

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012420AL\
 Data File : FD032131.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jan 2020 9:31
 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 03:09:45 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	2702933	19.566 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
12) S 1-chlorooctadecane (S...	12.965	2062946	18.938 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T n-Nonane (C9)	3.333	2566737	21.838 ug/ml
2) T n-Decane (C10)	4.397	2597194	22.046 ug/ml
3) T A~Naphthalene (C11.7)	5.975	2904714	21.956 ug/ml
4) T n-Dodecane (C12)	6.406	2618844	22.004 ug/ml
5) T A~2-methylnaphthalene...	7.026	2913053	21.733 ug/ml
6) T n-Tetradecane (C14)	8.192	2607262	21.482 ug/ml
7) T n-Hexadecane (C16)	9.784	2585899	20.864 ug/ml
8) T n-Octadecane (C18)	11.220	2542639	20.135 ug/ml
10) T n-Eicosane (C20)	12.523	2477367	19.415 ug/ml
11) T n-Heneicosane (C21)	13.132	2455134	19.060 ug/ml
13) T n-Docosane (C22)	13.715	2414135	18.766 ug/ml
14) T n-Tetracosane (C24)	14.813	2362692	18.194 ug/ml
15) T n-Hexacosane (C26)	15.830	2369961	18.388 ug/ml
16) T n-Octacosane (C28)	16.774	2346903	18.412 ug/ml
17) T n-Tricontane (C30)	17.658	2260538	18.440 ug/ml
18) T n-Dotriacontane (C32)	18.486	1936862	18.502 ug/ml
19) T n-Tetratriacontane (C34)	19.265	1631416	18.447 ug/ml
20) T n-Hexatriacontane (C36)	20.001	1472535	18.684 ug/ml
21) T n-Octatriacontane (C38)	20.718	1381701	18.738 ug/ml
22) T n-Tetracontane (C40)	21.584	1410175	18.632 ug/ml

(f)=RT Delta > 1/2 Window

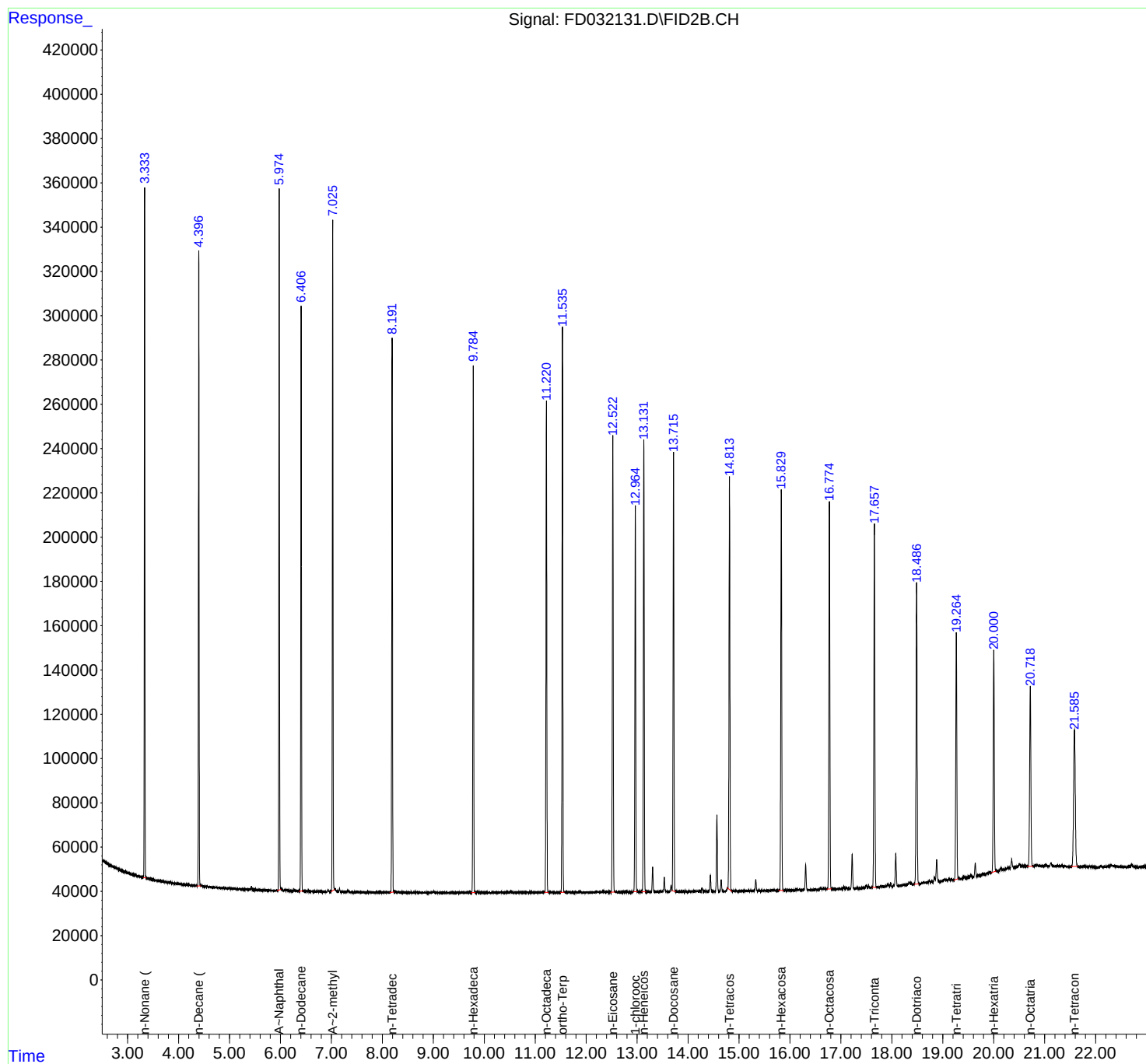
(m)=manual int.

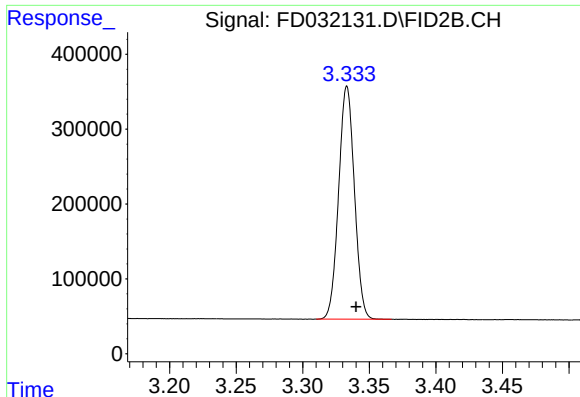
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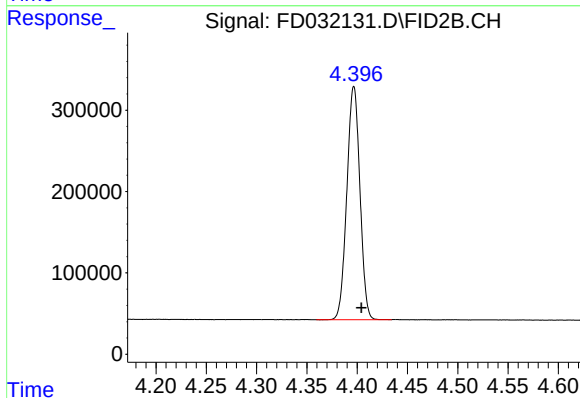




#1 n-Nonane (C9)

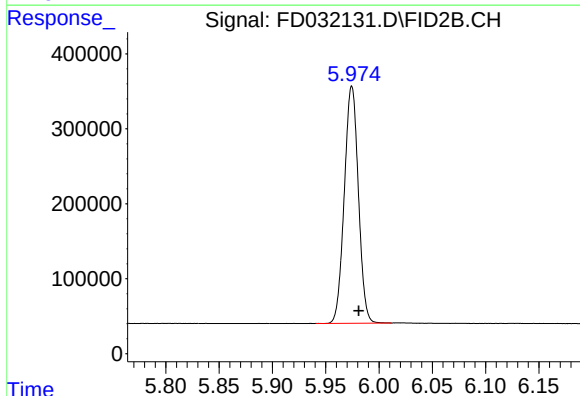
R.T.: 3.333 min
Delta R.T.: -0.007 min
Response: 2566737
Conc: 21.84 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



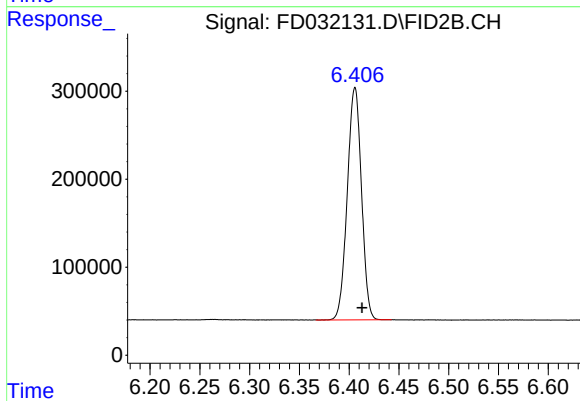
#2 n-Decane (C10)

R.T.: 4.397 min
Delta R.T.: -0.007 min
Response: 2597194
Conc: 22.05 ug/ml



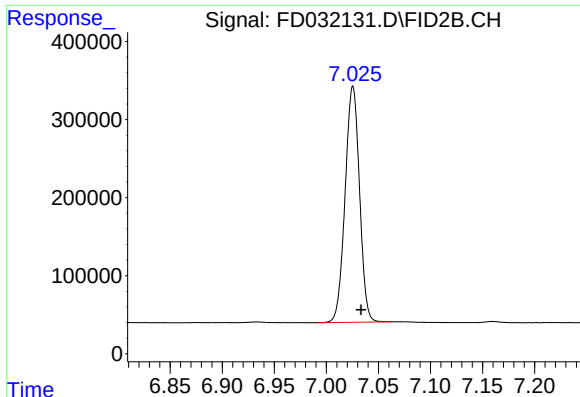
#3 A~Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.006 min
Response: 2904714
Conc: 21.96 ug/ml



#4 n-Dodecane (C12)

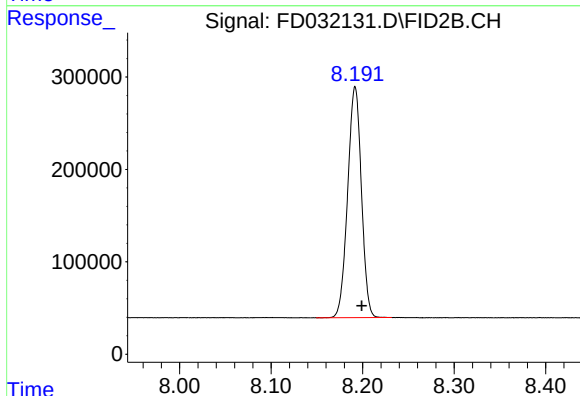
R.T.: 6.406 min
Delta R.T.: -0.007 min
Response: 2618844
Conc: 22.00 ug/ml



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

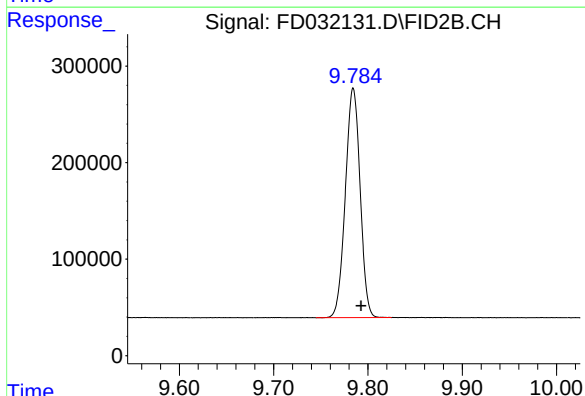
R.T.: 7.026 min
Delta R.T.: -0.008 min
Response: 2913053
Conc: 21.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



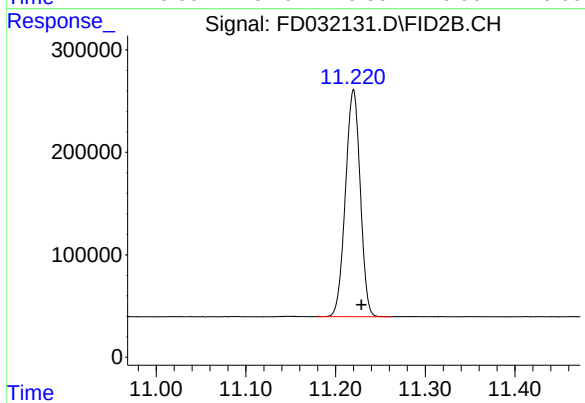
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: -0.007 min
Response: 2607262
Conc: 21.48 ug/ml



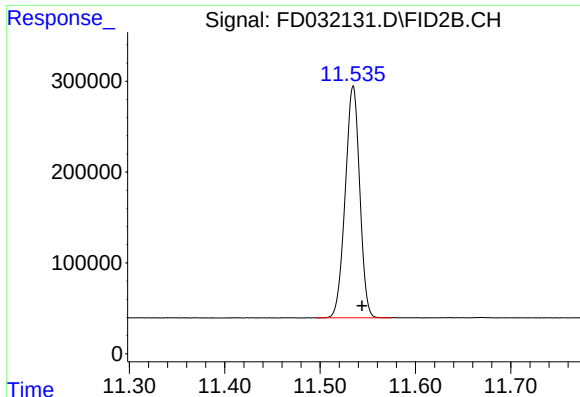
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: -0.008 min
Response: 2585899
Conc: 20.86 ug/ml



#8 n-Octadecane (C18)

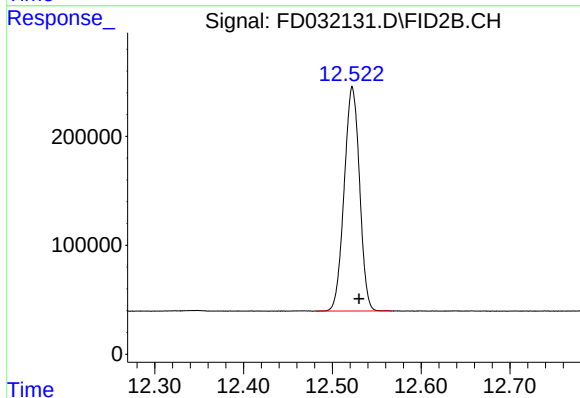
R.T.: 11.220 min
Delta R.T.: -0.009 min
Response: 2542639
Conc: 20.13 ug/ml



#9 ortho-Terphenyl (SURR)

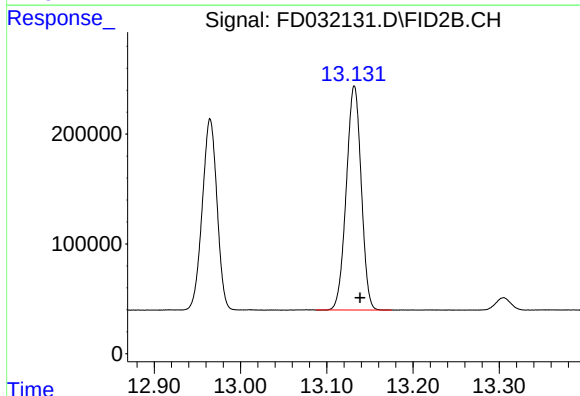
R.T.: 11.535 min
Delta R.T.: -0.009 min
Response: 2702933
Conc: 19.57 ug/ml

Instrument :
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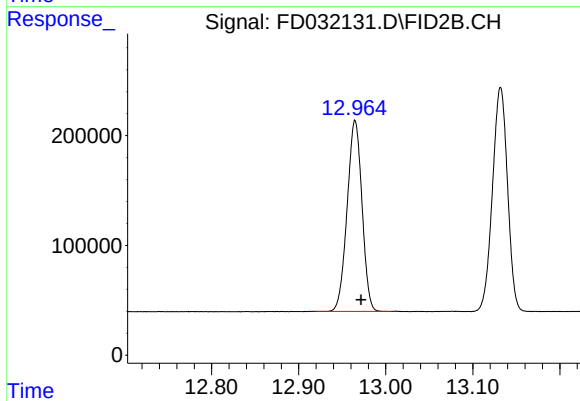
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.008 min
Response: 2477367
Conc: 19.41 ug/ml



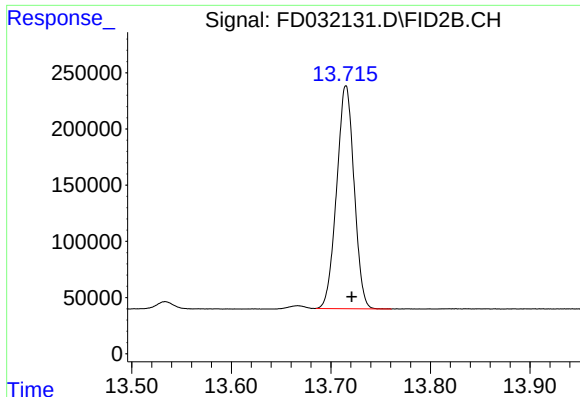
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.007 min
Response: 2455134
Conc: 19.06 ug/ml



#12 1-chlorooctadecane (SURR)

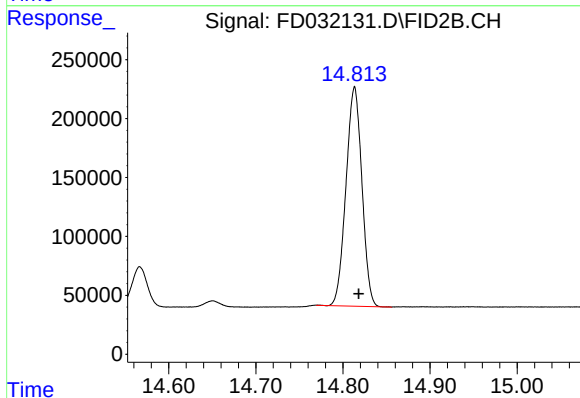
R.T.: 12.965 min
Delta R.T.: -0.007 min
Response: 2062946
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

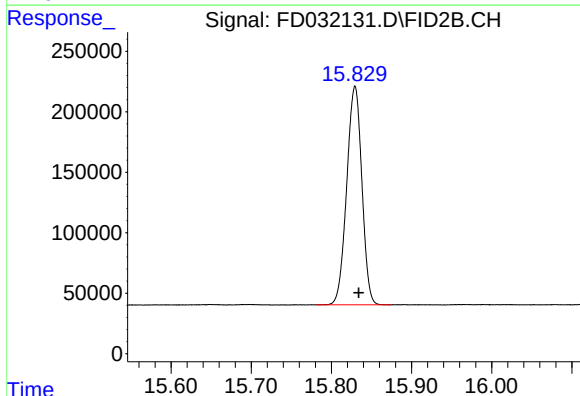
R.T.: 13.715 min
Delta R.T.: -0.006 min
Response: 2414135
Conc: 18.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



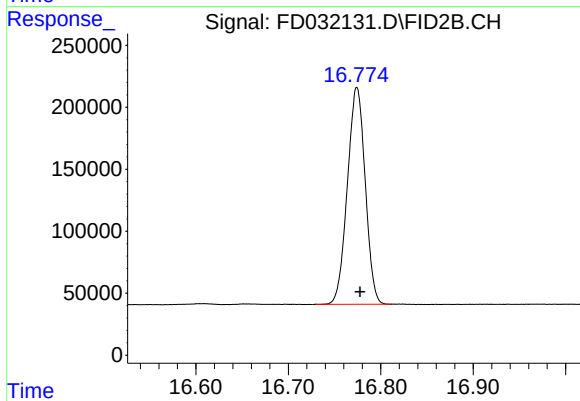
#14 n-Tetracosane (C24)

R.T.: 14.813 min
Delta R.T.: -0.005 min
Response: 2362692
Conc: 18.19 ug/ml



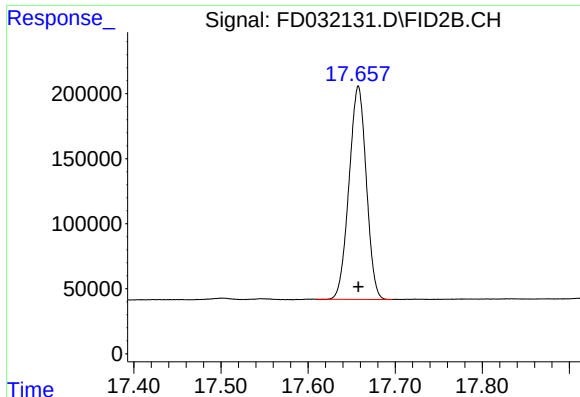
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.005 min
Response: 2369961
Conc: 18.39 ug/ml



#16 n-Octacosane (C28)

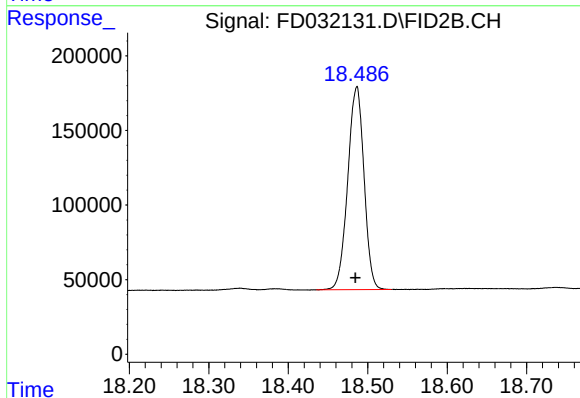
R.T.: 16.774 min
Delta R.T.: -0.003 min
Response: 2346903
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

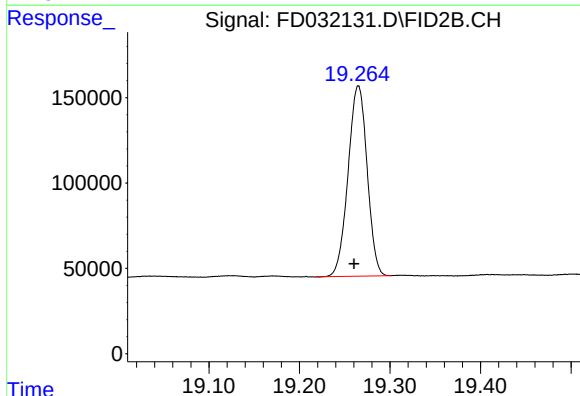
R.T.: 17.658 min
Delta R.T.: 0.000 min
Response: 2260538
Conc: 18.44 ug/ml

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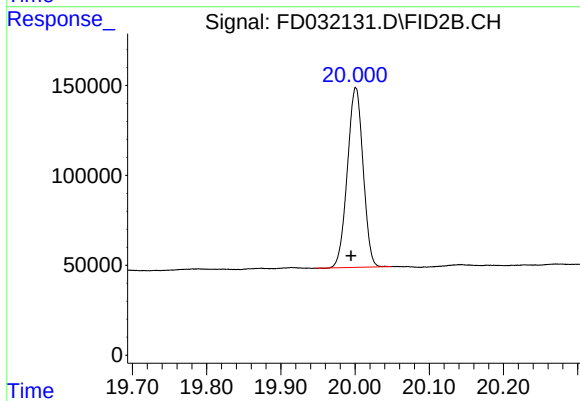
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: 0.002 min
Response: 1936862
Conc: 18.50 ug/ml



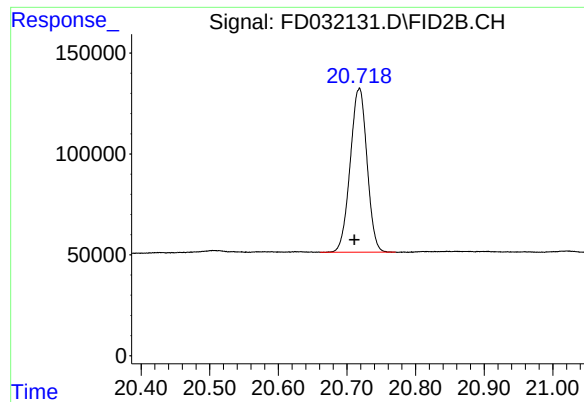
#19 n-Tetratriacontane (C34)

R.T.: 19.265 min
Delta R.T.: 0.005 min
Response: 1631416
Conc: 18.45 ug/ml



#20 n-Hexatriacontane (C36)

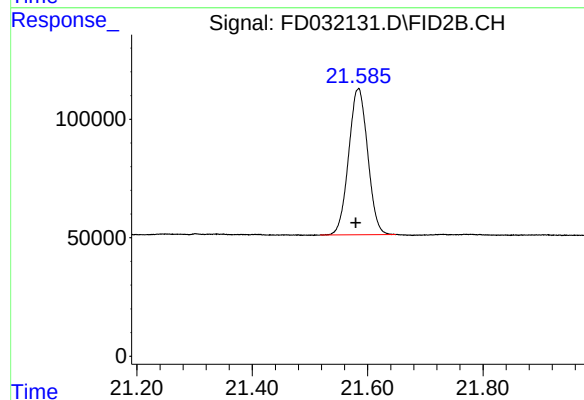
R.T.: 20.001 min
Delta R.T.: 0.007 min
Response: 1472535
Conc: 18.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.718 min
Delta R.T.: 0.007 min
Response: 1381701
Conc: 18.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.584 min
Delta R.T.: 0.005 min
Response: 1410175
Conc: 18.63 ug/ml