

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022823AL\
 Data File : FG011504.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2023 12:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 06:19:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 022723.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:30:17 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.978	2833283	20.023 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	12.417	2244987	20.111 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T n-Nonane (C9)	2.801	2230763	19.742 ug/ml
2) T n-Decane (C10)	3.816	2204983	19.629 ug/ml
3) T A~Naphthalene (C11.7)	5.387	2651582	19.796 ug/ml
4) T n-Dodecane (C12)	5.812	2268105	19.574 ug/ml
5) T A~2-methylnaphthalene...	6.440	2542219	19.880 ug/ml
6) T n-Tetradecane (C14)	7.608	2360121	19.648 ug/ml
7) T n-Hexadecane (C16)	9.213	2513440	19.753 ug/ml
8) T n-Octadecane (C18)	10.658	2607034	19.867 ug/ml
10) T n-Eicosane (C20)	11.972	2577896	19.927 ug/ml
11) T n-Heneicosane (C21)	12.585	2591432	20.059 ug/ml
13) T n-Docosane (C22)	13.172	2570662	19.806 ug/ml
14) T n-Tetracosane (C24)	14.278	2532835	19.344 ug/ml
15) T n-Hexacosane (C26)	15.301	2435407	18.971 ug/ml
16) T n-Octacosane (C28)	16.254	2355626	18.662 ug/ml
17) T n-Tricontane (C30)	17.144	2298270	18.460 ug/ml
18) T n-Dotriacontane (C32)	17.978	2282788	18.730 ug/ml
19) T n-Tetratriacontane (C34)	18.764	2228693	18.558 ug/ml
20) T n-Hexatriacontane (C36)	19.507	2117417	19.762 ug/ml
21) T n-Octatriacontane (C38)	20.257	2099308	19.929 ug/ml
22) T n-Tetracontane (C40)	21.199	2110594	19.732 ug/ml

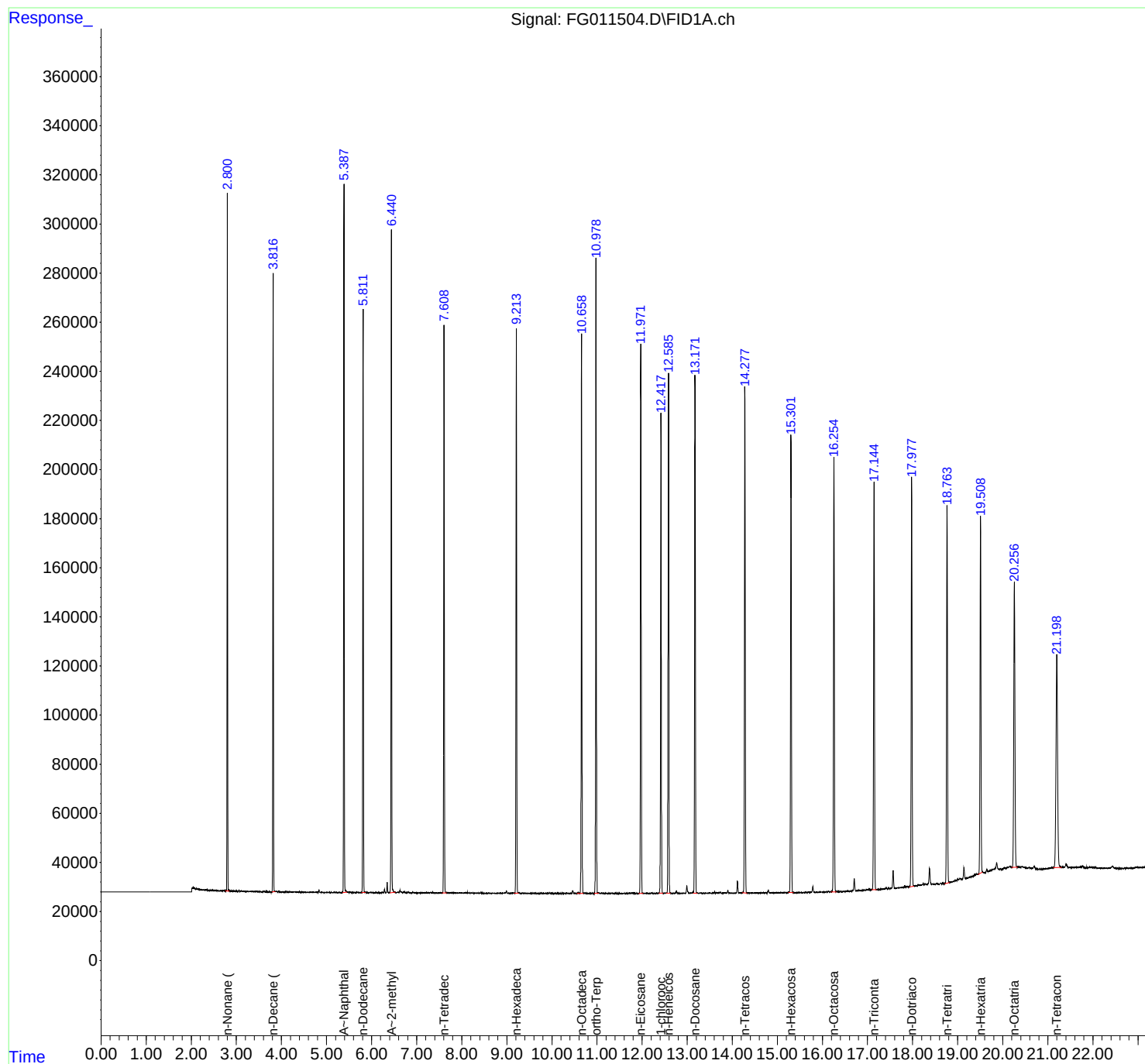
(f)=RT Delta > 1/2 Window

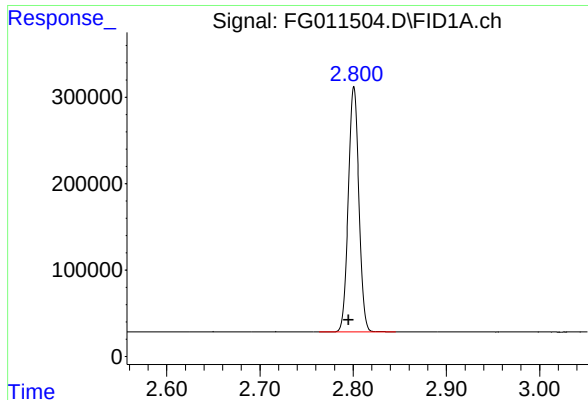
(m)=manual int.

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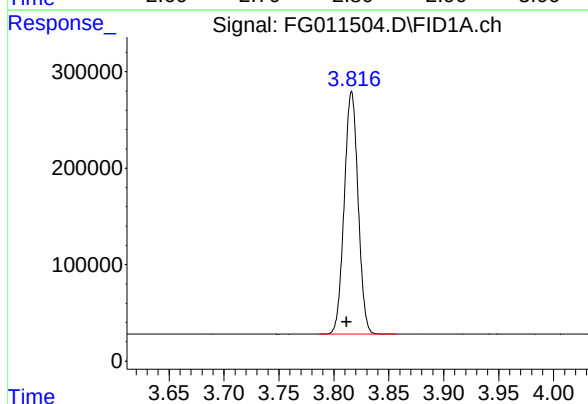
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





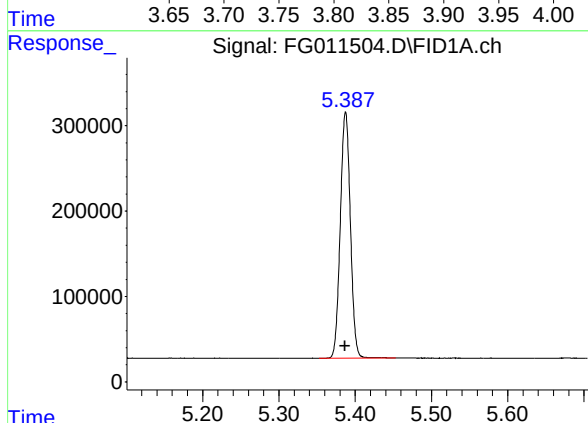
#1 n-Nonane (C9)

R.T.: 2.801 min
Delta R.T.: 0.006 min
Response: 2230763
Conc: 19.74 ug/ml



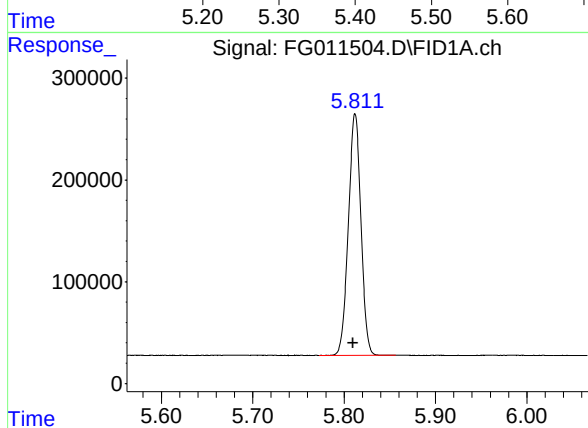
#2 n-Decane (C10)

R.T.: 3.816 min
Delta R.T.: 0.005 min
Response: 2204983
Conc: 19.63 ug/ml



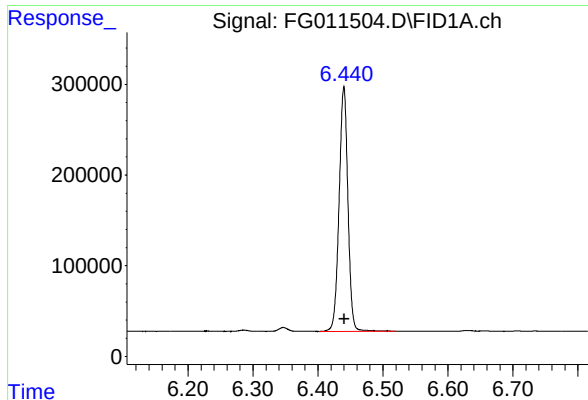
#3 A~Naphthalene (C11.7)

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 2651582
Conc: 19.80 ug/ml



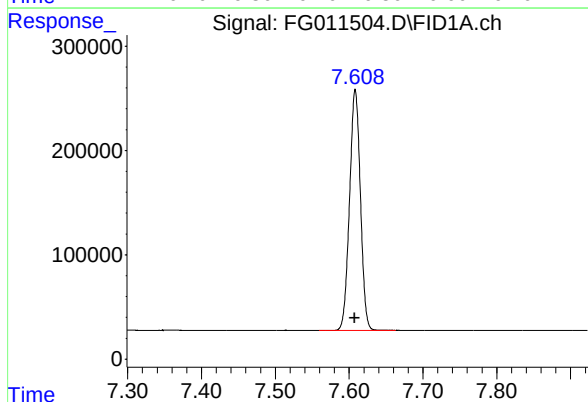
#4 n-Dodecane (C12)

R.T.: 5.812 min
Delta R.T.: 0.002 min
Response: 2268105
Conc: 19.57 ug/ml



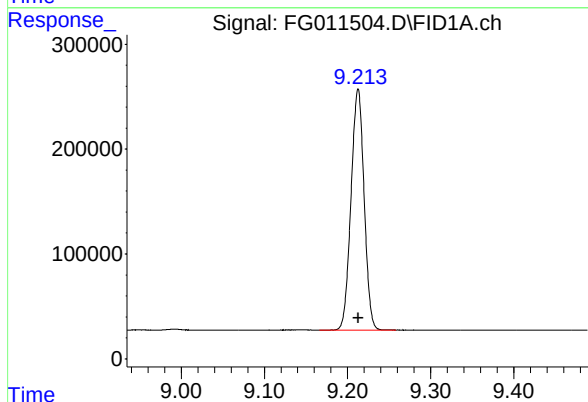
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 2542219
Conc: 19.88 ug/ml



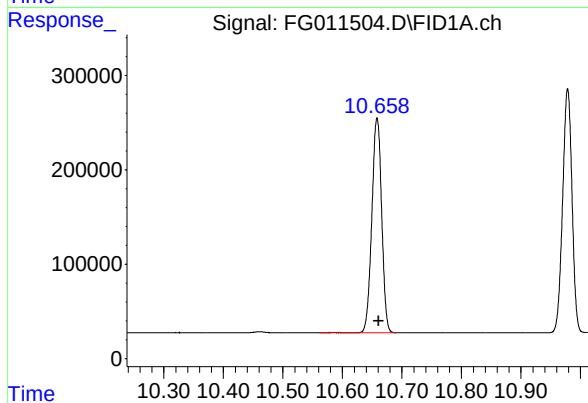
#6 n-Tetradecane (C14)

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 2360121
Conc: 19.65 ug/ml



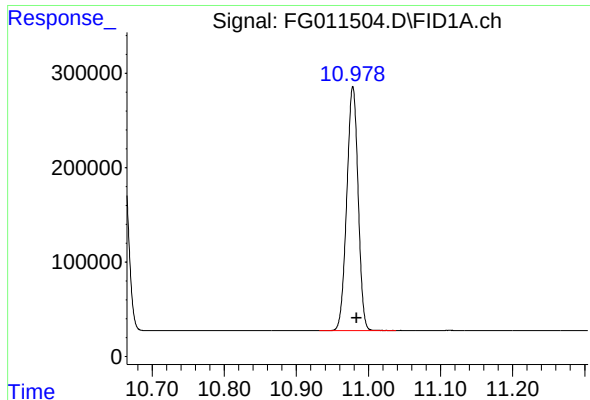
#7 n-Hexadecane (C16)

R.T.: 9.213 min
Delta R.T.: 0.000 min
Response: 2513440
Conc: 19.75 ug/ml



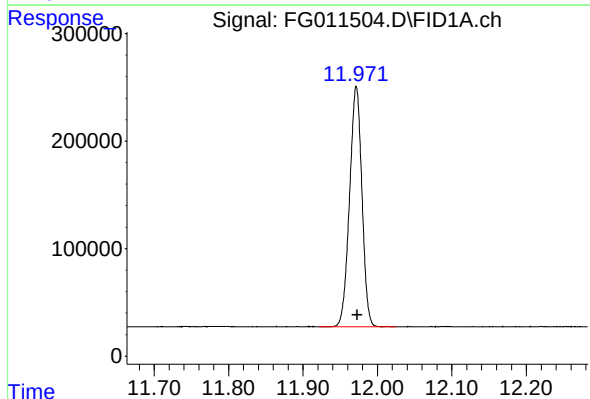
#8 n-Octadecane (C18)

R.T.: 10.658 min
Delta R.T.: -0.003 min
Response: 2607034
Conc: 19.87 ug/ml



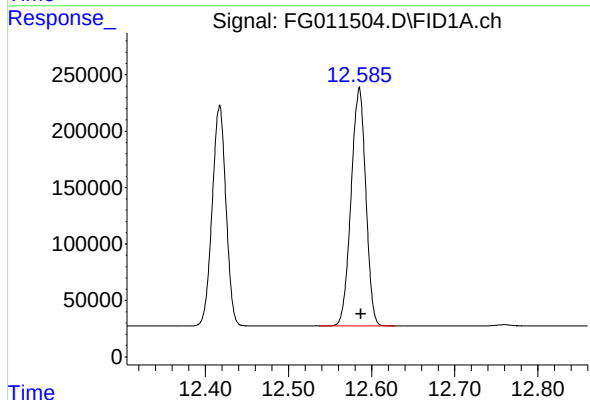
#9 ortho-Terphenyl (SURR)

R.T.: 10.978 min
Delta R.T.: -0.005 min
Response: 2833283
Conc: 20.02 ug/ml



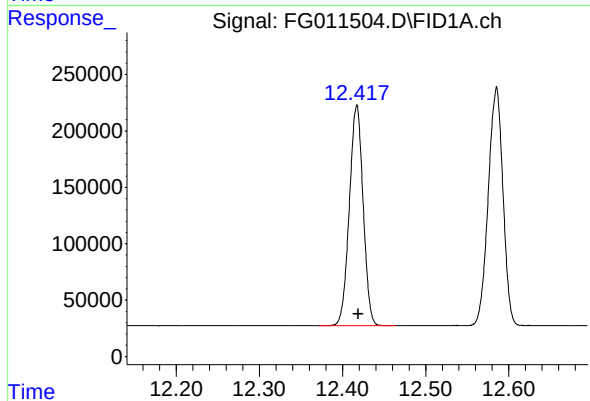
#10 n-Eicosane (C20)

R.T.: 11.972 min
Delta R.T.: -0.001 min
Response: 2577896
Conc: 19.93 ug/ml



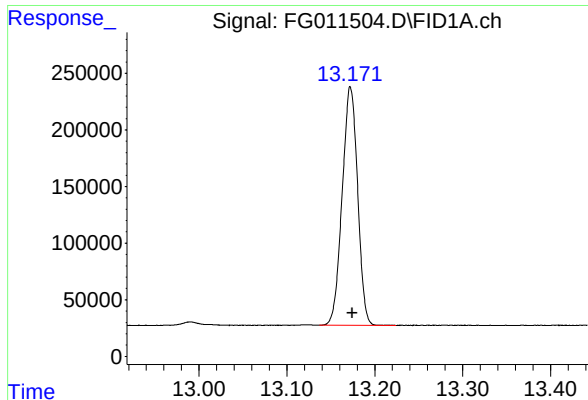
#11 n-Heneicosane (C21)

R.T.: 12.585 min
Delta R.T.: -0.002 min
Response: 2591432
Conc: 20.06 ug/ml



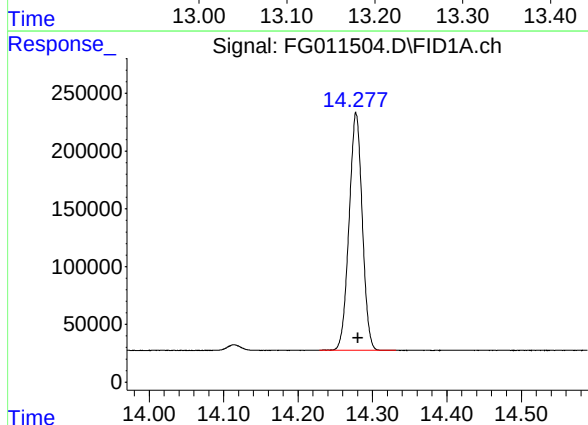
#12 1-chlorooctadecane (SURR)

R.T.: 12.417 min
Delta R.T.: -0.002 min
Response: 2244987
Conc: 20.11 ug/ml



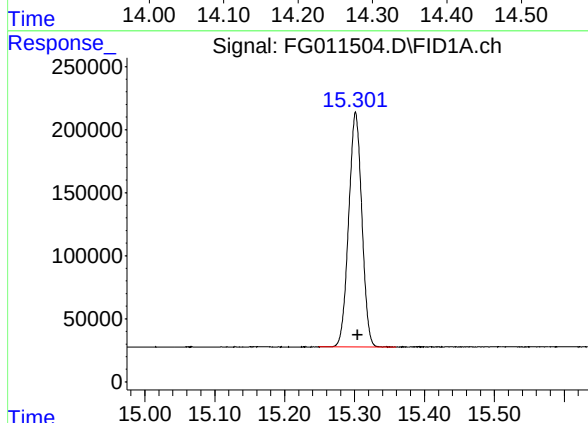
#13 n-Docosane (C22)

R.T.: 13.172 min
Delta R.T.: -0.002 min
Response: 2570662
Conc: 19.81 ug/ml



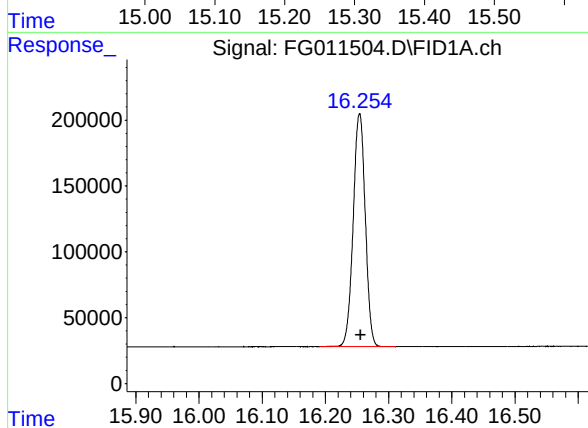
#14 n-Tetracosane (C24)

R.T.: 14.278 min
Delta R.T.: -0.003 min
Response: 2532835
Conc: 19.34 ug/ml



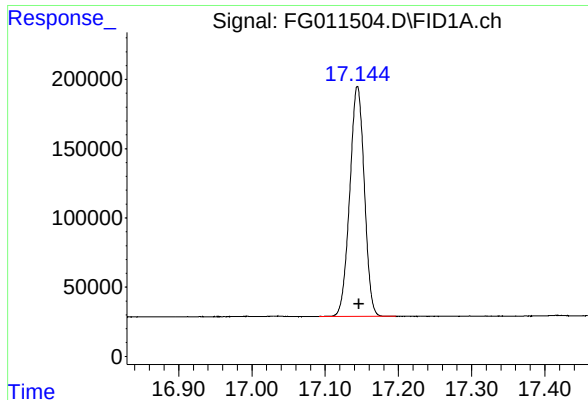
#15 n-Hexacosane (C26)

R.T.: 15.301 min
Delta R.T.: -0.003 min
Response: 2435407
Conc: 18.97 ug/ml



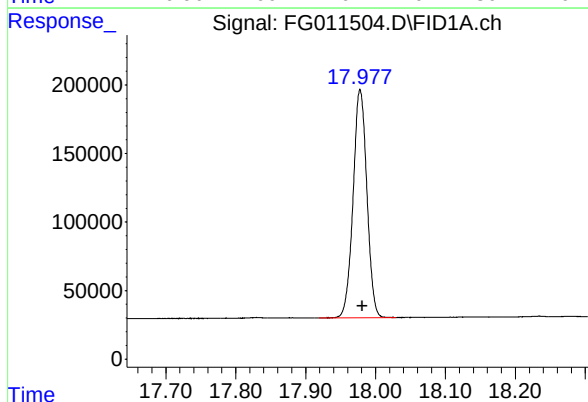
#16 n-Octacosane (C28)

R.T.: 16.254 min
Delta R.T.: -0.002 min
Response: 2355626
Conc: 18.66 ug/ml



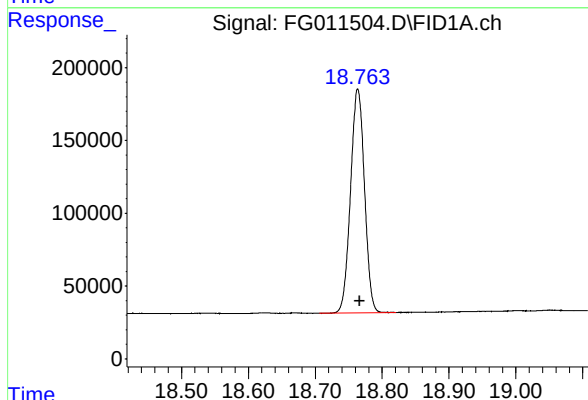
#17 n-Tricontane (C30)

R.T.: 17.144 min
Delta R.T.: -0.002 min
Response: 2298270
Conc: 18.46 ug/ml



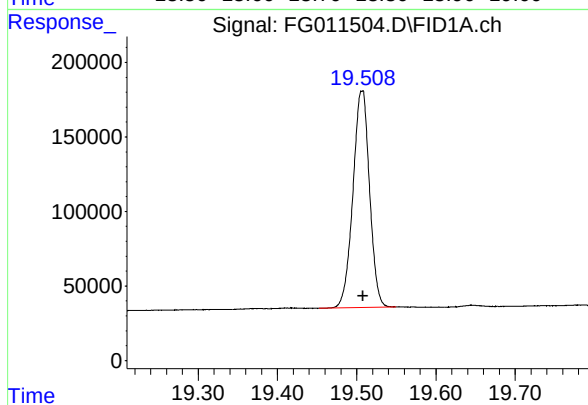
#18 n-Dotriacontane (C32)

R.T.: 17.978 min
Delta R.T.: -0.003 min
Response: 2282788
Conc: 18.73 ug/ml



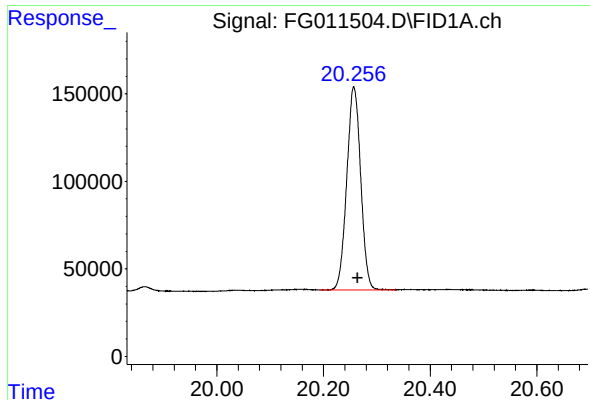
#19 n-Tetratriacontane (C34)

R.T.: 18.764 min
Delta R.T.: -0.003 min
Response: 2228693
Conc: 18.56 ug/ml



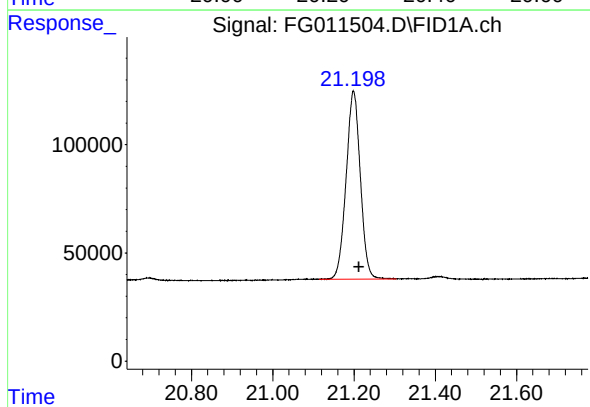
#20 n-Hexatriacontane (C36)

R.T.: 19.507 min
Delta R.T.: -0.001 min
Response: 2117417
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.257 min
Delta R.T.: -0.007 min
Response: 2099308
Conc: 19.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.199 min
Delta R.T.: -0.014 min
Response: 2110594
Conc: 19.73 ug/ml