

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG093025AL\
 Data File : FG016698.D
 Signal(s) : FID1A.ch
 Acq On : 30 Sep 2025 14:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 01 01:06:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:20:58 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)	12.054	2928488	20.531 ug/ml
Spiked Amount 50.000		Recovery =	41.06%
12) S 1-chlorooctadecane (S...	13.499	2280234	20.202 ug/ml
Spiked Amount 50.000		Recovery =	40.40%
Target Compounds			
1) T n-Nonane (C9)	3.376	2356819	20.768 ug/ml
2) T n-Decane (C10)	4.638	2408756	20.827 ug/ml
3) T A~Naphthalene (C11.7)	6.356	2540919	20.609 ug/ml
4) T n-Dodecane (C12)	6.819	2438992	20.779 ug/ml
5) T A~2-methylnaphthalene...	7.458	2398815	20.738 ug/ml
6) T n-Tetradecane (C14)	8.659	2444473	20.836 ug/ml
7) T n-Hexadecane (C16)	10.277	2592435	20.923 ug/ml
8) T n-Octadecane (C18)	11.731	2689680	20.662 ug/ml
10) T n-Eicosane (C20)	13.051	2639030	20.414 ug/ml
11) T n-Heneicosane (C21)	13.667	2610461	20.328 ug/ml
13) T n-Docosane (C22)	14.258	2628287	20.383 ug/ml
14) T n-Tetracosane (C24)	15.369	2678705	20.539 ug/ml
15) T n-Hexacosane (C26)	16.398	2632792	20.395 ug/ml
16) T n-Octacosane (C28)	17.353	2607170	20.544 ug/ml
17) T n-Tricontane (C30)	18.247	2744903	21.452 ug/ml
18) T n-Dotriacontane (C32)	19.085	2724992	22.250 ug/ml
19) T n-Tetratriacontane (C34)	19.872	2396930	22.064 ug/ml
20) T n-Hexatriacontane (C36)	20.616	1968084	21.658 ug/ml
21) T n-Octatriacontane (C38)	21.397	1701757	20.895 ug/ml
22) T n-Tetracontane (C40)	22.387	1544172	20.018 ug/ml

(f)=RT Delta > 1/2 Window

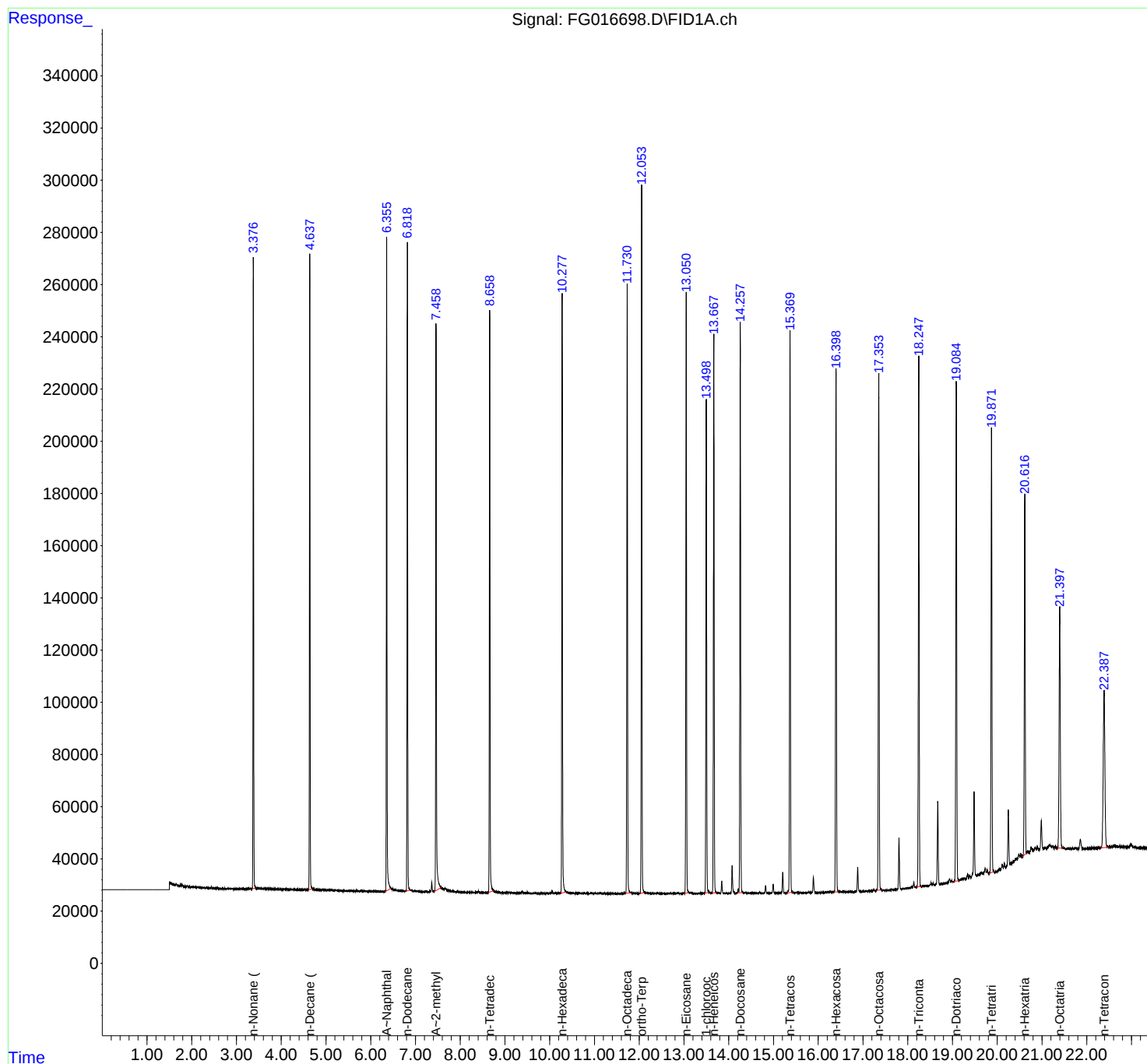
(m)=manual int.

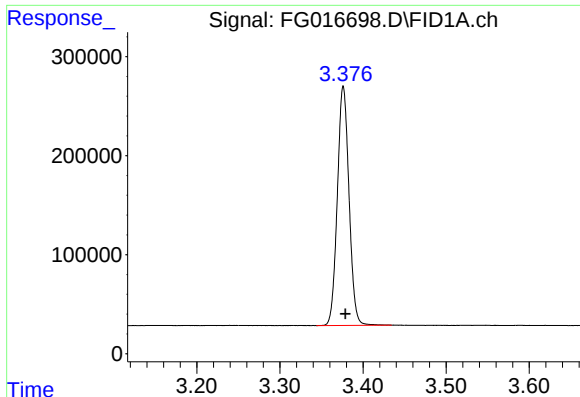
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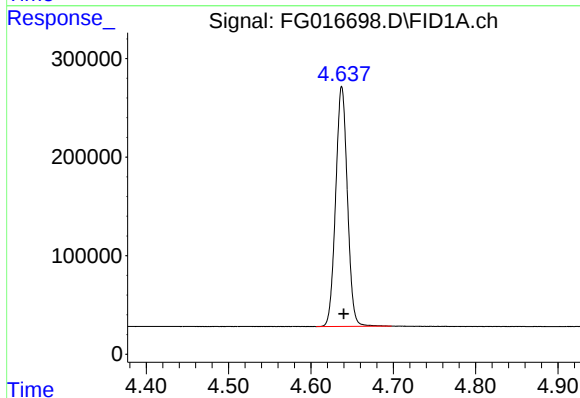




#1 n-Nonane (C9)

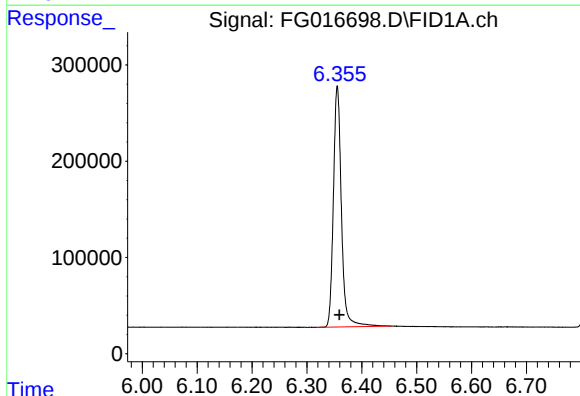
R.T.: 3.376 min
Delta R.T.: -0.003 min
Response: 2356819
Conc: 20.77 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



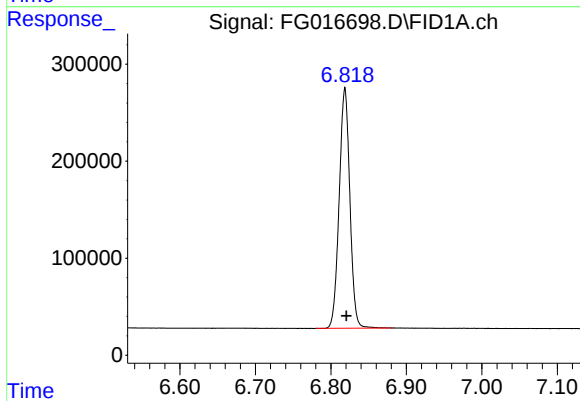
#2 n-Decane (C10)

R.T.: 4.638 min
Delta R.T.: -0.002 min
Response: 2408756
Conc: 20.83 ug/ml



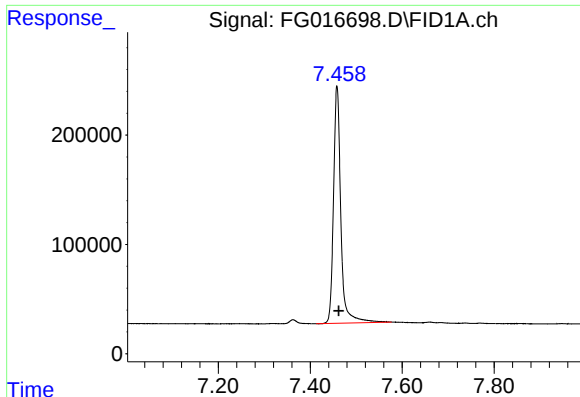
#3 A~Naphthalene (C11.7)

R.T.: 6.356 min
Delta R.T.: -0.004 min
Response: 2540919
Conc: 20.61 ug/ml



#4 n-Dodecane (C12)

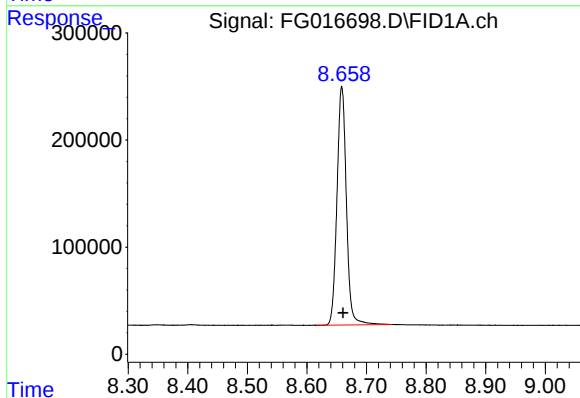
R.T.: 6.819 min
Delta R.T.: -0.002 min
Response: 2438992
Conc: 20.78 ug/ml



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

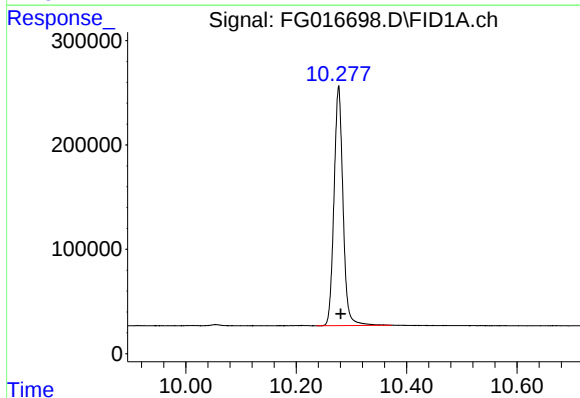
R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 2398815
Conc: 20.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



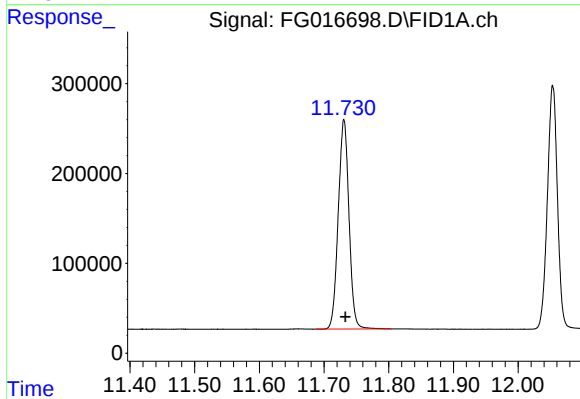
#6 n-Tetradecane (C14)

R.T.: 8.659 min
Delta R.T.: -0.002 min
Response: 2444473
Conc: 20.84 ug/ml



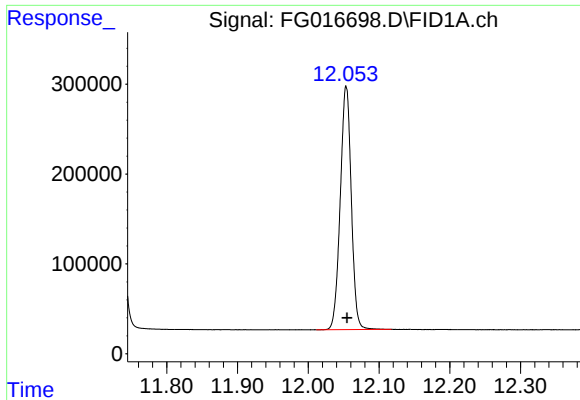
#7 n-Hexadecane (C16)

R.T.: 10.277 min
Delta R.T.: -0.004 min
Response: 2592435
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

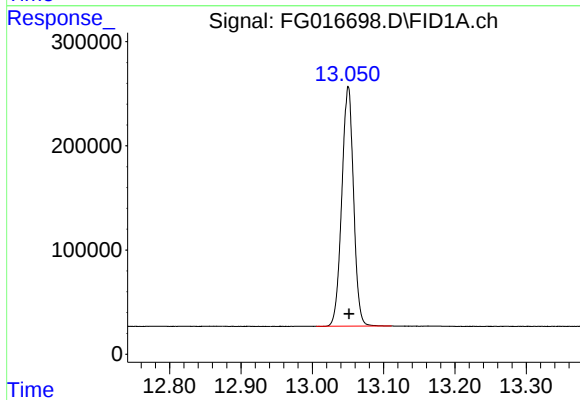
R.T.: 11.731 min
Delta R.T.: -0.002 min
Response: 2689680
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

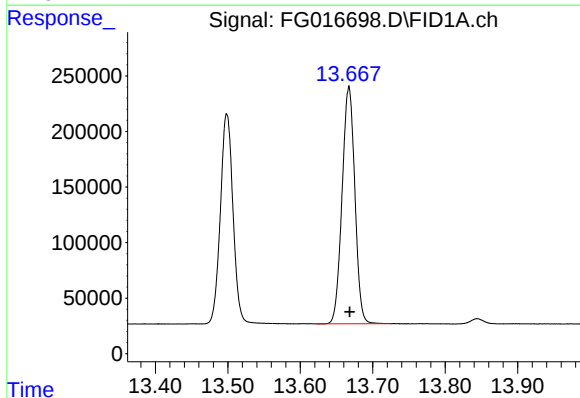
R.T.: 12.054 min
Delta R.T.: -0.001 min
Response: 2928488
Conc: 20.53 ug/ml

Instrument :
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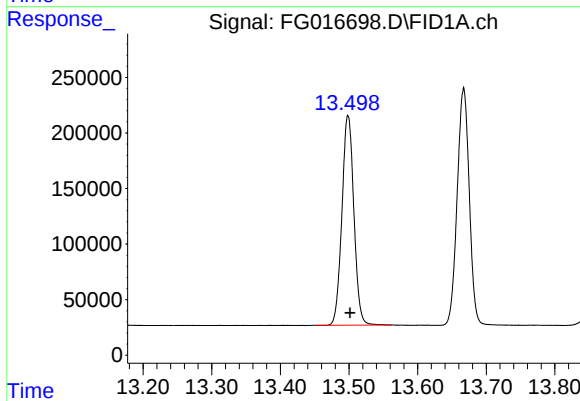
#10 n-Eicosane (C20)

R.T.: 13.051 min
Delta R.T.: 0.000 min
Response: 2639030
Conc: 20.41 ug/ml



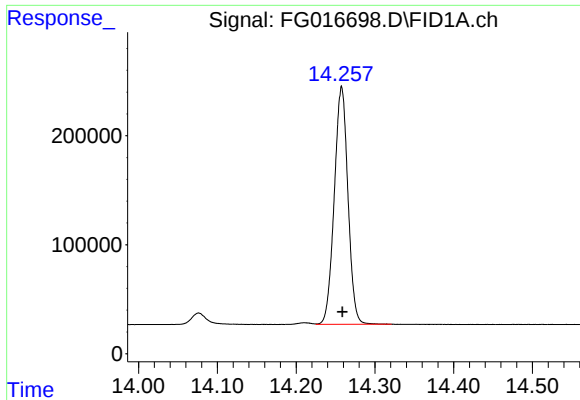
#11 n-Heneicosane (C21)

R.T.: 13.667 min
Delta R.T.: -0.001 min
Response: 2610461
Conc: 20.33 ug/ml



#12 1-chlorooctadecane (SURR)

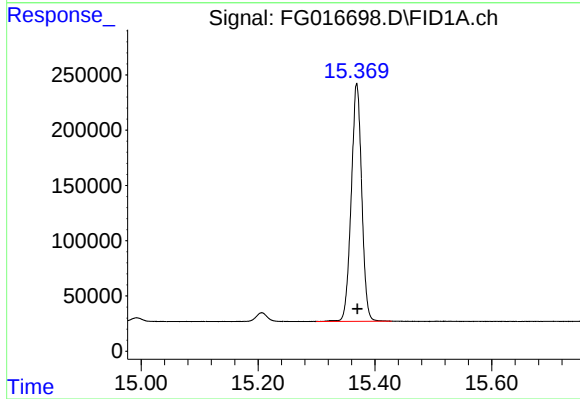
R.T.: 13.499 min
Delta R.T.: -0.003 min
Response: 2280234
Conc: 20.20 ug/ml



#13 n-Docosane (C22)

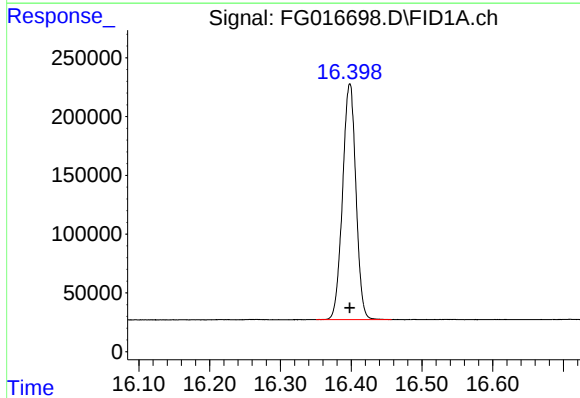
R.T.: 14.258 min
Delta R.T.: -0.001 min
Response: 2628287
Conc: 20.38 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



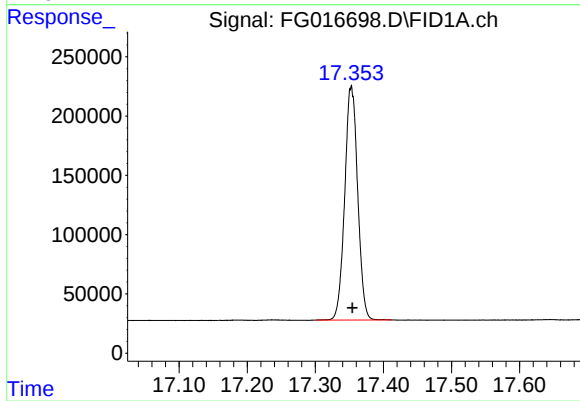
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: -0.001 min
Response: 2678705
Conc: 20.54 ug/ml



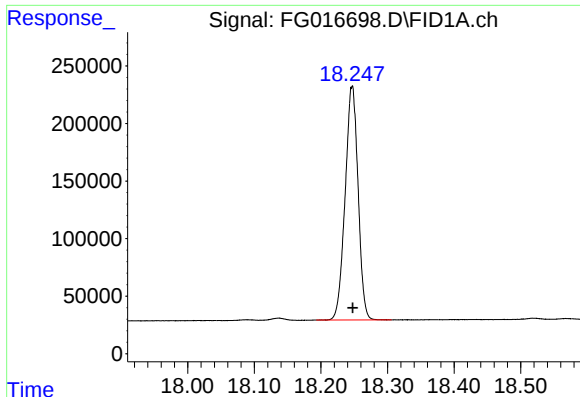
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 2632792
Conc: 20.40 ug/ml



#16 n-Octacosane (C28)

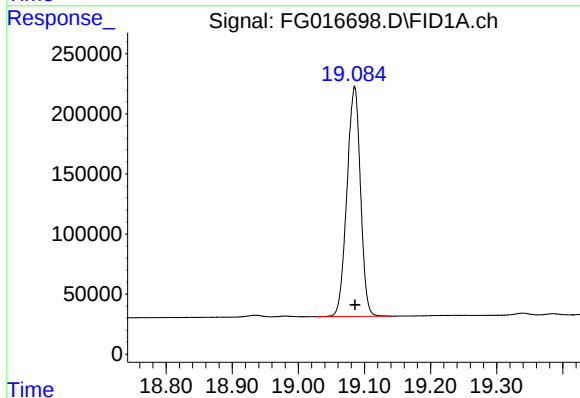
R.T.: 17.353 min
Delta R.T.: -0.002 min
Response: 2607170
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

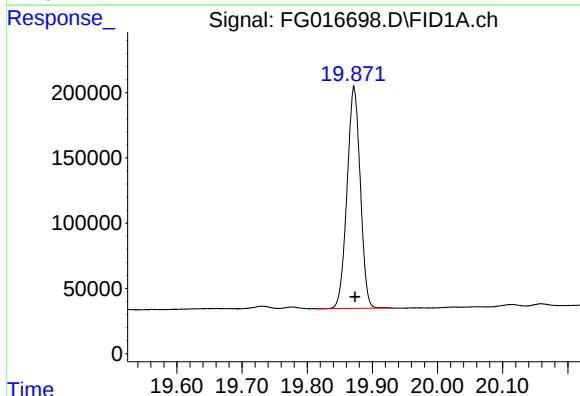
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 2744903
Conc: 21.45 ug/ml

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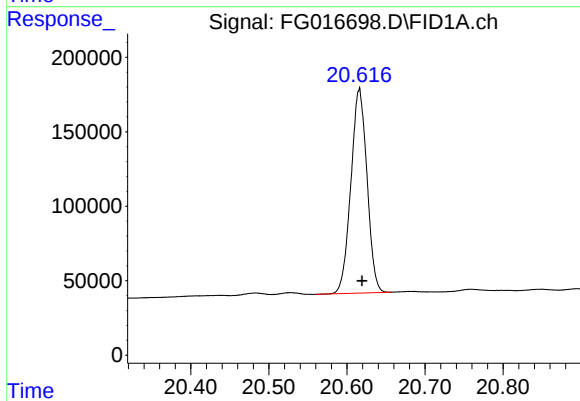
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.000 min
Response: 2724992
Conc: 22.25 ug/ml



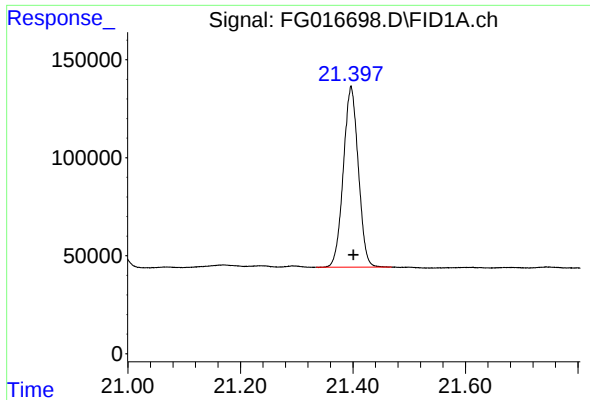
#19 n-Tetratriacontane (C34)

R.T.: 19.872 min
Delta R.T.: -0.002 min
Response: 2396930
Conc: 22.06 ug/ml



#20 n-Hexatriacontane (C36)

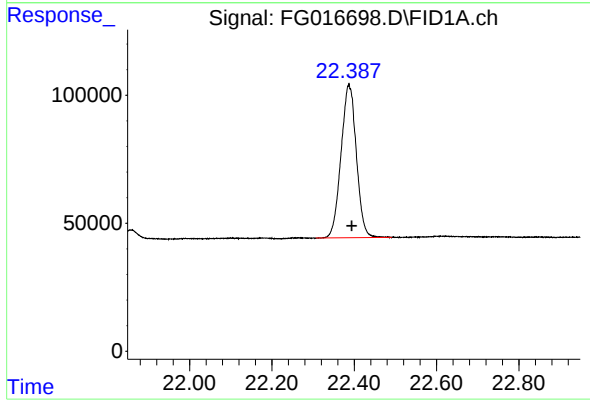
R.T.: 20.616 min
Delta R.T.: -0.003 min
Response: 1968084
Conc: 21.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: -0.004 min
Response: 1701757
Conc: 20.90 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: -0.007 min
Response: 1544172
Conc: 20.02 ug/ml