

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111121AL\
 Data File : FD039411.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2021 1:06
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 12 03:12:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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)	11.663	2494910	19.554 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
12) S 1-chlorooctadecane (S...	13.089	1928038	18.552 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
Target Compounds			
1) T n-Nonane (C9)	3.426	2303728	19.813 ug/ml
2) T n-Decane (C10)	4.494	2332960	19.955 ug/ml
3) T A~Naphthalene (C11.7)	6.086	2582589	20.039 ug/ml
4) T n-Dodecane (C12)	6.510	2341233	19.787 ug/ml
5) T A~2-methylnaphthalene...	7.141	2586232	19.692 ug/ml
6) T n-Tetradecane (C14)	8.302	2349430	19.933 ug/ml
7) T n-Hexadecane (C16)	9.899	2335696	19.491 ug/ml
8) T n-Octadecane (C18)	11.339	2366536	19.336 ug/ml
10) T n-Eicosane (C20)	12.644	2311857	18.745 ug/ml
11) T n-Heneicosane (C21)	13.255	2304482	18.403 ug/ml
13) T n-Docosane (C22)	13.840	2280967	18.365 ug/ml
14) T n-Tetracosane (C24)	14.939	2247165	18.102 ug/ml
15) T n-Hexacosane (C26)	15.957	2148936	17.493 ug/ml
16) T n-Octacosane (C28)	16.903	2089675	17.949 ug/ml
17) T n-Tricontane (C30)	17.787	2032529	17.255 ug/ml
18) T n-Dotriacontane (C32)	18.615	1967449	17.208 ug/ml
19) T n-Tetratriacontane (C34)	19.396	1940764	18.310 ug/ml
20) T n-Hexatriacontane (C36)	20.133	1882570	18.480 ug/ml
21) T n-Octatriacontane (C38)	20.871	1810264	18.864 ug/ml
22) T n-Tetracontane (C40)	21.793	1883563	20.417 ug/ml

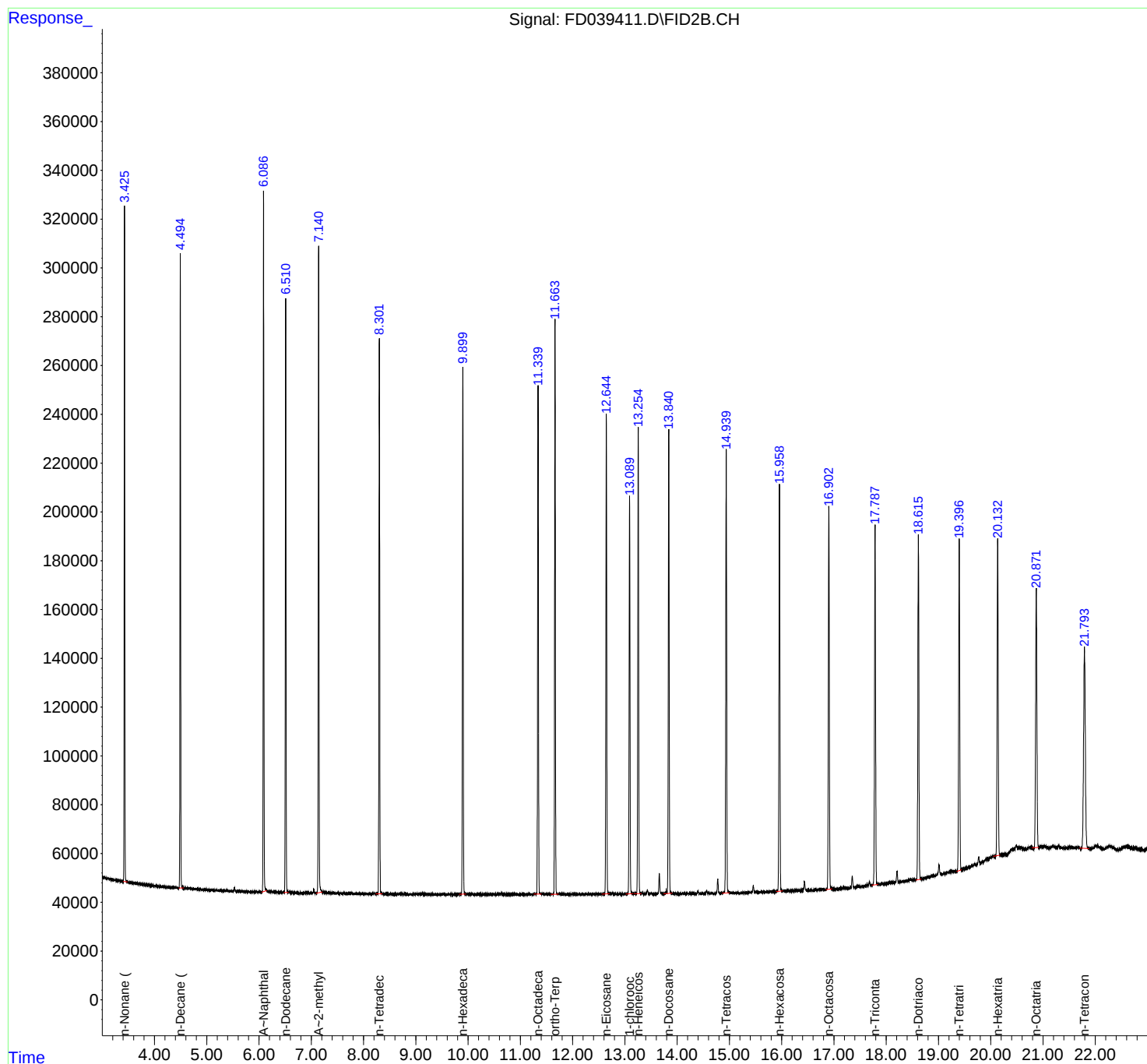
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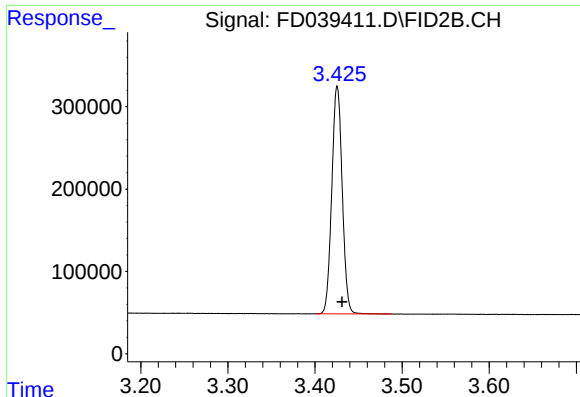
(m)=manual int.

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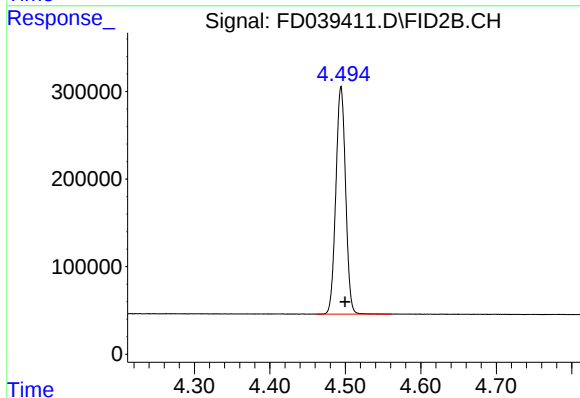
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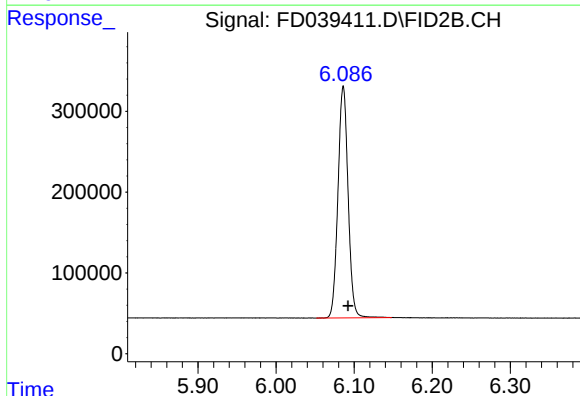
#1 n-Nonane (C9)

R.T.: 3.426 min
Delta R.T.: -0.005 min
Response: 2303728
Conc: 19.81 ug/ml



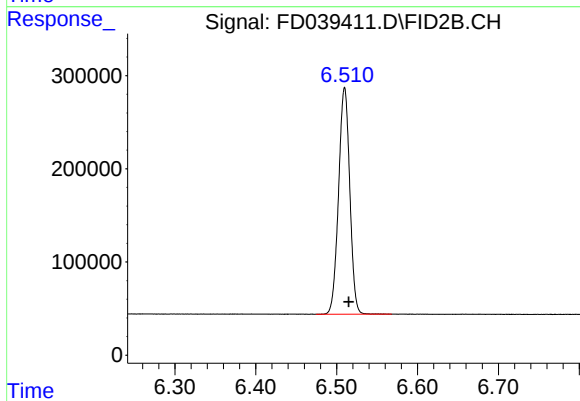
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.005 min
Response: 2332960
Conc: 19.96 ug/ml



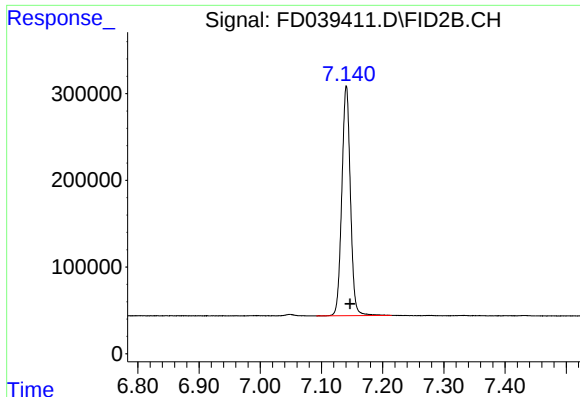
#3 A~Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.006 min
Response: 2582589
Conc: 20.04 ug/ml



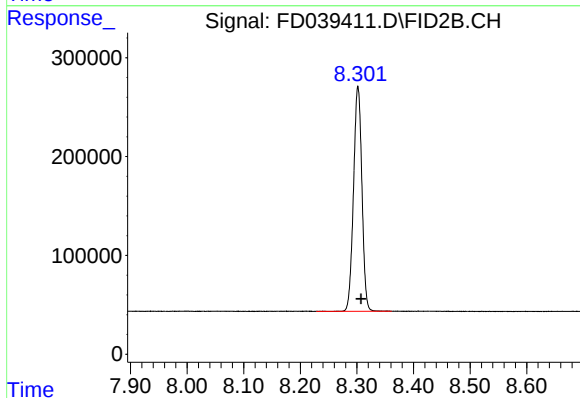
#4 n-Dodecane (C12)

R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 2341233
Conc: 19.79 ug/ml



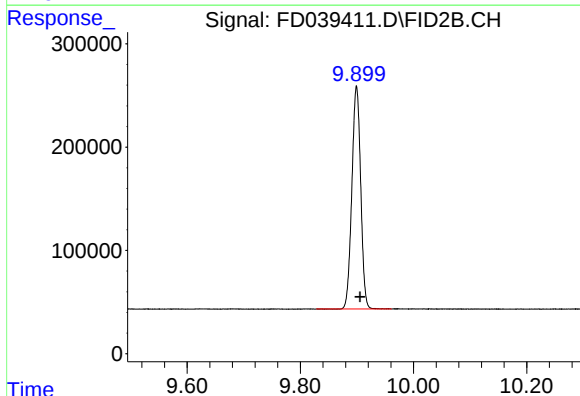
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.141 min
Delta R.T.: -0.006 min
Response: 2586232
Conc: 19.69 ug/ml



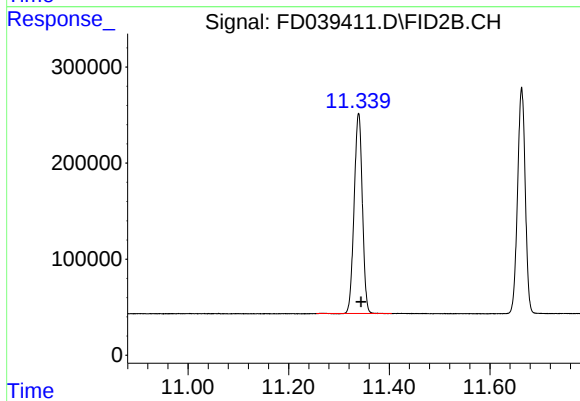
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: -0.005 min
Response: 2349430
Conc: 19.93 ug/ml



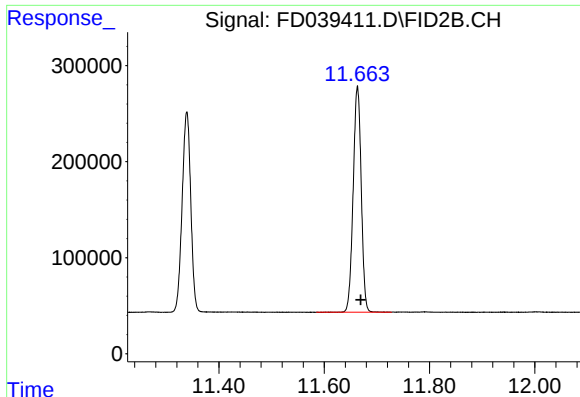
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: -0.006 min
Response: 2335696
Conc: 19.49 ug/ml



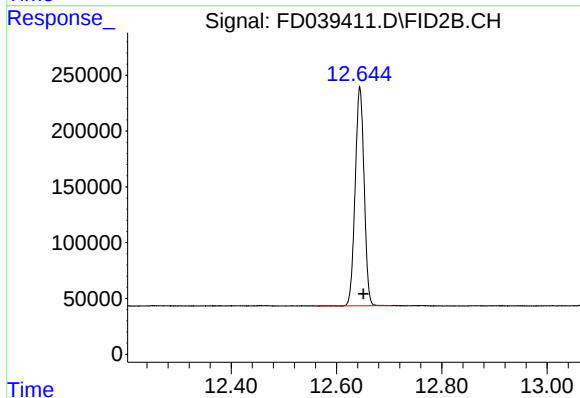
#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: -0.005 min
Response: 2366536
Conc: 19.34 ug/ml



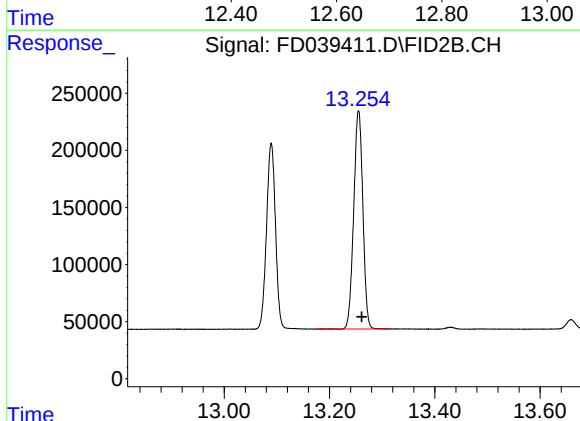
#9 ortho-Terphenyl (SURR)

R.T.: 11.663 min
Delta R.T.: -0.006 min
Response: 2494910
Conc: 19.55 ug/ml



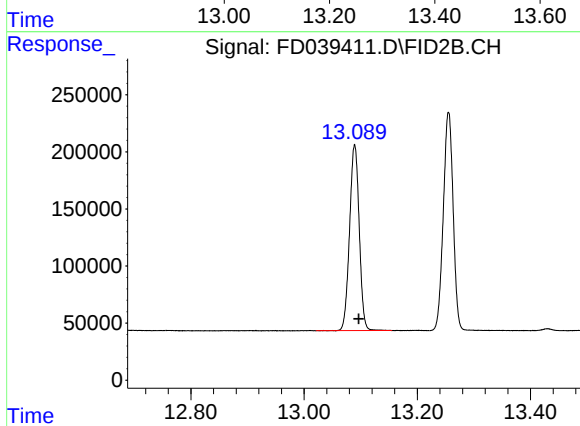
#10 n-Eicosane (C20)

R.T.: 12.644 min
Delta R.T.: -0.007 min
Response: 2311857
Conc: 18.75 ug/ml



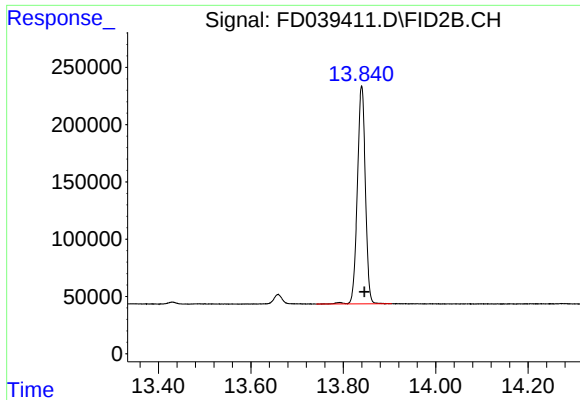
#11 n-Heneicosane (C21)

R.T.: 13.255 min
Delta R.T.: -0.006 min
Response: 2304482
Conc: 18.40 ug/ml



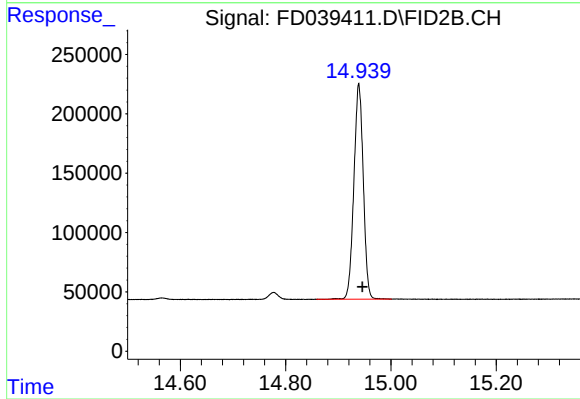
#12 1-chlorooctadecane (SURR)

R.T.: 13.089 min
Delta R.T.: -0.007 min
Response: 1928038
Conc: 18.55 ug/ml



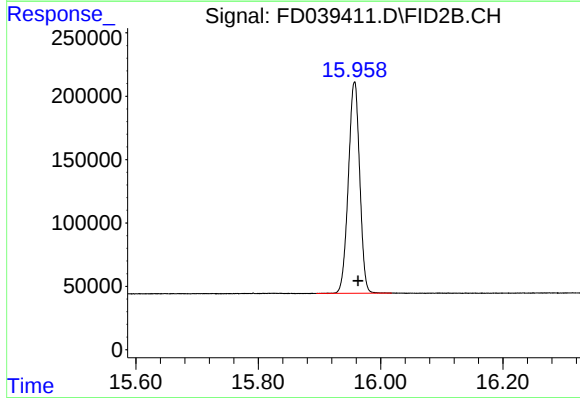
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.006 min
Response: 2280967
Conc: 18.36 ug/ml



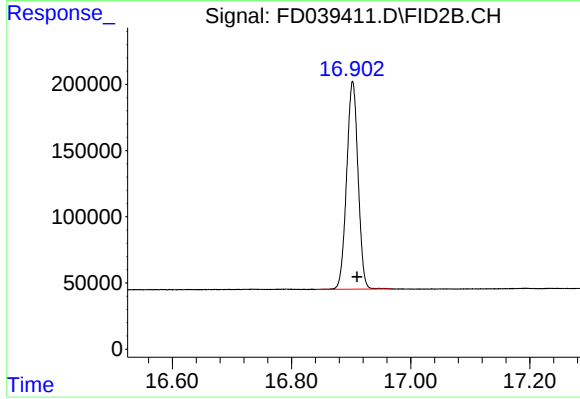
#14 n-Tetracosane (C24)

R.T.: 14.939 min
Delta R.T.: -0.007 min
Response: 2247165
Conc: 18.10 ug/ml



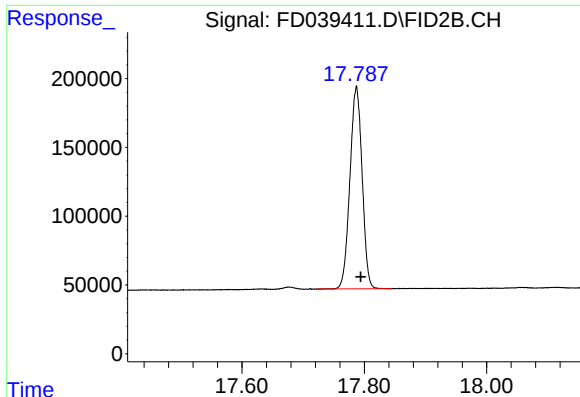
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.006 min
Response: 2148936
Conc: 17.49 ug/ml



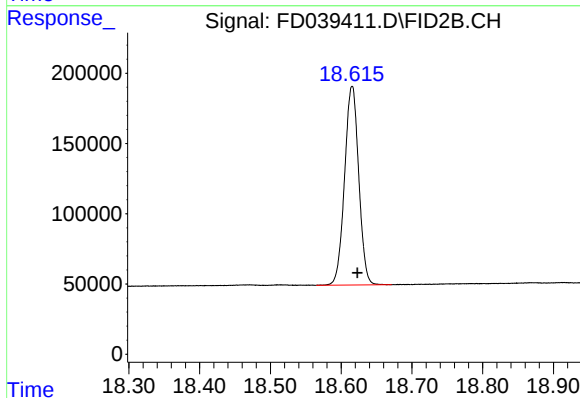
#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: -0.007 min
Response: 2089675
Conc: 17.95 ug/ml



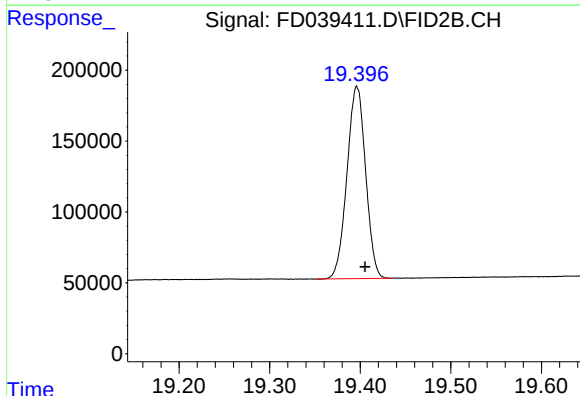
#17 n-Tricontane (C30)

R.T.: 17.787 min
Delta R.T.: -0.007 min
Response: 2032529
Conc: 17.26 ug/ml



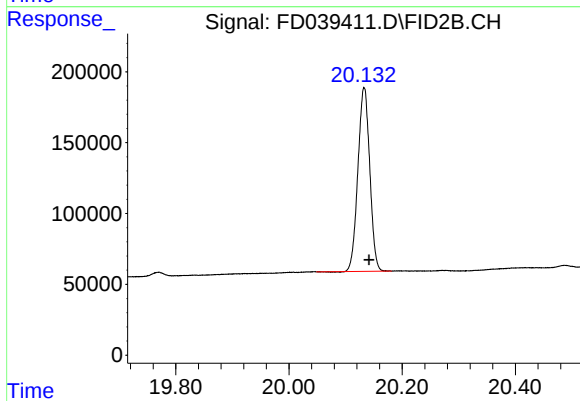
#18 n-Dotriacontane (C32)

R.T.: 18.615 min
Delta R.T.: -0.008 min
Response: 1967449
Conc: 17.21 ug/ml



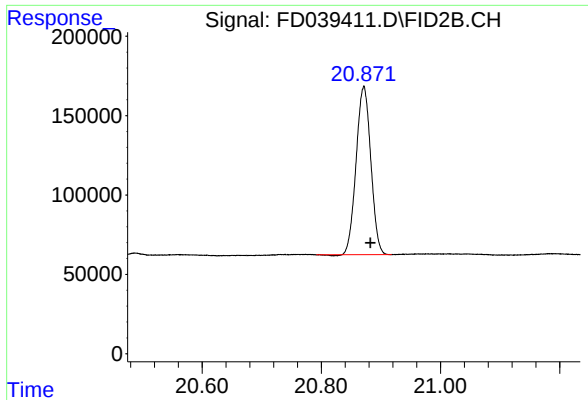
#19 n-Tetratriacontane (C34)

R.T.: 19.396 min
Delta R.T.: -0.009 min
Response: 1940764
Conc: 18.31 ug/ml



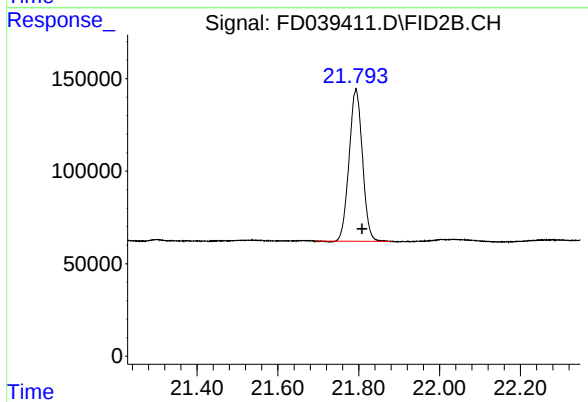
#20 n-Hexatriacontane (C36)

R.T.: 20.133 min
Delta R.T.: -0.009 min
Response: 1882570
Conc: 18.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.871 min
Delta R.T.: -0.011 min
Response: 1810264
Conc: 18.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.793 min
Delta R.T.: -0.015 min
Response: 1883563
Conc: 20.42 ug/ml