

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011720AL\
 Data File : FD032043.D
 Signal(s) : FID2B.CH
 Acq On : 17 Jan 2020 23:45
 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 18 02:34:00 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	2352090	17.026 ug/ml
Spiked Amount 50.000		Recovery =	34.05%
12) S 1-chlorooctadecane (S...	12.965	1789253	16.425 ug/ml
Spiked Amount 50.000		Recovery =	32.85%
Target Compounds			
1) T n-Nonane (C9)	3.335	2208792	18.793 ug/ml
2) T n-Decane (C10)	4.399	2225537	18.891 ug/ml
3) T A~Naphthalene (C11.7)	5.977	2493739	18.849 ug/ml
4) T n-Dodecane (C12)	6.408	2251249	18.916 ug/ml
5) T A~2-methylnaphthalene...	7.028	2506092	18.697 ug/ml
6) T n-Tetradecane (C14)	8.194	2245961	18.505 ug/ml
7) T n-Hexadecane (C16)	9.786	2231861	18.007 ug/ml
8) T n-Octadecane (C18)	11.220	2204349	17.456 ug/ml
10) T n-Eicosane (C20)	12.523	2155570	16.893 ug/ml
11) T n-Heneicosane (C21)	13.131	2140320	16.616 ug/ml
13) T n-Docosane (C22)	13.714	2103317	16.350 ug/ml
14) T n-Tetracosane (C24)	14.811	2054700	15.823 ug/ml
15) T n-Hexacosane (C26)	15.827	1989521	15.436 ug/ml
16) T n-Octacosane (C28)	16.772	1938596	15.209 ug/ml
17) T n-Tricontane (C30)	17.655	1865493	15.217 ug/ml
18) T n-Dotriacontane (C32)	18.482	1596775	15.253 ug/ml
19) T n-Tetratriacontane (C34)	19.261	1377769	15.579 ug/ml
20) T n-Hexatriacontane (C36)	19.997	1287885	16.341 ug/ml
21) T n-Octatriacontane (C38)	20.713	1260566	17.096 ug/ml
22) T n-Tetracontane (C40)	21.579	1304779	17.239 ug/ml

(f)=RT Delta > 1/2 Window

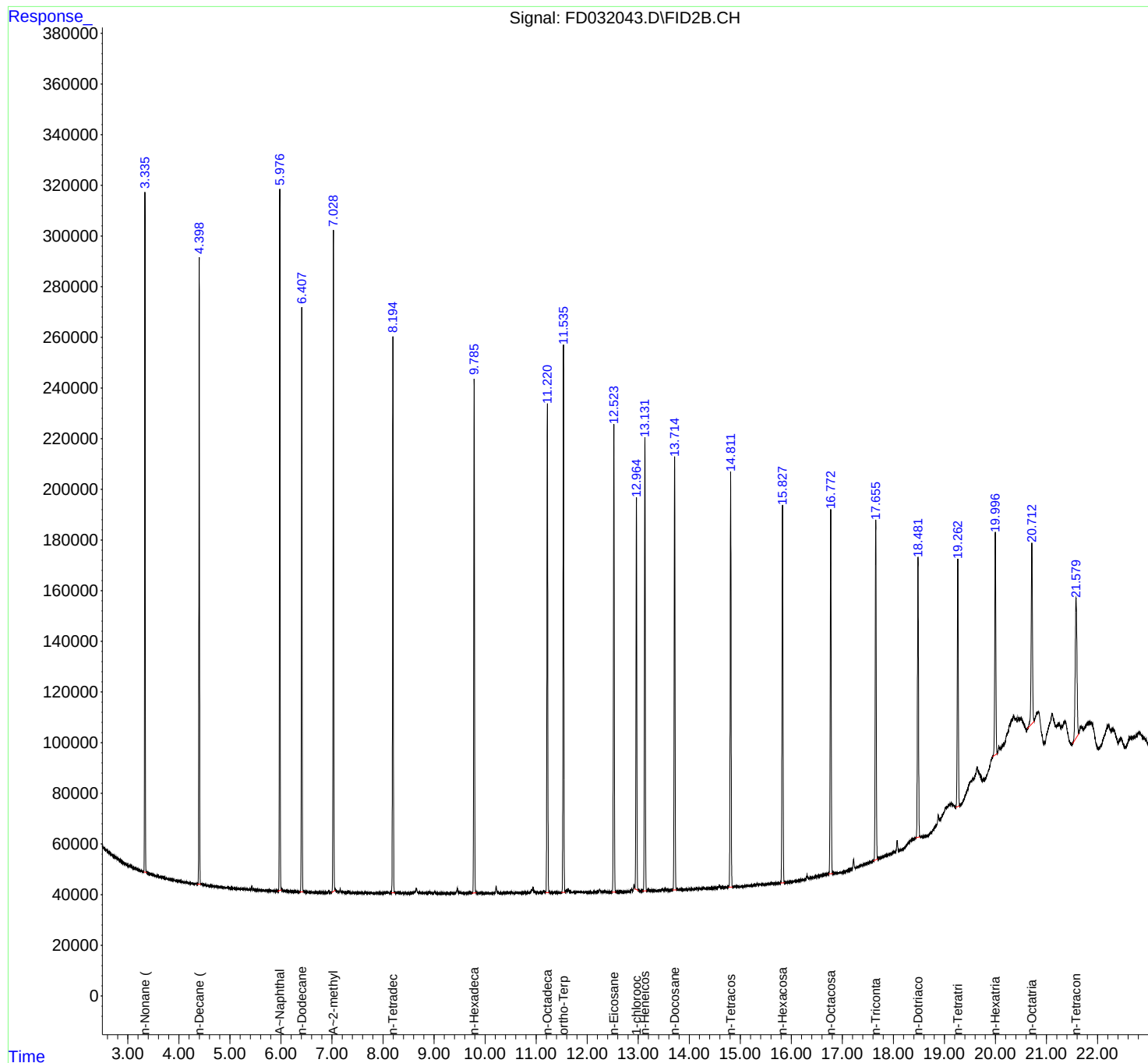
(m)=manual int.

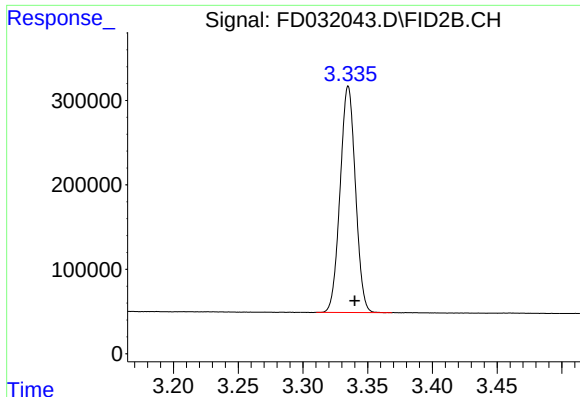
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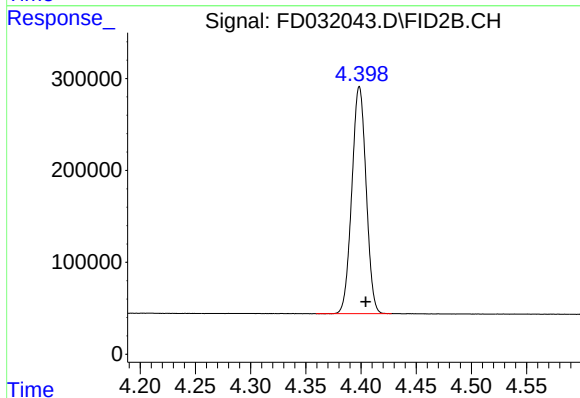




#1 n-Nonane (C9)

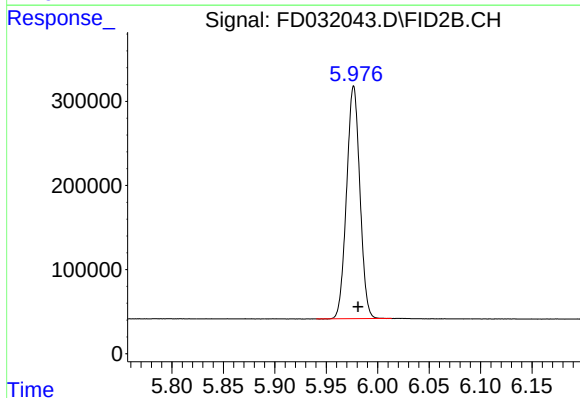
R.T.: 3.335 min
Delta R.T.: -0.005 min
Response: 2208792
Conc: 18.79 ug/ml

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20 PPM ALIPHATIC HC STD



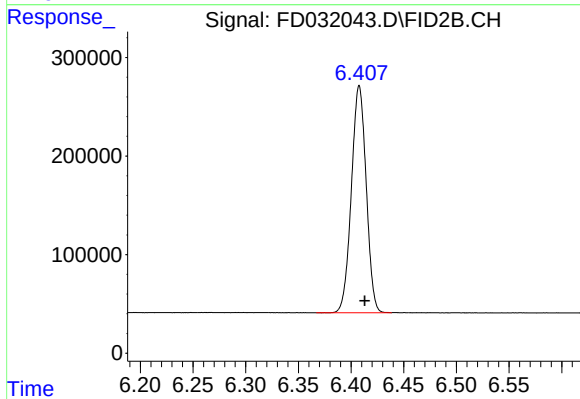
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: -0.006 min
Response: 222537
Conc: 18.89 ug/ml



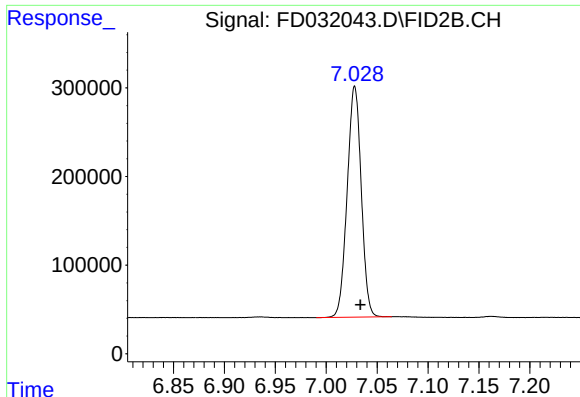
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.004 min
Response: 2493739
Conc: 18.85 ug/ml



#4 n-Dodecane (C12)

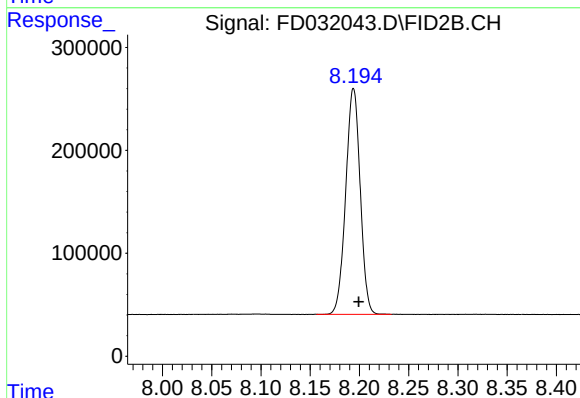
R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 2251249
Conc: 18.92 ug/ml



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

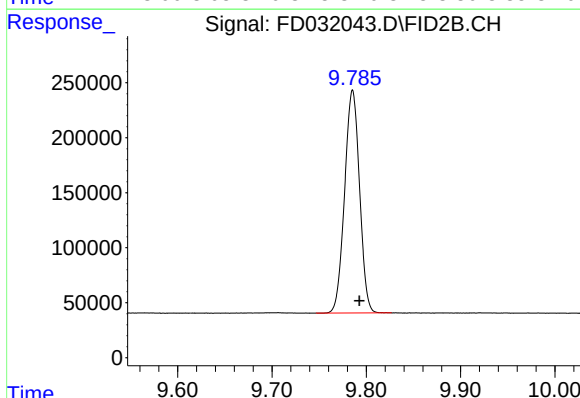
R.T.: 7.028 min
Delta R.T.: -0.005 min
Response: 2506092
Conc: 18.70 ug/ml

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20 PPM ALIPHATIC HC STD



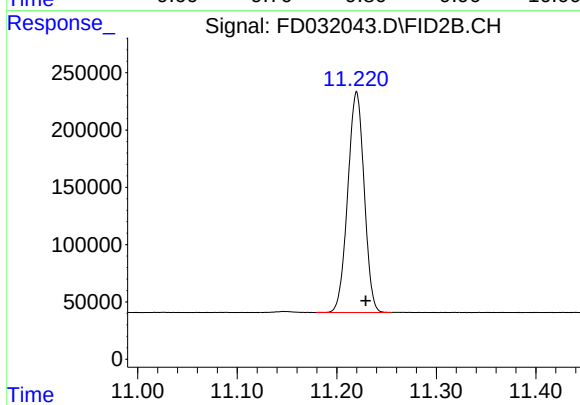
#6 n-Tetradecane (C14)

R.T.: 8.194 min
Delta R.T.: -0.005 min
Response: 2245961
Conc: 18.51 ug/ml



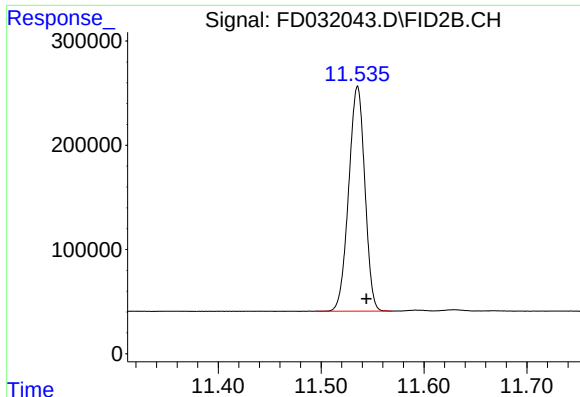
#7 n-Hexadecane (C16)

R.T.: 9.786 min
Delta R.T.: -0.007 min
Response: 2231861
Conc: 18.01 ug/ml



#8 n-Octadecane (C18)

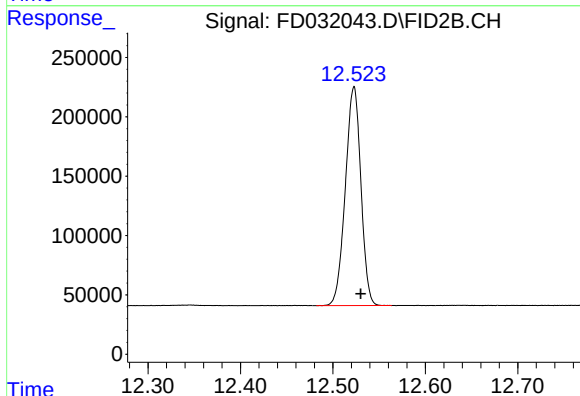
R.T.: 11.220 min
Delta R.T.: -0.009 min
Response: 2204349
Conc: 17.46 ug/ml



#9 ortho-Terphenyl (SURR)

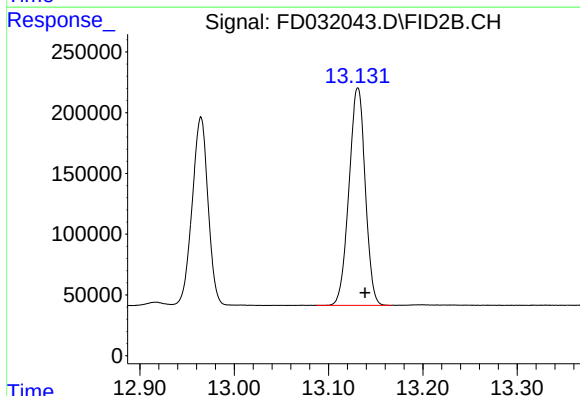
R.T.: 11.535 min
Delta R.T.: -0.009 min
Response: 2352090
Conc: 17.03 ug/ml

Instrument :
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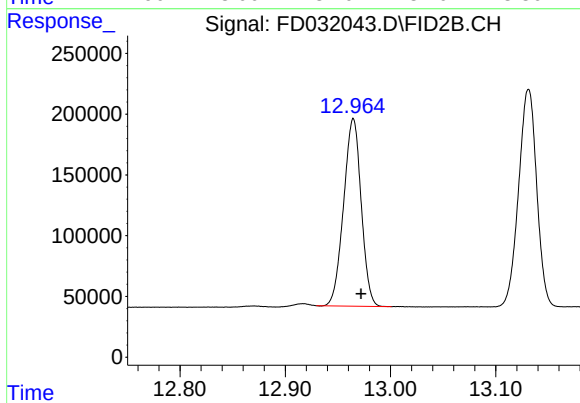
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.007 min
Response: 2155570
Conc: 16.89 ug/ml



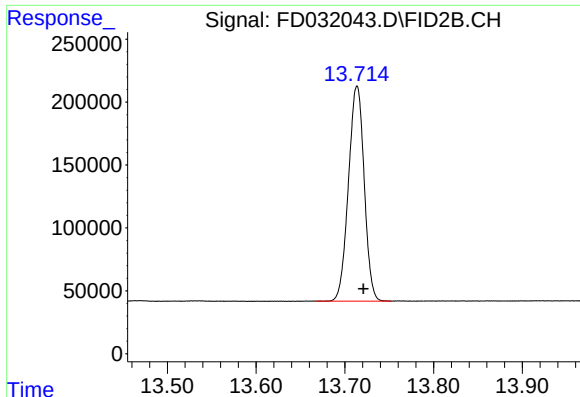
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.007 min
Response: 2140320
Conc: 16.62 ug/ml



#12 1-chlorooctadecane (SURR)

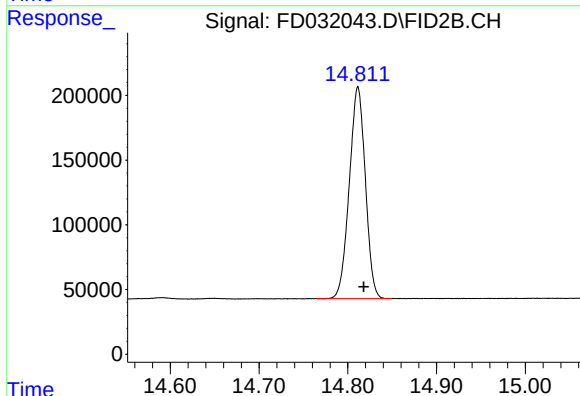
R.T.: 12.965 min
Delta R.T.: -0.007 min
Response: 1789253
Conc: 16.43 ug/ml



#13 n-Docosane (C22)

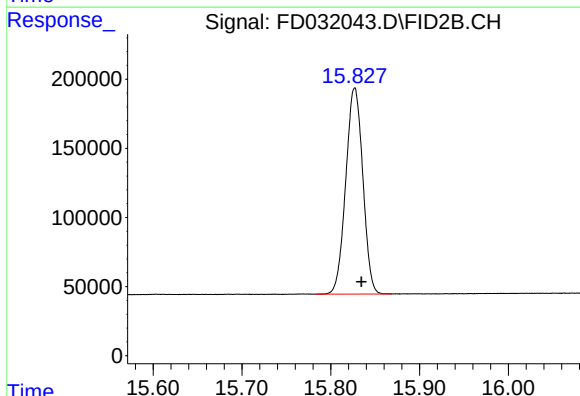
R.T.: 13.714 min
Delta R.T.: -0.007 min
Response: 2103317
Conc: 16.35 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



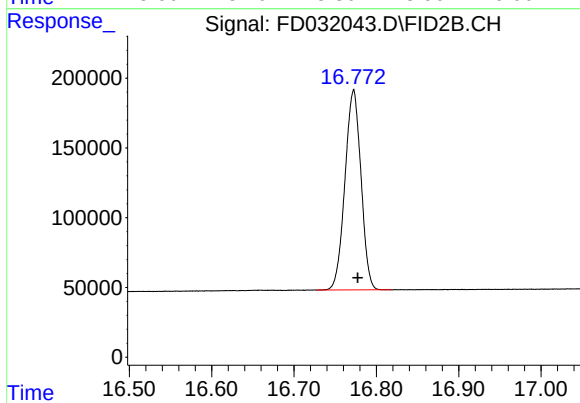
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.007 min
Response: 2054700
Conc: 15.82 ug/ml



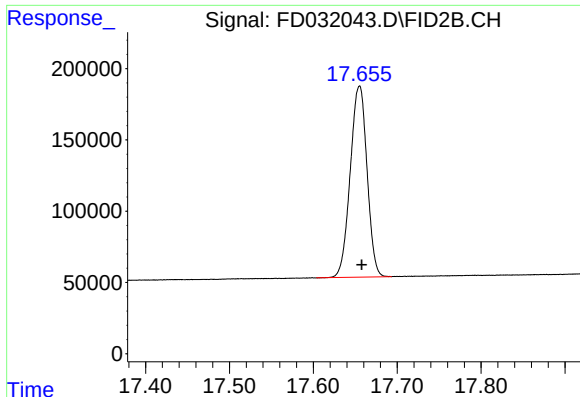
#15 n-Hexacosane (C26)

R.T.: 15.827 min
Delta R.T.: -0.007 min
Response: 1989521
Conc: 15.44 ug/ml



#16 n-Octacosane (C28)

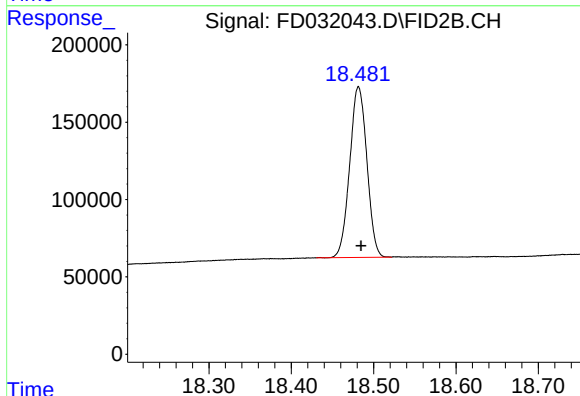
R.T.: 16.772 min
Delta R.T.: -0.005 min
Response: 1938596
Conc: 15.21 ug/ml



#17 n-Tricontane (C30)

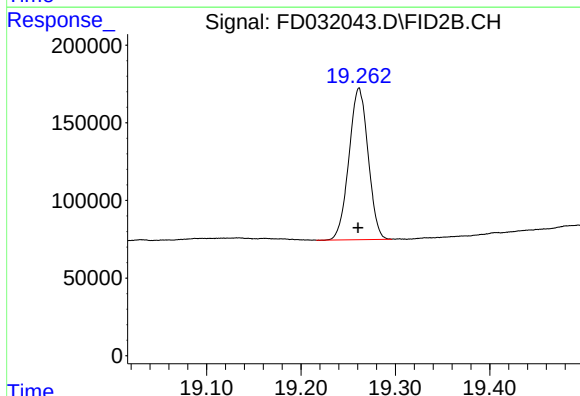
R.T.: 17.655 min
Delta R.T.: -0.003 min
Response: 1865493
Conc: 15.22 ug/ml

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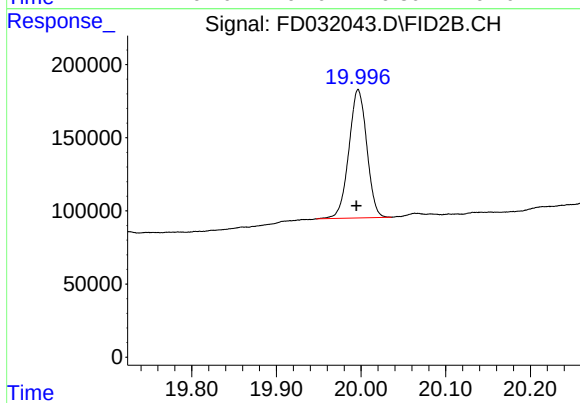
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: -0.003 min
Response: 1596775
Conc: 15.25 ug/ml



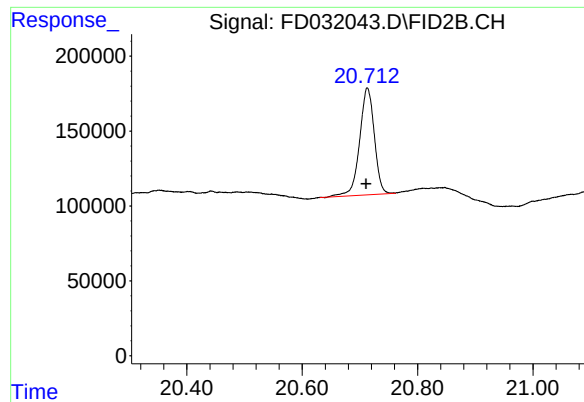
#19 n-Tetratriacontane (C34)

R.T.: 19.261 min
Delta R.T.: 0.000 min
Response: 1377769
Conc: 15.58 ug/ml



#20 n-Hexatriacontane (C36)

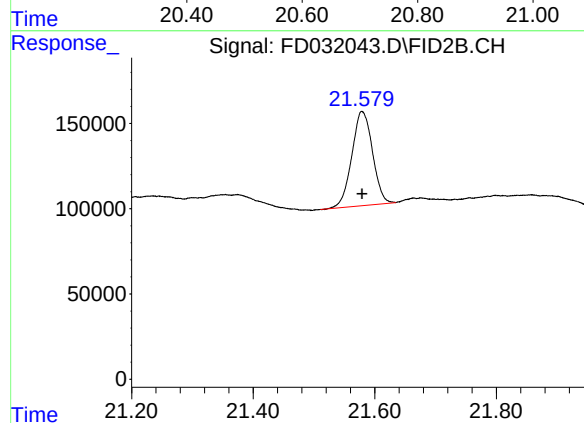
R.T.: 19.997 min
Delta R.T.: 0.002 min
Response: 1287885
Conc: 16.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: 0.002 min
Response: 1260566
Conc: 17.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: 0.000 min
Response: 1304779
Conc: 17.24 ug/ml