

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012825AL\
 Data File : FG015184.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jan 2025 16:20
 Operator : YP\AJ
 Sample : PB166218BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB166218BS

Integration File: autoint1.e
 Quant Time: Jan 29 02:34:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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			
12) S 1-chlorooctadecane (S...	13.386	5562109	45.680 ug/ml
Spiked Amount 50.000		Recovery =	91.36%
Target Compounds			
1) T n-Nonane (C9)	3.281	3612920	27.827 ug/ml
2) T n-Decane (C10)	4.540	4504308	33.895 ug/ml
4) T n-Dodecane (C12)	6.720	5282180	38.856 ug/ml
6) T n-Tetradecane (C14)	8.559	6153130	44.742 ug/ml
7) T n-Hexadecane (C16)	10.175	6893159	47.573 ug/ml
8) T n-Octadecane (C18)	11.625	7916527	53.264 ug/ml
10) T n-Eicosane (C20)	12.941	8383911	58.410 ug/ml
11) T n-Heneicosane (C21)	13.555	8067621	57.058 ug/ml
13) T n-Docosane (C22)	14.144	8038143	57.170 ug/ml
14) T n-Tetracosane (C24)	15.252	7894531	56.720 ug/ml
15) T n-Hexacosane (C26)	16.278	7682019	56.715 ug/ml
16) T n-Octacosane (C28)	17.231	7449836	56.611 ug/ml
17) T n-Tricontane (C30)	18.121	7371534	55.568 ug/ml
18) T n-Dotriacontane (C32)	18.954	7113942	56.405 ug/ml
19) T n-Tetratriacontane (C34)	19.743	6857927	62.985 ug/ml
20) T n-Hexatriacontane (C36)	20.483	6504420	69.669 ug/ml
21) T n-Octatriacontane (C38)	21.232	6359416	72.468 ug/ml
22) T n-Tetracontane (C40)	22.174	6231395	73.516 ug/ml

(f)=RT Delta > 1/2 Window

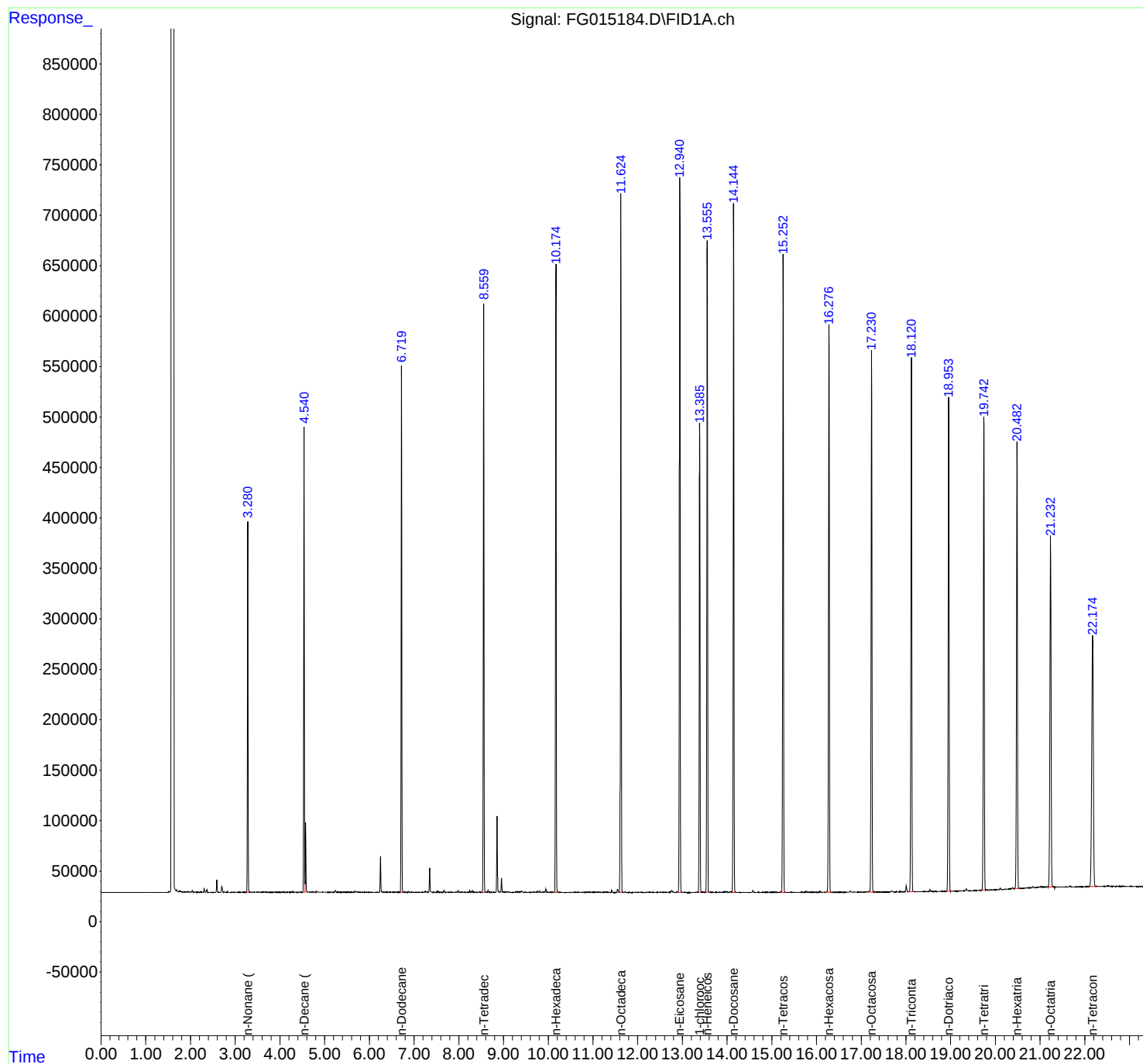
(m)=manual int.

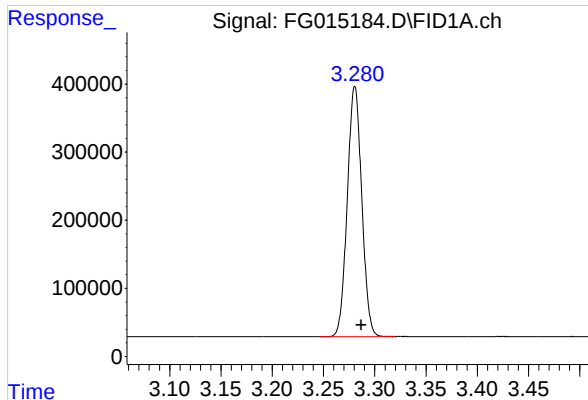
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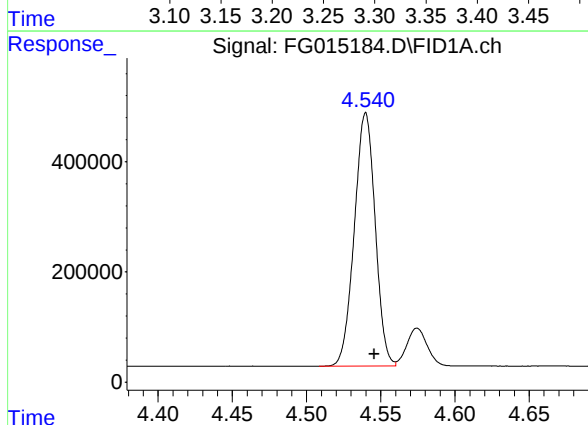




#1 n-Nonane (C9)

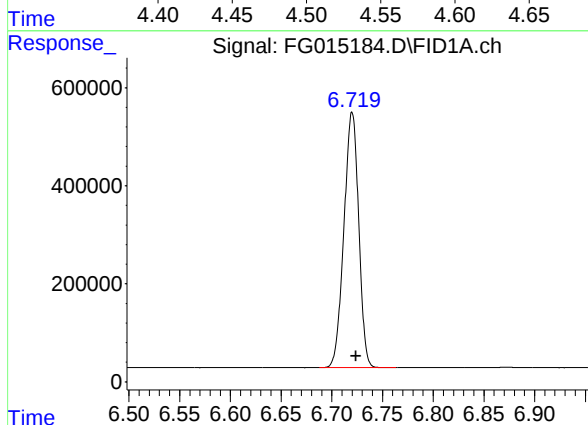
R.T.: 3.281 min
Delta R.T.: -0.006 min
Response: 3612920
Conc: 27.83 ug/ml

Instrument :
FID_G
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PB166218BS



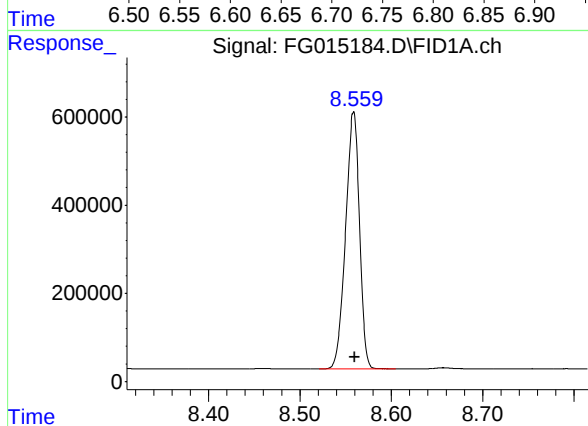
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.006 min
Response: 4504308
Conc: 33.89 ug/ml



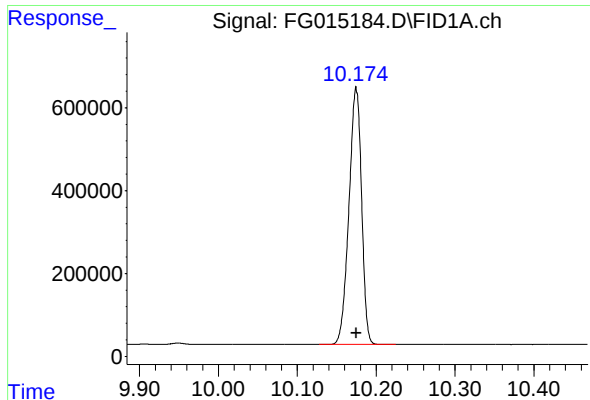
#4 n-Dodecane (C12)

R.T.: 6.720 min
Delta R.T.: -0.004 min
Response: 5282180
Conc: 38.86 ug/ml



#6 n-Tetradecane (C14)

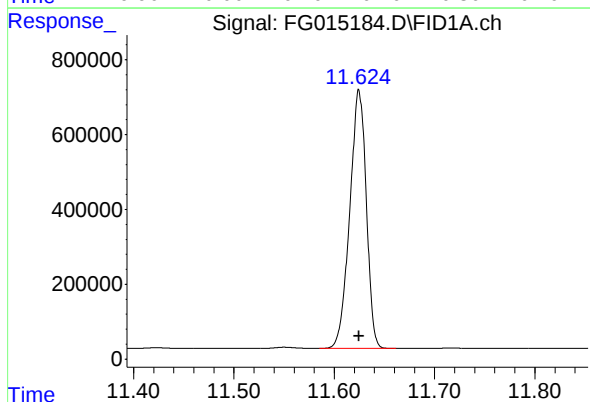
R.T.: 8.559 min
Delta R.T.: -0.001 min
Response: 6153130
Conc: 44.74 ug/ml



#7 n-Hexadecane (C16)

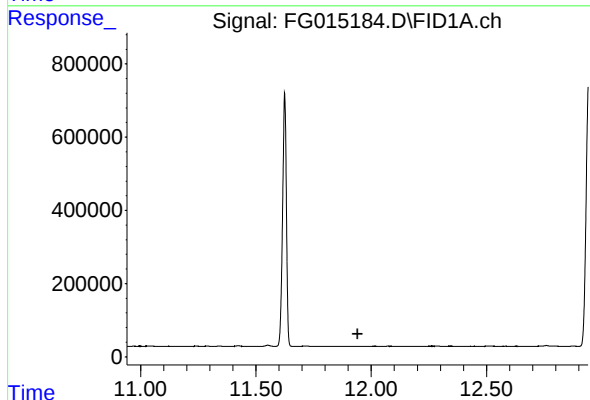
R.T.: 10.175 min
Delta R.T.: 0.000 min
Response: 6893159
Conc: 47.57 ug/ml

Instrument :
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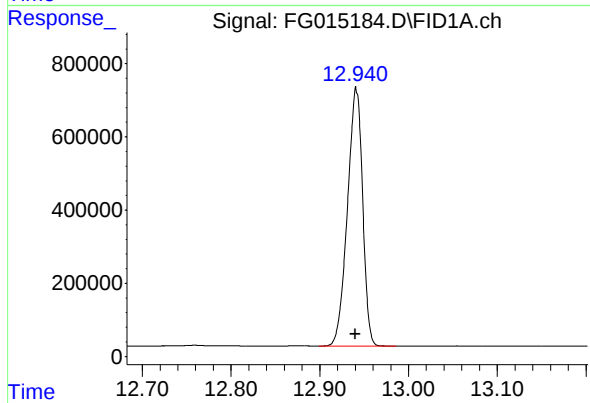
#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 7916527
Conc: 53.26 ug/ml



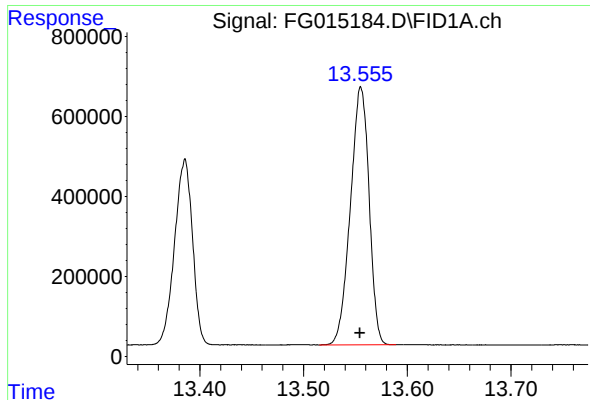
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

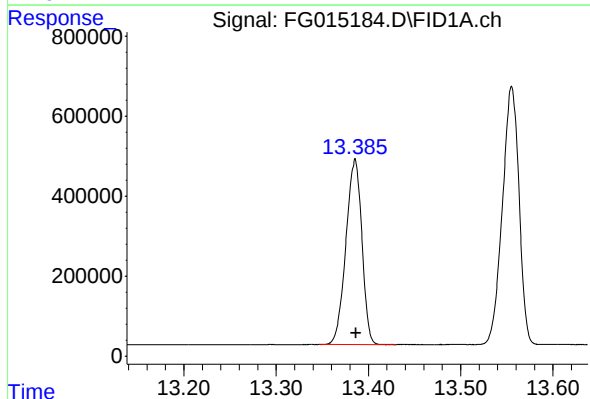
R.T.: 12.941 min
Delta R.T.: 0.001 min
Response: 8383911
Conc: 58.41 ug/ml



#11 n-Heneicosane (C21)

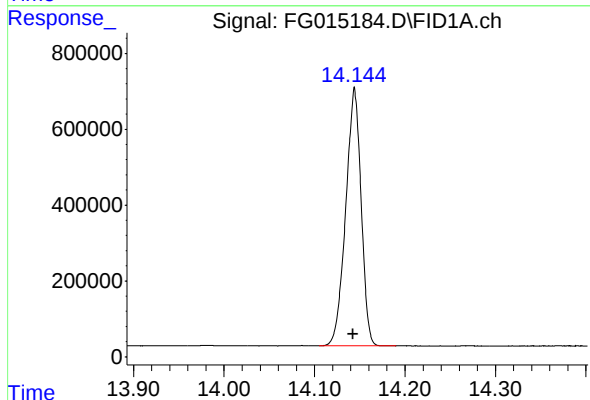
R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 8067621
Conc: 57.06 ug/ml

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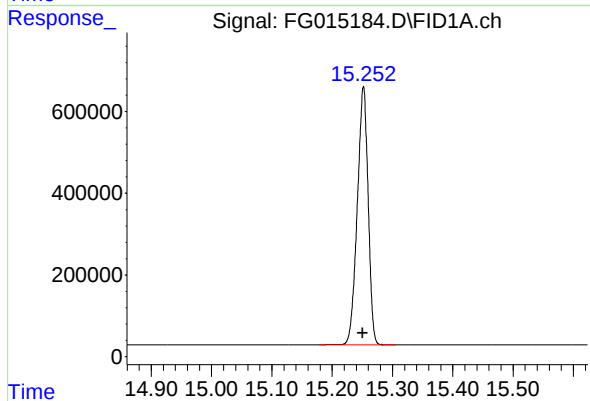
#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: 0.000 min
Response: 5562109
Conc: 45.68 ug/ml



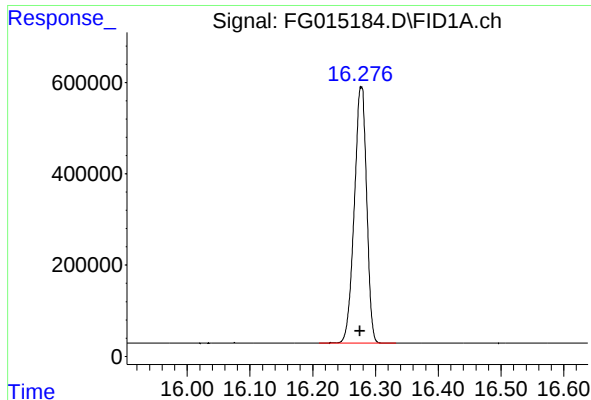
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: 0.002 min
Response: 8038143
Conc: 57.17 ug/ml



#14 n-Tetracosane (C24)

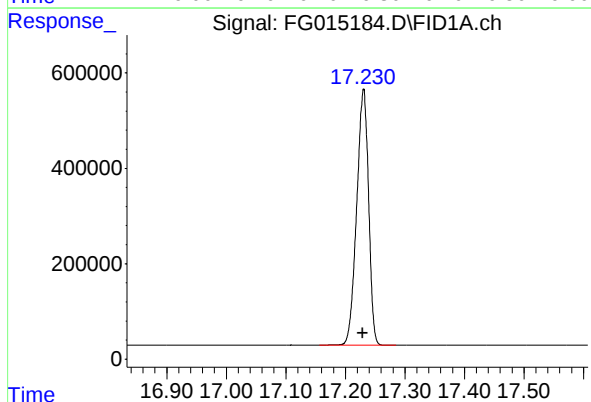
R.T.: 15.252 min
Delta R.T.: 0.001 min
Response: 7894531
Conc: 56.72 ug/ml



#15 n-Hexacosane (C26)

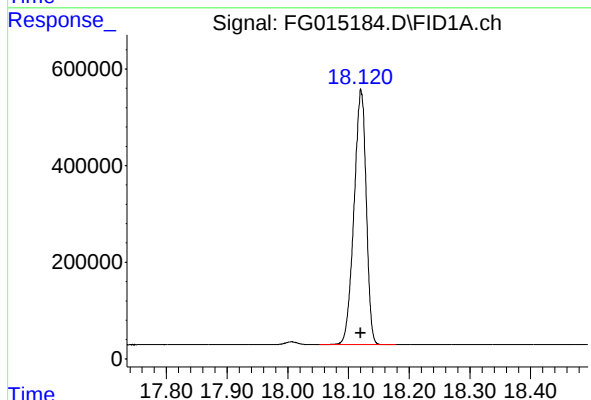
R.T.: 16.278 min
Delta R.T.: 0.002 min
Response: 7682019
Conc: 56.72 ug/ml

Instrument :
FID_G
ClientSampleId :
PB166218BS



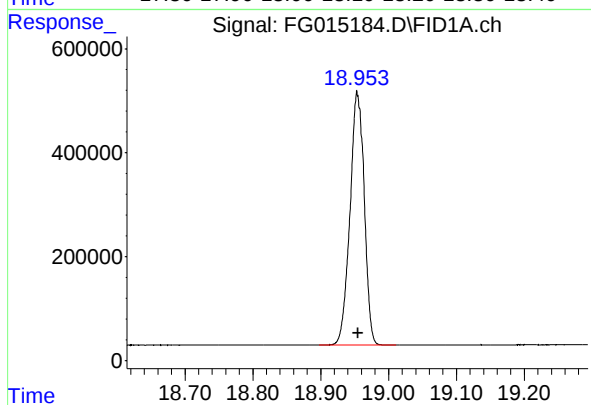
#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.002 min
Response: 7449836
Conc: 56.61 ug/ml



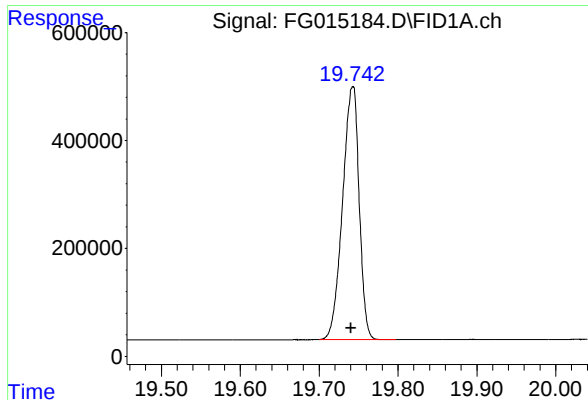
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 7371534
Conc: 55.57 ug/ml



#18 n-Dotriacontane (C32)

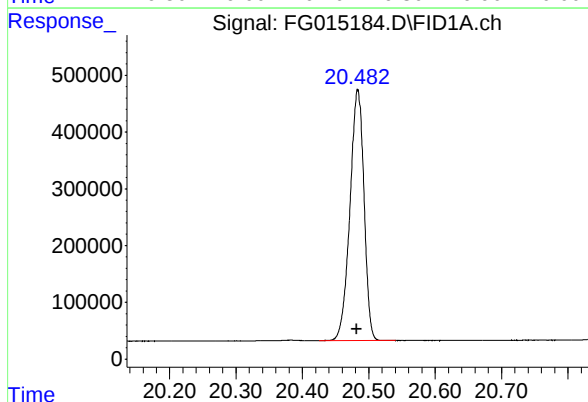
R.T.: 18.954 min
Delta R.T.: -0.002 min
Response: 7113942
Conc: 56.40 ug/ml



#19 n-Tetratriacontane (C34)

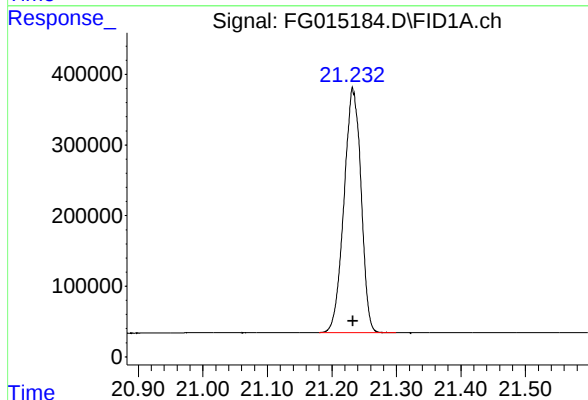
R.T.: 19.743 min
Delta R.T.: 0.002 min
Response: 6857927
Conc: 62.98 ug/ml

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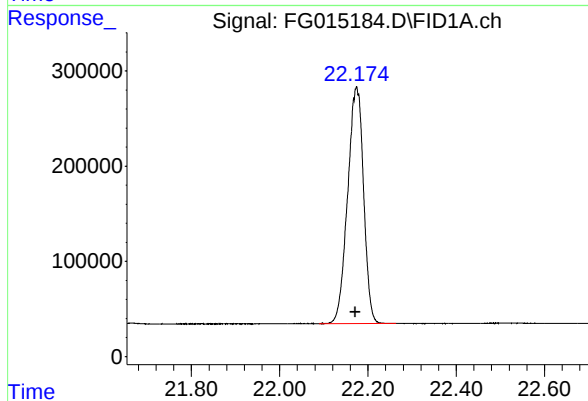
#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: 0.002 min
Response: 6504420
Conc: 69.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.232 min
Delta R.T.: 0.000 min
Response: 6359416
Conc: 72.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.174 min
Delta R.T.: 0.002 min
Response: 6231395
Conc: 73.52 ug/ml