

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121121AL\
 Data File : FC057423.D
 Signal(s) : FID1A.CH
 Acq On : 12 Dec 2021 12:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 00:41:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 09 22:19:01 2021
 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)	11.563	2081137	20.624 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
12) S 1-chlorooctadecane (S...	12.993	1549906	20.412 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
Target Compounds			
1) T n-Nonane (C9)	3.332	1906642	20.267 ug/mlm
2) T n-Decane (C10)	4.398	1944631	20.776 ug/ml
3) T A~Naphthalene (C11.7)	5.990	1985178	20.200 ug/ml
4) T n-Dodecane (C12)	6.413	1948200	20.392 ug/ml
5) T A~2-methylnaphthalene...	7.046	1961027	20.043 ug/ml
6) T n-Tetradecane (C14)	8.204	1953806	20.339 ug/ml
7) T n-Hexadecane (C16)	9.800	1954334	20.163 ug/mlm
8) T n-Octadecane (C18)	11.241	2002898	20.333 ug/ml
10) T n-Eicosane (C20)	12.547	1963930	20.407 ug/ml
11) T n-Heneicosane (C21)	13.158	1963924	20.535 ug/ml
13) T n-Docosane (C22)	13.743	1933943	20.747 ug/ml
14) T n-Tetracosane (C24)	14.842	1894829	20.634 ug/mlm
15) T n-Hexacosane (C26)	15.860	1834449	21.221 ug/ml
16) T n-Octacosane (C28)	16.807	1807086	21.192 ug/ml
17) T n-Tricontane (C30)	17.692	1791166	21.427 ug/ml
18) T n-Dotriacontane (C32)	18.521	1730788	21.162 ug/ml
19) T n-Tetratriacontane (C34)	19.302	1676791	20.433 ug/ml
20) T n-Hexatriacontane (C36)	20.039	1568382	19.664 ug/mlm
21) T n-Octatriacontane (C38)	20.768	1458614	19.210 ug/ml
22) T n-Tetracontane (C40)	21.663	1432743	19.168 ug/ml

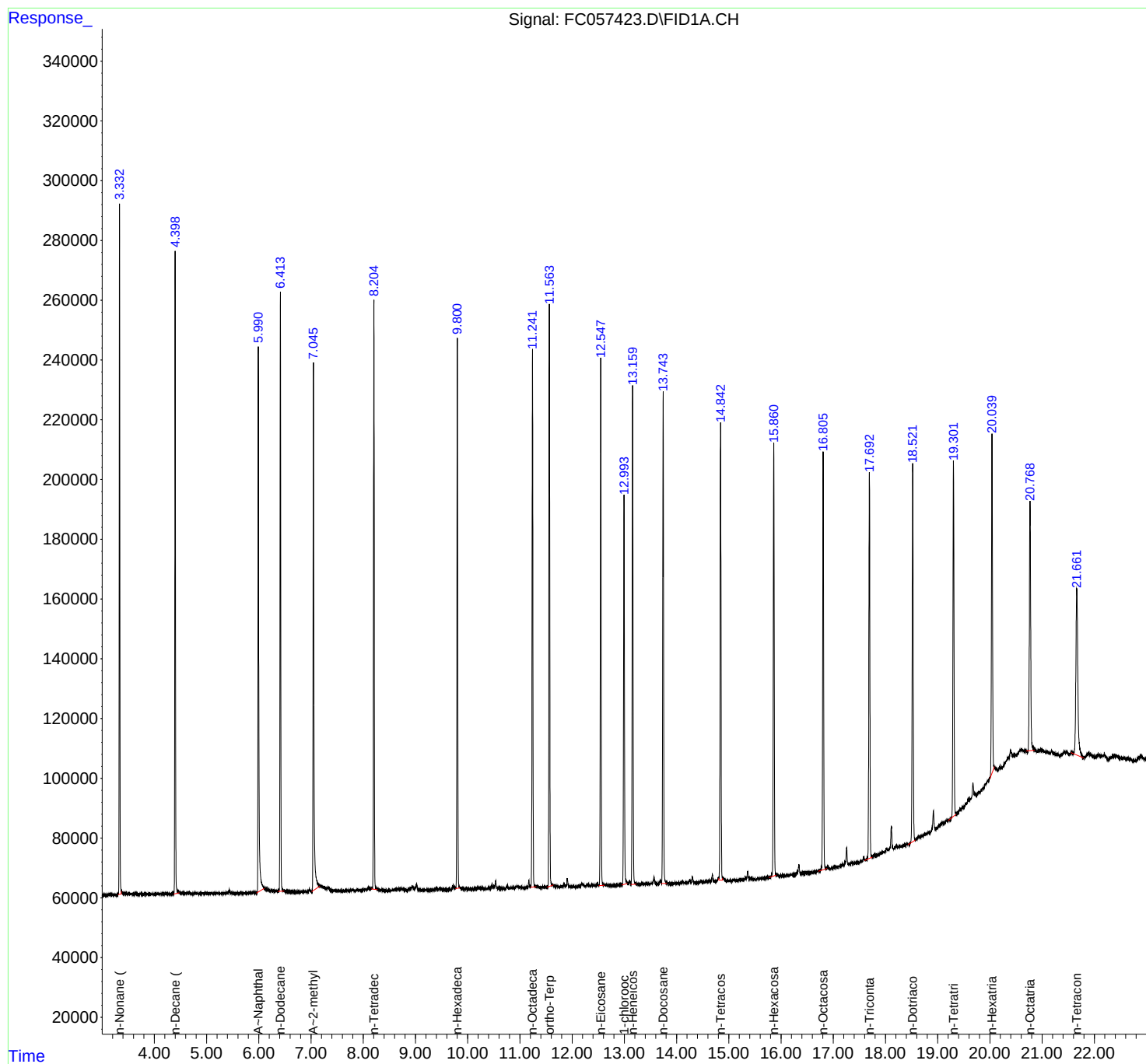
(f)=RT Delta > 1/2 Window

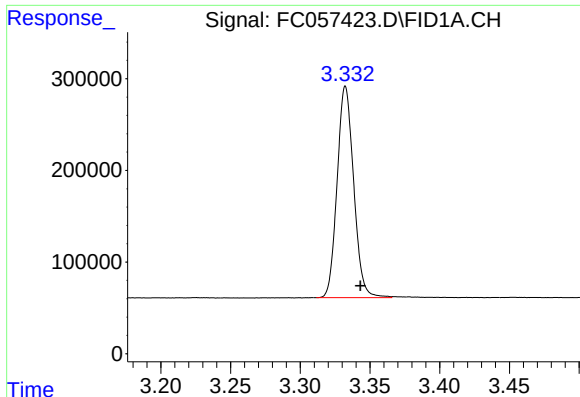
(m)=manual int.

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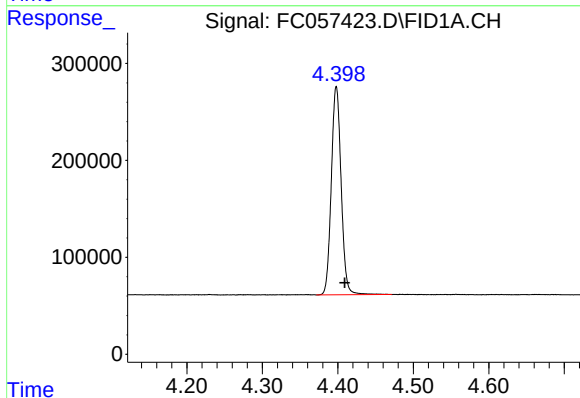
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





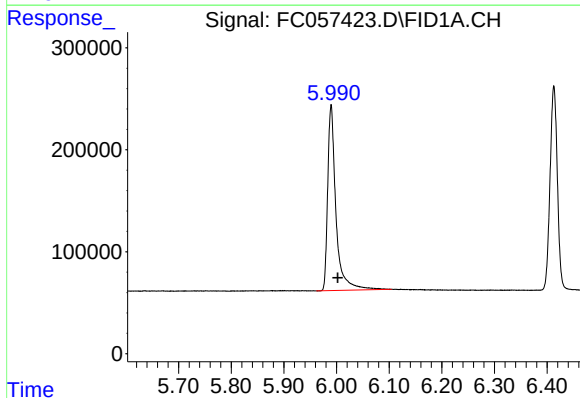
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.011 min
Response: 1906642
Conc: 20.27 ug/ml m



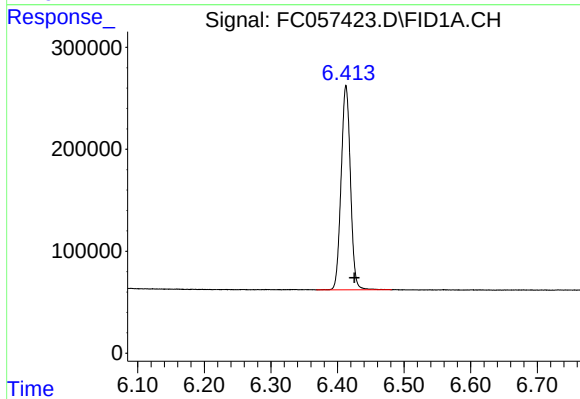
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.011 min
Response: 1944631
Conc: 20.78 ug/ml



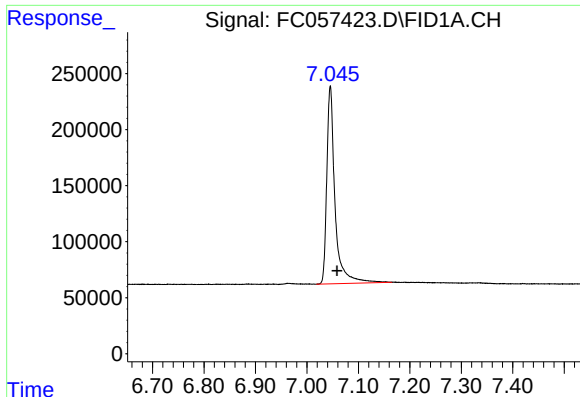
#3 A~Naphthalene (C11.7)

R.T.: 5.990 min
Delta R.T.: -0.012 min
Response: 1985178
Conc: 20.20 ug/ml



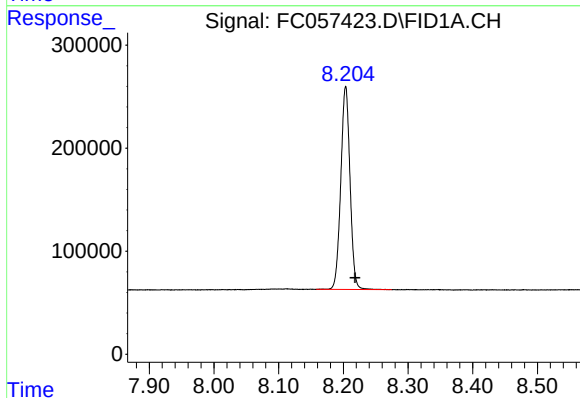
#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: -0.012 min
Response: 1948200
Conc: 20.39 ug/ml



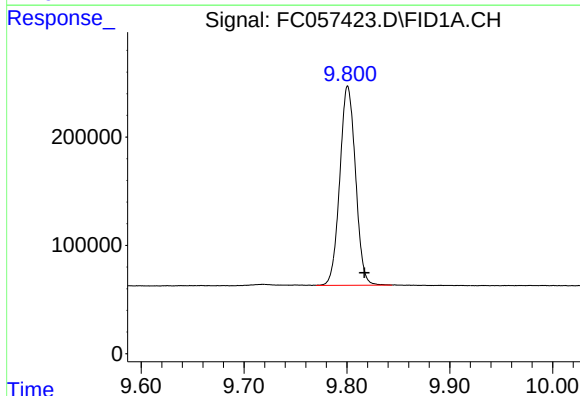
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.046 min
Delta R.T.: -0.013 min
Response: 1961027
Conc: 20.04 ug/ml



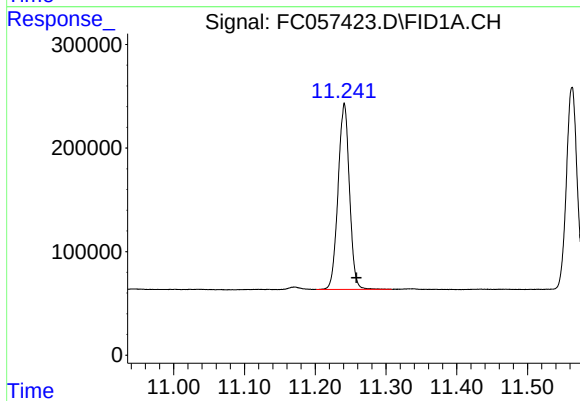
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.015 min
Response: 1953806
Conc: 20.34 ug/ml



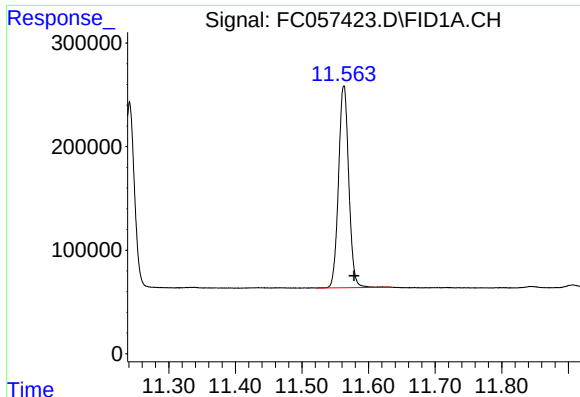
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.016 min
Response: 1954334
Conc: 20.16 ug/ml m



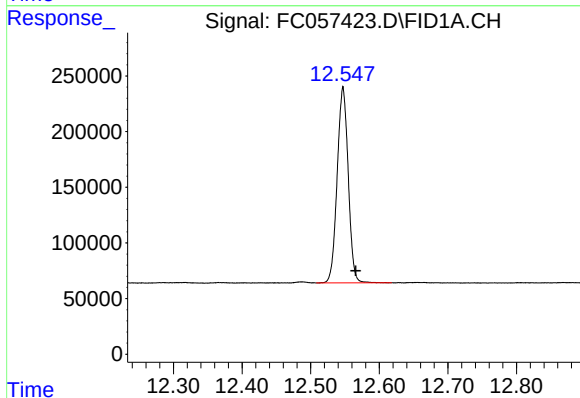
#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: -0.017 min
Response: 2002898
Conc: 20.33 ug/ml



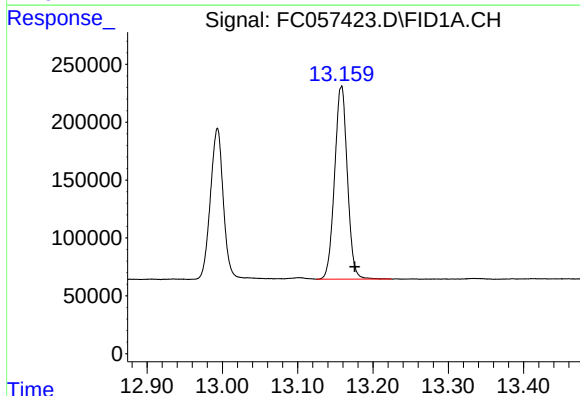
#9 ortho-Terphenyl (SURR)

R.T.: 11.563 min
Delta R.T.: -0.015 min
Response: 2081137
Conc: 20.62 ug/ml



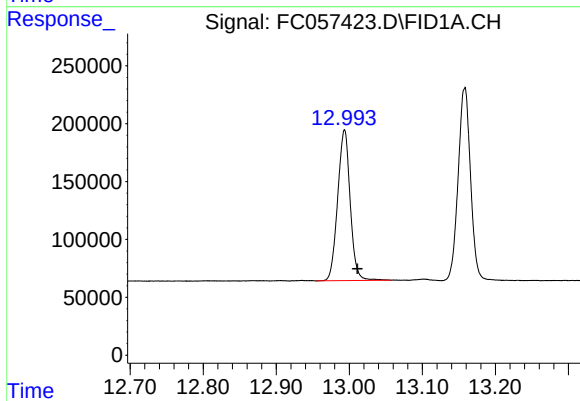
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: -0.019 min
Response: 1963930
Conc: 20.41 ug/ml



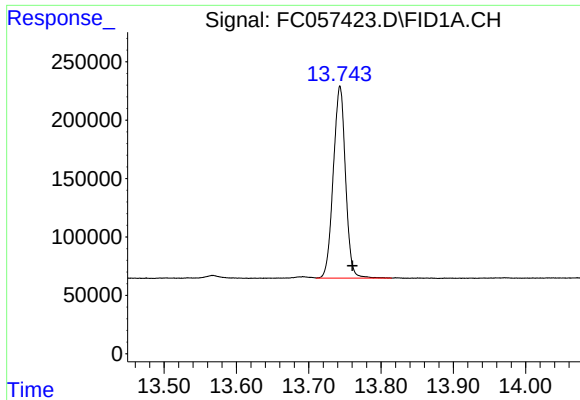
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.018 min
Response: 1963924
Conc: 20.54 ug/ml



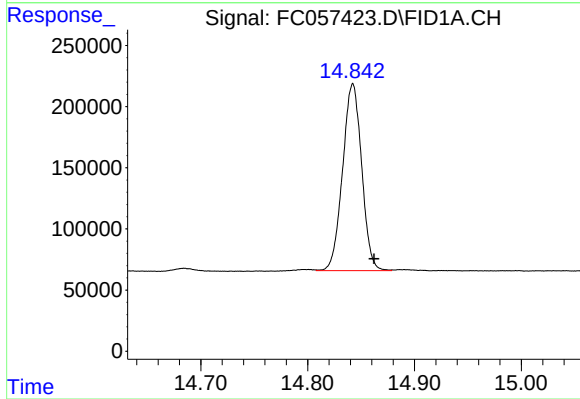
#12 1-chlorooctadecane (SURR)

R.T.: 12.993 min
Delta R.T.: -0.018 min
Response: 1549906
Conc: 20.41 ug/ml



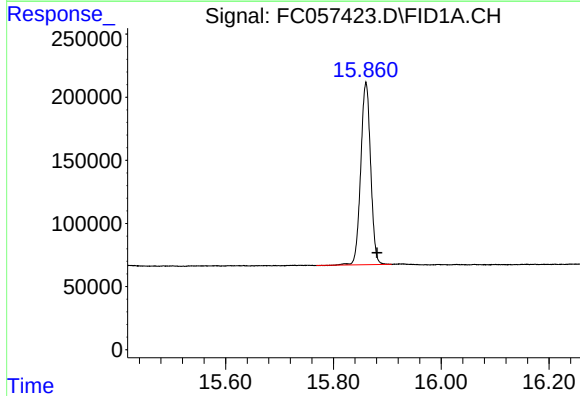
#13 n-Docosane (C22)

R.T.: 13.743 min
Delta R.T.: -0.017 min
Response: 1933943
Conc: 20.75 ug/ml



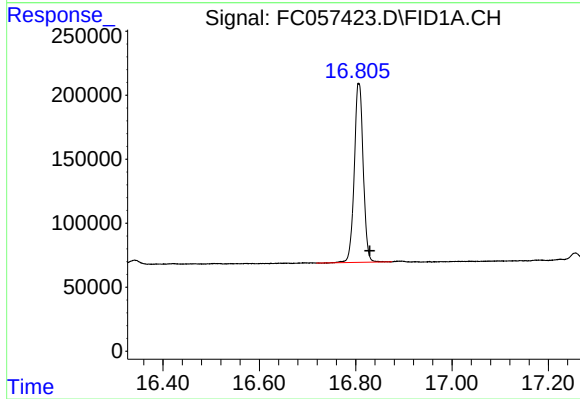
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: -0.020 min
Response: 1894829
Conc: 20.63 ug/ml m



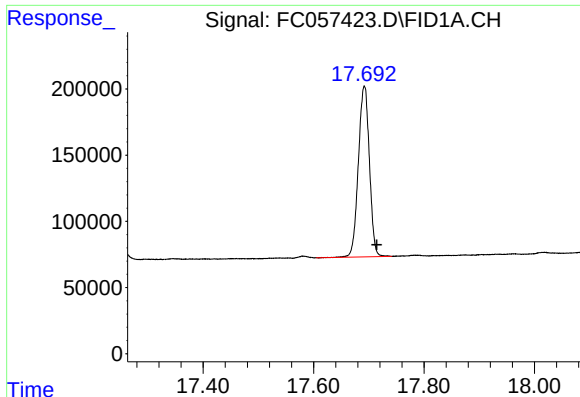
#15 n-Hexacosane (C26)

R.T.: 15.860 min
Delta R.T.: -0.021 min
Response: 1834449
Conc: 21.22 ug/ml



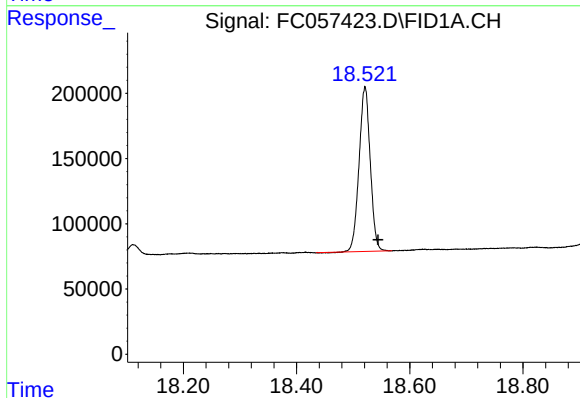
#16 n-Octacosane (C28)

R.T.: 16.807 min
Delta R.T.: -0.023 min
Response: 1807086
Conc: 21.19 ug/ml



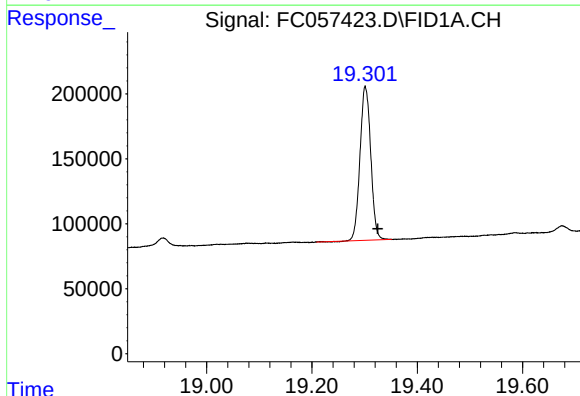
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: -0.022 min
Response: 1791166
Conc: 21.43 ug/ml



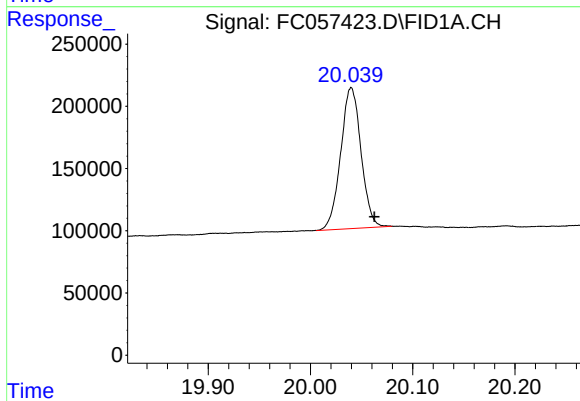
#18 n-Dotriacontane (C32)

R.T.: 18.521 min
Delta R.T.: -0.023 min
Response: 1730788
Conc: 21.16 ug/ml



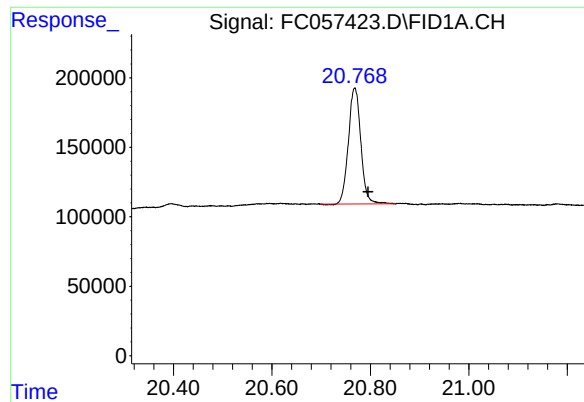
#19 n-Tetratriacontane (C34)

R.T.: 19.302 min
Delta R.T.: -0.023 min
Response: 1676791
Conc: 20.43 ug/ml



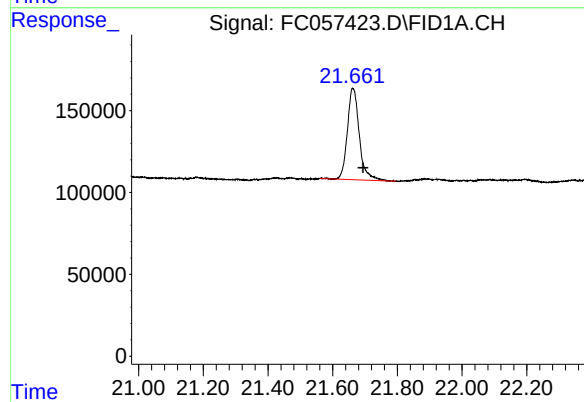
#20 n-Hexatriacontane (C36)

R.T.: 20.039 min
Delta R.T.: -0.023 min
Response: 1568382
Conc: 19.66 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.768 min
Delta R.T.: -0.027 min
Response: 1458614
Conc: 19.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.663 min
Delta R.T.: -0.031 min
Response: 1432743
Conc: 19.17 ug/ml