

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041820AL\
 Data File : FD032998.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2020 1:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 19 22:19:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:10:50 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.498	2558078	17.025 ug/ml
Spiked Amount 50.000		Recovery =	34.05%
12) S 1-chlorooctadecane (S...	12.929	1999282	17.034 ug/ml
Spiked Amount 50.000		Recovery =	34.07%
Target Compounds			
1) T n-Nonane (C9)	3.307	2440862	18.255 ug/ml
2) T n-Decane (C10)	4.367	2457299	18.342 ug/ml
3) T A~Naphthalene (C11.7)	5.943	2696682	18.297 ug/ml
4) T n-Dodecane (C12)	6.373	2499276	18.433 ug/ml
5) T A~2-methylnaphthalene...	6.993	2709302	18.237 ug/ml
6) T n-Tetradecane (C14)	8.158	2518508	18.421 ug/ml
7) T n-Hexadecane (C16)	9.750	2509762	18.269 ug/ml
8) T n-Octadecane (C18)	11.185	2466557	17.811 ug/ml
10) T n-Eicosane (C20)	12.487	2401523	17.289 ug/ml
11) T n-Heneicosane (C21)	13.096	2379112	16.984 ug/ml
13) T n-Docosane (C22)	13.679	2315248	16.676 ug/ml
14) T n-Tetracosane (C24)	14.777	2250129	16.398 ug/ml
15) T n-Hexacosane (C26)	15.793	2156380	16.216 ug/ml
16) T n-Octacosane (C28)	16.738	2070334	16.402 ug/ml
17) T n-Tricontane (C30)	17.622	1919559	16.864 ug/ml
18) T n-Dotriacontane (C32)	18.449	1482929	17.653 ug/ml
19) T n-Tetratriacontane (C34)	19.229	1100716	18.149 ug/ml
20) T n-Hexatriacontane (C36)	19.966	958613	19.106 ug/ml
21) T n-Octatriacontane (C38)	20.678	912556	18.955 ug/ml
22) T n-Tetracontane (C40)	21.535	916564	18.165 ug/ml

(f)=RT Delta > 1/2 Window

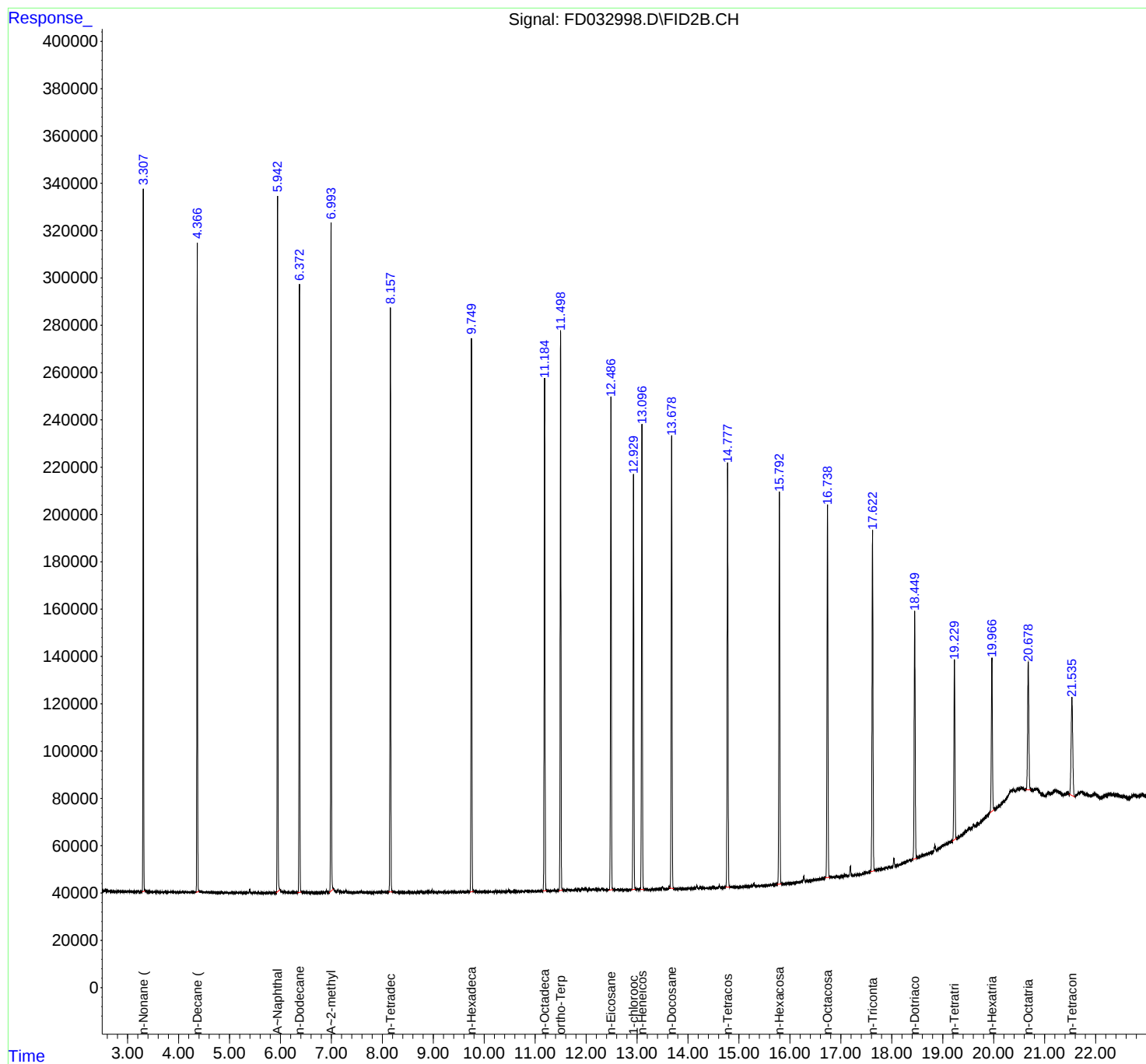
(m)=manual int.

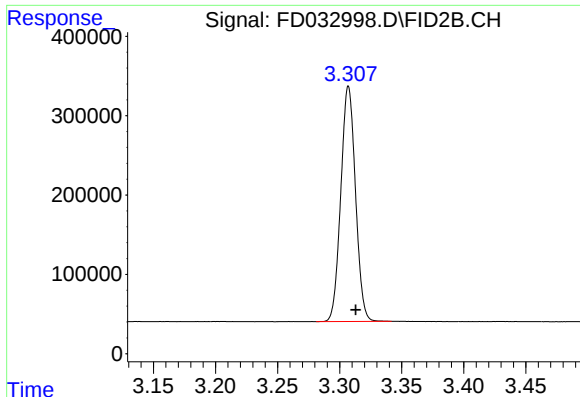
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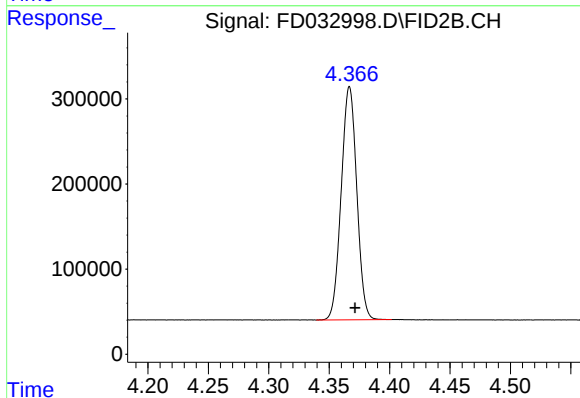




#1 n-Nonane (C9)

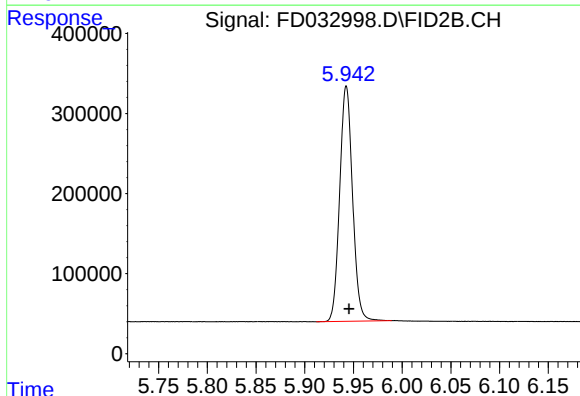
R.T.: 3.307 min
Delta R.T.: -0.006 min
Response: 2440862
Conc: 18.25 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



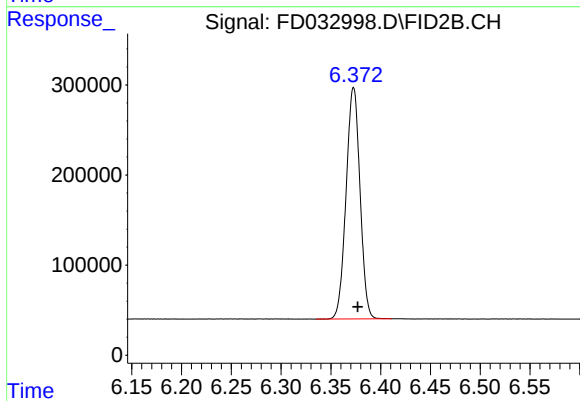
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.005 min
Response: 2457299
Conc: 18.34 ug/ml



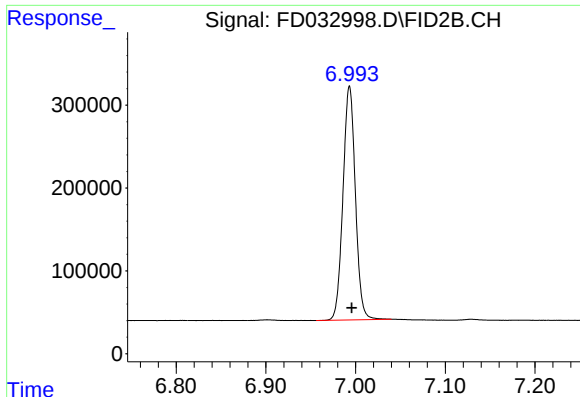
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.003 min
Response: 2696682
Conc: 18.30 ug/ml



#4 n-Dodecane (C12)

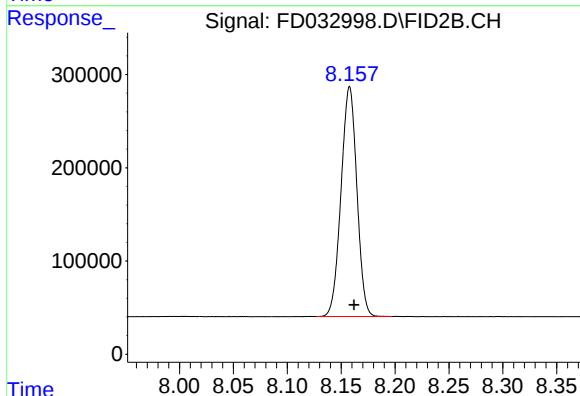
R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 2499276
Conc: 18.43 ug/ml



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

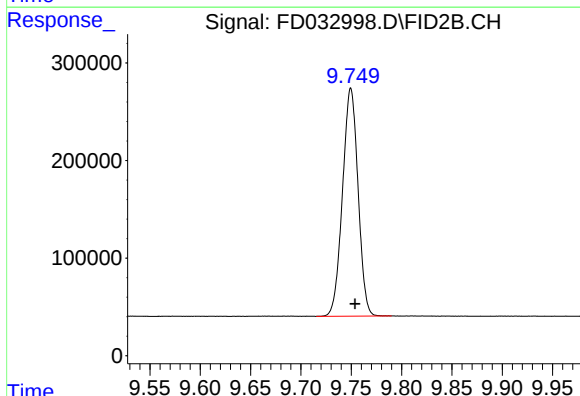
R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 2709302
Conc: 18.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



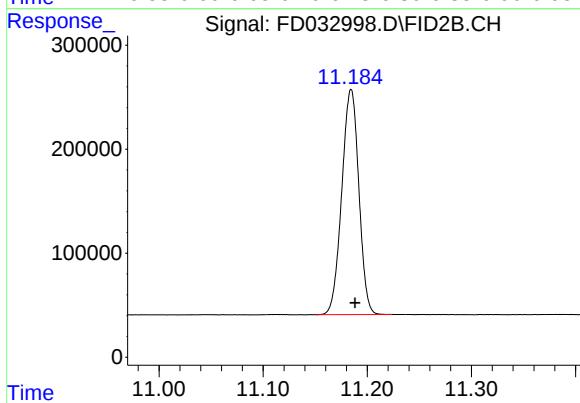
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: -0.004 min
Response: 2518508
Conc: 18.42 ug/ml



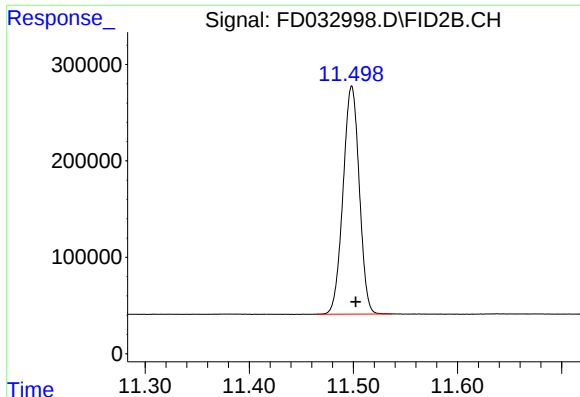
#7 n-Hexadecane (C16)

R.T.: 9.750 min
Delta R.T.: -0.004 min
Response: 2509762
Conc: 18.27 ug/ml



#8 n-Octadecane (C18)

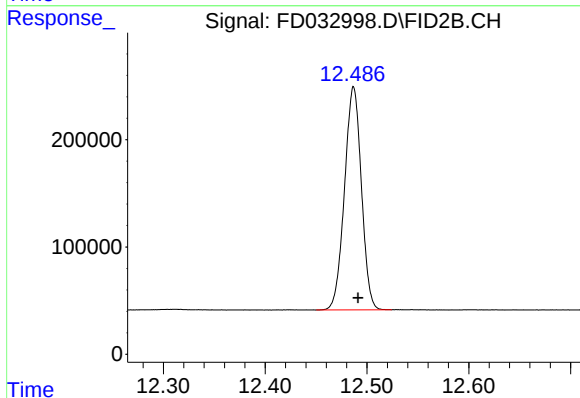
R.T.: 11.185 min
Delta R.T.: -0.004 min
Response: 2466557
Conc: 17.81 ug/ml



#9 ortho-Terphenyl (SURR)

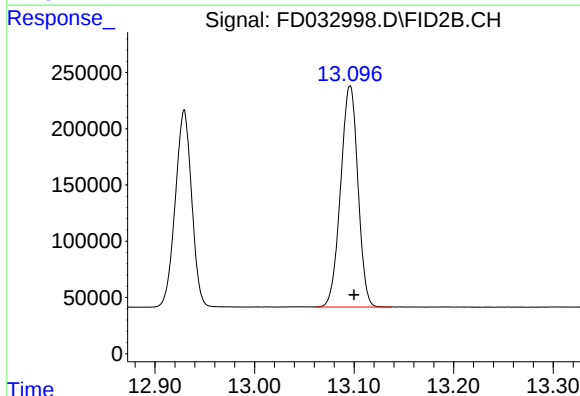
R.T.: 11.498 min
Delta R.T.: -0.004 min
Response: 2558078
Conc: 17.03 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



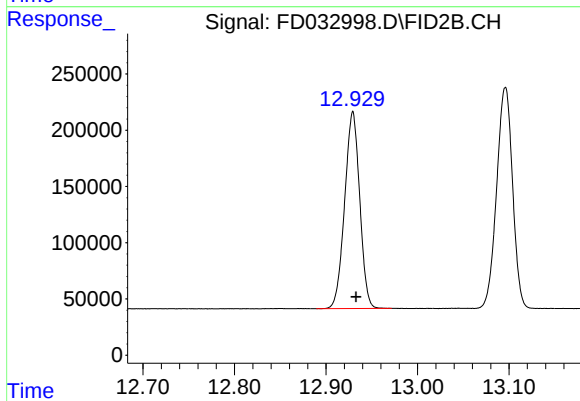
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.004 min
Response: 2401523
Conc: 17.29 ug/ml



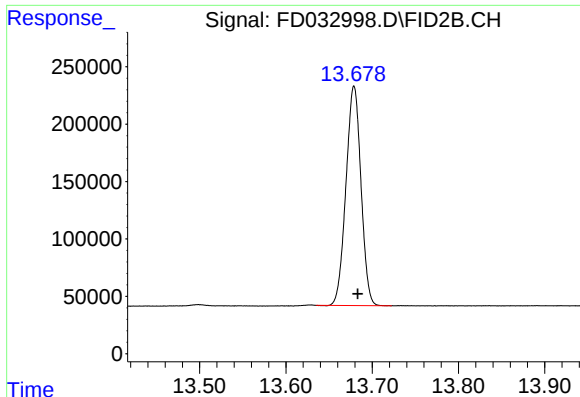
#11 n-Heneicosane (C21)

R.T.: 13.096 min
Delta R.T.: -0.004 min
Response: 2379112
Conc: 16.98 ug/ml



#12 1-chlorooctadecane (SURR)

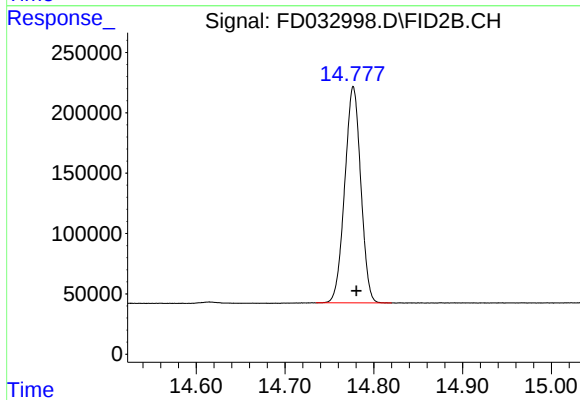
R.T.: 12.929 min
Delta R.T.: -0.004 min
Response: 1999282
Conc: 17.03 ug/ml



#13 n-Docosane (C22)

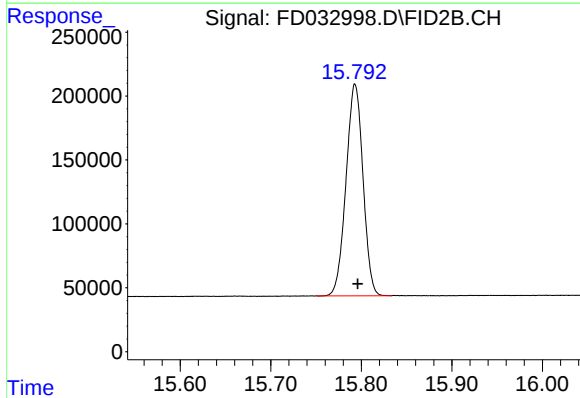
R.T.: 13.679 min
Delta R.T.: -0.004 min
Response: 2315248
Conc: 16.68 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



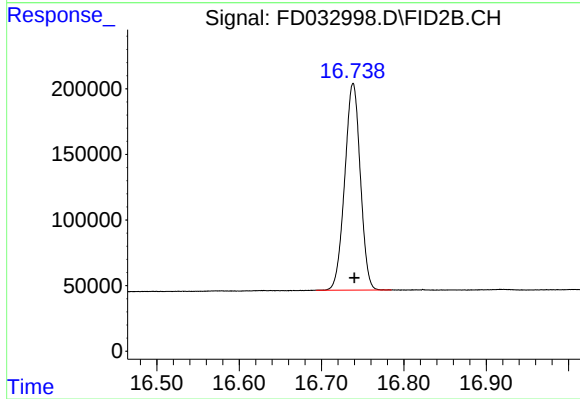
#14 n-Tetracosane (C24)

R.T.: 14.777 min
Delta R.T.: -0.003 min
Response: 2250129
Conc: 16.40 ug/ml



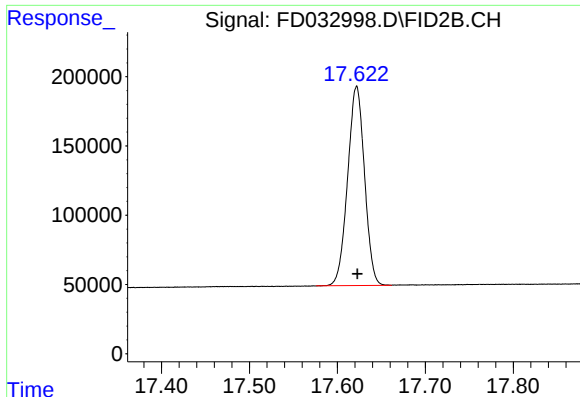
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: -0.003 min
Response: 2156380
Conc: 16.22 ug/ml



#16 n-Octacosane (C28)

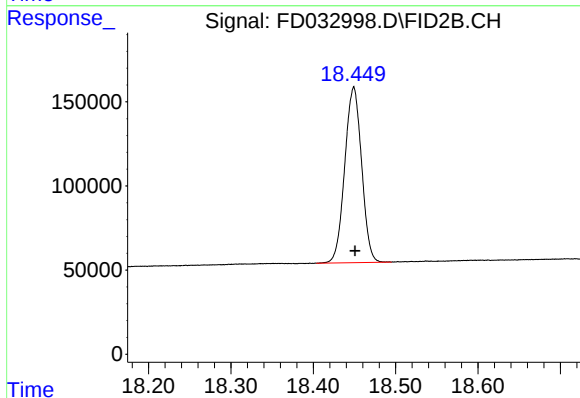
R.T.: 16.738 min
Delta R.T.: -0.002 min
Response: 2070334
Conc: 16.40 ug/ml



#17 n-Tricontane (C30)

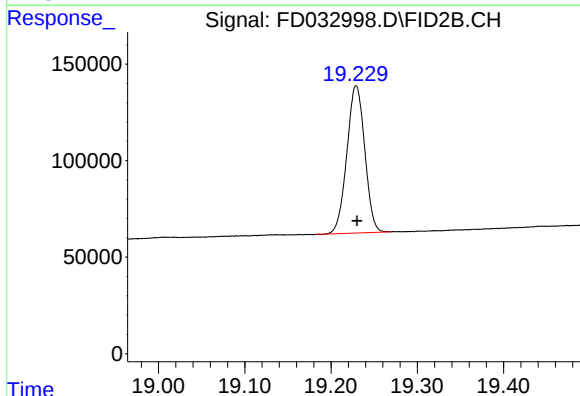
R.T.: 17.622 min
Delta R.T.: -0.001 min
Response: 1919559
Conc: 16.86 ug/ml

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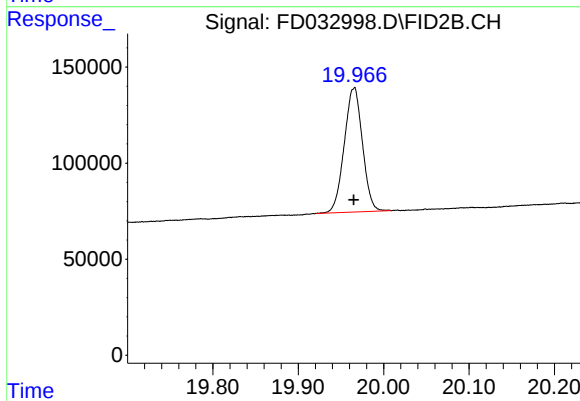
#18 n-Dotriacontane (C32)

R.T.: 18.449 min
Delta R.T.: -0.002 min
Response: 1482929
Conc: 17.65 ug/ml



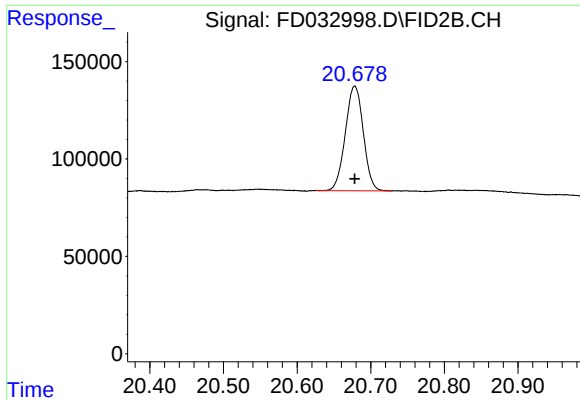
#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: -0.001 min
Response: 1100716
Conc: 18.15 ug/ml



#20 n-Hexatriacontane (C36)

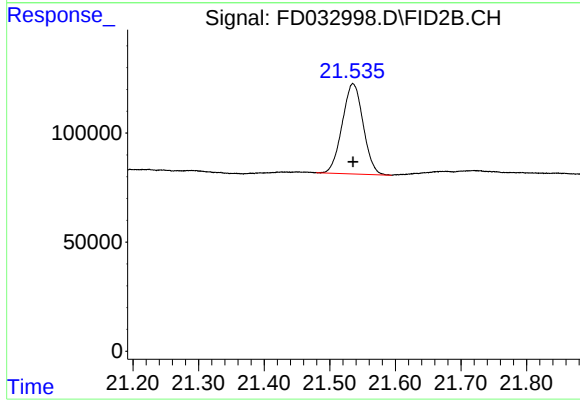
R.T.: 19.966 min
Delta R.T.: 0.000 min
Response: 958613
Conc: 19.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.678 min
Delta R.T.: 0.000 min
Response: 912556
Conc: 18.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.535 min
Delta R.T.: 0.000 min
Response: 916564
Conc: 18.16 ug/ml