

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031022AL\
 Data File : FD041483.D
 Signal(s) : FID2B.CH
 Acq On : 10 Mar 2022 14:25
 Operator : UA/NP
 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: Mar 11 02:30:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.241	3375090	19.457 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	12.680	2612801	19.299 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T n-Nonane (C9)	3.103	3021117	20.747 ug/ml
2) T n-Decane (C10)	4.150	3010566	20.850 ug/ml
3) T A~Naphthalene (C11.7)	5.701	3313265	20.741 ug/ml
4) T n-Dodecane (C12)	6.147	3108456	20.988 ug/ml
5) T A~2-methylnaphthalene...	6.747	3349784	20.932 ug/ml
6) T n-Tetradecane (C14)	7.925	3135828	20.946 ug/ml
7) T n-Hexadecane (C16)	9.512	3148550	20.682 ug/ml
8) T n-Octadecane (C18)	10.943	3147791	20.252 ug/ml
10) T n-Eicosane (C20)	12.243	3065673	19.747 ug/ml
11) T n-Heneicosane (C21)	12.851	3044237	19.441 ug/ml
13) T n-Docosane (C22)	13.433	2994975	19.124 ug/ml
14) T n-Tetracosane (C24)	14.529	2903232	18.509 ug/ml
15) T n-Hexacosane (C26)	15.544	2766772	18.008 ug/ml
16) T n-Octacosane (C28)	16.489	2672447	17.957 ug/ml
17) T n-Tricontane (C30)	17.371	2592798	18.427 ug/ml
18) T n-Dotriacontane (C32)	18.199	2458438	19.323 ug/ml
19) T n-Tetratriacontane (C34)	18.978	2313816	20.315 ug/ml
20) T n-Hexatriacontane (C36)	19.713	2182270	21.292 ug/ml
21) T n-Octatriacontane (C38)	20.412	2114549	22.272 ug/ml
22) T n-Tetracontane (C40)	21.194	2132924	22.506 ug/ml

(f)=RT Delta > 1/2 Window

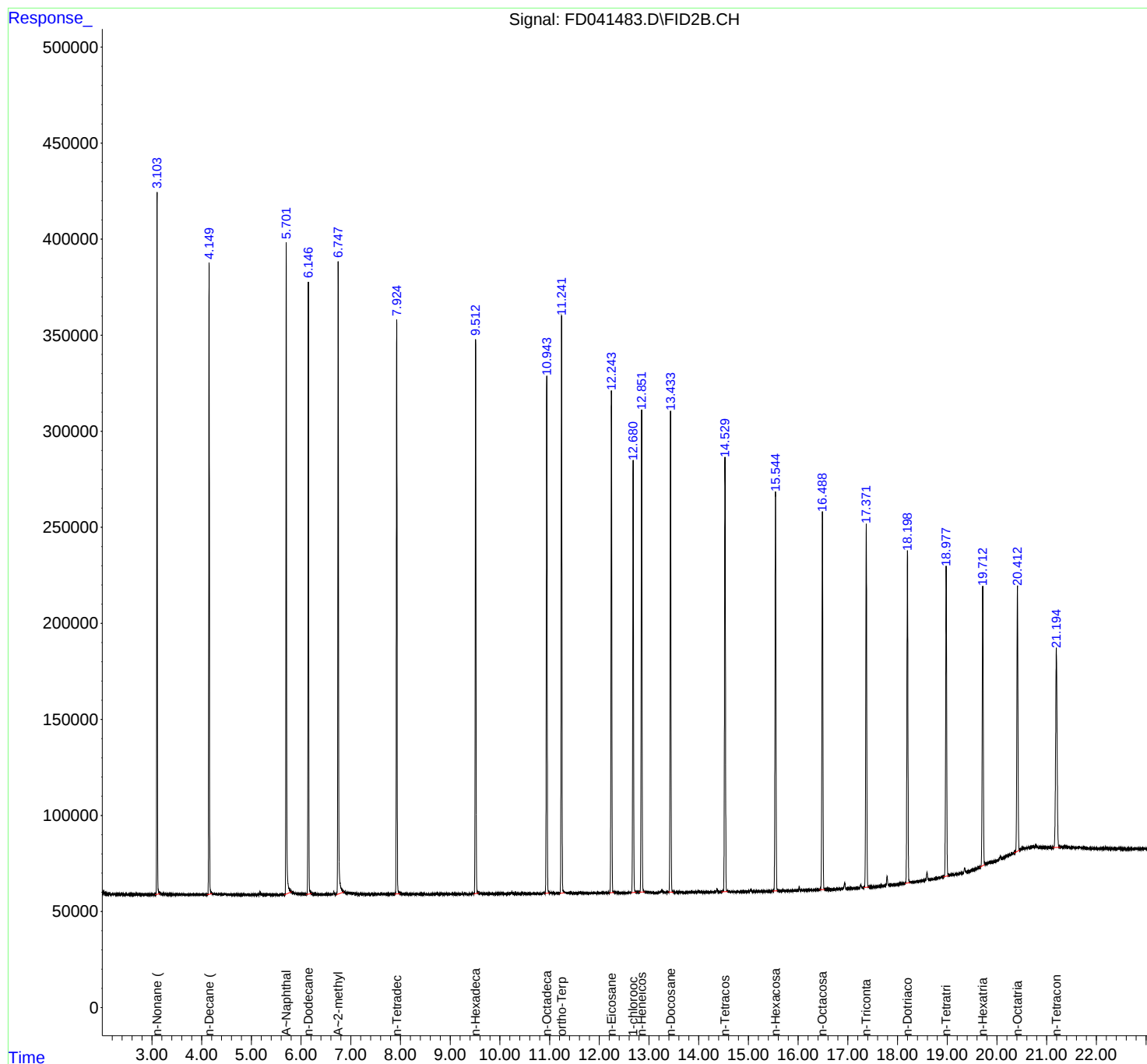
(m)=manual int.

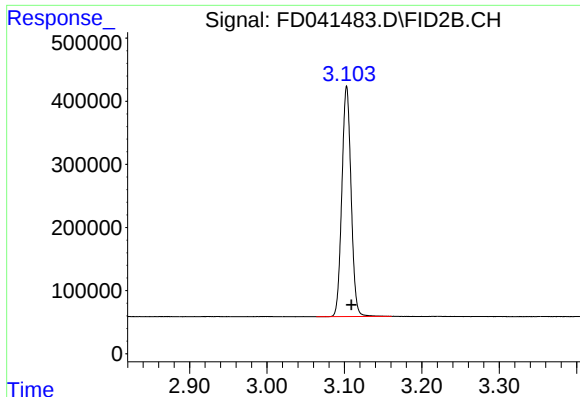
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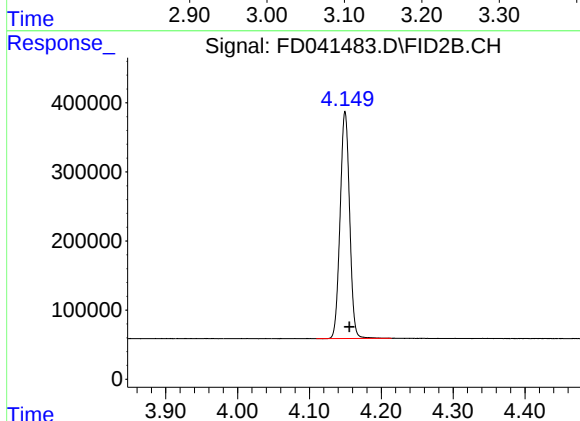




#1 n-Nonane (C9)

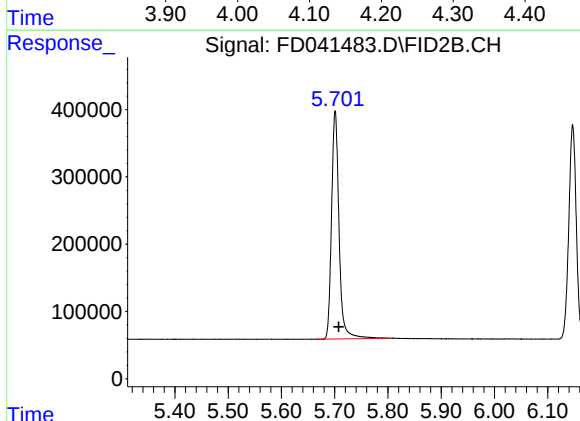
R.T.: 3.103 min
Delta R.T.: -0.006 min
Response: 3021117
Conc: 20.75 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



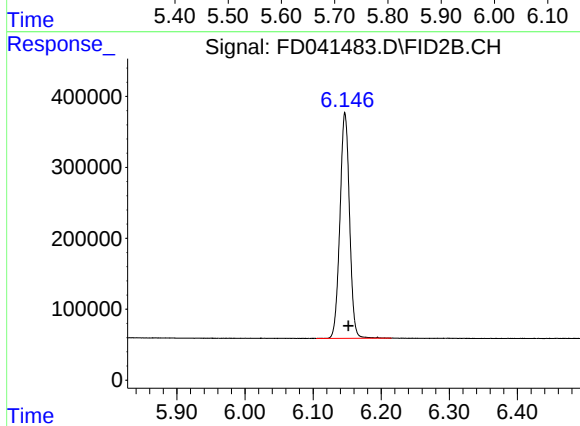
#2 n-Decane (C10)

R.T.: 4.150 min
Delta R.T.: -0.006 min
Response: 3010566
Conc: 20.85 ug/ml



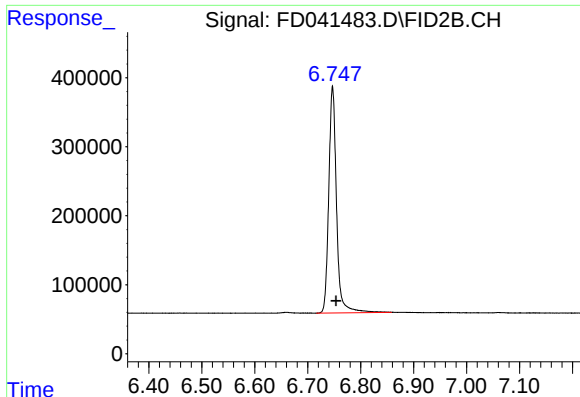
#3 A~Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: -0.007 min
Response: 3313265
Conc: 20.74 ug/ml



#4 n-Dodecane (C12)

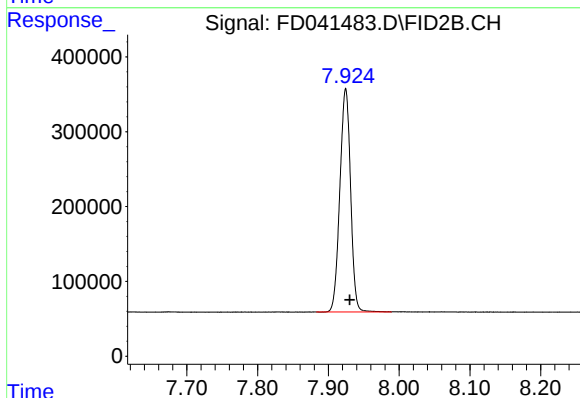
R.T.: 6.147 min
Delta R.T.: -0.005 min
Response: 3108456
Conc: 20.99 ug/ml



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

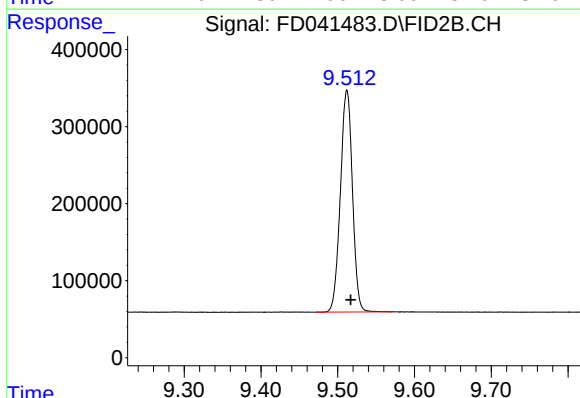
R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 3349784
Conc: 20.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



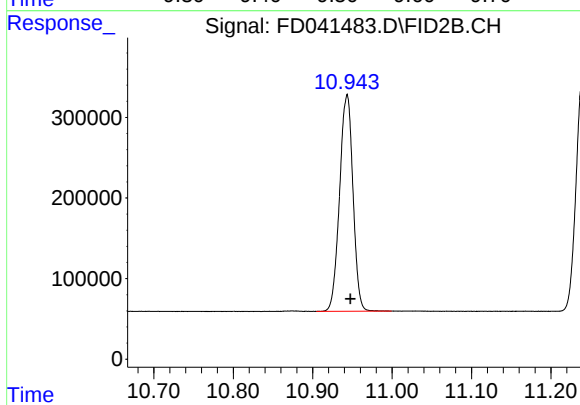
#6 n-Tetradecane (C14)

R.T.: 7.925 min
Delta R.T.: -0.006 min
Response: 3135828
Conc: 20.95 ug/ml



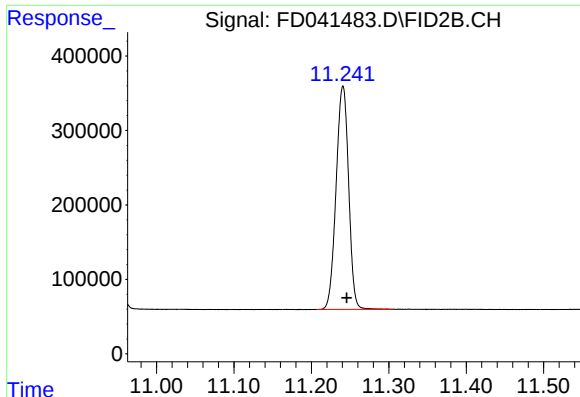
#7 n-Hexadecane (C16)

R.T.: 9.512 min
Delta R.T.: -0.005 min
Response: 3148550
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

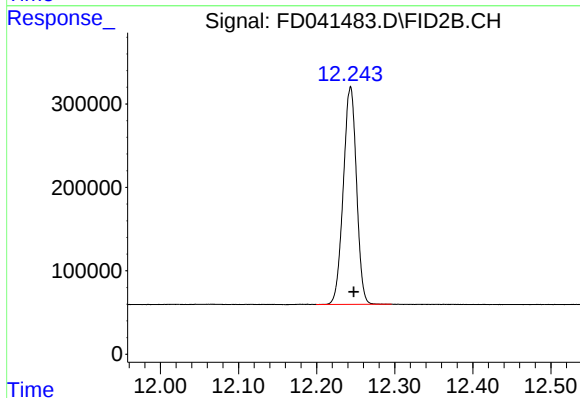
R.T.: 10.943 min
Delta R.T.: -0.004 min
Response: 3147791
Conc: 20.25 ug/ml



#9 ortho-Terphenyl (SURR)

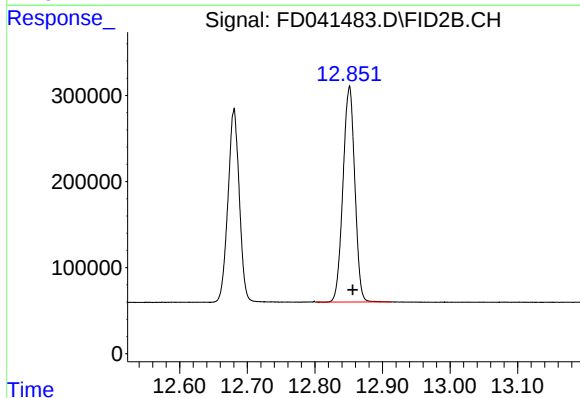
R.T.: 11.241 min
Delta R.T.: -0.005 min
Response: 3375090
Conc: 19.46 ug/ml

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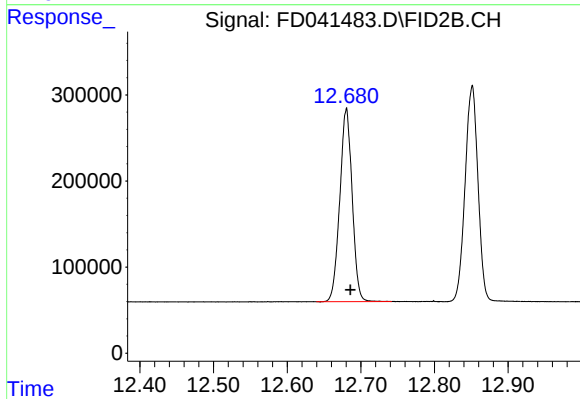
#10 n-Eicosane (C20)

R.T.: 12.243 min
Delta R.T.: -0.004 min
Response: 3065673
Conc: 19.75 ug/ml



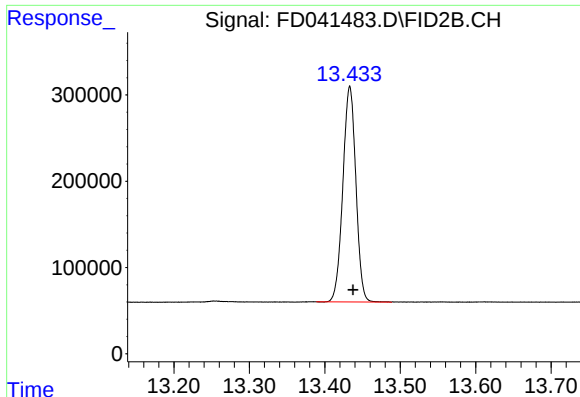
#11 n-Heneicosane (C21)

R.T.: 12.851 min
Delta R.T.: -0.005 min
Response: 3044237
Conc: 19.44 ug/ml



#12 1-chlorooctadecane (SURR)

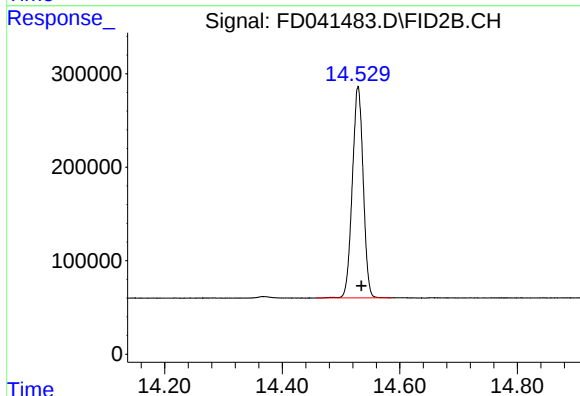
R.T.: 12.680 min
Delta R.T.: -0.006 min
Response: 2612801
Conc: 19.30 ug/ml



#13 n-Docosane (C22)

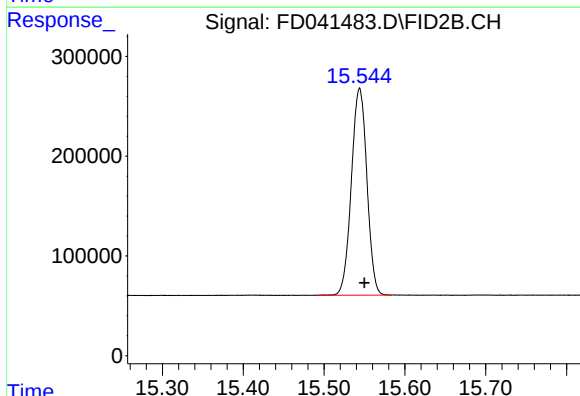
R.T.: 13.433 min
Delta R.T.: -0.005 min
Response: 2994975
Conc: 19.12 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



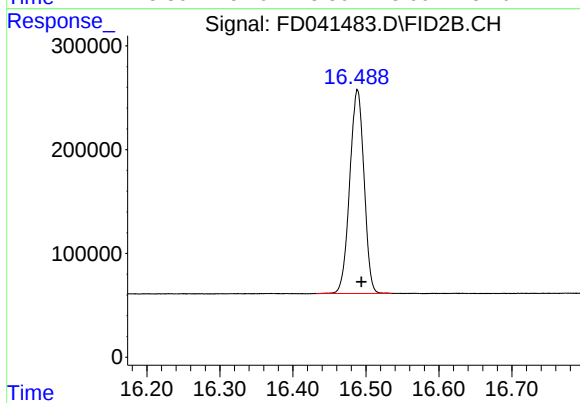
#14 n-Tetracosane (C24)

R.T.: 14.529 min
Delta R.T.: -0.006 min
Response: 2903232
Conc: 18.51 ug/ml



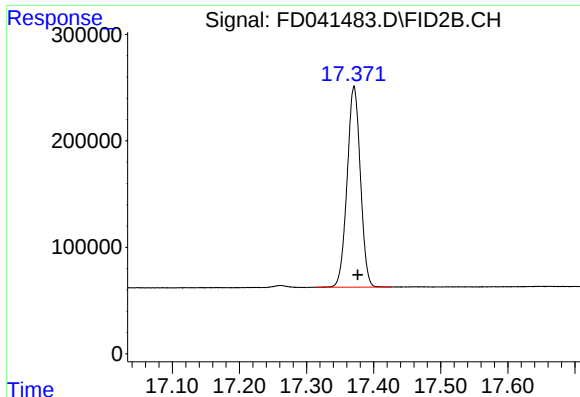
#15 n-Hexacosane (C26)

R.T.: 15.544 min
Delta R.T.: -0.006 min
Response: 2766772
Conc: 18.01 ug/ml



#16 n-Octacosane (C28)

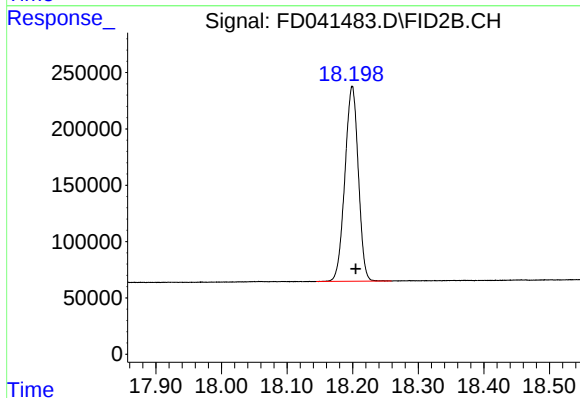
R.T.: 16.489 min
Delta R.T.: -0.006 min
Response: 2672447
Conc: 17.96 ug/ml



#17 n-Tricontane (C30)

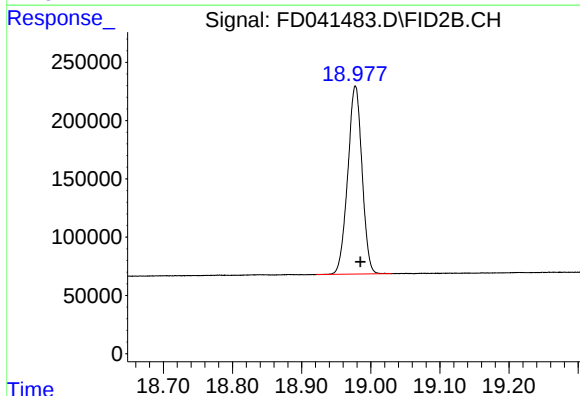
R.T.: 17.371 min
Delta R.T.: -0.006 min
Response: 2592798
Conc: 18.43 ug/ml

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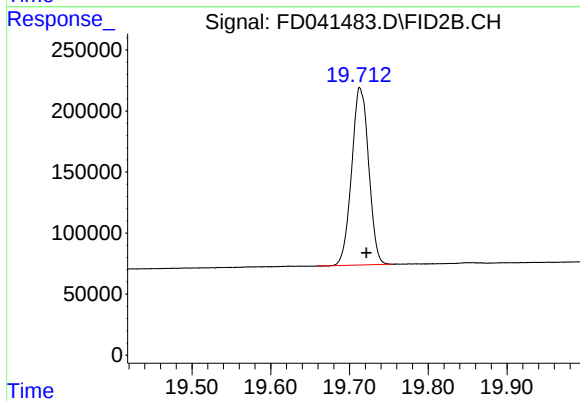
#18 n-Dotriacontane (C32)

R.T.: 18.199 min
Delta R.T.: -0.005 min
Response: 2458438
Conc: 19.32 ug/ml



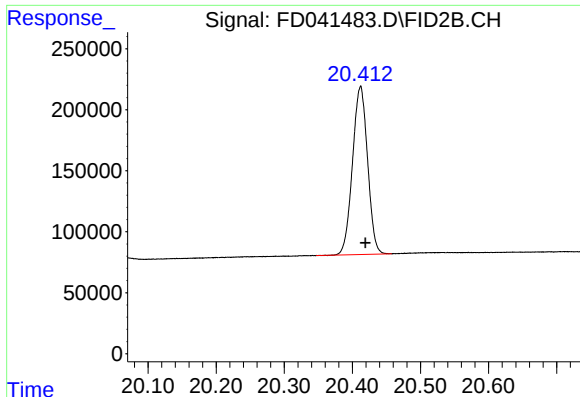
#19 n-Tetratriacontane (C34)

R.T.: 18.978 min
Delta R.T.: -0.007 min
Response: 2313816
Conc: 20.31 ug/ml



#20 n-Hexatriacontane (C36)

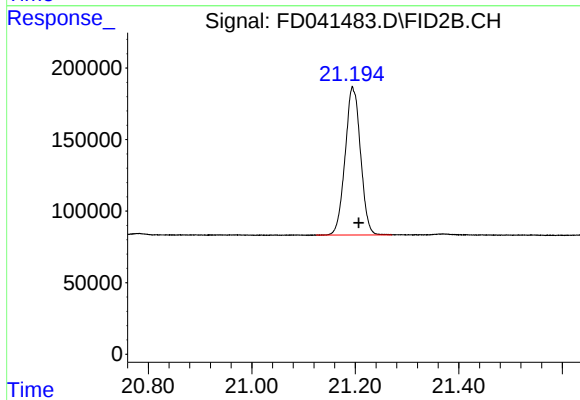
R.T.: 19.713 min
Delta R.T.: -0.008 min
Response: 2182270
Conc: 21.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.412 min
Delta R.T.: -0.007 min
Response: 2114549
Conc: 22.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.194 min
Delta R.T.: -0.012 min
Response: 2132924
Conc: 22.51 ug/ml