

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040921AL\
 Data File : FE033518.D
 Signal(s) : FID1B.CH
 Acq On : 09 Apr 2021 9:43
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 23:38:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Alaphatic EPH 040921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Apr 09 23:38:11 2021
 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)	11.670	44116362	98.872 ug/ml
Spiked Amount 50.000		Recovery =	197.74%
12) S 1-chlorooctadecane (S...	13.100	34943678	99.131 ug/ml
Spiked Amount 50.000		Recovery =	198.26%
Target Compounds			
1) T n-Nonane (C9)	3.458	39482494	97.844 ug/ml
2) T n-Decane (C10)	4.498	39739699	97.853 ug/ml
3) T A~Naphthalene (C11.7)	6.072	44431955	97.866 ug/ml
4) T n-Dodecane (C12)	6.501	40487324	98.186 ug/ml
5) T A~2-methylnaphthalene...	7.131	45505689	98.055 ug/ml
6) T n-Tetradecane (C14)	8.299	40768168	98.657 ug/ml
7) T n-Hexadecane (C16)	9.902	41393232	98.860 ug/ml
8) T n-Octadecane (C18)	11.351	41844571	98.879 ug/ml
10) T n-Eicosane (C20)	12.656	41737794	98.789 ug/ml
11) T n-Heneicosane (C21)	13.269	42227215	98.746 ug/ml
13) T n-Docosane (C22)	13.856	41783933	98.782 ug/ml
14) T n-Tetracosane (C24)	14.959	41444317	98.727 ug/ml
15) T n-Hexacosane (C26)	15.981	41133251	98.882 ug/ml
16) T n-Octacosane (C28)	16.930	39417419	98.969 ug/ml
17) T n-Tricontane (C30)	17.819	40181397	98.868 ug/ml
18) T n-Dotriacontane (C32)	18.652	39817749	98.992 ug/ml
19) T n-Tetratriacontane (C34)	19.436	38638749	100.703 ug/ml
20) T n-Hexatriacontane (C36)	20.176	38484658	104.137 ug/ml
21) T n-Octatriacontane (C38)	20.924	36941709	104.755 ug/ml
22) T n-Tetracontane (C40)	21.861	35091831	106.658 ug/ml

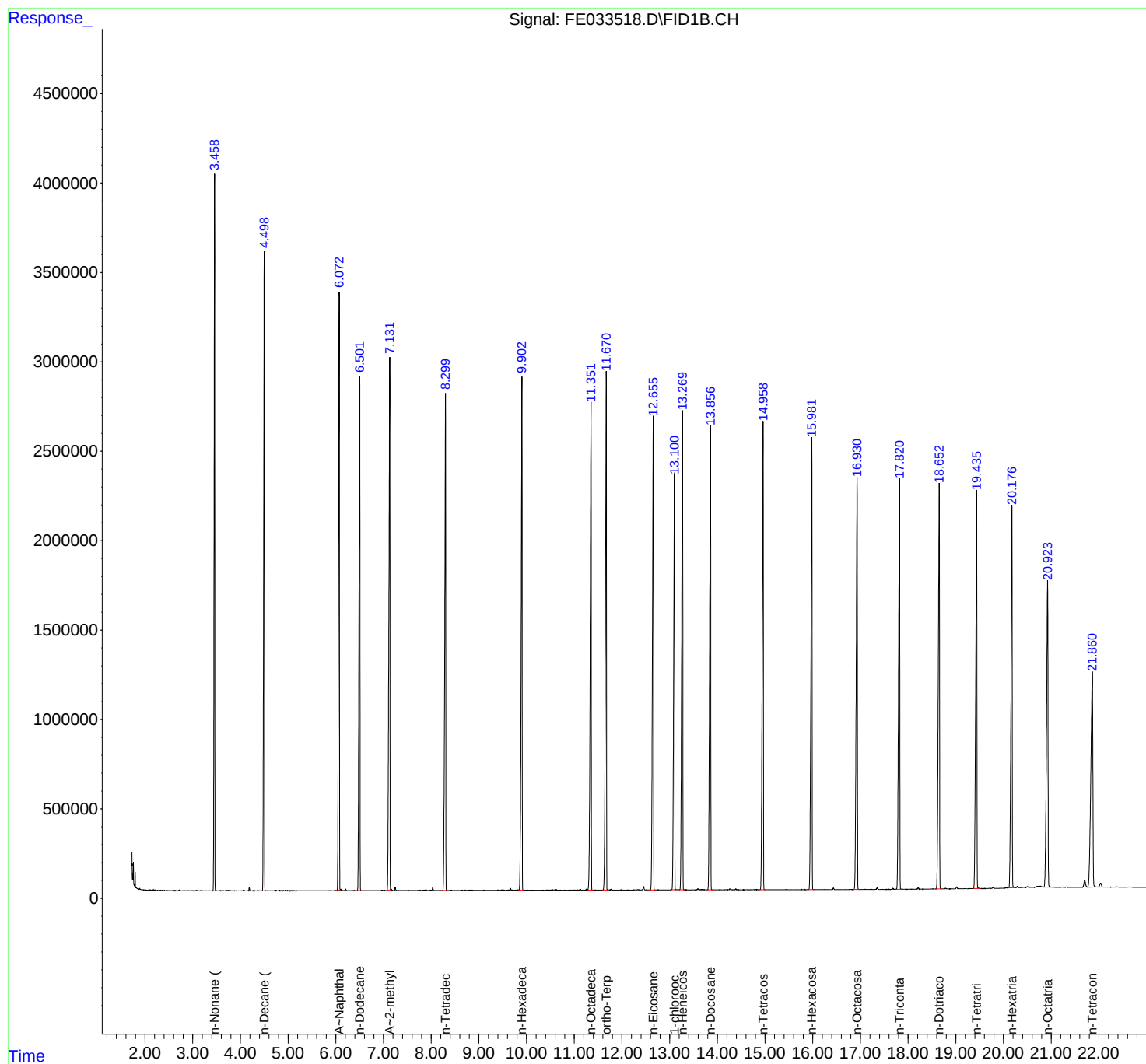
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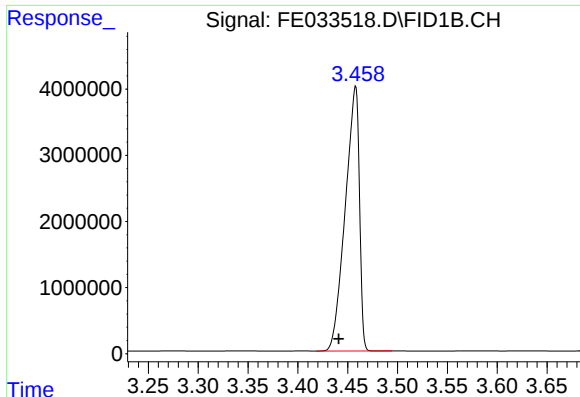
(m)=manual int.

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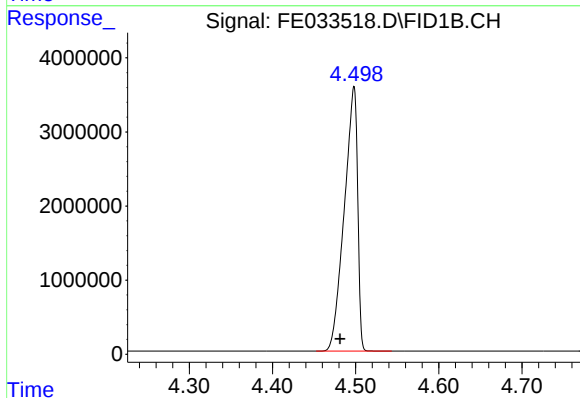
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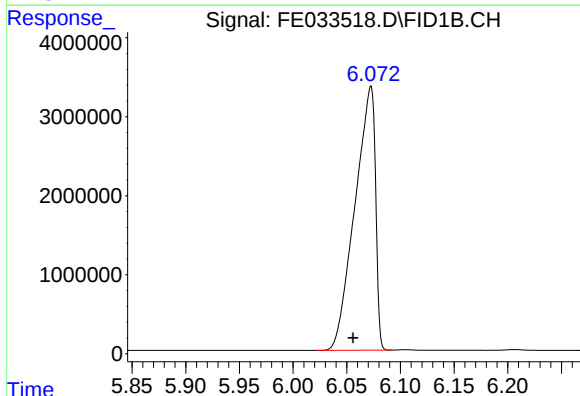
#1 n-Nonane (C9)

R.T.: 3.458 min
Delta R.T.: 0.017 min
Response: 39482494
Conc: 97.84 ug/ml



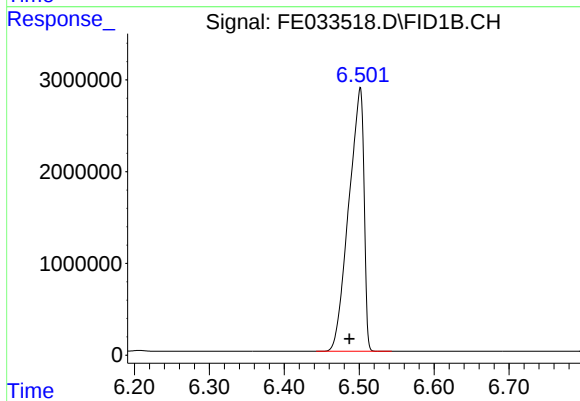
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: 0.017 min
Response: 39739699
Conc: 97.85 ug/ml



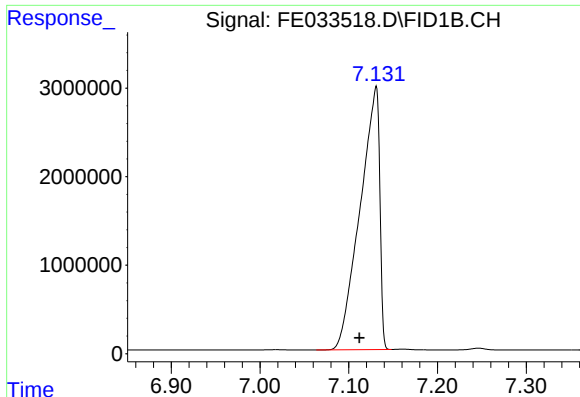
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.016 min
Response: 44431955
Conc: 97.87 ug/ml



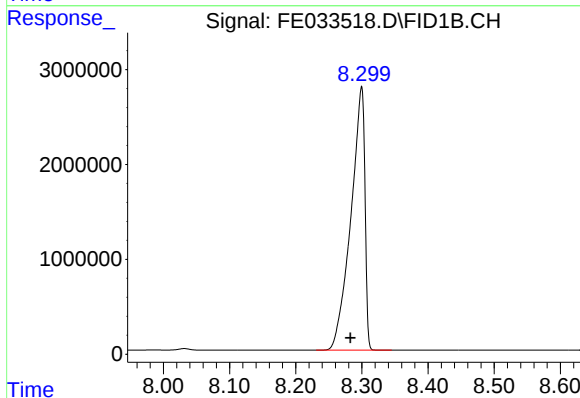
#4 n-Dodecane (C12)

R.T.: 6.501 min
Delta R.T.: 0.014 min
Response: 40487324
Conc: 98.19 ug/ml



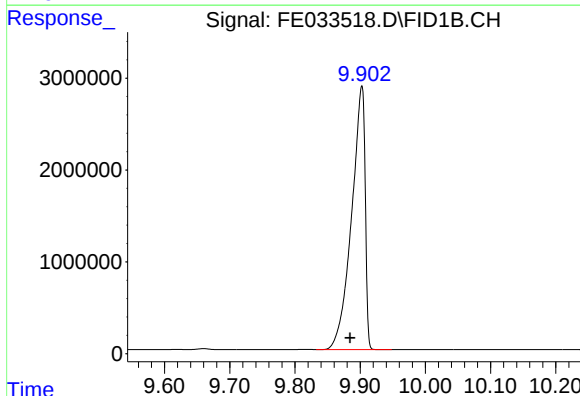
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: 0.018 min
Response: 45505689
Conc: 98.05 ug/ml



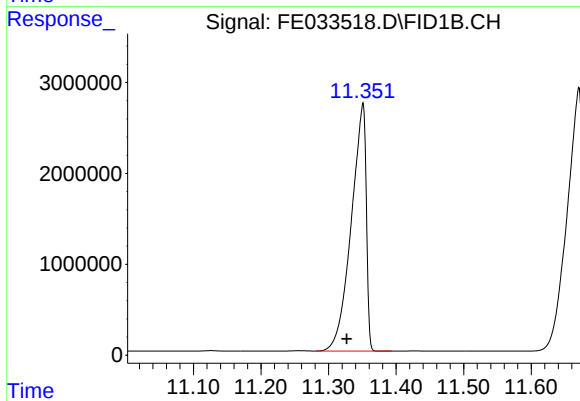
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: 0.017 min
Response: 40768168
Conc: 98.66 ug/ml



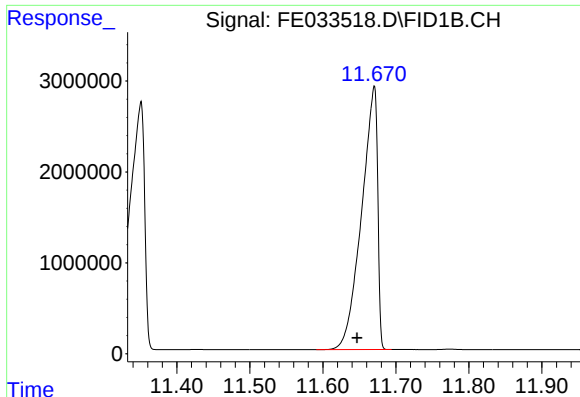
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.018 min
Response: 41393232
Conc: 98.86 ug/ml



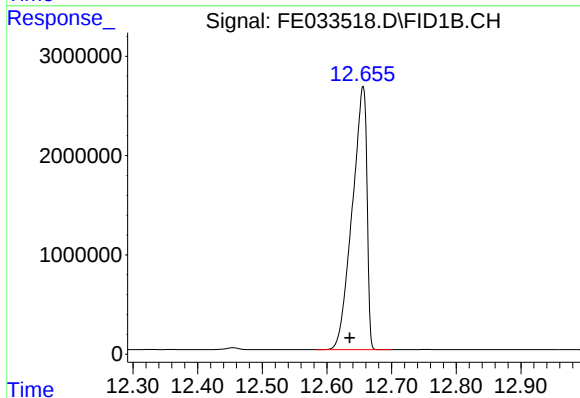
#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: 0.024 min
Response: 41844571
Conc: 98.88 ug/ml



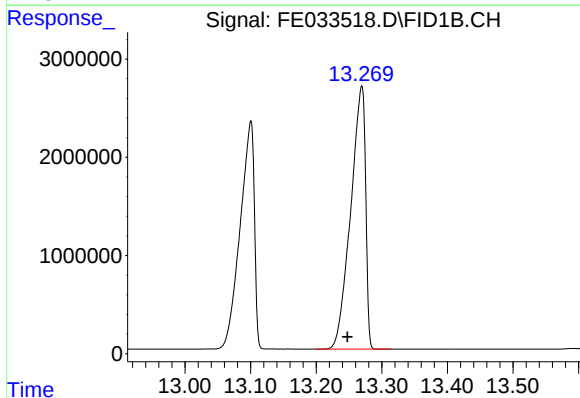
#9 ortho-Terphenyl (SURR)

R.T.: 11.670 min
Delta R.T.: 0.023 min
Response: 44116362
Conc: 98.87 ug/ml



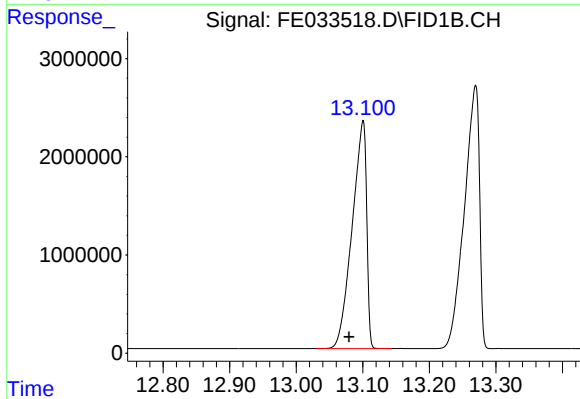
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.020 min
Response: 41737794
Conc: 98.79 ug/ml



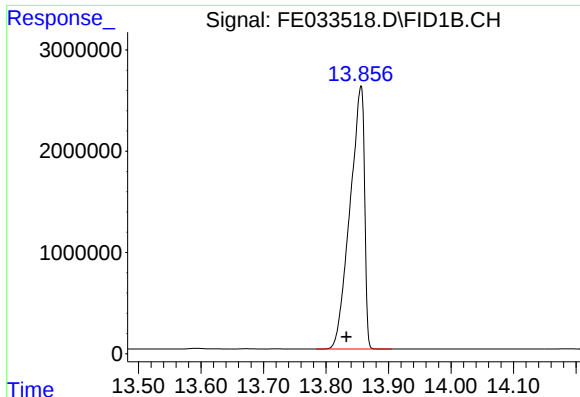
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.022 min
Response: 42227215
Conc: 98.75 ug/ml



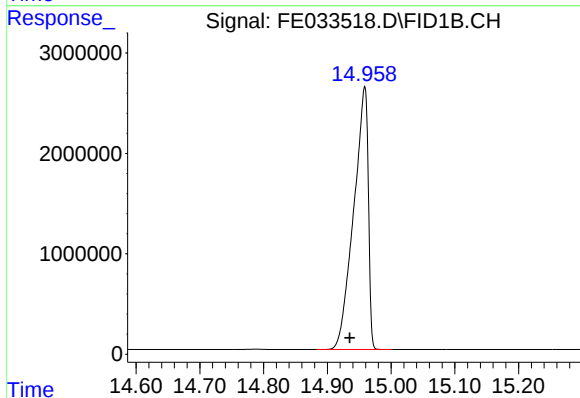
#12 1-chlorooctadecane (SURR)

R.T.: 13.100 min
Delta R.T.: 0.021 min
Response: 34943678
Conc: 99.13 ug/ml



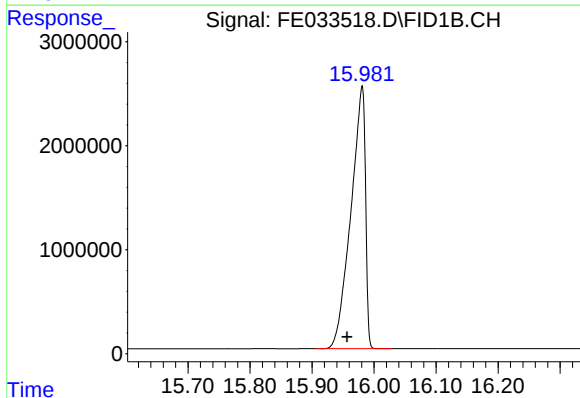
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: 0.023 min
Response: 41783933
Conc: 98.78 ug/ml



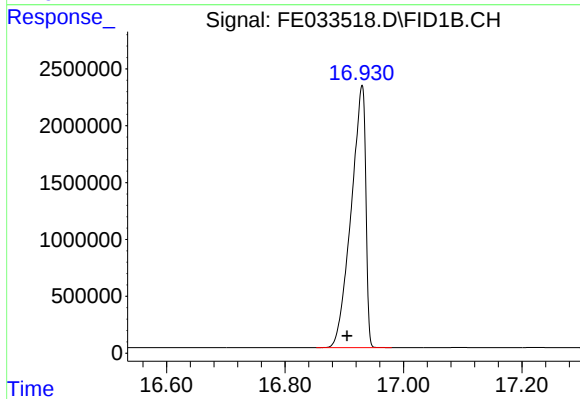
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: 0.023 min
Response: 41444317
Conc: 98.73 ug/ml



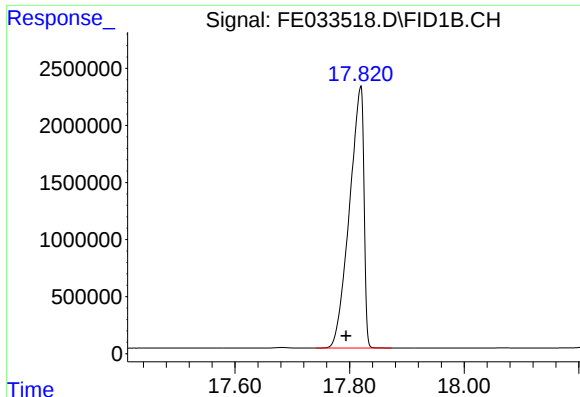
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: 0.024 min
Response: 41133251
Conc: 98.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.930 min
Delta R.T.: 0.025 min
Response: 39417419
Conc: 98.97 ug/ml



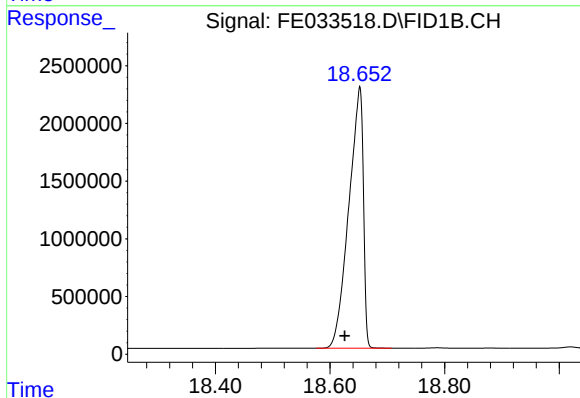
#17 n-Tricontane (C30)

R.T.: 17.819 min

Delta R.T.: 0.026 min

Response: 40181397

Conc: 98.87 ug/ml



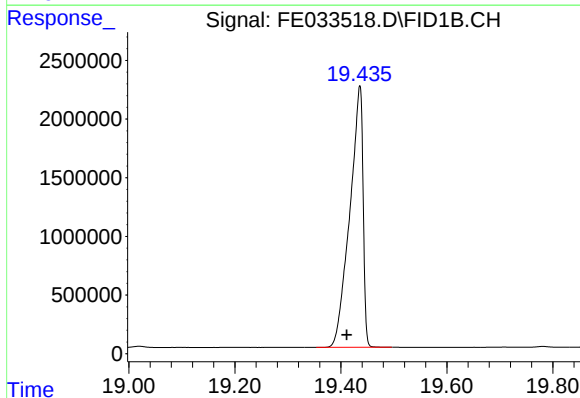
#18 n-Dotriacontane (C32)

R.T.: 18.652 min

Delta R.T.: 0.026 min

Response: 39817749

Conc: 98.99 ug/ml



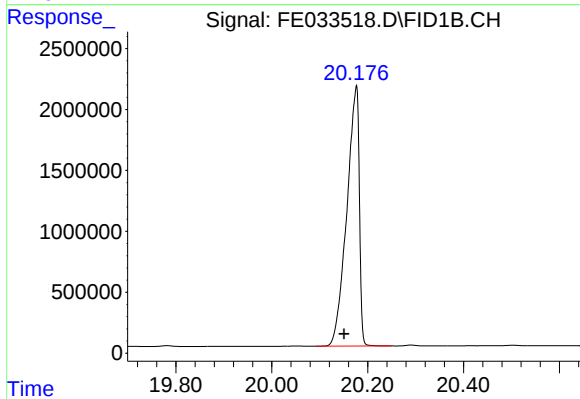
#19 n-Tetratriacontane (C34)

R.T.: 19.436 min

Delta R.T.: 0.025 min

Response: 38638749

Conc: 100.70 ug/ml



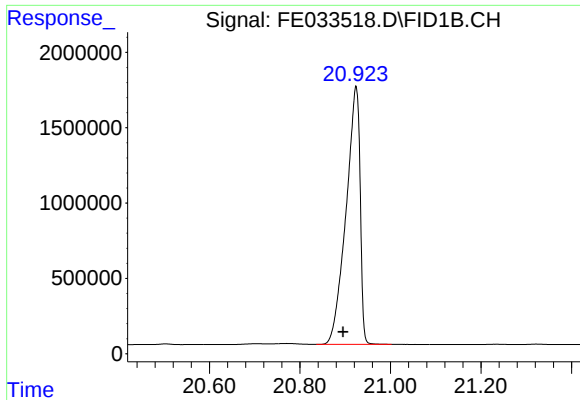
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min

Delta R.T.: 0.026 min

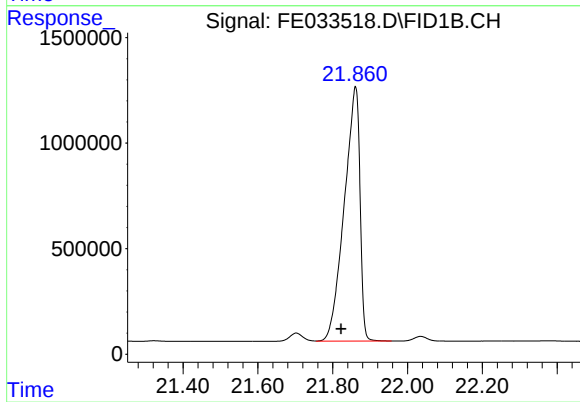
Response: 38484658

Conc: 104.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.924 min
Delta R.T.: 0.029 min
Response: 36941709
Conc: 104.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: 0.038 min
Response: 35091831
Conc: 106.66 ug/ml