

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081120AL\
 Data File : FC048960.D
 Signal(s) : FID1A.CH
 Acq On : 12 Aug 2020 3:10
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 12 09:05:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.674	2746997	23.120 ug/ml
Spiked Amount 50.000		Recovery =	46.24%
12) S 1-chlorooctadecane (S...	13.106	2244952	23.077 ug/ml
Spiked Amount 50.000		Recovery =	46.15%
Target Compounds			
1) T n-Nonane (C9)	3.408	2368297	22.707 ug/ml
2) T n-Decane (C10)	4.482	2411568	22.992 ug/ml
3) T A~Naphthalene (C11.7)	6.079	2722733	23.022 ug/ml
4) T n-Dodecane (C12)	6.508	2453806	23.135 ug/ml
5) T A~2-methylnaphthalene...	7.138	2784208	23.092 ug/ml
6) T n-Tetradecane (C14)	8.306	2440685	23.177 ug/ml
7) T n-Hexadecane (C16)	9.908	2428441	23.136 ug/ml
8) T n-Octadecane (C18)	11.350	2541091	23.130 ug/ml
10) T n-Eicosane (C20)	12.661	2571918	23.112 ug/ml
11) T n-Heneicosane (C21)	13.272	2578036	23.078 ug/ml
13) T n-Docosane (C22)	13.858	2591459	23.055 ug/ml
14) T n-Tetracosane (C24)	14.960	2606461	22.926 ug/ml
15) T n-Hexacosane (C26)	15.980	2583160	22.576 ug/ml
16) T n-Octacosane (C28)	16.927	2563155	22.032 ug/ml
17) T n-Tricontane (C30)	17.813	2475376	21.414 ug/ml
18) T n-Dotriacontane (C32)	18.644	2238676	20.704 ug/ml
19) T n-Tetratriacontane (C34)	19.425	2065460	19.914 ug/ml
20) T n-Hexatriacontane (C36)	20.164	1929036	19.401 ug/ml
21) T n-Octatriacontane (C38)	20.918	1821990	19.268 ug/ml
22) T n-Tetracontane (C40)	21.861	1845520	19.332 ug/ml

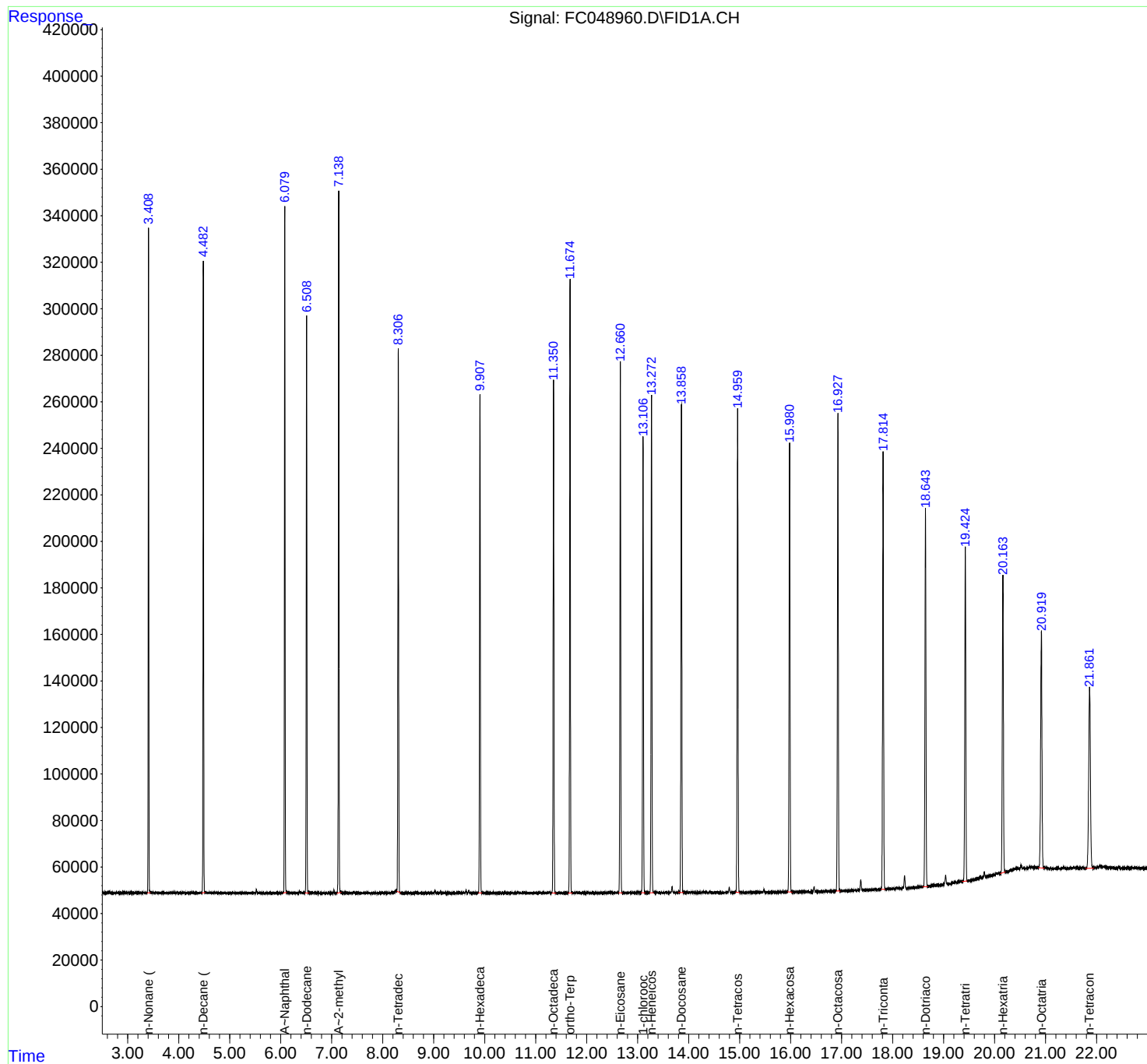
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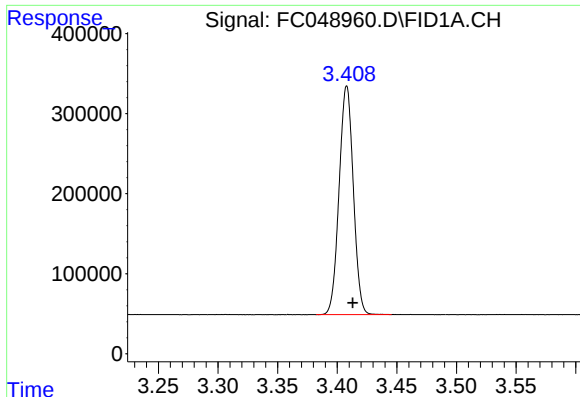
(m)=manual int.

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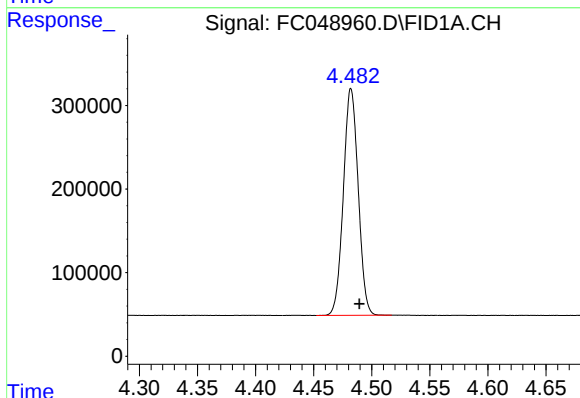
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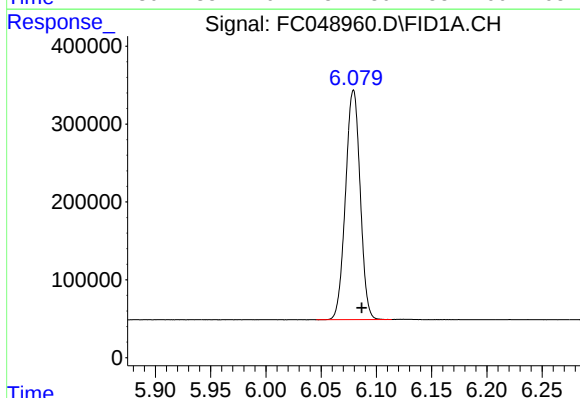
#1 n-Nonane (C9)

R.T.: 3.408 min
Delta R.T.: -0.005 min
Response: 2368297
Conc: 22.71 ug/ml



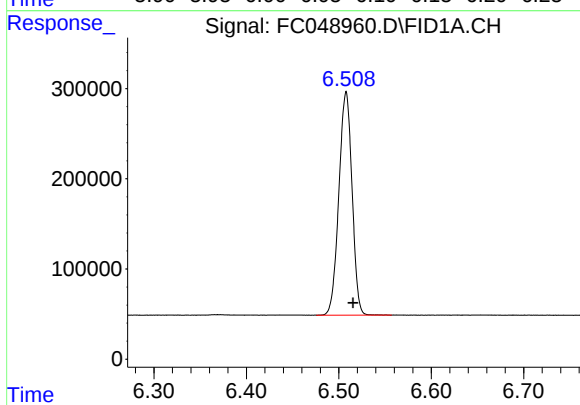
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: -0.007 min
Response: 2411568
Conc: 22.99 ug/ml



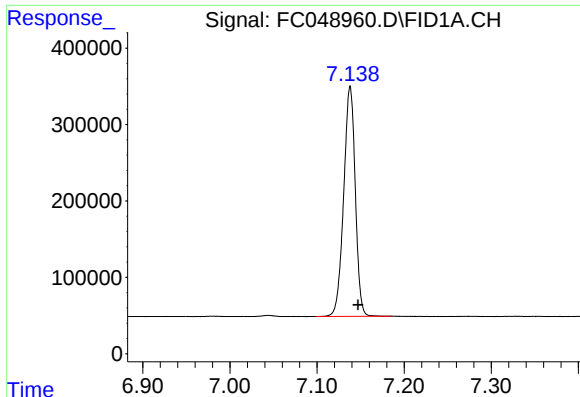
#3 A~Naphthalene (C11.7)

R.T.: 6.079 min
Delta R.T.: -0.008 min
Response: 2722733
Conc: 23.02 ug/ml



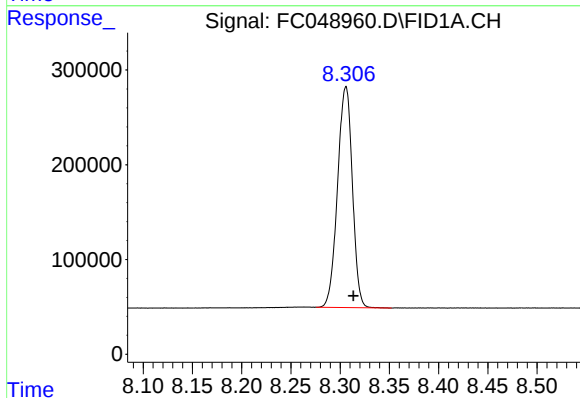
#4 n-Dodecane (C12)

R.T.: 6.508 min
Delta R.T.: -0.007 min
Response: 2453806
Conc: 23.13 ug/ml



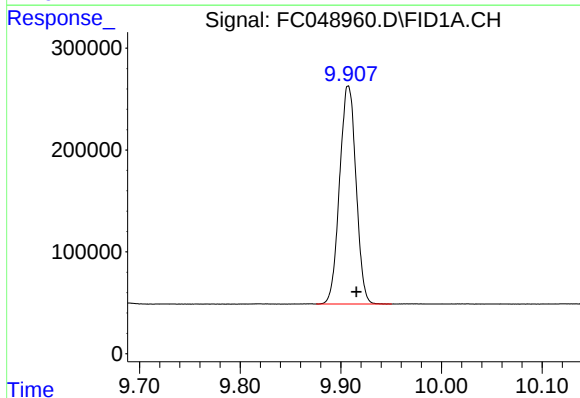
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: -0.009 min
Response: 2784208
Conc: 23.09 ug/ml



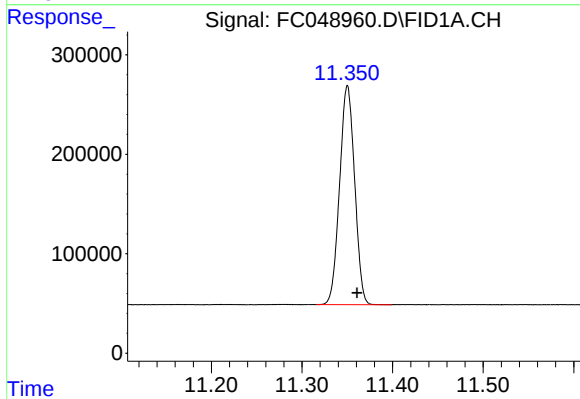
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.008 min
Response: 2440685
Conc: 23.18 ug/ml



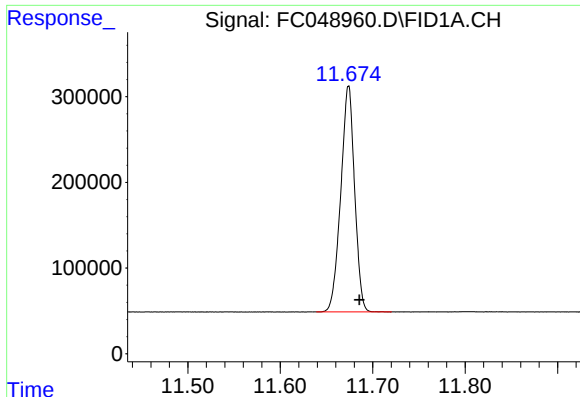
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.008 min
Response: 2428441
Conc: 23.14 ug/ml



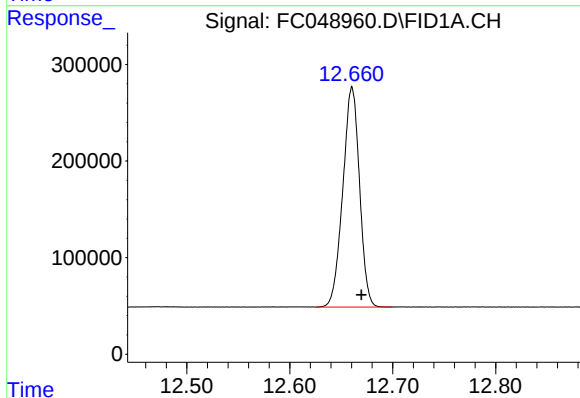
#8 n-Octadecane (C18)

R.T.: 11.350 min
Delta R.T.: -0.011 min
Response: 2541091
Conc: 23.13 ug/ml



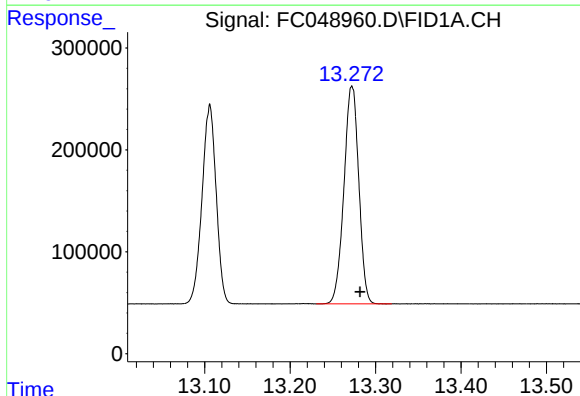
#9 ortho-Terphenyl (SURR)

R.T.: 11.674 min
Delta R.T.: -0.012 min
Response: 2746997
Conc: 23.12 ug/ml



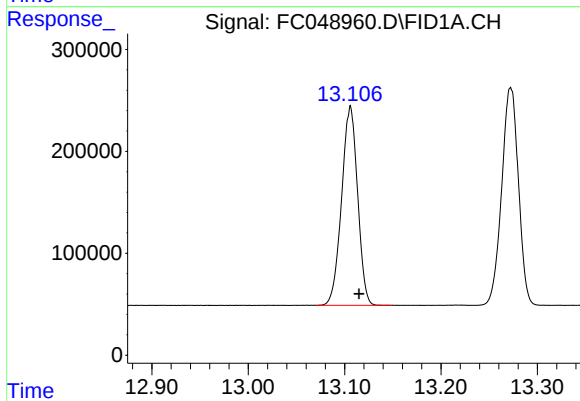
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: -0.009 min
Response: 2571918
Conc: 23.11 ug/ml



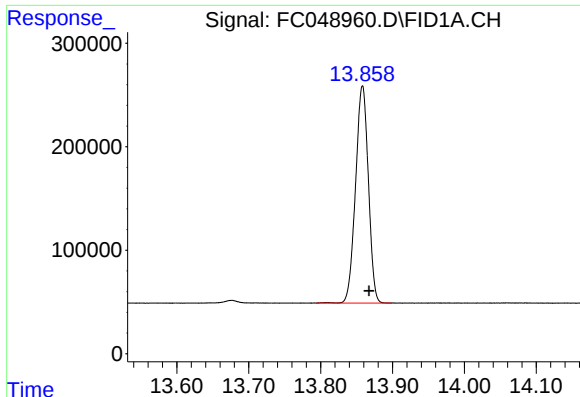
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: -0.010 min
Response: 2578036
Conc: 23.08 ug/ml



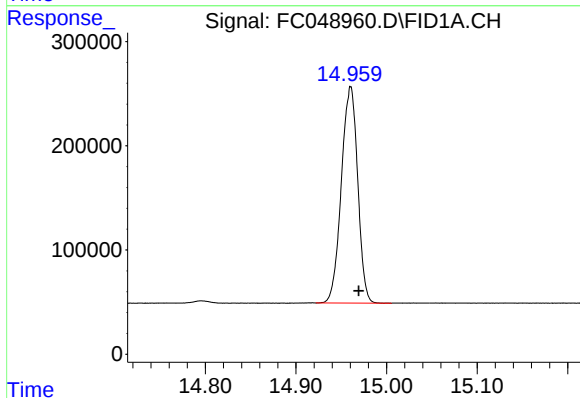
#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: -0.009 min
Response: 2244952
Conc: 23.08 ug/ml



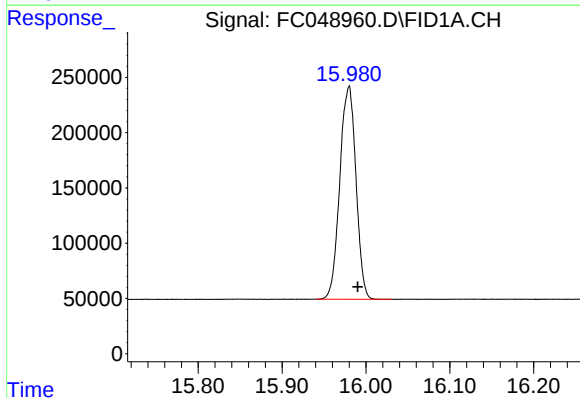
#13 n-Docosane (C22)

R.T.: 13.858 min
Delta R.T.: -0.009 min
Response: 2591459
Conc: 23.06 ug/ml



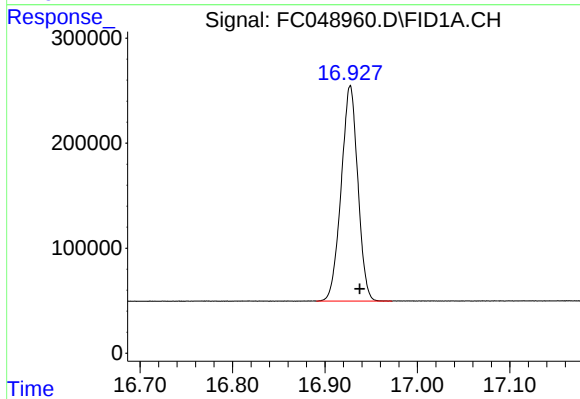
#14 n-Tetracosane (C24)

R.T.: 14.960 min
Delta R.T.: -0.009 min
Response: 2606461
Conc: 22.93 ug/ml



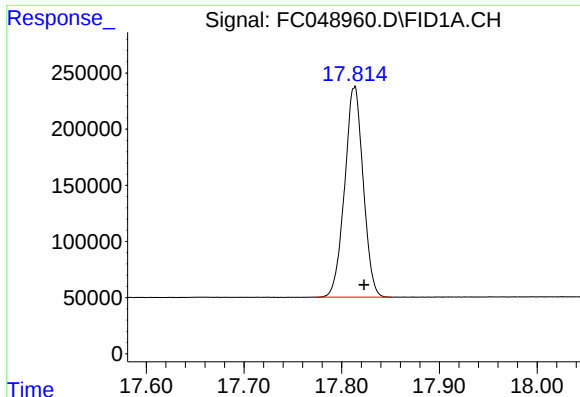
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.011 min
Response: 2583160
Conc: 22.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.927 min
Delta R.T.: -0.010 min
Response: 2563155
Conc: 22.03 ug/ml



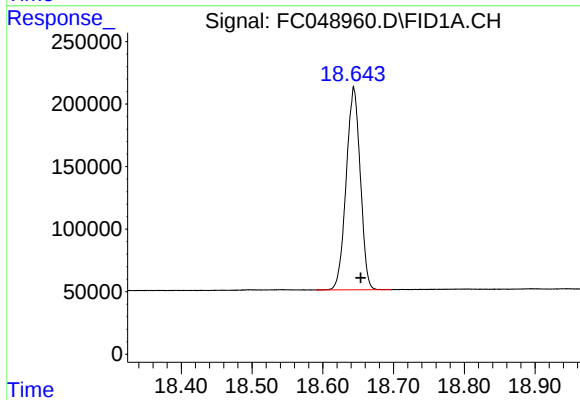
#17 n-Tricontane (C30)

R.T.: 17.813 min

Delta R.T.: -0.010 min

Response: 2475376

Conc: 21.41 ug/ml



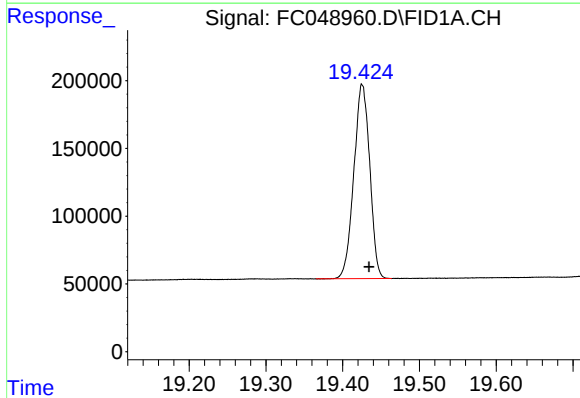
#18 n-Dotriacontane (C32)

R.T.: 18.644 min

Delta R.T.: -0.010 min

Response: 2238676

Conc: 20.70 ug/ml



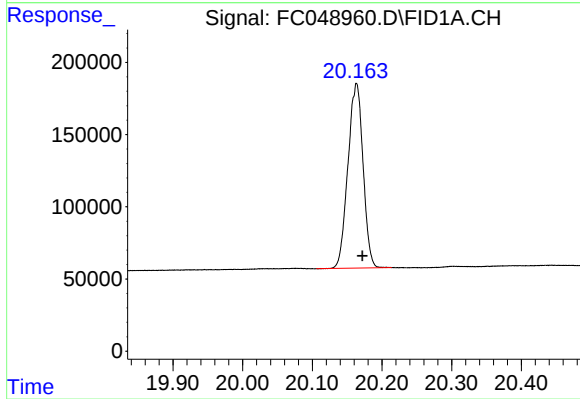
#19 n-Tetratriacontane (C34)

R.T.: 19.425 min

Delta R.T.: -0.009 min

Response: 2065460

Conc: 19.91 ug/ml



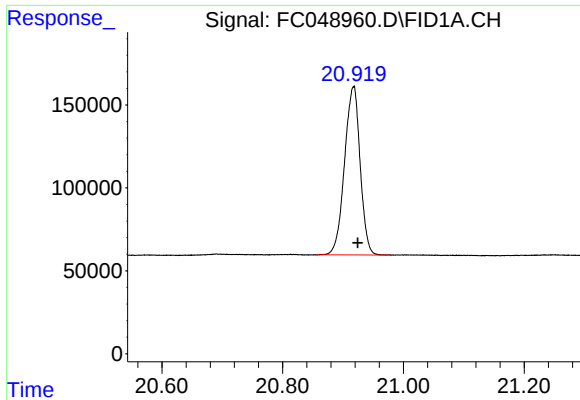
#20 n-Hexatriacontane (C36)

R.T.: 20.164 min

Delta R.T.: -0.008 min

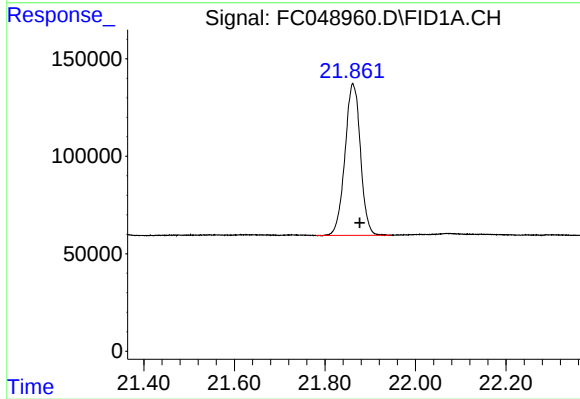
Response: 1929036

Conc: 19.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: -0.007 min
Response: 1821990
Conc: 19.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: -0.015 min
Response: 1845520
Conc: 19.33 ug/ml