

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112519AL\
 Data File : FD031692.D
 Signal(s) : FID2B.CH
 Acq On : 25 Nov 2019 22:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 26 01:04:42 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 06:45:13 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)	11.557	2957750	19.438 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
12) S 1-chlorooctadecane (S...	12.985	2221125	19.546 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
Target Compounds			
1) T n-Nonane (C9)	3.340	2939641	22.160 ug/ml
2) T n-Decane (C10)	4.411	2934521	22.002 ug/ml
3) T A~Naphthalene (C11.7)	5.995	3211123	21.439 ug/ml
4) T n-Dodecane (C12)	6.424	2900107	21.535 ug/ml
5) T A~2-methylnaphthalene...	7.047	3185134	21.015 ug/ml
6) T n-Tetradecane (C14)	8.211	2819025	20.921 ug/ml
7) T n-Hexadecane (C16)	9.805	2748869	20.502 ug/ml
8) T n-Octadecane (C18)	11.240	2681175	20.102 ug/ml
10) T n-Eicosane (C20)	12.543	2604876	19.748 ug/ml
11) T n-Heneicosane (C21)	13.152	2589493	19.569 ug/ml
13) T n-Docosane (C22)	13.735	2552612	19.440 ug/ml
14) T n-Tetracosane (C24)	14.832	2543872	19.440 ug/ml
15) T n-Hexacosane (C26)	15.848	2494779	19.311 ug/ml
16) T n-Octacosane (C28)	16.793	2468386	19.290 ug/mlm
17) T n-Tricontane (C30)	17.674	2507895	19.661 ug/mlm
18) T n-Dotriacontane (C32)	18.502	2454299	19.895 ug/mlm
19) T n-Tetratriacontane (C34)	19.282	2452940	20.506 ug/mlm
20) T n-Hexatriacontane (C36)	20.017	2507718	21.972 ug/mlm
21) T n-Octatriacontane (C38)	20.737	2362402	22.493 ug/mlm
22) T n-Tetracontane (C40)	21.612	2400562	22.355 ug/mlm

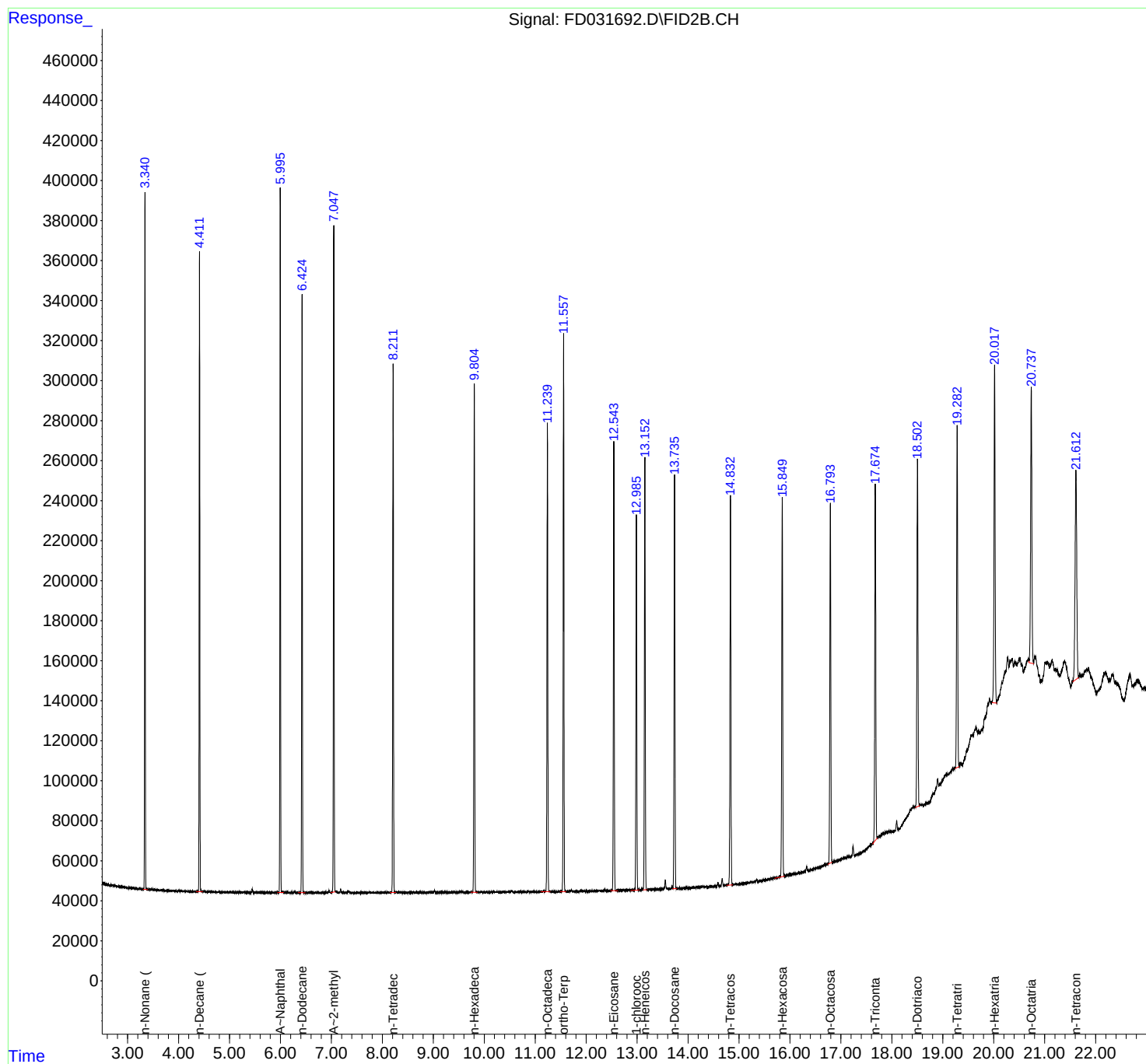
(f)=RT Delta > 1/2 Window

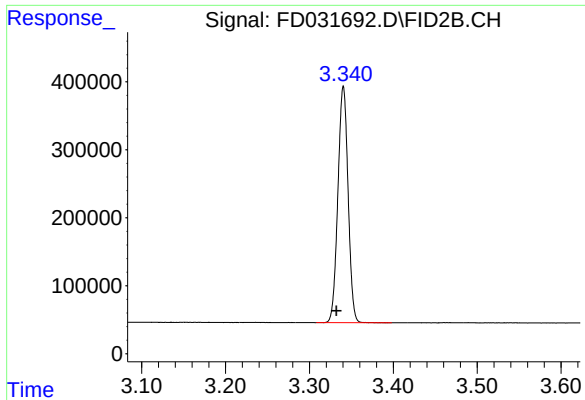
(m)=manual int.

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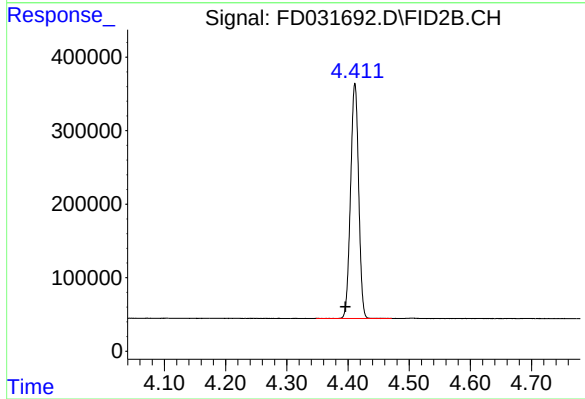
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Signal Info : 20M x 0.18mm x 0.18um





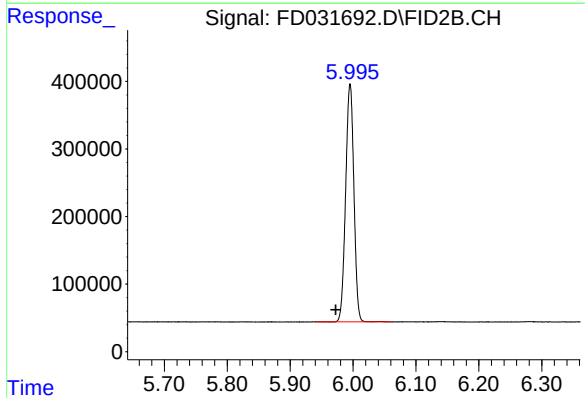
#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: 0.008 min
Response: 2939641
Conc: 22.16 ug/ml



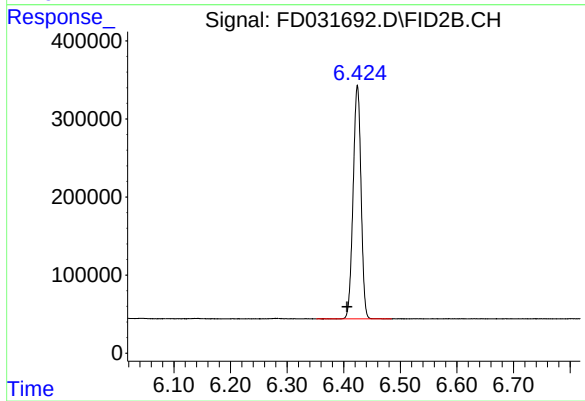
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: 0.016 min
Response: 2934521
Conc: 22.00 ug/ml



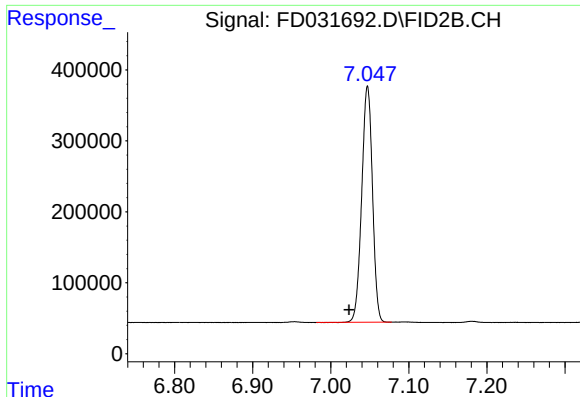
#3 A~Naphthalene (C11.7)

R.T.: 5.995 min
Delta R.T.: 0.023 min
Response: 3211123
Conc: 21.44 ug/ml



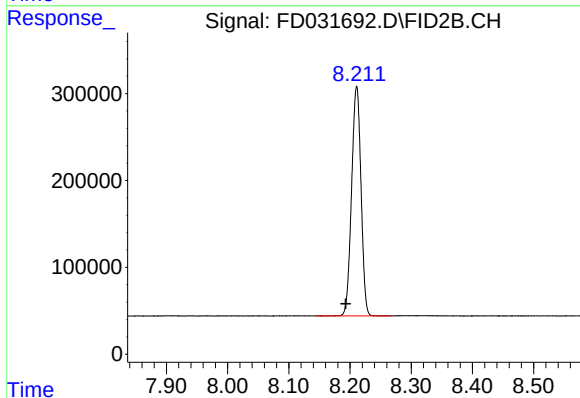
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: 0.018 min
Response: 2900107
Conc: 21.53 ug/ml



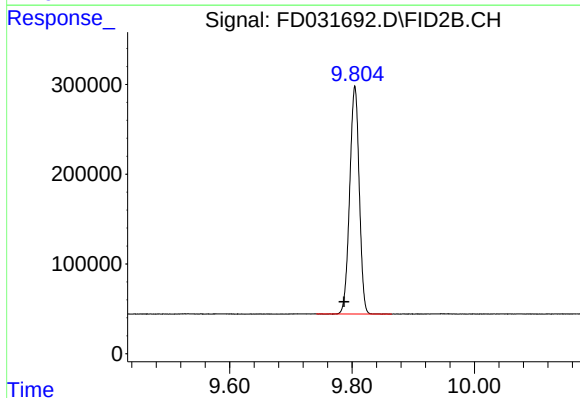
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.047 min
Delta R.T.: 0.024 min
Response: 3185134
Conc: 21.01 ug/ml



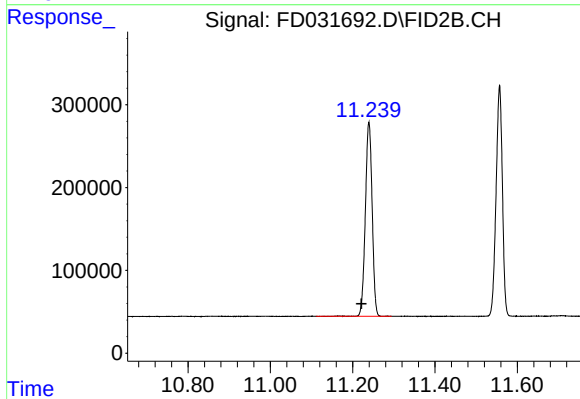
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: 0.018 min
Response: 2819025
Conc: 20.92 ug/ml



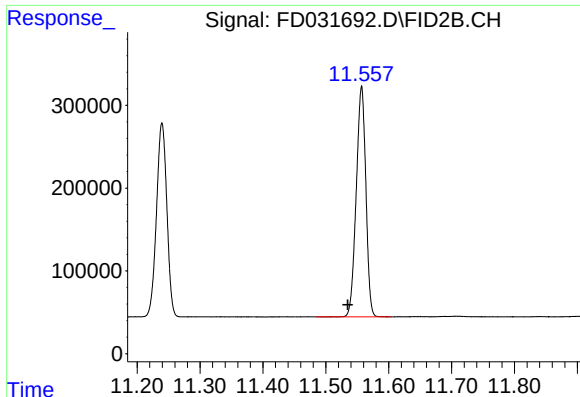
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: 0.018 min
Response: 2748869
Conc: 20.50 ug/ml



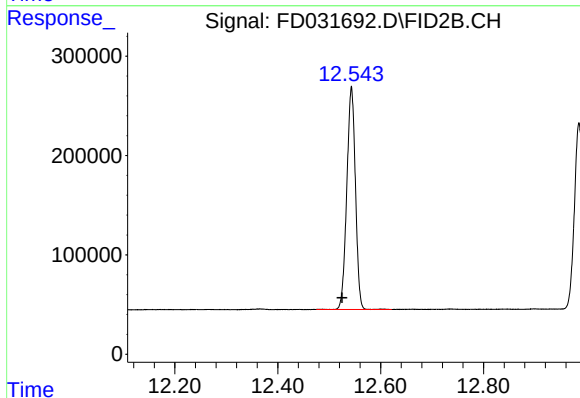
#8 n-Octadecane (C18)

R.T.: 11.240 min
Delta R.T.: 0.018 min
Response: 2681175
Conc: 20.10 ug/ml



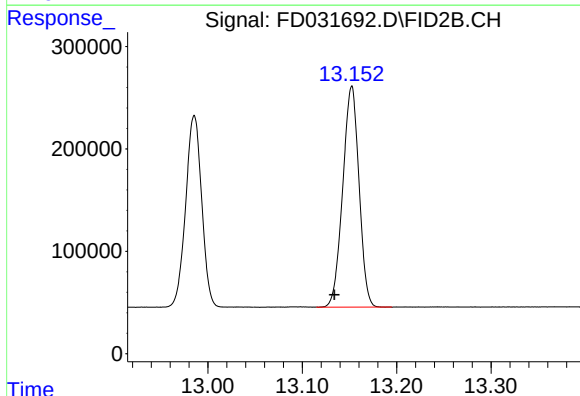
#9 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: 0.022 min
Response: 2957750
Conc: 19.44 ug/ml



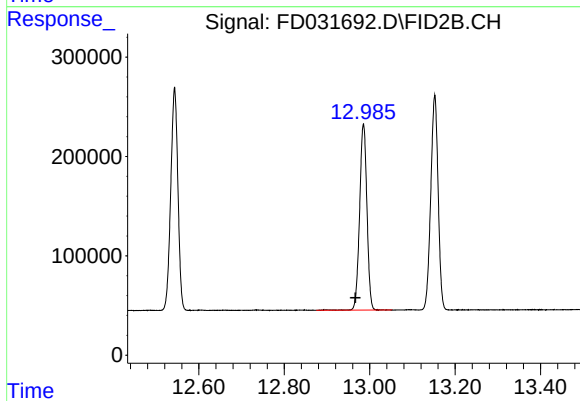
#10 n-Eicosane (C20)

R.T.: 12.543 min
Delta R.T.: 0.018 min
Response: 2604876
Conc: 19.75 ug/ml



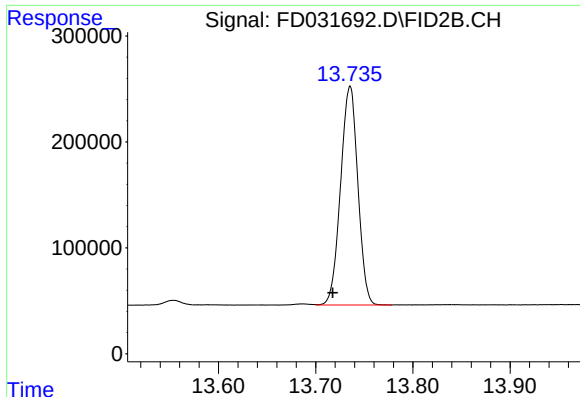
#11 n-Heneicosane (C21)

R.T.: 13.152 min
Delta R.T.: 0.018 min
Response: 2589493
Conc: 19.57 ug/ml



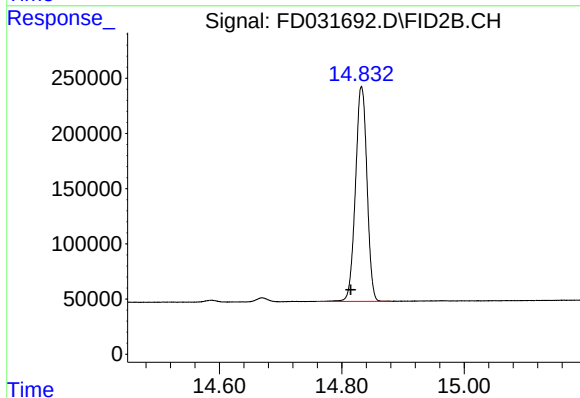
#12 1-chlorooctadecane (SURR)

R.T.: 12.985 min
Delta R.T.: 0.019 min
Response: 2221125
Conc: 19.55 ug/ml



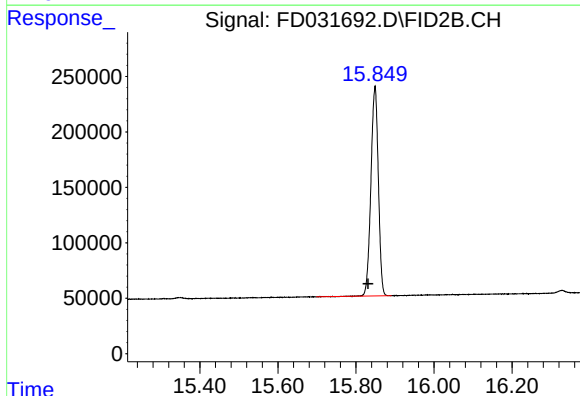
#13 n-Docosane (C22)

R.T.: 13.735 min
Delta R.T.: 0.018 min
Response: 2552612
Conc: 19.44 ug/ml



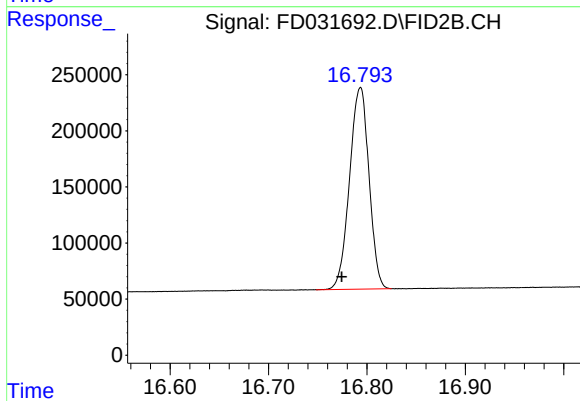
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: 0.018 min
Response: 2543872
Conc: 19.44 ug/ml



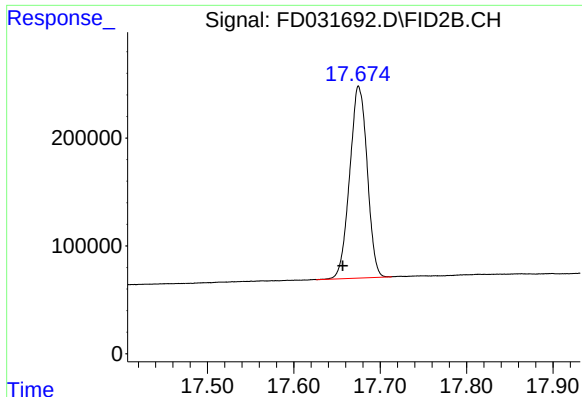
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: 0.018 min
Response: 2494779
Conc: 19.31 ug/ml



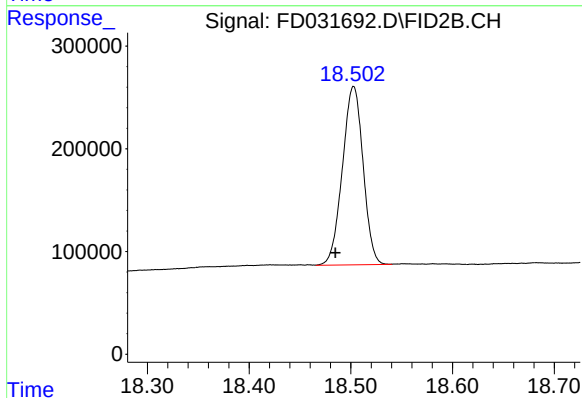
#16 n-Octacosane (C28)

R.T.: 16.793 min
Delta R.T.: 0.019 min
Response: 2468386
Conc: 19.29 ug/ml m



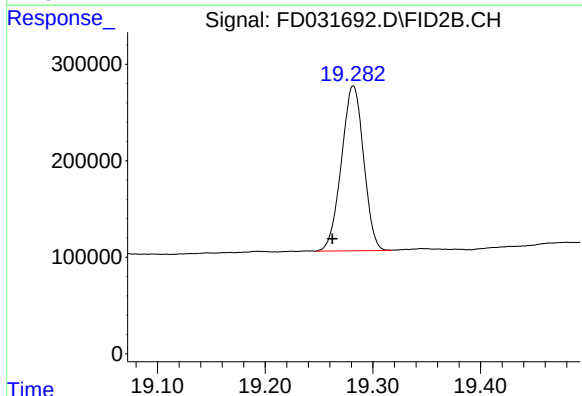
#17 n-Tricontane (C30)

R.T.: 17.674 min
Delta R.T.: 0.018 min
Response: 2507895
Conc: 19.66 ug/ml m



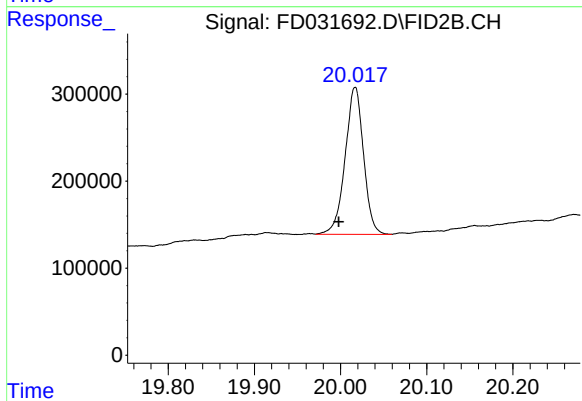
#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: 0.017 min
Response: 2454299
Conc: 19.89 ug/ml m



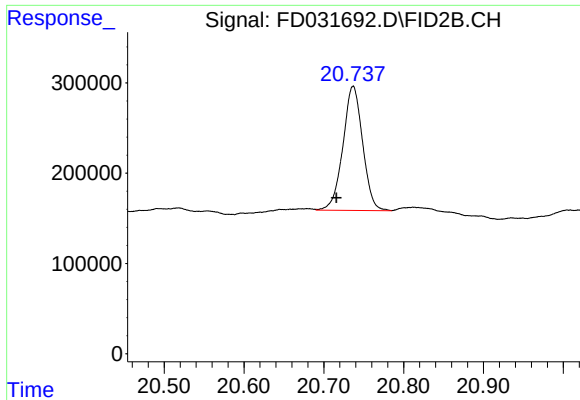
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min
Delta R.T.: 0.019 min
Response: 2452940
Conc: 20.51 ug/ml m



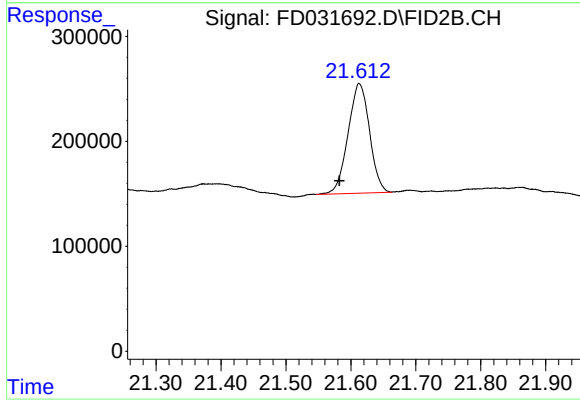
#20 n-Hexatriacontane (C36)

R.T.: 20.017 min
Delta R.T.: 0.019 min
Response: 2507718
Conc: 21.97 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.737 min
Delta R.T.: 0.021 min
Response: 2362402
Conc: 22.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: 0.029 min
Response: 2400562
Conc: 22.35 ug/ml m