

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051024AL\
 Data File : FG013823.D
 Signal(s) : FID1A.ch
 Acq On : 11 May 2024 04:15
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 11 05:18:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051024.M
 Quant Title : GC Extractables
 QLast Update : Fri May 10 16:04:15 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)	11.964	2785103	18.383 ug/ml
Spiked Amount 50.000		Recovery =	36.77%
12) S 1-chlorooctadecane (S...	13.404	2111389	17.893 ug/ml
Spiked Amount 50.000		Recovery =	35.79%
Target Compounds			
1) T n-Nonane (C9)	3.325	2536702	19.071 ug/ml
2) T n-Decane (C10)	4.579	2590647	19.057 ug/ml
3) T A~Naphthalene (C11.7)	6.287	2805027	18.985 ug/ml
4) T n-Dodecane (C12)	6.749	2603732	18.978 ug/ml
5) T A~2-methylnaphthalene...	7.385	2716328	18.929 ug/ml
6) T n-Tetradecane (C14)	8.582	2571440	18.788 ug/ml
7) T n-Hexadecane (C16)	10.195	2649404	18.551 ug/ml
8) T n-Octadecane (C18)	11.644	2670713	18.334 ug/ml
10) T n-Eicosane (C20)	12.958	2552277	18.106 ug/ml
11) T n-Heneicosane (C21)	13.572	2499975	17.999 ug/ml
13) T n-Docosane (C22)	14.160	2477808	17.921 ug/ml
14) T n-Tetracosane (C24)	15.267	2452028	17.772 ug/ml
15) T n-Hexacosane (C26)	16.291	2396616	17.735 ug/ml
16) T n-Octacosane (C28)	17.244	2325230	17.721 ug/ml
17) T n-Tricontane (C30)	18.134	2342654	17.746 ug/ml
18) T n-Dotriacontane (C32)	18.969	2295679	17.521 ug/ml
19) T n-Tetratriacontane (C34)	19.755	2200159	18.041 ug/ml
20) T n-Hexatriacontane (C36)	20.496	2122624	18.402 ug/ml
21) T n-Octatriacontane (C38)	21.249	2077500	19.235 ug/ml
22) T n-Tetracontane (C40)	22.190	2017061	19.391 ug/ml

(f)=RT Delta > 1/2 Window

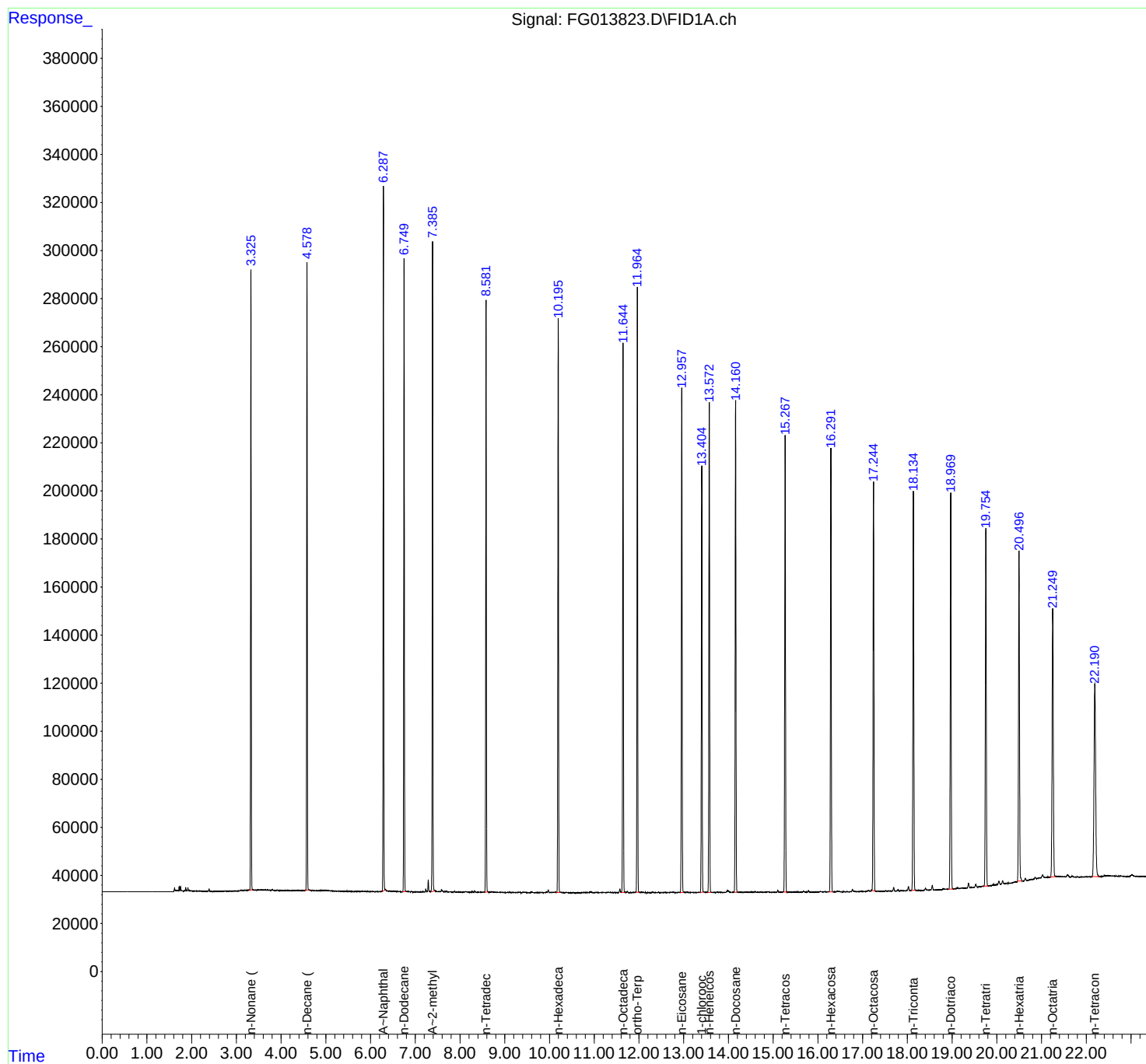
(m)=manual int.

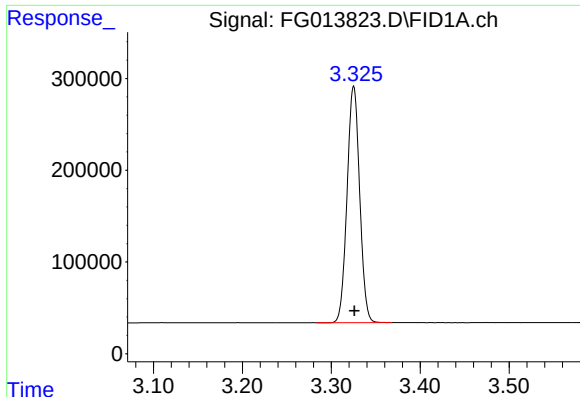
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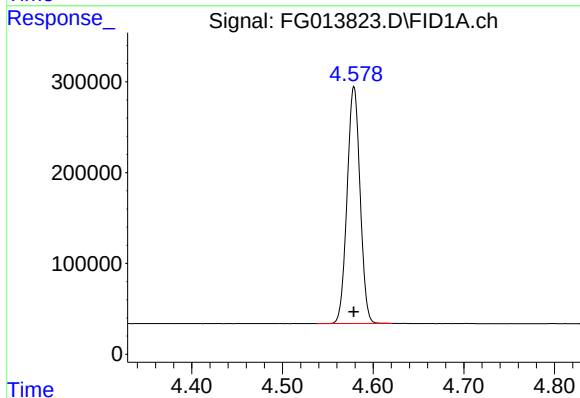




#1 n-Nonane (C9)

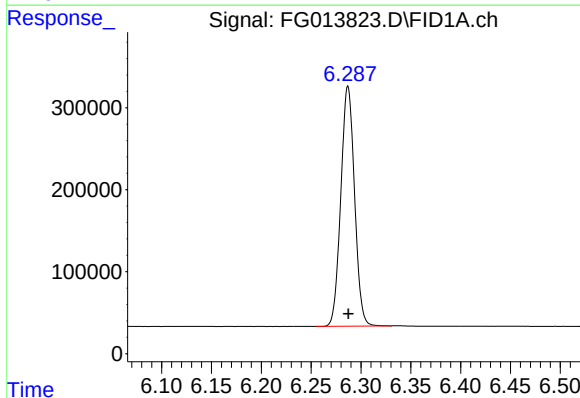
R.T.: 3.325 min
Delta R.T.: 0.000 min
Response: 2536702
Conc: 19.07 ug/ml

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20 PPM ALIPHATIC HC STD



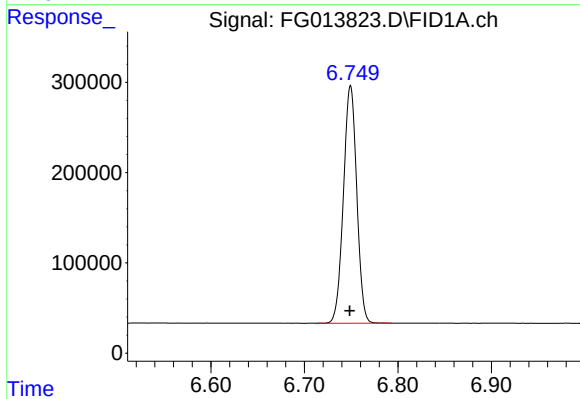
#2 n-Decane (C10)

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 2590647
Conc: 19.06 ug/ml



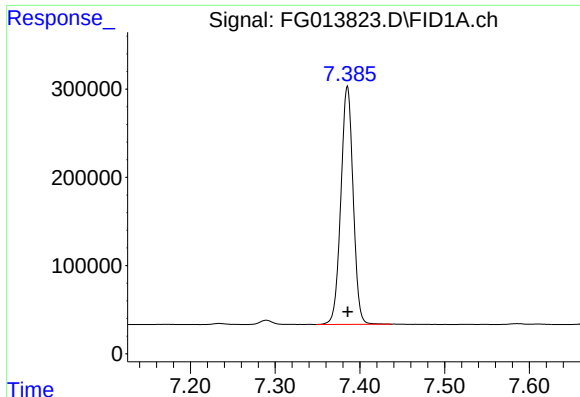
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 2805027
Conc: 18.99 ug/ml



#4 n-Dodecane (C12)

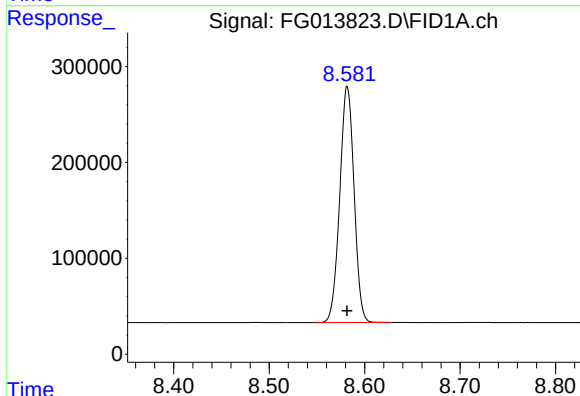
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 2603732
Conc: 18.98 ug/ml



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

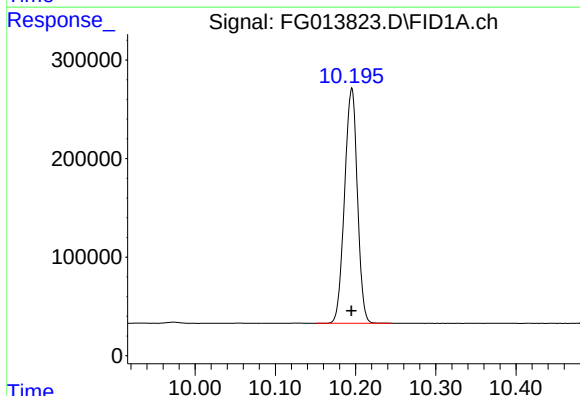
R.T.: 7.385 min
Delta R.T.: 0.000 min
Response: 2716328
Conc: 18.93 ug/ml

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20 PPM ALIPHATIC HC STD



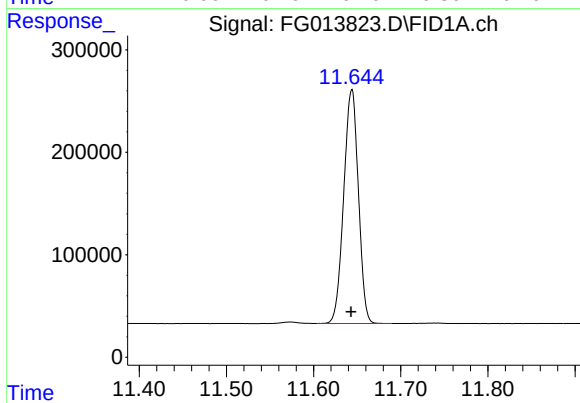
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 2571440
Conc: 18.79 ug/ml



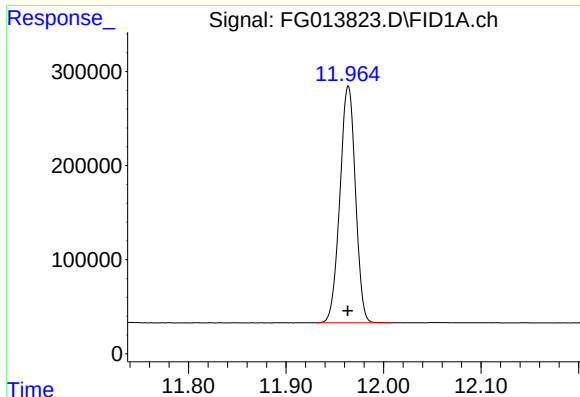
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 2649404
Conc: 18.55 ug/ml



#8 n-Octadecane (C18)

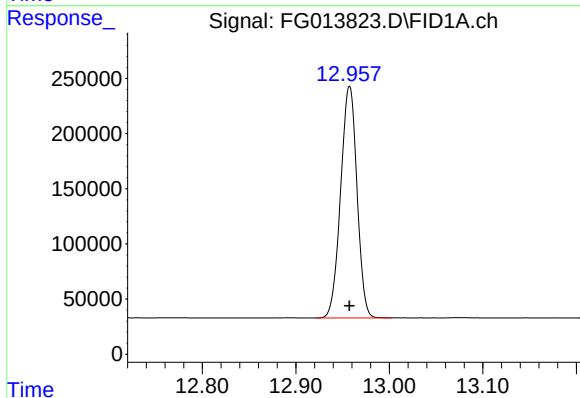
R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 2670713
Conc: 18.33 ug/ml



#9 ortho-Terphenyl (SURR)

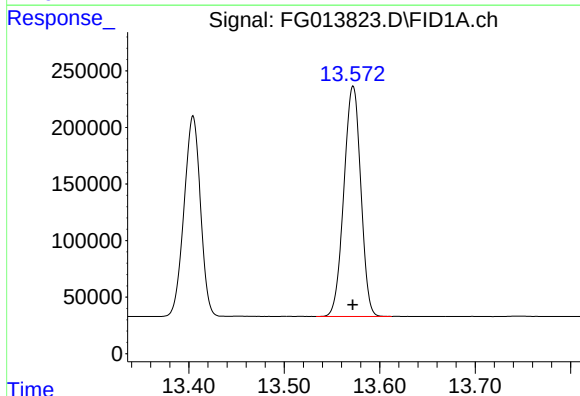
R.T.: 11.964 min
Delta R.T.: 0.000 min
Response: 2785103
Conc: 18.38 ug/ml

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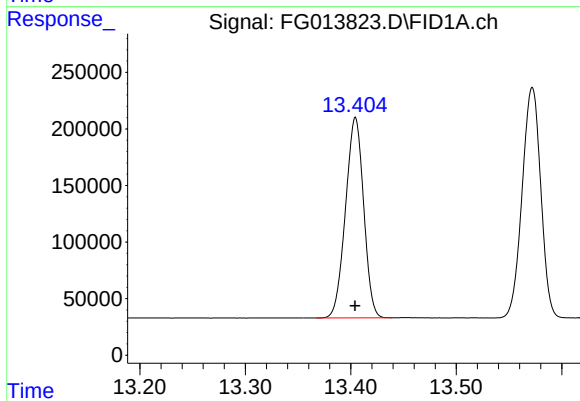
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: 0.000 min
Response: 2552277
Conc: 18.11 ug/ml



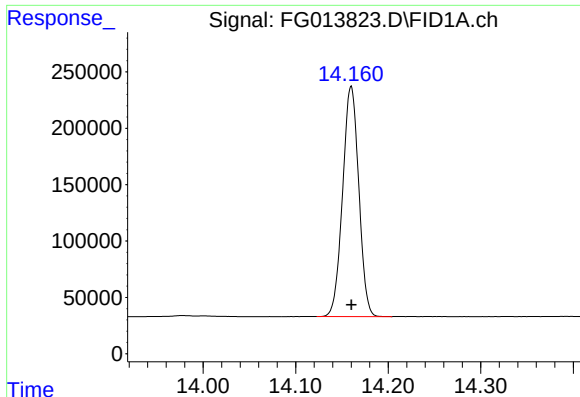
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: 0.000 min
Response: 2499975
Conc: 18.00 ug/ml



#12 1-chlorooctadecane (SURR)

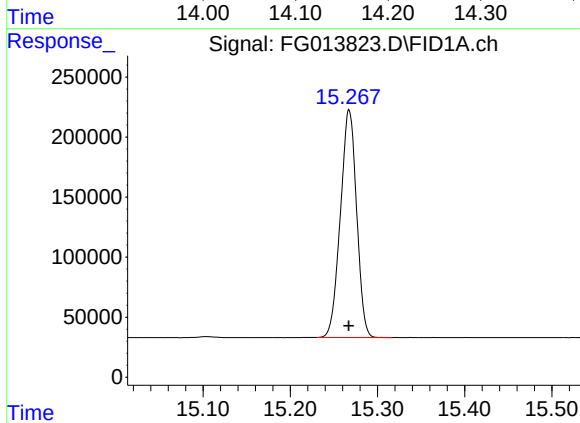
R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 2111389
Conc: 17.89 ug/ml



#13 n-Docosane (C22)

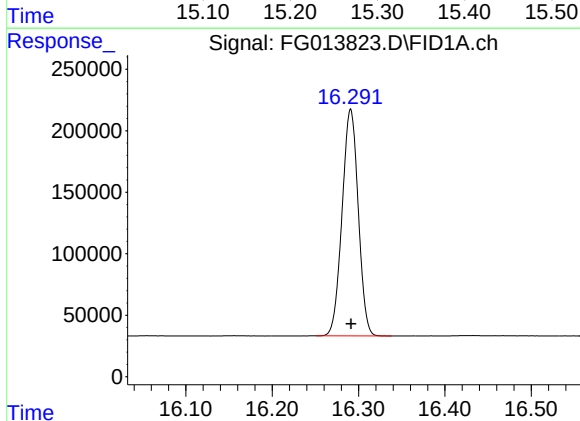
R.T.: 14.160 min
Delta R.T.: 0.000 min
Response: 2477808
Conc: 17.92 ug/ml

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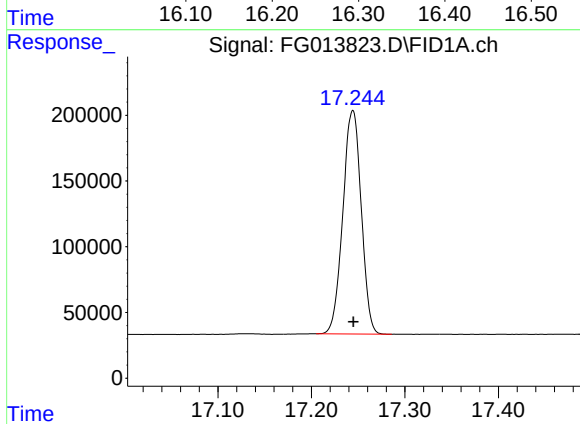
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.000 min
Response: 2452028
Conc: 17.77 ug/ml



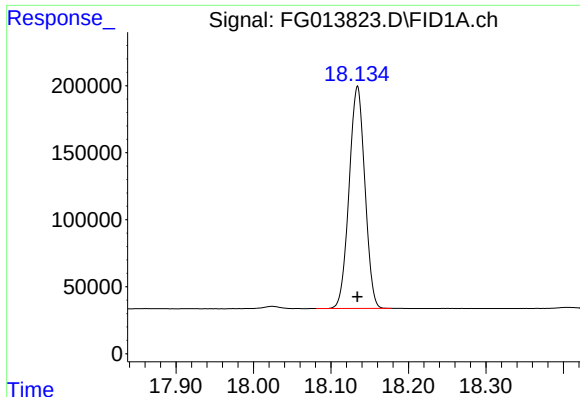
#15 n-Hexacosane (C26)

R.T.: 16.291 min
Delta R.T.: 0.000 min
Response: 2396616
Conc: 17.74 ug/ml



#16 n-Octacosane (C28)

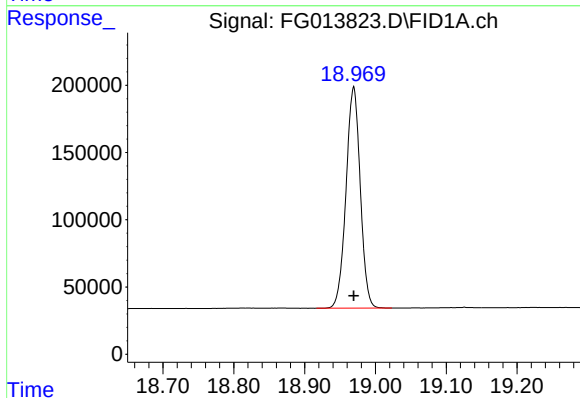
R.T.: 17.244 min
Delta R.T.: 0.000 min
Response: 2325230
Conc: 17.72 ug/ml



#17 n-Tricontane (C30)

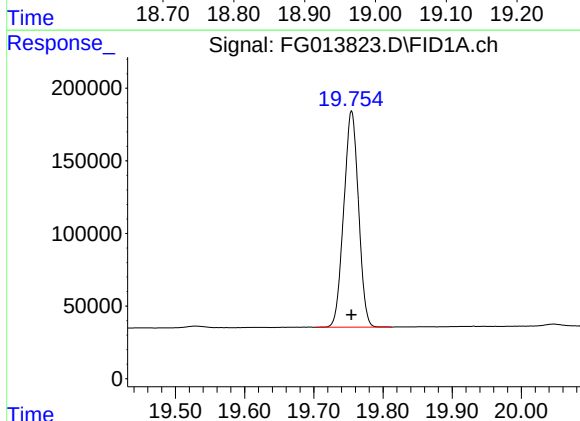
R.T.: 18.134 min
Delta R.T.: 0.000 min
Response: 2342654
Conc: 17.75 ug/ml

Instrument :
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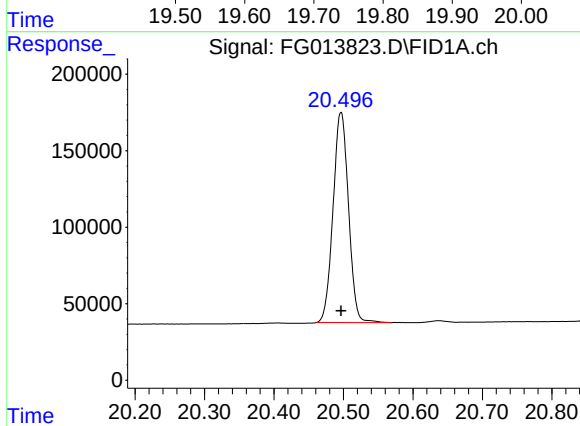
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.000 min
Response: 2295679
Conc: 17.52 ug/ml



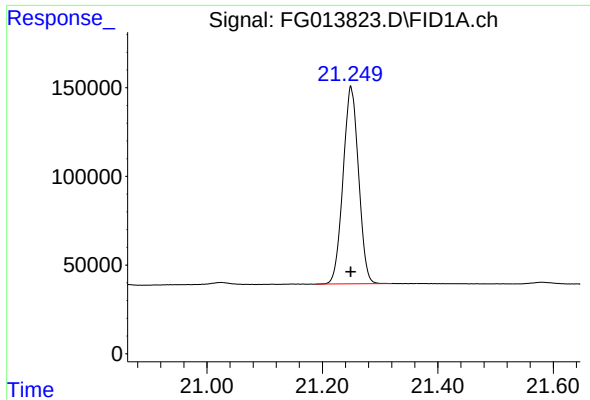
#19 n-Tetratriacontane (C34)

R.T.: 19.755 min
Delta R.T.: 0.000 min
Response: 2200159
Conc: 18.04 ug/ml



#20 n-Hexatriacontane (C36)

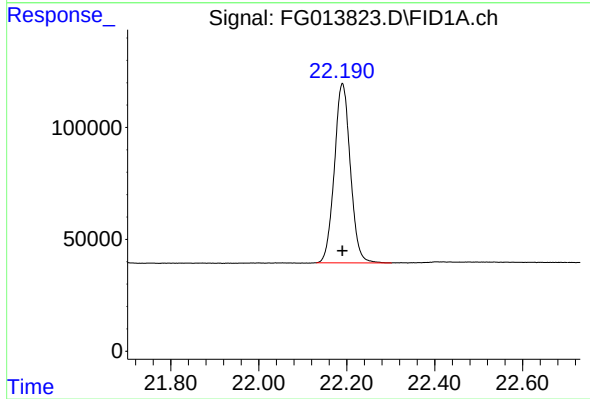
R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 2122624
Conc: 18.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: 0.000 min
Response: 2077500
Conc: 19.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.190 min
Delta R.T.: 0.000 min
Response: 2017061
Conc: 19.39 ug/ml