

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071521AL\
 Data File : FC054721.D
 Signal(s) : FID1A.CH
 Acq On : 15 Jul 2021 17:49
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 03:42:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.318	2993254	21.143 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
12) S 1-chlorooctadecane (S...	12.762	2336235	20.957 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
Target Compounds			
1) T n-Nonane (C9)	3.130	2586121	21.992 ug/ml
2) T n-Decane (C10)	4.186	2670668	22.491 ug/ml
3) T A~Naphthalene (C11.7)	5.753	2902352	22.076 ug/ml
4) T n-Dodecane (C12)	6.194	2715981	22.661 ug/ml
5) T A~2-methylnaphthalene...	6.806	2918606	22.107 ug/ml
6) T n-Tetradecane (C14)	7.982	2769087	22.728 ug/ml
7) T n-Hexadecane (C16)	9.578	2786077	22.367 ug/ml
8) T n-Octadecane (C18)	11.016	2835235	21.952 ug/ml
10) T n-Eicosane (C20)	12.321	2790543	21.446 ug/ml
11) T n-Heneicosane (C21)	12.931	2804028	21.120 ug/ml
13) T n-Docosane (C22)	13.516	2771528	20.920 ug/ml
14) T n-Tetracosane (C24)	14.617	2718618	20.083 ug/ml
15) T n-Hexacosane (C26)	15.635	2632108	19.424 ug/ml
16) T n-Octacosane (C28)	16.584	2604994	18.979 ug/ml
17) T n-Tricontane (C30)	17.469	2546229	18.384 ug/ml
18) T n-Dotriacontane (C32)	18.301	2481338	18.137 ug/ml
19) T n-Tetratriacontane (C34)	19.084	2460881	18.213 ug/ml
20) T n-Hexatriacontane (C36)	19.822	2389273	19.356 ug/mlm
21) T n-Octatriacontane (C38)	20.527	2341642	20.701 ug/ml
22) T n-Tetracontane (C40)	21.342	2377179	21.032 ug/ml

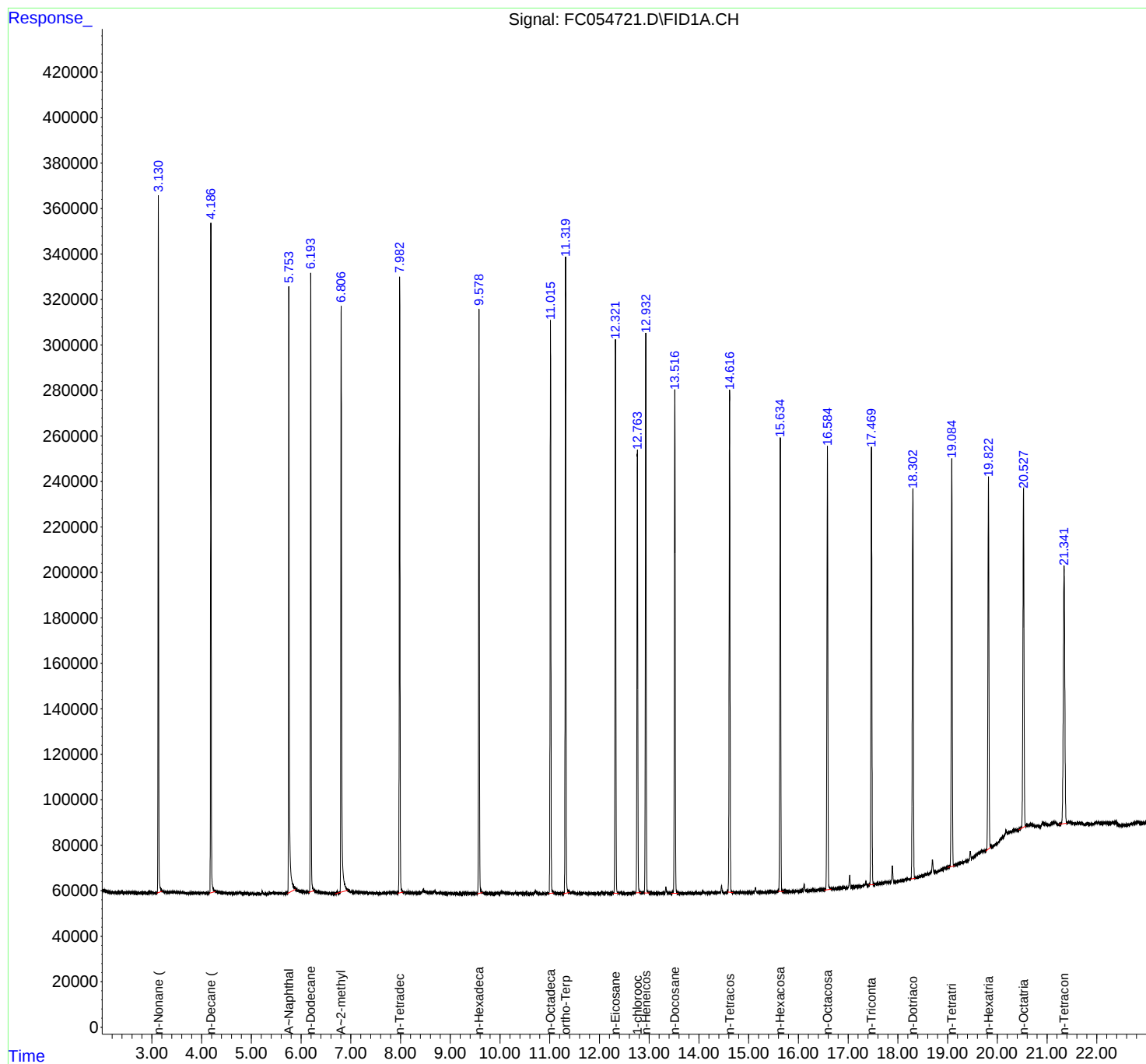
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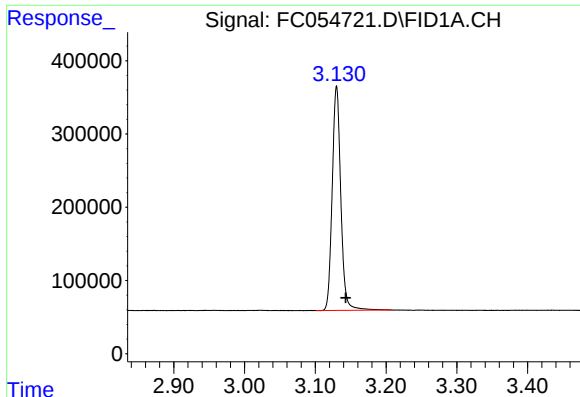
(m)=manual int.

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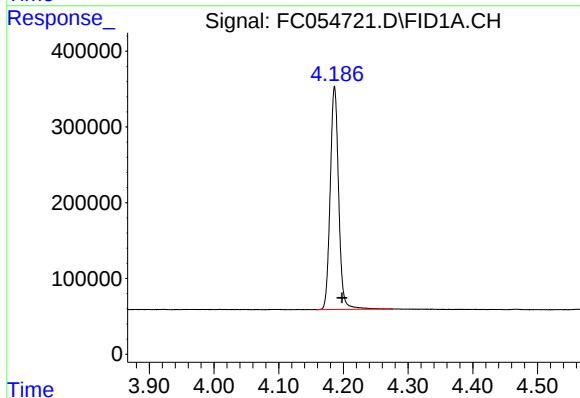
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





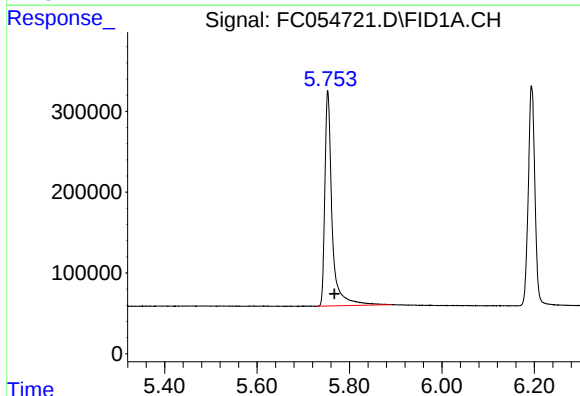
#1 n-Nonane (C9)

R.T.: 3.130 min
Delta R.T.: -0.013 min
Response: 2586121
Conc: 21.99 ug/ml



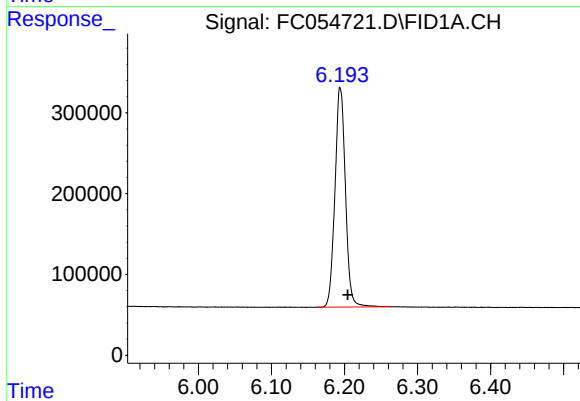
#2 n-Decane (C10)

R.T.: 4.186 min
Delta R.T.: -0.012 min
Response: 2670668
Conc: 22.49 ug/ml



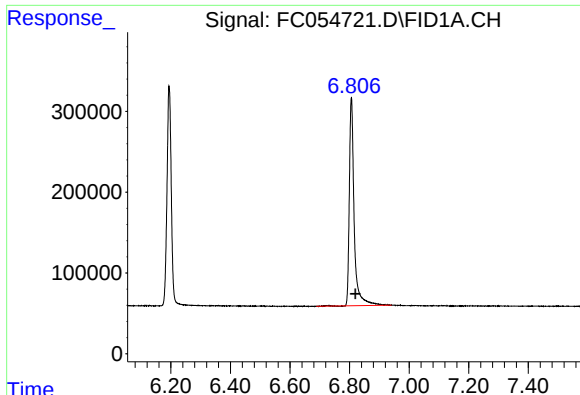
#3 A~Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.014 min
Response: 2902352
Conc: 22.08 ug/ml



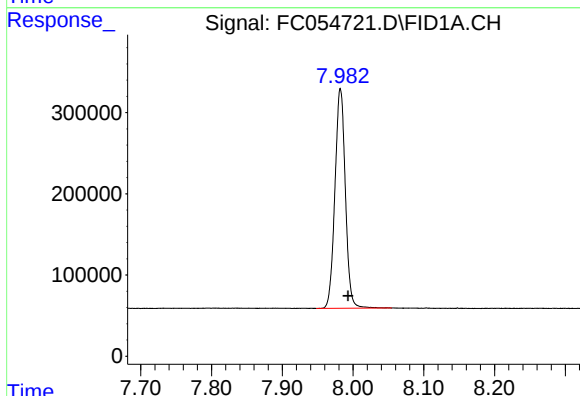
#4 n-Dodecane (C12)

R.T.: 6.194 min
Delta R.T.: -0.010 min
Response: 2715981
Conc: 22.66 ug/ml



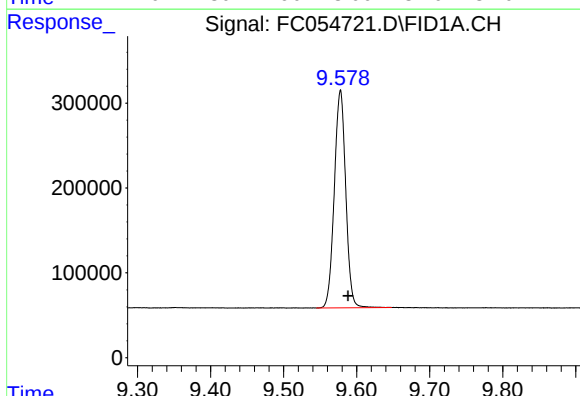
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.806 min
Delta R.T.: -0.013 min
Response: 2918606
Conc: 22.11 ug/ml



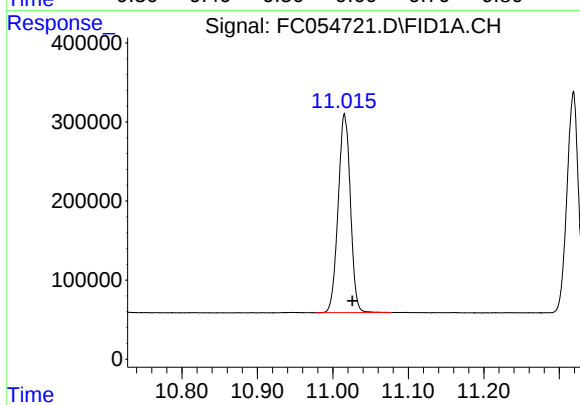
#6 n-Tetradecane (C14)

R.T.: 7.982 min
Delta R.T.: -0.011 min
Response: 2769087
Conc: 22.73 ug/ml



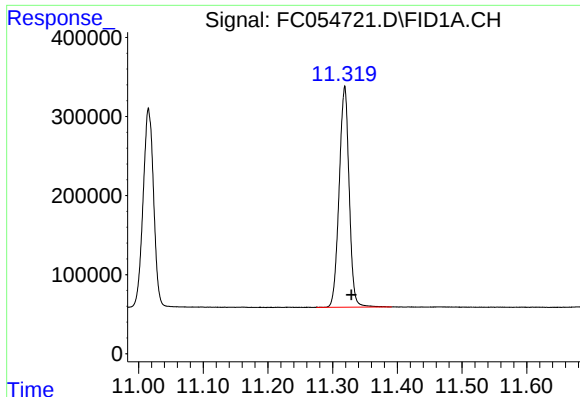
#7 n-Hexadecane (C16)

R.T.: 9.578 min
Delta R.T.: -0.011 min
Response: 2786077
Conc: 22.37 ug/ml



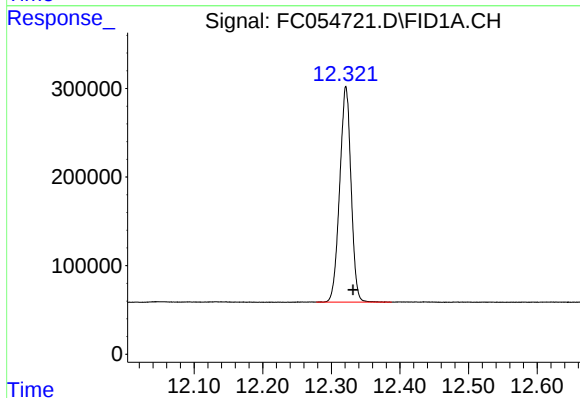
#8 n-Octadecane (C18)

R.T.: 11.016 min
Delta R.T.: -0.010 min
Response: 2835235
Conc: 21.95 ug/ml



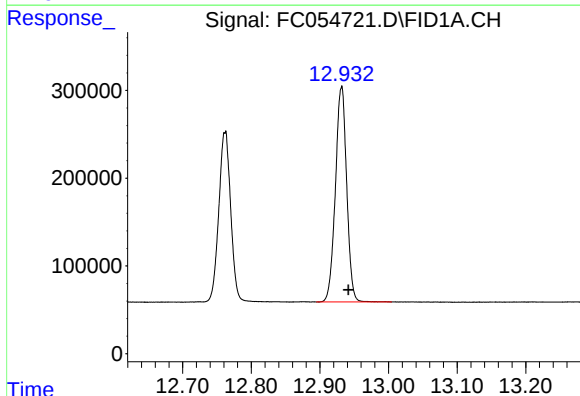
#9 ortho-Terphenyl (SURR)

R.T.: 11.318 min
Delta R.T.: -0.011 min
Response: 2993254
Conc: 21.14 ug/ml



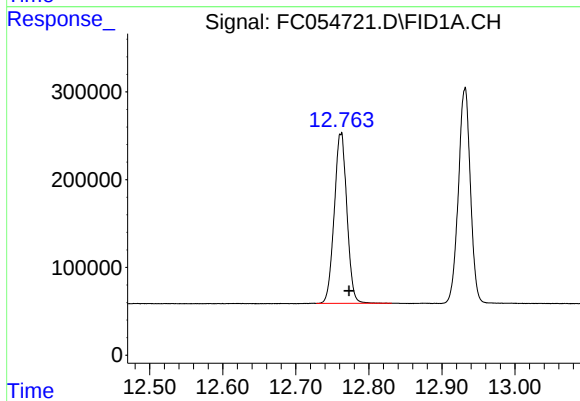
#10 n-Eicosane (C20)

R.T.: 12.321 min
Delta R.T.: -0.010 min
Response: 2790543
Conc: 21.45 ug/ml



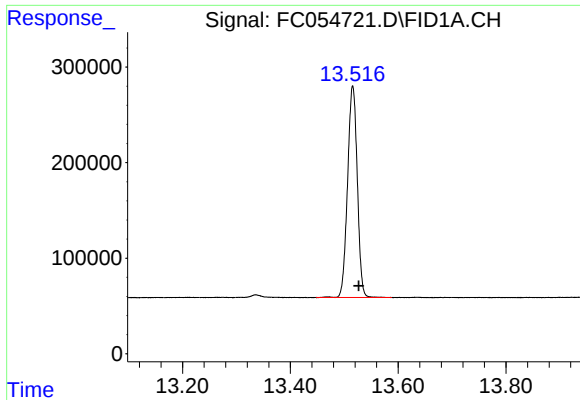
#11 n-Heneicosane (C21)

R.T.: 12.931 min
Delta R.T.: -0.010 min
Response: 2804028
Conc: 21.12 ug/ml



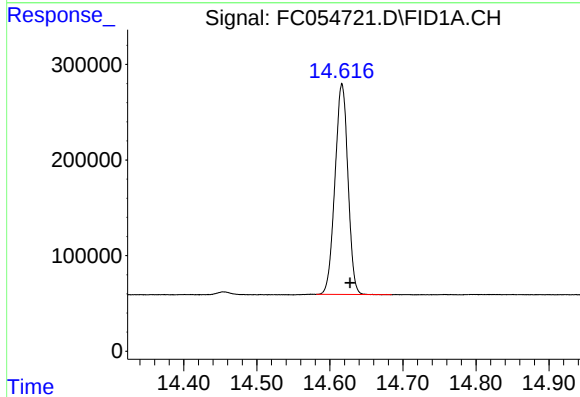
#12 1-chlorooctadecane (SURR)

R.T.: 12.762 min
Delta R.T.: -0.011 min
Response: 2336235
Conc: 20.96 ug/ml



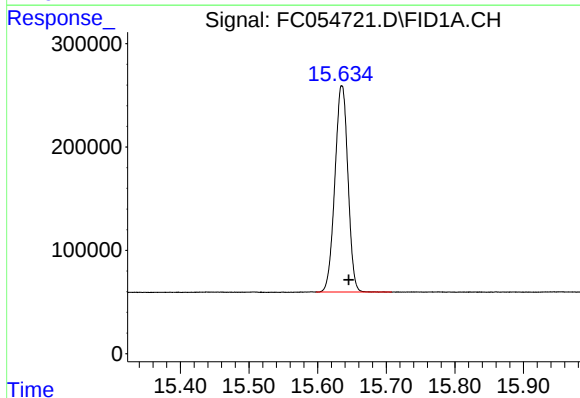
#13 n-Docosane (C22)

R.T.: 13.516 min
Delta R.T.: -0.011 min
Response: 2771528
Conc: 20.92 ug/ml



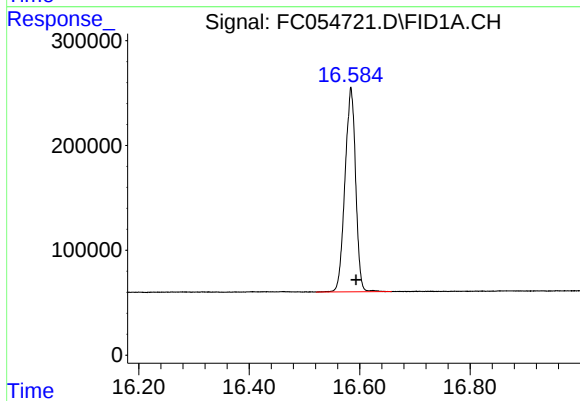
#14 n-Tetracosane (C24)

R.T.: 14.617 min
Delta R.T.: -0.011 min
Response: 2718618
Conc: 20.08 ug/ml



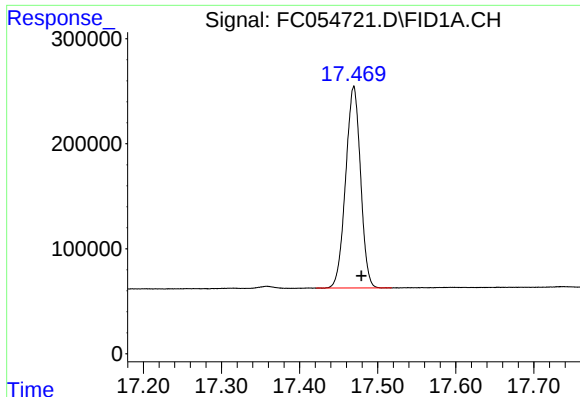
#15 n-Hexacosane (C26)

R.T.: 15.635 min
Delta R.T.: -0.010 min
Response: 2632108
Conc: 19.42 ug/ml



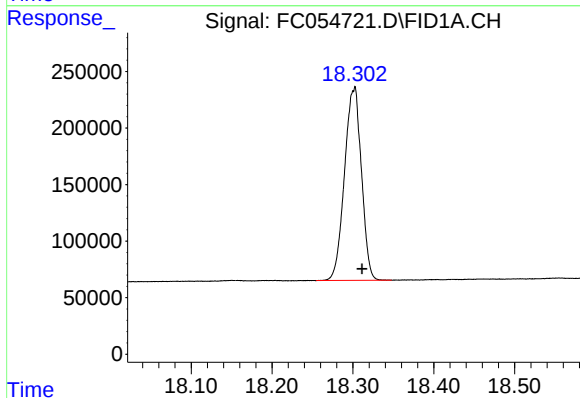
#16 n-Octacosane (C28)

R.T.: 16.584 min
Delta R.T.: -0.009 min
Response: 2604994
Conc: 18.98 ug/ml



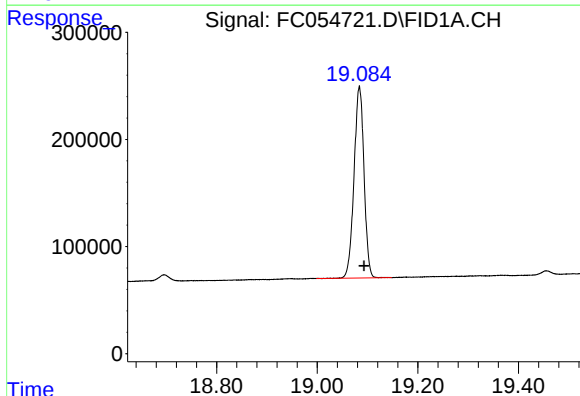
#17 n-Tricontane (C30)

R.T.: 17.469 min
Delta R.T.: -0.010 min
Response: 2546229
Conc: 18.38 ug/ml



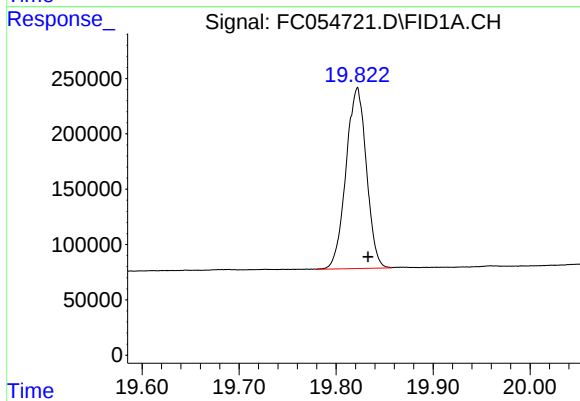
#18 n-Dotriacontane (C32)

R.T.: 18.301 min
Delta R.T.: -0.010 min
Response: 2481338
Conc: 18.14 ug/ml



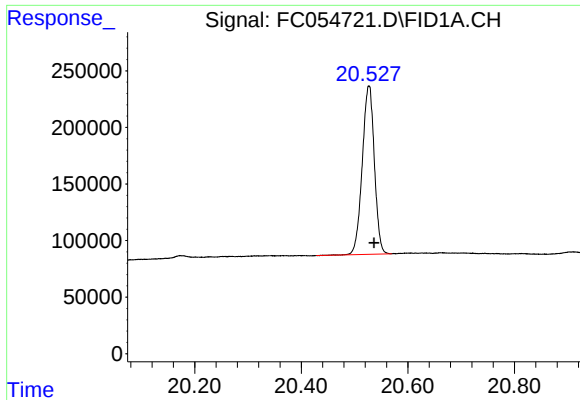
#19 n-Tetratriacontane (C34)

R.T.: 19.084 min
Delta R.T.: -0.009 min
Response: 2460881
Conc: 18.21 ug/ml



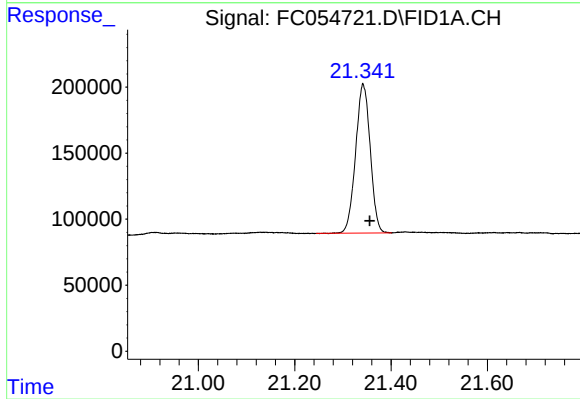
#20 n-Hexatriacontane (C36)

R.T.: 19.822 min
Delta R.T.: -0.011 min
Response: 2389273
Conc: 19.36 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.527 min
Delta R.T.: -0.010 min
Response: 2341642
Conc: 20.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.342 min
Delta R.T.: -0.014 min
Response: 2377179
Conc: 21.03 ug/ml