

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012523AL\
 Data File : FC062776.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jan 2023 19:58
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 04:56:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 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)	11.545	2668914	18.890 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	12.983	1987678	18.869 ug/ml
Spiked Amount 50.000		Recovery =	37.74%
Target Compounds			
1) T n-Nonane (C9)	3.302	2557953	19.129 ug/ml
2) T n-Decane (C10)	4.369	2511518	19.365 ug/ml
3) T A~Naphthalene (C11.7)	5.952	2769246	18.845 ug/ml
4) T n-Dodecane (C12)	6.389	2503140	19.476 ug/ml
5) T A~2-methylnaphthalene...	7.011	2562117	18.740 ug/ml
6) T n-Tetradecane (C14)	8.186	2470201	19.189 ug/ml
7) T n-Hexadecane (C16)	9.787	2476222	19.174 ug/ml
8) T n-Octadecane (C18)	11.230	2484248	19.184 ug/ml
10) T n-Eicosane (C20)	12.539	2380014	19.285 ug/ml
11) T n-Heneicosane (C21)	13.151	2347817	19.156 ug/ml
13) T n-Docosane (C22)	13.737	2353159	19.683 ug/ml
14) T n-Tetracosane (C24)	14.840	2402808	20.632 ug/ml
15) T n-Hexacosane (C26)	15.858	2404665	21.405 ug/ml
16) T n-Octacosane (C28)	16.808	2465103	22.451 ug/ml
17) T n-Tricontane (C30)	17.694	2532489	23.385 ug/ml
18) T n-Dotriacontane (C32)	18.526	2561199	23.460 ug/ml
19) T n-Tetratriacontane (C34)	19.307	2385067	21.938 ug/ml
20) T n-Hexatriacontane (C36)	20.045	2135397	19.197 ug/ml
21) T n-Octatriacontane (C38)	20.776	1993637	18.825 ug/ml
22) T n-Tetracontane (C40)	21.682	2035047	19.109 ug/ml

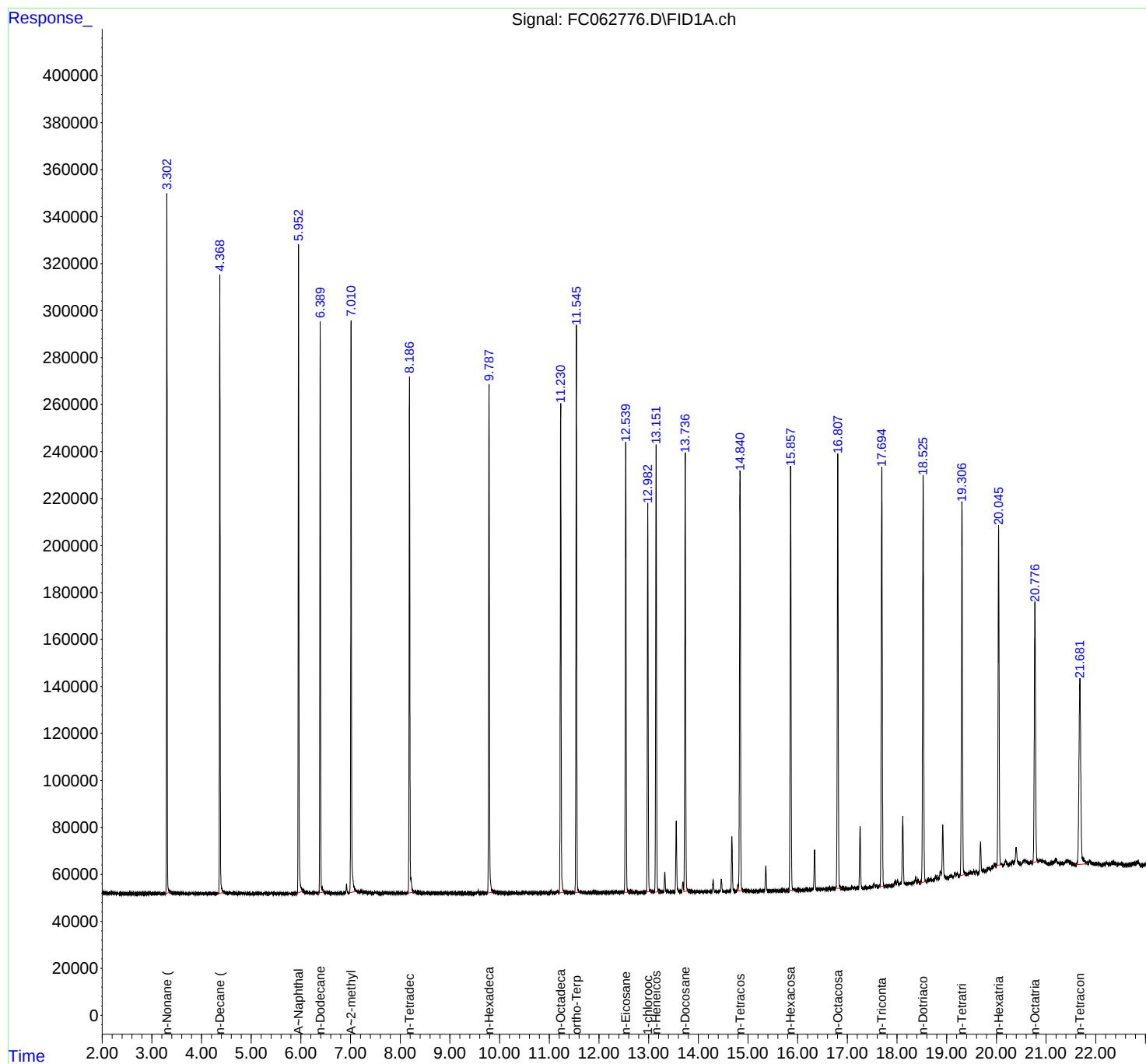
(f)=RT Delta > 1/2 Window

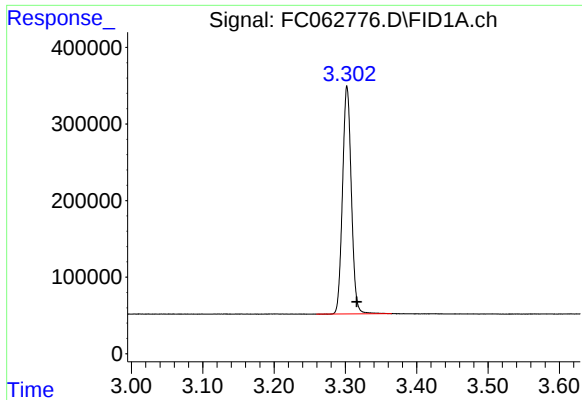
(m)=manual int.

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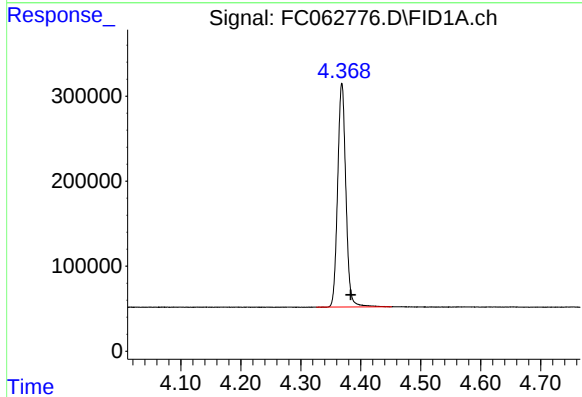
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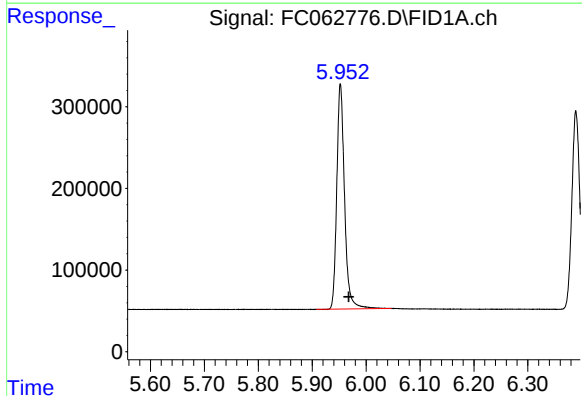
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.014 min
Response: 2557953
Conc: 19.13 ug/ml



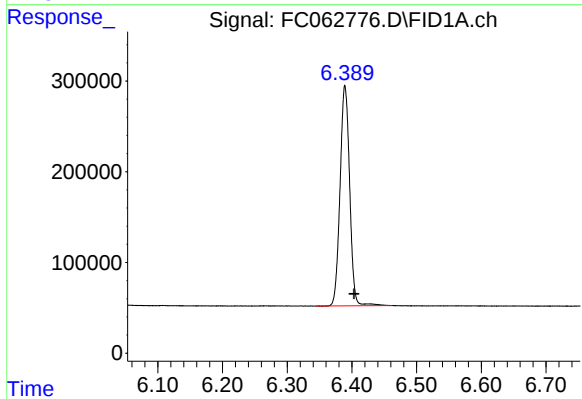
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.015 min
Response: 2511518
Conc: 19.36 ug/ml



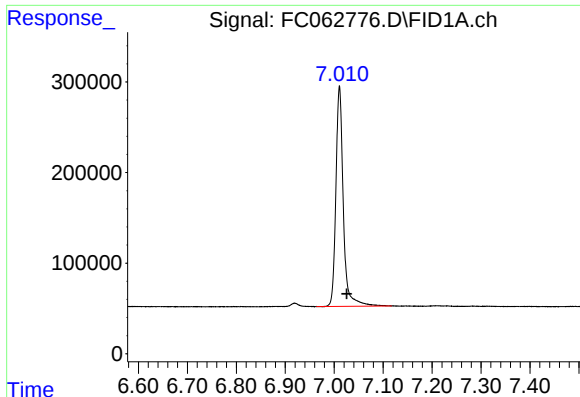
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.015 min
Response: 2769246
Conc: 18.84 ug/ml



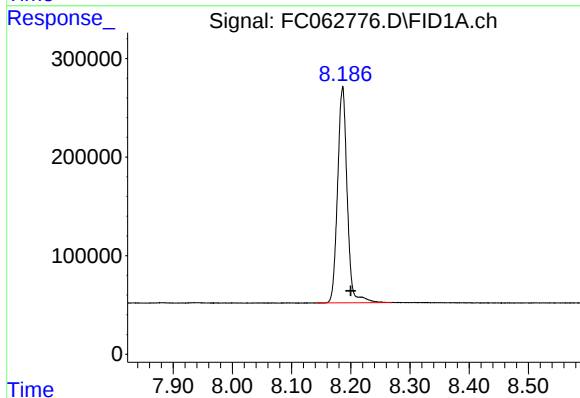
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: -0.014 min
Response: 2503140
Conc: 19.48 ug/ml



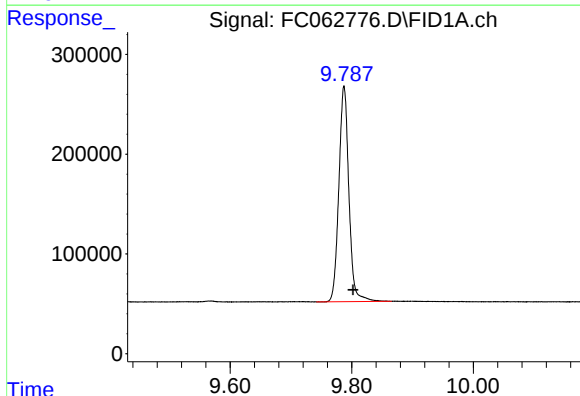
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.015 min
Response: 2562117
Conc: 18.74 ug/ml



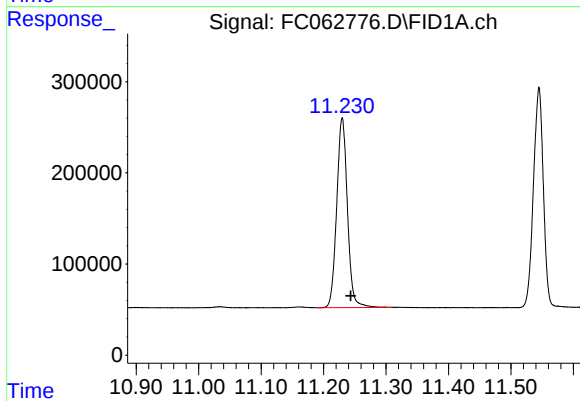
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: -0.014 min
Response: 2470201
Conc: 19.19 ug/ml



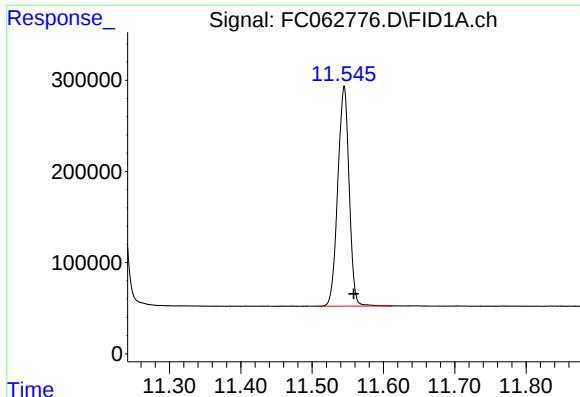
#7 n-Hexadecane (C16)

R.T.: 9.787 min
Delta R.T.: -0.015 min
Response: 2476222
Conc: 19.17 ug/ml



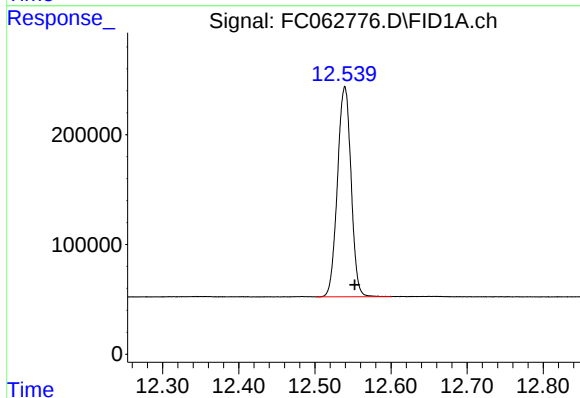
#8 n-Octadecane (C18)

R.T.: 11.230 min
Delta R.T.: -0.014 min
Response: 2484248
Conc: 19.18 ug/ml



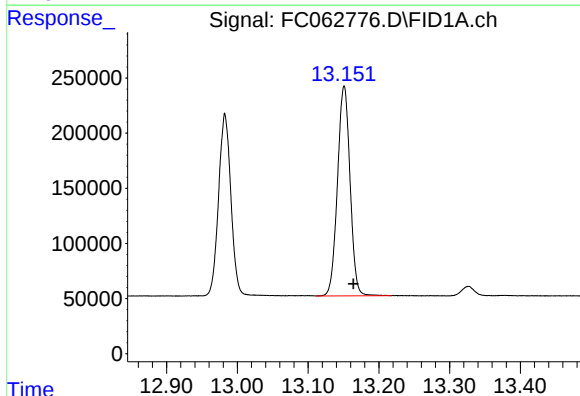
#9 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.013 min
Response: 2668914
Conc: 18.89 ug/ml



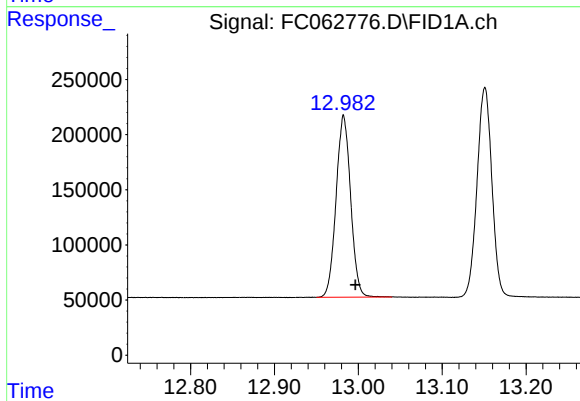
#10 n-Eicosane (C20)

R.T.: 12.539 min
Delta R.T.: -0.013 min
Response: 2380014
Conc: 19.28 ug/ml



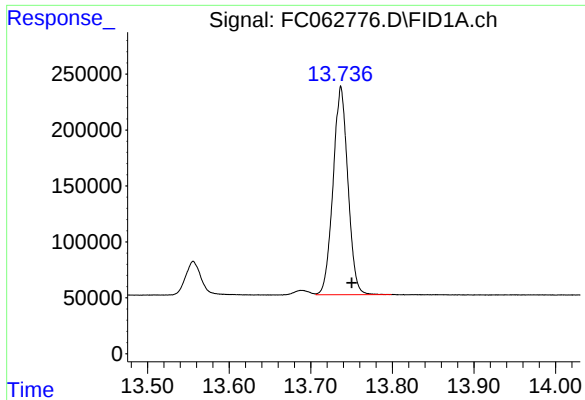
#11 n-Heneicosane (C21)

R.T.: 13.151 min
Delta R.T.: -0.013 min
Response: 2347817
Conc: 19.16 ug/ml



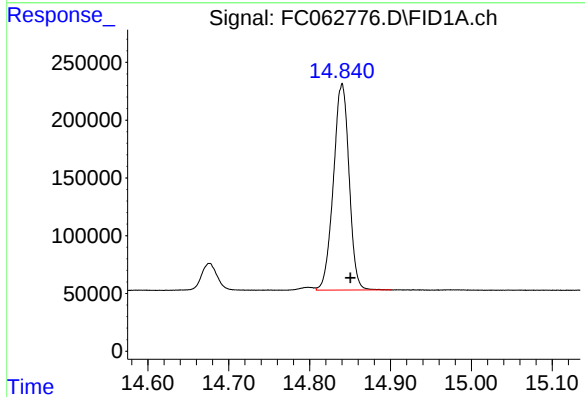
#12 1-chlorooctadecane (SURR)

R.T.: 12.983 min
Delta R.T.: -0.014 min
Response: 1987678
Conc: 18.87 ug/ml



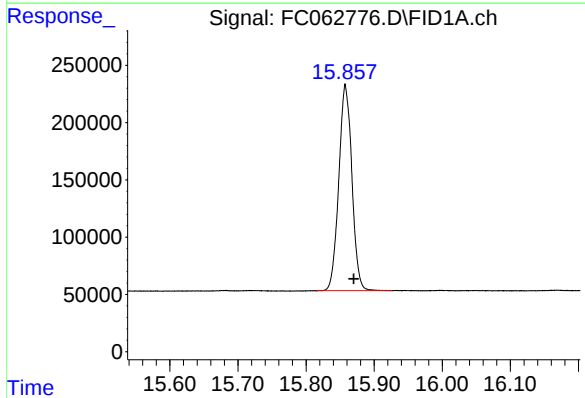
#13 n-Docosane (C22)

R.T.: 13.737 min
Delta R.T.: -0.013 min
Response: 2353159
Conc: 19.68 ug/ml



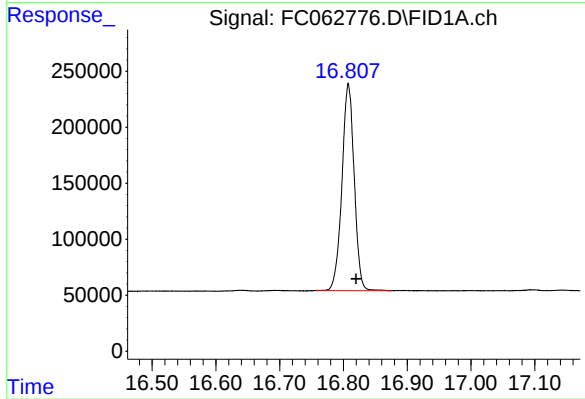
#14 n-Tetracosane (C24)

R.T.: 14.840 min
Delta R.T.: -0.011 min
Response: 2402808
Conc: 20.63 ug/ml



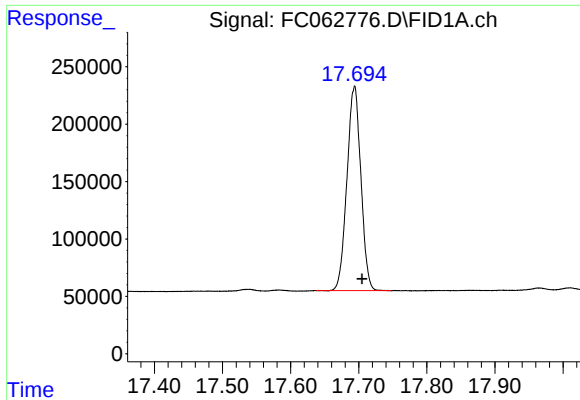
#15 n-Hexacosane (C26)

R.T.: 15.858 min
Delta R.T.: -0.013 min
Response: 2404665
Conc: 21.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.808 min
Delta R.T.: -0.012 min
Response: 2465103
Conc: 22.45 ug/ml



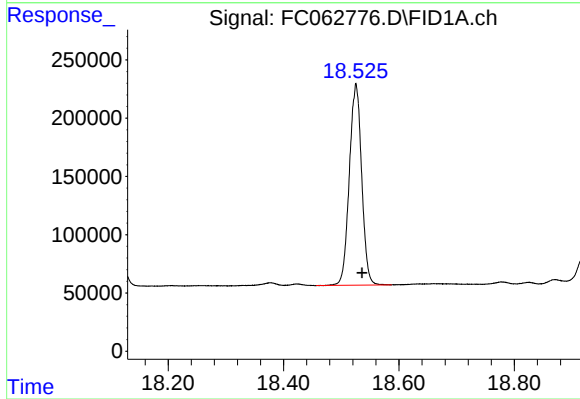
#17 n-Tricontane (C30)

R.T.: 17.694 min

Delta R.T.: -0.011 min

Response: 2532489

Conc: 23.38 ug/ml



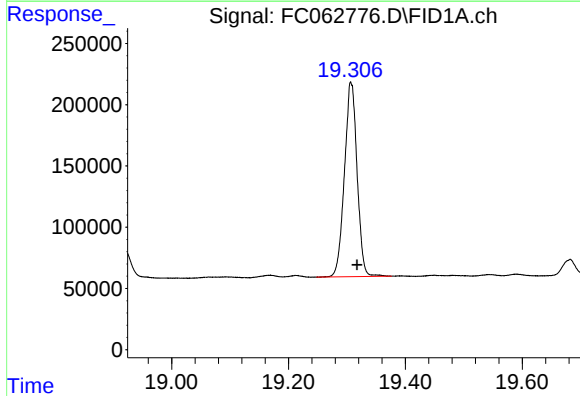
#18 n-Dotriacontane (C32)

R.T.: 18.526 min

Delta R.T.: -0.010 min

Response: 2561199

Conc: 23.46 ug/ml



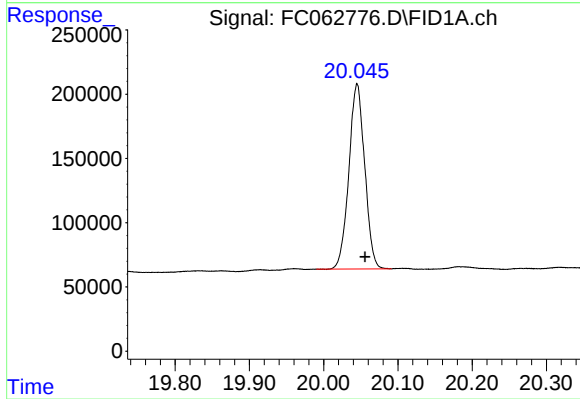
#19 n-Tetratriacontane (C34)

R.T.: 19.307 min

Delta R.T.: -0.011 min

Response: 2385067

Conc: 21.94 ug/ml



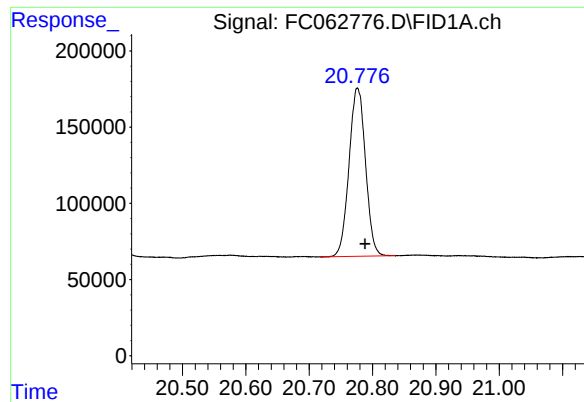
#20 n-Hexatriacontane (C36)

R.T.: 20.045 min

Delta R.T.: -0.011 min

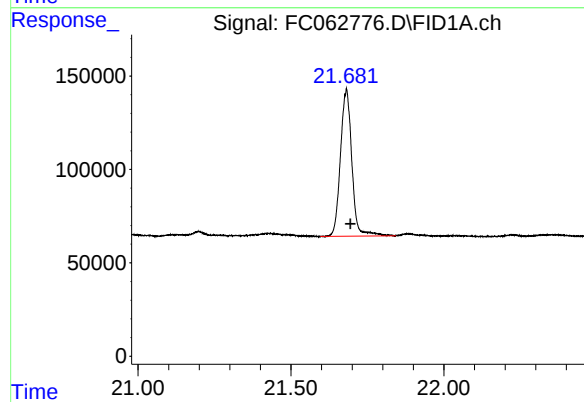
Response: 2135397

Conc: 19.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.776 min
Delta R.T.: -0.012 min
Response: 1993637
Conc: 18.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.682 min
Delta R.T.: -0.013 min
Response: 2035047
Conc: 19.11 ug/ml