

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100819AL\
 Data File : FD030933.D
 Signal(s) : FID2B.CH
 Acq On : 09 Oct 2019 9:33
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 09 11:53:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 03:19:09 2019
 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)	11.459	2760871	19.682 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
12) S 1-chlorooctadecane (S...	12.887	2081023	19.180 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T n-Nonane (C9)	3.282	2574268	21.913 ug/ml
2) T n-Decane (C10)	4.338	2585210	22.019 ug/ml
3) T A~Naphthalene (C11.7)	5.910	2822074	21.629 ug/ml
4) T n-Dodecane (C12)	6.342	2629116	22.093 ug/ml
5) T A~2-methylnaphthalene...	6.960	2837513	21.525 ug/ml
6) T n-Tetradecane (C14)	8.126	2629977	21.825 ug/ml
7) T n-Hexadecane (C16)	9.715	2612820	21.365 ug/ml
8) T n-Octadecane (C18)	11.147	2573334	20.659 ug/ml
10) T n-Eicosane (C20)	12.447	2500980	19.833 ug/ml
11) T n-Heneicosane (C21)	13.054	2470343	19.321 ug/ml
13) T n-Docosane (C22)	13.636	2440556	19.051 ug/ml
14) T n-Tetracosane (C24)	14.730	2383550	18.369 ug/ml
15) T n-Hexacosane (C26)	15.742	2336401	17.993 ug/ml
16) T n-Octacosane (C28)	16.685	2317465	17.900 ug/ml
17) T n-Tricontane (C30)	17.564	2293056	17.650 ug/ml
18) T n-Dotriacontane (C32)	18.389	2212140	17.564 ug/ml
19) T n-Tetratriacontane (C34)	19.166	2122231	17.438 ug/ml
20) T n-Hexatriacontane (C36)	19.899	2269756	19.678 ug/ml
21) T n-Octatriacontane (C38)	20.602	1951477	18.503 ug/ml
22) T n-Tetracontane (C40)	21.439	2087435	19.729 ug/ml

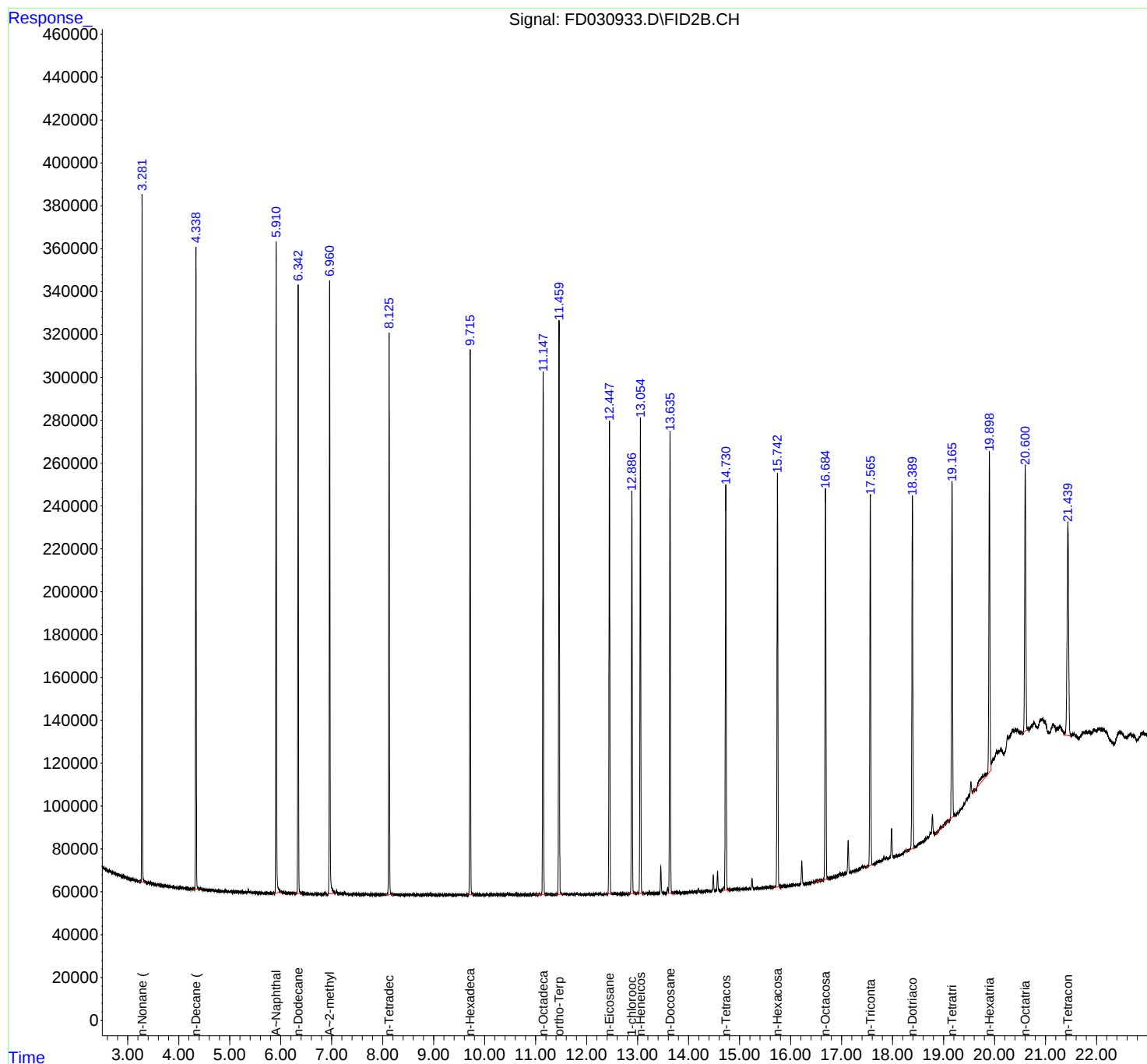
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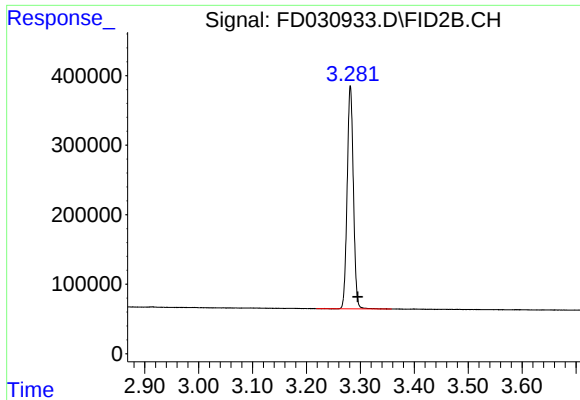
(m)=manual int.

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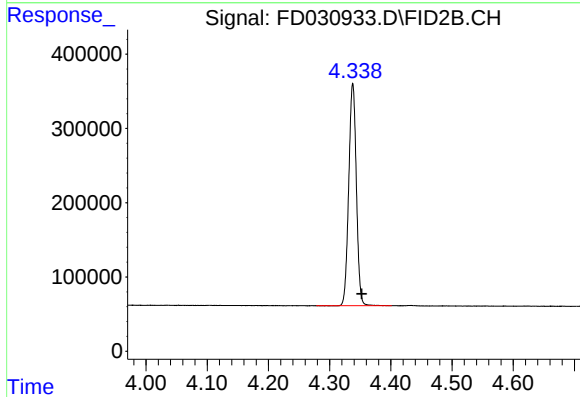
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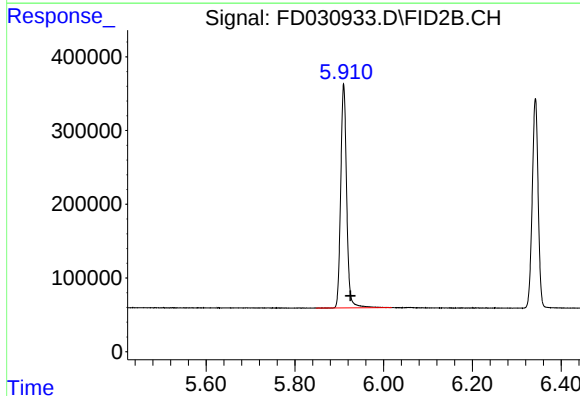
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2574268
Conc: 21.91 ug/ml



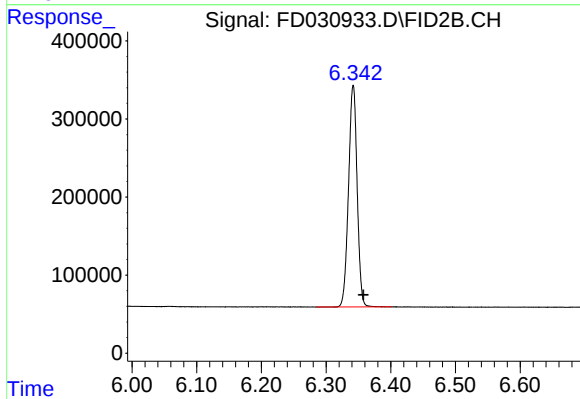
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: -0.014 min
Response: 2585210
Conc: 22.02 ug/ml



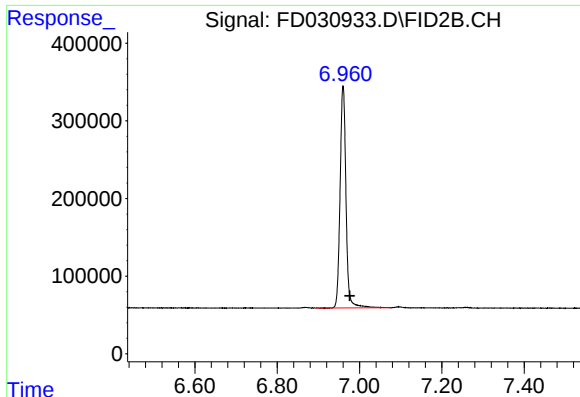
#3 A~Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: -0.015 min
Response: 2822074
Conc: 21.63 ug/ml



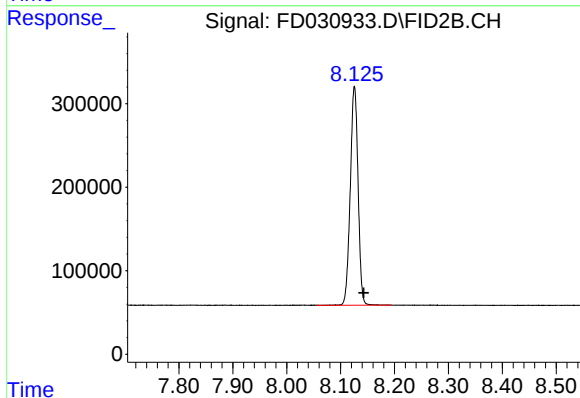
#4 n-Dodecane (C12)

R.T.: 6.342 min
Delta R.T.: -0.016 min
Response: 2629116
Conc: 22.09 ug/ml



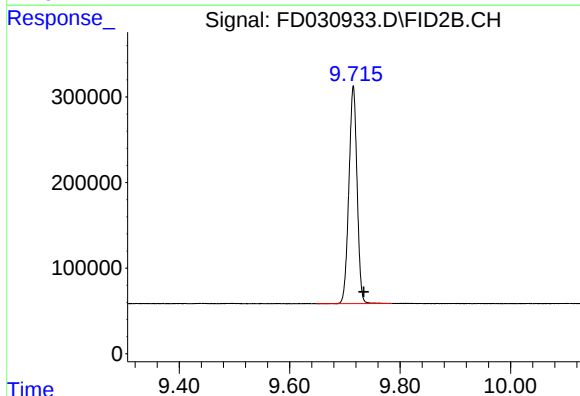
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.960 min
Delta R.T.: -0.017 min
Response: 2837513
Conc: 21.52 ug/ml



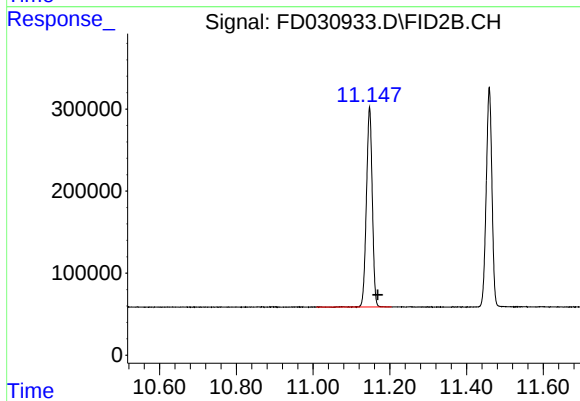
#6 n-Tetradecane (C14)

R.T.: 8.126 min
Delta R.T.: -0.017 min
Response: 2629977
Conc: 21.83 ug/ml



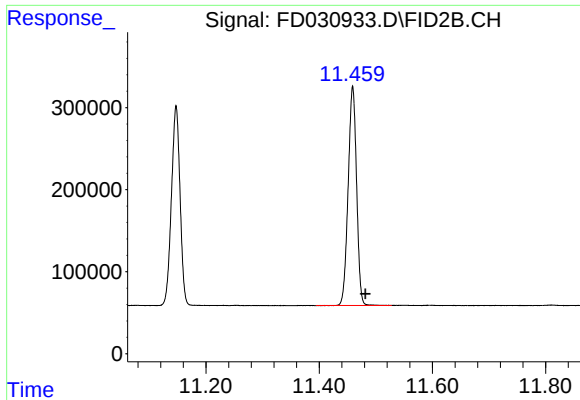
#7 n-Hexadecane (C16)

R.T.: 9.715 min
Delta R.T.: -0.019 min
Response: 2612820
Conc: 21.36 ug/ml



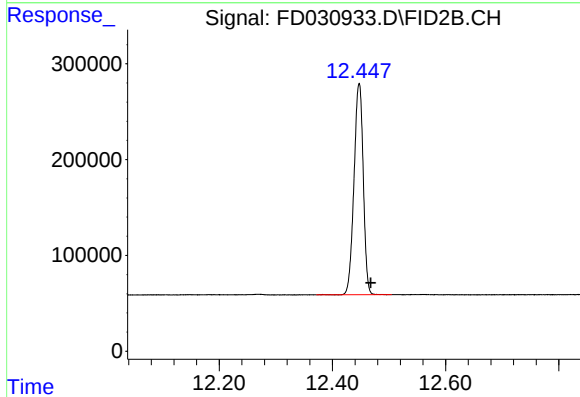
#8 n-Octadecane (C18)

R.T.: 11.147 min
Delta R.T.: -0.021 min
Response: 2573334
Conc: 20.66 ug/ml



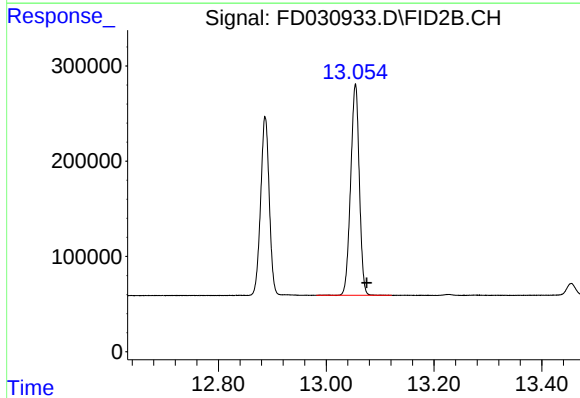
#9 ortho-Terphenyl (SURR)

R.T.: 11.459 min
Delta R.T.: -0.023 min
Response: 2760871
Conc: 19.68 ug/ml



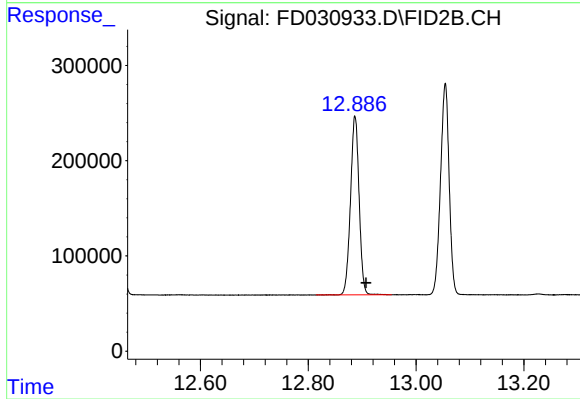
#10 n-Eicosane (C20)

R.T.: 12.447 min
Delta R.T.: -0.021 min
Response: 2500980
Conc: 19.83 ug/ml



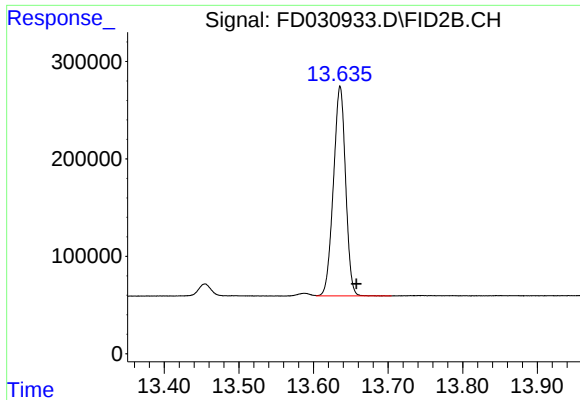
#11 n-Heneicosane (C21)

R.T.: 13.054 min
Delta R.T.: -0.021 min
Response: 2470343
Conc: 19.32 ug/ml



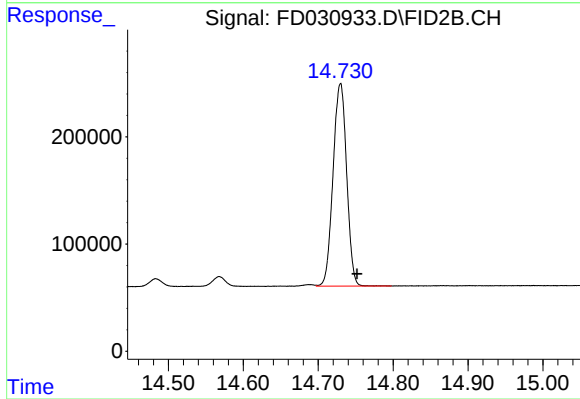
#12 1-chlorooctadecane (SURR)

R.T.: 12.887 min
Delta R.T.: -0.021 min
Response: 2081023
Conc: 19.18 ug/ml



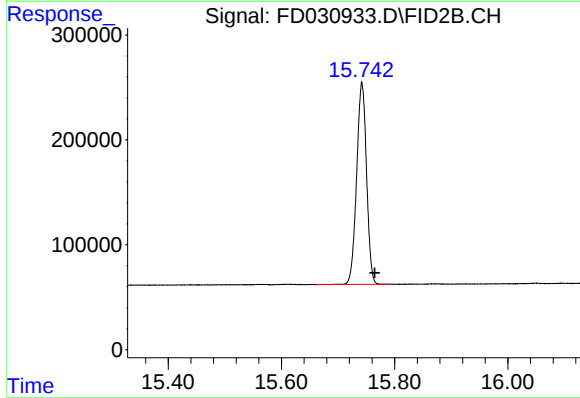
#13 n-Docosane (C22)

R.T.: 13.636 min
Delta R.T.: -0.022 min
Response: 2440556
Conc: 19.05 ug/ml



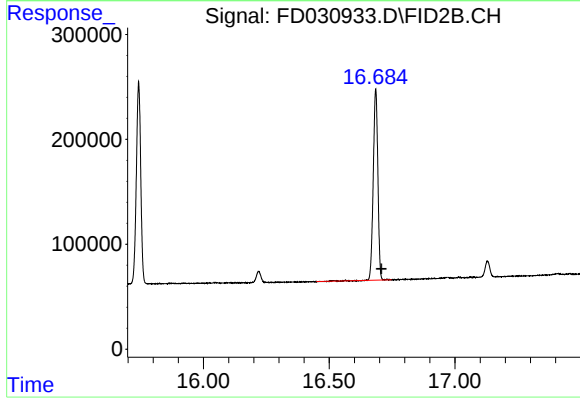
#14 n-Tetracosane (C24)

R.T.: 14.730 min
Delta R.T.: -0.022 min
Response: 2383550
Conc: 18.37 ug/ml



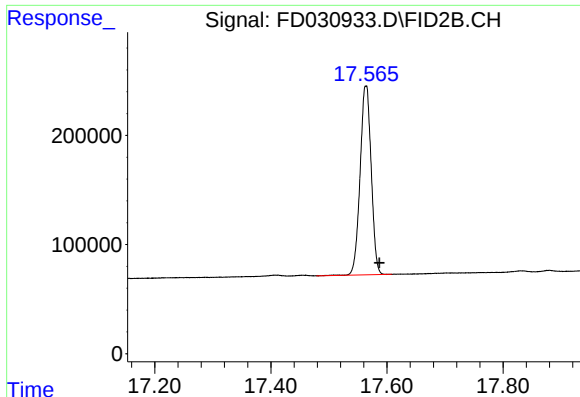
#15 n-Hexacosane (C26)

R.T.: 15.742 min
Delta R.T.: -0.023 min
Response: 2336401
Conc: 17.99 ug/ml



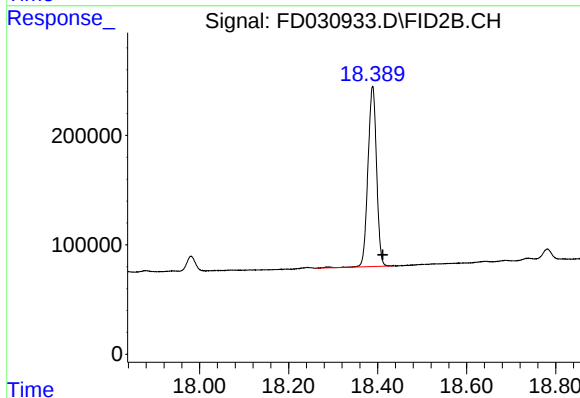
#16 n-Octacosane (C28)

R.T.: 16.685 min
Delta R.T.: -0.022 min
Response: 2317465
Conc: 17.90 ug/ml



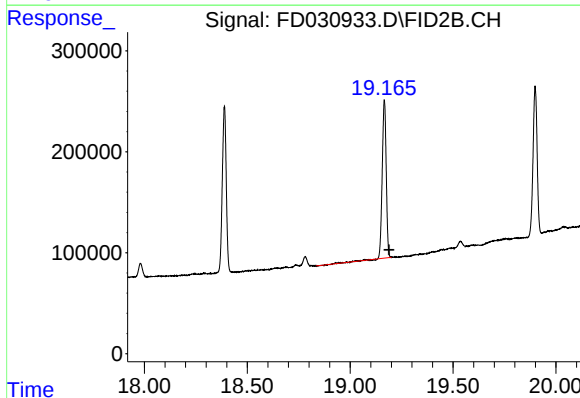
#17 n-Tricontane (C30)

R.T.: 17.564 min
Delta R.T.: -0.023 min
Response: 2293056
Conc: 17.65 ug/ml



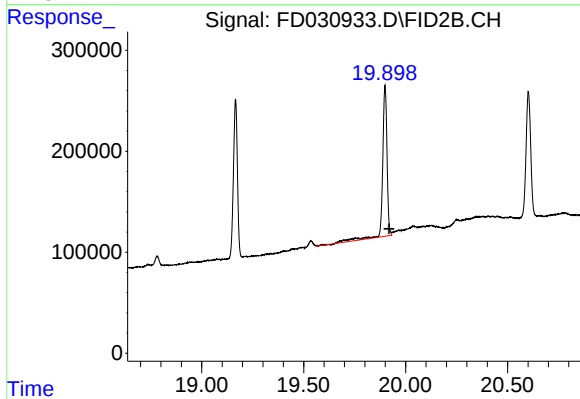
#18 n-Dotriacontane (C32)

R.T.: 18.389 min
Delta R.T.: -0.023 min
Response: 2212140
Conc: 17.56 ug/ml



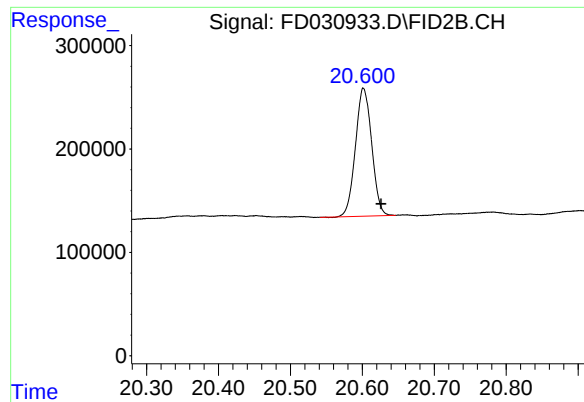
#19 n-Tetratriacontane (C34)

R.T.: 19.166 min
Delta R.T.: -0.022 min
Response: 2122231
Conc: 17.44 ug/ml



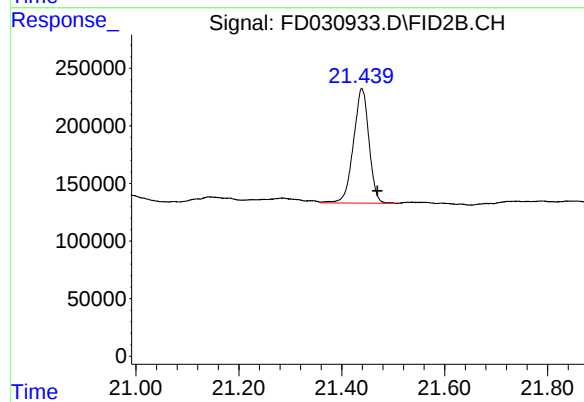
#20 n-Hexatriacontane (C36)

R.T.: 19.899 min
Delta R.T.: -0.021 min
Response: 2269756
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.602 min
Delta R.T.: -0.025 min
Response: 1951477
Conc: 18.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.439 min
Delta R.T.: -0.030 min
Response: 2087435
Conc: 19.73 ug/ml