

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051324AL\
 Data File : FF014225.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 14:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 14 01:35:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 2024
 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)	11.838	3180638	22.576 ug/ml
Spiked Amount 50.000		Recovery =	45.15%
12) S 1-chlorooctadecane (S...	13.280	2237617	22.063 ug/ml
Spiked Amount 50.000		Recovery =	44.13%
Target Compounds			
1) T n-Nonane (C9)	3.238	2861661	21.971 ug/ml
2) T n-Decane (C10)	4.487	2913821	21.988 ug/ml
3) T A~Naphthalene (C11.7)	6.182	2900252	21.790 ug/ml
4) T n-Dodecane (C12)	6.651	2933888	22.081 ug/ml
5) T A~2-methylnaphthalene...	7.277	2676663	21.969 ug/ml
6) T n-Tetradecane (C14)	8.478	2863118	22.164 ug/ml
7) T n-Hexadecane (C16)	10.084	2940007	22.459 ug/ml
8) T n-Octadecane (C18)	11.527	2978215	22.401 ug/ml
10) T n-Eicosane (C20)	12.837	2856927	22.373 ug/ml
11) T n-Heneicosane (C21)	13.449	2797813	22.385 ug/ml
13) T n-Docosane (C22)	14.036	2756616	22.389 ug/ml
14) T n-Tetracosane (C24)	15.140	2680752	22.201 ug/ml
15) T n-Hexacosane (C26)	16.162	2571284	22.089 ug/ml
16) T n-Octacosane (C28)	17.112	2443356	21.748 ug/ml
17) T n-Tricontane (C30)	17.998	2395813	21.333 ug/ml
18) T n-Dotriacontane (C32)	18.831	2268956	20.833 ug/ml
19) T n-Tetratriacontane (C34)	19.616	2085900	20.022 ug/ml
20) T n-Hexatriacontane (C36)	20.355	1891767	19.084 ug/ml
21) T n-Octatriacontane (C38)	21.079	1703134	17.649 ug/ml
22) T n-Tetracontane (C40)	21.958	1468027	15.647 ug/ml

(f)=RT Delta > 1/2 Window

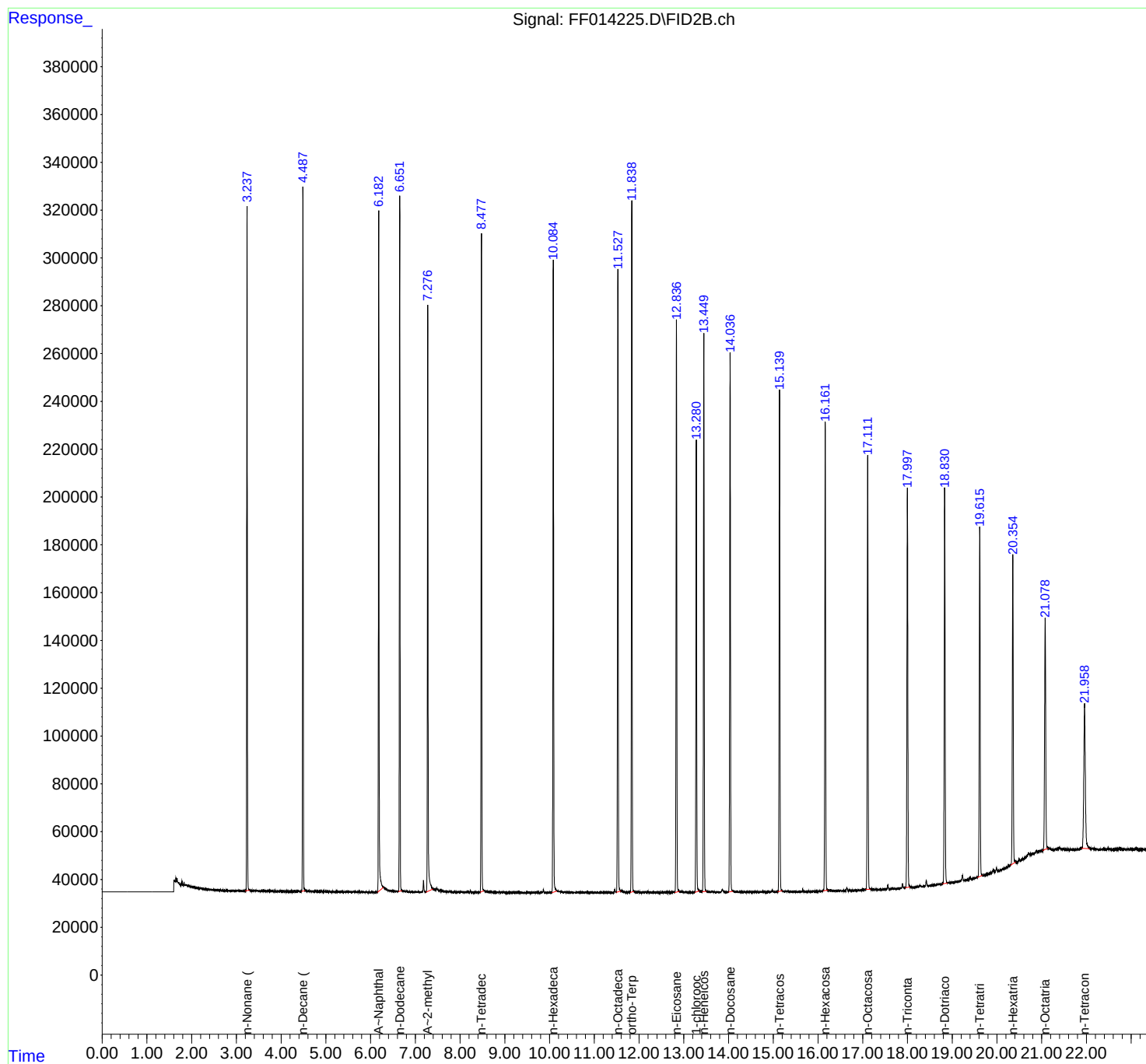
(m)=manual int.

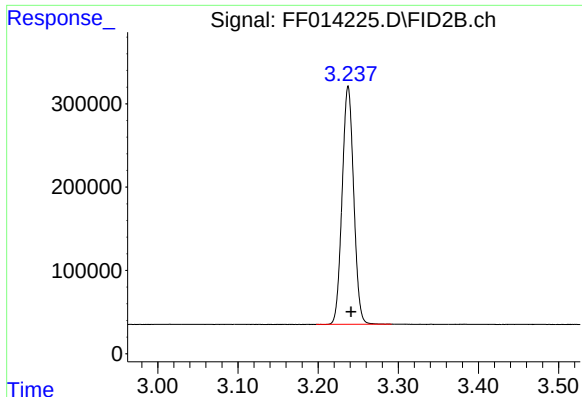
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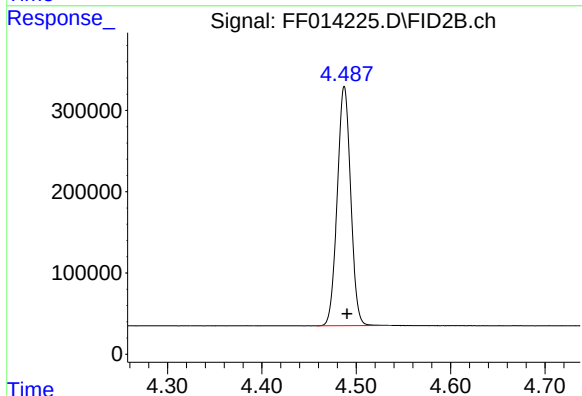




#1 n-Nonane (C9)

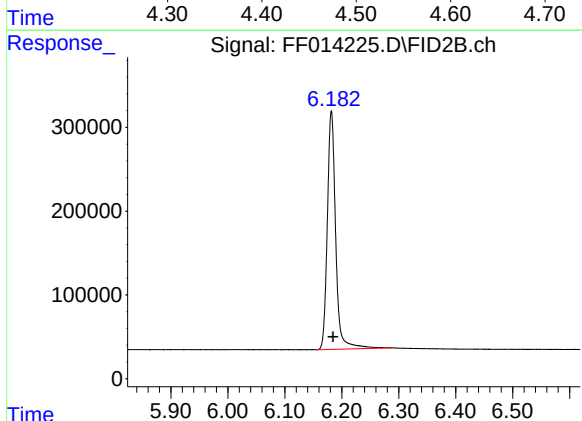
R.T.: 3.238 min
Delta R.T.: -0.003 min
Response: 2861661
Conc: 21.97 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



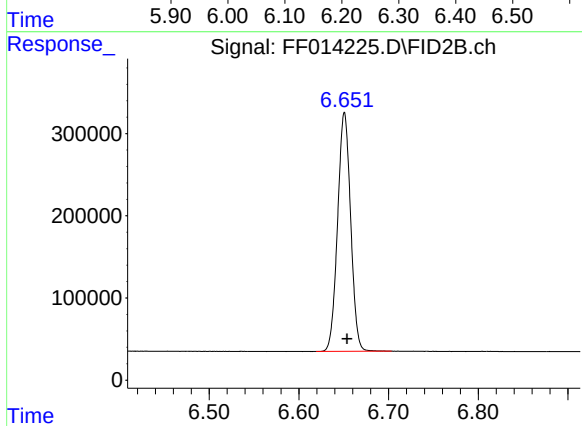
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 2913821
Conc: 21.99 ug/ml



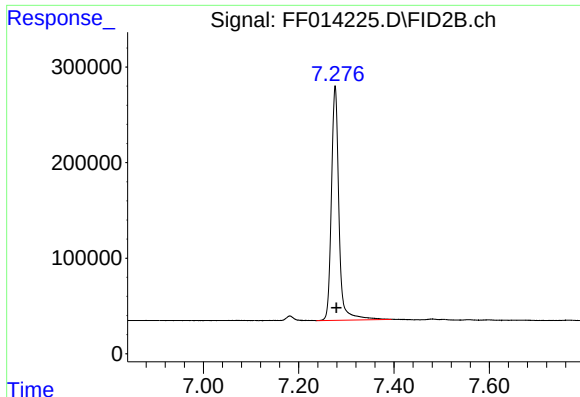
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: -0.003 min
Response: 2900252
Conc: 21.79 ug/ml



#4 n-Dodecane (C12)

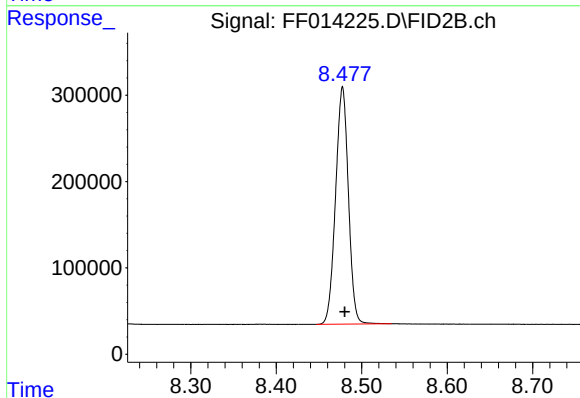
R.T.: 6.651 min
Delta R.T.: -0.003 min
Response: 2933888
Conc: 22.08 ug/ml



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

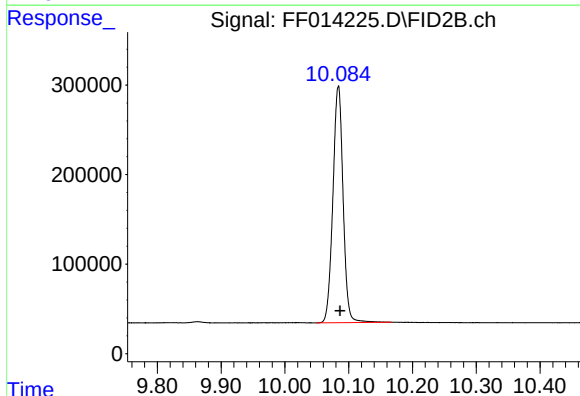
R.T.: 7.277 min
Delta R.T.: -0.003 min
Response: 2676663
Conc: 21.97 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



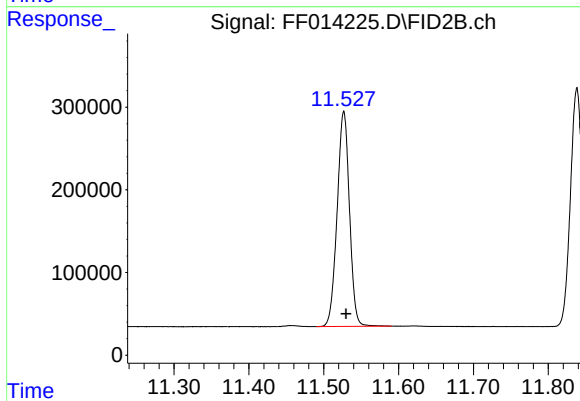
#6 n-Tetradecane (C14)

R.T.: 8.478 min
Delta R.T.: -0.002 min
Response: 2863118
Conc: 22.16 ug/ml



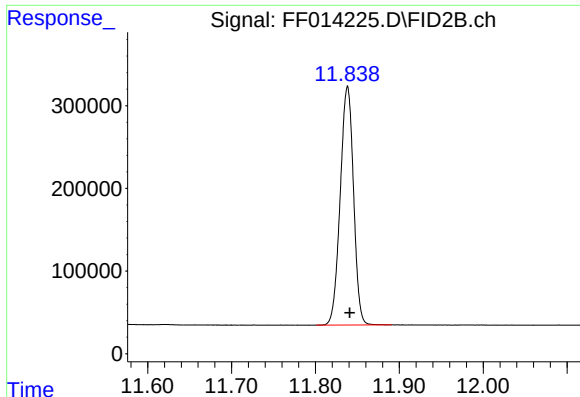
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.003 min
Response: 2940007
Conc: 22.46 ug/ml



#8 n-Octadecane (C18)

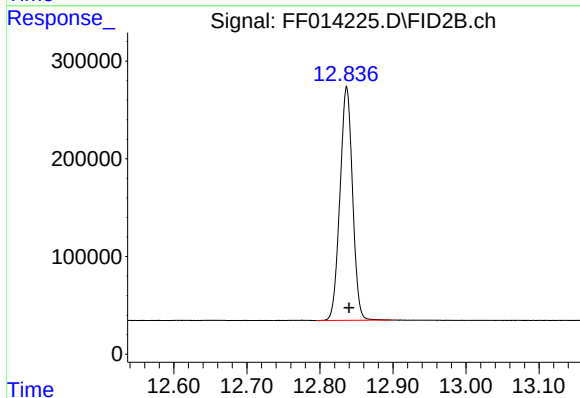
R.T.: 11.527 min
Delta R.T.: -0.003 min
Response: 2978215
Conc: 22.40 ug/ml



#9 ortho-Terphenyl (SURR)

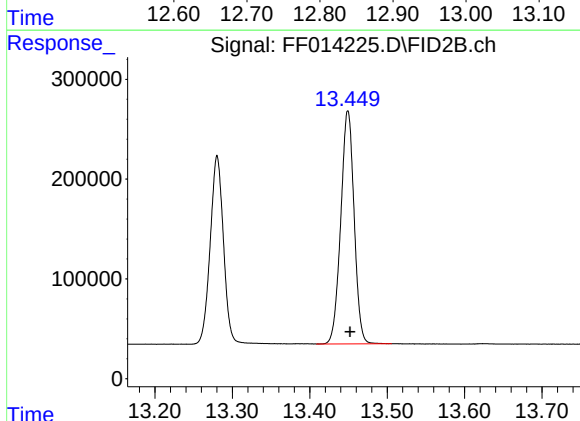
R.T.: 11.838 min
Delta R.T.: -0.003 min
Response: 3180638
Conc: 22.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



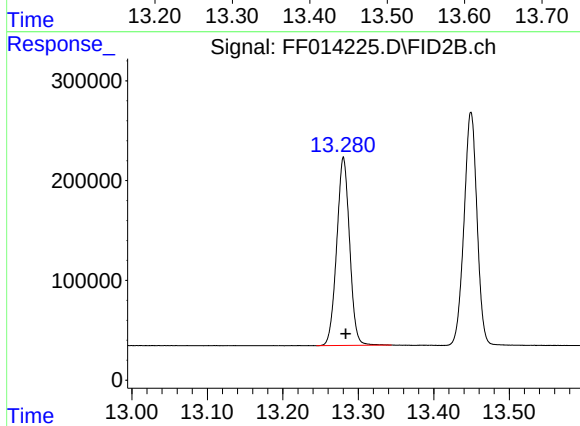
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.003 min
Response: 2856927
Conc: 22.37 ug/ml



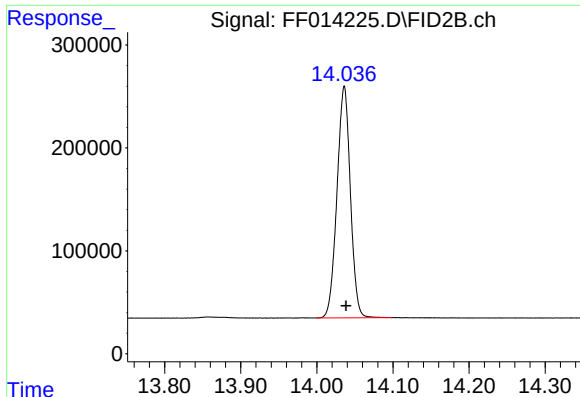
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: -0.003 min
Response: 2797813
Conc: 22.39 ug/ml



#12 1-chlorooctadecane (SURR)

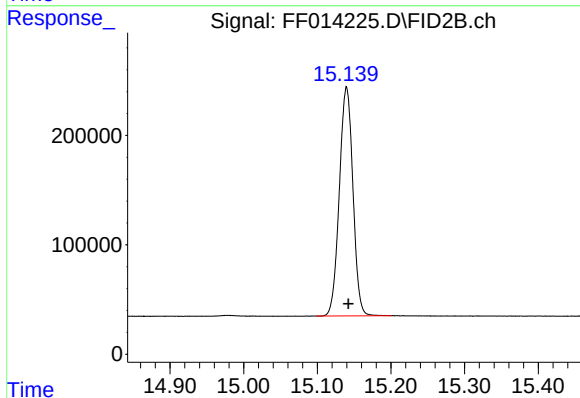
R.T.: 13.280 min
Delta R.T.: -0.003 min
Response: 2237617
Conc: 22.06 ug/ml



#13 n-Docosane (C22)

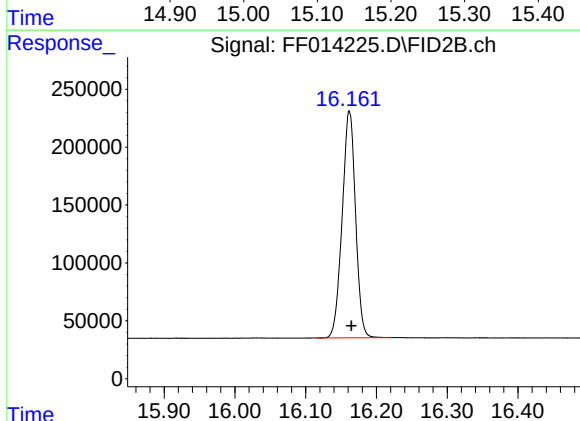
R.T.: 14.036 min
Delta R.T.: -0.002 min
Response: 2756616
Conc: 22.39 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



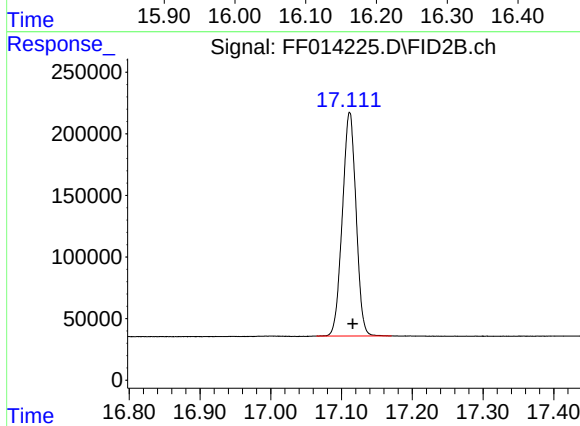
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.002 min
Response: 2680752
Conc: 22.20 ug/ml



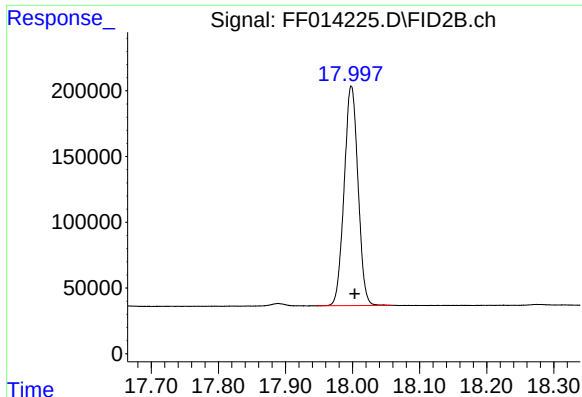
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.003 min
Response: 2571284
Conc: 22.09 ug/ml



#16 n-Octacosane (C28)

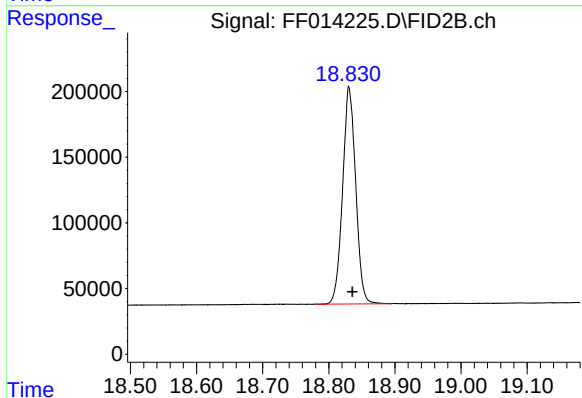
R.T.: 17.112 min
Delta R.T.: -0.004 min
Response: 2443356
Conc: 21.75 ug/ml



#17 n-Tricontane (C30)

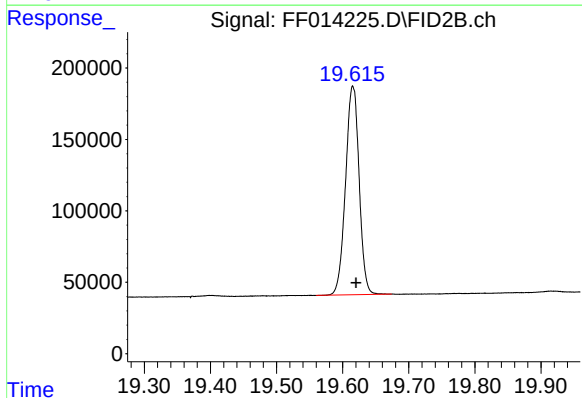
R.T.: 17.998 min
Delta R.T.: -0.005 min
Response: 2395813
Conc: 21.33 ug/ml

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20 PPM ALIPHATIC HC STD



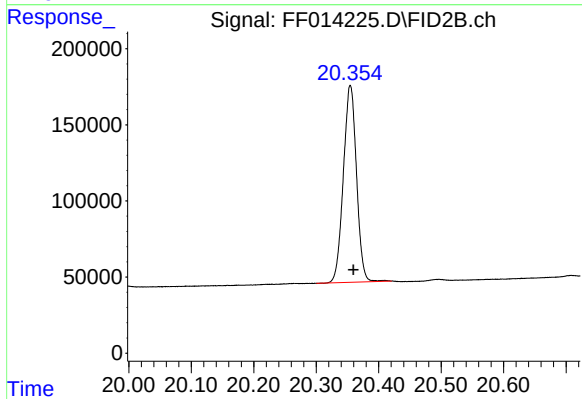
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.005 min
Response: 2268956
Conc: 20.83 ug/ml



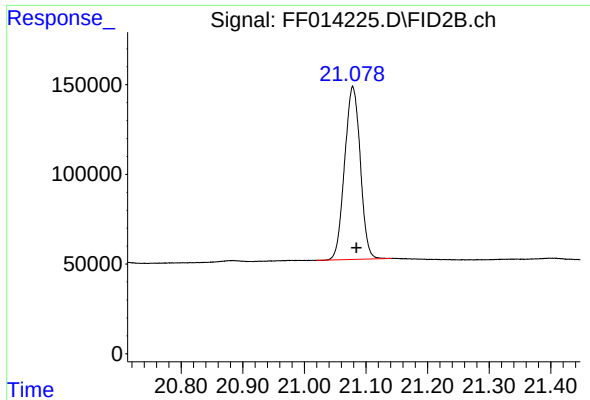
#19 n-Tetratriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.005 min
Response: 2085900
Conc: 20.02 ug/ml



#20 n-Hexatriacontane (C36)

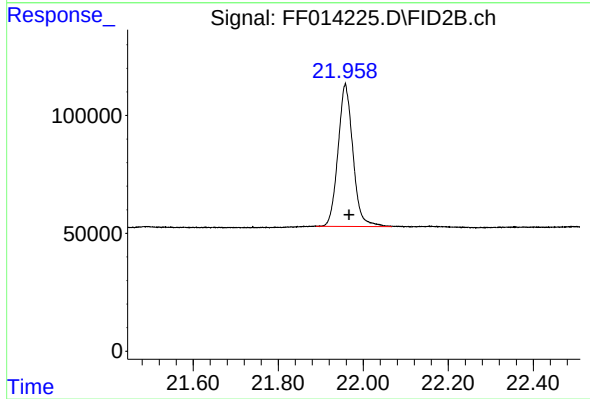
R.T.: 20.355 min
Delta R.T.: -0.005 min
Response: 1891767
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.006 min
Response: 1703134
Conc: 17.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.009 min
Response: 1468027
Conc: 15.65 ug/ml