

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325AL\
 Data File : FG015129.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jan 2025 04:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 23 07:18:35 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			
9) S ortho-Terphenyl (SURR)	11.941	3237985	20.710 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
12) S 1-chlorooctadecane (S...	13.386	2508432	20.601 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
Target Compounds			
1) T n-Nonane (C9)	3.286	2720333	20.952 ug/ml
2) T n-Decane (C10)	4.544	2795358	21.035 ug/ml
3) T A~Naphthalene (C11.7)	6.254	3080032	21.091 ug/ml
4) T n-Dodecane (C12)	6.723	2858930	21.031 ug/ml
5) T A~2-methylnaphthalene...	7.355	3002754	21.034 ug/ml
6) T n-Tetradecane (C14)	8.560	2889363	21.010 ug/ml
7) T n-Hexadecane (C16)	10.175	3027329	20.893 ug/ml
8) T n-Octadecane (C18)	11.625	3079139	20.717 ug/ml
10) T n-Eicosane (C20)	12.940	2958762	20.614 ug/ml
11) T n-Heneicosane (C21)	13.555	2903784	20.537 ug/ml
13) T n-Docosane (C22)	14.144	2879141	20.477 ug/ml
14) T n-Tetracosane (C24)	15.251	2830312	20.335 ug/ml
15) T n-Hexacosane (C26)	16.276	2735910	20.199 ug/ml
16) T n-Octacosane (C28)	17.229	2649359	20.132 ug/ml
17) T n-Tricontane (C30)	18.120	2667875	20.111 ug/ml
18) T n-Dotriacontane (C32)	18.953	2531099	20.068 ug/ml
19) T n-Tetratriacontane (C34)	19.740	2183741	20.056 ug/ml
20) T n-Hexatriacontane (C36)	20.482	1870230	20.032 ug/ml
21) T n-Octatriacontane (C38)	21.231	1752298	19.968 ug/ml
22) T n-Tetracontane (C40)	22.173	1721735	20.312 ug/ml

(f)=RT Delta > 1/2 Window

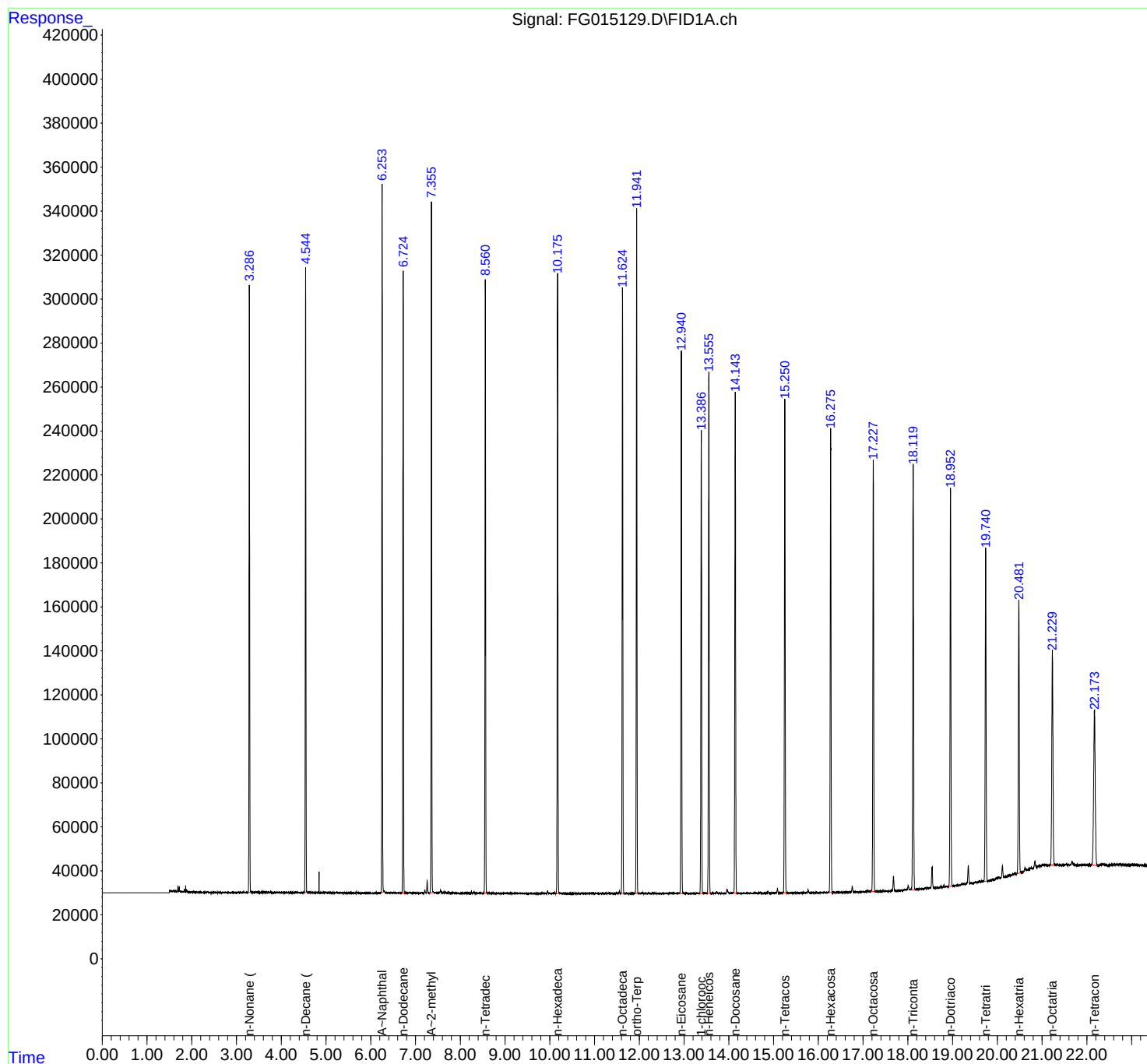
(m)=manual int.

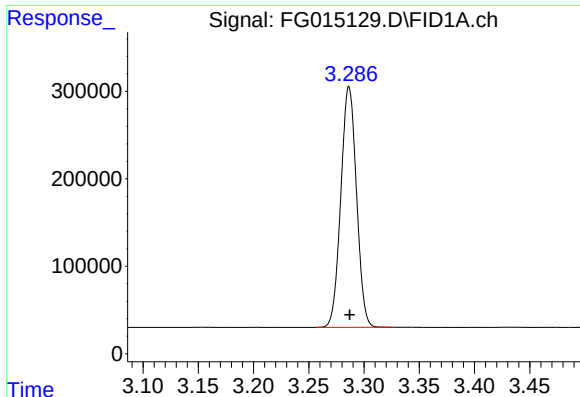
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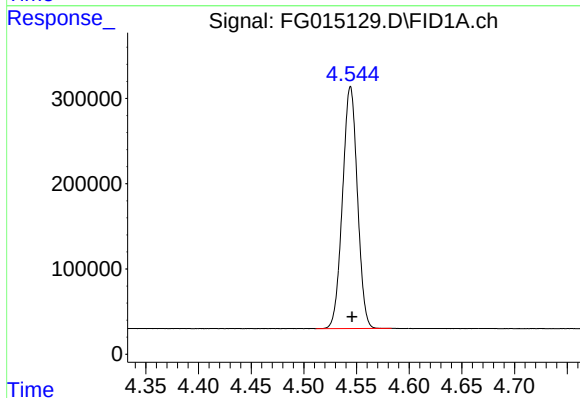




#1 n-Nonane (C9)

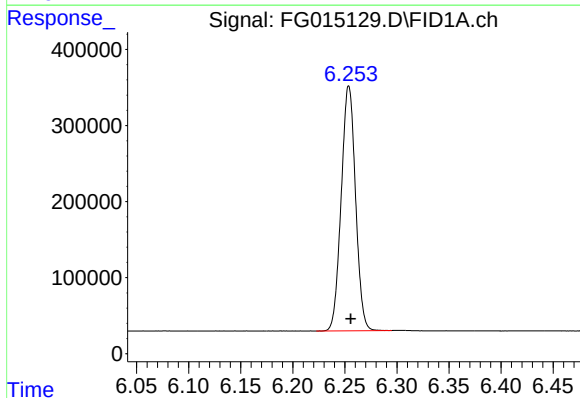
R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 2720333
Conc: 20.95 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



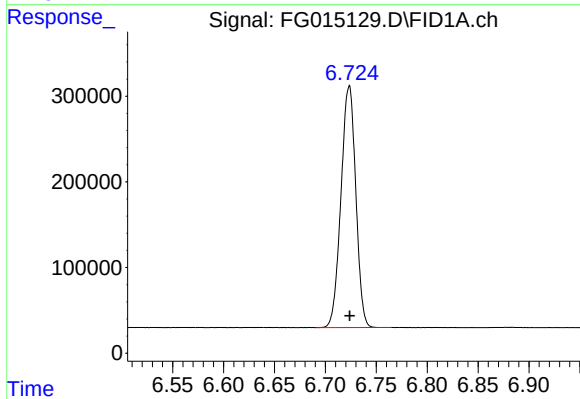
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 2795358
Conc: 21.04 ug/ml



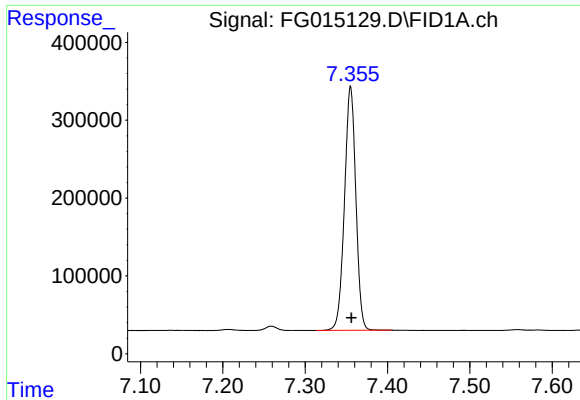
#3 A~Naphthalene (C11.7)

R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 3080032
Conc: 21.09 ug/ml



#4 n-Dodecane (C12)

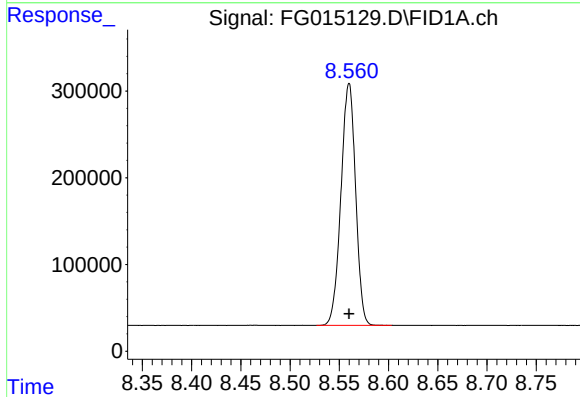
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 2858930
Conc: 21.03 ug/ml



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

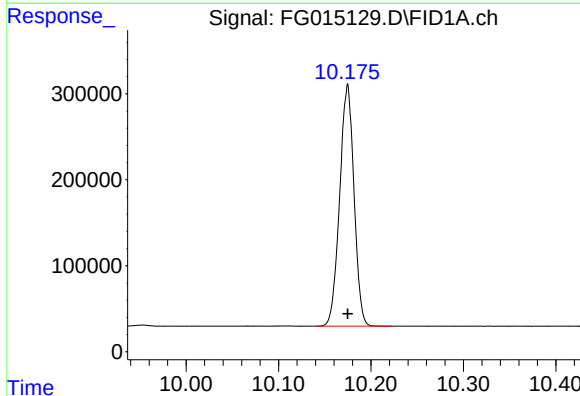
R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 3002754
Conc: 21.03 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



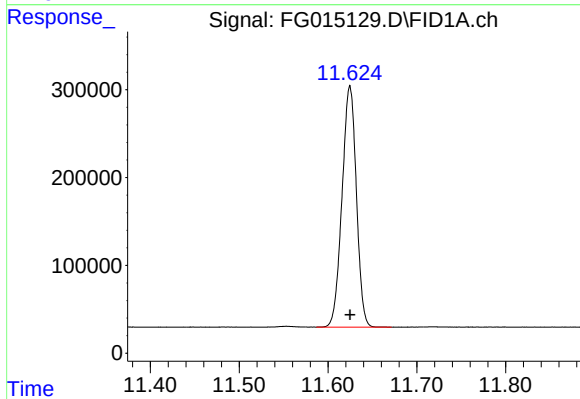
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: 0.000 min
Response: 2889363
Conc: 21.01 ug/ml



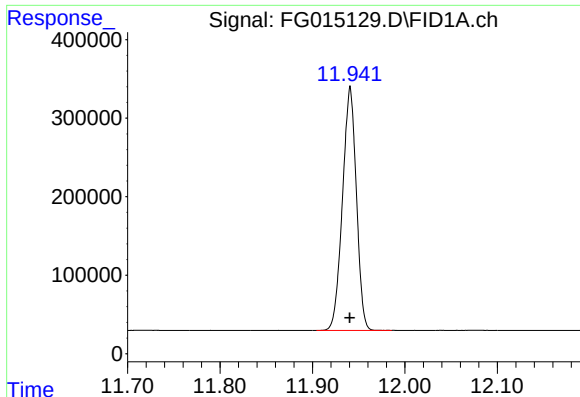
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: 0.000 min
Response: 3027329
Conc: 20.89 ug/ml



#8 n-Octadecane (C18)

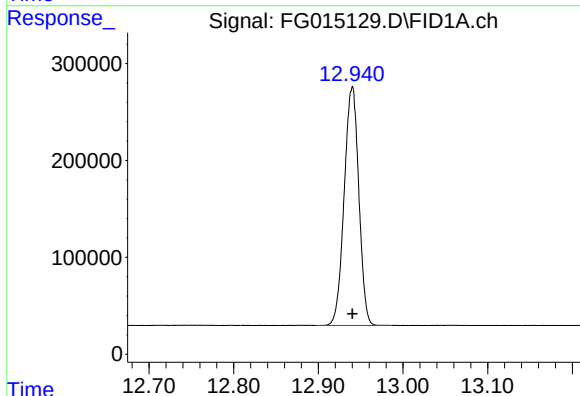
R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 3079139
Conc: 20.72 ug/ml



#9 ortho-Terphenyl (SURR)

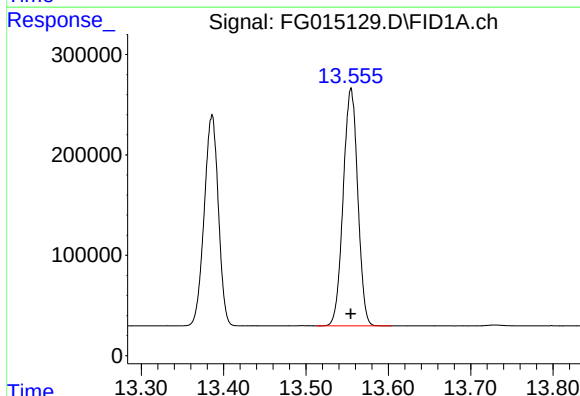
R.T.: 11.941 min
Delta R.T.: 0.000 min
Response: 3237985
Conc: 20.71 ug/ml

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20 PPM ALIPHATIC HC STD



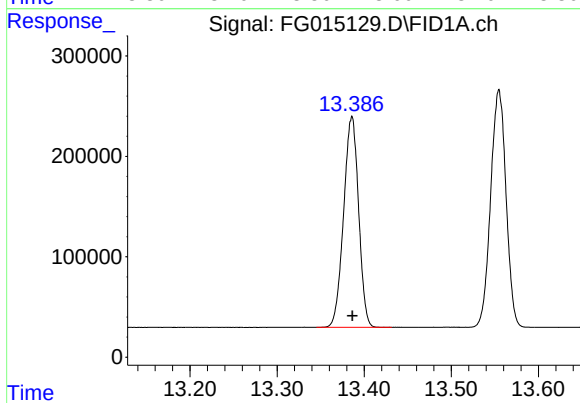
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 2958762
Conc: 20.61 ug/ml



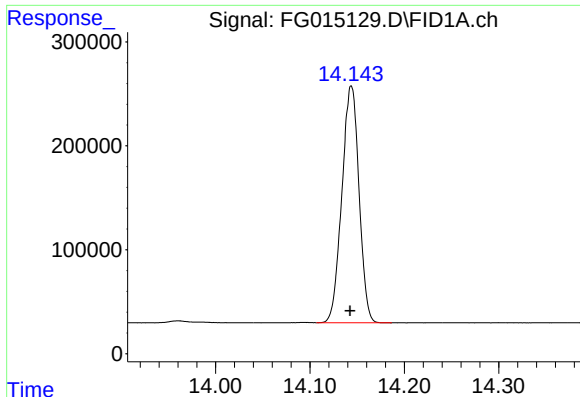
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 2903784
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

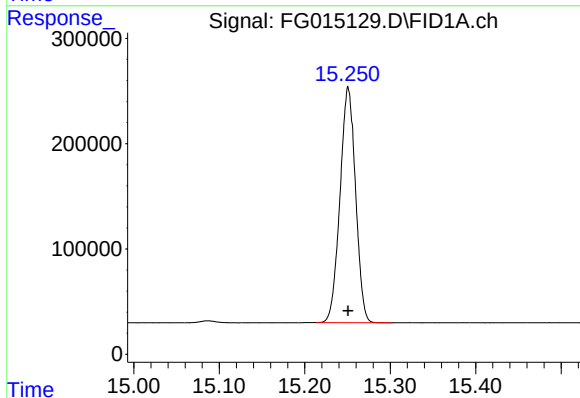
R.T.: 13.386 min
Delta R.T.: 0.000 min
Response: 2508432
Conc: 20.60 ug/ml



#13 n-Docosane (C22)

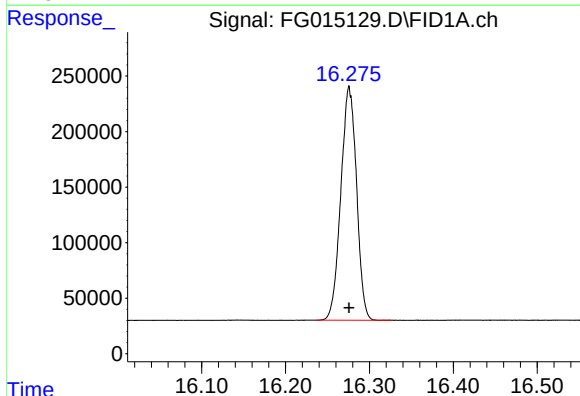
R.T.: 14.144 min
Delta R.T.: 0.001 min
Response: 2879141
Conc: 20.48 ug/ml

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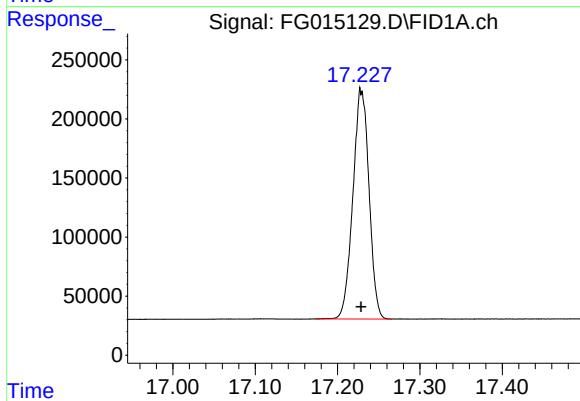
#14 n-Tetracosane (C24)

R.T.: 15.251 min
Delta R.T.: 0.000 min
Response: 2830312
Conc: 20.34 ug/ml



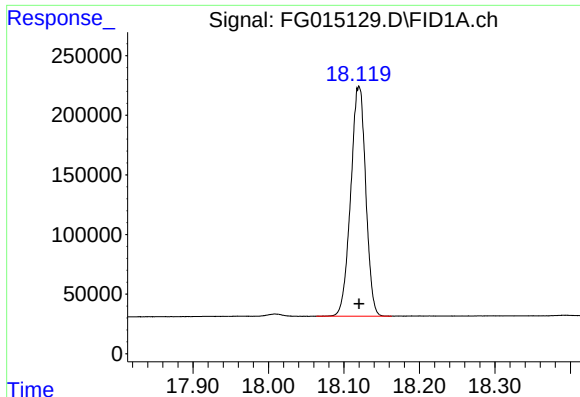
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: 0.000 min
Response: 2735910
Conc: 20.20 ug/ml



#16 n-Octacosane (C28)

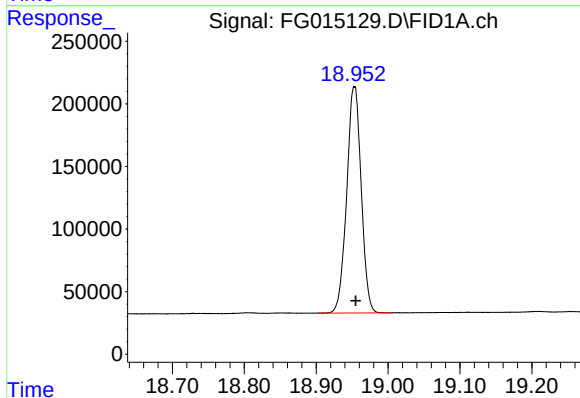
R.T.: 17.229 min
Delta R.T.: 0.000 min
Response: 2649359
Conc: 20.13 ug/ml



#17 n-Tricontane (C30)

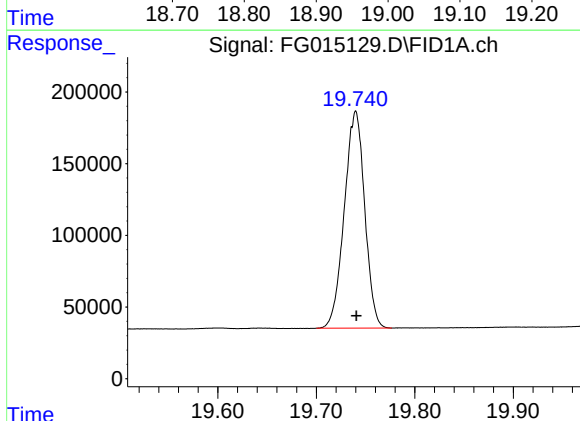
R.T.: 18.120 min
Delta R.T.: 0.000 min
Response: 2667875
Conc: 20.11 ug/ml

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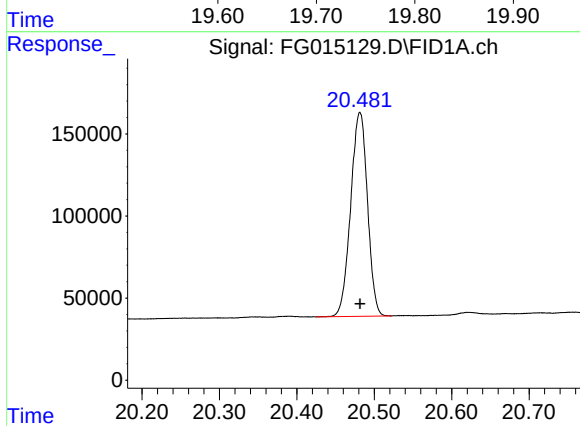
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: -0.002 min
Response: 2531099
Conc: 20.07 ug/ml



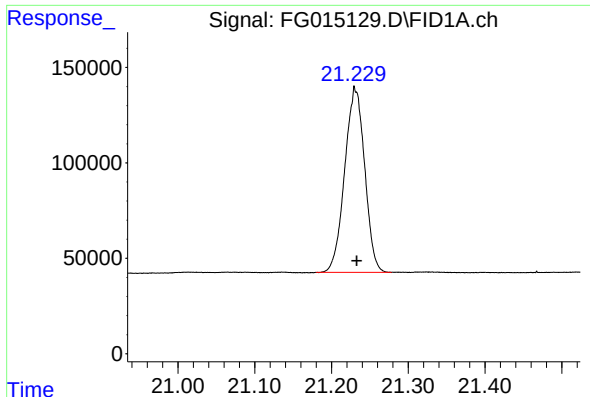
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.000 min
Response: 2183741
Conc: 20.06 ug/ml



#20 n-Hexatriacontane (C36)

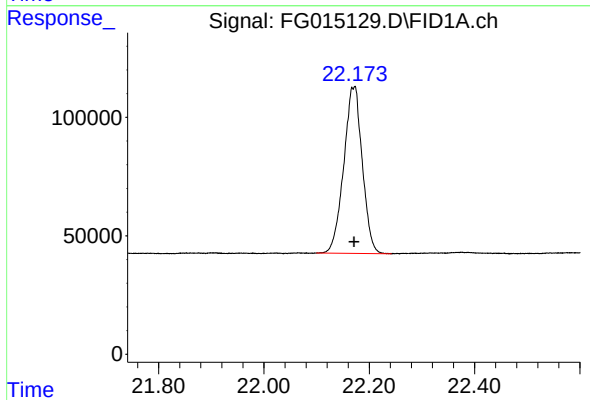
R.T.: 20.482 min
Delta R.T.: 0.000 min
Response: 1870230
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.231 min
Delta R.T.: -0.002 min
Response: 1752298
Conc: 19.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.173 min
Delta R.T.: 0.001 min
Response: 1721735
Conc: 20.31 ug/ml