

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092520AL\
 Data File : FC049775.D
 Signal(s) : FID1A.CH
 Acq On : 25 Sep 2020 9:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 00:48:04 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)	11.659	2223111	19.349 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
12) S 1-chlorooctadecane (S...	13.093	1698283	19.066 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T n-Nonane (C9)	3.397	2192225	21.191 ug/ml
2) T n-Decane (C10)	4.470	2227491	21.446 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2397701	20.854 ug/ml
4) T n-Dodecane (C12)	6.493	2231779	21.113 ug/ml
5) T A~2-methylnaphthalene...	7.126	2408043	20.596 ug/ml
6) T n-Tetradecane (C14)	8.291	2183971	20.702 ug/ml
7) T n-Hexadecane (C16)	9.893	2096096	20.142 ug/ml
8) T n-Octadecane (C18)	11.337	2128854	19.809 ug/ml
10) T n-Eicosane (C20)	12.646	2081381	19.438 ug/ml
11) T n-Heneicosane (C21)	13.259	2048517	19.250 ug/ml
13) T n-Docosane (C22)	13.844	2028929	19.173 ug/ml
14) T n-Tetracosane (C24)	14.948	2011010	19.218 ug/ml
15) T n-Hexacosane (C26)	15.968	1981206	19.380 ug/ml
16) T n-Octacosane (C28)	16.917	2010963	20.010 ug/ml
17) T n-Tricontane (C30)	17.804	2025022	20.798 ug/ml
18) T n-Dotriacontane (C32)	18.634	1939637	21.465 ug/ml
19) T n-Tetratriacontane (C34)	19.416	1848940	21.599 ug/ml
20) T n-Hexatriacontane (C36)	20.155	1754581	21.778 ug/ml
21) T n-Octatriacontane (C38)	20.906	1672292	22.089 ug/ml
22) T n-Tetracontane (C40)	21.851	1686743	21.678 ug/ml

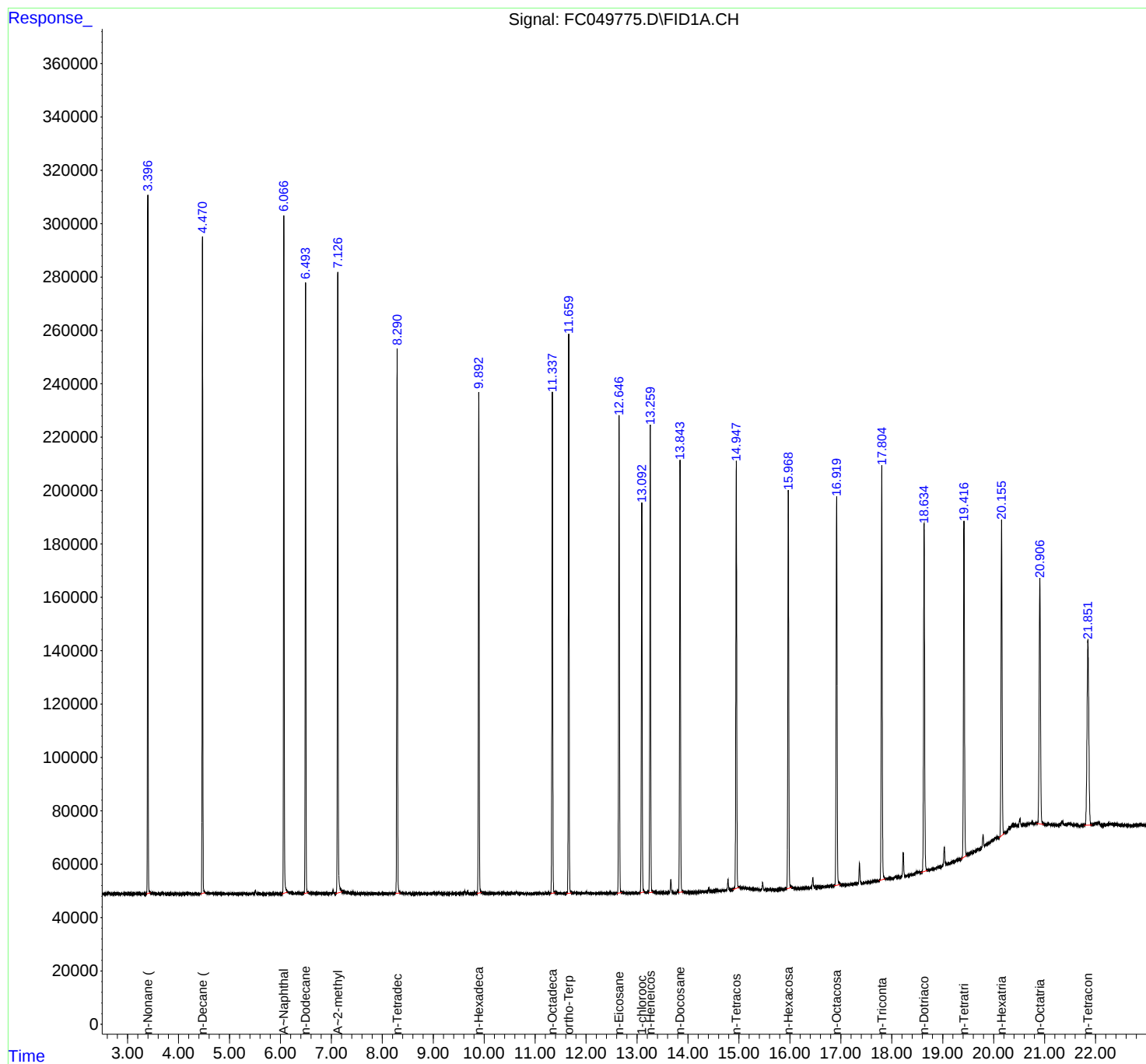
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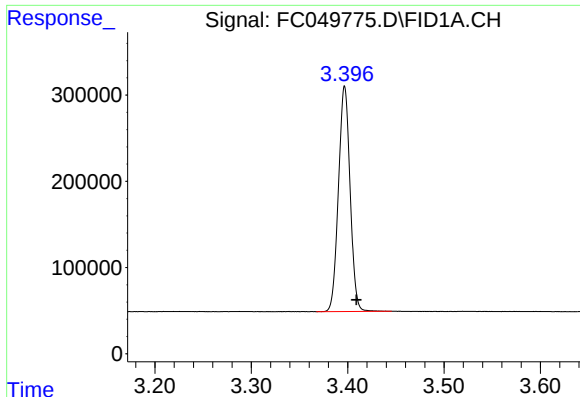
(m)=manual int.

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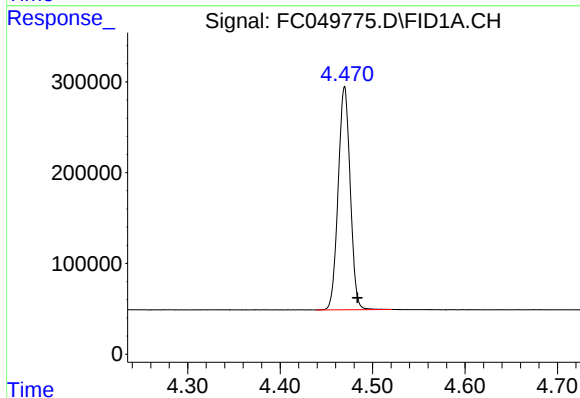
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





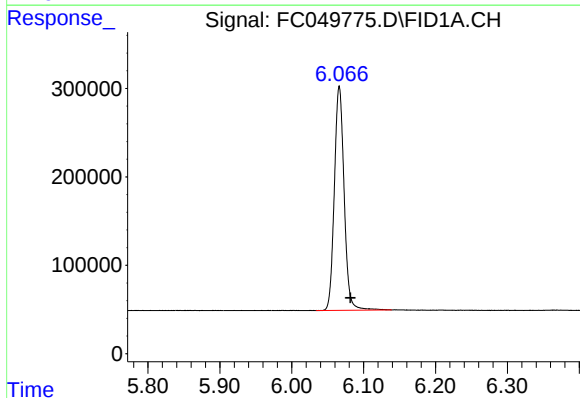
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.012 min
Response: 2192225
Conc: 21.19 ug/ml



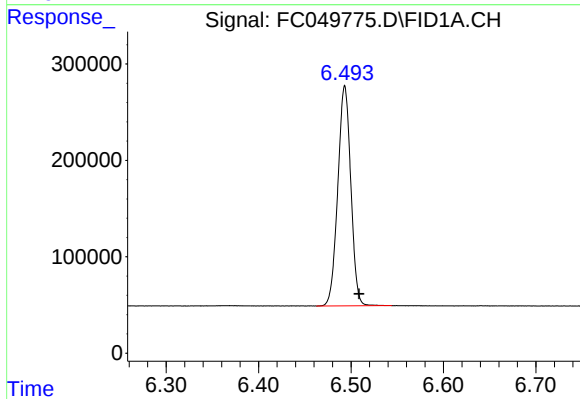
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.014 min
Response: 2227491
Conc: 21.45 ug/ml



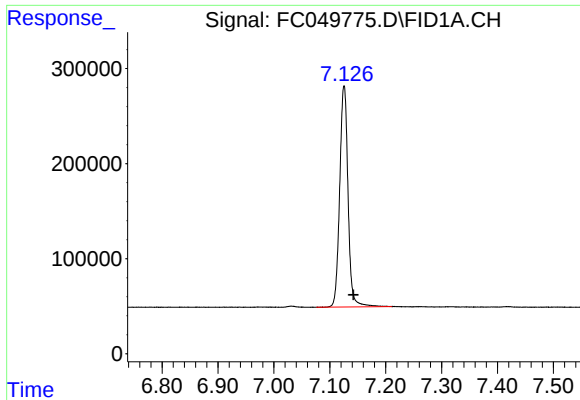
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: -0.016 min
Response: 2397701
Conc: 20.85 ug/ml



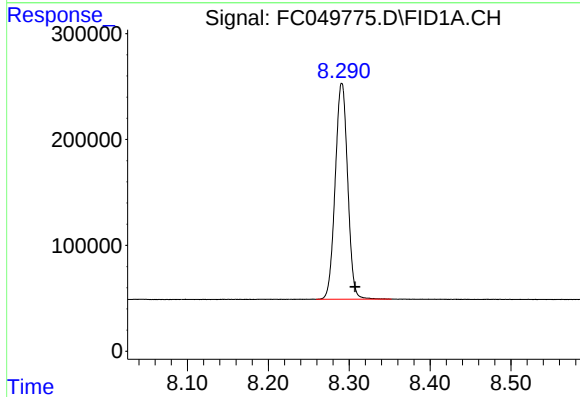
#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: -0.015 min
Response: 2231779
Conc: 21.11 ug/ml



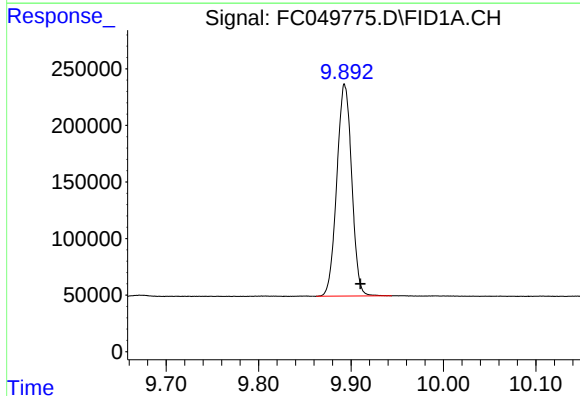
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: -0.017 min
Response: 2408043
Conc: 20.60 ug/ml



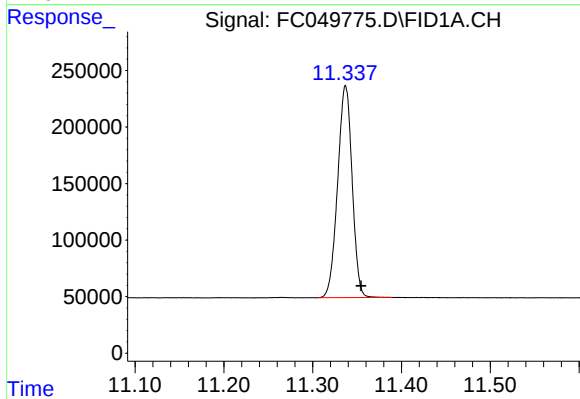
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.016 min
Response: 2183971
Conc: 20.70 ug/ml



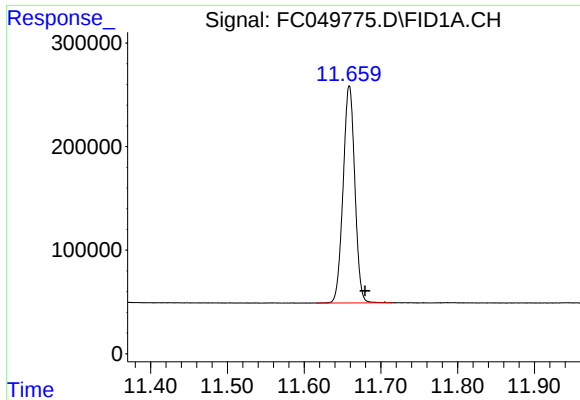
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: -0.017 min
Response: 2096096
Conc: 20.14 ug/ml



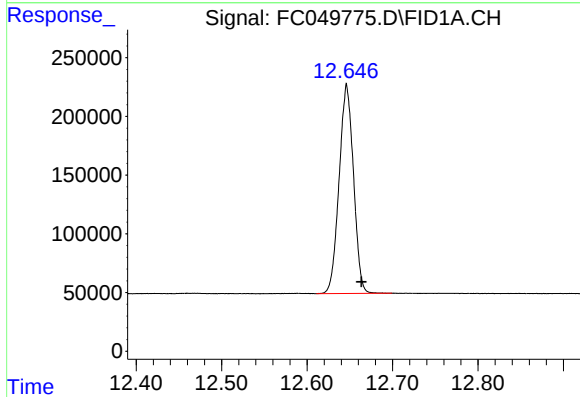
#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.017 min
Response: 2128854
Conc: 19.81 ug/ml



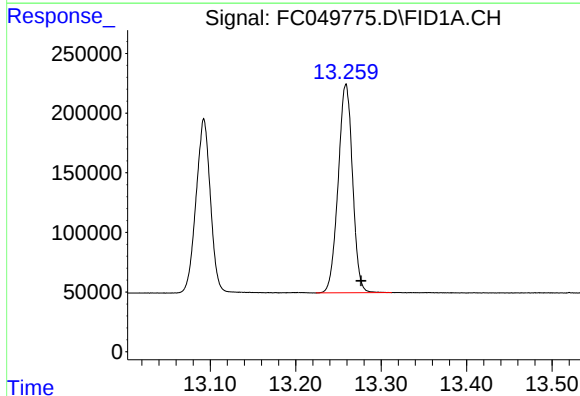
#9 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: -0.020 min
Response: 2223111
Conc: 19.35 ug/ml



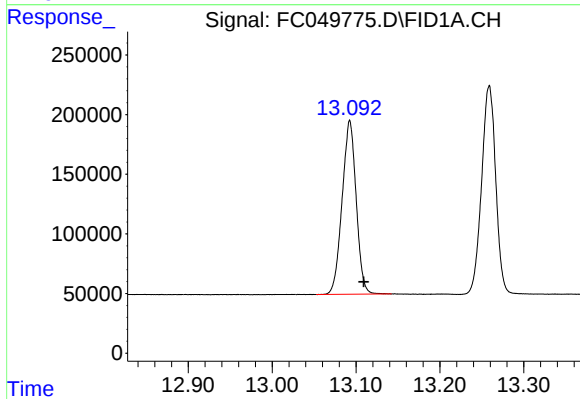
#10 n-Eicosane (C20)

R.T.: 12.646 min
Delta R.T.: -0.017 min
Response: 2081381
Conc: 19.44 ug/ml



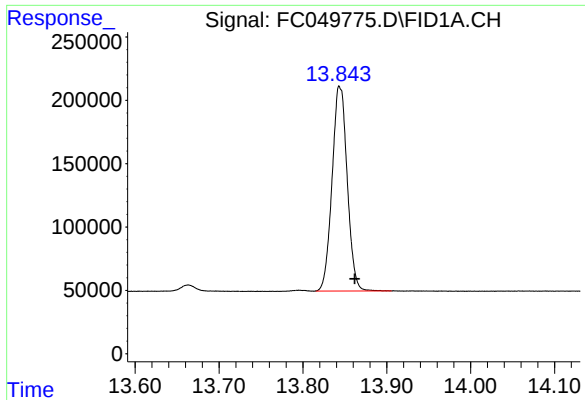
#11 n-Heneicosane (C21)

R.T.: 13.259 min
Delta R.T.: -0.018 min
Response: 2048517
Conc: 19.25 ug/ml



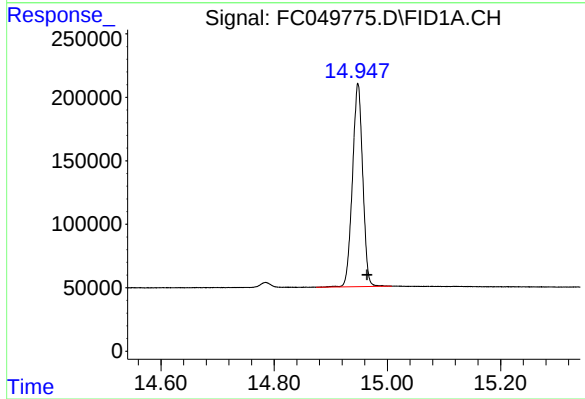
#12 1-chlorooctadecane (SURR)

R.T.: 13.093 min
Delta R.T.: -0.017 min
Response: 1698283
Conc: 19.07 ug/ml



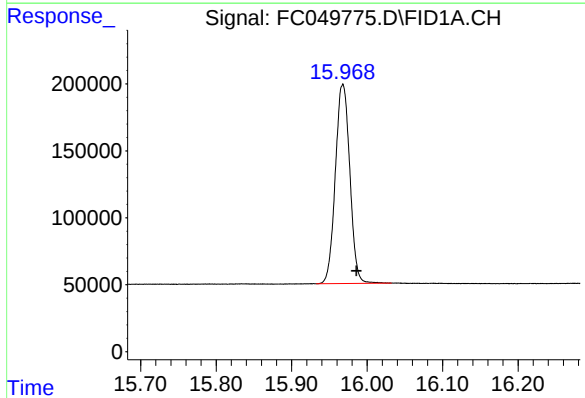
#13 n-Docosane (C22)

R.T.: 13.844 min
Delta R.T.: -0.018 min
Response: 2028929
Conc: 19.17 ug/ml



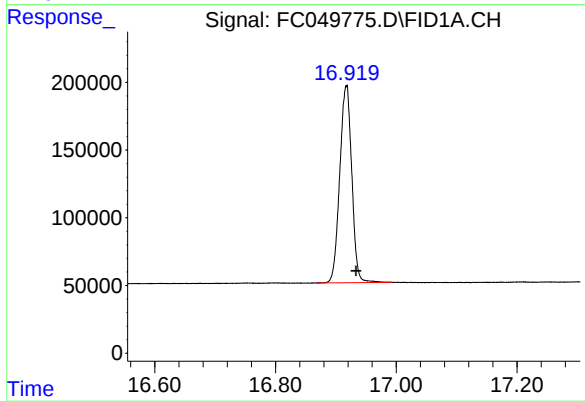
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: -0.016 min
Response: 2011010
Conc: 19.22 ug/ml



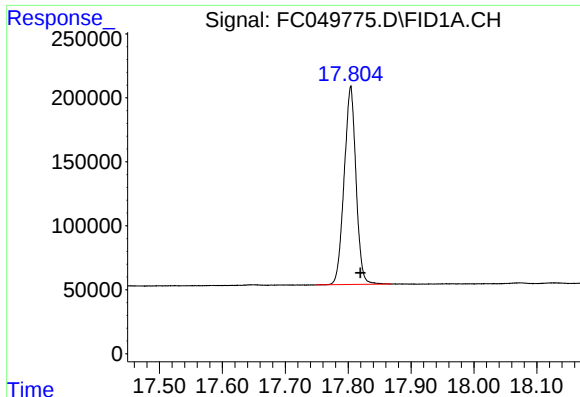
#15 n-Hexacosane (C26)

R.T.: 15.968 min
Delta R.T.: -0.018 min
Response: 1981206
Conc: 19.38 ug/ml



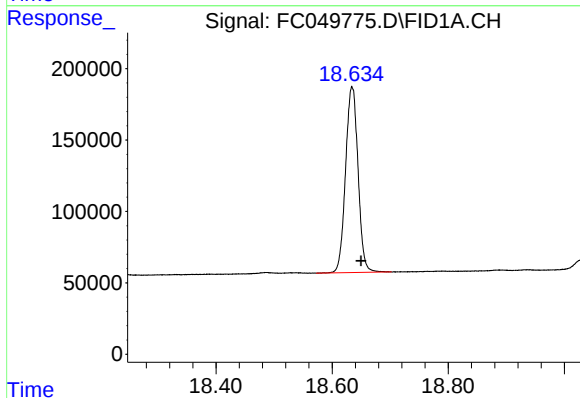
#16 n-Octacosane (C28)

R.T.: 16.917 min
Delta R.T.: -0.016 min
Response: 2010963
Conc: 20.01 ug/ml



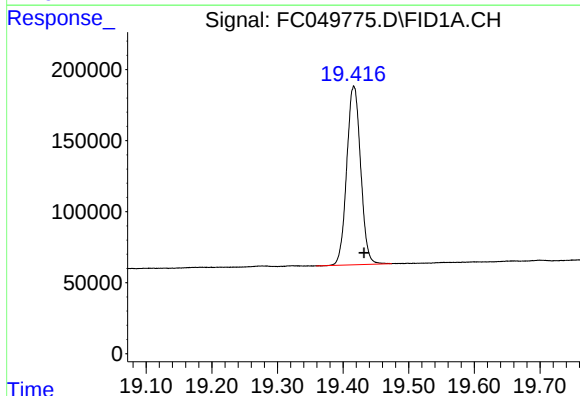
#17 n-Tricontane (C30)

R.T.: 17.804 min
Delta R.T.: -0.015 min
Response: 2025022
Conc: 20.80 ug/ml



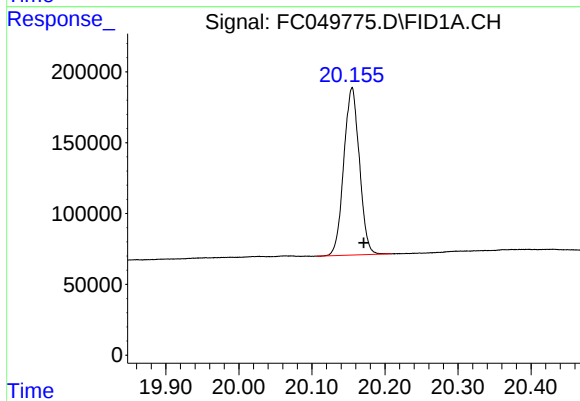
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: -0.015 min
Response: 1939637
Conc: 21.47 ug/ml



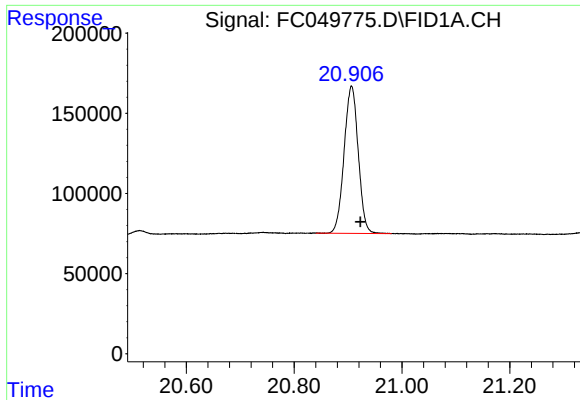
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.015 min
Response: 1848940
Conc: 21.60 ug/ml



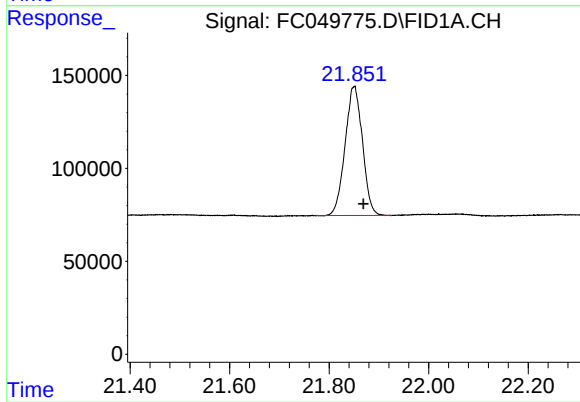
#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: -0.016 min
Response: 1754581
Conc: 21.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.906 min
Delta R.T.: -0.017 min
Response: 1672292
Conc: 22.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.851 min
Delta R.T.: -0.018 min
Response: 1686743
Conc: 21.68 ug/ml