

Data Path : P:\HPCHEM1\FID D\Data\FD041118AL\
 Data File : FD022951.D
 Signal(s) : FID2B.CH
 Acq On : 11 Apr 2018 15:15
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 12 04:08:24 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Alaphatic EPH 031618.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 19 11:51:27 2018
 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)	11.185	2445152	23.818 ug/ml
Spiked Amount 50.000		Recovery =	47.64%
12) S 1-chlorooctadecane (S...	12.626	1993298	25.217 ug/ml
Spiked Amount 50.000		Recovery =	50.43%
Target Compounds			
1) T n-Nonane (C9)	3.027	1934103	21.992 ug/ml
2) T n-Decane (C10)	4.079	1989755	22.431 ug/ml
3) T A-Naphthalene (C11.7)	5.643	2260825	23.923 ug/ml
4) T n-Dodecane (C12)	6.081	2111403	22.946 ug/ml
5) T A-2-methylnaphthalene...	6.692	2319566	24.003 ug/ml
6) T n-Tetradecane (C14)	7.863	2166496	22.901 ug/ml
7) T n-Hexadecane (C16)	9.452	2186268	22.927 ug/ml
8) T n-Octadecane (C18)	10.885	2168570	23.011 ug/ml
10) T n-Eicosane (C20)	12.187	2231611	23.199 ug/ml
11) T n-Heneicosane (C21)	12.795	2228621	23.136 ug/ml
13) T n-Docosane (C22)	13.378	2262084	23.319 ug/ml
14) T n-Tetracosane (C24)	14.475	2260076	23.223 ug/ml
15) T n-Hexacosane (C26)	15.491	2269572	23.175 ug/ml
16) T n-Octacosane (C28)	16.436	2310319	23.223 ug/ml
17) T n-Tricontane (C30)	17.320	2436480	25.211 ug/ml
18) T n-Dotriacontane (C32)	18.147	2519332	26.831 ug/ml
19) T n-Tetratriacontane (C34)	18.926	2317959	25.764 ug/ml
20) T n-Hexatriacontane (C36)	19.662	2739490	32.082 ug/ml
21) T n-Octatriacontane (C38)	20.358	6287435	75.890 ug/ml
22) T n-Tetracontane (C40)	21.123	1861920	23.907 ug/ml

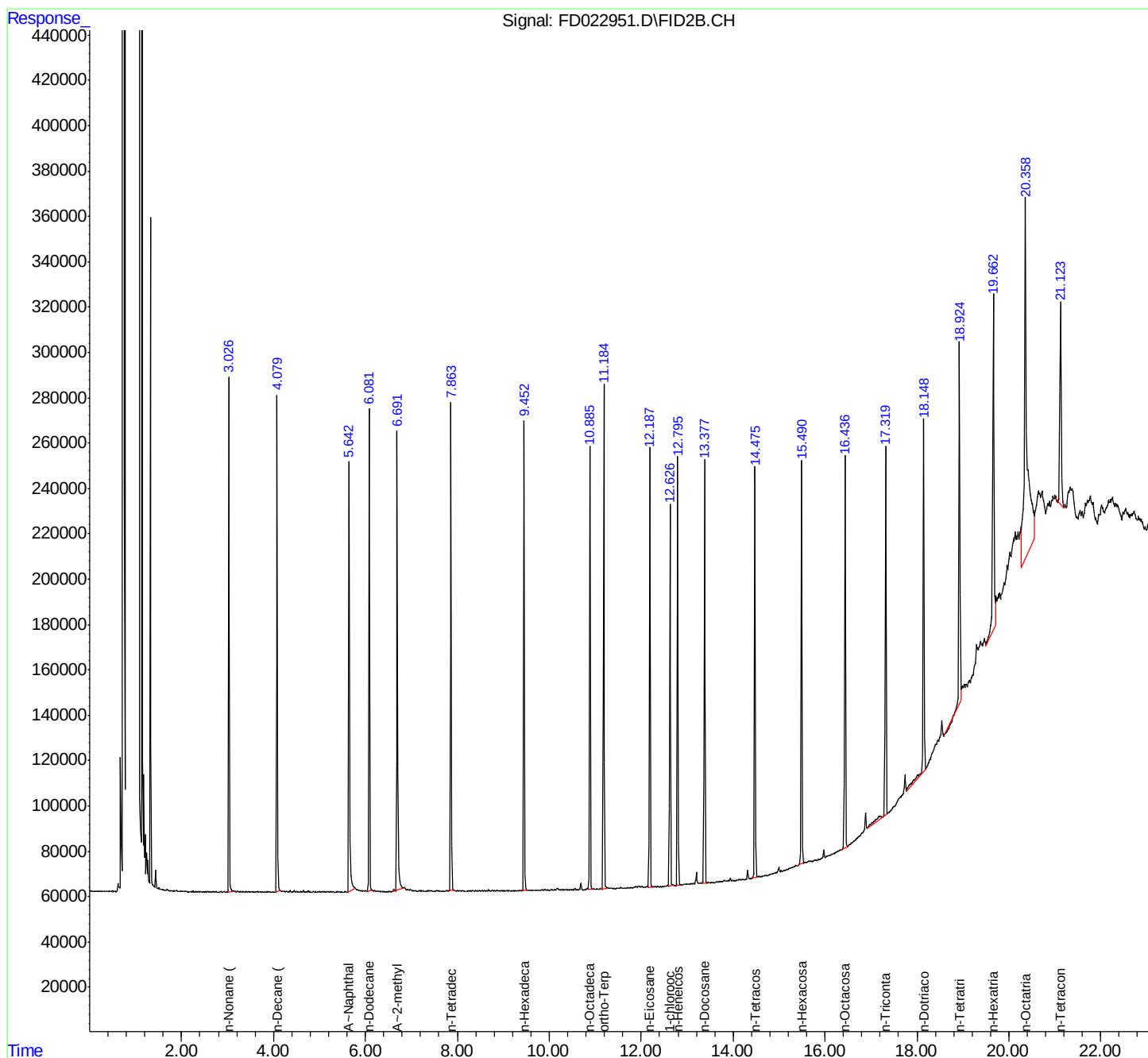
(f)=RT Delta > 1/2 Window

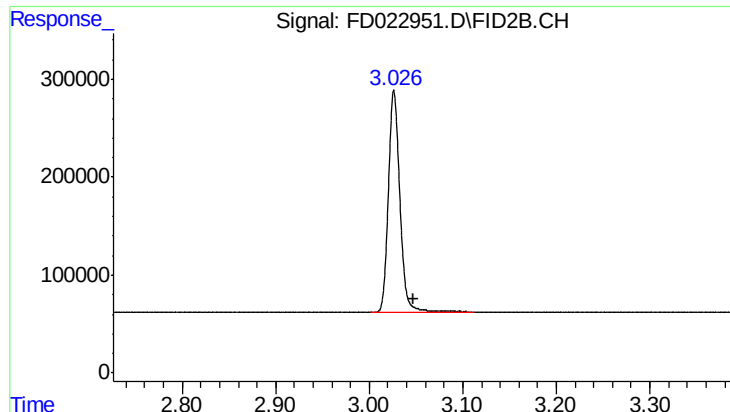
(m)=manual int.

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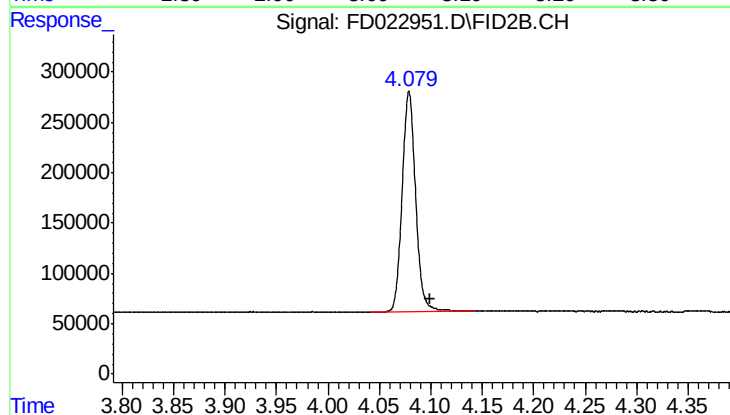
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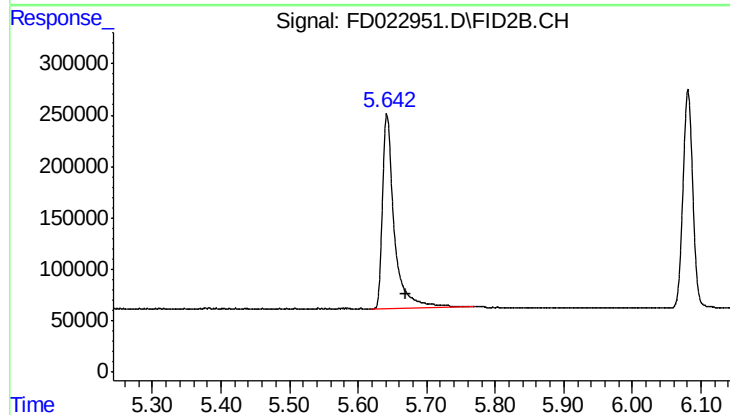
#1 n-Nonane (C9)

R.T.: 3.027 min
Delta R.T.: -0.021 min
Response: 1934103
Conc: 21.99 ug/ml



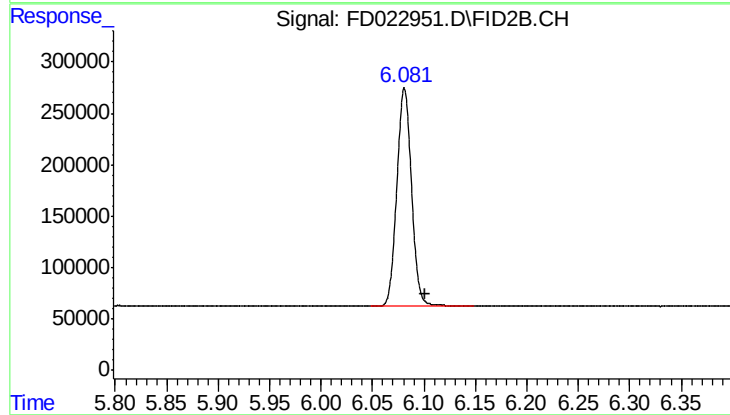
#2 n-Decane (C10)

R.T.: 4.079 min
Delta R.T.: -0.021 min
Response: 1989755
Conc: 22.43 ug/ml



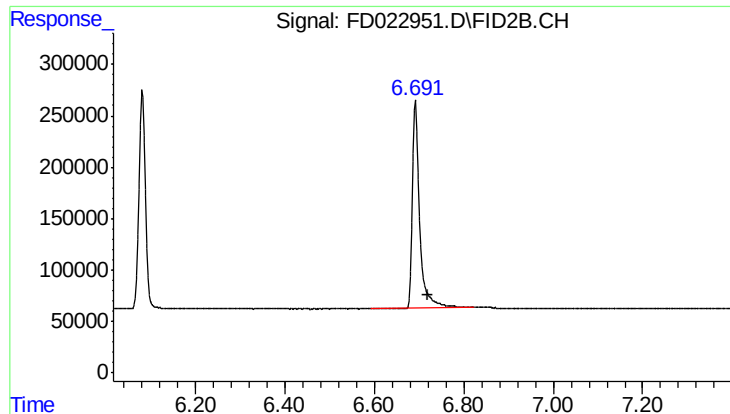
#3 A-Naphthalene (C11.7)

R.T.: 5.643 min
Delta R.T.: -0.028 min
Response: 2260825
Conc: 23.92 ug/ml



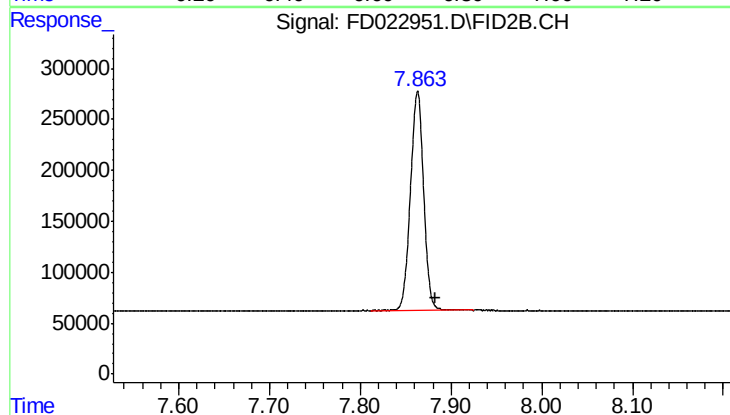
#4 n-Dodecane (C12)

R.T.: 6.081 min
Delta R.T.: -0.020 min
Response: 2111403
Conc: 22.95 ug/ml



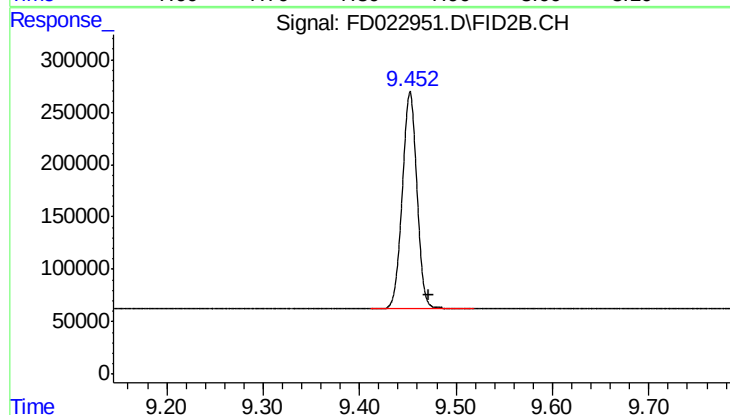
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.692 min
Delta R.T.: -0.027 min
Response: 2319566
Conc: 24.00 ug/ml



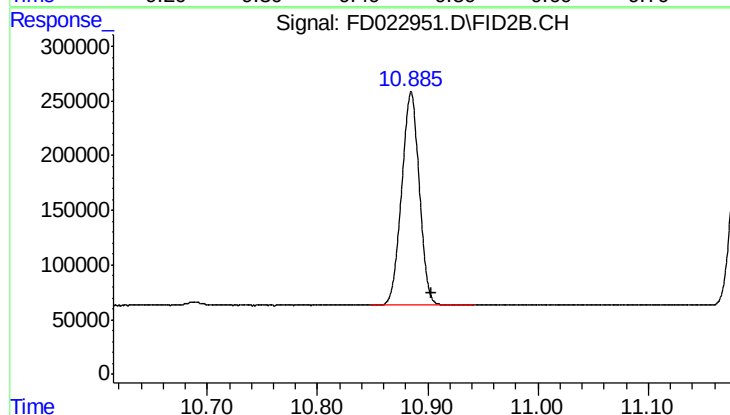
#6 n-Tetradecane (C14)

R.T.: 7.863 min
Delta R.T.: -0.019 min
Response: 2166496
Conc: 22.90 ug/ml



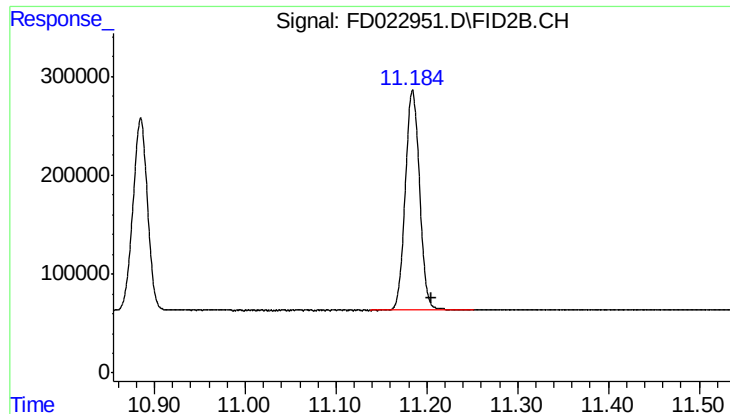
#7 n-Hexadecane (C16)

R.T.: 9.452 min
Delta R.T.: -0.020 min
Response: 2186268
Conc: 22.93 ug/ml



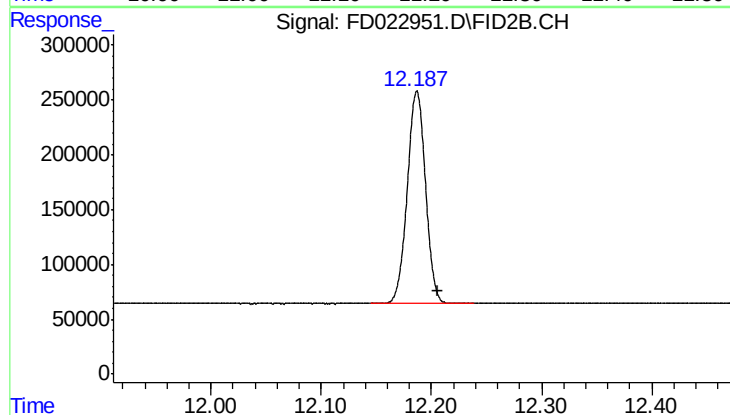
#8 n-Octadecane (C18)

R.T.: 10.885 min
Delta R.T.: -0.019 min
Response: 2168570
Conc: 23.01 ug/ml



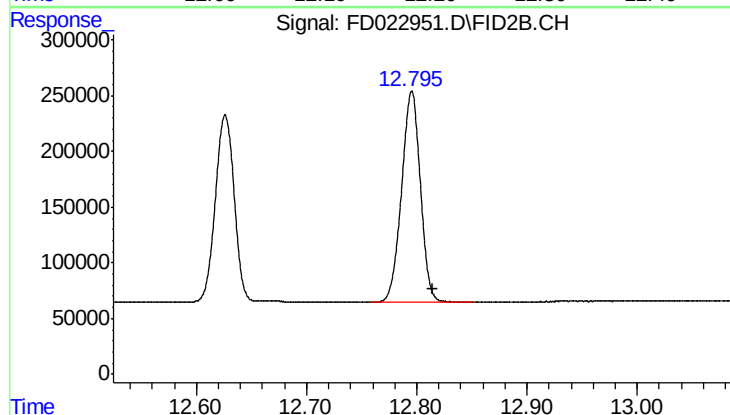
#9 ortho-Terphenyl (SURR)

R.T.: 11.185 min
Delta R.T.: -0.020 min
Response: 2445152
Conc: 23.82 ug/ml



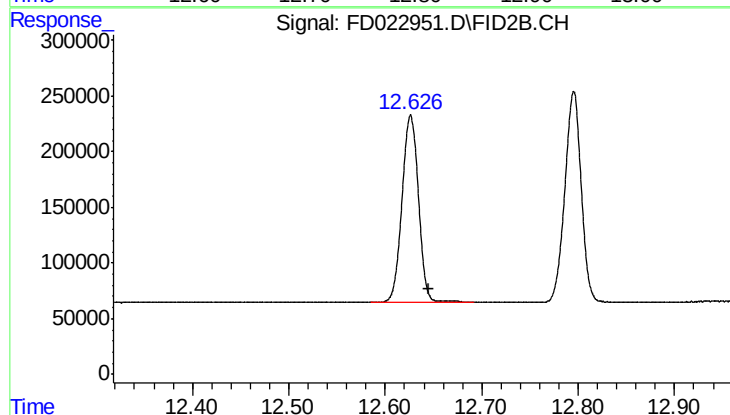
#10 n-Eicosane (C20)

R.T.: 12.187 min
Delta R.T.: -0.019 min
Response: 2231611
Conc: 23.20 ug/ml



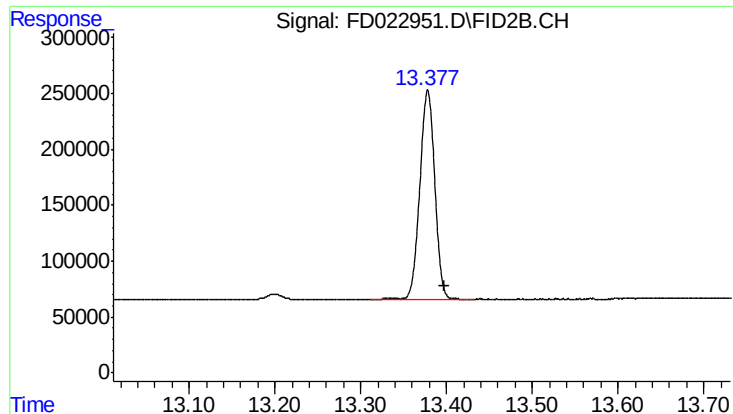
#11 n-Heneicosane (C21)

R.T.: 12.795 min
Delta R.T.: -0.019 min
Response: 2228621
Conc: 23.14 ug/ml



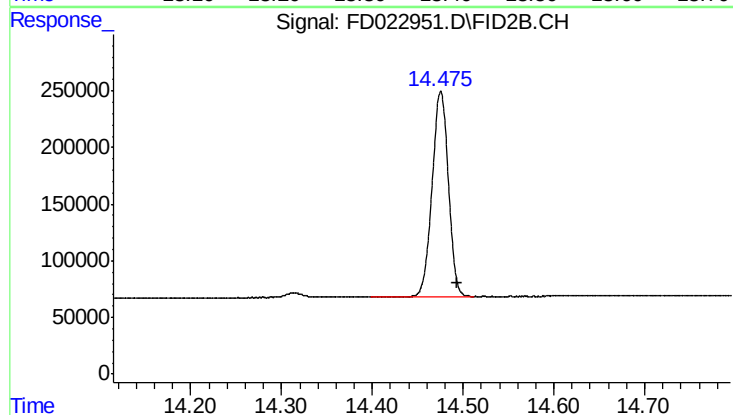
#12 1-chlorooctadecane (SURR)

R.T.: 12.626 min
Delta R.T.: -0.019 min
Response: 1993298
Conc: 25.22 ug/ml



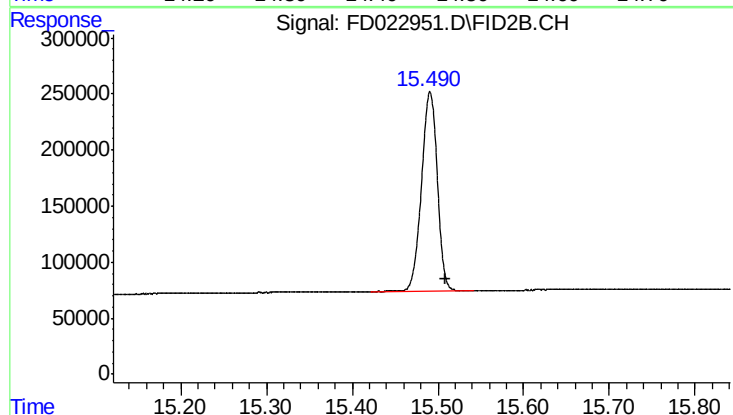
#13 n-Docosane (C22)

R.T.: 13.378 min
Delta R.T.: -0.019 min
Response: 2262084
Conc: 23.32 ug/ml



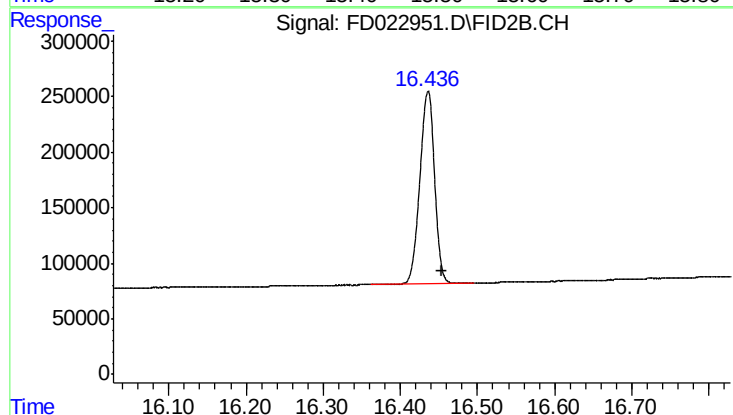
#14 n-Tetracosane (C24)

R.T.: 14.475 min
Delta R.T.: -0.018 min
Response: 2260076
Conc: 23.22 ug/ml



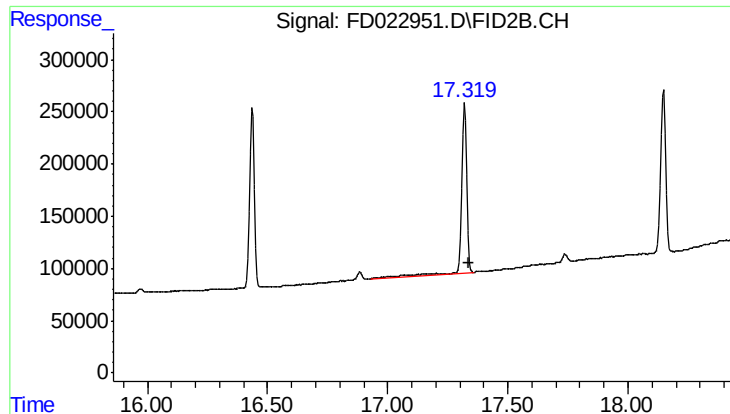
#15 n-Hexacosane (C26)

R.T.: 15.491 min
Delta R.T.: -0.018 min
Response: 2269572
Conc: 23.18 ug/ml



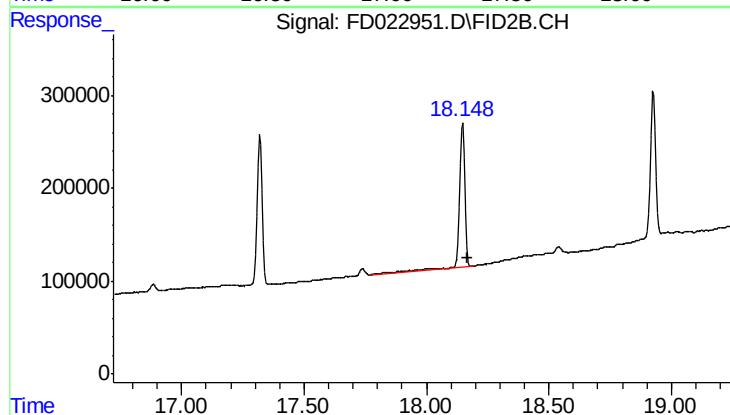
#16 n-Octacosane (C28)

R.T.: 16.436 min
Delta R.T.: -0.018 min
Response: 2310319
Conc: 23.22 ug/ml



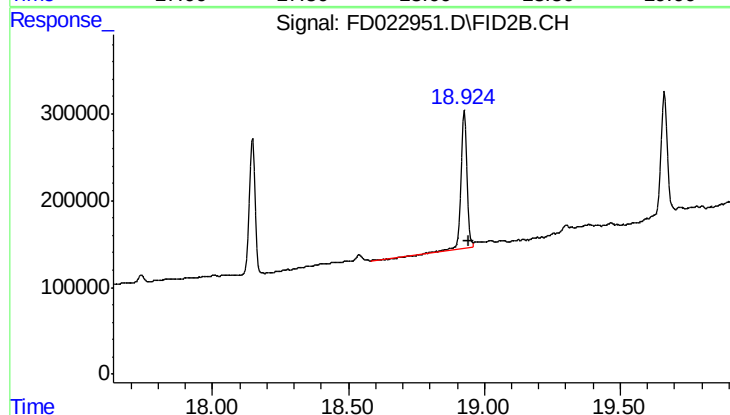
#17 n-Tricontane (C30)

R.T.: 17.320 min
Delta R.T.: -0.015 min
Response: 2436480
Conc: 25.21 ug/ml



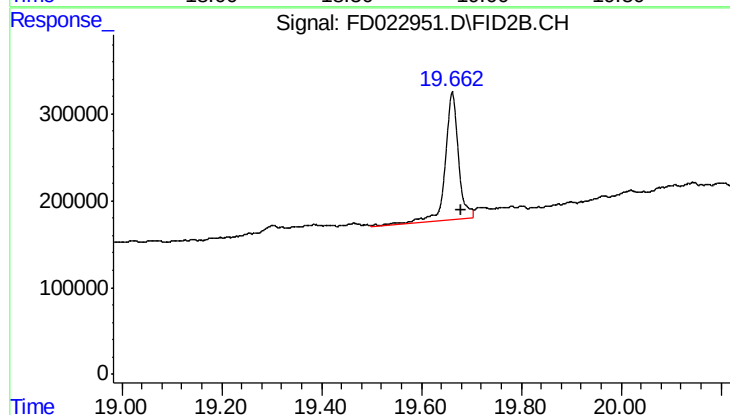
#18 n-Dotriacontane (C32)

R.T.: 18.147 min
Delta R.T.: -0.017 min
Response: 2519332
Conc: 26.83 ug/ml



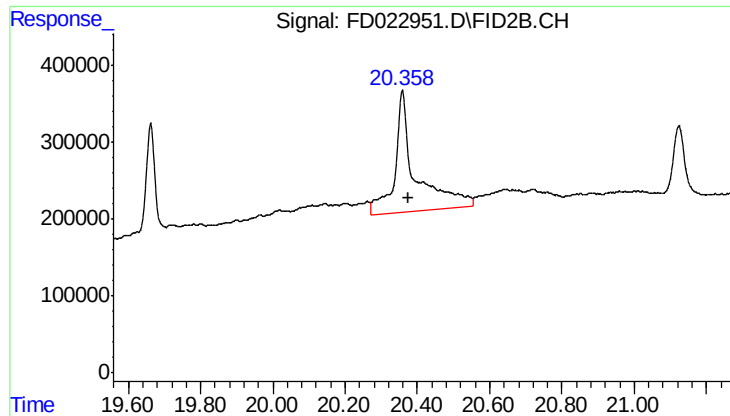
#19 n-Tetratriacontane (C34)

R.T.: 18.926 min
Delta R.T.: -0.019 min
Response: 2317959
Conc: 25.76 ug/ml



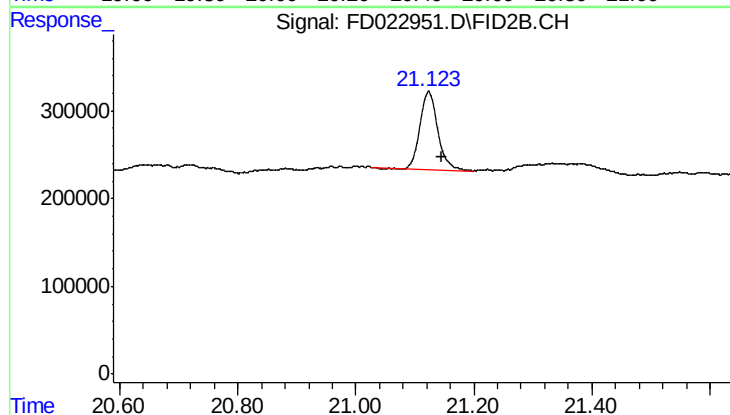
#20 n-Hexatriacontane (C36)

R.T.: 19.662 min
Delta R.T.: -0.017 min
Response: 2739490
Conc: 32.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.358 min
Delta R.T.: -0.017 min
Response: 6287435
Conc: 75.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.123 min
Delta R.T.: -0.023 min
Response: 1861920
Conc: 23.91 ug/ml