

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100225AL\
 Data File : FG016752.D
 Signal(s) : FID1A.ch
 Acq On : 02 Oct 2025 23:24
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 03 03:05:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 03:03:56 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)	12.046	1606244	11.050 ug/ml
Spiked Amount 50.000		Recovery =	22.10%
12) S 1-chlorooctadecane (S...	13.493	1256257	11.036 ug/ml
Spiked Amount 50.000		Recovery =	22.07%
Target Compounds			
1) T n-Nonane (C9)	3.373	1269764	10.894 ug/ml
2) T n-Decane (C10)	4.633	1294787	10.898 ug/ml
3) T A~Naphthalene (C11.7)	6.351	1329238	10.591 ug/ml
4) T n-Dodecane (C12)	6.813	1302198	10.836 ug/ml
5) T A~2-methylnaphthalene...	7.454	1199760	10.168 ug/ml
6) T n-Tetradecane (C14)	8.653	1283788	10.770 ug/ml
7) T n-Hexadecane (C16)	10.272	1358001	10.816 ug/ml
8) T n-Octadecane (C18)	11.725	1441999	10.967 ug/ml
10) T n-Eicosane (C20)	13.043	1446621	11.108 ug/ml
11) T n-Heneicosane (C21)	13.660	1437470	11.114 ug/ml
13) T n-Docosane (C22)	14.250	1458378	11.225 ug/ml
14) T n-Tetracosane (C24)	15.360	1520799	11.563 ug/ml
15) T n-Hexacosane (C26)	16.389	1525224	11.689 ug/ml
16) T n-Octacosane (C28)	17.344	1516478	11.941 ug/ml
17) T n-Tricontane (C30)	18.236	1543365	12.239 ug/ml
18) T n-Dotriacontane (C32)	19.076	1483753	12.527 ug/ml
19) T n-Tetratriacontane (C34)	19.863	1305476	12.296 ug/ml
20) T n-Hexatriacontane (C36)	20.607	1086293	11.969 ug/ml
21) T n-Octatriacontane (C38)	21.385	964517	11.815 ug/ml
22) T n-Tetracontane (C40)	22.370	899132	11.982 ug/ml

(f)=RT Delta > 1/2 Window

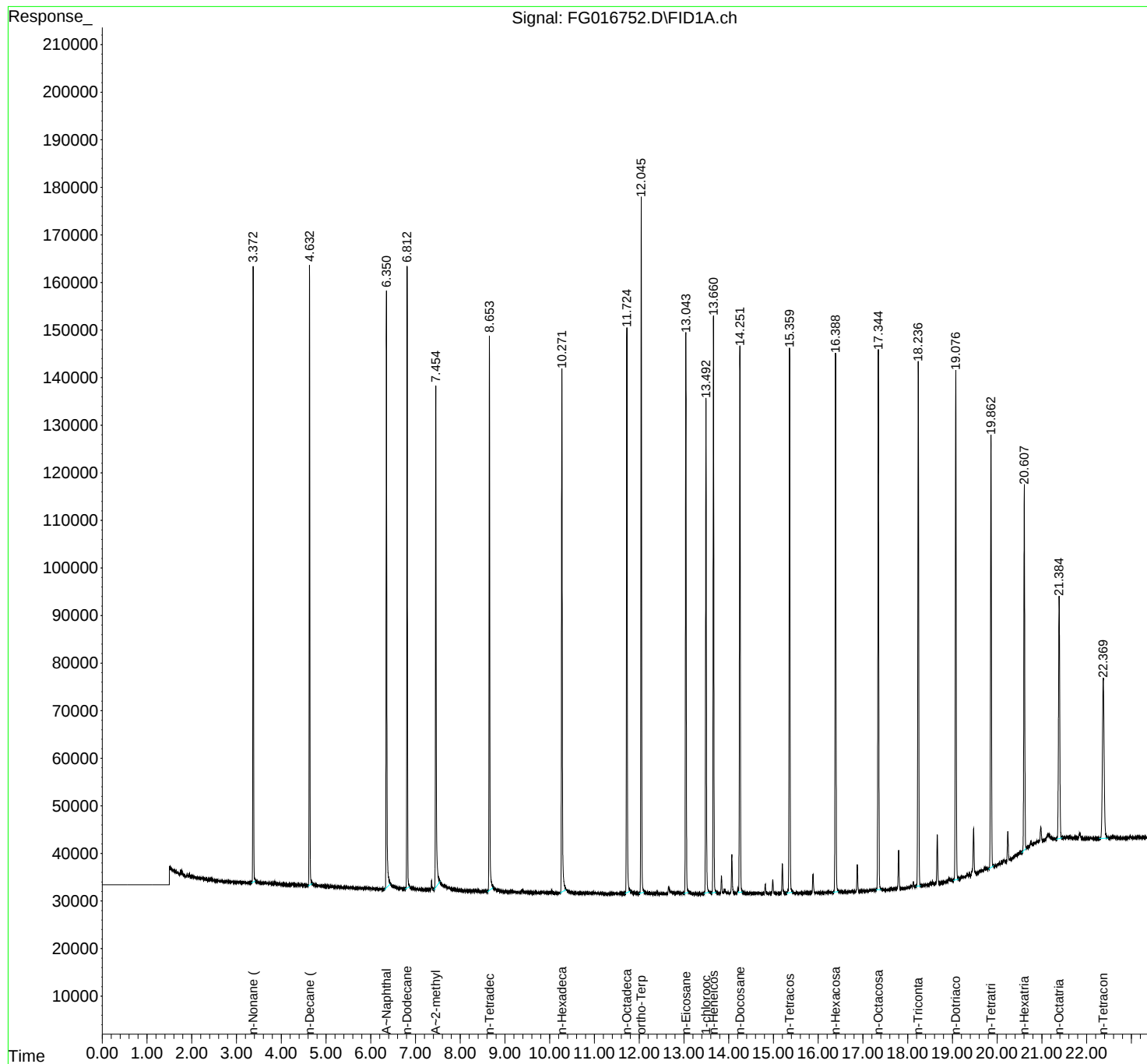
(m)=manual int.

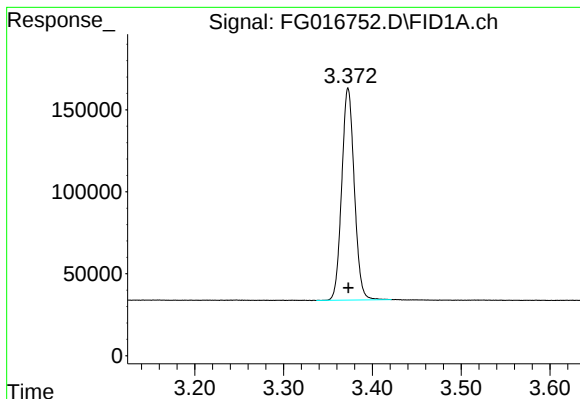
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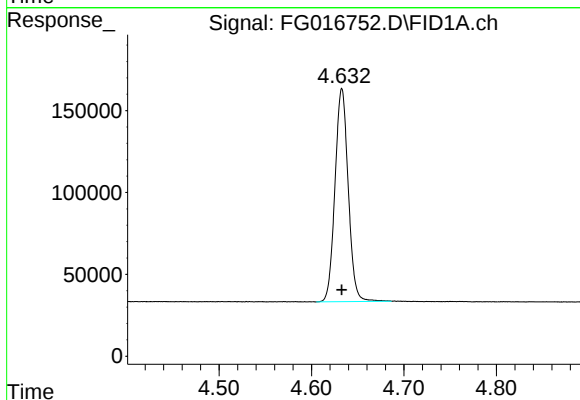




#1 n-Nonane (C9)

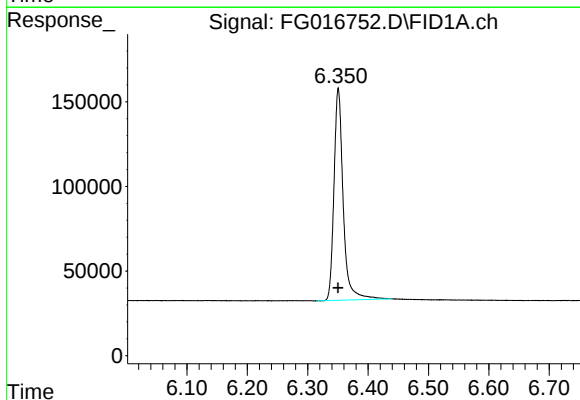
R.T.: 3.373 min
Delta R.T.: 0.000 min
Response: 1269764
Conc: 10.89 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



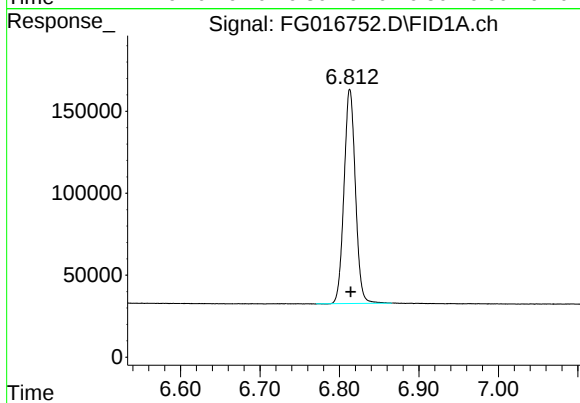
#2 n-Decane (C10)

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 1294787
Conc: 10.90 ug/ml



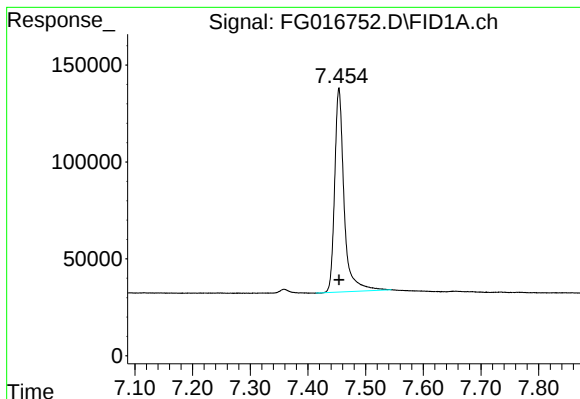
#3 A~Naphthalene (C11.7)

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 1329238
Conc: 10.59 ug/ml



#4 n-Dodecane (C12)

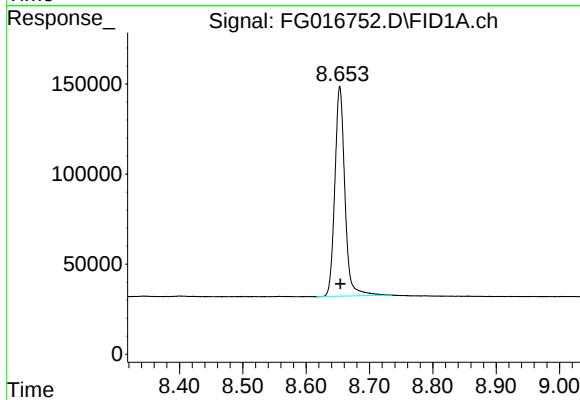
R.T.: 6.813 min
Delta R.T.: -0.001 min
Response: 1302198
Conc: 10.84 ug/ml



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

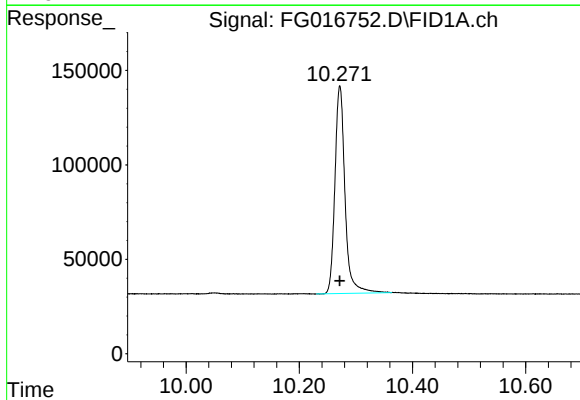
R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 1199760
Conc: 10.17 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



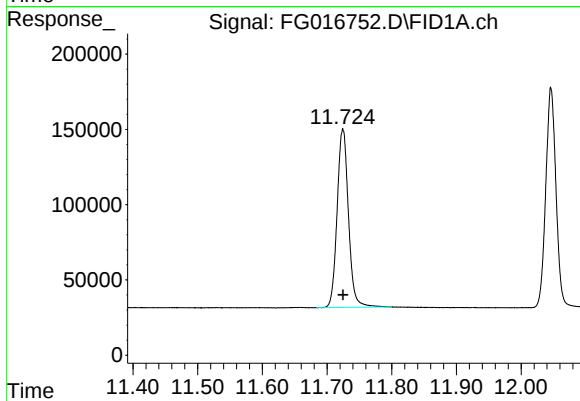
#6 n-Tetradecane (C14)

R.T.: 8.653 min
Delta R.T.: -0.001 min
Response: 1283788
Conc: 10.77 ug/ml



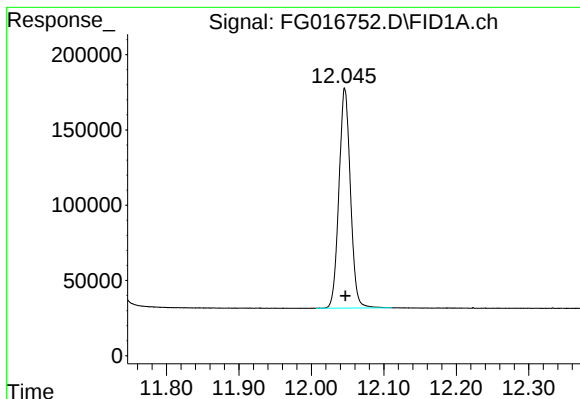
#7 n-Hexadecane (C16)

R.T.: 10.272 min
Delta R.T.: 0.000 min
Response: 1358001
Conc: 10.82 ug/ml



#8 n-Octadecane (C18)

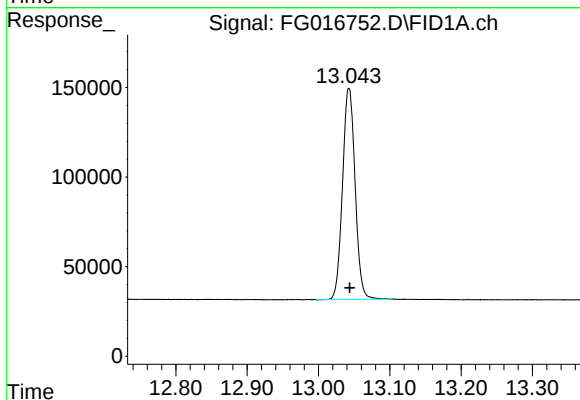
R.T.: 11.725 min
Delta R.T.: 0.000 min
Response: 1441999
Conc: 10.97 ug/ml



#9 ortho-Terphenyl (SURR)

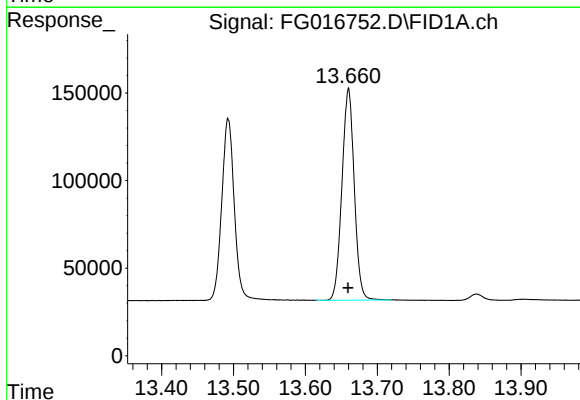
R.T.: 12.046 min
Delta R.T.: 0.000 min
Response: 1606244
Conc: 11.05 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



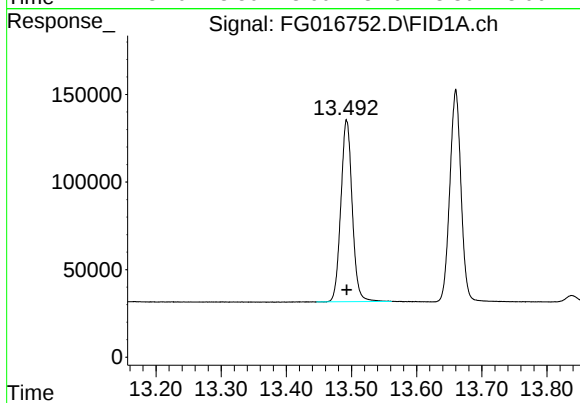
#10 n-Eicosane (C20)

R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 1446621
Conc: 11.11 ug/ml



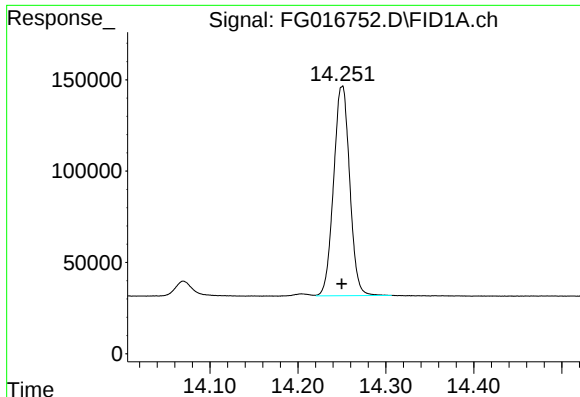
#11 n-Heneicosane (C21)

R.T.: 13.660 min
Delta R.T.: 0.000 min
Response: 1437470
Conc: 11.11 ug/ml



#12 1-chlorooctadecane (SURR)

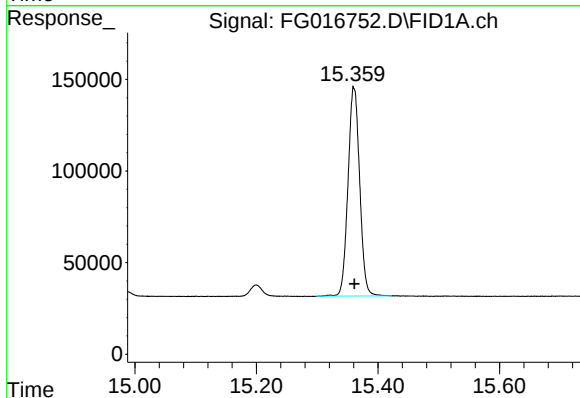
R.T.: 13.493 min
Delta R.T.: 0.000 min
Response: 1256257
Conc: 11.04 ug/ml



#13 n-Docosane (C22)

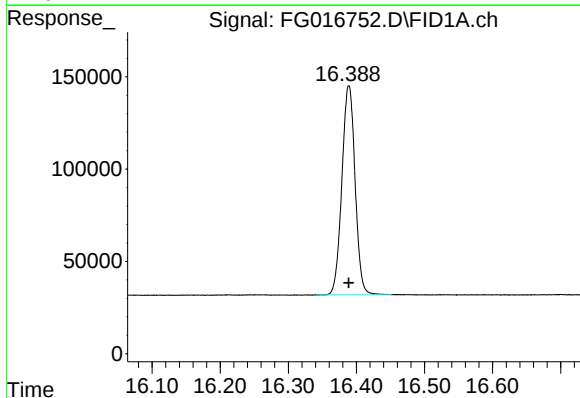
R.T.: 14.250 min
Delta R.T.: 0.000 min
Response: 1458378
Conc: 11.22 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



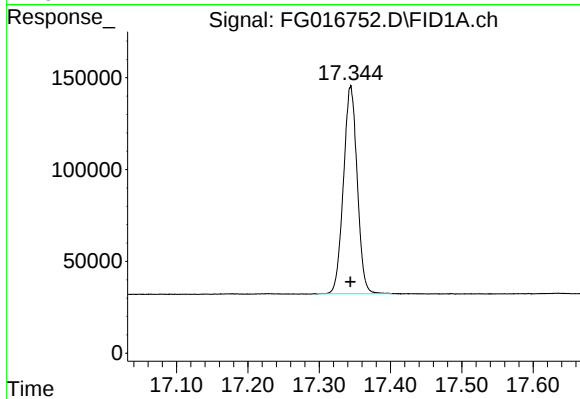
#14 n-Tetracosane (C24)

R.T.: 15.360 min
Delta R.T.: -0.001 min
Response: 1520799
Conc: 11.56 ug/ml



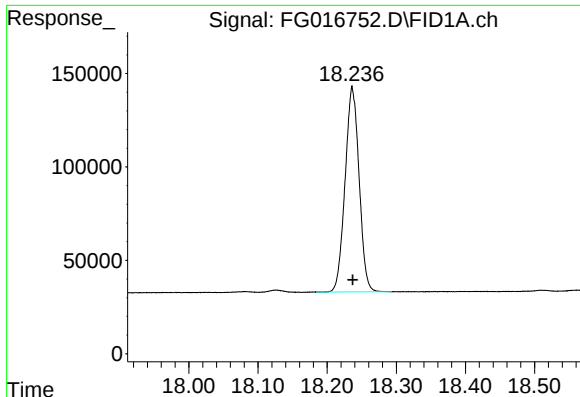
#15 n-Hexacosane (C26)

R.T.: 16.389 min
Delta R.T.: 0.000 min
Response: 1525224
Conc: 11.69 ug/ml



#16 n-Octacosane (C28)

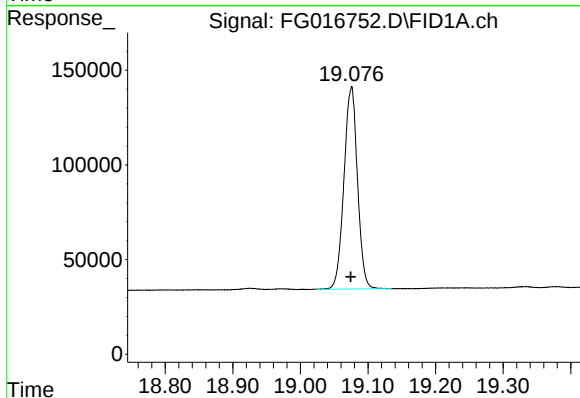
R.T.: 17.344 min
Delta R.T.: 0.000 min
Response: 1516478
Conc: 11.94 ug/ml



#17 n-Tricontane (C30)

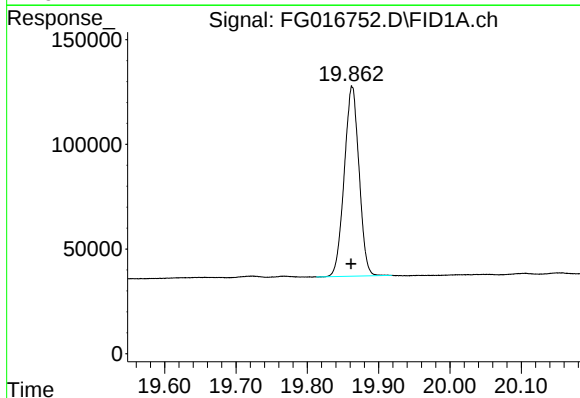
R.T.: 18.236 min
Delta R.T.: 0.000 min
Response: 1543365
Conc: 12.24 ug/ml

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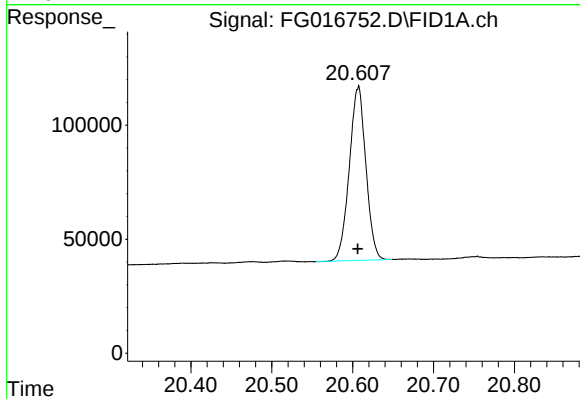
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: 0.001 min
Response: 1483753
Conc: 12.53 ug/ml



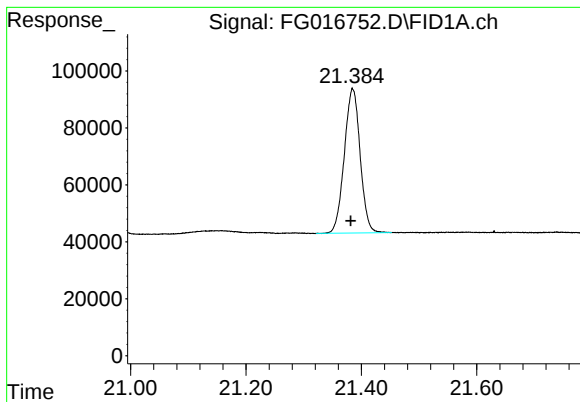
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: 0.001 min
Response: 1305476
Conc: 12.30 ug/ml



#20 n-Hexatriacontane (C36)

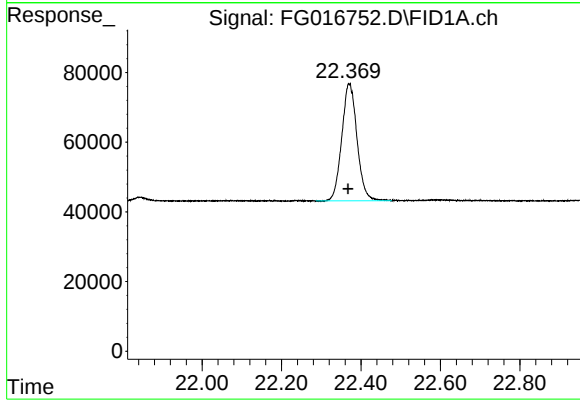
R.T.: 20.607 min
Delta R.T.: 0.001 min
Response: 1086293
Conc: 11.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: 0.003 min
Response: 964517
Conc: 11.81 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.370 min
Delta R.T.: 0.002 min
Response: 899132
Conc: 11.98 ug/ml