

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102521AL\
 Data File : FD039256.D
 Signal(s) : FID2B.CH
 Acq On : 25 Oct 2021 23:45
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 26 01:40:08 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)	11.673	2596548	18.295 ug/ml
Spiked Amount 50.000		Recovery =	36.59%
12) S 1-chlorooctadecane (S...	13.100	2021738	17.979 ug/ml
Spiked Amount 50.000		Recovery =	35.96%
Target Compounds			
1) T n-Nonane (C9)	3.432	2549612	20.213 ug/ml
2) T n-Decane (C10)	4.501	2574824	20.174 ug/ml
3) T A~Naphthalene (C11.7)	6.095	2826622	19.850 ug/ml
4) T n-Dodecane (C12)	6.518	2563460	20.016 ug/ml
5) T A~2-methylnaphthalene...	7.150	2809576	19.626 ug/ml
6) T n-Tetradecane (C14)	8.311	2553688	19.680 ug/ml
7) T n-Hexadecane (C16)	9.909	2523011	19.345 ug/ml
8) T n-Octadecane (C18)	11.348	2530188	18.918 ug/ml
10) T n-Eicosane (C20)	12.654	2445025	18.436 ug/ml
11) T n-Heneicosane (C21)	13.265	2427545	18.129 ug/ml
13) T n-Docosane (C22)	13.850	2390639	18.022 ug/ml
14) T n-Tetracosane (C24)	14.950	2377072	17.940 ug/ml
15) T n-Hexacosane (C26)	15.967	2279699	17.711 ug/ml
16) T n-Octacosane (C28)	16.913	2240021	17.765 ug/ml
17) T n-Tricontane (C30)	17.798	2232440	18.303 ug/ml
18) T n-Dotriacontane (C32)	18.627	2193097	18.916 ug/ml
19) T n-Tetratriacontane (C34)	19.407	2173812	20.138 ug/ml
20) T n-Hexatriacontane (C36)	20.144	2115246	21.617 ug/ml
21) T n-Octatriacontane (C38)	20.886	2063944	22.990 ug/ml
22) T n-Tetracontane (C40)	21.812	2114473	24.003 ug/ml

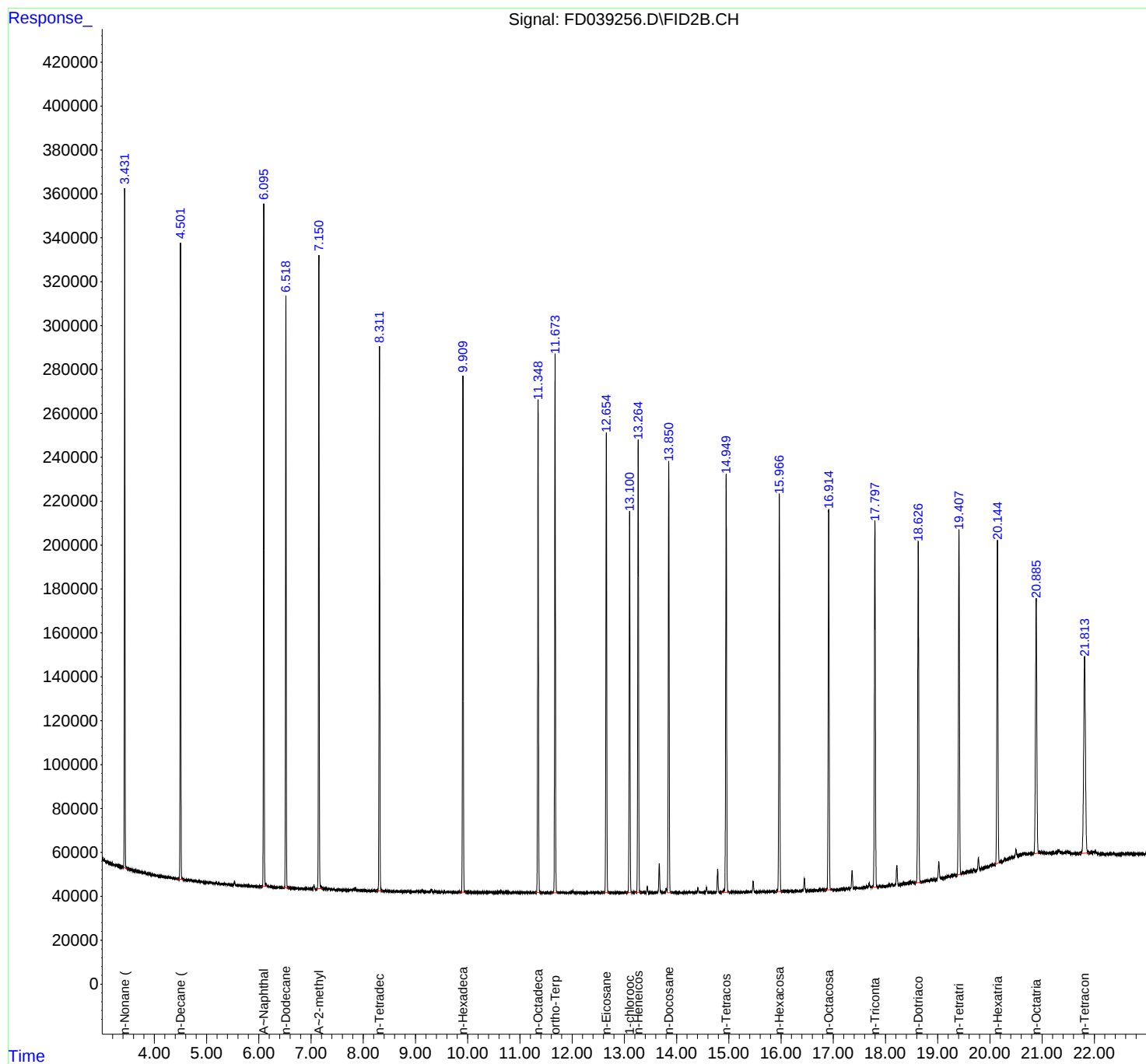
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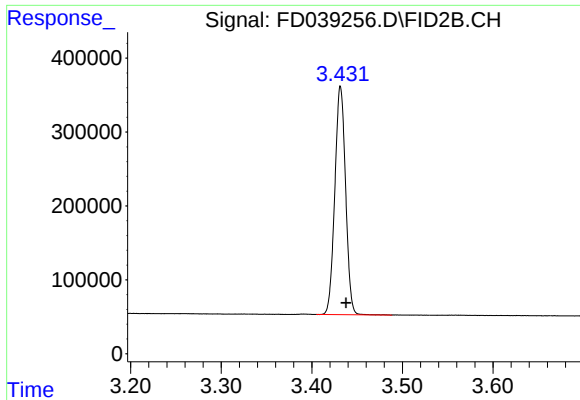
(m)=manual int.

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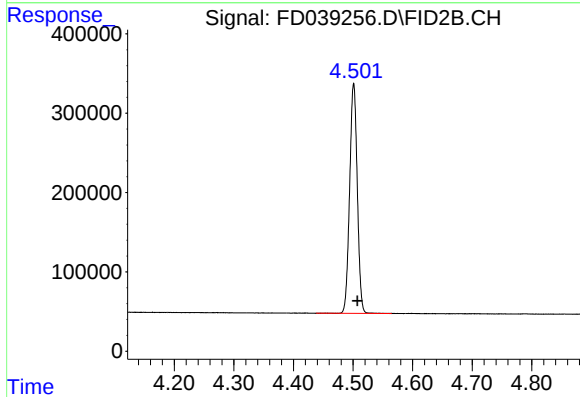
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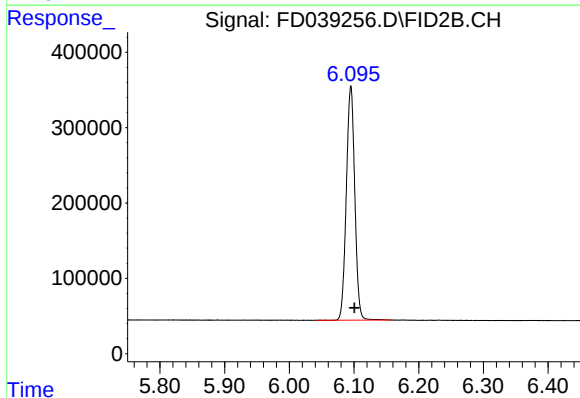
#1 n-Nonane (C9)

R.T.: 3.432 min
Delta R.T.: -0.006 min
Response: 2549612
Conc: 20.21 ug/ml



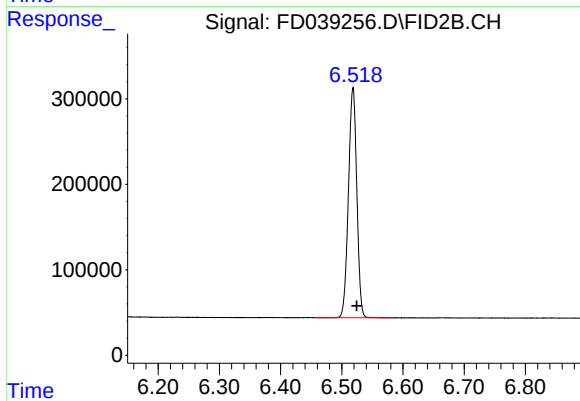
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: -0.007 min
Response: 2574824
Conc: 20.17 ug/ml



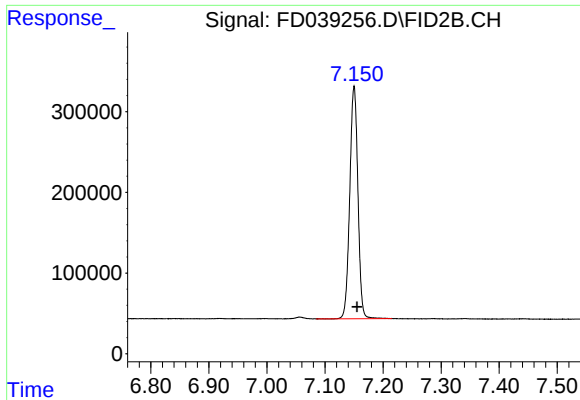
#3 A~Naphthalene (C11.7)

R.T.: 6.095 min
Delta R.T.: -0.006 min
Response: 2826622
Conc: 19.85 ug/ml



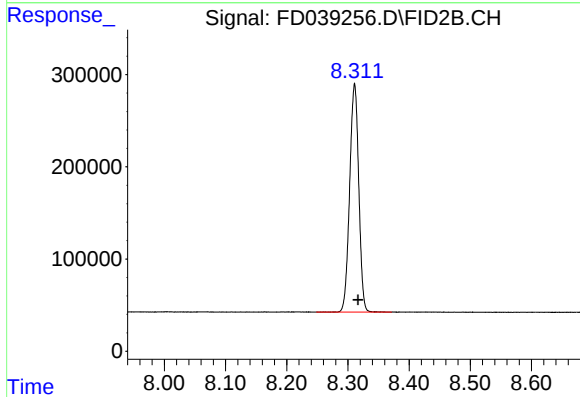
#4 n-Dodecane (C12)

R.T.: 6.518 min
Delta R.T.: -0.006 min
Response: 2563460
Conc: 20.02 ug/ml



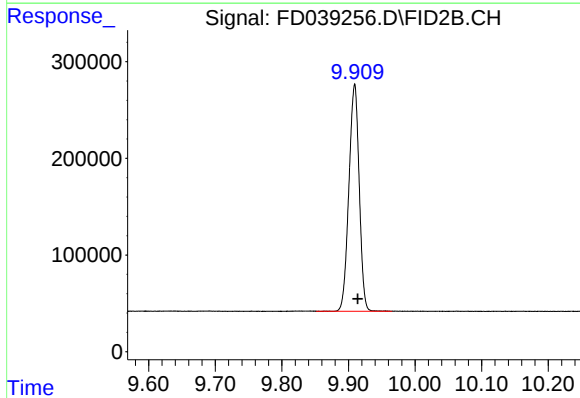
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.150 min
Delta R.T.: -0.005 min
Response: 2809576
Conc: 19.63 ug/ml



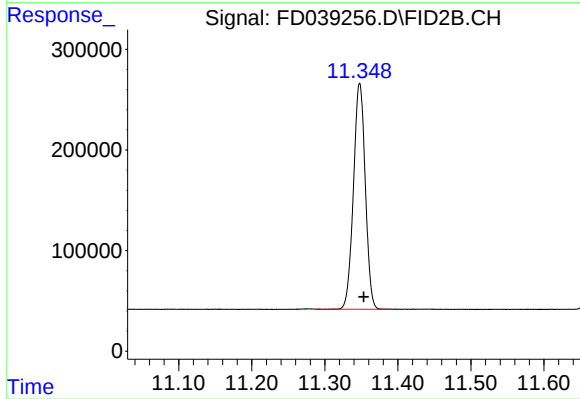
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: -0.006 min
Response: 2553688
Conc: 19.68 ug/ml



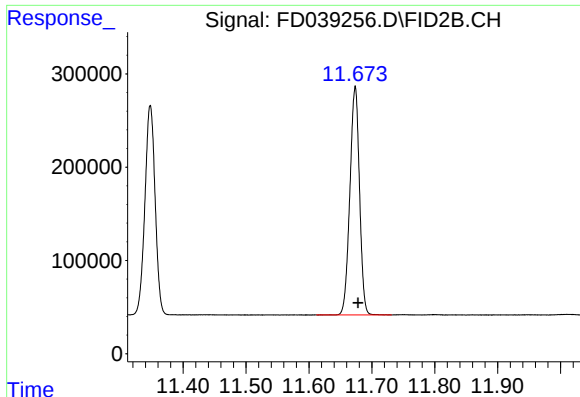
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.005 min
Response: 2523011
Conc: 19.34 ug/ml



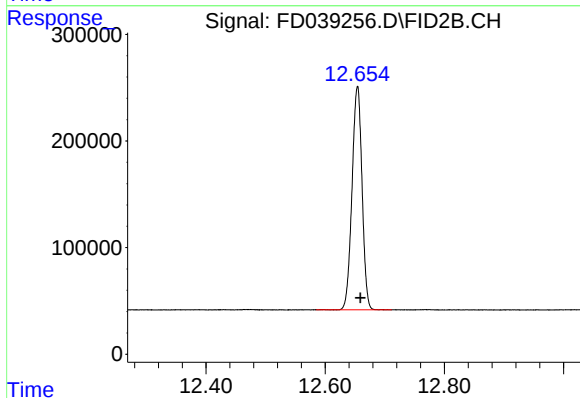
#8 n-Octadecane (C18)

R.T.: 11.348 min
Delta R.T.: -0.005 min
Response: 2530188
Conc: 18.92 ug/ml



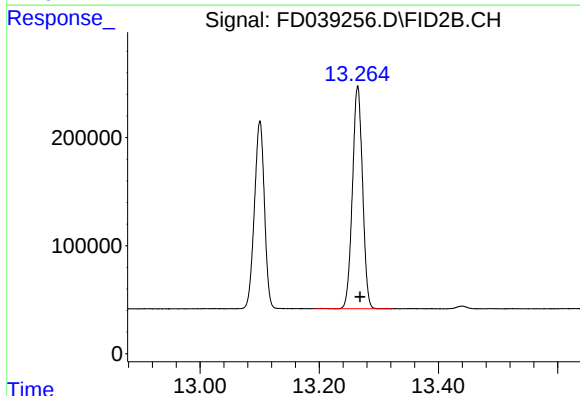
#9 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: -0.005 min
Response: 2596548
Conc: 18.29 ug/ml



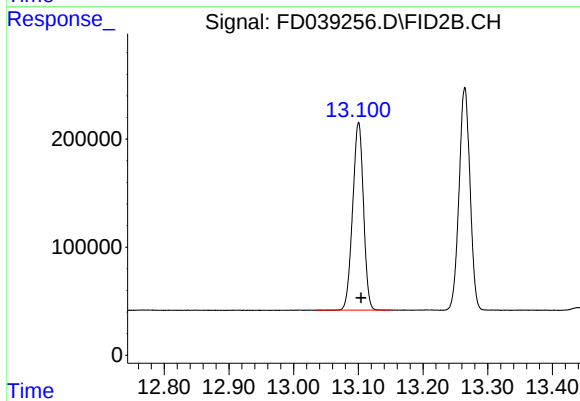
#10 n-Eicosane (C20)

R.T.: 12.654 min
Delta R.T.: -0.005 min
Response: 2445025
Conc: 18.44 ug/ml



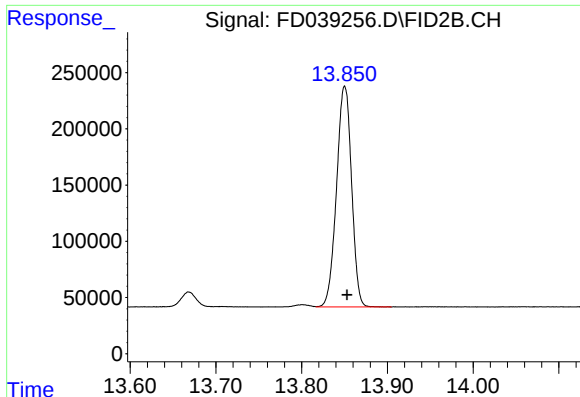
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: -0.004 min
Response: 2427545
Conc: 18.13 ug/ml



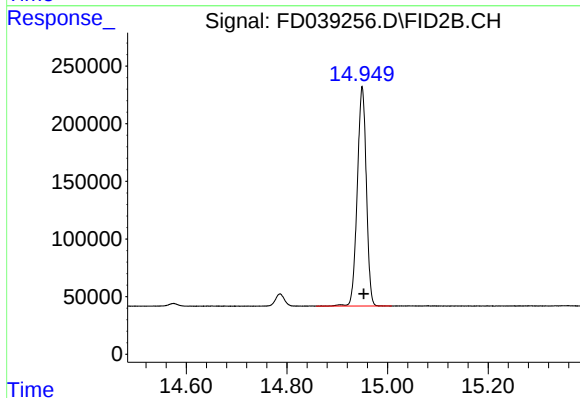
#12 1-chlorooctadecane (SURR)

R.T.: 13.100 min
Delta R.T.: -0.004 min
Response: 2021738
Conc: 17.98 ug/ml



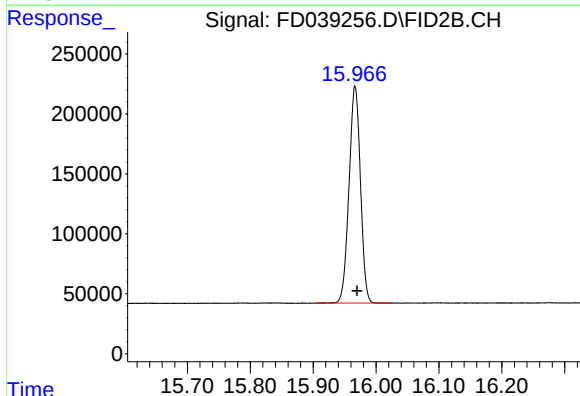
#13 n-Docosane (C22)

R.T.: 13.850 min
Delta R.T.: -0.003 min
Response: 2390639
Conc: 18.02 ug/ml



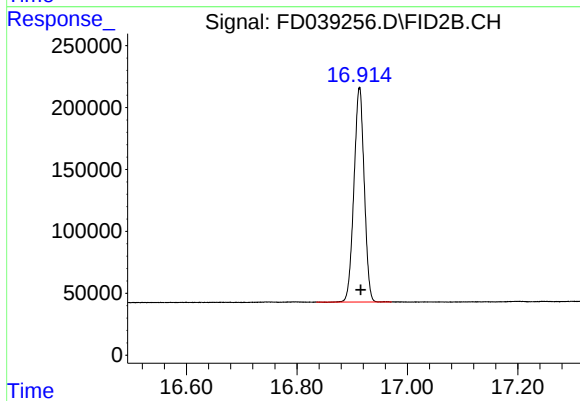
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.003 min
Response: 2377072
Conc: 17.94 ug/ml



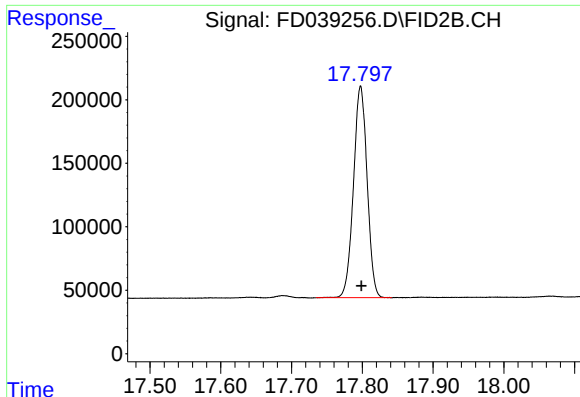
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.003 min
Response: 2279699
Conc: 17.71 ug/ml



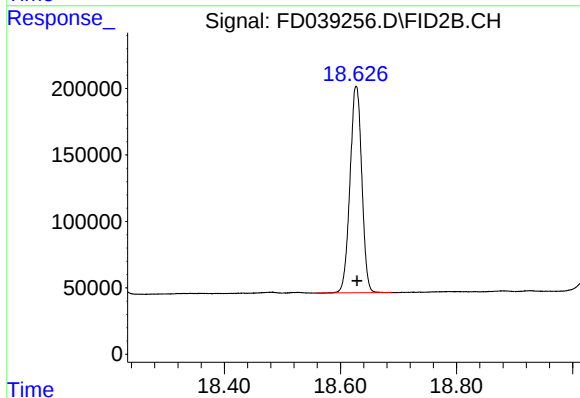
#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: -0.003 min
Response: 2240021
Conc: 17.76 ug/ml



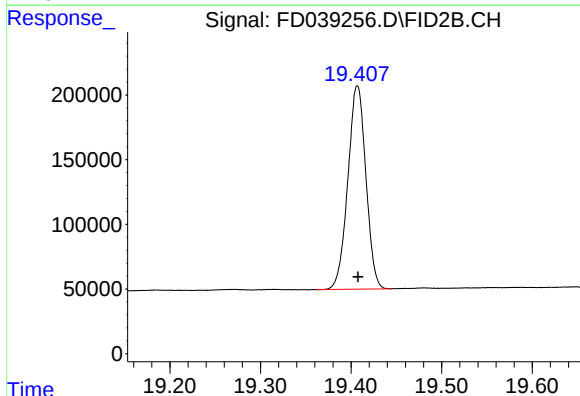
#17 n-Tricontane (C30)

R.T.: 17.798 min
Delta R.T.: 0.000 min
Response: 2232440
Conc: 18.30 ug/ml



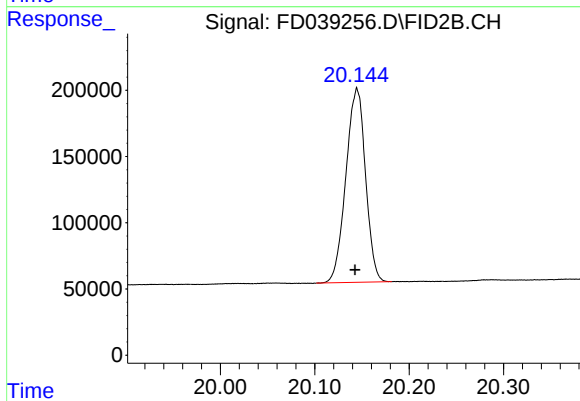
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.001 min
Response: 2193097
Conc: 18.92 ug/ml



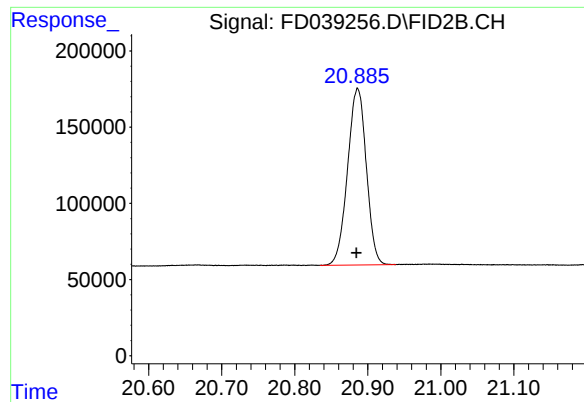
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min
Delta R.T.: 0.000 min
Response: 2173812
Conc: 20.14 ug/ml



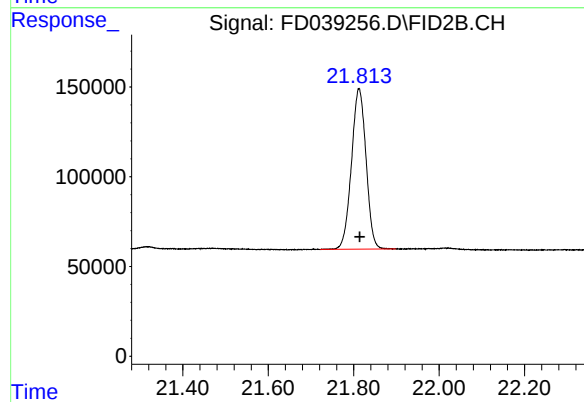
#20 n-Hexatriacontane (C36)

R.T.: 20.144 min
Delta R.T.: 0.002 min
Response: 2115246
Conc: 21.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.886 min
Delta R.T.: 0.002 min
Response: 2063944
Conc: 22.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.812 min
Delta R.T.: -0.001 min
Response: 2114473
Conc: 24.00 ug/ml