

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF030525AL\
 Data File : FF015614.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 22:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 06 00:19:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022525.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 25 16:05:42 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)	11.934	3006015	19.230 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
12) S 1-chlorooctadecane (S...	13.370	2295953	19.403 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T n-Nonane (C9)	3.310	2452839	19.675 ug/ml
2) T n-Decane (C10)	4.566	2497000	19.913 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2635803	20.567 ug/ml
4) T n-Dodecane (C12)	6.733	2534863	19.930 ug/ml
5) T A~2-methylnaphthalene...	7.370	2518193	21.371 ug/ml
6) T n-Tetradecane (C14)	8.560	2530329	20.144 ug/ml
7) T n-Hexadecane (C16)	10.168	2628534	20.130 ug/ml
8) T n-Octadecane (C18)	11.612	2703113	19.670 ug/ml
10) T n-Eicosane (C20)	12.923	2653500	19.181 ug/ml
11) T n-Heneicosane (C21)	13.536	2638361	18.991 ug/ml
13) T n-Docosane (C22)	14.123	2623600	18.969 ug/ml
14) T n-Tetracosane (C24)	15.227	2659397	18.761 ug/ml
15) T n-Hexacosane (C26)	16.250	2616914	18.421 ug/ml
16) T n-Octacosane (C28)	17.201	2569660	18.151 ug/ml
17) T n-Tricontane (C30)	18.089	2567541	17.582 ug/ml
18) T n-Dotriacontane (C32)	18.923	2429496	16.966 ug/ml
19) T n-Tetratriacontane (C34)	19.708	2148644	16.993 ug/ml
20) T n-Hexatriacontane (C36)	20.448	1789651	16.848 ug/ml
21) T n-Octatriacontane (C38)	21.185	1519685	16.824 ug/ml
22) T n-Tetracontane (C40)	22.100	1332963	17.190 ug/ml

(f)=RT Delta > 1/2 Window

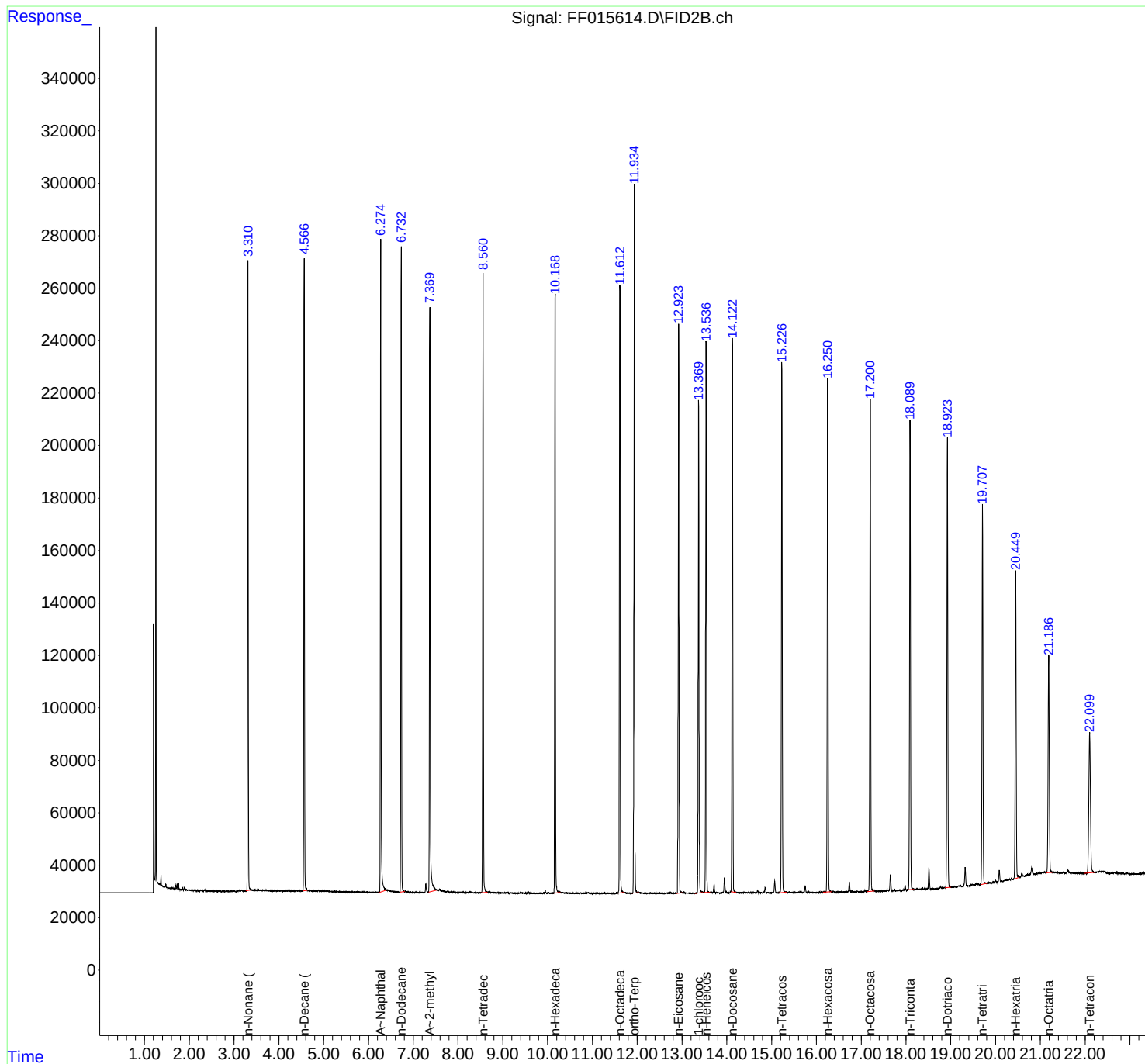
(m)=manual int.

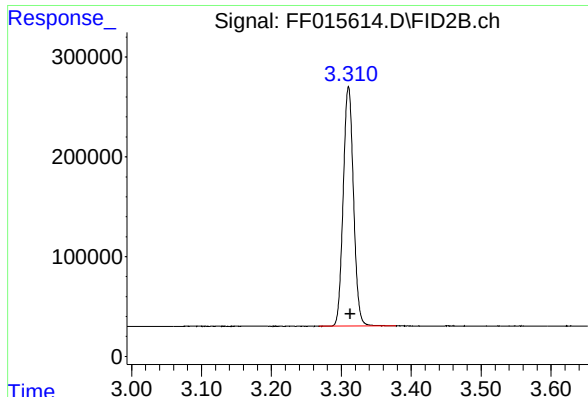
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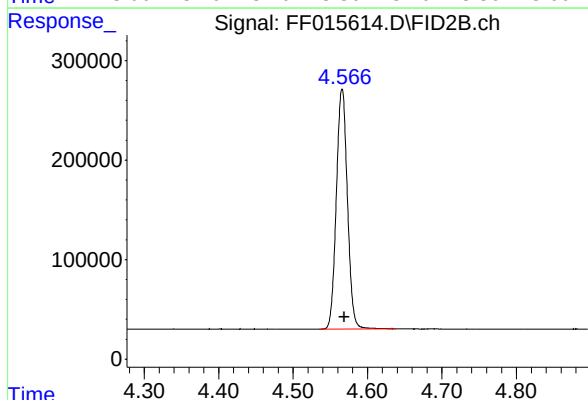




#1 n-Nonane (C9)

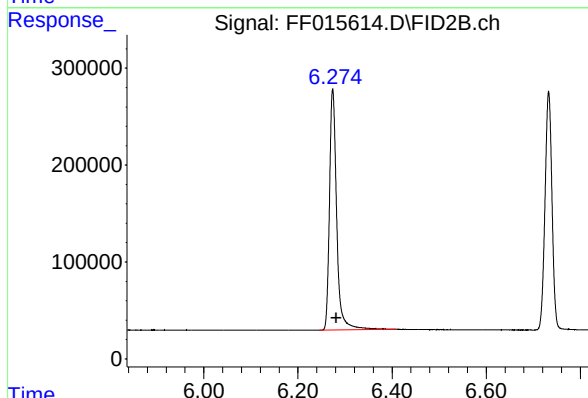
R.T.: 3.310 min
Delta R.T.: -0.003 min
Response: 2452839
Conc: 19.67 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



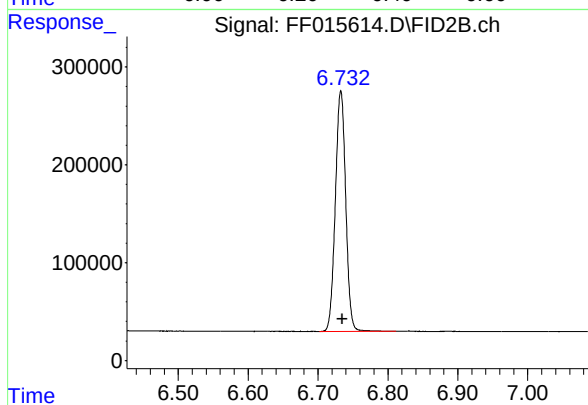
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.003 min
Response: 2497000
Conc: 19.91 ug/ml



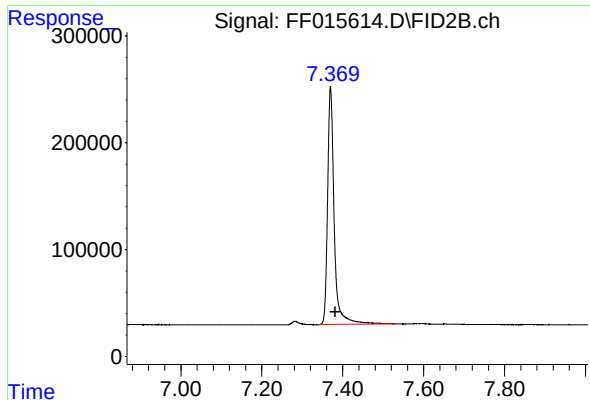
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.007 min
Response: 2635803
Conc: 20.57 ug/ml



#4 n-Dodecane (C12)

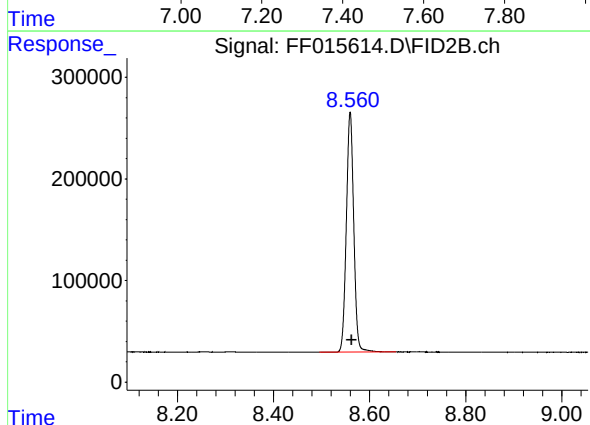
R.T.: 6.733 min
Delta R.T.: -0.002 min
Response: 2534863
Conc: 19.93 ug/ml



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

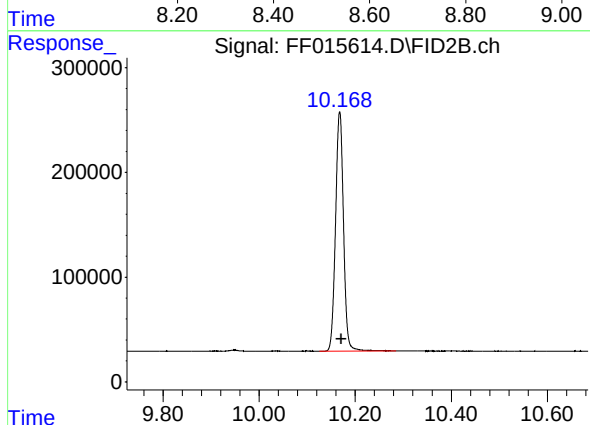
R.T.: 7.370 min
Delta R.T.: -0.012 min
Response: 2518193
Conc: 21.37 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



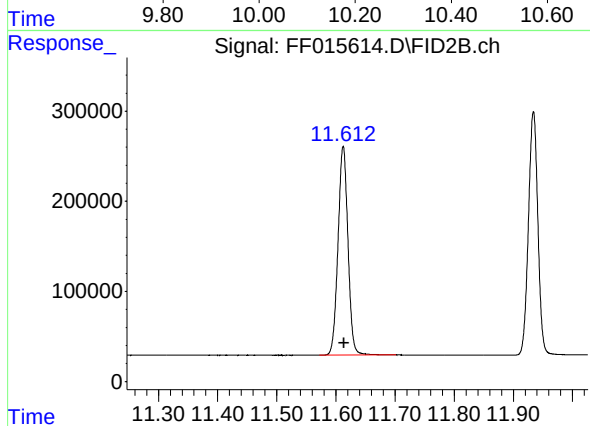
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: -0.003 min
Response: 2530329
Conc: 20.14 ug/ml



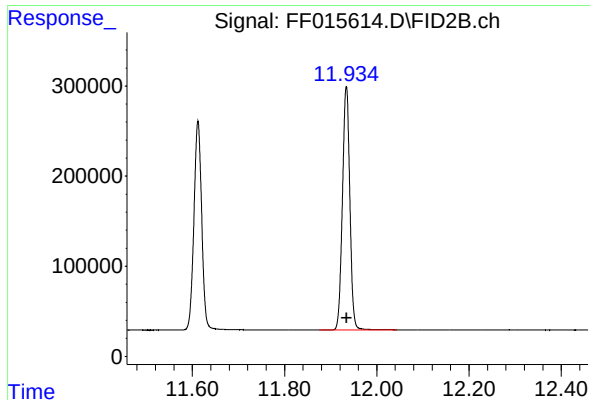
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.004 min
Response: 2628534
Conc: 20.13 ug/ml



#8 n-Octadecane (C18)

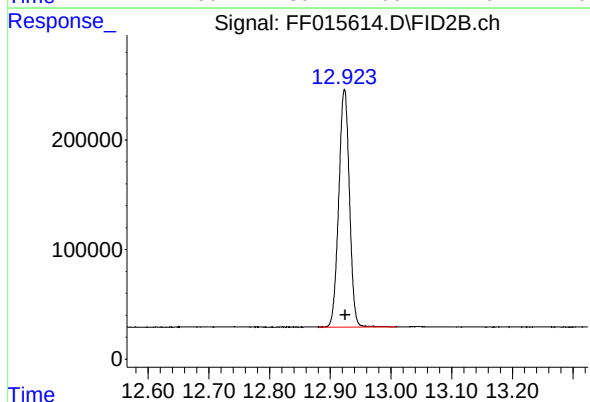
R.T.: 11.612 min
Delta R.T.: -0.001 min
Response: 2703113
Conc: 19.67 ug/ml



#9 ortho-Terphenyl (SURR)

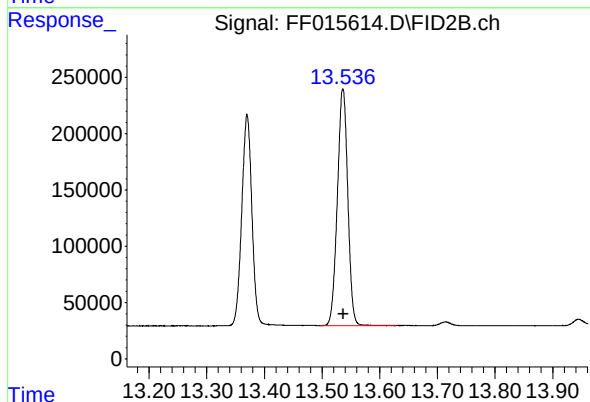
R.T.: 11.934 min
Delta R.T.: 0.000 min
Response: 3006015
Conc: 19.23 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



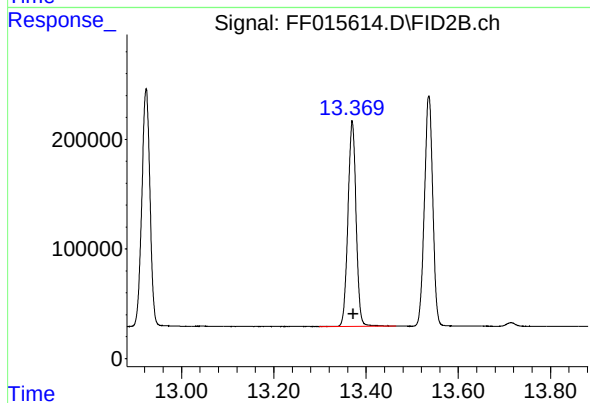
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.002 min
Response: 2653500
Conc: 19.18 ug/ml



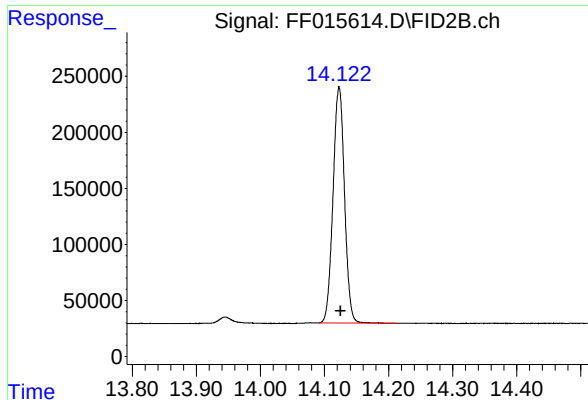
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.001 min
Response: 2638361
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

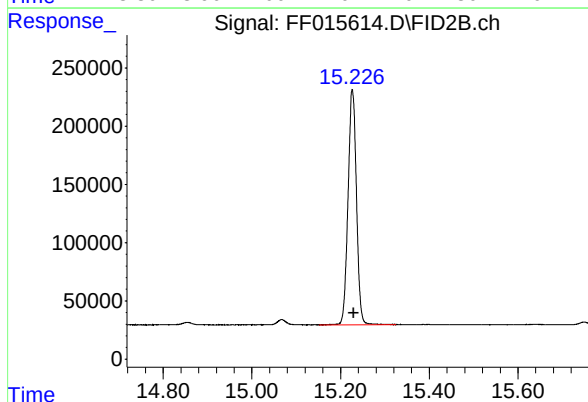
R.T.: 13.370 min
Delta R.T.: -0.002 min
Response: 2295953
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

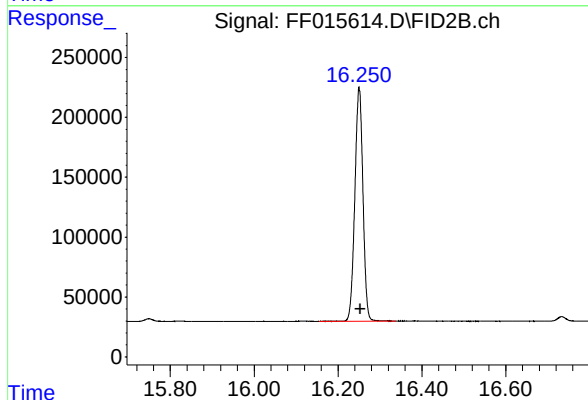
R.T.: 14.123 min
Delta R.T.: -0.002 min
Response: 2623600
Conc: 18.97 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



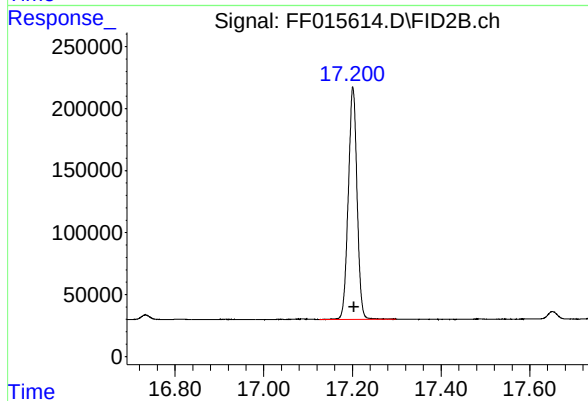
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.003 min
Response: 2659397
Conc: 18.76 ug/ml



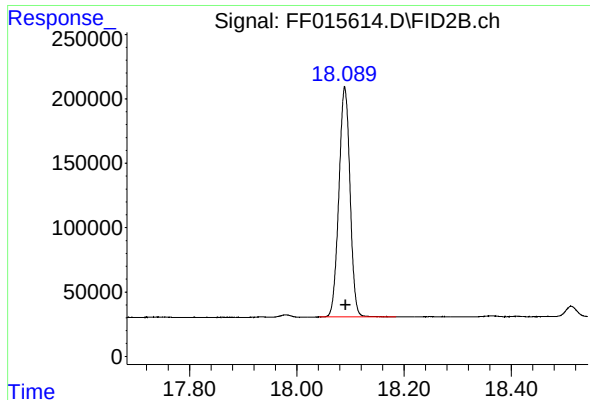
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.003 min
Response: 2616914
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

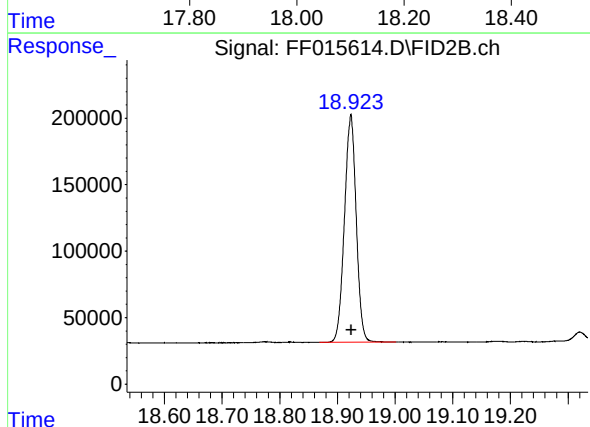
R.T.: 17.201 min
Delta R.T.: -0.002 min
Response: 2569660
Conc: 18.15 ug/ml



#17 n-Tricontane (C30)

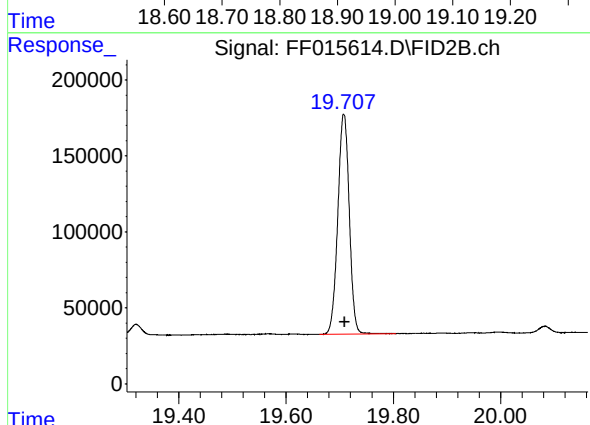
R.T.: 18.089 min
Delta R.T.: -0.002 min
Response: 2567541
Conc: 17.58 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



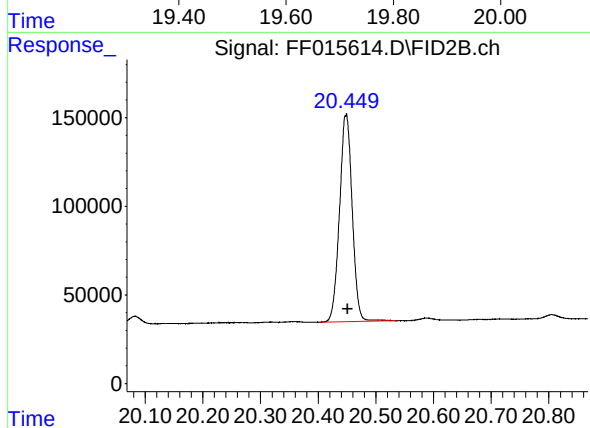
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.001 min
Response: 2429496
Conc: 16.97 ug/ml



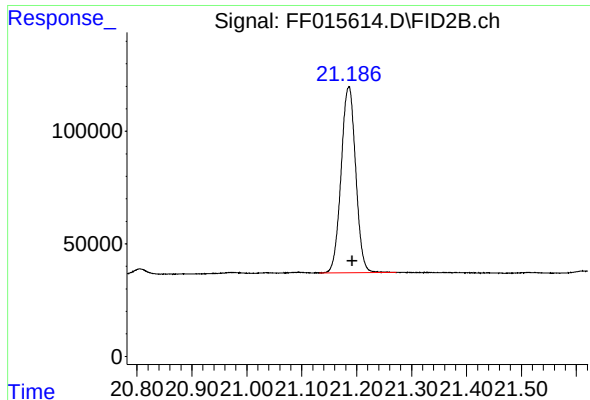
#19 n-Tetatriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.002 min
Response: 2148644
Conc: 16.99 ug/ml



#20 n-Hexatriacontane (C36)

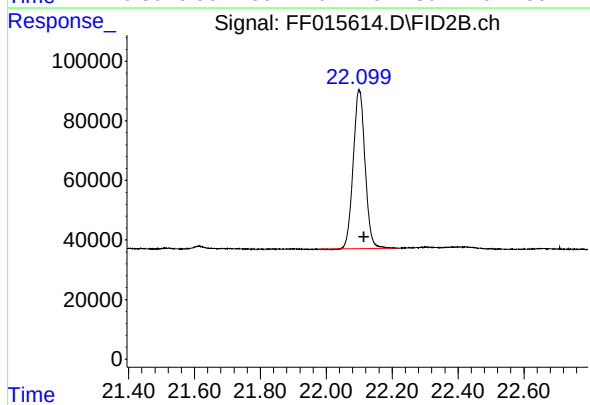
R.T.: 20.448 min
Delta R.T.: -0.003 min
Response: 1789651
Conc: 16.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.007 min
Response: 1519685
Conc: 16.82 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: -0.014 min
Response: 1332963
Conc: 17.19 ug/ml