

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112421AL\
 Data File : FD039650.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 21:04
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 25 01:25:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 01:36:43 2021
 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)	11.655	2578618	20.241 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
12) S 1-chlorooctadecane (S...	13.082	1891645	19.230 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.419	2319693	20.303 ug/ml
2) T n-Decane (C10)	4.486	2335388	20.306 ug/ml
3) T A~Naphthalene (C11.7)	6.078	2577065	20.252 ug/ml
4) T n-Dodecane (C12)	6.501	2344492	20.360 ug/ml
5) T A~2-methylnaphthalene...	7.132	2576424	20.233 ug/ml
6) T n-Tetradecane (C14)	8.293	2349915	20.280 ug/ml
7) T n-Hexadecane (C16)	9.891	2350873	20.219 ug/ml
8) T n-Octadecane (C18)	11.330	2421943	20.383 ug/ml
10) T n-Eicosane (C20)	12.637	2369944	20.198 ug/ml
11) T n-Heneicosane (C21)	13.247	2360699	20.069 ug/ml
13) T n-Docosane (C22)	13.832	2301228	19.839 ug/ml
14) T n-Tetracosane (C24)	14.931	2226235	19.078 ug/ml
15) T n-Hexacosane (C26)	15.948	2099150	18.944 ug/ml
16) T n-Octacosane (C28)	16.895	2000049	18.644 ug/ml
17) T n-Tricontane (C30)	17.779	1973275	18.512 ug/ml
18) T n-Dotriacontane (C32)	18.608	1929788	18.529 ug/ml
19) T n-Tetratriacontane (C34)	19.388	1921514	19.121 ug/ml
20) T n-Hexatriacontane (C36)	20.125	1842737	19.150 ug/ml
21) T n-Octatriacontane (C38)	20.862	1481633	15.787 ug/ml
22) T n-Tetracontane (C40)	21.781	806938	8.370 ug/ml

(f)=RT Delta > 1/2 Window

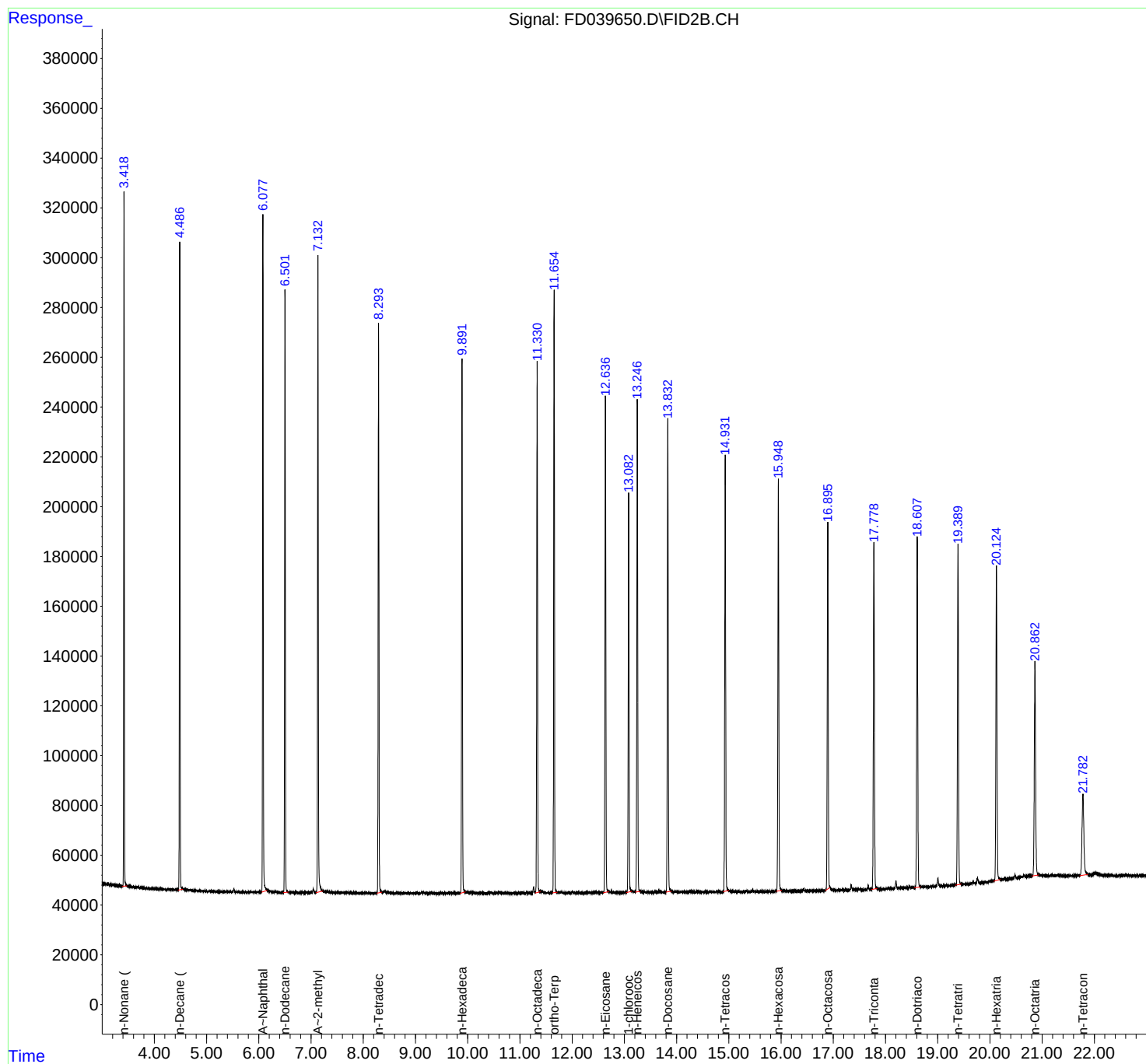
(m)=manual int.

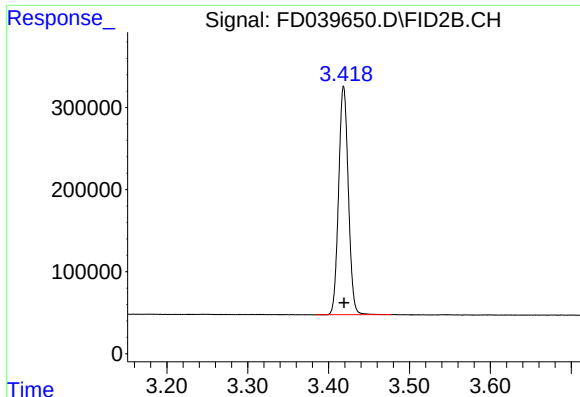
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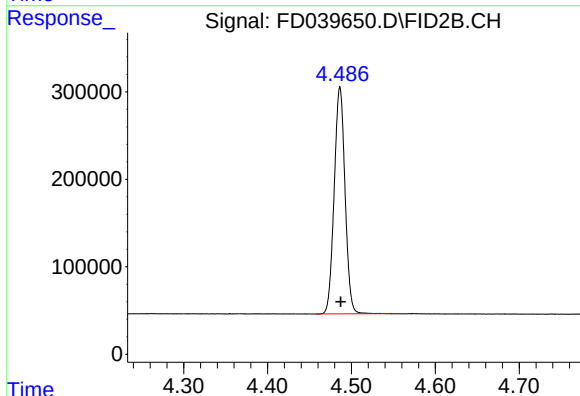




#1 n-Nonane (C9)

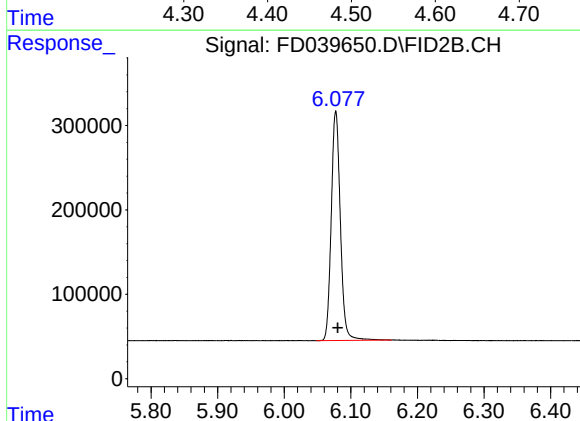
R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 2319693
Conc: 20.30 ug/ml

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20 PPM ALIPHATIC HC STD



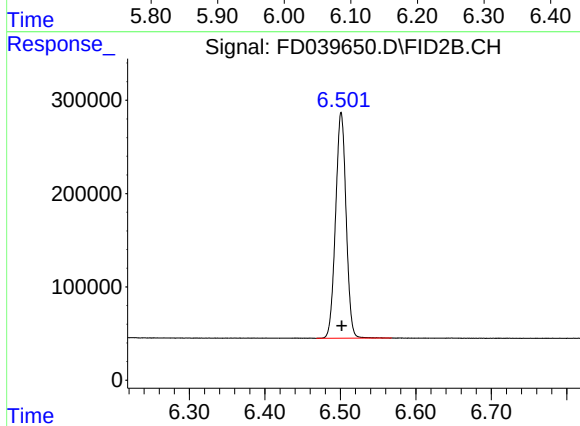
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.001 min
Response: 2335388
Conc: 20.31 ug/ml



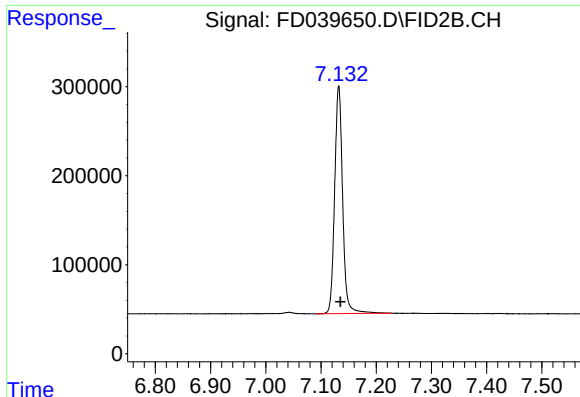
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 2577065
Conc: 20.25 ug/ml



#4 n-Dodecane (C12)

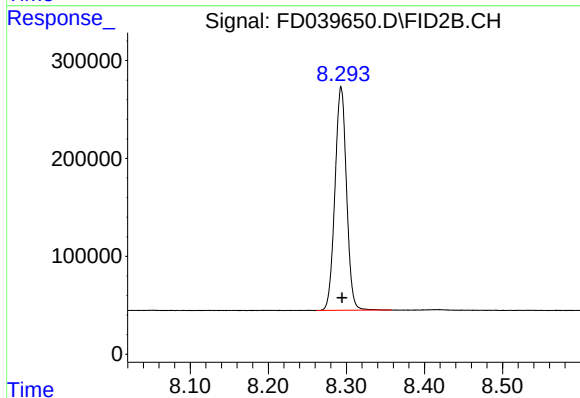
R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 2344492
Conc: 20.36 ug/ml



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

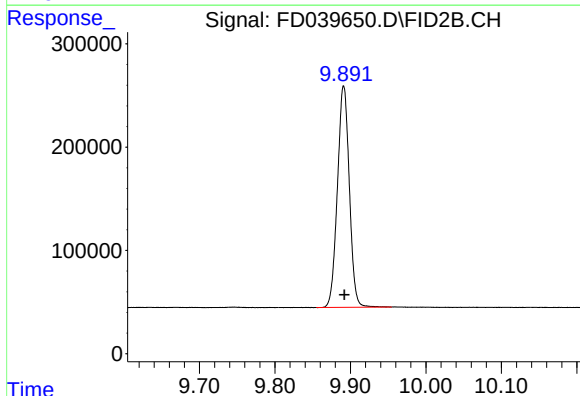
R.T.: 7.132 min
Delta R.T.: -0.003 min
Response: 2576424
Conc: 20.23 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



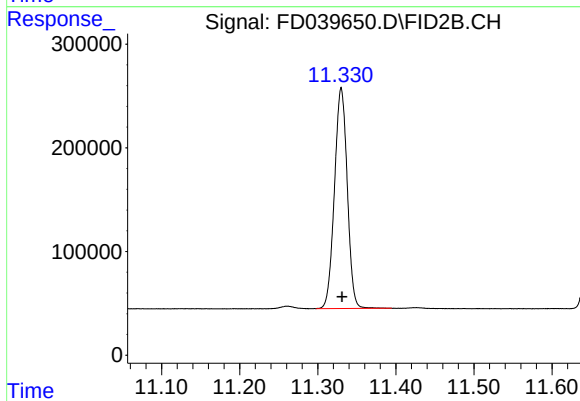
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: -0.001 min
Response: 2349915
Conc: 20.28 ug/ml



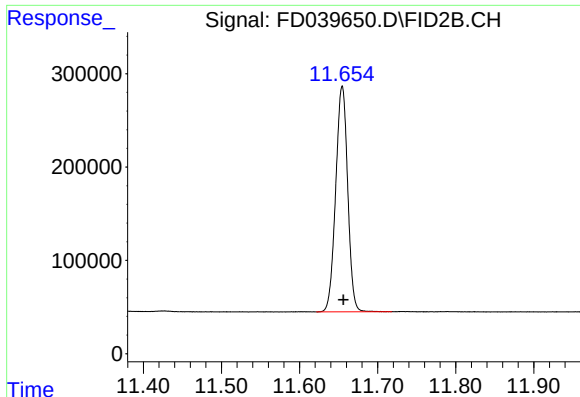
#7 n-Hexadecane (C16)

R.T.: 9.891 min
Delta R.T.: -0.001 min
Response: 2350873
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

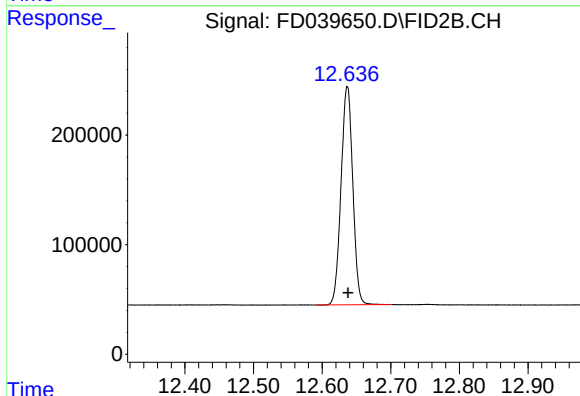
R.T.: 11.330 min
Delta R.T.: -0.001 min
Response: 2421943
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

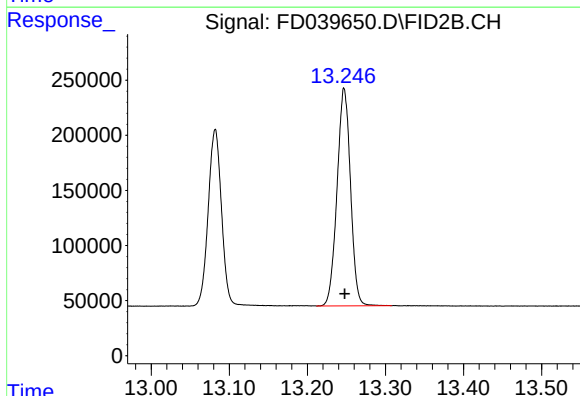
R.T.: 11.655 min
Delta R.T.: -0.001 min
Response: 2578618
Conc: 20.24 ug/ml

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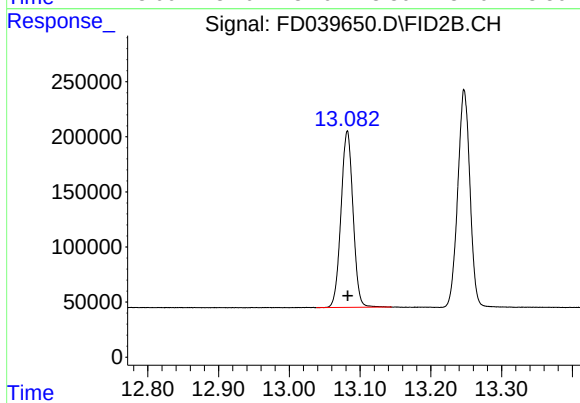
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: 0.000 min
Response: 2369944
Conc: 20.20 ug/ml



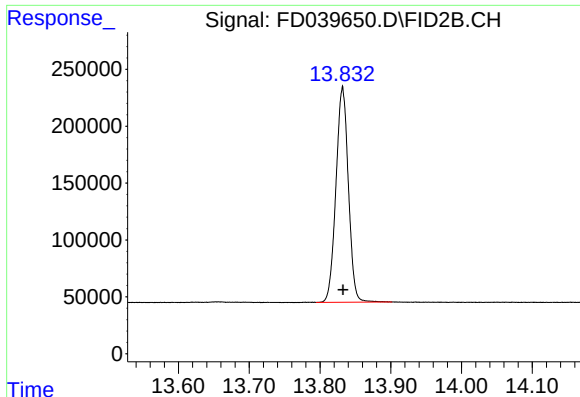
#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: 0.000 min
Response: 2360699
Conc: 20.07 ug/ml



#12 1-chlorooctadecane (SURR)

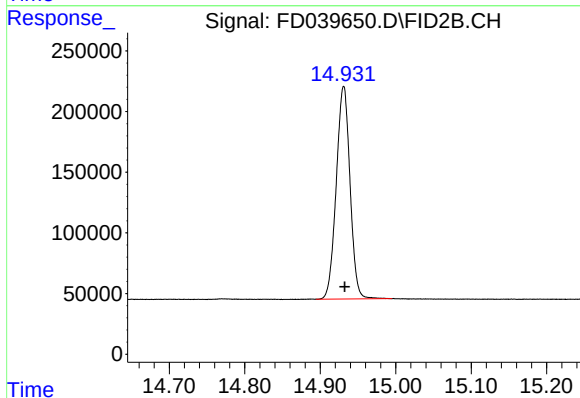
R.T.: 13.082 min
Delta R.T.: 0.000 min
Response: 1891645
Conc: 19.23 ug/ml



#13 n-Docosane (C22)

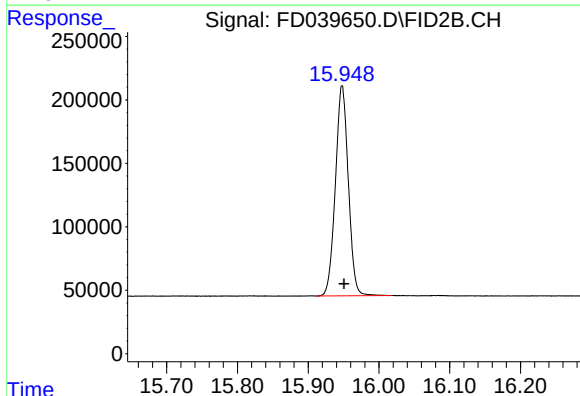
R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 2301228
Conc: 19.84 ug/ml

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20 PPM ALIPHATIC HC STD



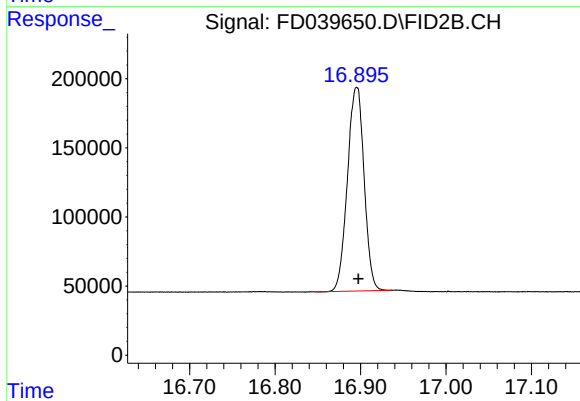
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.002 min
Response: 2226235
Conc: 19.08 ug/ml



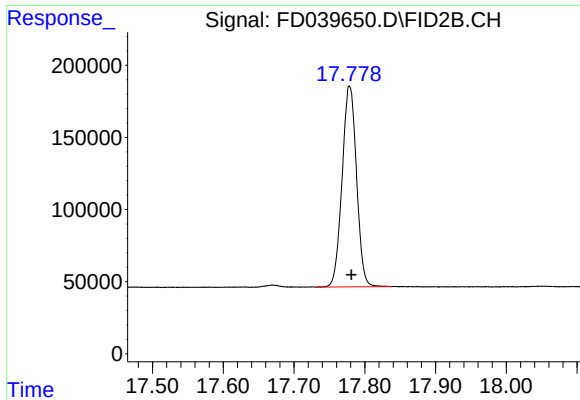
#15 n-Hexacosane (C26)

R.T.: 15.948 min
Delta R.T.: -0.003 min
Response: 2099150
Conc: 18.94 ug/ml



#16 n-Octacosane (C28)

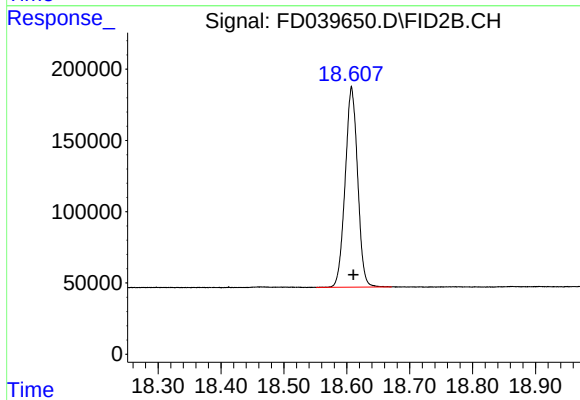
R.T.: 16.895 min
Delta R.T.: -0.002 min
Response: 2000049
Conc: 18.64 ug/ml



#17 n-Tricontane (C30)

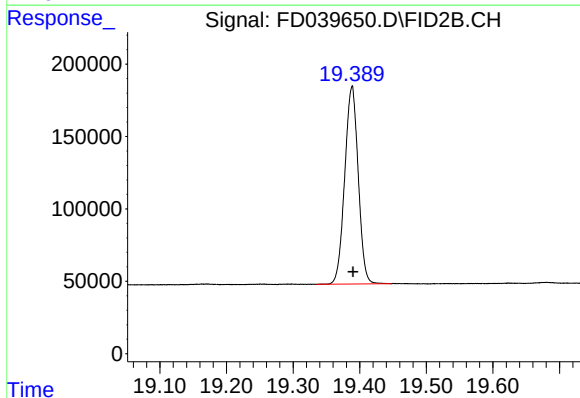
R.T.: 17.779 min
Delta R.T.: -0.002 min
Response: 1973275
Conc: 18.51 ug/ml

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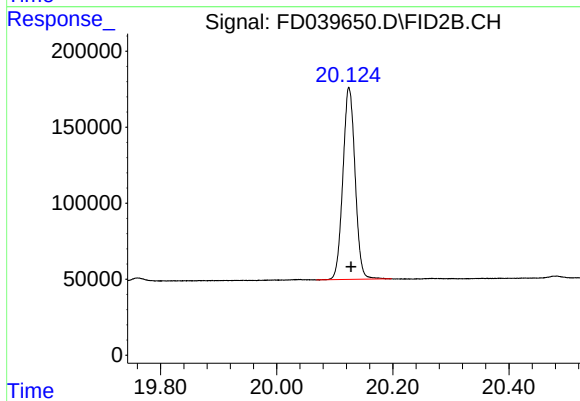
#18 n-Dotriacontane (C32)

R.T.: 18.608 min
Delta R.T.: -0.002 min
Response: 1929788
Conc: 18.53 ug/ml



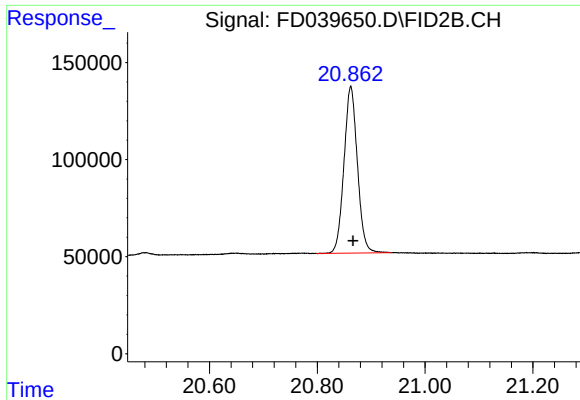
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: -0.002 min
Response: 1921514
Conc: 19.12 ug/ml



#20 n-Hexatriacontane (C36)

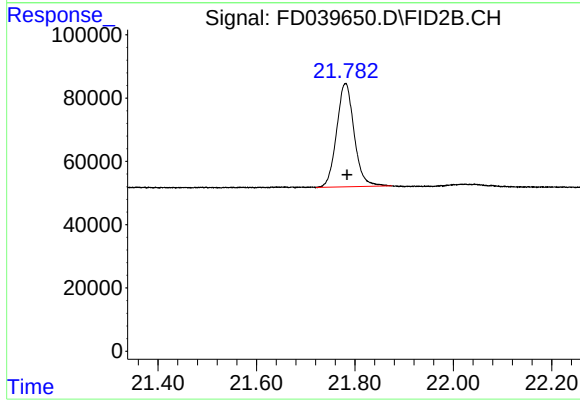
R.T.: 20.125 min
Delta R.T.: -0.003 min
Response: 1842737
Conc: 19.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.862 min
Delta R.T.: -0.004 min
Response: 1481633
Conc: 15.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.781 min
Delta R.T.: -0.003 min
Response: 806938
Conc: 8.37 ug/ml