

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012420AL\
 Data File : FD032152.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2020 2:10
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 25 03:16:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 2020
 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)	11.535	2758302	19.966 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	12.965	2125377	19.511 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.334	2590726	22.042 ug/ml
2) T n-Decane (C10)	4.397	2622644	22.262 ug/ml
3) T A~Naphthalene (C11.7)	5.975	2949724	22.296 ug/ml
4) T n-Dodecane (C12)	6.407	2648104	22.250 ug/ml
5) T A~2-methylnaphthalene...	7.027	2957043	22.061 ug/ml
6) T n-Tetradecane (C14)	8.193	2643655	21.782 ug/ml
7) T n-Hexadecane (C16)	9.785	2634580	21.256 ug/ml
8) T n-Octadecane (C18)	11.220	2600244	20.591 ug/ml
10) T n-Eicosane (C20)	12.523	2540813	19.912 ug/ml
11) T n-Heneicosane (C21)	13.132	2530313	19.643 ug/ml
13) T n-Docosane (C22)	13.716	2507046	19.488 ug/ml
14) T n-Tetracosane (C24)	14.815	2513396	19.355 ug/ml
15) T n-Hexacosane (C26)	15.830	2493232	19.344 ug/ml
16) T n-Octacosane (C28)	16.775	2490090	19.535 ug/ml
17) T n-Tricontane (C30)	17.659	2411628	19.672 ug/ml
18) T n-Dotriacontane (C32)	18.487	2075421	19.826 ug/ml
19) T n-Tetratriacontane (C34)	19.266	1734210	19.610 ug/ml
20) T n-Hexatriacontane (C36)	20.002	1569127	19.910 ug/ml
21) T n-Octatriacontane (C38)	20.719	1435324	19.466 ug/ml
22) T n-Tetracontane (C40)	21.586	1465187	19.359 ug/ml

(f)=RT Delta > 1/2 Window

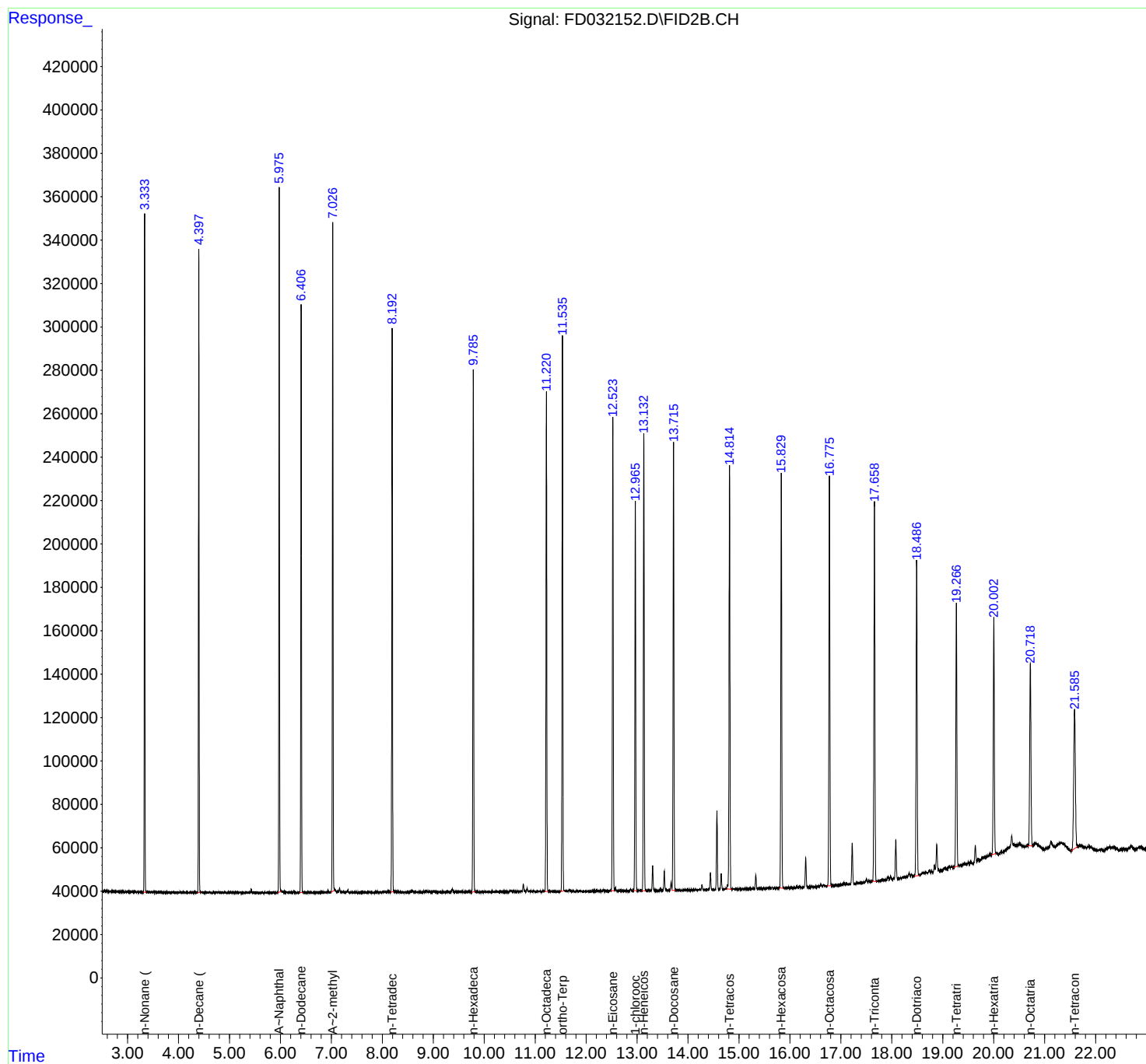
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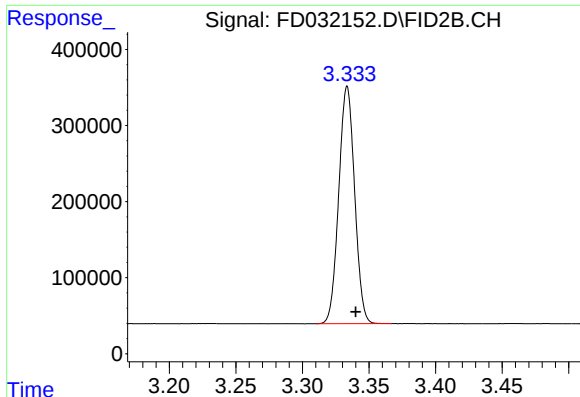
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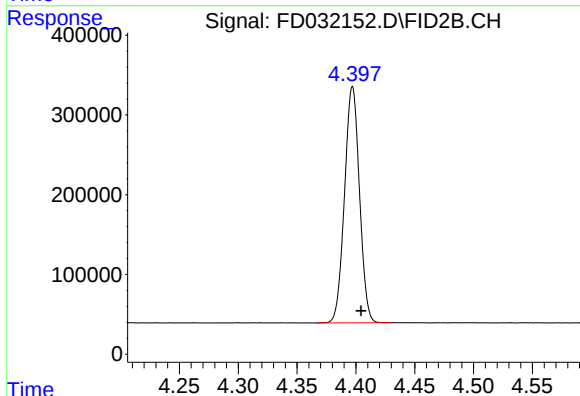




#1 n-Nonane (C9)

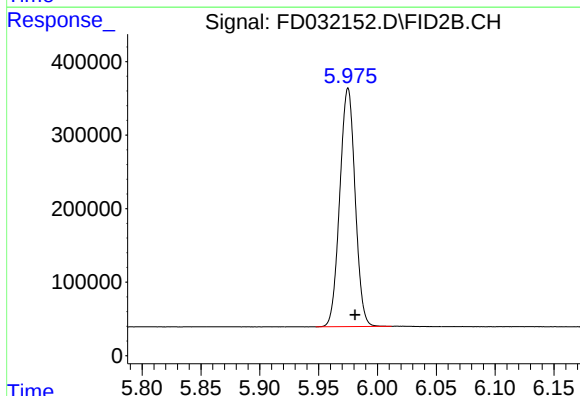
R.T.: 3.334 min
Delta R.T.: -0.006 min
Response: 2590726
Conc: 22.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



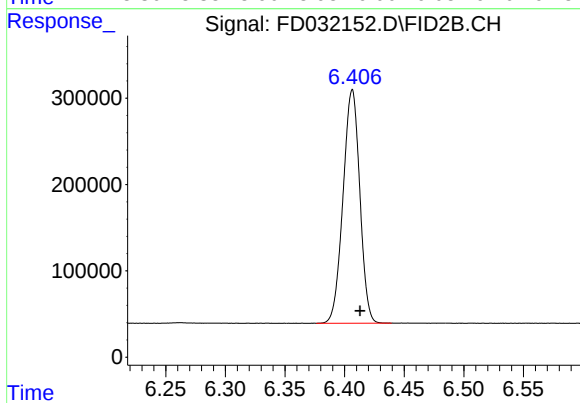
#2 n-Decane (C10)

R.T.: 4.397 min
Delta R.T.: -0.007 min
Response: 2622644
Conc: 22.26 ug/ml



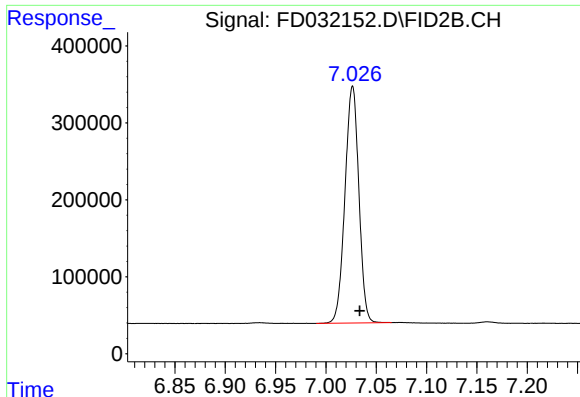
#3 A~Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.006 min
Response: 2949724
Conc: 22.30 ug/ml



#4 n-Dodecane (C12)

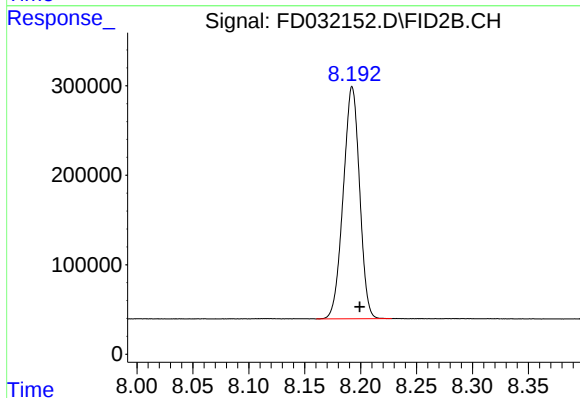
R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 2648104
Conc: 22.25 ug/ml



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

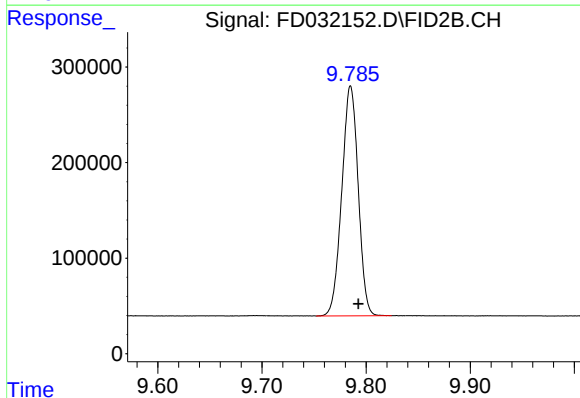
R.T.: 7.027 min
Delta R.T.: -0.007 min
Response: 2957043
Conc: 22.06 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



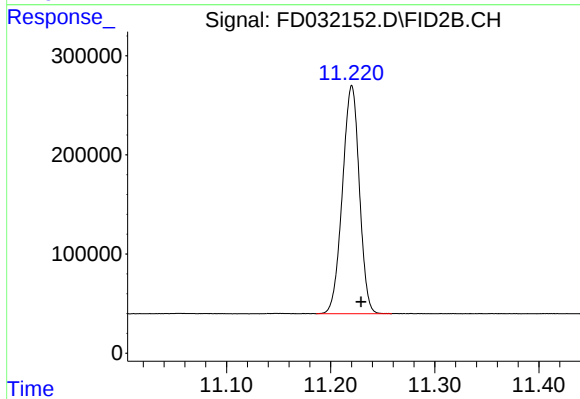
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: -0.007 min
Response: 2643655
Conc: 21.78 ug/ml



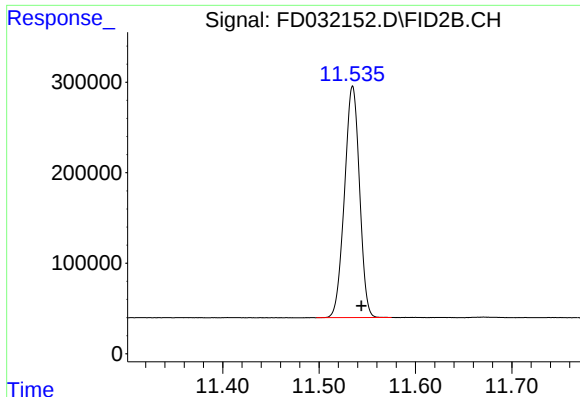
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.008 min
Response: 2634580
Conc: 21.26 ug/ml



#8 n-Octadecane (C18)

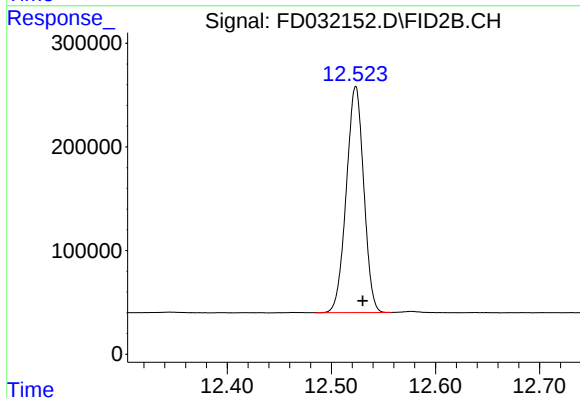
R.T.: 11.220 min
Delta R.T.: -0.009 min
Response: 2600244
Conc: 20.59 ug/ml



#9 ortho-Terphenyl (SURR)

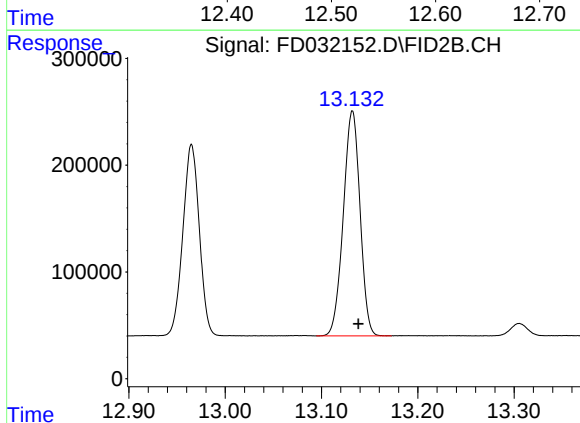
R.T.: 11.535 min
Delta R.T.: -0.009 min
Response: 2758302
Conc: 19.97 ug/ml

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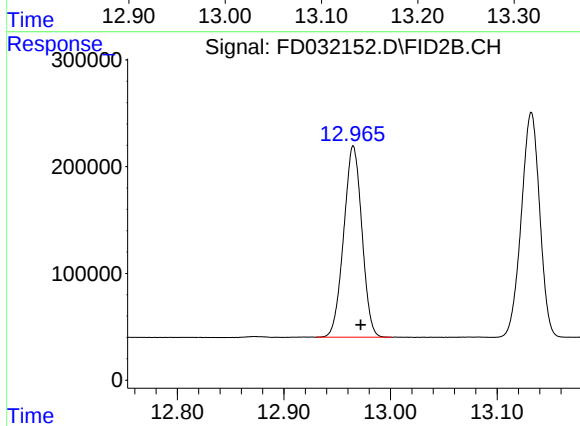
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.007 min
Response: 2540813
Conc: 19.91 ug/ml



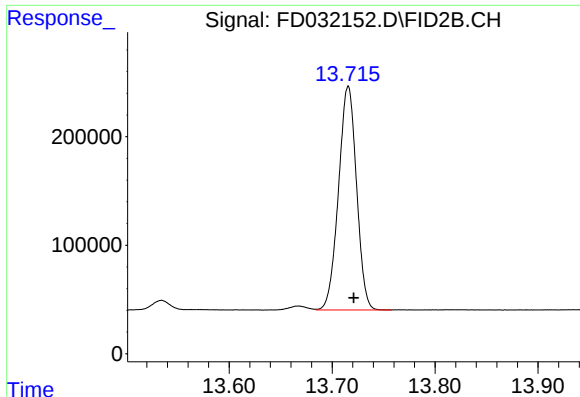
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.006 min
Response: 2530313
Conc: 19.64 ug/ml



#12 1-chlorooctadecane (SURR)

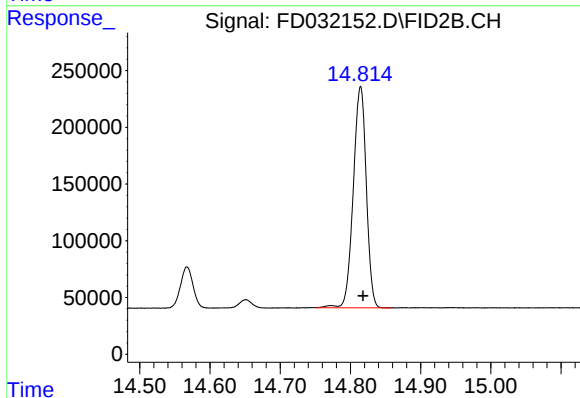
R.T.: 12.965 min
Delta R.T.: -0.007 min
Response: 2125377
Conc: 19.51 ug/ml



#13 n-Docosane (C22)

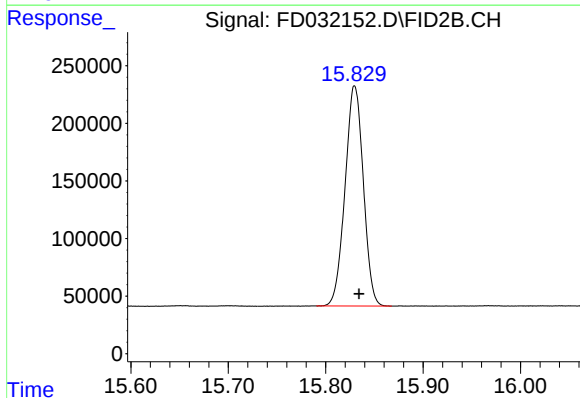
R.T.: 13.716 min
Delta R.T.: -0.005 min
Response: 2507046
Conc: 19.49 ug/ml

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20 PPM ALIPHATIC HC STD



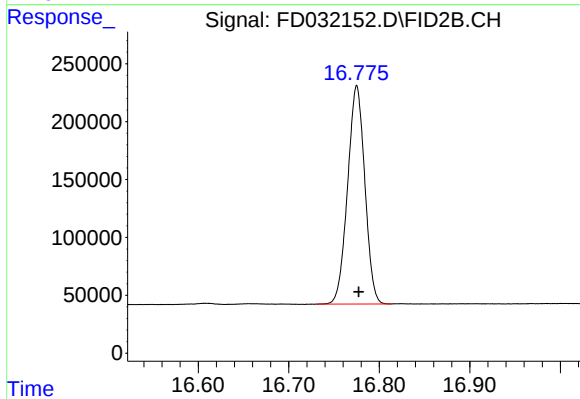
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: -0.004 min
Response: 2513396
Conc: 19.35 ug/ml



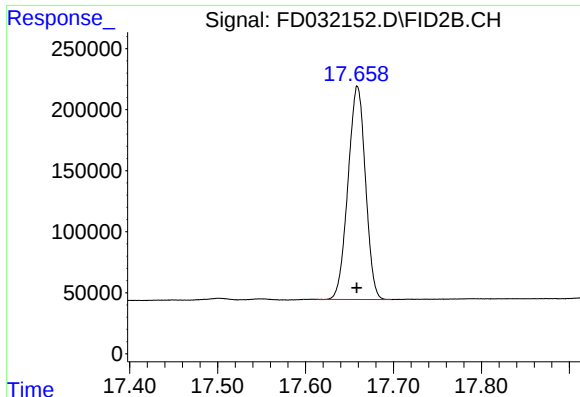
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.005 min
Response: 2493232
Conc: 19.34 ug/ml



#16 n-Octacosane (C28)

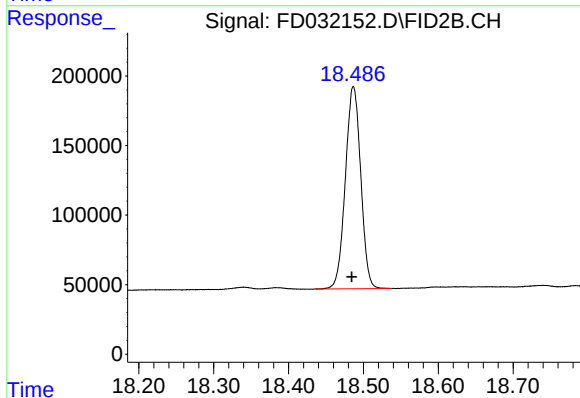
R.T.: 16.775 min
Delta R.T.: -0.002 min
Response: 2490090
Conc: 19.54 ug/ml



#17 n-Tricontane (C30)

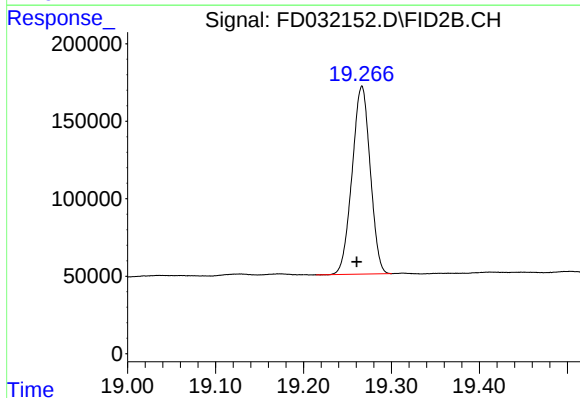
R.T.: 17.659 min
Delta R.T.: 0.001 min
Response: 2411628
Conc: 19.67 ug/ml

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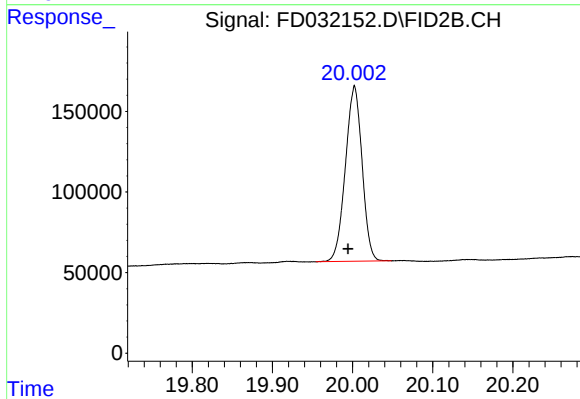
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: 0.002 min
Response: 2075421
Conc: 19.83 ug/ml



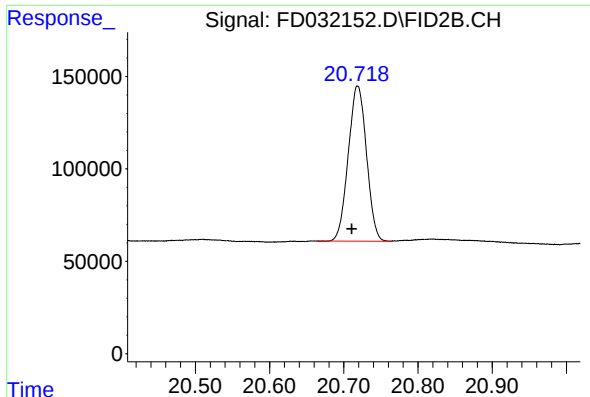
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: 0.006 min
Response: 1734210
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

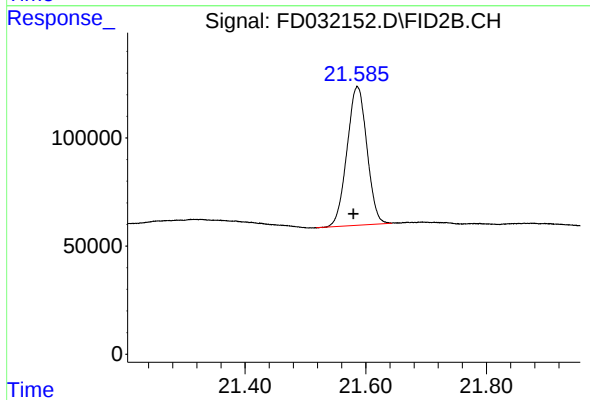
R.T.: 20.002 min
Delta R.T.: 0.008 min
Response: 1569127
Conc: 19.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.719 min
Delta R.T.: 0.008 min
Response: 1435324
Conc: 19.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.586 min
Delta R.T.: 0.007 min
Response: 1465187
Conc: 19.36 ug/ml