

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050222AL\
 Data File : FD042234.D
 Signal(s) : FID2B.CH
 Acq On : 02 May 2022 19:29
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: May 02 19:57:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.227	3638595	21.696 ug/ml
Spiked Amount 50.000		Recovery =	43.39%
12) S 1-chlorooctadecane (S...	12.665	2783372	21.093 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
Target Compounds			
1) T n-Nonane (C9)	3.100	3204992	23.514 ug/ml
2) T n-Decane (C10)	4.144	3246798	24.227 ug/ml
3) T A~Naphthalene (C11.7)	5.695	3417322	23.575 ug/ml
4) T n-Dodecane (C12)	6.139	3340162	23.462 ug/ml
5) T A~2-methylnaphthalene...	6.741	3423509	24.567 ug/ml
6) T n-Tetradecane (C14)	7.915	3337718	23.432 ug/ml
7) T n-Hexadecane (C16)	9.500	3349251	23.048 ug/ml
8) T n-Octadecane (C18)	10.929	3345624	22.323 ug/ml
10) T n-Eicosane (C20)	12.228	3261760	21.310 ug/ml
11) T n-Heneicosane (C21)	12.835	3243325	21.038 ug/ml
13) T n-Docosane (C22)	13.417	3224526	20.919 ug/ml
14) T n-Tetracosane (C24)	14.513	3161756	20.444 ug/ml
15) T n-Hexacosane (C26)	15.527	3061278	19.902 ug/ml
16) T n-Octacosane (C28)	16.471	3062878	20.033 ug/ml
17) T n-Tricontane (C30)	17.354	3112413	20.750 ug/ml
18) T n-Dotriacontane (C32)	18.181	3011771	21.300 ug/ml
19) T n-Tetratriacontane (C34)	18.961	2741063	21.300 ug/ml
20) T n-Hexatriacontane (C36)	19.696	2434319	21.512 ug/ml
21) T n-Octatriacontane (C38)	20.392	2236240	22.413 ug/ml
22) T n-Tetracontane (C40)	21.170	2127014	23.581 ug/ml

(f)=RT Delta > 1/2 Window

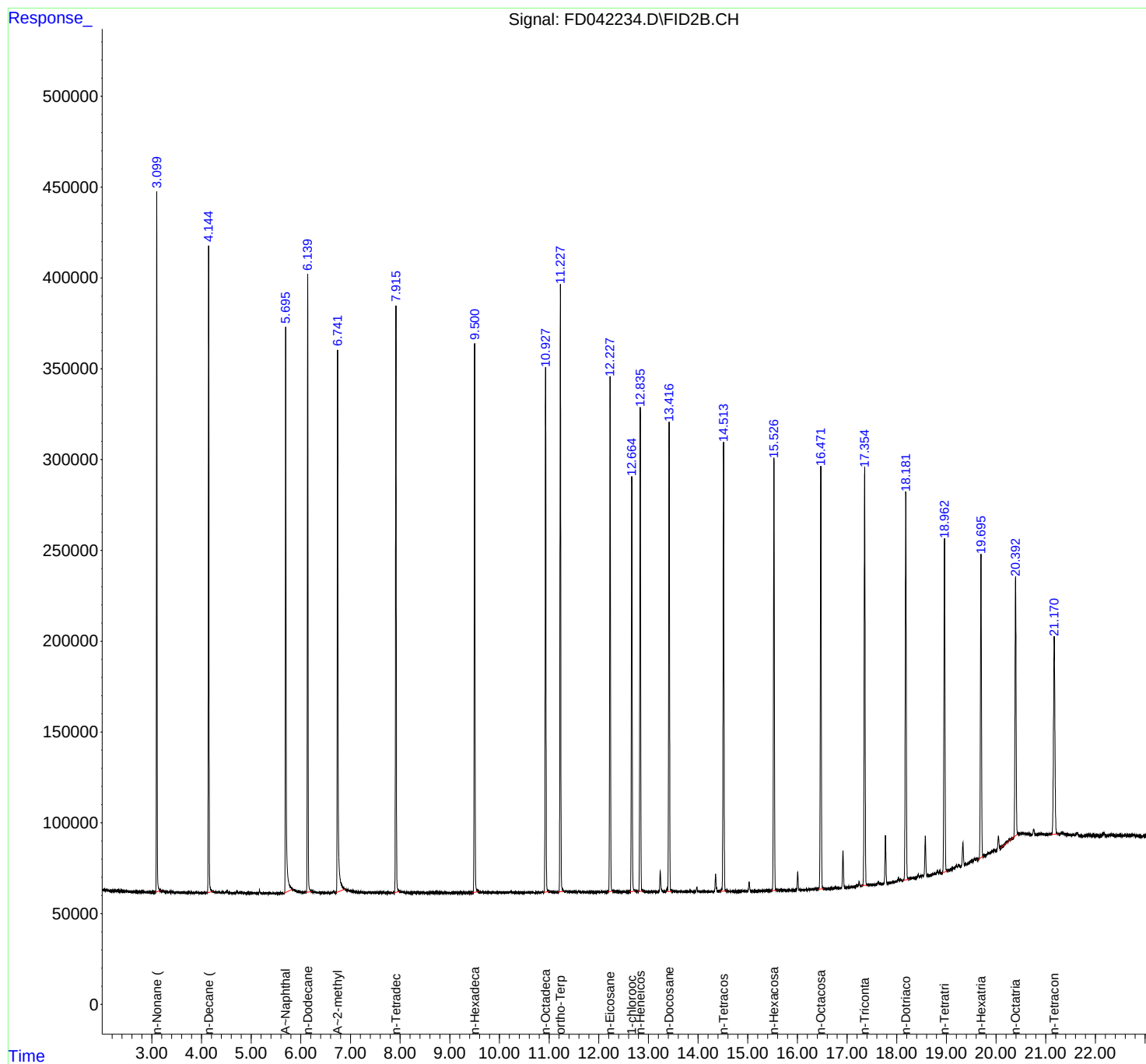
(m)=manual int.

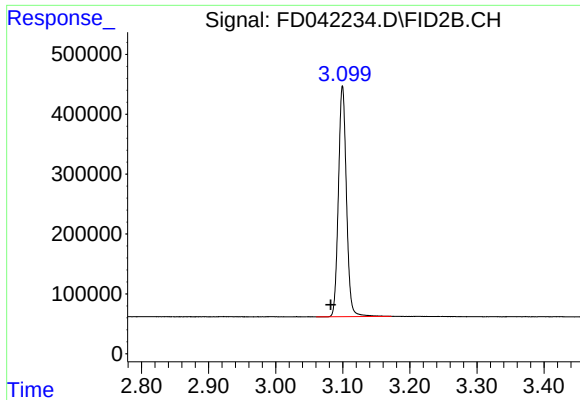
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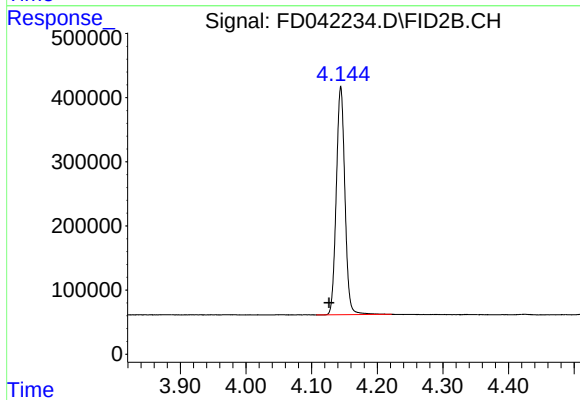




#1 n-Nonane (C9)

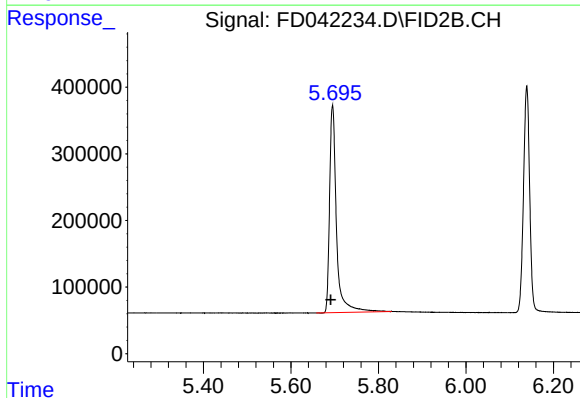
R.T.: 3.100 min
Delta R.T.: 0.018 min
Response: 3204992
Conc: 23.51 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



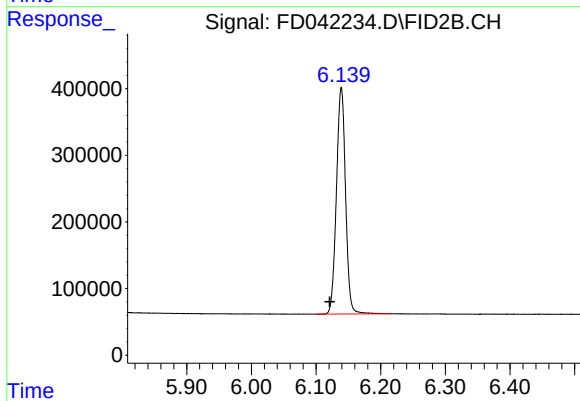
#2 n-Decane (C10)

R.T.: 4.144 min
Delta R.T.: 0.018 min
Response: 3246798
Conc: 24.23 ug/ml



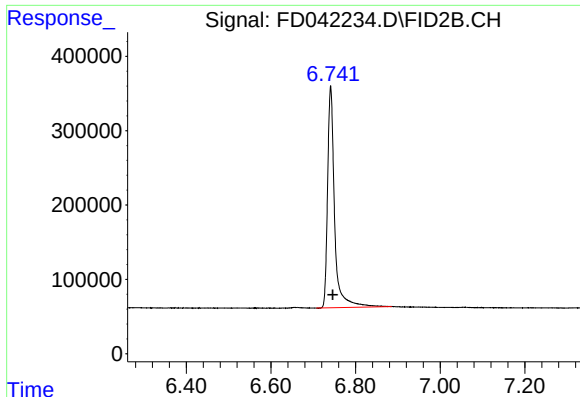
#3 A~Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: 0.004 min
Response: 3417322
Conc: 23.58 ug/ml



#4 n-Dodecane (C12)

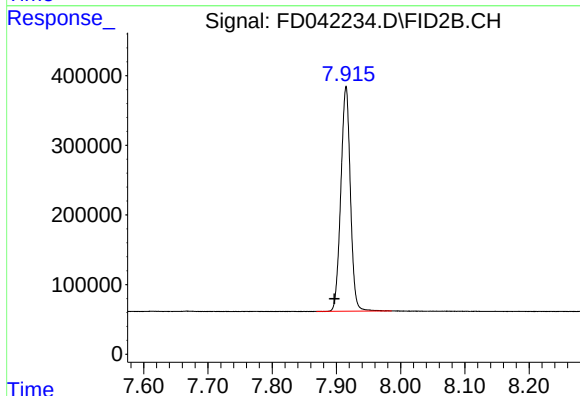
R.T.: 6.139 min
Delta R.T.: 0.018 min
Response: 3340162
Conc: 23.46 ug/ml



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

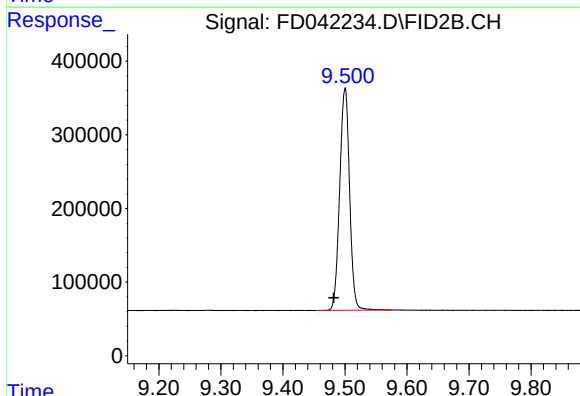
R.T.: 6.741 min
Delta R.T.: -0.005 min
Response: 3423509
Conc: 24.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



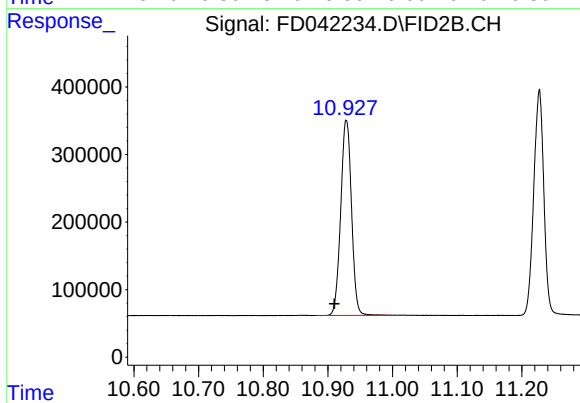
#6 n-Tetradecane (C14)

R.T.: 7.915 min
Delta R.T.: 0.018 min
Response: 3337718
Conc: 23.43 ug/ml



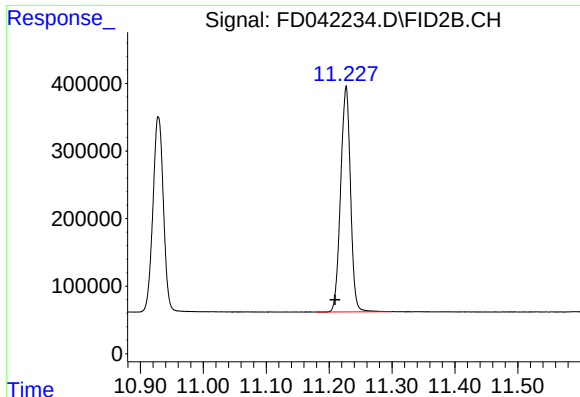
#7 n-Hexadecane (C16)

R.T.: 9.500 min
Delta R.T.: 0.018 min
Response: 3349251
Conc: 23.05 ug/ml



#8 n-Octadecane (C18)

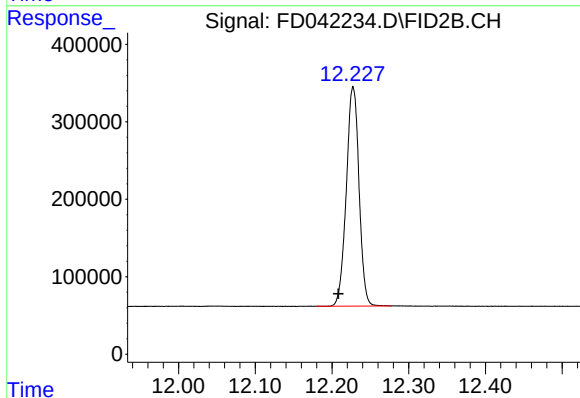
R.T.: 10.929 min
Delta R.T.: 0.018 min
Response: 3345624
Conc: 22.32 ug/ml



#9 ortho-Terphenyl (SURR)

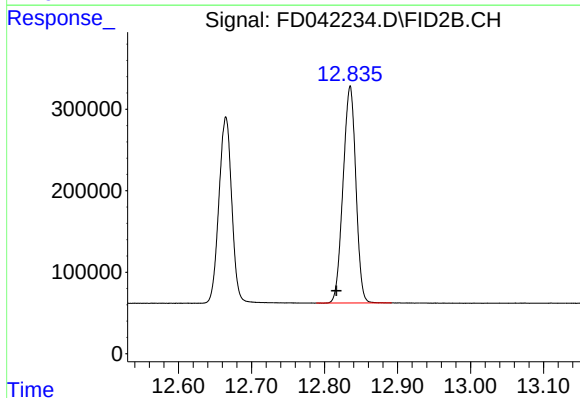
R.T.: 11.227 min
Delta R.T.: 0.018 min
Response: 3638595
Conc: 21.70 ug/ml

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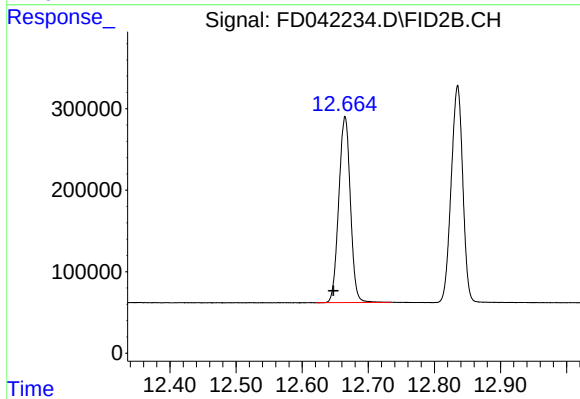
#10 n-Eicosane (C20)

R.T.: 12.228 min
Delta R.T.: 0.019 min
Response: 3261760
Conc: 21.31 ug/ml



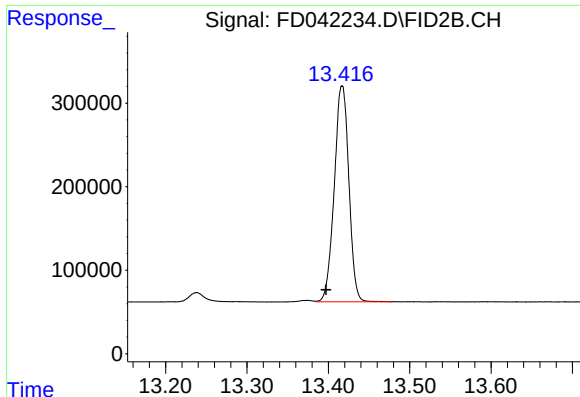
#11 n-Heneicosane (C21)

R.T.: 12.835 min
Delta R.T.: 0.019 min
Response: 3243325
Conc: 21.04 ug/ml



#12 1-chlorooctadecane (SURR)

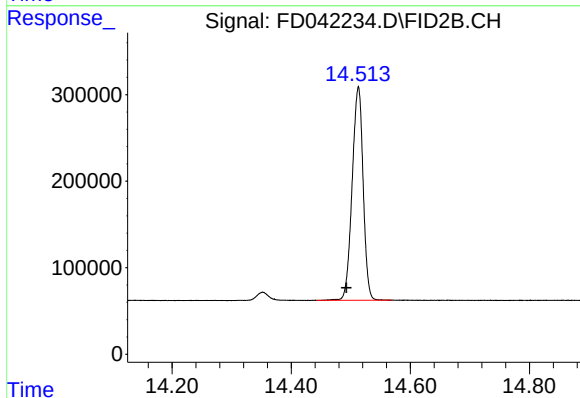
R.T.: 12.665 min
Delta R.T.: 0.018 min
Response: 2783372
Conc: 21.09 ug/ml



#13 n-Docosane (C22)

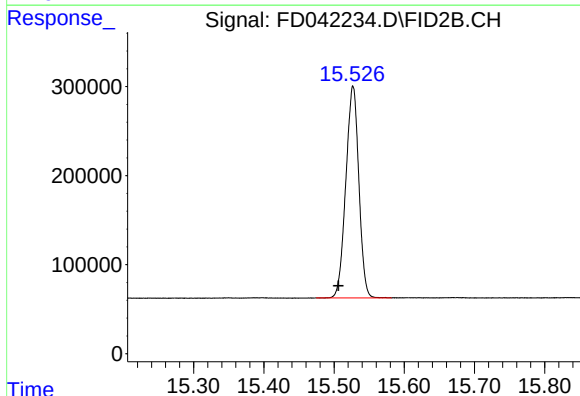
R.T.: 13.417 min
Delta R.T.: 0.019 min
Response: 3224526
Conc: 20.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



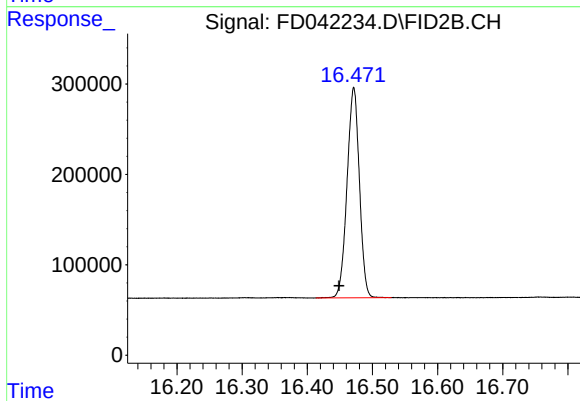
#14 n-Tetracosane (C24)

R.T.: 14.513 min
Delta R.T.: 0.020 min
Response: 3161756
Conc: 20.44 ug/ml



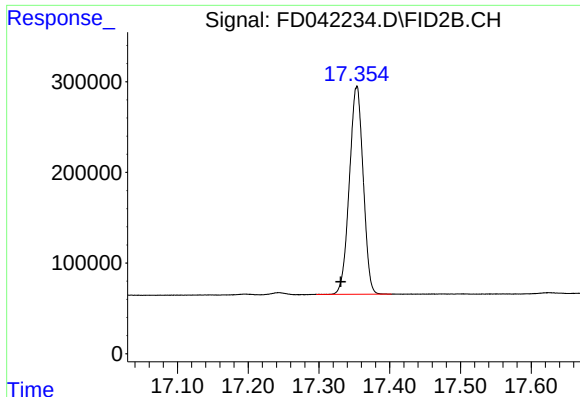
#15 n-Hexacosane (C26)

R.T.: 15.527 min
Delta R.T.: 0.021 min
Response: 3061278
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

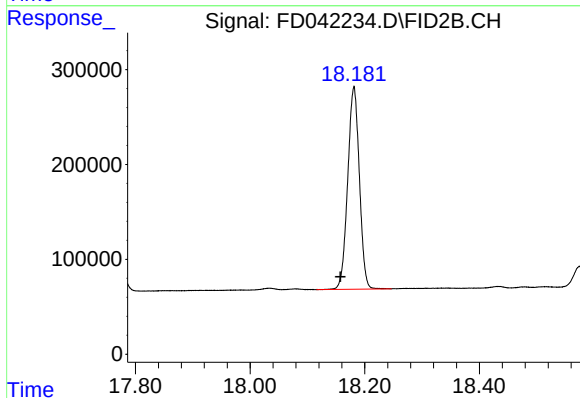
R.T.: 16.471 min
Delta R.T.: 0.023 min
Response: 3062878
Conc: 20.03 ug/ml



#17 n-Tricontane (C30)

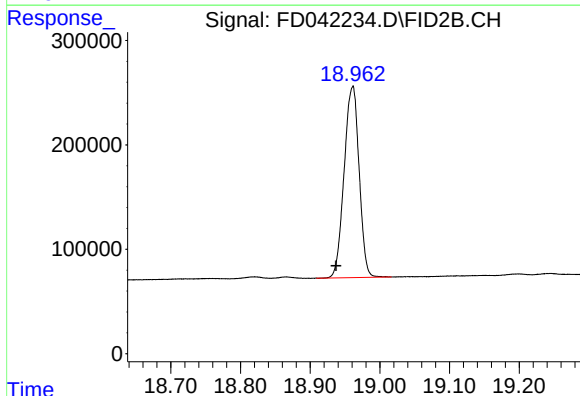
R.T.: 17.354 min
Delta R.T.: 0.023 min
Response: 3112413
Conc: 20.75 ug/ml

Instrument :
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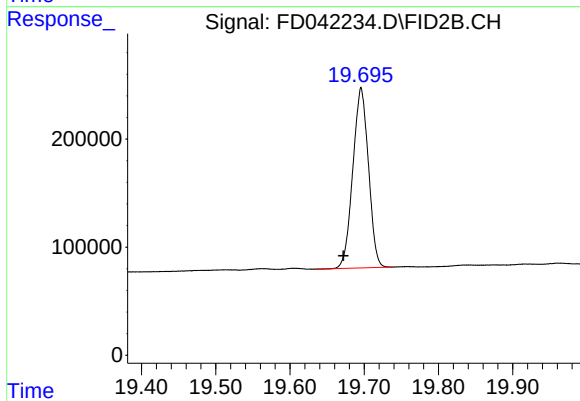
#18 n-Dotriacontane (C32)

R.T.: 18.181 min
Delta R.T.: 0.024 min
Response: 3011771
Conc: 21.30 ug/ml



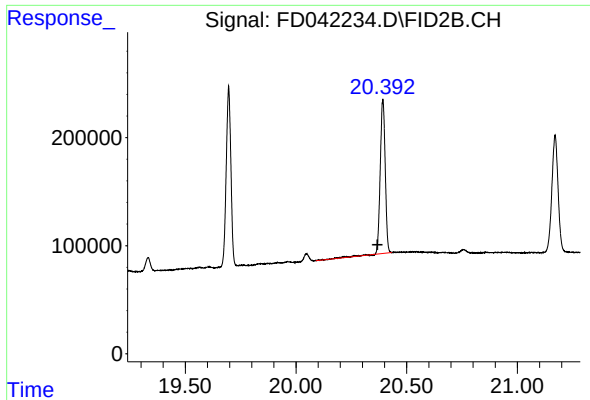
#19 n-Tetratriacontane (C34)

R.T.: 18.961 min
Delta R.T.: 0.024 min
Response: 2741063
Conc: 21.30 ug/ml



#20 n-Hexatriacontane (C36)

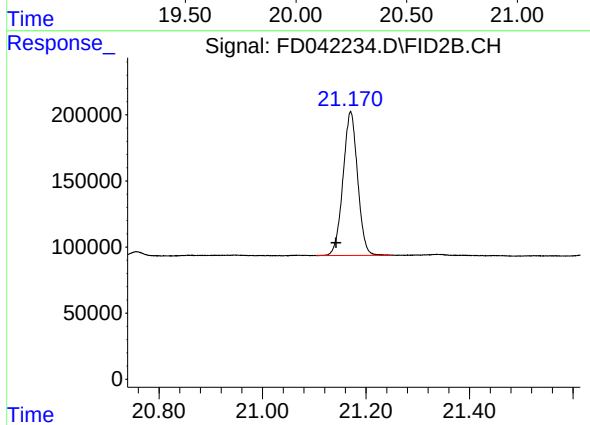
R.T.: 19.696 min
Delta R.T.: 0.024 min
Response: 2434319
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.392 min
Delta R.T.: 0.024 min
Response: 2236240
Conc: 22.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.170 min
Delta R.T.: 0.028 min
Response: 2127014
Conc: 23.58 ug/ml