

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022020AL\
 Data File : FC045881.D
 Signal(s) : FID1A.CH
 Acq On : 20 Feb 2020 8:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 00:45:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 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)	11.760	2098203	19.087 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	13.180	1617790	18.607 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
Target Compounds			
1) T n-Nonane (C9)	3.530	2109737	21.812 ug/ml
2) T n-Decane (C10)	4.600	2128597	21.978 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2283666	21.381 ug/ml
4) T n-Dodecane (C12)	6.612	2142642	21.917 ug/ml
5) T A~2-methylnaphthalene...	7.253	2281183	21.281 ug/ml
6) T n-Tetradecane (C14)	8.399	2121758	21.531 ug/ml
7) T n-Hexadecane (C16)	9.992	2092278	20.899 ug/ml
8) T n-Octadecane (C18)	11.429	2052660	20.153 ug/ml
10) T n-Eicosane (C20)	12.734	1981103	19.318 ug/ml
11) T n-Heneicosane (C21)	13.343	1957753	18.914 ug/ml
13) T n-Docosane (C22)	13.927	1915961	18.569 ug/ml
14) T n-Tetracosane (C24)	15.025	1863002	17.928 ug/ml
15) T n-Hexacosane (C26)	16.042	1820545	17.621 ug/ml
16) T n-Octacosane (C28)	16.990	1792495	17.537 ug/ml
17) T n-Tricontane (C30)	17.874	1752942	17.856 ug/ml
18) T n-Dotriacontane (C32)	18.703	1513849	18.193 ug/ml
19) T n-Tetratriacontane (C34)	19.482	1303895	18.425 ug/ml
20) T n-Hexatriacontane (C36)	20.219	1206570	18.818 ug/ml
21) T n-Octatriacontane (C38)	20.983	1106635	18.920 ug/ml
22) T n-Tetracontane (C40)	21.948	1146960	19.443 ug/ml

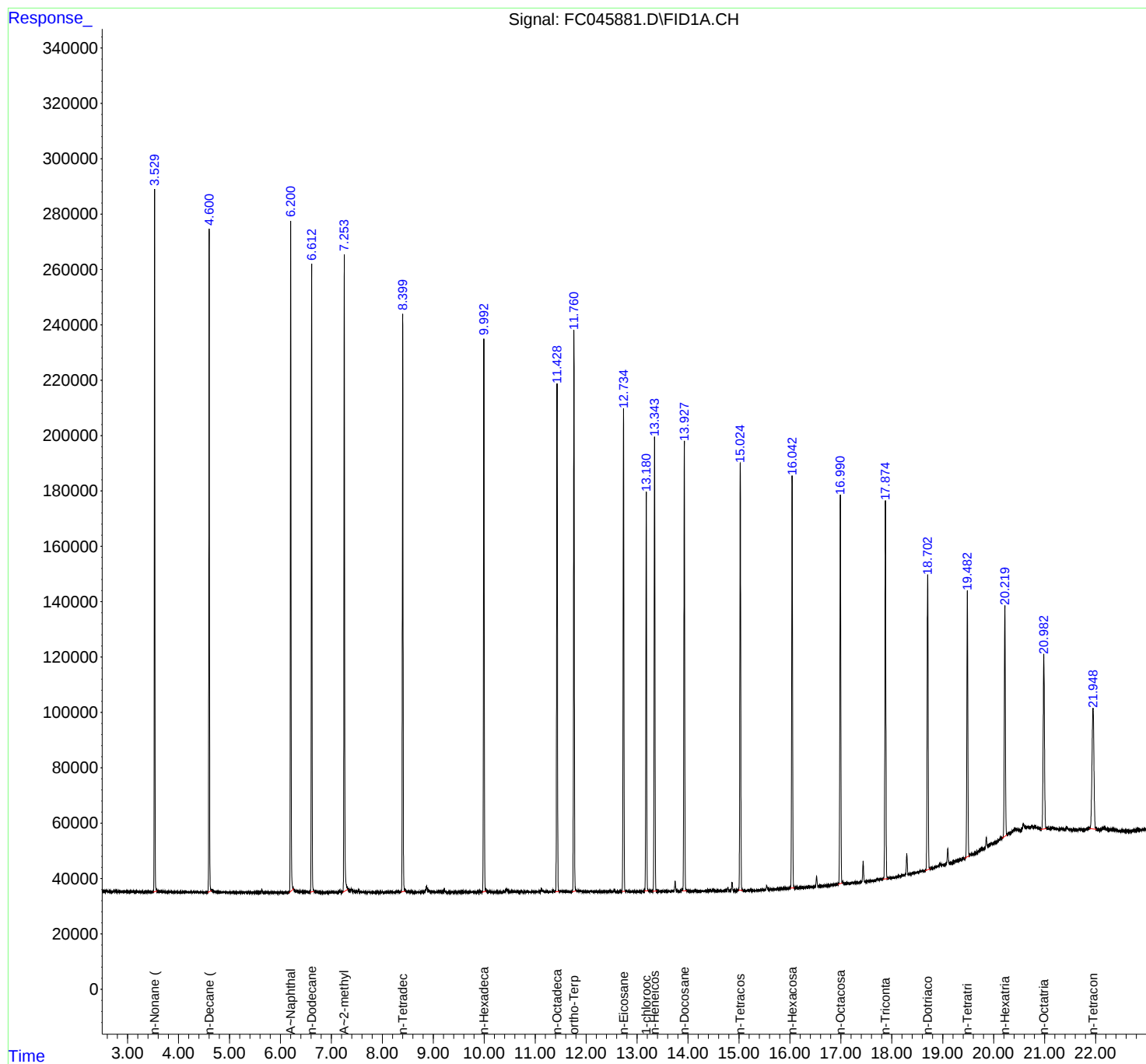
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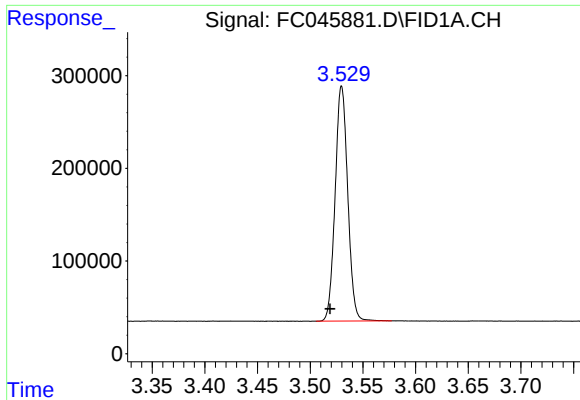
(m)=manual int.

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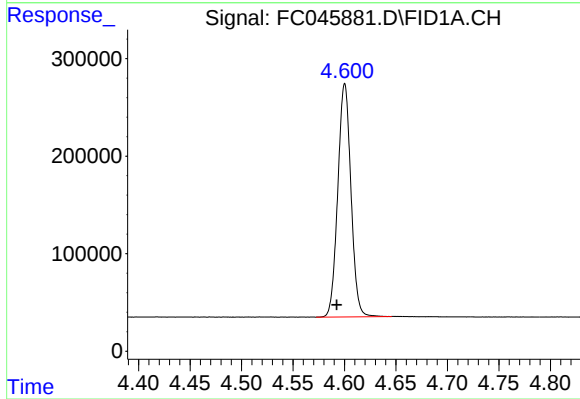
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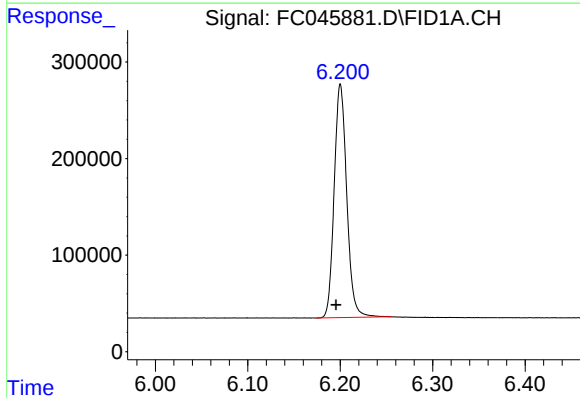
#1 n-Nonane (C9)

R.T.: 3.530 min
Delta R.T.: 0.011 min
Response: 2109737
Conc: 21.81 ug/ml



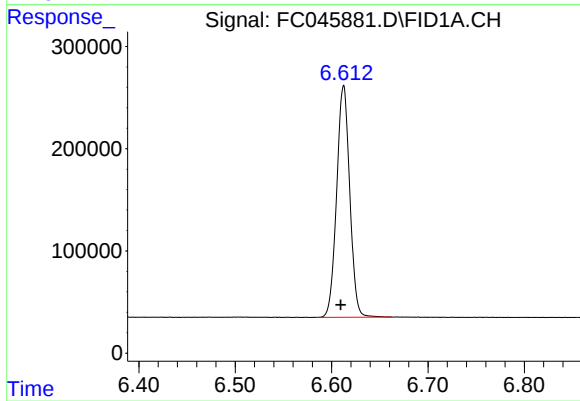
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.008 min
Response: 2128597
Conc: 21.98 ug/ml



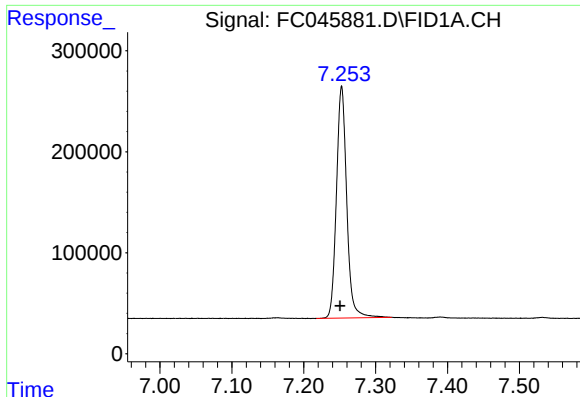
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 2283666
Conc: 21.38 ug/ml



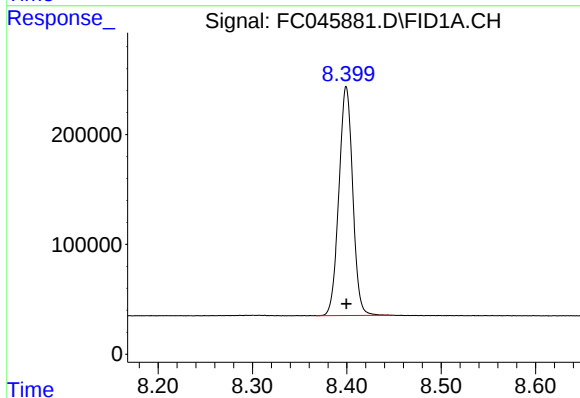
#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2142642
Conc: 21.92 ug/ml



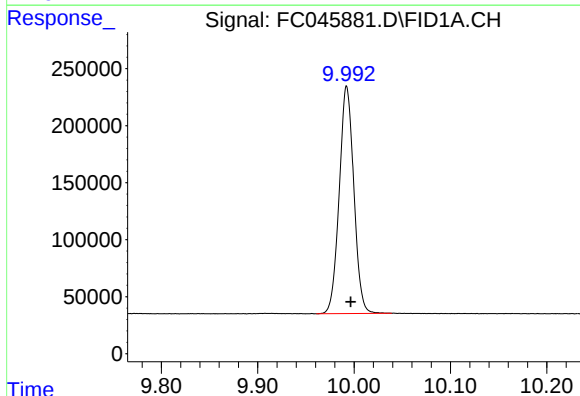
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.002 min
Response: 2281183
Conc: 21.28 ug/ml



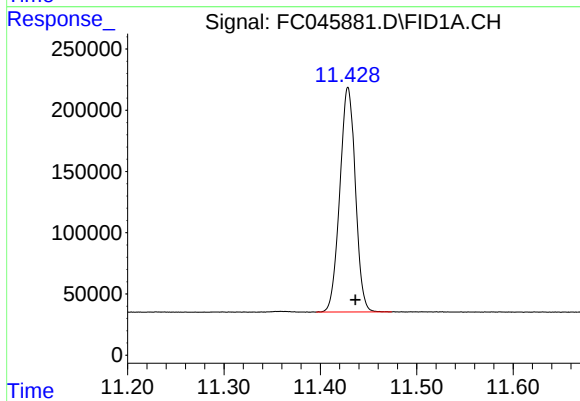
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.000 min
Response: 2121758
Conc: 21.53 ug/ml



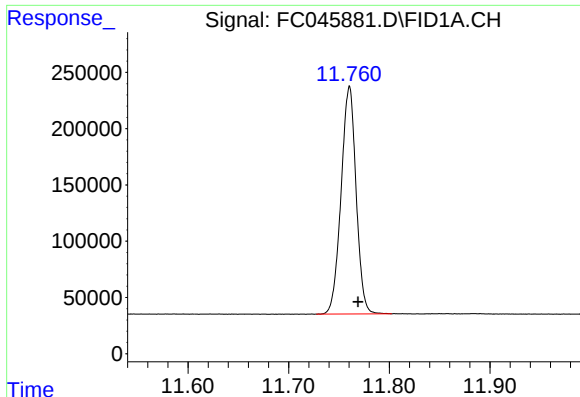
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: -0.004 min
Response: 2092278
Conc: 20.90 ug/ml



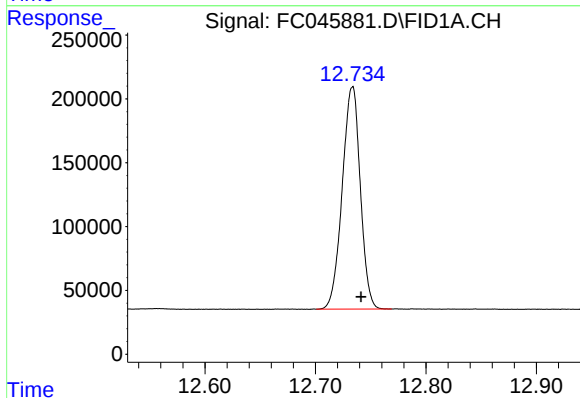
#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: -0.007 min
Response: 2052660
Conc: 20.15 ug/ml



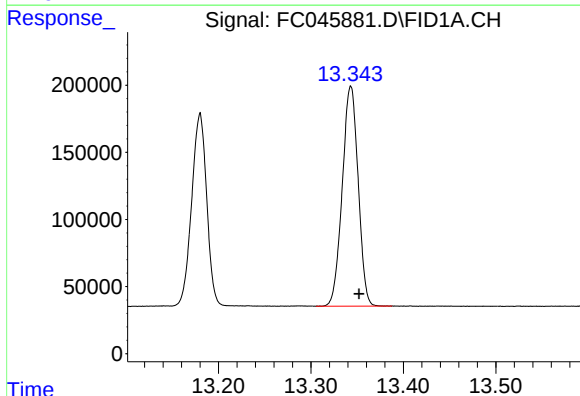
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: -0.009 min
Response: 2098203
Conc: 19.09 ug/ml



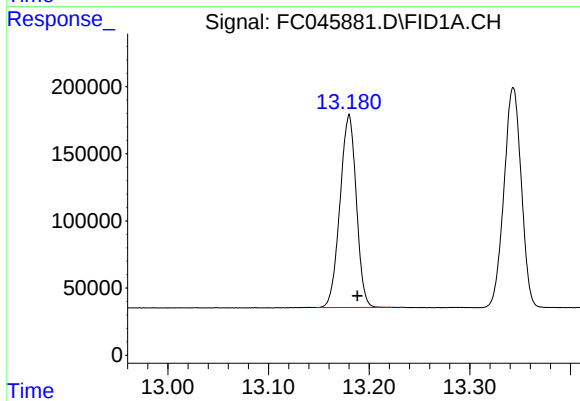
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.008 min
Response: 1981103
Conc: 19.32 ug/ml



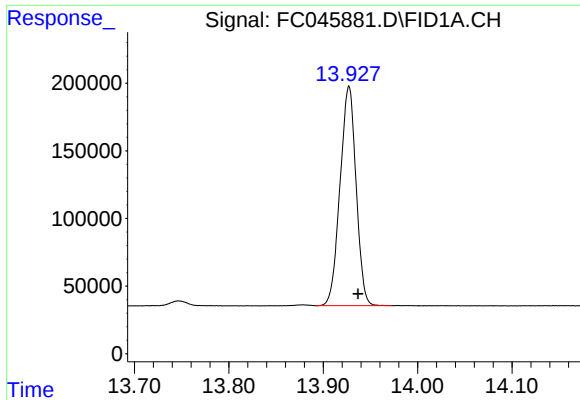
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: -0.009 min
Response: 1957753
Conc: 18.91 ug/ml



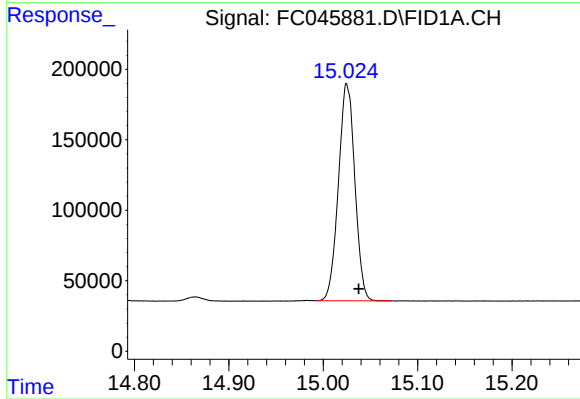
#12 1-chlorooctadecane (SURR)

R.T.: 13.180 min
Delta R.T.: -0.008 min
Response: 1617790
Conc: 18.61 ug/ml



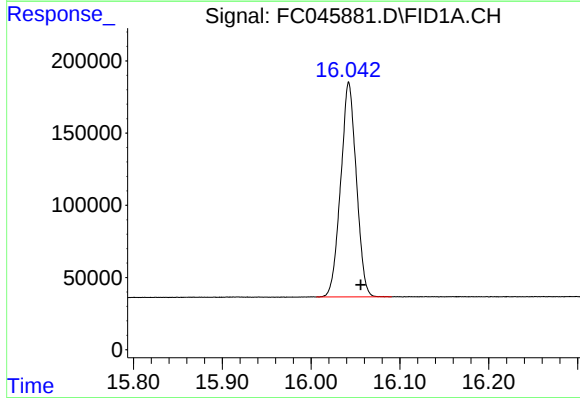
#13 n-Docosane (C22)

R.T.: 13.927 min
Delta R.T.: -0.010 min
Response: 1915961
Conc: 18.57 ug/ml



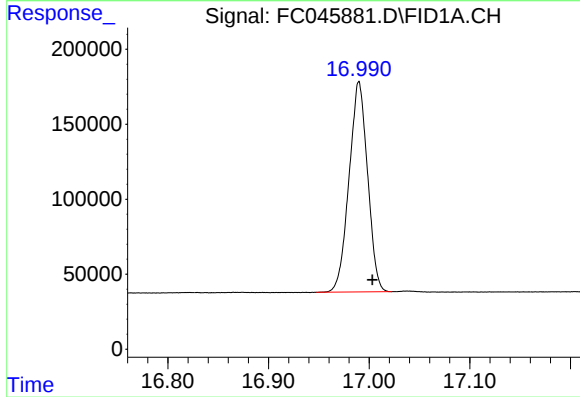
#14 n-Tetracosane (C24)

R.T.: 15.025 min
Delta R.T.: -0.013 min
Response: 1863002
Conc: 17.93 ug/ml



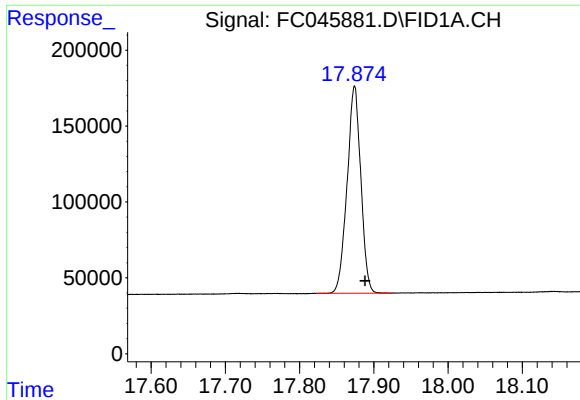
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: -0.013 min
Response: 1820545
Conc: 17.62 ug/ml



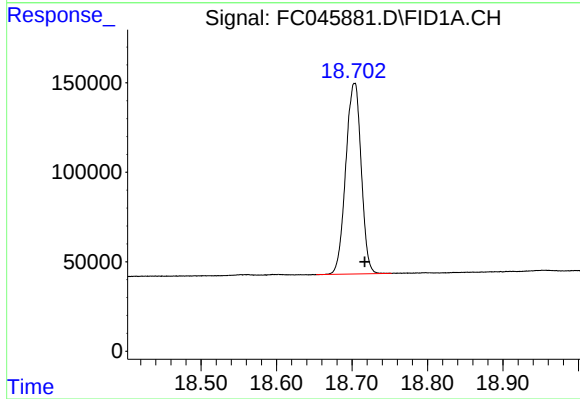
#16 n-Octacosane (C28)

R.T.: 16.990 min
Delta R.T.: -0.013 min
Response: 1792495
Conc: 17.54 ug/ml



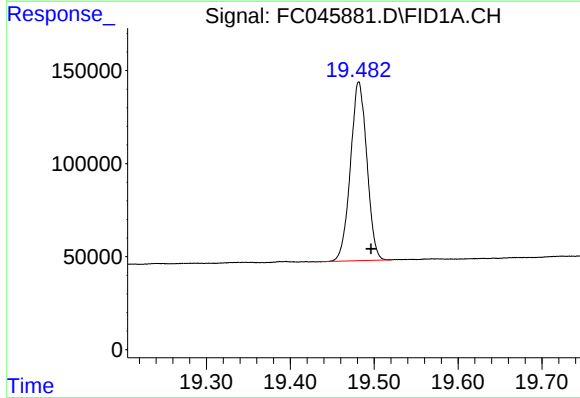
#17 n-Tricontane (C30)

R.T.: 17.874 min
Delta R.T.: -0.014 min
Response: 1752942
Conc: 17.86 ug/ml



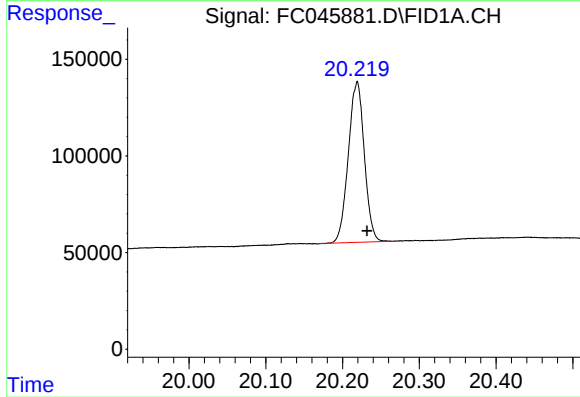
#18 n-Dotriacontane (C32)

R.T.: 18.703 min
Delta R.T.: -0.013 min
Response: 1513849
Conc: 18.19 ug/ml



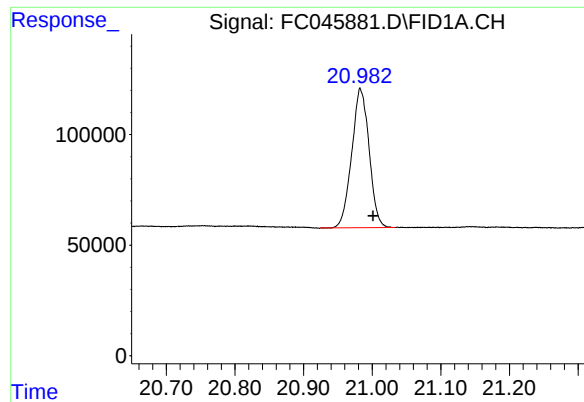
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min
Delta R.T.: -0.015 min
Response: 1303895
Conc: 18.43 ug/ml



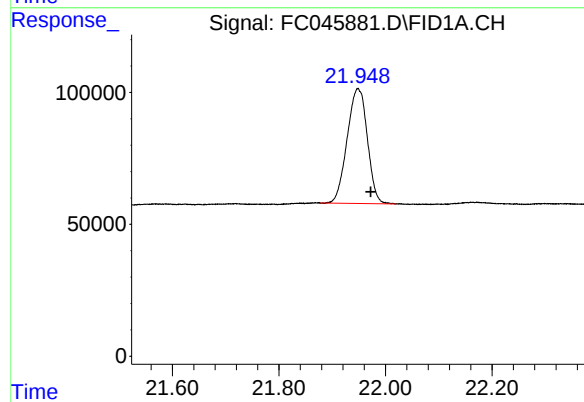
#20 n-Hexatriacontane (C36)

R.T.: 20.219 min
Delta R.T.: -0.013 min
Response: 1206570
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.983 min
Delta R.T.: -0.019 min
Response: 1106635
Conc: 18.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.948 min
Delta R.T.: -0.024 min
Response: 1146960
Conc: 19.44 ug/ml