

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110719AL\
 Data File : FD031378.D
 Signal(s) : FID2B.CH
 Acq On : 07 Nov 2019 19:48
 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: Nov 08 00:20:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 06:45:13 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)	11.539	3294324	21.650 ug/ml
Spiked Amount 50.000		Recovery =	43.30%
12) S 1-chlorooctadecane (S...	12.969	2454004	21.596 ug/ml
Spiked Amount 50.000		Recovery =	43.19%
Target Compounds			
1) T n-Nonane (C9)	3.331	2889461	21.781 ug/ml
2) T n-Decane (C10)	4.396	2923178	21.917 ug/ml
3) T A~Naphthalene (C11.7)	5.973	3271603	21.843 ug/ml
4) T n-Dodecane (C12)	6.408	2948417	21.893 ug/ml
5) T A~2-methylnaphthalene...	7.025	3317322	21.887 ug/ml
6) T n-Tetradecane (C14)	8.195	2944421	21.851 ug/ml
7) T n-Hexadecane (C16)	9.789	2927424	21.834 ug/ml
8) T n-Octadecane (C18)	11.225	2919031	21.885 ug/ml
10) T n-Eicosane (C20)	12.528	2884142	21.865 ug/ml
11) T n-Heneicosane (C21)	13.137	2865977	21.658 ug/ml
13) T n-Docosane (C22)	13.719	2886218	21.981 ug/ml
14) T n-Tetracosane (C24)	14.818	2931645	22.404 ug/ml
15) T n-Hexacosane (C26)	15.833	2981939	23.082 ug/ml
16) T n-Octacosane (C28)	16.778	2994099	23.398 ug/ml
17) T n-Tricontane (C30)	17.661	2977488	23.343 ug/ml
18) T n-Dotriacontane (C32)	18.488	2805041	22.738 ug/ml
19) T n-Tetratriacontane (C34)	19.267	2604730	21.775 ug/ml
20) T n-Hexatriacontane (C36)	20.003	2416163	21.170 ug/ml
21) T n-Octatriacontane (C38)	20.720	2267910	21.593 ug/ml
22) T n-Tetracontane (C40)	21.592	2340231	21.793 ug/ml

(f)=RT Delta > 1/2 Window

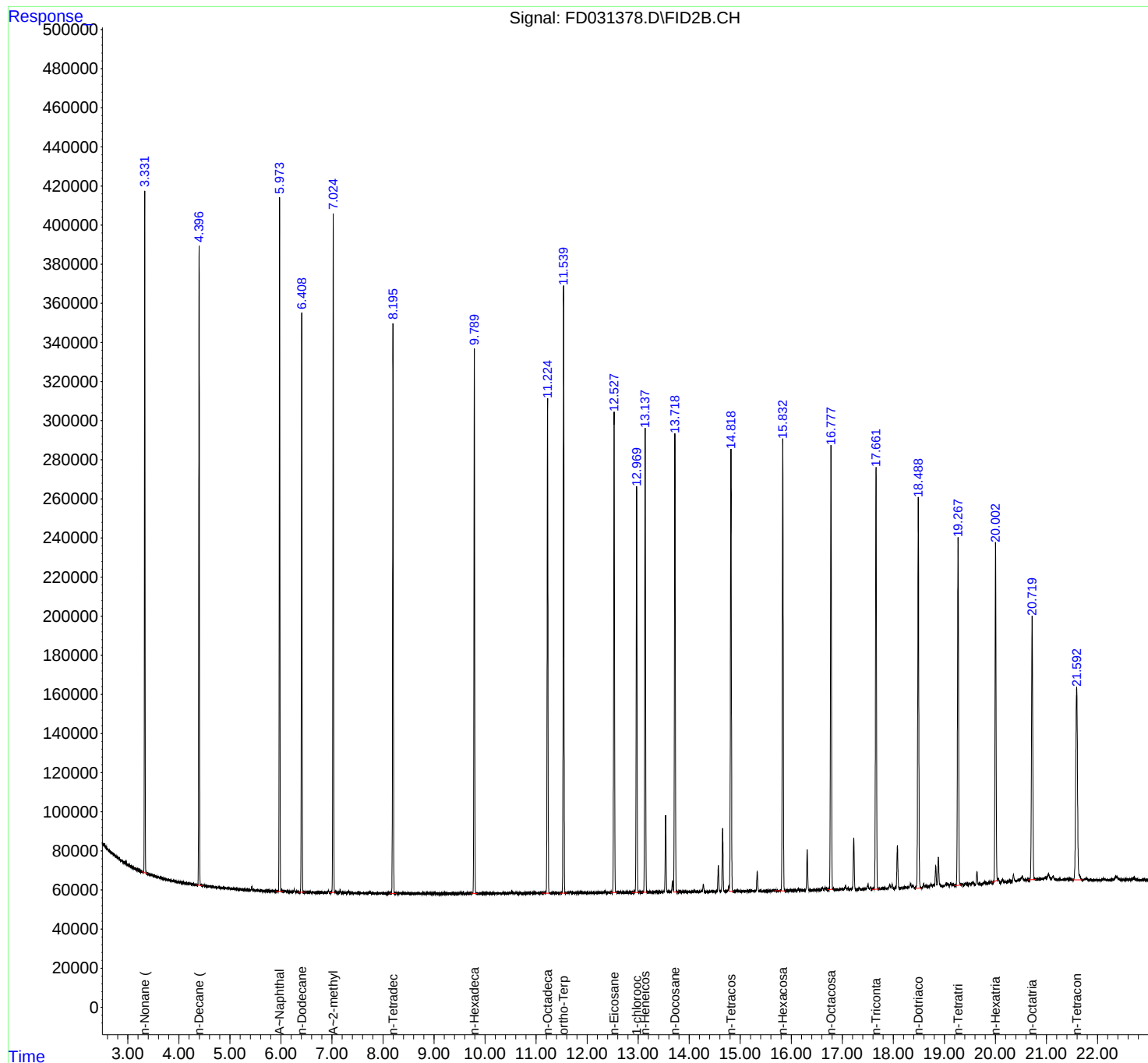
(m)=manual int.

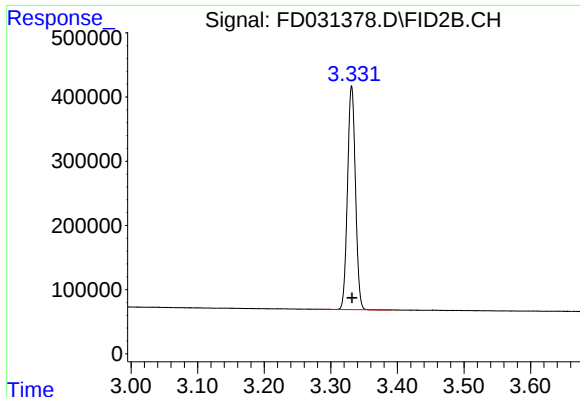
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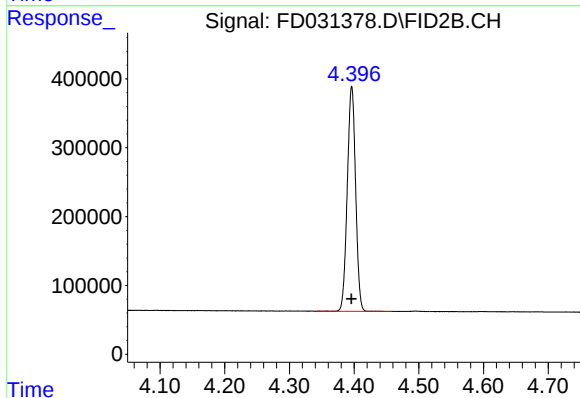




#1 n-Nonane (C9)

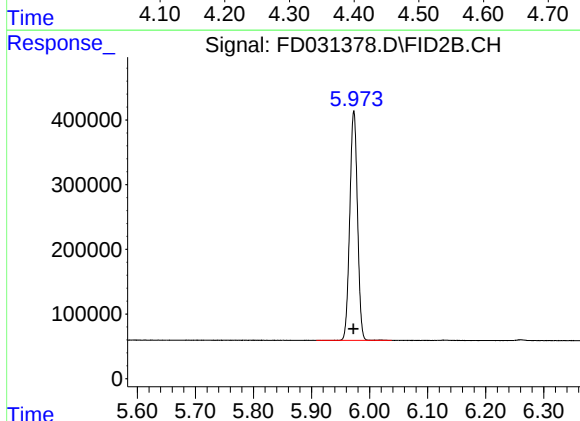
R.T.: 3.331 min
Delta R.T.: 0.000 min
Response: 2889461
Conc: 21.78 ug/ml

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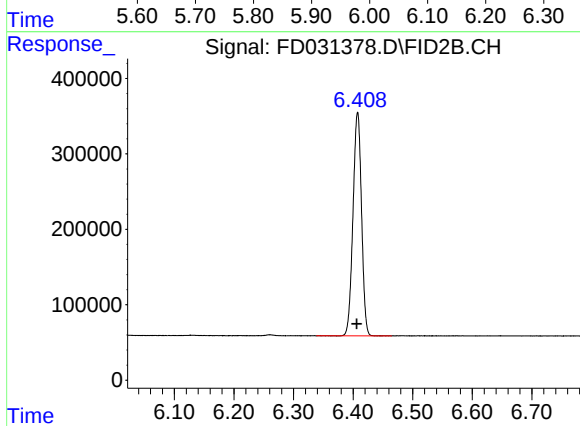
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 2923178
Conc: 21.92 ug/ml



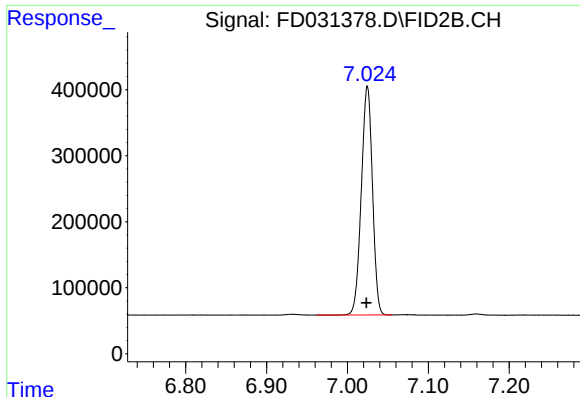
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 3271603
Conc: 21.84 ug/ml



#4 n-Dodecane (C12)

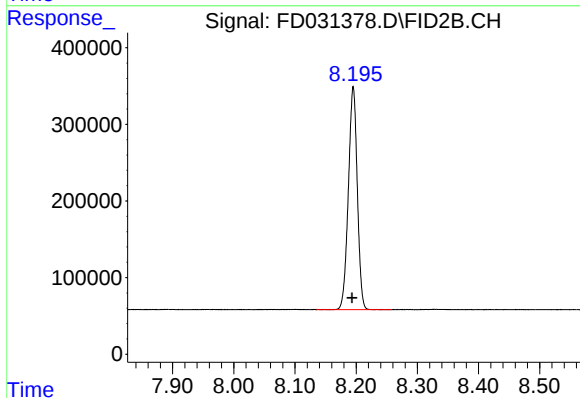
R.T.: 6.408 min
Delta R.T.: 0.001 min
Response: 2948417
Conc: 21.89 ug/ml



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

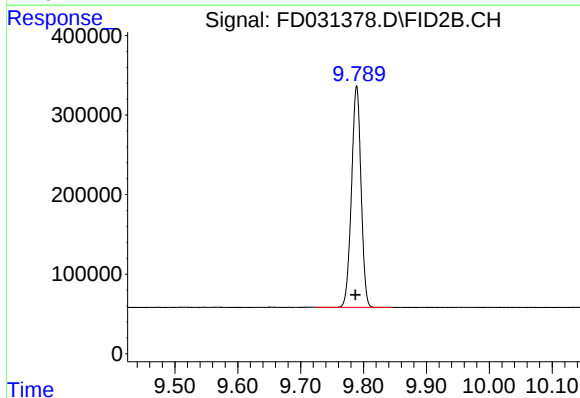
R.T.: 7.025 min
Delta R.T.: 0.001 min
Response: 3317322
Conc: 21.89 ug/ml

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20 PPM ALIPHATIC HC STD



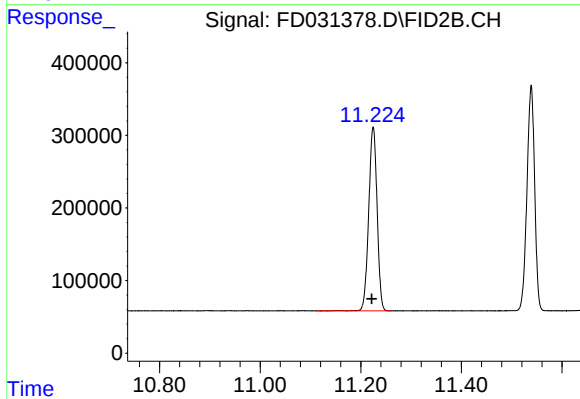
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 2944421
Conc: 21.85 ug/ml



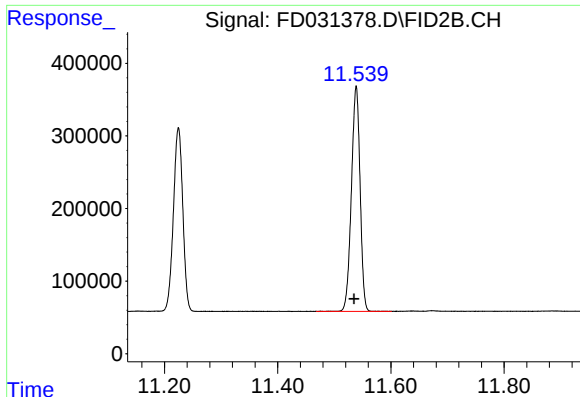
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: 0.002 min
Response: 2927424
Conc: 21.83 ug/ml



#8 n-Octadecane (C18)

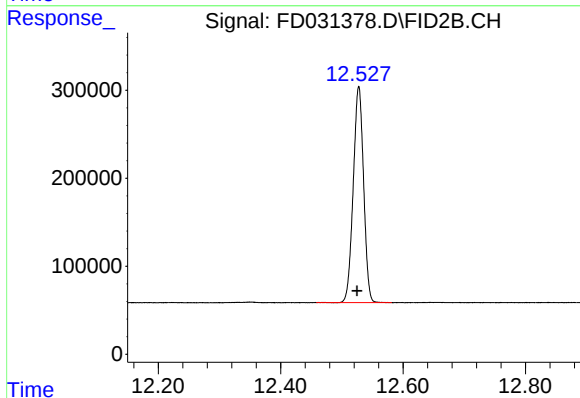
R.T.: 11.225 min
Delta R.T.: 0.003 min
Response: 2919031
Conc: 21.89 ug/ml



#9 ortho-Terphenyl (SURR)

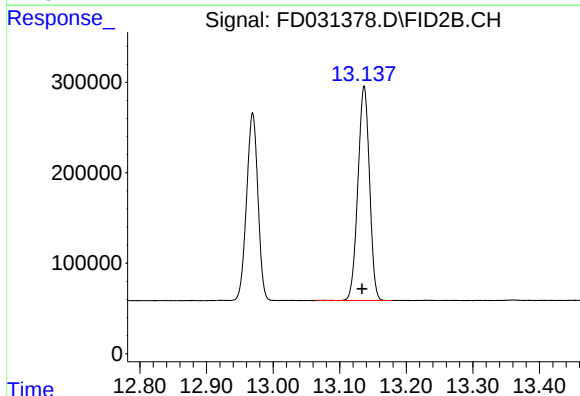
R.T.: 11.539 min
Delta R.T.: 0.004 min
Response: 3294324
Conc: 21.65 ug/ml

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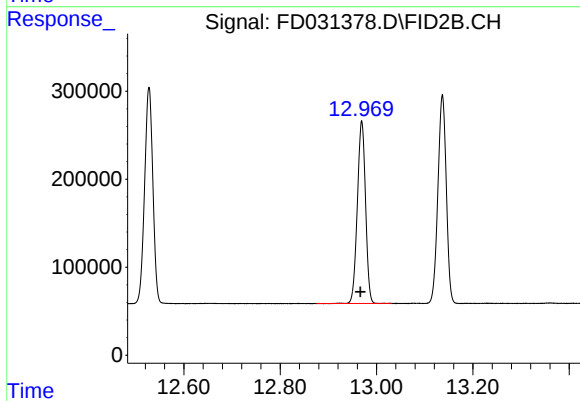
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.002 min
Response: 2884142
Conc: 21.86 ug/ml



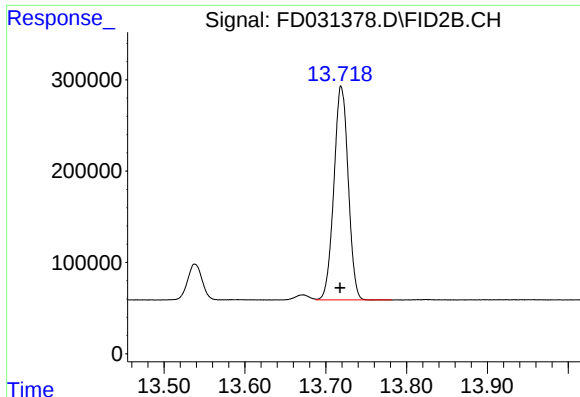
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.003 min
Response: 2865977
Conc: 21.66 ug/ml



#12 1-chlorooctadecane (SURR)

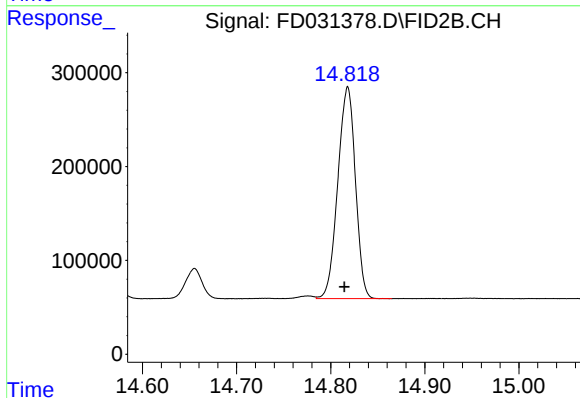
R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2454004
Conc: 21.60 ug/ml



#13 n-Docosane (C22)

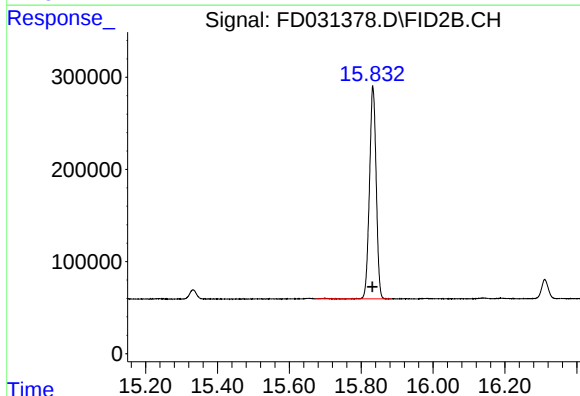
R.T.: 13.719 min
Delta R.T.: 0.002 min
Response: 2886218
Conc: 21.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



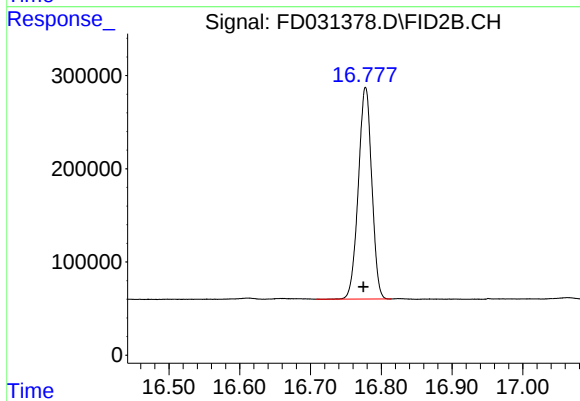
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.003 min
Response: 2931645
Conc: 22.40 ug/ml



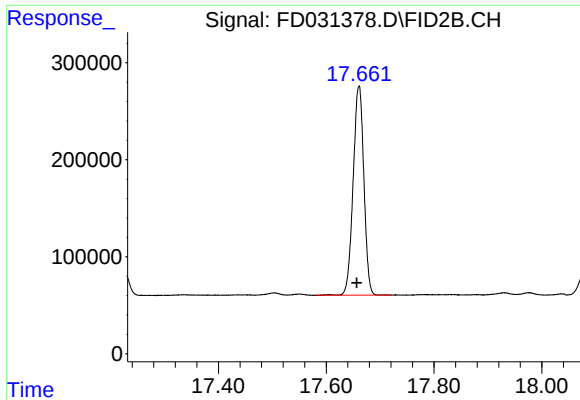
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: 0.002 min
Response: 2981939
Conc: 23.08 ug/ml



#16 n-Octacosane (C28)

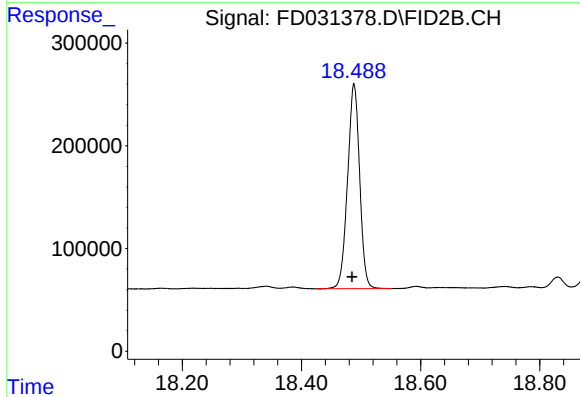
R.T.: 16.778 min
Delta R.T.: 0.003 min
Response: 2994099
Conc: 23.40 ug/ml



#17 n-Tricontane (C30)

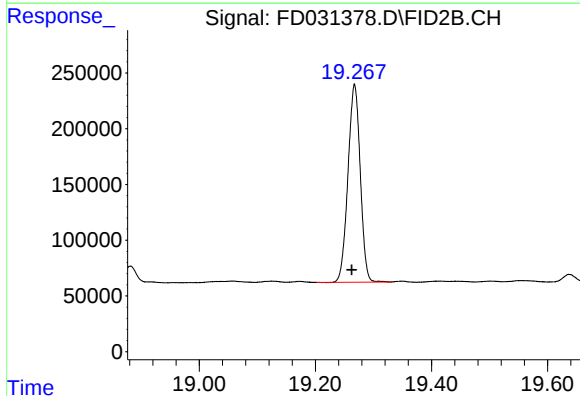
R.T.: 17.661 min
Delta R.T.: 0.004 min
Response: 2977488
Conc: 23.34 ug/ml

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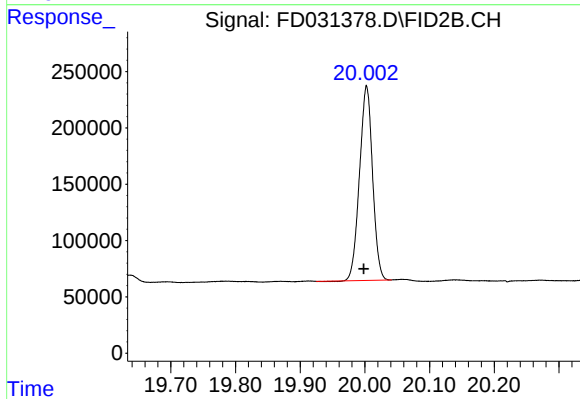
#18 n-Dotriacontane (C32)

R.T.: 18.488 min
Delta R.T.: 0.004 min
Response: 2805041
Conc: 22.74 ug/ml



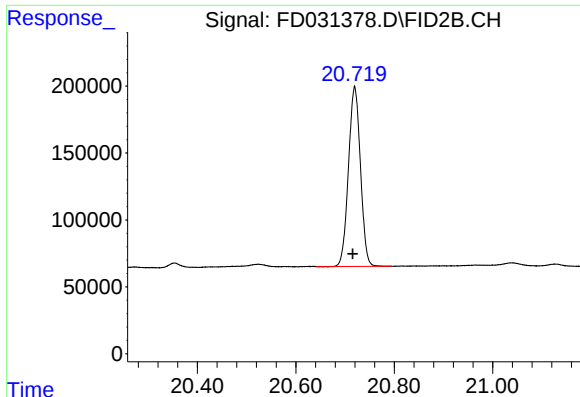
#19 n-Tetratriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.005 min
Response: 2604730
Conc: 21.78 ug/ml



#20 n-Hexatriacontane (C36)

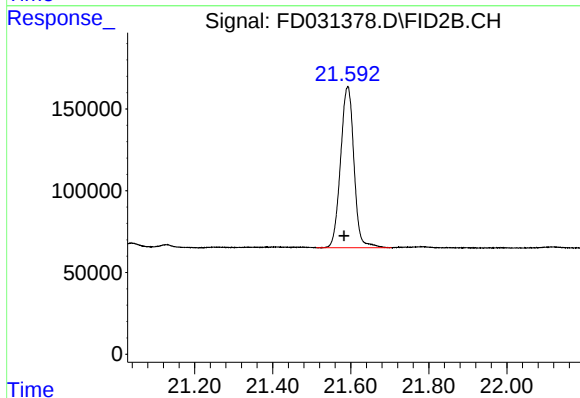
R.T.: 20.003 min
Delta R.T.: 0.004 min
Response: 2416163
Conc: 21.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: 0.004 min
Response: 2267910
Conc: 21.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.592 min
Delta R.T.: 0.010 min
Response: 2340231
Conc: 21.79 ug/ml