

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042122AL\
 Data File : FD042030.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2022 3:17
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 22 04:32:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 2022
 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)	11.207	3161437	18.851 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
12) S 1-chlorooctadecane (S...	12.647	2495976	18.915 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.080	2600286	19.077 ug/ml
2) T n-Decane (C10)	4.125	2552764	19.049 ug/ml
3) T A~Naphthalene (C11.7)	5.677	2725042	18.799 ug/ml
4) T n-Dodecane (C12)	6.119	2717307	19.087 ug/ml
5) T A~2-methylnaphthalene...	6.723	2602261	18.674 ug/ml
6) T n-Tetradecane (C14)	7.895	2718220	19.083 ug/ml
7) T n-Hexadecane (C16)	9.480	2785405	19.168 ug/ml
8) T n-Octadecane (C18)	10.910	2853710	19.041 ug/ml
10) T n-Eicosane (C20)	12.209	2884824	18.847 ug/ml
11) T n-Heneicosane (C21)	12.815	2891130	18.753 ug/ml
13) T n-Docosane (C22)	13.398	2883574	18.707 ug/ml
14) T n-Tetracosane (C24)	14.493	2873009	18.577 ug/ml
15) T n-Hexacosane (C26)	15.506	2845275	18.498 ug/ml
16) T n-Octacosane (C28)	16.449	2813892	18.405 ug/ml
17) T n-Tricontane (C30)	17.331	2743520	18.290 ug/ml
18) T n-Dotriacontane (C32)	18.158	2583233	18.269 ug/ml
19) T n-Tetratriacontane (C34)	18.937	2370104	18.417 ug/ml
20) T n-Hexatriacontane (C36)	19.671	2116486	18.703 ug/ml
21) T n-Octatriacontane (C38)	20.368	1896575	19.008 ug/ml
22) T n-Tetracontane (C40)	21.139	1759987	19.512 ug/ml

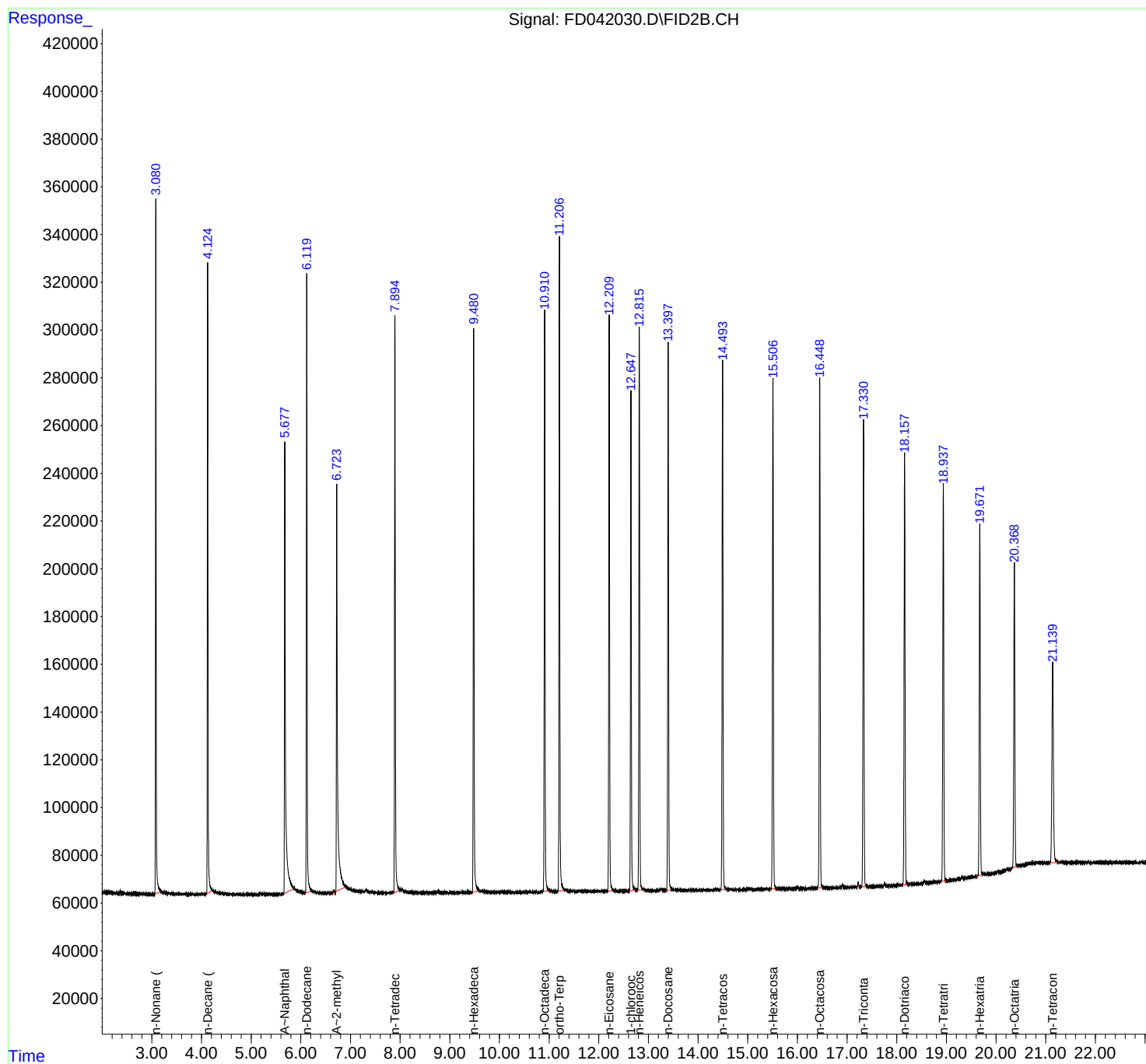
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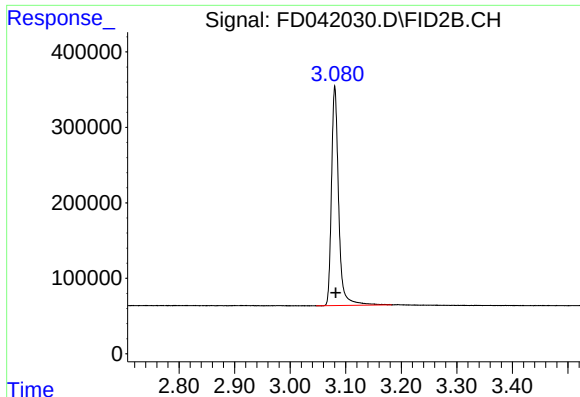
(m)=manual int.

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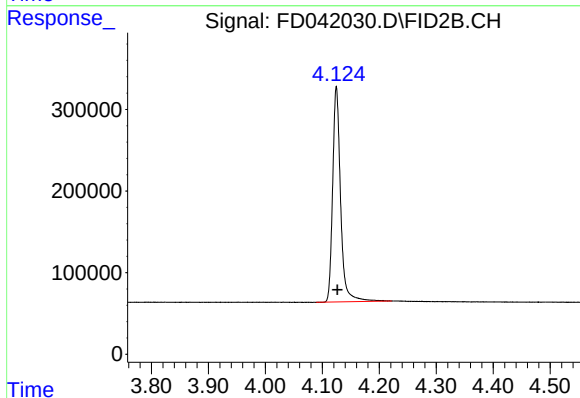
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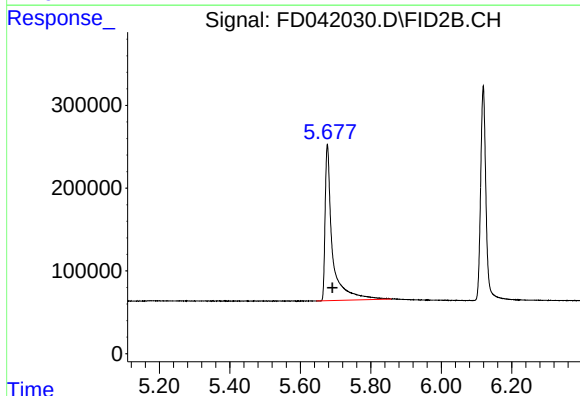
#1 n-Nonane (C9)

R.T.: 3.080 min
Delta R.T.: -0.002 min
Response: 2600286
Conc: 19.08 ug/ml



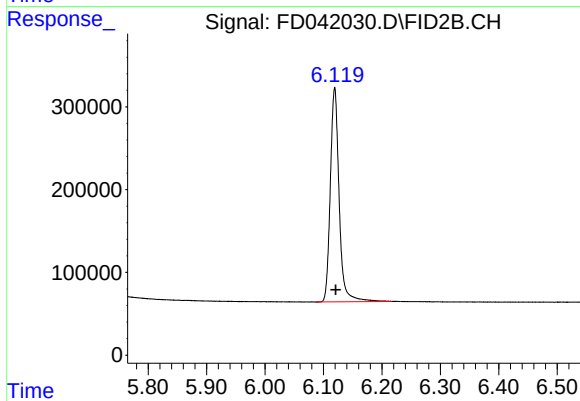
#2 n-Decane (C10)

R.T.: 4.125 min
Delta R.T.: -0.002 min
Response: 2552764
Conc: 19.05 ug/ml



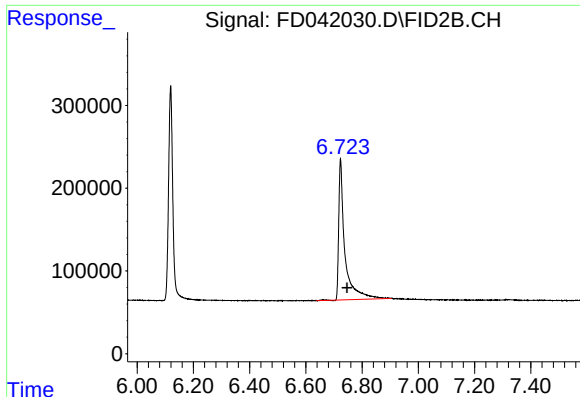
#3 A~Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.014 min
Response: 2725042
Conc: 18.80 ug/ml



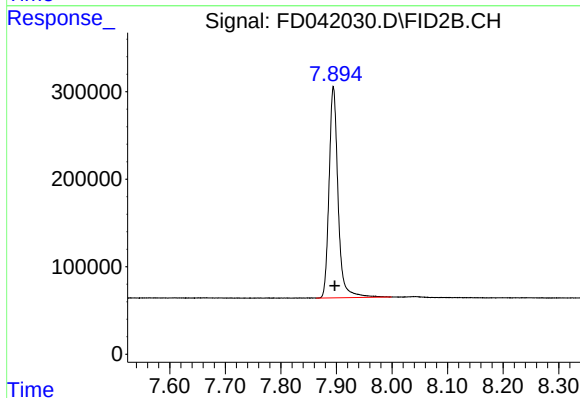
#4 n-Dodecane (C12)

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 2717307
Conc: 19.09 ug/ml



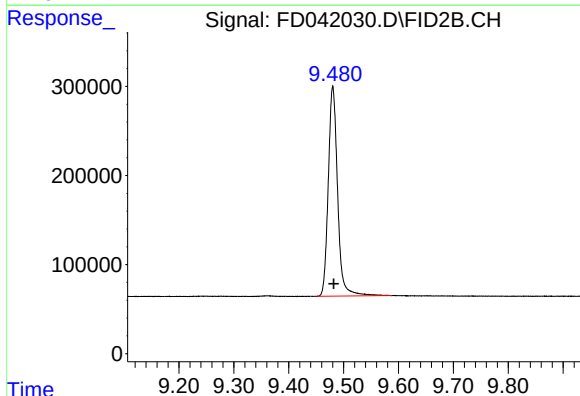
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.023 min
Response: 2602261
Conc: 18.67 ug/ml



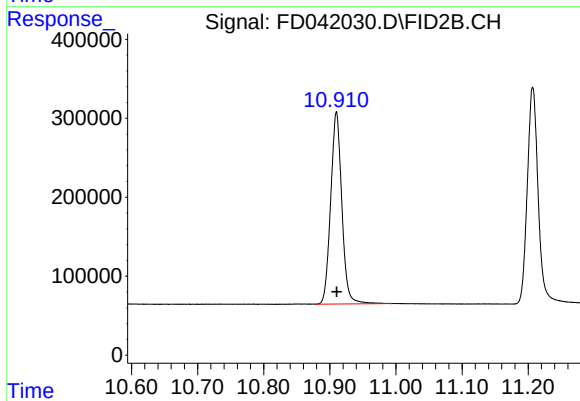
#6 n-Tetradecane (C14)

R.T.: 7.895 min
Delta R.T.: -0.002 min
Response: 2718220
Conc: 19.08 ug/ml



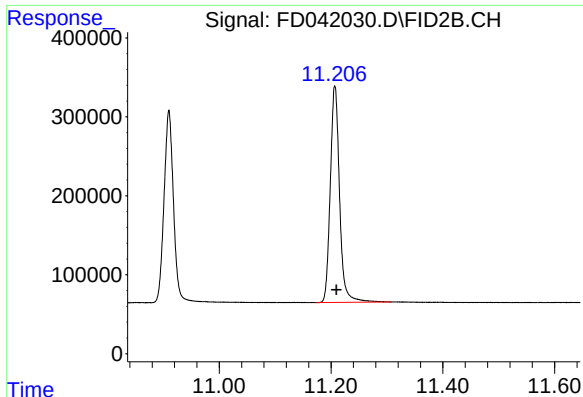
#7 n-Hexadecane (C16)

R.T.: 9.480 min
Delta R.T.: -0.002 min
Response: 2785405
Conc: 19.17 ug/ml



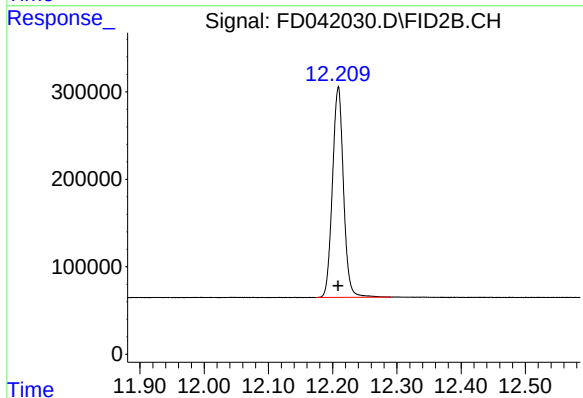
#8 n-Octadecane (C18)

R.T.: 10.910 min
Delta R.T.: 0.000 min
Response: 2853710
Conc: 19.04 ug/ml



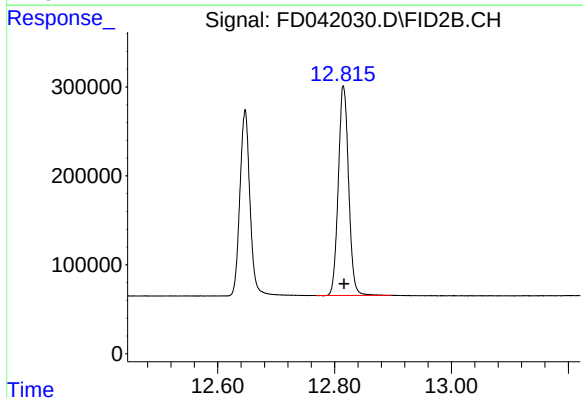
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.002 min
Response: 3161437
Conc: 18.85 ug/ml



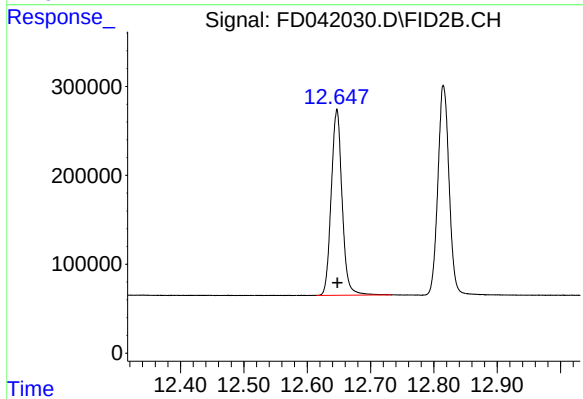
#10 n-Eicosane (C20)

R.T.: 12.209 min
Delta R.T.: 0.000 min
Response: 2884824
Conc: 18.85 ug/ml



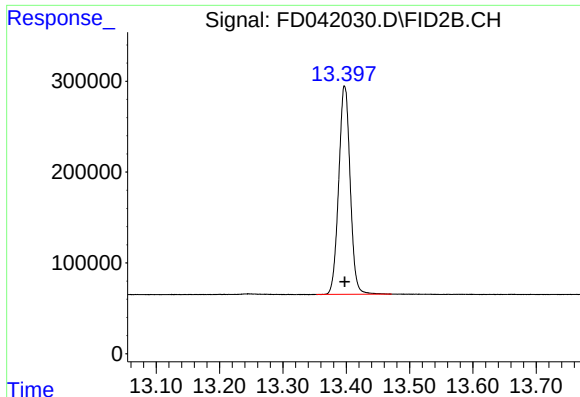
#11 n-Heneicosane (C21)

R.T.: 12.815 min
Delta R.T.: -0.001 min
Response: 2891130
Conc: 18.75 ug/ml



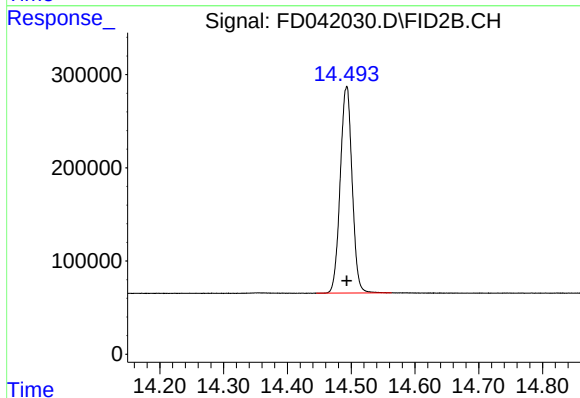
#12 1-chlorooctadecane (SURR)

R.T.: 12.647 min
Delta R.T.: 0.000 min
Response: 2495976
Conc: 18.91 ug/ml



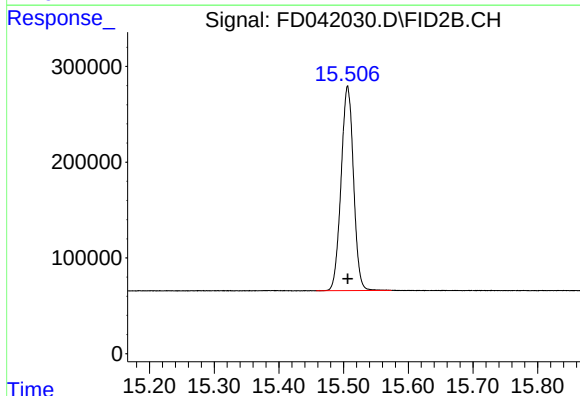
#13 n-Docosane (C22)

R.T.: 13.398 min
Delta R.T.: 0.000 min
Response: 2883574
Conc: 18.71 ug/ml



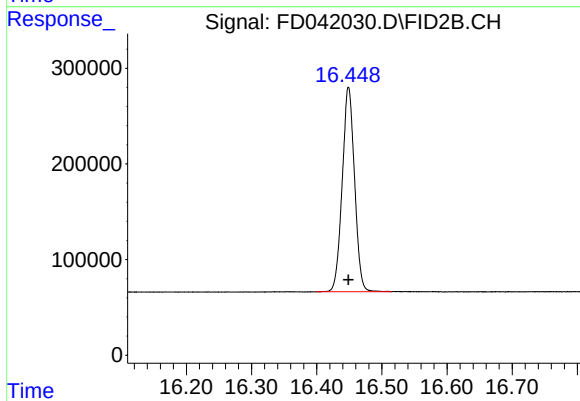
#14 n-Tetracosane (C24)

R.T.: 14.493 min
Delta R.T.: 0.000 min
Response: 2873009
Conc: 18.58 ug/ml



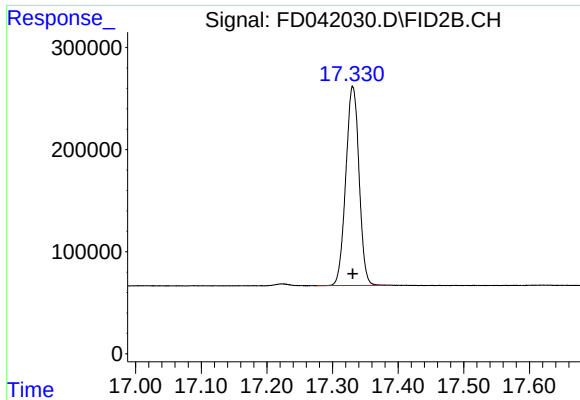
#15 n-Hexacosane (C26)

R.T.: 15.506 min
Delta R.T.: 0.000 min
Response: 2845275
Conc: 18.50 ug/ml



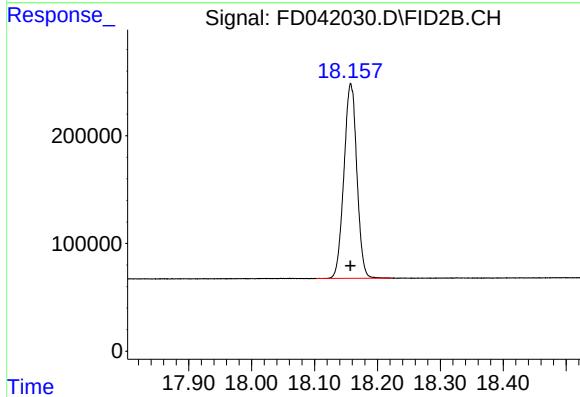
#16 n-Octacosane (C28)

R.T.: 16.449 min
Delta R.T.: 0.000 min
Response: 2813892
Conc: 18.40 ug/ml



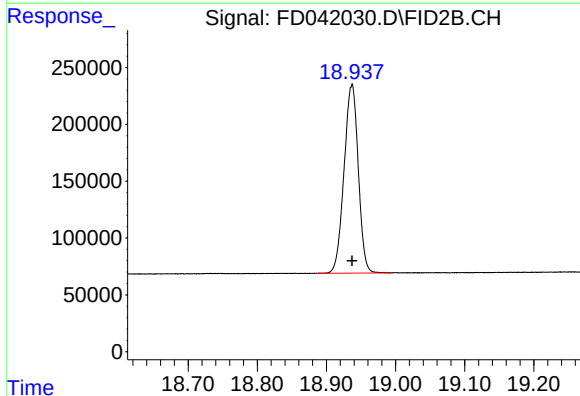
#17 n-Tricontane (C30)

R.T.: 17.331 min
Delta R.T.: 0.000 min
Response: 2743520
Conc: 18.29 ug/ml



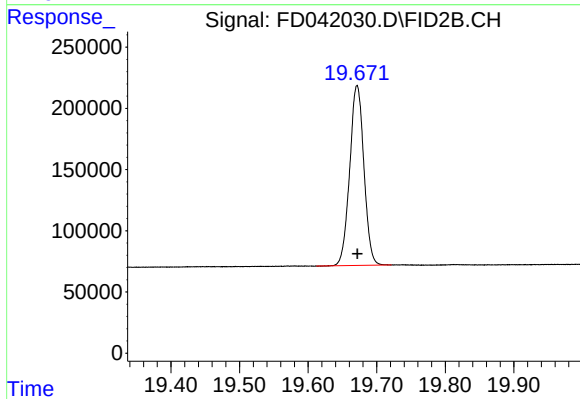
#18 n-Dotriacontane (C32)

R.T.: 18.158 min
Delta R.T.: 0.000 min
Response: 2583233
Conc: 18.27 ug/ml



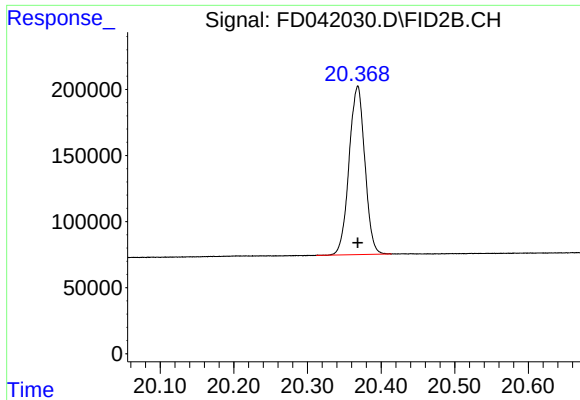
#19 n-Tetratriacontane (C34)

R.T.: 18.937 min
Delta R.T.: 0.000 min
Response: 2370104
Conc: 18.42 ug/ml



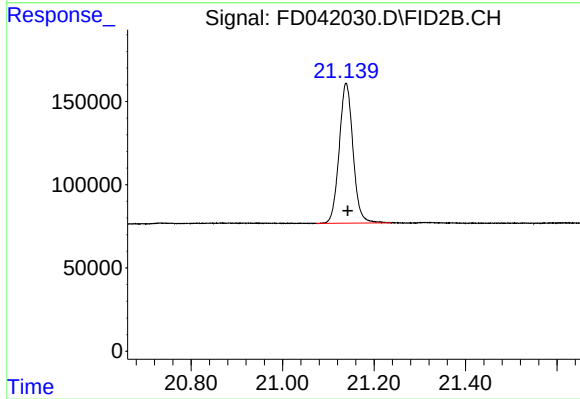
#20 n-Hexatriacontane (C36)

R.T.: 19.671 min
Delta R.T.: 0.000 min
Response: 2116486
Conc: 18.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.368 min
Delta R.T.: 0.000 min
Response: 1896575
Conc: 19.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.139 min
Delta R.T.: -0.003 min
Response: 1759987
Conc: 19.51 ug/ml