

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG092925AL\
 Data File : FG016695.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2025 22:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 30 01:46:45 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)	12.055	2748935	19.273 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	13.501	2164719	19.178 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T n-Nonane (C9)	3.378	2219400	19.558 ug/ml
2) T n-Decane (C10)	4.639	2286995	19.775 ug/ml
3) T A~Naphthalene (C11.7)	6.357	2406994	19.523 ug/ml
4) T n-Dodecane (C12)	6.819	2313029	19.706 ug/ml
5) T A~2-methylnaphthalene...	7.460	2270162	19.625 ug/ml
6) T n-Tetradecane (C14)	8.660	2312054	19.707 ug/ml
7) T n-Hexadecane (C16)	10.279	2438847	19.683 ug/ml
8) T n-Octadecane (C18)	11.732	2538995	19.504 ug/ml
10) T n-Eicosane (C20)	13.051	2490538	19.265 ug/ml
11) T n-Heneicosane (C21)	13.667	2465162	19.197 ug/ml
13) T n-Docosane (C22)	14.259	2463864	19.108 ug/ml
14) T n-Tetracosane (C24)	15.370	2450107	18.786 ug/ml
15) T n-Hexacosane (C26)	16.398	2386855	18.490 ug/ml
16) T n-Octacosane (C28)	17.354	2325578	18.326 ug/ml
17) T n-Tricontane (C30)	18.247	2408887	18.826 ug/ml
18) T n-Dotriacontane (C32)	19.085	2367968	19.335 ug/ml
19) T n-Tetratriacontane (C34)	19.874	2103635	19.364 ug/ml
20) T n-Hexatriacontane (C36)	20.618	1759205	19.359 ug/ml
21) T n-Octatriacontane (C38)	21.399	1547661	19.003 ug/ml
22) T n-Tetracontane (C40)	22.387	1418672	18.391 ug/ml

(f)=RT Delta > 1/2 Window

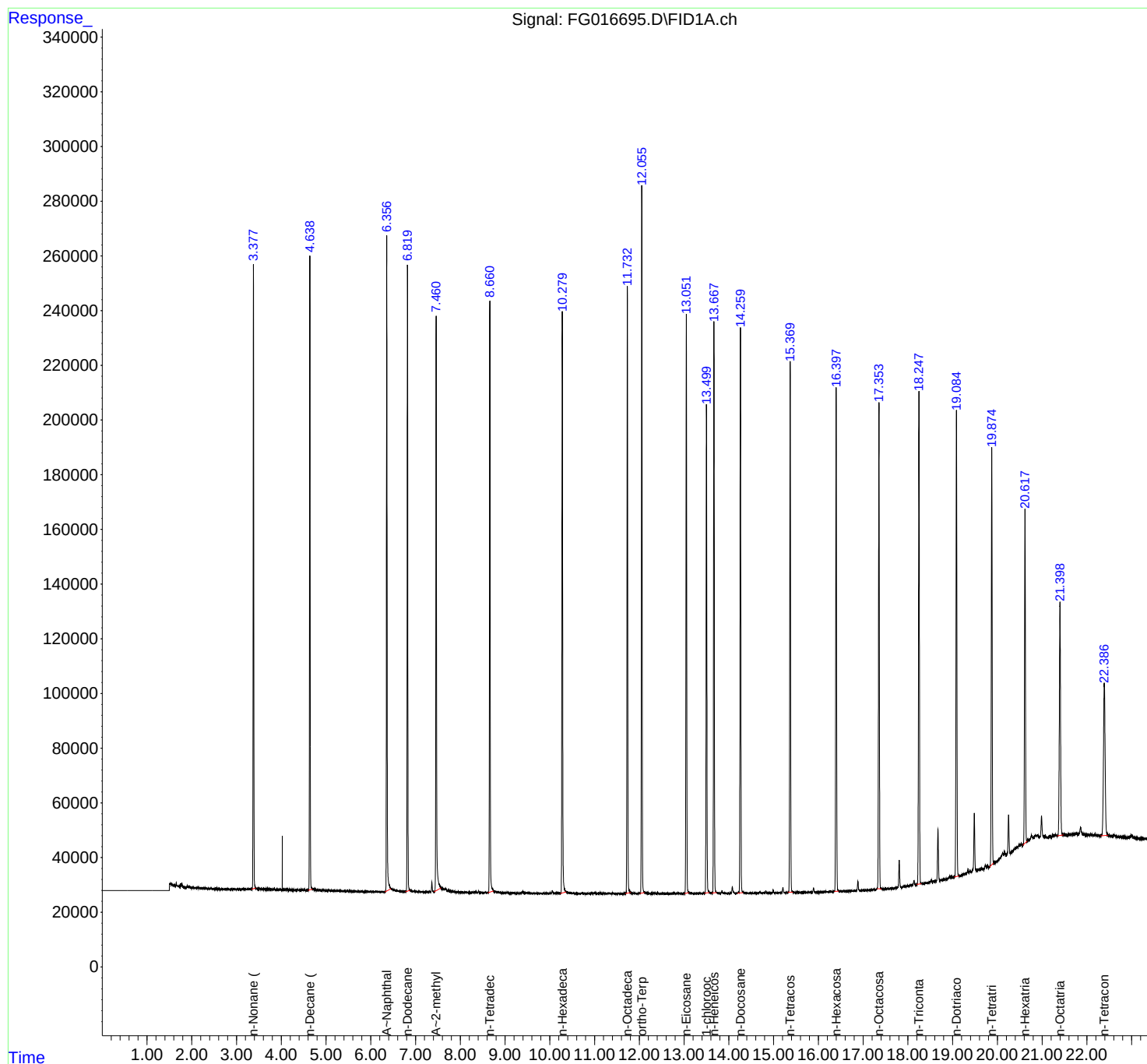
(m)=manual int.

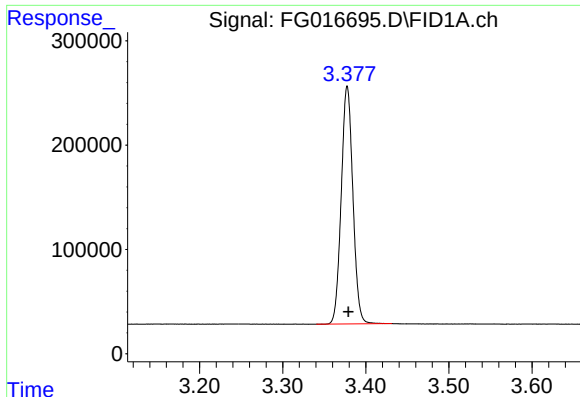
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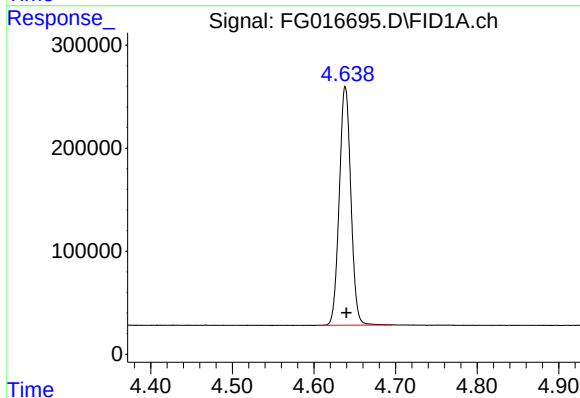




#1 n-Nonane (C9)

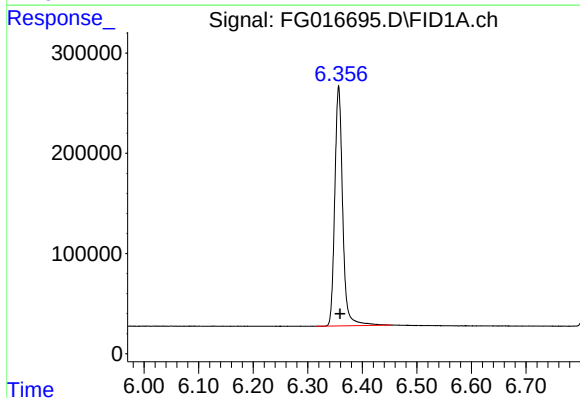
R.T.: 3.378 min
Delta R.T.: -0.001 min
Response: 2219400
Conc: 19.56 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



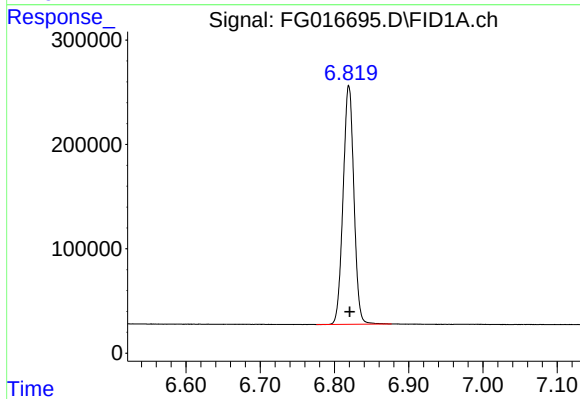
#2 n-Decane (C10)

R.T.: 4.639 min
Delta R.T.: -0.001 min
Response: 2286995
Conc: 19.77 ug/ml



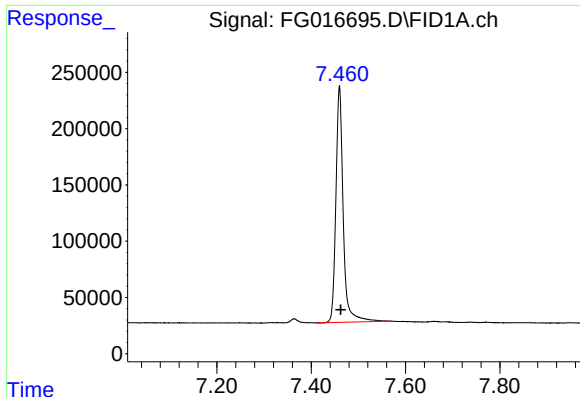
#3 A~Naphthalene (C11.7)

R.T.: 6.357 min
Delta R.T.: -0.002 min
Response: 2406994
Conc: 19.52 ug/ml



#4 n-Dodecane (C12)

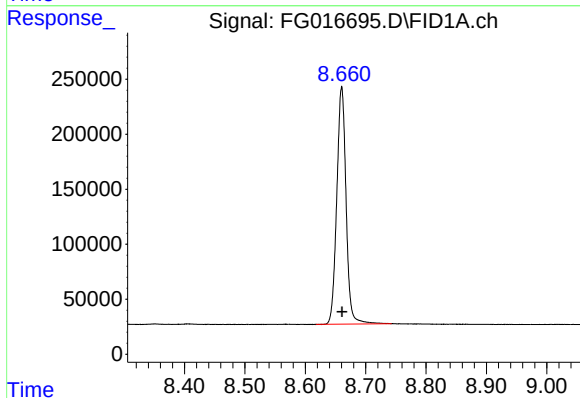
R.T.: 6.819 min
Delta R.T.: -0.001 min
Response: 2313029
Conc: 19.71 ug/ml



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

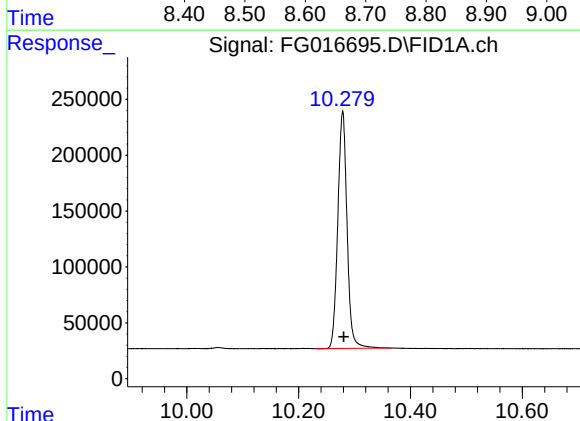
R.T.: 7.460 min
Delta R.T.: -0.003 min
Response: 2270162
Conc: 19.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



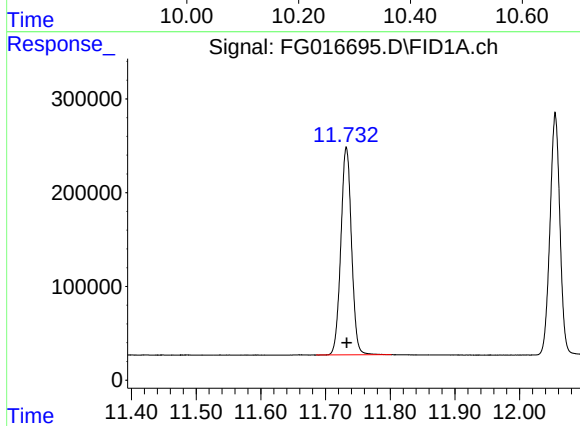
#6 n-Tetradecane (C14)

R.T.: 8.660 min
Delta R.T.: 0.000 min
Response: 2312054
Conc: 19.71 ug/ml



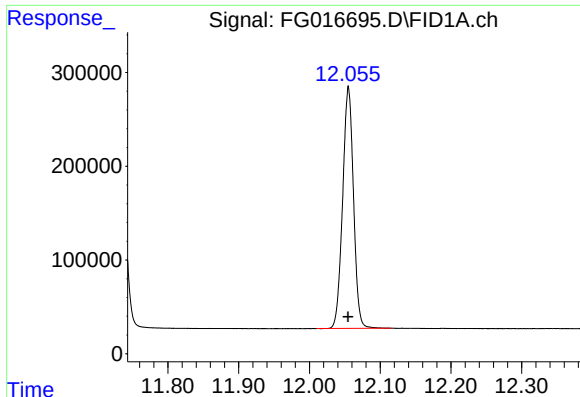
#7 n-Hexadecane (C16)

R.T.: 10.279 min
Delta R.T.: -0.002 min
Response: 2438847
Conc: 19.68 ug/ml



#8 n-Octadecane (C18)

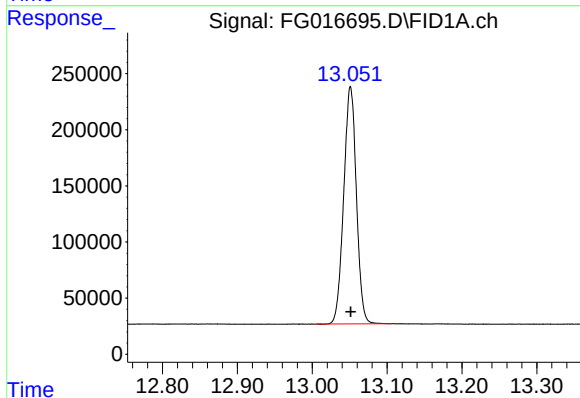
R.T.: 11.732 min
Delta R.T.: 0.000 min
Response: 2538995
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

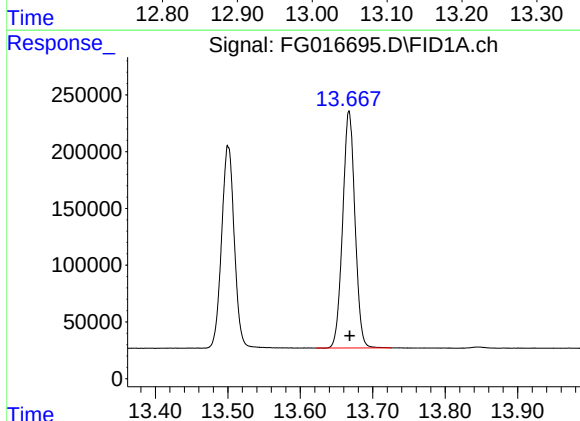
R.T.: 12.055 min
Delta R.T.: 0.000 min
Response: 2748935
Conc: 19.27 ug/ml

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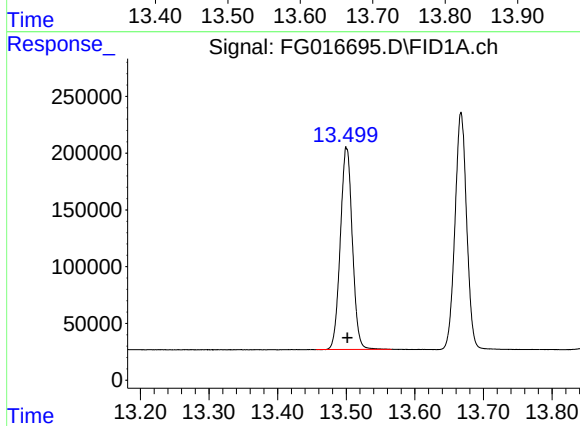
#10 n-Eicosane (C20)

R.T.: 13.051 min
Delta R.T.: 0.000 min
Response: 2490538
Conc: 19.27 ug/ml



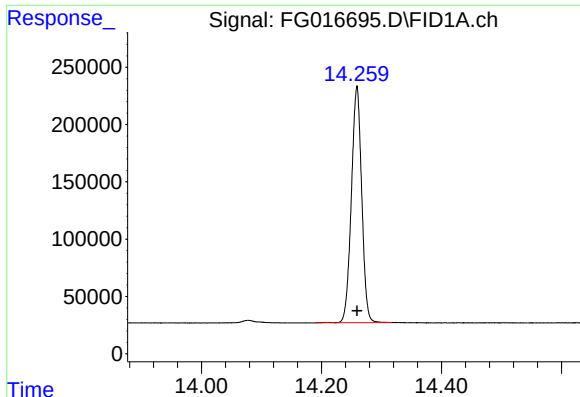
#11 n-Heneicosane (C21)

R.T.: 13.667 min
Delta R.T.: -0.001 min
Response: 2465162
Conc: 19.20 ug/ml



#12 1-chlorooctadecane (SURR)

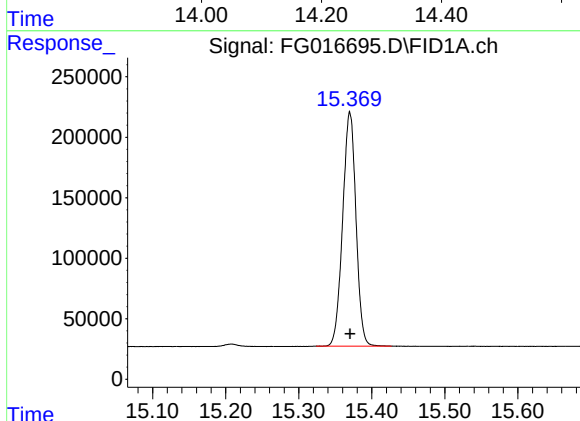
R.T.: 13.501 min
Delta R.T.: -0.001 min
Response: 2164719
Conc: 19.18 ug/ml



#13 n-Docosane (C22)

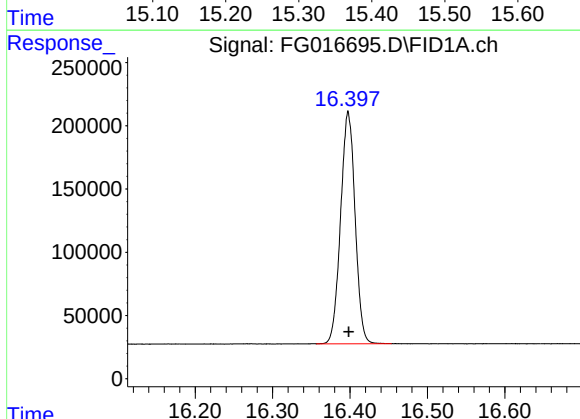
R.T.: 14.259 min
Delta R.T.: 0.000 min
Response: 2463864
Conc: 19.11 ug/ml

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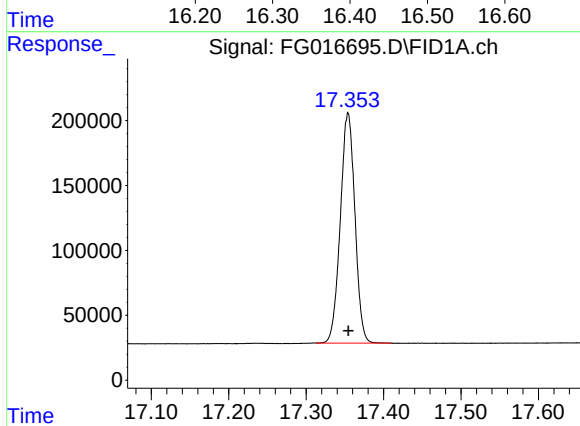
#14 n-Tetracosane (C24)

R.T.: 15.370 min
Delta R.T.: 0.000 min
Response: 2450107
Conc: 18.79 ug/ml



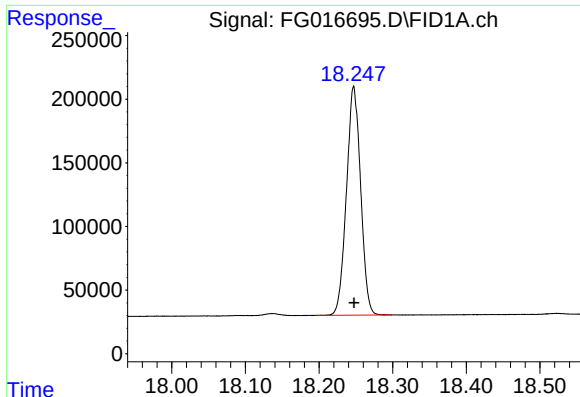
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: 0.000 min
Response: 2386855
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

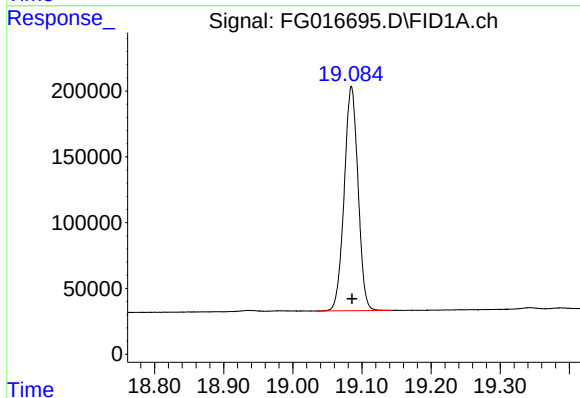
R.T.: 17.354 min
Delta R.T.: 0.000 min
Response: 2325578
Conc: 18.33 ug/ml



#17 n-Tricontane (C30)

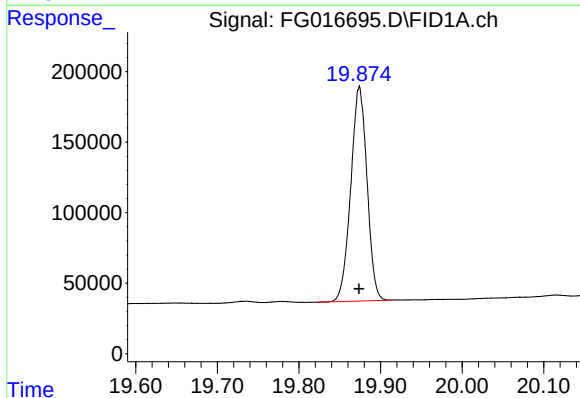
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 2408887
Conc: 18.83 ug/ml

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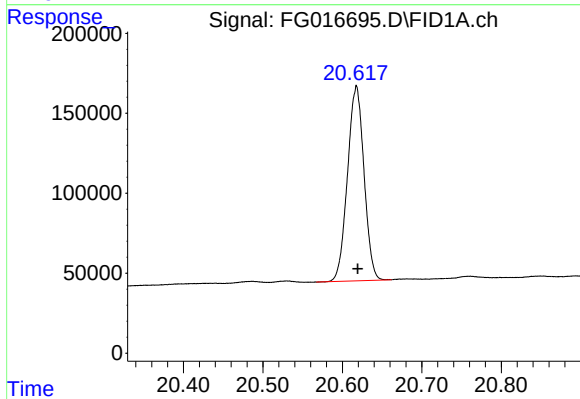
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.000 min
Response: 2367968
Conc: 19.33 ug/ml



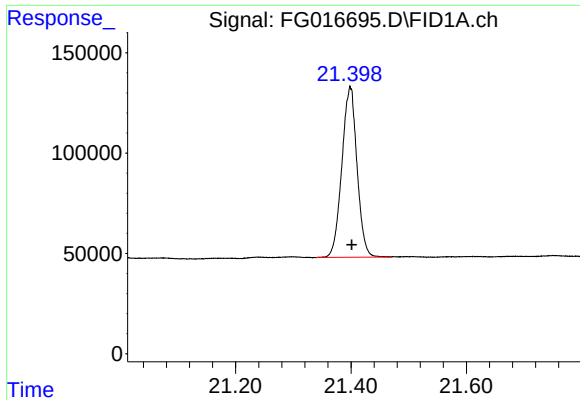
#19 n-Tetratriacontane (C34)

R.T.: 19.874 min
Delta R.T.: 0.000 min
Response: 2103635
Conc: 19.36 ug/ml



#20 n-Hexatriacontane (C36)

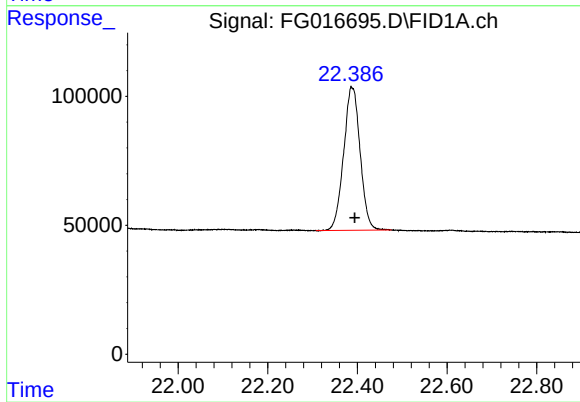
R.T.: 20.618 min
Delta R.T.: -0.002 min
Response: 1759205
Conc: 19.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.399 min
Delta R.T.: -0.002 min
Response: 1547661
Conc: 19.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.387 min
Delta R.T.: -0.008 min
Response: 1418672
Conc: 18.39 ug/ml