

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102125AL\
 Data File : FG016807.D
 Signal(s) : FID1A.ch
 Acq On : 21 Oct 2025 12:42
 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 15:17:37 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)	12.044	3033920	19.428 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
12) S 1-chlorooctadecane (S...	13.489	2241693	18.330 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T n-Nonane (C9)	3.369	2415819	19.473 ug/ml
2) T n-Decane (C10)	4.629	2460408	19.445 ug/ml
3) T A~Naphthalene (C11.7)	6.348	2494296	18.808 ug/ml
4) T n-Dodecane (C12)	6.810	2506018	19.592 ug/ml
5) T A~2-methylnaphthalene...	7.451	2291983	18.605 ug/ml
6) T n-Tetradecane (C14)	8.649	2490168	19.720 ug/ml
7) T n-Hexadecane (C16)	10.268	2631311	19.744 ug/ml
8) T n-Octadecane (C18)	11.722	2761435	19.632 ug/ml
10) T n-Eicosane (C20)	13.040	2742156	19.502 ug/ml
11) T n-Heneicosane (C21)	13.656	2697683	19.342 ug/ml
13) T n-Docosane (C22)	14.248	2784472	19.598 ug/ml
14) T n-Tetracosane (C24)	15.359	2966698	20.038 ug/ml
15) T n-Hexacosane (C26)	16.387	2958273	19.890 ug/ml
16) T n-Octacosane (C28)	17.344	3043124	20.627 ug/ml
17) T n-Tricontane (C30)	18.238	3309560	22.247 ug/ml
18) T n-Dotriacontane (C32)	19.076	3375779	23.814 ug/ml
19) T n-Tetratriacontane (C34)	19.864	2887959	23.261 ug/ml
20) T n-Hexatriacontane (C36)	20.608	2199030	21.333 ug/ml
21) T n-Octatriacontane (C38)	21.384	1766953	19.414 ug/ml
22) T n-Tetracontane (C40)	22.373	1450270	17.278 ug/ml

(f)=RT Delta > 1/2 Window

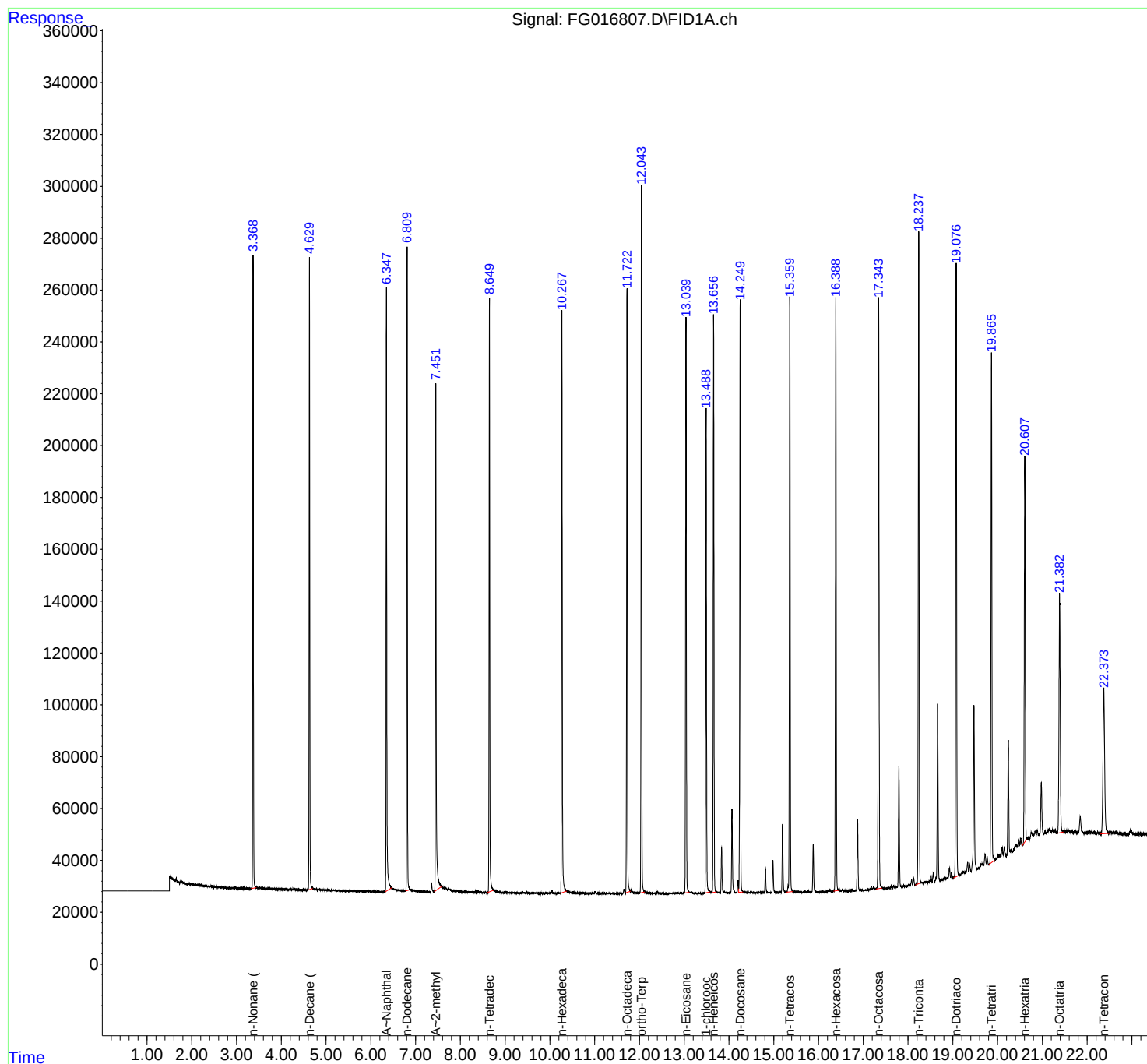
(m)=manual int.

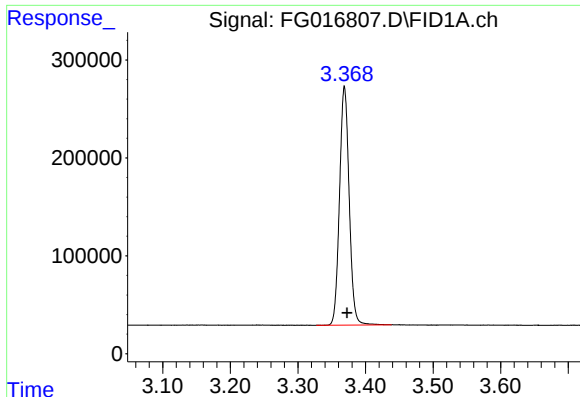
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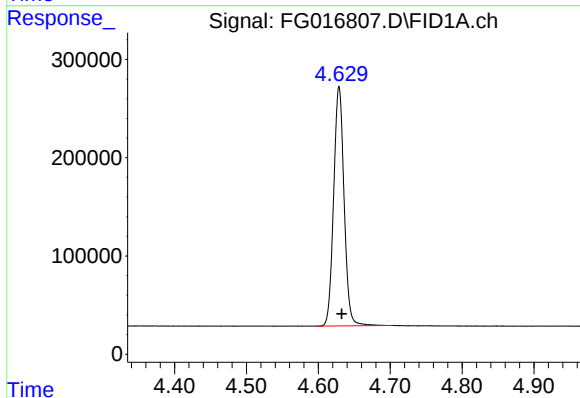




#1 n-Nonane (C9)

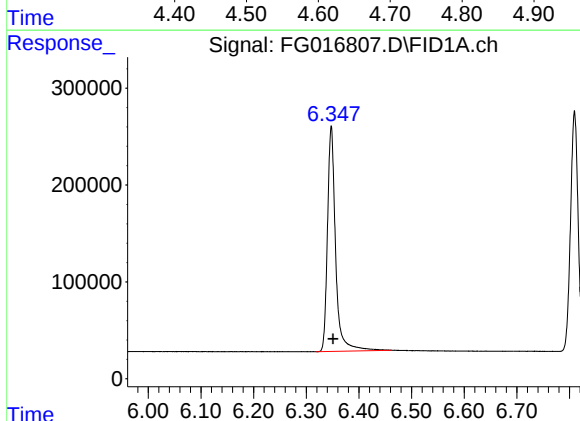
R.T.: 3.369 min
Delta R.T.: -0.004 min
Response: 2415819
Conc: 19.47 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



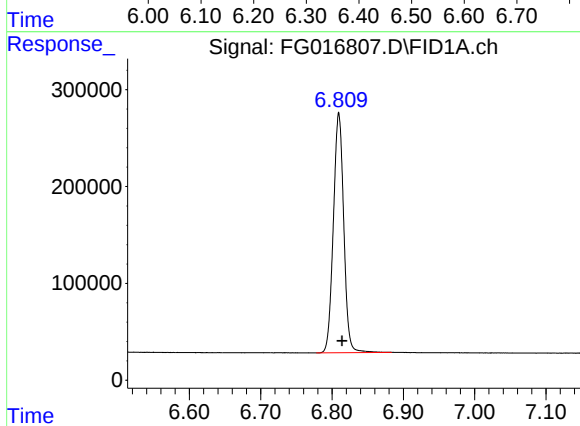
#2 n-Decane (C10)

R.T.: 4.629 min
Delta R.T.: -0.004 min
Response: 2460408
Conc: 19.45 ug/ml



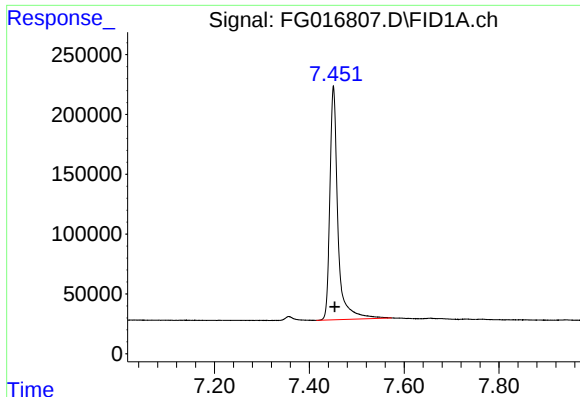
#3 A~Naphthalene (C11.7)

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 2494296
Conc: 18.81 ug/ml



#4 n-Dodecane (C12)

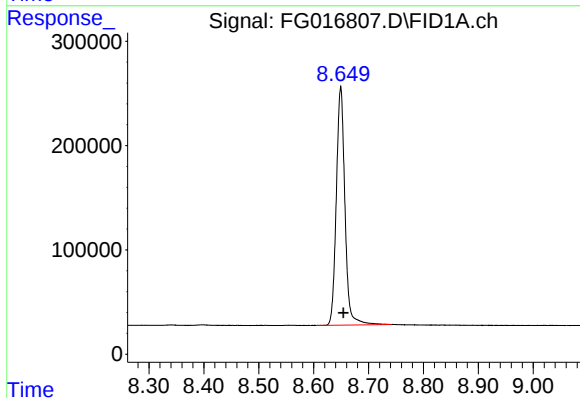
R.T.: 6.810 min
Delta R.T.: -0.005 min
Response: 2506018
Conc: 19.59 ug/ml



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

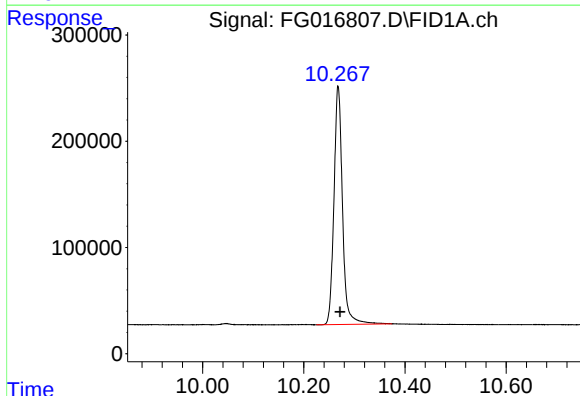
R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 2291983
Conc: 18.61 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



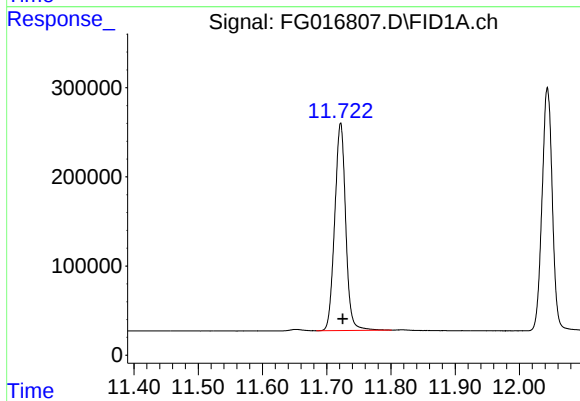
#6 n-Tetradecane (C14)

R.T.: 8.649 min
Delta R.T.: -0.005 min
Response: 2490168
Conc: 19.72 ug/ml



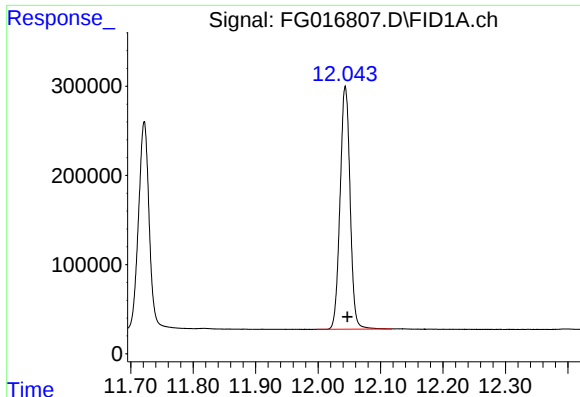
#7 n-Hexadecane (C16)

R.T.: 10.268 min
Delta R.T.: -0.004 min
Response: 2631311
Conc: 19.74 ug/ml



#8 n-Octadecane (C18)

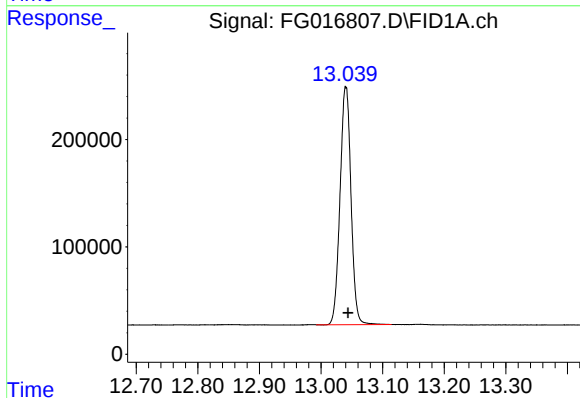
R.T.: 11.722 min
Delta R.T.: -0.003 min
Response: 2761435
Conc: 19.63 ug/ml



#9 ortho-Terphenyl (SURR)

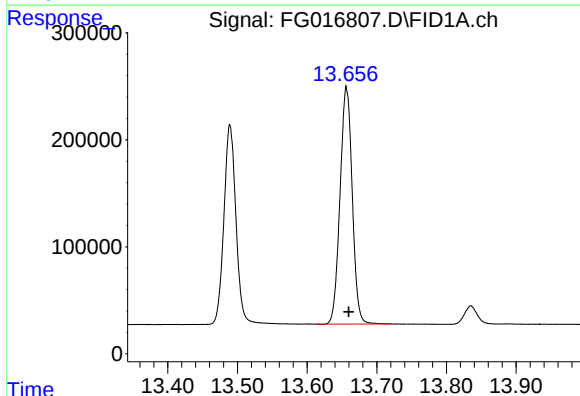
R.T.: 12.044 min
Delta R.T.: -0.003 min
Response: 3033920
Conc: 19.43 ug/ml

Instrument :
FID_G
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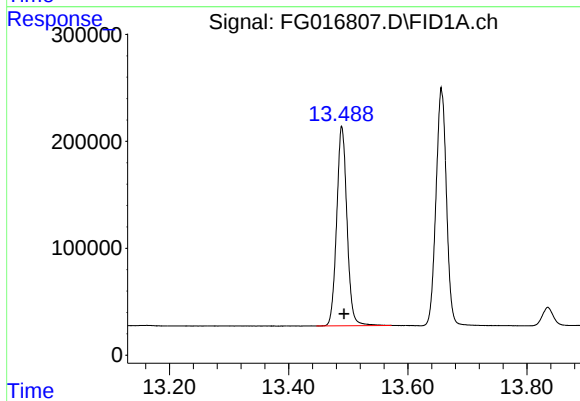
#10 n-Eicosane (C20)

R.T.: 13.040 min
Delta R.T.: -0.003 min
Response: 2742156
Conc: 19.50 ug/ml



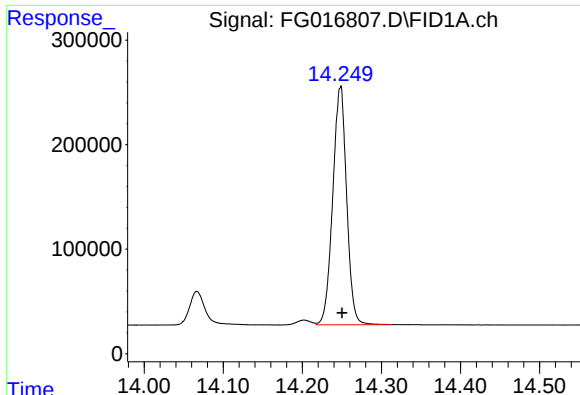
#11 n-Heneicosane (C21)

R.T.: 13.656 min
Delta R.T.: -0.003 min
Response: 2697683
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

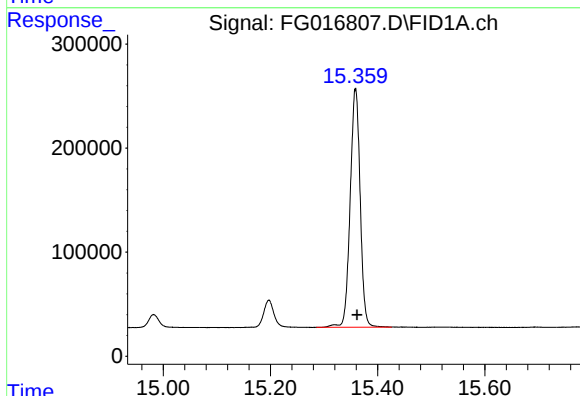
R.T.: 13.489 min
Delta R.T.: -0.004 min
Response: 2241693
Conc: 18.33 ug/ml



#13 n-Docosane (C22)

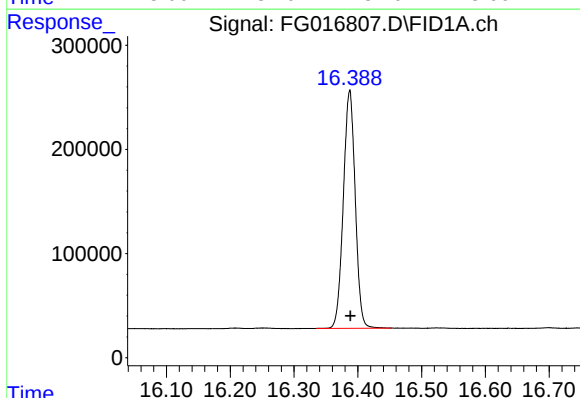
R.T.: 14.248 min
Delta R.T.: -0.002 min
Response: 2784472
Conc: 19.60 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



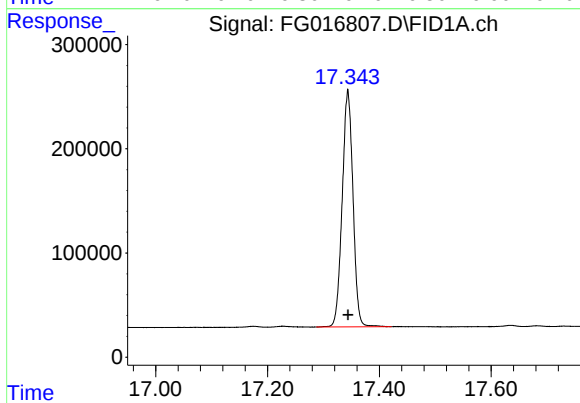
#14 n-Tetracosane (C24)

R.T.: 15.359 min
Delta R.T.: -0.003 min
Response: 2966698
Conc: 20.04 ug/ml



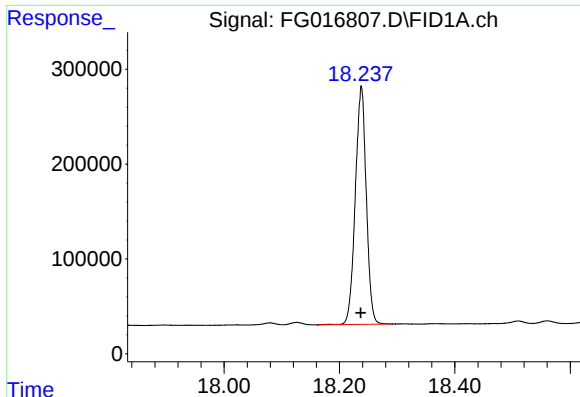
#15 n-Hexacosane (C26)

R.T.: 16.387 min
Delta R.T.: -0.001 min
Response: 2958273
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

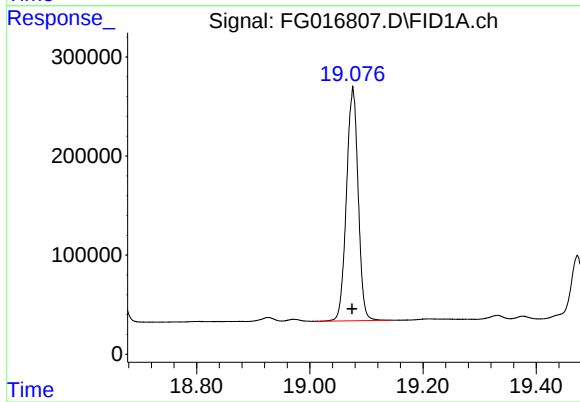
R.T.: 17.344 min
Delta R.T.: 0.000 min
Response: 3043124
Conc: 20.63 ug/ml



#17 n-Tricontane (C30)

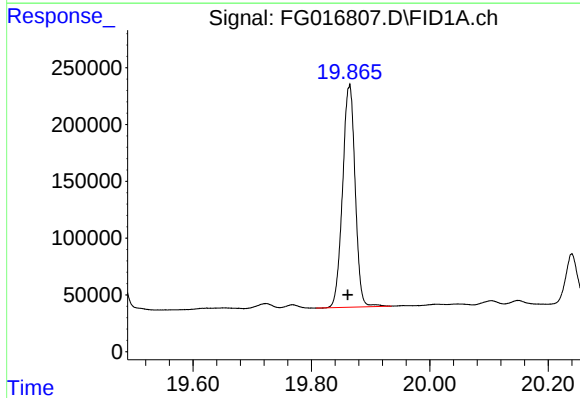
R.T.: 18.238 min
Delta R.T.: 0.001 min
Response: 3309560
Conc: 22.25 ug/ml

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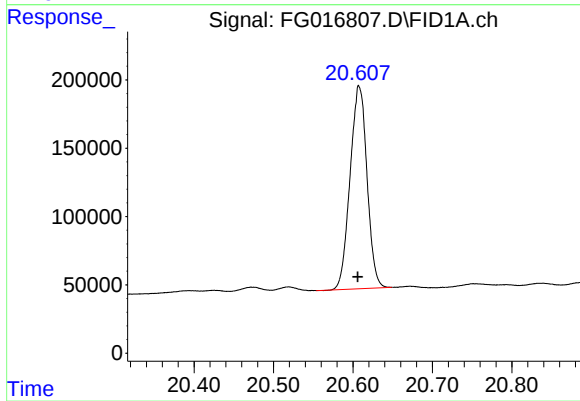
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: 0.002 min
Response: 3375779
Conc: 23.81 ug/ml



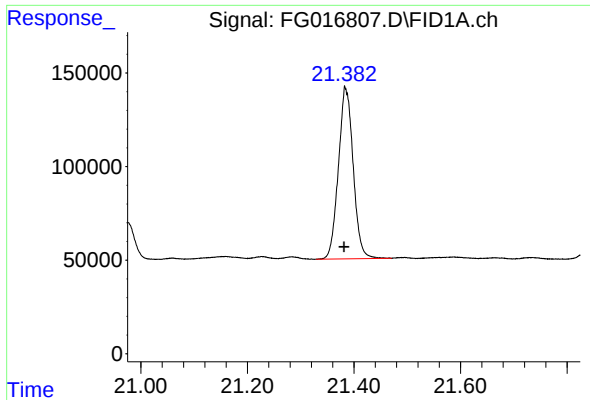
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: 0.003 min
Response: 2887959
Conc: 23.26 ug/ml



#20 n-Hexatriacontane (C36)

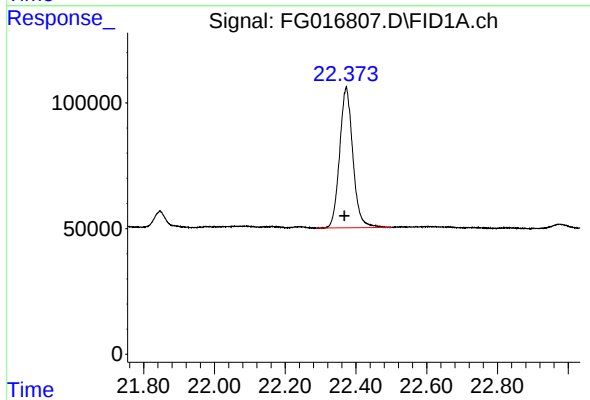
R.T.: 20.608 min
Delta R.T.: 0.002 min
Response: 2199030
Conc: 21.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: 0.002 min
Response: 1766953
Conc: 19.41 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.373 min
Delta R.T.: 0.005 min
Response: 1450270
Conc: 17.28 ug/ml