

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102925AL\
 Data File : FG016855.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 20:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 30 04:17:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 16:21:47 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)	12.038	2958222	18.731 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
12) S 1-chlorooctadecane (S...	13.484	2258297	18.751 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
Target Compounds			
1) T n-Nonane (C9)	3.365	2381614	19.116 ug/ml
2) T n-Decane (C10)	4.625	2425791	18.948 ug/ml
3) T A~Naphthalene (C11.7)	6.344	2489410	19.026 ug/ml
4) T n-Dodecane (C12)	6.806	2464565	18.902 ug/ml
5) T A~2-methylnaphthalene...	7.447	2310053	19.196 ug/ml
6) T n-Tetradecane (C14)	8.645	2418768	18.933 ug/ml
7) T n-Hexadecane (C16)	10.263	2520360	19.074 ug/ml
8) T n-Octadecane (C18)	11.716	2637993	18.930 ug/ml
10) T n-Eicosane (C20)	13.035	2615668	18.713 ug/ml
11) T n-Heneicosane (C21)	13.651	2608547	18.762 ug/ml
13) T n-Docosane (C22)	14.242	2594722	18.340 ug/ml
14) T n-Tetracosane (C24)	15.352	2612889	17.771 ug/ml
15) T n-Hexacosane (C26)	16.381	2589256	17.649 ug/ml
16) T n-Octacosane (C28)	17.337	2553922	17.349 ug/ml
17) T n-Tricontane (C30)	18.230	2624406	17.344 ug/ml
18) T n-Dotriacontane (C32)	19.067	2540607	17.235 ug/ml
19) T n-Tetratriacontane (C34)	19.855	2288256	17.757 ug/ml
20) T n-Hexatriacontane (C36)	20.600	1928996	18.637 ug/ml
21) T n-Octatriacontane (C38)	21.377	1693546	19.210 ug/ml
22) T n-Tetracontane (C40)	22.361	1506192	19.236 ug/ml

(f)=RT Delta > 1/2 Window

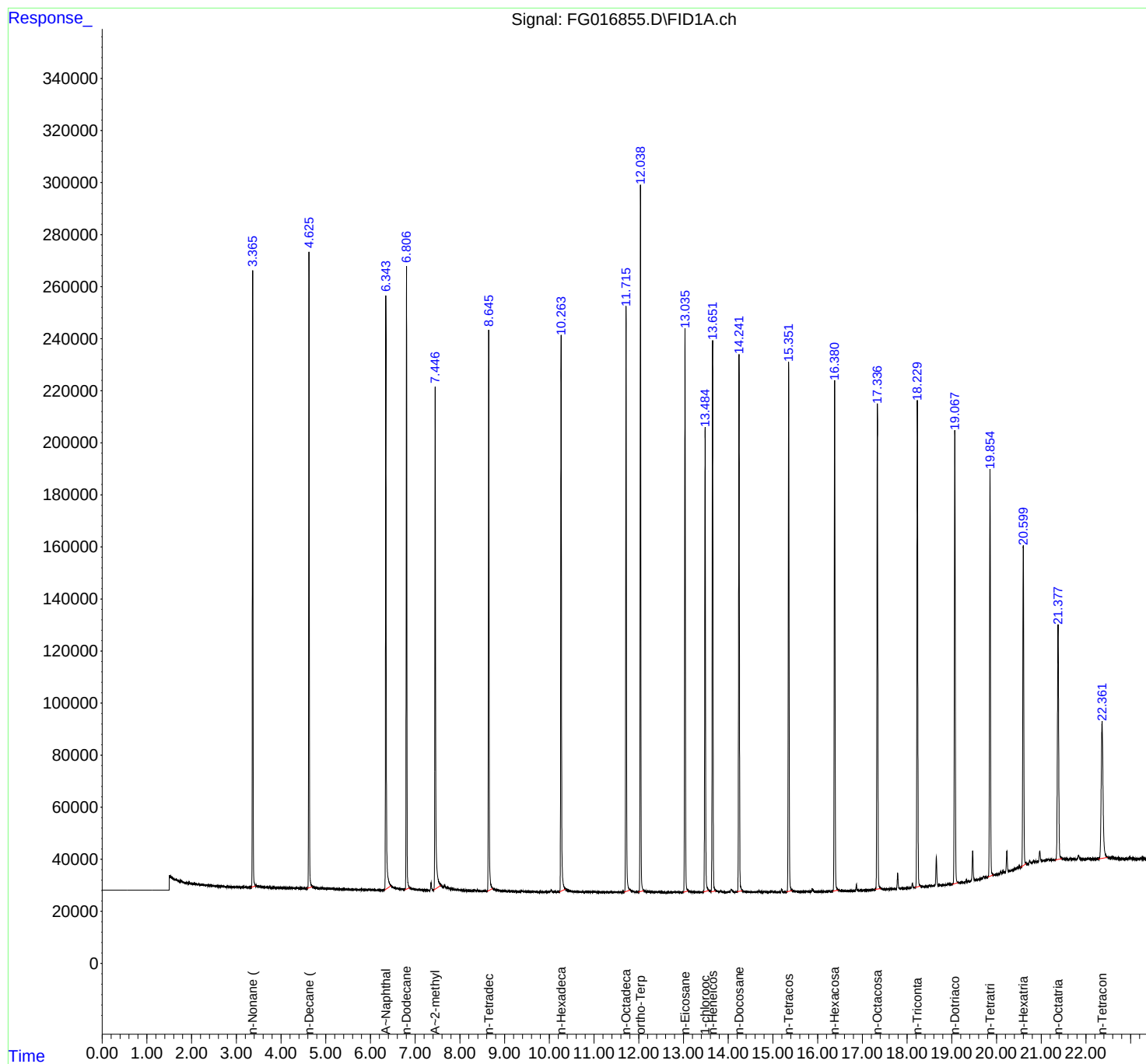
(m)=manual int.

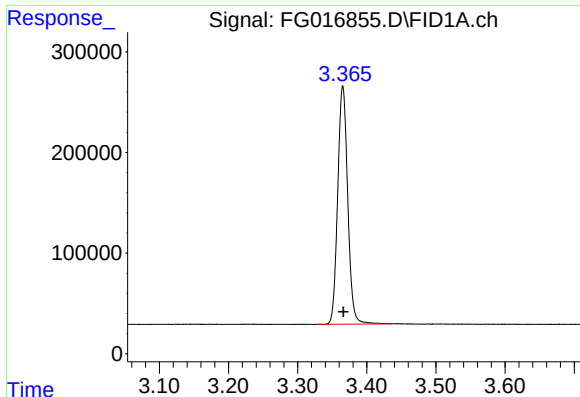
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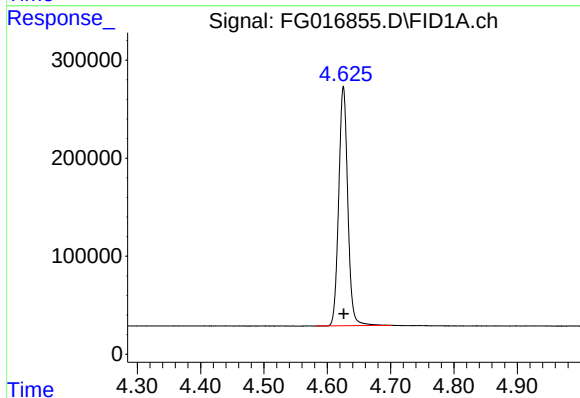




#1 n-Nonane (C9)

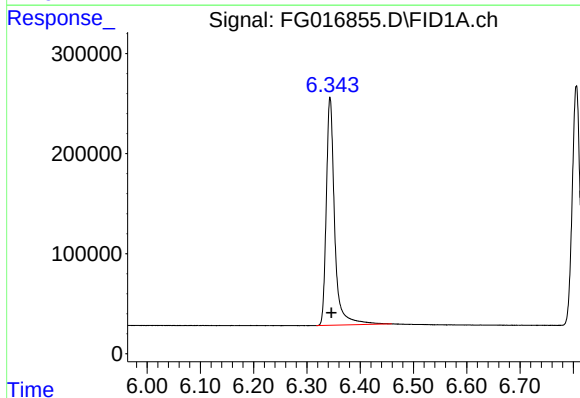
R.T.: 3.365 min
Delta R.T.: 0.000 min
Response: 2381614
Conc: 19.12 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



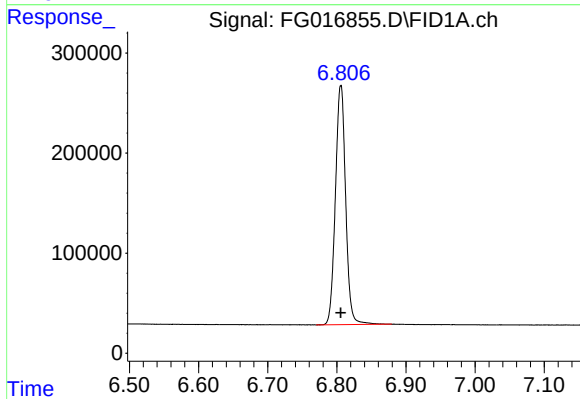
#2 n-Decane (C10)

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 2425791
Conc: 18.95 ug/ml



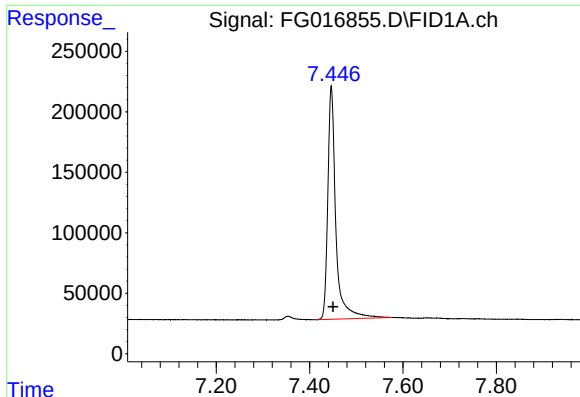
#3 A~Naphthalene (C11.7)

R.T.: 6.344 min
Delta R.T.: -0.003 min
Response: 2489410
Conc: 19.03 ug/ml



#4 n-Dodecane (C12)

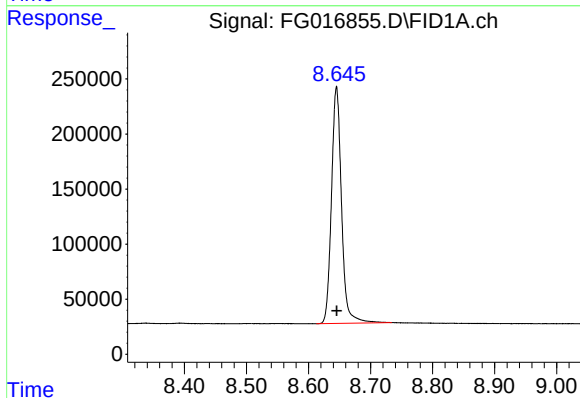
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 2464565
Conc: 18.90 ug/ml



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

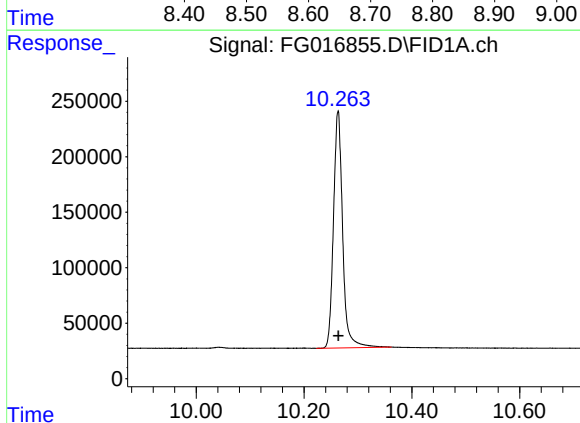
R.T.: 7.447 min
Delta R.T.: -0.003 min
Response: 2310053
Conc: 19.20 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



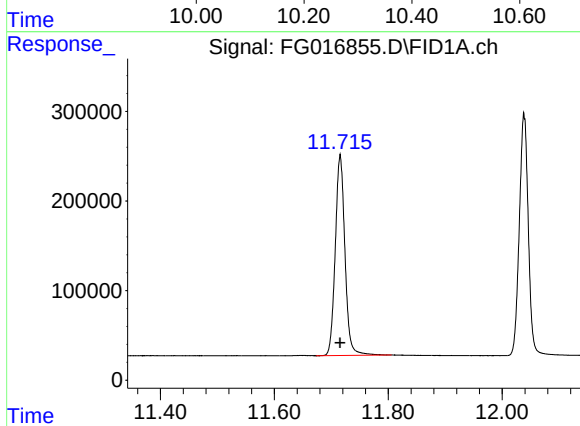
#6 n-Tetradecane (C14)

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 2418768
Conc: 18.93 ug/ml



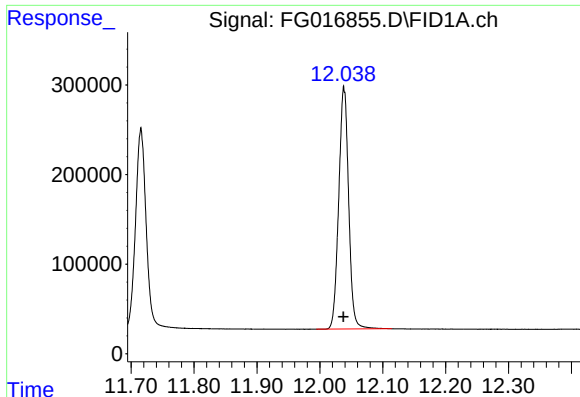
#7 n-Hexadecane (C16)

R.T.: 10.263 min
Delta R.T.: 0.000 min
Response: 2520360
Conc: 19.07 ug/ml



#8 n-Octadecane (C18)

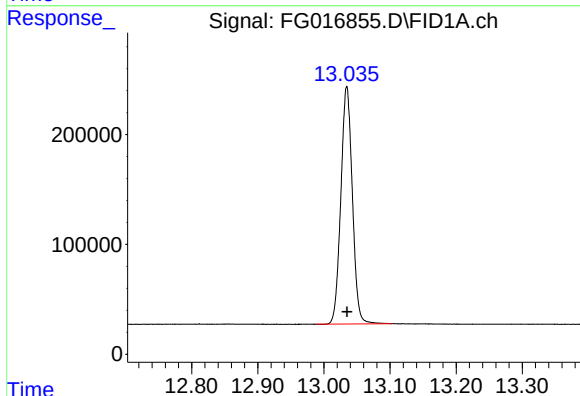
R.T.: 11.716 min
Delta R.T.: 0.000 min
Response: 2637993
Conc: 18.93 ug/ml



#9 ortho-Terphenyl (SURR)

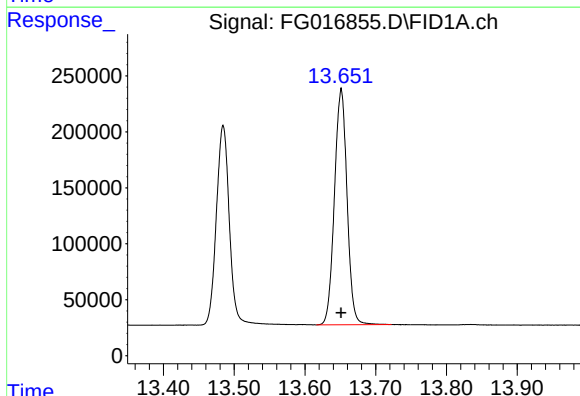
R.T.: 12.038 min
Delta R.T.: 0.000 min
Response: 2958222
Conc: 18.73 ug/ml

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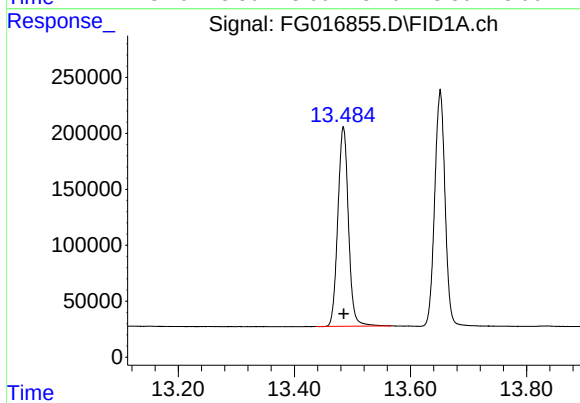
#10 n-Eicosane (C20)

R.T.: 13.035 min
Delta R.T.: 0.000 min
Response: 2615668
Conc: 18.71 ug/ml



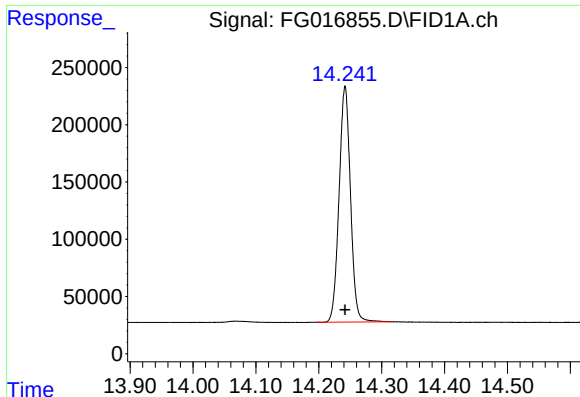
#11 n-Heneicosane (C21)

R.T.: 13.651 min
Delta R.T.: 0.000 min
Response: 2608547
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

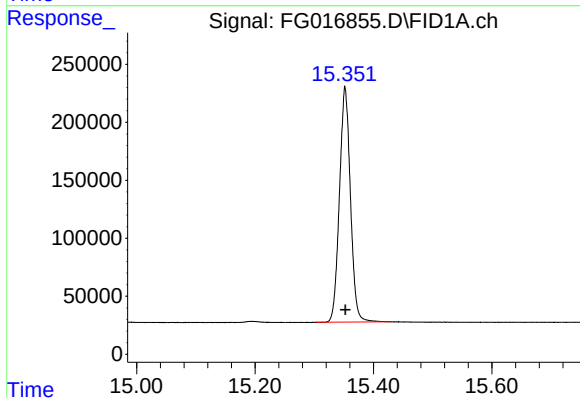
R.T.: 13.484 min
Delta R.T.: 0.000 min
Response: 2258297
Conc: 18.75 ug/ml



#13 n-Docosane (C22)

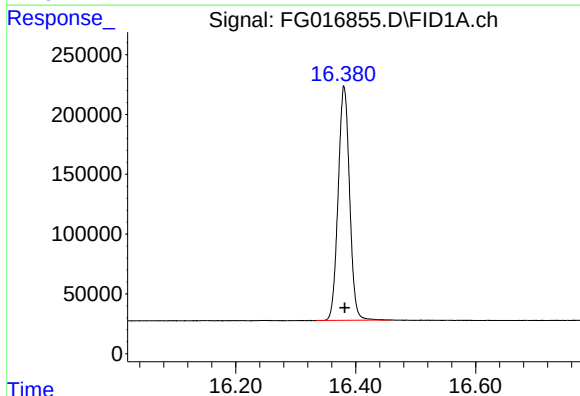
R.T.: 14.242 min
Delta R.T.: 0.000 min
Response: 2594722
Conc: 18.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



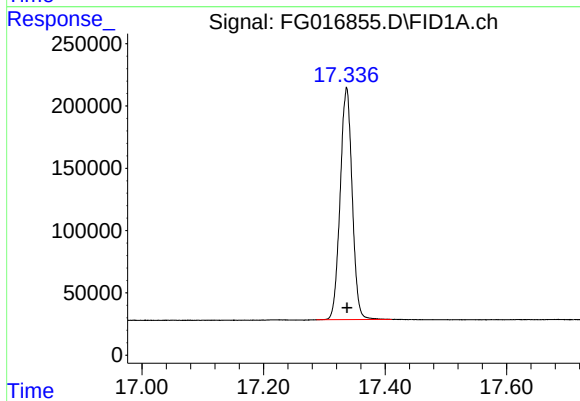
#14 n-Tetracosane (C24)

R.T.: 15.352 min
Delta R.T.: 0.000 min
Response: 2612889
Conc: 17.77 ug/ml



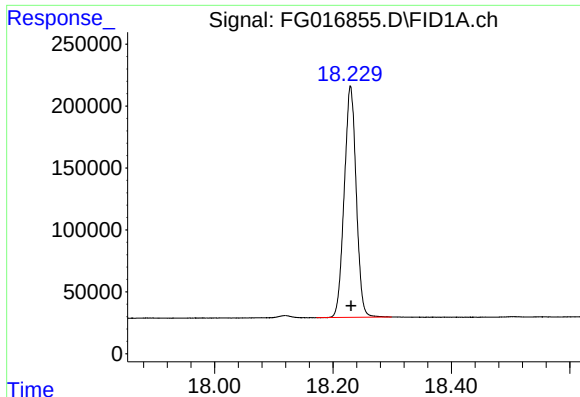
#15 n-Hexacosane (C26)

R.T.: 16.381 min
Delta R.T.: -0.001 min
Response: 2589256
Conc: 17.65 ug/ml



#16 n-Octacosane (C28)

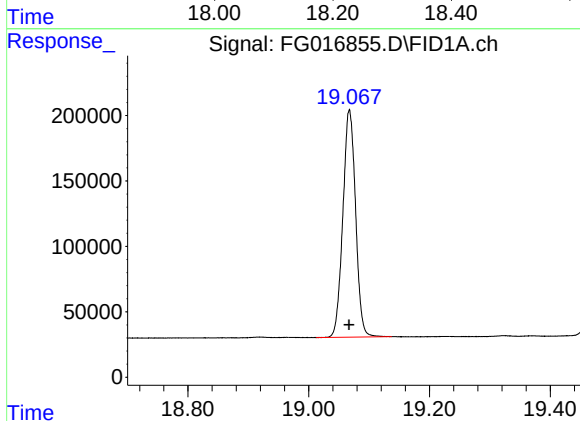
R.T.: 17.337 min
Delta R.T.: 0.000 min
Response: 2553922
Conc: 17.35 ug/ml



#17 n-Tricontane (C30)

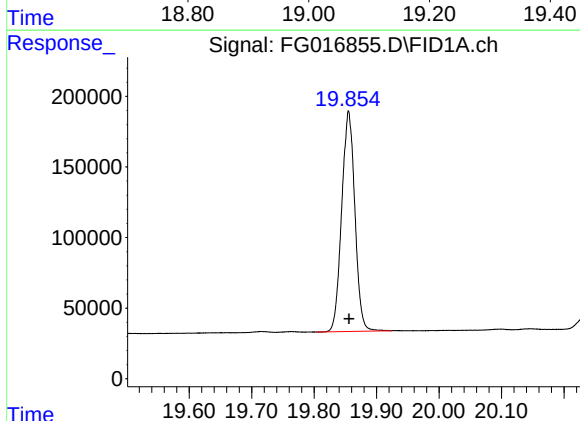
R.T.: 18.230 min
Delta R.T.: -0.001 min
Response: 2624406
Conc: 17.34 ug/ml

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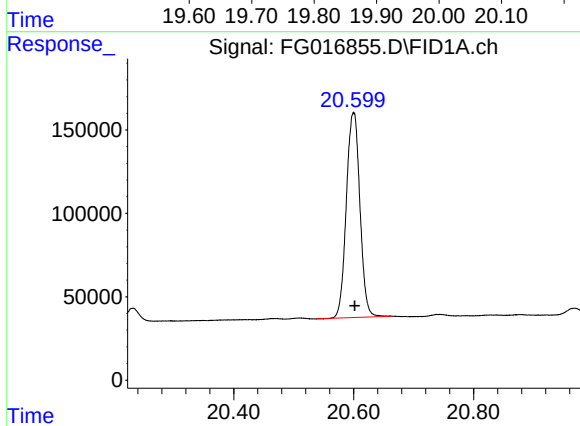
#18 n-Dotriacontane (C32)

R.T.: 19.067 min
Delta R.T.: 0.000 min
Response: 2540607
Conc: 17.24 ug/ml



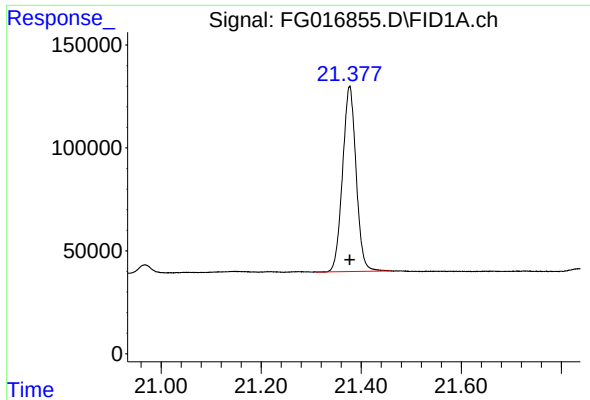
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: 0.000 min
Response: 2288256
Conc: 17.76 ug/ml



#20 n-Hexatriacontane (C36)

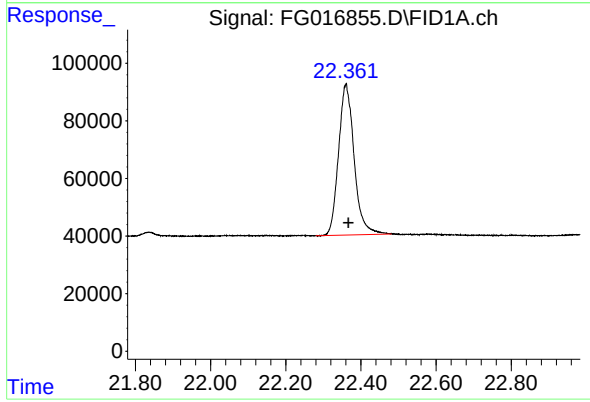
R.T.: 20.600 min
Delta R.T.: -0.002 min
Response: 1928996
Conc: 18.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.000 min
Response: 1693546
Conc: 19.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.361 min
Delta R.T.: -0.006 min
Response: 1506192
Conc: 19.24 ug/ml