

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102021AL\
 Data File : FD039153.D
 Signal(s) : FID2B.CH
 Acq On : 20 Oct 2021 13:51
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 20 23:32:09 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	2497151	17.594 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
12) S 1-chlorooctadecane (S...	13.104	1941903	17.269 ug/ml
Spiked Amount 50.000		Recovery =	34.54%
Target Compounds			
1) T n-Nonane (C9)	3.437	2457501	19.483 ug/ml
2) T n-Decane (C10)	4.506	2488141	19.495 ug/ml
3) T A~Naphthalene (C11.7)	6.099	2732324	19.188 ug/ml
4) T n-Dodecane (C12)	6.522	2481068	19.373 ug/ml
5) T A~2-methylnaphthalene...	7.155	2720943	19.007 ug/ml
6) T n-Tetradecane (C14)	8.315	2474965	19.073 ug/ml
7) T n-Hexadecane (C16)	9.913	2437817	18.692 ug/ml
8) T n-Octadecane (C18)	11.353	2429693	18.167 ug/ml
10) T n-Eicosane (C20)	12.659	2348300	17.706 ug/ml
11) T n-Heneicosane (C21)	13.269	2327018	17.378 ug/ml
13) T n-Docosane (C22)	13.854	2276153	17.159 ug/ml
14) T n-Tetracosane (C24)	14.954	2253305	17.006 ug/ml
15) T n-Hexacosane (C26)	15.970	2189947	17.014 ug/ml
16) T n-Octacosane (C28)	16.916	2144193	17.005 ug/ml
17) T n-Tricontane (C30)	17.800	2129062	17.456 ug/ml
18) T n-Dotriacontane (C32)	18.630	2079631	17.938 ug/ml
19) T n-Tetratriacontane (C34)	19.410	2053195	19.020 ug/ml
20) T n-Hexatriacontane (C36)	20.147	1988330	20.320 ug/ml
21) T n-Octatriacontane (C38)	20.888	1968592	21.928 ug/ml
22) T n-Tetracontane (C40)	21.815	2066712	23.461 ug/mlm

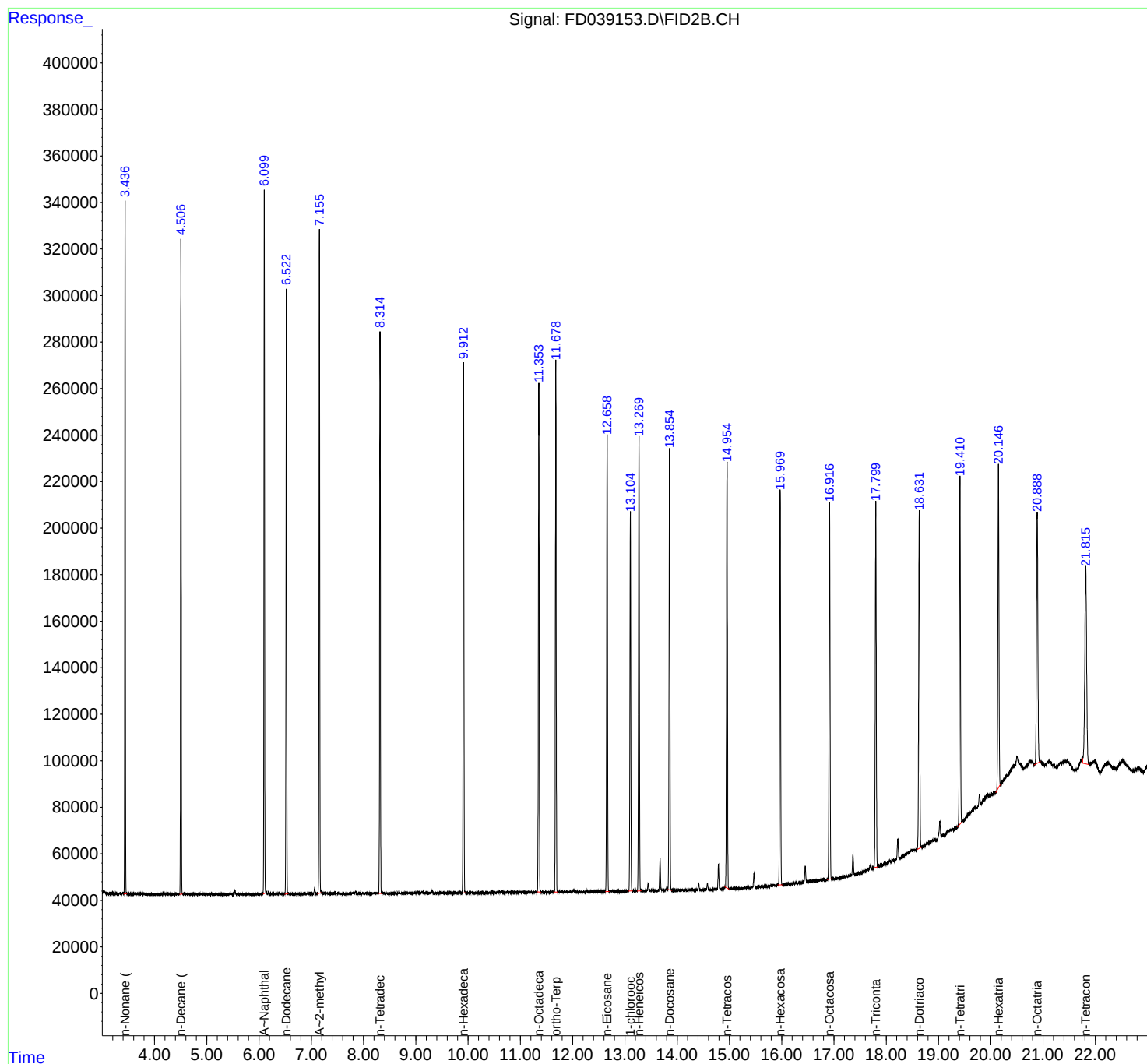
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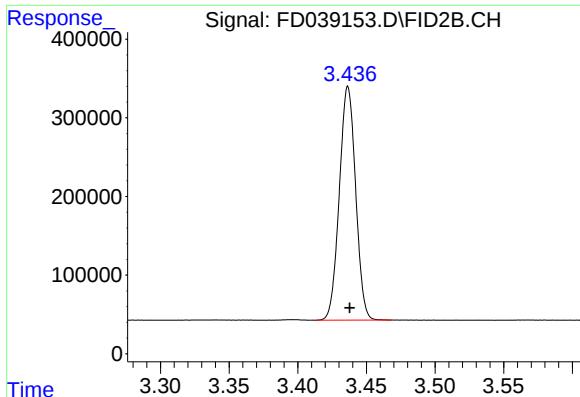
(m)=manual int.

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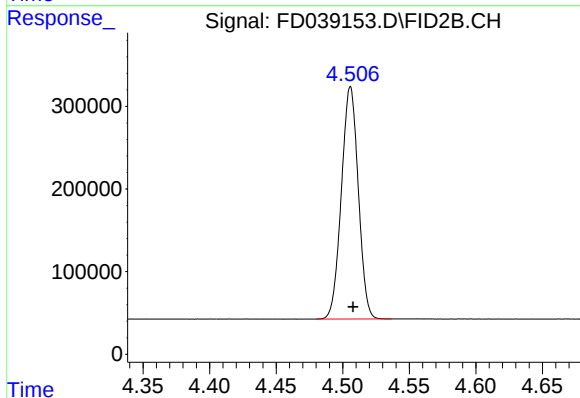
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Signal Info : 20M x 0.18mm x 0.18um





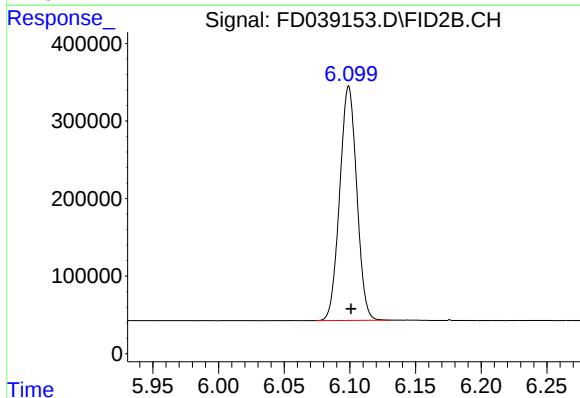
#1 n-Nonane (C9)

R.T.: 3.437 min
Delta R.T.: -0.001 min
Response: 2457501
Conc: 19.48 ug/ml



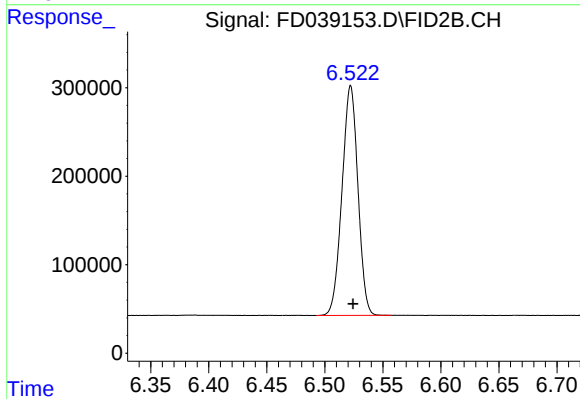
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.002 min
Response: 2488141
Conc: 19.50 ug/ml



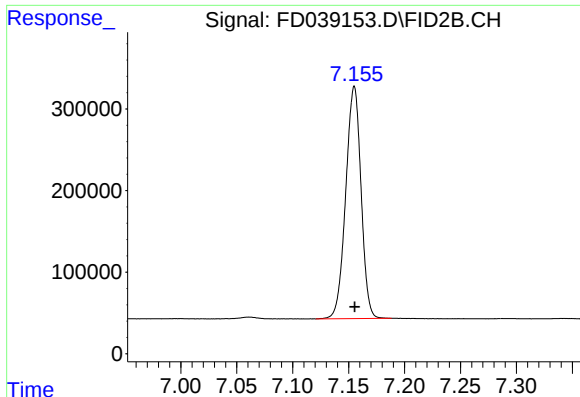
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 2732324
Conc: 19.19 ug/ml



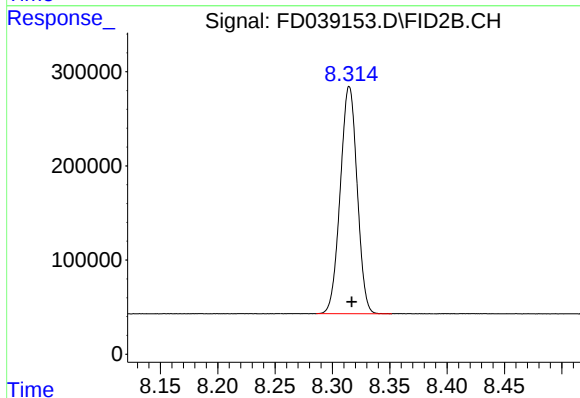
#4 n-Dodecane (C12)

R.T.: 6.522 min
Delta R.T.: -0.002 min
Response: 2481068
Conc: 19.37 ug/ml



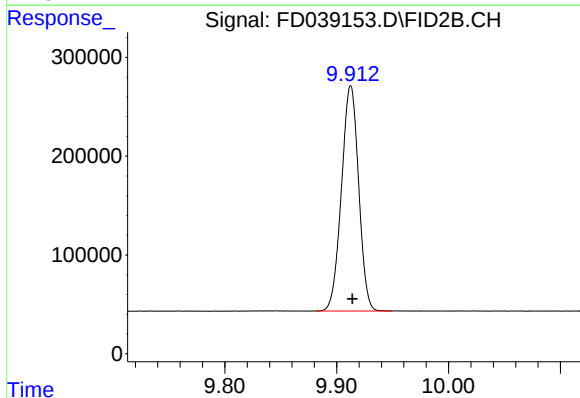
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 2720943
Conc: 19.01 ug/ml



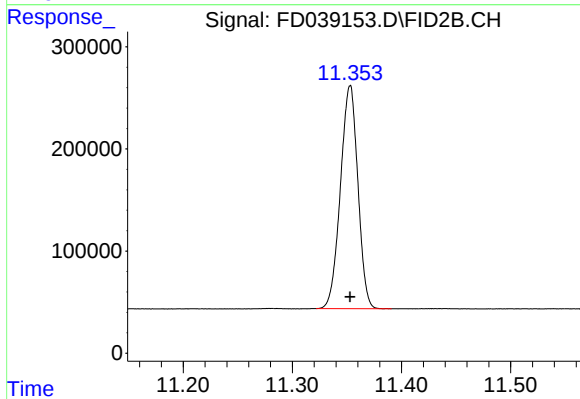
#6 n-Tetradecane (C14)

R.T.: 8.315 min
Delta R.T.: -0.002 min
Response: 2474965
Conc: 19.07 ug/ml



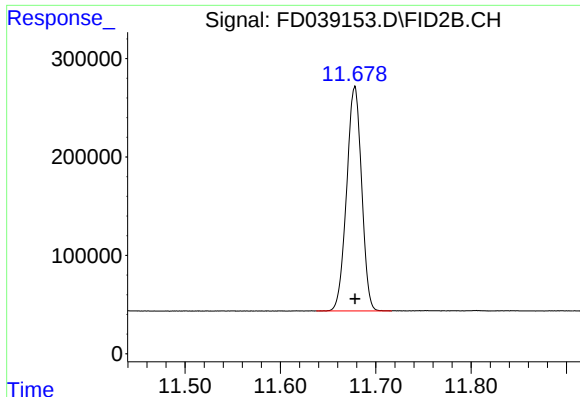
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.001 min
Response: 2437817
Conc: 18.69 ug/ml



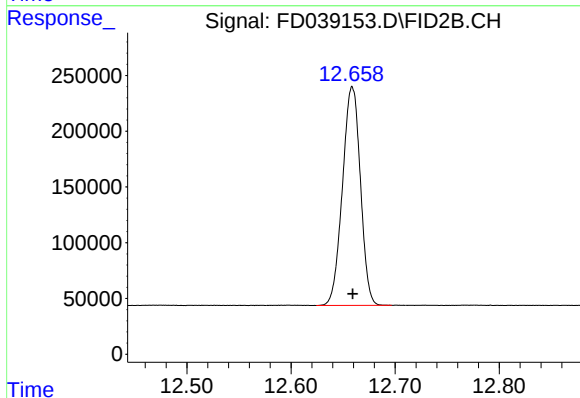
#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: 0.000 min
Response: 2429693
Conc: 18.17 ug/ml



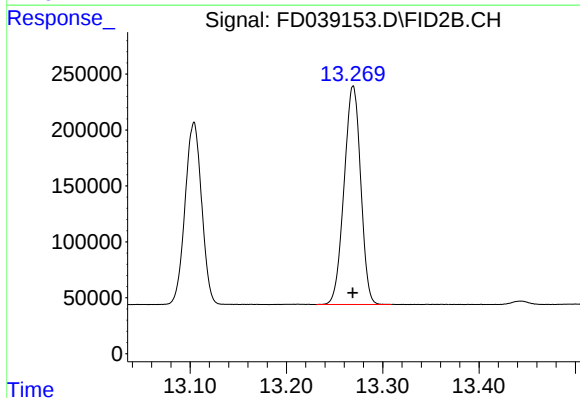
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 2497151
Conc: 17.59 ug/ml



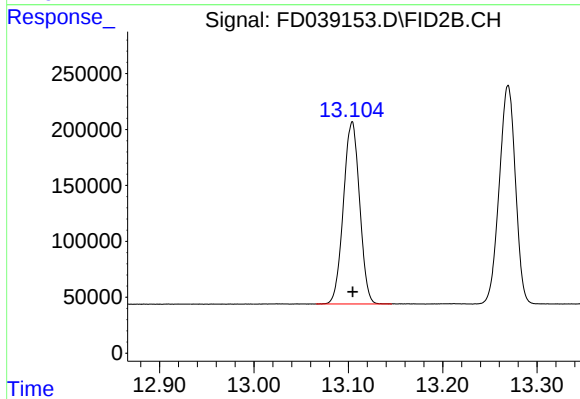
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 2348300
Conc: 17.71 ug/ml



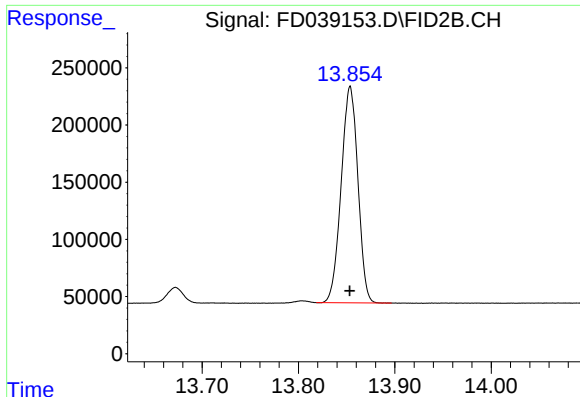
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 2327018
Conc: 17.38 ug/ml



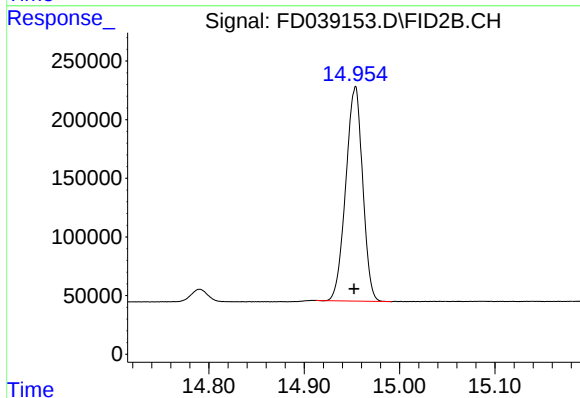
#12 1-chlorooctadecane (SURR)

R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 1941903
Conc: 17.27 ug/ml



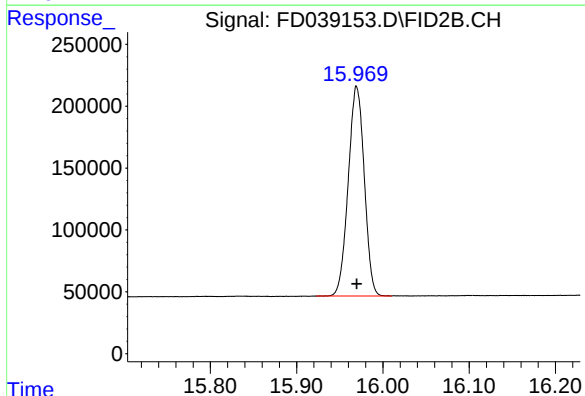
#13 n-Docosane (C22)

R.T.: 13.854 min
Delta R.T.: 0.000 min
Response: 2276153
Conc: 17.16 ug/ml



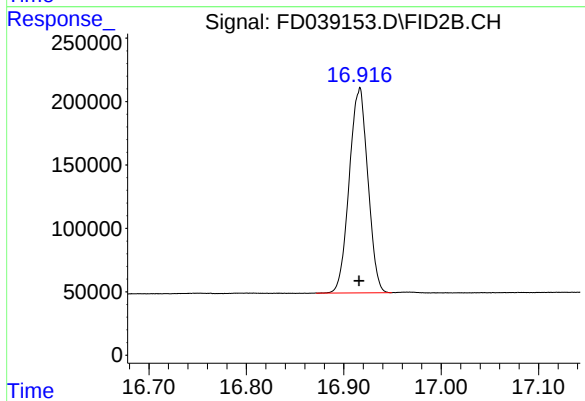
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: 0.001 min
Response: 2253305
Conc: 17.01 ug/ml



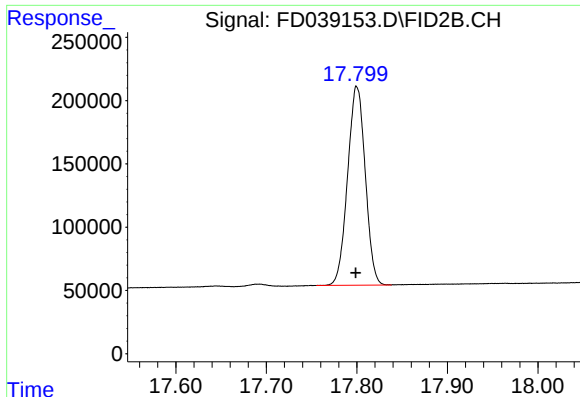
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: 0.000 min
Response: 2189947
Conc: 17.01 ug/ml



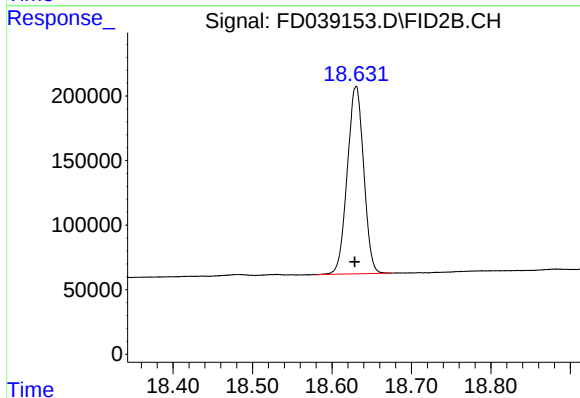
#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: 0.000 min
Response: 2144193
Conc: 17.00 ug/ml



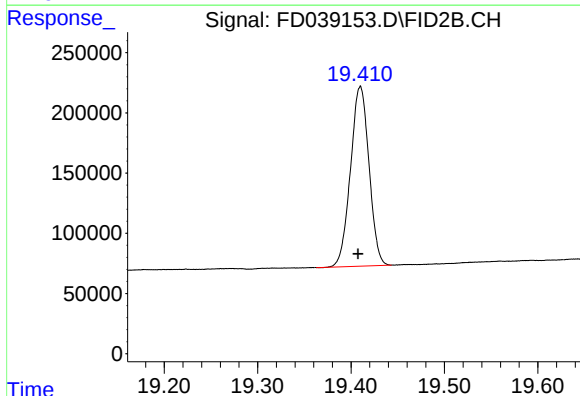
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: 0.001 min
Response: 2129062
Conc: 17.46 ug/ml



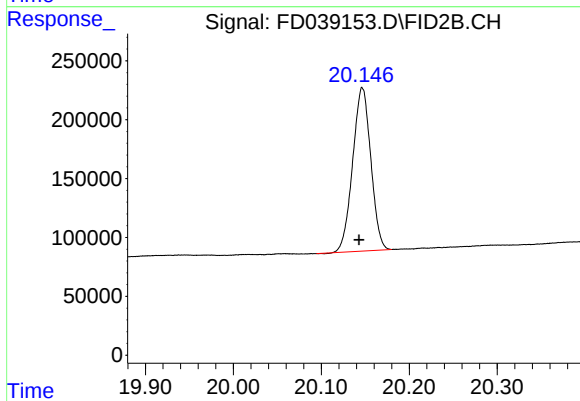
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.002 min
Response: 2079631
Conc: 17.94 ug/ml



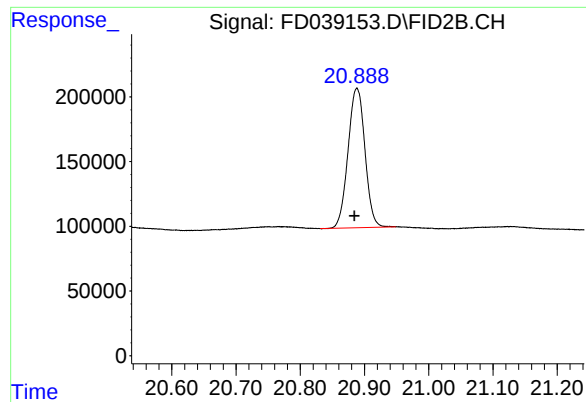
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: 0.002 min
Response: 2053195
Conc: 19.02 ug/ml



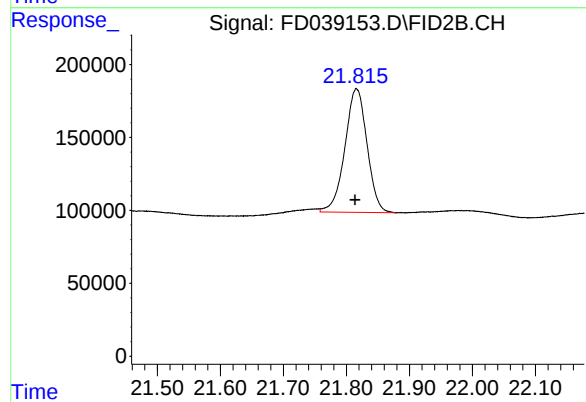
#20 n-Hexatriacontane (C36)

R.T.: 20.147 min
Delta R.T.: 0.004 min
Response: 1988330
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: 0.004 min
Response: 1968592
Conc: 21.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.815 min
Delta R.T.: 0.001 min
Response: 2066712
Conc: 23.46 ug/ml m