

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121421AL\
 Data File : FC057486.D
 Signal(s) : FID1A.CH
 Acq On : 15 Dec 2021 12:16
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 15 13:13:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.842	2686972	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
12) S 1-chlorooctadecane (S...	12.277	2114583	19.095 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
Target Compounds			
1) T n-Nonane (C9)	2.702	2393660	19.374 ug/mlm
2) T n-Decane (C10)	3.709	2419526	19.425 ug/ml
3) T A~Naphthalene (C11.7)	5.270	2711434	19.544 ug/mlm
4) T n-Dodecane (C12)	5.698	2407365	19.494 ug/ml
5) T A~2-methylnaphthalene...	6.317	2724420	19.482 ug/ml
6) T n-Tetradecane (C14)	7.486	2407368	19.441 ug/ml
7) T n-Hexadecane (C16)	9.085	2434352	19.415 ug/ml
8) T n-Octadecane (C18)	10.525	2499287	19.309 ug/ml
10) T n-Eicosane (C20)	11.834	2496644	19.218 ug/ml
11) T n-Heneicosane (C21)	12.445	2511118	19.133 ug/ml
13) T n-Docosane (C22)	13.031	2492109	18.960 ug/ml
14) T n-Tetracosane (C24)	14.133	2517892	18.931 ug/ml
15) T n-Hexacosane (C26)	15.153	2485191	18.952 ug/ml
16) T n-Octacosane (C28)	16.102	2451148	18.639 ug/ml
17) T n-Tricontane (C30)	16.990	2402982	17.583 ug/ml
18) T n-Dotriacontane (C32)	17.821	2330671	17.383 ug/ml
19) T n-Tetratriacontane (C34)	18.606	2282504	17.504 ug/ml
20) T n-Hexatriacontane (C36)	19.344	2154913	18.148 ug/ml
21) T n-Octatriacontane (C38)	20.071f	2105638	19.172 ug/ml
22) T n-Tetracontane (C40)	20.965f	1987876	19.910 ug/ml

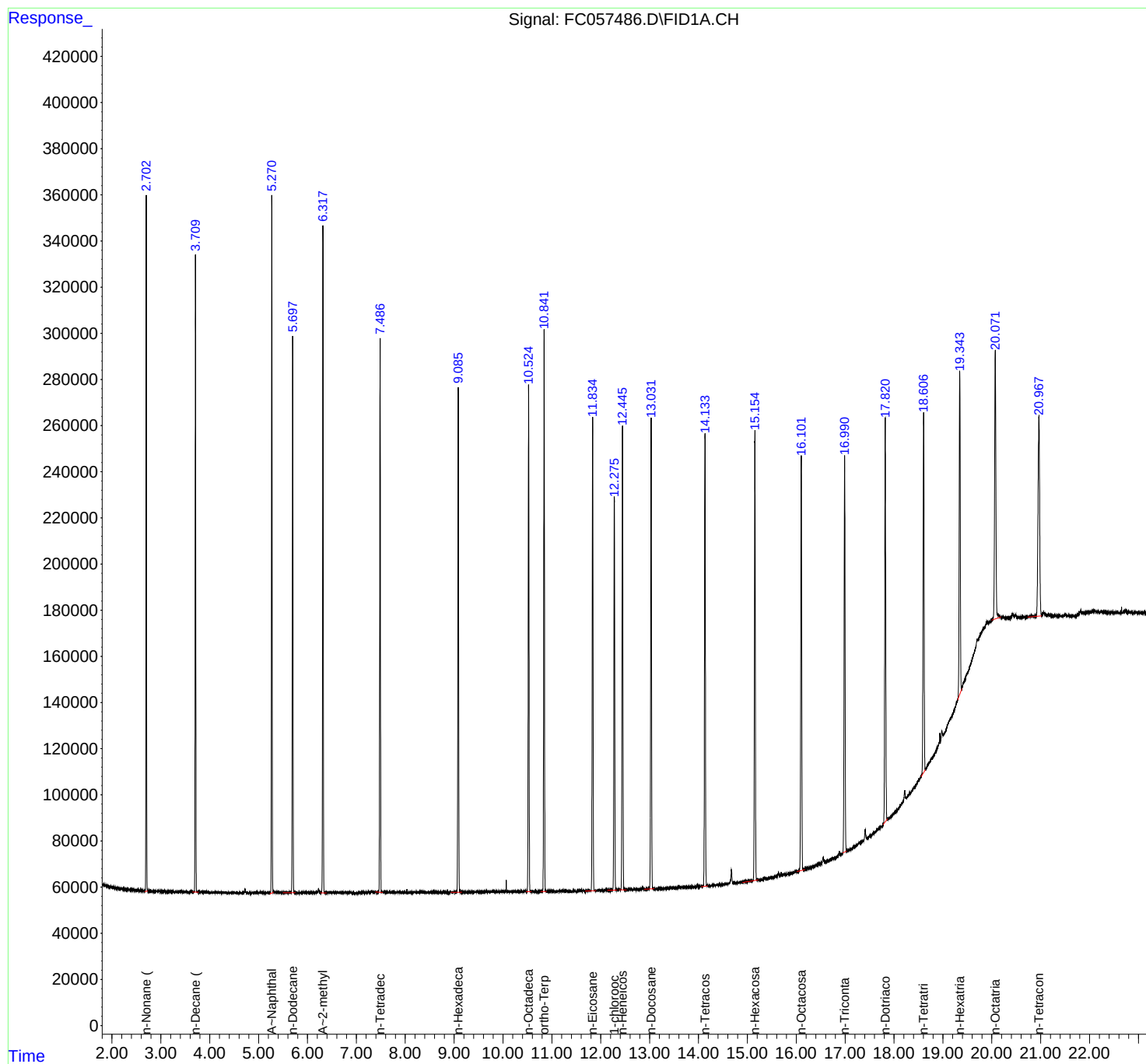
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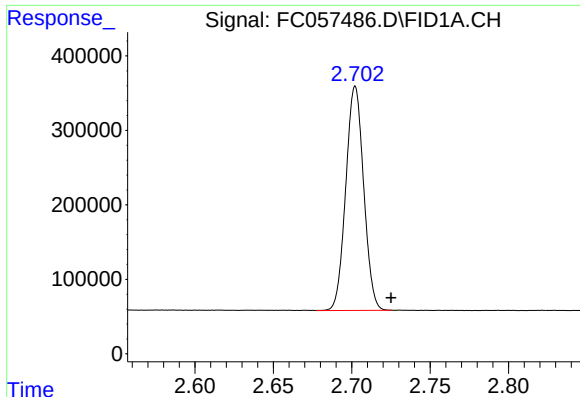
(m)=manual int.

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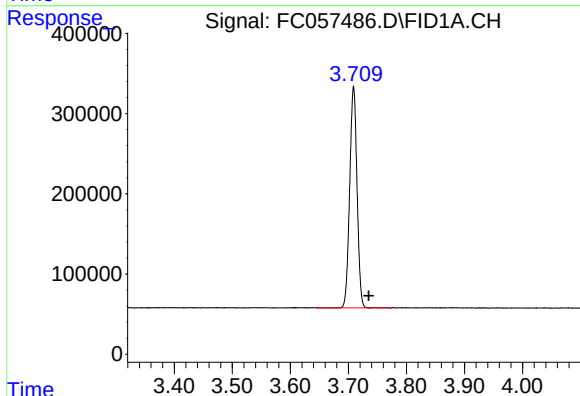
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





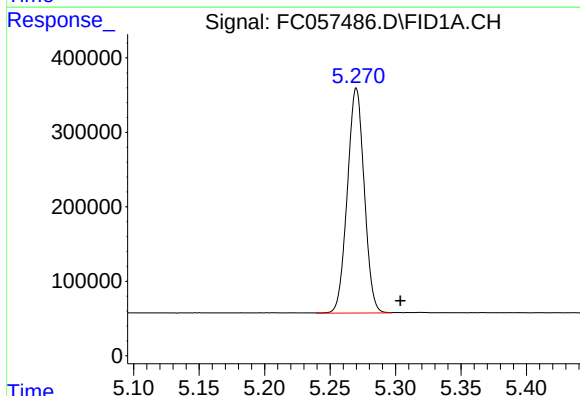
#1 n-Nonane (C9)

R.T.: 2.702 min
Delta R.T.: -0.023 min
Response: 2393660
Conc: 19.37 ug/ml m



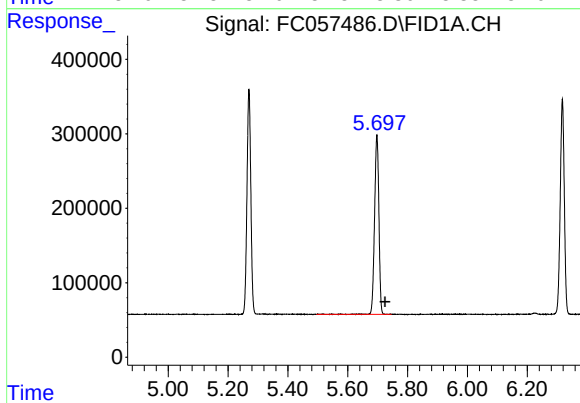
#2 n-Decane (C10)

R.T.: 3.709 min
Delta R.T.: -0.026 min
Response: 2419526
Conc: 19.43 ug/ml



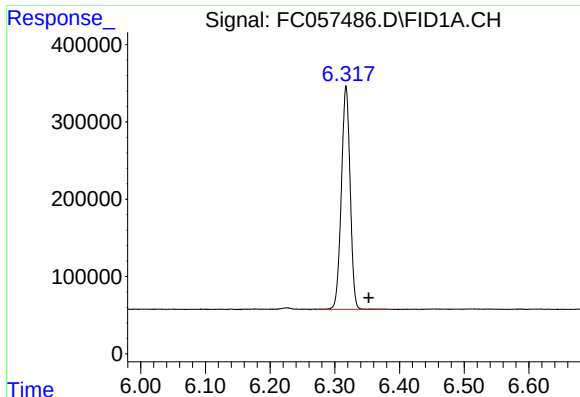
#3 A~Naphthalene (C11.7)

R.T.: 5.270 min
Delta R.T.: -0.034 min
Response: 2711434
Conc: 19.54 ug/ml m



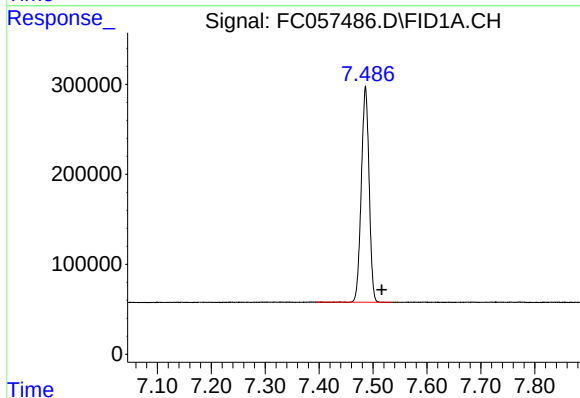
#4 n-Dodecane (C12)

R.T.: 5.698 min
Delta R.T.: -0.028 min
Response: 2407365
Conc: 19.49 ug/ml



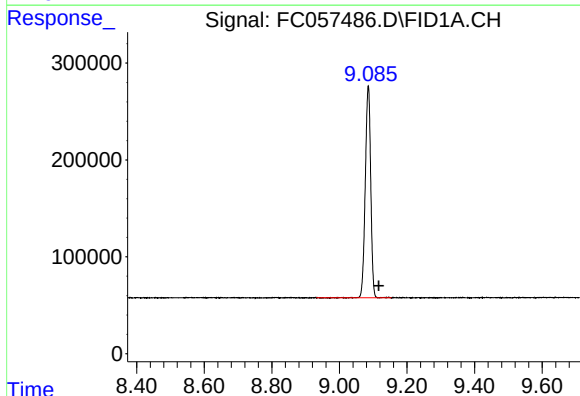
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.317 min
Delta R.T.: -0.035 min
Response: 2724420
Conc: 19.48 ug/ml



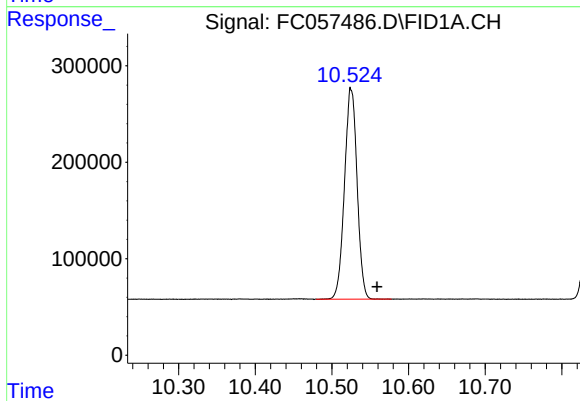
#6 n-Tetradecane (C14)

R.T.: 7.486 min
Delta R.T.: -0.030 min
Response: 2407368
Conc: 19.44 ug/ml



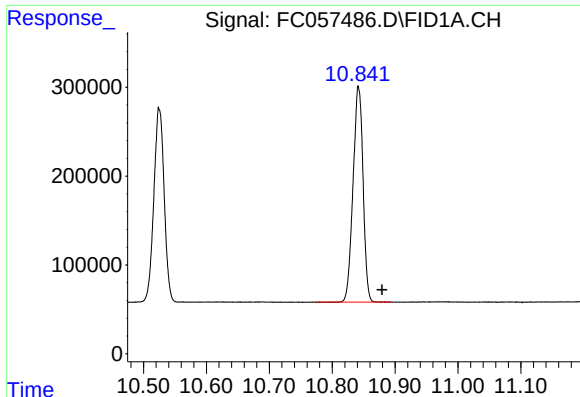
#7 n-Hexadecane (C16)

R.T.: 9.085 min
Delta R.T.: -0.031 min
Response: 2434352
Conc: 19.41 ug/ml



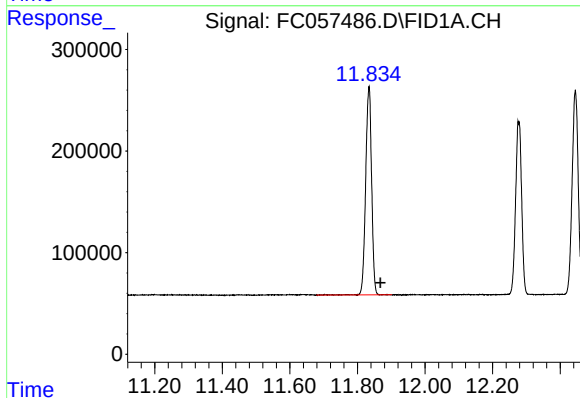
#8 n-Octadecane (C18)

R.T.: 10.525 min
Delta R.T.: -0.034 min
Response: 2499287
Conc: 19.31 ug/ml



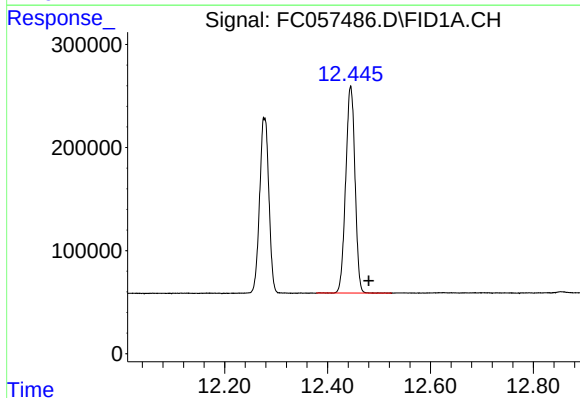
#9 ortho-Terphenyl (SURR)

R.T.: 10.842 min
Delta R.T.: -0.038 min
Response: 2686972
Conc: 19.31 ug/ml



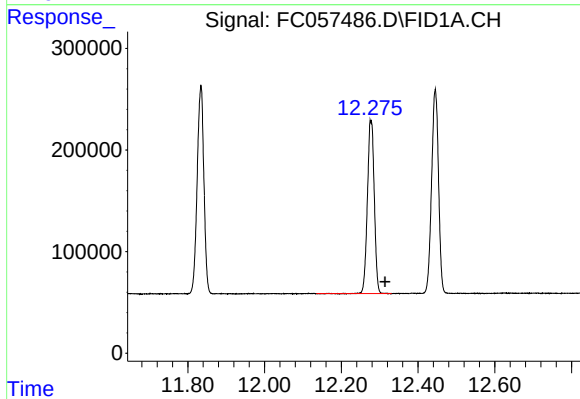
#10 n-Eicosane (C20)

R.T.: 11.834 min
Delta R.T.: -0.034 min
Response: 2496644
Conc: 19.22 ug/ml



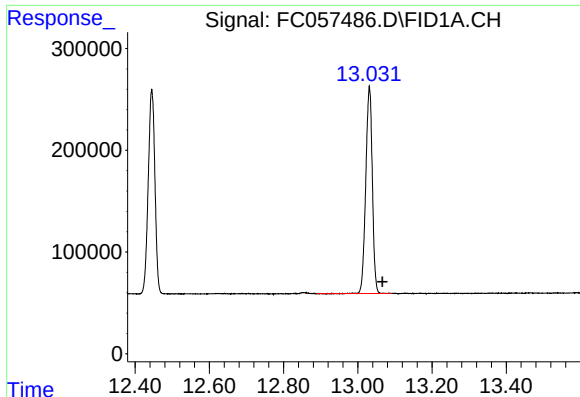
#11 n-Heneicosane (C21)

R.T.: 12.445 min
Delta R.T.: -0.035 min
Response: 2511118
Conc: 19.13 ug/ml



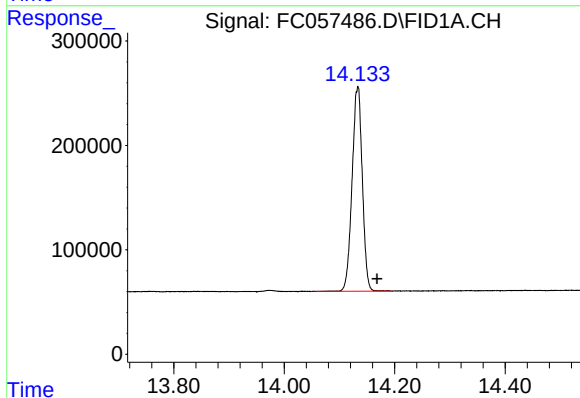
#12 1-chlorooctadecane (SURR)

R.T.: 12.277 min
Delta R.T.: -0.037 min
Response: 2114583
Conc: 19.10 ug/ml



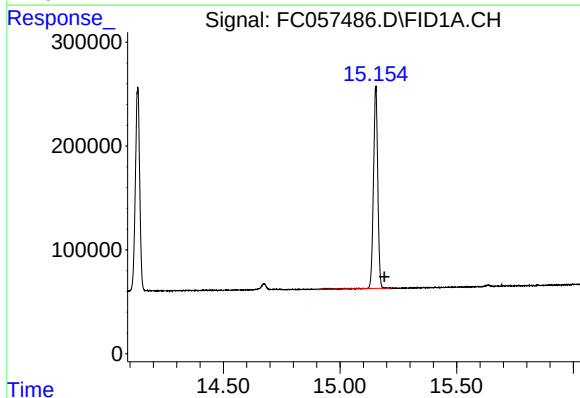
#13 n-Docosane (C22)

R.T.: 13.031 min
Delta R.T.: -0.035 min
Response: 2492109
Conc: 18.96 ug/ml



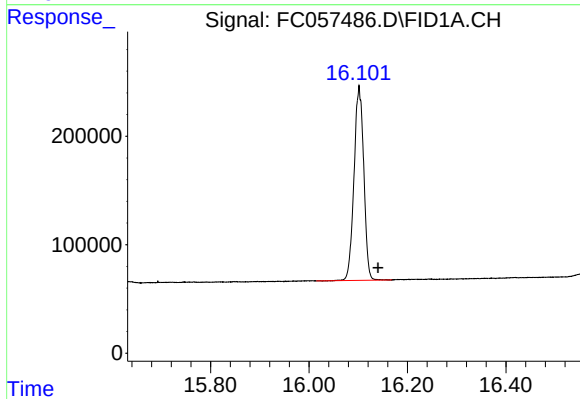
#14 n-Tetracosane (C24)

R.T.: 14.133 min
Delta R.T.: -0.036 min
Response: 2517892
Conc: 18.93 ug/ml



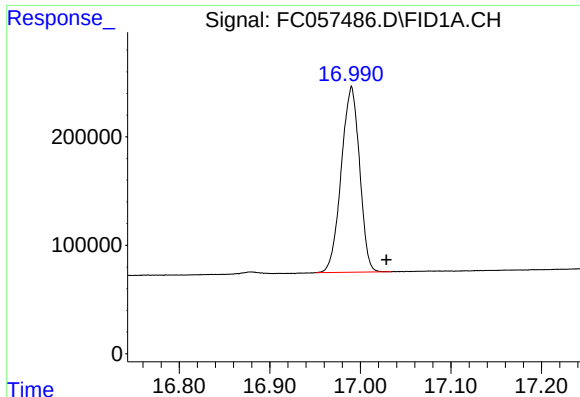
#15 n-Hexacosane (C26)

R.T.: 15.153 min
Delta R.T.: -0.037 min
Response: 2485191
Conc: 18.95 ug/ml



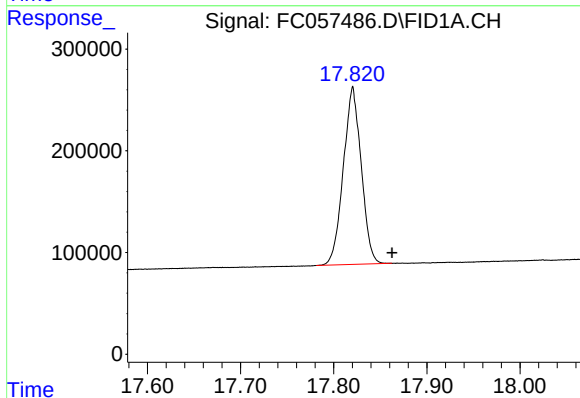
#16 n-Octacosane (C28)

R.T.: 16.102 min
Delta R.T.: -0.039 min
Response: 2451148
Conc: 18.64 ug/ml



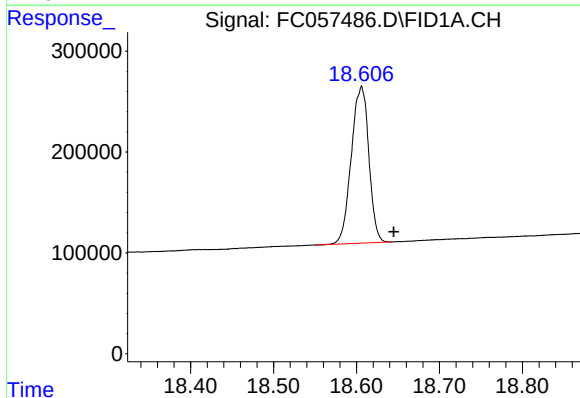
#17 n-Tricontane (C30)

R.T.: 16.990 min
Delta R.T.: -0.039 min
Response: 2402982
Conc: 17.58 ug/ml



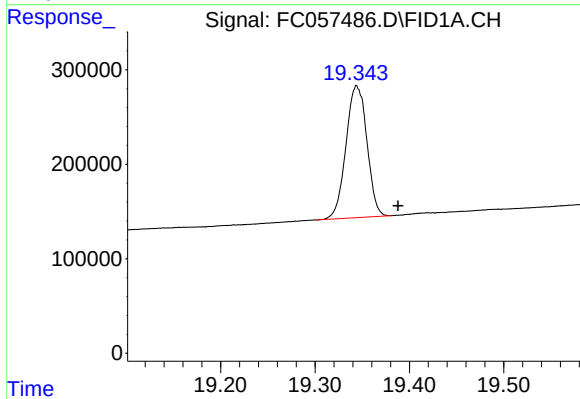
#18 n-Dotriacontane (C32)

R.T.: 17.821 min
Delta R.T.: -0.042 min
Response: 2330671
Conc: 17.38 ug/ml



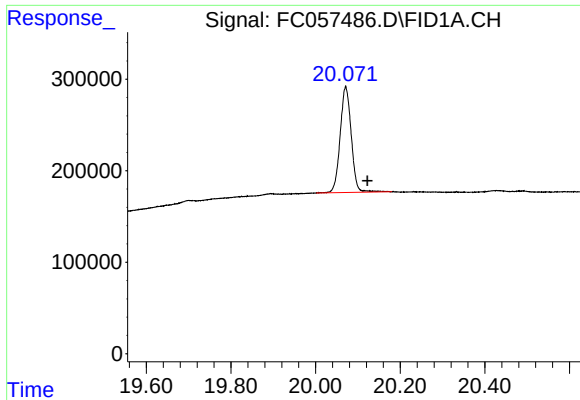
#19 n-Tetratriacontane (C34)

R.T.: 18.606 min
Delta R.T.: -0.040 min
Response: 2282504
Conc: 17.50 ug/ml



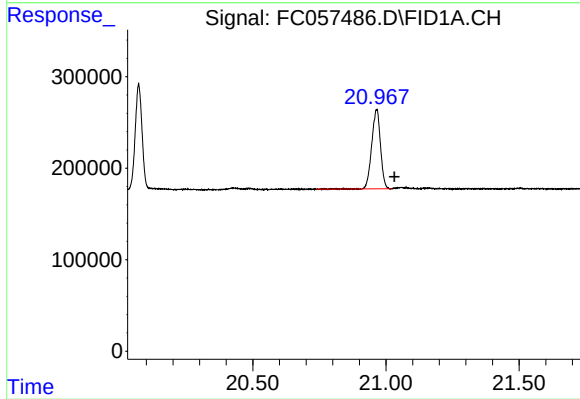
#20 n-Hexatriacontane (C36)

R.T.: 19.344 min
Delta R.T.: -0.044 min
Response: 2154913
Conc: 18.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.071 min
Delta R.T.: -0.051 min
Response: 2105638
Conc: 19.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.965 min
Delta R.T.: -0.067 min
Response: 1987876
Conc: 19.91 ug/ml