

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092221AL\
 Data File : FD038869.D
 Signal(s) : FID2B.CH
 Acq On : 22 Sep 2021 10:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 23 01:05:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 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)	11.676	3140367	21.365 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
12) S 1-chlorooctadecane (S...	13.102	2490802	21.414 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
Target Compounds			
1) T n-Nonane (C9)	3.439	2726555	21.408 ug/ml
2) T n-Decane (C10)	4.508	2765055	21.348 ug/ml
3) T A~Naphthalene (C11.7)	6.100	3110611	21.360 ug/ml
4) T n-Dodecane (C12)	6.525	2784978	21.201 ug/ml
5) T A~2-methylnaphthalene...	7.154	3145229	21.265 ug/ml
6) T n-Tetradecane (C14)	8.316	2835350	21.037 ug/ml
7) T n-Hexadecane (C16)	9.914	2865895	20.961 ug/ml
8) T n-Octadecane (C18)	11.352	2961647	21.192 ug/ml
10) T n-Eicosane (C20)	12.657	2949560	21.392 ug/ml
11) T n-Heneicosane (C21)	13.268	2968397	21.358 ug/ml
13) T n-Docosane (C22)	13.852	2976897	21.851 ug/ml
14) T n-Tetracosane (C24)	14.951	3058370	22.892 ug/ml
15) T n-Hexacosane (C26)	15.967	2928010	23.089 ug/ml
16) T n-Octacosane (C28)	16.911	2819174	23.314 ug/ml
17) T n-Tricontane (C30)	17.795	2668029	23.259 ug/ml
18) T n-Dotriacontane (C32)	18.623	2447083	22.627 ug/ml
19) T n-Tetratriacontane (C34)	19.403	2210421	21.232 ug/ml
20) T n-Hexatriacontane (C36)	20.139	1977704	20.170 ug/ml
21) T n-Octatriacontane (C38)	20.879	1782326	18.902 ug/ml
22) T n-Tetracontane (C40)	21.804	1711478	18.076 ug/ml

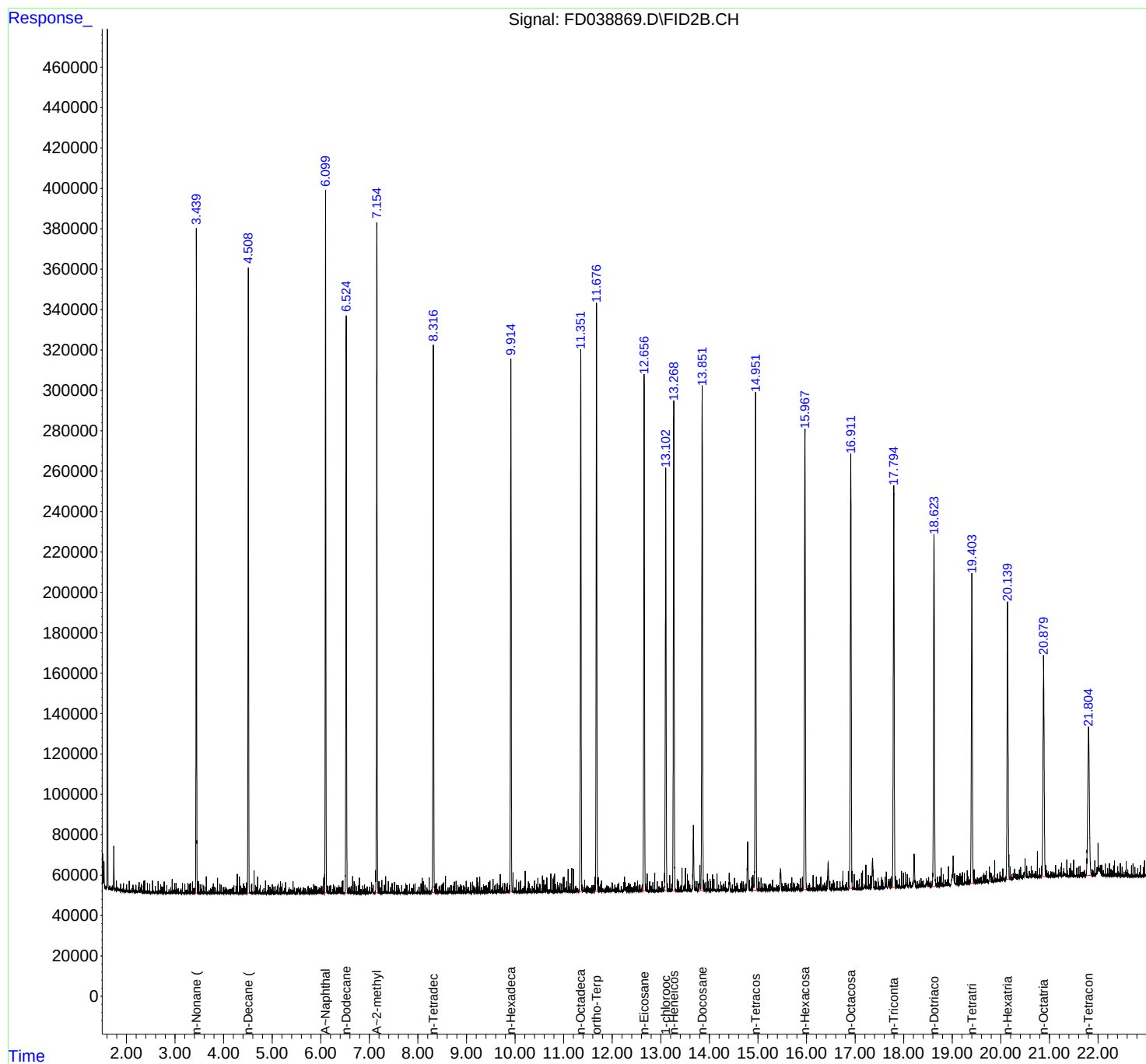
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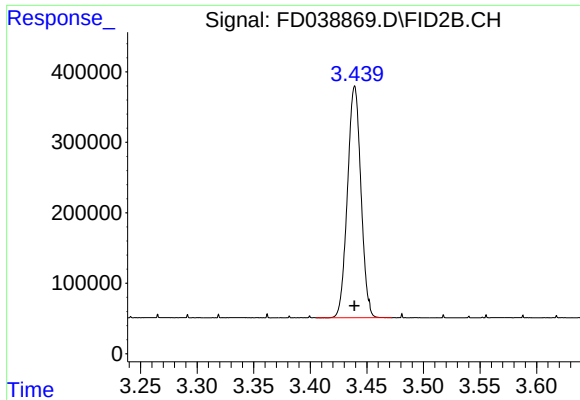
(m)=manual int.

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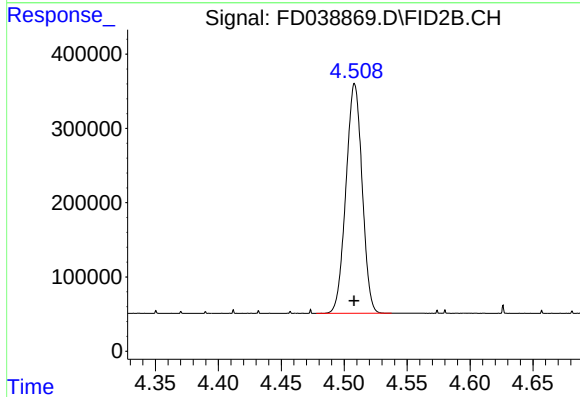
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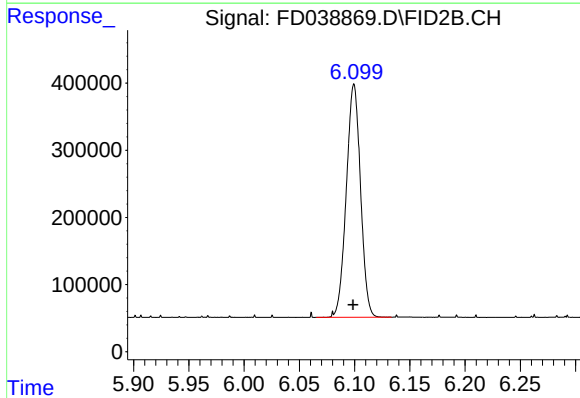
#1 n-Nonane (C9)

R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 2726555
Conc: 21.41 ug/ml



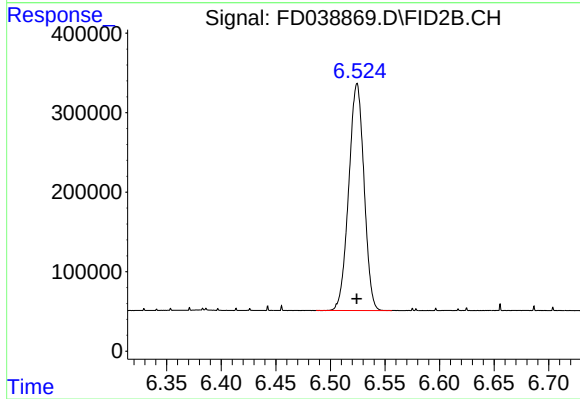
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 2765055
Conc: 21.35 ug/ml



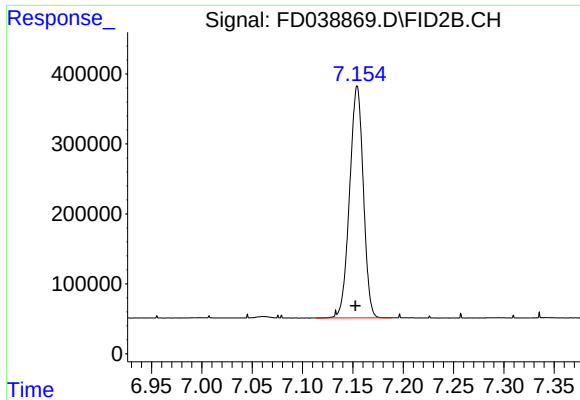
#3 A~Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 3110611
Conc: 21.36 ug/ml



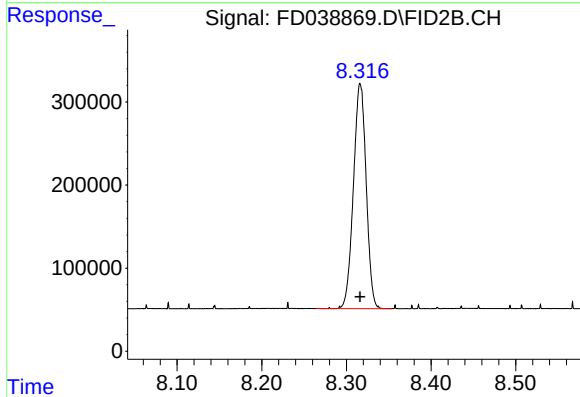
#4 n-Dodecane (C12)

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2784978
Conc: 21.20 ug/ml



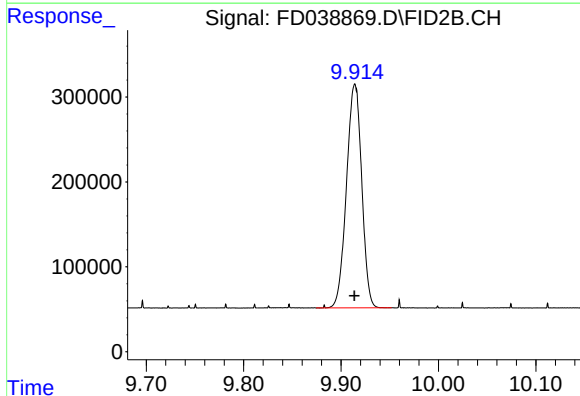
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: 0.002 min
Response: 3145229
Conc: 21.26 ug/ml



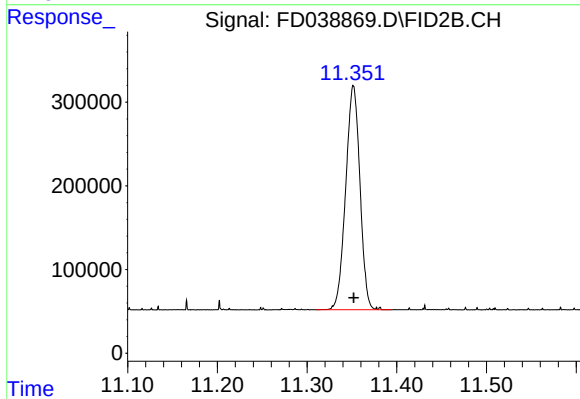
#6 n-Tetradecane (C14)

R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 2835350
Conc: 21.04 ug/ml



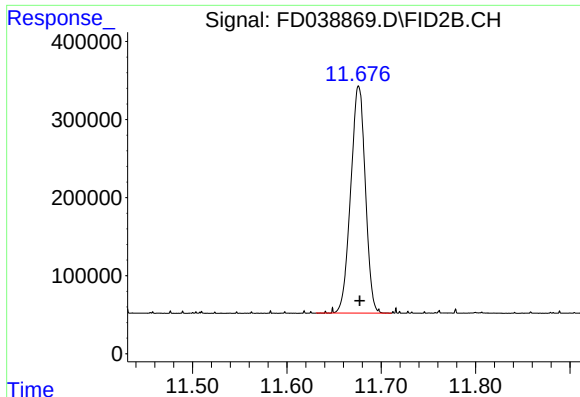
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2865895
Conc: 20.96 ug/ml



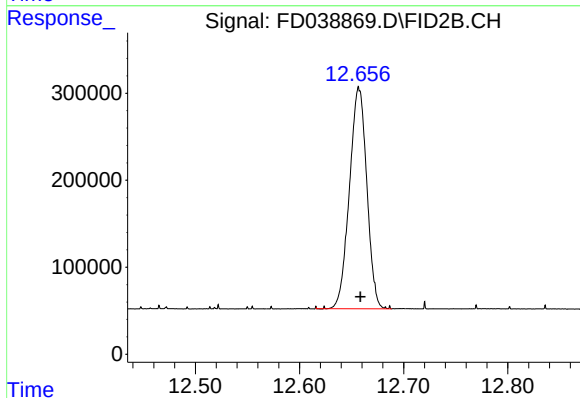
#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: 0.000 min
Response: 2961647
Conc: 21.19 ug/ml



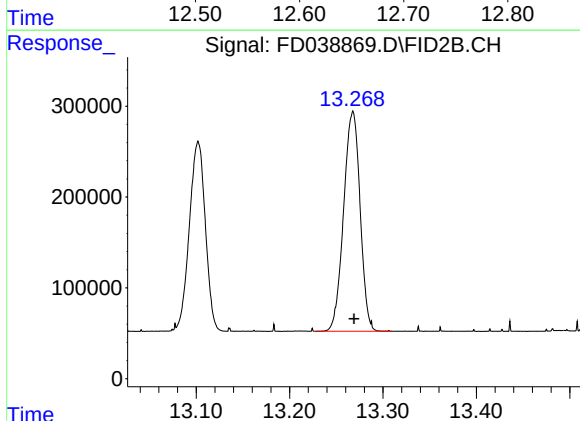
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: 0.000 min
Response: 3140367
Conc: 21.36 ug/ml



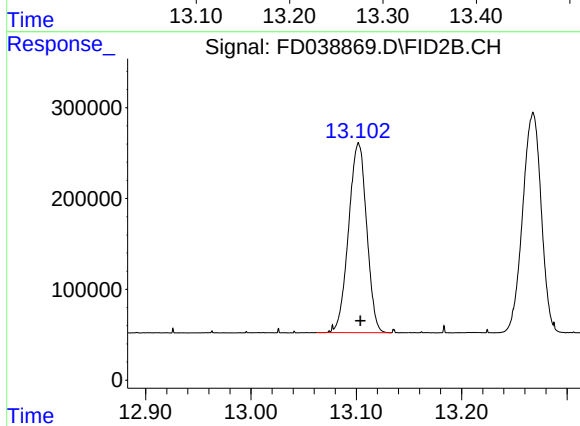
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: -0.001 min
Response: 2949560
Conc: 21.39 ug/ml



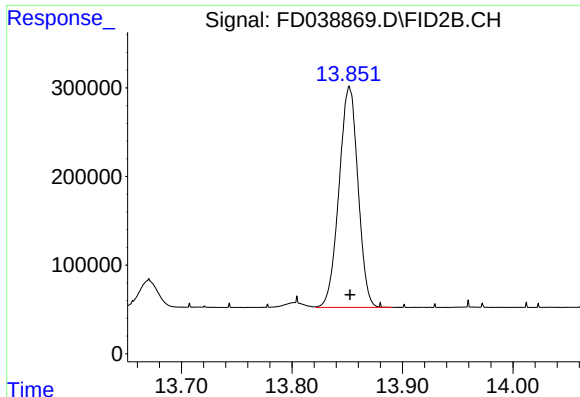
#11 n-Heneicosane (C21)

R.T.: 13.268 min
Delta R.T.: -0.001 min
Response: 2968397
Conc: 21.36 ug/ml



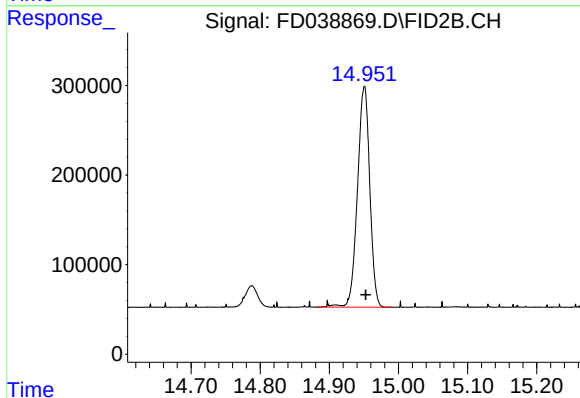
#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.002 min
Response: 2490802
Conc: 21.41 ug/ml



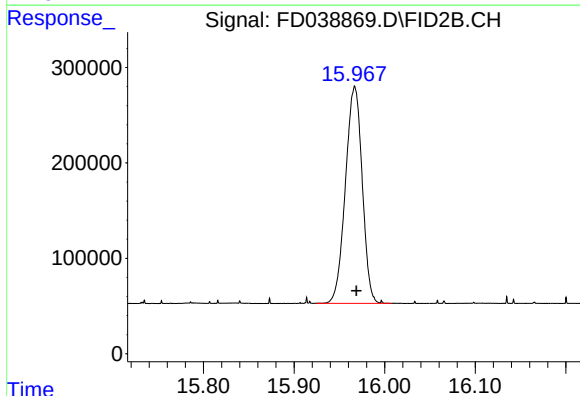
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: 0.000 min
Response: 2976897
Conc: 21.85 ug/ml



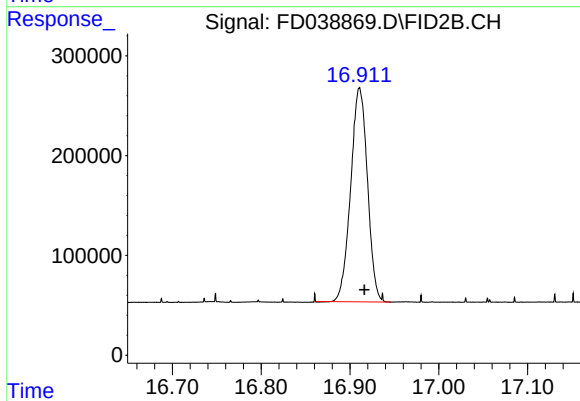
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.002 min
Response: 3058370
Conc: 22.89 ug/ml



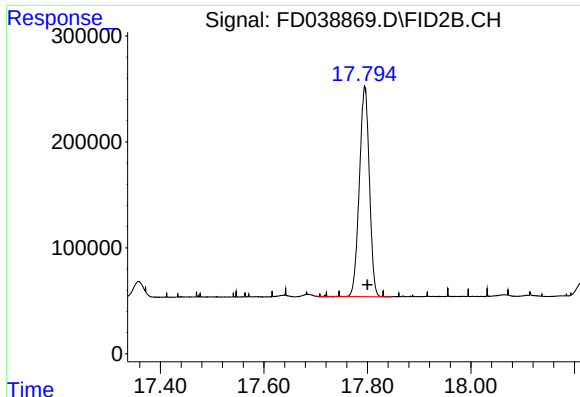
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.002 min
Response: 2928010
Conc: 23.09 ug/ml



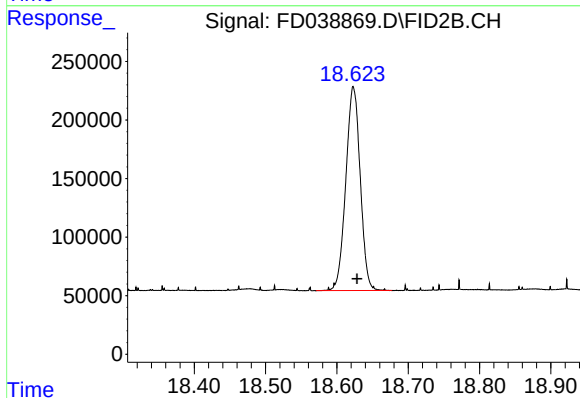
#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: -0.005 min
Response: 2819174
Conc: 23.31 ug/ml



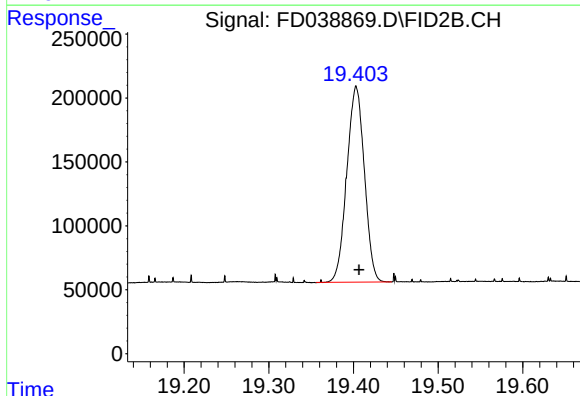
#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: -0.005 min
Response: 2668029
Conc: 23.26 ug/ml



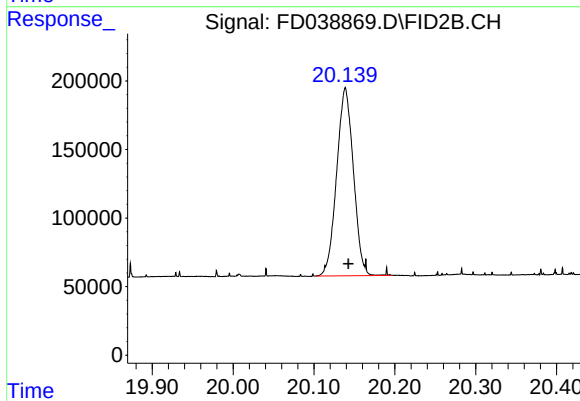
#18 n-Dotriacontane (C32)

R.T.: 18.623 min
Delta R.T.: -0.005 min
Response: 2447083
Conc: 22.63 ug/ml



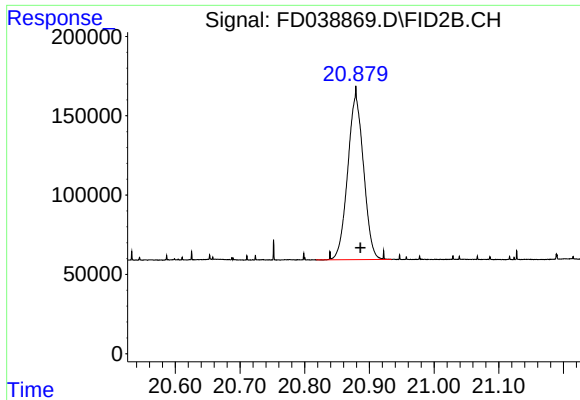
#19 n-Tetratriacontane (C34)

R.T.: 19.403 min
Delta R.T.: -0.003 min
Response: 2210421
Conc: 21.23 ug/ml



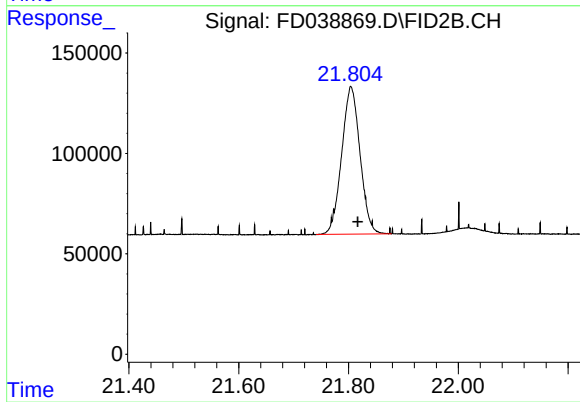
#20 n-Hexatriacontane (C36)

R.T.: 20.139 min
Delta R.T.: -0.004 min
Response: 1977704
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.879 min
Delta R.T.: -0.007 min
Response: 1782326
Conc: 18.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.804 min
Delta R.T.: -0.012 min
Response: 1711478
Conc: 18.08 ug/ml