

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080720AL\
 Data File : FD034385.D
 Signal(s) : FID2B.CH
 Acq On : 07 Aug 2020 10:20
 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: sample.E
 Quant Time: Aug 08 00:58:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:13:24 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)	11.604	2716797	20.725 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
12) S 1-chlorooctadecane (S...	13.032	2173484	20.217 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
Target Compounds			
1) T n-Nonane (C9)	3.381	2510475	21.679 ug/ml
2) T n-Decane (C10)	4.449	2532158	21.760 ug/ml
3) T A~Naphthalene (C11.7)	6.032	2815472	21.637 ug/ml
4) T n-Dodecane (C12)	6.462	2555775	21.665 ug/ml
5) T A~2-methylnaphthalene...	7.086	2866267	21.581 ug/ml
6) T n-Tetradecane (C14)	8.252	2519482	21.561 ug/ml
7) T n-Hexadecane (C16)	9.848	2461562	21.087 ug/ml
8) T n-Octadecane (C18)	11.285	2536950	20.815 ug/ml
10) T n-Eicosane (C20)	12.589	2517022	20.390 ug/ml
11) T n-Heneicosane (C21)	13.199	2492779	20.153 ug/ml
13) T n-Docosane (C22)	13.782	2473017	19.911 ug/ml
14) T n-Tetracosane (C24)	14.881	2437317	19.470 ug/ml
15) T n-Hexacosane (C26)	15.897	2374984	18.957 ug/ml
16) T n-Octacosane (C28)	16.841	2345883	18.573 ug/ml
17) T n-Tricontane (C30)	17.723	2285472	18.372 ug/ml
18) T n-Dotriacontane (C32)	18.550	2113327	18.352 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1968569	18.083 ug/ml
20) T n-Hexatriacontane (C36)	20.064	1830654	17.299 ug/ml
21) T n-Octatriacontane (C38)	20.793	1785274	18.562 ug/ml
22) T n-Tetracontane (C40)	21.693	1954281	20.259 ug/ml

(f)=RT Delta > 1/2 Window

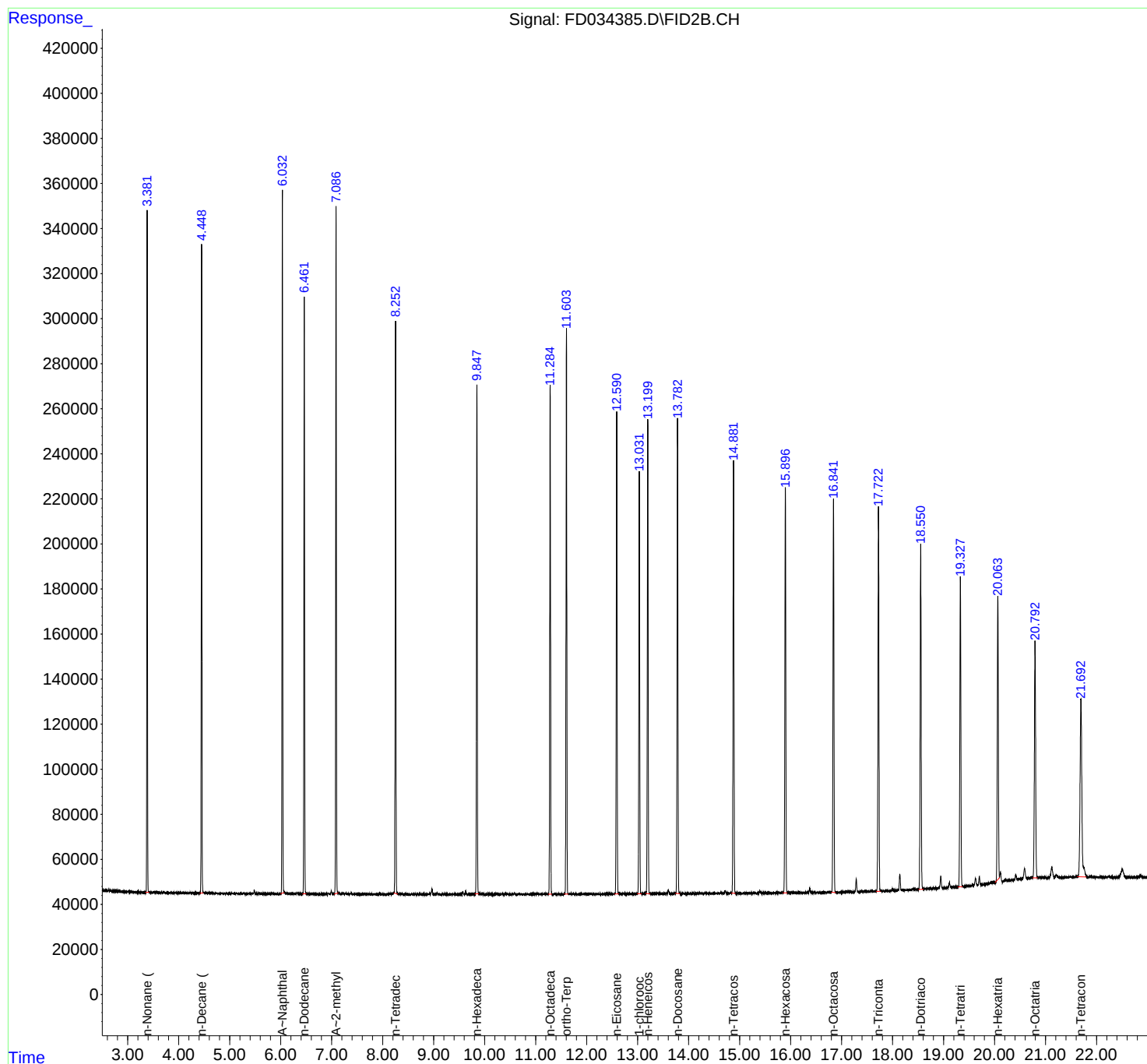
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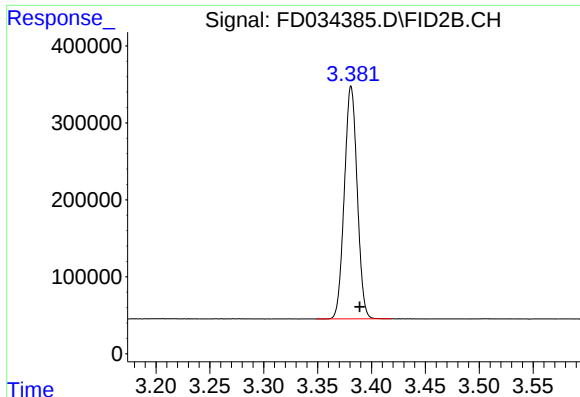
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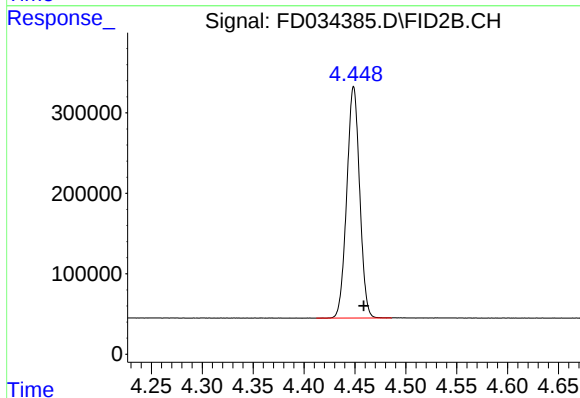




#1 n-Nonane (C9)

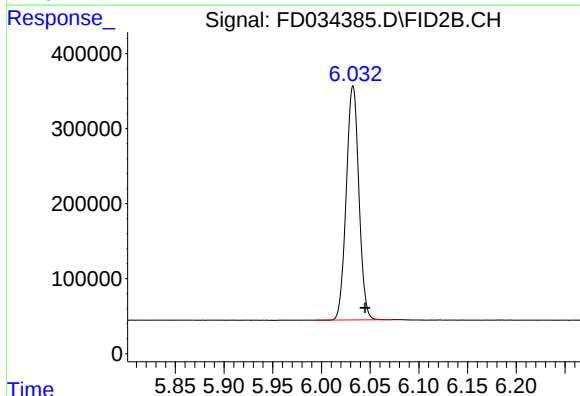
R.T.: 3.381 min
Delta R.T.: -0.008 min
Response: 2510475
Conc: 21.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



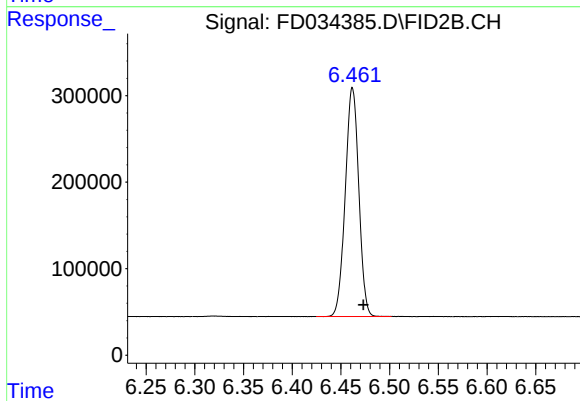
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: -0.010 min
Response: 2532158
Conc: 21.76 ug/ml



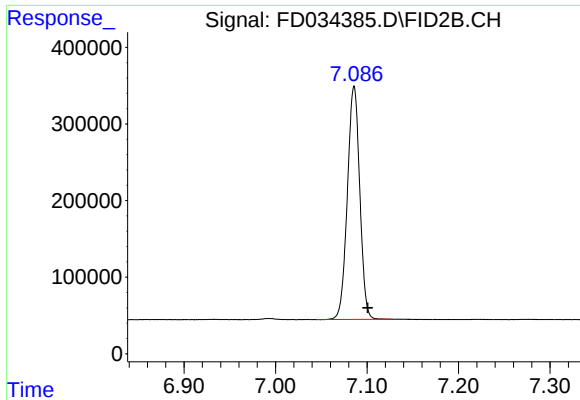
#3 A~Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.012 min
Response: 2815472
Conc: 21.64 ug/ml



#4 n-Dodecane (C12)

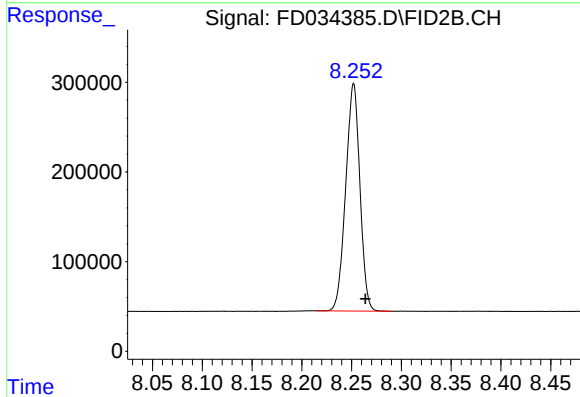
R.T.: 6.462 min
Delta R.T.: -0.011 min
Response: 2555775
Conc: 21.66 ug/ml



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

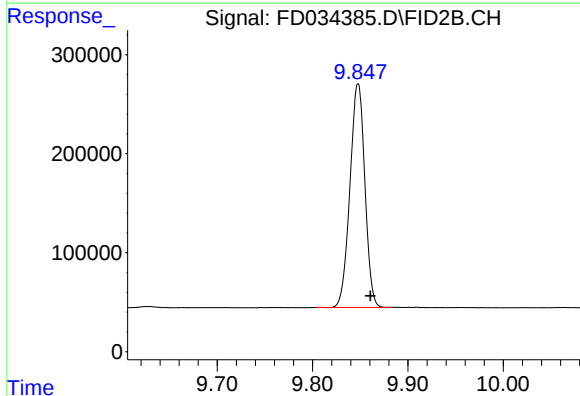
R.T.: 7.086 min
Delta R.T.: -0.015 min
Response: 2866267
Conc: 21.58 ug/ml

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20 PPM ALIPHATIC HC STD



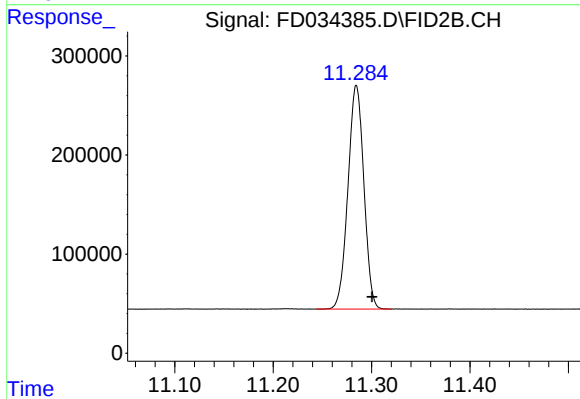
#6 n-Tetradecane (C14)

R.T.: 8.252 min
Delta R.T.: -0.012 min
Response: 2519482
Conc: 21.56 ug/ml



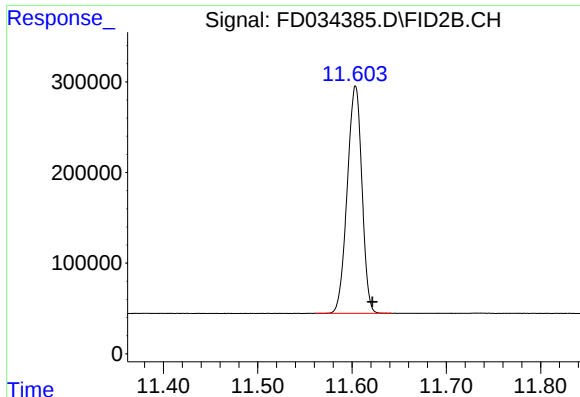
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.013 min
Response: 2461562
Conc: 21.09 ug/ml



#8 n-Octadecane (C18)

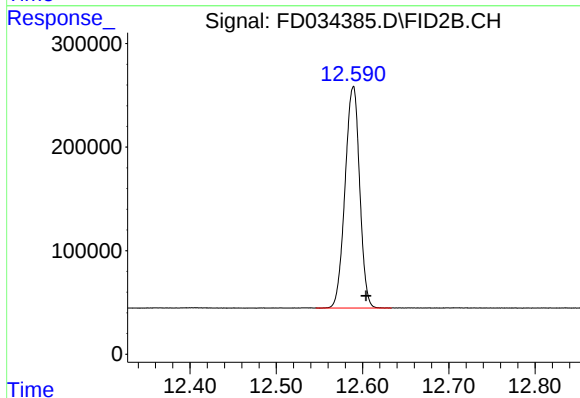
R.T.: 11.285 min
Delta R.T.: -0.016 min
Response: 2536950
Conc: 20.82 ug/ml



#9 ortho-Terphenyl (SURR)

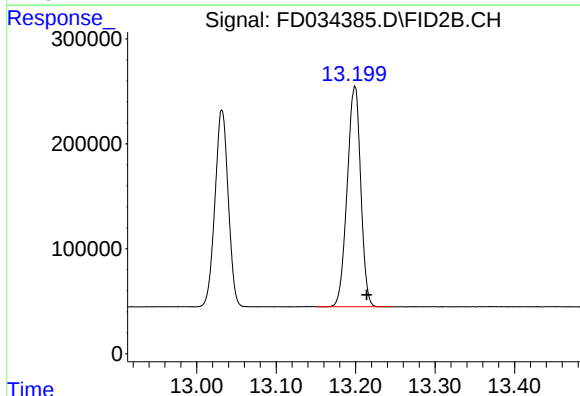
R.T.: 11.604 min
Delta R.T.: -0.018 min
Response: 2716797
Conc: 20.73 ug/ml

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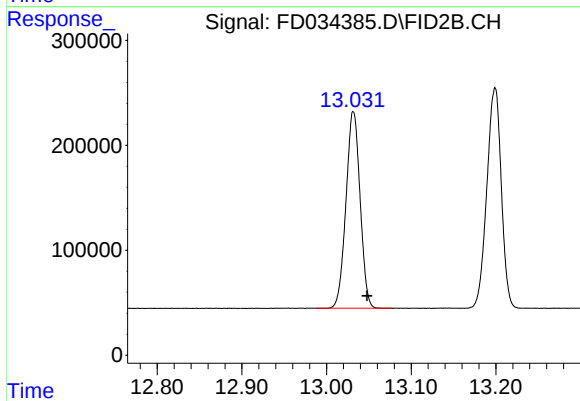
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: -0.015 min
Response: 2517022
Conc: 20.39 ug/ml



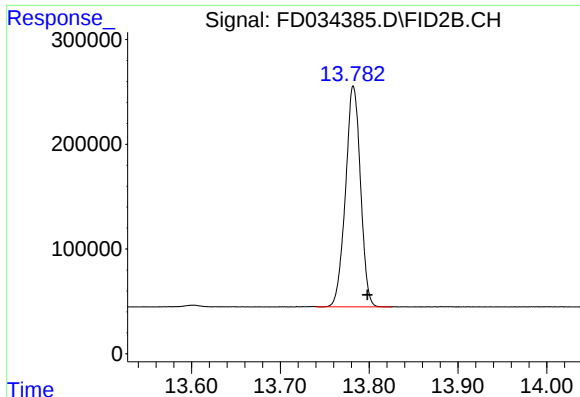
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: -0.015 min
Response: 2492779
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

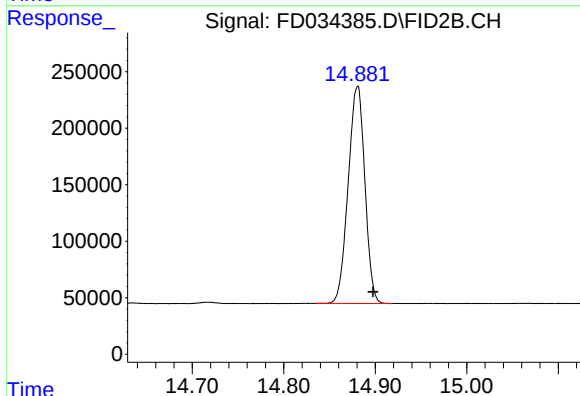
R.T.: 13.032 min
Delta R.T.: -0.016 min
Response: 2173484
Conc: 20.22 ug/ml



#13 n-Docosane (C22)

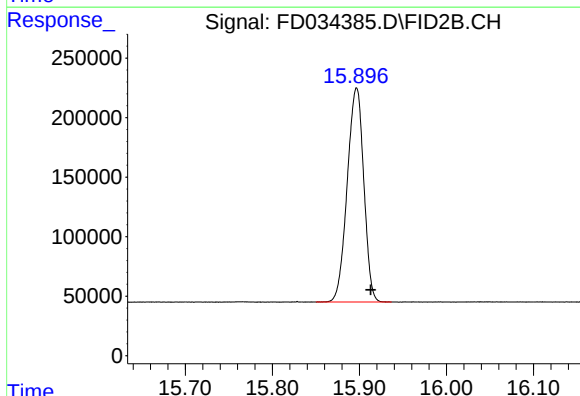
R.T.: 13.782 min
Delta R.T.: -0.016 min
Response: 2473017
Conc: 19.91 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



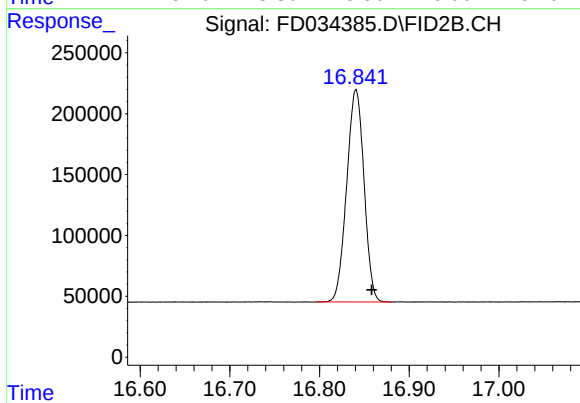
#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: -0.017 min
Response: 2437317
Conc: 19.47 ug/ml



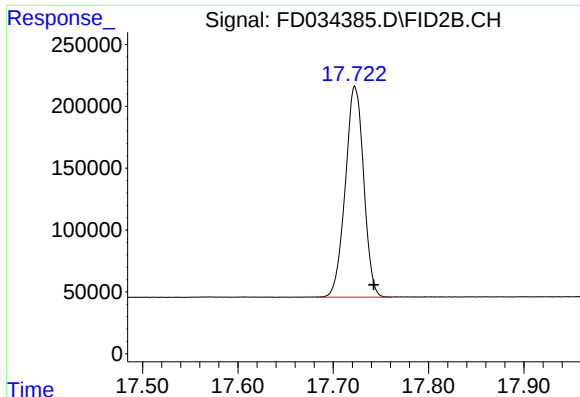
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: -0.016 min
Response: 2374984
Conc: 18.96 ug/ml



#16 n-Octacosane (C28)

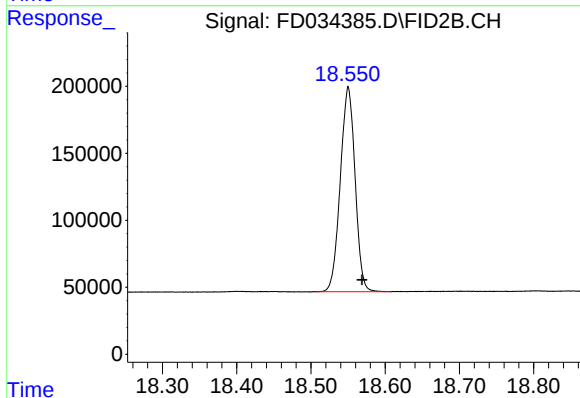
R.T.: 16.841 min
Delta R.T.: -0.018 min
Response: 2345883
Conc: 18.57 ug/ml



#17 n-Tricontane (C30)

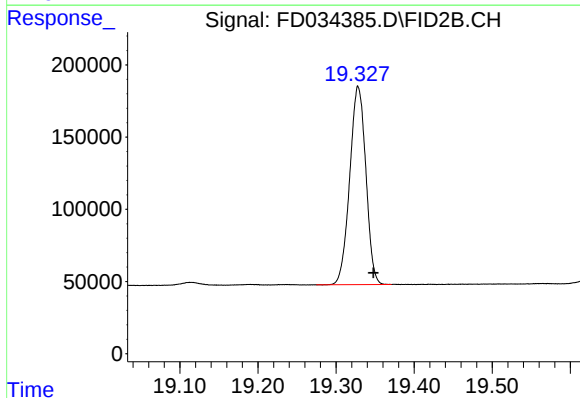
R.T.: 17.723 min
Delta R.T.: -0.020 min
Response: 2285472
Conc: 18.37 ug/ml

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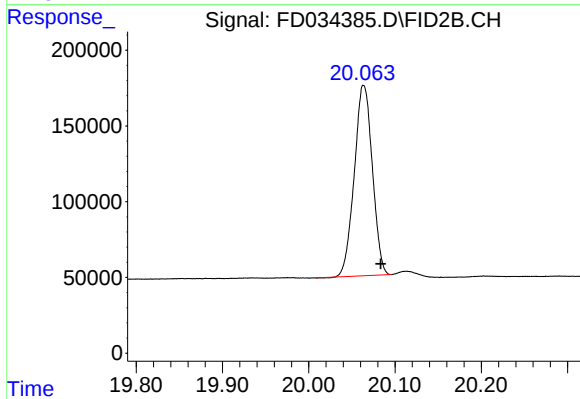
#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: -0.019 min
Response: 2113327
Conc: 18.35 ug/ml



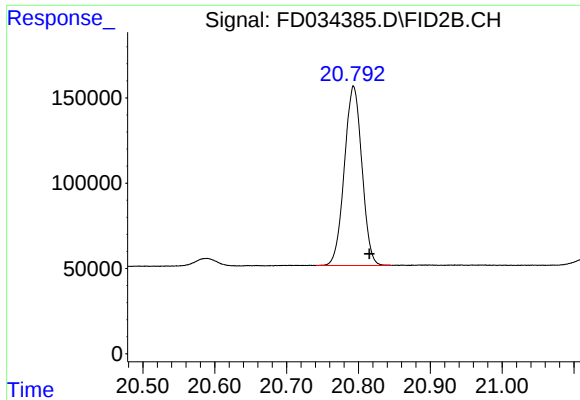
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.019 min
Response: 1968569
Conc: 18.08 ug/ml



#20 n-Hexatriacontane (C36)

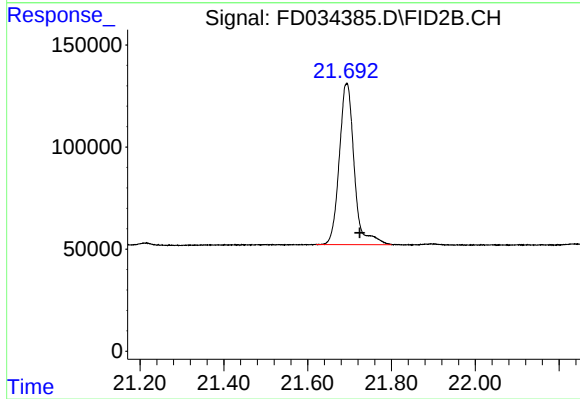
R.T.: 20.064 min
Delta R.T.: -0.020 min
Response: 1830654
Conc: 17.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.793 min
Delta R.T.: -0.022 min
Response: 1785274
Conc: 18.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.693 min
Delta R.T.: -0.031 min
Response: 1954281
Conc: 20.26 ug/ml