

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110719AL\
 Data File : FD031371.D
 Signal(s) : FID2B.CH
 Acq On : 07 Nov 2019 15:15
 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 07 16:20:10 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	3168776	20.825 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
12) S 1-chlorooctadecane (S...	12.968	2360188	20.770 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
Target Compounds			
1) T n-Nonane (C9)	3.332	2773932	20.911 ug/ml
2) T n-Decane (C10)	4.396	2805739	21.036 ug/ml
3) T A~Naphthalene (C11.7)	5.973	3139826	20.963 ug/ml
4) T n-Dodecane (C12)	6.408	2836982	21.066 ug/ml
5) T A~2-methylnaphthalene...	7.025	3210004	21.179 ug/ml
6) T n-Tetradecane (C14)	8.195	2833316	21.027 ug/ml
7) T n-Hexadecane (C16)	9.789	2819584	21.030 ug/ml
8) T n-Octadecane (C18)	11.224	2807599	21.050 ug/ml
10) T n-Eicosane (C20)	12.527	2772298	21.017 ug/ml
11) T n-Heneicosane (C21)	13.135	2751418	20.793 ug/ml
13) T n-Docosane (C22)	13.718	2771502	21.107 ug/ml
14) T n-Tetracosane (C24)	14.815	2857034	21.833 ug/ml
15) T n-Hexacosane (C26)	15.831	2859945	22.137 ug/ml
16) T n-Octacosane (C28)	16.776	2916459	22.791 ug/ml
17) T n-Tricontane (C30)	17.658	2859693	22.419 ug/ml
18) T n-Dotriacontane (C32)	18.486	2693684	21.835 ug/ml
19) T n-Tetratriacontane (C34)	19.266	2516863	21.041 ug/ml
20) T n-Hexatriacontane (C36)	20.001	2326095	20.381 ug/ml
21) T n-Octatriacontane (C38)	20.718	2187488	20.828 ug/ml
22) T n-Tetracontane (C40)	21.589	2233632	20.800 ug/ml

(f)=RT Delta > 1/2 Window

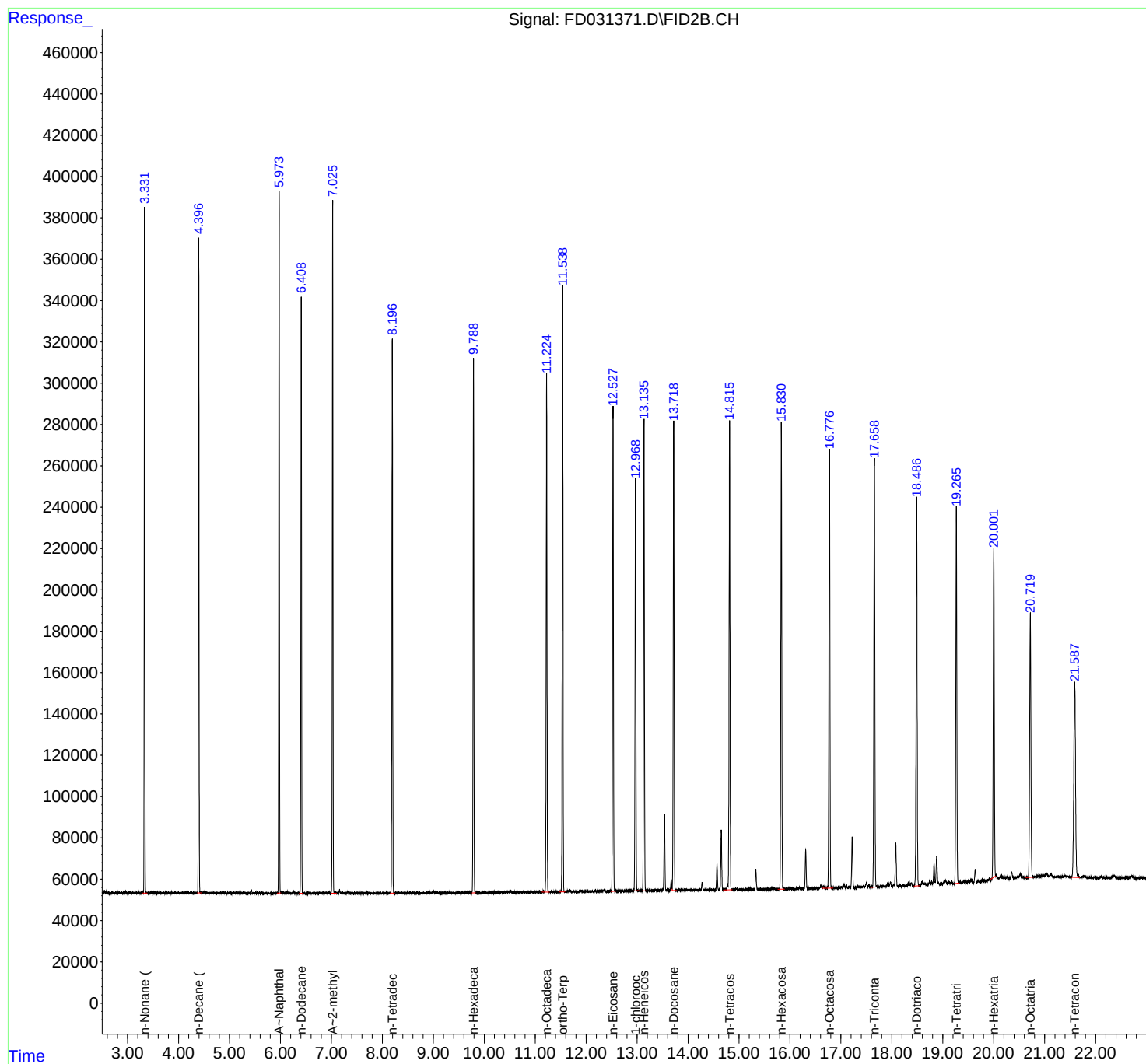
(m)=manual int.

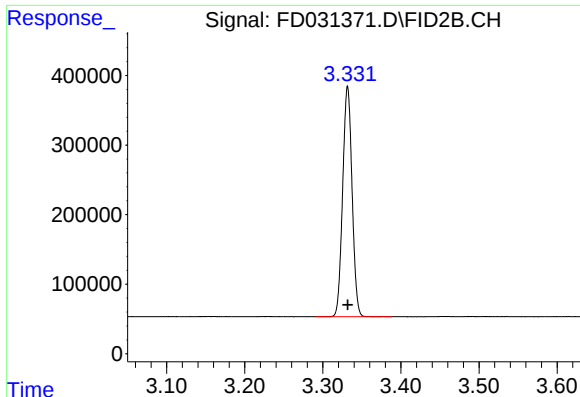
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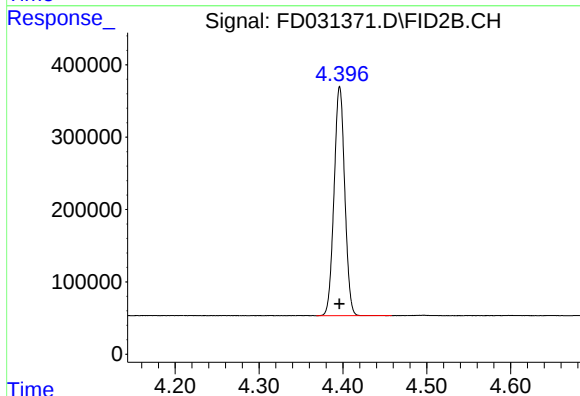




#1 n-Nonane (C9)

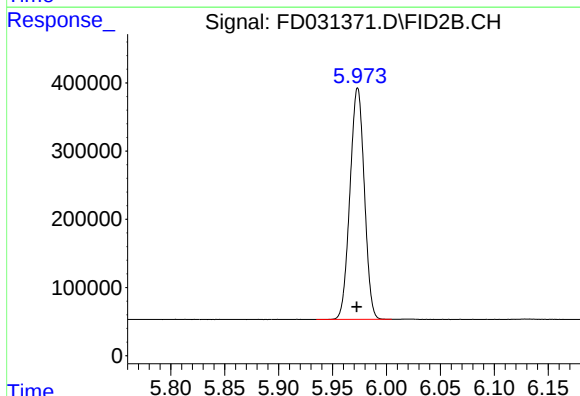
R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 2773932
Conc: 20.91 ug/ml

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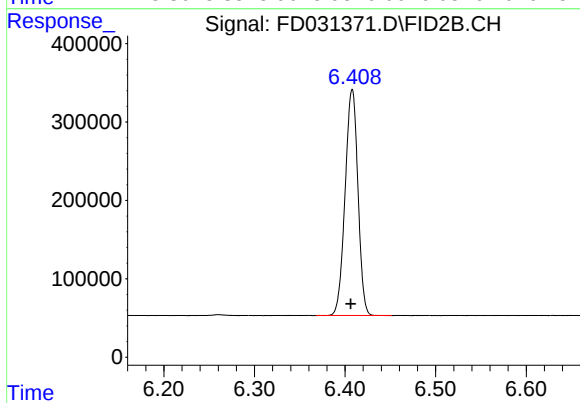
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 2805739
Conc: 21.04 ug/ml



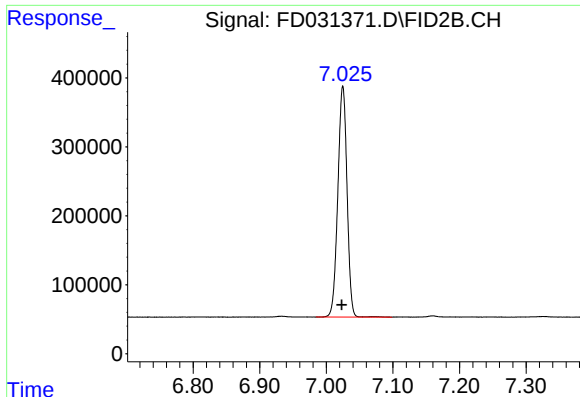
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: 0.001 min
Response: 3139826
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

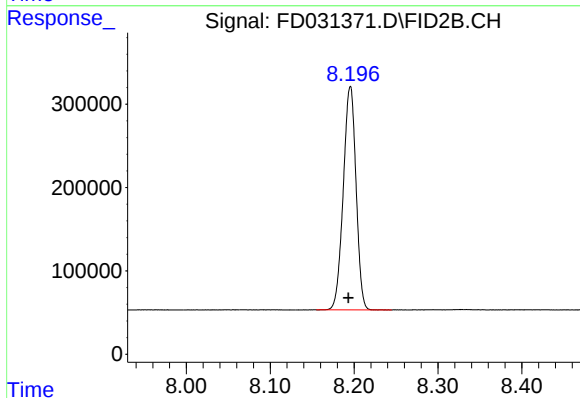
R.T.: 6.408 min
Delta R.T.: 0.002 min
Response: 2836982
Conc: 21.07 ug/ml



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

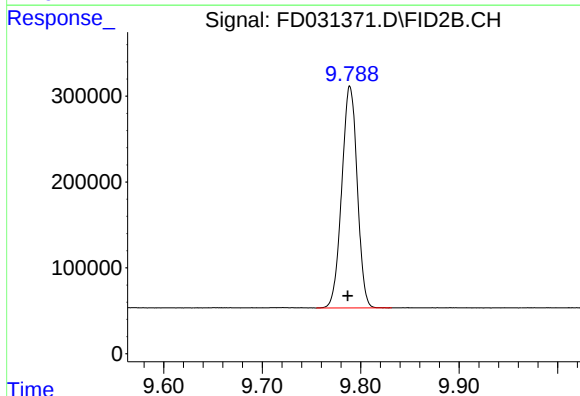
R.T.: 7.025 min
Delta R.T.: 0.001 min
Response: 3210004
Conc: 21.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



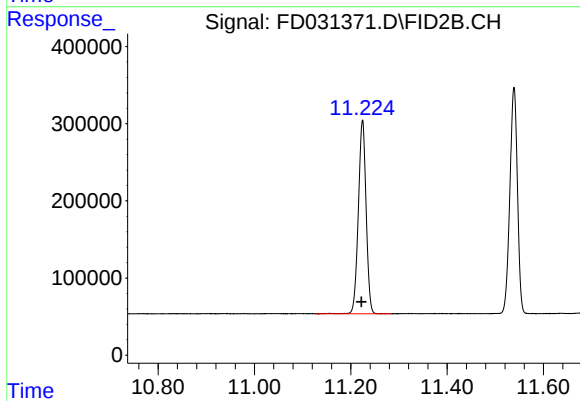
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 2833316
Conc: 21.03 ug/ml



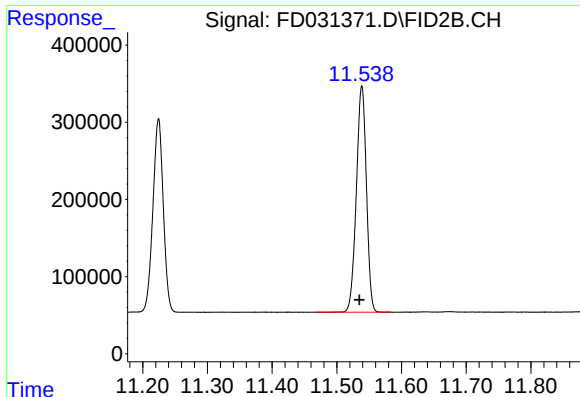
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: 0.002 min
Response: 2819584
Conc: 21.03 ug/ml



#8 n-Octadecane (C18)

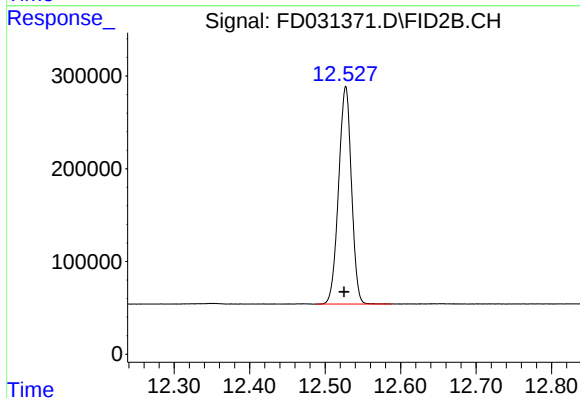
R.T.: 11.224 min
Delta R.T.: 0.003 min
Response: 2807599
Conc: 21.05 ug/ml



#9 ortho-Terphenyl (SURR)

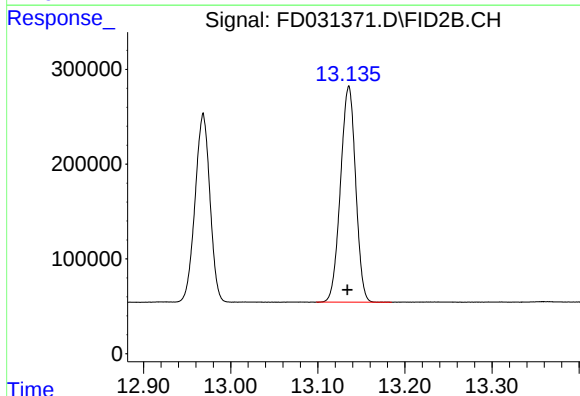
R.T.: 11.539 min
Delta R.T.: 0.004 min
Response: 3168776
Conc: 20.82 ug/ml

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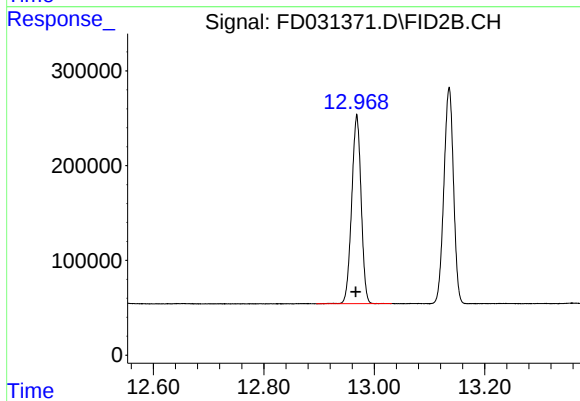
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.002 min
Response: 2772298
Conc: 21.02 ug/ml



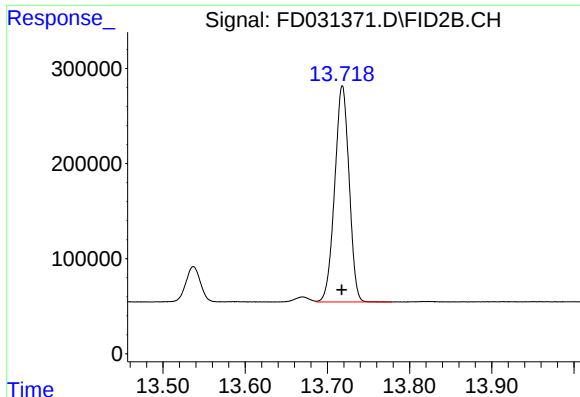
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: 0.002 min
Response: 2751418
Conc: 20.79 ug/ml



#12 1-chlorooctadecane (SURR)

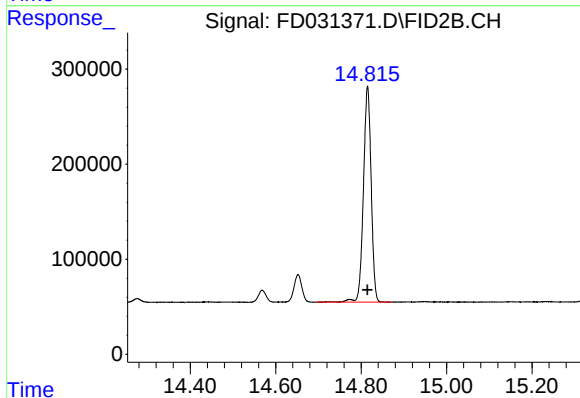
R.T.: 12.968 min
Delta R.T.: 0.002 min
Response: 2360188
Conc: 20.77 ug/ml



#13 n-Docosane (C22)

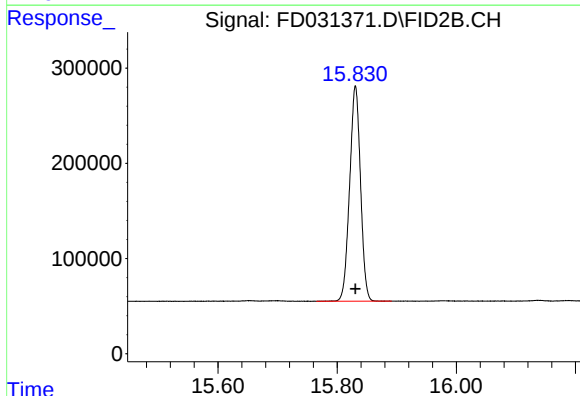
R.T.: 13.718 min
Delta R.T.: 0.000 min
Response: 2771502
Conc: 21.11 ug/ml

Instrument :
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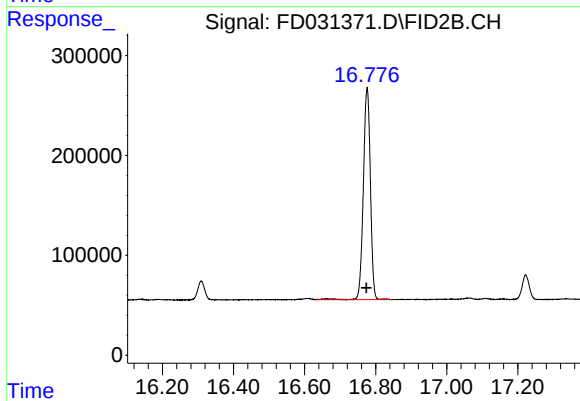
#14 n-Tetracosane (C24)

R.T.: 14.815 min
Delta R.T.: 0.000 min
Response: 2857034
Conc: 21.83 ug/ml



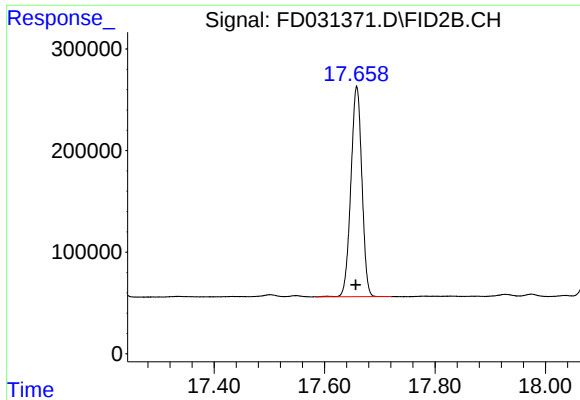
#15 n-Hexacosane (C26)

R.T.: 15.831 min
Delta R.T.: 0.000 min
Response: 2859945
Conc: 22.14 ug/ml



#16 n-Octacosane (C28)

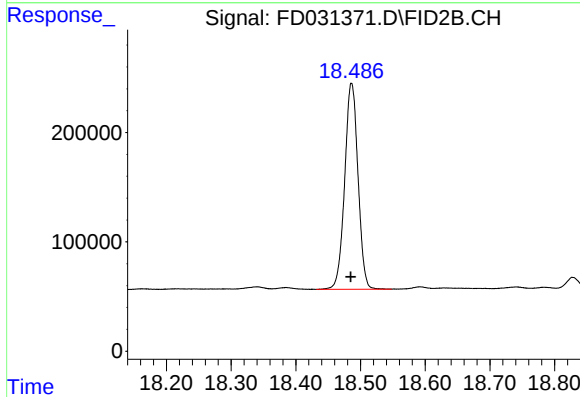
R.T.: 16.776 min
Delta R.T.: 0.001 min
Response: 2916459
Conc: 22.79 ug/ml



#17 n-Tricontane (C30)

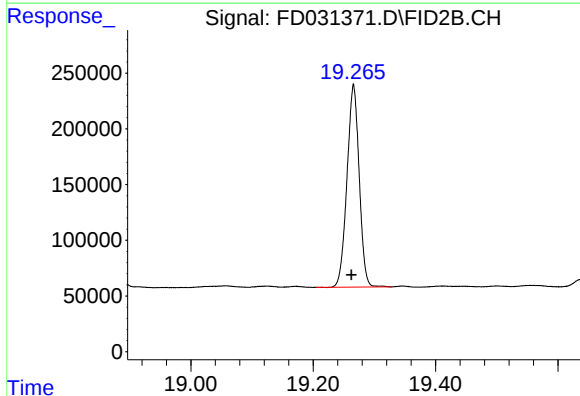
R.T.: 17.658 min
Delta R.T.: 0.002 min
Response: 2859693
Conc: 22.42 ug/ml

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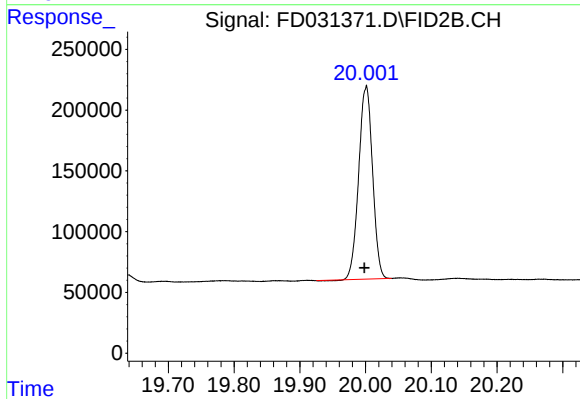
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.002 min
Response: 2693684
Conc: 21.84 ug/ml



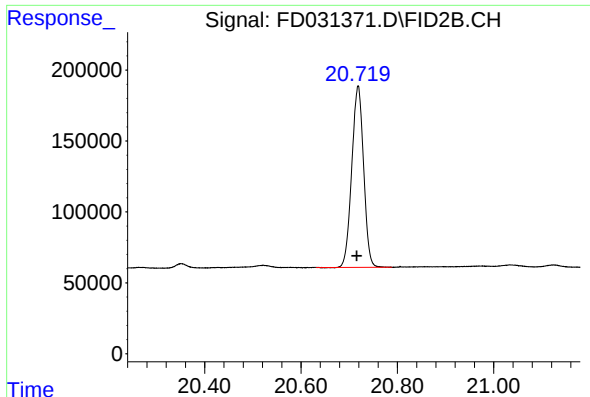
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: 0.003 min
Response: 2516863
Conc: 21.04 ug/ml



#20 n-Hexatriacontane (C36)

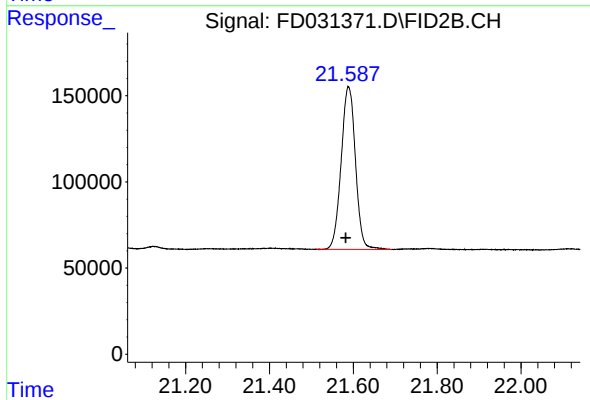
R.T.: 20.001 min
Delta R.T.: 0.003 min
Response: 2326095
Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: 0.003 min
Response: 2187488
Conc: 20.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.589 min
Delta R.T.: 0.006 min
Response: 2233632
Conc: 20.80 ug/ml