

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013023AL\
 Data File : FC062801.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jan 2023 12:05
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 00:50:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.540	2699862	21.712 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
12) S 1-chlorooctadecane (S...	12.979	2035473	21.581 ug/ml
Spiked Amount 50.000		Recovery =	43.16%
Target Compounds			
1) T n-Nonane (C9)	3.301	2322034	21.486 ug/ml
2) T n-Decane (C10)	4.368	2261902	21.771 ug/ml
3) T A~Naphthalene (C11.7)	5.951	2596642	21.956 ug/ml
4) T n-Dodecane (C12)	6.387	2253721	21.802 ug/ml
5) T A~2-methylnaphthalene...	7.009	2460510	22.488 ug/ml
6) T n-Tetradecane (C14)	8.184	2312970	22.546 ug/ml
7) T n-Hexadecane (C16)	9.785	2373808	21.941 ug/ml
8) T n-Octadecane (C18)	11.227	2425164	21.876 ug/ml
10) T n-Eicosane (C20)	12.536	2368105	21.720 ug/ml
11) T n-Heneicosane (C21)	13.148	2369619	21.771 ug/ml
13) T n-Docosane (C22)	13.733	2345544	21.772 ug/ml
14) T n-Tetracosane (C24)	14.833	2355747	21.996 ug/ml
15) T n-Hexacosane (C26)	15.854	2340185	22.207 ug/ml
16) T n-Octacosane (C28)	16.803	2338116	22.376 ug/ml
17) T n-Tricontane (C30)	17.688	2369645	22.693 ug/ml
18) T n-Dotriacontane (C32)	18.519	2394003	22.164 ug/ml
19) T n-Tetratriacontane (C34)	19.301	2332583	22.192 ug/ml
20) T n-Hexatriacontane (C36)	20.038	2220601	22.050 ug/ml
21) T n-Octatriacontane (C38)	20.766	2170543	21.619 ug/ml
22) T n-Tetracontane (C40)	21.667	2089994	21.684 ug/ml

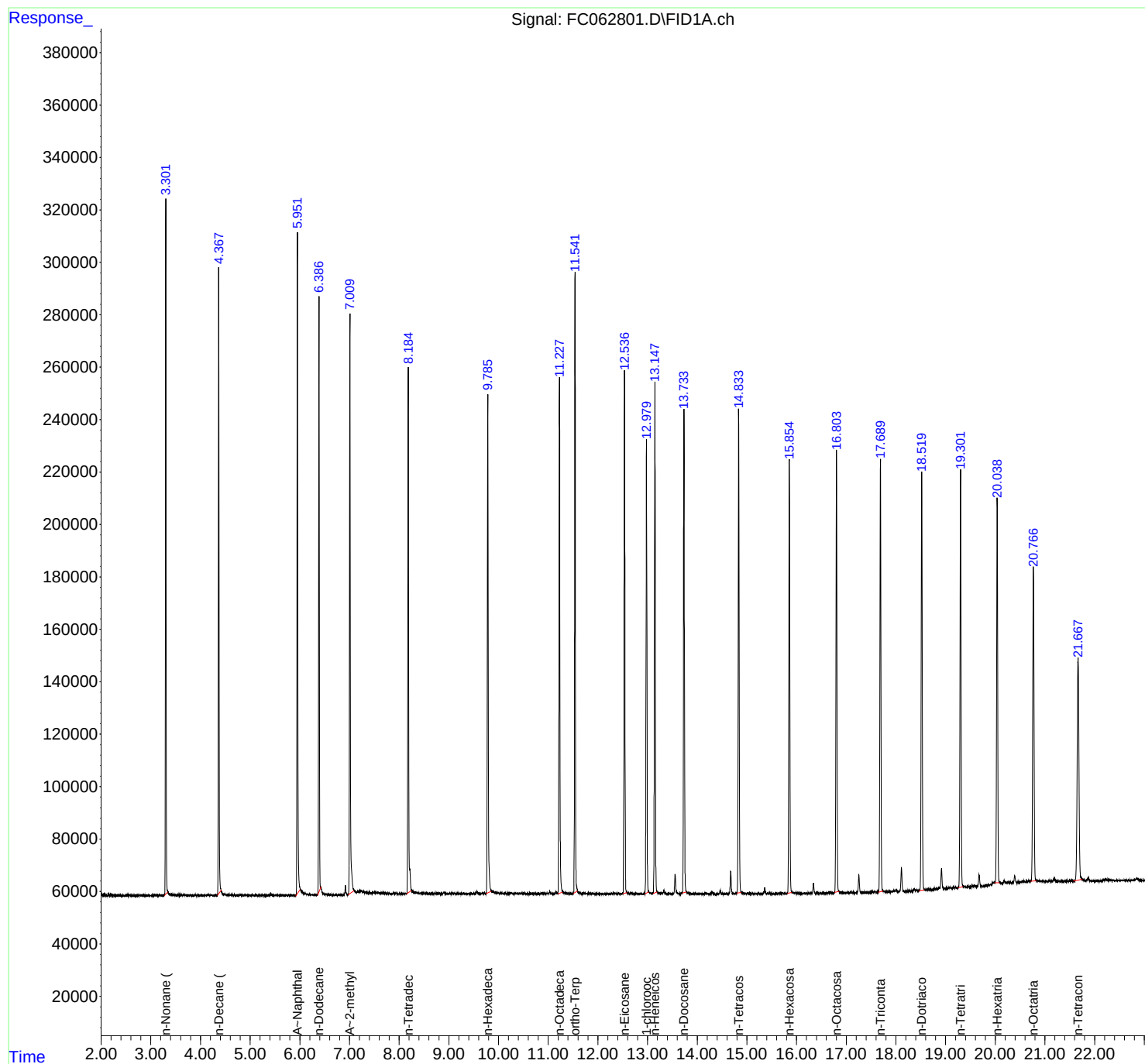
(f)=RT Delta > 1/2 Window

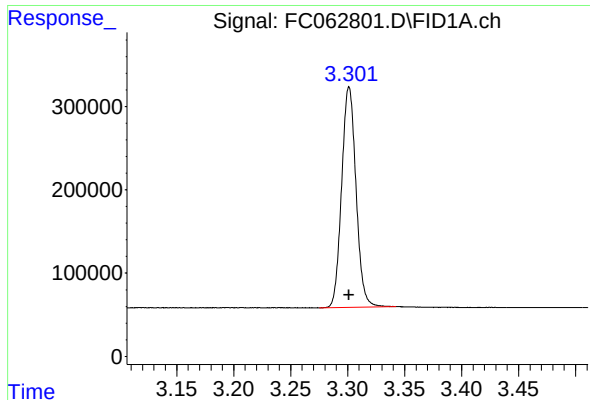
(m)=manual int.

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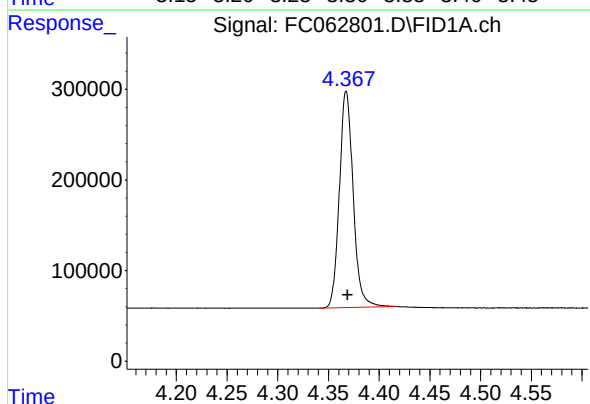
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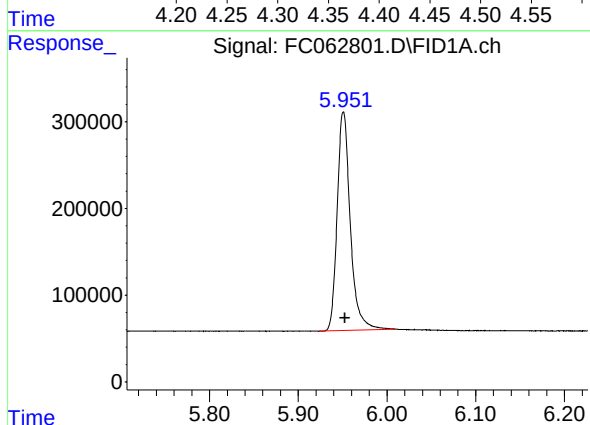
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 2322034
Conc: 21.49 ug/ml



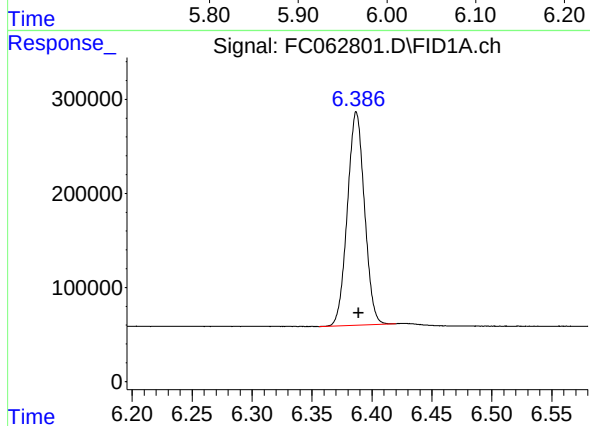
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 2261902
Conc: 21.77 ug/ml



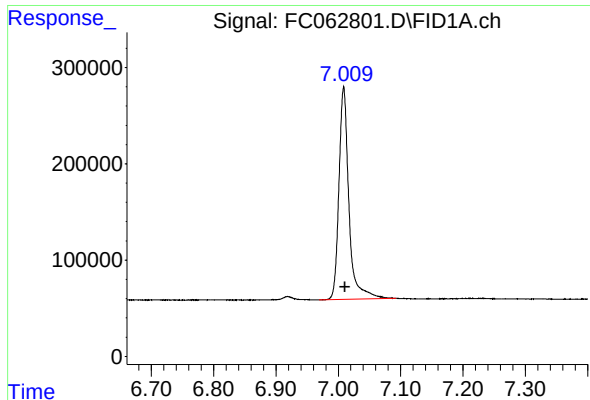
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 2596642
Conc: 21.96 ug/ml



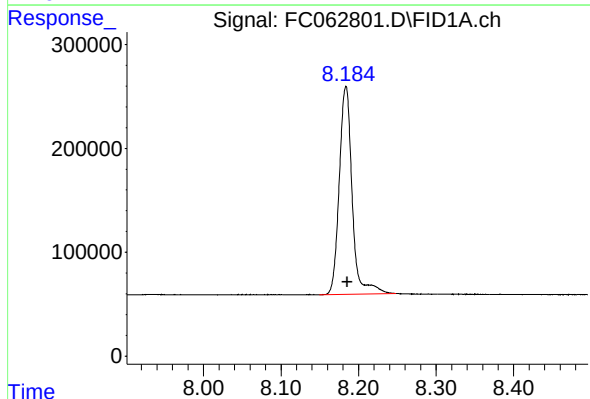
#4 n-Dodecane (C12)

R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 2253721
Conc: 21.80 ug/ml



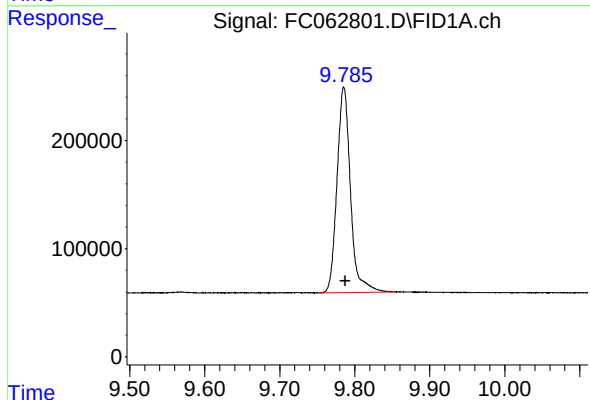
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 2460510
Conc: 22.49 ug/ml



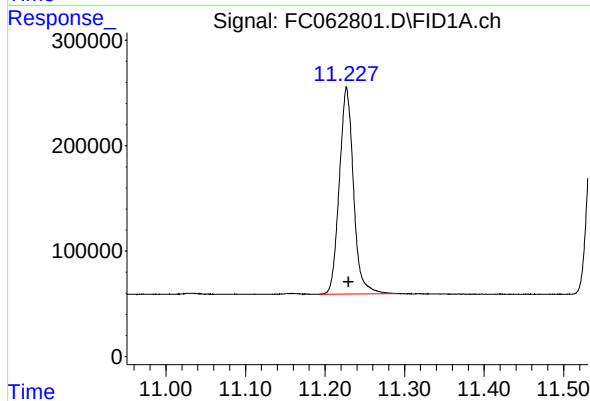
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: -0.002 min
Response: 2312970
Conc: 22.55 ug/ml



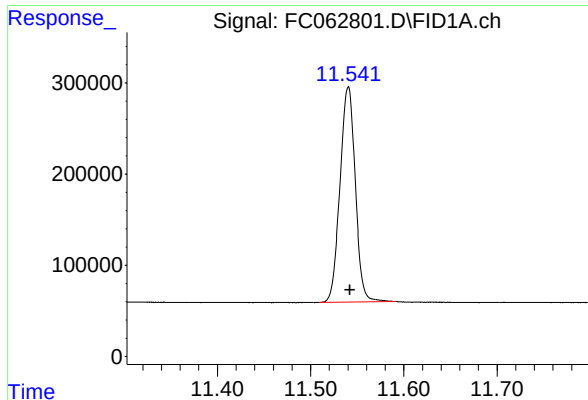
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.002 min
Response: 2373808
Conc: 21.94 ug/ml



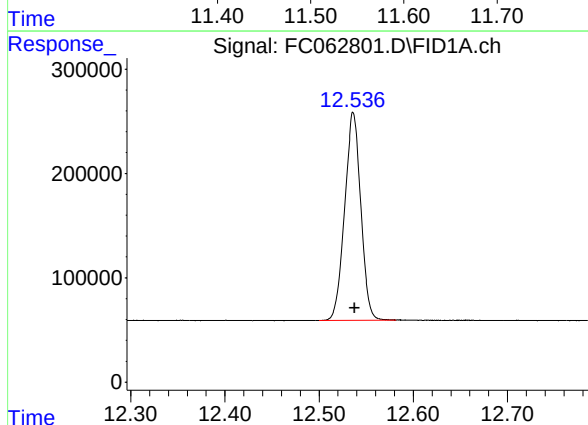
#8 n-Octadecane (C18)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 2425164
Conc: 21.88 ug/ml



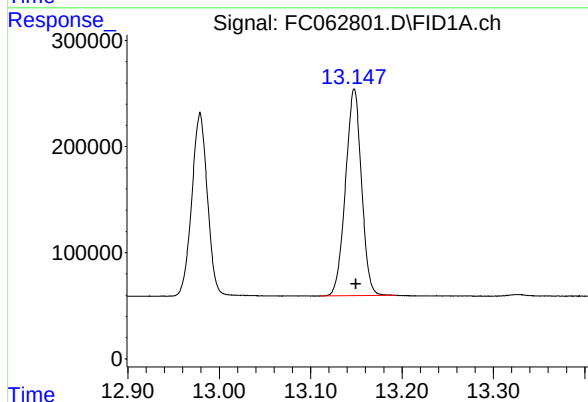
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.002 min
Response: 2699862
Conc: 21.71 ug/ml



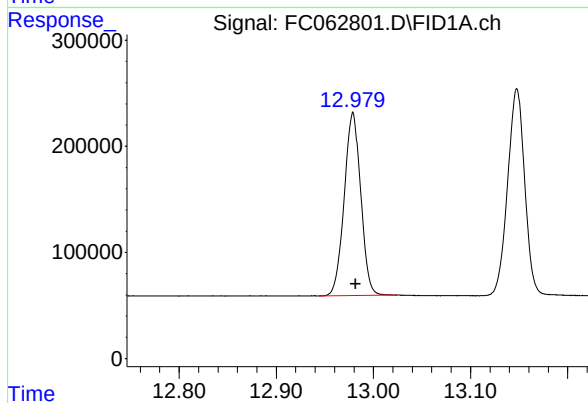
#10 n-Eicosane (C20)

R.T.: 12.536 min
Delta R.T.: -0.001 min
Response: 2368105
Conc: 21.72 ug/ml



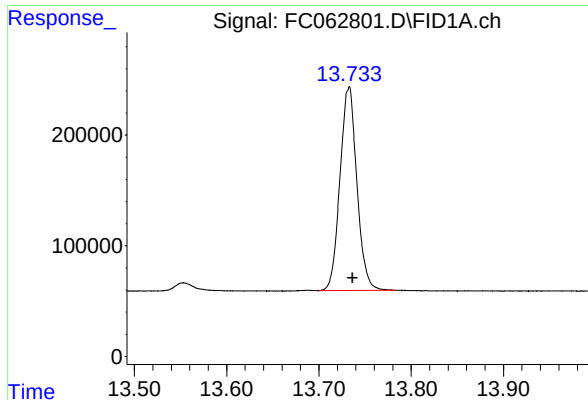
#11 n-Heneicosane (C21)

R.T.: 13.148 min
Delta R.T.: -0.002 min
Response: 2369619
Conc: 21.77 ug/ml



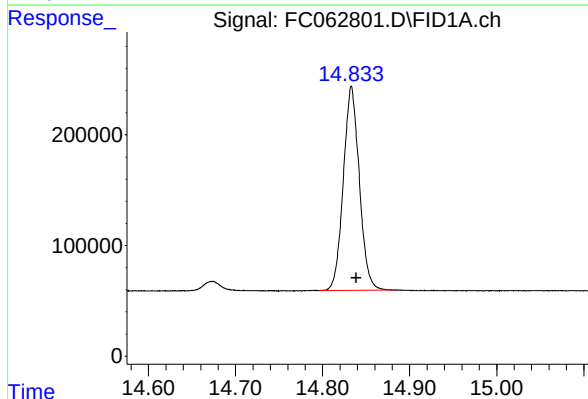
#12 1-chlorooctadecane (SURR)

R.T.: 12.979 min
Delta R.T.: -0.002 min
Response: 2035473
Conc: 21.58 ug/ml



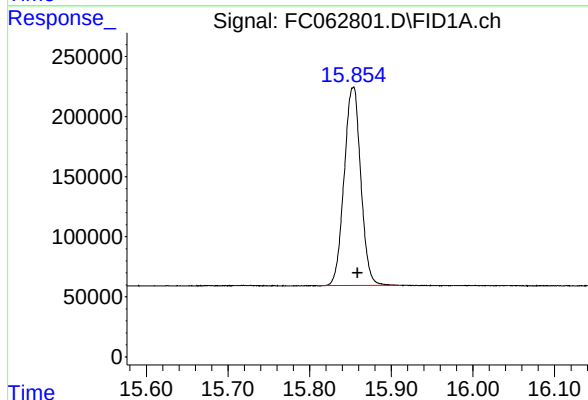
#13 n-Docosane (C22)

R.T.: 13.733 min
Delta R.T.: -0.004 min
Response: 2345544
Conc: 21.77 ug/ml



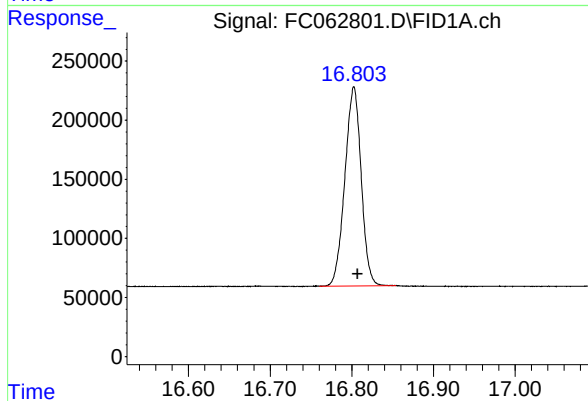
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: -0.005 min
Response: 2355747
Conc: 22.00 ug/ml



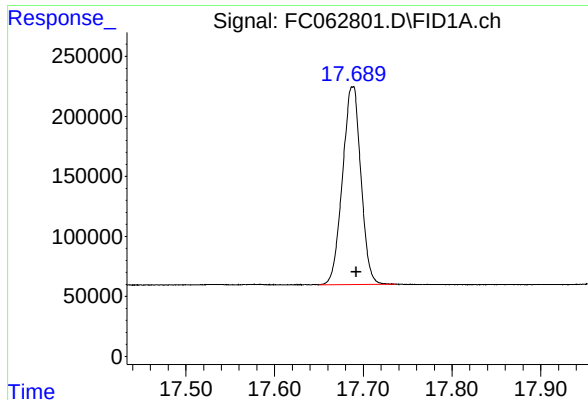
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: -0.005 min
Response: 2340185
Conc: 22.21 ug/ml



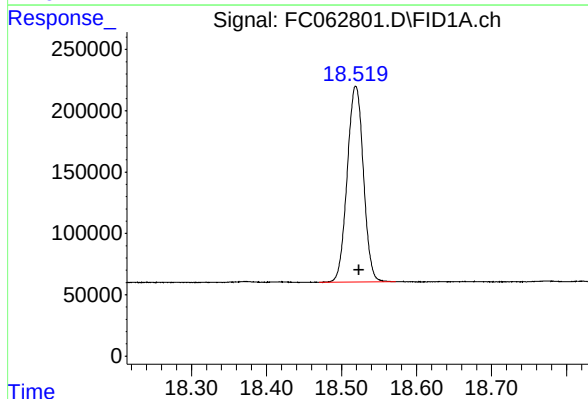
#16 n-Octacosane (C28)

R.T.: 16.803 min
Delta R.T.: -0.004 min
Response: 2338116
Conc: 22.38 ug/ml



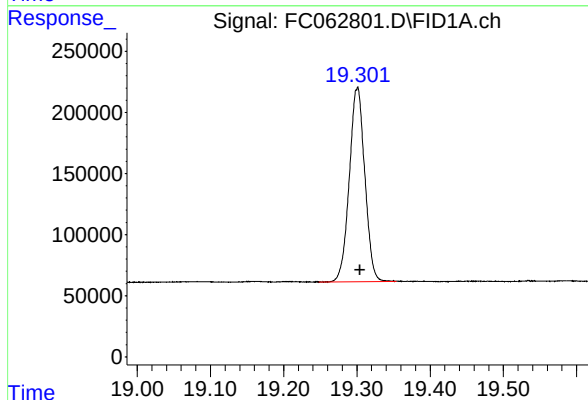
#17 n-Tricontane (C30)

R.T.: 17.688 min
Delta R.T.: -0.004 min
Response: 2369645
Conc: 22.69 ug/ml



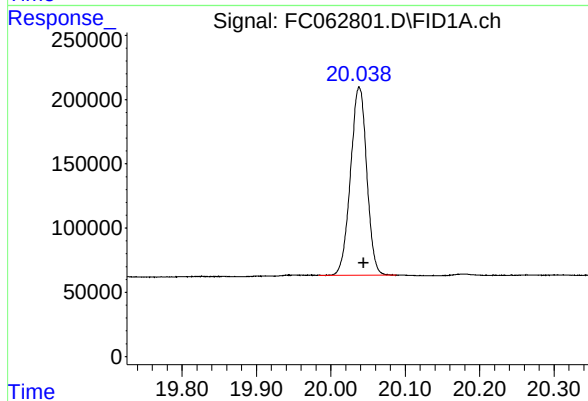
#18 n-Dotriacontane (C32)

R.T.: 18.519 min
Delta R.T.: -0.004 min
Response: 2394003
Conc: 22.16 ug/ml



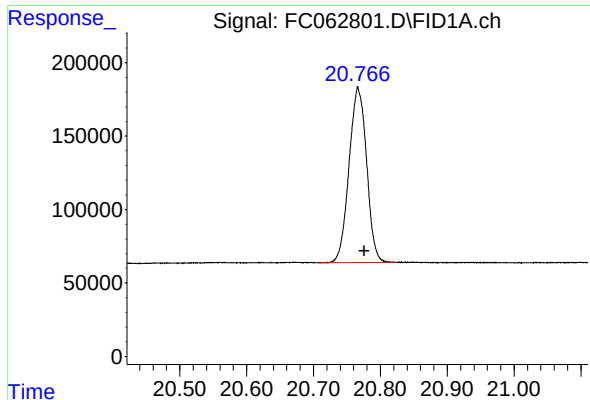
#19 n-Tetratriacontane (C34)

R.T.: 19.301 min
Delta R.T.: -0.004 min
Response: 2332583
Conc: 22.19 ug/ml



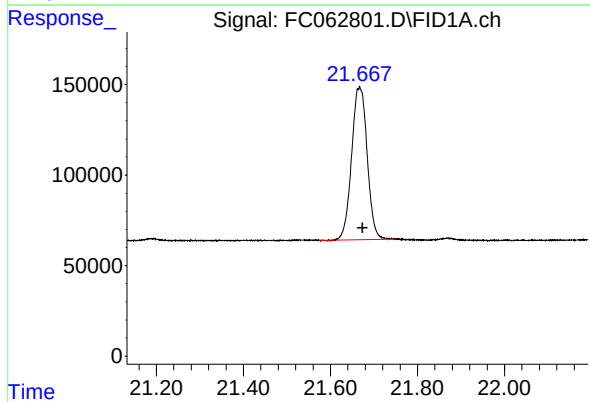
#20 n-Hexatriacontane (C36)

R.T.: 20.038 min
Delta R.T.: -0.006 min
Response: 2220601
Conc: 22.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: -0.009 min
Response: 2170543
Conc: 21.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.667 min
Delta R.T.: -0.007 min
Response: 2089994
Conc: 21.68 ug/ml