

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031822AL\
 Data File : FD041632.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2022 15:30
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 19 00:50:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.232	3421553	19.725 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	12.670	2638976	19.492 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
Target Compounds			
1) T n-Nonane (C9)	3.100	3054531	20.976 ug/ml
2) T n-Decane (C10)	4.144	3024367	20.945 ug/ml
3) T A~Naphthalene (C11.7)	5.694	3285167	20.565 ug/ml
4) T n-Dodecane (C12)	6.139	3135543	21.171 ug/ml
5) T A~2-methylnaphthalene...	6.740	3274948	20.465 ug/ml
6) T n-Tetradecane (C14)	7.916	3146349	21.017 ug/ml
7) T n-Hexadecane (C16)	9.503	3168870	20.816 ug/ml
8) T n-Octadecane (C18)	10.933	3192358	20.539 ug/ml
10) T n-Eicosane (C20)	12.233	3127407	20.145 ug/ml
11) T n-Heneicosane (C21)	12.841	3103170	19.818 ug/ml
13) T n-Docosane (C22)	13.424	3141728	20.061 ug/ml
14) T n-Tetracosane (C24)	14.519	3161534	20.156 ug/ml
15) T n-Hexacosane (C26)	15.533	3123117	20.327 ug/ml
16) T n-Octacosane (C28)	16.478	3130487	21.034 ug/ml
17) T n-Tricontane (C30)	17.361	3092902	21.982 ug/ml
18) T n-Dotriacontane (C32)	18.188	2886855	22.691 ug/ml
19) T n-Tetratriacontane (C34)	18.968	2601277	22.839 ug/ml
20) T n-Hexatriacontane (C36)	19.704	2360137	23.027 ug/ml
21) T n-Octatriacontane (C38)	20.399	2259485	23.798 ug/ml
22) T n-Tetracontane (C40)	21.181	2210946	23.329 ug/ml

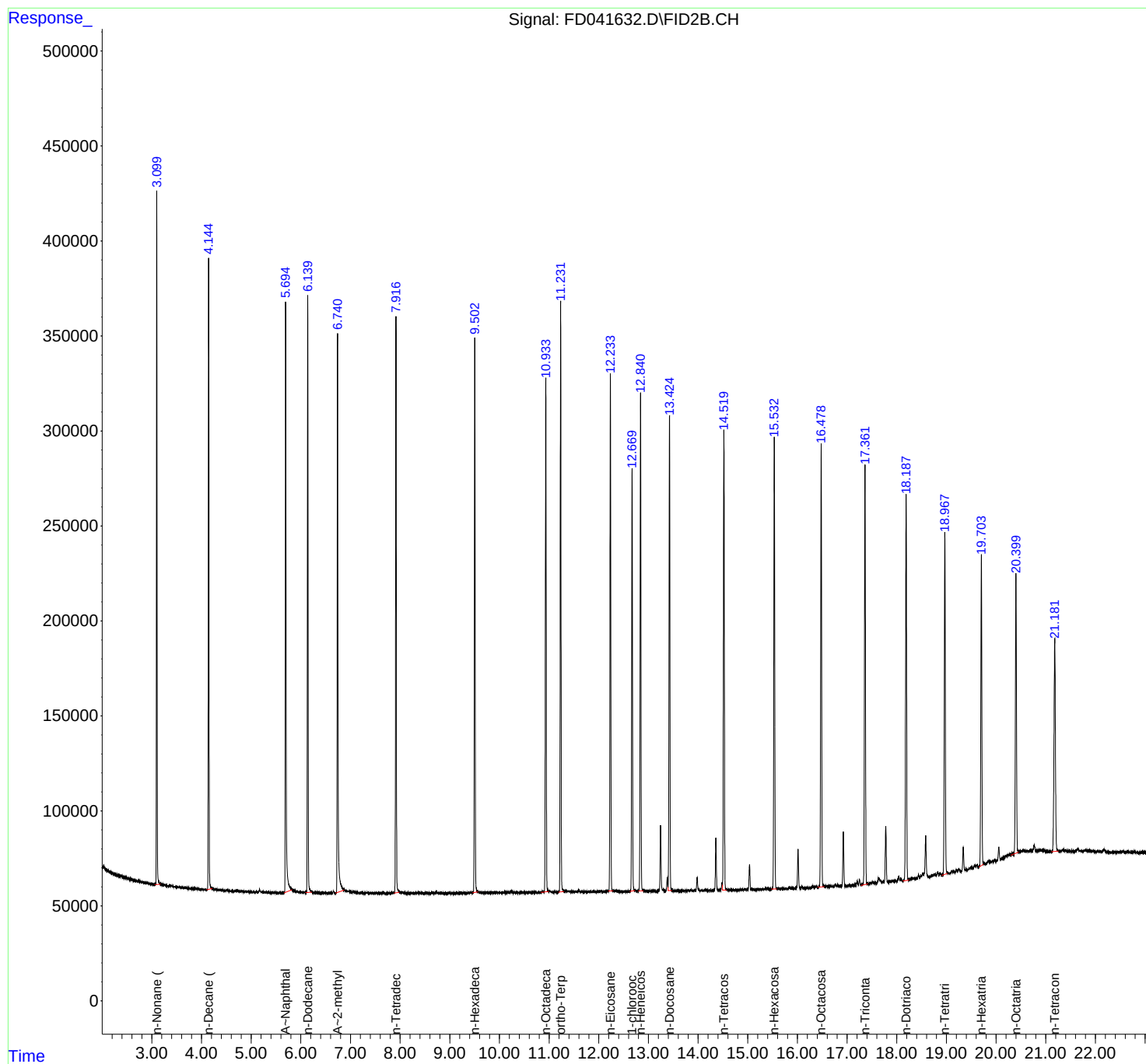
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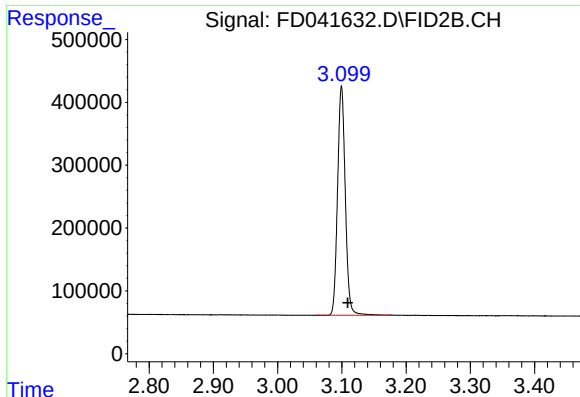
(m)=manual int.

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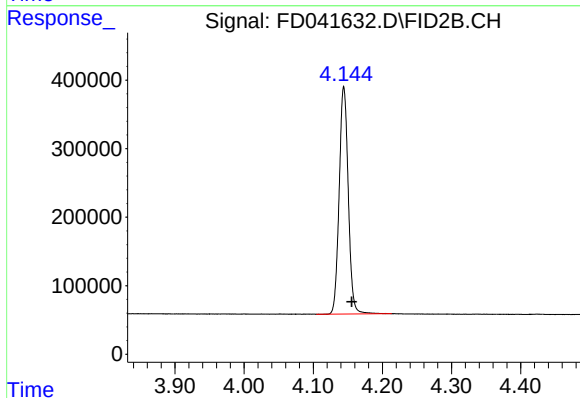
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





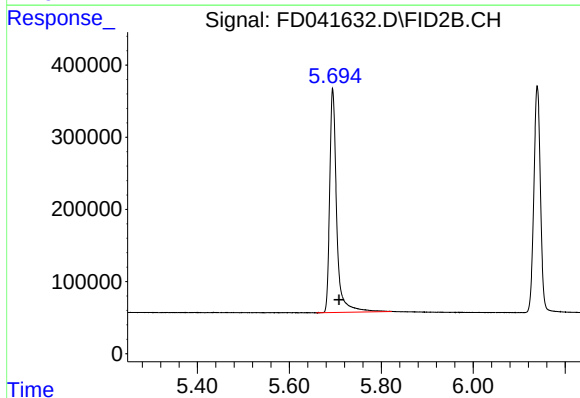
#1 n-Nonane (C9)

R.T.: 3.100 min
Delta R.T.: -0.009 min
Response: 3054531
Conc: 20.98 ug/ml



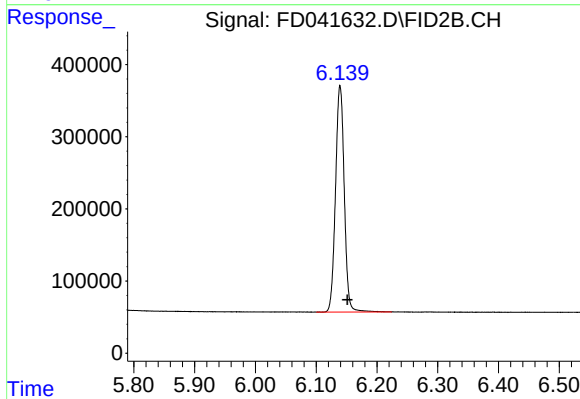
#2 n-Decane (C10)

R.T.: 4.144 min
Delta R.T.: -0.011 min
Response: 3024367
Conc: 20.95 ug/ml



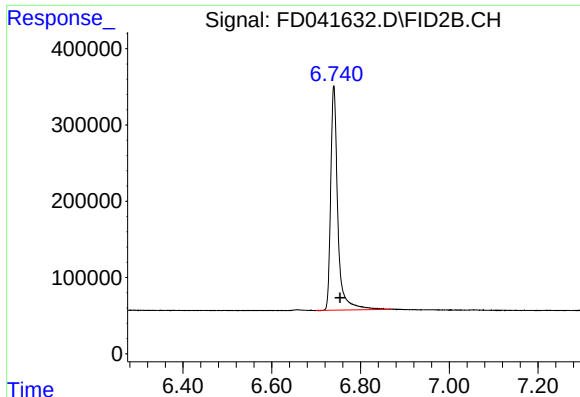
#3 A~Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.014 min
Response: 3285167
Conc: 20.57 ug/ml



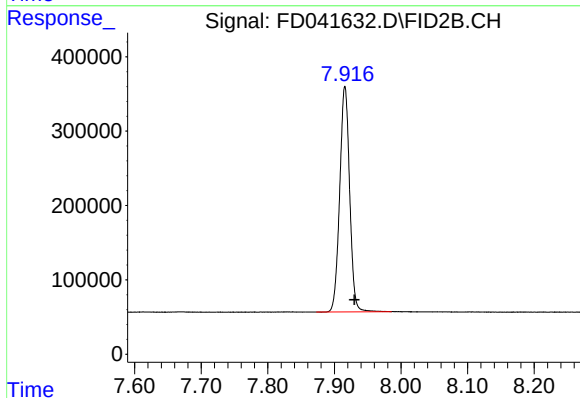
#4 n-Dodecane (C12)

R.T.: 6.139 min
Delta R.T.: -0.012 min
Response: 3135543
Conc: 21.17 ug/ml



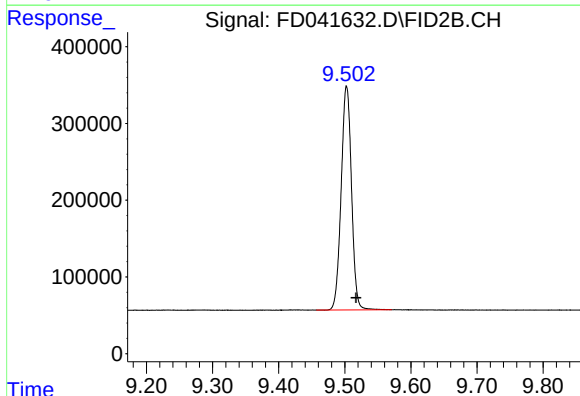
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.014 min
Response: 3274948
Conc: 20.46 ug/ml



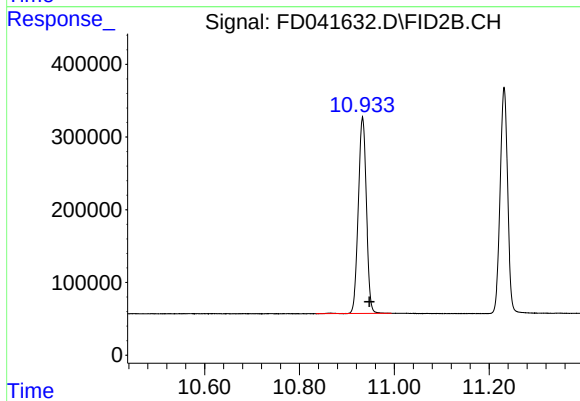
#6 n-Tetradecane (C14)

R.T.: 7.916 min
Delta R.T.: -0.014 min
Response: 3146349
Conc: 21.02 ug/ml



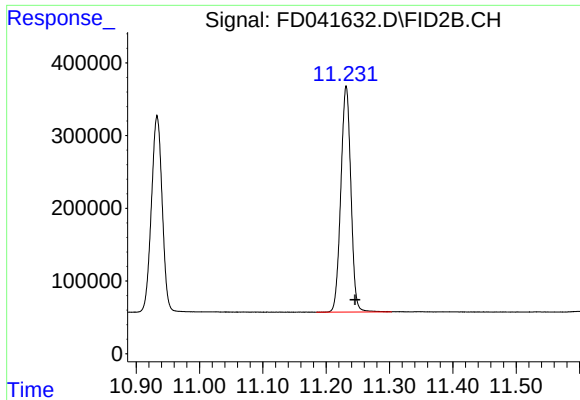
#7 n-Hexadecane (C16)

R.T.: 9.503 min
Delta R.T.: -0.014 min
Response: 3168870
Conc: 20.82 ug/ml



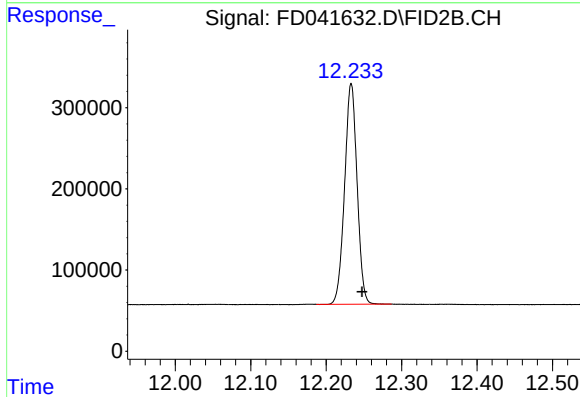
#8 n-Octadecane (C18)

R.T.: 10.933 min
Delta R.T.: -0.014 min
Response: 3192358
Conc: 20.54 ug/ml



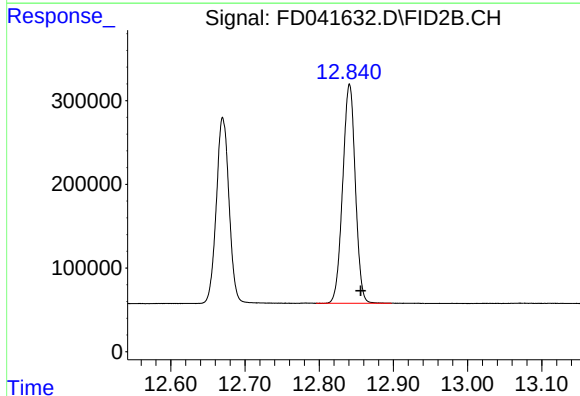
#9 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: -0.014 min
Response: 3421553
Conc: 19.73 ug/ml



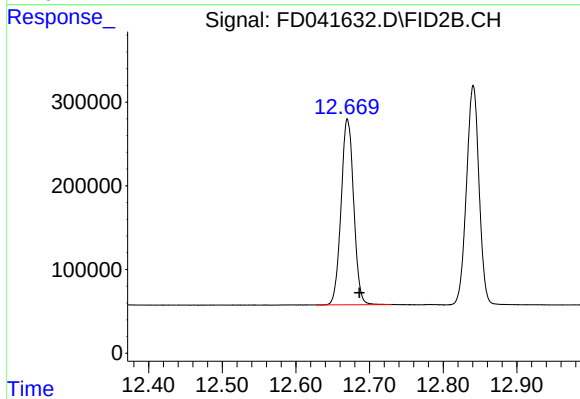
#10 n-Eicosane (C20)

R.T.: 12.233 min
Delta R.T.: -0.015 min
Response: 3127407
Conc: 20.15 ug/ml



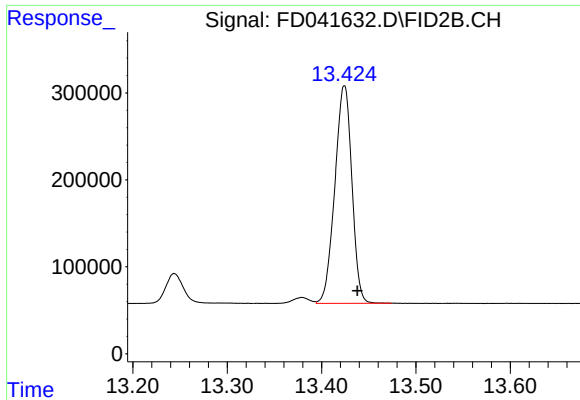
#11 n-Heneicosane (C21)

R.T.: 12.841 min
Delta R.T.: -0.015 min
Response: 3103170
Conc: 19.82 ug/ml



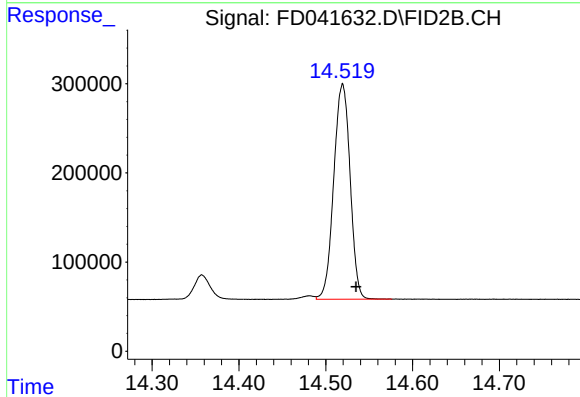
#12 1-chlorooctadecane (SURR)

R.T.: 12.670 min
Delta R.T.: -0.016 min
Response: 2638976
Conc: 19.49 ug/ml



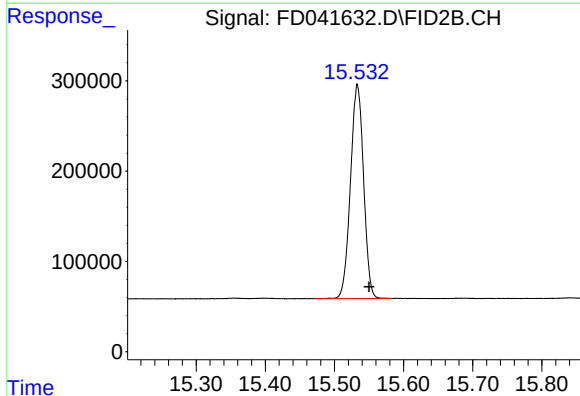
#13 n-Docosane (C22)

R.T.: 13.424 min
Delta R.T.: -0.013 min
Response: 3141728
Conc: 20.06 ug/ml



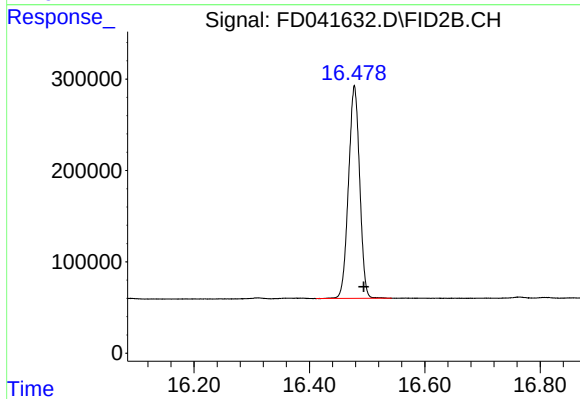
#14 n-Tetracosane (C24)

R.T.: 14.519 min
Delta R.T.: -0.015 min
Response: 3161534
Conc: 20.16 ug/ml



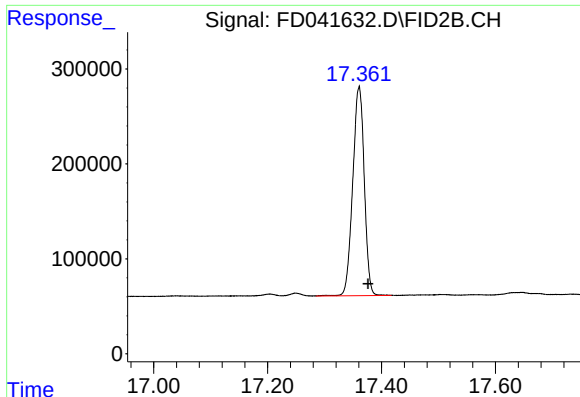
#15 n-Hexacosane (C26)

R.T.: 15.533 min
Delta R.T.: -0.017 min
Response: 3123117
Conc: 20.33 ug/ml



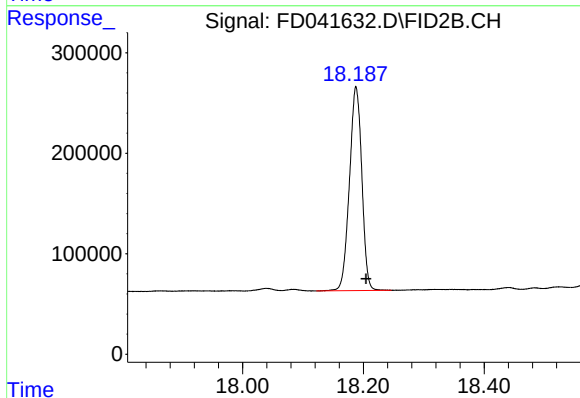
#16 n-Octacosane (C28)

R.T.: 16.478 min
Delta R.T.: -0.016 min
Response: 3130487
Conc: 21.03 ug/ml



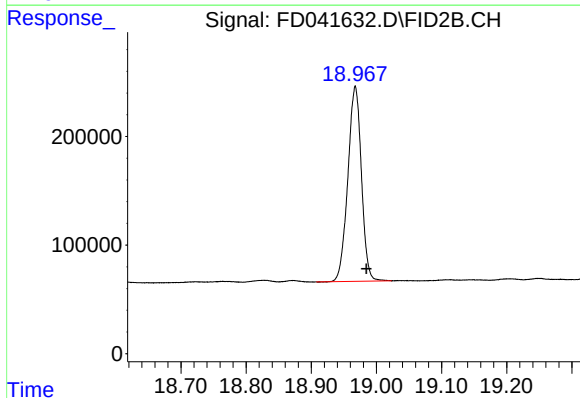
#17 n-Tricontane (C30)

R.T.: 17.361 min
Delta R.T.: -0.016 min
Response: 3092902
Conc: 21.98 ug/ml



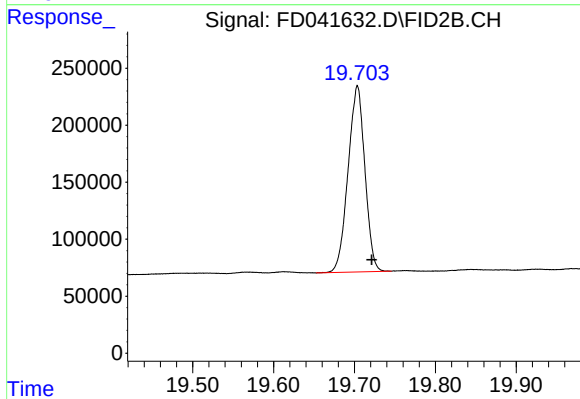
#18 n-Dotriacontane (C32)

R.T.: 18.188 min
Delta R.T.: -0.017 min
Response: 2886855
Conc: 22.69 ug/ml



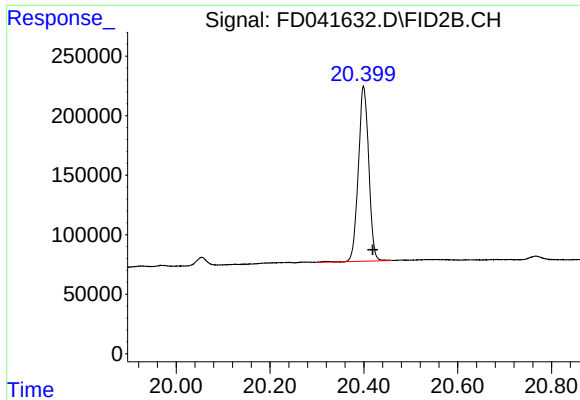
#19 n-Tetratriacontane (C34)

R.T.: 18.968 min
Delta R.T.: -0.017 min
Response: 2601277
Conc: 22.84 ug/ml



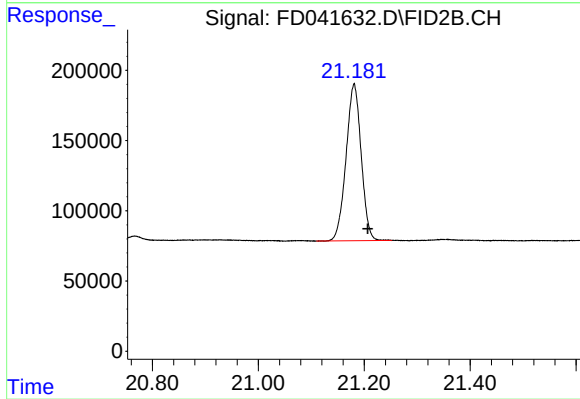
#20 n-Hexatriacontane (C36)

R.T.: 19.704 min
Delta R.T.: -0.018 min
Response: 2360137
Conc: 23.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.399 min
Delta R.T.: -0.020 min
Response: 2259485
Conc: 23.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.181 min
Delta R.T.: -0.026 min
Response: 2210946
Conc: 23.33 ug/ml