

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070825AL\
 Data File : FG016242.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 12:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 09 03:57:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.093	2646745	20.513 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
12) S 1-chlorooctadecane (S...	13.538	2052852	20.373 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T n-Nonane (C9)	3.412	2246973	20.767 ug/ml
2) T n-Decane (C10)	4.674	2287440	20.853 ug/ml
3) T A~Naphthalene (C11.7)	6.392	2518835	21.082 ug/ml
4) T n-Dodecane (C12)	6.854	2307275	20.954 ug/ml
5) T A~2-methylnaphthalene...	7.495	2451895	21.081 ug/ml
6) T n-Tetradecane (C14)	8.695	2304457	20.984 ug/ml
7) T n-Hexadecane (C16)	10.314	2384992	20.952 ug/ml
8) T n-Octadecane (C18)	11.769	2422760	20.811 ug/ml
10) T n-Eicosane (C20)	13.089	2360762	20.743 ug/ml
11) T n-Heneicosane (C21)	13.706	2326150	20.547 ug/ml
13) T n-Docosane (C22)	14.296	2348473	20.658 ug/ml
14) T n-Tetracosane (C24)	15.407	2378870	20.630 ug/ml
15) T n-Hexacosane (C26)	16.435	2351173	20.431 ug/ml
16) T n-Octacosane (C28)	17.392	2277720	20.070 ug/ml
17) T n-Tricontane (C30)	18.285	2237834	19.546 ug/ml
18) T n-Dotriacontane (C32)	19.122	2093038	19.197 ug/ml
19) T n-Tetratriacontane (C34)	19.912	1862300	18.824 ug/ml
20) T n-Hexatriacontane (C36)	20.654	1613873	19.014 ug/ml
21) T n-Octatriacontane (C38)	21.446	1474837	19.536 ug/ml
22) T n-Tetracontane (C40)	22.451	1415654	20.473 ug/ml

(f)=RT Delta > 1/2 Window

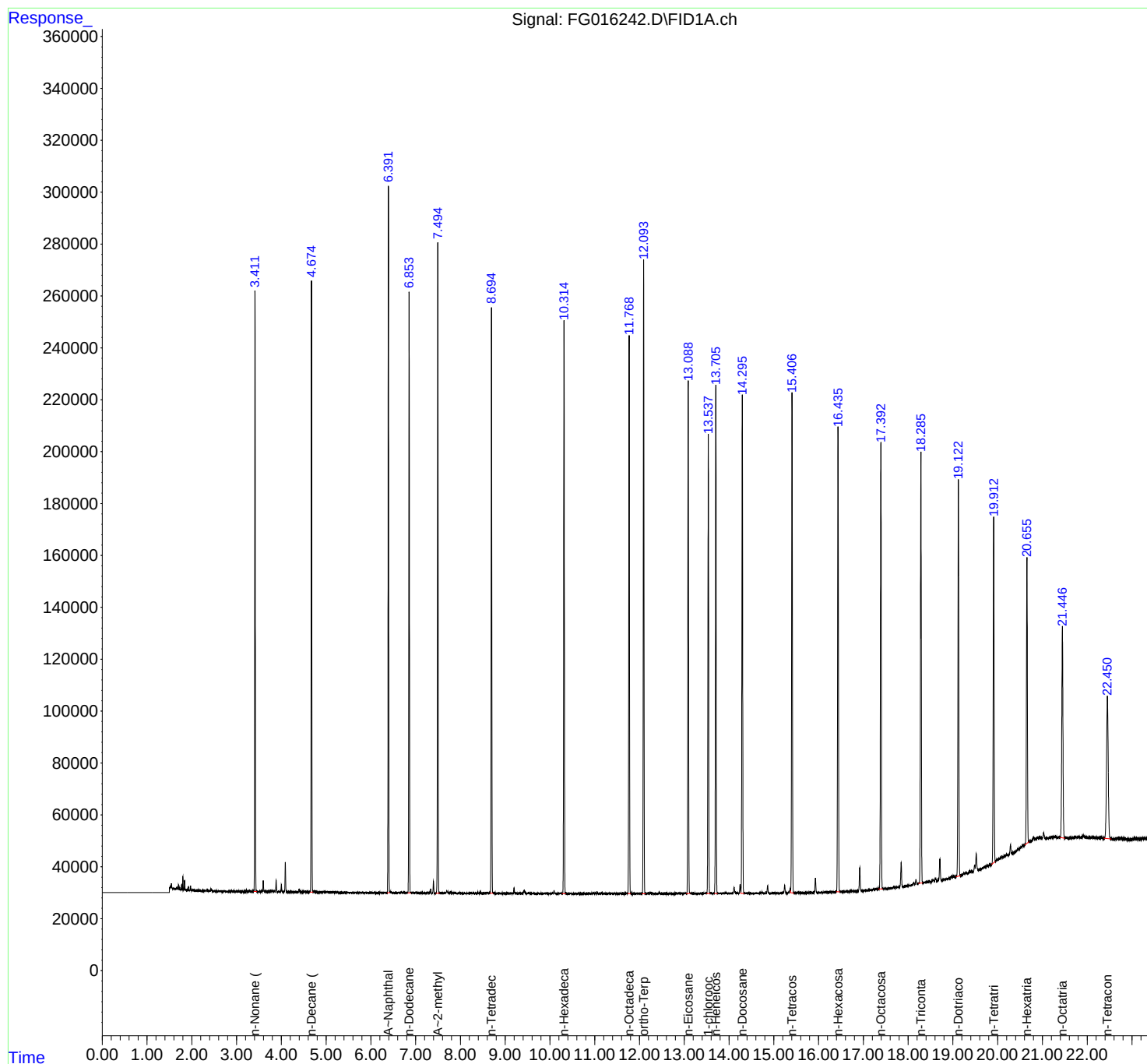
(m)=manual int.

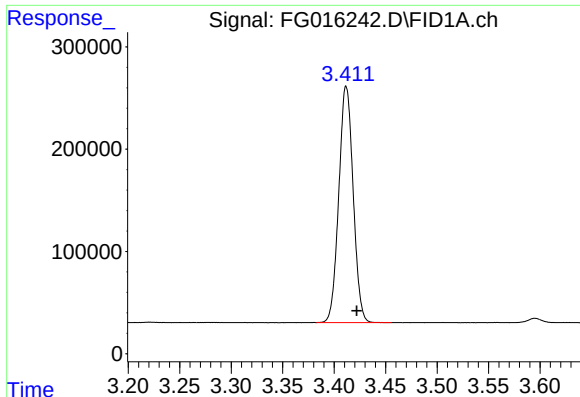
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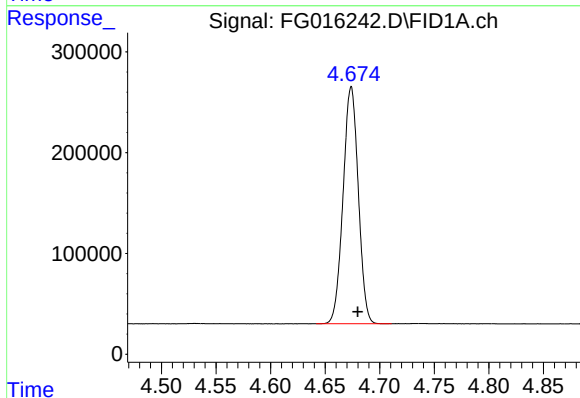




#1 n-Nonane (C9)

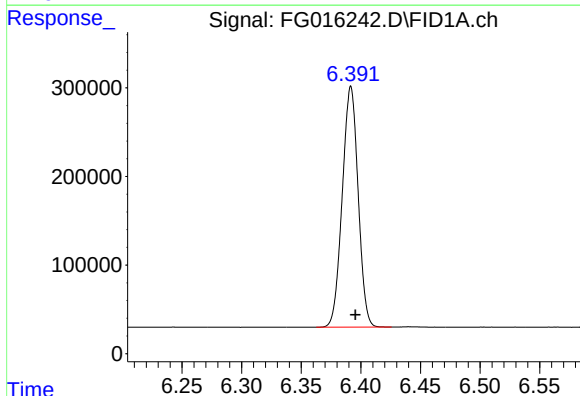
R.T.: 3.412 min
Delta R.T.: -0.010 min
Response: 2246973
Conc: 20.77 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



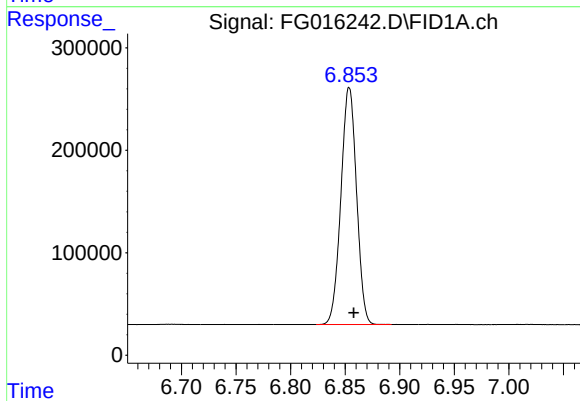
#2 n-Decane (C10)

R.T.: 4.674 min
Delta R.T.: -0.006 min
Response: 2287440
Conc: 20.85 ug/ml



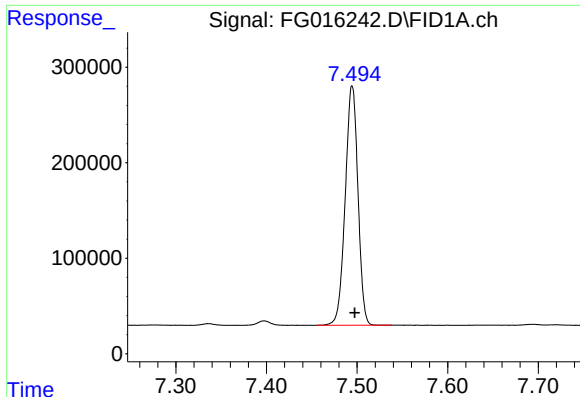
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 2518835
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

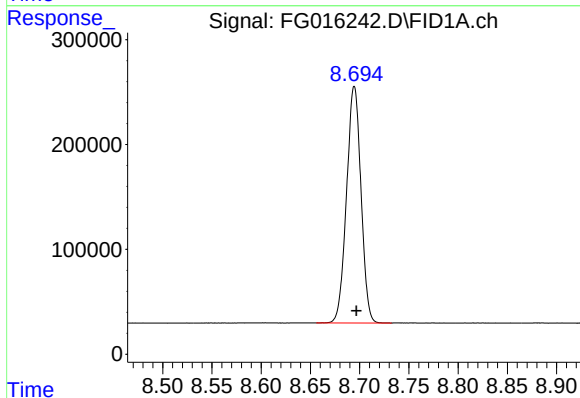
R.T.: 6.854 min
Delta R.T.: -0.004 min
Response: 2307275
Conc: 20.95 ug/ml



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

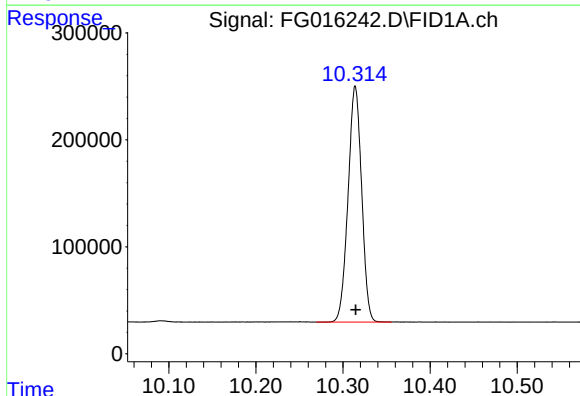
R.T.: 7.495 min
Delta R.T.: -0.003 min
Response: 2451895
Conc: 21.08 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



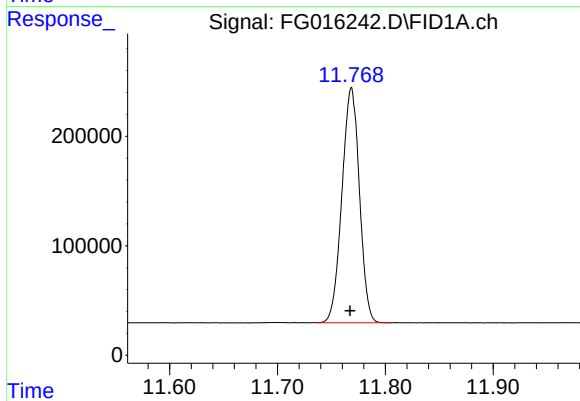
#6 n-Tetradecane (C14)

R.T.: 8.695 min
Delta R.T.: -0.002 min
Response: 2304457
Conc: 20.98 ug/ml



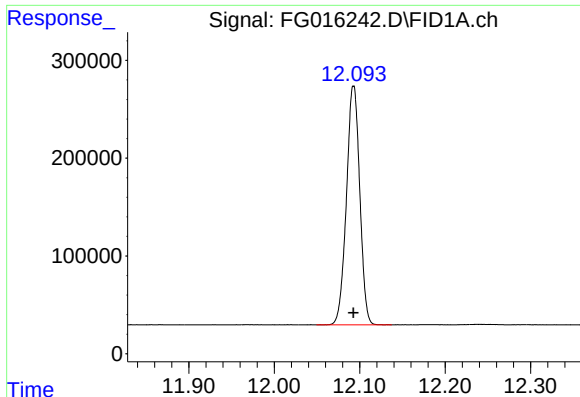
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.000 min
Response: 2384992
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

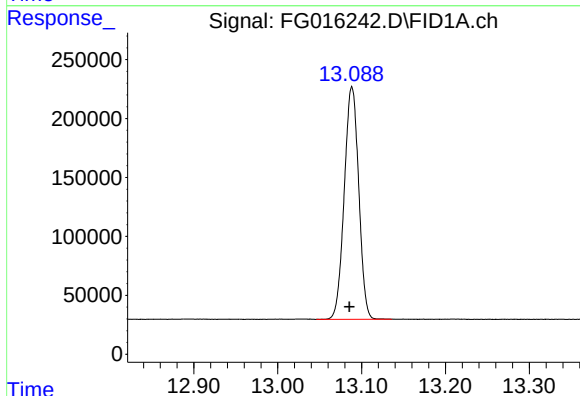
R.T.: 11.769 min
Delta R.T.: 0.001 min
Response: 2422760
Conc: 20.81 ug/ml



#9 ortho-Terphenyl (SURR)

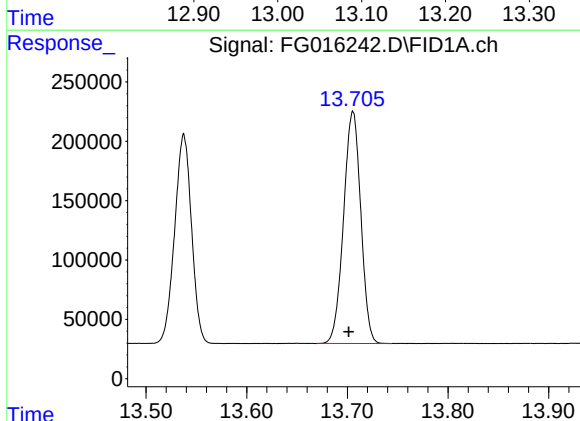
R.T.: 12.093 min
Delta R.T.: 0.000 min
Response: 2646745
Conc: 20.51 ug/ml

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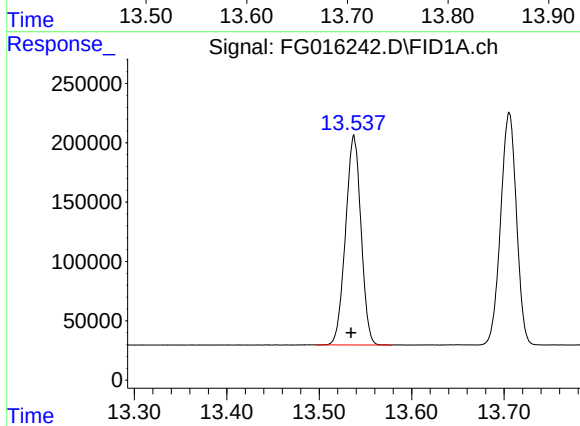
#10 n-Eicosane (C20)

R.T.: 13.089 min
Delta R.T.: 0.003 min
Response: 2360762
Conc: 20.74 ug/ml



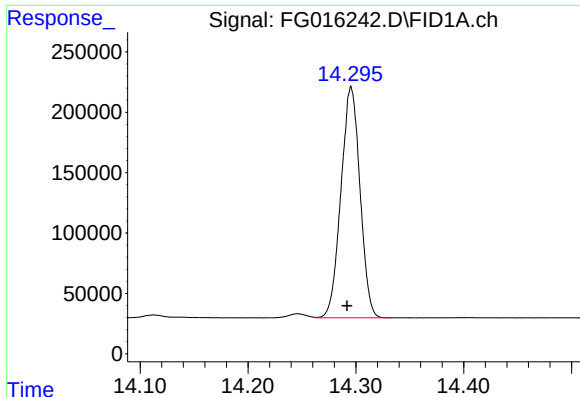
#11 n-Heneicosane (C21)

R.T.: 13.706 min
Delta R.T.: 0.004 min
Response: 2326150
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

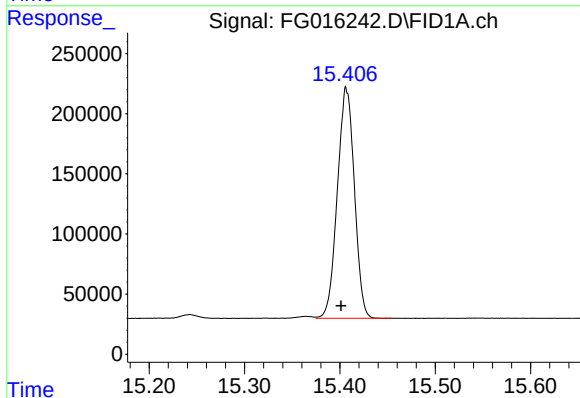
R.T.: 13.538 min
Delta R.T.: 0.003 min
Response: 2052852
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

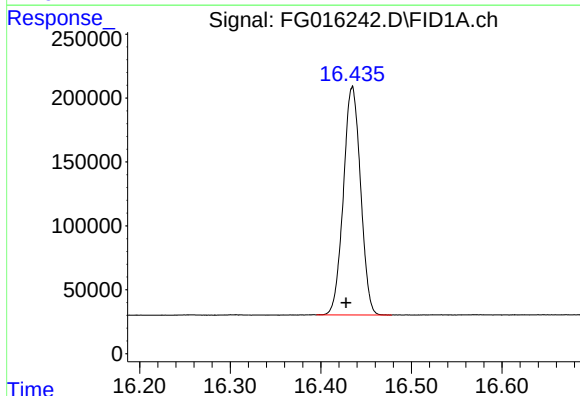
R.T.: 14.296 min
Delta R.T.: 0.004 min
Response: 2348473
Conc: 20.66 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



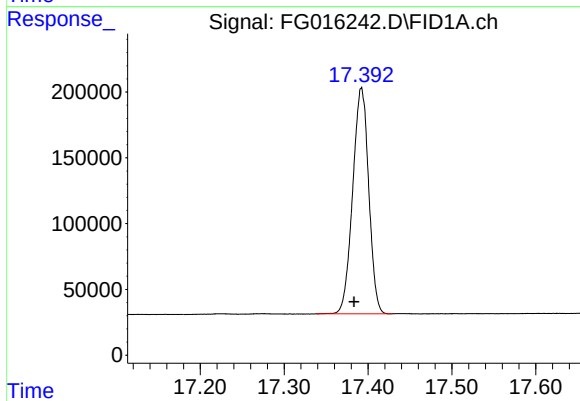
#14 n-Tetracosane (C24)

R.T.: 15.407 min
Delta R.T.: 0.005 min
Response: 2378870
Conc: 20.63 ug/ml



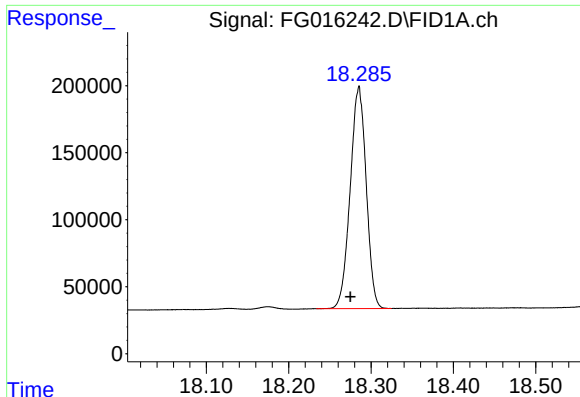
#15 n-Hexacosane (C26)

R.T.: 16.435 min
Delta R.T.: 0.007 min
Response: 2351173
Conc: 20.43 ug/ml



#16 n-Octacosane (C28)

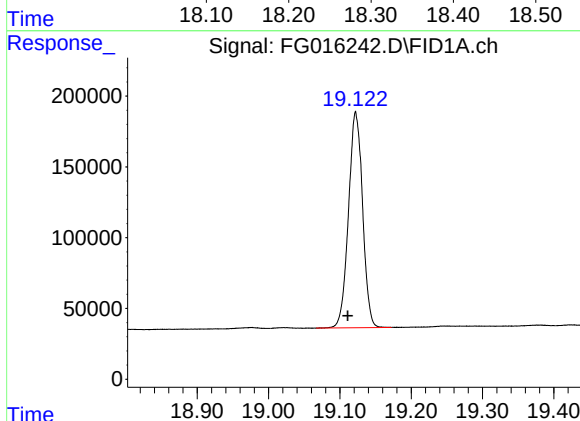
R.T.: 17.392 min
Delta R.T.: 0.009 min
Response: 2277720
Conc: 20.07 ug/ml



#17 n-Tricontane (C30)

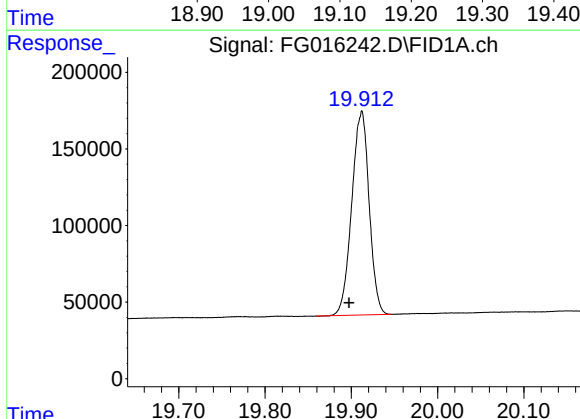
R.T.: 18.285 min
Delta R.T.: 0.010 min
Response: 2237834
Conc: 19.55 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



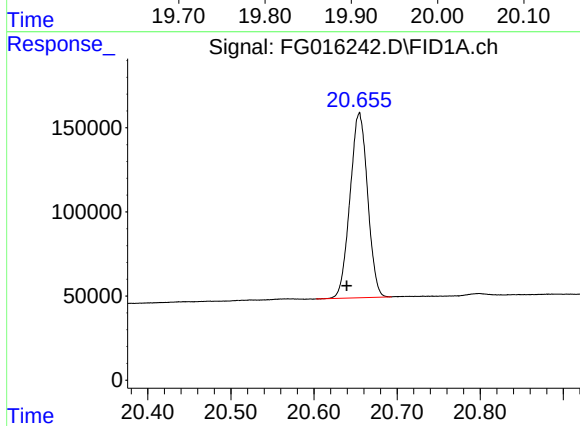
#18 n-Dotriacontane (C32)

R.T.: 19.122 min
Delta R.T.: 0.011 min
Response: 2093038
Conc: 19.20 ug/ml



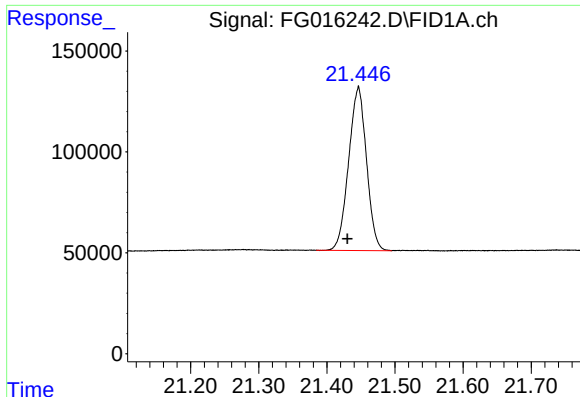
#19 n-Tetratriacontane (C34)

R.T.: 19.912 min
Delta R.T.: 0.015 min
Response: 1862300
Conc: 18.82 ug/ml



#20 n-Hexatriacontane (C36)

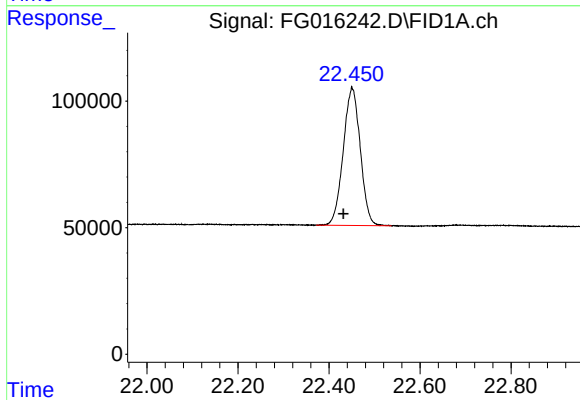
R.T.: 20.654 min
Delta R.T.: 0.015 min
Response: 1613873
Conc: 19.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.446 min
Delta R.T.: 0.016 min
Response: 1474837
Conc: 19.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.451 min
Delta R.T.: 0.019 min
Response: 1415654
Conc: 20.47 ug/ml