

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051922AL\
 Data File : FD042540.D
 Signal(s) : FID2B.CH
 Acq On : 18 May 2022 23:39
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 05:12:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:11:28 2022
 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)	11.205	8024267	48.348 ug/ml
Spiked Amount 50.000		Recovery =	96.70%
12) S 1-chlorooctadecane (S...	12.642	6241250	48.647 ug/ml
Spiked Amount 50.000		Recovery =	97.29%
Target Compounds			
1) T n-Nonane (C9)	3.079	7409411	49.118 ug/ml
2) T n-Decane (C10)	4.123	7386686	49.147 ug/ml
3) T A~Naphthalene (C11.7)	5.671	8051671	52.197 ug/ml
4) T n-Dodecane (C12)	6.116	7648308	49.034 ug/ml
5) T A~2-methylnaphthalene...	6.717	8083245	52.871 ug/ml
6) T n-Tetradecane (C14)	7.892	7651947	48.907 ug/ml
7) T n-Hexadecane (C16)	9.478	7648438	48.842 ug/ml
8) T n-Octadecane (C18)	10.908	7589360	48.659 ug/ml
10) T n-Eicosane (C20)	12.205	7354822	48.244 ug/ml
11) T n-Heneicosane (C21)	12.813	7270878	48.091 ug/ml
13) T n-Docosane (C22)	13.396	7143259	48.189 ug/ml
14) T n-Tetracosane (C24)	14.490	6877833	48.100 ug/ml
15) T n-Hexacosane (C26)	15.504	6644236	48.058 ug/ml
16) T n-Octacosane (C28)	16.449	6468057	48.072 ug/ml
17) T n-Tricontane (C30)	17.330	6290024	47.879 ug/ml
18) T n-Dotriacontane (C32)	18.158	6005162	48.039 ug/ml
19) T n-Tetratriacontane (C34)	18.937	5742184	48.340 ug/ml
20) T n-Hexatriacontane (C36)	19.674	5462711	48.593 ug/ml
21) T n-Octatriacontane (C38)	20.371	5322476	49.841 ug/ml
22) T n-Tetracontane (C40)	21.141	5222692	49.520 ug/ml

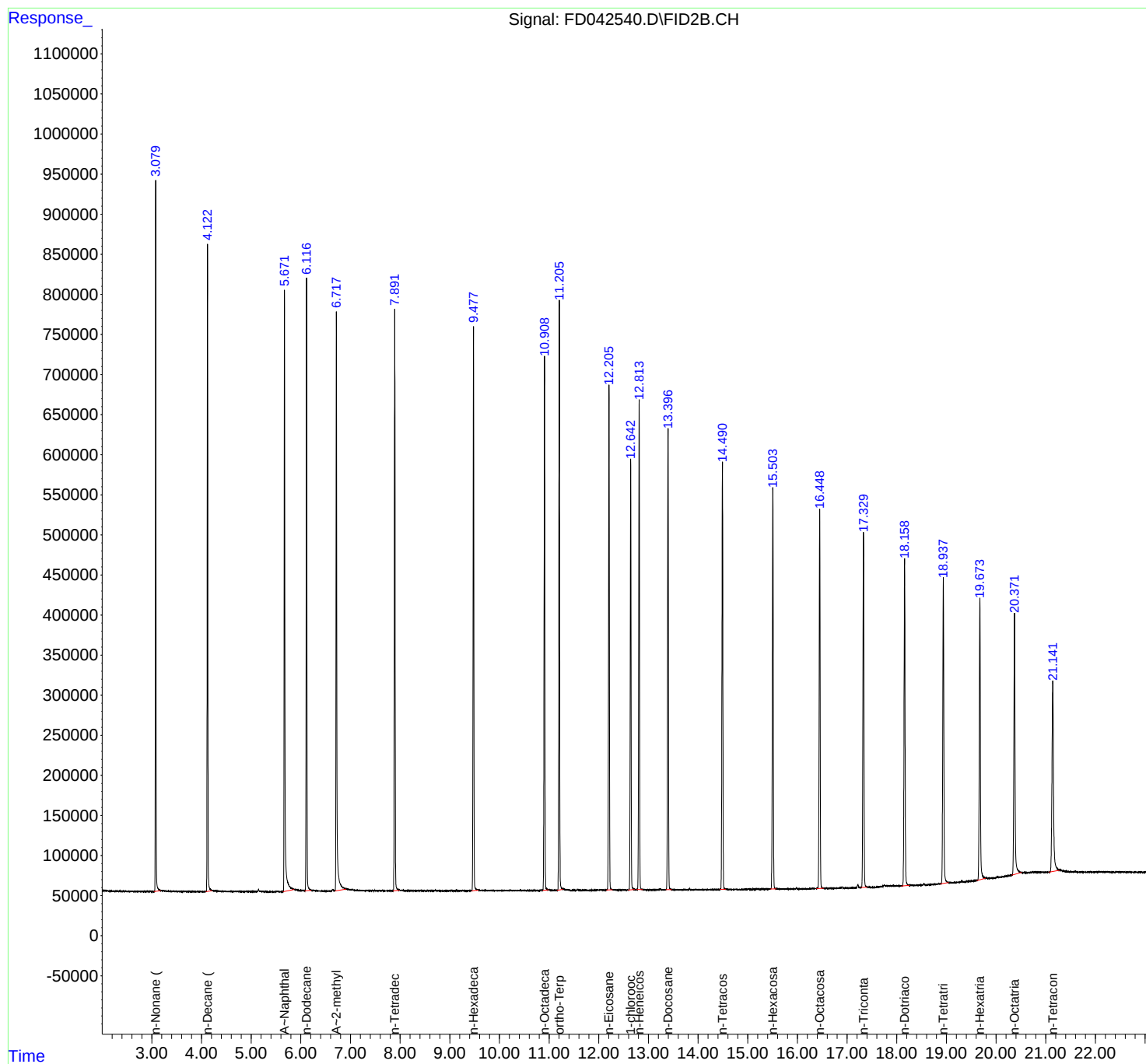
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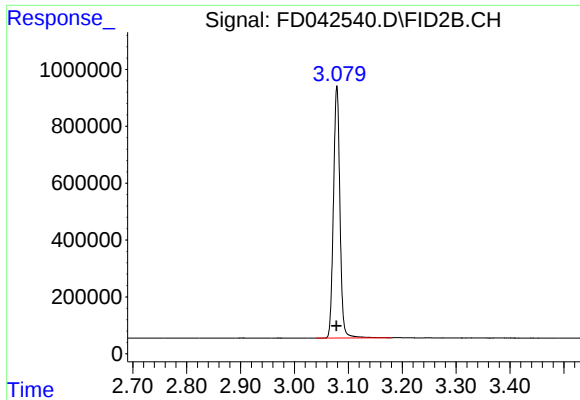
(m)=manual int.

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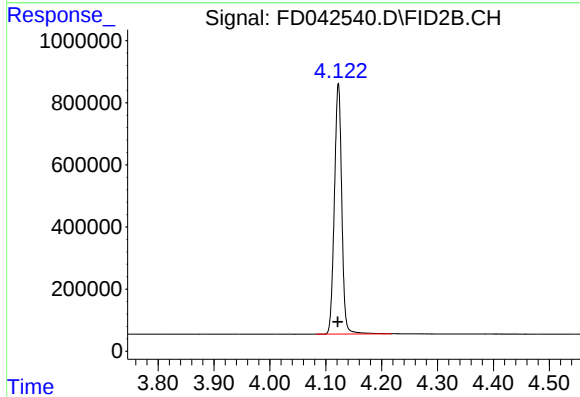
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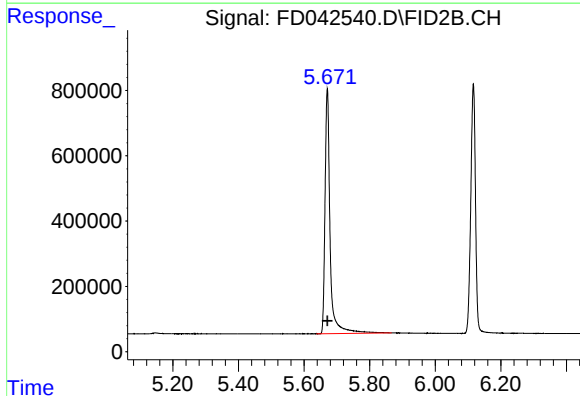
#1 n-Nonane (C9)

R.T.: 3.079 min
Delta R.T.: 0.000 min
Response: 7409411
Conc: 49.12 ug/ml



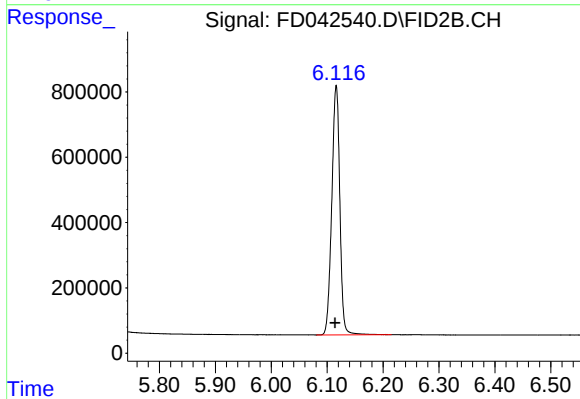
#2 n-Decane (C10)

R.T.: 4.123 min
Delta R.T.: 0.001 min
Response: 7386686
Conc: 49.15 ug/ml



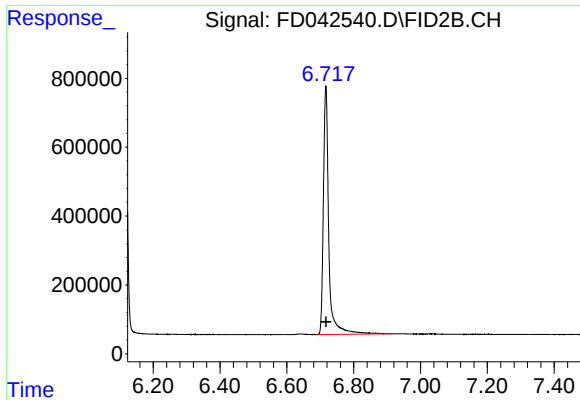
#3 A~Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 8051671
Conc: 52.20 ug/ml



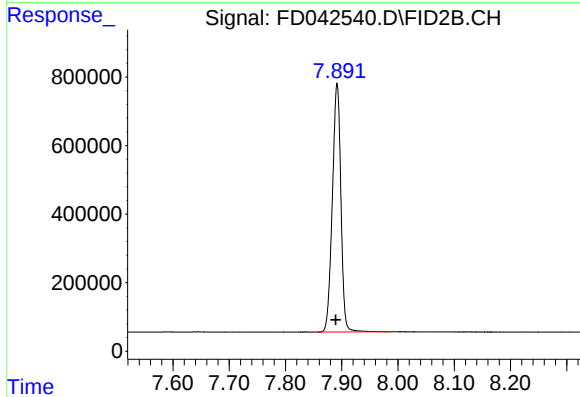
#4 n-Dodecane (C12)

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 7648308
Conc: 49.03 ug/ml



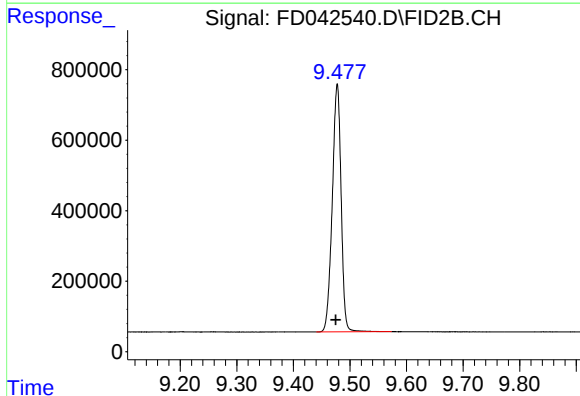
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 8083245
Conc: 52.87 ug/ml



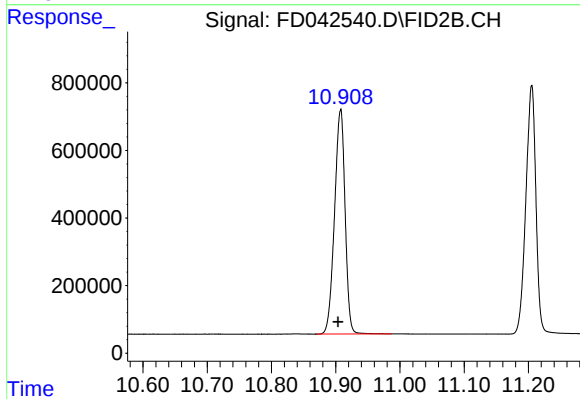
#6 n-Tetradecane (C14)

R.T.: 7.892 min
Delta R.T.: 0.003 min
Response: 7651947
Conc: 48.91 ug/ml



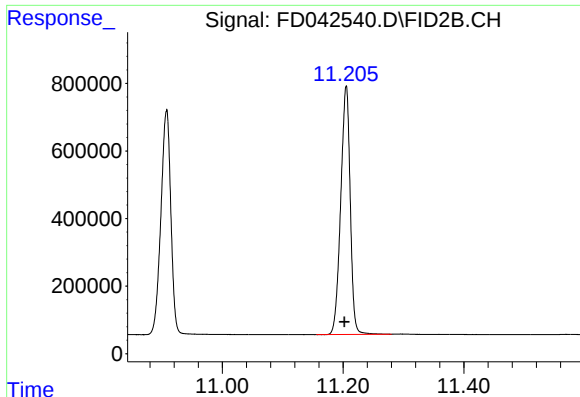
#7 n-Hexadecane (C16)

R.T.: 9.478 min
Delta R.T.: 0.003 min
Response: 7648438
Conc: 48.84 ug/ml



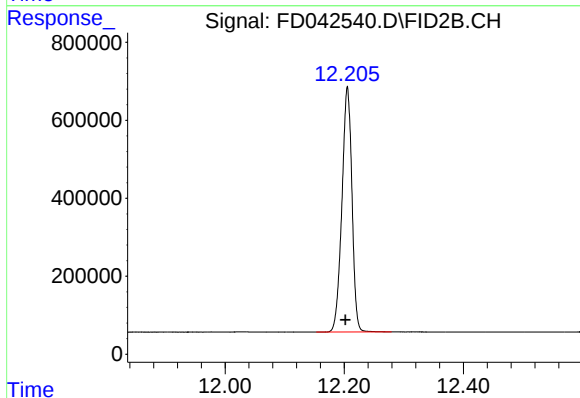
#8 n-Octadecane (C18)

R.T.: 10.908 min
Delta R.T.: 0.004 min
Response: 7589360
Conc: 48.66 ug/ml



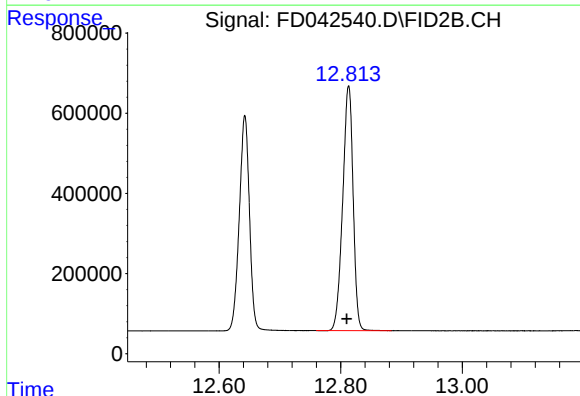
#9 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: 0.003 min
Response: 8024267
Conc: 48.35 ug/ml



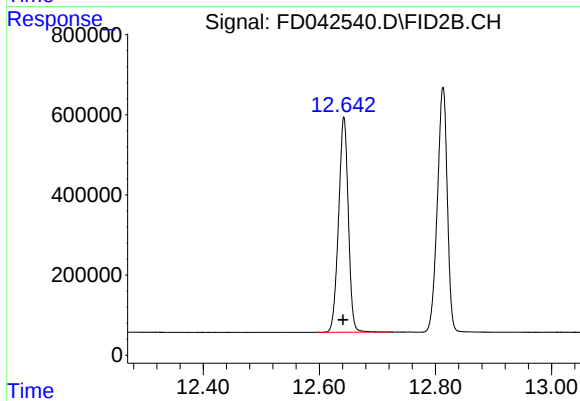
#10 n-Eicosane (C20)

R.T.: 12.205 min
Delta R.T.: 0.003 min
Response: 7354822
Conc: 48.24 ug/ml



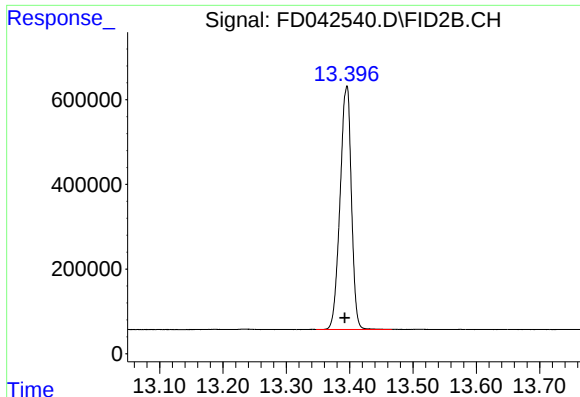
#11 n-Heneicosane (C21)

R.T.: 12.813 min
Delta R.T.: 0.003 min
Response: 7270878
Conc: 48.09 ug/ml



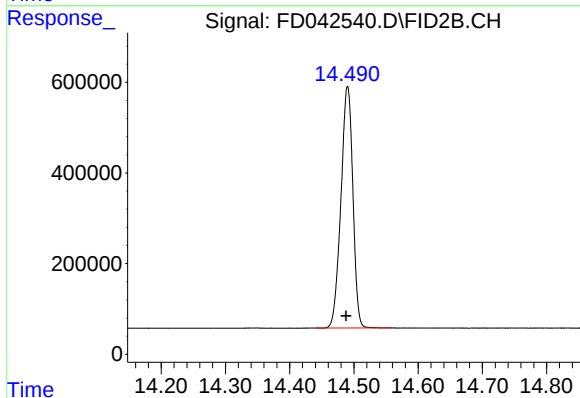
#12 1-chlorooctadecane (SURR)

R.T.: 12.642 min
Delta R.T.: 0.002 min
Response: 6241250
Conc: 48.65 ug/ml



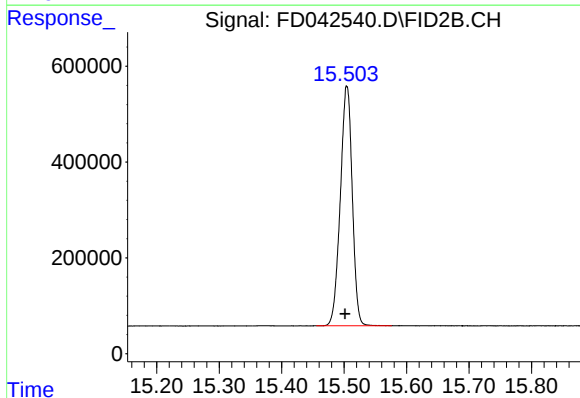
#13 n-Docosane (C22)

R.T.: 13.396 min
Delta R.T.: 0.003 min
Response: 7143259
Conc: 48.19 ug/ml



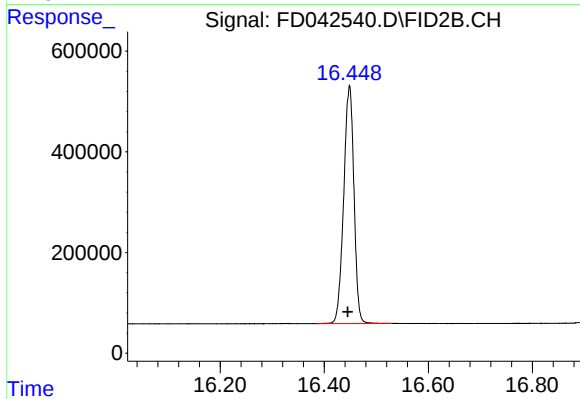
#14 n-Tetracosane (C24)

R.T.: 14.490 min
Delta R.T.: 0.002 min
Response: 6877833
Conc: 48.10 ug/ml



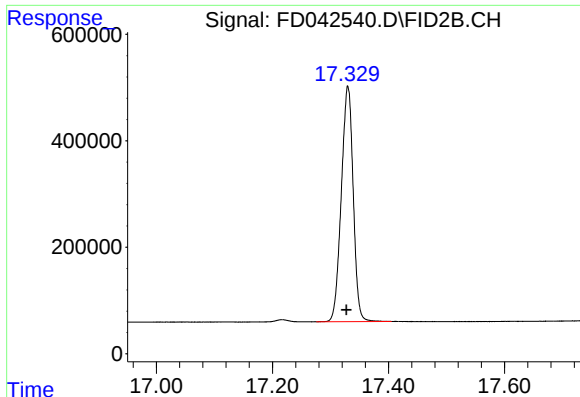
#15 n-Hexacosane (C26)

R.T.: 15.504 min
Delta R.T.: 0.003 min
Response: 6644236
Conc: 48.06 ug/ml



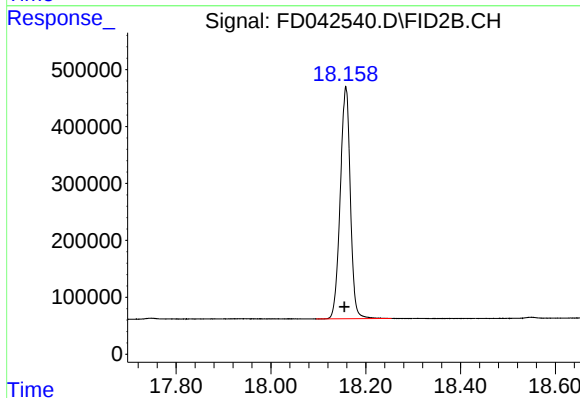
#16 n-Octacosane (C28)

R.T.: 16.449 min
Delta R.T.: 0.003 min
Response: 6468057
Conc: 48.07 ug/ml



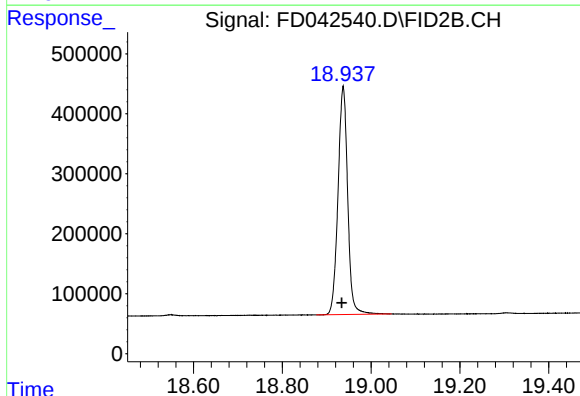
#17 n-Tricontane (C30)

R.T.: 17.330 min
Delta R.T.: 0.003 min
Response: 6290024
Conc: 47.88 ug/ml



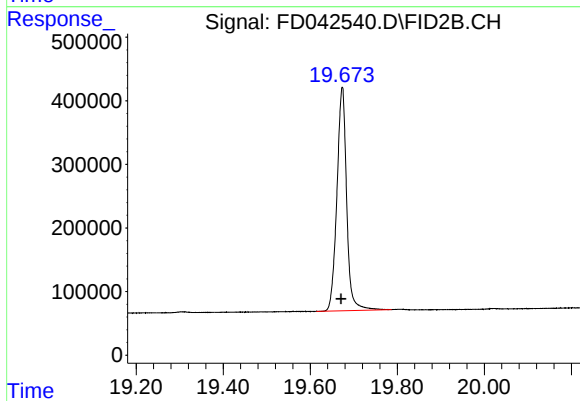
#18 n-Dotriacontane (C32)

R.T.: 18.158 min
Delta R.T.: 0.003 min
Response: 6005162
Conc: 48.04 ug/ml



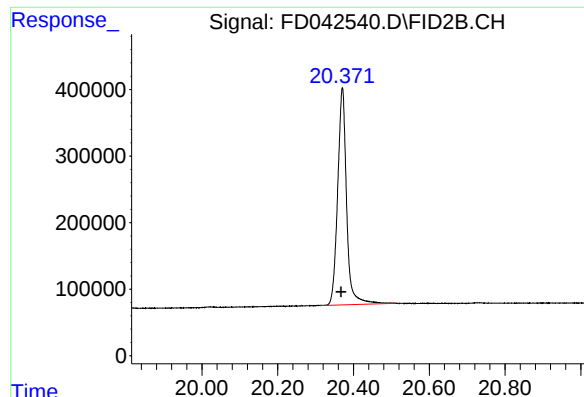
#19 n-Tetratriacontane (C34)

R.T.: 18.937 min
Delta R.T.: 0.003 min
Response: 5742184
Conc: 48.34 ug/ml



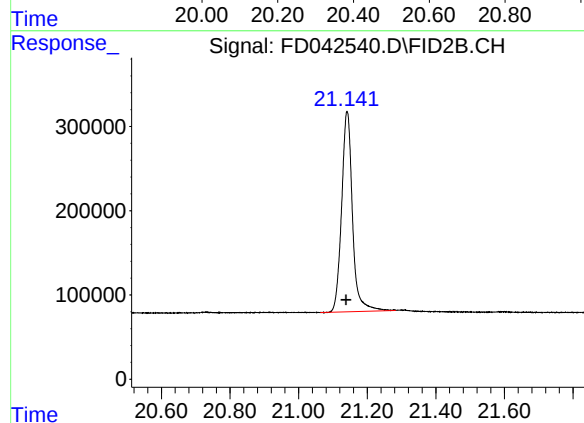
#20 n-Hexatriacontane (C36)

R.T.: 19.674 min
Delta R.T.: 0.003 min
Response: 5462711
Conc: 48.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.371 min
Delta R.T.: 0.004 min
Response: 5322476
Conc: 49.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.141 min
Delta R.T.: 0.003 min
Response: 5222692
Conc: 49.52 ug/ml