

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015815.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 13:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 12 14:31:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.895	3075183	20.654 ug/ml
Spiked Amount 50.000		Recovery =	41.31%
12) S 1-chlorooctadecane (S...	13.340	2381992	20.677 ug/ml
Spiked Amount 50.000		Recovery =	41.35%
Target Compounds			
1) T n-Nonane (C9)	3.242	2333173	20.796 ug/ml
2) T n-Decane (C10)	4.500	2348117	20.754 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2460374	21.045 ug/ml
4) T n-Dodecane (C12)	6.680	2391246	20.752 ug/ml
5) T A~2-methylnaphthalene...	7.315	2429562	21.271 ug/ml
6) T n-Tetradecane (C14)	8.518	2389299	20.743 ug/ml
7) T n-Hexadecane (C16)	10.131	2453995	20.750 ug/ml
8) T n-Octadecane (C18)	11.579	2519685	20.728 ug/ml
10) T n-Eicosane (C20)	12.894	2531808	20.659 ug/ml
11) T n-Heneicosane (C21)	13.508	2527365	20.634 ug/ml
13) T n-Docosane (C22)	14.096	2515814	20.649 ug/ml
14) T n-Tetracosane (C24)	15.203	2507895	20.705 ug/ml
15) T n-Hexacosane (C26)	16.227	2475070	20.676 ug/ml
16) T n-Octacosane (C28)	17.180	2432302	20.628 ug/ml
17) T n-Tricontane (C30)	18.069	2435180	20.494 ug/ml
18) T n-Dotriacontane (C32)	18.904	2439987	20.657 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2302127	20.616 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2205664	20.397 ug/ml
21) T n-Octatriacontane (C38)	21.172	2134518	20.549 ug/ml
22) T n-Tetracontane (C40)	22.092	2072233	20.321 ug/ml

(f)=RT Delta > 1/2 Window

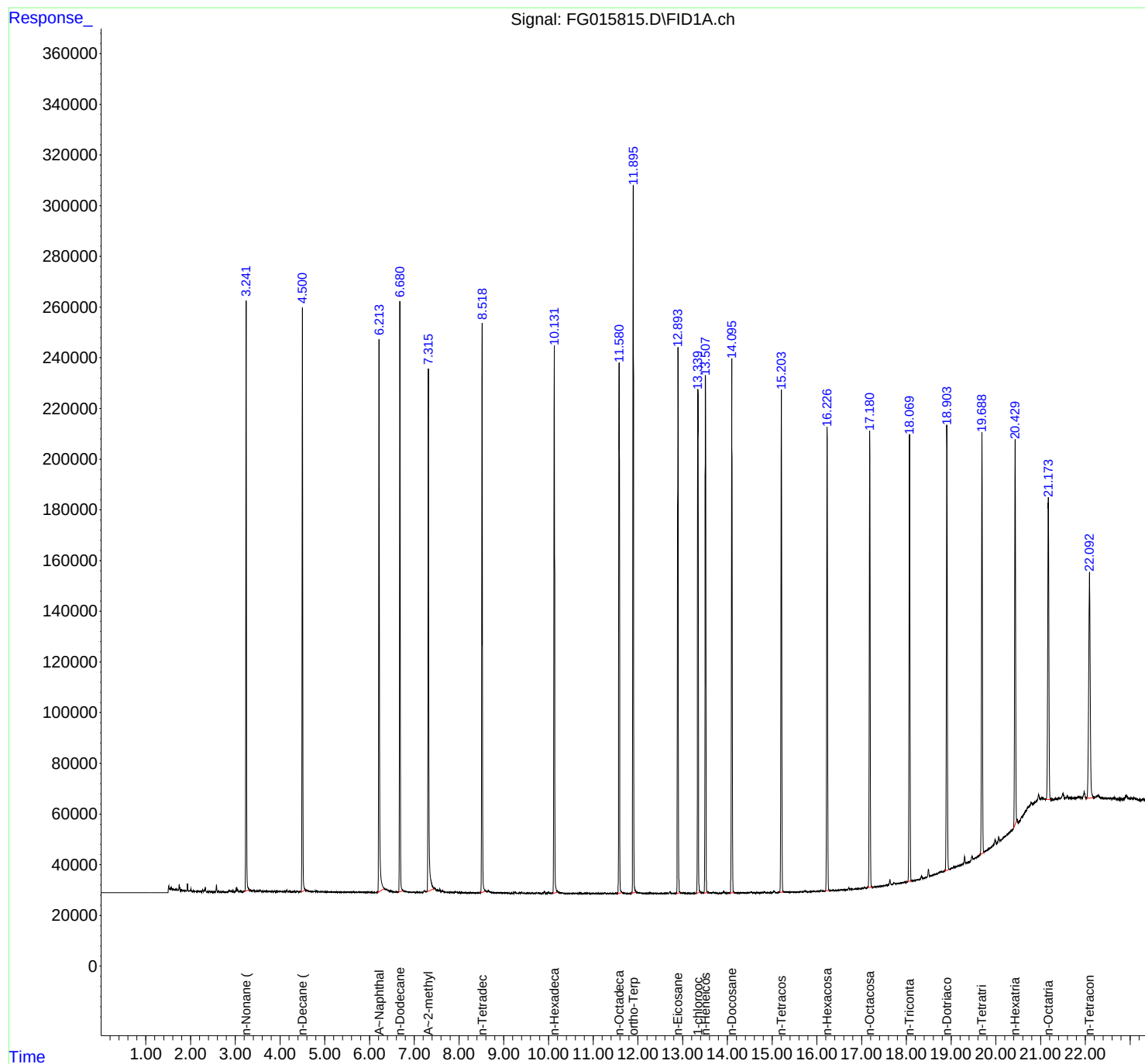
(m)=manual int.

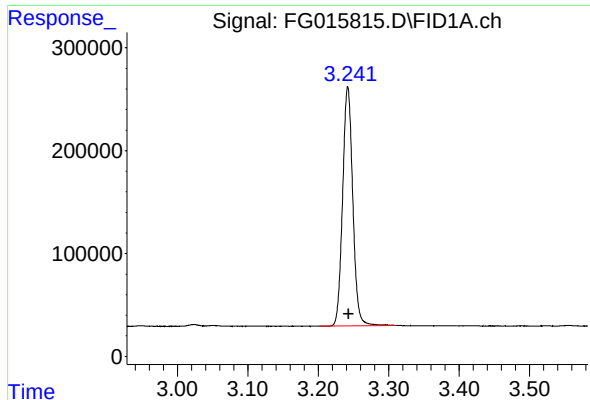
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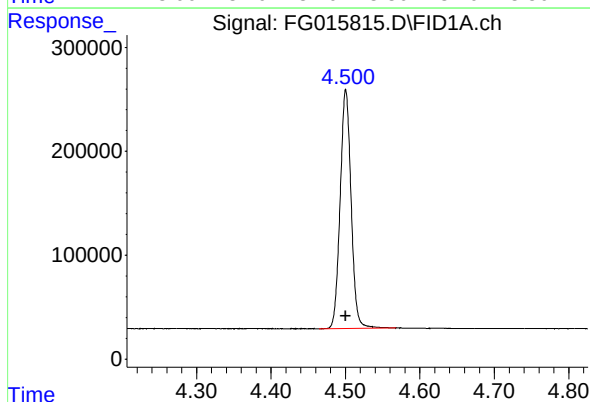




#1 n-Nonane (C9)

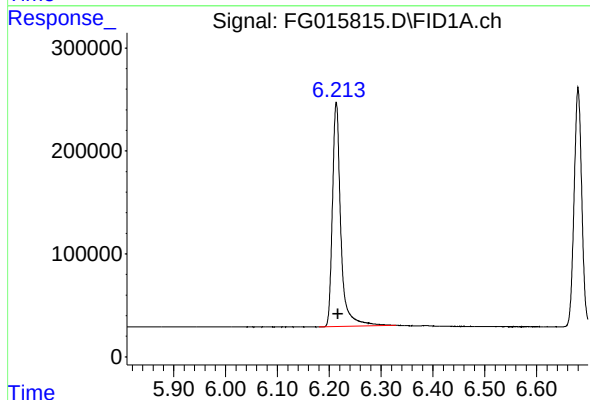
R.T.: 3.242 min
Delta R.T.: -0.001 min
Response: 2333173
Conc: 20.80 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



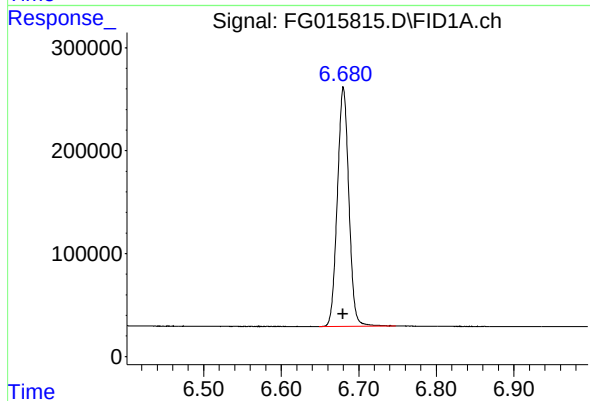
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 2348117
Conc: 20.75 ug/ml



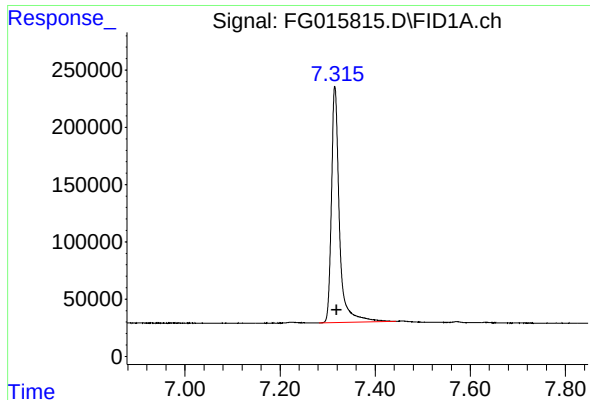
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 2460374
Conc: 21.05 ug/ml



#4 n-Dodecane (C12)

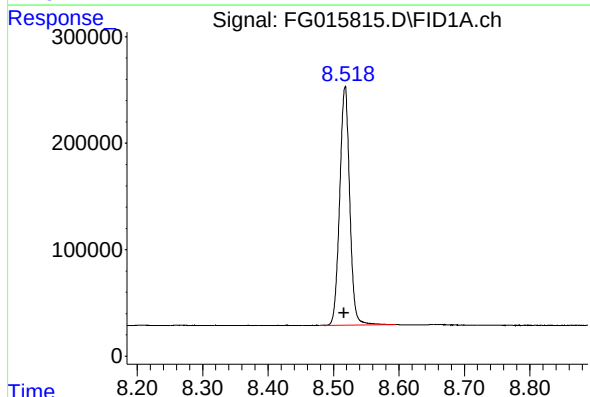
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 2391246
Conc: 20.75 ug/ml



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

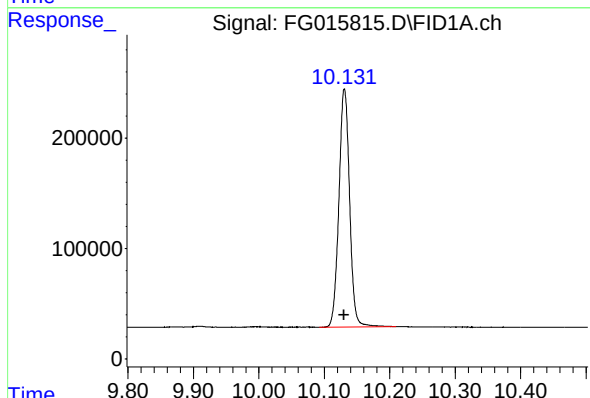
R.T.: 7.315 min
Delta R.T.: -0.004 min
Response: 2429562
Conc: 21.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



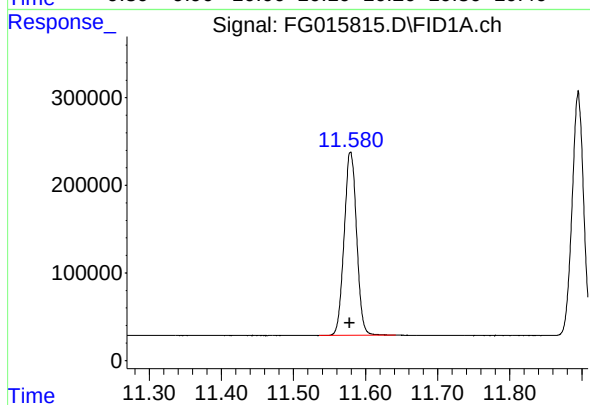
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.001 min
Response: 2389299
Conc: 20.74 ug/ml



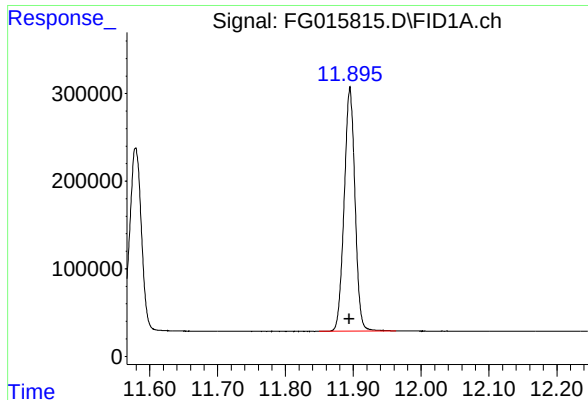
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.000 min
Response: 2453995
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

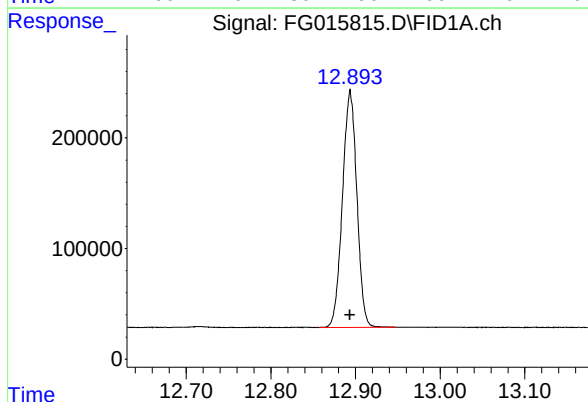
R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 2519685
Conc: 20.73 ug/ml



#9 ortho-Terphenyl (SURR)

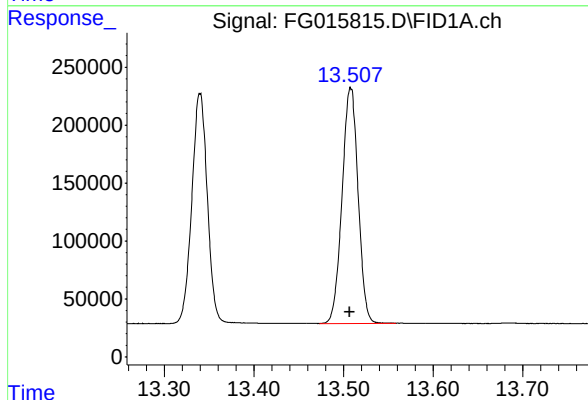
R.T.: 11.895 min
Delta R.T.: 0.001 min
Response: 3075183
Conc: 20.65 ug/ml

Instrument :
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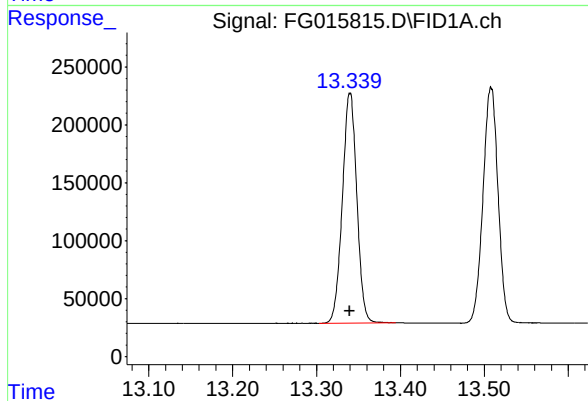
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 2531808
Conc: 20.66 ug/ml



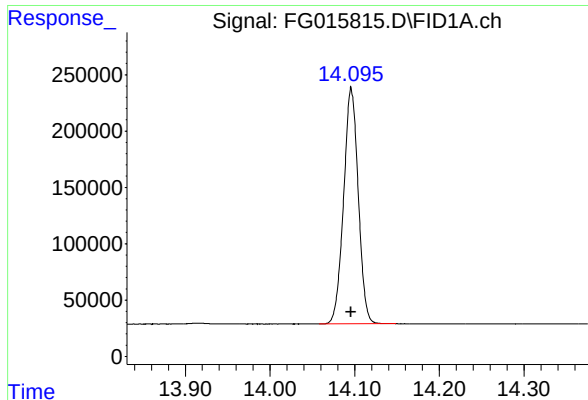
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2527365
Conc: 20.63 ug/ml



#12 1-chlorooctadecane (SURR)

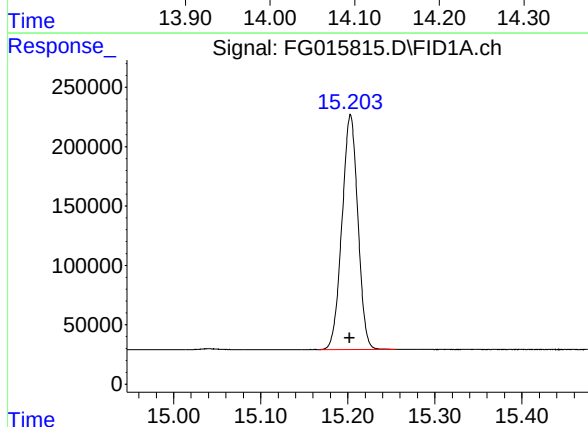
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 2381992
Conc: 20.68 ug/ml



#13 n-Docosane (C22)

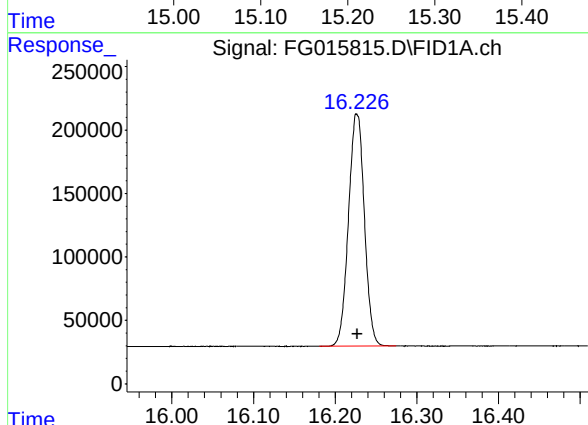
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 2515814
Conc: 20.65 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



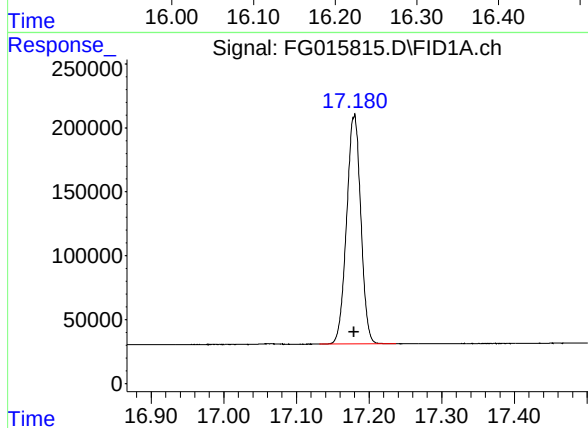
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: 0.000 min
Response: 2507895
Conc: 20.71 ug/ml



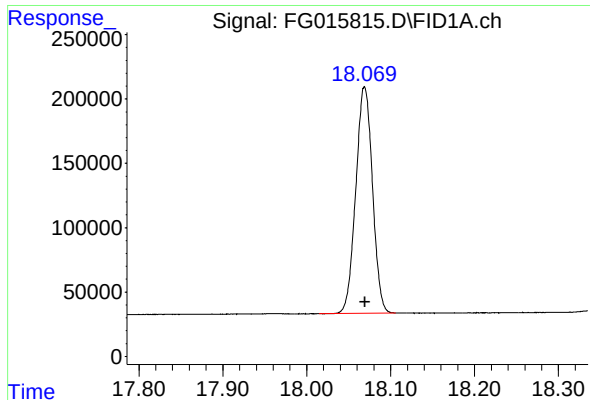
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: 0.000 min
Response: 2475070
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

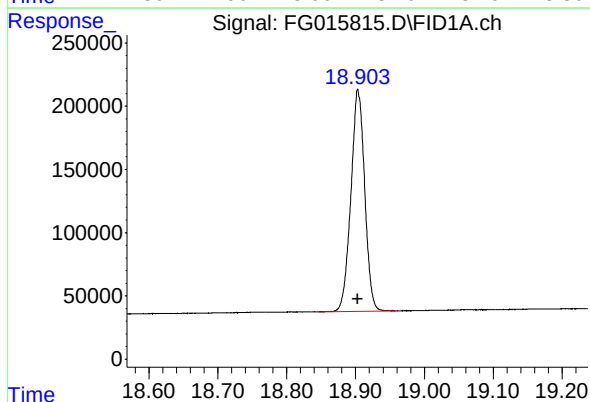
R.T.: 17.180 min
Delta R.T.: 0.000 min
Response: 2432302
Conc: 20.63 ug/ml



#17 n-Tricontane (C30)

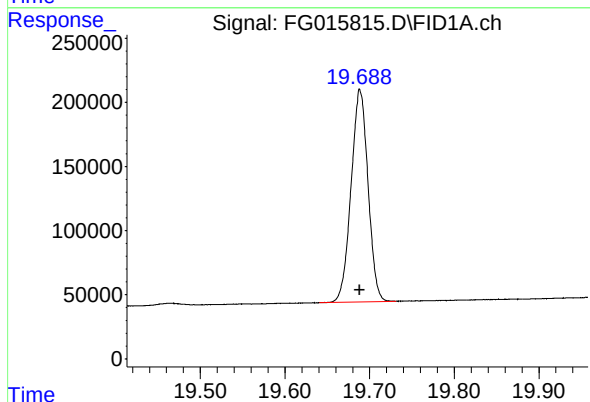
R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 2435180
Conc: 20.49 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



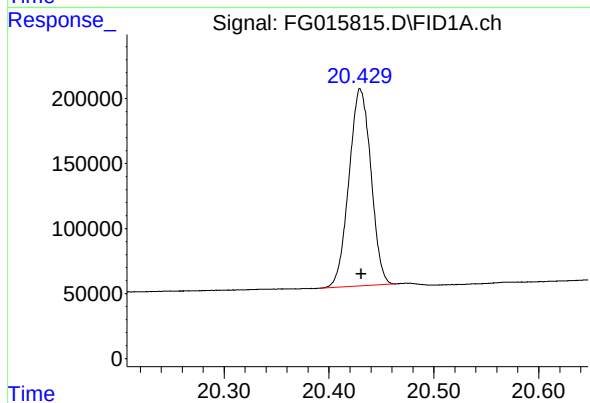
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.000 min
Response: 2439987
Conc: 20.66 ug/ml



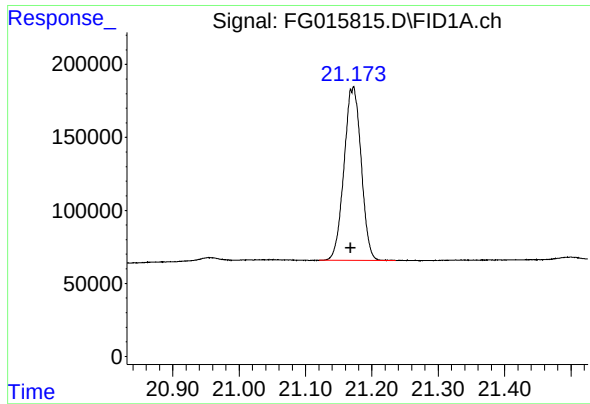
#19 n-Tetatriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.000 min
Response: 2302127
Conc: 20.62 ug/ml



#20 n-Hexatriacontane (C36)

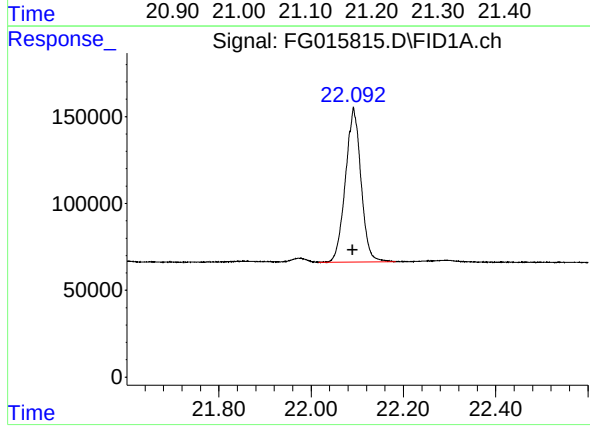
R.T.: 20.430 min
Delta R.T.: 0.000 min
Response: 2205664
Conc: 20.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.004 min
Response: 2134518
Conc: 20.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: 0.002 min
Response: 2072233
Conc: 20.32 ug/ml