

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031119AL\
 Data File : FD028199.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2019 22:56
 Operator : AJ\SJ
 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: Mar 12 02:04:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030519.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 06 03:32:11 2019
 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	2612156	18.769 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
12) S 1-chlorooctadecane (S...	12.644	1944490	18.104 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
Target Compounds			
1) T n-Nonane (C9)	3.045	1887589	20.653 ug/ml
2) T n-Decane (C10)	4.100	1936048	20.763 ug/ml
3) T A~Naphthalene (C11.7)	5.650	2240551	21.252 ug/ml
4) T n-Dodecane (C12)	6.103	1979641	20.972 ug/ml
5) T A~2-methylnaphthalene...	6.699	2272270	21.208 ug/ml
6) T n-Tetradecane (C14)	7.885	2049326	20.983 ug/ml
7) T n-Hexadecane (C16)	9.475	2075182	20.474 ug/ml
8) T n-Octadecane (C18)	10.907	2071866	19.575 ug/ml
10) T n-Eicosane (C20)	12.207	2024808	18.789 ug/ml
11) T n-Heneicosane (C21)	12.815	1978077	18.606 ug/ml
13) T n-Docosane (C22)	13.397	1949269	18.260 ug/ml
14) T n-Tetracosane (C24)	14.492	1893241	17.989 ug/ml
15) T n-Hexacosane (C26)	15.505	1840044	18.019 ug/ml
16) T n-Octacosane (C28)	16.449	1819144	18.345 ug/ml
17) T n-Tricontane (C30)	17.328	1791512	18.971 ug/ml
18) T n-Dotriacontane (C32)	18.154	1721598	19.960 ug/ml
19) T n-Tetratriacontane (C34)	18.931	1526463	20.502 ug/ml
20) T n-Hexatriacontane (C36)	19.666	1344967	20.874 ug/ml
21) T n-Octatriacontane (C38)	20.359	1259792	20.914 ug/ml
22) T n-Tetracontane (C40)	21.123	1222712	20.656 ug/ml

(f)=RT Delta > 1/2 Window

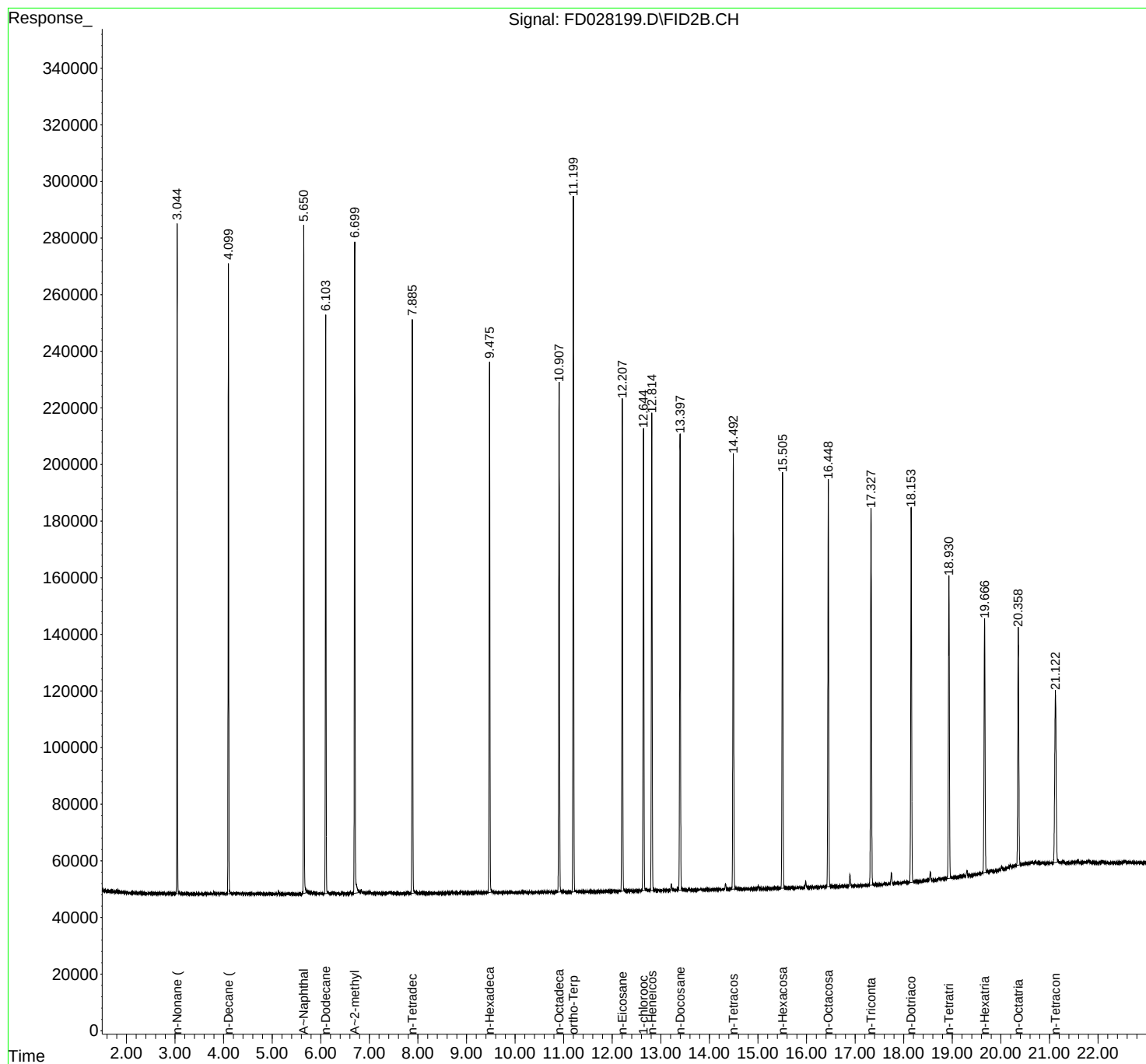
(m)=manual int.

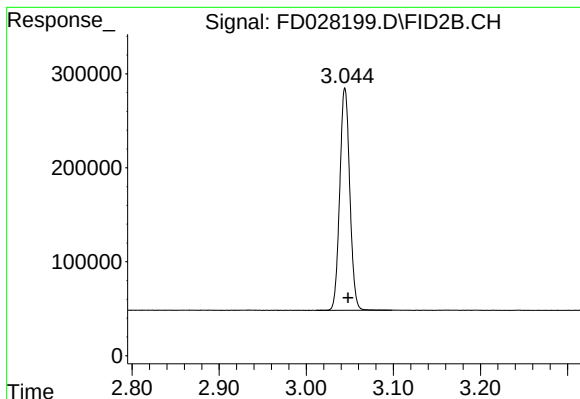
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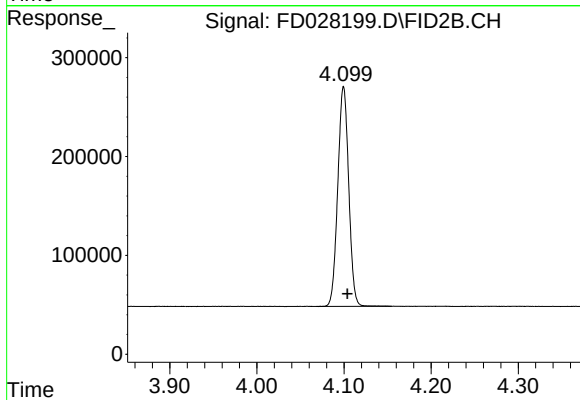




#1 n-Nonane (C9)

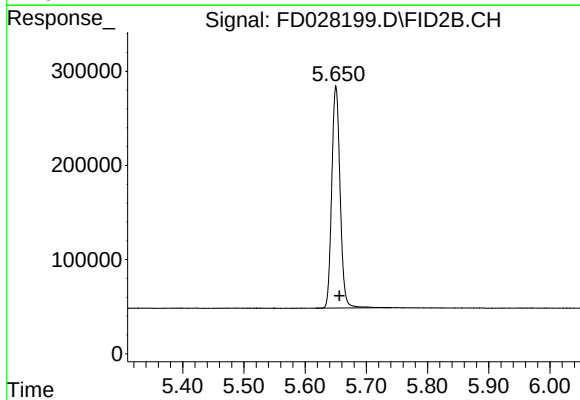
R.T.: 3.045 min
Delta R.T.: -0.003 min
Response: 1887589
Conc: 20.65 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



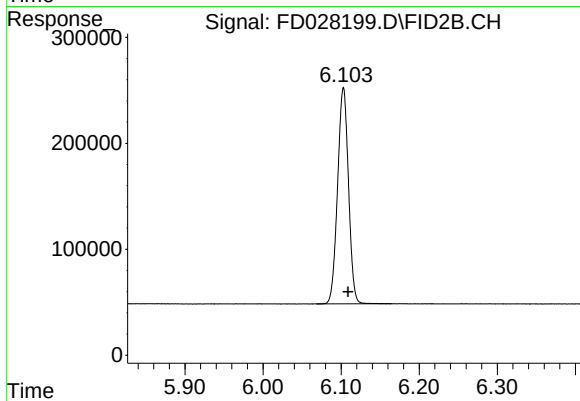
#2 n-Decane (C10)

R.T.: 4.100 min
Delta R.T.: -0.004 min
Response: 1936048
Conc: 20.76 ug/ml



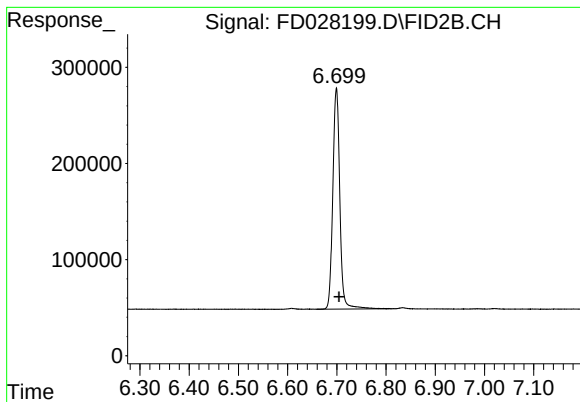
#3 A~Naphthalene (C11.7)

R.T.: 5.650 min
Delta R.T.: -0.006 min
Response: 2240551
Conc: 21.25 ug/ml



#4 n-Dodecane (C12)

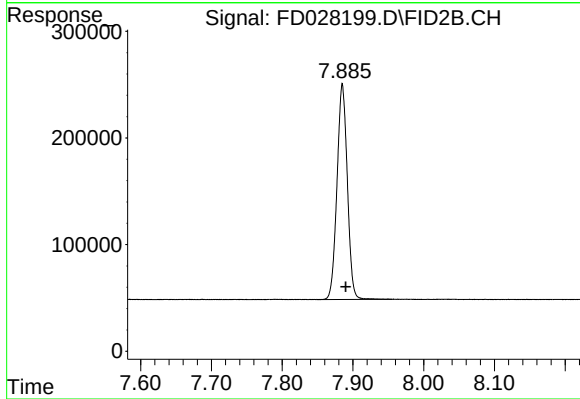
R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 1979641
Conc: 20.97 ug/ml



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

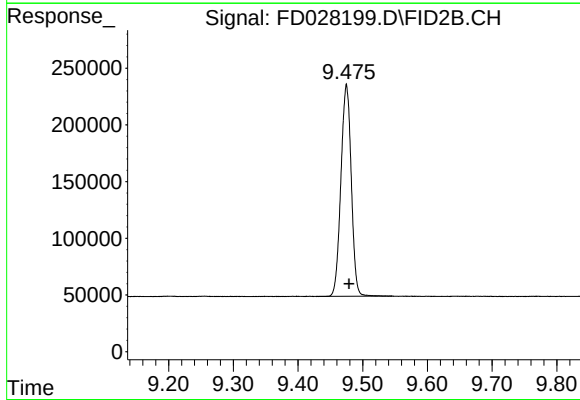
R.T.: 6.699 min
Delta R.T.: -0.006 min
Response: 2272270
Conc: 21.21 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



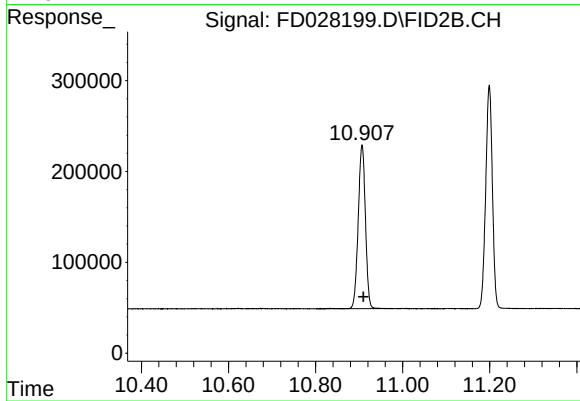
#6 n-Tetradecane (C14)

R.T.: 7.885 min
Delta R.T.: -0.005 min
Response: 2049326
Conc: 20.98 ug/ml



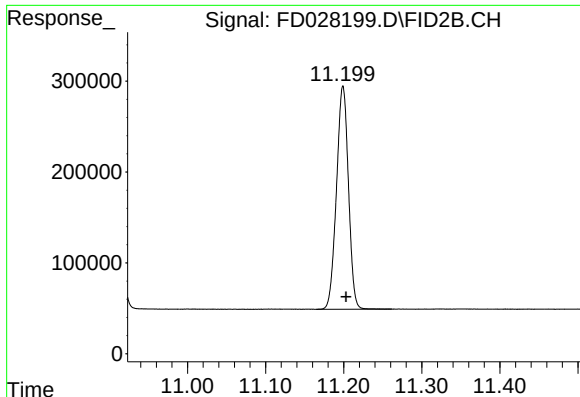
#7 n-Hexadecane (C16)

R.T.: 9.475 min
Delta R.T.: -0.004 min
Response: 2075182
Conc: 20.47 ug/ml



#8 n-Octadecane (C18)

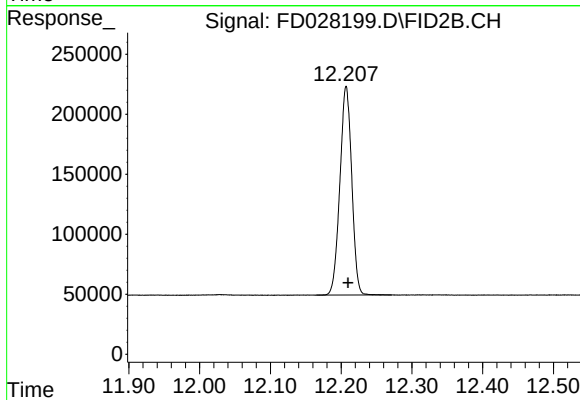
R.T.: 10.907 min
Delta R.T.: -0.003 min
Response: 2071866
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURR)

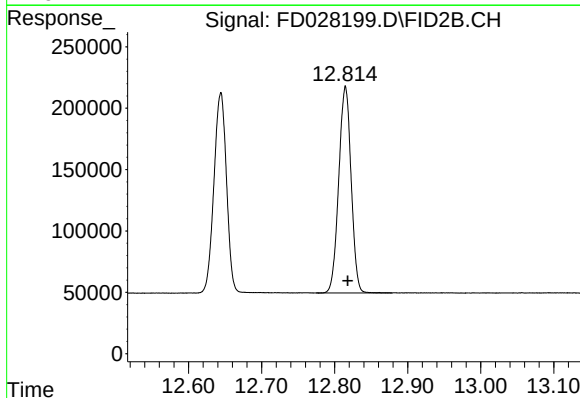
R.T.: 11.199 min
Delta R.T.: -0.004 min
Response: 2612156
Conc: 18.77 ug/ml

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20 PPM ALIPHATIC HC STD



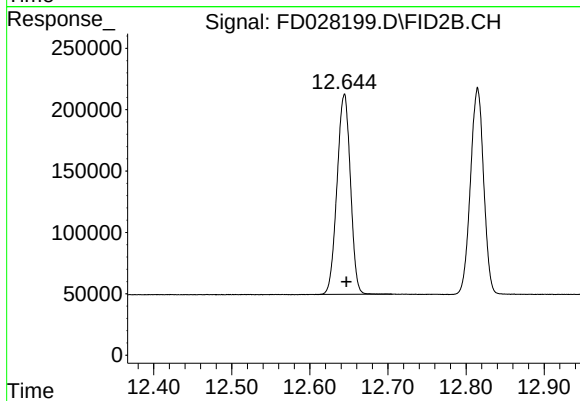
#10 n-Eicosane (C20)

R.T.: 12.207 min
Delta R.T.: -0.002 min
Response: 2024808
Conc: 18.79 ug/ml



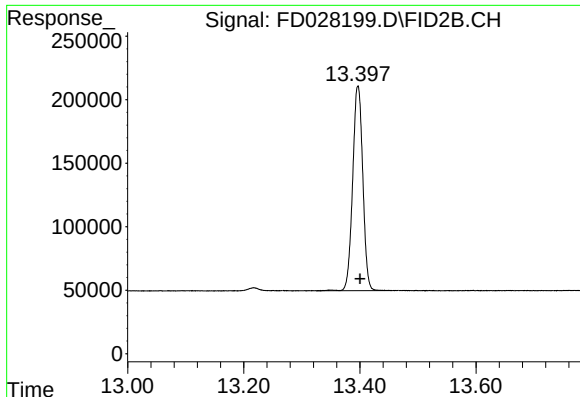
#11 n-Heneicosane (C21)

R.T.: 12.815 min
Delta R.T.: -0.003 min
Response: 1978077
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

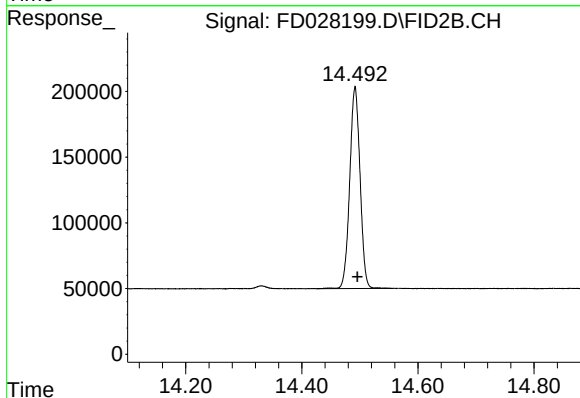
R.T.: 12.644 min
Delta R.T.: -0.003 min
Response: 1944490
Conc: 18.10 ug/ml



#13 n-Docosane (C22)

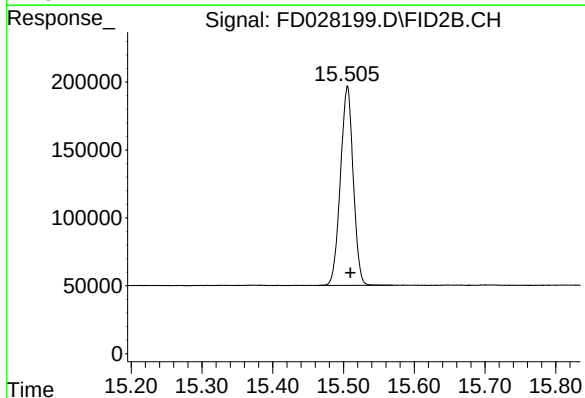
R.T.: 13.397 min
Delta R.T.: -0.003 min
Response: 1949269
Conc: 18.26 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



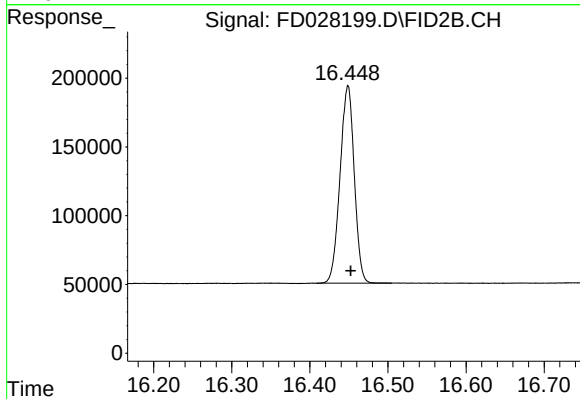
#14 n-Tetracosane (C24)

R.T.: 14.492 min
Delta R.T.: -0.004 min
Response: 1893241
Conc: 17.99 ug/ml



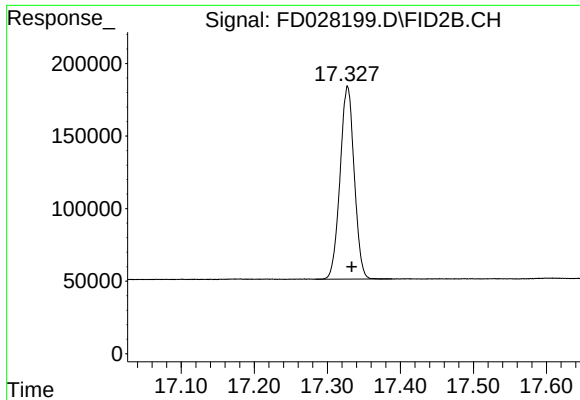
#15 n-Hexacosane (C26)

R.T.: 15.505 min
Delta R.T.: -0.005 min
Response: 1840044
Conc: 18.02 ug/ml



#16 n-Octacosane (C28)

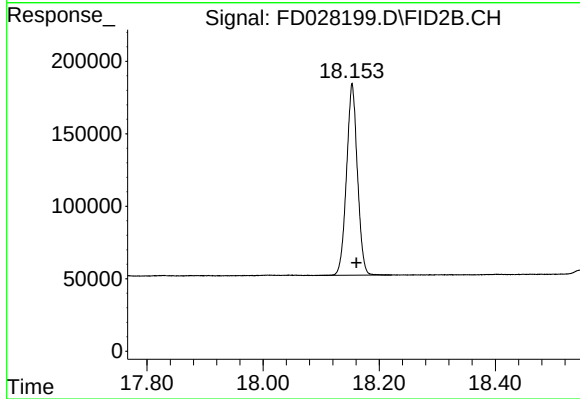
R.T.: 16.449 min
Delta R.T.: -0.004 min
Response: 1819144
Conc: 18.35 ug/ml



#17 n-Tricontane (C30)

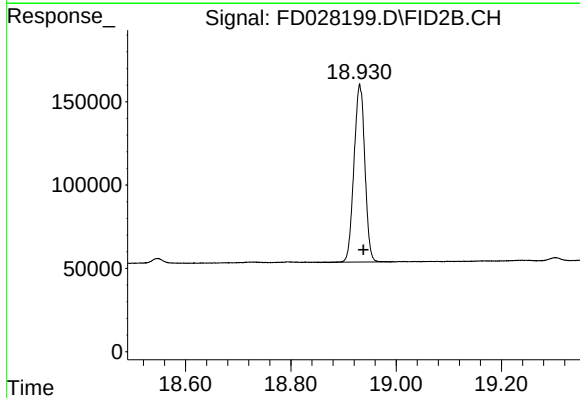
R.T.: 17.328 min
Delta R.T.: -0.006 min
Response: 1791512
Conc: 18.97 ug/ml

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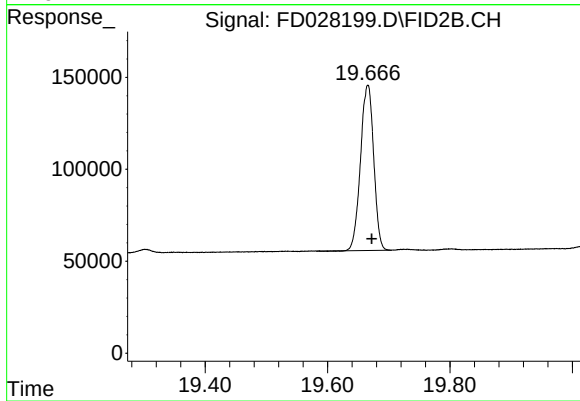
#18 n-Dotriacontane (C32)

R.T.: 18.154 min
Delta R.T.: -0.007 min
Response: 1721598
Conc: 19.96 ug/ml



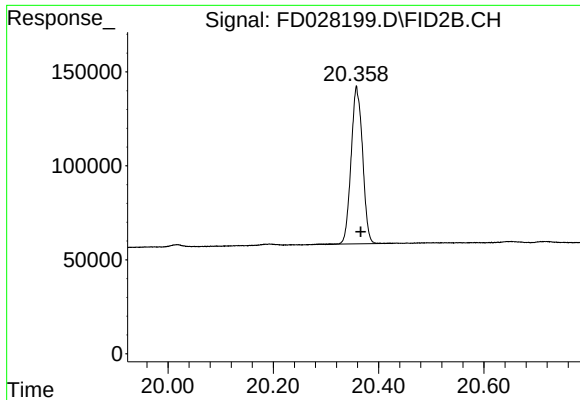
#19 n-Tetratriacontane (C34)

R.T.: 18.931 min
Delta R.T.: -0.006 min
Response: 1526463
Conc: 20.50 ug/ml



#20 n-Hexatriacontane (C36)

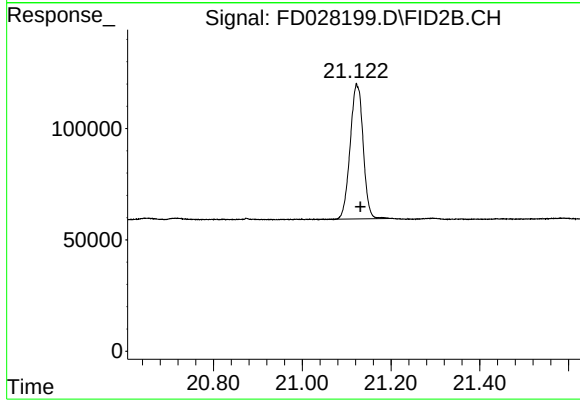
R.T.: 19.666 min
Delta R.T.: -0.006 min
Response: 1344967
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.359 min
Delta R.T.: -0.008 min
Response: 1259792
Conc: 20.91 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.123 min
Delta R.T.: -0.008 min
Response: 1222712
Conc: 20.66 ug/ml