

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100825AL\
 Data File : FG016771.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2025 08:14
 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: sample.E
 Quant Time: Oct 08 11:21:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:11:55 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	2828896	18.115 ug/ml
Spiked Amount 50.000		Recovery =	36.23%
12) S 1-chlorooctadecane (S...	13.500	2182219	17.844 ug/ml
Spiked Amount 50.000		Recovery =	35.69%
Target Compounds			
1) T n-Nonane (C9)	3.375	2282428	18.398 ug/ml
2) T n-Decane (C10)	4.636	2366505	18.703 ug/ml
3) T A~Naphthalene (C11.7)	6.355	2487137	18.754 ug/ml
4) T n-Dodecane (C12)	6.817	2405892	18.809 ug/ml
5) T A~2-methylnaphthalene...	7.459	2334827	18.953 ug/ml
6) T n-Tetradecane (C14)	8.658	2380387	18.850 ug/ml
7) T n-Hexadecane (C16)	10.277	2491203	18.693 ug/ml
8) T n-Octadecane (C18)	11.731	2591135	18.421 ug/ml
10) T n-Eicosane (C20)	13.050	2540493	18.068 ug/ml
11) T n-Heneicosane (C21)	13.666	2502445	17.942 ug/ml
13) T n-Docosane (C22)	14.258	2519561	17.733 ug/ml
14) T n-Tetracosane (C24)	15.368	2564800	17.323 ug/ml
15) T n-Hexacosane (C26)	16.396	2498707	16.800 ug/ml
16) T n-Octacosane (C28)	17.353	2473785	16.768 ug/ml
17) T n-Tricontane (C30)	18.247	2586027	17.383 ug/ml
18) T n-Dotriacontane (C32)	19.084	2586640	18.247 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2266896	18.259 ug/ml
20) T n-Hexatriacontane (C36)	20.617	1931024	18.733 ug/ml
21) T n-Octatriacontane (C38)	21.396	1657946	18.216 ug/ml
22) T n-Tetracontane (C40)	22.387	1597522	19.032 ug/ml

(f)=RT Delta > 1/2 Window

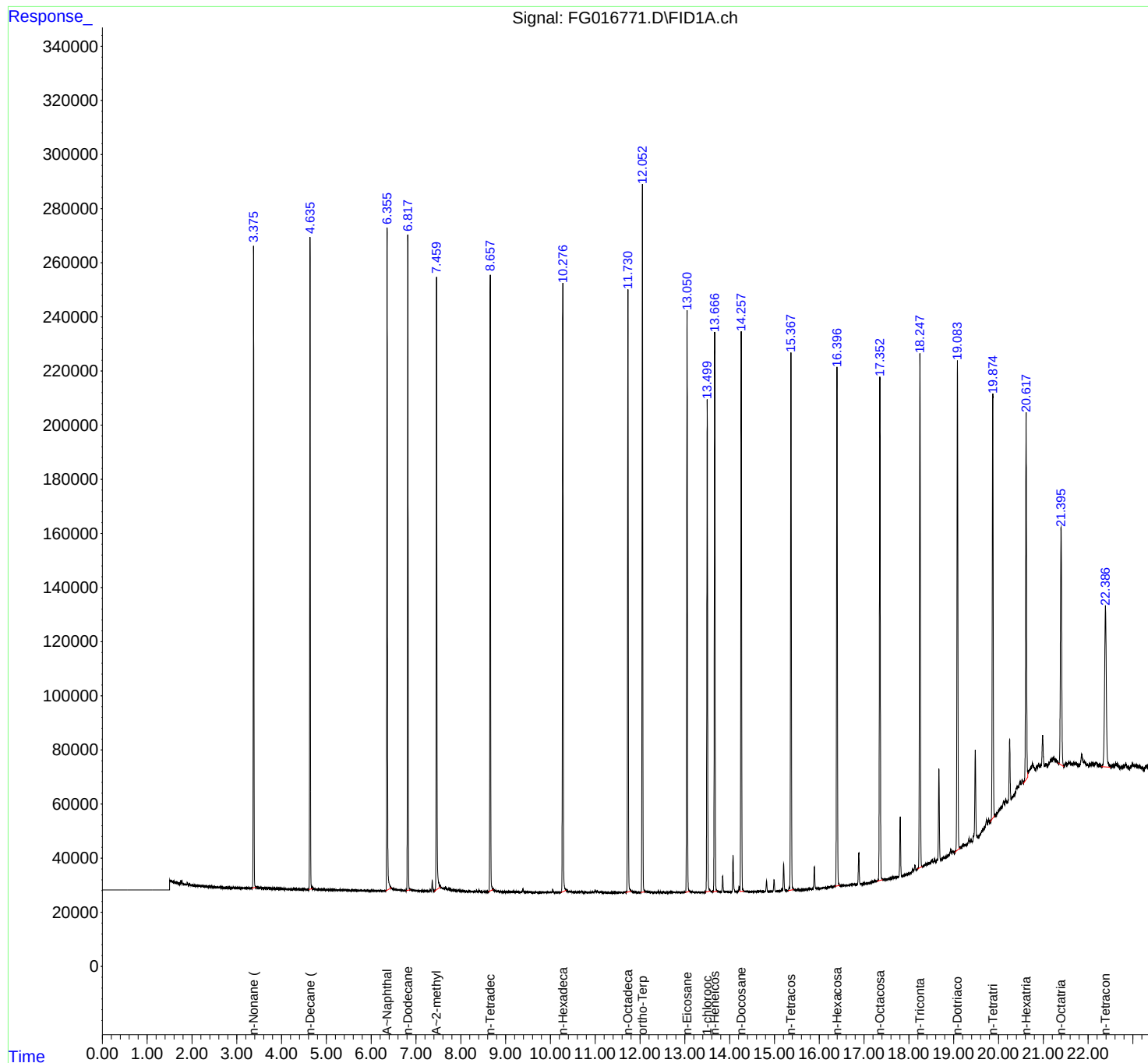
(m)=manual int.

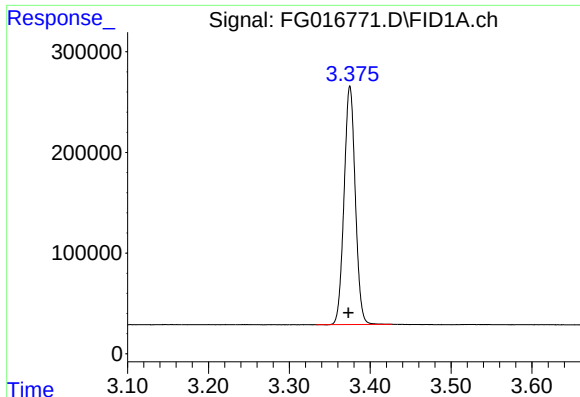
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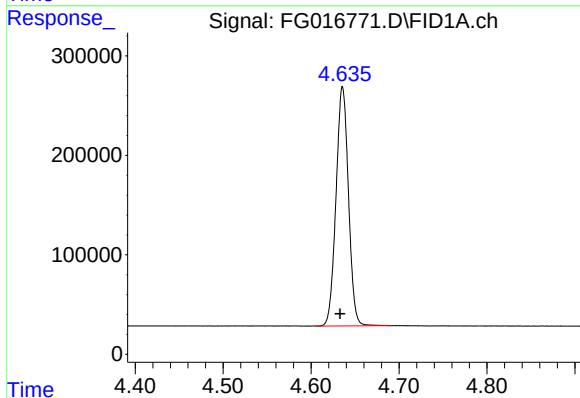




#1 n-Nonane (C9)

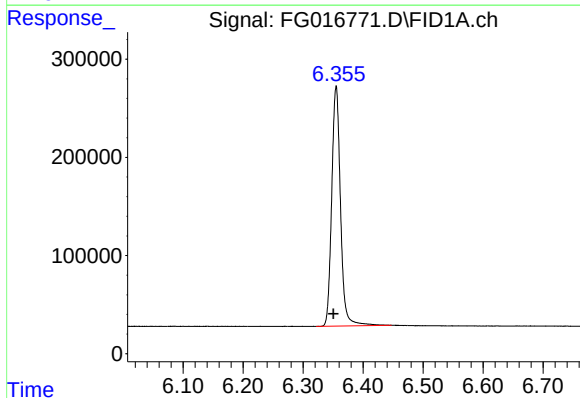
R.T.: 3.375 min
Delta R.T.: 0.002 min
Response: 2282428
Conc: 18.40 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD



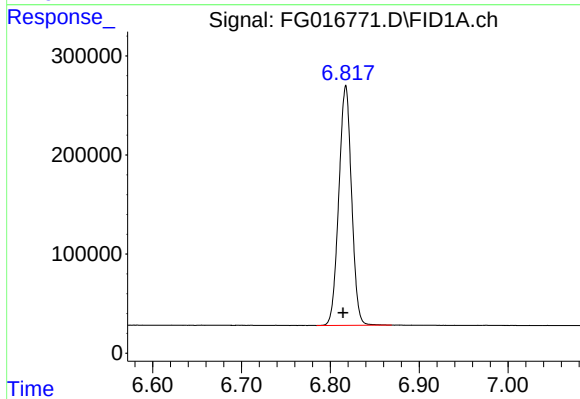
#2 n-Decane (C10)

R.T.: 4.636 min
Delta R.T.: 0.003 min
Response: 2366505
Conc: 18.70 ug/ml



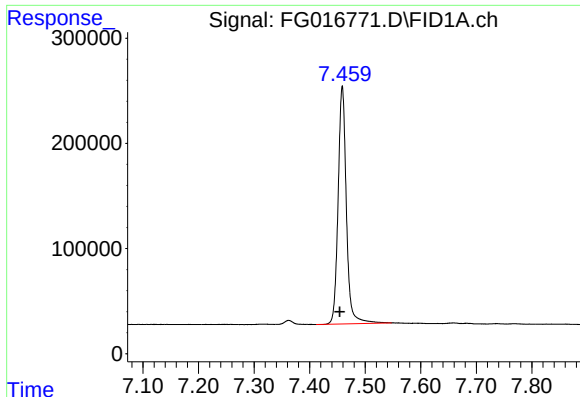
#3 A~Naphthalene (C11.7)

R.T.: 6.355 min
Delta R.T.: 0.005 min
Response: 2487137
Conc: 18.75 ug/ml



#4 n-Dodecane (C12)

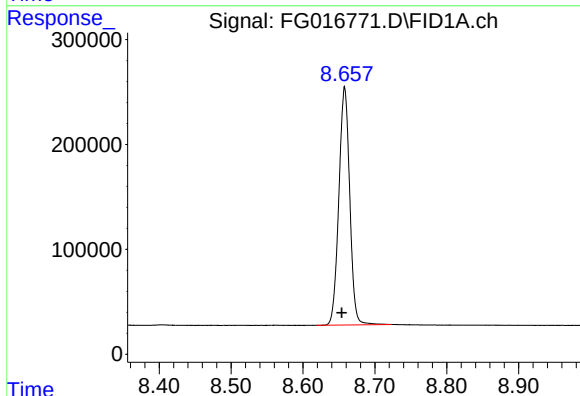
R.T.: 6.817 min
Delta R.T.: 0.003 min
Response: 2405892
Conc: 18.81 ug/ml



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

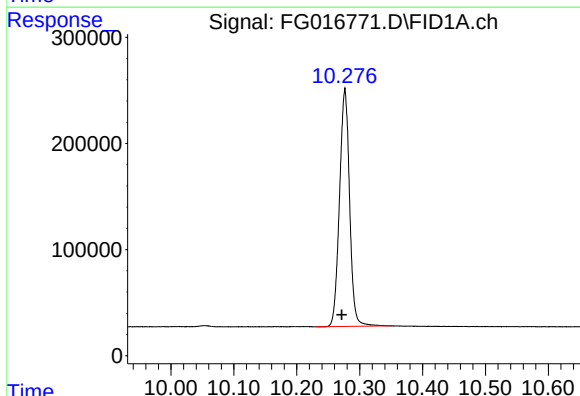
R.T.: 7.459 min
Delta R.T.: 0.005 min
Response: 2334827
Conc: 18.95 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



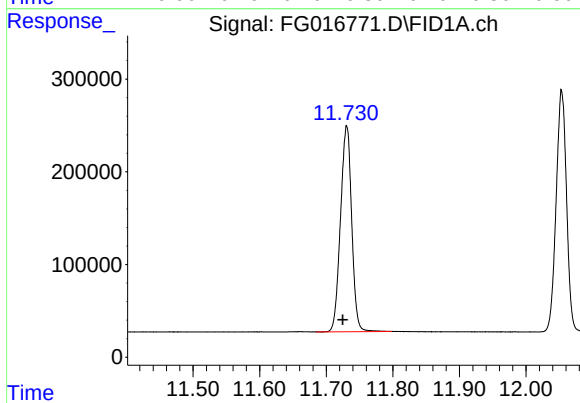
#6 n-Tetradecane (C14)

R.T.: 8.658 min
Delta R.T.: 0.004 min
Response: 2380387
Conc: 18.85 ug/ml



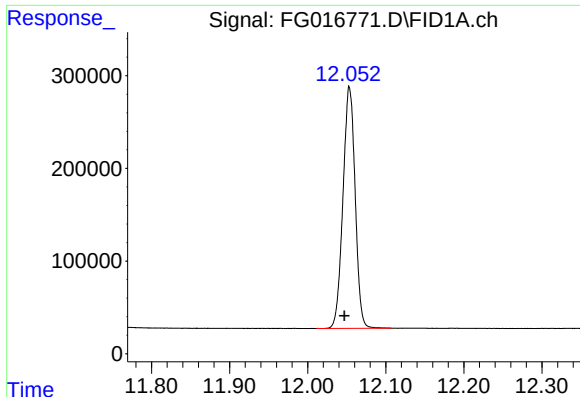
#7 n-Hexadecane (C16)

R.T.: 10.277 min
Delta R.T.: 0.005 min
Response: 2491203
Conc: 18.69 ug/ml



#8 n-Octadecane (C18)

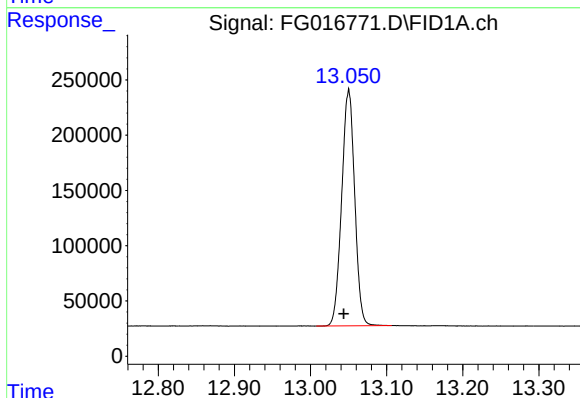
R.T.: 11.731 min
Delta R.T.: 0.006 min
Response: 2591135
Conc: 18.42 ug/ml



#9 ortho-Terphenyl (SURR)

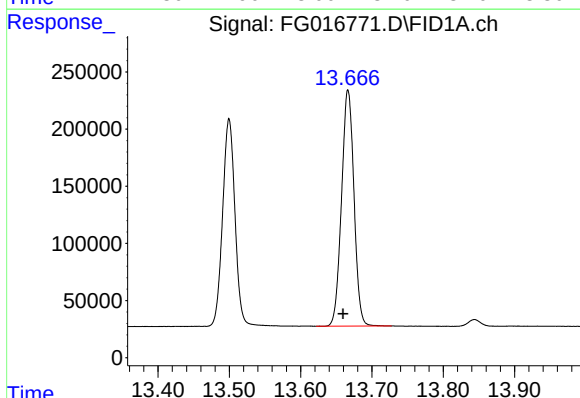
R.T.: 12.054 min
Delta R.T.: 0.007 min
Response: 2828896
Conc: 18.12 ug/ml

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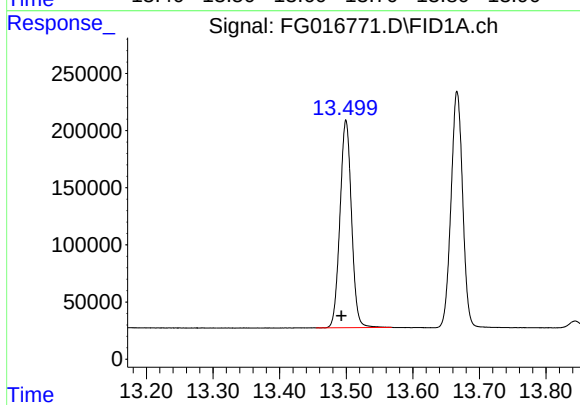
#10 n-Eicosane (C20)

R.T.: 13.050 min
Delta R.T.: 0.006 min
Response: 2540493
Conc: 18.07 ug/ml



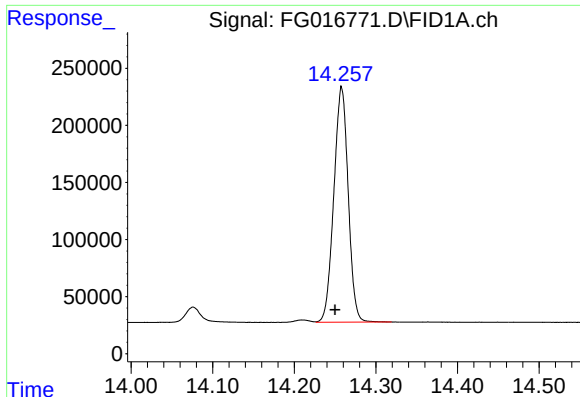
#11 n-Heneicosane (C21)

R.T.: 13.666 min
Delta R.T.: 0.007 min
Response: 2502445
Conc: 17.94 ug/ml



#12 1-chlorooctadecane (SURR)

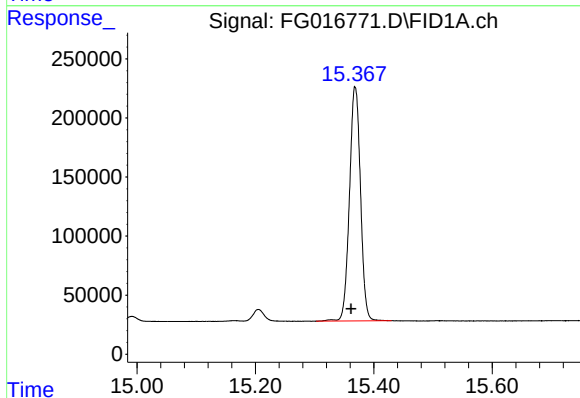
R.T.: 13.500 min
Delta R.T.: 0.007 min
Response: 2182219
Conc: 17.84 ug/ml



#13 n-Docosane (C22)

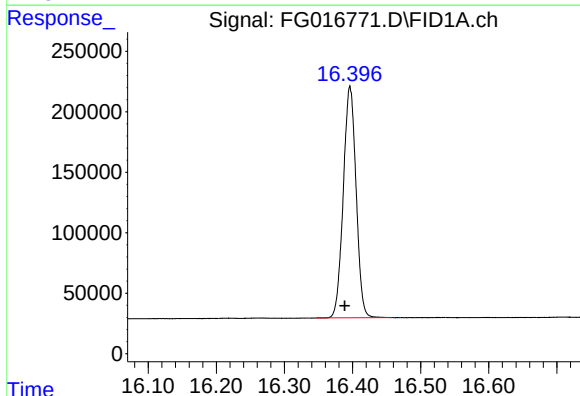
R.T.: 14.258 min
Delta R.T.: 0.008 min
Response: 2519561
Conc: 17.73 ug/ml

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20 PPM ALIPHATIC HC STD



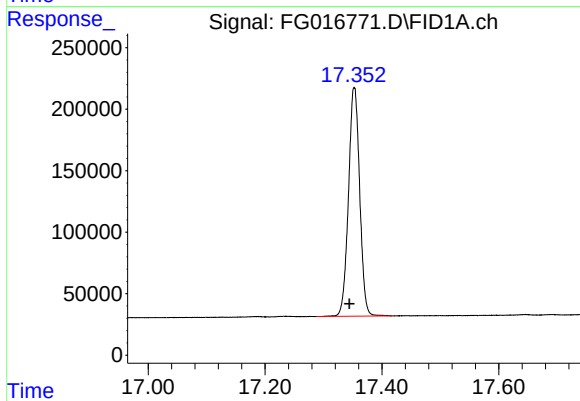
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: 0.007 min
Response: 2564800
Conc: 17.32 ug/ml



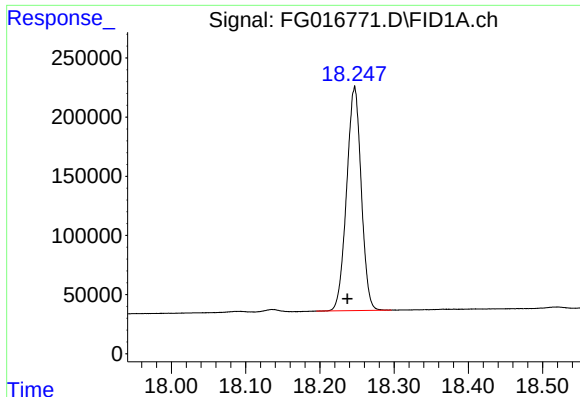
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: 0.008 min
Response: 2498707
Conc: 16.80 ug/ml



#16 n-Octacosane (C28)

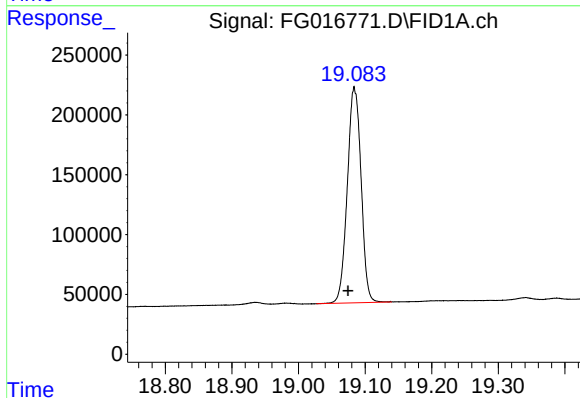
R.T.: 17.353 min
Delta R.T.: 0.009 min
Response: 2473785
Conc: 16.77 ug/ml



#17 n-Tricontane (C30)

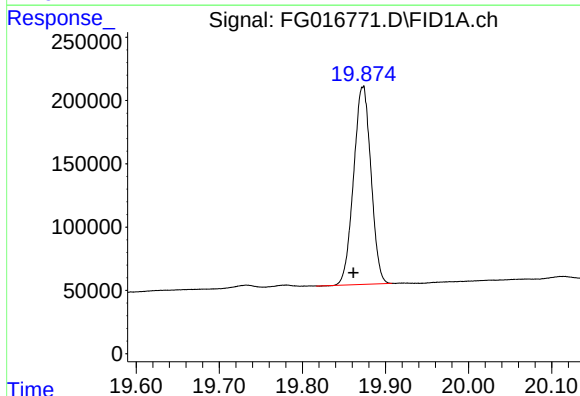
R.T.: 18.247 min
Delta R.T.: 0.010 min
Response: 2586027
Conc: 17.38 ug/ml

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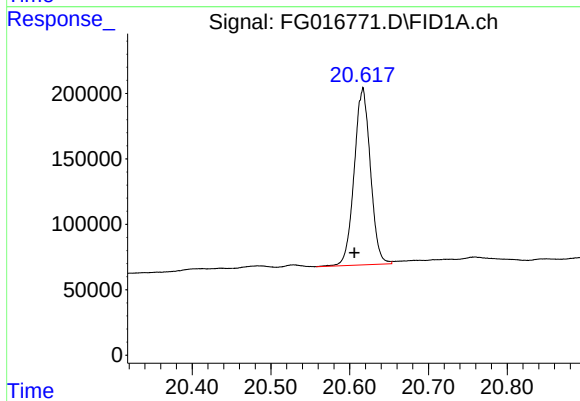
#18 n-Dotriacontane (C32)

R.T.: 19.084 min
Delta R.T.: 0.009 min
Response: 2586640
Conc: 18.25 ug/ml



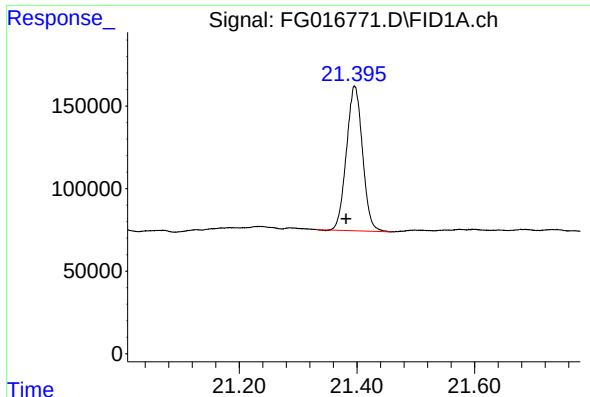
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.011 min
Response: 2266896
Conc: 18.26 ug/ml



#20 n-Hexatriacontane (C36)

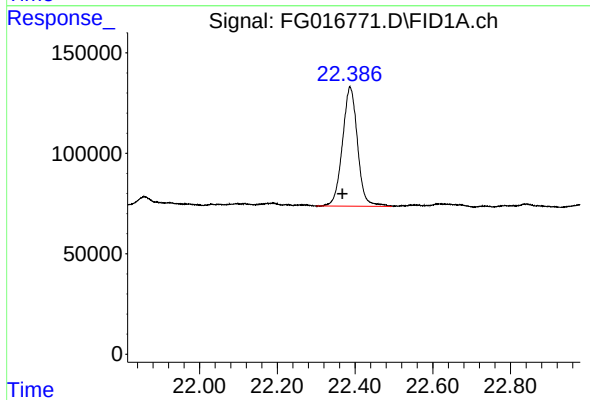
R.T.: 20.617 min
Delta R.T.: 0.011 min
Response: 1931024
Conc: 18.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.396 min
Delta R.T.: 0.014 min
Response: 1657946
Conc: 18.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: 0.020 min
Response: 1597522
Conc: 19.03 ug/ml