

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080620AL\
 Data File : FD034378.D
 Signal(s) : FID2B.CH
 Acq On : 06 Aug 2020 22:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 07 03:42:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 03 10:13:24 2020
 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)	11.606	2676280	20.416 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
12) S 1-chlorooctadecane (S...	13.033	2140386	19.909 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T n-Nonane (C9)	3.383	2461518	21.256 ug/ml
2) T n-Decane (C10)	4.451	2483608	21.343 ug/ml
3) T A~Naphthalene (C11.7)	6.035	2767424	21.267 ug/ml
4) T n-Dodecane (C12)	6.464	2515826	21.326 ug/ml
5) T A~2-methylnaphthalene...	7.088	2819358	21.228 ug/ml
6) T n-Tetradecane (C14)	8.254	2483453	21.252 ug/ml
7) T n-Hexadecane (C16)	9.849	2432778	20.840 ug/ml
8) T n-Octadecane (C18)	11.286	2500807	20.519 ug/ml
10) T n-Eicosane (C20)	12.590	2479091	20.083 ug/ml
11) T n-Heneicosane (C21)	13.199	2454765	19.845 ug/ml
13) T n-Docosane (C22)	13.783	2434433	19.600 ug/ml
14) T n-Tetracosane (C24)	14.882	2390503	19.096 ug/ml
15) T n-Hexacosane (C26)	15.898	2321132	18.527 ug/ml
16) T n-Octacosane (C28)	16.842	2282711	18.073 ug/ml
17) T n-Tricontane (C30)	17.724	2214512	17.802 ug/ml
18) T n-Dotriacontane (C32)	18.552	2025393	17.588 ug/ml
19) T n-Tetratriacontane (C34)	19.330	1899698	17.451 ug/ml
20) T n-Hexatriacontane (C36)	20.065	1802620	17.034 ug/ml
21) T n-Octatriacontane (C38)	20.794	1716632	17.848 ug/ml
22) T n-Tetracontane (C40)	21.696	1755631	18.199 ug/ml

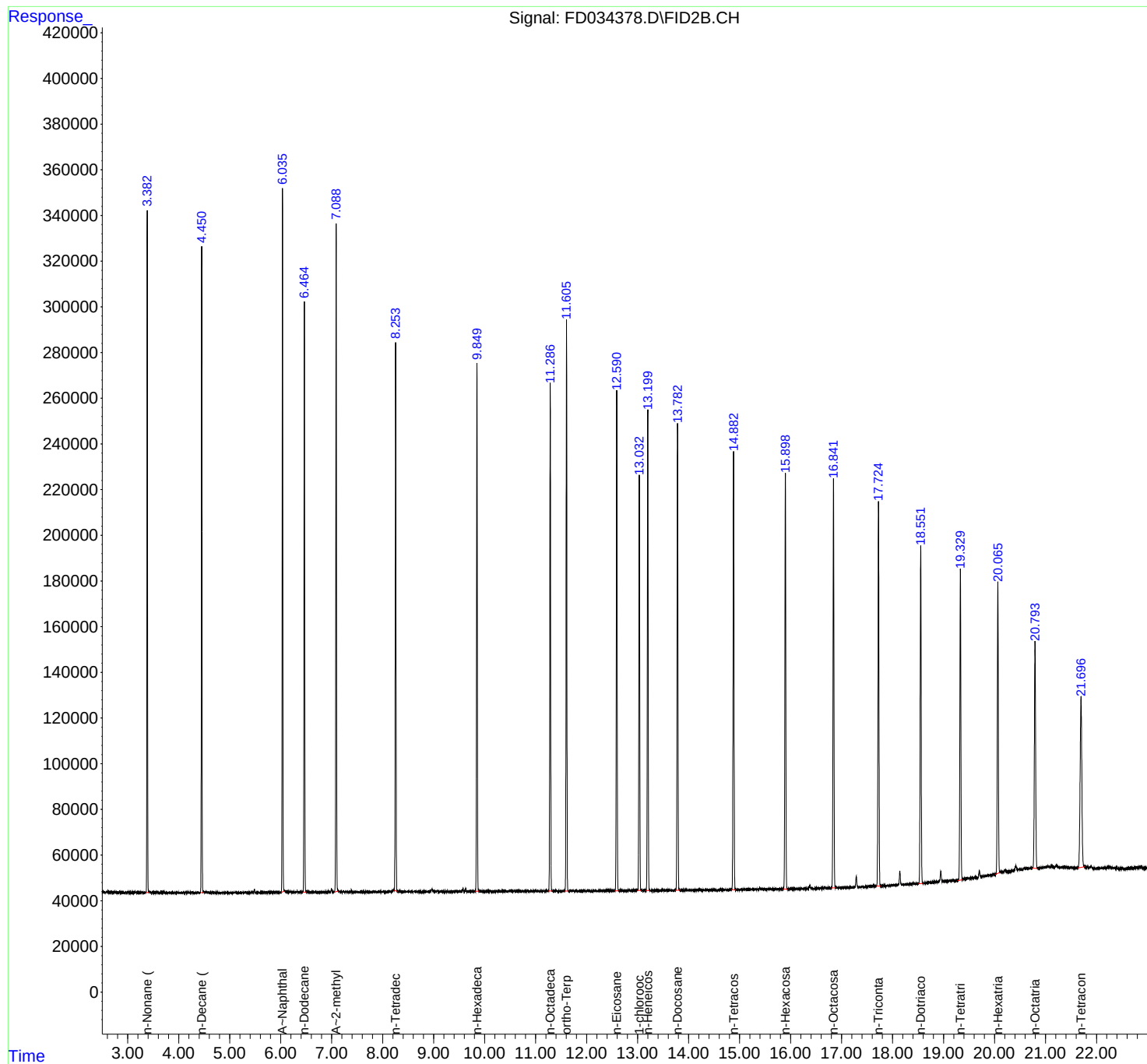
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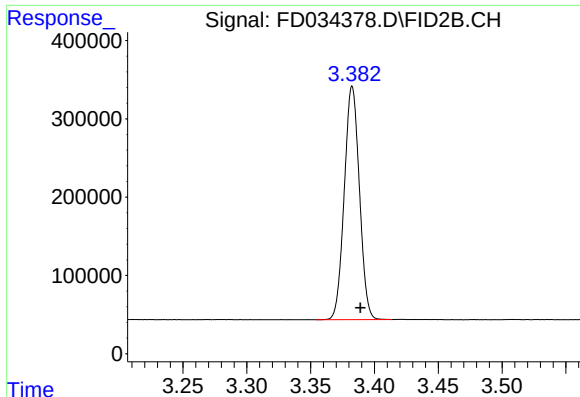
(m)=manual int.

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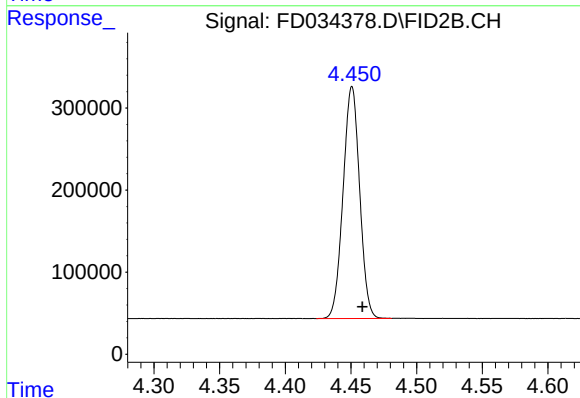
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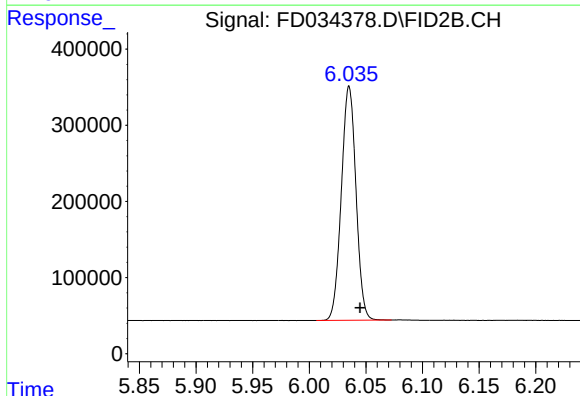
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: -0.006 min
Response: 2461518
Conc: 21.26 ug/ml



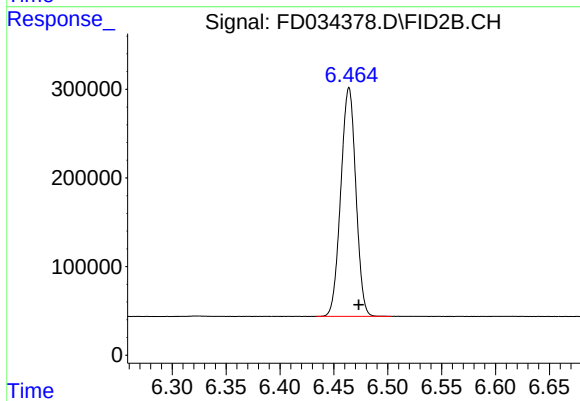
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.008 min
Response: 2483608
Conc: 21.34 ug/ml



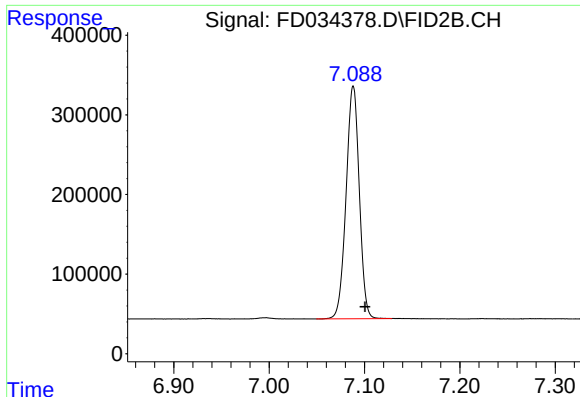
#3 A~Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.010 min
Response: 2767424
Conc: 21.27 ug/ml



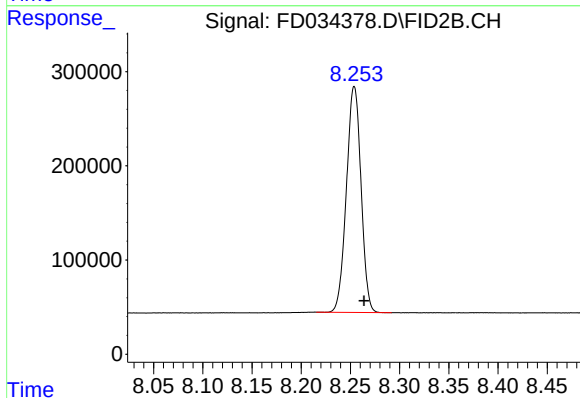
#4 n-Dodecane (C12)

R.T.: 6.464 min
Delta R.T.: -0.009 min
Response: 2515826
Conc: 21.33 ug/ml



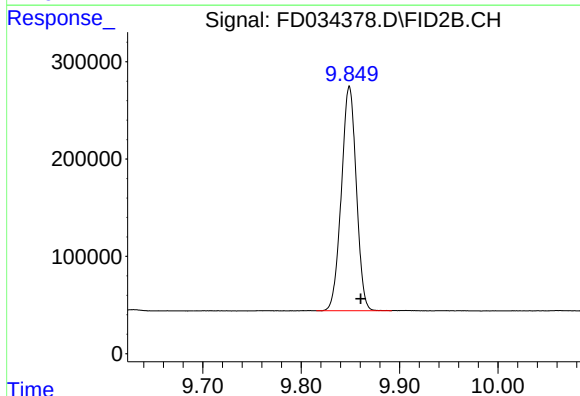
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.012 min
Response: 2819358
Conc: 21.23 ug/ml



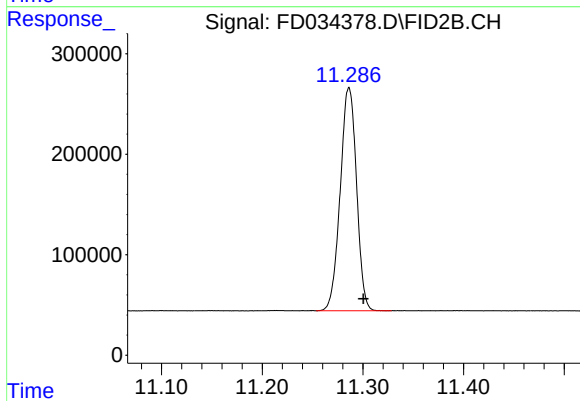
#6 n-Tetradecane (C14)

R.T.: 8.254 min
Delta R.T.: -0.010 min
Response: 2483453
Conc: 21.25 ug/ml



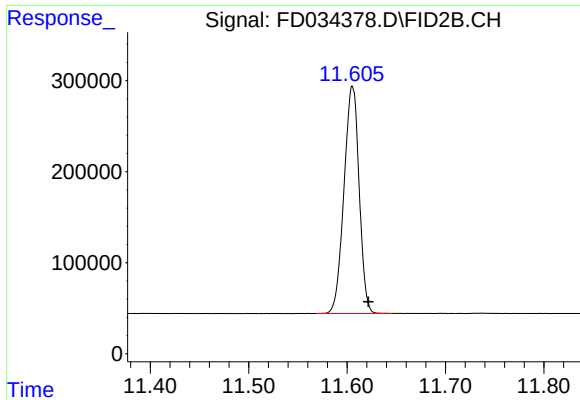
#7 n-Hexadecane (C16)

R.T.: 9.849 min
Delta R.T.: -0.012 min
Response: 2432778
Conc: 20.84 ug/ml



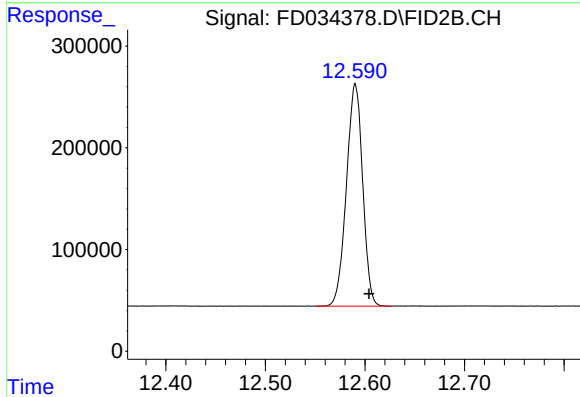
#8 n-Octadecane (C18)

R.T.: 11.286 min
Delta R.T.: -0.014 min
Response: 2500807
Conc: 20.52 ug/ml



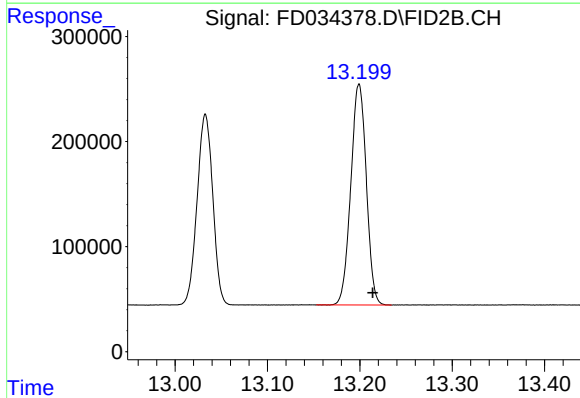
#9 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.016 min
Response: 2676280
Conc: 20.42 ug/ml



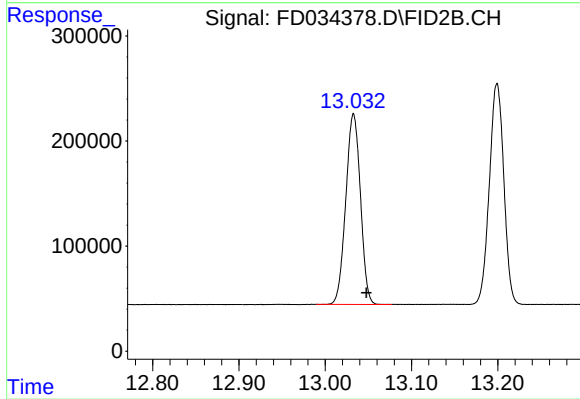
#10 n-Eicosane (C20)

R.T.: 12.590 min
Delta R.T.: -0.014 min
Response: 2479091
Conc: 20.08 ug/ml



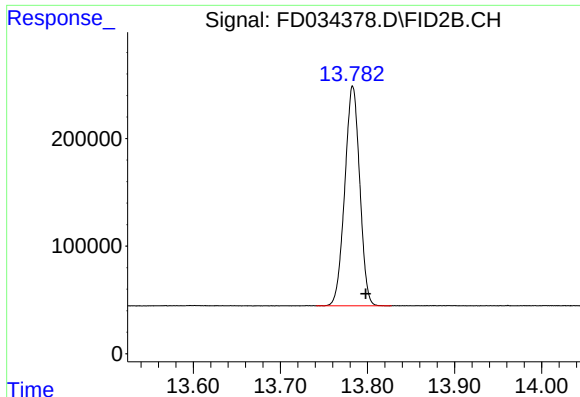
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: -0.015 min
Response: 2454765
Conc: 19.85 ug/ml



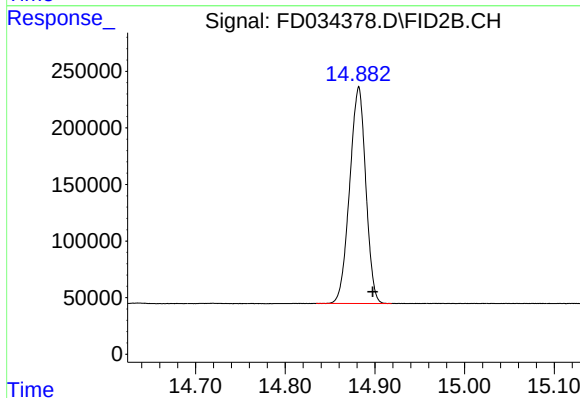
#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: -0.015 min
Response: 2140386
Conc: 19.91 ug/ml



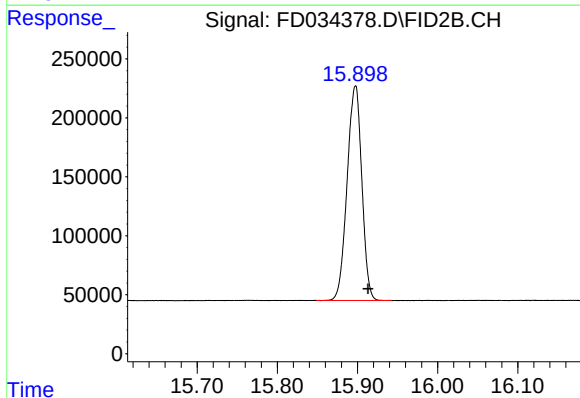
#13 n-Docosane (C22)

R.T.: 13.783 min
Delta R.T.: -0.015 min
Response: 2434433
Conc: 19.60 ug/ml



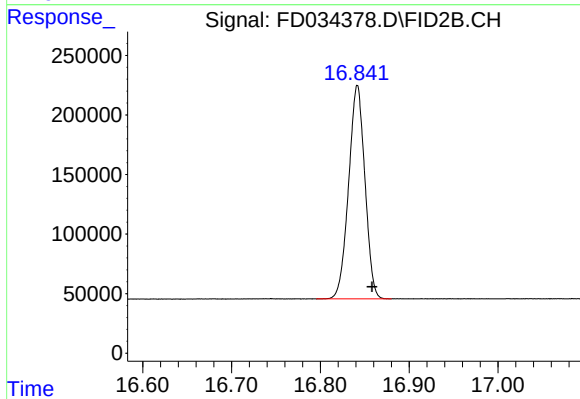
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: -0.016 min
Response: 2390503
Conc: 19.10 ug/ml



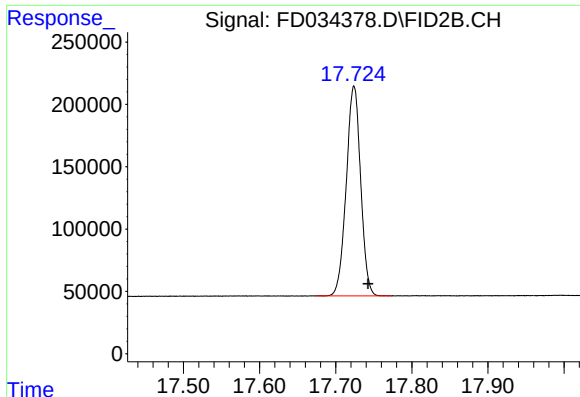
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: -0.016 min
Response: 2321132
Conc: 18.53 ug/ml



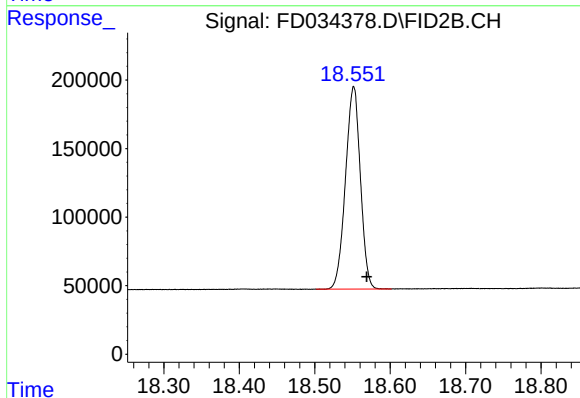
#16 n-Octacosane (C28)

R.T.: 16.842 min
Delta R.T.: -0.017 min
Response: 2282711
Conc: 18.07 ug/ml



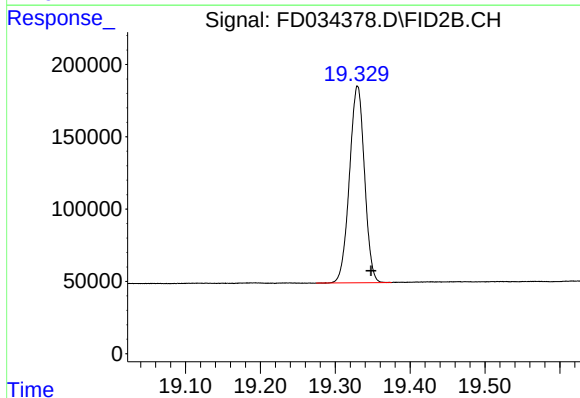
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: -0.018 min
Response: 2214512
Conc: 17.80 ug/ml



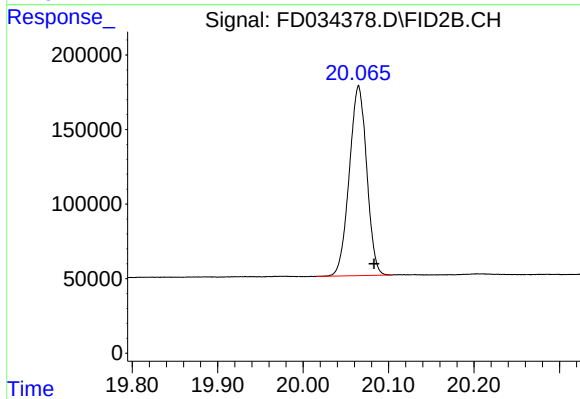
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: -0.017 min
Response: 2025393
Conc: 17.59 ug/ml



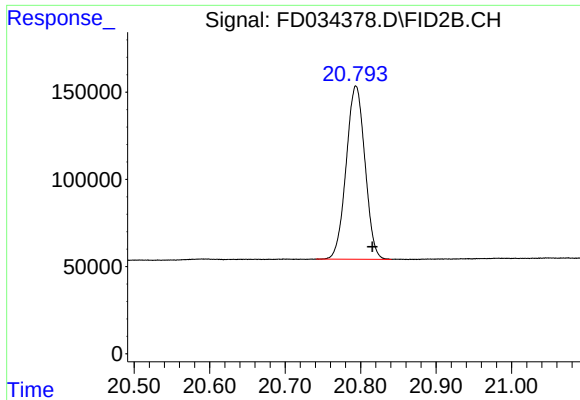
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.018 min
Response: 1899698
Conc: 17.45 ug/ml



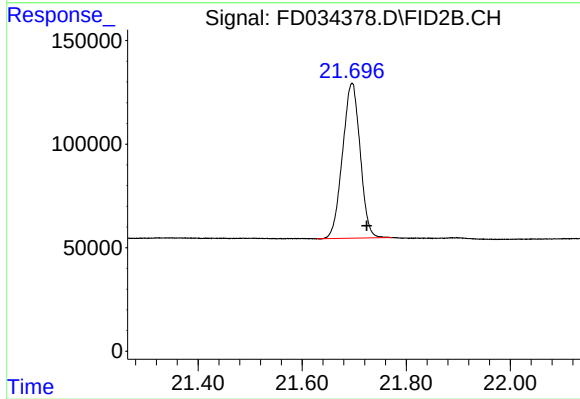
#20 n-Hexatriacontane (C36)

R.T.: 20.065 min
Delta R.T.: -0.018 min
Response: 1802620
Conc: 17.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.022 min
Response: 1716632
Conc: 17.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.696 min
Delta R.T.: -0.028 min
Response: 1755631
Conc: 18.20 ug/ml