

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030822AL\
 Data File : FC058630.D
 Signal(s) : FID1A.CH
 Acq On : 09 Mar 2022 3:12
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 09 03:41:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.397	2777322	19.068 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
12) S 1-chlorooctadecane (S...	12.830	2142360	18.900 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
Target Compounds			
1) T n-Nonane (C9)	3.255	2527112	21.015 ug/ml
2) T n-Decane (C10)	4.304	2514011	21.126 ug/ml
3) T A~Naphthalene (C11.7)	5.864	2689557	20.723 ug/ml
4) T n-Dodecane (C12)	6.297	2591283	21.064 ug/ml
5) T A~2-methylnaphthalene...	6.908	2721770	20.877 ug/ml
6) T n-Tetradecane (C14)	8.074	2609374	20.824 ug/ml
7) T n-Hexadecane (C16)	9.661	2603793	20.219 ug/ml
8) T n-Octadecane (C18)	11.091	2595337	19.722 ug/ml
10) T n-Eicosane (C20)	12.390	2521558	19.176 ug/ml
11) T n-Heneicosane (C21)	12.998	2501973	18.932 ug/ml
13) T n-Docosane (C22)	13.581	2455432	18.834 ug/ml
14) T n-Tetracosane (C24)	14.676	2363692	18.304 ug/mlm
15) T n-Hexacosane (C26)	15.691	2282861	18.455 ug/ml
16) T n-Octacosane (C28)	16.635	2235177	18.778 ug/ml
17) T n-Tricontane (C30)	17.518	2229444	19.806 ug/ml
18) T n-Dotriacontane (C32)	18.346	2133376	19.840 ug/ml
19) T n-Tetratriacontane (C34)	19.126	2031696	20.969 ug/ml
20) T n-Hexatriacontane (C36)	19.863	1937050	21.471 ug/ml
21) T n-Octatriacontane (C38)	20.568	1882611	21.633 ug/ml
22) T n-Tetracontane (C40)	21.395	1900980	22.653 ug/ml

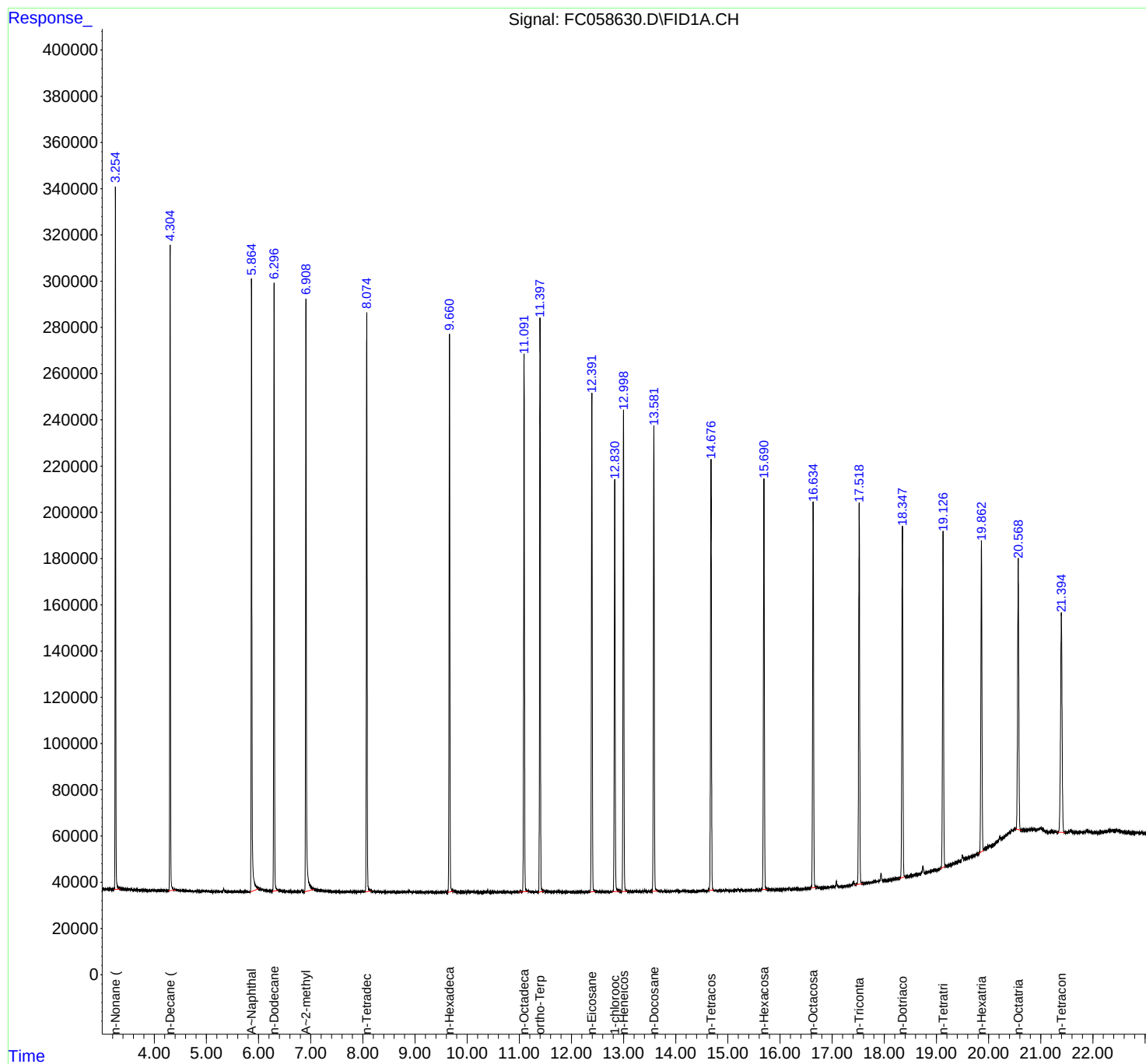
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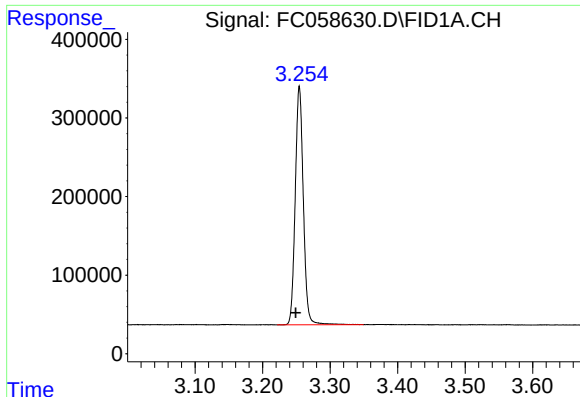
(m)=manual int.

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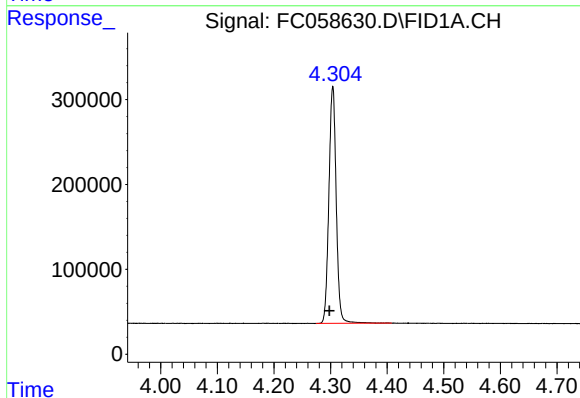
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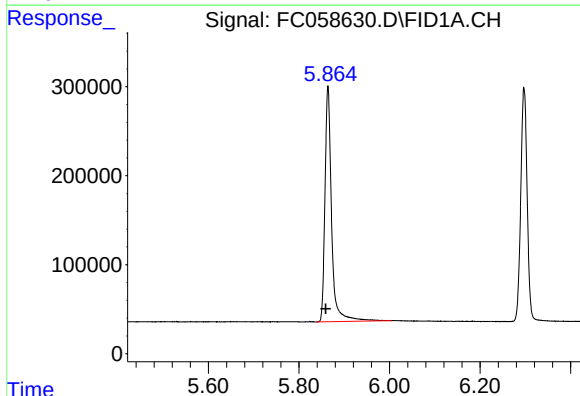
#1 n-Nonane (C9)

R.T.: 3.255 min
Delta R.T.: 0.006 min
Response: 2527112
Conc: 21.01 ug/ml



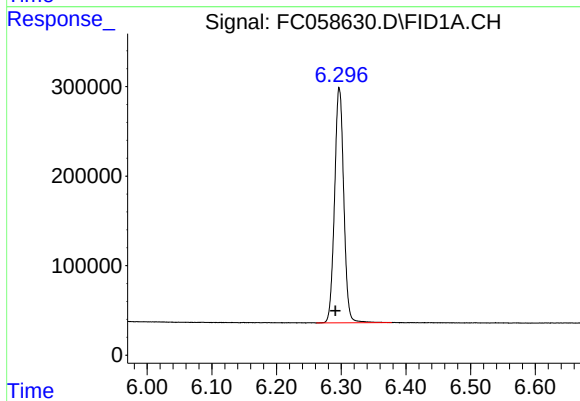
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: 0.006 min
Response: 2514011
Conc: 21.13 ug/ml



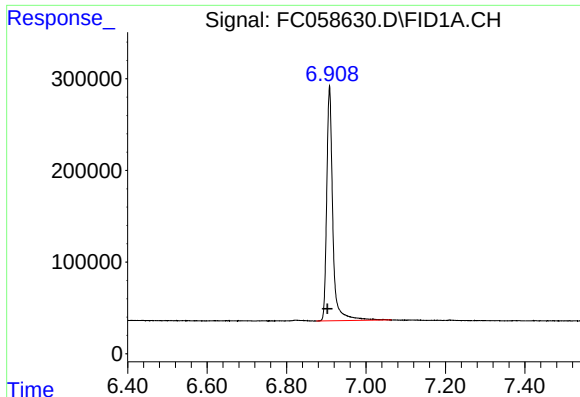
#3 A~Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: 0.005 min
Response: 2689557
Conc: 20.72 ug/ml



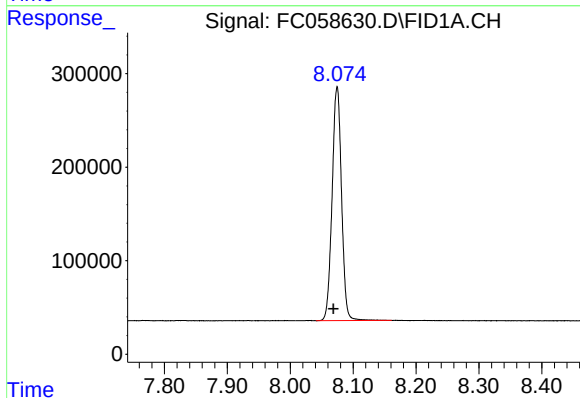
#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: 0.006 min
Response: 2591283
Conc: 21.06 ug/ml



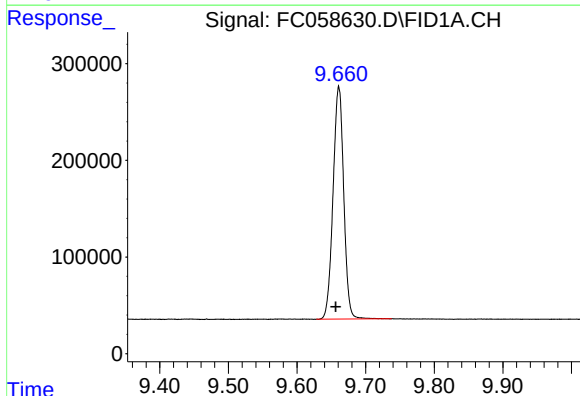
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: 0.006 min
Response: 2721770
Conc: 20.88 ug/ml



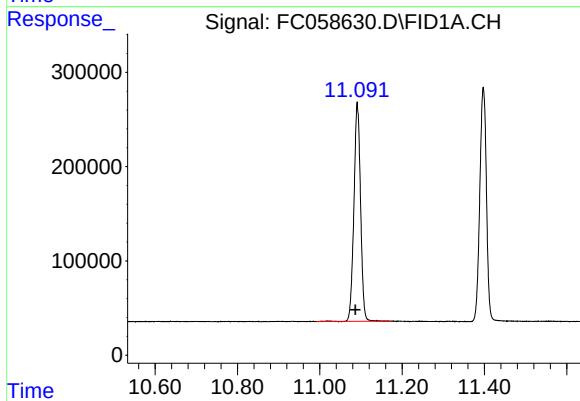
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: 0.006 min
Response: 2609374
Conc: 20.82 ug/ml



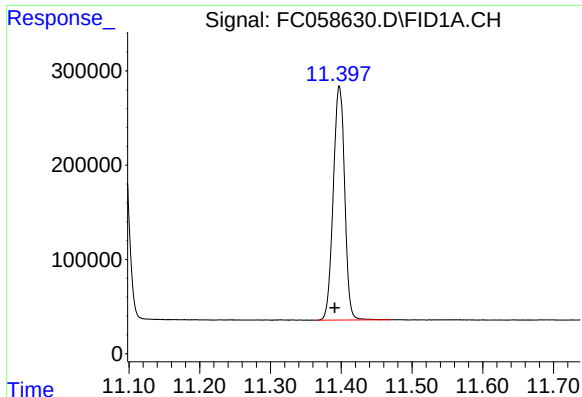
#7 n-Hexadecane (C16)

R.T.: 9.661 min
Delta R.T.: 0.005 min
Response: 2603793
Conc: 20.22 ug/ml



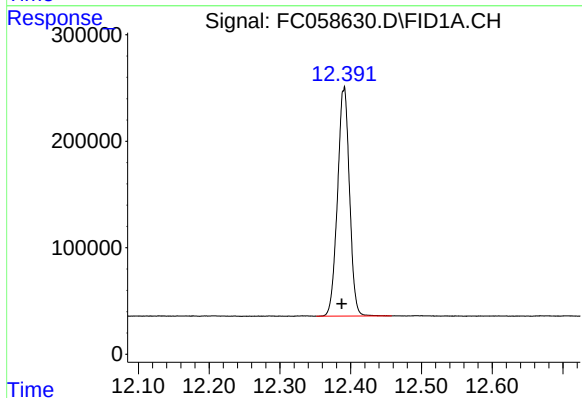
#8 n-Octadecane (C18)

R.T.: 11.091 min
Delta R.T.: 0.005 min
Response: 2595337
Conc: 19.72 ug/ml



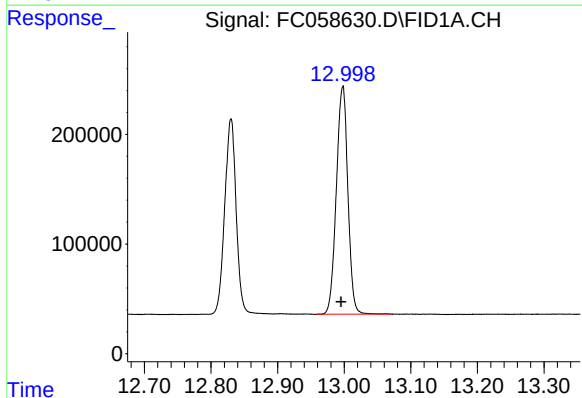
#9 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.006 min
Response: 2777322
Conc: 19.07 ug/ml



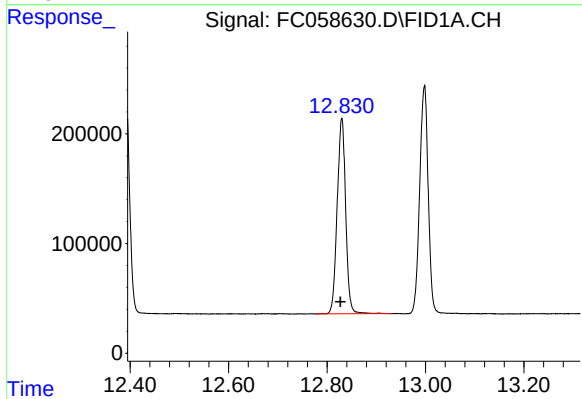
#10 n-Eicosane (C20)

R.T.: 12.390 min
Delta R.T.: 0.003 min
Response: 2521558
Conc: 19.18 ug/ml



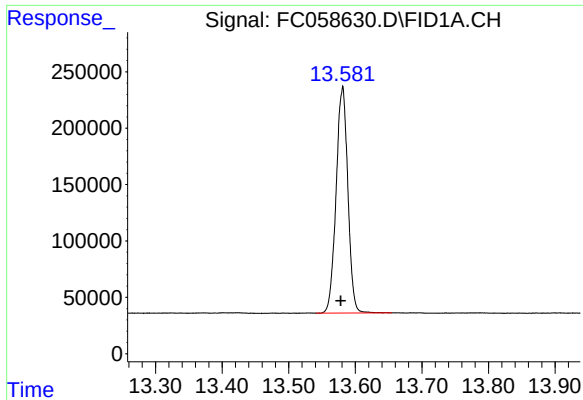
#11 n-Heneicosane (C21)

R.T.: 12.998 min
Delta R.T.: 0.002 min
Response: 2501973
Conc: 18.93 ug/ml



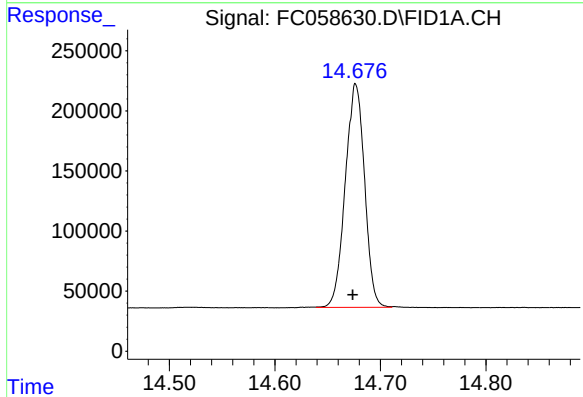
#12 1-chlorooctadecane (SURR)

R.T.: 12.830 min
Delta R.T.: 0.003 min
Response: 2142360
Conc: 18.90 ug/ml



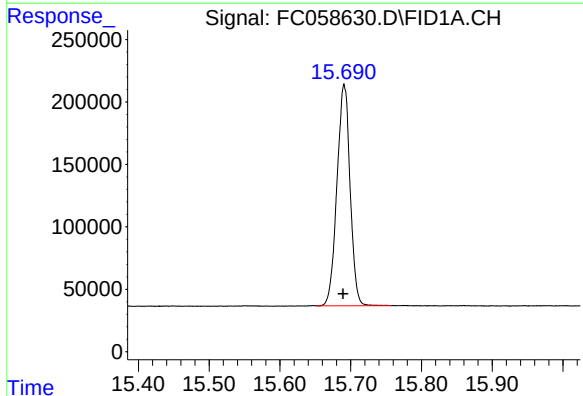
#13 n-Docosane (C22)

R.T.: 13.581 min
Delta R.T.: 0.003 min
Response: 2455432
Conc: 18.83 ug/ml



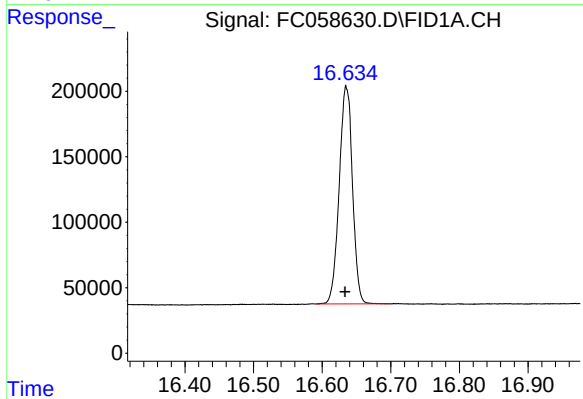
#14 n-Tetracosane (C24)

R.T.: 14.676 min
Delta R.T.: 0.002 min
Response: 2363692
Conc: 18.30 ug/ml m



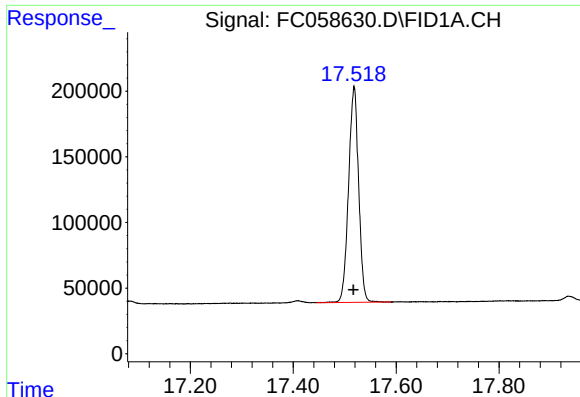
#15 n-Hexacosane (C26)

R.T.: 15.691 min
Delta R.T.: 0.001 min
Response: 2282861
Conc: 18.45 ug/ml



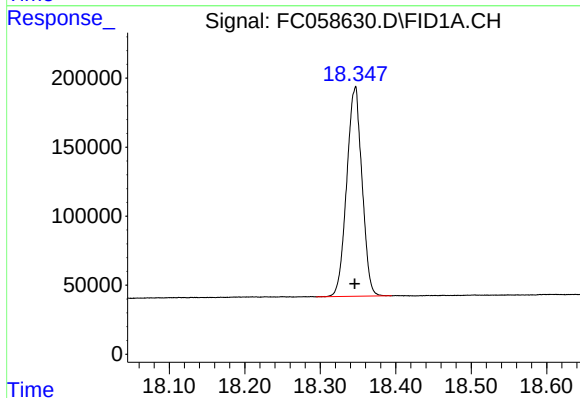
#16 n-Octacosane (C28)

R.T.: 16.635 min
Delta R.T.: 0.002 min
Response: 2235177
Conc: 18.78 ug/ml



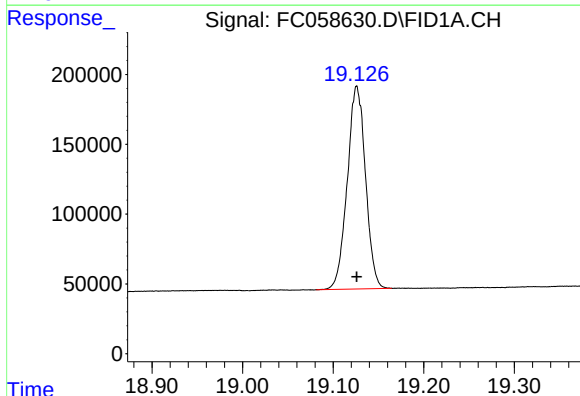
#17 n-Tricontane (C30)

R.T.: 17.518 min
Delta R.T.: 0.000 min
Response: 2229444
Conc: 19.81 ug/ml



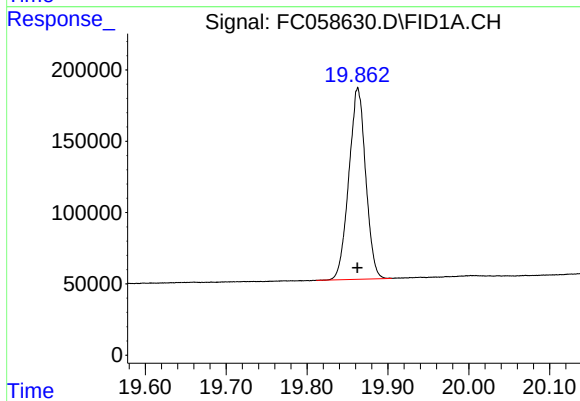
#18 n-Dotriacontane (C32)

R.T.: 18.346 min
Delta R.T.: 0.000 min
Response: 2133376
Conc: 19.84 ug/ml



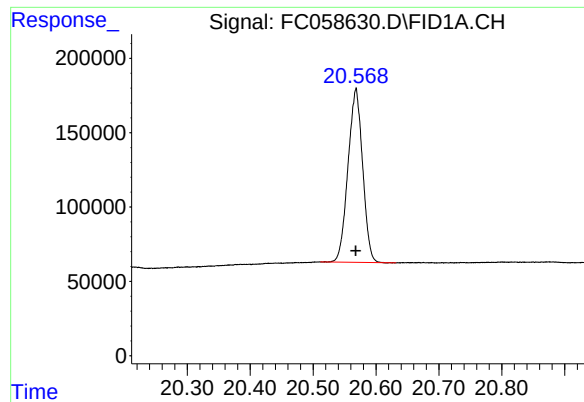
#19 n-Tetratriacontane (C34)

R.T.: 19.126 min
Delta R.T.: 0.000 min
Response: 2031696
Conc: 20.97 ug/ml



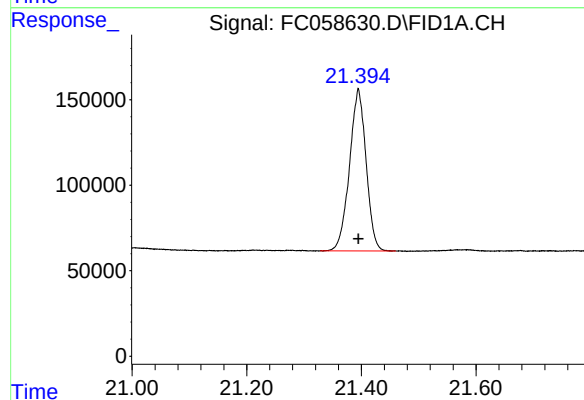
#20 n-Hexatriacontane (C36)

R.T.: 19.863 min
Delta R.T.: 0.000 min
Response: 1937050
Conc: 21.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.568 min
Delta R.T.: 0.000 min
Response: 1882611
Conc: 21.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.395 min
Delta R.T.: 0.000 min
Response: 1900980
Conc: 22.65 ug/ml