

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015810.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 11:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 12 11:41:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 11:41:19 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)	11.896	3067401	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.341	2379192	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.242	2312924	20.000 ug/ml
2) T n-Decane (C10)	4.501	2332582	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2446759	20.000 ug/ml
4) T n-Dodecane (C12)	6.681	2379271	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.316	2415642	20.000 ug/ml
6) T n-Tetradecane (C14)	8.518	2375415	20.000 ug/ml
7) T n-Hexadecane (C16)	10.131	2450401	20.000 ug/ml
8) T n-Octadecane (C18)	11.580	2514102	20.000 ug/ml
10) T n-Eicosane (C20)	12.895	2525610	20.000 ug/ml
11) T n-Heneicosane (C21)	13.508	2521784	20.000 ug/ml
13) T n-Docosane (C22)	14.097	2506351	20.000 ug/ml
14) T n-Tetracosane (C24)	15.204	2490681	20.000 ug/ml
15) T n-Hexacosane (C26)	16.229	2457561	20.000 ug/ml
16) T n-Octacosane (C28)	17.181	2410497	20.000 ug/ml
17) T n-Tricontane (C30)	18.071	2415823	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.906	2389551	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2277934	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2217509	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.172	2099538	20.000 ug/ml
22) T n-Tetracontane (C40)	22.092	2013326	20.000 ug/ml

(f)=RT Delta > 1/2 Window

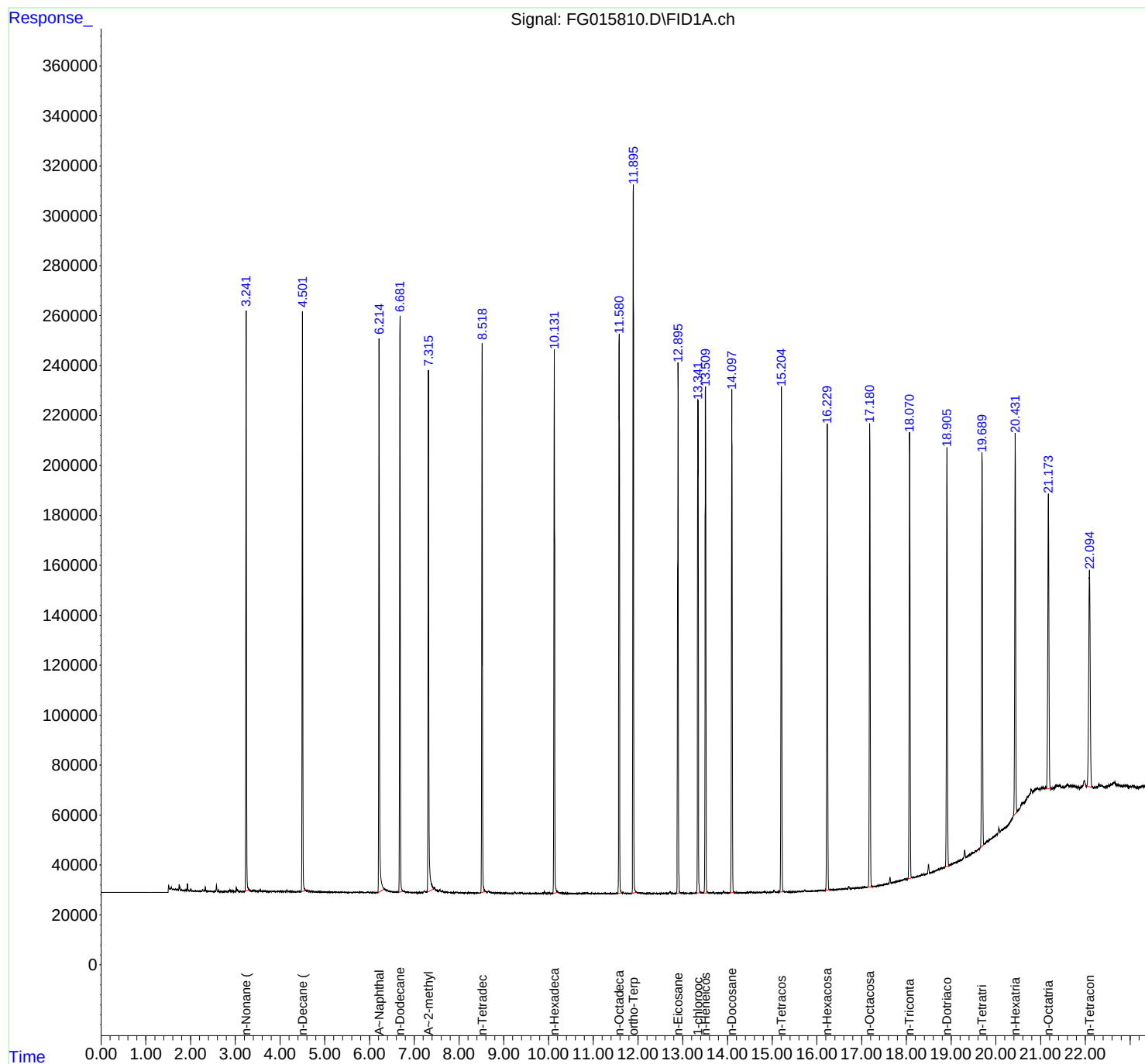
(m)=manual int.

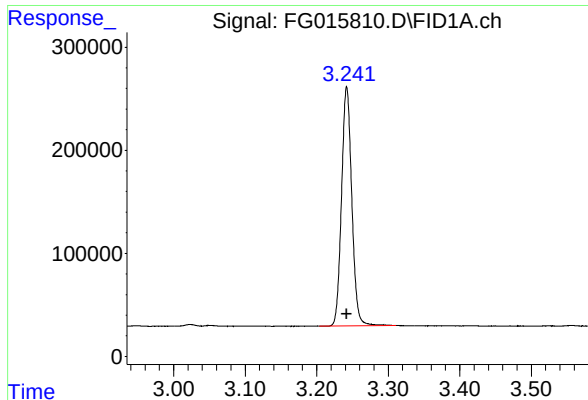
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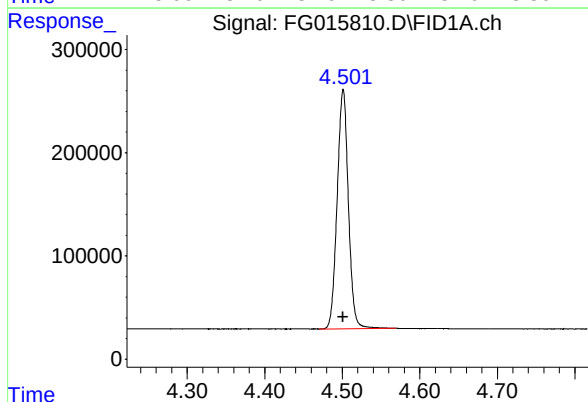




#1 n-Nonane (C9)

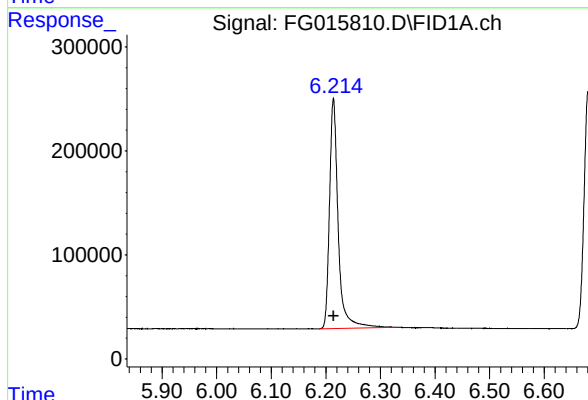
R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 2312924
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



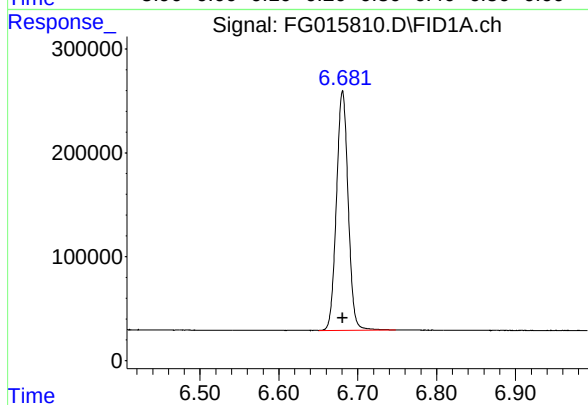
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 2332582
Conc: 20.00 ug/ml



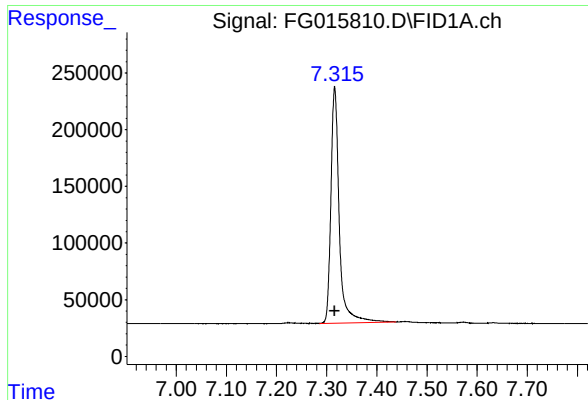
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 2446759
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

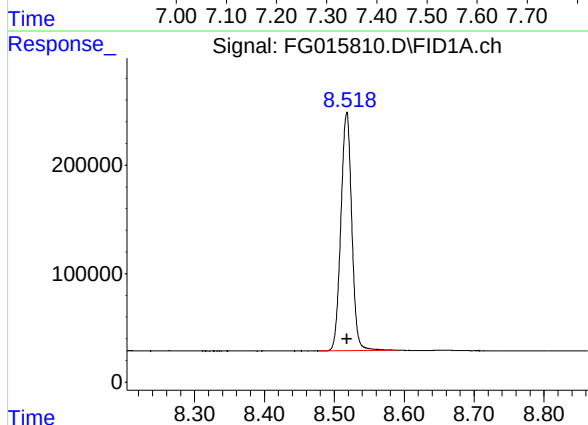
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 2379271
Conc: 20.00 ug/ml



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

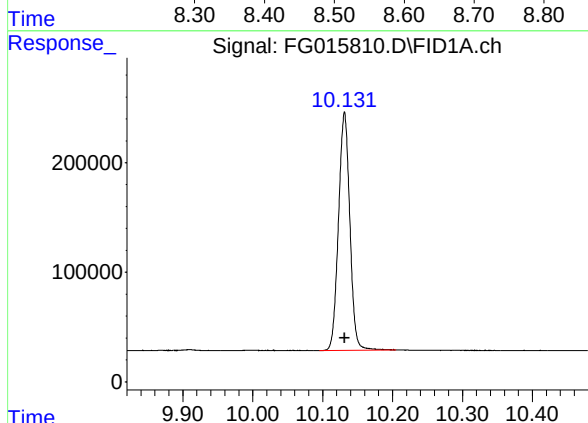
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 2415642
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



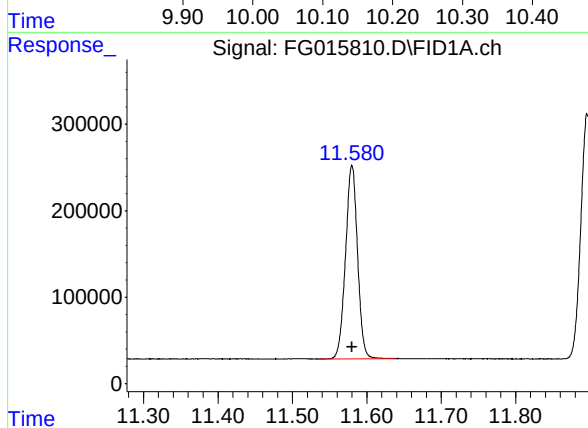
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 2375415
Conc: 20.00 ug/ml



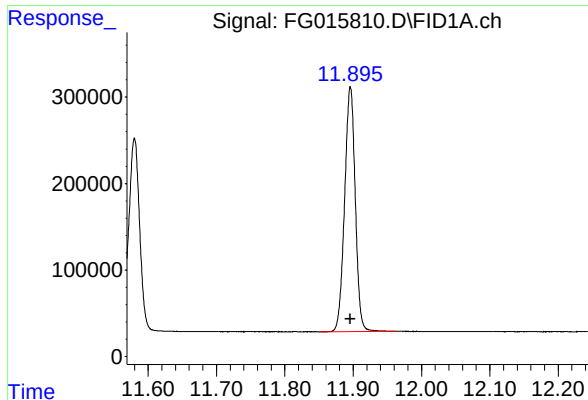
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.000 min
Response: 2450401
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

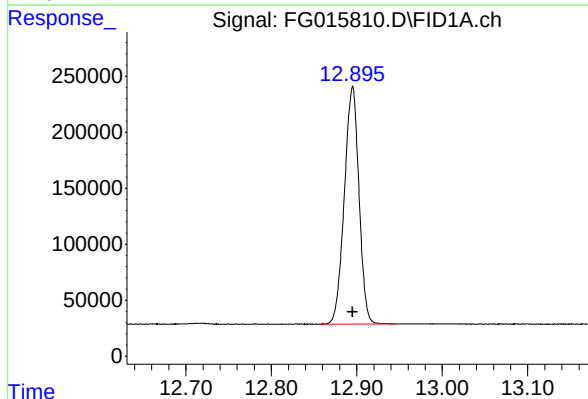
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 2514102
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

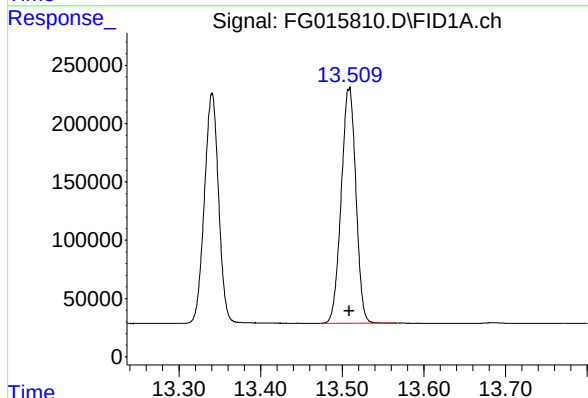
R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 3067401
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



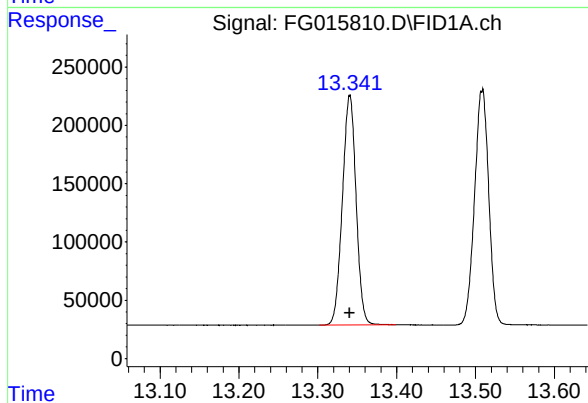
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 2525610
Conc: 20.00 ug/ml



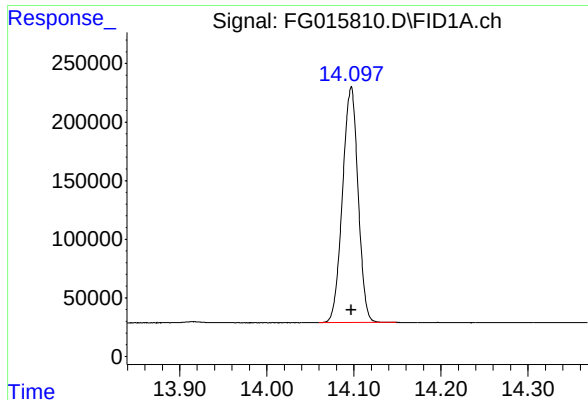
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2521784
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

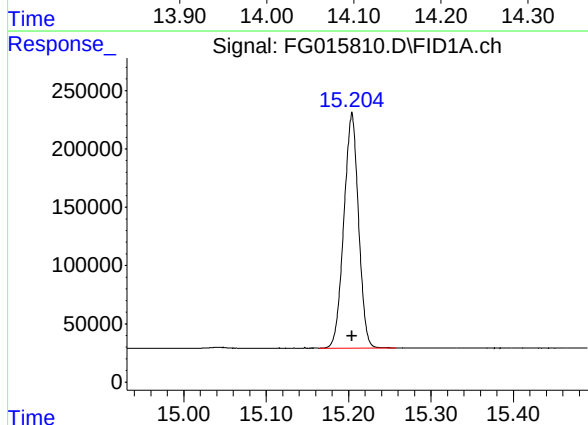
R.T.: 13.341 min
Delta R.T.: 0.000 min
Response: 2379192
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

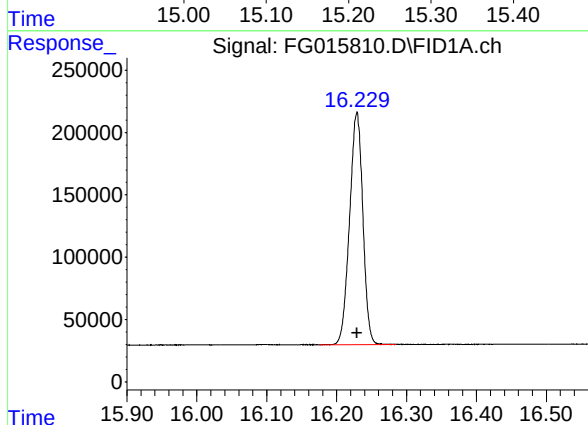
R.T.: 14.097 min
Delta R.T.: 0.000 min
Response: 2506351
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



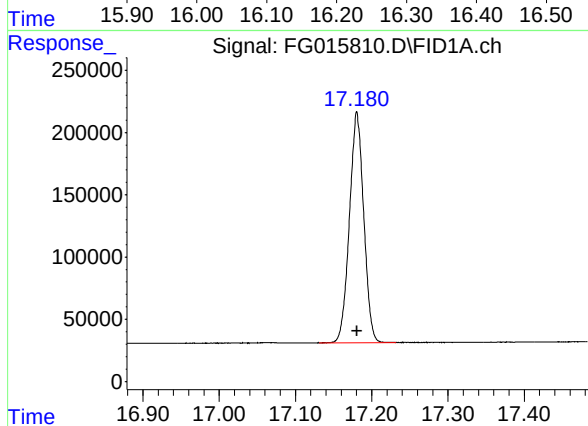
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: 0.000 min
Response: 2490681
Conc: 20.00 ug/ml



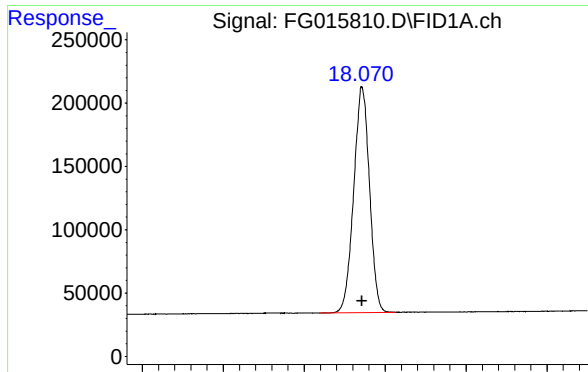
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: 0.000 min
Response: 2457561
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

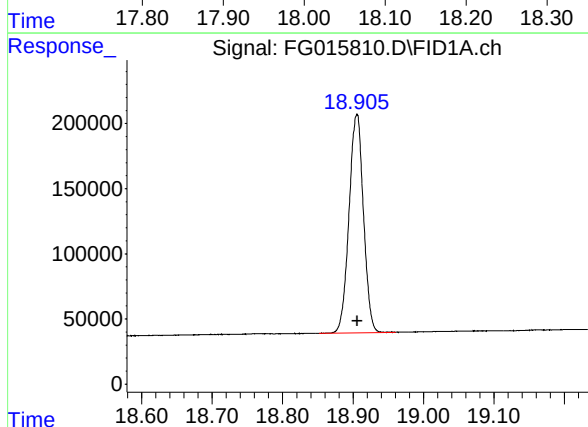
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 2410497
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

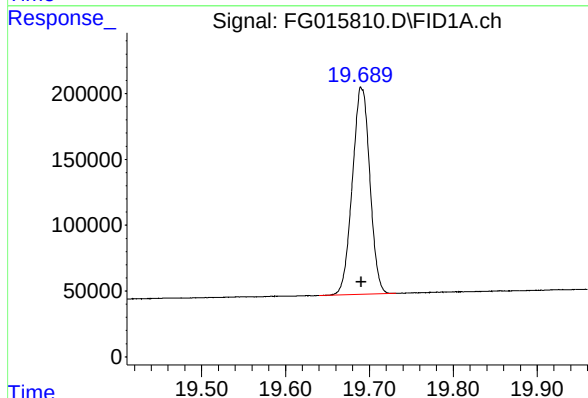
R.T.: 18.071 min
Delta R.T.: 0.000 min
Response: 2415823
Conc: 20.00 ug/ml

Instrument :
FID_G
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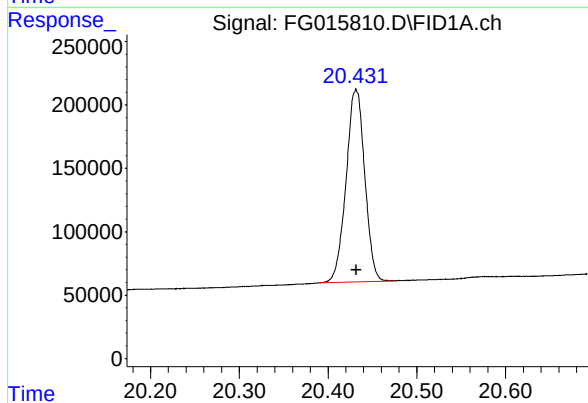
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: 0.000 min
Response: 2389551
Conc: 20.00 ug/ml



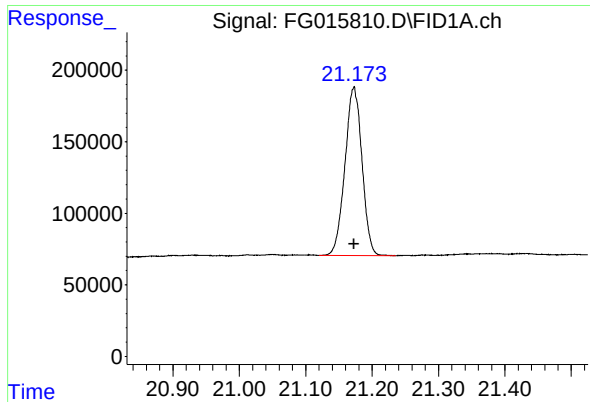
#19 n-Tetatriacontane (C34)

R.T.: 19.691 min
Delta R.T.: 0.000 min
Response: 2277934
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

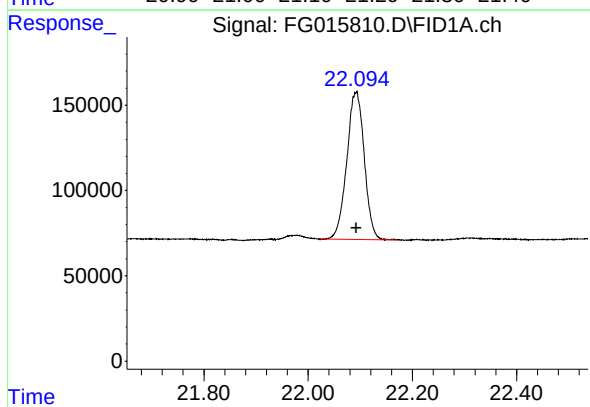
R.T.: 20.432 min
Delta R.T.: 0.000 min
Response: 2217509
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.000 min
Response: 2099538
Conc: 20.00 ug/ml

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FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: 0.000 min
Response: 2013326
Conc: 20.00 ug/ml