

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041222AL\
 Data File : FD041948.D
 Signal(s) : FID2B.CH
 Acq On : 12 Apr 2022 14:29
 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 13 02:32:21 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)	11.216	3694953	20.836 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
12) S 1-chlorooctadecane (S...	12.655	2869227	20.721 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
Target Compounds			
1) T n-Nonane (C9)	3.085	3312993	22.522 ug/ml
2) T n-Decane (C10)	4.129	3302904	22.619 ug/ml
3) T A~Naphthalene (C11.7)	5.680	3510203	22.472 ug/ml
4) T n-Dodecane (C12)	6.125	3427211	22.752 ug/ml
5) T A~2-methylnaphthalene...	6.726	3459819	22.242 ug/ml
6) T n-Tetradecane (C14)	7.901	3439570	22.581 ug/ml
7) T n-Hexadecane (C16)	9.488	3469534	22.502 ug/ml
8) T n-Octadecane (C18)	10.919	3480460	22.091 ug/ml
10) T n-Eicosane (C20)	12.218	3396028	21.468 ug/ml
11) T n-Heneicosane (C21)	12.825	3357953	20.969 ug/ml
13) T n-Docosane (C22)	13.408	3331883	20.745 ug/ml
14) T n-Tetracosane (C24)	14.503	3252937	20.124 ug/ml
15) T n-Hexacosane (C26)	15.518	3109909	19.255 ug/ml
16) T n-Octacosane (C28)	16.462	3041109	18.892 ug/ml
17) T n-Tricontane (C30)	17.344	2957854	18.769 ug/ml
18) T n-Dotriacontane (C32)	18.171	2799188	18.863 ug/ml
19) T n-Tetratriacontane (C34)	18.949	2624214	19.586 ug/ml
20) T n-Hexatriacontane (C36)	19.686	2425979	20.260 ug/ml
21) T n-Octatriacontane (C38)	20.382	2306442	20.839 ug/ml
22) T n-Tetracontane (C40)	21.156	2281652	21.192 ug/ml

(f)=RT Delta > 1/2 Window

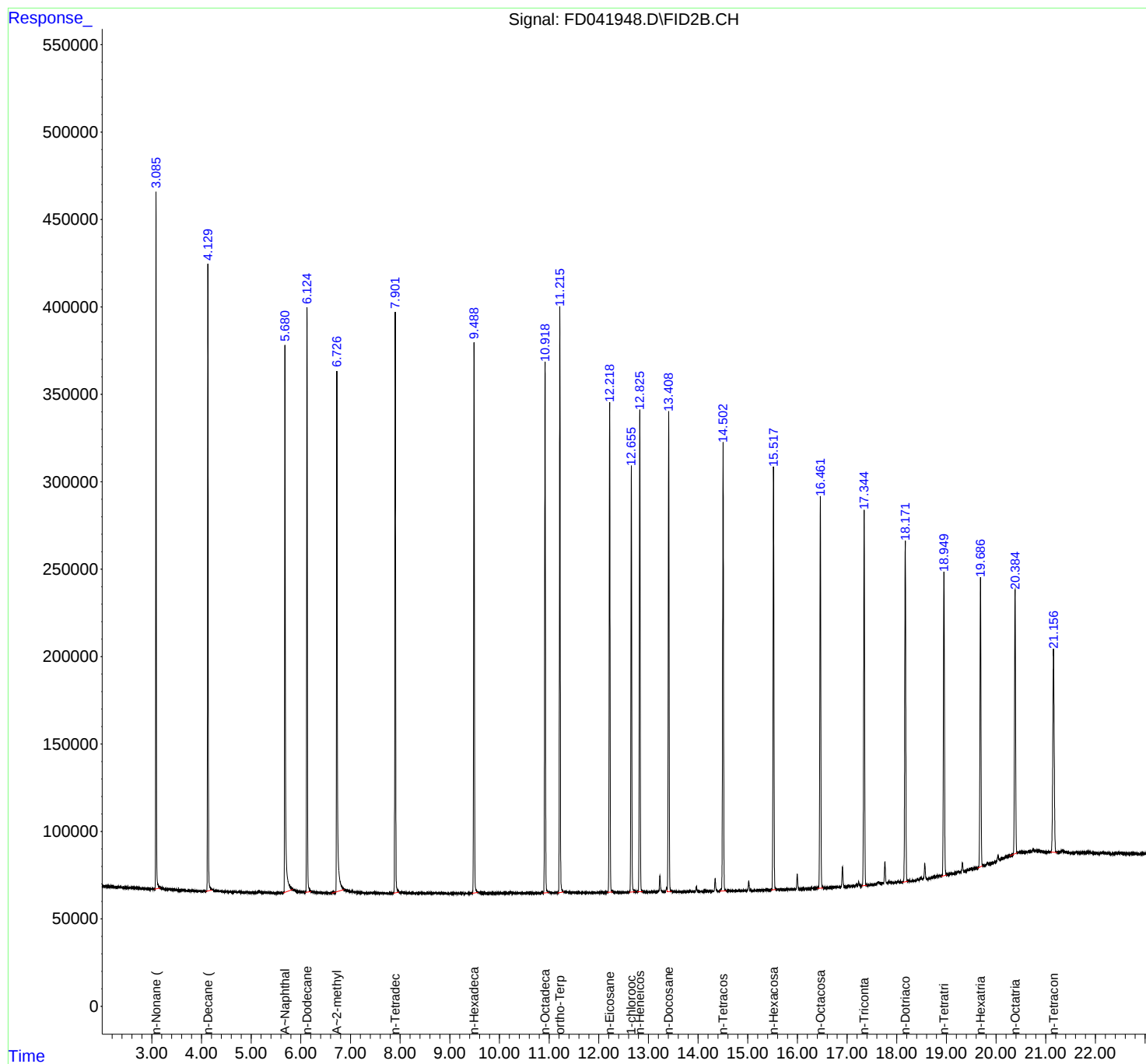
(m)=manual int.

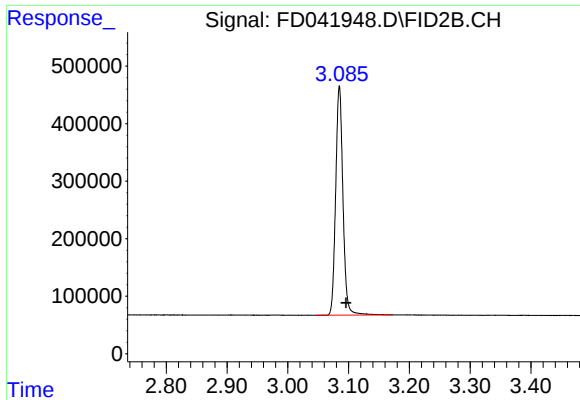
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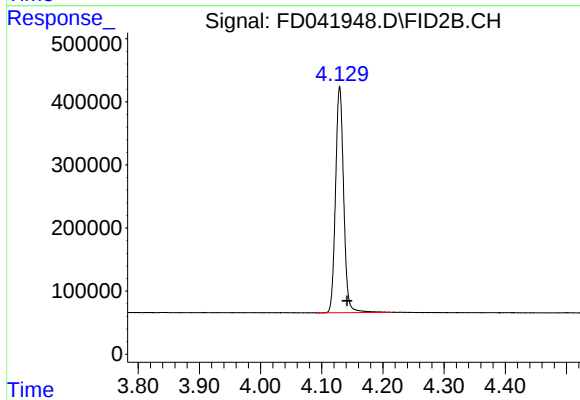




#1 n-Nonane (C9)

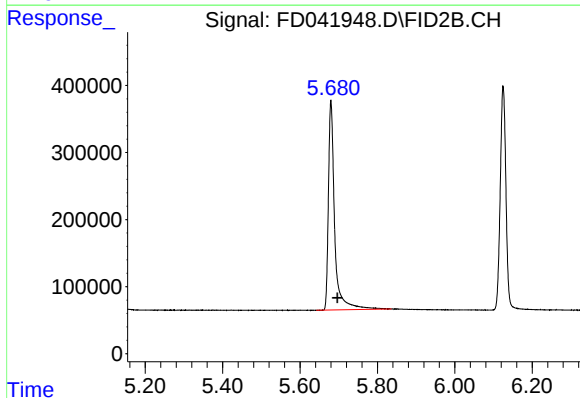
R.T.: 3.085 min
Delta R.T.: -0.011 min
Response: 3312993
Conc: 22.52 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



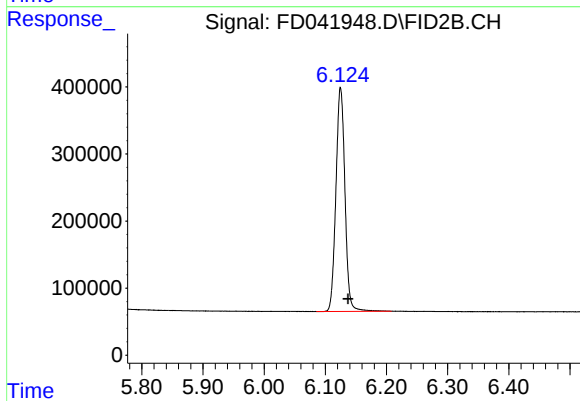
#2 n-Decane (C10)

R.T.: 4.129 min
Delta R.T.: -0.012 min
Response: 3302904
Conc: 22.62 ug/ml



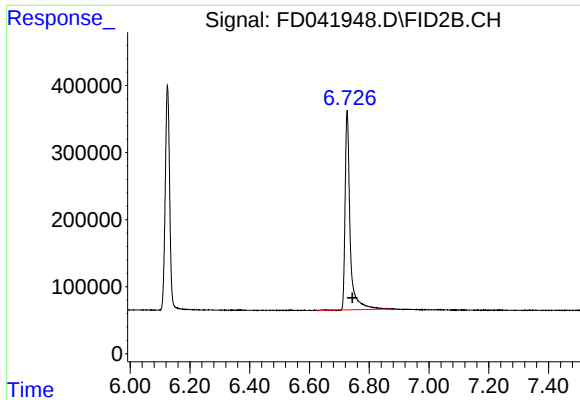
#3 A~Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.017 min
Response: 3510203
Conc: 22.47 ug/ml



#4 n-Dodecane (C12)

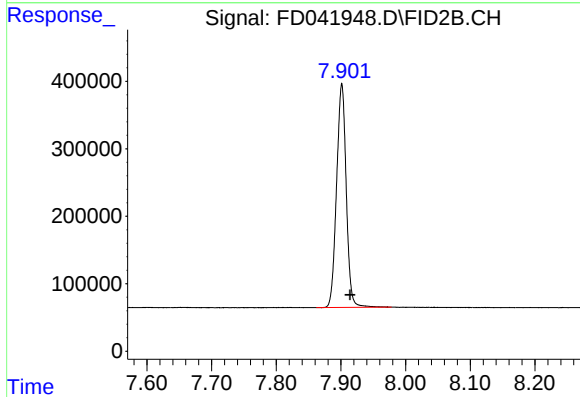
R.T.: 6.125 min
Delta R.T.: -0.012 min
Response: 3427211
Conc: 22.75 ug/ml



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

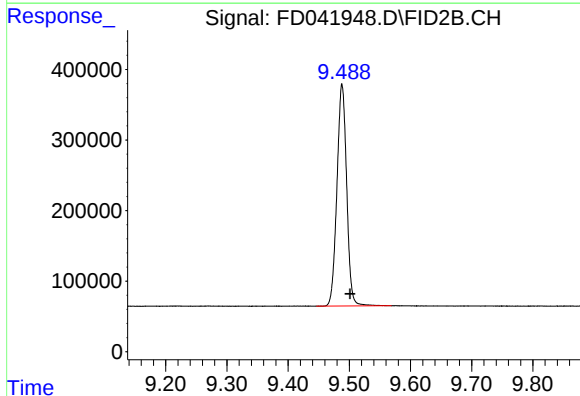
R.T.: 6.726 min
Delta R.T.: -0.017 min
Response: 3459819
Conc: 22.24 ug/ml

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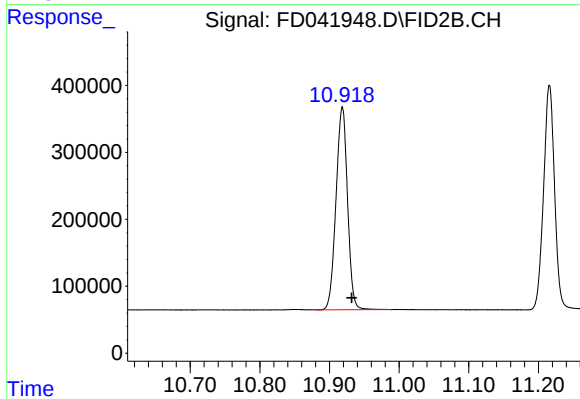
#6 n-Tetradecane (C14)

R.T.: 7.901 min
Delta R.T.: -0.013 min
Response: 3439570
Conc: 22.58 ug/ml



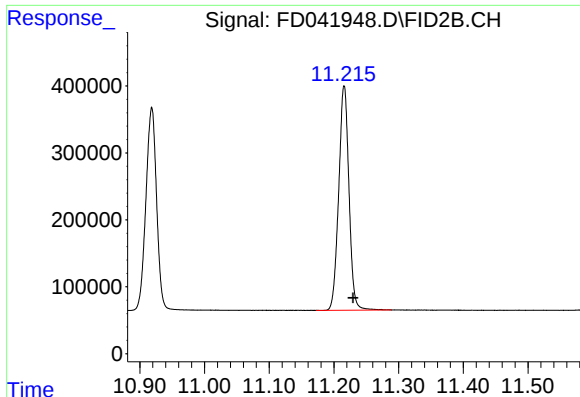
#7 n-Hexadecane (C16)

R.T.: 9.488 min
Delta R.T.: -0.013 min
Response: 3469534
Conc: 22.50 ug/ml



#8 n-Octadecane (C18)

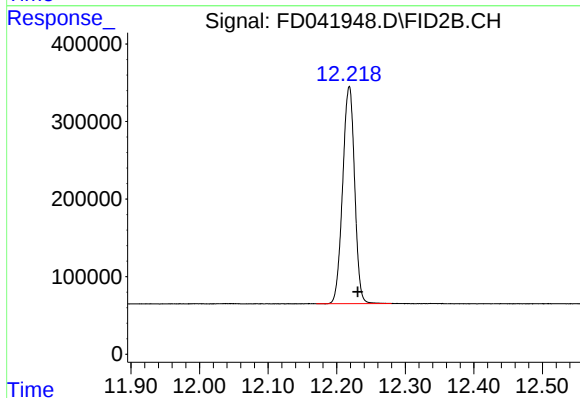
R.T.: 10.919 min
Delta R.T.: -0.013 min
Response: 3480460
Conc: 22.09 ug/ml



#9 ortho-Terphenyl (SURR)

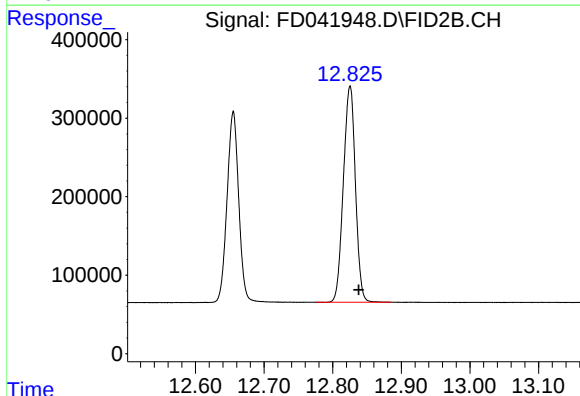
R.T.: 11.216 min
Delta R.T.: -0.014 min
Response: 3694953
Conc: 20.84 ug/ml

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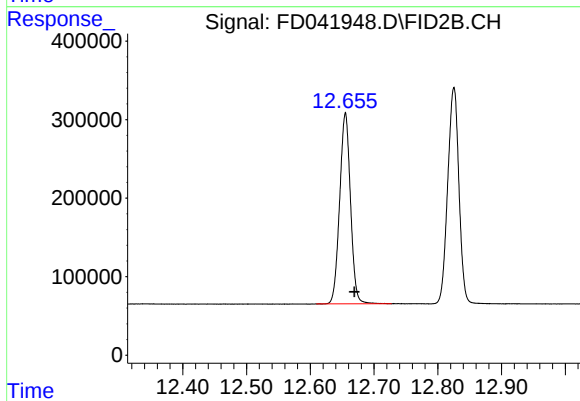
#10 n-Eicosane (C20)

R.T.: 12.218 min
Delta R.T.: -0.013 min
Response: 3396028
Conc: 21.47 ug/ml



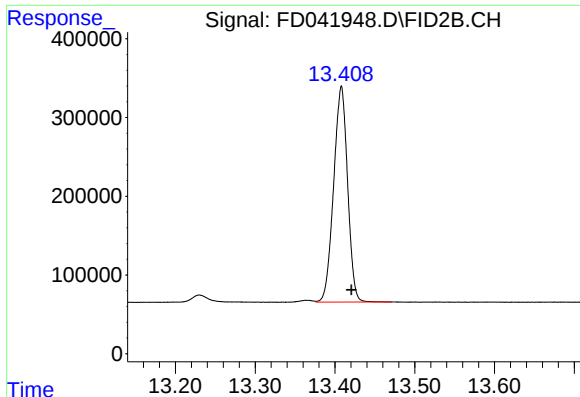
#11 n-Heneicosane (C21)

R.T.: 12.825 min
Delta R.T.: -0.013 min
Response: 3357953
Conc: 20.97 ug/ml



#12 1-chlorooctadecane (SURR)

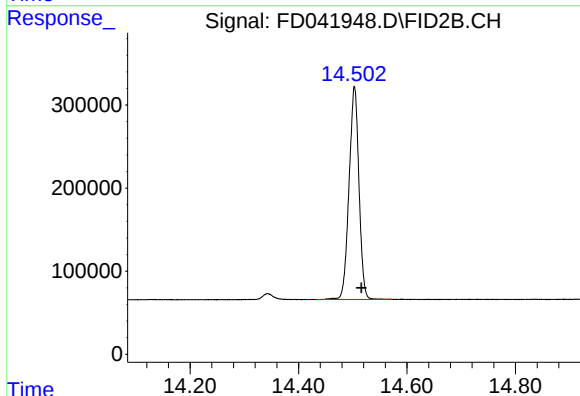
R.T.: 12.655 min
Delta R.T.: -0.014 min
Response: 2869227
Conc: 20.72 ug/ml



#13 n-Docosane (C22)

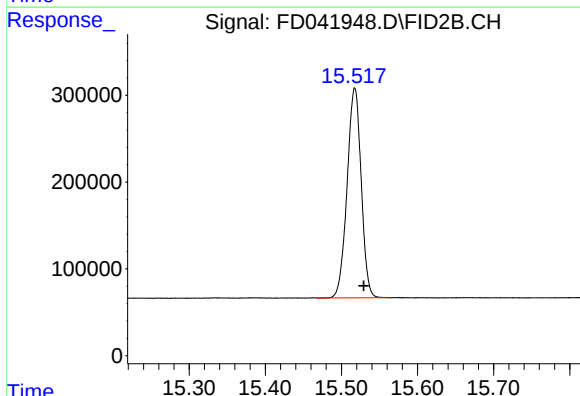
R.T.: 13.408 min
Delta R.T.: -0.013 min
Response: 3331883
Conc: 20.75 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



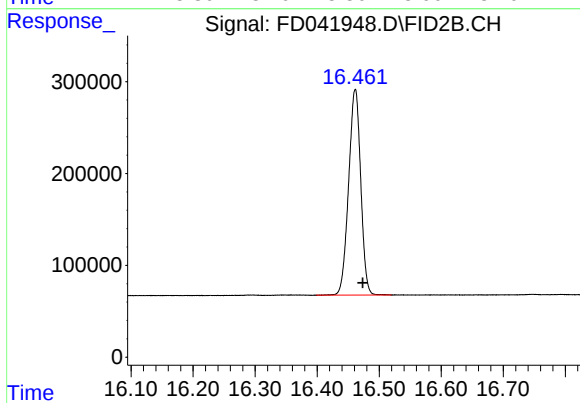
#14 n-Tetracosane (C24)

R.T.: 14.503 min
Delta R.T.: -0.012 min
Response: 3252937
Conc: 20.12 ug/ml



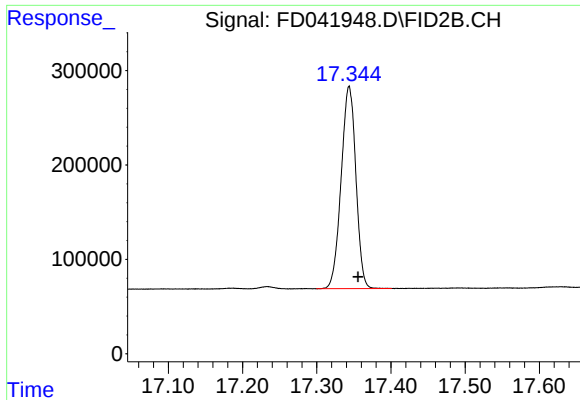
#15 n-Hexacosane (C26)

R.T.: 15.518 min
Delta R.T.: -0.012 min
Response: 3109909
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

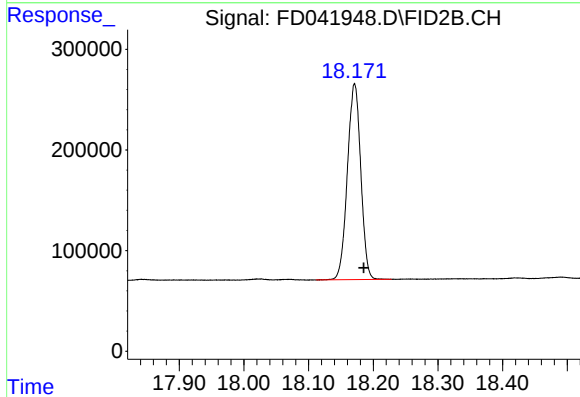
R.T.: 16.462 min
Delta R.T.: -0.012 min
Response: 3041109
Conc: 18.89 ug/ml



#17 n-Tricontane (C30)

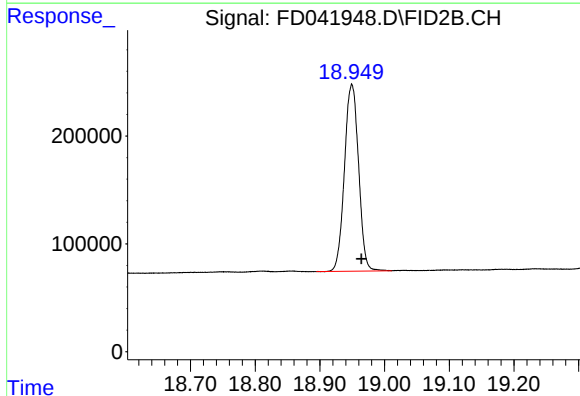
R.T.: 17.344 min
Delta R.T.: -0.012 min
Response: 2957854
Conc: 18.77 ug/ml

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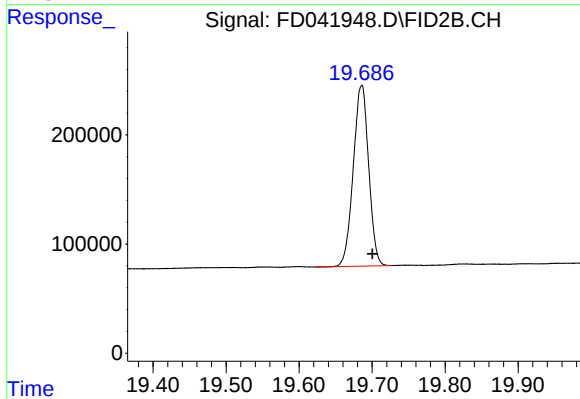
#18 n-Dotriacontane (C32)

R.T.: 18.171 min
Delta R.T.: -0.014 min
Response: 2799188
Conc: 18.86 ug/ml



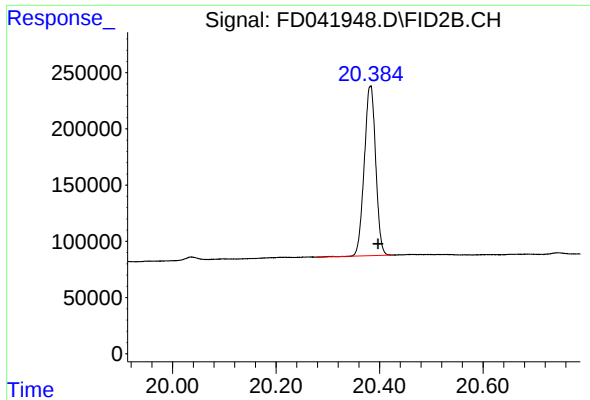
#19 n-Tetratriacontane (C34)

R.T.: 18.949 min
Delta R.T.: -0.015 min
Response: 2624214
Conc: 19.59 ug/ml



#20 n-Hexatriacontane (C36)

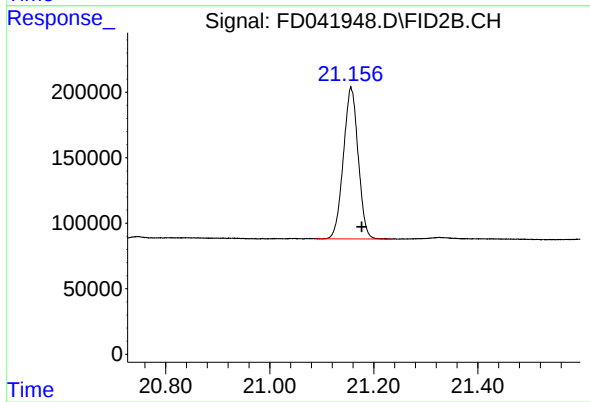
R.T.: 19.686 min
Delta R.T.: -0.015 min
Response: 2425979
Conc: 20.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.382 min
Delta R.T.: -0.015 min
Response: 2306442
Conc: 20.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.156 min
Delta R.T.: -0.021 min
Response: 2281652
Conc: 21.19 ug/ml