

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030221AL\
 Data File : FD036302.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2021 6:47
 Operator : DD/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 03 07:13:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030121.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 01 15:18:42 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)	11.515	2667492	19.532 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
12) S 1-chlorooctadecane (S...	12.948	2039720	19.486 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
Target Compounds			
1) T n-Nonane (C9)	3.301	2435063	20.337 ug/ml
2) T n-Decane (C10)	4.365	2465311	20.372 ug/ml
3) T A~Naphthalene (C11.7)	5.945	2795950	20.350 ug/ml
4) T n-Dodecane (C12)	6.378	2502281	20.299 ug/ml
5) T A~2-methylnaphthalene...	6.999	2843060	20.287 ug/ml
6) T n-Tetradecane (C14)	8.168	2483675	20.161 ug/ml
7) T n-Hexadecane (C16)	9.764	2411179	20.007 ug/ml
8) T n-Octadecane (C18)	11.200	2536002	20.353 ug/ml
10) T n-Eicosane (C20)	12.505	2500042	20.092 ug/ml
11) T n-Heneicosane (C21)	13.115	2469473	19.965 ug/ml
13) T n-Docosane (C22)	13.699	2454106	19.944 ug/ml
14) T n-Tetracosane (C24)	14.797	2415748	19.922 ug/ml
15) T n-Hexacosane (C26)	15.813	2306574	19.507 ug/ml
16) T n-Octacosane (C28)	16.758	2260348	19.548 ug/ml
17) T n-Tricontane (C30)	17.641	2221373	19.673 ug/ml
18) T n-Dotriacontane (C32)	18.468	2223744	20.557 ug/ml
19) T n-Tetratriacontane (C34)	19.248	2061750	19.760 ug/ml
20) T n-Hexatriacontane (C36)	19.983	2034207	20.595 ug/ml
21) T n-Octatriacontane (C38)	20.697	1950773	20.950 ug/ml
22) T n-Tetracontane (C40)	21.560	1916026	20.388 ug/ml

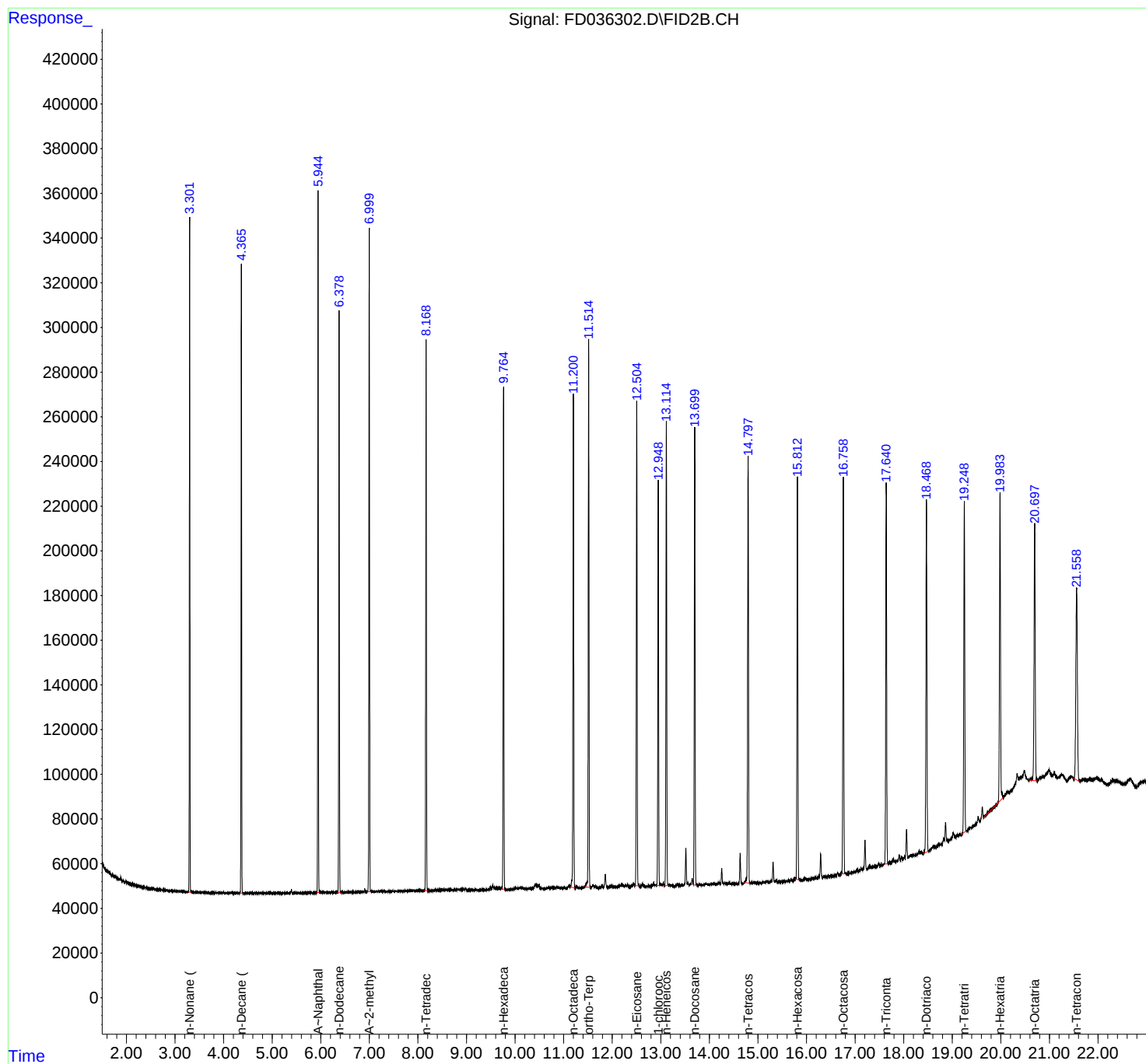
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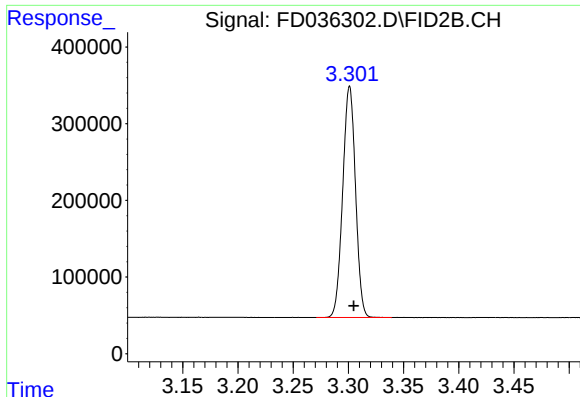
(m)=manual int.

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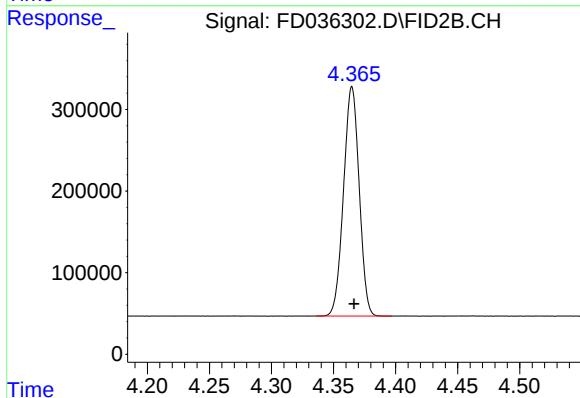
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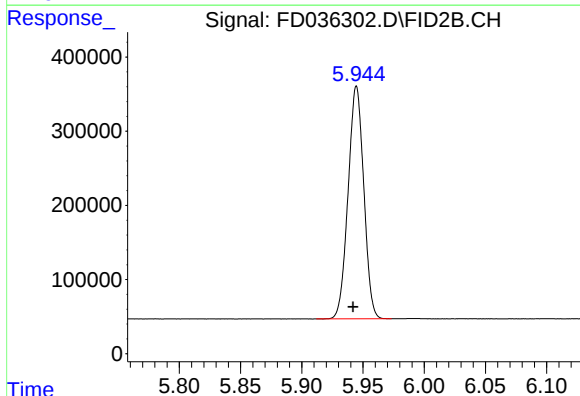
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.004 min
Response: 2435063
Conc: 20.34 ug/ml



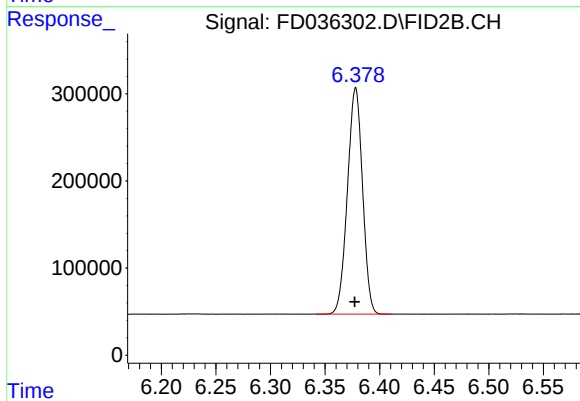
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.002 min
Response: 2465311
Conc: 20.37 ug/ml



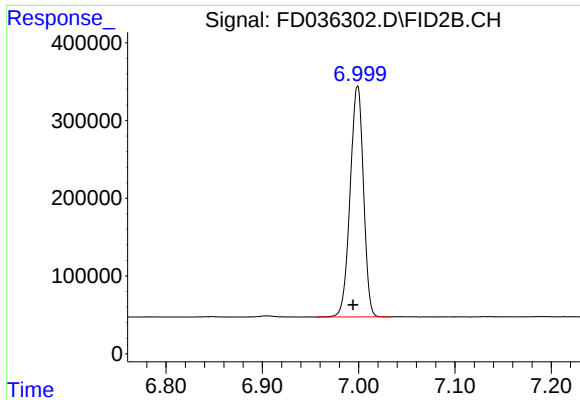
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: 0.003 min
Response: 2795950
Conc: 20.35 ug/ml



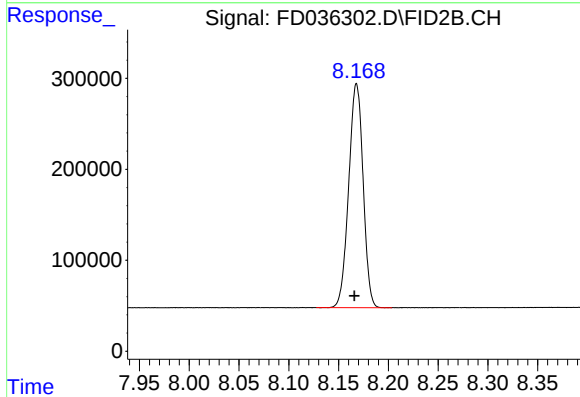
#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 2502281
Conc: 20.30 ug/ml



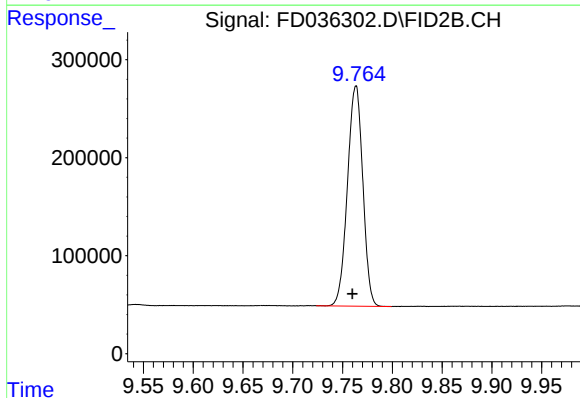
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: 0.005 min
Response: 2843060
Conc: 20.29 ug/ml



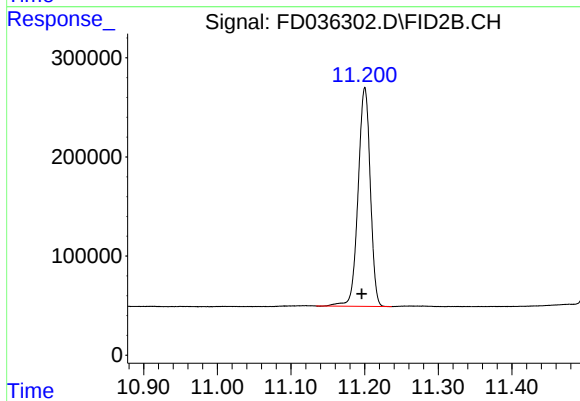
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.002 min
Response: 2483675
Conc: 20.16 ug/ml



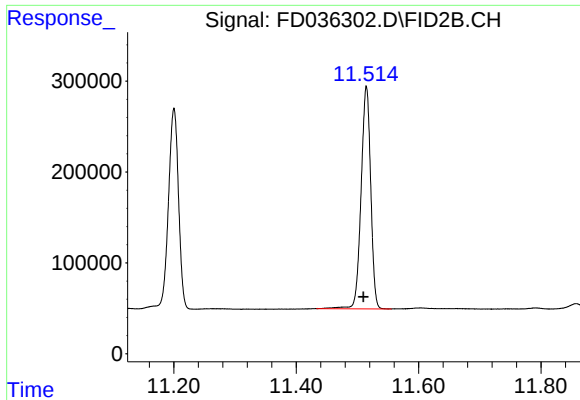
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: 0.004 min
Response: 2411179
Conc: 20.01 ug/ml



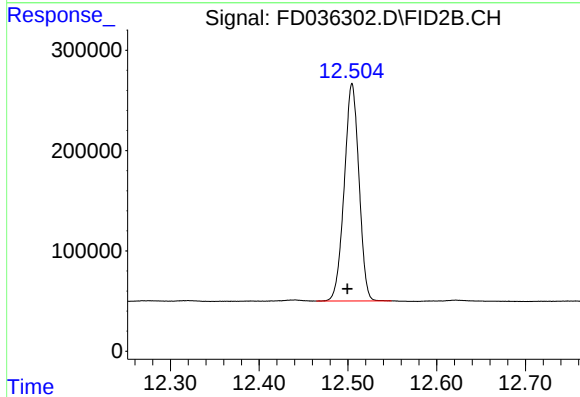
#8 n-Octadecane (C18)

R.T.: 11.200 min
Delta R.T.: 0.004 min
Response: 2536002
Conc: 20.35 ug/ml



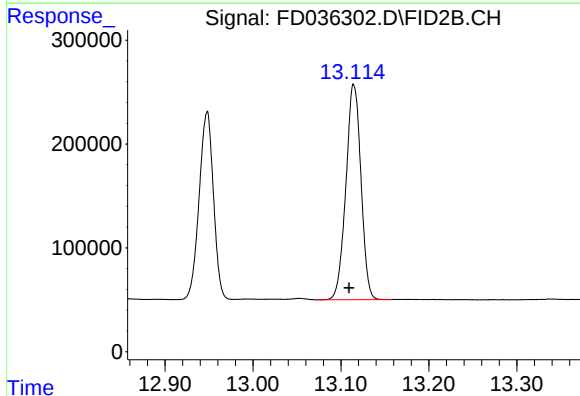
#9 ortho-Terphenyl (SURR)

R.T.: 11.515 min
Delta R.T.: 0.005 min
Response: 2667492
Conc: 19.53 ug/ml



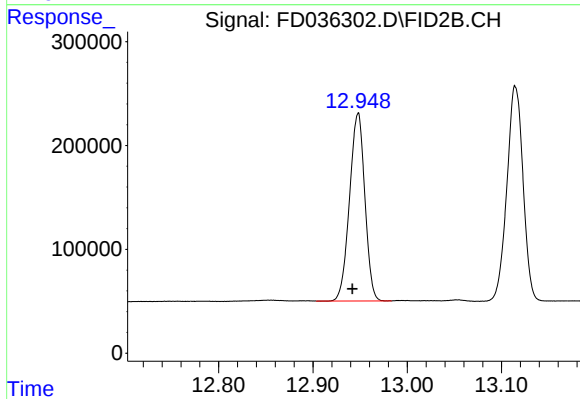
#10 n-Eicosane (C20)

R.T.: 12.505 min
Delta R.T.: 0.005 min
Response: 2500042
Conc: 20.09 ug/ml



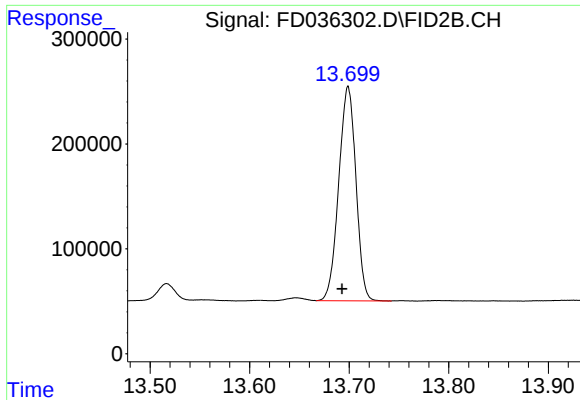
#11 n-Heneicosane (C21)

R.T.: 13.115 min
Delta R.T.: 0.005 min
Response: 2469473
Conc: 19.96 ug/ml



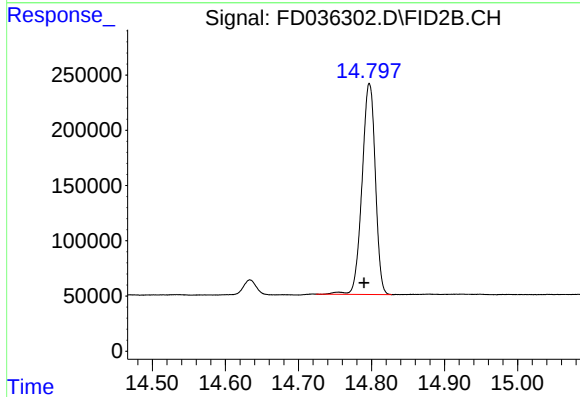
#12 1-chlorooctadecane (SURR)

R.T.: 12.948 min
Delta R.T.: 0.006 min
Response: 2039720
Conc: 19.49 ug/ml



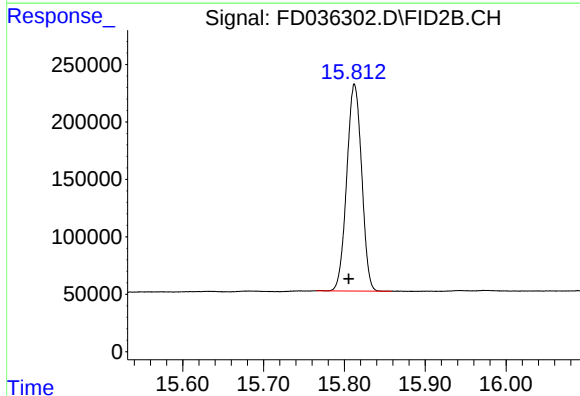
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: 0.006 min
Response: 2454106
Conc: 19.94 ug/ml



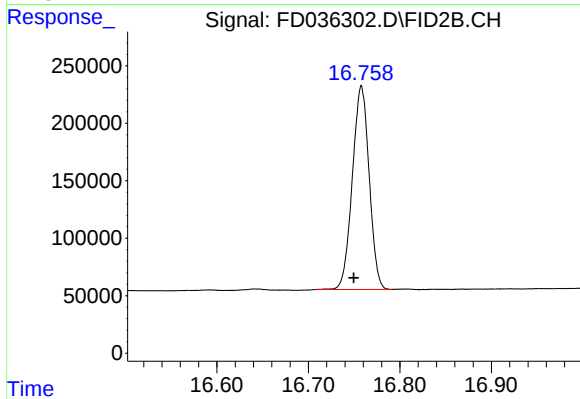
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.008 min
Response: 2415748
Conc: 19.92 ug/ml



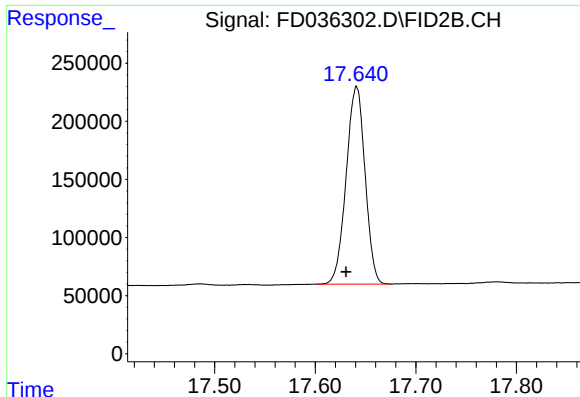
#15 n-Hexacosane (C26)

R.T.: 15.813 min
Delta R.T.: 0.007 min
Response: 2306574
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.758 min
Delta R.T.: 0.008 min
Response: 2260348
Conc: 19.55 ug/ml



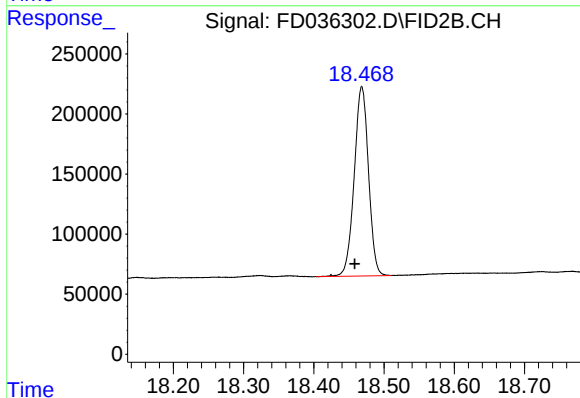
#17 n-Tricontane (C30)

R.T.: 17.641 min

Delta R.T.: 0.010 min

Response: 2221373

Conc: 19.67 ug/ml



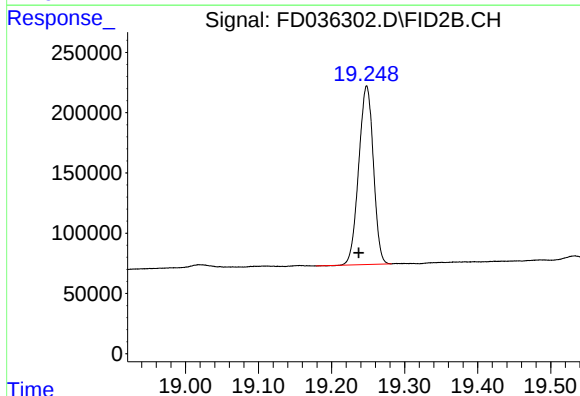
#18 n-Dotriacontane (C32)

R.T.: 18.468 min

Delta R.T.: 0.010 min

Response: 2223744

Conc: 20.56 ug/ml



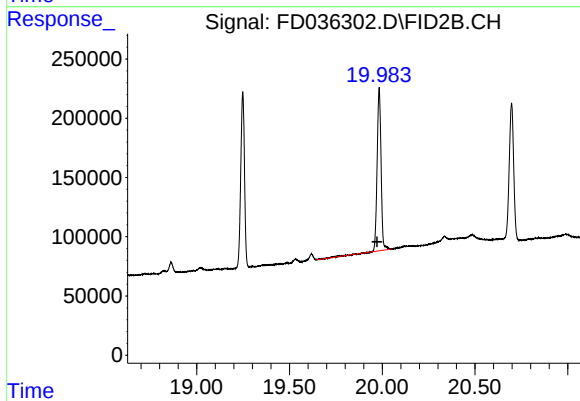
#19 n-Tetratriacontane (C34)

R.T.: 19.248 min

Delta R.T.: 0.011 min

Response: 2061750

Conc: 19.76 ug/ml



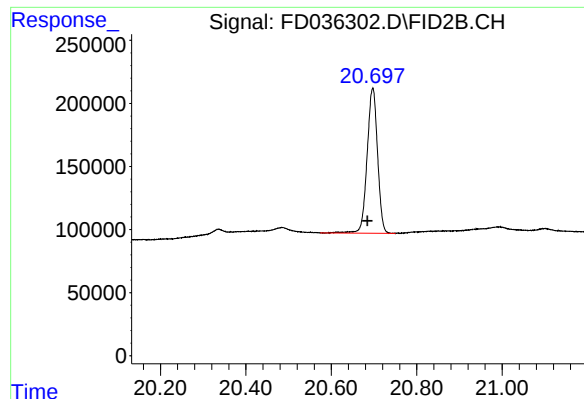
#20 n-Hexatriacontane (C36)

R.T.: 19.983 min

Delta R.T.: 0.011 min

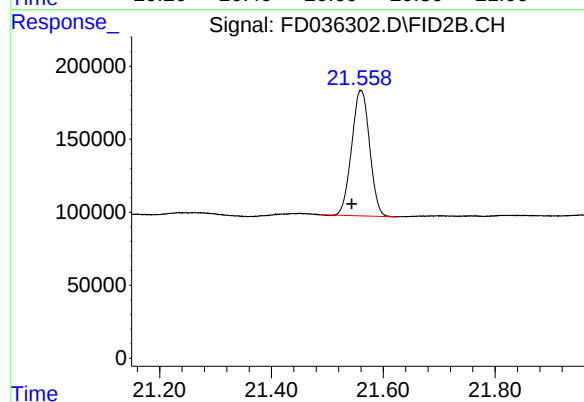
Response: 2034207

Conc: 20.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.697 min
Delta R.T.: 0.013 min
Response: 1950773
Conc: 20.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.560 min
Delta R.T.: 0.016 min
Response: 1916026
Conc: 20.39 ug/ml