

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072023AL\
 Data File : FD046149.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2023 16:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 21 01:38:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072023.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 14:31:50 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.398	3540650	20.308 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
12) S 1-chlorooctadecane (S...	12.832	2444200	20.313 ug/ml
Spiked Amount 50.000		Recovery =	40.63%
Target Compounds			
1) T n-Nonane (C9)	3.228	3192874	20.252 ug/ml
2) T n-Decane (C10)	4.283	3248249	20.226 ug/ml
3) T A~Naphthalene (C11.7)	5.844	3529395	20.386 ug/ml
4) T n-Dodecane (C12)	6.286	3269794	20.229 ug/ml
5) T A~2-methylnaphthalene...	6.893	3344424	20.264 ug/ml
6) T n-Tetradecane (C14)	8.070	3214075	20.203 ug/ml
7) T n-Hexadecane (C16)	9.661	3289643	20.216 ug/ml
8) T n-Octadecane (C18)	11.094	3270741	20.277 ug/ml
10) T n-Eicosane (C20)	12.394	3035964	20.339 ug/ml
11) T n-Heneicosane (C21)	13.002	2937749	20.352 ug/ml
13) T n-Docosane (C22)	13.584	2849586	20.394 ug/ml
14) T n-Tetracosane (C24)	14.678	2773781	20.144 ug/ml
15) T n-Hexacosane (C26)	15.692	2599614	20.335 ug/ml
16) T n-Octacosane (C28)	16.634	2488799	20.439 ug/ml
17) T n-Tricontane (C30)	17.515	2511648	20.294 ug/ml
18) T n-Dotriacontane (C32)	18.340	2490062	20.393 ug/ml
19) T n-Tetratriacontane (C34)	19.117	2479415	19.379 ug/ml
20) T n-Hexatriacontane (C36)	19.850	2291323	20.007 ug/ml
21) T n-Octatriacontane (C38)	20.550	2143924	19.043 ug/ml
22) T n-Tetracontane (C40)	21.367	1831057	17.070 ug/ml

(f)=RT Delta > 1/2 Window

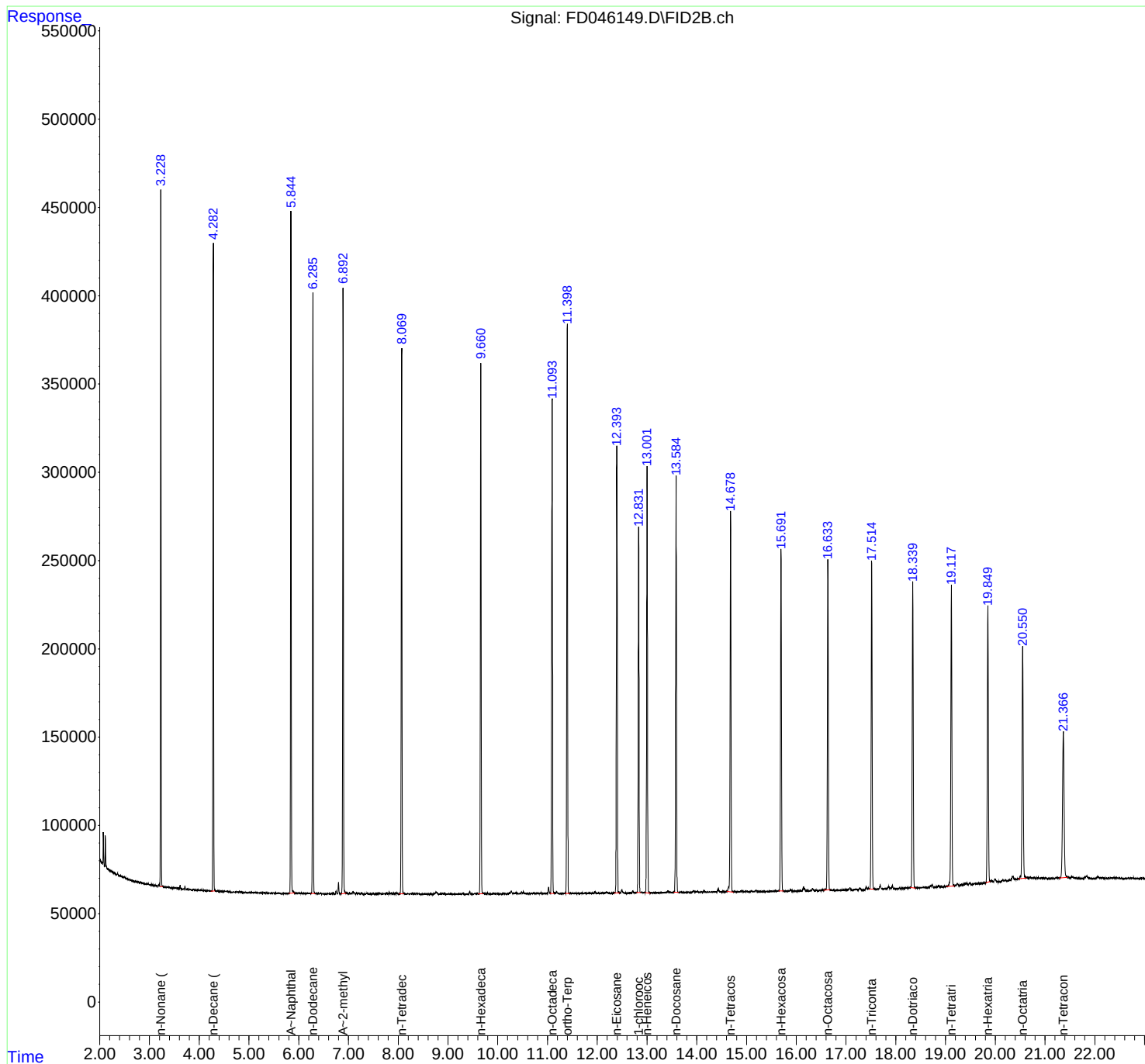
(m)=manual int.

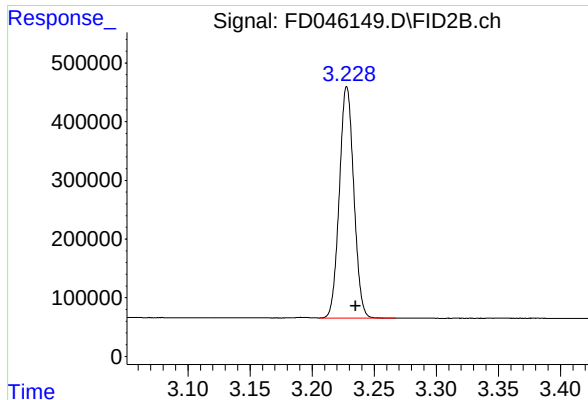
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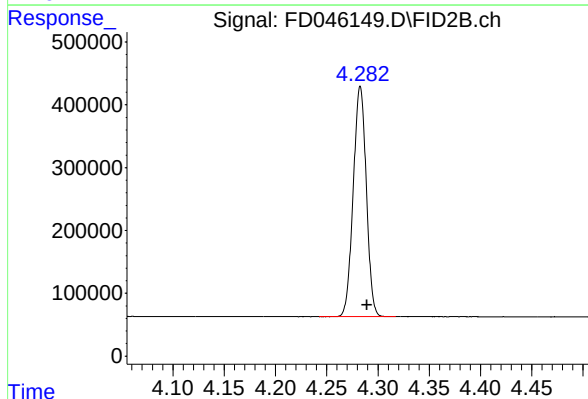




#1 n-Nonane (C9)

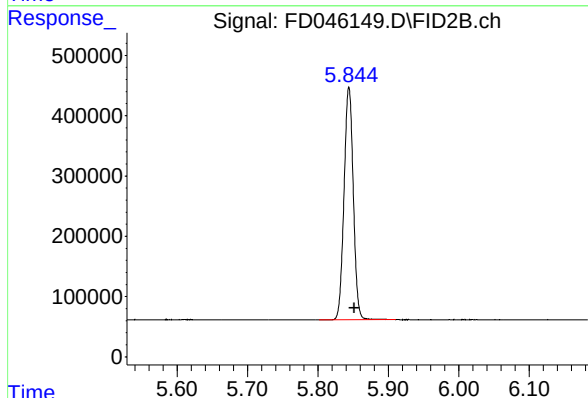
R.T.: 3.228 min
Delta R.T.: -0.007 min
Response: 3192874
Conc: 20.25 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



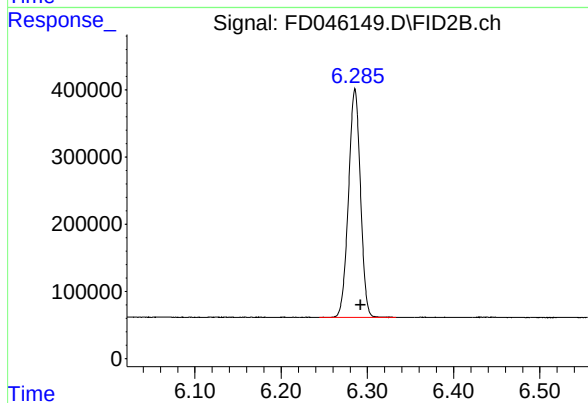
#2 n-Decane (C10)

R.T.: 4.283 min
Delta R.T.: -0.007 min
Response: 3248249
Conc: 20.23 ug/ml



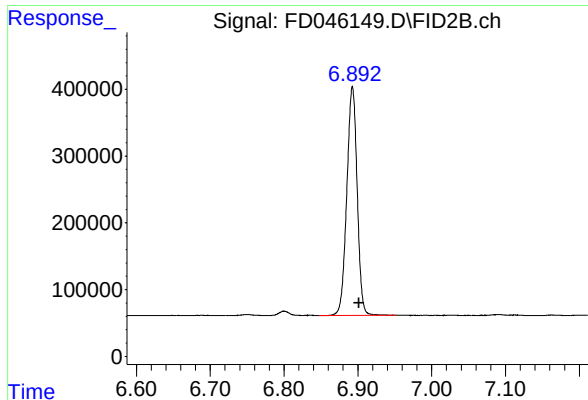
#3 A~Naphthalene (C11.7)

R.T.: 5.844 min
Delta R.T.: -0.008 min
Response: 3529395
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

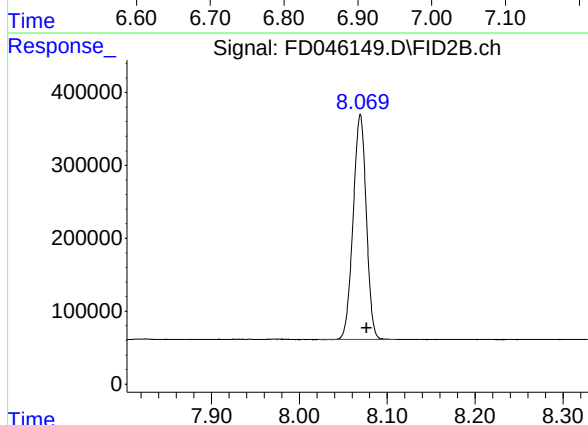
R.T.: 6.286 min
Delta R.T.: -0.007 min
Response: 3269794
Conc: 20.23 ug/ml



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

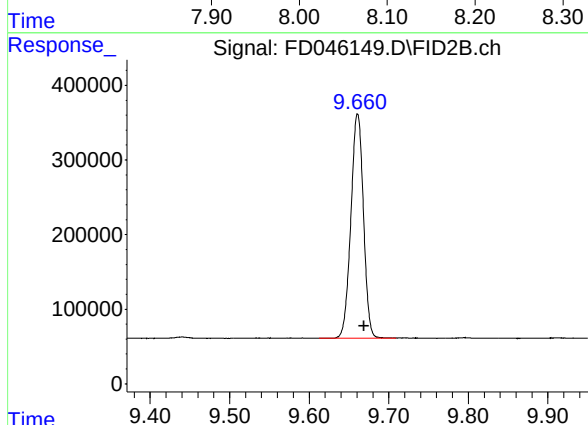
R.T.: 6.893 min
Delta R.T.: -0.009 min
Response: 3344424
Conc: 20.26 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



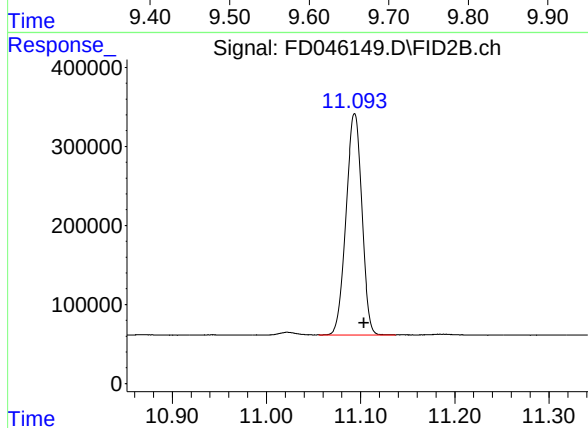
#6 n-Tetradecane (C14)

R.T.: 8.070 min
Delta R.T.: -0.007 min
Response: 3214075
Conc: 20.20 ug/ml



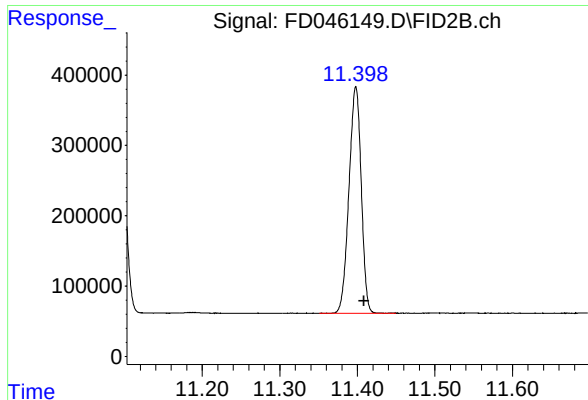
#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: -0.008 min
Response: 3289643
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

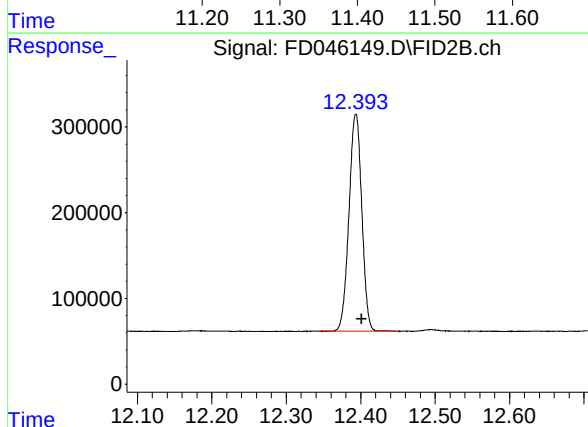
R.T.: 11.094 min
Delta R.T.: -0.010 min
Response: 3270741
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

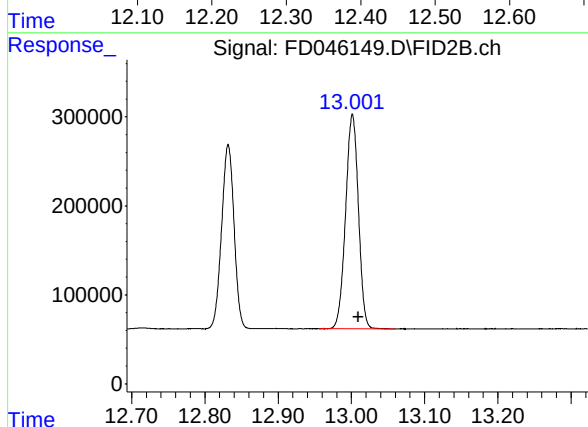
R.T.: 11.398 min
Delta R.T.: -0.010 min
Response: 3540650
Conc: 20.31 ug/ml

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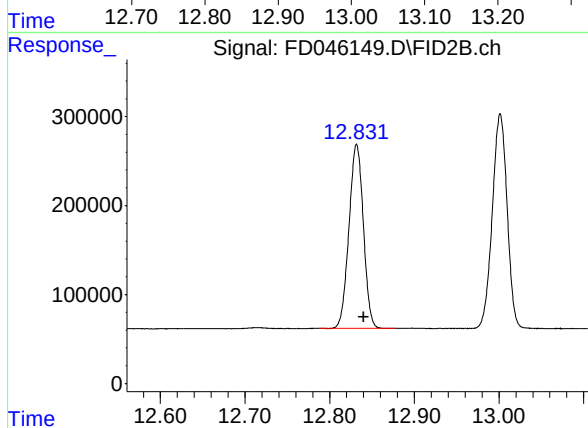
#10 n-Eicosane (C20)

R.T.: 12.394 min
Delta R.T.: -0.008 min
Response: 3035964
Conc: 20.34 ug/ml



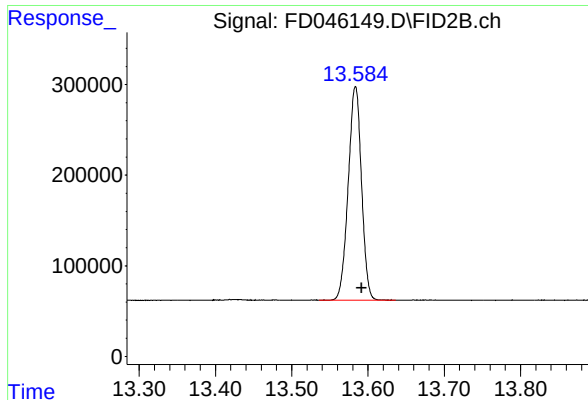
#11 n-Heneicosane (C21)

R.T.: 13.002 min
Delta R.T.: -0.008 min
Response: 2937749
Conc: 20.35 ug/ml



#12 1-chlorooctadecane (SURR)

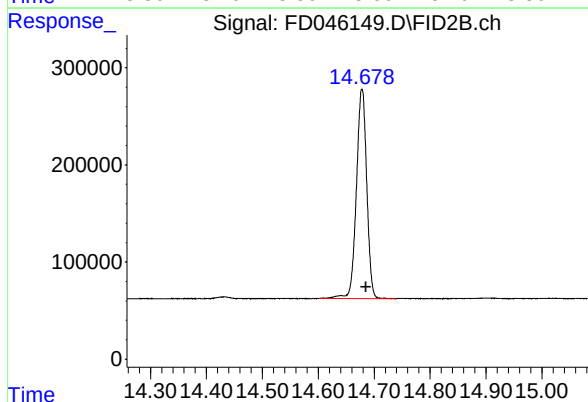
R.T.: 12.832 min
Delta R.T.: -0.008 min
Response: 2444200
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

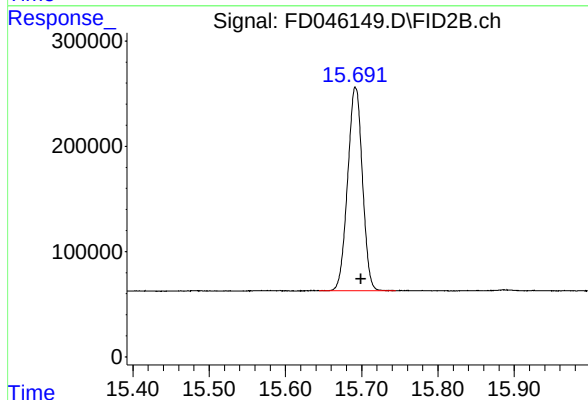
R.T.: 13.584 min
Delta R.T.: -0.008 min
Response: 2849586
Conc: 20.39 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



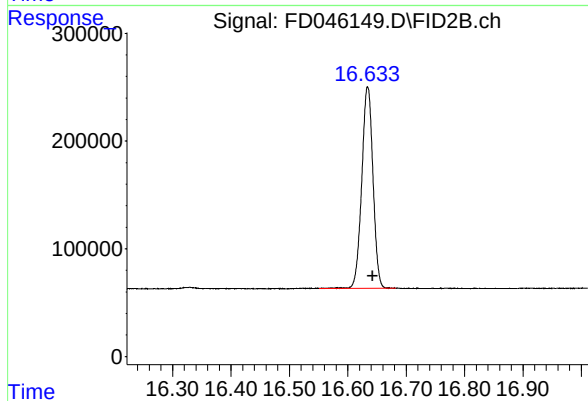
#14 n-Tetracosane (C24)

R.T.: 14.678 min
Delta R.T.: -0.008 min
Response: 2773781
Conc: 20.14 ug/ml



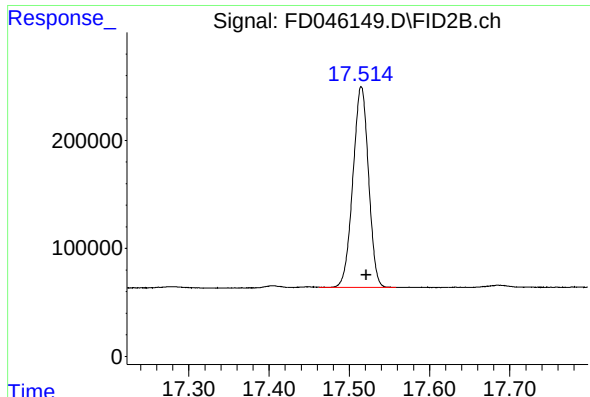
#15 n-Hexacosane (C26)

R.T.: 15.692 min
Delta R.T.: -0.007 min
Response: 2599614
Conc: 20.33 ug/ml



#16 n-Octacosane (C28)

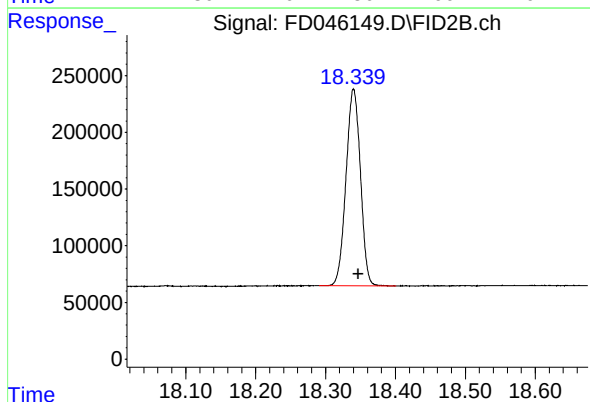
R.T.: 16.634 min
Delta R.T.: -0.008 min
Response: 2488799
Conc: 20.44 ug/ml



#17 n-Tricontane (C30)

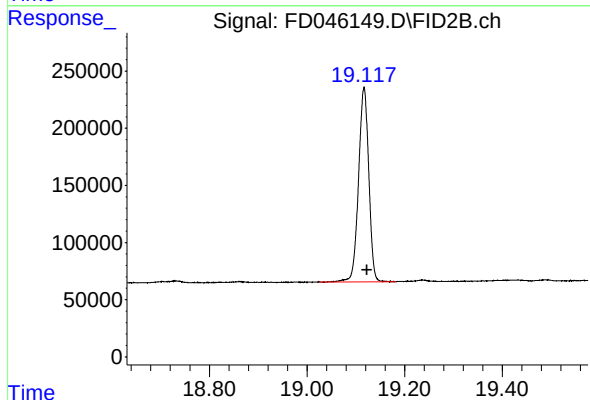
R.T.: 17.515 min
Delta R.T.: -0.007 min
Response: 2511648
Conc: 20.29 ug/ml

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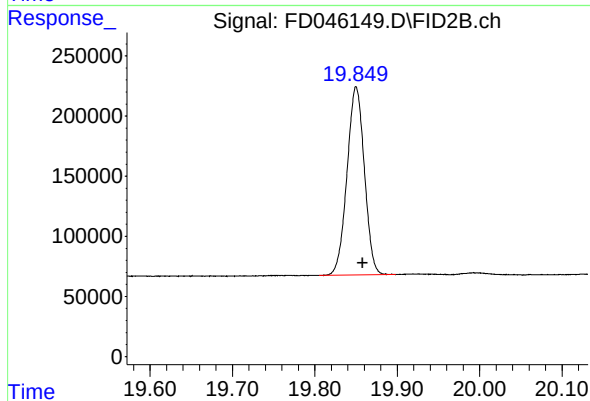
#18 n-Dotriacontane (C32)

R.T.: 18.340 min
Delta R.T.: -0.007 min
Response: 2490062
Conc: 20.39 ug/ml



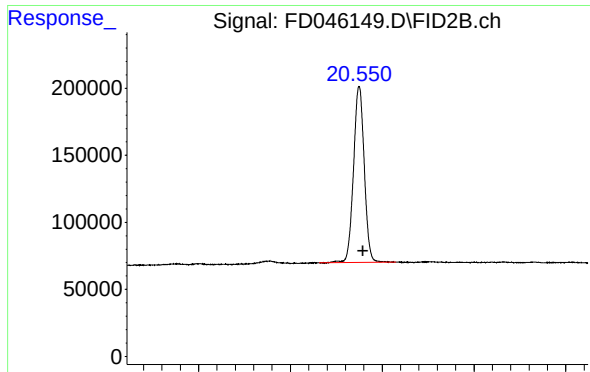
#19 n-Tetatriacontane (C34)

R.T.: 19.117 min
Delta R.T.: -0.006 min
Response: 2479415
Conc: 19.38 ug/ml



#20 n-Hexatriacontane (C36)

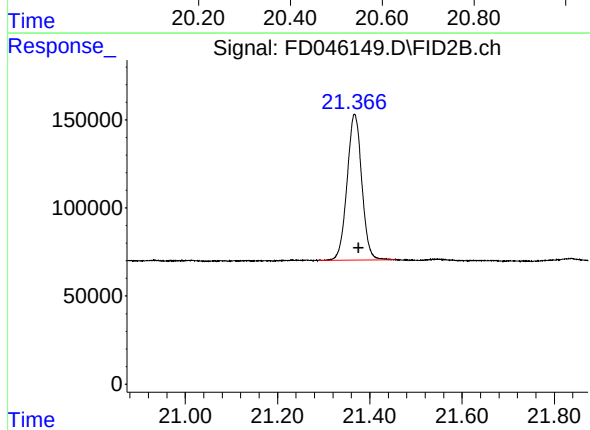
R.T.: 19.850 min
Delta R.T.: -0.008 min
Response: 2291323
Conc: 20.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.550 min
Delta R.T.: -0.008 min
Response: 2143924
Conc: 19.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.367 min
Delta R.T.: -0.009 min
Response: 1831057
Conc: 17.07 ug/ml