

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052022AL\
 Data File : FD042570.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2022 4:20
 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 20 04:46:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 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)	11.199	2852013	17.019 ug/ml
Spiked Amount 50.000		Recovery =	34.04%
12) S 1-chlorooctadecane (S...	12.637	2213482	17.167 ug/ml
Spiked Amount 50.000		Recovery =	34.33%
Target Compounds			
1) T n-Nonane (C9)	3.076	2401557	15.814 ug/ml
2) T n-Decane (C10)	4.120	2503213	16.639 ug/ml
3) T A~Naphthalene (C11.7)	5.671	2569074	16.678 ug/ml
4) T n-Dodecane (C12)	6.112	2635347	16.771 ug/ml
5) T A~2-methylnaphthalene...	6.716	2576826	16.746 ug/ml
6) T n-Tetradecane (C14)	7.887	2649848	16.817 ug/ml
7) T n-Hexadecane (C16)	9.472	2681475	16.977 ug/ml
8) T n-Octadecane (C18)	10.901	2693123	17.075 ug/ml
10) T n-Eicosane (C20)	12.200	2630819	17.079 ug/ml
11) T n-Heneicosane (C21)	12.808	2598250	16.993 ug/ml
13) T n-Docosane (C22)	13.389	2589229	17.292 ug/ml
14) T n-Tetracosane (C24)	14.485	2557476	17.730 ug/ml
15) T n-Hexacosane (C26)	15.499	2508151	17.910 ug/ml
16) T n-Octacosane (C28)	16.442	2603421	19.098 ug/ml
17) T n-Tricontane (C30)	17.324	2821225	21.191 ug/ml
18) T n-Dotriacontane (C32)	18.151	2801153	22.014 ug/ml
19) T n-Tetratriacontane (C34)	18.931	2522835	20.903 ug/ml
20) T n-Hexatriacontane (C36)	19.668	2218074	19.585 ug/ml
21) T n-Octatriacontane (C38)	20.363	2025572	18.758 ug/ml
22) T n-Tetracontane (C40)	21.132	1908305	17.889 ug/ml

(f)=RT Delta > 1/2 Window

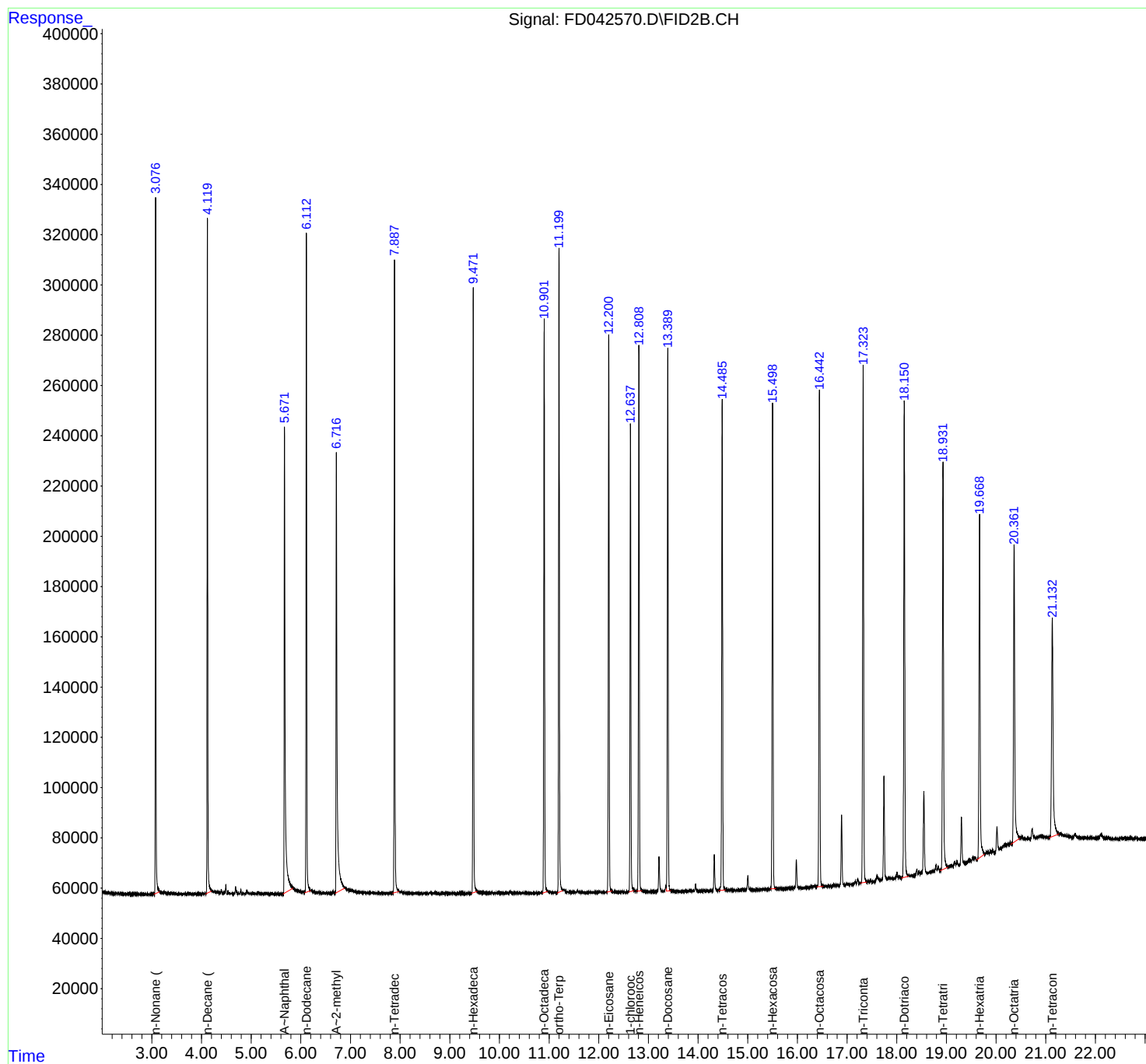
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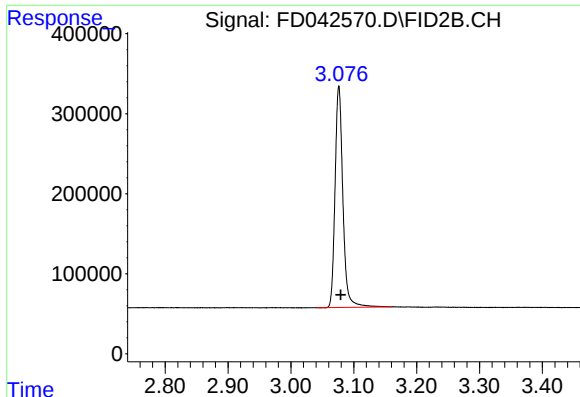
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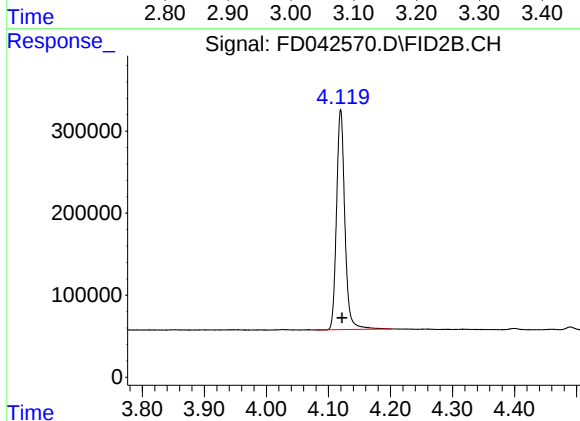




#1 n-Nonane (C9)

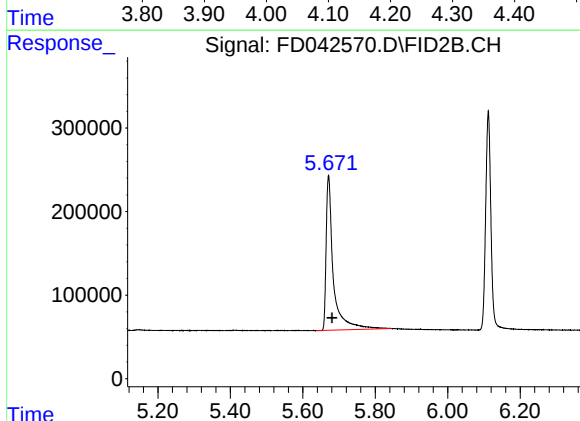
R.T.: 3.076 min
Delta R.T.: -0.003 min
Response: 2401557
Conc: 15.81 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



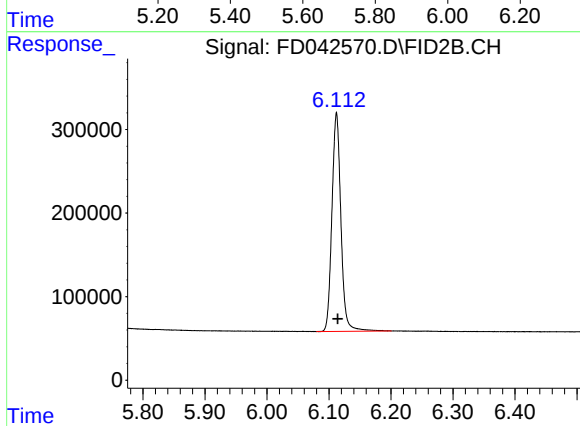
#2 n-Decane (C10)

R.T.: 4.120 min
Delta R.T.: -0.002 min
Response: 2503213
Conc: 16.64 ug/ml



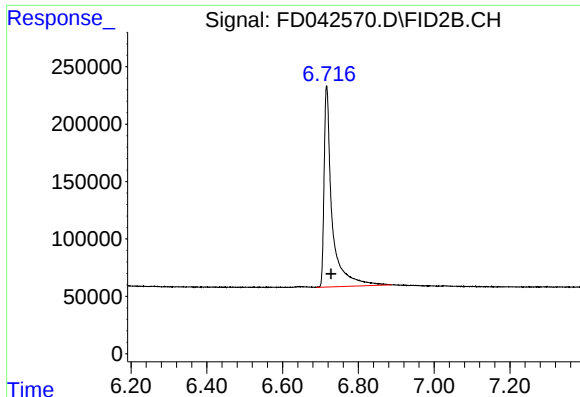
#3 A~Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.009 min
Response: 2569074
Conc: 16.68 ug/ml



#4 n-Dodecane (C12)

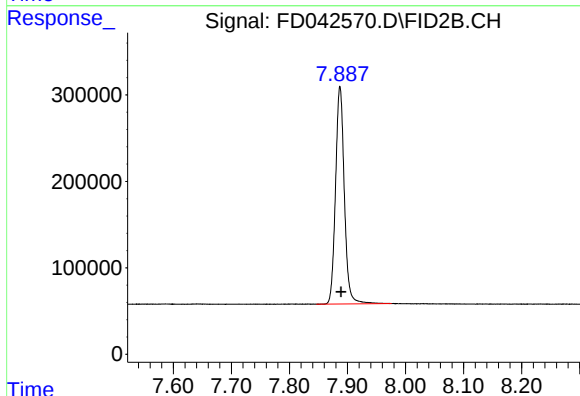
R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 2635347
Conc: 16.77 ug/ml



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

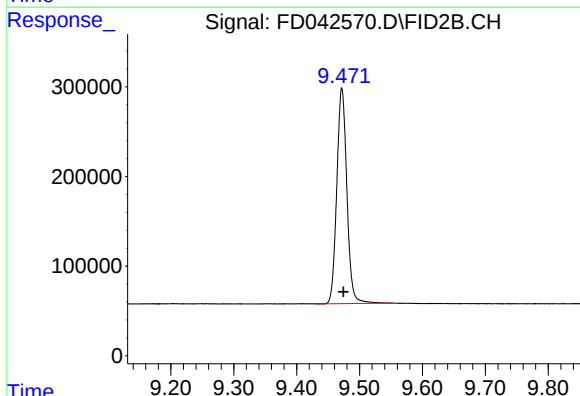
R.T.: 6.716 min
Delta R.T.: -0.011 min
Response: 2576826
Conc: 16.75 ug/ml

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20 PPM ALIPHATIC HC STD



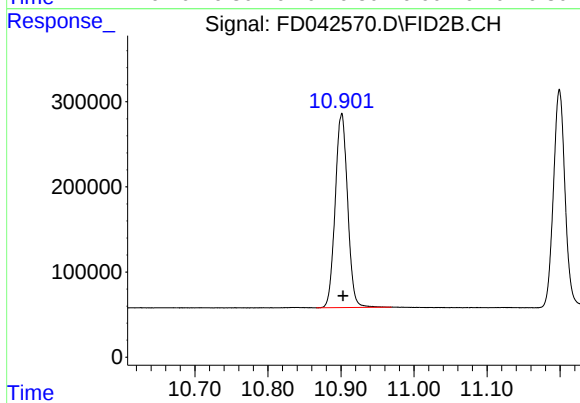
#6 n-Tetradecane (C14)

R.T.: 7.887 min
Delta R.T.: -0.002 min
Response: 2649848
Conc: 16.82 ug/ml



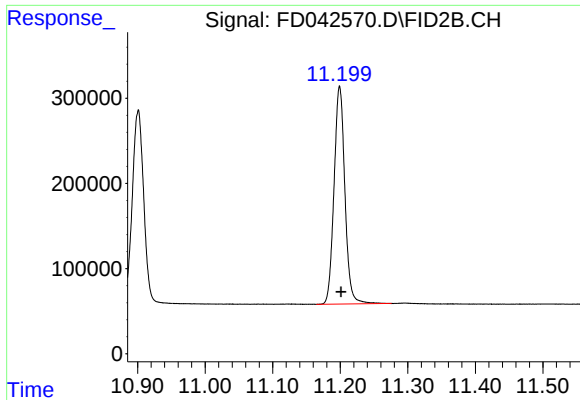
#7 n-Hexadecane (C16)

R.T.: 9.472 min
Delta R.T.: -0.003 min
Response: 2681475
Conc: 16.98 ug/ml



#8 n-Octadecane (C18)

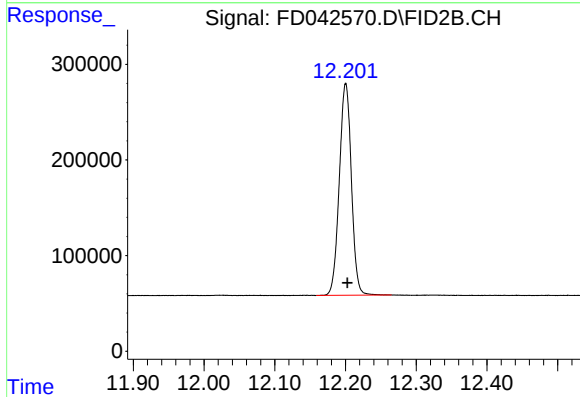
R.T.: 10.901 min
Delta R.T.: -0.002 min
Response: 2693123
Conc: 17.07 ug/ml



#9 ortho-Terphenyl (SURR)

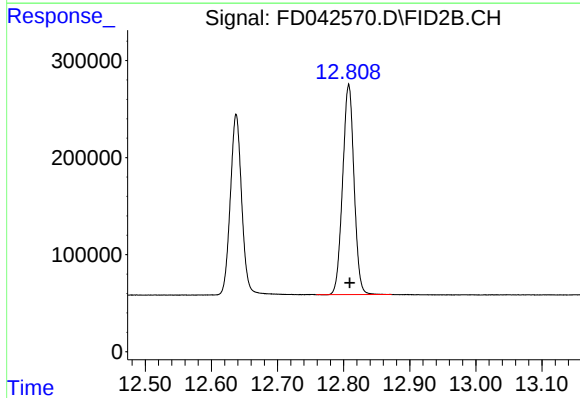
R.T.: 11.199 min
Delta R.T.: -0.002 min
Response: 2852013
Conc: 17.02 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



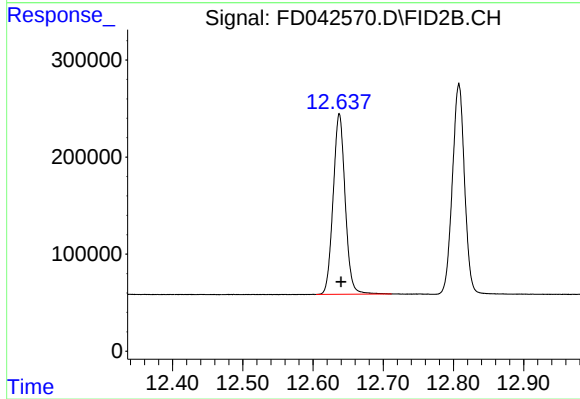
#10 n-Eicosane (C20)

R.T.: 12.200 min
Delta R.T.: -0.002 min
Response: 2630819
Conc: 17.08 ug/ml



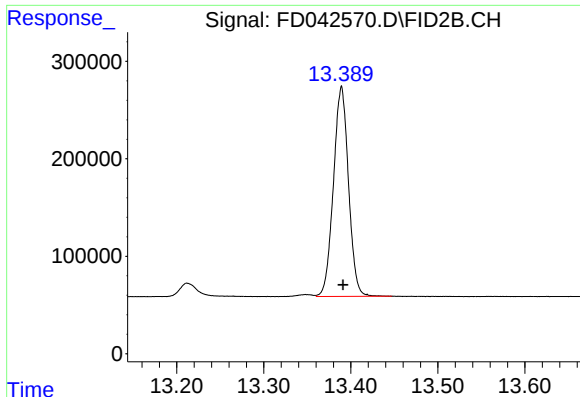
#11 n-Heneicosane (C21)

R.T.: 12.808 min
Delta R.T.: -0.002 min
Response: 2598250
Conc: 16.99 ug/ml



#12 1-chlorooctadecane (SURR)

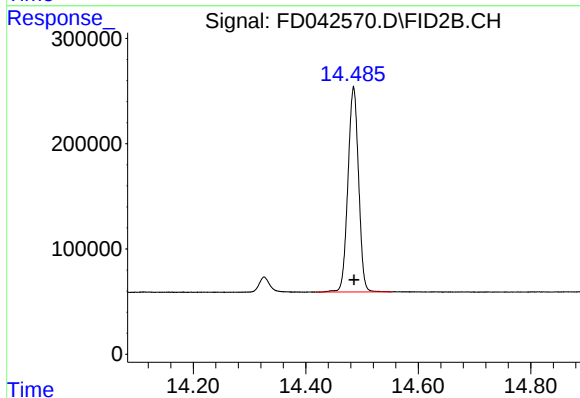
R.T.: 12.637 min
Delta R.T.: -0.002 min
Response: 2213482
Conc: 17.17 ug/ml



#13 n-Docosane (C22)

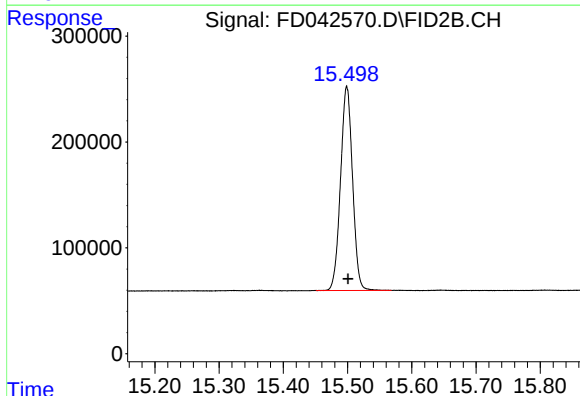
R.T.: 13.389 min
Delta R.T.: -0.002 min
Response: 2589229
Conc: 17.29 ug/ml

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20 PPM ALIPHATIC HC STD



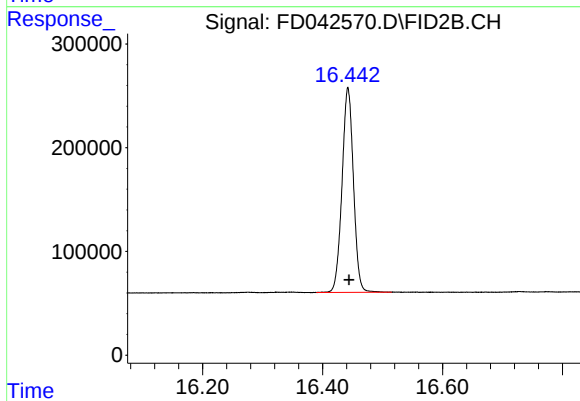
#14 n-Tetracosane (C24)

R.T.: 14.485 min
Delta R.T.: 0.000 min
Response: 2557476
Conc: 17.73 ug/ml



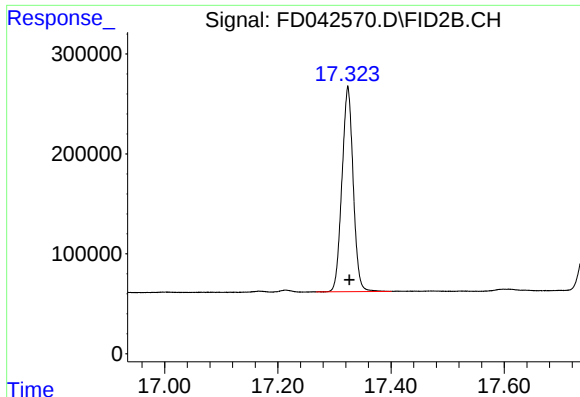
#15 n-Hexacosane (C26)

R.T.: 15.499 min
Delta R.T.: -0.002 min
Response: 2508151
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

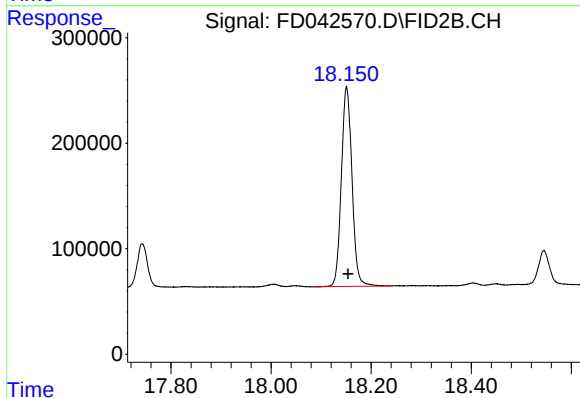
R.T.: 16.442 min
Delta R.T.: -0.002 min
Response: 2603421
Conc: 19.10 ug/ml



#17 n-Tricontane (C30)

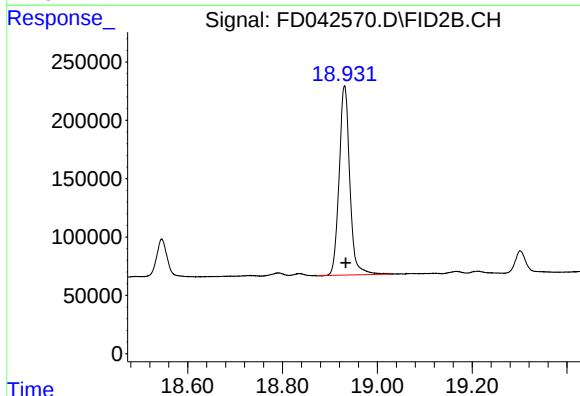
R.T.: 17.324 min
Delta R.T.: -0.003 min
Response: 2821225
Conc: 21.19 ug/ml

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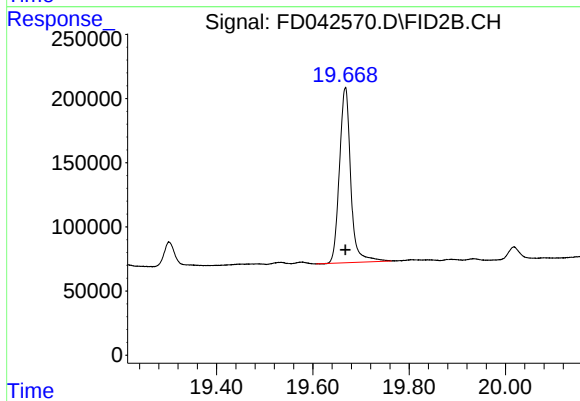
#18 n-Dotriacontane (C32)

R.T.: 18.151 min
Delta R.T.: -0.003 min
Response: 2801153
Conc: 22.01 ug/ml



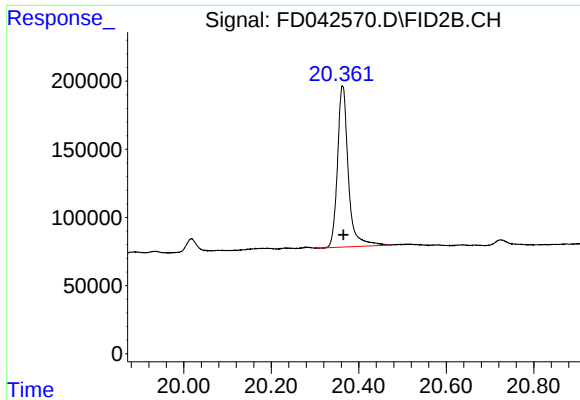
#19 n-Tetratriacontane (C34)

R.T.: 18.931 min
Delta R.T.: -0.002 min
Response: 2522835
Conc: 20.90 ug/ml



#20 n-Hexatriacontane (C36)

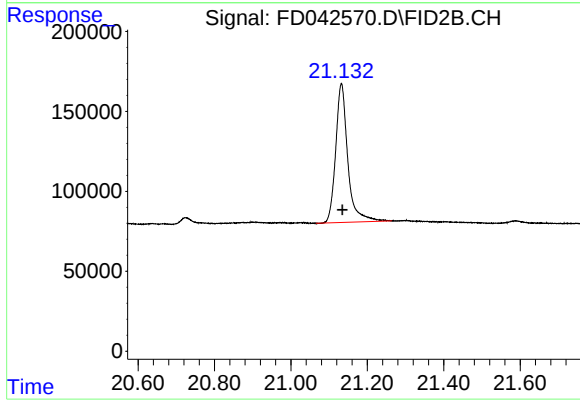
R.T.: 19.668 min
Delta R.T.: 0.000 min
Response: 2218074
Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.363 min
Delta R.T.: -0.002 min
Response: 2025572
Conc: 18.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.132 min
Delta R.T.: -0.003 min
Response: 1908305
Conc: 17.89 ug/ml