

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013803.D
 Signal(s) : FID1A.ch
 Acq On : 10 May 2024 15:03
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 10 16:01:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 15:56:52 2024
 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)	11.963	1578092	10.710 ug/ml
Spiked Amount 50.000		Recovery =	21.42%
12) S 1-chlorooctadecane (S...	13.404	1230085	10.704 ug/ml
Spiked Amount 50.000		Recovery =	21.41%
Target Compounds			
1) T n-Nonane (C9)	3.326	1374118	10.621 ug/ml
2) T n-Decane (C10)	4.579	1402401	10.610 ug/ml
3) T A~Naphthalene (C11.7)	6.288	1523505	10.589 ug/ml
4) T n-Dodecane (C12)	6.749	1418245	10.626 ug/ml
5) T A~2-methylnaphthalene...	7.386	1481275	10.585 ug/ml
6) T n-Tetradecane (C14)	8.582	1417556	10.660 ug/ml
7) T n-Hexadecane (C16)	10.195	1488420	10.725 ug/ml
8) T n-Octadecane (C18)	11.643	1528040	10.798 ug/ml
10) T n-Eicosane (C20)	12.957	1474723	10.770 ug/ml
11) T n-Heneicosane (C21)	13.572	1451897	10.761 ug/ml
13) T n-Docosane (C22)	14.160	1443249	10.737 ug/ml
14) T n-Tetracosane (C24)	15.267	1441199	10.749 ug/ml
15) T n-Hexacosane (C26)	16.291	1409795	10.720 ug/ml
16) T n-Octacosane (C28)	17.244	1367287	10.708 ug/ml
17) T n-Tricontane (C30)	18.135	1387860	10.843 ug/ml
18) T n-Dotriacontane (C32)	18.969	1431334	11.355 ug/ml
19) T n-Tetratriacontane (C34)	19.756	1306377	11.041 ug/ml
20) T n-Hexatriacontane (C36)	20.497	1226659	10.950 ug/ml
21) T n-Octatriacontane (C38)	21.250	1134352	10.710 ug/ml
22) T n-Tetracontane (C40)	22.192	1147296	11.178 ug/ml

(f)=RT Delta > 1/2 Window

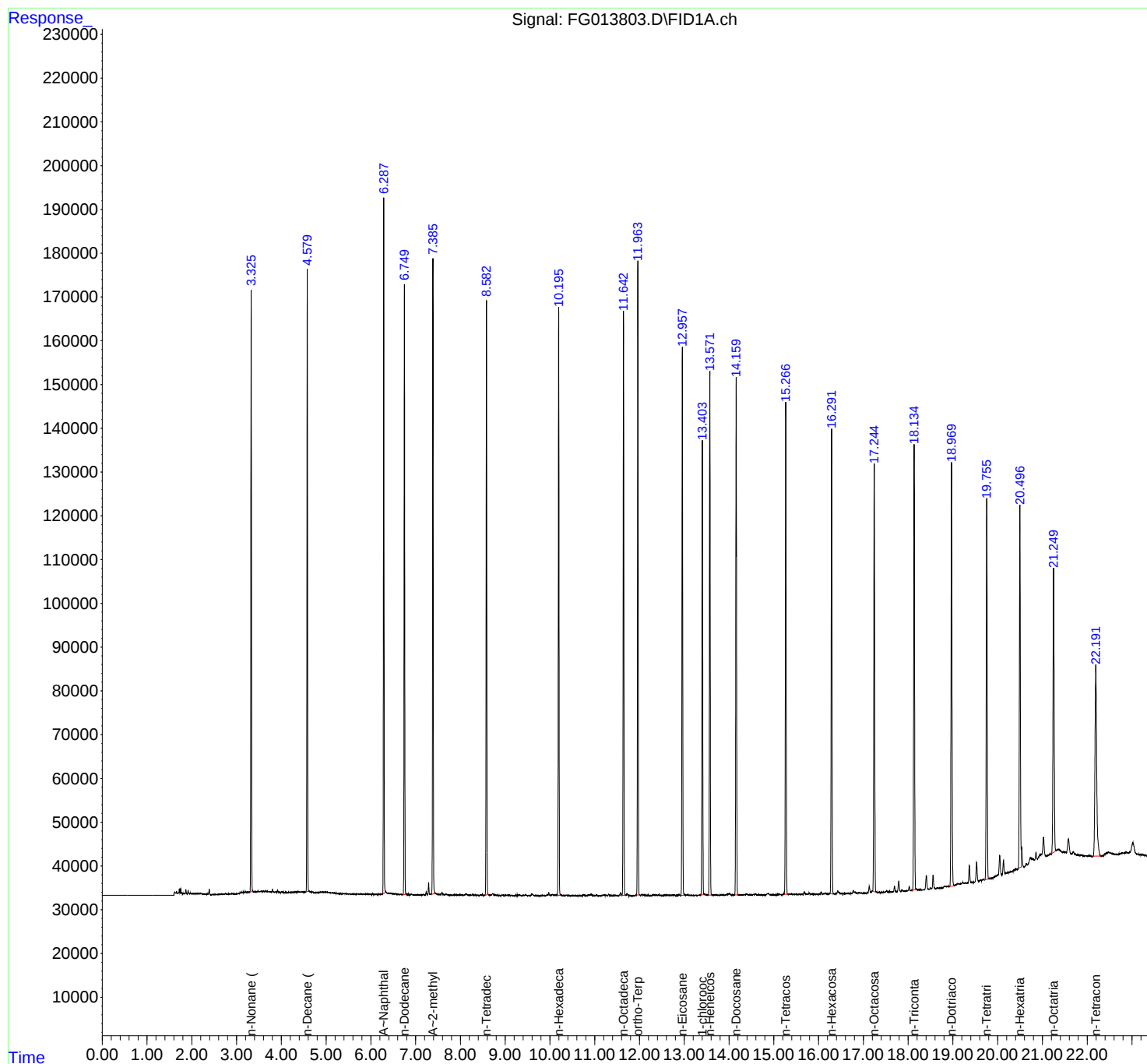
(m)=manual int.

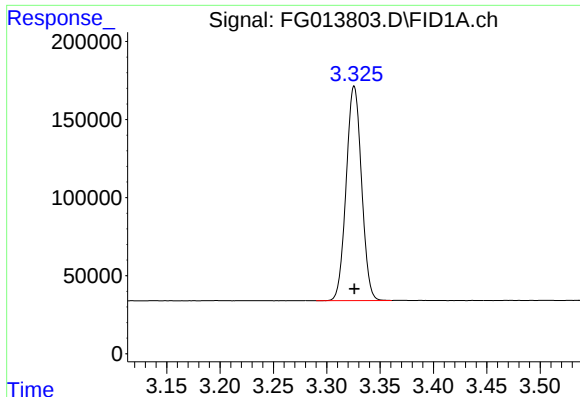
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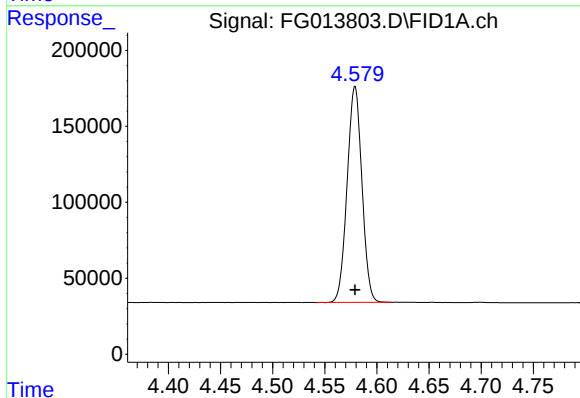




#1 n-Nonane (C9)

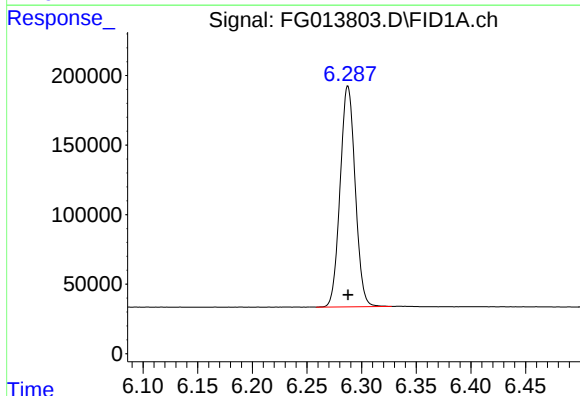
R.T.: 3.326 min
Delta R.T.: 0.000 min
Response: 1374118
Conc: 10.62 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



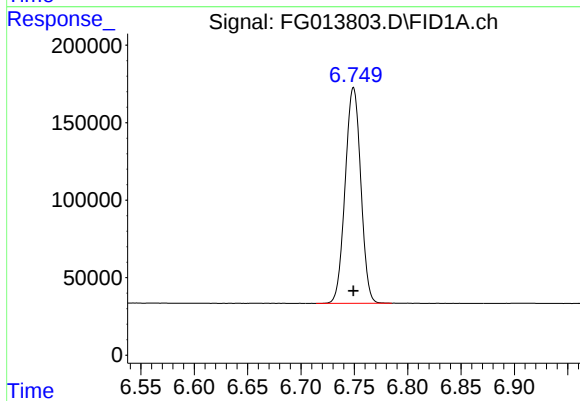
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 1402401
Conc: 10.61 ug/ml



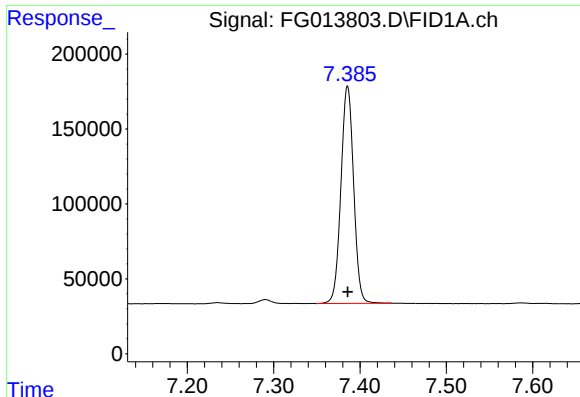
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 1523505
Conc: 10.59 ug/ml



#4 n-Dodecane (C12)

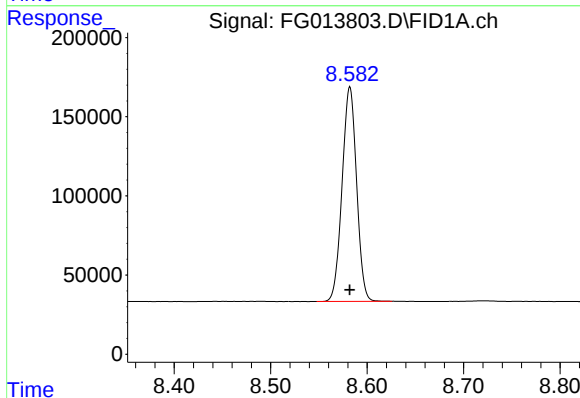
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 1418245
Conc: 10.63 ug/ml



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

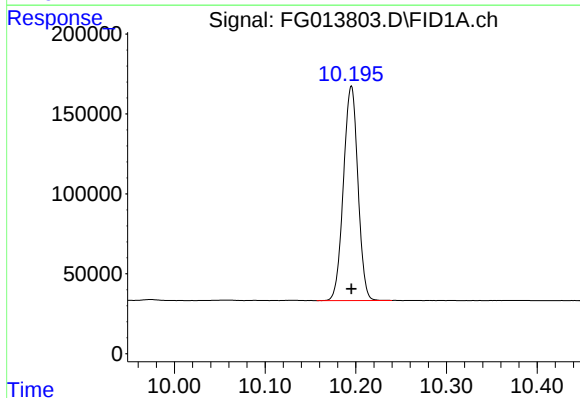
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 1481275
Conc: 10.59 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



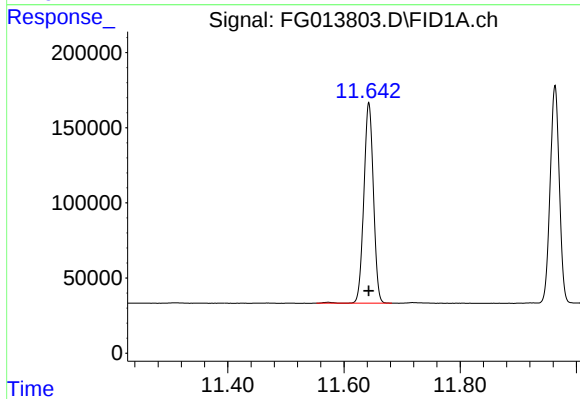
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 1417556
Conc: 10.66 ug/ml



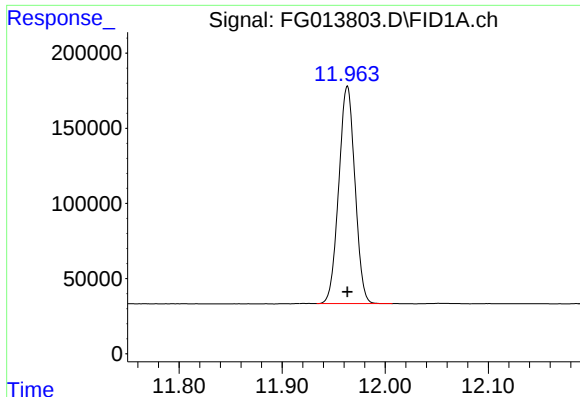
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 1488420
Conc: 10.72 ug/ml



#8 n-Octadecane (C18)

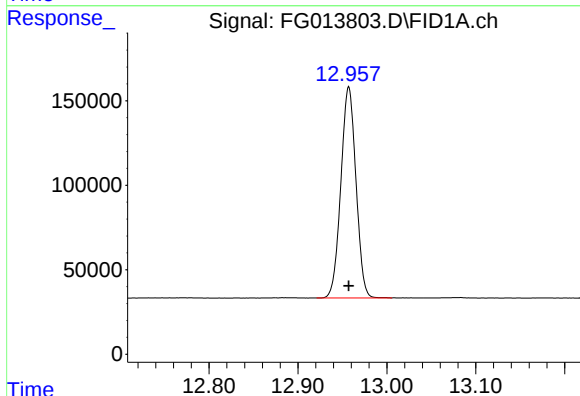
R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 1528040
Conc: 10.80 ug/ml



#9 ortho-Terphenyl (SURR)

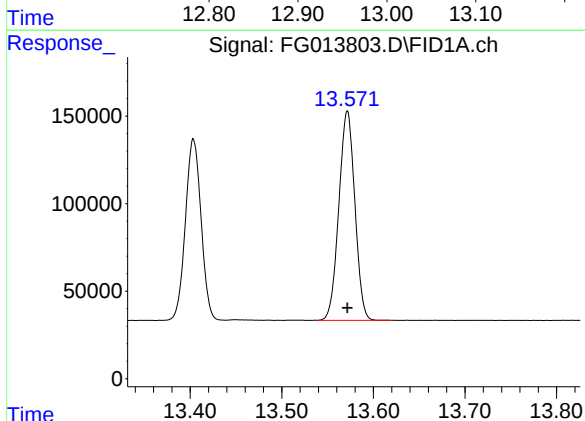
R.T.: 11.963 min
Delta R.T.: 0.000 min
Response: 1578092
Conc: 10.71 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



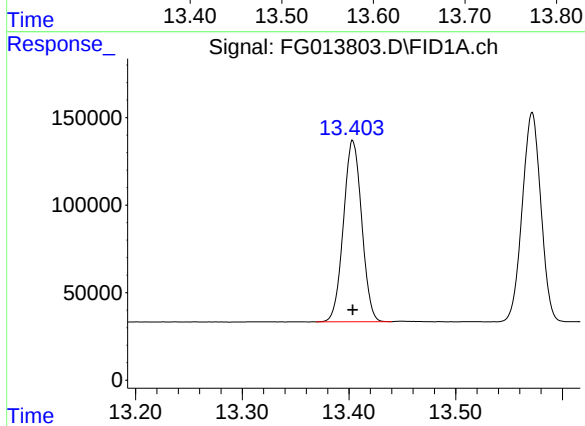
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 1474723
Conc: 10.77 ug/ml



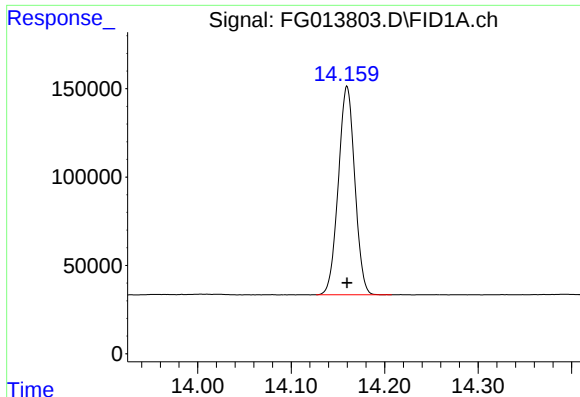
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: 0.000 min
Response: 1451897
Conc: 10.76 ug/ml



#12 1-chlorooctadecane (SURR)

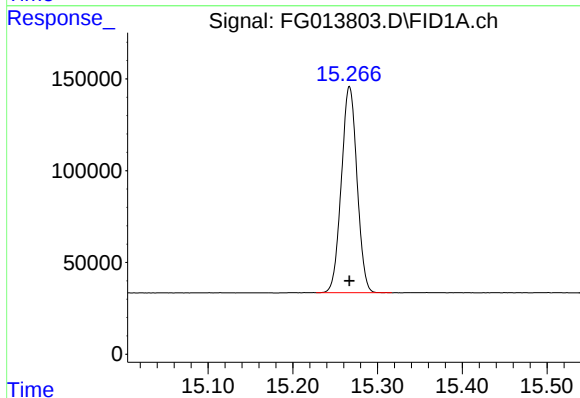
R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 1230085
Conc: 10.70 ug/ml



#13 n-Docosane (C22)

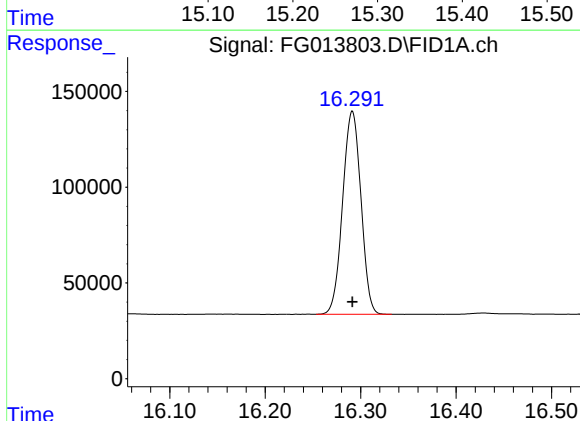
R.T.: 14.160 min
Delta R.T.: 0.000 min
Response: 1443249
Conc: 10.74 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



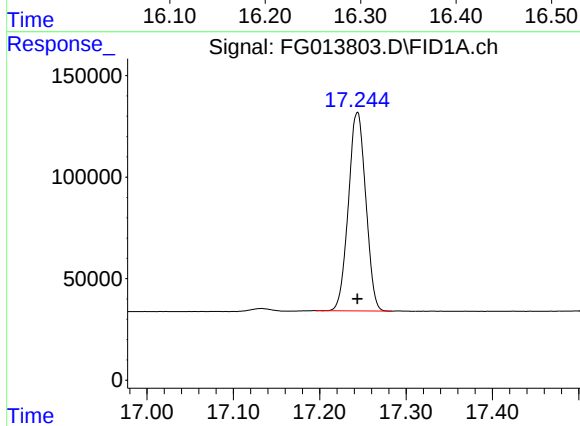
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.000 min
Response: 1441199
Conc: 10.75 ug/ml



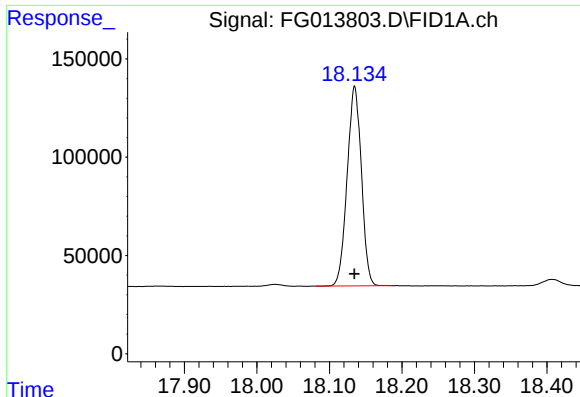
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.000 min
Response: 1409795
Conc: 10.72 ug/ml



#16 n-Octacosane (C28)

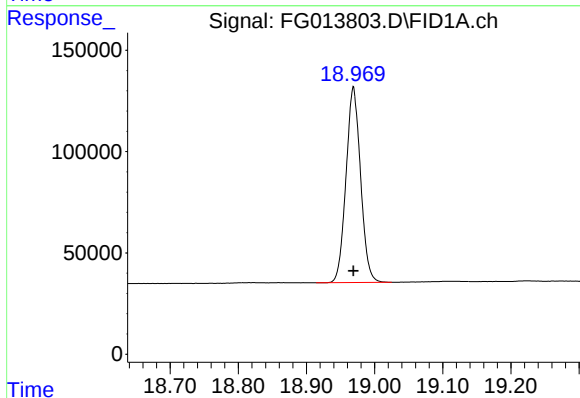
R.T.: 17.244 min
Delta R.T.: 0.000 min
Response: 1367287
Conc: 10.71 ug/ml



#17 n-Tricontane (C30)

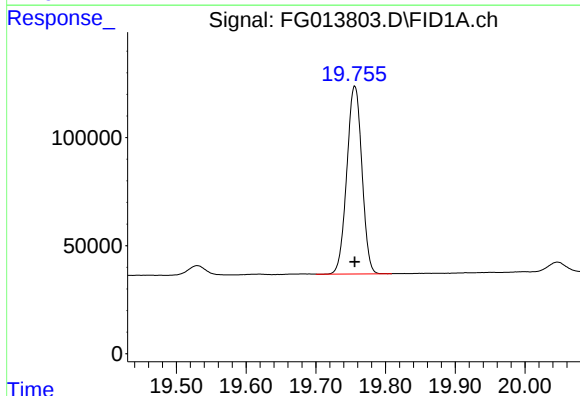
R.T.: 18.135 min
Delta R.T.: 0.000 min
Response: 1387860
Conc: 10.84 ug/ml

Instrument :
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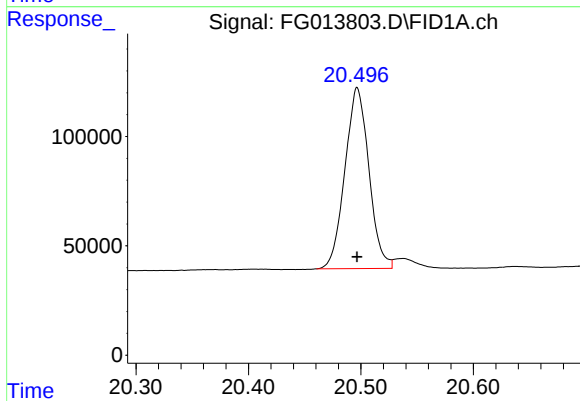
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.000 min
Response: 1431334
Conc: 11.36 ug/ml



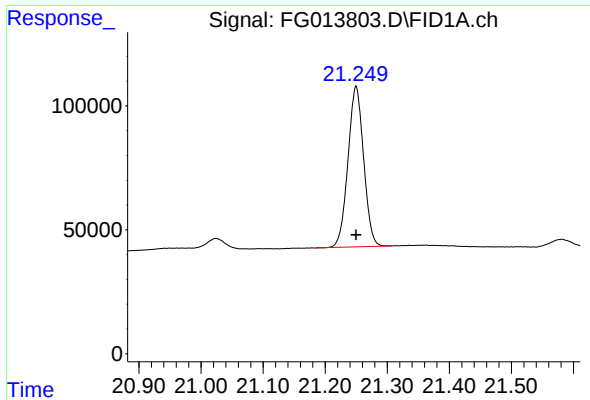
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: 0.000 min
Response: 1306377
Conc: 11.04 ug/ml



#20 n-Hexatriacontane (C36)

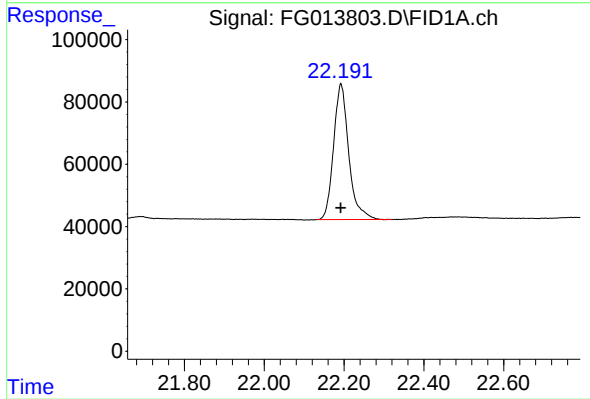
R.T.: 20.497 min
Delta R.T.: 0.000 min
Response: 1226659
Conc: 10.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.250 min
Delta R.T.: 0.000 min
Response: 1134352
Conc: 10.71 ug/ml

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FID_G
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.192 min
Delta R.T.: 0.000 min
Response: 1147296
Conc: 11.18 ug/ml