

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102021AL\
 Data File : FD039175.D
 Signal(s) : FID2B.CH
 Acq On : 21 Oct 2021 7:20
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 21 07:54:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.678	2604232	18.349 ug/ml
Spiked Amount 50.000		Recovery =	36.70%
12) S 1-chlorooctadecane (S...	13.103	2028726	18.042 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
Target Compounds			
1) T n-Nonane (C9)	3.435	2583885	20.485 ug/ml
2) T n-Decane (C10)	4.505	2614522	20.485 ug/ml
3) T A~Naphthalene (C11.7)	6.098	2865339	20.122 ug/ml
4) T n-Dodecane (C12)	6.521	2606951	20.356 ug/ml
5) T A~2-methylnaphthalene...	7.154	2854214	19.938 ug/ml
6) T n-Tetradecane (C14)	8.314	2596878	20.013 ug/ml
7) T n-Hexadecane (C16)	9.913	2557464	19.609 ug/ml
8) T n-Octadecane (C18)	11.352	2550307	19.069 ug/ml
10) T n-Eicosane (C20)	12.658	2457001	18.526 ug/ml
11) T n-Heneicosane (C21)	13.268	2431610	18.159 ug/ml
13) T n-Docosane (C22)	13.852	2387893	18.002 ug/ml
14) T n-Tetracosane (C24)	14.953	2366545	17.860 ug/ml
15) T n-Hexacosane (C26)	15.969	2303284	17.894 ug/ml
16) T n-Octacosane (C28)	16.917	2260767	17.929 ug/ml
17) T n-Tricontane (C30)	17.800	2249575	18.444 ug/ml
18) T n-Dotriacontane (C32)	18.629	2209069	19.054 ug/ml
19) T n-Tetratriacontane (C34)	19.410	2165761	20.063 ug/ml
20) T n-Hexatriacontane (C36)	20.145	2100959	21.471 ug/ml
21) T n-Octatriacontane (C38)	20.887	2080205	23.172 ug/ml
22) T n-Tetracontane (C40)	21.818	2156345	24.478 ug/ml

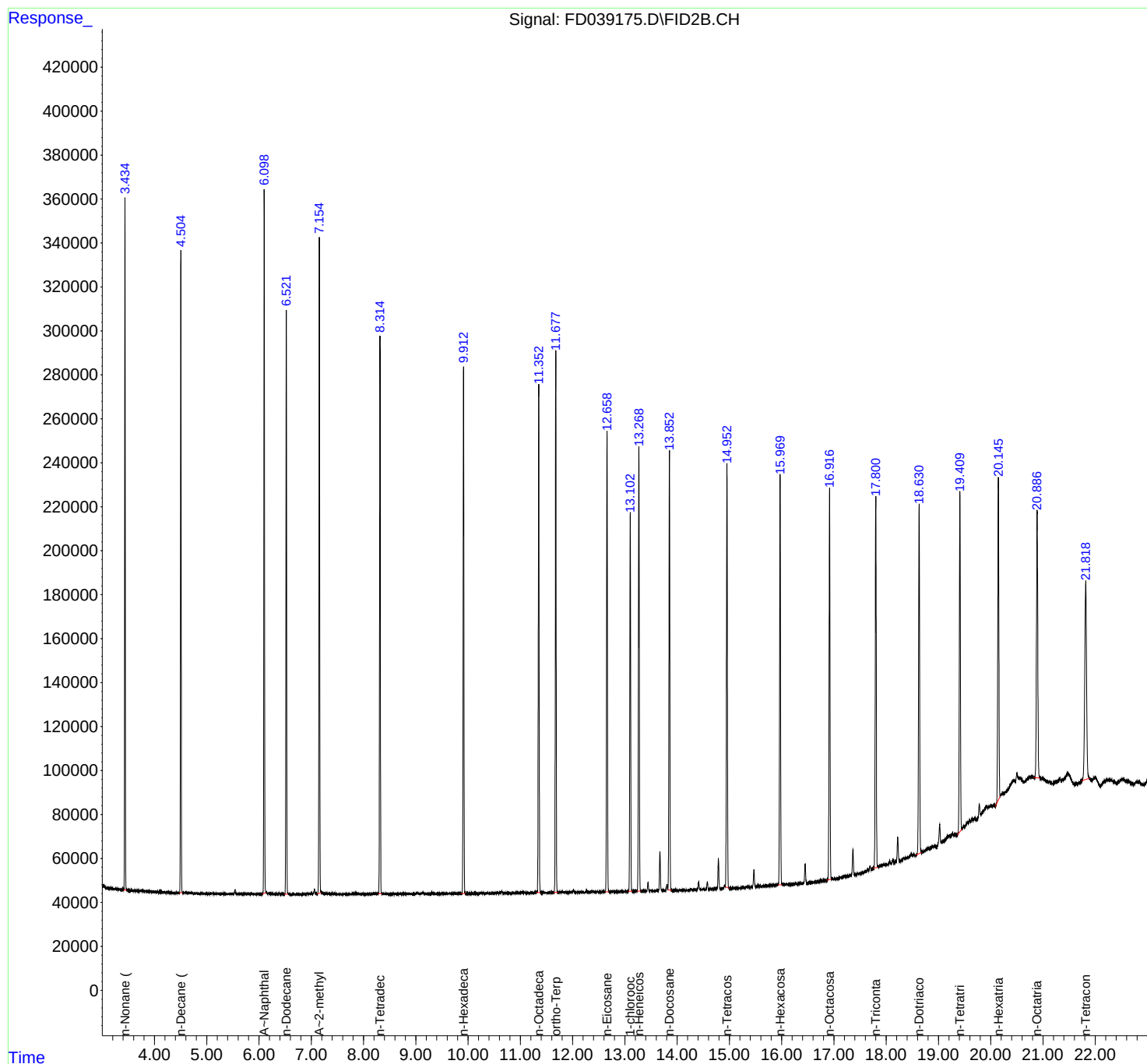
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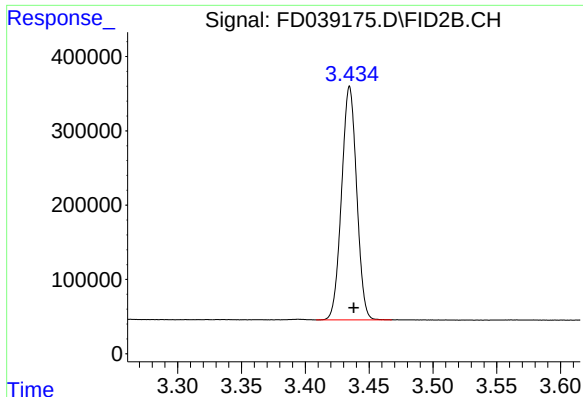
(m)=manual int.

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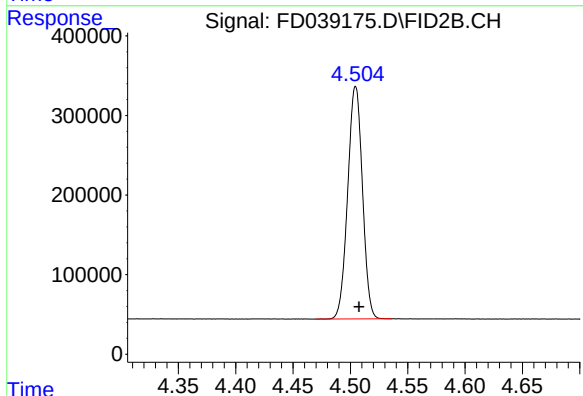
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Signal Info : 20M x 0.18mm x 0.18um





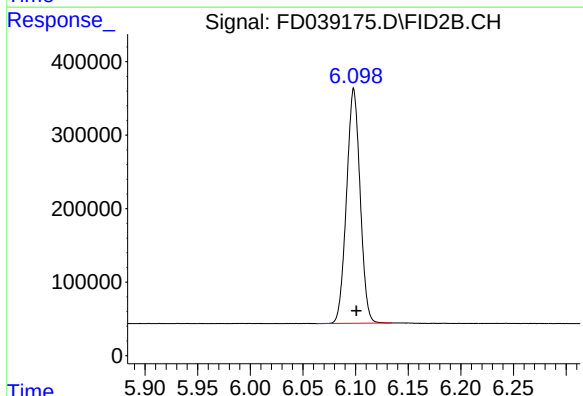
#1 n-Nonane (C9)

R.T.: 3.435 min
Delta R.T.: -0.003 min
Response: 2583885
Conc: 20.48 ug/ml



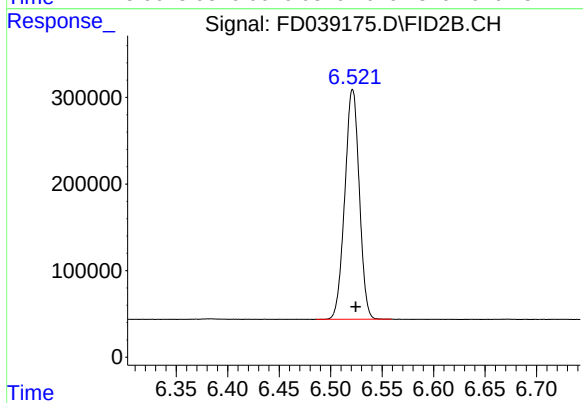
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.003 min
Response: 2614522
Conc: 20.49 ug/ml



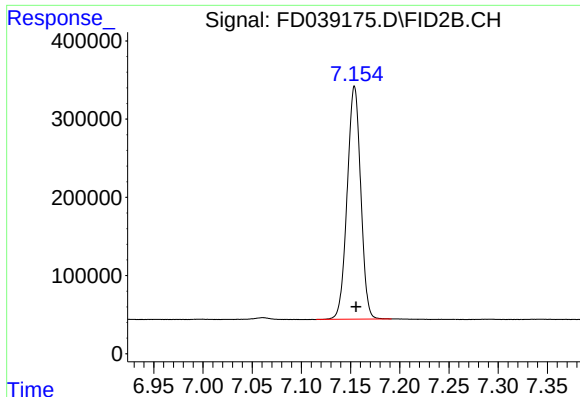
#3 A~Naphthalene (C11.7)

R.T.: 6.098 min
Delta R.T.: -0.003 min
Response: 2865339
Conc: 20.12 ug/ml



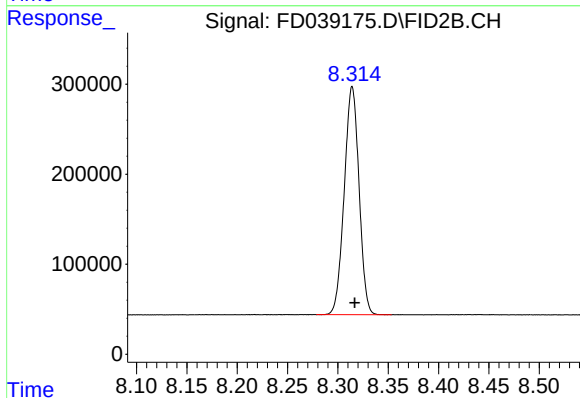
#4 n-Dodecane (C12)

R.T.: 6.521 min
Delta R.T.: -0.003 min
Response: 2606951
Conc: 20.36 ug/ml



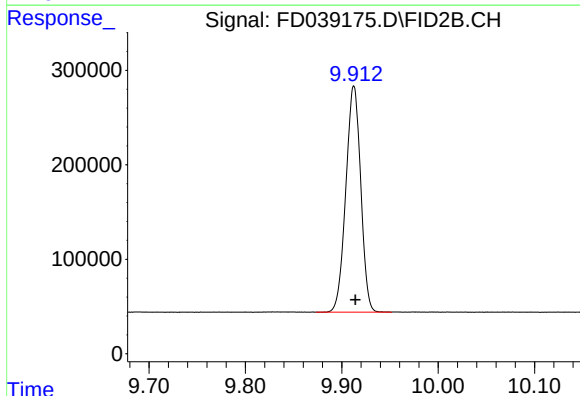
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: -0.002 min
Response: 2854214
Conc: 19.94 ug/ml



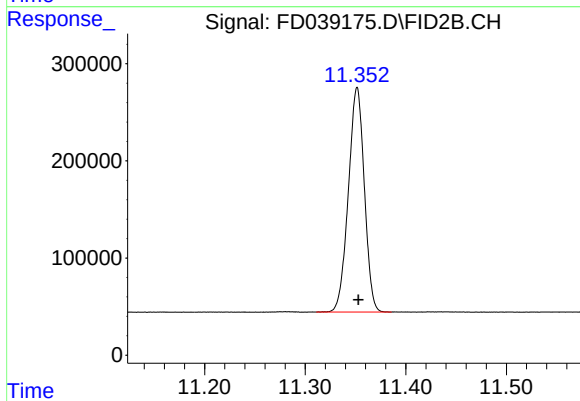
#6 n-Tetradecane (C14)

R.T.: 8.314 min
Delta R.T.: -0.003 min
Response: 2596878
Conc: 20.01 ug/ml



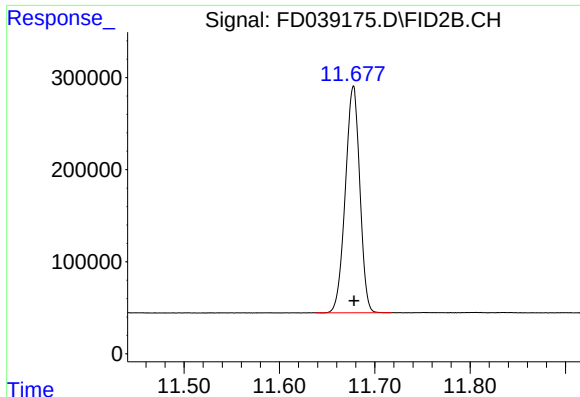
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.001 min
Response: 2557464
Conc: 19.61 ug/ml



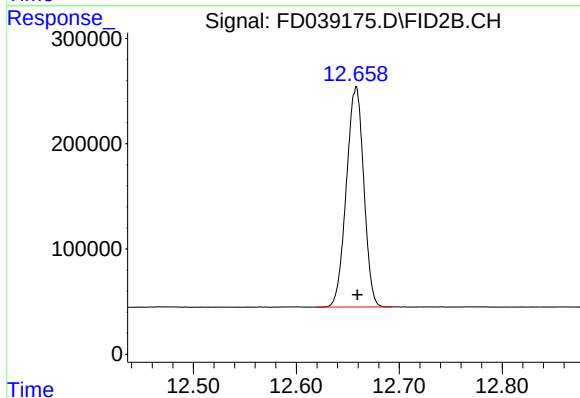
#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: -0.001 min
Response: 2550307
Conc: 19.07 ug/ml



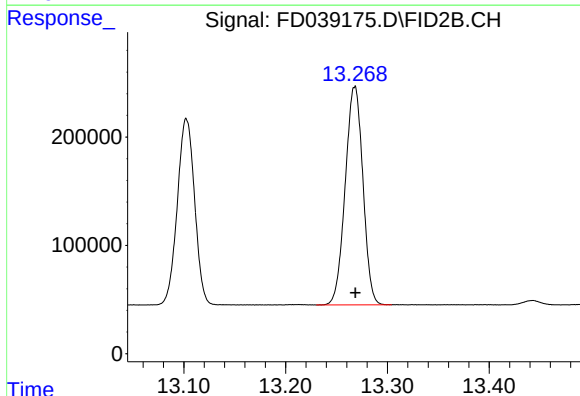
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 2604232
Conc: 18.35 ug/ml



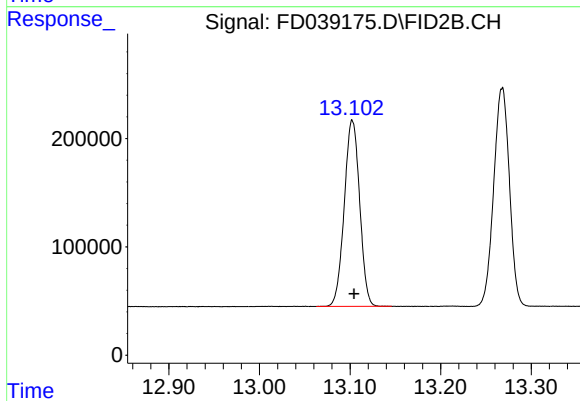
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: -0.001 min
Response: 2457001
Conc: 18.53 ug/ml



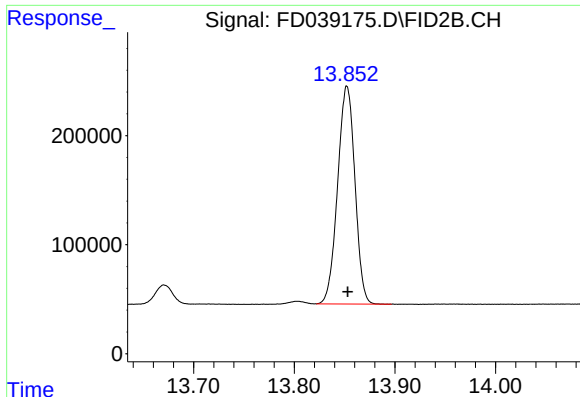
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: 0.000 min
Response: 2431610
Conc: 18.16 ug/ml



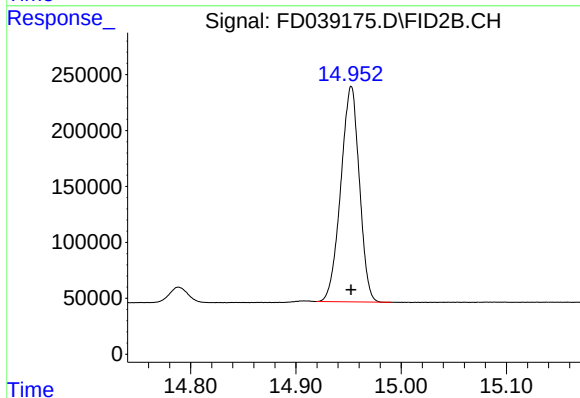
#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: -0.002 min
Response: 2028726
Conc: 18.04 ug/ml



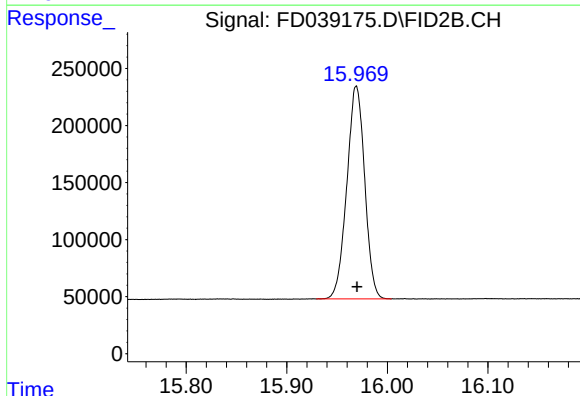
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: 0.000 min
Response: 2387893
Conc: 18.00 ug/ml



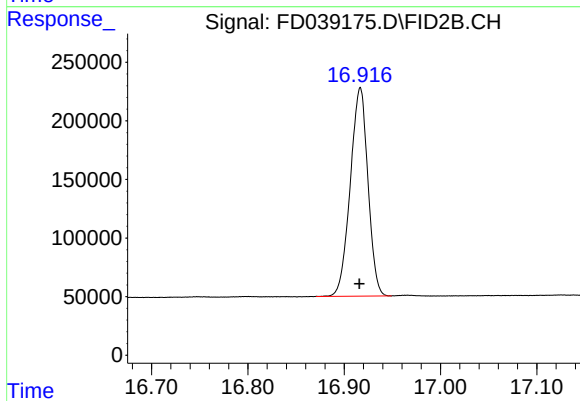
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 2366545
Conc: 17.86 ug/ml



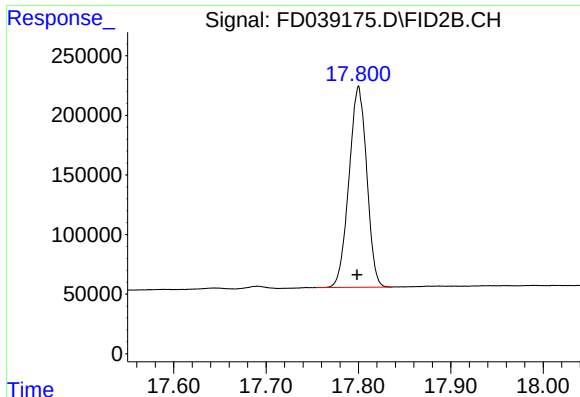
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: 0.000 min
Response: 2303284
Conc: 17.89 ug/ml



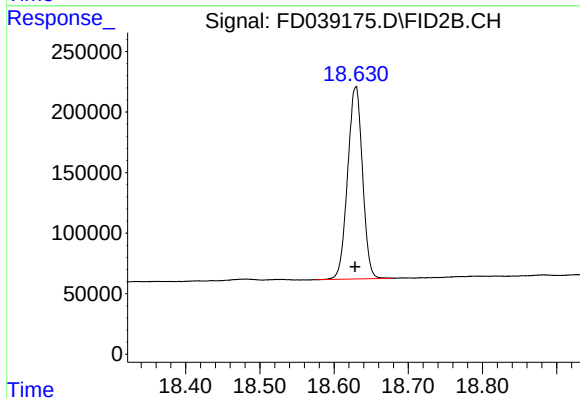
#16 n-Octacosane (C28)

R.T.: 16.917 min
Delta R.T.: 0.000 min
Response: 2260767
Conc: 17.93 ug/ml



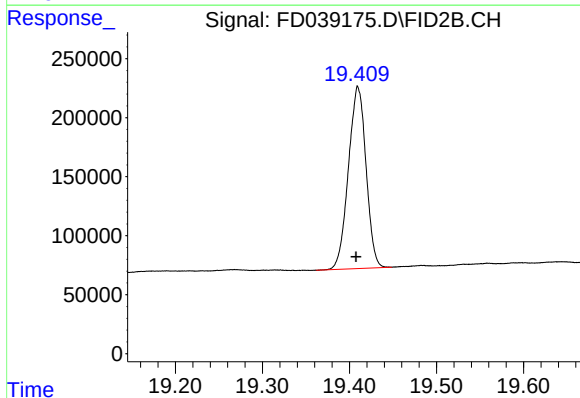
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: 0.001 min
Response: 2249575
Conc: 18.44 ug/ml



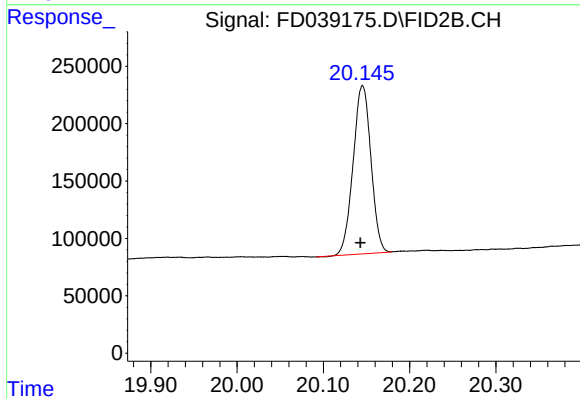
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: 0.000 min
Response: 2209069
Conc: 19.05 ug/ml



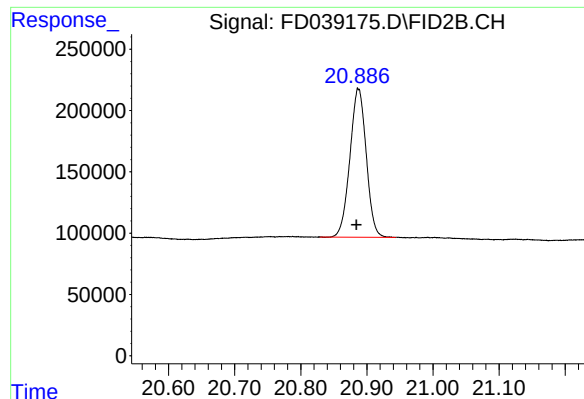
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: 0.002 min
Response: 2165761
Conc: 20.06 ug/ml



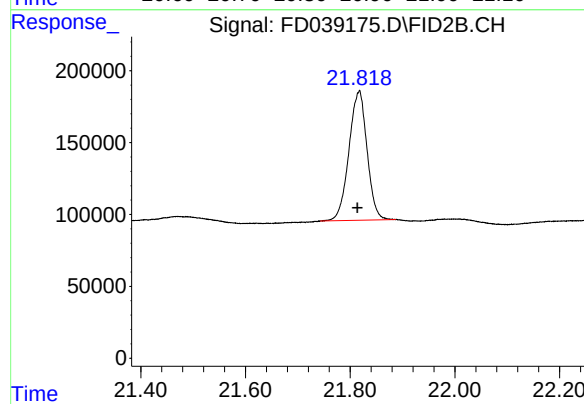
#20 n-Hexatriacontane (C36)

R.T.: 20.145 min
Delta R.T.: 0.003 min
Response: 2100959
Conc: 21.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: 0.003 min
Response: 2080205
Conc: 23.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.818 min
Delta R.T.: 0.004 min
Response: 2156345
Conc: 24.48 ug/ml