

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092920AL\
 Data File : FC049826.D
 Signal(s) : FID1A.CH
 Acq On : 30 Sep 2020 4:42
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 30 05:41:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.662	2189314	19.055 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
12) S 1-chlorooctadecane (S...	13.095	1675260	18.808 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T n-Nonane (C9)	3.396	2224843	21.506 ug/ml
2) T n-Decane (C10)	4.469	2242078	21.586 ug/ml
3) T A~Naphthalene (C11.7)	6.067	2406343	20.929 ug/ml
4) T n-Dodecane (C12)	6.494	2243647	21.226 ug/ml
5) T A~2-methylnaphthalene...	7.126	2408923	20.604 ug/ml
6) T n-Tetradecane (C14)	8.292	2170540	20.575 ug/ml
7) T n-Hexadecane (C16)	9.895	2076143	19.950 ug/ml
8) T n-Octadecane (C18)	11.339	2098710	19.528 ug/ml
10) T n-Eicosane (C20)	12.649	2045703	19.104 ug/ml
11) T n-Heneicosane (C21)	13.262	2015490	18.939 ug/ml
13) T n-Docosane (C22)	13.848	1994591	18.848 ug/ml
14) T n-Tetracosane (C24)	14.951	1951559	18.650 ug/ml
15) T n-Hexacosane (C26)	15.971	1926516	18.845 ug/ml
16) T n-Octacosane (C28)	16.922	1943624	19.340 ug/ml
17) T n-Tricontane (C30)	17.808	1971828	20.252 ug/mlm
18) T n-Dotriacontane (C32)	18.640	1915230	21.195 ug/mlm
19) T n-Tetratriacontane (C34)	19.424	1881853	21.983 ug/mlm
20) T n-Hexatriacontane (C36)	20.161	1851757	22.985 ug/mlm
21) T n-Octatriacontane (C38)	20.913	1877040	24.794 ug/mlm
22) T n-Tetracontane (C40)	21.864	1698422	21.828 ug/ml

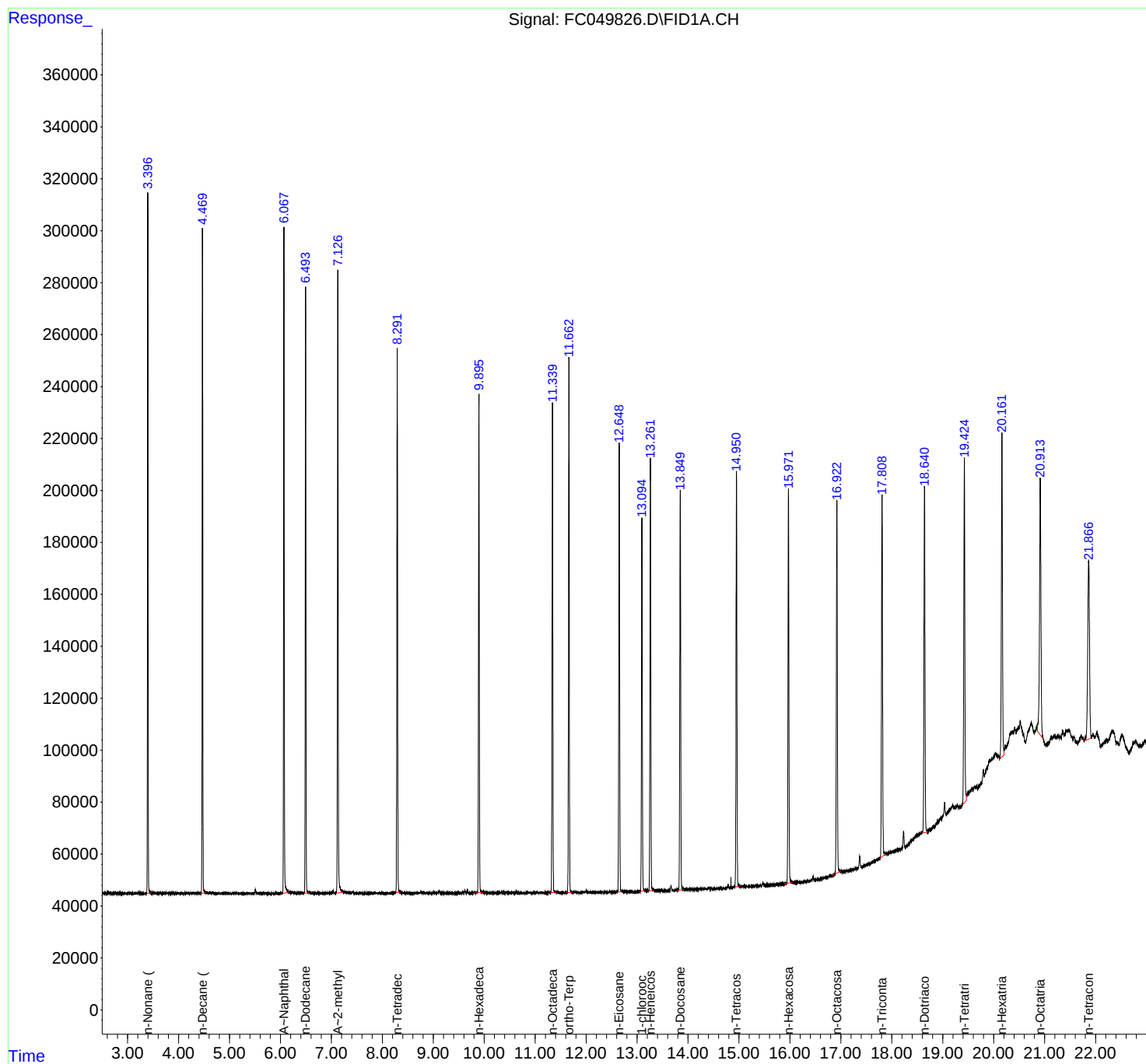
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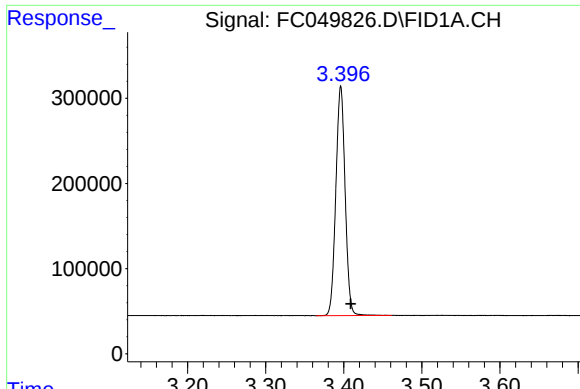
(m)=manual int.

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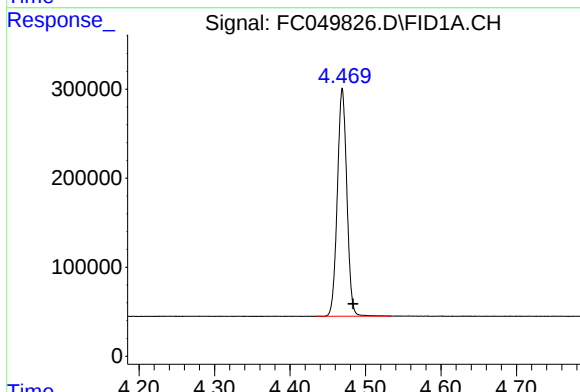
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Signal Info : 20M x 0.18mm x 0.18um





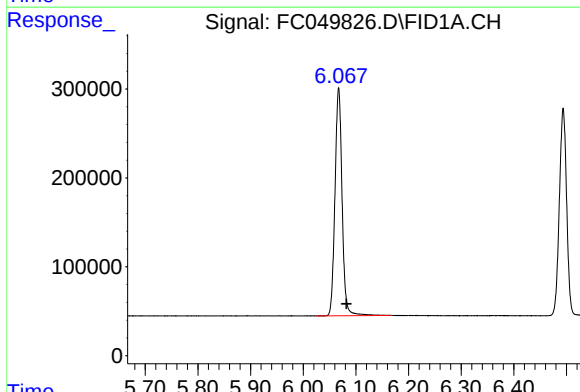
#1 n-Nonane (C9)

R.T.: 3.396 min
Delta R.T.: -0.013 min
Response: 2224843
Conc: 21.51 ug/ml



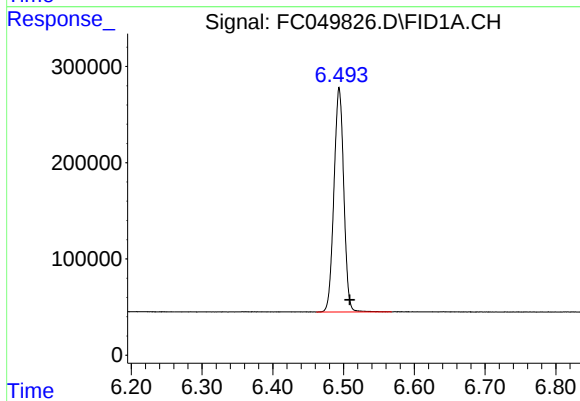
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.014 min
Response: 2242078
Conc: 21.59 ug/ml



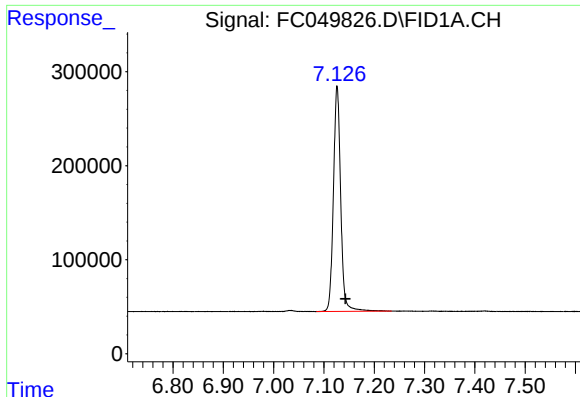
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: -0.014 min
Response: 2406343
Conc: 20.93 ug/ml



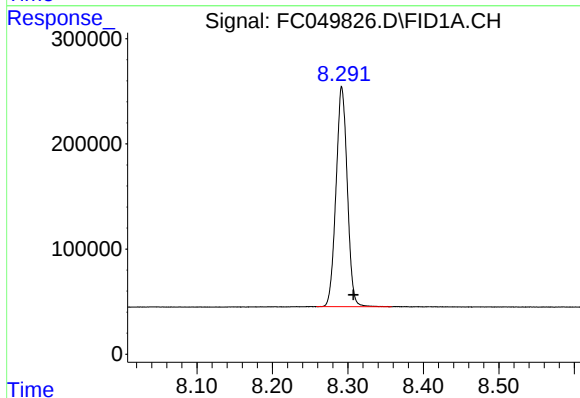
#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: -0.015 min
Response: 2243647
Conc: 21.23 ug/ml



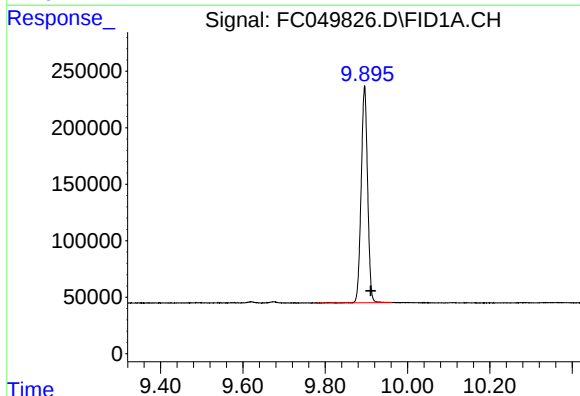
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: -0.016 min
Response: 2408923
Conc: 20.60 ug/ml



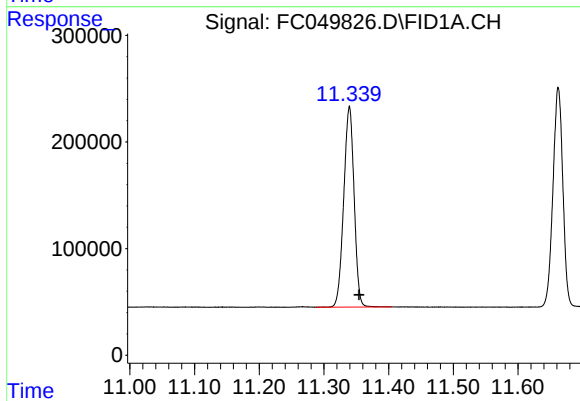
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: -0.015 min
Response: 2170540
Conc: 20.57 ug/ml



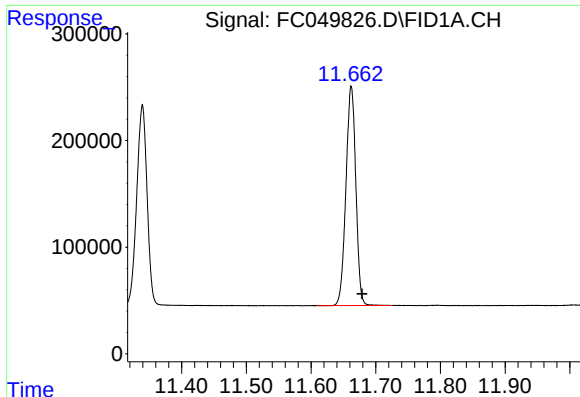
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: -0.015 min
Response: 2076143
Conc: 19.95 ug/ml



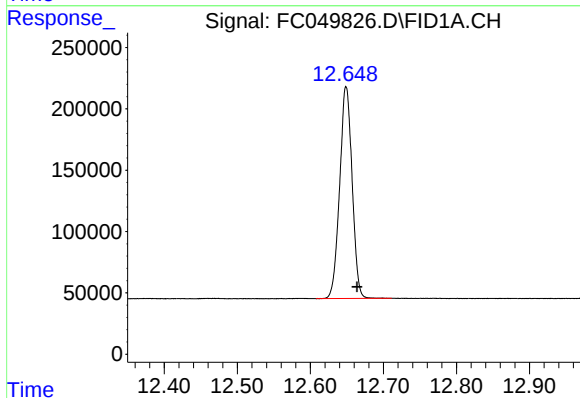
#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: -0.015 min
Response: 2098710
Conc: 19.53 ug/ml



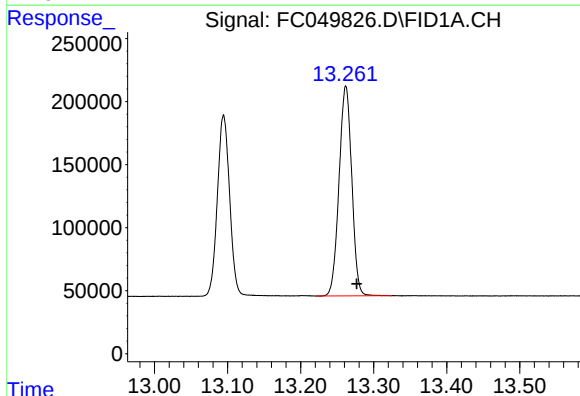
#9 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: -0.017 min
Response: 2189314
Conc: 19.05 ug/ml



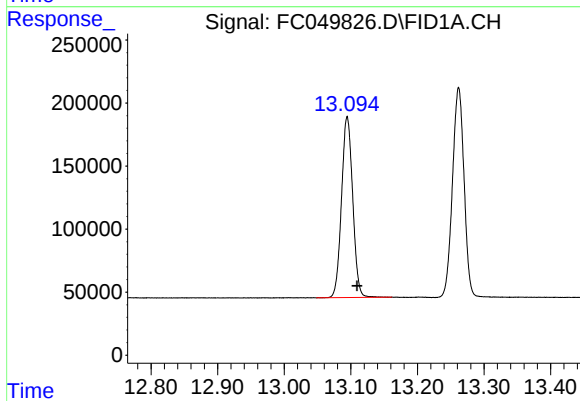
#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: -0.015 min
Response: 2045703
Conc: 19.10 ug/ml



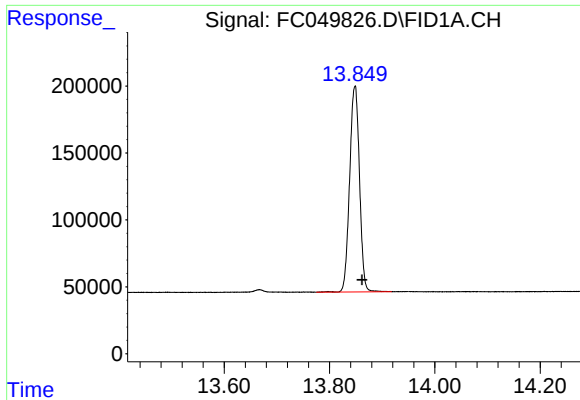
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: -0.015 min
Response: 2015490
Conc: 18.94 ug/ml



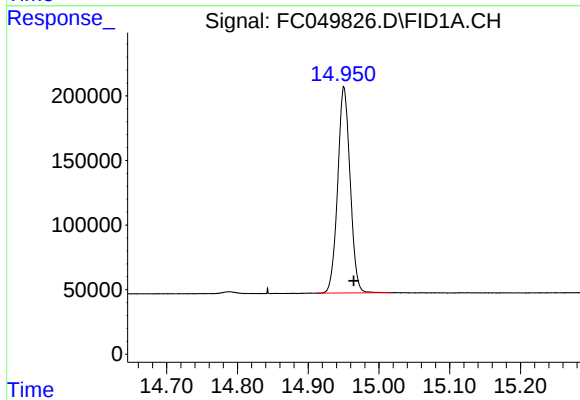
#12 1-chlorooctadecane (SURR)

R.T.: 13.095 min
Delta R.T.: -0.015 min
Response: 1675260
Conc: 18.81 ug/ml



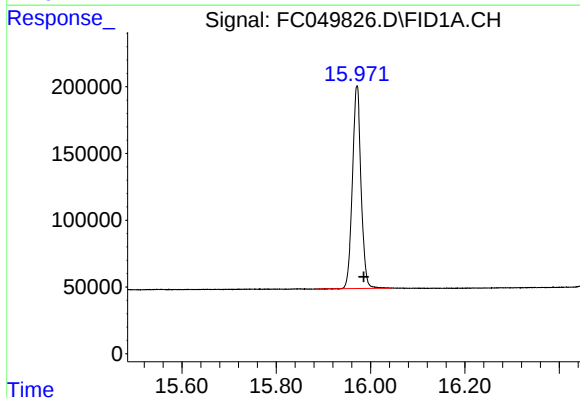
#13 n-Docosane (C22)

R.T.: 13.848 min
Delta R.T.: -0.014 min
Response: 1994591
Conc: 18.85 ug/ml



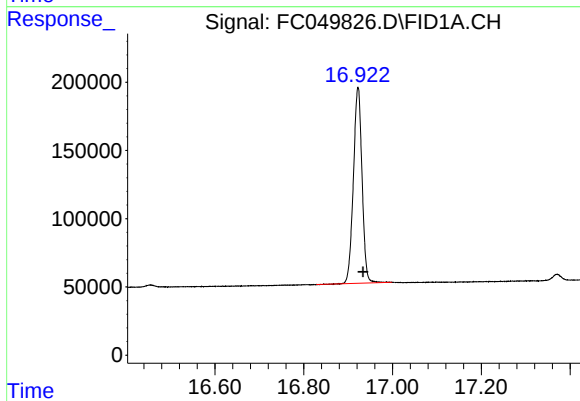
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.014 min
Response: 1951559
Conc: 18.65 ug/ml



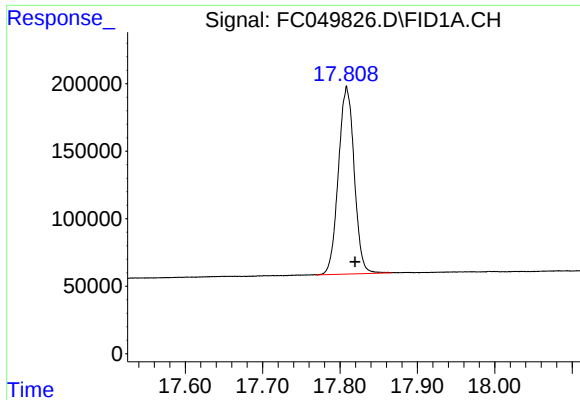
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: -0.015 min
Response: 1926516
Conc: 18.85 ug/ml



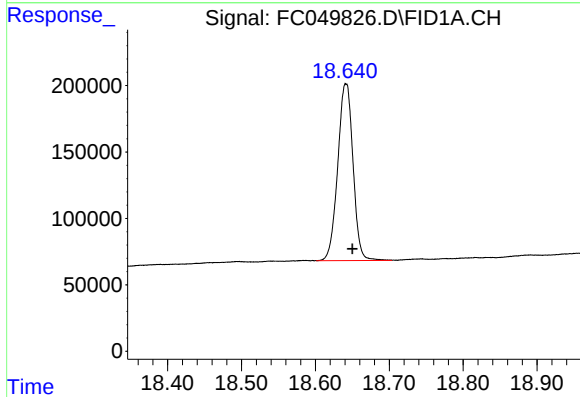
#16 n-Octacosane (C28)

R.T.: 16.922 min
Delta R.T.: -0.011 min
Response: 1943624
Conc: 19.34 ug/ml



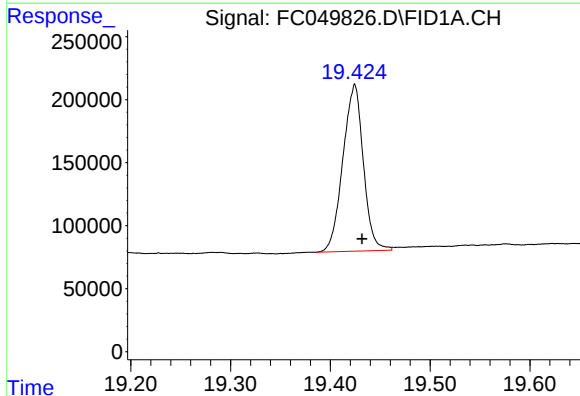
#17 n-Tricontane (C30)

R.T.: 17.808 min
Delta R.T.: -0.011 min
Response: 1971828
Conc: 20.25 ug/ml m



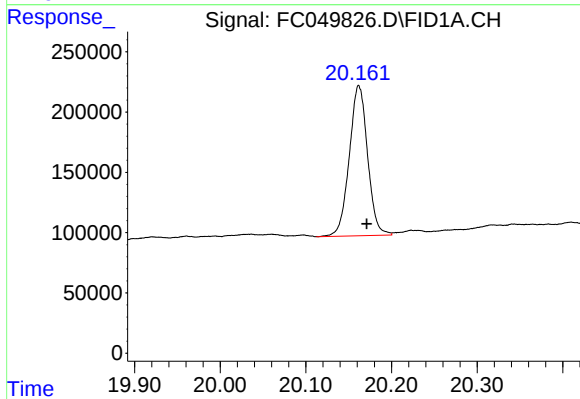
#18 n-Dotriacontane (C32)

R.T.: 18.640 min
Delta R.T.: -0.010 min
Response: 1915230
Conc: 21.20 ug/ml m



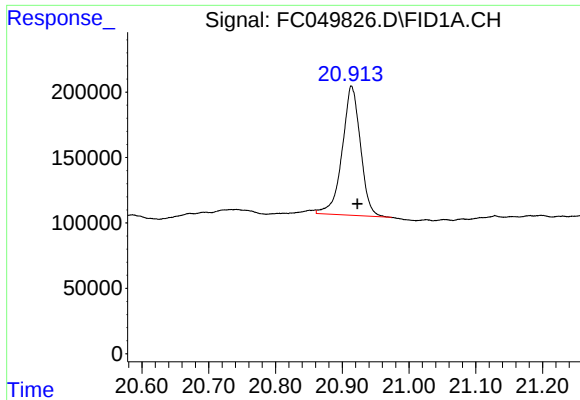
#19 n-Tetratriacontane (C34)

R.T.: 19.424 min
Delta R.T.: -0.008 min
Response: 1881853
Conc: 21.98 ug/ml m



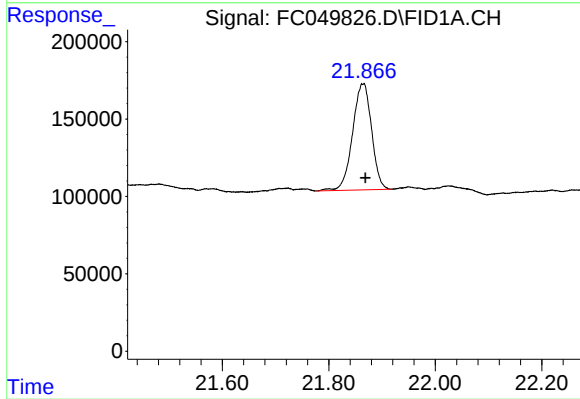
#20 n-Hexatriacontane (C36)

R.T.: 20.161 min
Delta R.T.: -0.010 min
Response: 1851757
Conc: 22.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.010 min
Response: 1877040
Conc: 24.79 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: -0.005 min
Response: 1698422
Conc: 21.83 ug/ml