

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012225AL\
 Data File : FG015126.D
 Signal(s) : FID1A.ch
 Acq On : 22 Jan 2025 18:52
 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: Jan 23 02:16:54 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)	11.942	2878545	18.411 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
12) S 1-chlorooctadecane (S...	13.386	2250362	18.482 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
Target Compounds			
1) T n-Nonane (C9)	3.285	2409715	18.560 ug/ml
2) T n-Decane (C10)	4.544	2473811	18.615 ug/ml
3) T A~Naphthalene (C11.7)	6.255	2727359	18.676 ug/ml
4) T n-Dodecane (C12)	6.724	2541842	18.698 ug/ml
5) T A~2-methylnaphthalene...	7.356	2671698	18.715 ug/ml
6) T n-Tetradecane (C14)	8.561	2573203	18.711 ug/ml
7) T n-Hexadecane (C16)	10.176	2699731	18.632 ug/ml
8) T n-Octadecane (C18)	11.626	2747430	18.485 ug/ml
10) T n-Eicosane (C20)	12.940	2644499	18.424 ug/ml
11) T n-Heneicosane (C21)	13.555	2596401	18.363 ug/ml
13) T n-Docosane (C22)	14.144	2571815	18.292 ug/ml
14) T n-Tetracosane (C24)	15.253	2526447	18.152 ug/ml
15) T n-Hexacosane (C26)	16.277	2447124	18.067 ug/ml
16) T n-Octacosane (C28)	17.229	2369790	18.008 ug/ml
17) T n-Tricontane (C30)	18.121	2382931	17.963 ug/ml
18) T n-Dotriacontane (C32)	18.955	2269704	17.996 ug/ml
19) T n-Tetratriacontane (C34)	19.739	1965822	18.055 ug/ml
20) T n-Hexatriacontane (C36)	20.480	1670857	17.897 ug/ml
21) T n-Octatriacontane (C38)	21.229	1591614	18.137 ug/ml
22) T n-Tetracontane (C40)	22.170	1558083	18.382 ug/ml

(f)=RT Delta > 1/2 Window

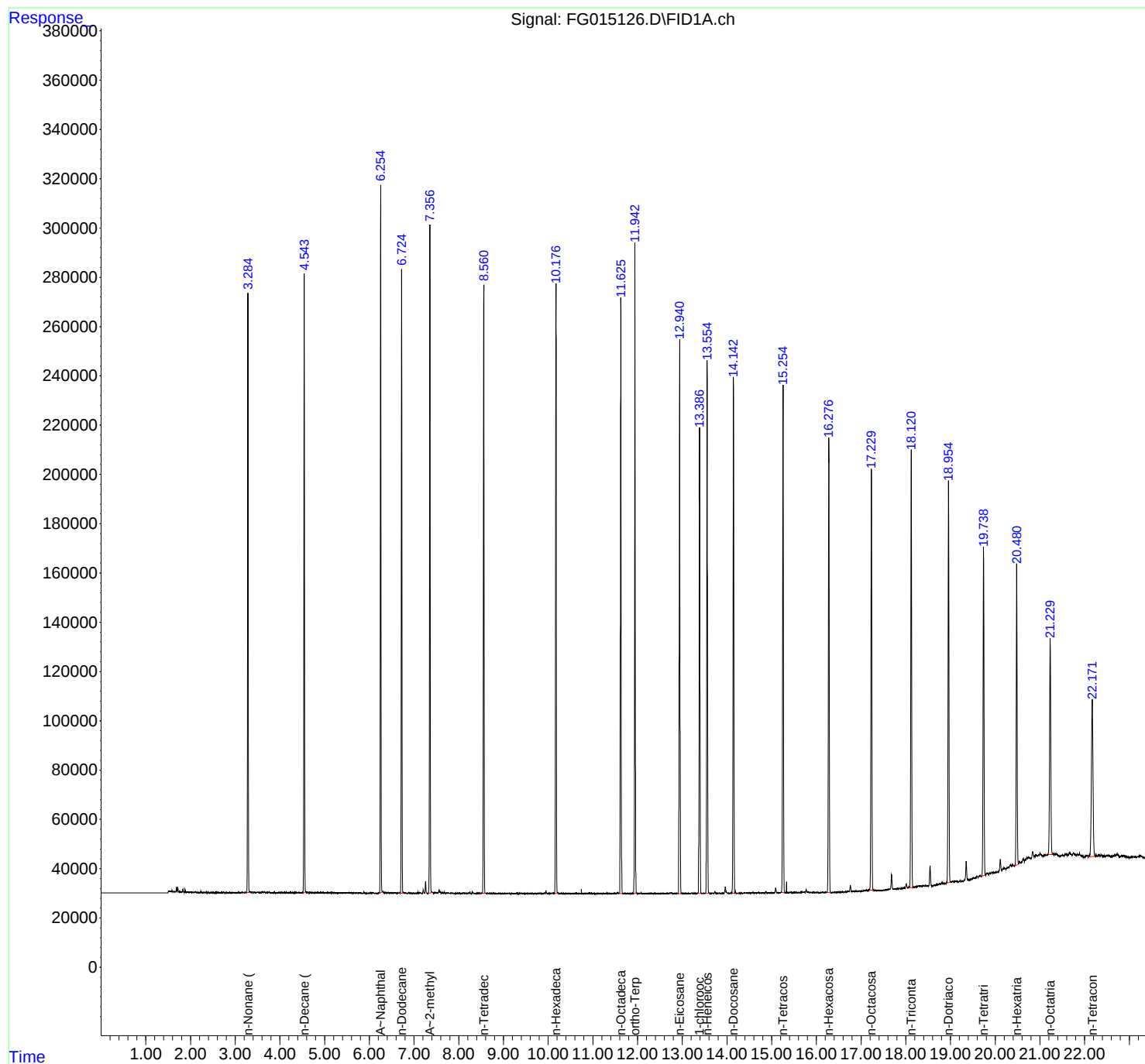
(m)=manual int.

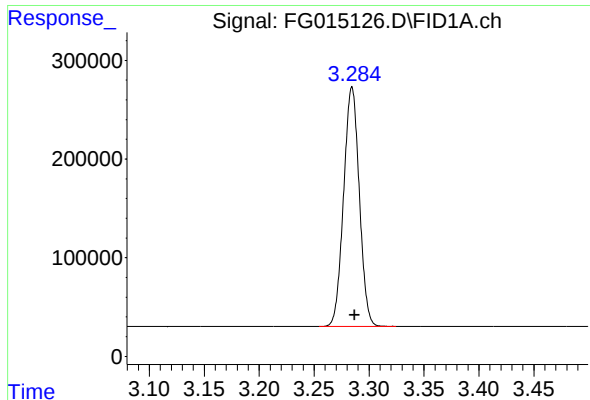
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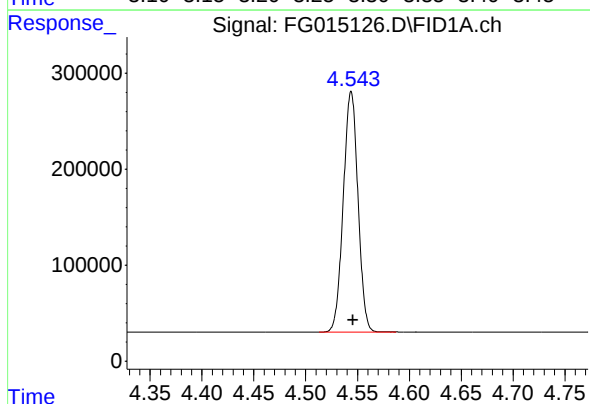




#1 n-Nonane (C9)

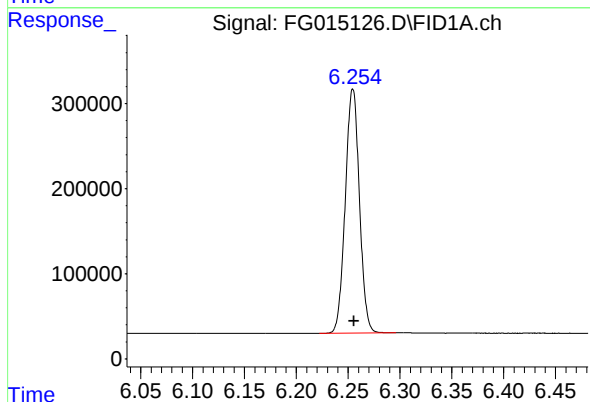
R.T.: 3.285 min
Delta R.T.: -0.002 min
Response: 2409715
Conc: 18.56 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



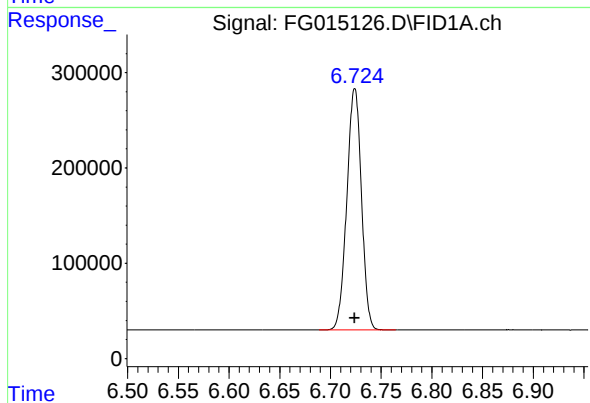
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 2473811
Conc: 18.62 ug/ml



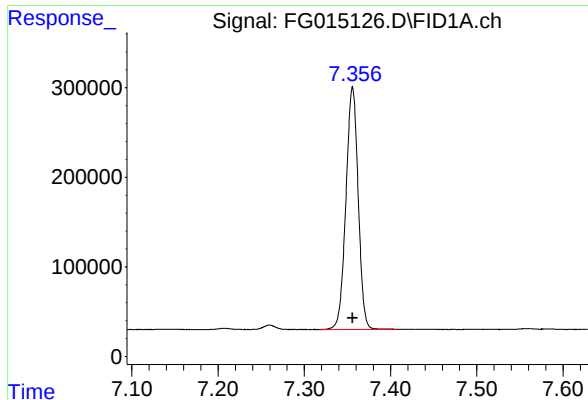
#3 A~Naphthalene (C11.7)

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 2727359
Conc: 18.68 ug/ml



#4 n-Dodecane (C12)

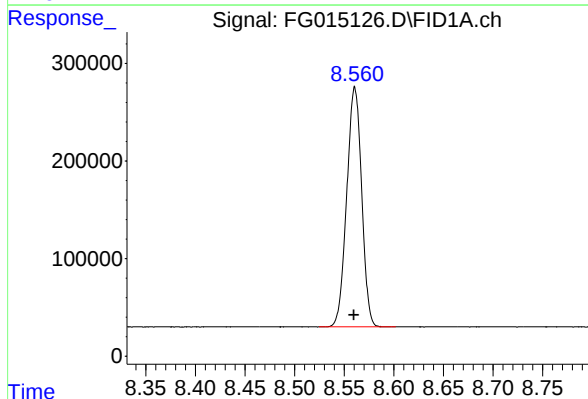
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 2541842
Conc: 18.70 ug/ml



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

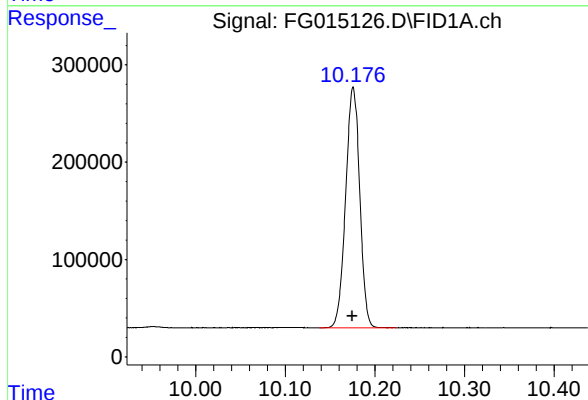
R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 2671698
Conc: 18.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



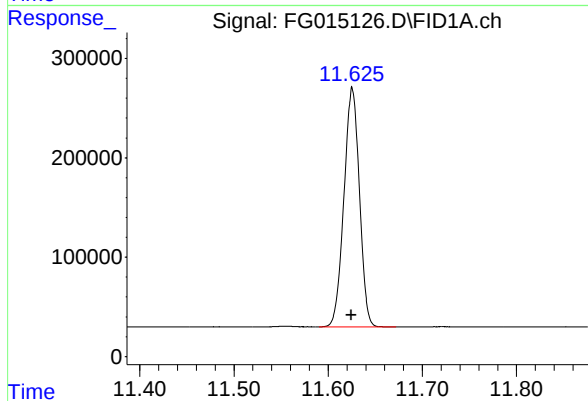
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 2573203
Conc: 18.71 ug/ml



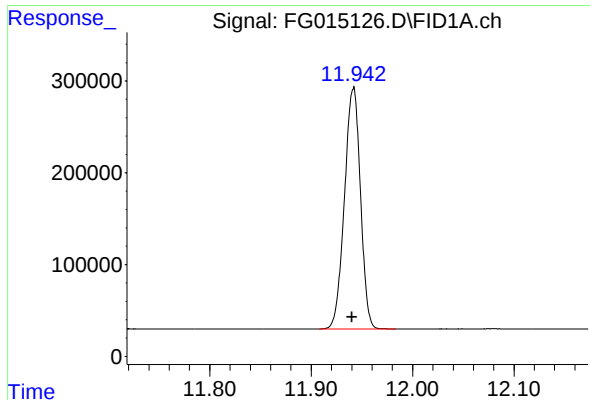
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: 0.001 min
Response: 2699731
Conc: 18.63 ug/ml



#8 n-Octadecane (C18)

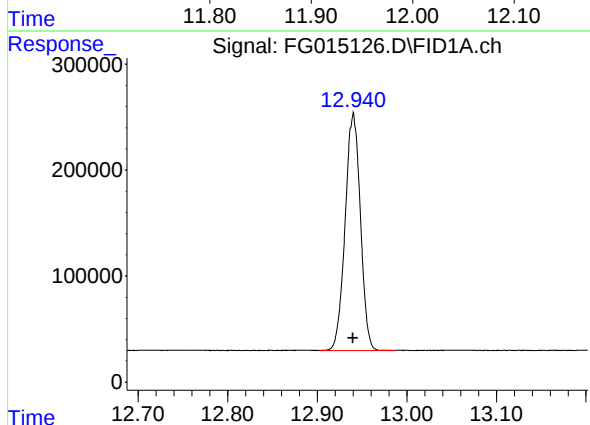
R.T.: 11.626 min
Delta R.T.: 0.000 min
Response: 2747430
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

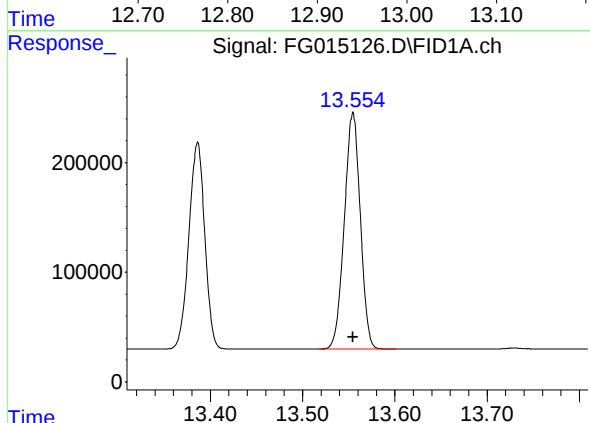
R.T.: 11.942 min
Delta R.T.: 0.001 min
Response: 2878545
Conc: 18.41 ug/ml

Instrument :
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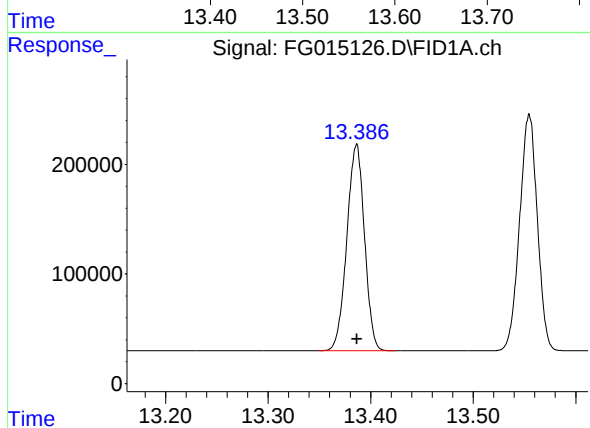
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 2644499
Conc: 18.42 ug/ml



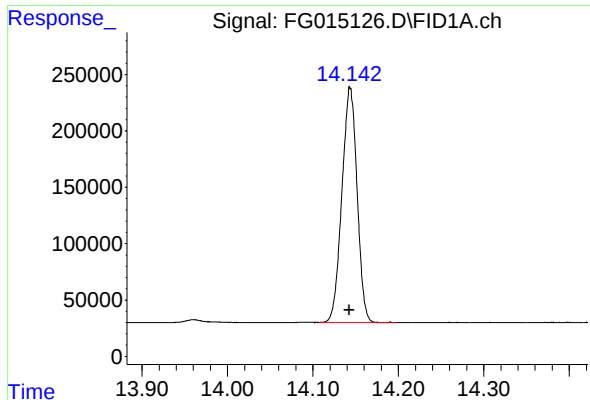
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 2596401
Conc: 18.36 ug/ml



#12 1-chlorooctadecane (SURR)

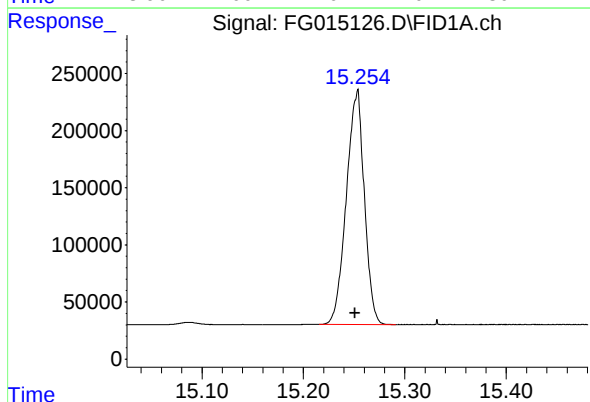
R.T.: 13.386 min
Delta R.T.: 0.000 min
Response: 2250362
Conc: 18.48 ug/ml



#13 n-Docosane (C22)

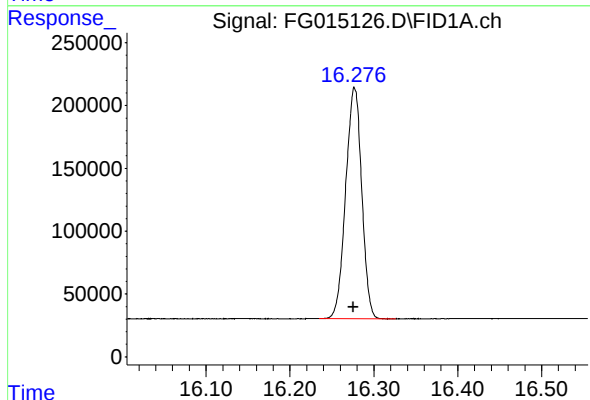
R.T.: 14.144 min
Delta R.T.: 0.000 min
Response: 2571815
Conc: 18.29 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



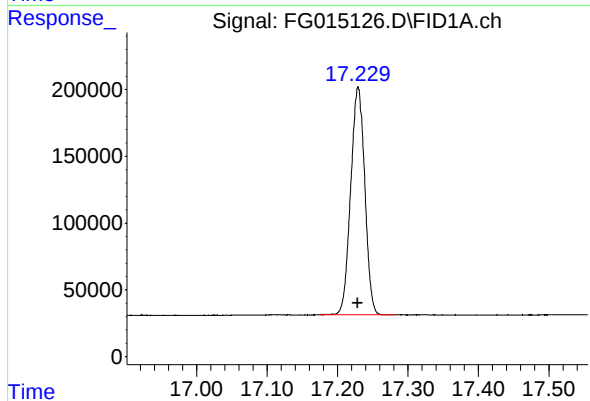
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: 0.002 min
Response: 2526447
Conc: 18.15 ug/ml



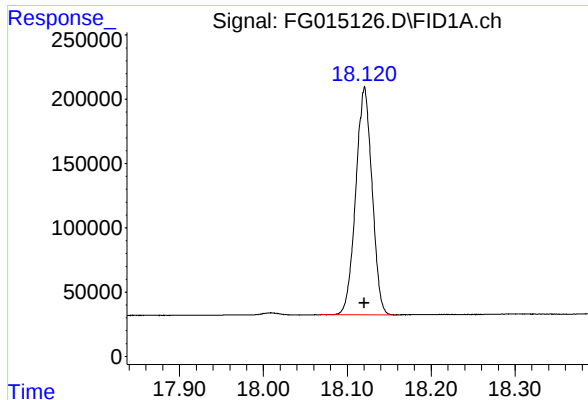
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: 0.001 min
Response: 2447124
Conc: 18.07 ug/ml



#16 n-Octacosane (C28)

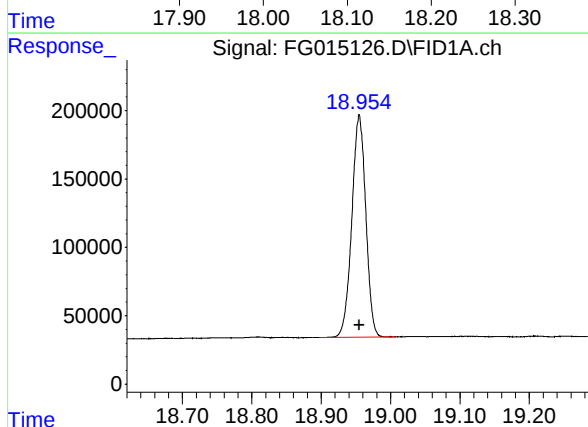
R.T.: 17.229 min
Delta R.T.: 0.000 min
Response: 2369790
Conc: 18.01 ug/ml



#17 n-Tricontane (C30)

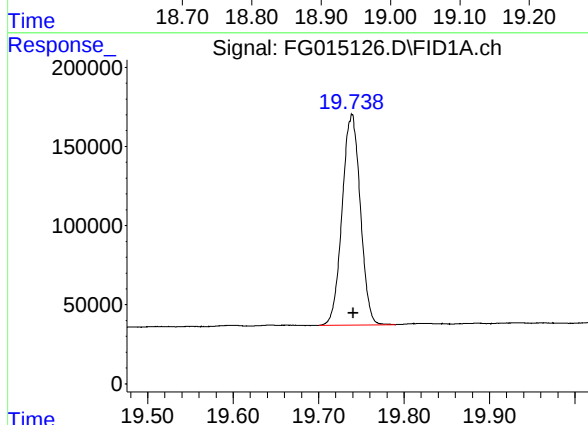
R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 2382931
Conc: 17.96 ug/ml

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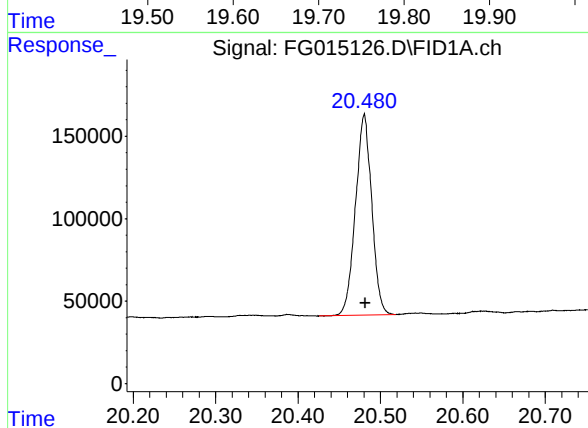
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.000 min
Response: 2269704
Conc: 18.00 ug/ml



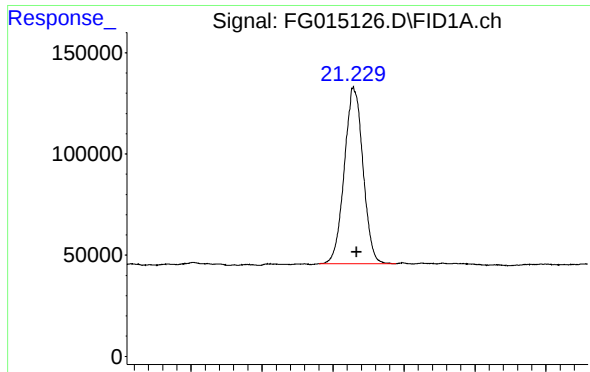
#19 n-Tetratriacontane (C34)

R.T.: 19.739 min
Delta R.T.: -0.002 min
Response: 1965822
Conc: 18.05 ug/ml



#20 n-Hexatriacontane (C36)

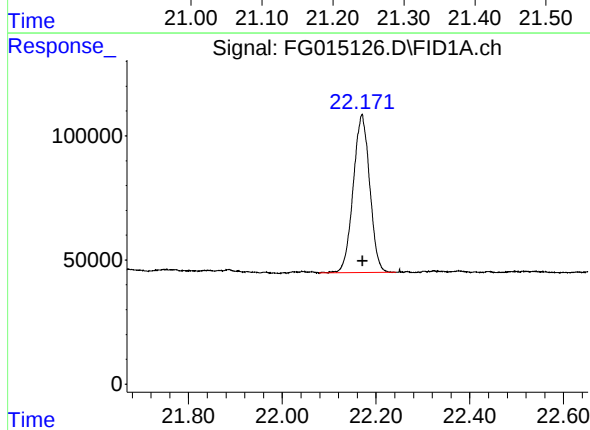
R.T.: 20.480 min
Delta R.T.: -0.001 min
Response: 1670857
Conc: 17.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: -0.004 min
Response: 1591614
Conc: 18.14 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.170 min
Delta R.T.: -0.001 min
Response: 1558083
Conc: 18.38 ug/ml