

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101019AL\
 Data File : FC043910.D
 Signal(s) : FID1A.CH
 Acq On : 11 Oct 2019 10:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 14:42:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 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)	11.570	3094819	20.390 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
12) S 1-chlorooctadecane (S...	12.990	2360532	19.910 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
Target Compounds			
1) T n-Nonane (C9)	3.423	2819567	23.321 ug/ml
2) T n-Decane (C10)	4.475	2862024	23.645 ug/ml
3) T A~Naphthalene (C11.7)	6.054	2798940	23.773 ug/ml
4) T n-Dodecane (C12)	6.465	2999011	23.711 ug/ml
5) T A~2-methylnaphthalene...	7.098	2778834	23.060 ug/ml
6) T n-Tetradecane (C14)	8.239	3012349	23.402 ug/ml
7) T n-Hexadecane (C16)	9.823	2999047	22.777 ug/ml
8) T n-Octadecane (C18)	11.250	2960046	21.702 ug/ml
10) T n-Eicosane (C20)	12.547	2881449	20.645 ug/ml
11) T n-Heneicosane (C21)	13.153	2854198	20.084 ug/ml
13) T n-Docosane (C22)	13.734	2773061	19.516 ug/ml
14) T n-Tetracosane (C24)	14.828	2672451	18.616 ug/ml
15) T n-Hexacosane (C26)	15.841	2568206	17.960 ug/ml
16) T n-Octacosane (C28)	16.784	2501621	17.647 ug/ml
17) T n-Tricontane (C30)	17.666	2500538	17.830 ug/ml
18) T n-Dotriacontane (C32)	18.493	2434155	18.325 ug/ml
19) T n-Tetratriacontane (C34)	19.273	2406015	19.257 ug/ml
21) T n-Octatriacontane (C38)	20.729	2247669	21.118 ug/ml
22) T n-Tetracontane (C40)	21.606f	2302029	22.017 ug/ml

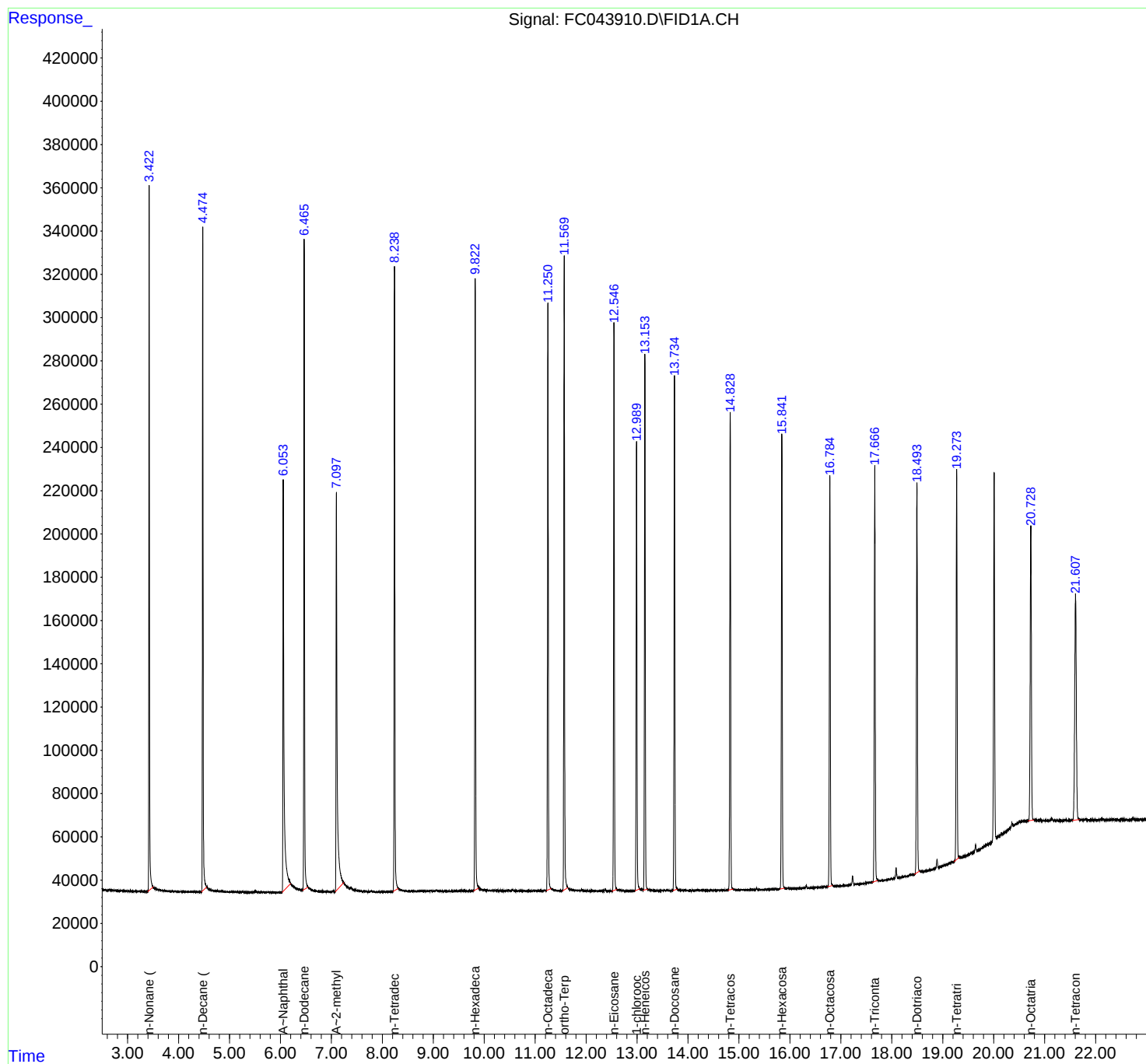
(f)=RT Delta > 1/2 Window

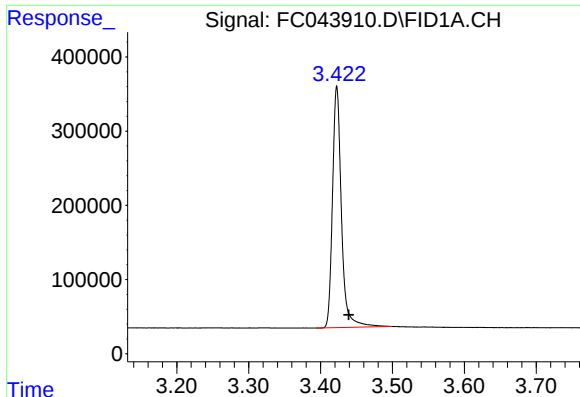
(m)=manual int.

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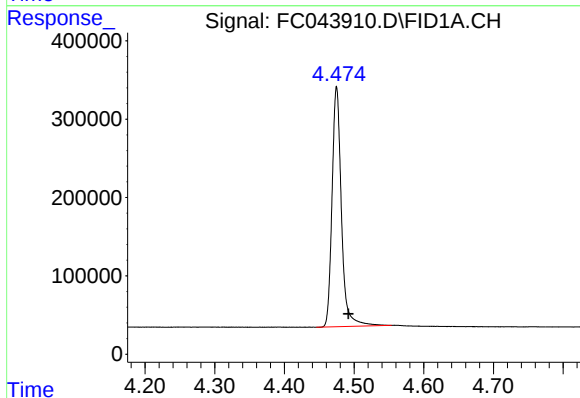
Volume Inj. : 1 ul
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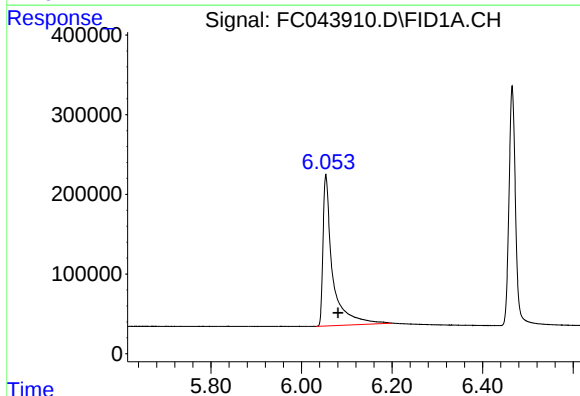
#1 n-Nonane (C9)

R.T.: 3.423 min
Delta R.T.: -0.016 min
Response: 2819567
Conc: 23.32 ug/ml



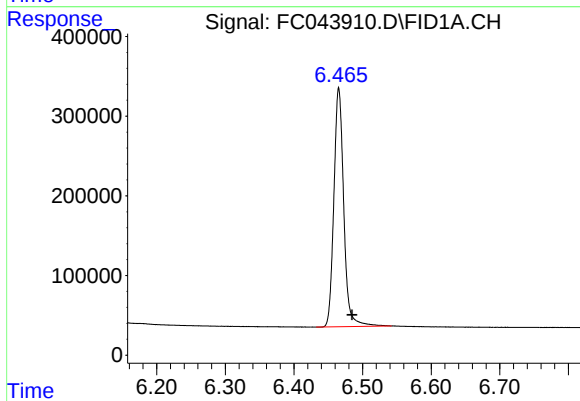
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.017 min
Response: 2862024
Conc: 23.65 ug/ml



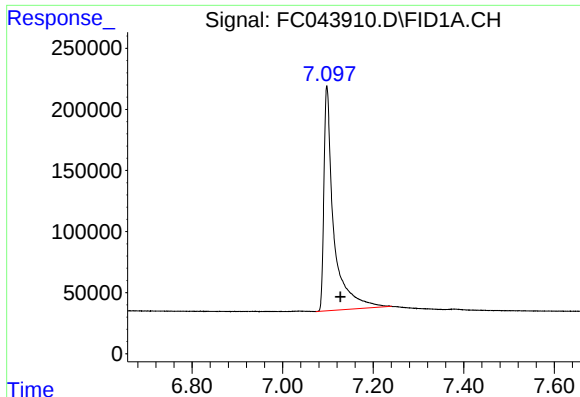
#3 A~Naphthalene (C11.7)

R.T.: 6.054 min
Delta R.T.: -0.027 min
Response: 2798940
Conc: 23.77 ug/ml



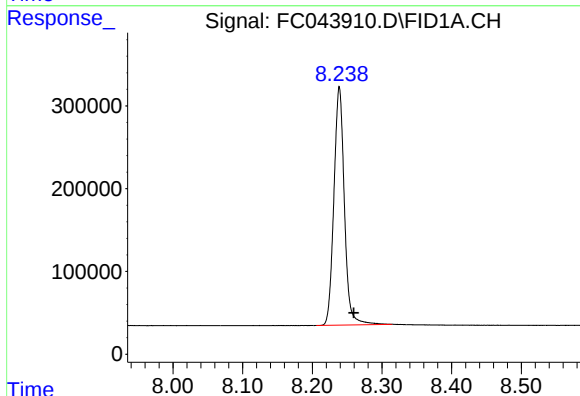
#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.019 min
Response: 2999011
Conc: 23.71 ug/ml



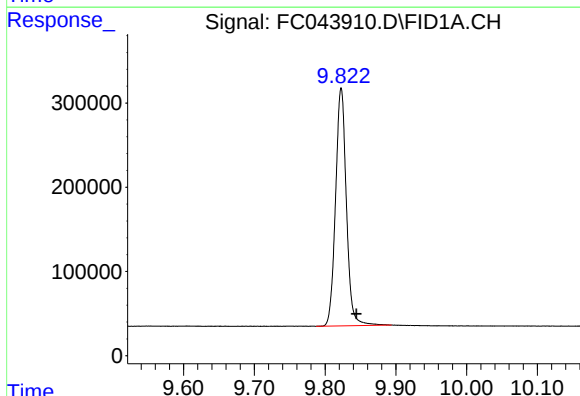
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.098 min
Delta R.T.: -0.029 min
Response: 2778834
Conc: 23.06 ug/ml



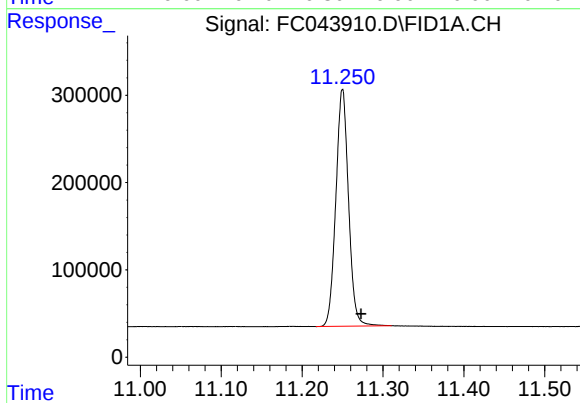
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: -0.021 min
Response: 3012349
Conc: 23.40 ug/ml



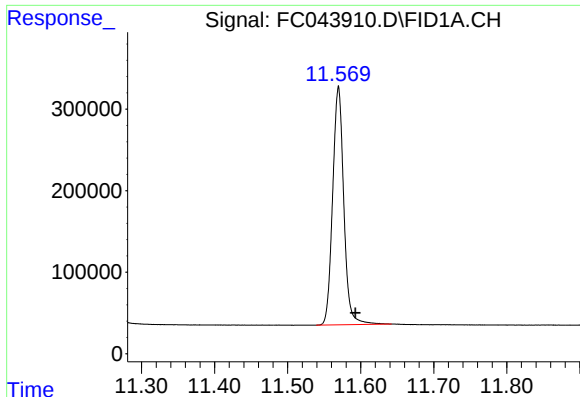
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: -0.021 min
Response: 2999047
Conc: 22.78 ug/ml



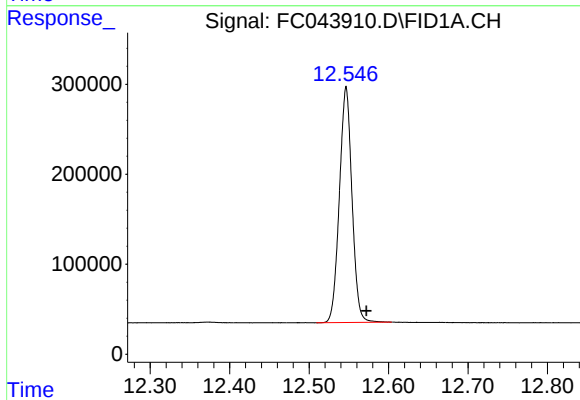
#8 n-Octadecane (C18)

R.T.: 11.250 min
Delta R.T.: -0.023 min
Response: 2960046
Conc: 21.70 ug/ml



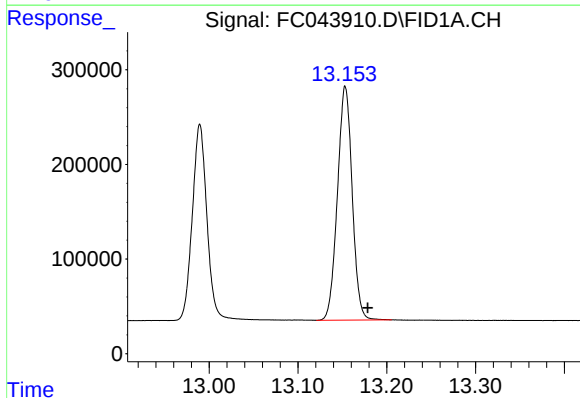
#9 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: -0.023 min
Response: 3094819
Conc: 20.39 ug/ml



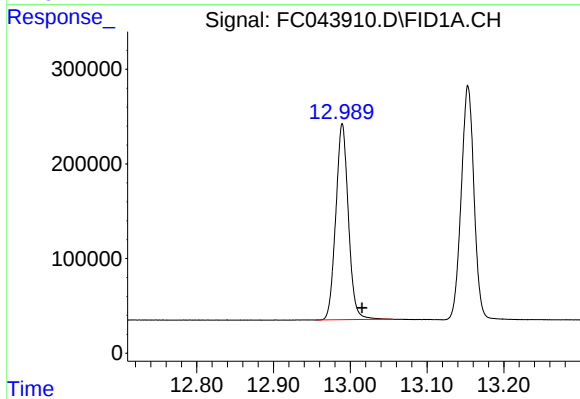
#10 n-Eicosane (C20)

R.T.: 12.547 min
Delta R.T.: -0.026 min
Response: 2881449
Conc: 20.64 ug/ml



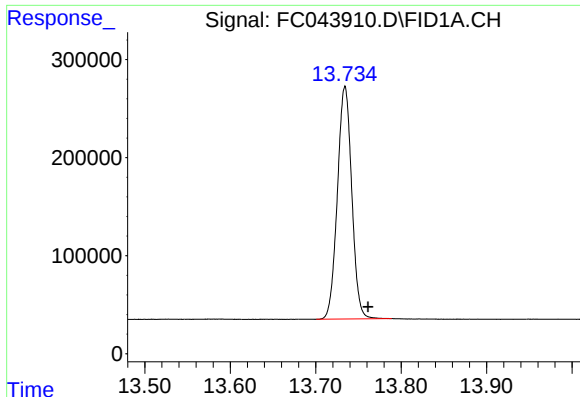
#11 n-Heneicosane (C21)

R.T.: 13.153 min
Delta R.T.: -0.025 min
Response: 2854198
Conc: 20.08 ug/ml



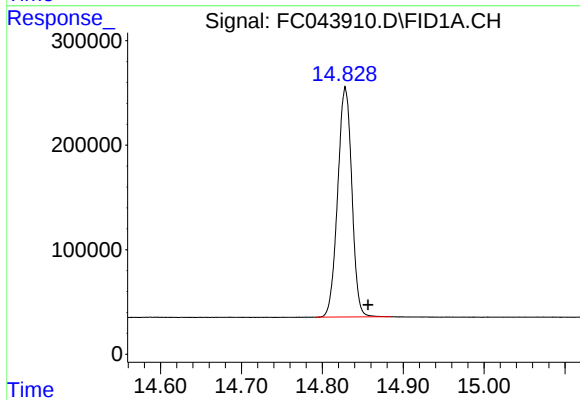
#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: -0.026 min
Response: 2360532
Conc: 19.91 ug/ml



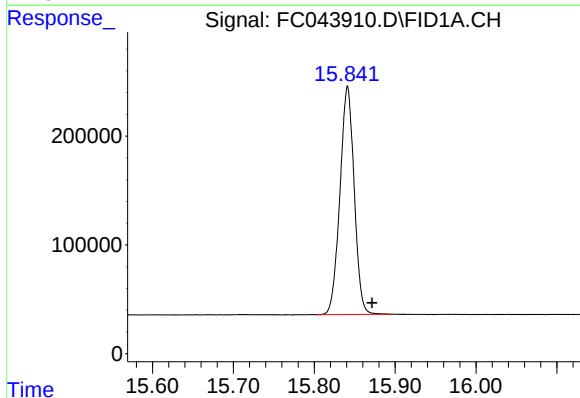
#13 n-Docosane (C22)

R.T.: 13.734 min
Delta R.T.: -0.027 min
Response: 2773061
Conc: 19.52 ug/ml



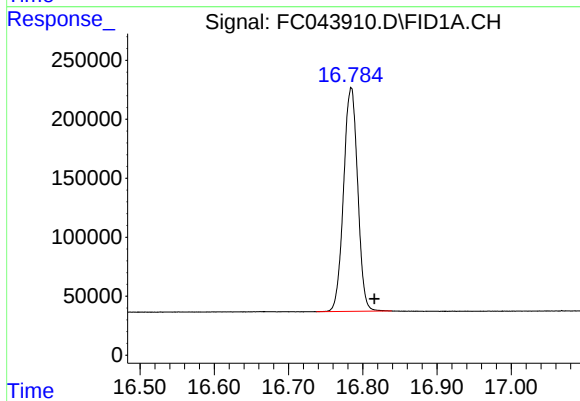
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.028 min
Response: 2672451
Conc: 18.62 ug/ml



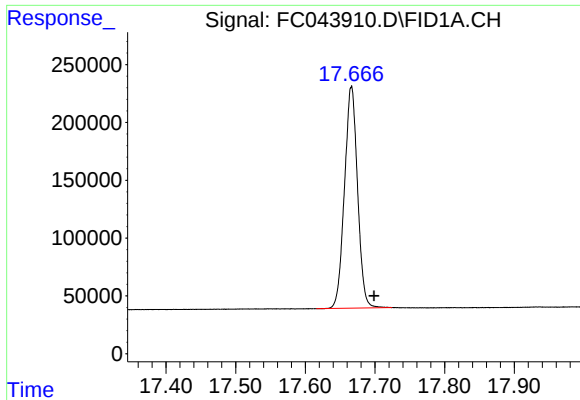
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: -0.030 min
Response: 2568206
Conc: 17.96 ug/ml



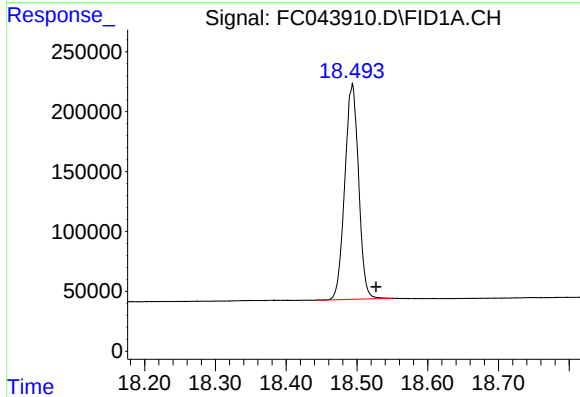
#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: -0.031 min
Response: 2501621
Conc: 17.65 ug/ml



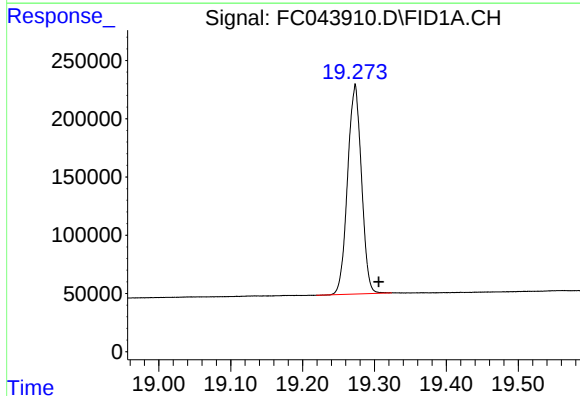
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: -0.033 min
Response: 2500538
Conc: 17.83 ug/ml



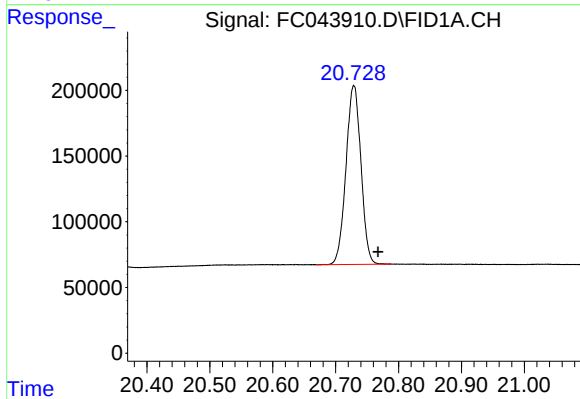
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: -0.033 min
Response: 2434155
Conc: 18.32 ug/ml



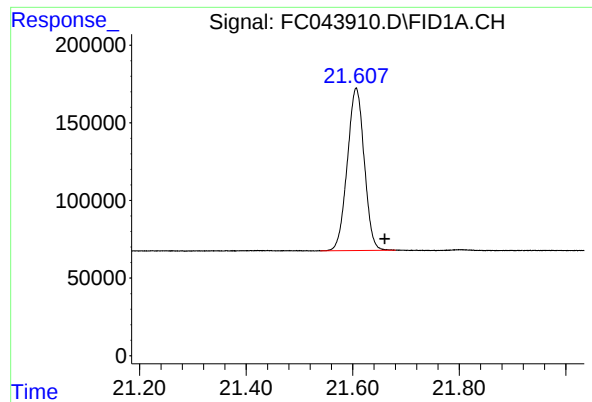
#19 n-Tetratriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.033 min
Response: 2406015
Conc: 19.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: -0.038 min
Response: 2247669
Conc: 21.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: -0.054 min
Response: 2302029
Conc: 22.02 ug/ml