

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041922AL\
 Data File : FD041989.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2022 11:32
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 19 19:26:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 2022
 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)	11.212	3538768	19.955 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	12.651	2711542	19.582 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
Target Compounds			
1) T n-Nonane (C9)	3.080	3223913	21.916 ug/ml
2) T n-Decane (C10)	4.125	3222893	22.071 ug/ml
3) T A~Naphthalene (C11.7)	5.676	3385728	21.675 ug/ml
4) T n-Dodecane (C12)	6.121	3367801	22.358 ug/ml
5) T A~2-methylnaphthalene...	6.722	3365221	21.634 ug/ml
6) T n-Tetradecane (C14)	7.897	3375136	22.158 ug/ml
7) T n-Hexadecane (C16)	9.484	3394277	22.013 ug/ml
8) T n-Octadecane (C18)	10.914	3384817	21.484 ug/ml
10) T n-Eicosane (C20)	12.213	3289057	20.791 ug/ml
11) T n-Heneicosane (C21)	12.821	3215288	20.079 ug/ml
13) T n-Docosane (C22)	13.403	3284727	20.452 ug/ml
14) T n-Tetracosane (C24)	14.499	3323869	20.563 ug/ml
15) T n-Hexacosane (C26)	15.514	3331720	20.628 ug/ml
16) T n-Octacosane (C28)	16.457	3469339	21.553 ug/ml
17) T n-Tricontane (C30)	17.339	3568251	22.642 ug/ml
18) T n-Dotriacontane (C32)	18.166	3382115	22.792 ug/ml
19) T n-Tetratriacontane (C34)	18.946	3037739	22.672 ug/ml
20) T n-Hexatriacontane (C36)	19.681	2616102	21.848 ug/ml
21) T n-Octatriacontane (C38)	20.378	2417635	21.844 ug/ml
22) T n-Tetracontane (C40)	21.151	2326405	21.608 ug/ml

(f)=RT Delta > 1/2 Window

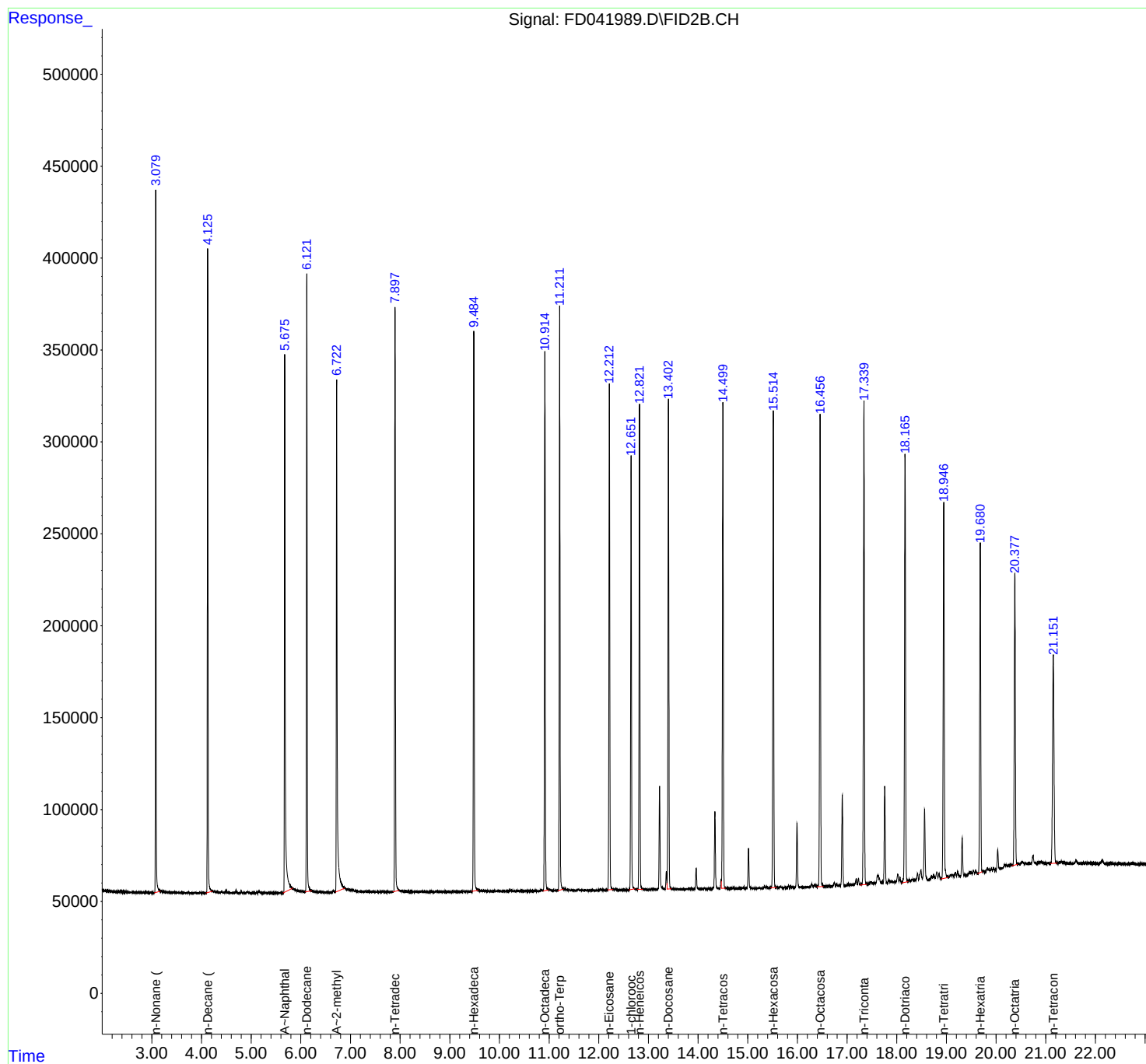
(m)=manual int.

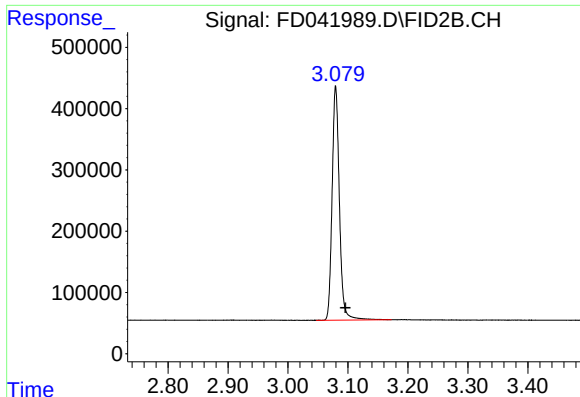
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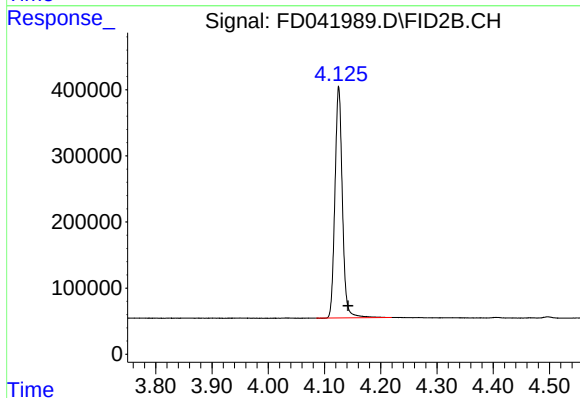




#1 n-Nonane (C9)

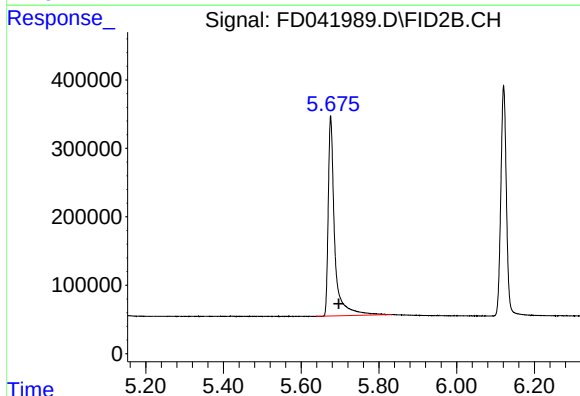
R.T.: 3.080 min
Delta R.T.: -0.016 min
Response: 3223913
Conc: 21.92 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



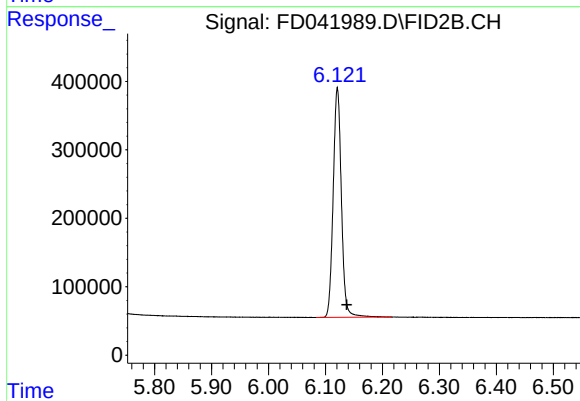
#2 n-Decane (C10)

R.T.: 4.125 min
Delta R.T.: -0.016 min
Response: 3222893
Conc: 22.07 ug/ml



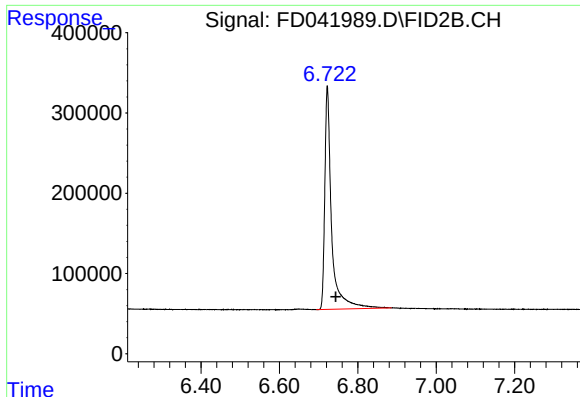
#3 A~Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.021 min
Response: 3385728
Conc: 21.68 ug/ml



#4 n-Dodecane (C12)

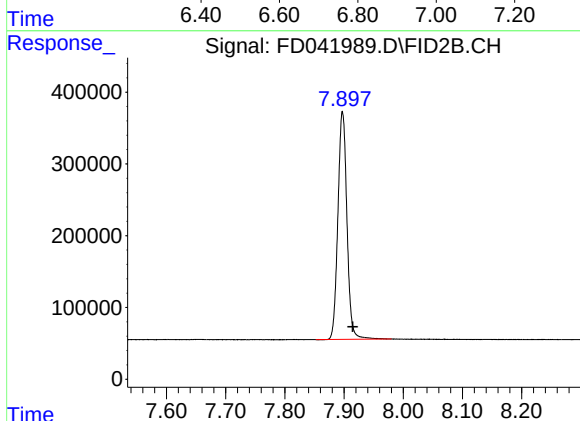
R.T.: 6.121 min
Delta R.T.: -0.016 min
Response: 3367801
Conc: 22.36 ug/ml



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

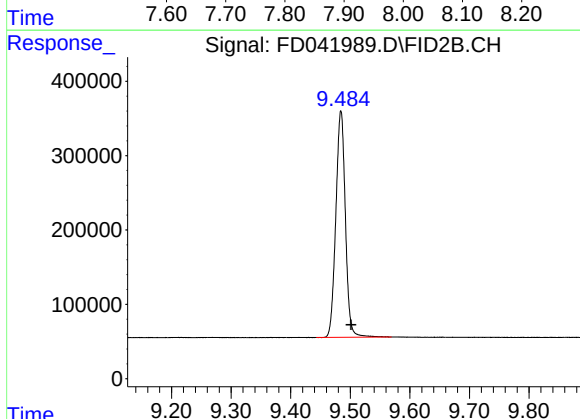
R.T.: 6.722 min
Delta R.T.: -0.021 min
Response: 3365221
Conc: 21.63 ug/ml

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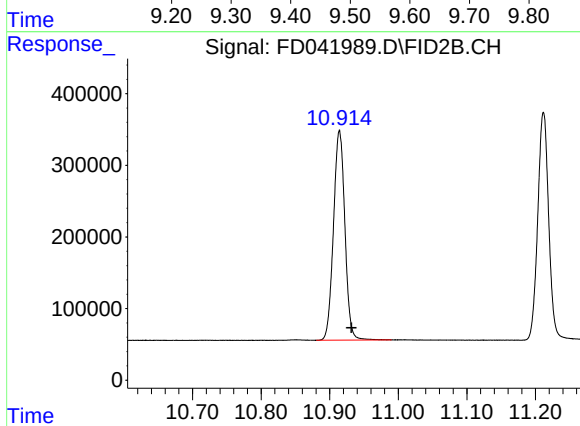
#6 n-Tetradecane (C14)

R.T.: 7.897 min
Delta R.T.: -0.017 min
Response: 3375136
Conc: 22.16 ug/ml



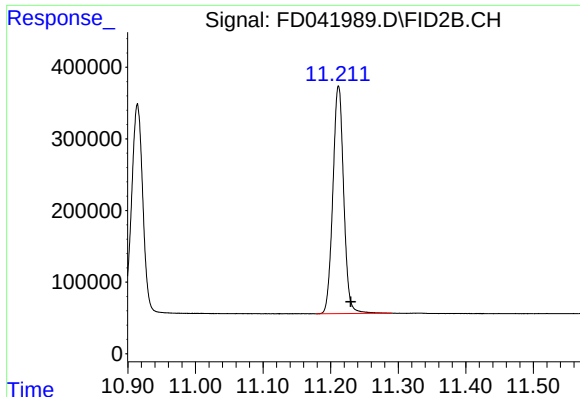
#7 n-Hexadecane (C16)

R.T.: 9.484 min
Delta R.T.: -0.017 min
Response: 3394277
Conc: 22.01 ug/ml



#8 n-Octadecane (C18)

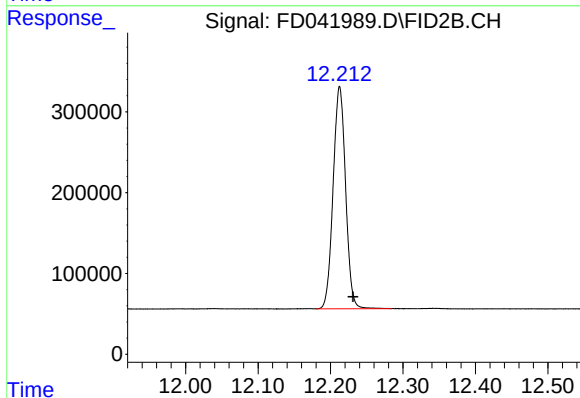
R.T.: 10.914 min
Delta R.T.: -0.018 min
Response: 3384817
Conc: 21.48 ug/ml



#9 ortho-Terphenyl (SURR)

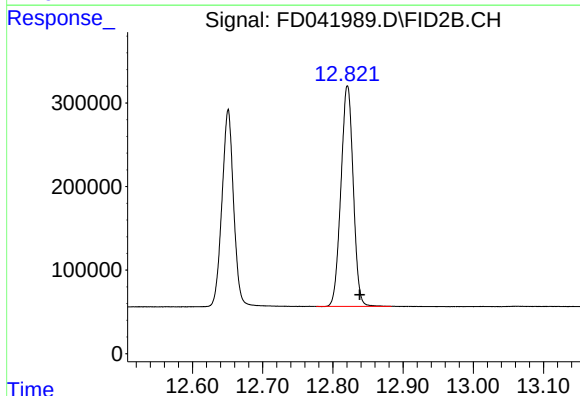
R.T.: 11.212 min
Delta R.T.: -0.018 min
Response: 3538768
Conc: 19.96 ug/ml

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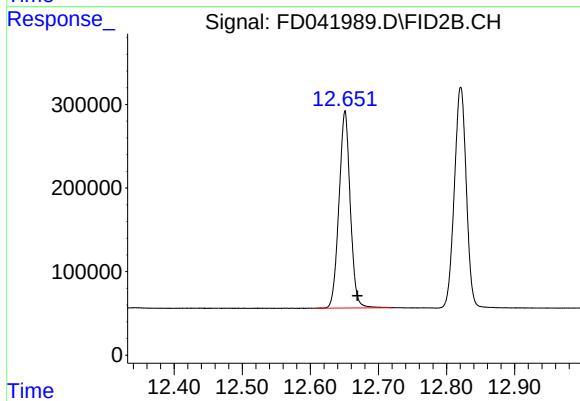
#10 n-Eicosane (C20)

R.T.: 12.213 min
Delta R.T.: -0.018 min
Response: 3289057
Conc: 20.79 ug/ml



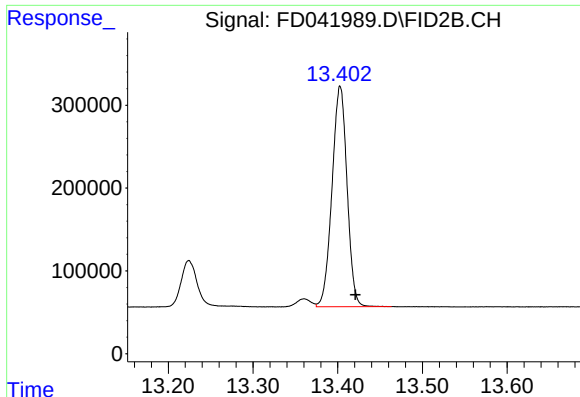
#11 n-Heneicosane (C21)

R.T.: 12.821 min
Delta R.T.: -0.017 min
Response: 3215288
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

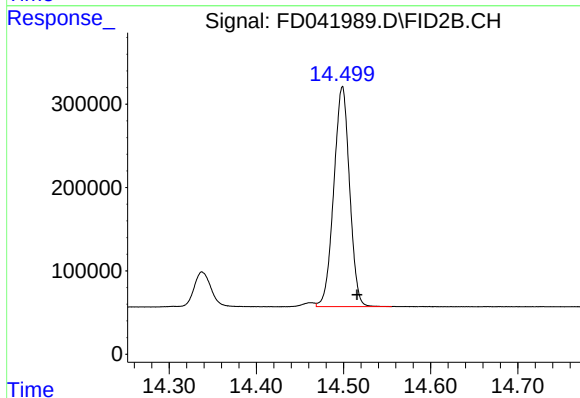
R.T.: 12.651 min
Delta R.T.: -0.018 min
Response: 2711542
Conc: 19.58 ug/ml



#13 n-Docosane (C22)

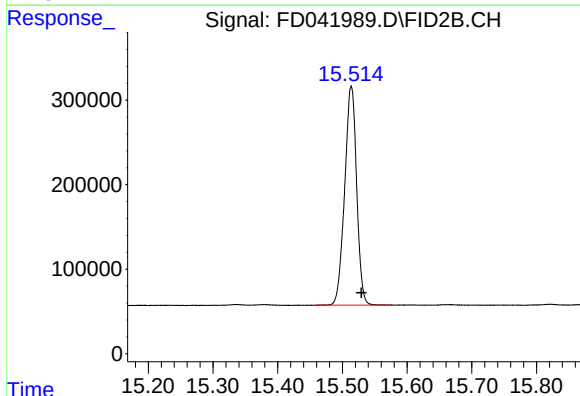
R.T.: 13.403 min
Delta R.T.: -0.018 min
Response: 3284727
Conc: 20.45 ug/ml

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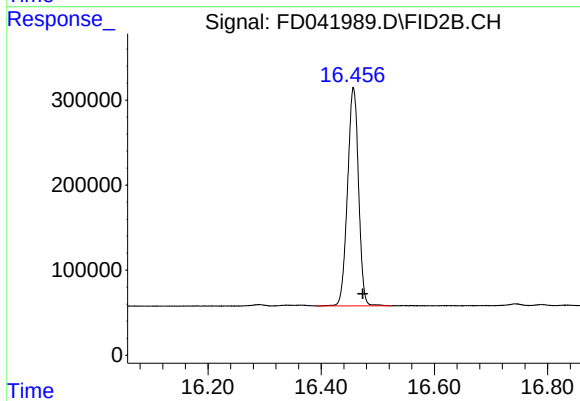
#14 n-Tetracosane (C24)

R.T.: 14.499 min
Delta R.T.: -0.017 min
Response: 3323869
Conc: 20.56 ug/ml



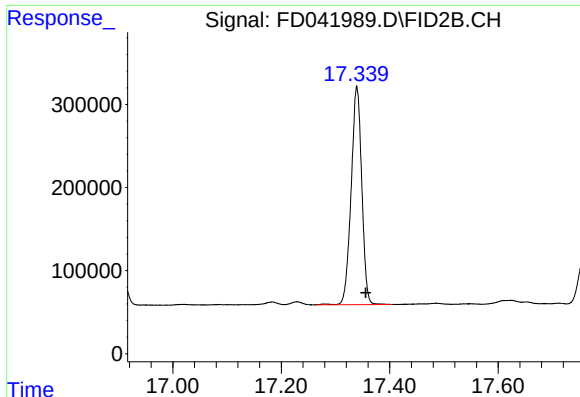
#15 n-Hexacosane (C26)

R.T.: 15.514 min
Delta R.T.: -0.016 min
Response: 3331720
Conc: 20.63 ug/ml



#16 n-Octacosane (C28)

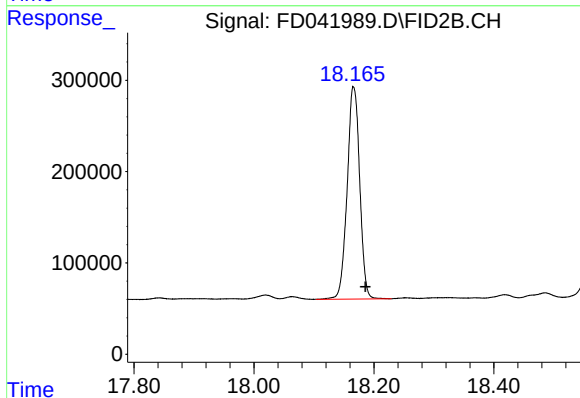
R.T.: 16.457 min
Delta R.T.: -0.017 min
Response: 3469339
Conc: 21.55 ug/ml



#17 n-Tricontane (C30)

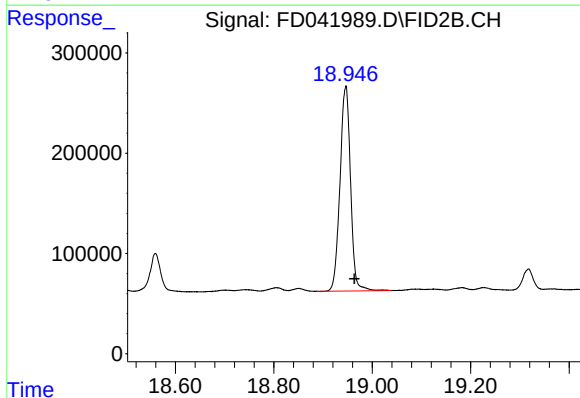
R.T.: 17.339 min
Delta R.T.: -0.016 min
Response: 3568251
Conc: 22.64 ug/ml

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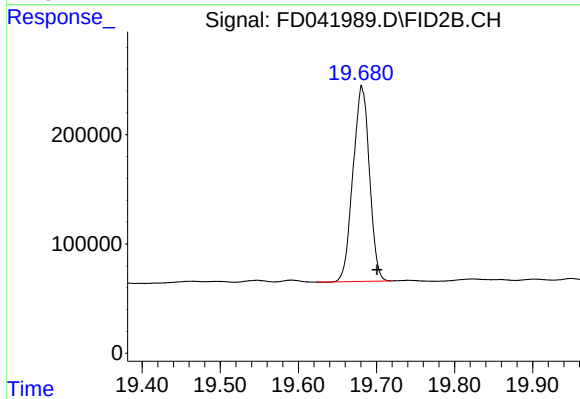
#18 n-Dotriacontane (C32)

R.T.: 18.166 min
Delta R.T.: -0.019 min
Response: 3382115
Conc: 22.79 ug/ml



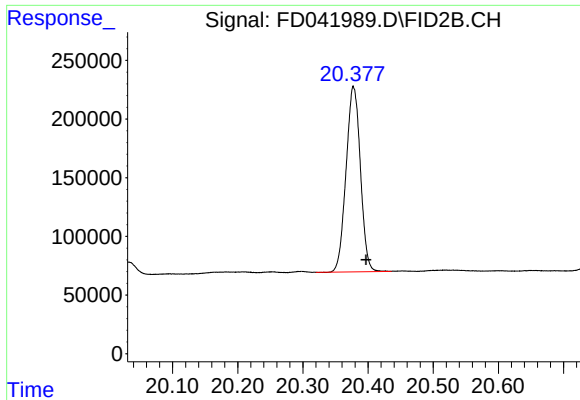
#19 n-Tetratriacontane (C34)

R.T.: 18.946 min
Delta R.T.: -0.018 min
Response: 3037739
Conc: 22.67 ug/ml



#20 n-Hexatriacontane (C36)

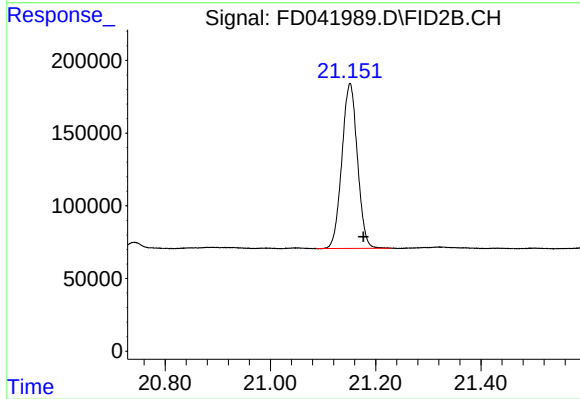
R.T.: 19.681 min
Delta R.T.: -0.019 min
Response: 2616102
Conc: 21.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.378 min
Delta R.T.: -0.019 min
Response: 2417635
Conc: 21.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.151 min
Delta R.T.: -0.026 min
Response: 2326405
Conc: 21.61 ug/ml