

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112619AL\
 Data File : FD031732.D
 Signal(s) : FID2B.CH
 Acq On : 27 Nov 2019 4:41
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 27 05:49:45 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)	11.551	2609701	17.151 ug/ml
Spiked Amount 50.000		Recovery =	34.30%
12) S 1-chlorooctadecane (S...	12.979	1941422	17.085 ug/ml
Spiked Amount 50.000		Recovery =	34.17%
Target Compounds			
1) T n-Nonane (C9)	3.346	2645024	19.939 ug/ml
2) T n-Decane (C10)	4.410	2643624	19.821 ug/ml
3) T A~Naphthalene (C11.7)	5.990	2906628	19.406 ug/ml
4) T n-Dodecane (C12)	6.420	2622367	19.472 ug/ml
5) T A~2-methylnaphthalene...	7.042	2894805	19.099 ug/ml
6) T n-Tetradecane (C14)	8.207	2554664	18.959 ug/ml
7) T n-Hexadecane (C16)	9.800	2471150	18.431 ug/ml
8) T n-Octadecane (C18)	11.234	2401602	18.006 ug/ml
10) T n-Eicosane (C20)	12.537	2305200	17.476 ug/ml
11) T n-Heneicosane (C21)	13.146	2283177	17.254 ug/ml
13) T n-Docosane (C22)	13.729	2236297	17.031 ug/ml
14) T n-Tetracosane (C24)	14.826	2206814	16.864 ug/ml
15) T n-Hexacosane (C26)	15.842	2138228	16.551 ug/ml
16) T n-Octacosane (C28)	16.785	2112980	16.512 ug/ml
17) T n-Tricontane (C30)	17.669	2118376	16.608 ug/ml
18) T n-Dotriacontane (C32)	18.496	2087013	16.917 ug/ml
19) T n-Tetratriacontane (C34)	19.274	2084020	17.422 ug/mlm
20) T n-Hexatriacontane (C36)	20.010	2043146	17.902 ug/ml
21) T n-Octatriacontane (C38)	20.728	1964207	18.702 ug/ml
22) T n-Tetracontane (C40)	21.601	1975049	18.392 ug/ml

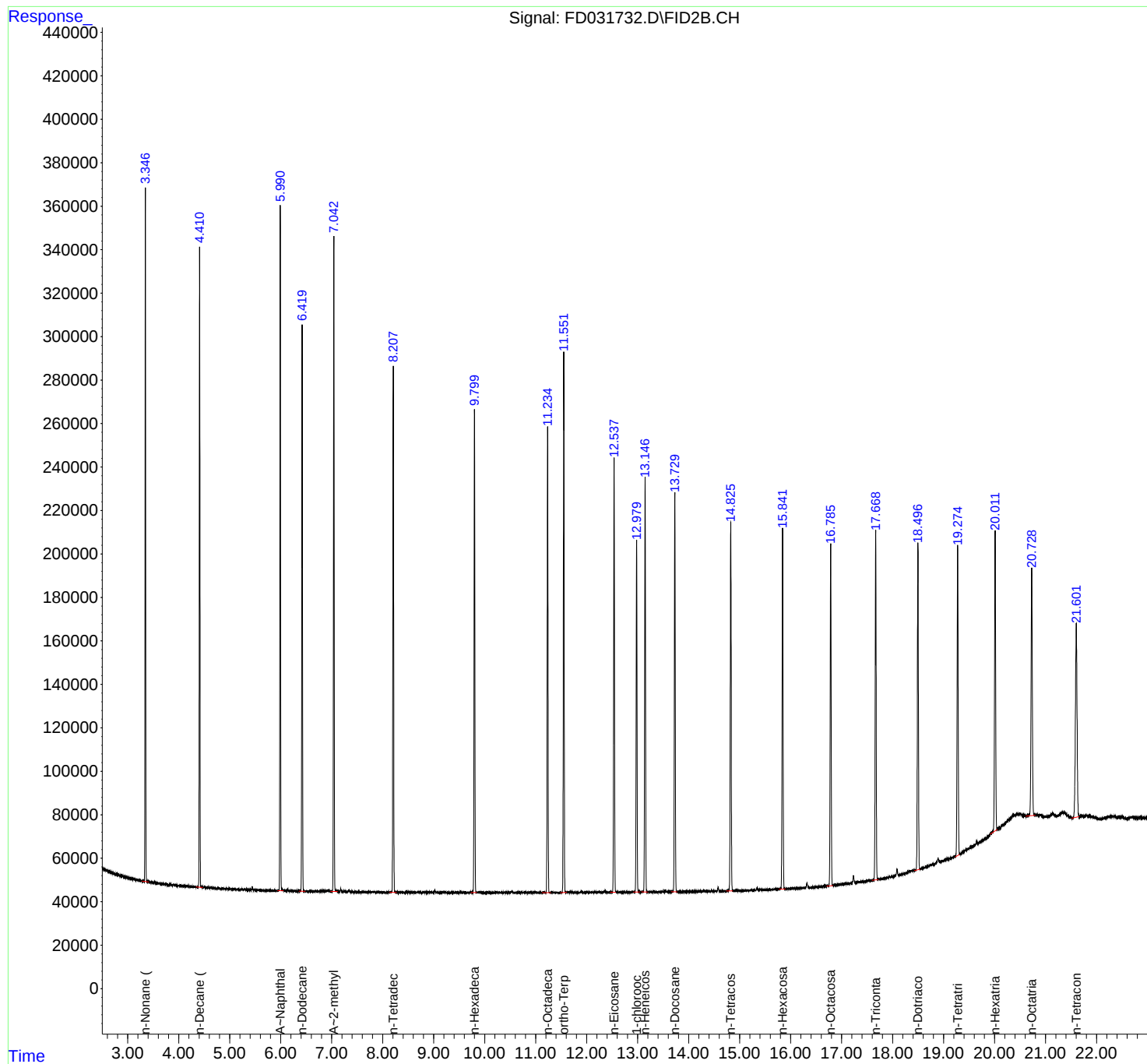
(f)=RT Delta > 1/2 Window

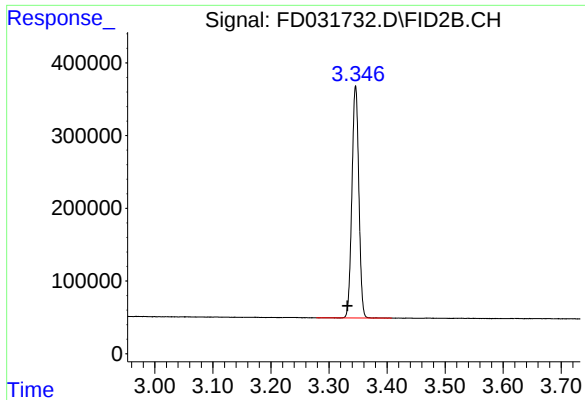
(m)=manual int.

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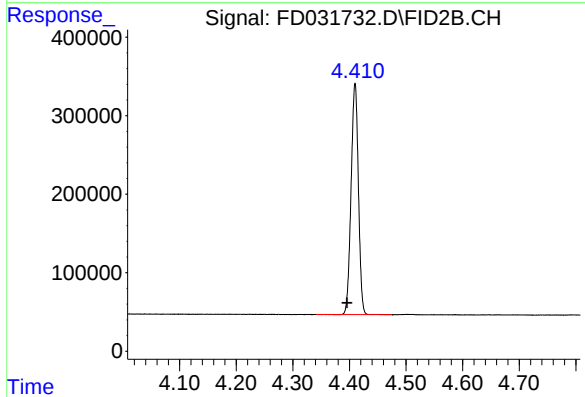
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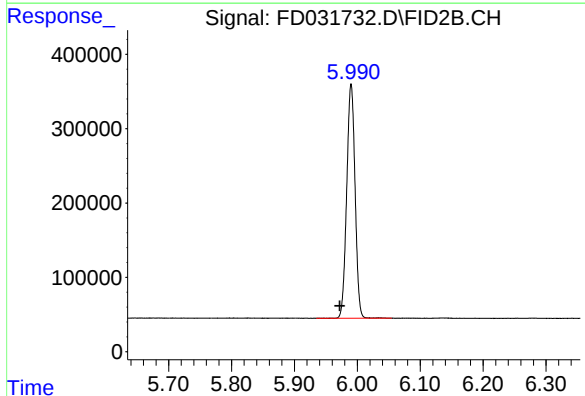
#1 n-Nonane (C9)

R.T.: 3.346 min
Delta R.T.: 0.014 min
Response: 2645024
Conc: 19.94 ug/ml



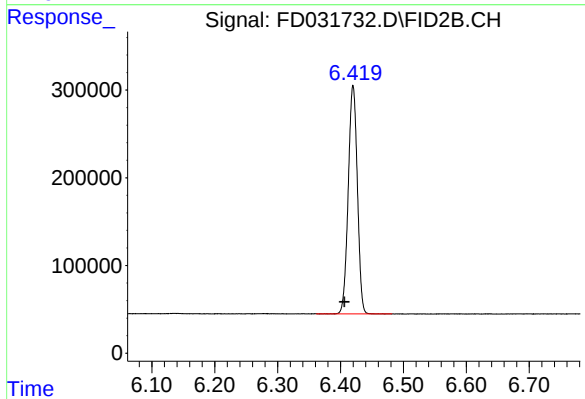
#2 n-Decane (C10)

R.T.: 4.410 min
Delta R.T.: 0.014 min
Response: 2643624
Conc: 19.82 ug/ml



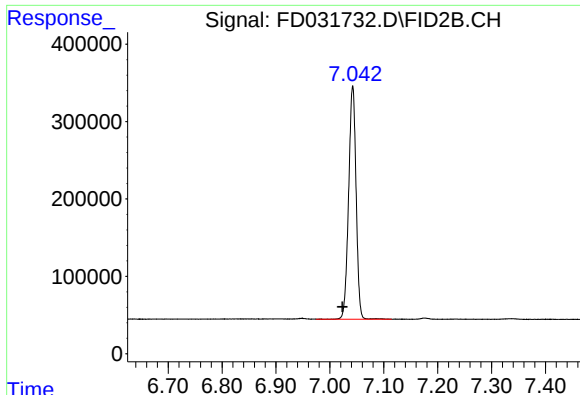
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: 0.018 min
Response: 2906628
Conc: 19.41 ug/ml



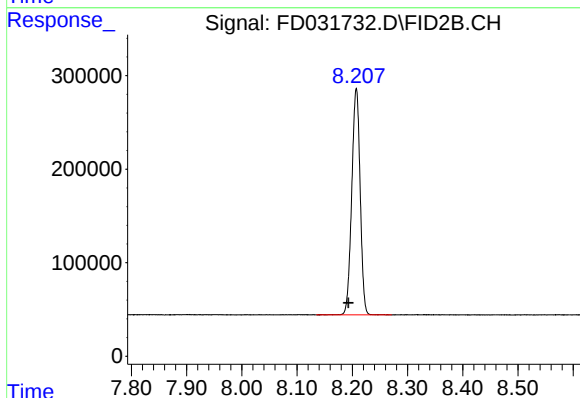
#4 n-Dodecane (C12)

R.T.: 6.420 min
Delta R.T.: 0.014 min
Response: 2622367
Conc: 19.47 ug/ml



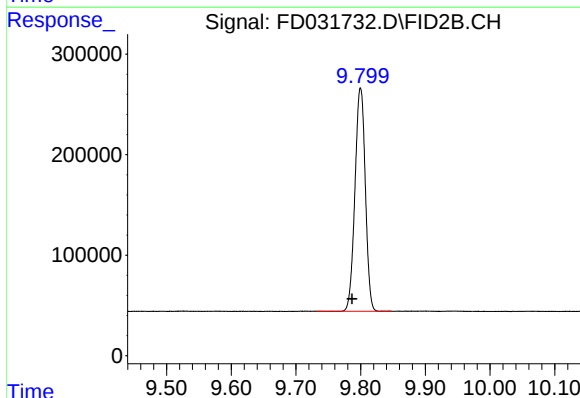
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.042 min
Delta R.T.: 0.019 min
Response: 2894805
Conc: 19.10 ug/ml



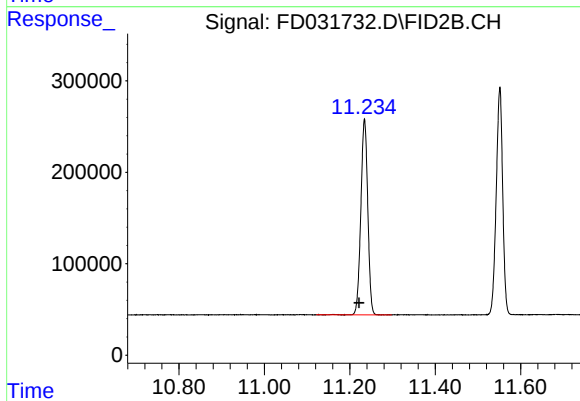
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: 0.014 min
Response: 2554664
Conc: 18.96 ug/ml



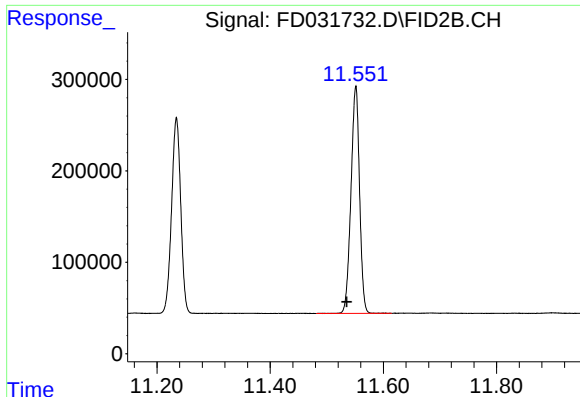
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: 0.013 min
Response: 2471150
Conc: 18.43 ug/ml



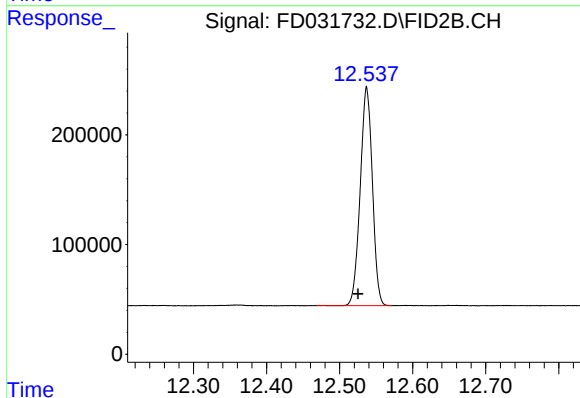
#8 n-Octadecane (C18)

R.T.: 11.234 min
Delta R.T.: 0.013 min
Response: 2401602
Conc: 18.01 ug/ml



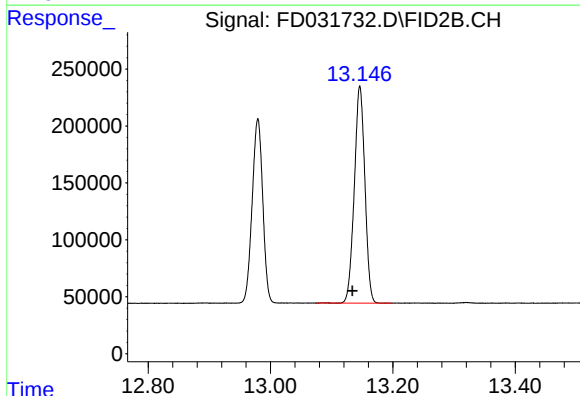
#9 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.016 min
Response: 2609701
Conc: 17.15 ug/ml



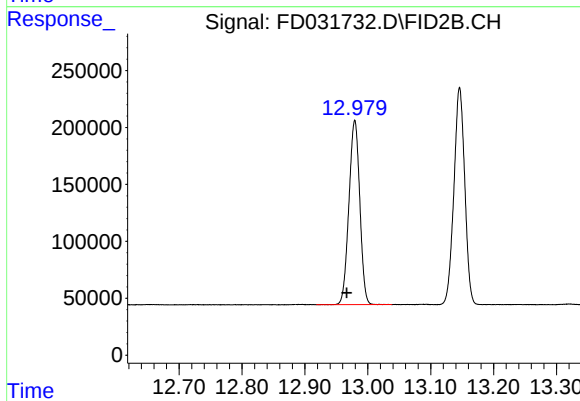
#10 n-Eicosane (C20)

R.T.: 12.537 min
Delta R.T.: 0.012 min
Response: 2305200
Conc: 17.48 ug/ml



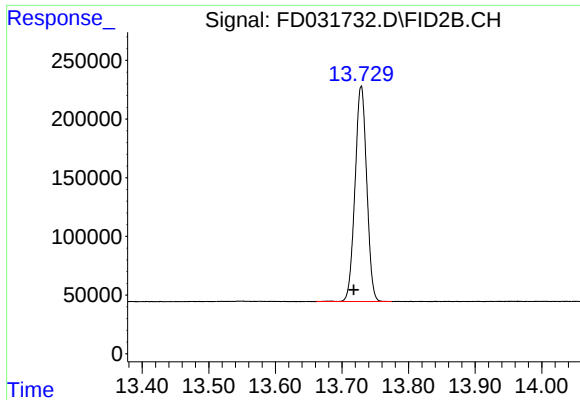
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: 0.012 min
Response: 2283177
Conc: 17.25 ug/ml



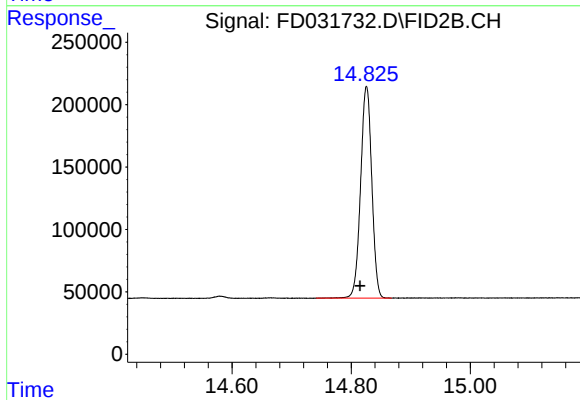
#12 1-chlorooctadecane (SURR)

R.T.: 12.979 min
Delta R.T.: 0.013 min
Response: 1941422
Conc: 17.08 ug/ml



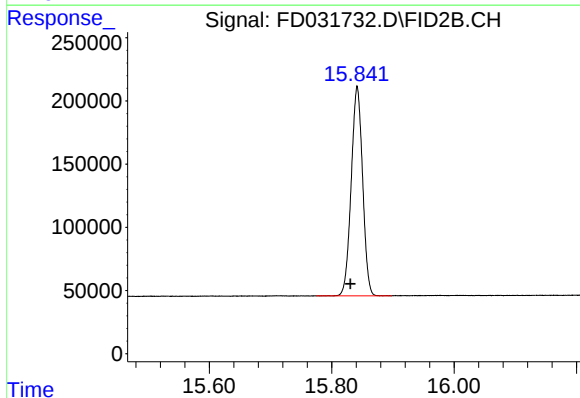
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: 0.011 min
Response: 2236297
Conc: 17.03 ug/ml



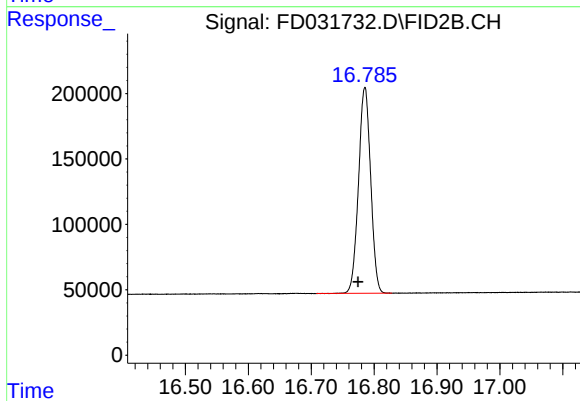
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: 0.011 min
Response: 2206814
Conc: 16.86 ug/ml



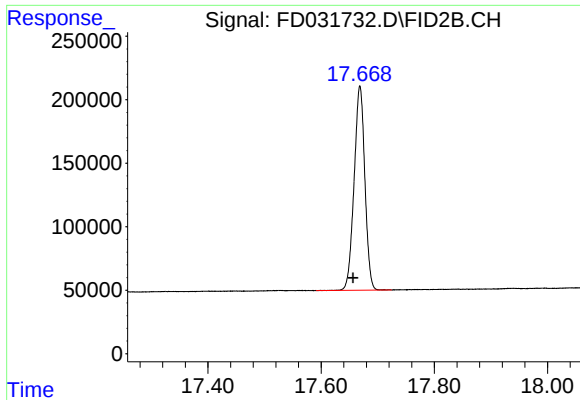
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: 0.011 min
Response: 2138228
Conc: 16.55 ug/ml



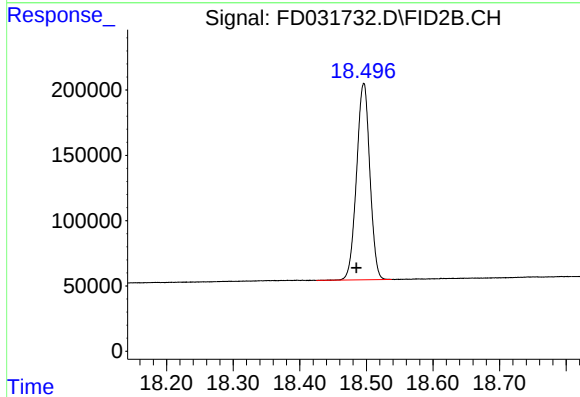
#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: 0.011 min
Response: 2112980
Conc: 16.51 ug/ml



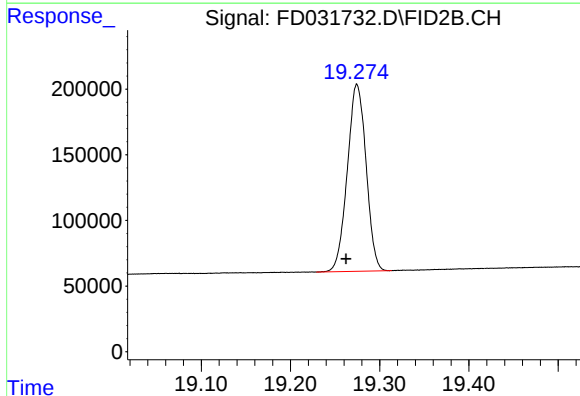
#17 n-Tricontane (C30)

R.T.: 17.669 min
Delta R.T.: 0.012 min
Response: 2118376
Conc: 16.61 ug/ml



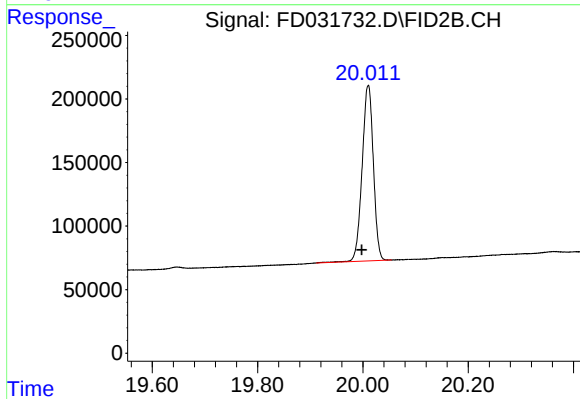
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: 0.011 min
Response: 2087013
Conc: 16.92 ug/ml



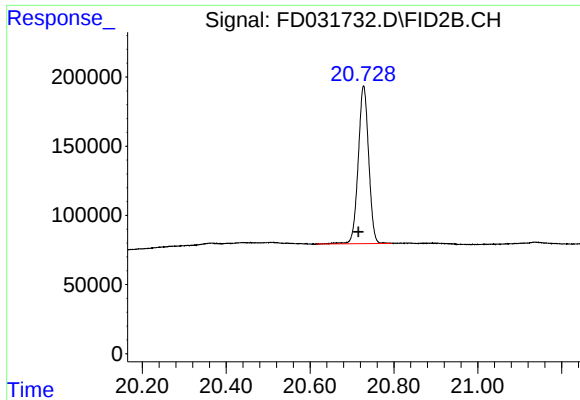
#19 n-Tetratriacontane (C34)

R.T.: 19.274 min
Delta R.T.: 0.012 min
Response: 2084020
Conc: 17.42 ug/ml m



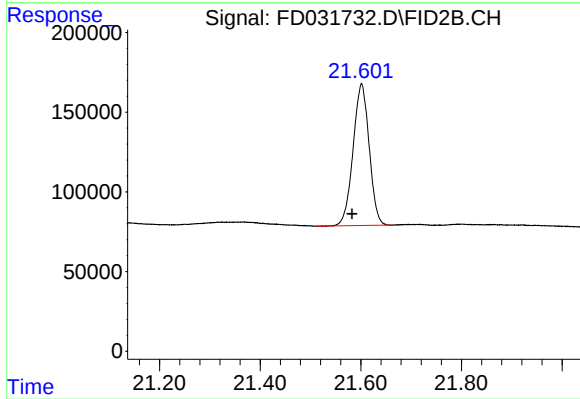
#20 n-Hexatriacontane (C36)

R.T.: 20.010 min
Delta R.T.: 0.012 min
Response: 2043146
Conc: 17.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: 0.012 min
Response: 1964207
Conc: 18.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: 0.019 min
Response: 1975049
Conc: 18.39 ug/ml