatriacontane (C36)	20.507	2016144	21.602 ug/ml
21) T n-Octatriacontane (C38)	21.267	1522889	18.108 ug/ml
22) T n-Tetracontane (C40)	22.216	1070601	13.637 ug/ml

(f)=RT Delta > 1/2 Window

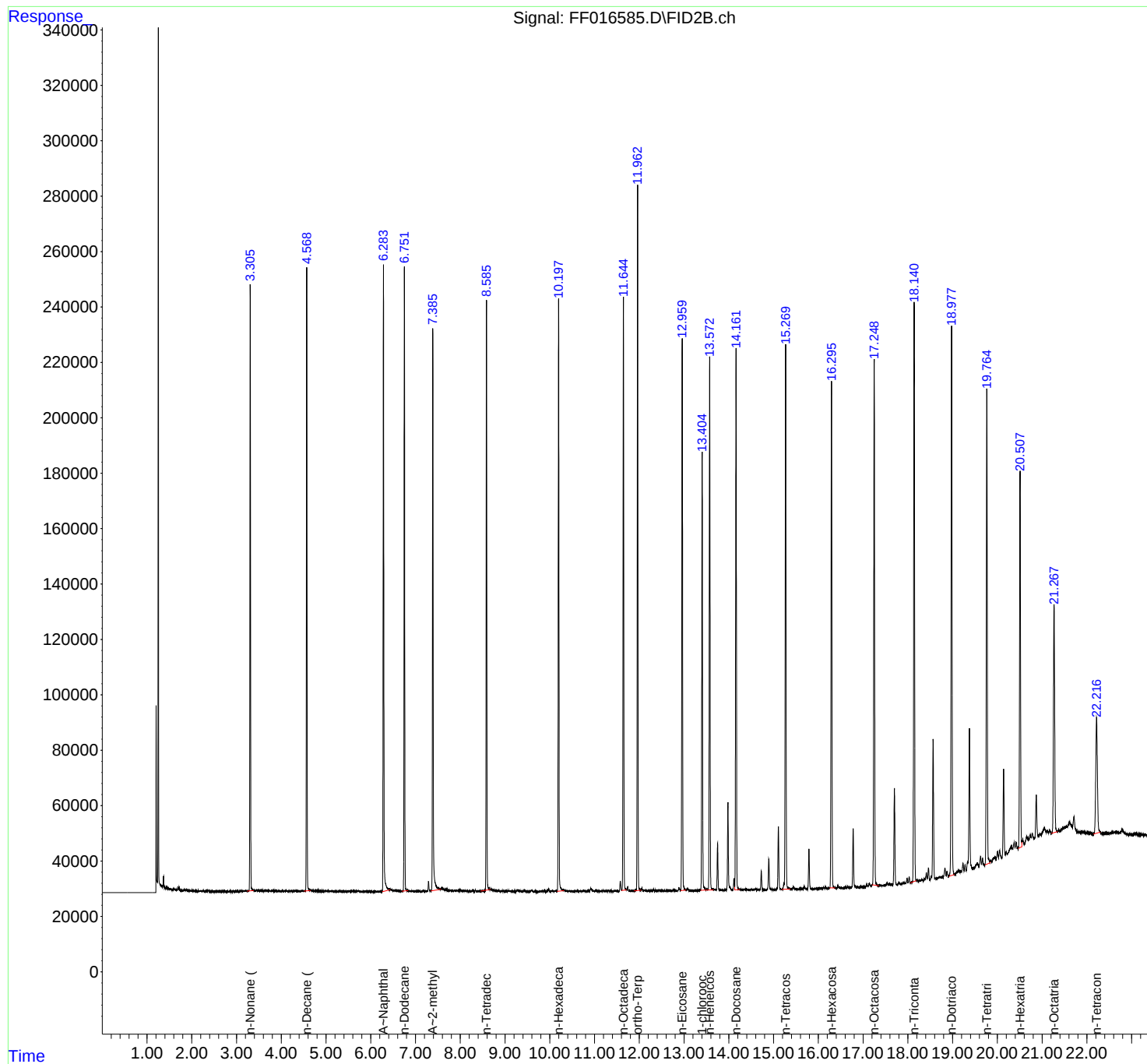
(m)=manual int.

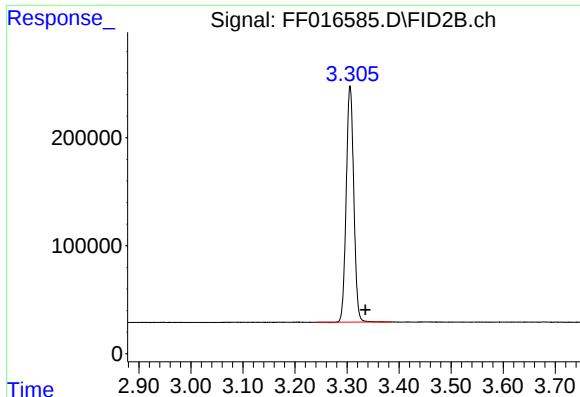
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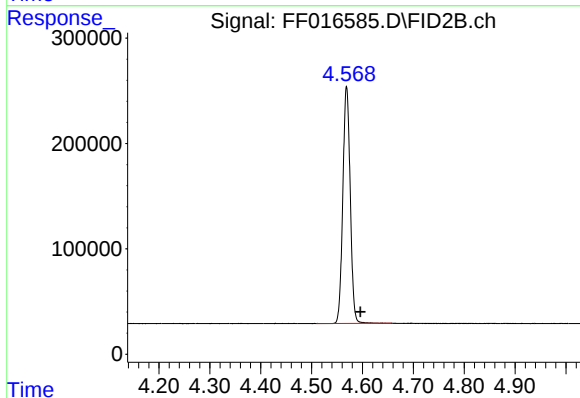




#1 n-Nonane (C9)

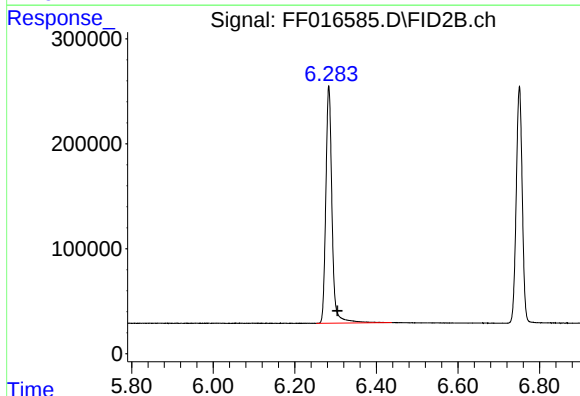
R.T.: 3.306 min
Delta R.T.: -0.029 min
Response: 2207466
Conc: 18.88 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



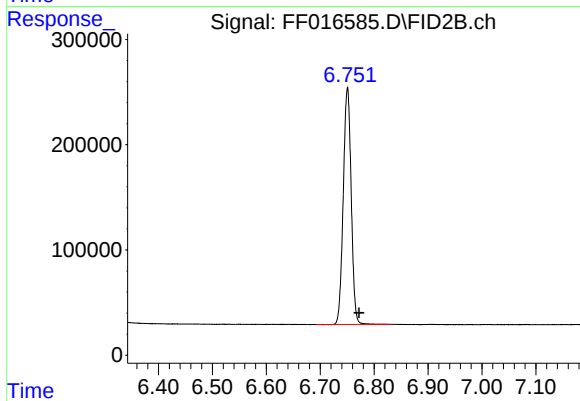
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: -0.027 min
Response: 2270881
Conc: 19.17 ug/ml



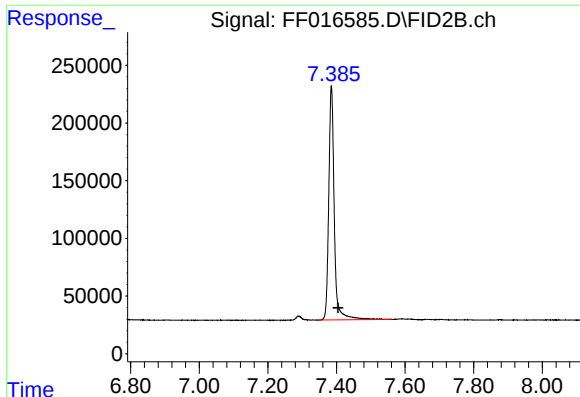
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: -0.021 min
Response: 2383857
Conc: 18.25 ug/ml



#4 n-Dodecane (C12)

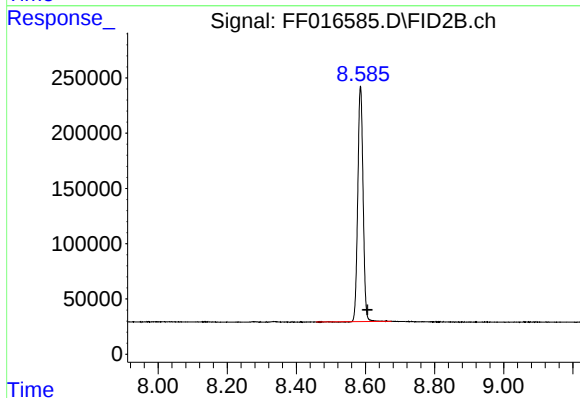
R.T.: 6.751 min
Delta R.T.: -0.022 min
Response: 2302813
Conc: 19.18 ug/ml



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

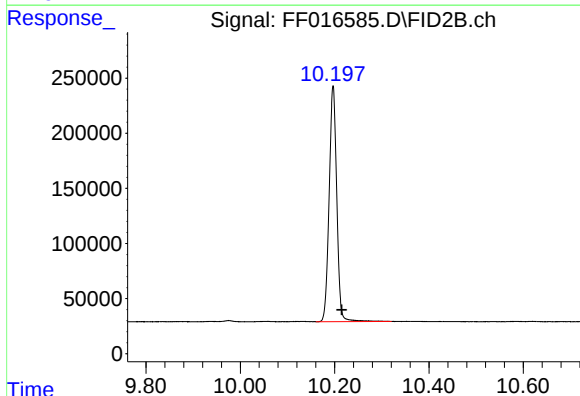
R.T.: 7.385 min
Delta R.T.: -0.019 min
Response: 2266558
Conc: 17.80 ug/ml

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20 PPM ALIPHATIC HC STD



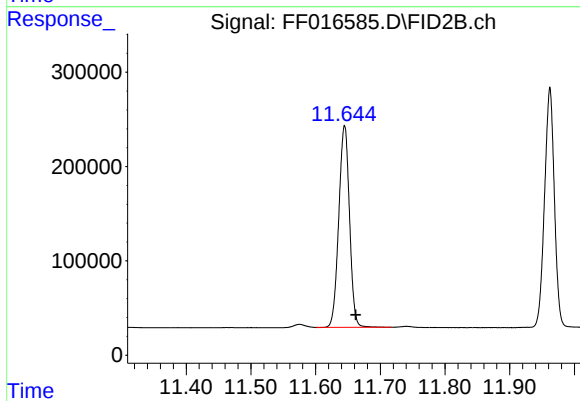
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: -0.020 min
Response: 2267421
Conc: 18.82 ug/ml



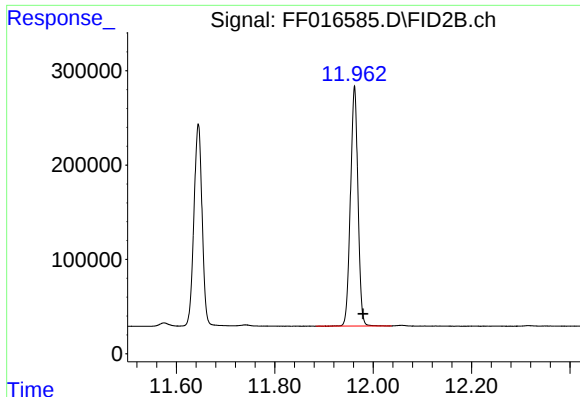
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.018 min
Response: 2392203
Conc: 19.15 ug/ml



#8 n-Octadecane (C18)

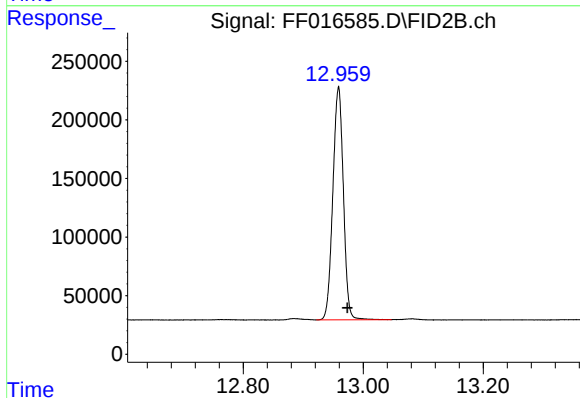
R.T.: 11.645 min
Delta R.T.: -0.017 min
Response: 2468646
Conc: 19.06 ug/ml



#9 ortho-Terphenyl (SURR)

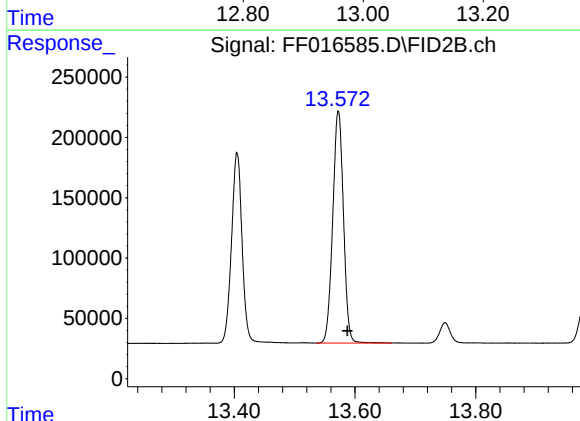
R.T.: 11.962 min
Delta R.T.: -0.017 min
Response: 2690405
Conc: 18.60 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



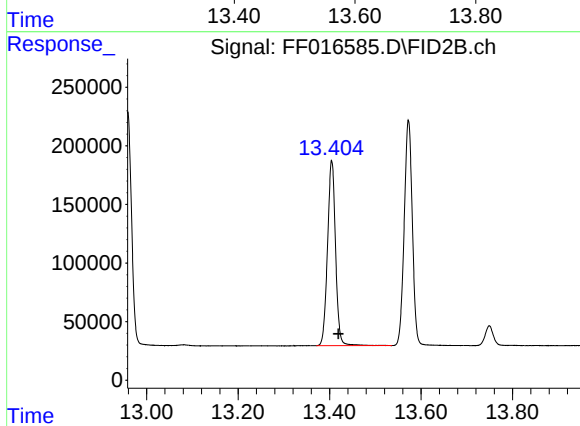
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: -0.015 min
Response: 2421870
Conc: 18.94 ug/ml



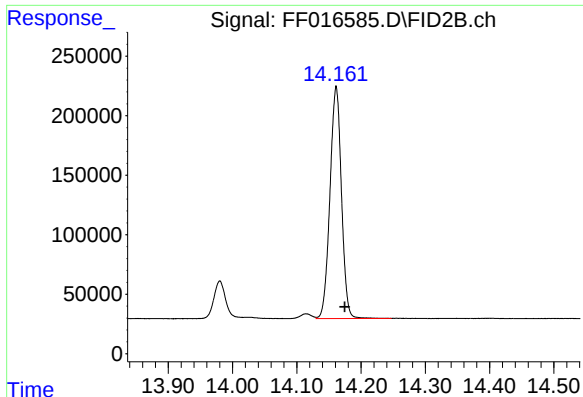
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: -0.015 min
Response: 2370731
Conc: 18.67 ug/ml



#12 1-chlorooctadecane (SURR)

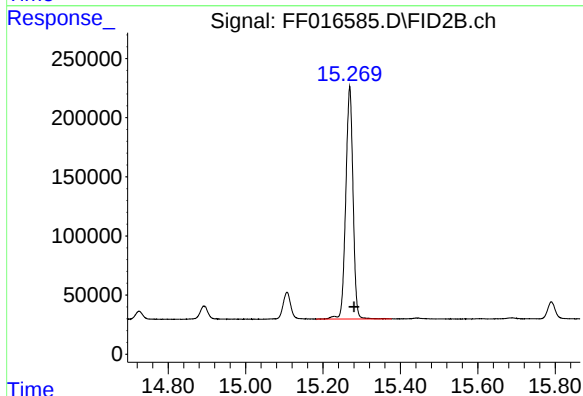
R.T.: 13.405 min
Delta R.T.: -0.014 min
Response: 1926726
Conc: 17.27 ug/ml



#13 n-Docosane (C22)

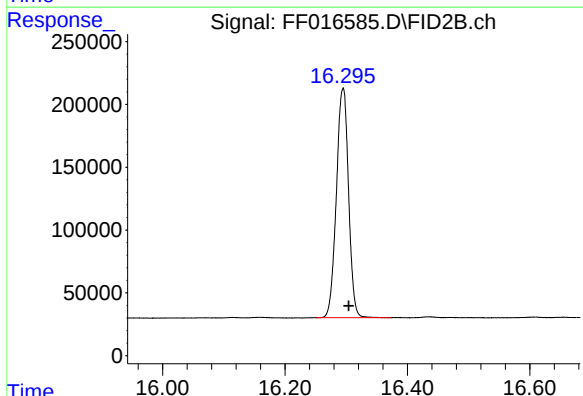
R.T.: 14.161 min
Delta R.T.: -0.013 min
Response: 2419830
Conc: 19.06 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



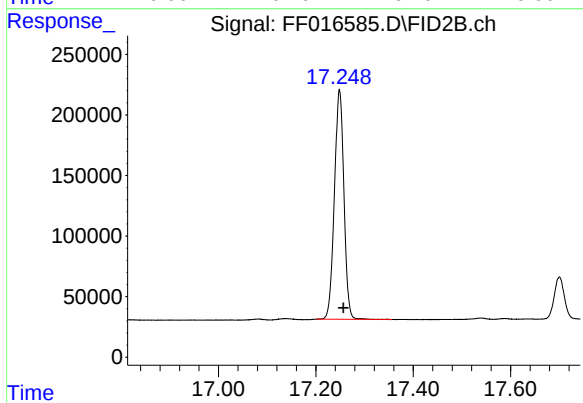
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: -0.011 min
Response: 2553545
Conc: 19.96 ug/ml



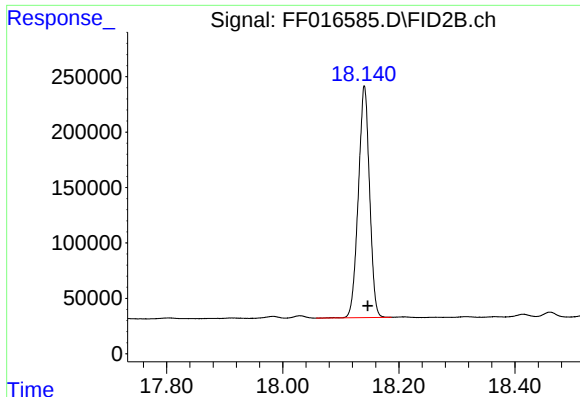
#15 n-Hexacosane (C26)

R.T.: 16.295 min
Delta R.T.: -0.010 min
Response: 2517728
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

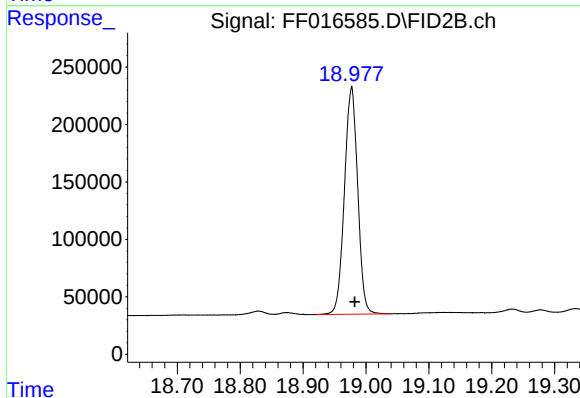
R.T.: 17.249 min
Delta R.T.: -0.008 min
Response: 2575827
Conc: 21.02 ug/ml



#17 n-Tricontane (C30)

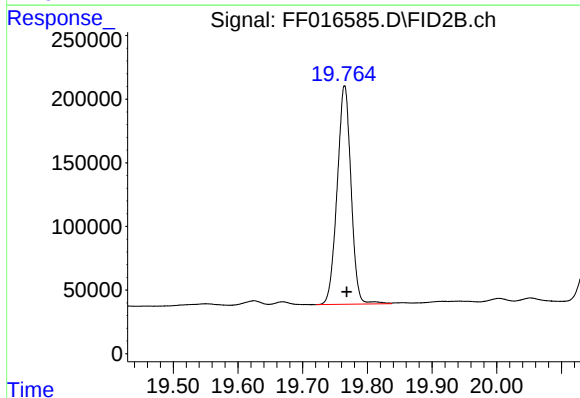
R.T.: 18.141 min
Delta R.T.: -0.006 min
Response: 2805460
Conc: 22.53 ug/ml

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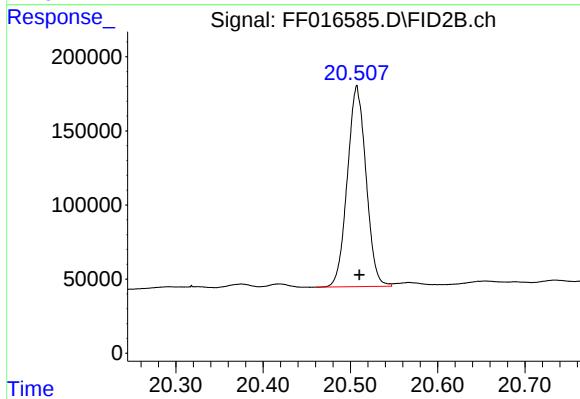
#18 n-Dotriacontane (C32)

R.T.: 18.977 min
Delta R.T.: -0.005 min
Response: 2906709
Conc: 24.12 ug/ml



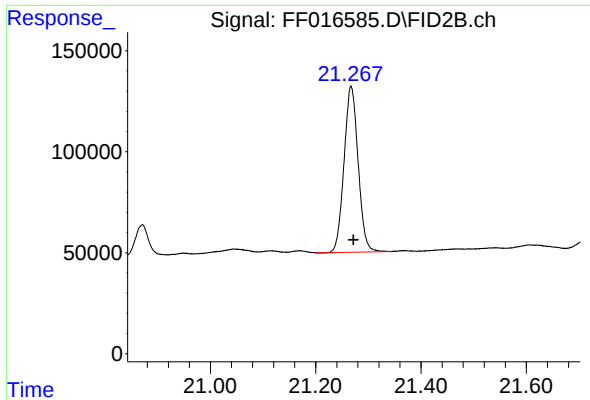
#19 n-Tetratriacontane (C34)

R.T.: 19.765 min
Delta R.T.: -0.003 min
Response: 2555807
Conc: 23.44 ug/ml



#20 n-Hexatriacontane (C36)

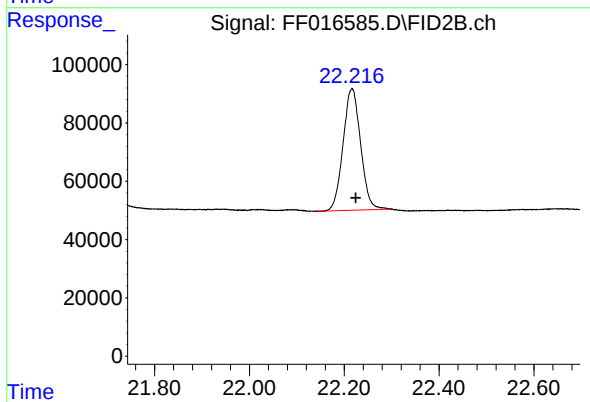
R.T.: 20.507 min
Delta R.T.: -0.003 min
Response: 2016144
Conc: 21.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.267 min
Delta R.T.: -0.005 min
Response: 1522889
Conc: 18.11 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.216 min
Delta R.T.: -0.008 min
Response: 1070601
Conc: 13.64 ug/ml