

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102225AL\
 Data File : FG016824.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2025 12:59
 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: Oct 22 13:07:49 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)	12.042	2603661	16.673 ug/ml
Spiked Amount 50.000		Recovery =	33.35%
12) S 1-chlorooctadecane (S...	13.488	1980207	16.192 ug/ml
Spiked Amount 50.000		Recovery =	32.38%
Target Compounds			
1) T n-Nonane (C9)	3.367	2039835	16.443 ug/ml
2) T n-Decane (C10)	4.627	2078065	16.424 ug/ml
3) T A~Naphthalene (C11.7)	6.346	2091151	15.768 ug/ml
4) T n-Dodecane (C12)	6.807	2122225	16.592 ug/ml
5) T A~2-methylnaphthalene...	7.449	1922280	15.604 ug/ml
6) T n-Tetradecane (C14)	8.647	2103258	16.656 ug/ml
7) T n-Hexadecane (C16)	10.266	2221943	16.672 ug/ml
8) T n-Octadecane (C18)	11.719	2355173	16.744 ug/ml
10) T n-Eicosane (C20)	13.038	2365716	16.825 ug/ml
11) T n-Heneicosane (C21)	13.655	2332521	16.724 ug/ml
13) T n-Docosane (C22)	14.246	2414395	16.993 ug/ml
14) T n-Tetracosane (C24)	15.358	2593712	17.519 ug/ml
15) T n-Hexacosane (C26)	16.386	2598680	17.472 ug/ml
16) T n-Octacosane (C28)	17.342	2706504	18.345 ug/ml
17) T n-Tricontane (C30)	18.235	2996800	20.145 ug/ml
18) T n-Dotriacontane (C32)	19.074	3089877	21.797 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2646681	21.318 ug/ml
20) T n-Hexatriacontane (C36)	20.607	2015171	19.549 ug/ml
21) T n-Octatriacontane (C38)	21.385	1617721	17.774 ug/ml
22) T n-Tetracontane (C40)	22.368	1365182	16.264 ug/ml

(f)=RT Delta > 1/2 Window

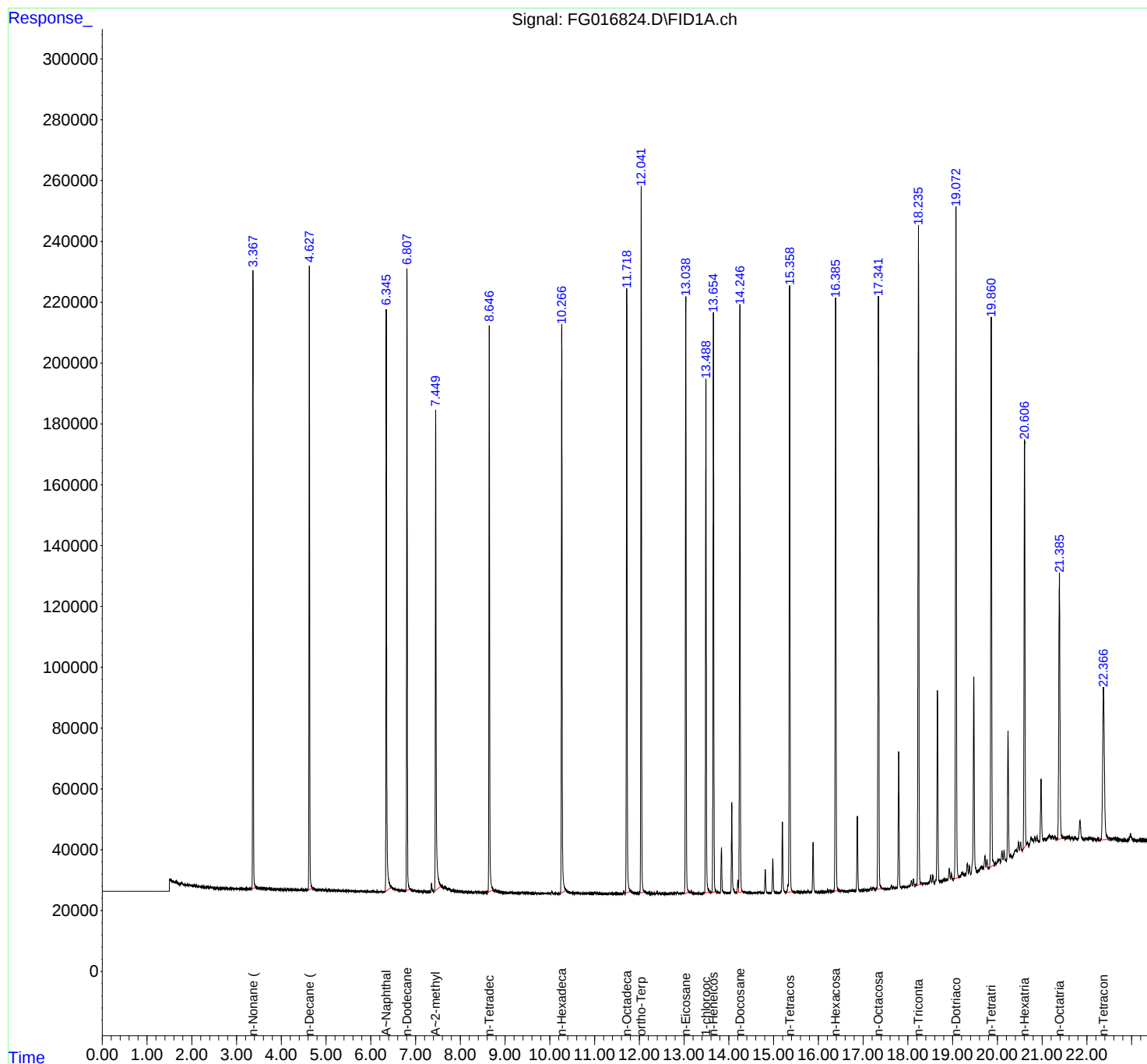
(m)=manual int.

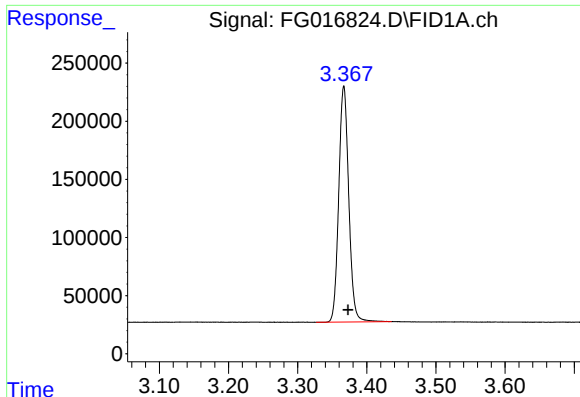
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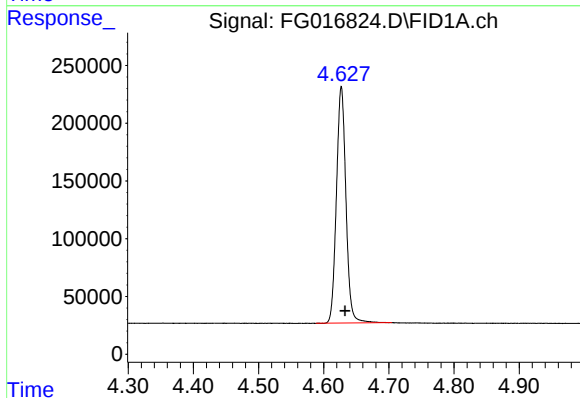




#1 n-Nonane (C9)

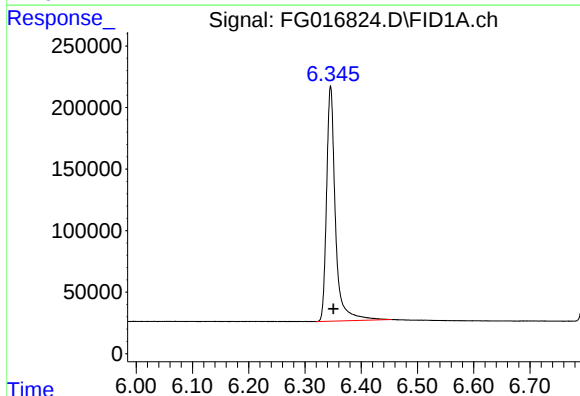
R.T.: 3.367 min
Delta R.T.: -0.006 min
Response: 2039835
Conc: 16.44 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



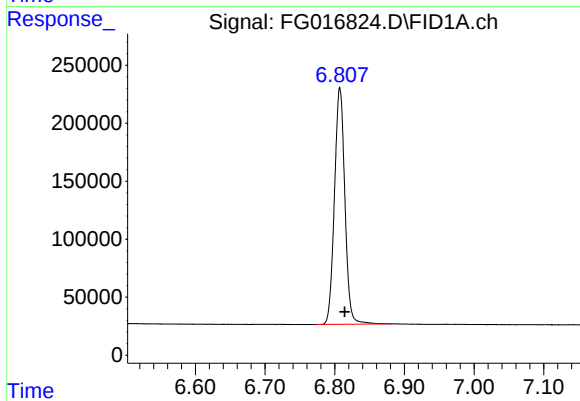
#2 n-Decane (C10)

R.T.: 4.627 min
Delta R.T.: -0.006 min
Response: 2078065
Conc: 16.42 ug/ml



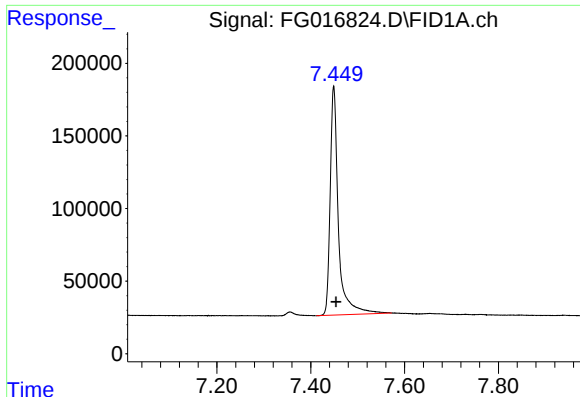
#3 A~Naphthalene (C11.7)

R.T.: 6.346 min
Delta R.T.: -0.005 min
Response: 2091151
Conc: 15.77 ug/ml



#4 n-Dodecane (C12)

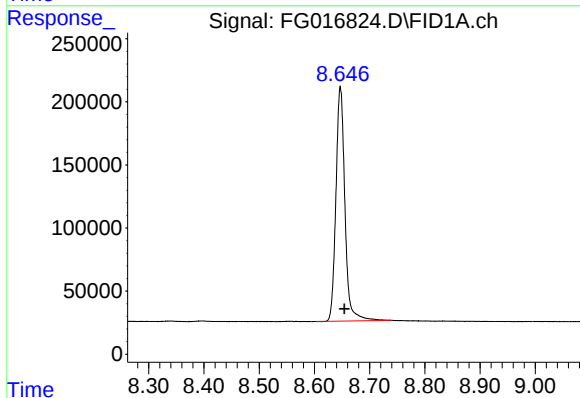
R.T.: 6.807 min
Delta R.T.: -0.007 min
Response: 2122225
Conc: 16.59 ug/ml



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

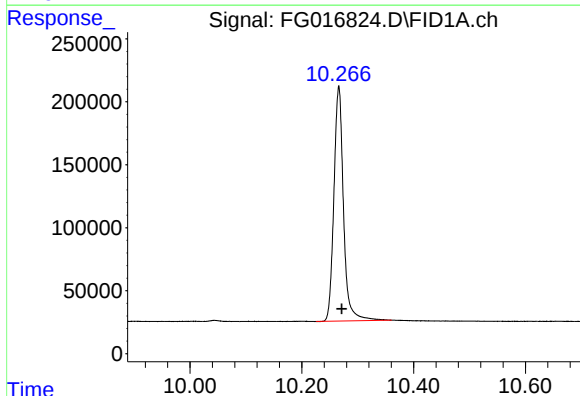
R.T.: 7.449 min
Delta R.T.: -0.005 min
Response: 1922280
Conc: 15.60 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



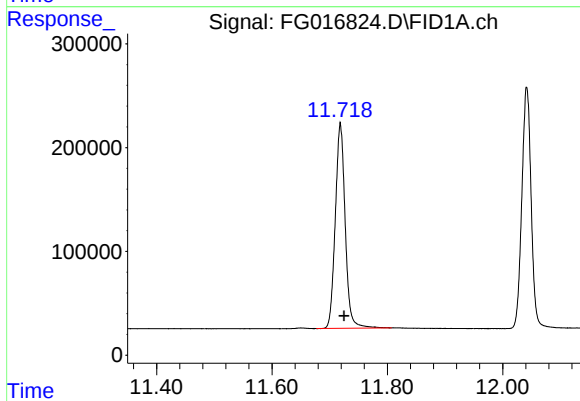
#6 n-Tetradecane (C14)

R.T.: 8.647 min
Delta R.T.: -0.007 min
Response: 2103258
Conc: 16.66 ug/ml



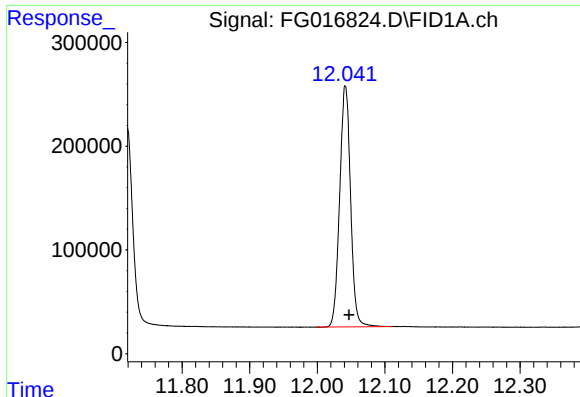
#7 n-Hexadecane (C16)

R.T.: 10.266 min
Delta R.T.: -0.005 min
Response: 2221943
Conc: 16.67 ug/ml



#8 n-Octadecane (C18)

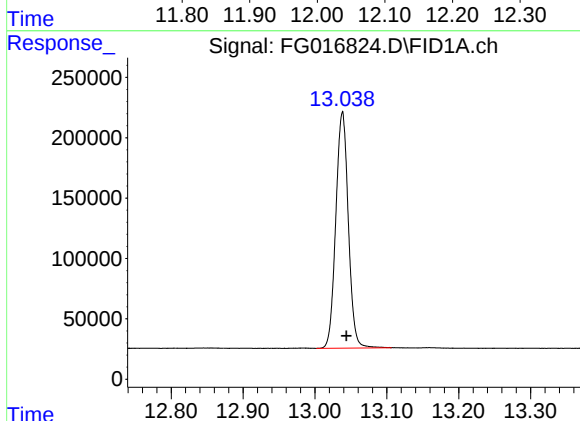
R.T.: 11.719 min
Delta R.T.: -0.006 min
Response: 2355173
Conc: 16.74 ug/ml



#9 ortho-Terphenyl (SURR)

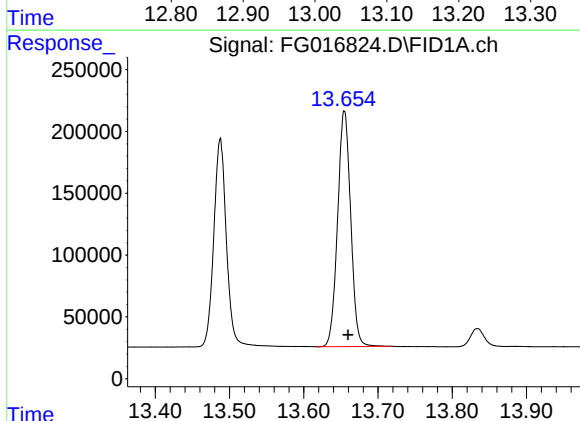
R.T.: 12.042 min
Delta R.T.: -0.005 min
Response: 2603661
Conc: 16.67 ug/ml

Instrument :
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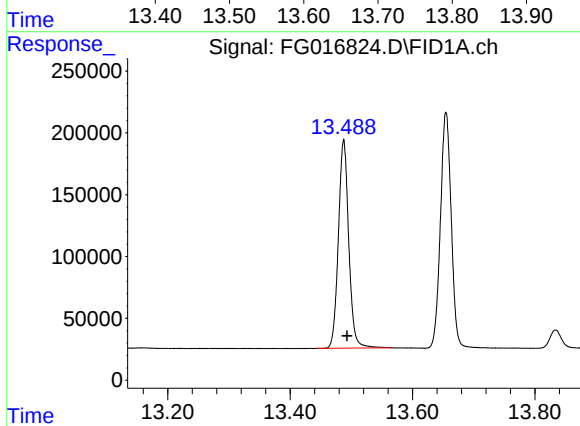
#10 n-Eicosane (C20)

R.T.: 13.038 min
Delta R.T.: -0.005 min
Response: 2365716
Conc: 16.82 ug/ml



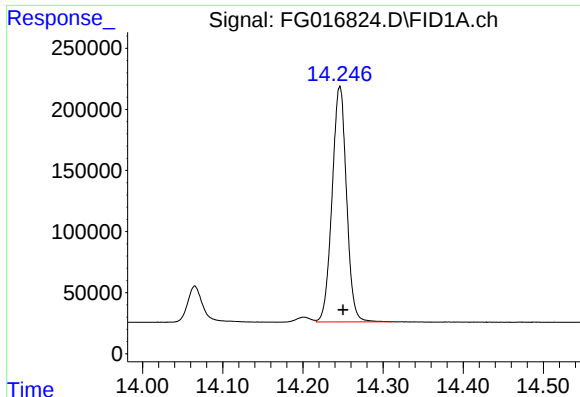
#11 n-Heneicosane (C21)

R.T.: 13.655 min
Delta R.T.: -0.005 min
Response: 2332521
Conc: 16.72 ug/ml



#12 1-chlorooctadecane (SURR)

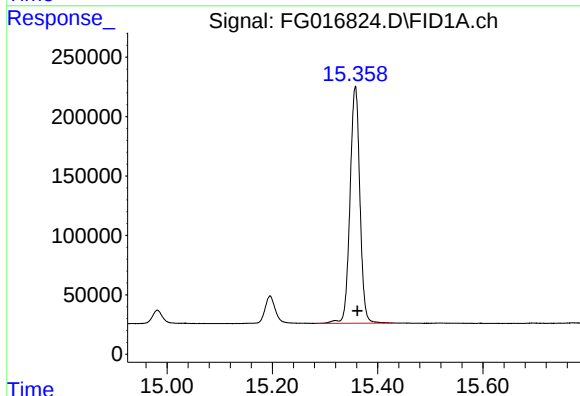
R.T.: 13.488 min
Delta R.T.: -0.005 min
Response: 1980207
Conc: 16.19 ug/ml



#13 n-Docosane (C22)

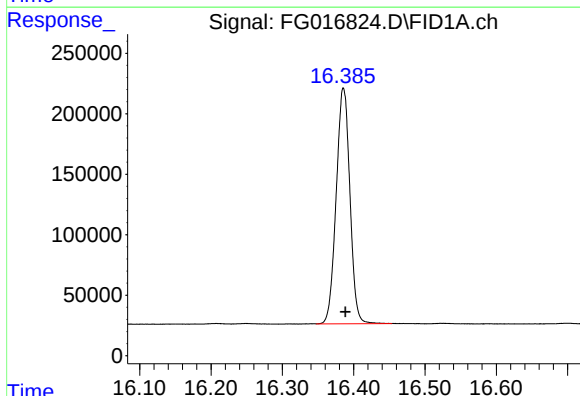
R.T.: 14.246 min
Delta R.T.: -0.004 min
Response: 2414395
Conc: 16.99 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



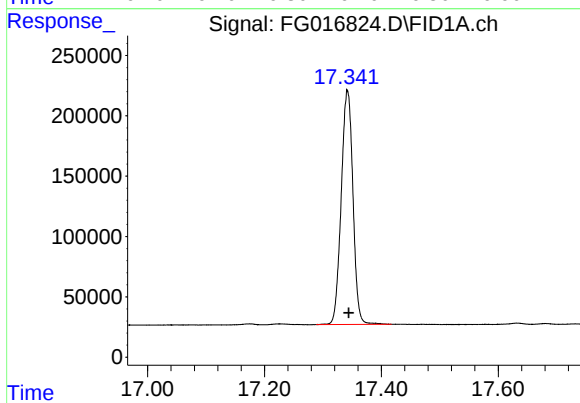
#14 n-Tetracosane (C24)

R.T.: 15.358 min
Delta R.T.: -0.004 min
Response: 2593712
Conc: 17.52 ug/ml



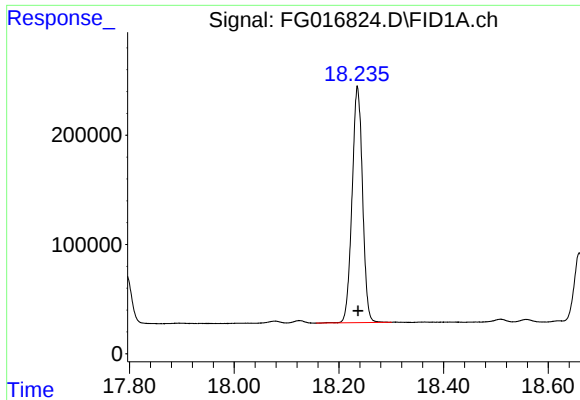
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: -0.003 min
Response: 2598680
Conc: 17.47 ug/ml



#16 n-Octacosane (C28)

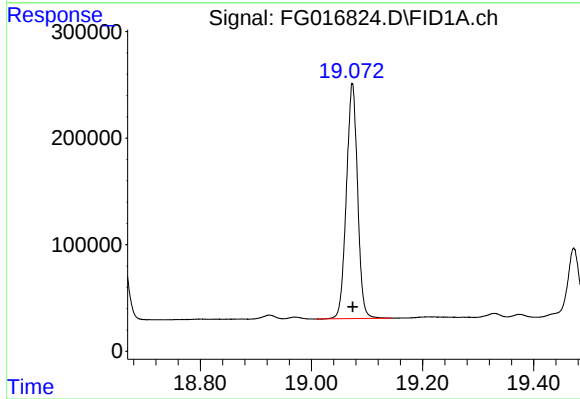
R.T.: 17.342 min
Delta R.T.: -0.002 min
Response: 2706504
Conc: 18.35 ug/ml



#17 n-Tricontane (C30)

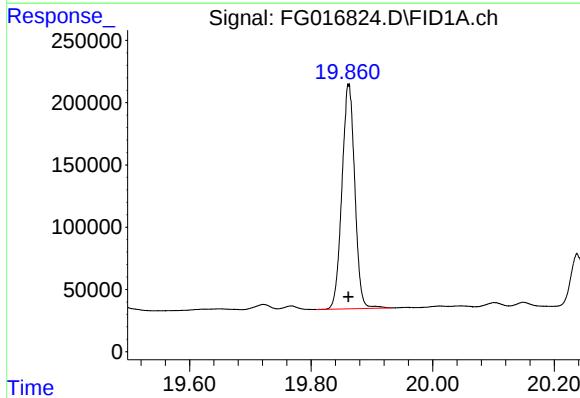
R.T.: 18.235 min
Delta R.T.: -0.002 min
Response: 2996800
Conc: 20.14 ug/ml

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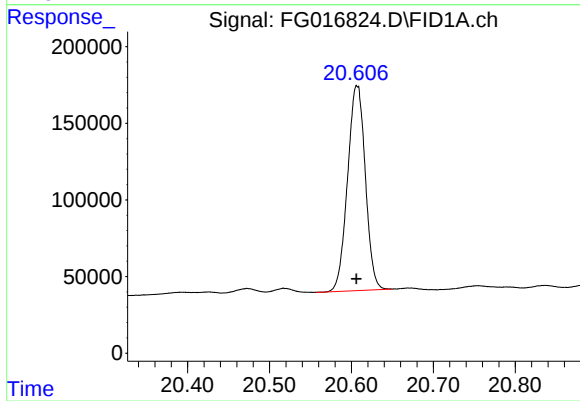
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 3089877
Conc: 21.80 ug/ml



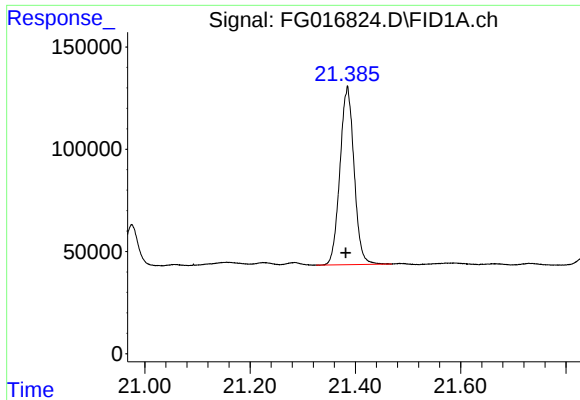
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: 0.000 min
Response: 2646681
Conc: 21.32 ug/ml



#20 n-Hexatriacontane (C36)

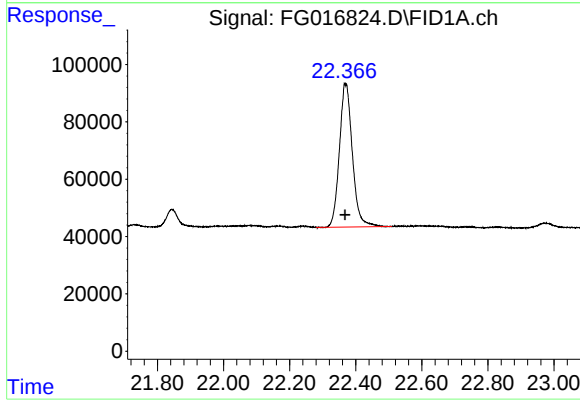
R.T.: 20.607 min
Delta R.T.: 0.000 min
Response: 2015171
Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: 0.003 min
Response: 1617721
Conc: 17.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: 0.000 min
Response: 1365182
Conc: 16.26 ug/ml