

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052322AL\
 Data File : FD042626.D
 Signal(s) : FID2B.CH
 Acq On : 23 May 2022 14:29
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 24 01:10:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 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)	11.202	3015347	17.994 ug/ml
Spiked Amount 50.000		Recovery =	35.99%
12) S 1-chlorooctadecane (S...	12.641	2315923	17.961 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
1) T n-Nonane (C9)	3.079	2742525	18.059 ug/ml
2) T n-Decane (C10)	4.122	2750736	18.284 ug/ml
3) T A~Naphthalene (C11.7)	5.672	2809674	18.240 ug/ml
4) T n-Dodecane (C12)	6.114	2852490	18.153 ug/ml
5) T A~2-methylnaphthalene...	6.717	2810464	18.264 ug/ml
6) T n-Tetradecane (C14)	7.889	2868117	18.202 ug/ml
7) T n-Hexadecane (C16)	9.475	2873983	18.196 ug/ml
8) T n-Octadecane (C18)	10.905	2873655	18.220 ug/ml
10) T n-Eicosane (C20)	12.204	2809031	18.236 ug/ml
11) T n-Heneicosane (C21)	12.811	2751330	17.994 ug/ml
13) T n-Docosane (C22)	13.393	2860165	19.101 ug/ml
14) T n-Tetracosane (C24)	14.490	2965321	20.558 ug/ml
15) T n-Hexacosane (C26)	15.505	3041314	21.717 ug/ml
16) T n-Octacosane (C28)	16.448	3216086	23.592 ug/ml
17) T n-Tricontane (C30)	17.332	3306681	24.837 ug/ml
18) T n-Dotriacontane (C32)	18.161	3145891	24.723 ug/ml
19) T n-Tetratriacontane (C34)	18.939	2890452	23.949 ug/ml
20) T n-Hexatriacontane (C36)	19.675	2715570	23.978 ug/ml
21) T n-Octatriacontane (C38)	20.371	2560597	23.712 ug/mlm
22) T n-Tetracontane (C40)	21.143	2570088	24.092 ug/mlm

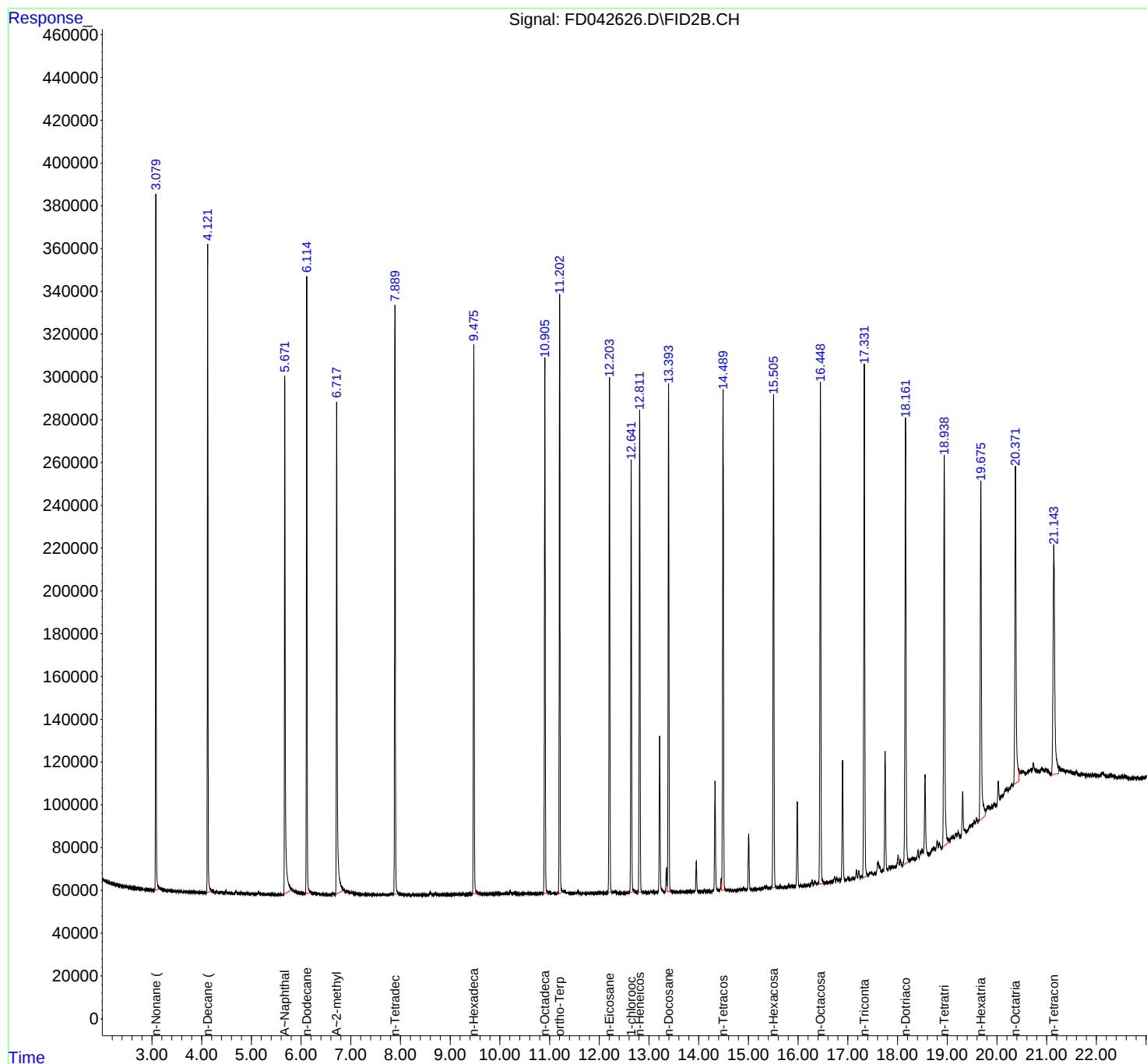
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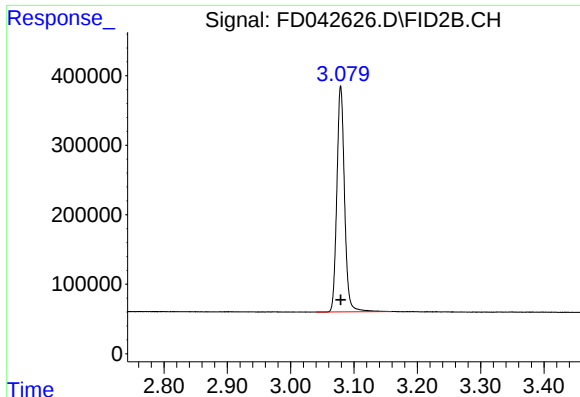
(m)=manual int.

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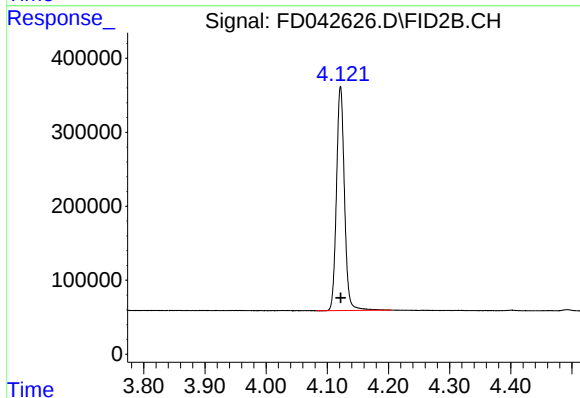
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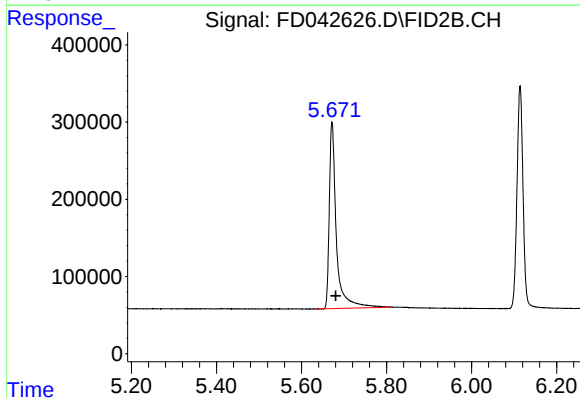
#1 n-Nonane (C9)

R.T.: 3.079 min
Delta R.T.: 0.000 min
Response: 2742525
Conc: 18.06 ug/ml



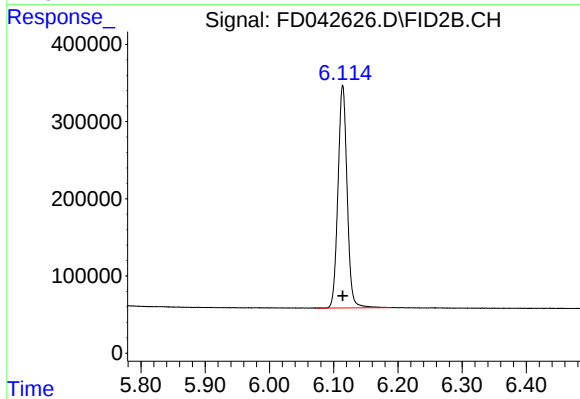
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: 0.000 min
Response: 2750736
Conc: 18.28 ug/ml



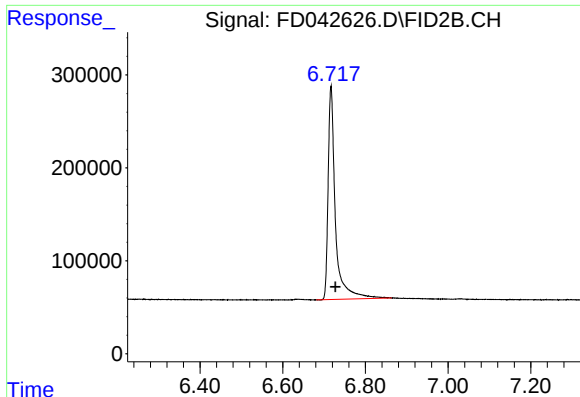
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.009 min
Response: 2809674
Conc: 18.24 ug/ml



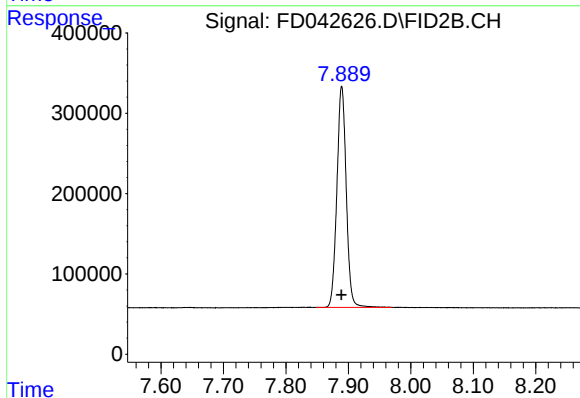
#4 n-Dodecane (C12)

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 2852490
Conc: 18.15 ug/ml



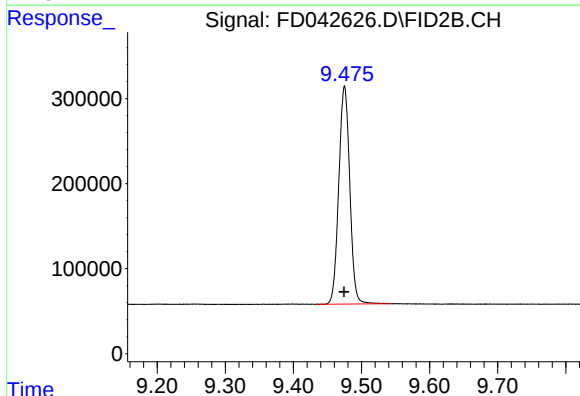
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.011 min
Response: 2810464
Conc: 18.26 ug/ml



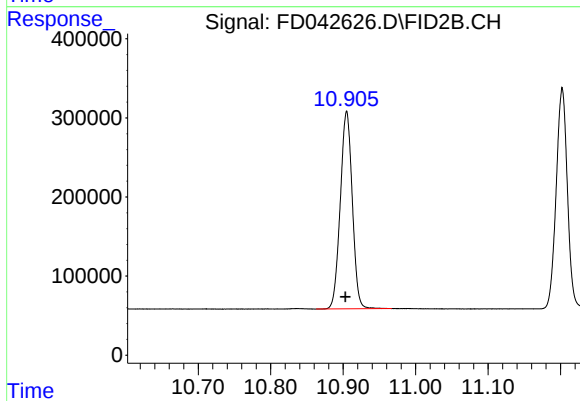
#6 n-Tetradecane (C14)

R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 2868117
Conc: 18.20 ug/ml



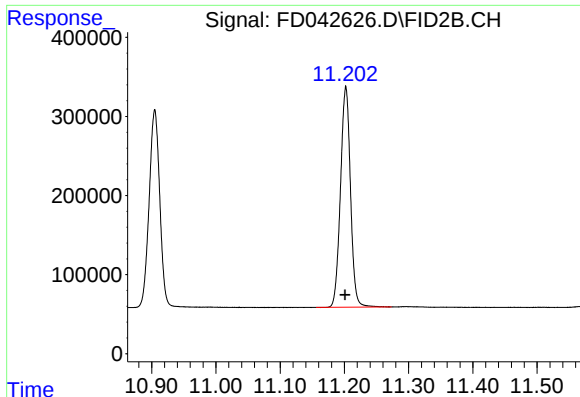
#7 n-Hexadecane (C16)

R.T.: 9.475 min
Delta R.T.: 0.000 min
Response: 2873983
Conc: 18.20 ug/ml



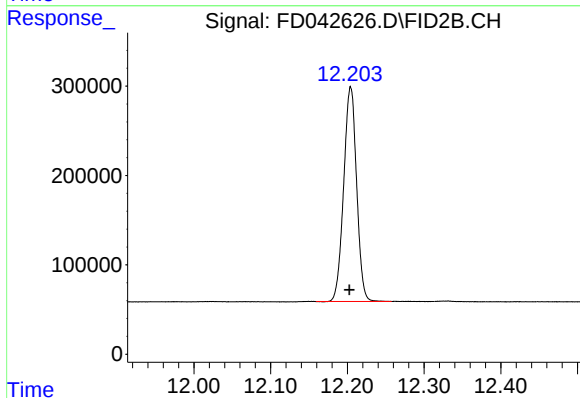
#8 n-Octadecane (C18)

R.T.: 10.905 min
Delta R.T.: 0.002 min
Response: 2873655
Conc: 18.22 ug/ml



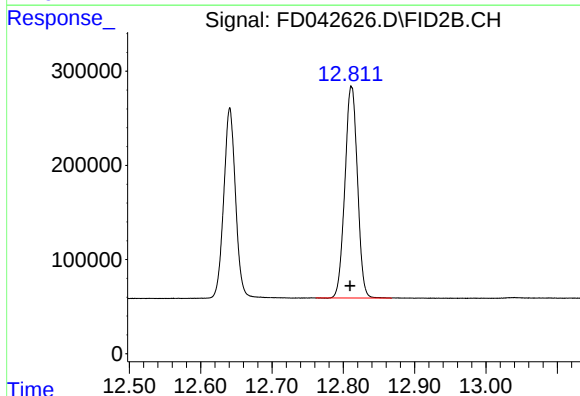
#9 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: 0.001 min
Response: 3015347
Conc: 17.99 ug/ml



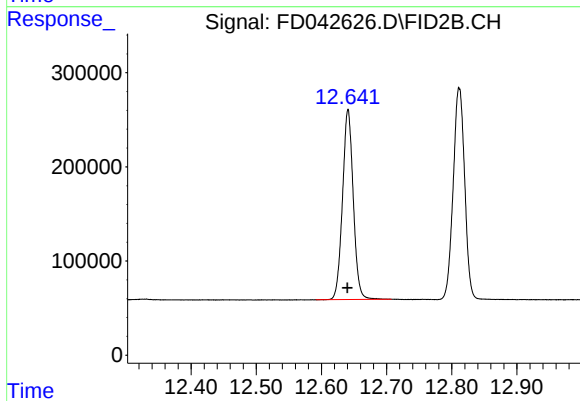
#10 n-Eicosane (C20)

R.T.: 12.204 min
Delta R.T.: 0.002 min
Response: 2809031
Conc: 18.24 ug/ml



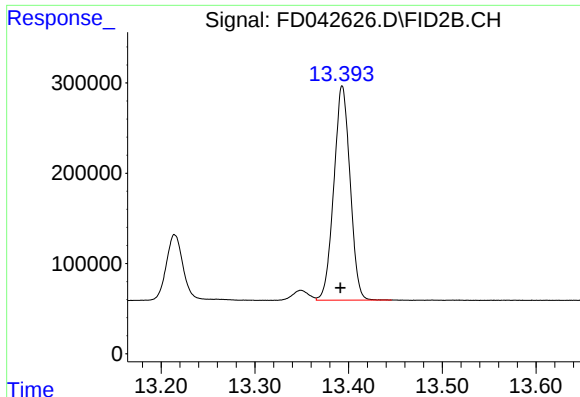
#11 n-Heneicosane (C21)

R.T.: 12.811 min
Delta R.T.: 0.002 min
Response: 2751330
Conc: 17.99 ug/ml



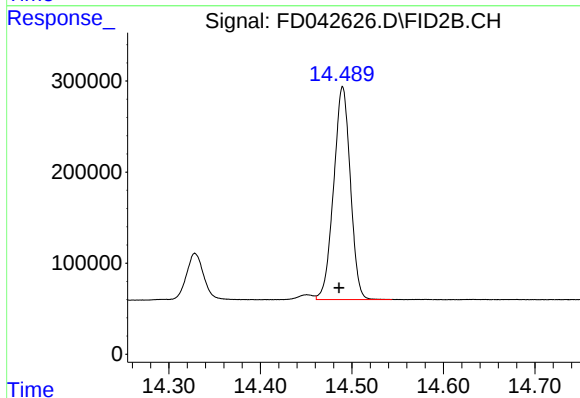
#12 1-chlorooctadecane (SURR)

R.T.: 12.641 min
Delta R.T.: 0.001 min
Response: 2315923
Conc: 17.96 ug/ml



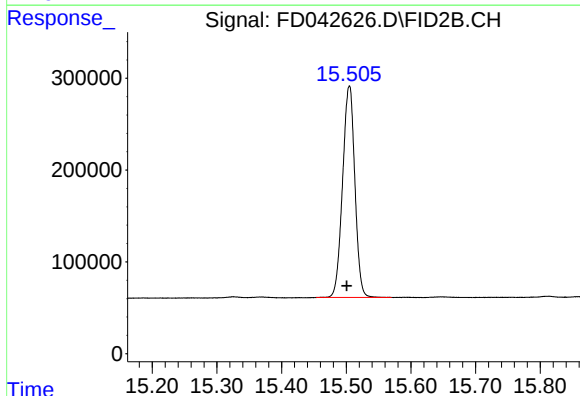
#13 n-Docosane (C22)

R.T.: 13.393 min
Delta R.T.: 0.002 min
Response: 2860165
Conc: 19.10 ug/ml



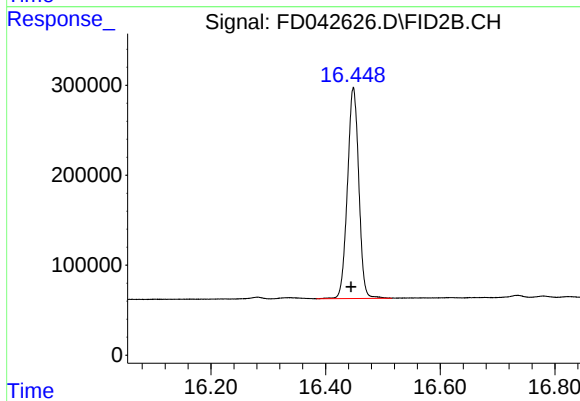
#14 n-Tetracosane (C24)

R.T.: 14.490 min
Delta R.T.: 0.004 min
Response: 2965321
Conc: 20.56 ug/ml



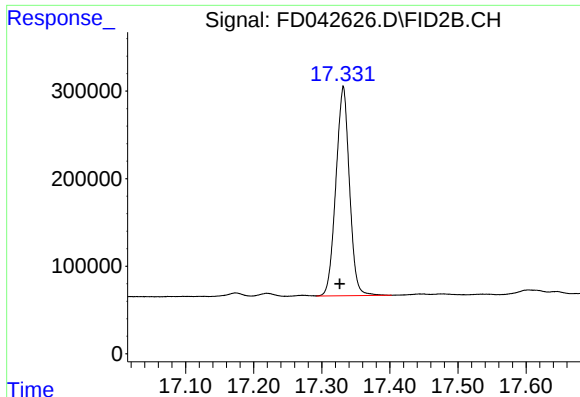
#15 n-Hexacosane (C26)

R.T.: 15.505 min
Delta R.T.: 0.004 min
Response: 3041314
Conc: 21.72 ug/ml



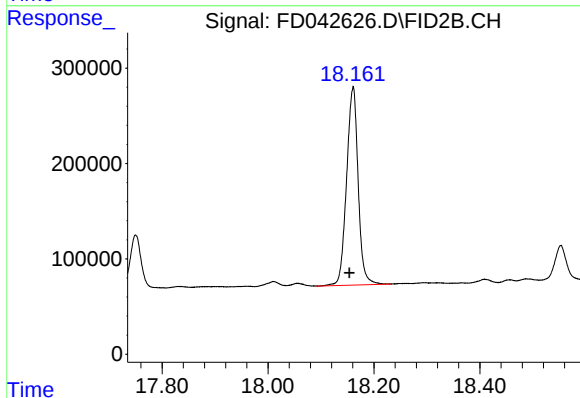
#16 n-Octacosane (C28)

R.T.: 16.448 min
Delta R.T.: 0.004 min
Response: 3216086
Conc: 23.59 ug/ml



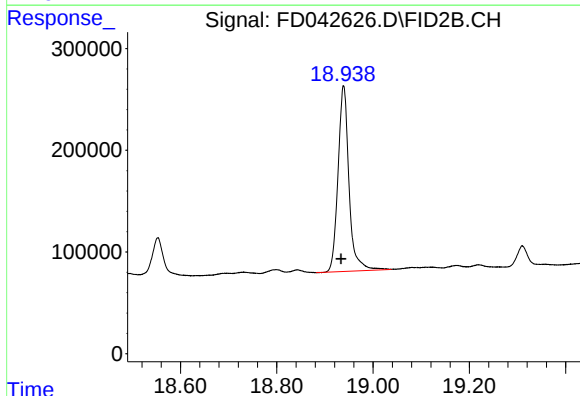
#17 n-Tricontane (C30)

R.T.: 17.332 min
Delta R.T.: 0.005 min
Response: 3306681
Conc: 24.84 ug/ml



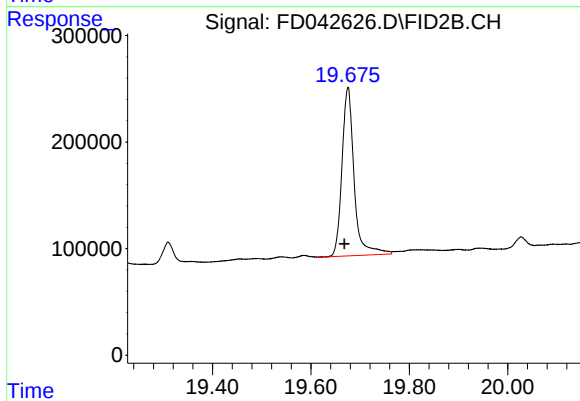
#18 n-Dotriacontane (C32)

R.T.: 18.161 min
Delta R.T.: 0.007 min
Response: 3145891
Conc: 24.72 ug/ml



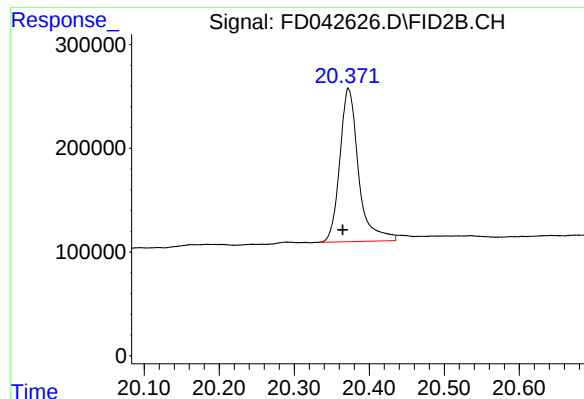
#19 n-Tetratriacontane (C34)

R.T.: 18.939 min
Delta R.T.: 0.006 min
Response: 2890452
Conc: 23.95 ug/ml



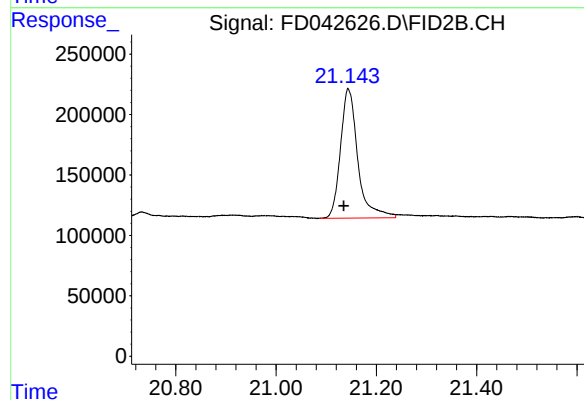
#20 n-Hexatriacontane (C36)

R.T.: 19.675 min
Delta R.T.: 0.007 min
Response: 2715570
Conc: 23.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.371 min
Delta R.T.: 0.007 min
Response: 2560597
Conc: 23.71 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.143 min
Delta R.T.: 0.008 min
Response: 2570088
Conc: 24.09 ug/ml m