

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091719AL\
 Data File : FC043528.D
 Signal(s) : FID1A.CH
 Acq On : 17 Sep 2019 10:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 18 03:09:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 091619.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 16 12:41:51 2019
 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)	11.593	2839908	19.895 ug/ml
Spiked Amount 50.000		Recovery =	39.79%
12) S 1-chlorooctadecane (S...	13.015	2192374	19.799 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T n-Nonane (C9)	3.440	2447073	20.972 ug/ml
2) T n-Decane (C10)	4.493	2462322	21.137 ug/ml
3) T A~Naphthalene (C11.7)	6.072	2489611	21.283 ug/ml
4) T n-Dodecane (C12)	6.486	2565906	21.048 ug/ml
5) T A~2-methylnaphthalene...	7.116	2543974	21.517 ug/ml
6) T n-Tetradecane (C14)	8.261	2596483	21.034 ug/ml
7) T n-Hexadecane (C16)	9.845	2617130	20.869 ug/ml
8) T n-Octadecane (C18)	11.273	2639421	20.471 ug/ml
10) T n-Eicosane (C20)	12.572	2622776	20.030 ug/ml
11) T n-Heneicosane (C21)	13.179	2622350	19.796 ug/ml
13) T n-Docosane (C22)	13.761	2584337	19.691 ug/ml
14) T n-Tetracosane (C24)	14.856	2537625	19.322 ug/ml
15) T n-Hexacosane (C26)	15.869	2463482	19.114 ug/ml
16) T n-Octacosane (C28)	16.814	2369047	18.824 ug/ml
17) T n-Tricontane (C30)	17.696	2276853	18.545 ug/ml
18) T n-Dotriacontane (C32)	18.524	2138513	18.557 ug/ml
19) T n-Tetratriacontane (C34)	19.303	2041558	18.994 ug/ml
20) T n-Hexatriacontane (C36)	20.039	1950374	19.795 ug/ml
21) T n-Octatriacontane (C38)	20.765	1859881	20.215 ug/ml
22) T n-Tetracontane (C40)	21.653	1933428	20.617 ug/ml

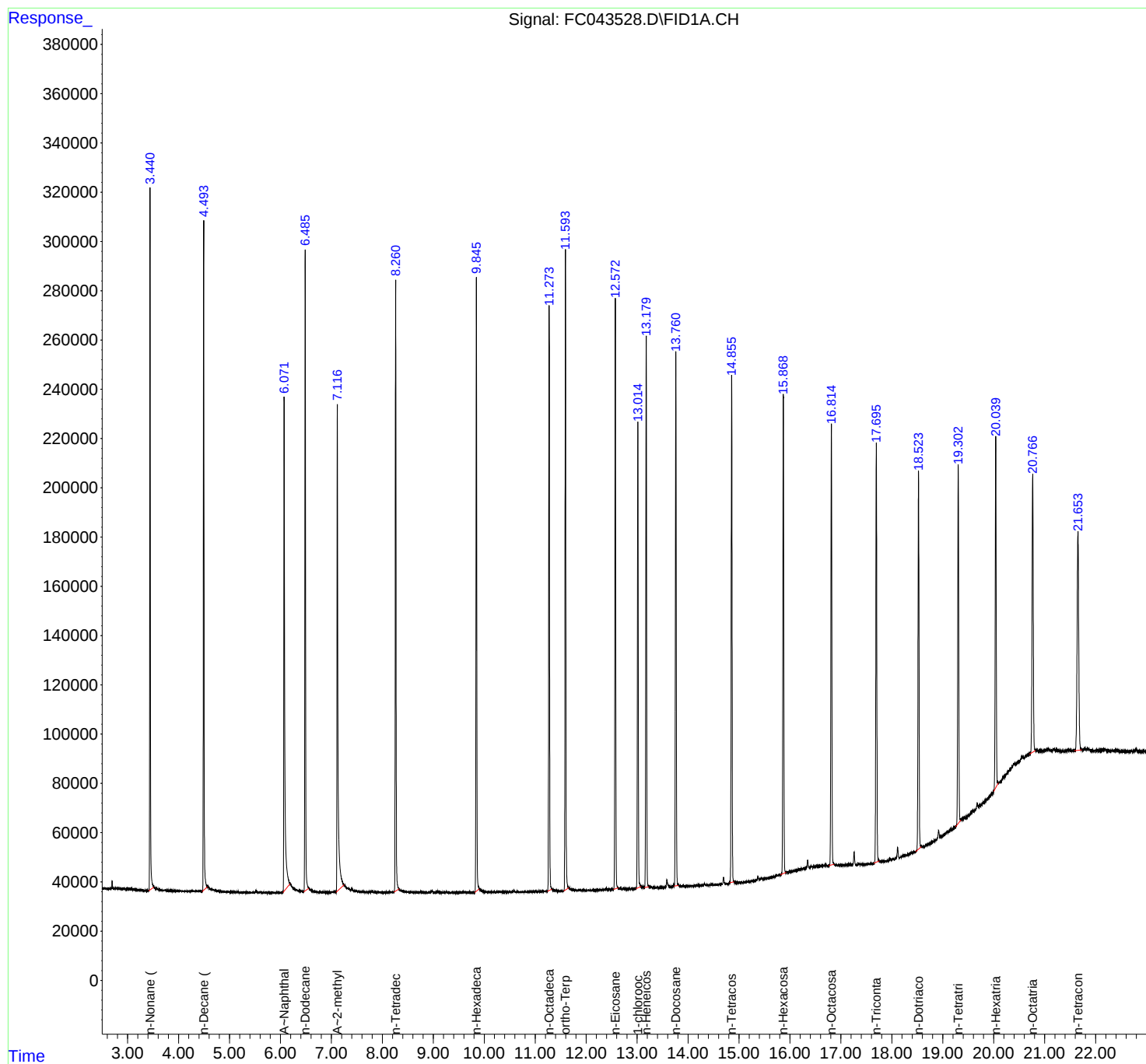
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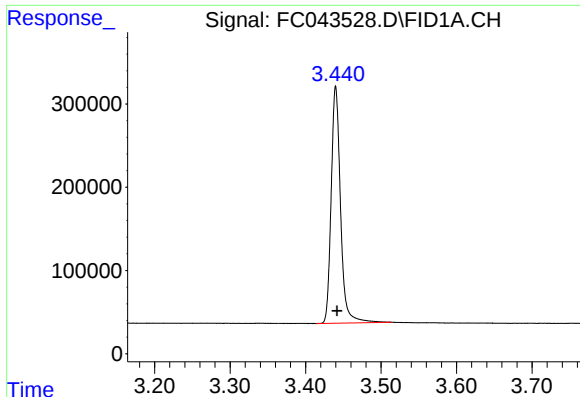
(m)=manual int.

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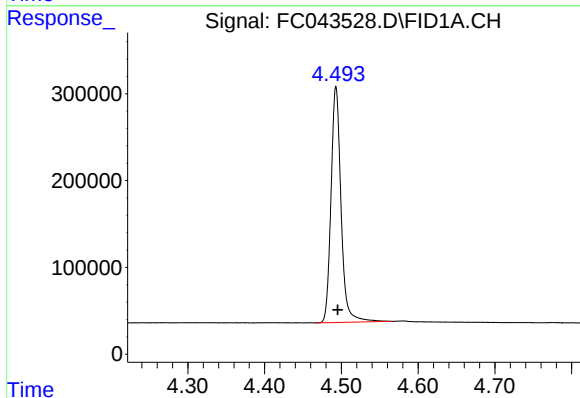
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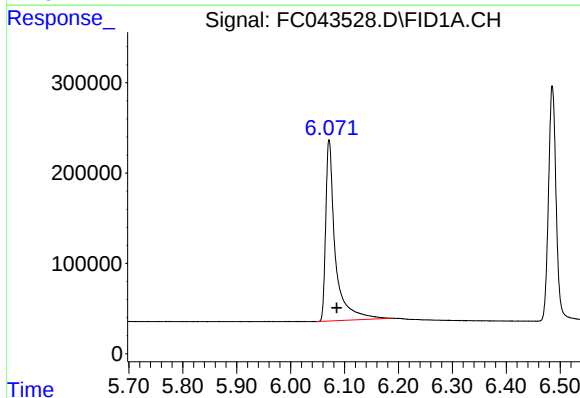
#1 n-Nonane (C9)

R.T.: 3.440 min
Delta R.T.: -0.002 min
Response: 2447073
Conc: 20.97 ug/ml



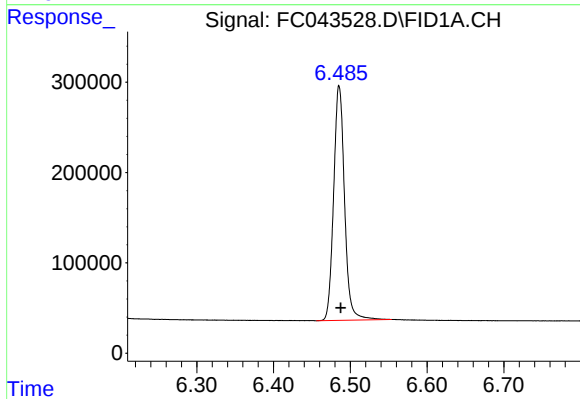
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.002 min
Response: 2462322
Conc: 21.14 ug/ml



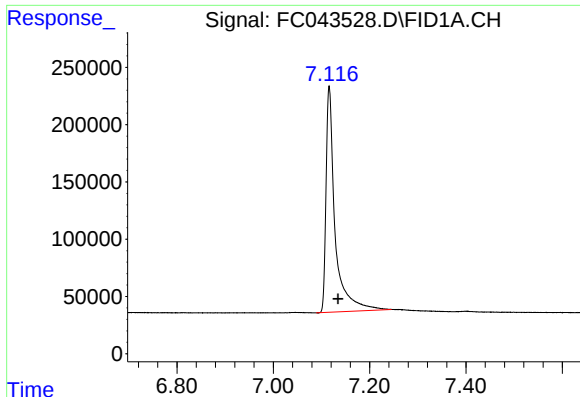
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.014 min
Response: 2489611
Conc: 21.28 ug/ml



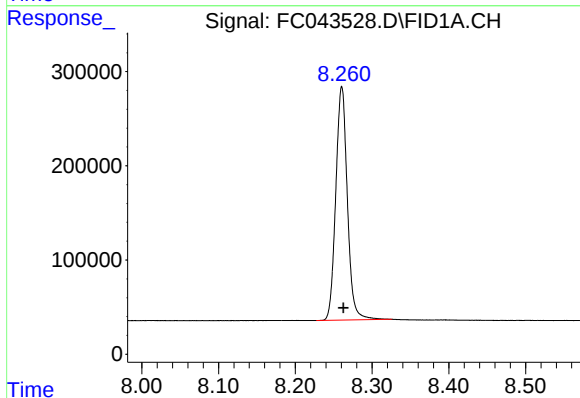
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 2565906
Conc: 21.05 ug/ml



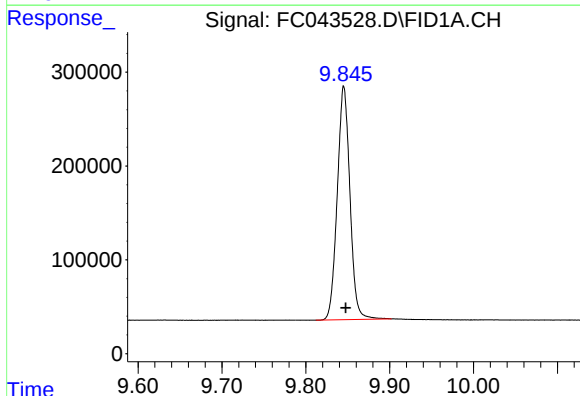
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: -0.018 min
Response: 2543974
Conc: 21.52 ug/ml



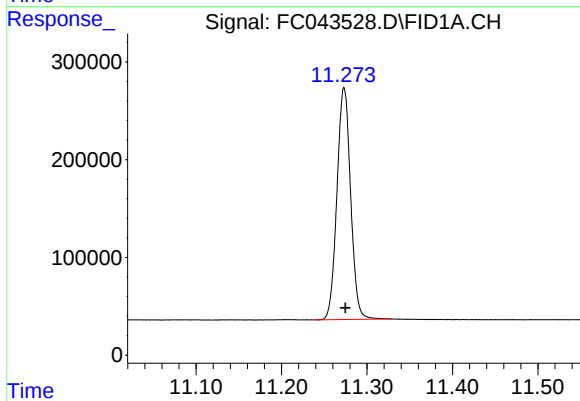
#6 n-Tetradecane (C14)

R.T.: 8.261 min
Delta R.T.: -0.002 min
Response: 2596483
Conc: 21.03 ug/ml



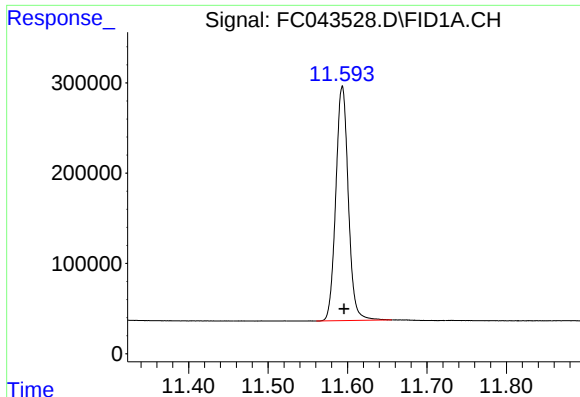
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.002 min
Response: 2617130
Conc: 20.87 ug/ml



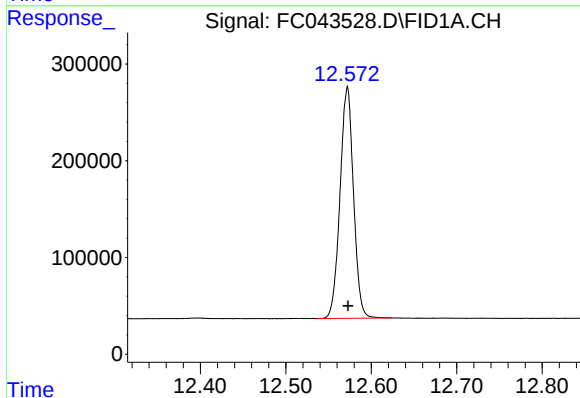
#8 n-Octadecane (C18)

R.T.: 11.273 min
Delta R.T.: -0.001 min
Response: 2639421
Conc: 20.47 ug/ml



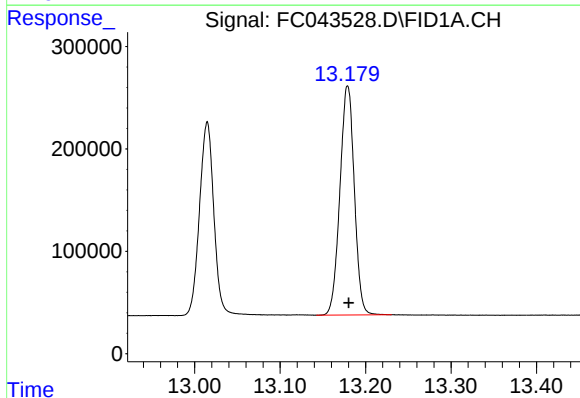
#9 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.002 min
Response: 2839908
Conc: 19.89 ug/ml



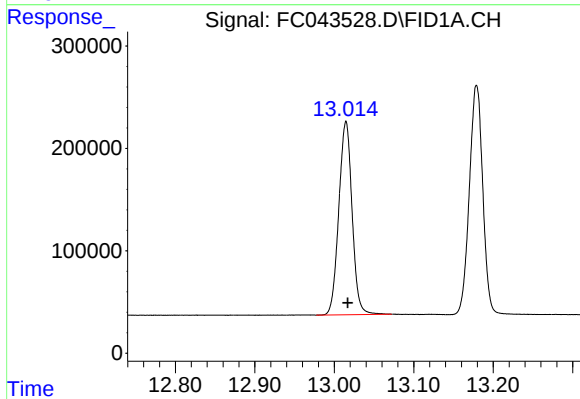
#10 n-Eicosane (C20)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 2622776
Conc: 20.03 ug/ml



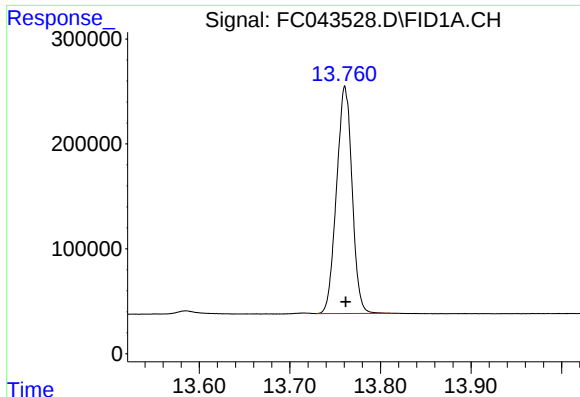
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: 0.000 min
Response: 2622350
Conc: 19.80 ug/ml



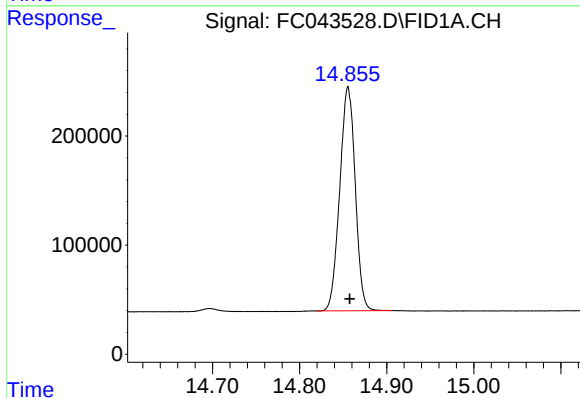
#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min
Delta R.T.: -0.002 min
Response: 2192374
Conc: 19.80 ug/ml



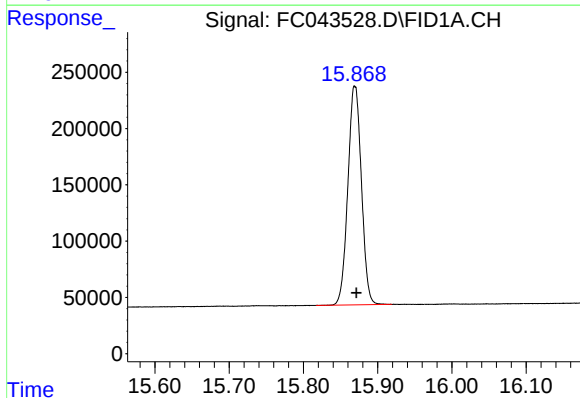
#13 n-Docosane (C22)

R.T.: 13.761 min
Delta R.T.: 0.000 min
Response: 2584337
Conc: 19.69 ug/ml



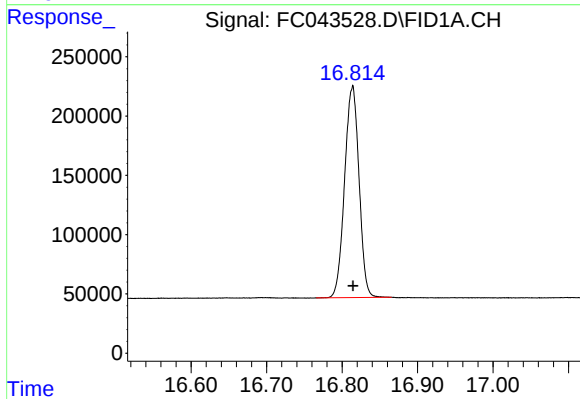
#14 n-Tetracosane (C24)

R.T.: 14.856 min
Delta R.T.: -0.002 min
Response: 2537625
Conc: 19.32 ug/ml



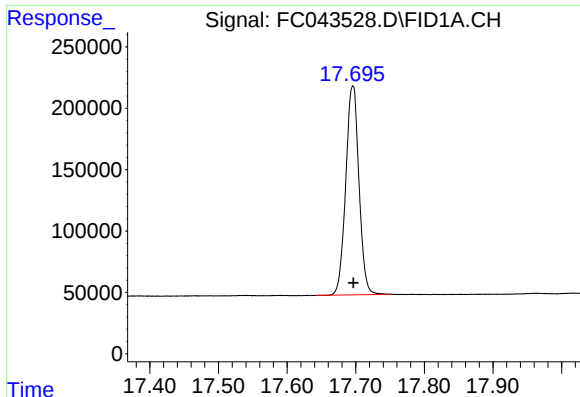
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: -0.002 min
Response: 2463482
Conc: 19.11 ug/ml



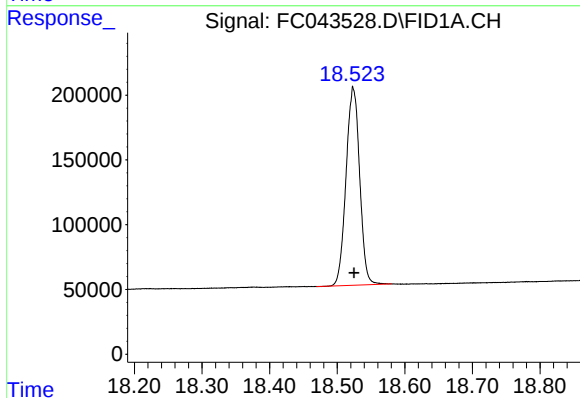
#16 n-Octacosane (C28)

R.T.: 16.814 min
Delta R.T.: 0.000 min
Response: 2369047
Conc: 18.82 ug/ml



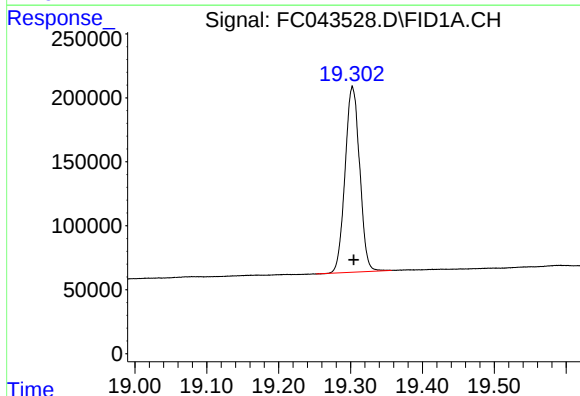
#17 n-Tricontane (C30)

R.T.: 17.696 min
Delta R.T.: 0.000 min
Response: 2276853
Conc: 18.54 ug/ml



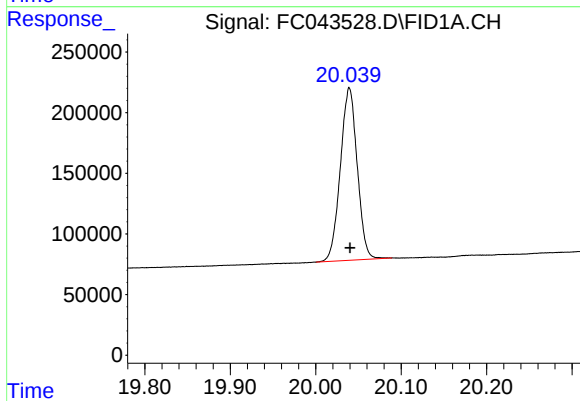
#18 n-Dotriacontane (C32)

R.T.: 18.524 min
Delta R.T.: -0.001 min
Response: 2138513
Conc: 18.56 ug/ml



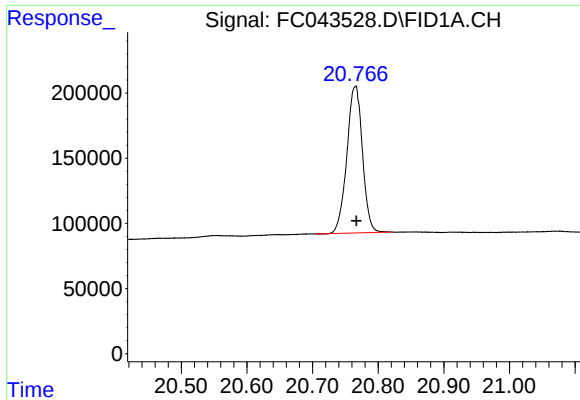
#19 n-Tetratriacontane (C34)

R.T.: 19.303 min
Delta R.T.: -0.002 min
Response: 2041558
Conc: 18.99 ug/ml



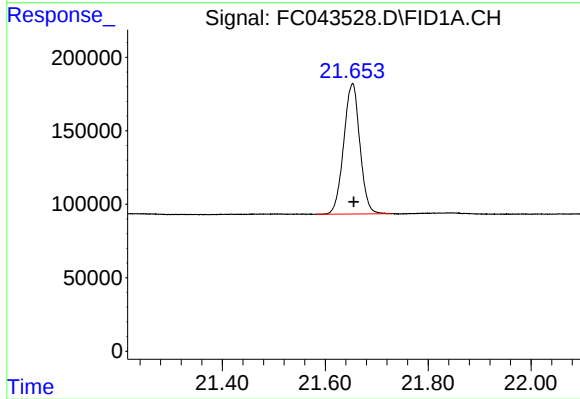
#20 n-Hexatriacontane (C36)

R.T.: 20.039 min
Delta R.T.: 0.000 min
Response: 1950374
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.765 min
Delta R.T.: -0.002 min
Response: 1859881
Conc: 20.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.653 min
Delta R.T.: -0.002 min
Response: 1933428
Conc: 20.62 ug/ml