

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081823AL\
 Data File : FF013200.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 10:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 18 23:53:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 2023
 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)	11.886	2398556	17.458 ug/ml
Spiked Amount 50.000		Recovery =	34.92%
12) S 1-chlorooctadecane (S...	13.324	1744974	16.652 ug/ml
Spiked Amount 50.000		Recovery =	33.30%
Target Compounds			
1) T n-Nonane (C9)	3.282	1869061	17.492 ug/ml
2) T n-Decane (C10)	4.535	1877589	17.521 ug/ml
3) T A~Naphthalene (C11.7)	6.231	2072079	17.502 ug/ml
4) T n-Dodecane (C12)	6.699	1894230	17.506 ug/ml
5) T A~2-methylnaphthalene...	7.325	2072104	17.481 ug/ml
6) T n-Tetradecane (C14)	8.523	1887479	17.486 ug/ml
7) T n-Hexadecane (C16)	10.130	1893277	17.466 ug/ml
8) T n-Octadecane (C18)	11.572	1924184	17.573 ug/ml
10) T n-Eicosane (C20)	12.881	1912482	17.429 ug/ml
11) T n-Heneicosane (C21)	13.492	1914105	17.422 ug/ml
13) T n-Docosane (C22)	14.078	1910382	17.401 ug/ml
14) T n-Tetracosane (C24)	15.180	1908515	17.371 ug/ml
15) T n-Hexacosane (C26)	16.200	1895088	17.340 ug/ml
16) T n-Octacosane (C28)	17.150	1865952	17.282 ug/ml
17) T n-Tricontane (C30)	18.037	1871455	17.113 ug/ml
18) T n-Dotriacontane (C32)	18.868	1867601	16.534 ug/ml
19) T n-Tetratriacontane (C34)	19.650	1768683	16.651 ug/ml
20) T n-Hexatriacontane (C36)	20.390	1709389	16.218 ug/ml
21) T n-Octatriacontane (C38)	21.118	1593650	15.779 ug/ml
22) T n-Tetracontane (C40)	22.009	1402367	14.110 ug/ml

(f)=RT Delta > 1/2 Window

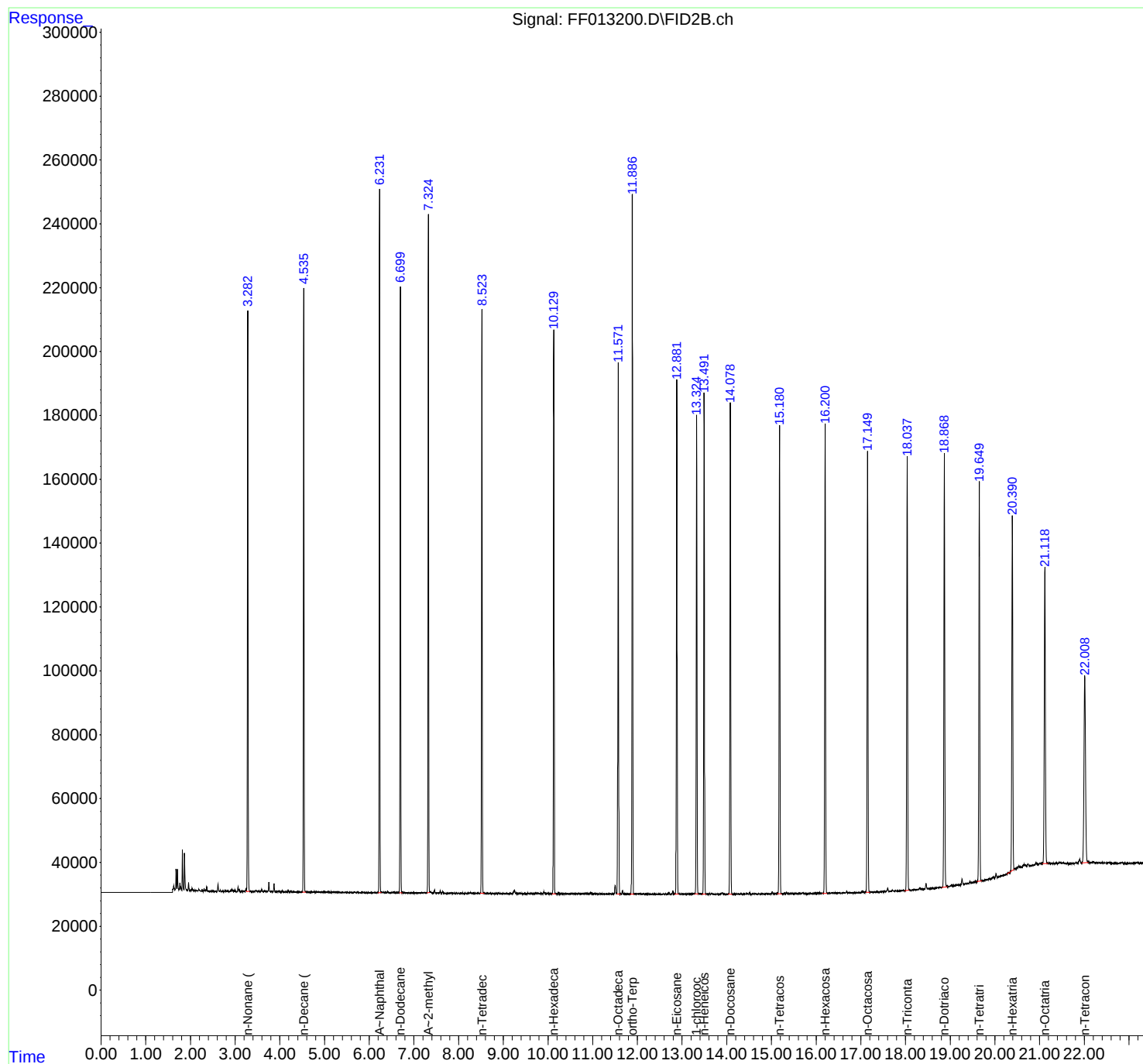
(m)=manual int.

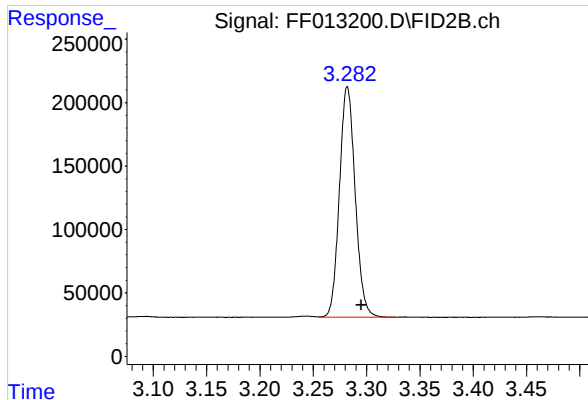
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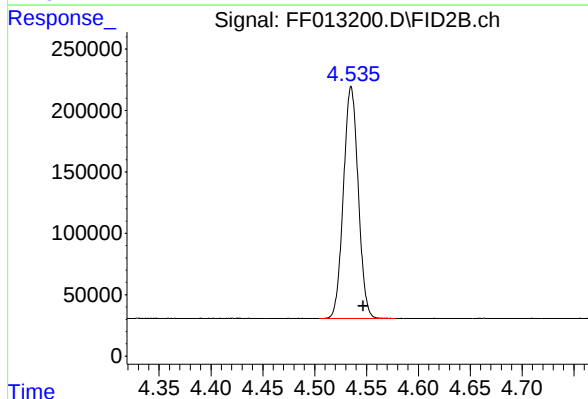




#1 n-Nonane (C9)

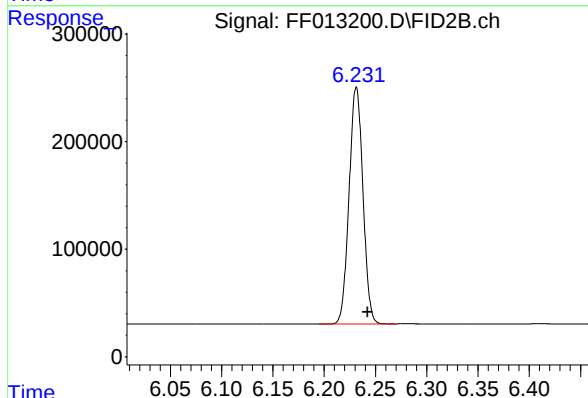
R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 1869061
Conc: 17.49 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



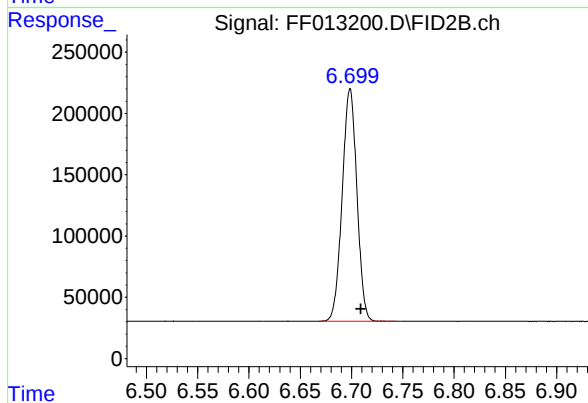
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.011 min
Response: 1877589
Conc: 17.52 ug/ml



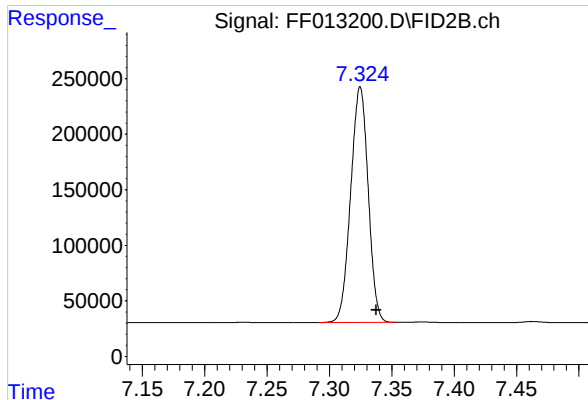
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.011 min
Response: 2072079
Conc: 17.50 ug/ml



#4 n-Dodecane (C12)

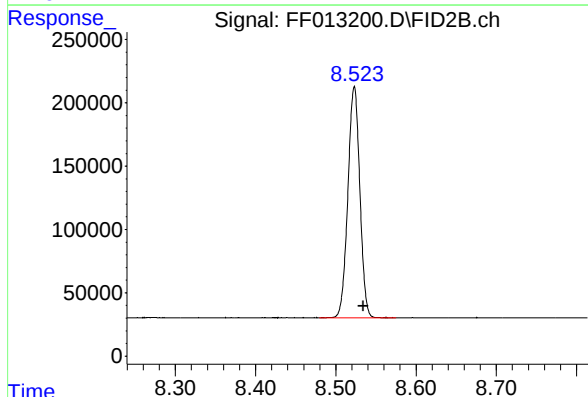
R.T.: 6.699 min
Delta R.T.: -0.011 min
Response: 1894230
Conc: 17.51 ug/ml



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

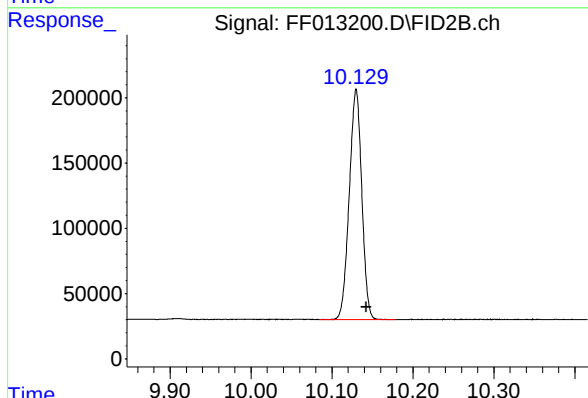
R.T.: 7.325 min
Delta R.T.: -0.013 min
Response: 2072104
Conc: 17.48 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



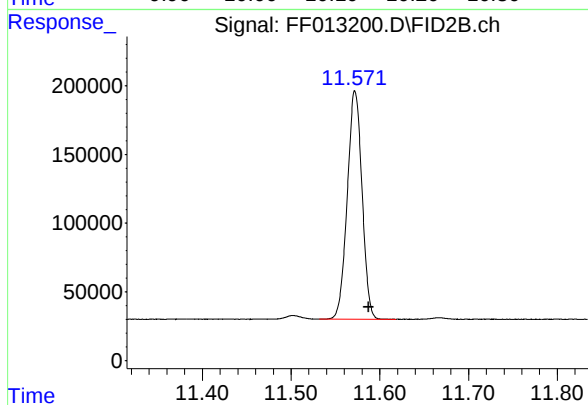
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.011 min
Response: 1887479
Conc: 17.49 ug/ml



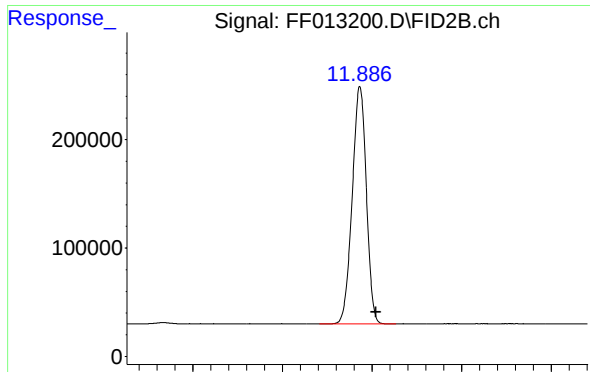
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.013 min
Response: 1893277
Conc: 17.47 ug/ml



#8 n-Octadecane (C18)

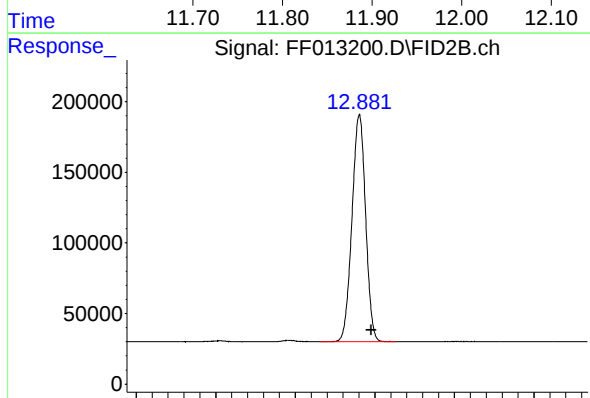
R.T.: 11.572 min
Delta R.T.: -0.016 min
Response: 1924184
Conc: 17.57 ug/ml



#9 ortho-Terphenyl (SURR)

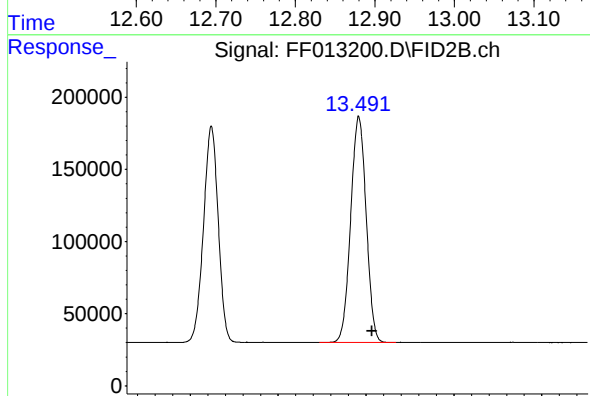
R.T.: 11.886 min
Delta R.T.: -0.018 min
Response: 2398556
Conc: 17.46 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



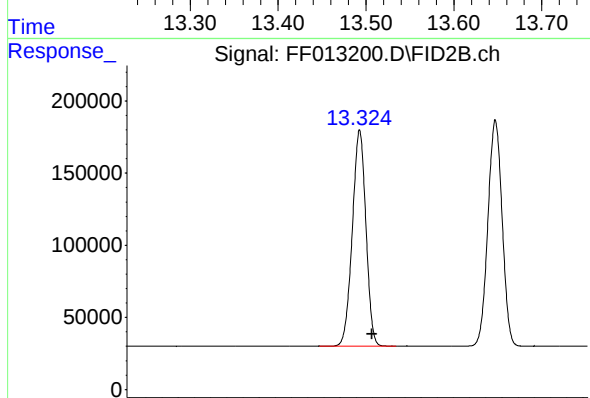
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.015 min
Response: 1912482
Conc: 17.43 ug/ml



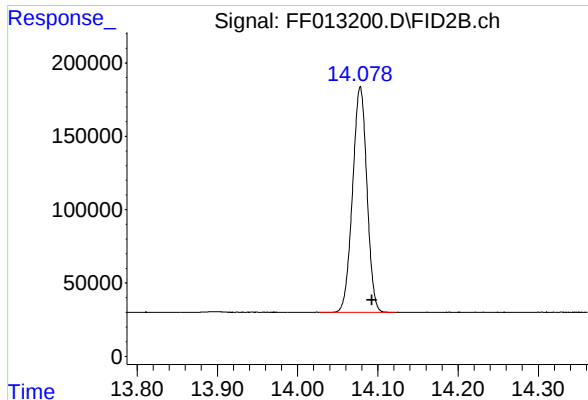
#11 n-Heneicosane (C21)

R.T.: 13.492 min
Delta R.T.: -0.015 min
Response: 1914105
Conc: 17.42 ug/ml



#12 1-chlorooctadecane (SURR)

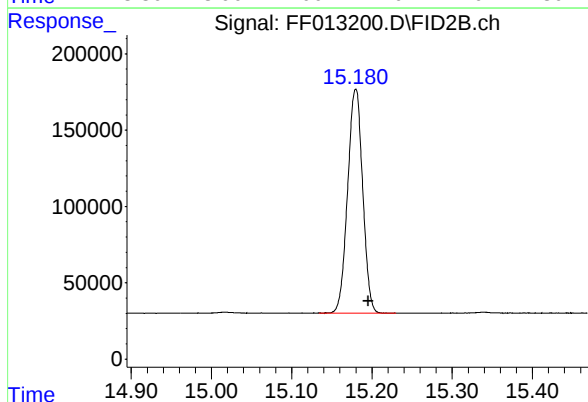
R.T.: 13.324 min
Delta R.T.: -0.015 min
Response: 1744974
Conc: 16.65 ug/ml



#13 n-Docosane (C22)

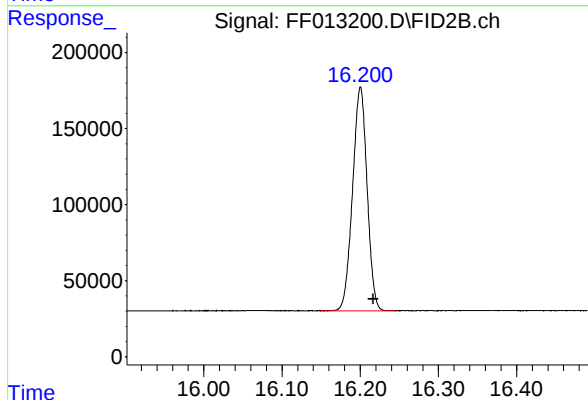
R.T.: 14.078 min
Delta R.T.: -0.014 min
Response: 1910382
Conc: 17.40 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



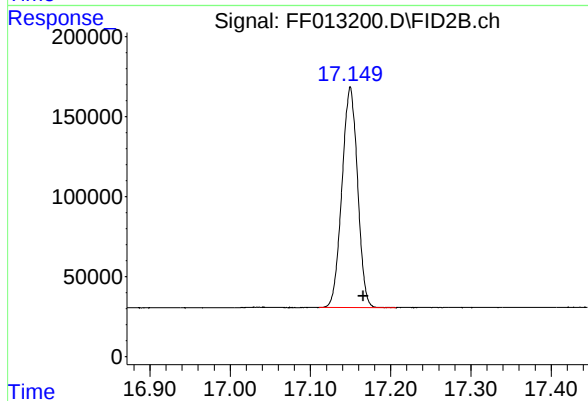
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.016 min
Response: 1908515
Conc: 17.37 ug/ml



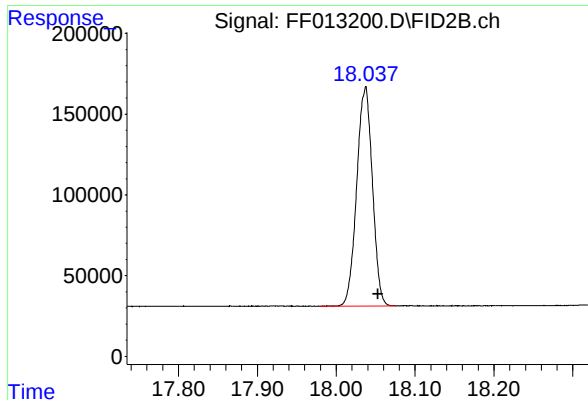
#15 n-Hexacosane (C26)

R.T.: 16.200 min
Delta R.T.: -0.016 min
Response: 1895088
Conc: 17.34 ug/ml



#16 n-Octacosane (C28)

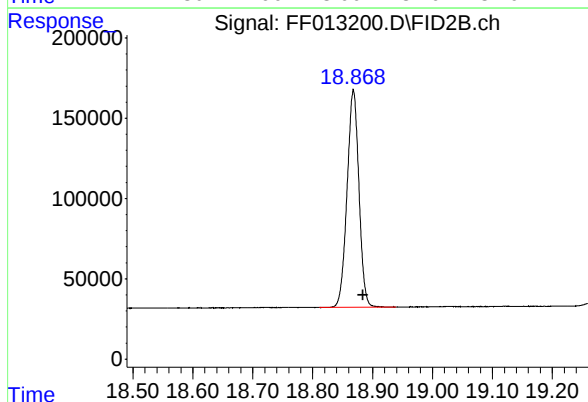
R.T.: 17.150 min
Delta R.T.: -0.016 min
Response: 1865952
Conc: 17.28 ug/ml



#17 n-Tricontane (C30)

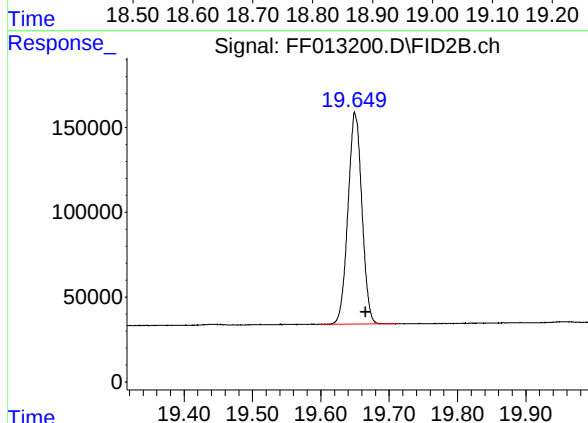
R.T.: 18.037 min
Delta R.T.: -0.016 min
Response: 1871455
Conc: 17.11 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



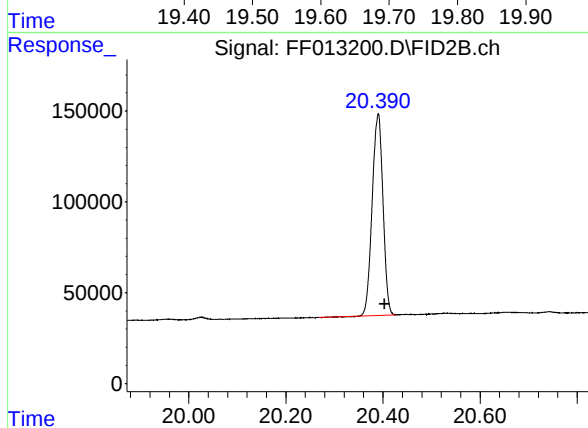
#18 n-Dotriacontane (C32)

R.T.: 18.868 min
Delta R.T.: -0.016 min
Response: 1867601
Conc: 16.53 ug/ml



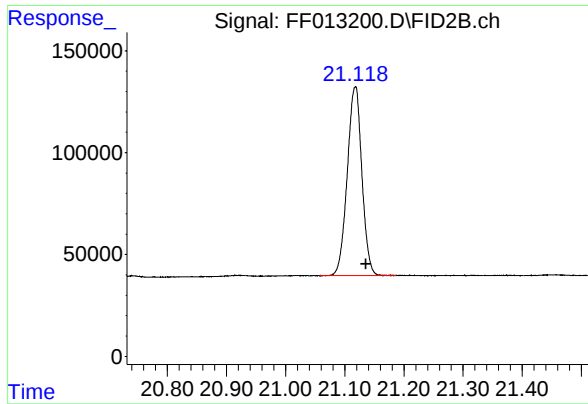
#19 n-Tetatriacontane (C34)

R.T.: 19.650 min
Delta R.T.: -0.015 min
Response: 1768683
Conc: 16.65 ug/ml



#20 n-Hexatriacontane (C36)

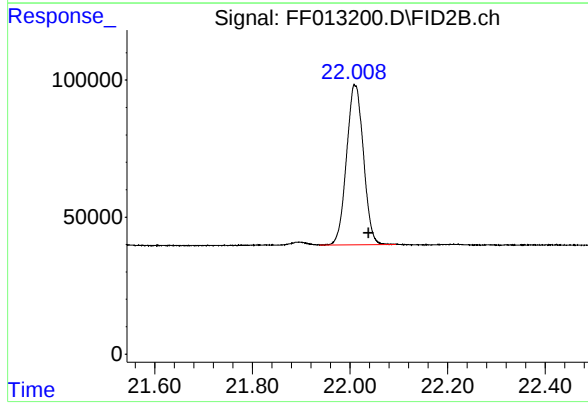
R.T.: 20.390 min
Delta R.T.: -0.013 min
Response: 1709389
Conc: 16.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.118 min
Delta R.T.: -0.018 min
Response: 1593650
Conc: 15.78 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.029 min
Response: 1402367
Conc: 14.11 ug/ml