

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102225AL\
 Data File : FG016820.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2025 09:29
 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 09:38:23 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	3112941	19.934 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	13.488	2340154	19.135 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.366	2466647	19.883 ug/ml
2) T n-Decane (C10)	4.627	2522600	19.937 ug/ml
3) T A~Naphthalene (C11.7)	6.346	2557272	19.283 ug/ml
4) T n-Dodecane (C12)	6.808	2564512	20.049 ug/ml
5) T A~2-methylnaphthalene...	7.449	2362137	19.175 ug/ml
6) T n-Tetradecane (C14)	8.647	2552975	20.217 ug/ml
7) T n-Hexadecane (C16)	10.266	2691543	20.196 ug/ml
8) T n-Octadecane (C18)	11.720	2824268	20.079 ug/ml
10) T n-Eicosane (C20)	13.039	2824823	20.090 ug/ml
11) T n-Heneicosane (C21)	13.655	2783295	19.956 ug/ml
13) T n-Docosane (C22)	14.246	2869707	20.198 ug/ml
14) T n-Tetracosane (C24)	15.357	3060665	20.673 ug/ml
15) T n-Hexacosane (C26)	16.385	3056763	20.552 ug/ml
16) T n-Octacosane (C28)	17.342	3156074	21.393 ug/ml
17) T n-Tricontane (C30)	18.236	3449783	23.190 ug/ml
18) T n-Dotriacontane (C32)	19.073	3526646	24.878 ug/ml
19) T n-Tetratriacontane (C34)	19.863	3018679	24.314 ug/ml
20) T n-Hexatriacontane (C36)	20.607	2297493	22.288 ug/ml
21) T n-Octatriacontane (C38)	21.383	1841242	20.230 ug/ml
22) T n-Tetracontane (C40)	22.372	1537524	18.317 ug/ml

(f)=RT Delta > 1/2 Window

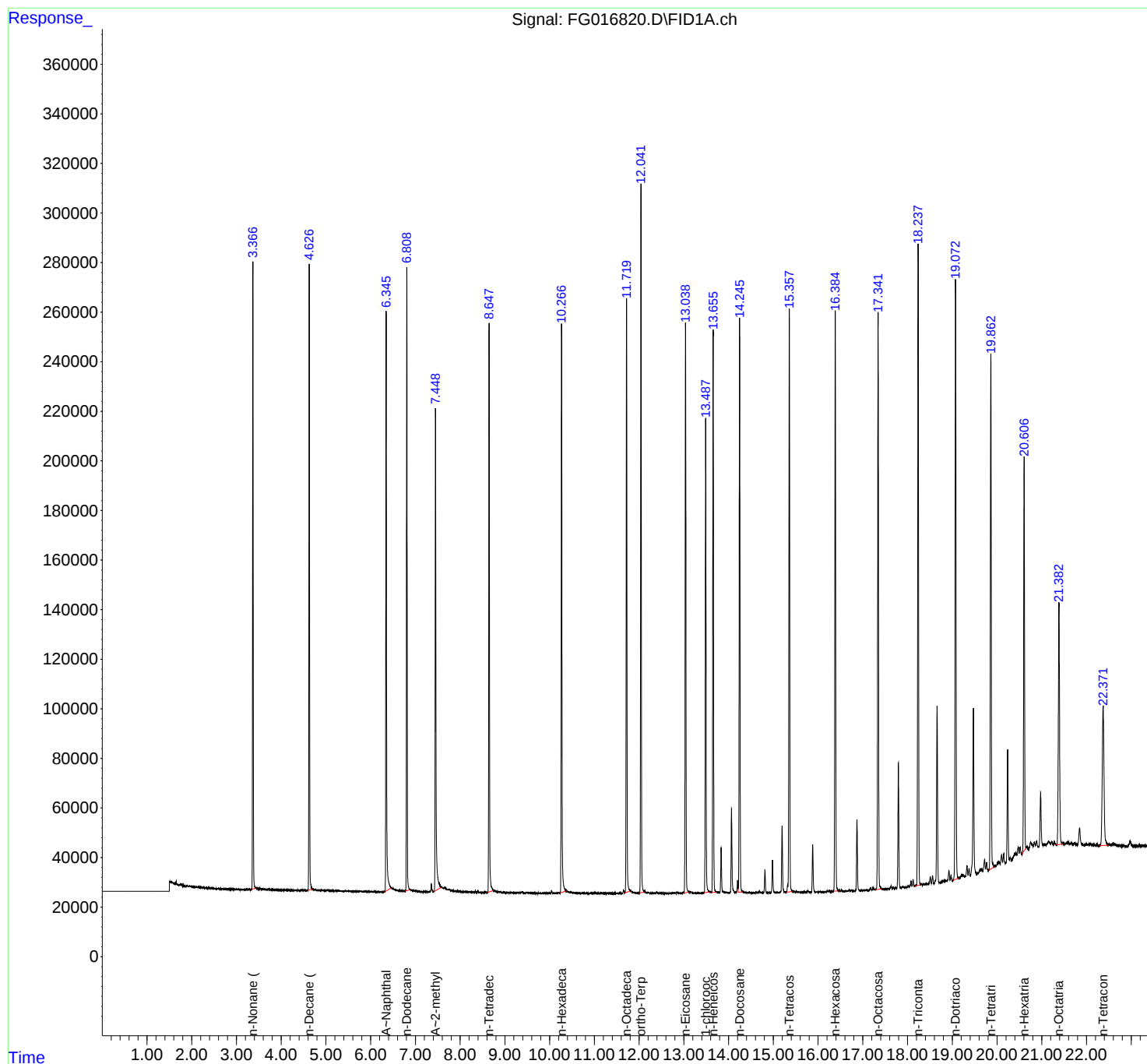
(m)=manual int.

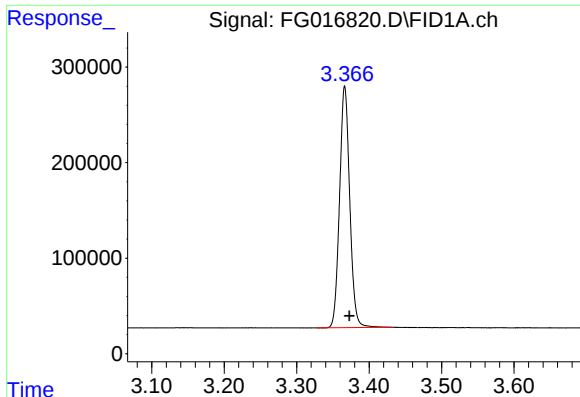
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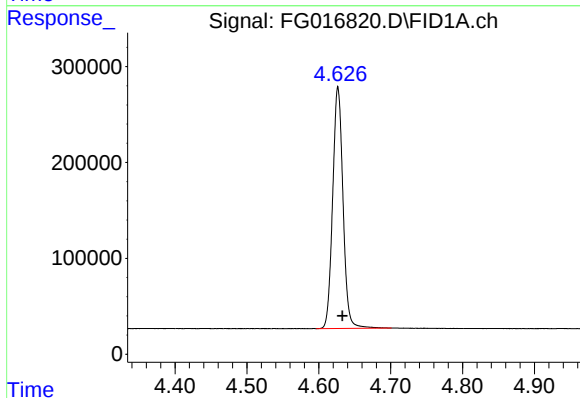




#1 n-Nonane (C9)

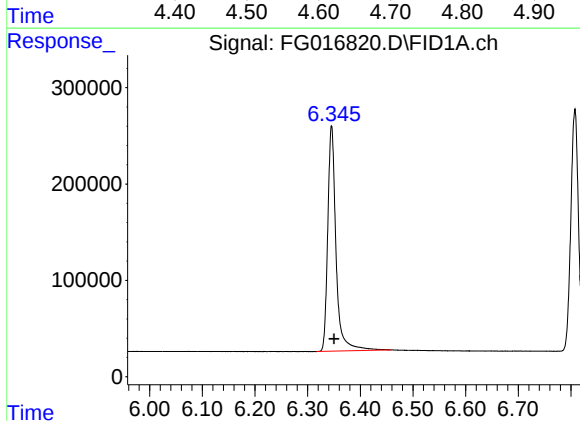
R.T.: 3.366 min
Delta R.T.: -0.007 min
Response: 2466647
Conc: 19.88 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



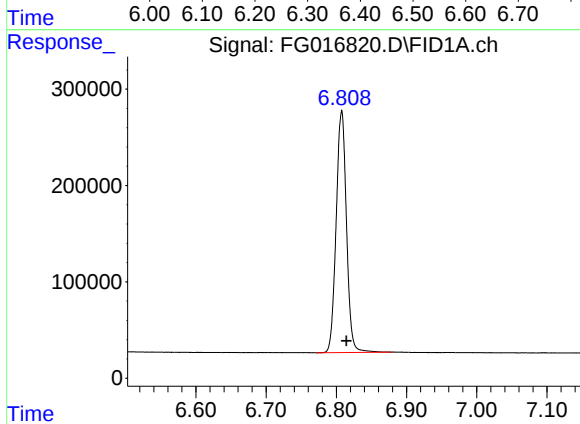
#2 n-Decane (C10)

R.T.: 4.627 min
Delta R.T.: -0.006 min
Response: 2522600
Conc: 19.94 ug/ml



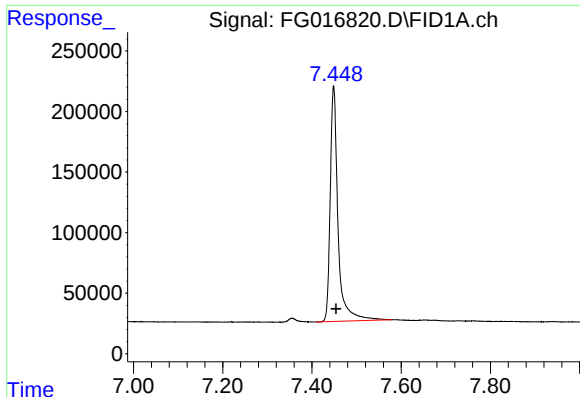
#3 A~Naphthalene (C11.7)

R.T.: 6.346 min
Delta R.T.: -0.005 min
Response: 2557272
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

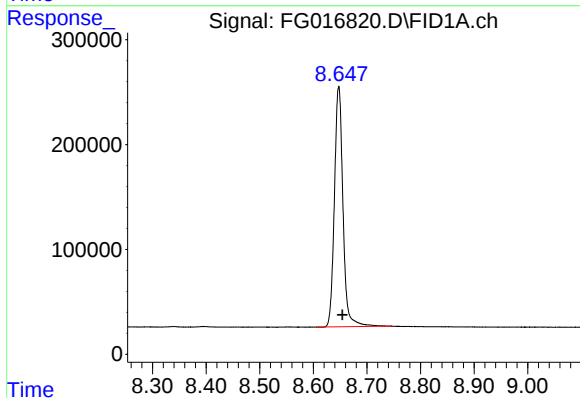
R.T.: 6.808 min
Delta R.T.: -0.007 min
Response: 2564512
Conc: 20.05 ug/ml



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

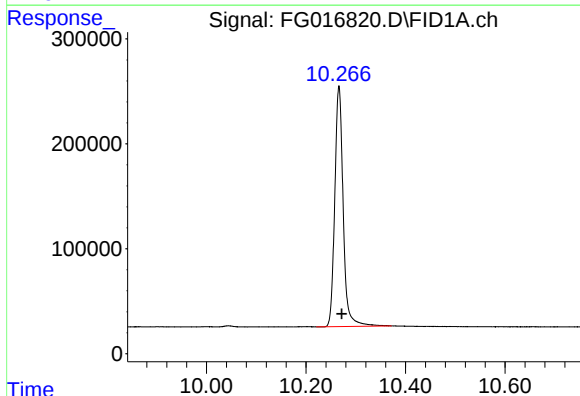
R.T.: 7.449 min
Delta R.T.: -0.005 min
Response: 2362137
Conc: 19.17 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



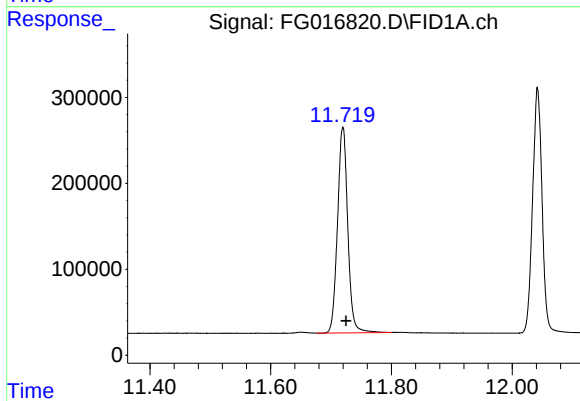
#6 n-Tetradecane (C14)

R.T.: 8.647 min
Delta R.T.: -0.007 min
Response: 2552975
Conc: 20.22 ug/ml



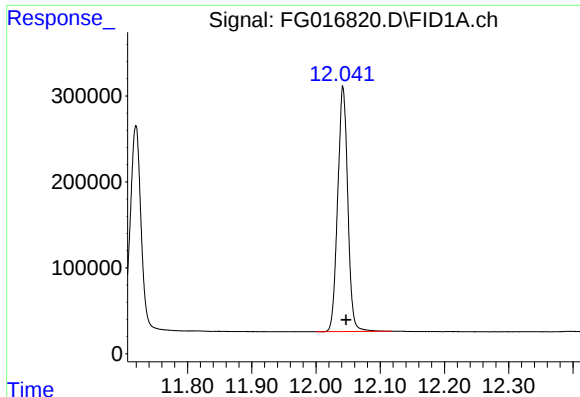
#7 n-Hexadecane (C16)

R.T.: 10.266 min
Delta R.T.: -0.005 min
Response: 2691543
Conc: 20.20 ug/ml



#8 n-Octadecane (C18)

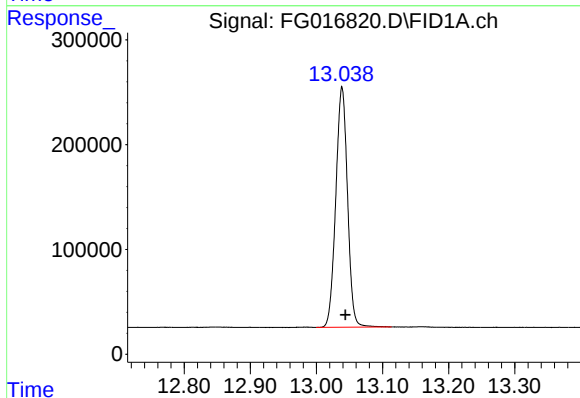
R.T.: 11.720 min
Delta R.T.: -0.005 min
Response: 2824268
Conc: 20.08 ug/ml



#9 ortho-Terphenyl (SURR)

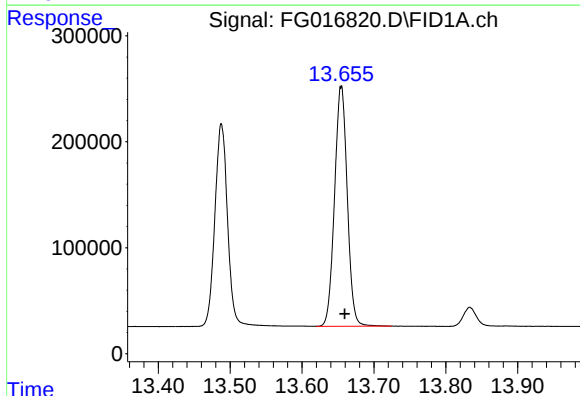
R.T.: 12.042 min
Delta R.T.: -0.005 min
Response: 3112941
Conc: 19.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



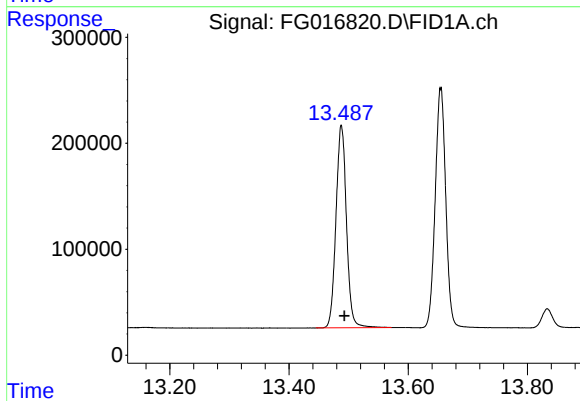
#10 n-Eicosane (C20)

R.T.: 13.039 min
Delta R.T.: -0.005 min
Response: 2824823
Conc: 20.09 ug/ml



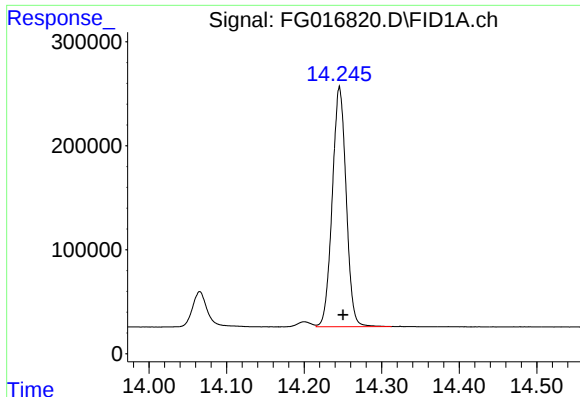
#11 n-Heneicosane (C21)

R.T.: 13.655 min
Delta R.T.: -0.005 min
Response: 2783295
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

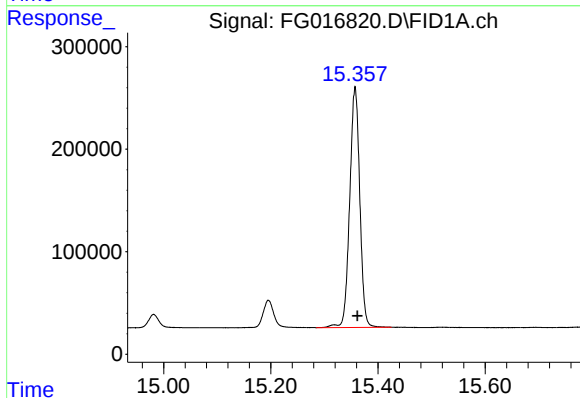
R.T.: 13.488 min
Delta R.T.: -0.005 min
Response: 2340154
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

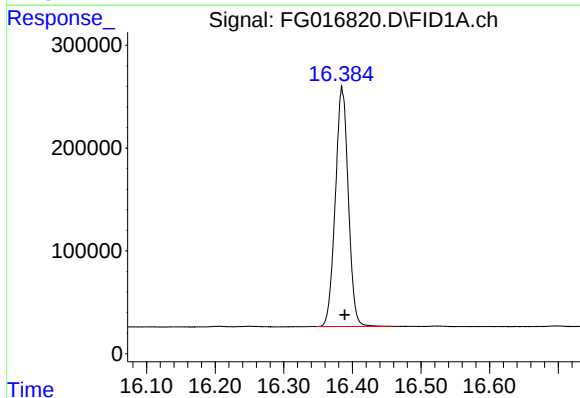
R.T.: 14.246 min
Delta R.T.: -0.004 min
Response: 2869707
Conc: 20.20 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



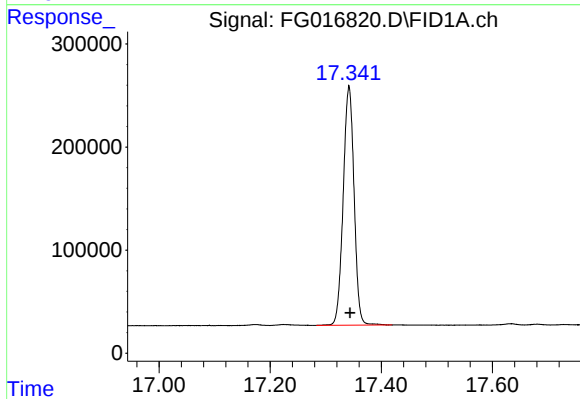
#14 n-Tetracosane (C24)

R.T.: 15.357 min
Delta R.T.: -0.004 min
Response: 3060665
Conc: 20.67 ug/ml



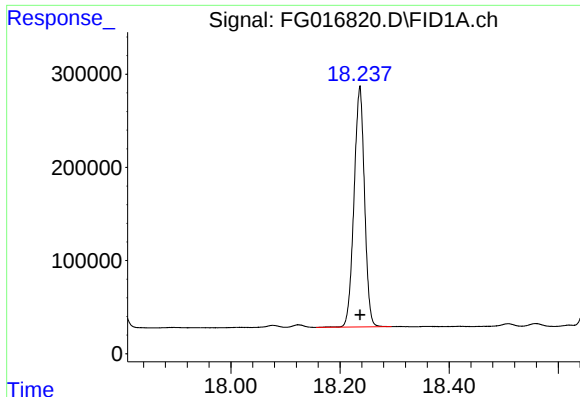
#15 n-Hexacosane (C26)

R.T.: 16.385 min
Delta R.T.: -0.004 min
Response: 3056763
Conc: 20.55 ug/ml



#16 n-Octacosane (C28)

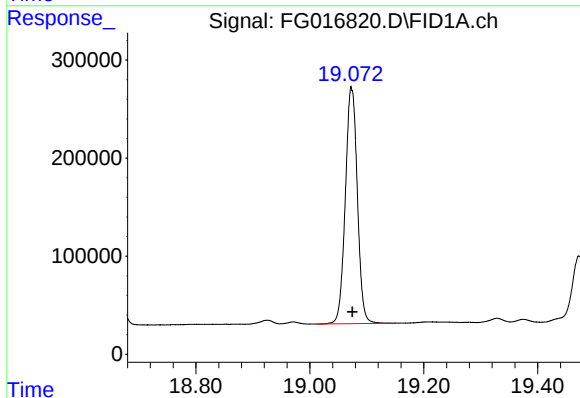
R.T.: 17.342 min
Delta R.T.: -0.002 min
Response: 3156074
Conc: 21.39 ug/ml



#17 n-Tricontane (C30)

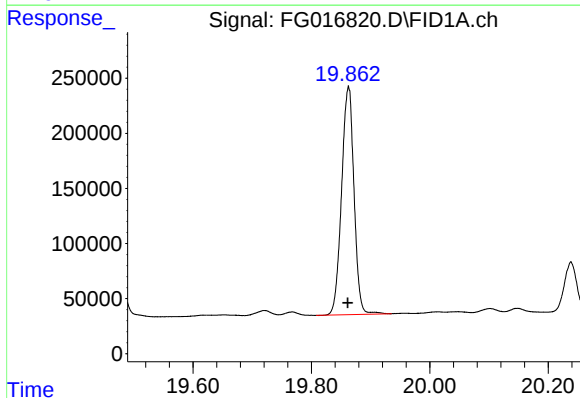
R.T.: 18.236 min
Delta R.T.: 0.000 min
Response: 3449783
Conc: 23.19 ug/ml

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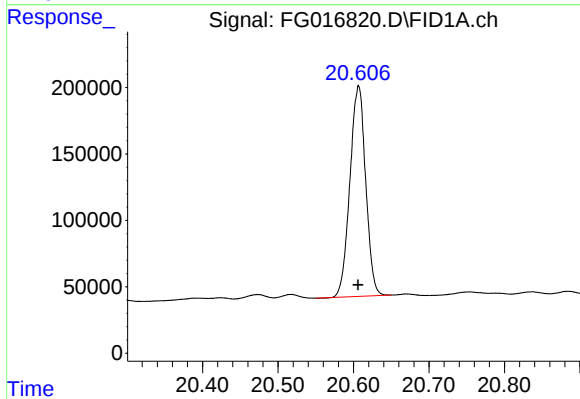
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: -0.001 min
Response: 3526646
Conc: 24.88 ug/ml



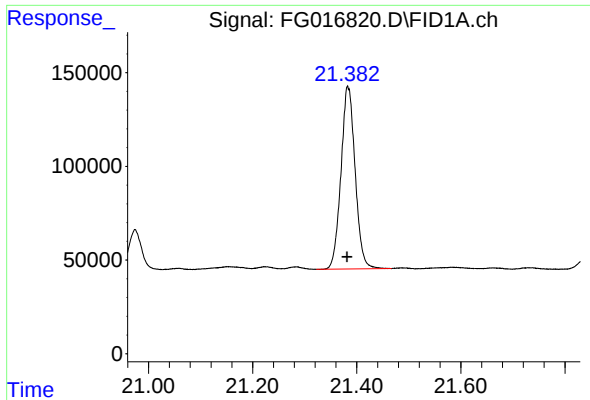
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: 0.001 min
Response: 3018679
Conc: 24.31 ug/ml



#20 n-Hexatriacontane (C36)

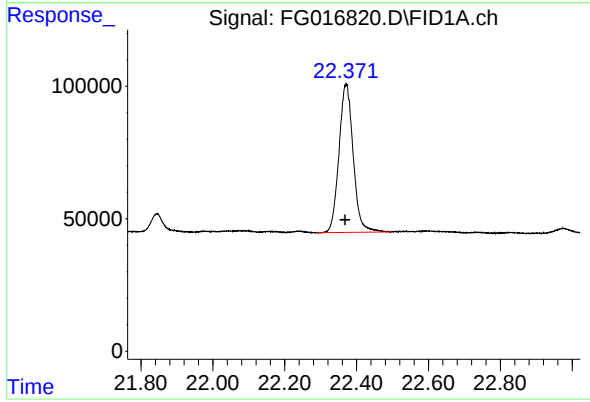
R.T.: 20.607 min
Delta R.T.: 0.000 min
Response: 2297493
Conc: 22.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: 0.001 min
Response: 1841242
Conc: 20.23 ug/ml

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FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.372 min
Delta R.T.: 0.004 min
Response: 1537524
Conc: 18.32 ug/ml