

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042325AL\
 Data File : FG015748.D
 Signal(s) : FID1A.ch
 Acq On : 23 Apr 2025 08:10
 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: Apr 24 04:13:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:40:13 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)	11.898	2848255	19.647 ug/ml
Spiked Amount 50.000		Recovery =	39.29%
12) S 1-chlorooctadecane (S...	13.342	2135093	20.190 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	3.242	2097047	18.765 ug/ml
2) T n-Decane (C10)	4.503	2129762	18.993 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2216251	19.102 ug/ml
4) T n-Dodecane (C12)	6.684	2179507	19.062 ug/ml
5) T A~2-methylnaphthalene...	7.318	2164587	19.444 ug/ml
6) T n-Tetradecane (C14)	8.520	2189484	19.213 ug/ml
7) T n-Hexadecane (C16)	10.134	2263642	19.359 ug/ml
8) T n-Octadecane (C18)	11.582	2332037	19.496 ug/ml
10) T n-Eicosane (C20)	12.896	2339021	19.656 ug/ml
11) T n-Heneicosane (C21)	13.510	2330441	19.702 ug/ml
13) T n-Docosane (C22)	14.098	2326052	19.946 ug/ml
14) T n-Tetracosane (C24)	15.204	2294874	19.913 ug/ml
15) T n-Hexacosane (C26)	16.229	2265916	20.291 ug/ml
16) T n-Octacosane (C28)	17.181	2257574	20.744 ug/ml
17) T n-Tricontane (C30)	18.071	2337808	21.463 ug/ml
18) T n-Dotriacontane (C32)	18.905	2333740	21.692 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2164397	21.242 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2056526	21.023 ug/ml
21) T n-Octatriacontane (C38)	21.171	1948965	21.352 ug/ml
22) T n-Tetracontane (C40)	22.092	1874382	22.194 ug/ml

(f)=RT Delta > 1/2 Window

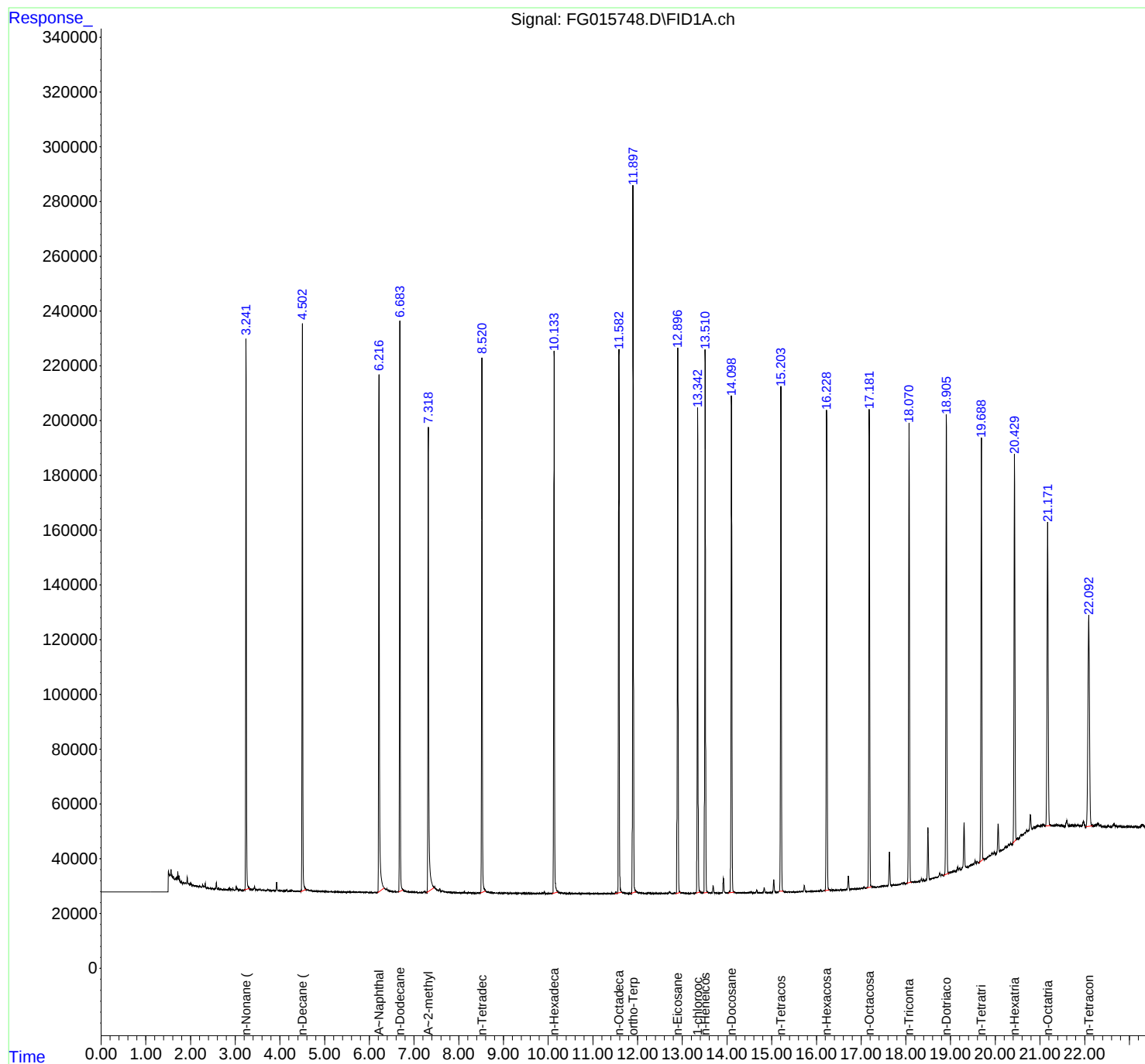
(m)=manual int.

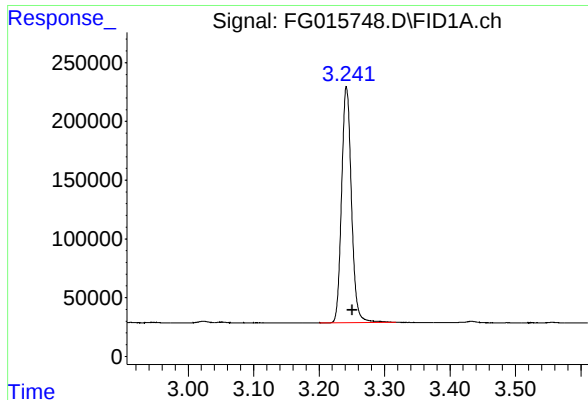
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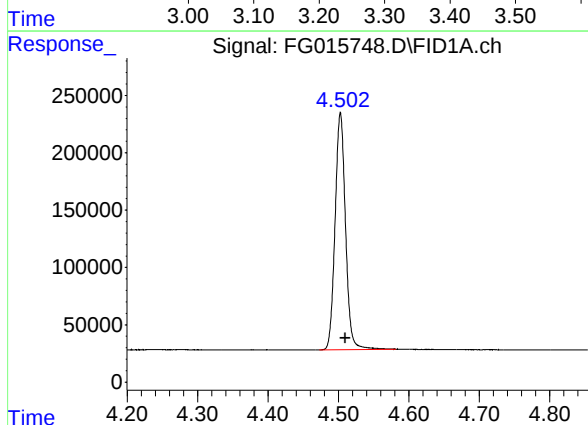




#1 n-Nonane (C9)

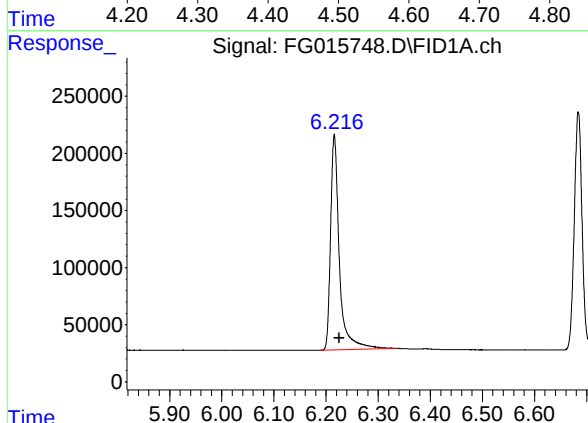
R.T.: 3.242 min
Delta R.T.: -0.009 min
Response: 2097047
Conc: 18.77 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



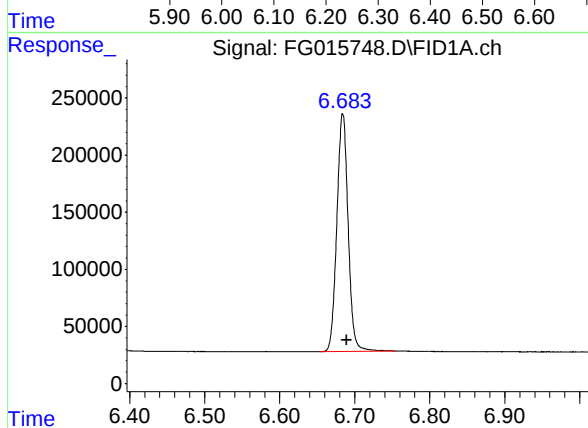
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.007 min
Response: 2129762
Conc: 18.99 ug/ml



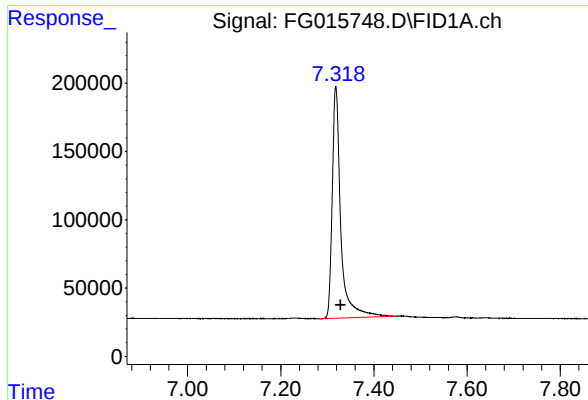
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.010 min
Response: 2216251
Conc: 19.10 ug/ml



#4 n-Dodecane (C12)

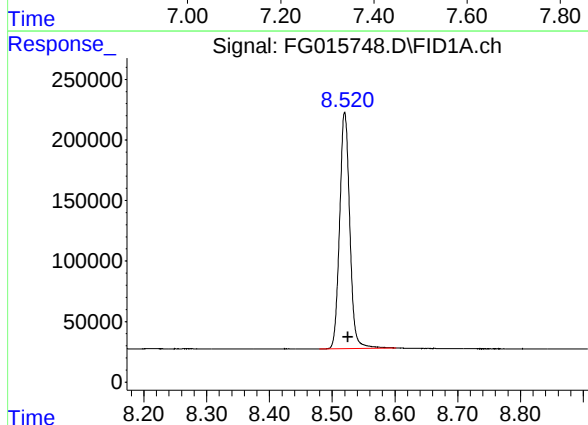
R.T.: 6.684 min
Delta R.T.: -0.005 min
Response: 2179507
Conc: 19.06 ug/ml



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

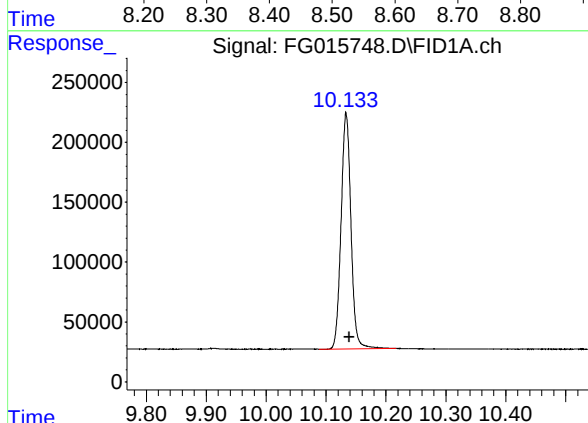
R.T.: 7.318 min
Delta R.T.: -0.010 min
Response: 2164587
Conc: 19.44 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



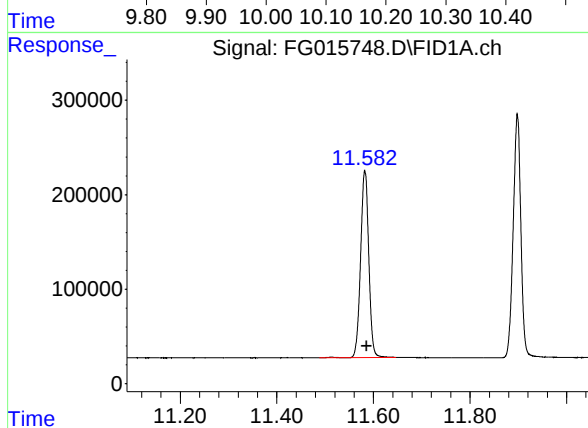
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.005 min
Response: 2189484
Conc: 19.21 ug/ml



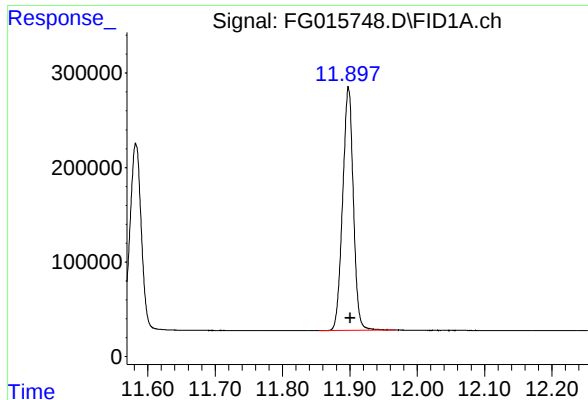
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.005 min
Response: 2263642
Conc: 19.36 ug/ml



#8 n-Octadecane (C18)

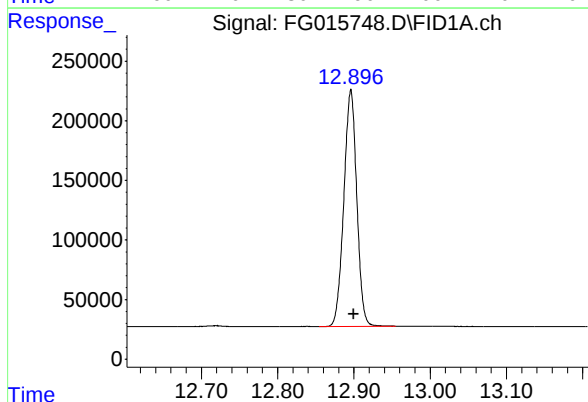
R.T.: 11.582 min
Delta R.T.: -0.004 min
Response: 2332037
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

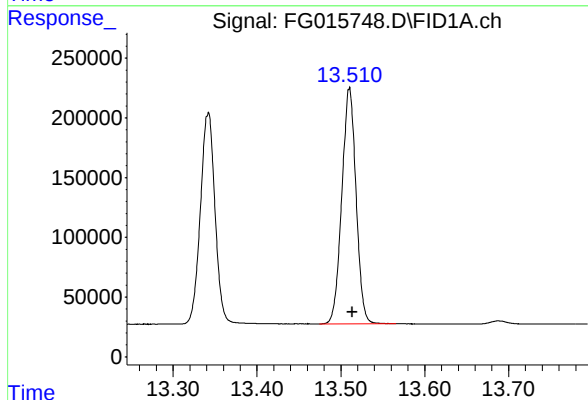
R.T.: 11.898 min
Delta R.T.: -0.003 min
Response: 2848255
Conc: 19.65 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



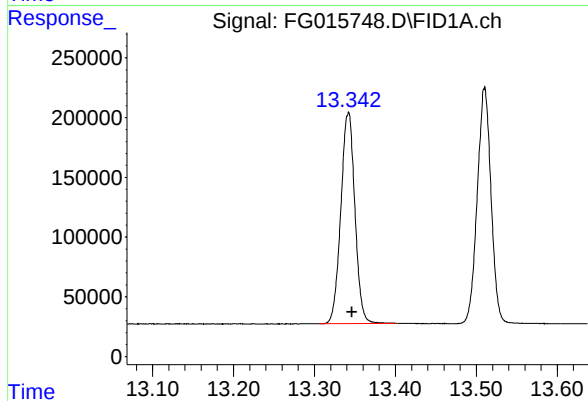
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.004 min
Response: 2339021
Conc: 19.66 ug/ml



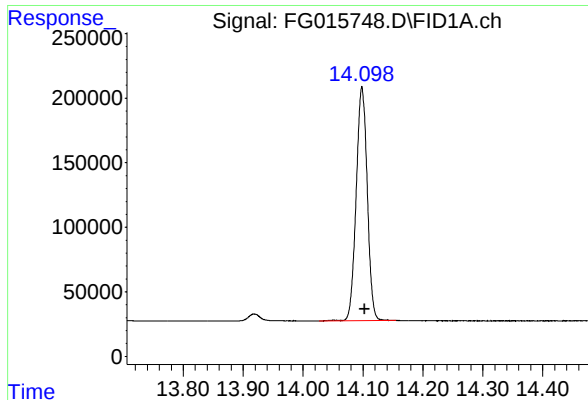
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 2330441
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

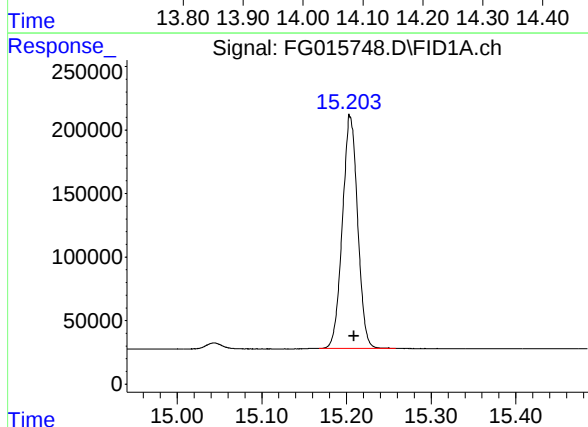
R.T.: 13.342 min
Delta R.T.: -0.005 min
Response: 2135093
Conc: 20.19 ug/ml



#13 n-Docosane (C22)

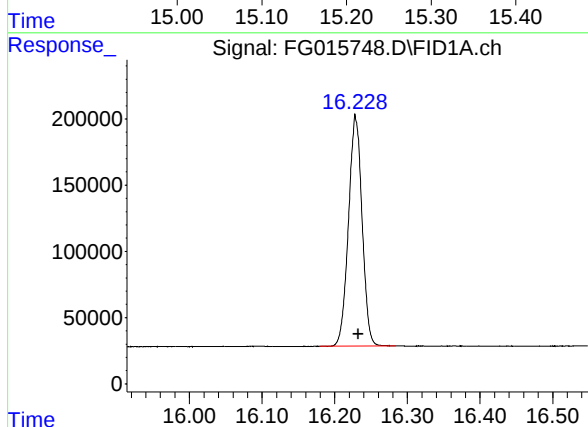
R.T.: 14.098 min
Delta R.T.: -0.004 min
Response: 2326052
Conc: 19.95 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



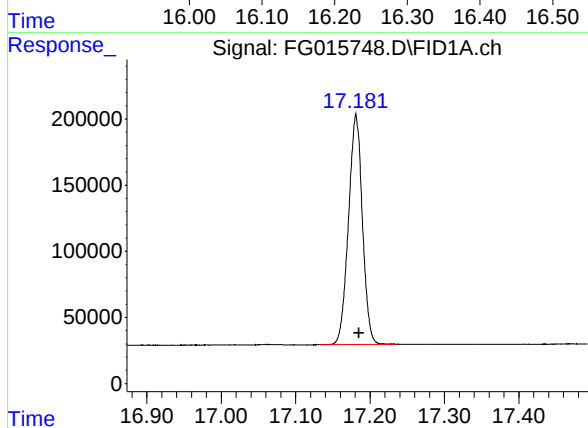
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: -0.004 min
Response: 2294874
Conc: 19.91 ug/ml



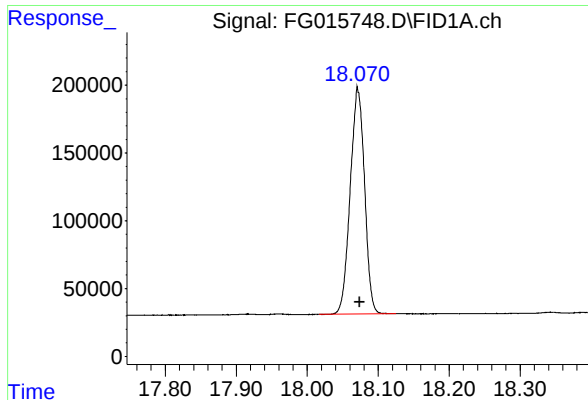
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.004 min
Response: 2265916
Conc: 20.29 ug/ml



#16 n-Octacosane (C28)

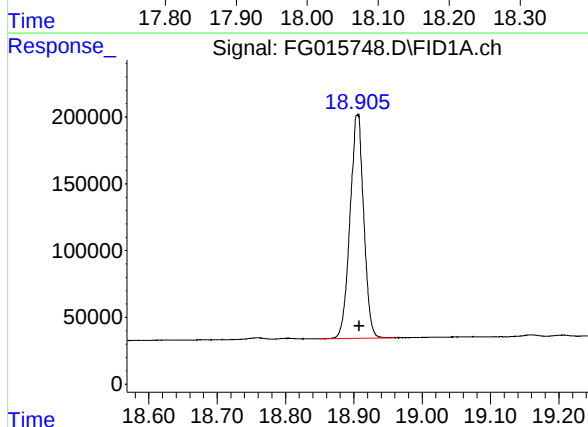
R.T.: 17.181 min
Delta R.T.: -0.004 min
Response: 2257574
Conc: 20.74 ug/ml



#17 n-Tricontane (C30)

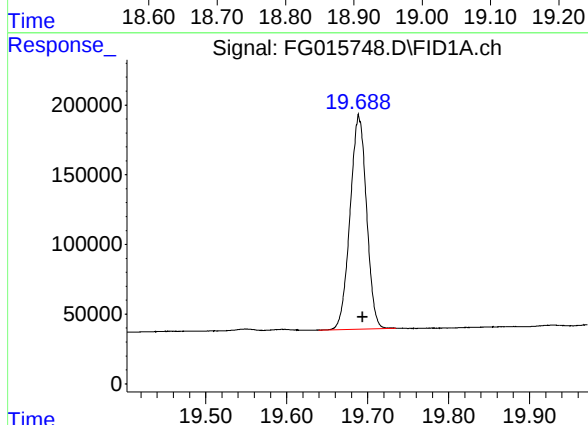
R.T.: 18.071 min
Delta R.T.: -0.003 min
Response: 2337808
Conc: 21.46 ug/ml

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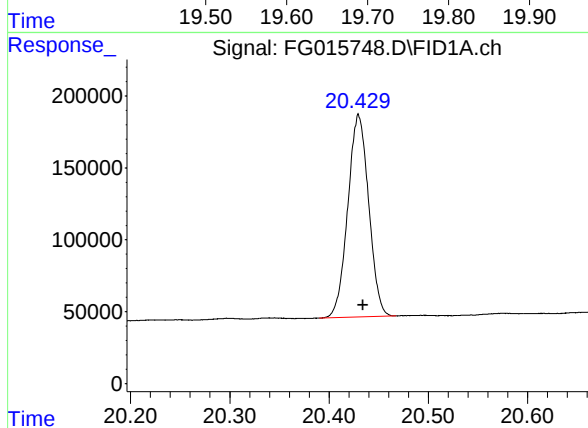
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.002 min
Response: 2333740
Conc: 21.69 ug/ml



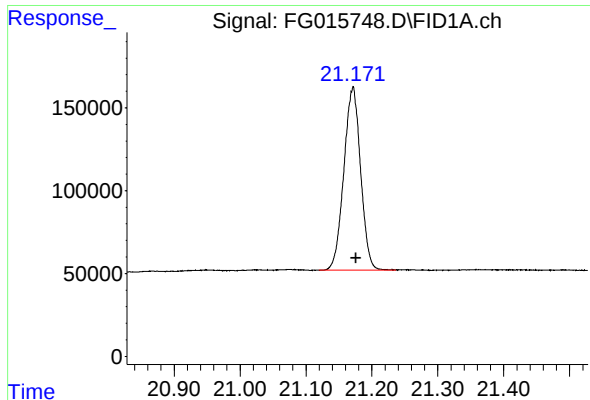
#19 n-Tetatriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.005 min
Response: 2164397
Conc: 21.24 ug/ml



#20 n-Hexatriacontane (C36)

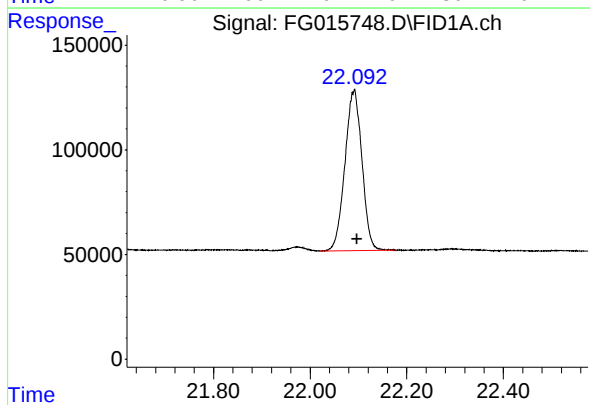
R.T.: 20.430 min
Delta R.T.: -0.004 min
Response: 2056526
Conc: 21.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.004 min
Response: 1948965
Conc: 21.35 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.005 min
Response: 1874382
Conc: 22.19 ug/ml