

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041522AL\
 Data File : FC059274.D
 Signal(s) : FID1A.CH
 Acq On : 16 Apr 2022 7:11
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 07:55:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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

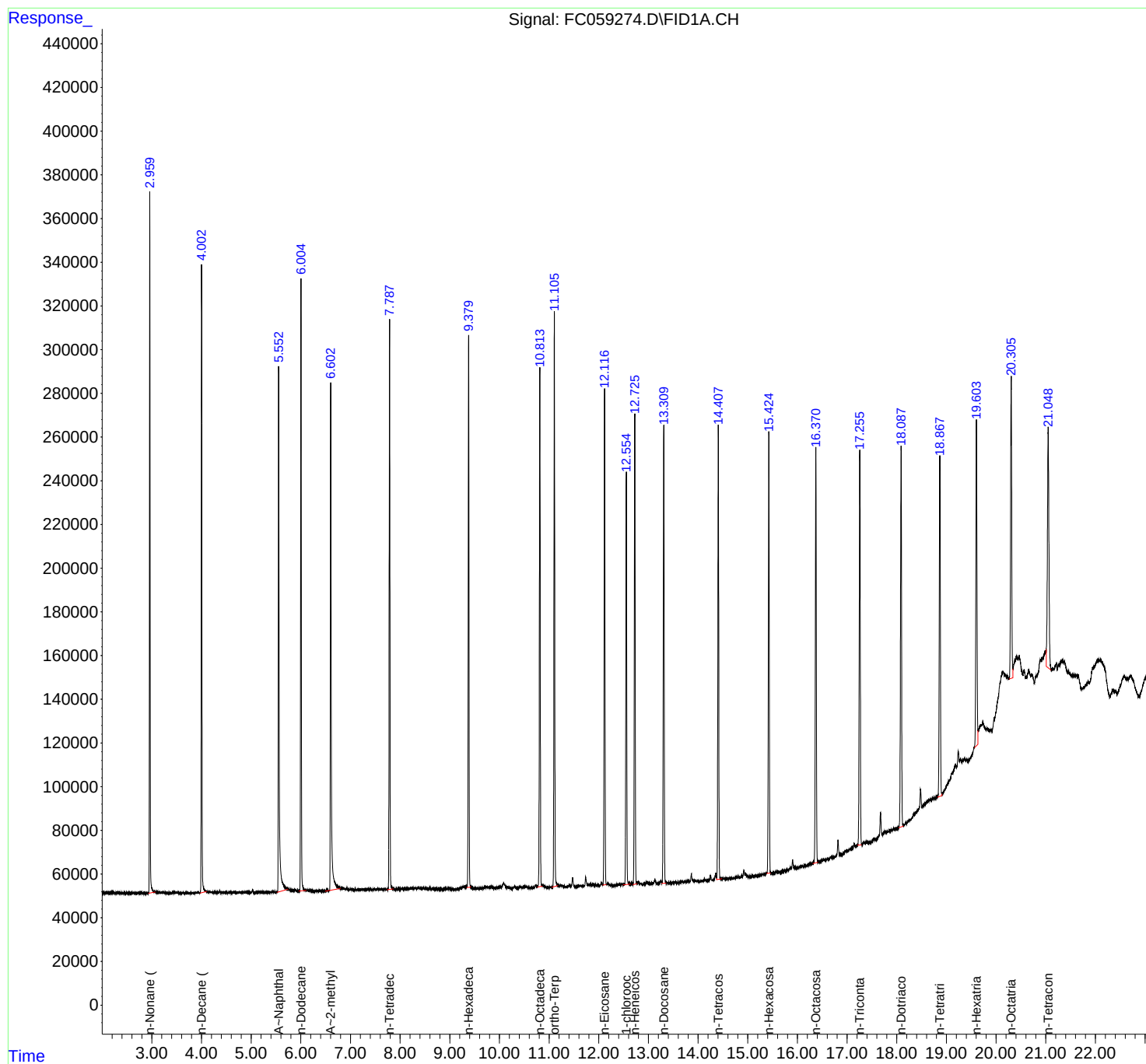
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.105	2971391	20.623 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
12) S 1-chlorooctadecane (S...	12.554	2313471	20.639 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T n-Nonane (C9)	2.959	2761722	22.536 ug/ml
2) T n-Decane (C10)	4.002	2756967	22.498 ug/ml
3) T A~Naphthalene (C11.7)	5.553	2890279	23.020 ug/ml
4) T n-Dodecane (C12)	6.004	2834620	22.193 ug/ml
5) T A~2-methylnaphthalene...	6.603	2910431	22.703 ug/ml
6) T n-Tetradecane (C14)	7.787	2811501	21.623 ug/ml
7) T n-Hexadecane (C16)	9.379	2777544	20.916 ug/mlm
8) T n-Octadecane (C18)	10.813	2811956	21.150 ug/ml
10) T n-Eicosane (C20)	12.116	2724575	20.794 ug/ml
11) T n-Heneicosane (C21)	12.725	2717864	20.830 ug/ml
13) T n-Docosane (C22)	13.309	2692455	20.784 ug/ml
14) T n-Tetracosane (C24)	14.407	2651802	20.992 ug/ml
15) T n-Hexacosane (C26)	15.424	2603087	21.550 ug/mlm
16) T n-Octacosane (C28)	16.370	2625128	22.169 ug/mlm
17) T n-Tricontane (C30)	17.255	2618886	22.957 ug/mlm
18) T n-Dotriacontane (C32)	18.087	2569408	23.984 ug/mlm
19) T n-Tetratriacontane (C34)	18.867	2409107	23.844 ug/mlm
20) T n-Hexatriacontane (C36)	19.603	2290992	23.977 ug/mlm
21) T n-Octatriacontane (C38)	20.305	2167251	23.552 ug/mlm
22) T n-Tetracontane (C40)	21.048	2309243	24.847 ug/mlm

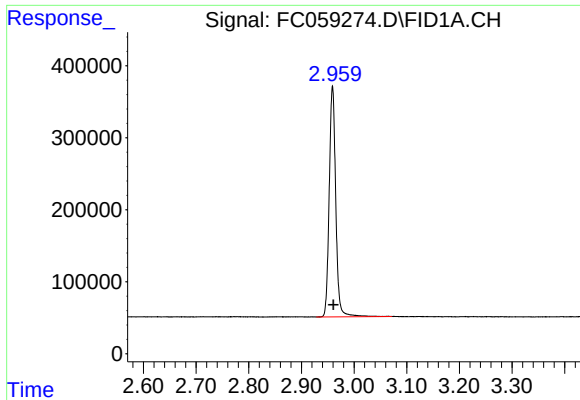
(f)=RT Delta > 1/2 Window

(m)=manual int.

Integration File: autoint1.e
Quant Time: Apr 16 07:55:17 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
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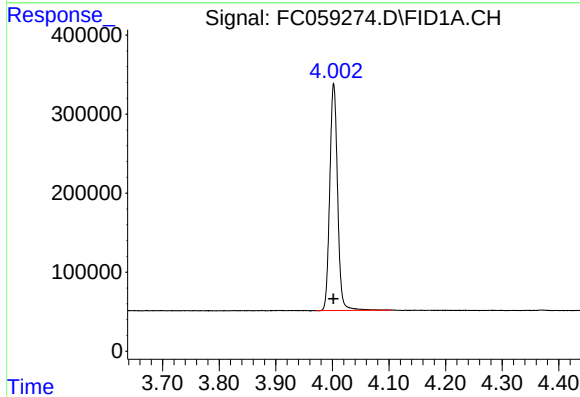
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





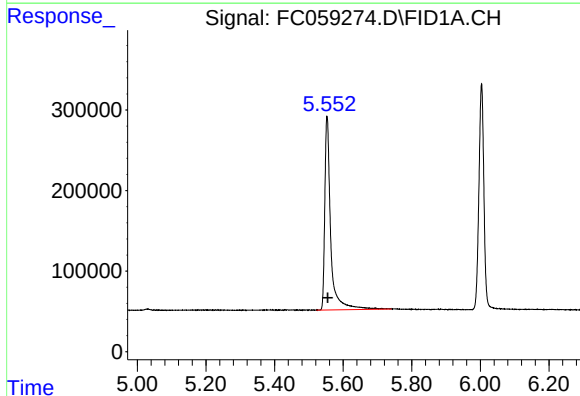
#1 n-Nonane (C9)

R.T.: 2.959 min
Delta R.T.: -0.002 min
Response: 2761722
Conc: 22.54 ug/ml



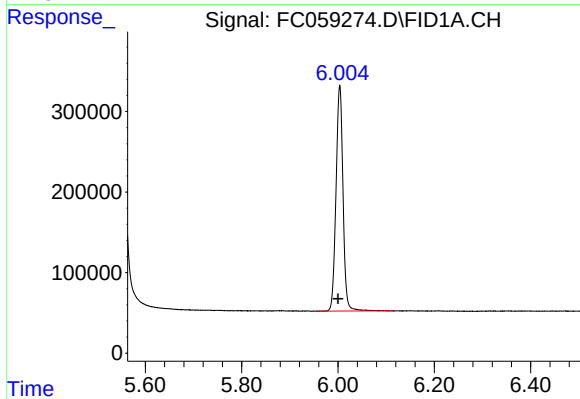
#2 n-Decane (C10)

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 2756967
Conc: 22.50 ug/ml



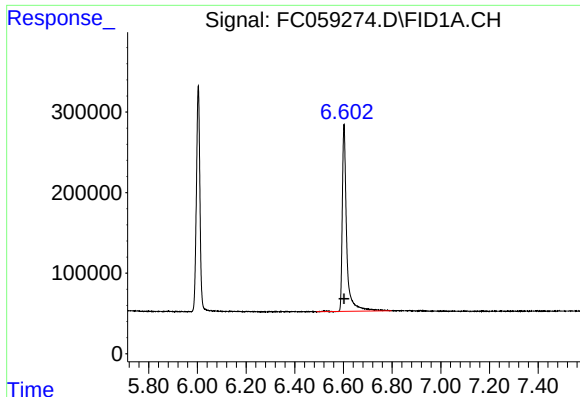
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.002 min
Response: 2890279
Conc: 23.02 ug/ml



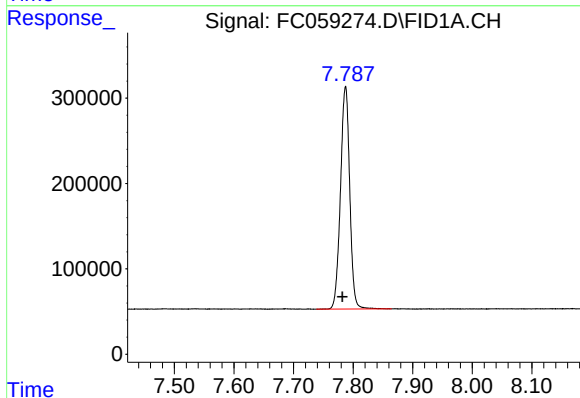
#4 n-Dodecane (C12)

R.T.: 6.004 min
Delta R.T.: 0.004 min
Response: 2834620
Conc: 22.19 ug/ml



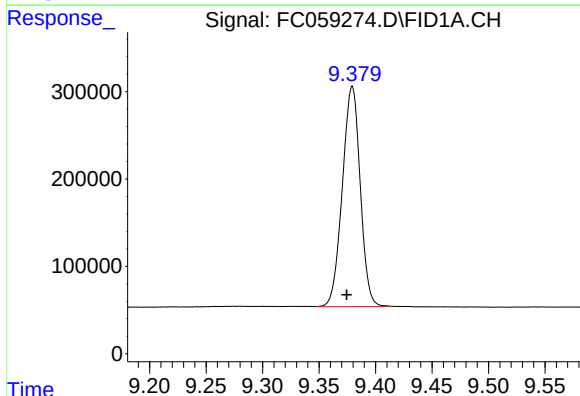
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 2910431
Conc: 22.70 ug/ml



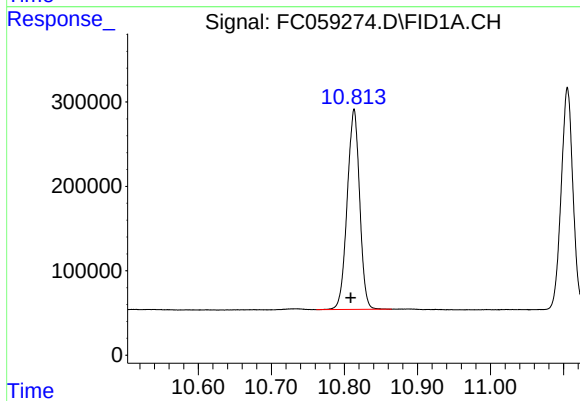
#6 n-Tetradecane (C14)

R.T.: 7.787 min
Delta R.T.: 0.005 min
Response: 2811501
Conc: 21.62 ug/ml



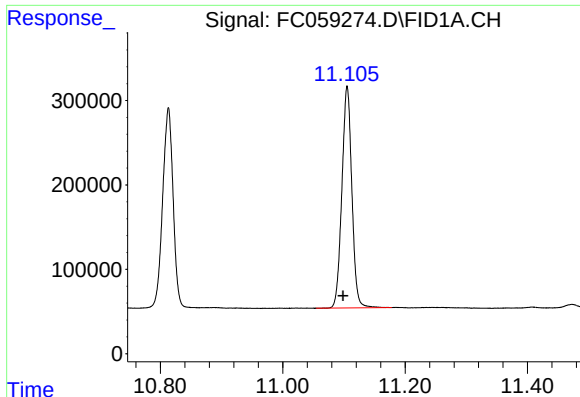
#7 n-Hexadecane (C16)

R.T.: 9.379 min
Delta R.T.: 0.005 min
Response: 2777544
Conc: 20.92 ug/ml m



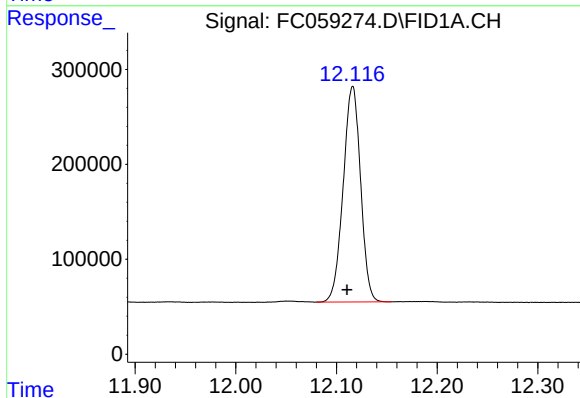
#8 n-Octadecane (C18)

R.T.: 10.813 min
Delta R.T.: 0.005 min
Response: 2811956
Conc: 21.15 ug/ml



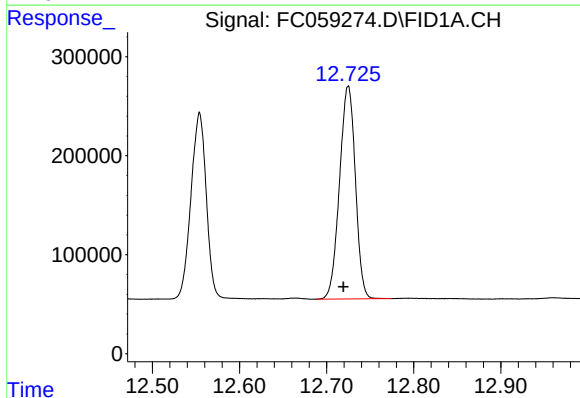
#9 ortho-Terphenyl (SURR)

R.T.: 11.105 min
Delta R.T.: 0.007 min
Response: 2971391
Conc: 20.62 ug/ml



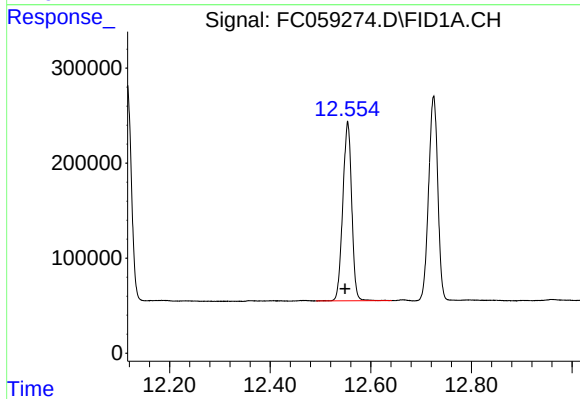
#10 n-Eicosane (C20)

R.T.: 12.116 min
Delta R.T.: 0.005 min
Response: 2724575
Conc: 20.79 ug/ml



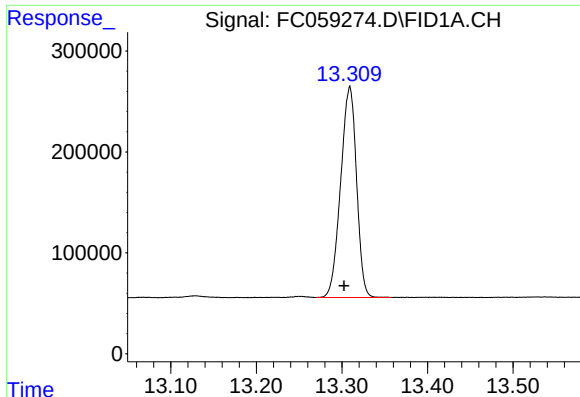
#11 n-Heneicosane (C21)

R.T.: 12.725 min
Delta R.T.: 0.005 min
Response: 2717864
Conc: 20.83 ug/ml



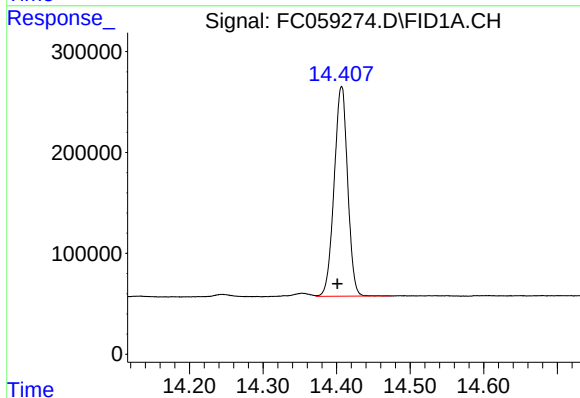
#12 1-chlorooctadecane (SURR)

R.T.: 12.554 min
Delta R.T.: 0.005 min
Response: 2313471
Conc: 20.64 ug/ml



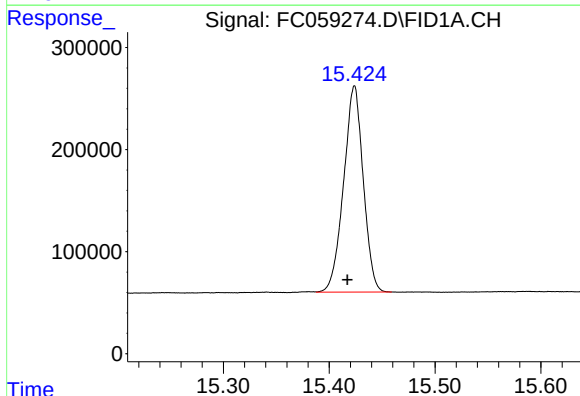
#13 n-Docosane (C22)

R.T.: 13.309 min
Delta R.T.: 0.006 min
Response: 2692455
Conc: 20.78 ug/ml



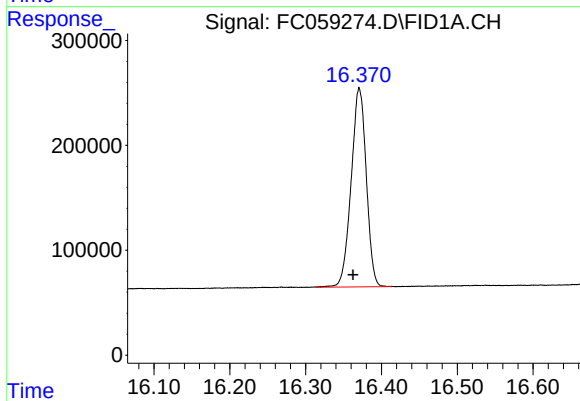
#14 n-Tetracosane (C24)

R.T.: 14.407 min
Delta R.T.: 0.005 min
Response: 2651802
Conc: 20.99 ug/ml



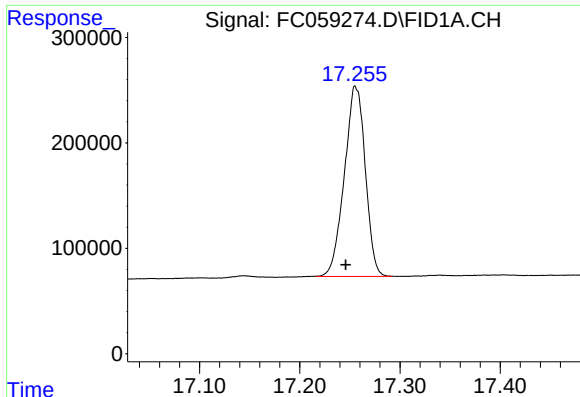
#15 n-Hexacosane (C26)

R.T.: 15.424 min
Delta R.T.: 0.007 min
Response: 2603087
Conc: 21.55 ug/ml m



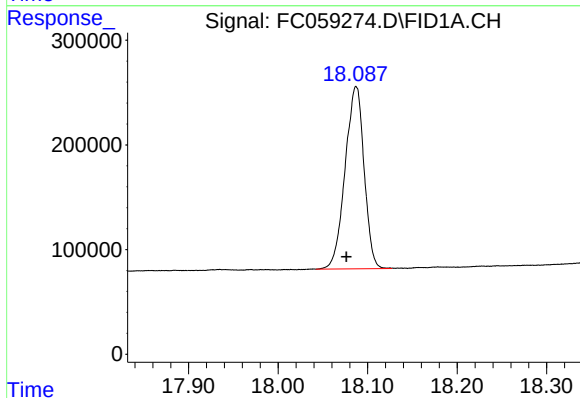
#16 n-Octacosane (C28)

R.T.: 16.370 min
Delta R.T.: 0.008 min
Response: 2625128
Conc: 22.17 ug/ml m



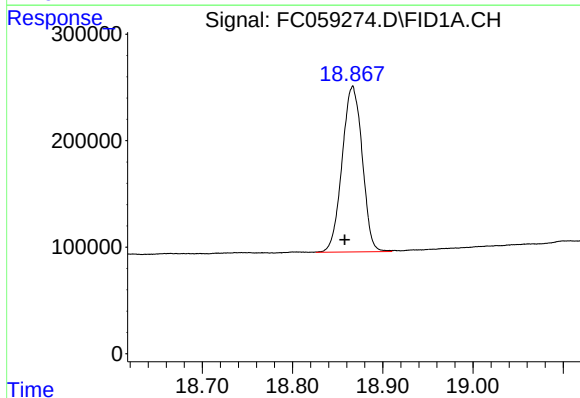
#17 n-Tricontane (C30)

R.T.: 17.255 min
Delta R.T.: 0.009 min
Response: 2618886
Conc: 22.96 ug/ml m



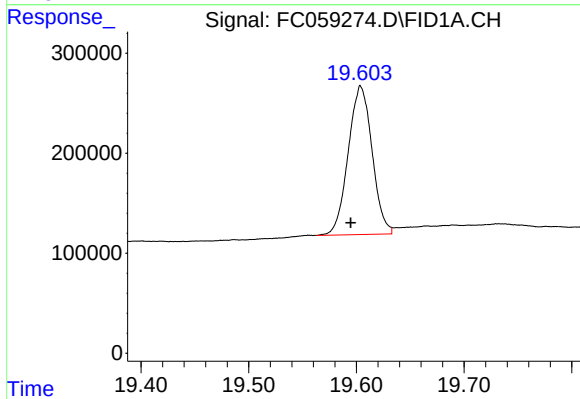
#18 n-Dotriacontane (C32)

R.T.: 18.087 min
Delta R.T.: 0.010 min
Response: 2569408
Conc: 23.98 ug/ml m



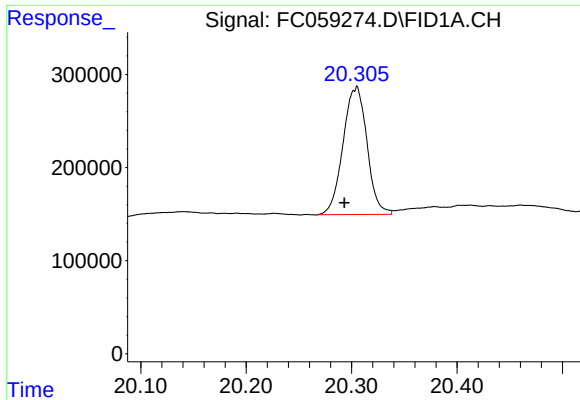
#19 n-Tetratriacontane (C34)

R.T.: 18.867 min
Delta R.T.: 0.009 min
Response: 2409107
Conc: 23.84 ug/ml m



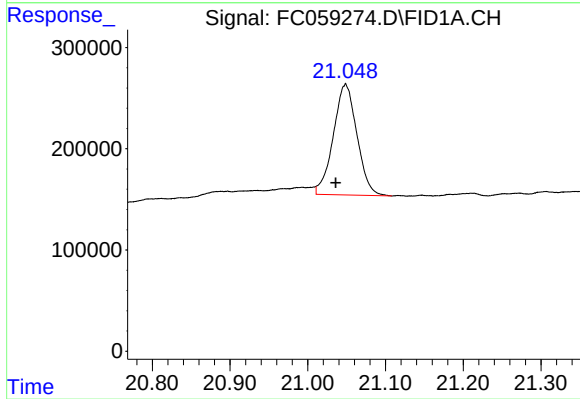
#20 n-Hexatriacontane (C36)

R.T.: 19.603 min
Delta R.T.: 0.008 min
Response: 2290992
Conc: 23.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.305 min
Delta R.T.: 0.012 min
Response: 2167251
Conc: 23.55 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.048 min
Delta R.T.: 0.013 min
Response: 2309243
Conc: 24.85 ug/ml m