

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG063025AL\
 Data File : FG016170.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2025 10:11
 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: Jun 30 10:56:30 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)	12.091	2733561	21.186 ug/ml
Spiked Amount 50.000		Recovery =	42.37%
12) S 1-chlorooctadecane (S...	13.535	2114671	20.986 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
Target Compounds			
1) T n-Nonane (C9)	3.415	2236533	20.671 ug/ml
2) T n-Decane (C10)	4.676	2285902	20.839 ug/ml
3) T A~Naphthalene (C11.7)	6.391	2501414	20.936 ug/ml
4) T n-Dodecane (C12)	6.854	2311997	20.997 ug/ml
5) T A~2-methylnaphthalene...	7.493	2446301	21.033 ug/ml
6) T n-Tetradecane (C14)	8.694	2320882	21.134 ug/ml
7) T n-Hexadecane (C16)	10.313	2407782	21.152 ug/ml
8) T n-Octadecane (C18)	11.767	2460917	21.139 ug/ml
10) T n-Eicosane (C20)	13.087	2407336	21.152 ug/ml
11) T n-Heneicosane (C21)	13.703	2389814	21.109 ug/ml
13) T n-Docosane (C22)	14.293	2406245	21.167 ug/ml
14) T n-Tetracosane (C24)	15.403	2451119	21.257 ug/ml
15) T n-Hexacosane (C26)	16.432	2439260	21.197 ug/ml
16) T n-Octacosane (C28)	17.387	2436077	21.465 ug/ml
17) T n-Tricontane (C30)	18.279	2532630	22.121 ug/ml
18) T n-Dotriacontane (C32)	19.116	2417773	22.175 ug/ml
19) T n-Tetratriacontane (C34)	19.904	2130149	21.531 ug/ml
20) T n-Hexatriacontane (C36)	20.647	1786790	21.051 ug/ml
21) T n-Octatriacontane (C38)	21.435	1570475	20.803 ug/ml
22) T n-Tetracontane (C40)	22.435	1437400	20.787 ug/ml

(f)=RT Delta > 1/2 Window

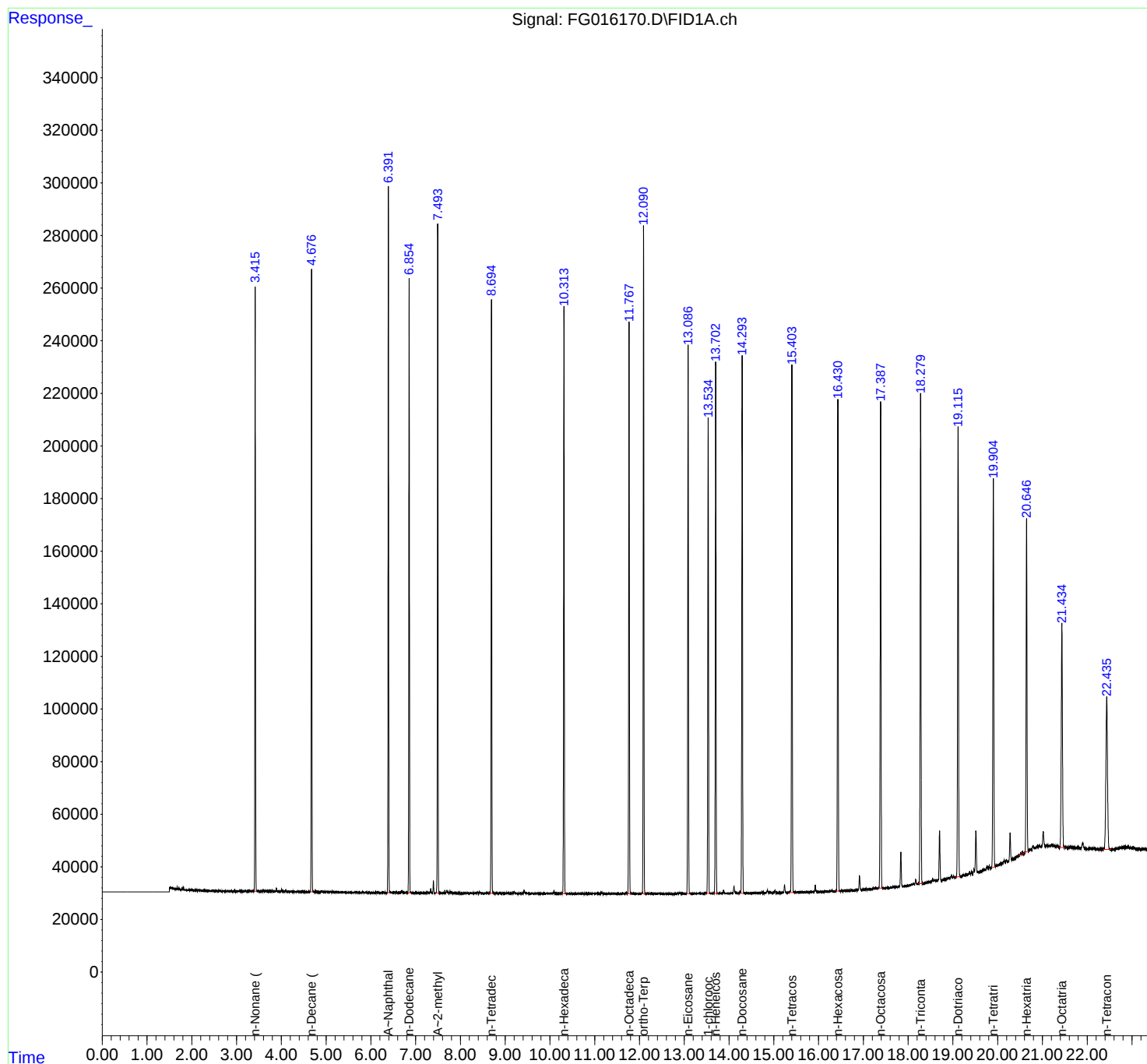
(m)=manual int.

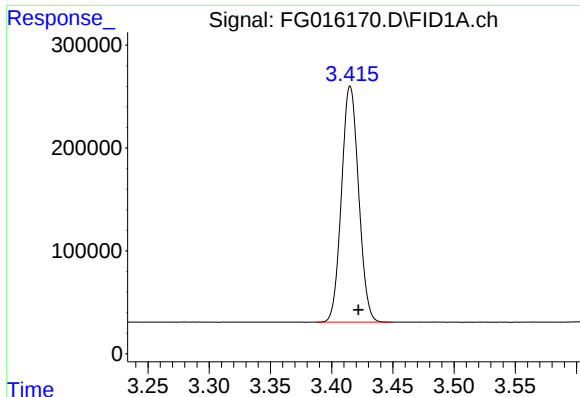
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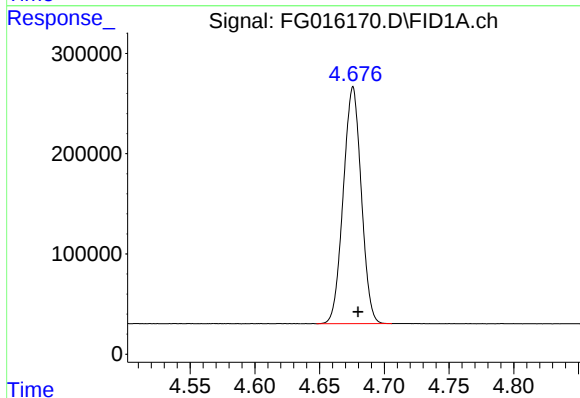




#1 n-Nonane (C9)

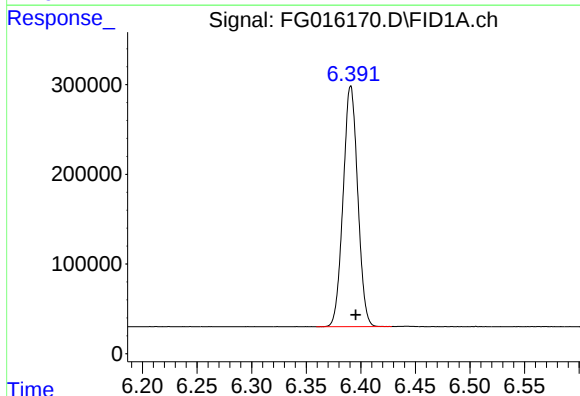
R.T.: 3.415 min
Delta R.T.: -0.007 min
Response: 2236533
Conc: 20.67 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



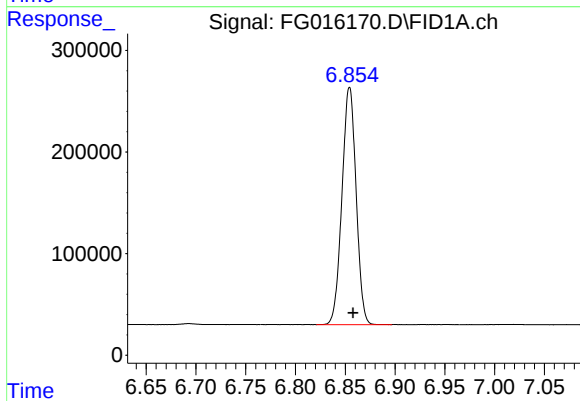
#2 n-Decane (C10)

R.T.: 4.676 min
Delta R.T.: -0.004 min
Response: 2285902
Conc: 20.84 ug/ml



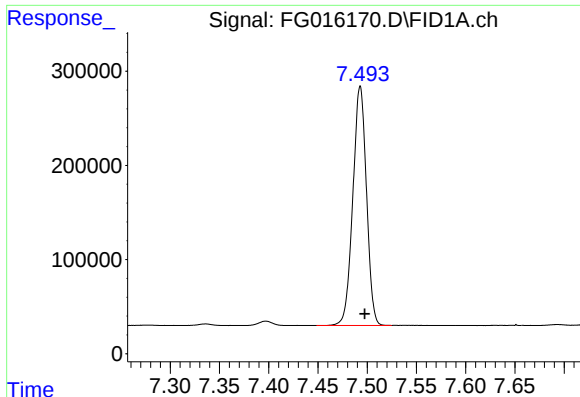
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: -0.005 min
Response: 2501414
Conc: 20.94 ug/ml



#4 n-Dodecane (C12)

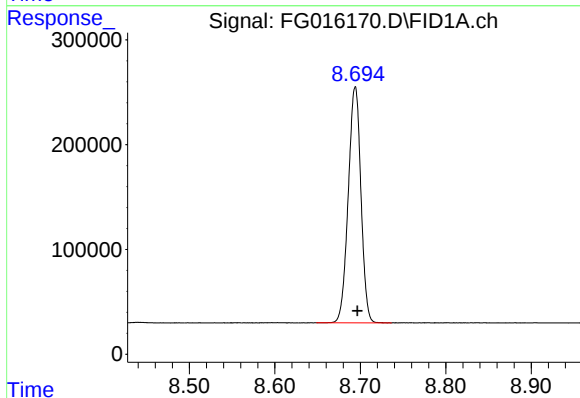
R.T.: 6.854 min
Delta R.T.: -0.004 min
Response: 2311997
Conc: 21.00 ug/ml



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

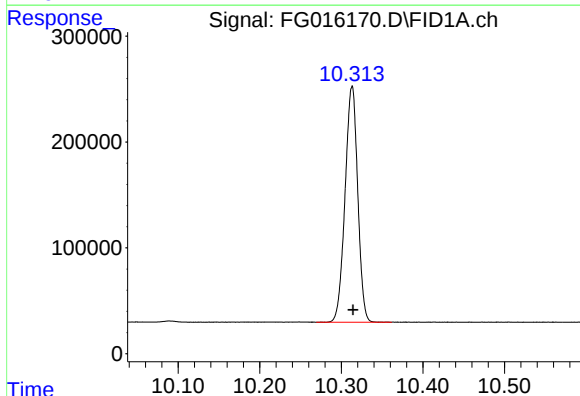
R.T.: 7.493 min
Delta R.T.: -0.004 min
Response: 2446301
Conc: 21.03 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



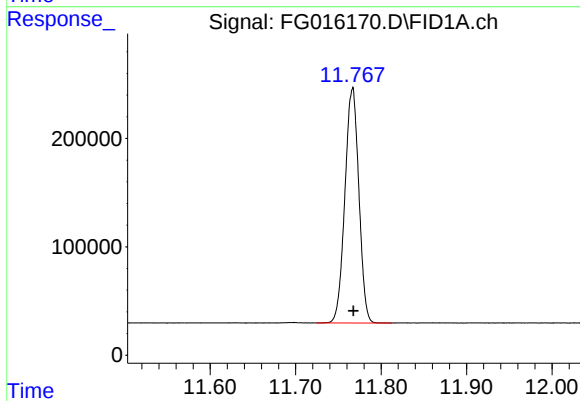
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: -0.003 min
Response: 2320882
Conc: 21.13 ug/ml



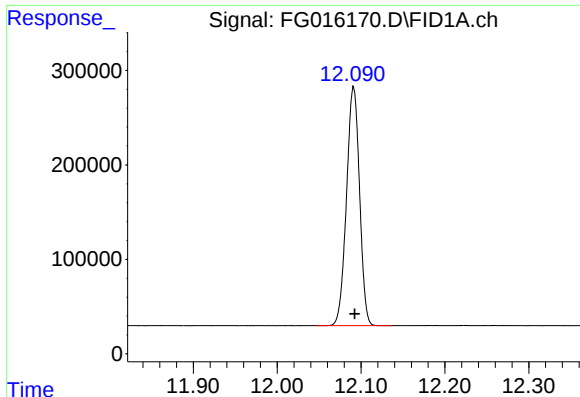
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: -0.001 min
Response: 2407782
Conc: 21.15 ug/ml



#8 n-Octadecane (C18)

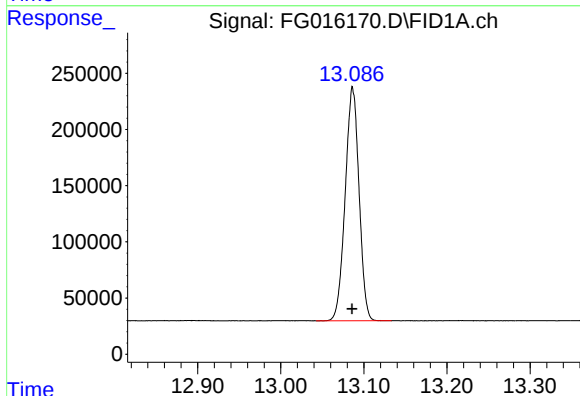
R.T.: 11.767 min
Delta R.T.: 0.000 min
Response: 2460917
Conc: 21.14 ug/ml



#9 ortho-Terphenyl (SURR)

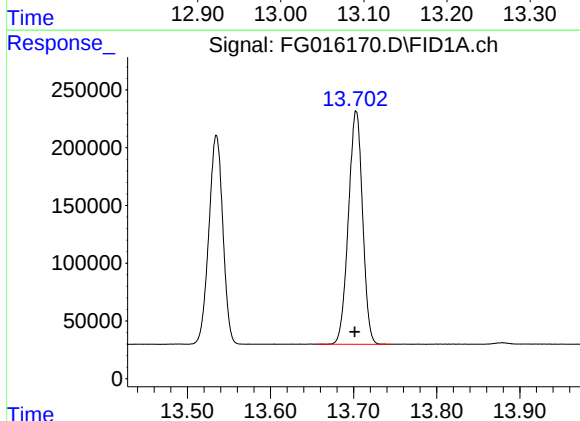
R.T.: 12.091 min
Delta R.T.: -0.001 min
Response: 2733561
Conc: 21.19 ug/ml

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20 PPM ALIPHATIC HC STD



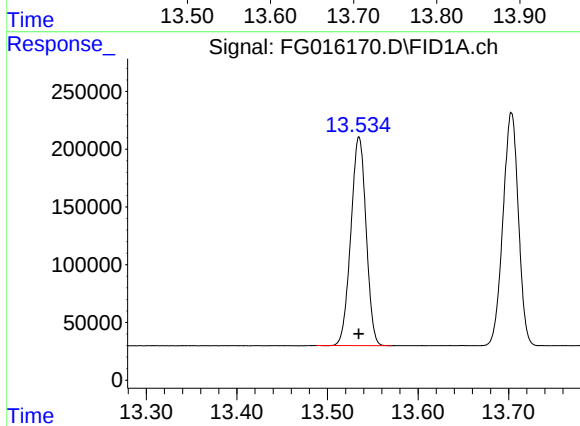
#10 n-Eicosane (C20)

R.T.: 13.087 min
Delta R.T.: 0.000 min
Response: 2407336
Conc: 21.15 ug/ml



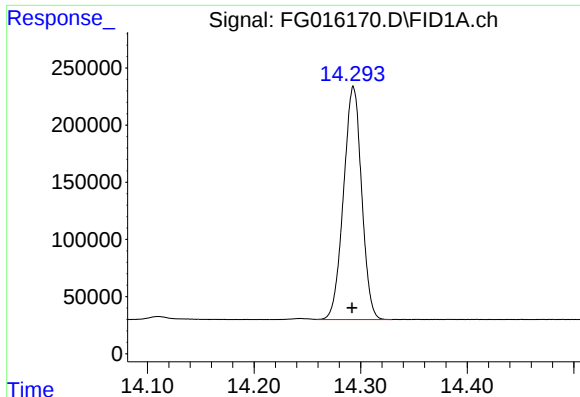
#11 n-Heneicosane (C21)

R.T.: 13.703 min
Delta R.T.: 0.002 min
Response: 2389814
Conc: 21.11 ug/ml



#12 1-chlorooctadecane (SURR)

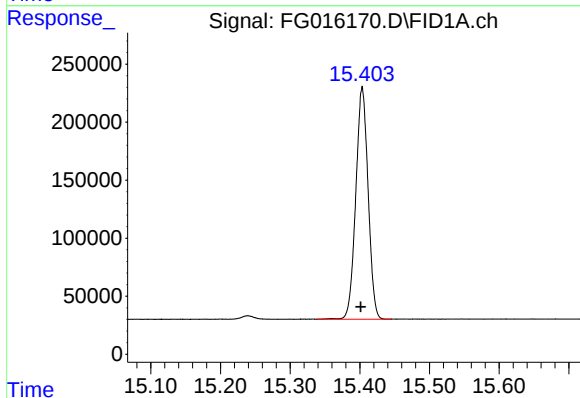
R.T.: 13.535 min
Delta R.T.: 0.000 min
Response: 2114671
Conc: 20.99 ug/ml



#13 n-Docosane (C22)

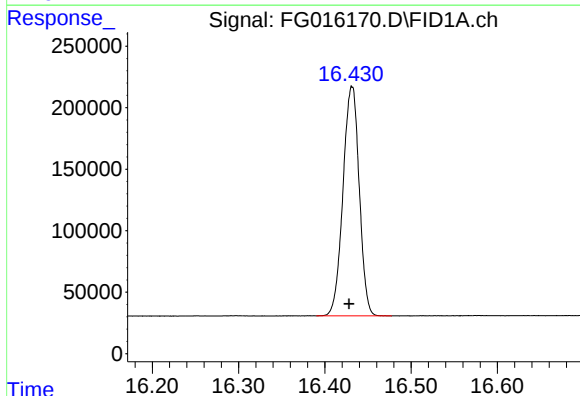
R.T.: 14.293 min
Delta R.T.: 0.001 min
Response: 2406245
Conc: 21.17 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



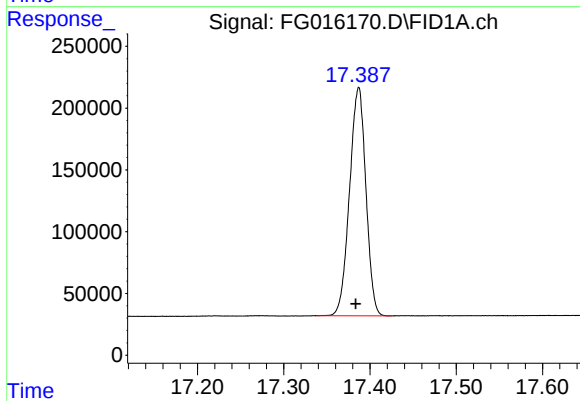
#14 n-Tetracosane (C24)

R.T.: 15.403 min
Delta R.T.: 0.002 min
Response: 2451119
Conc: 21.26 ug/ml



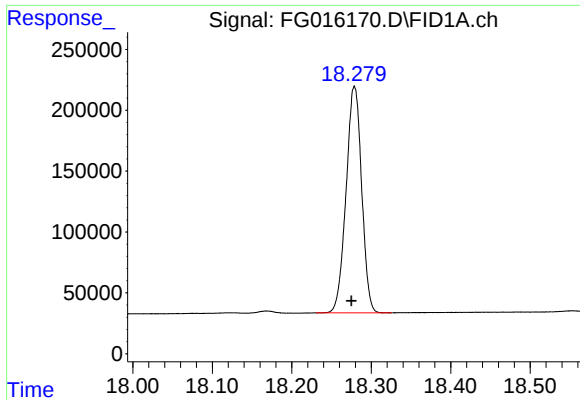
#15 n-Hexacosane (C26)

R.T.: 16.432 min
Delta R.T.: 0.004 min
Response: 2439260
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

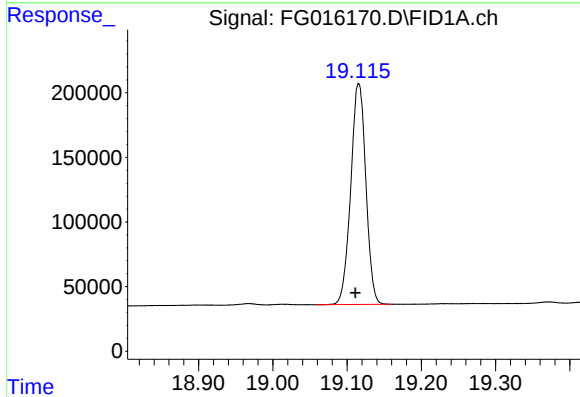
R.T.: 17.387 min
Delta R.T.: 0.004 min
Response: 2436077
Conc: 21.46 ug/ml



#17 n-Tricontane (C30)

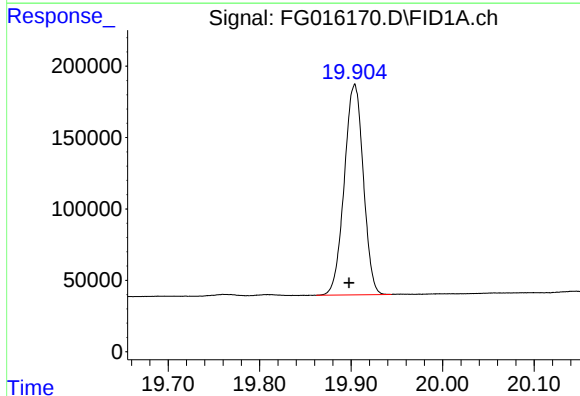
R.T.: 18.279 min
Delta R.T.: 0.004 min
Response: 2532630
Conc: 22.12 ug/ml

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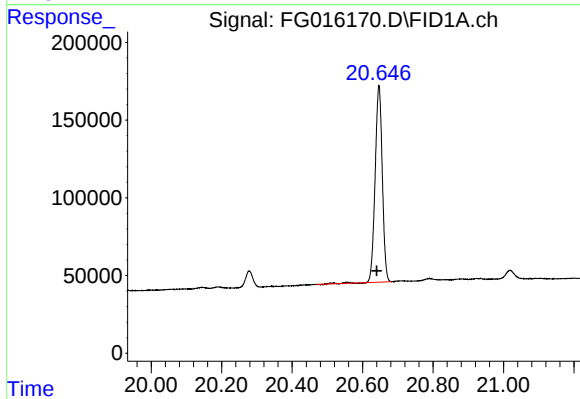
#18 n-Dotriacontane (C32)

R.T.: 19.116 min
Delta R.T.: 0.005 min
Response: 2417773
Conc: 22.18 ug/ml



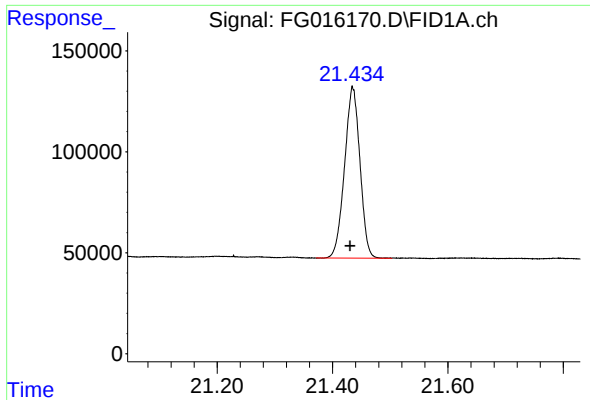
#19 n-Tetratriacontane (C34)

R.T.: 19.904 min
Delta R.T.: 0.006 min
Response: 2130149
Conc: 21.53 ug/ml



#20 n-Hexatriacontane (C36)

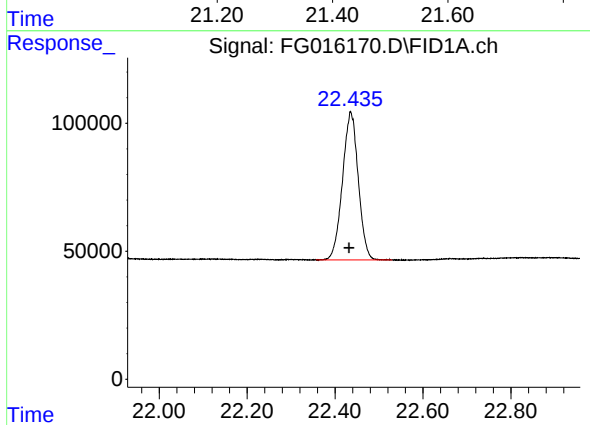
R.T.: 20.647 min
Delta R.T.: 0.007 min
Response: 1786790
Conc: 21.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.435 min
Delta R.T.: 0.005 min
Response: 1570475
Conc: 20.80 ug/ml

Instrument :
FID_G
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.435 min
Delta R.T.: 0.004 min
Response: 1437400
Conc: 20.79 ug/ml