

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111219AL\
 Data File : FD031475.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2019 23:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 13 02:15:32 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)	11.545	2894290	19.021 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	12.976	2147348	18.897 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
Target Compounds			
1) T n-Nonane (C9)	3.336	2701922	20.368 ug/ml
2) T n-Decane (C10)	4.401	2721694	20.406 ug/ml
3) T A~Naphthalene (C11.7)	5.979	3041678	20.308 ug/ml
4) T n-Dodecane (C12)	6.412	2721959	20.212 ug/ml
5) T A~2-methylnaphthalene...	7.031	3056264	20.165 ug/ml
6) T n-Tetradecane (C14)	8.200	2681208	19.898 ug/ml
7) T n-Hexadecane (C16)	9.794	2637572	19.672 ug/ml
8) T n-Octadecane (C18)	11.230	2587079	19.397 ug/ml
10) T n-Eicosane (C20)	12.534	2525068	19.143 ug/ml
11) T n-Heneicosane (C21)	13.144	2510980	18.976 ug/ml
13) T n-Docosane (C22)	13.727	2476860	18.863 ug/ml
14) T n-Tetracosane (C24)	14.824	2458205	18.786 ug/ml
15) T n-Hexacosane (C26)	15.840	2385234	18.463 ug/ml
16) T n-Octacosane (C28)	16.784	2351723	18.378 ug/ml
17) T n-Tricontane (C30)	17.667	2354428	18.458 ug/ml
18) T n-Dotriacontane (C32)	18.495	2306075	18.693 ug/ml
19) T n-Tetratriacontane (C34)	19.274	2255519	18.856 ug/mlm
20) T n-Hexatriacontane (C36)	20.009	2239966	19.626 ug/ml
21) T n-Octatriacontane (C38)	20.727	2228223	21.216 ug/ml
22) T n-Tetracontane (C40)	21.602	2142295	19.950 ug/ml

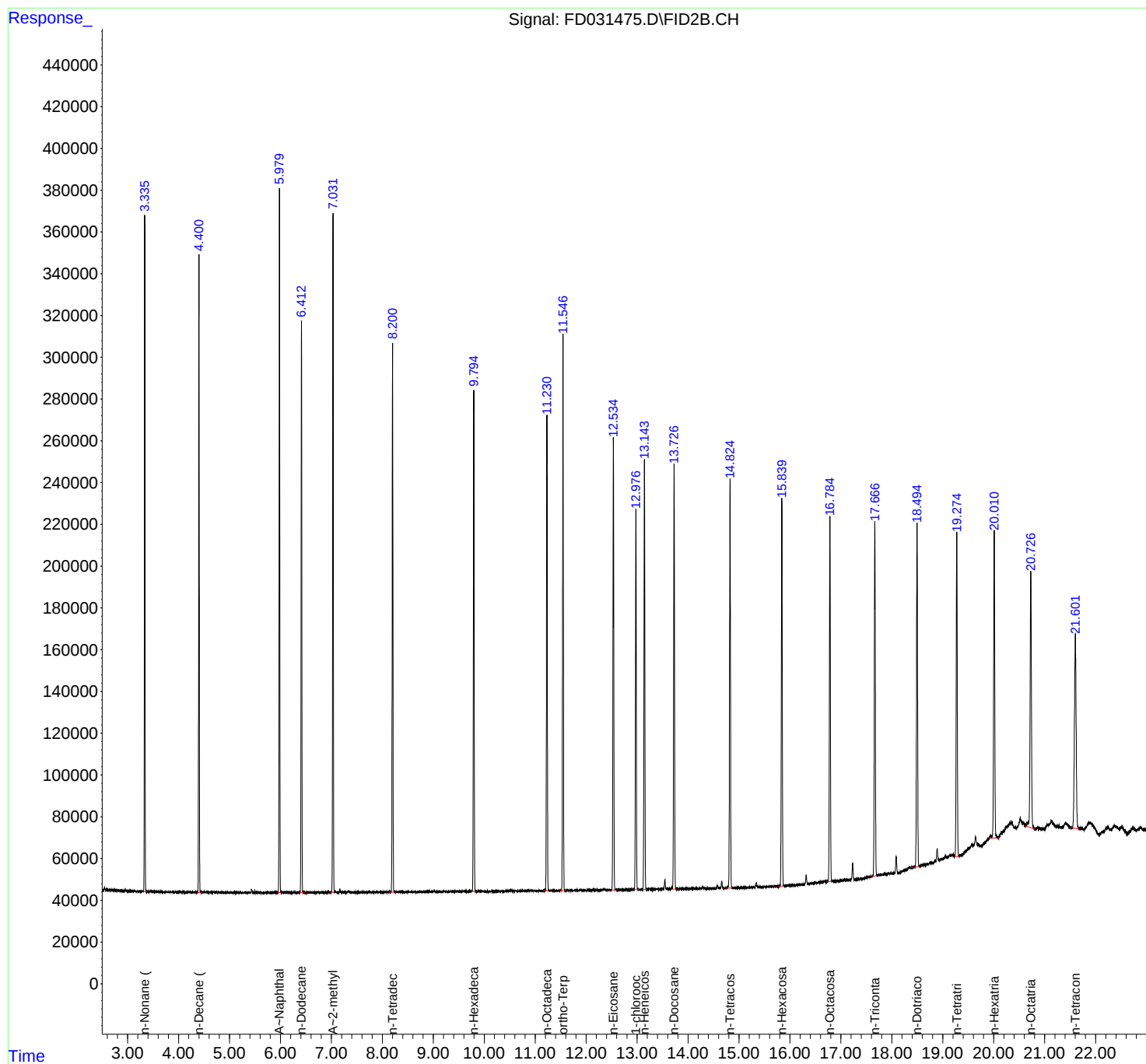
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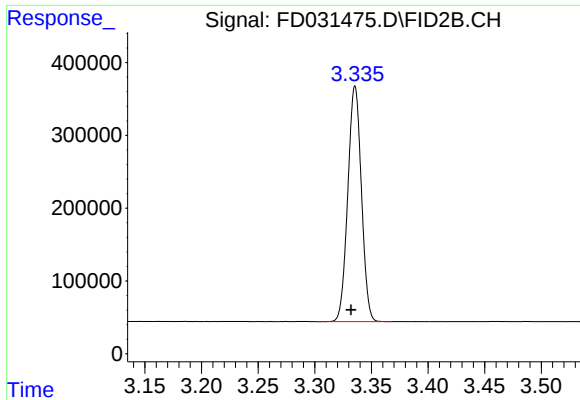
(m)=manual int.

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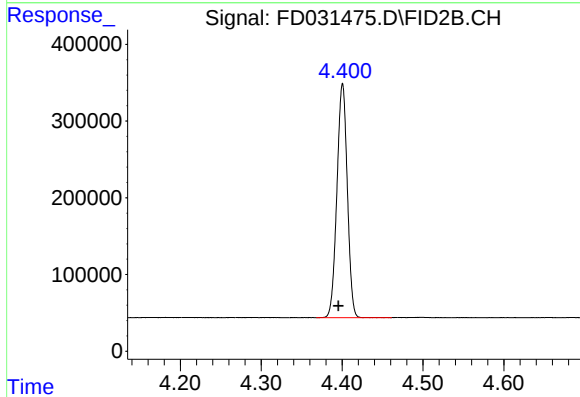
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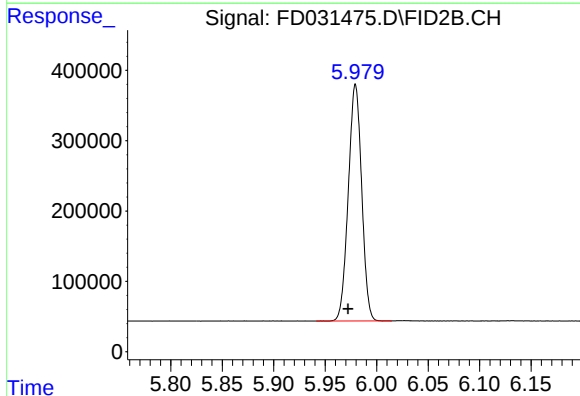
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: 0.004 min
Response: 2701922
Conc: 20.37 ug/ml



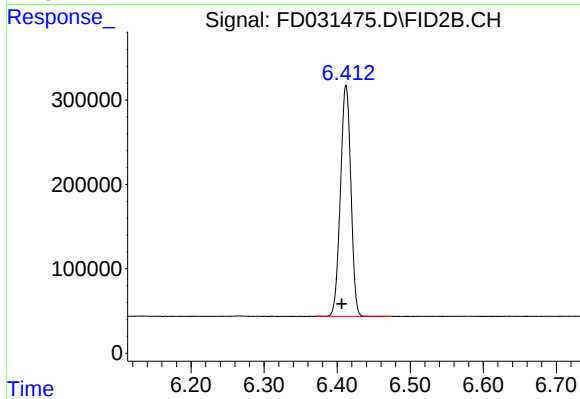
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: 0.005 min
Response: 2721694
Conc: 20.41 ug/ml



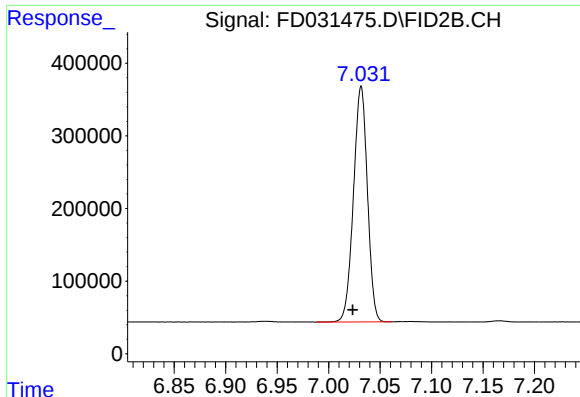
#3 A~Naphthalene (C11.7)

R.T.: 5.979 min
Delta R.T.: 0.007 min
Response: 3041678
Conc: 20.31 ug/ml



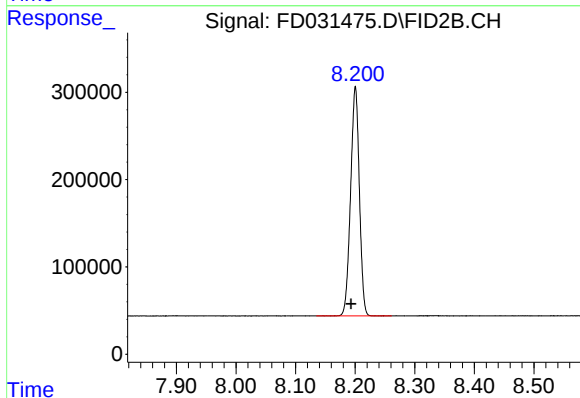
#4 n-Dodecane (C12)

R.T.: 6.412 min
Delta R.T.: 0.006 min
Response: 2721959
Conc: 20.21 ug/ml



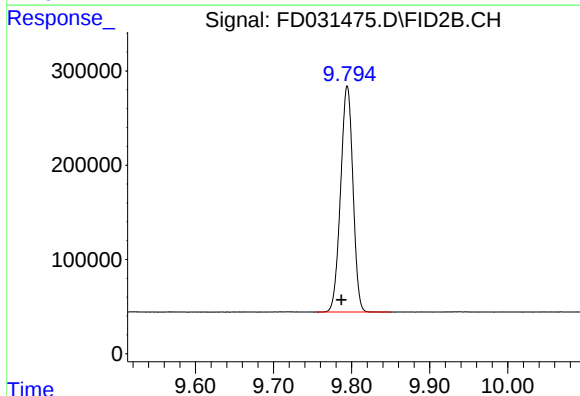
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: 0.008 min
Response: 3056264
Conc: 20.16 ug/ml



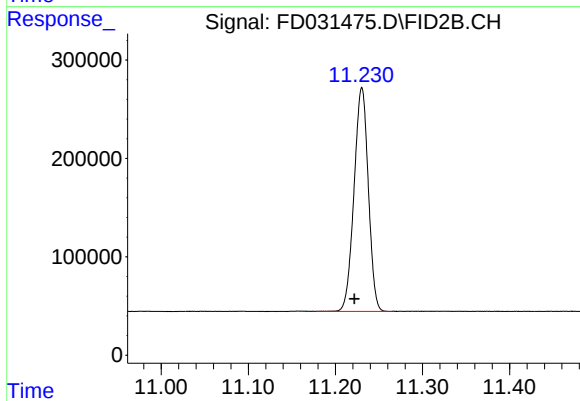
#6 n-Tetradecane (C14)

R.T.: 8.200 min
Delta R.T.: 0.007 min
Response: 2681208
Conc: 19.90 ug/ml



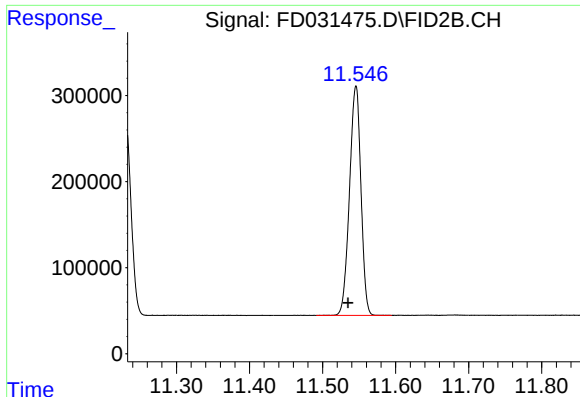
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.007 min
Response: 2637572
Conc: 19.67 ug/ml



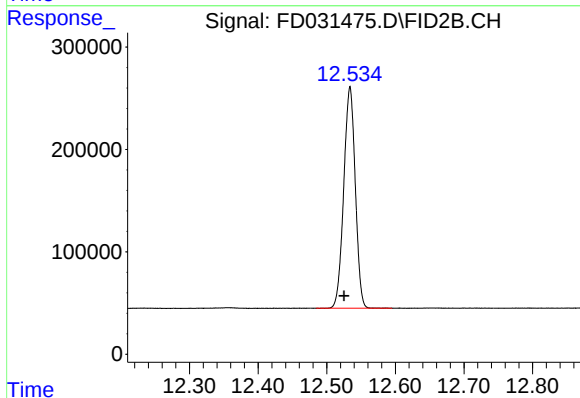
#8 n-Octadecane (C18)

R.T.: 11.230 min
Delta R.T.: 0.008 min
Response: 2587079
Conc: 19.40 ug/ml



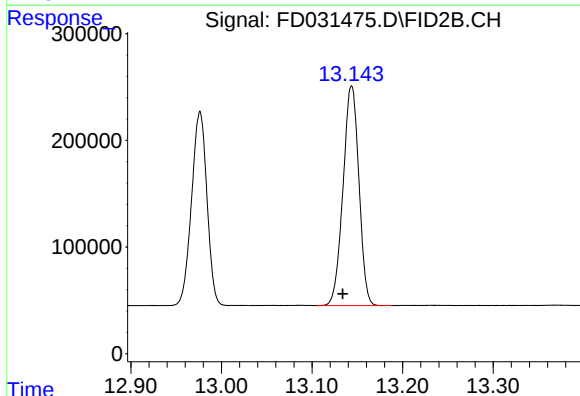
#9 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: 0.010 min
Response: 2894290
Conc: 19.02 ug/ml



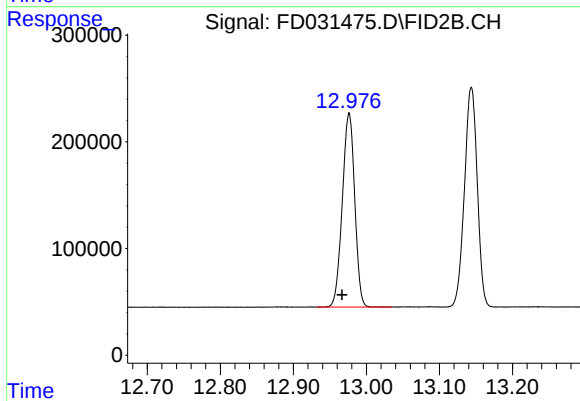
#10 n-Eicosane (C20)

R.T.: 12.534 min
Delta R.T.: 0.009 min
Response: 2525068
Conc: 19.14 ug/ml



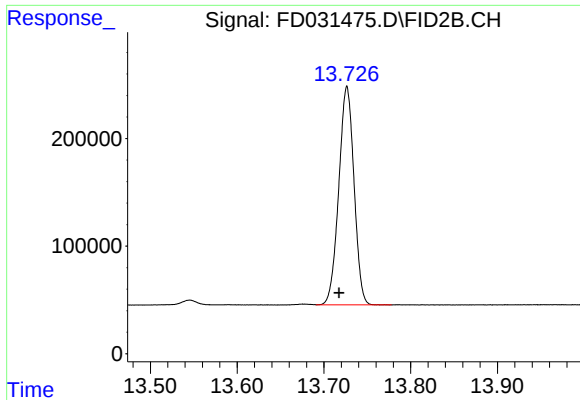
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: 0.010 min
Response: 2510980
Conc: 18.98 ug/ml



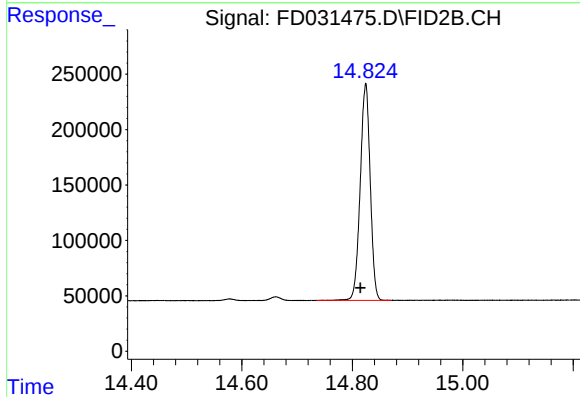
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: 0.010 min
Response: 2147348
Conc: 18.90 ug/ml



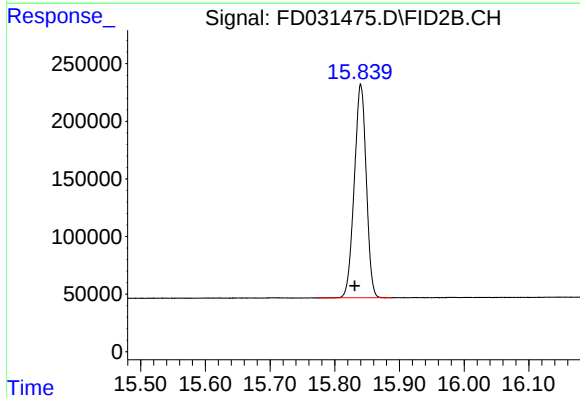
#13 n-Docosane (C22)

R.T.: 13.727 min
Delta R.T.: 0.009 min
Response: 2476860
Conc: 18.86 ug/ml



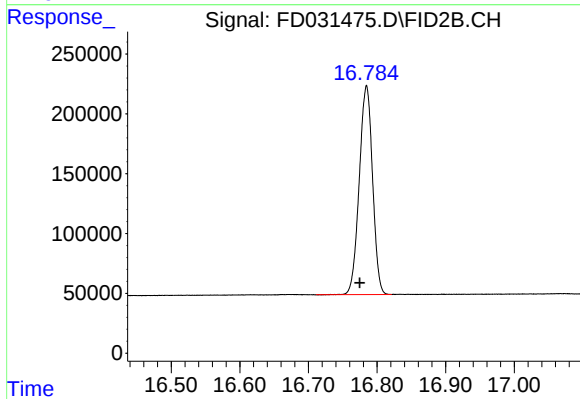
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.009 min
Response: 2458205
Conc: 18.79 ug/ml



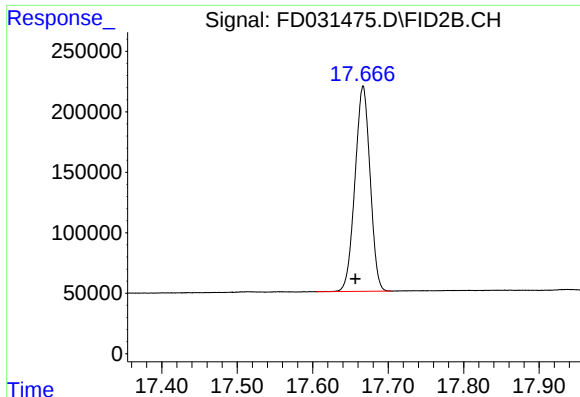
#15 n-Hexacosane (C26)

R.T.: 15.840 min
Delta R.T.: 0.009 min
Response: 2385234
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: 0.010 min
Response: 2351723
Conc: 18.38 ug/ml



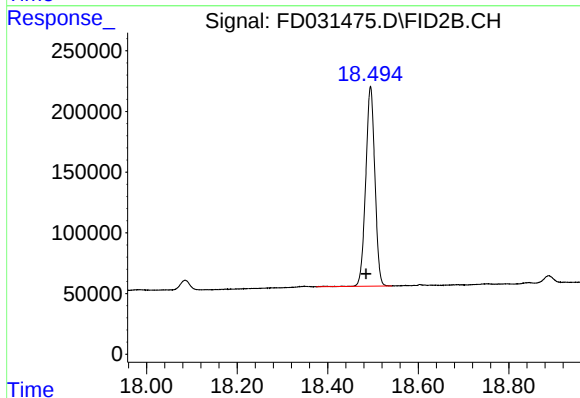
#17 n-Tricontane (C30)

R.T.: 17.667 min

Delta R.T.: 0.010 min

Response: 2354428

Conc: 18.46 ug/ml



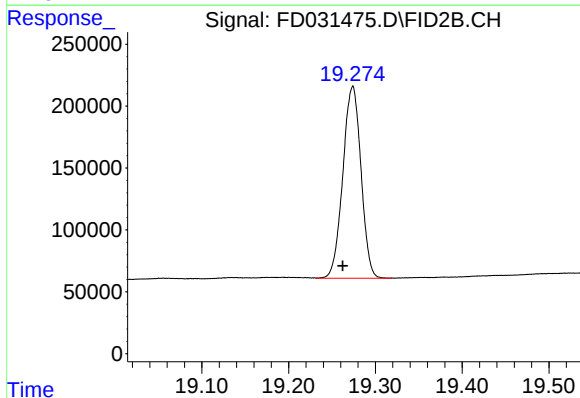
#18 n-Dotriacontane (C32)

R.T.: 18.495 min

Delta R.T.: 0.010 min

Response: 2306075

Conc: 18.69 ug/ml



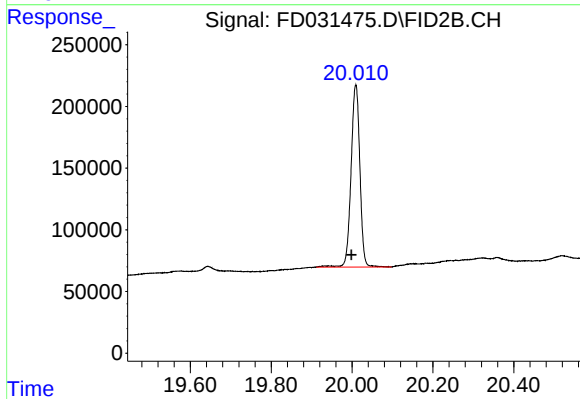
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min

Delta R.T.: 0.012 min

Response: 2255519

Conc: 18.86 ug/ml m



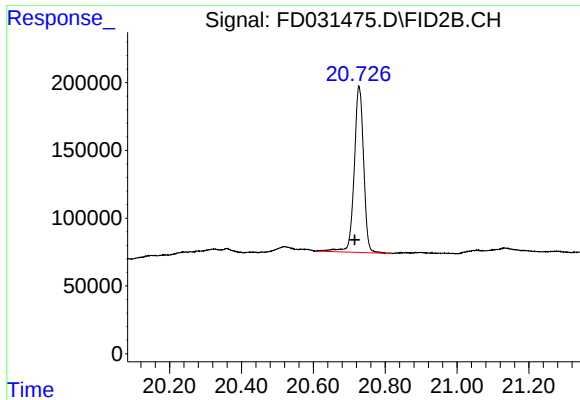
#20 n-Hexatriacontane (C36)

R.T.: 20.009 min

Delta R.T.: 0.011 min

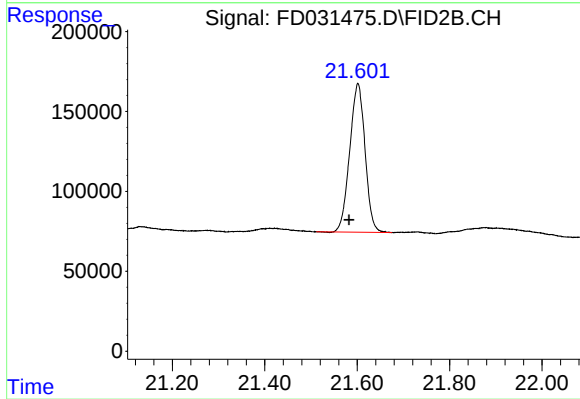
Response: 2239966

Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: 0.012 min
Response: 2228223
Conc: 21.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: 0.019 min
Response: 2142295
Conc: 19.95 ug/ml