

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080221AL\
 Data File : FC054961.D
 Signal(s) : FID1A.CH
 Acq On : 02 Aug 2021 14:29
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 03 01:14:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.311	2500911	17.980 ug/ml
Spiked Amount 50.000		Recovery =	35.96%
12) S 1-chlorooctadecane (S...	12.755	1968304	17.706 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
Target Compounds			
1) T n-Nonane (C9)	3.131	2092914	18.240 ug/ml
2) T n-Decane (C10)	4.182	2109136	18.149 ug/ml
3) T A~Naphthalene (C11.7)	5.748	2208133	18.352 ug/ml
4) T n-Dodecane (C12)	6.186	2163325	18.100 ug/ml
5) T A~2-methylnaphthalene...	6.800	2299519	18.829 ug/ml
6) T n-Tetradecane (C14)	7.973	2242258	18.227 ug/ml
7) T n-Hexadecane (C16)	9.568	2292371	18.184 ug/ml
8) T n-Octadecane (C18)	11.007	2336025	17.822 ug/ml
10) T n-Eicosane (C20)	12.314	2322991	17.630 ug/ml
11) T n-Heneicosane (C21)	12.923	2351347	17.656 ug/ml
13) T n-Docosane (C22)	13.509	2326430	17.568 ug/ml
14) T n-Tetracosane (C24)	14.610	2306157	17.492 ug/ml
15) T n-Hexacosane (C26)	15.629	2269584	17.645 ug/ml
16) T n-Octacosane (C28)	16.578	2305219	17.503 ug/ml
17) T n-Tricontane (C30)	17.466	2198982	15.453 ug/ml
18) T n-Dotriacontane (C32)	18.297	2005590	16.206 ug/ml
19) T n-Tetratriacontane (C34)	19.080	1876252	18.324 ug/ml
20) T n-Hexatriacontane (C36)	19.819	1744139	18.416 ug/ml
21) T n-Octatriacontane (C38)	20.523	1717360	18.444 ug/ml
22) T n-Tetracontane (C40)	21.340	1757910	18.112 ug/mlm

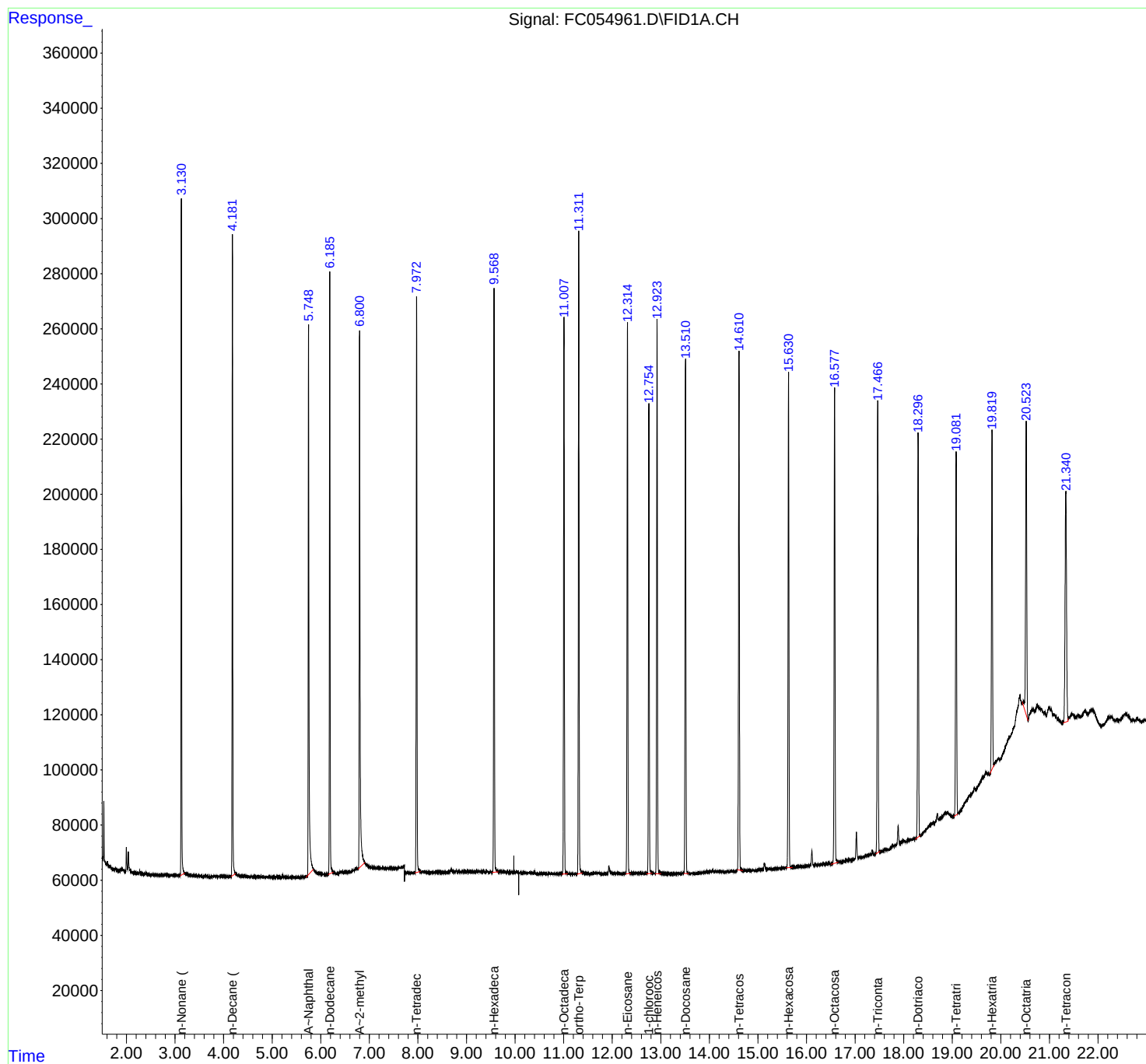
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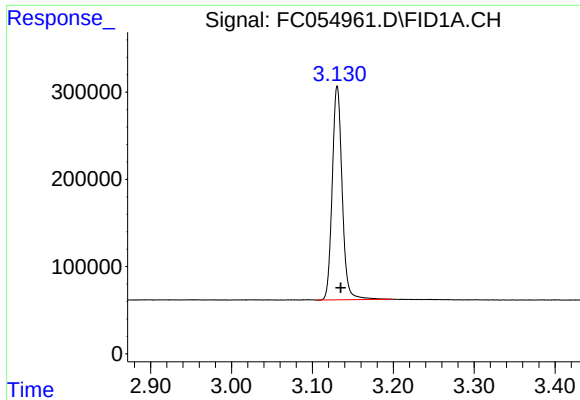
(m)=manual int.

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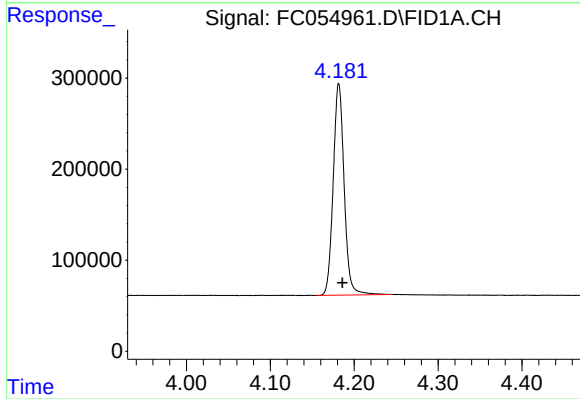
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Signal Info : 20M x 0.18mm x 0.18um





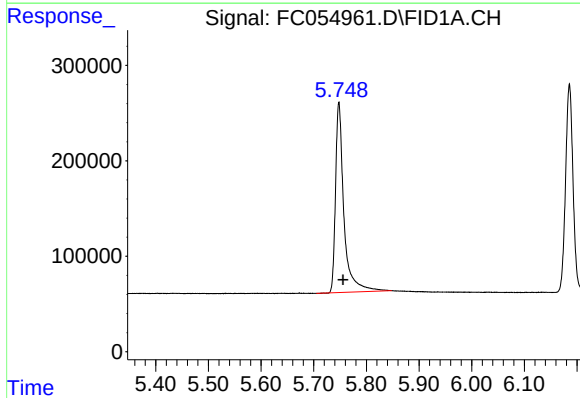
#1 n-Nonane (C9)

R.T.: 3.131 min
Delta R.T.: -0.004 min
Response: 2092914
Conc: 18.24 ug/ml



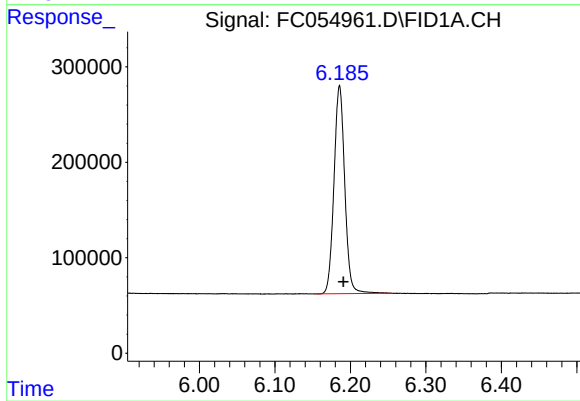
#2 n-Decane (C10)

R.T.: 4.182 min
Delta R.T.: -0.004 min
Response: 2109136
Conc: 18.15 ug/ml



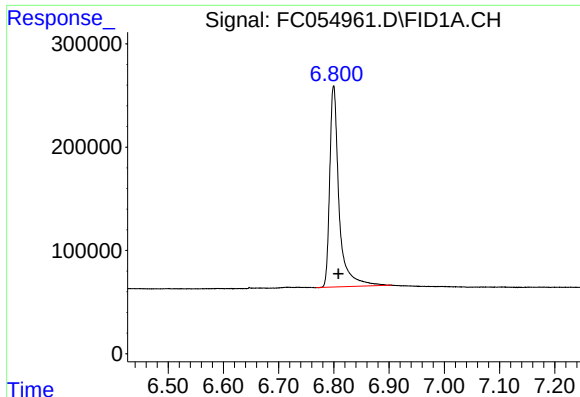
#3 A~Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.008 min
Response: 2208133
Conc: 18.35 ug/ml



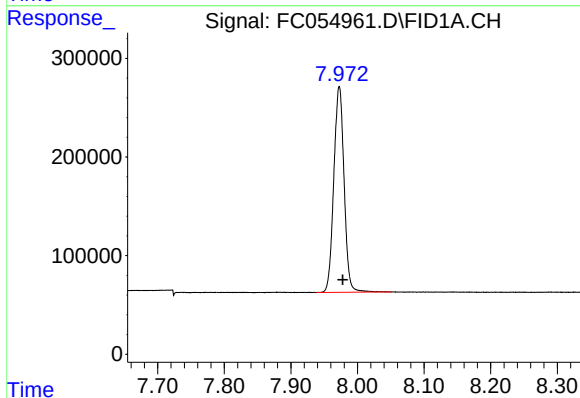
#4 n-Dodecane (C12)

R.T.: 6.186 min
Delta R.T.: -0.005 min
Response: 2163325
Conc: 18.10 ug/ml



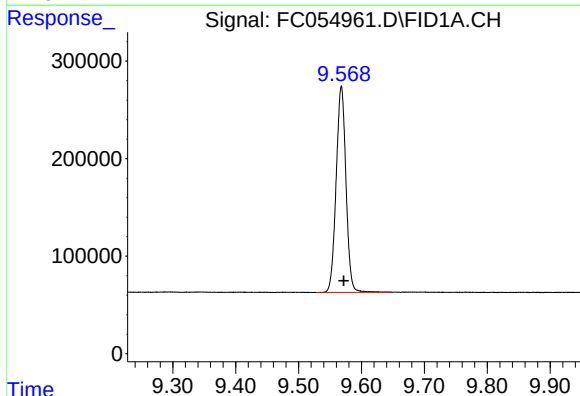
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.009 min
Response: 2299519
Conc: 18.83 ug/ml



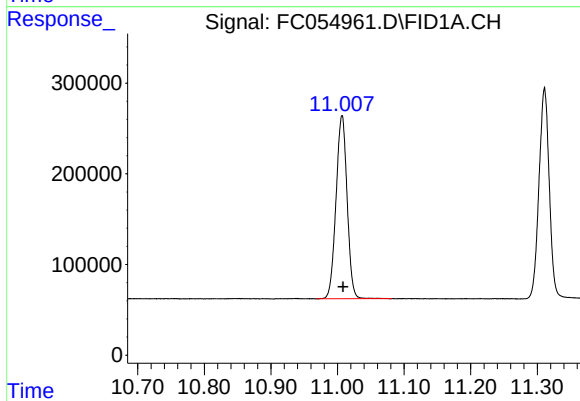
#6 n-Tetradecane (C14)

R.T.: 7.973 min
Delta R.T.: -0.005 min
Response: 2242258
Conc: 18.23 ug/ml



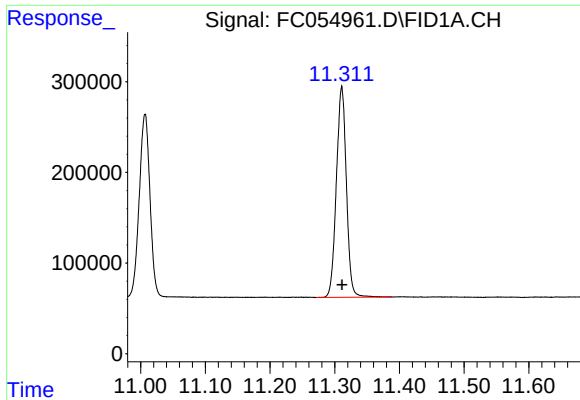
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: -0.004 min
Response: 2292371
Conc: 18.18 ug/ml



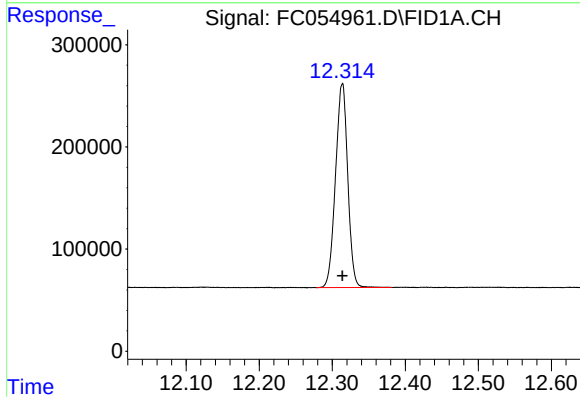
#8 n-Octadecane (C18)

R.T.: 11.007 min
Delta R.T.: -0.002 min
Response: 2336025
Conc: 17.82 ug/ml



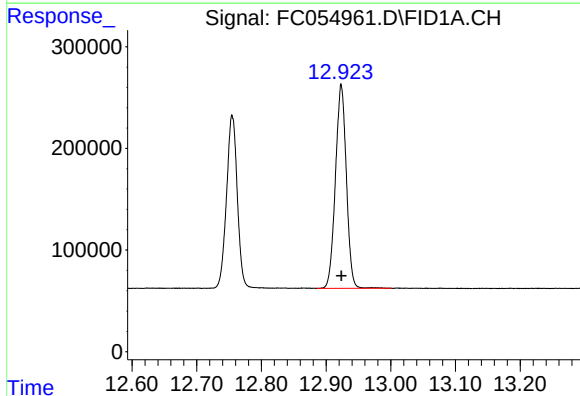
#9 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 2500911
Conc: 17.98 ug/ml



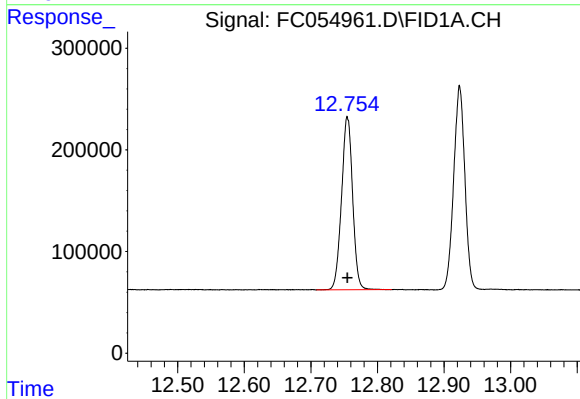
#10 n-Eicosane (C20)

R.T.: 12.314 min
Delta R.T.: 0.000 min
Response: 2322991
Conc: 17.63 ug/ml



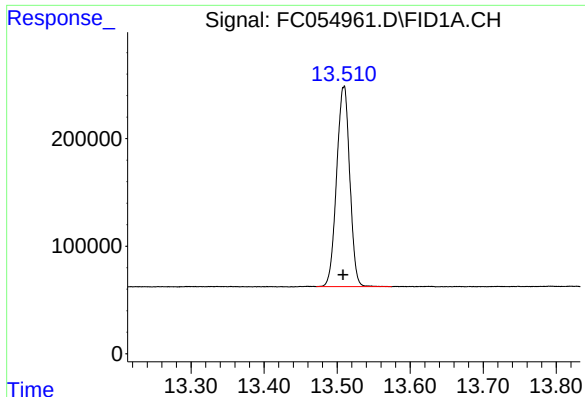
#11 n-Heneicosane (C21)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 2351347
Conc: 17.66 ug/ml



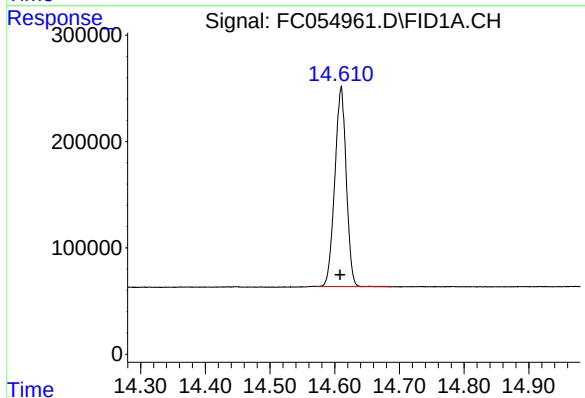
#12 1-chlorooctadecane (SURR)

R.T.: 12.755 min
Delta R.T.: 0.000 min
Response: 1968304
Conc: 17.71 ug/ml



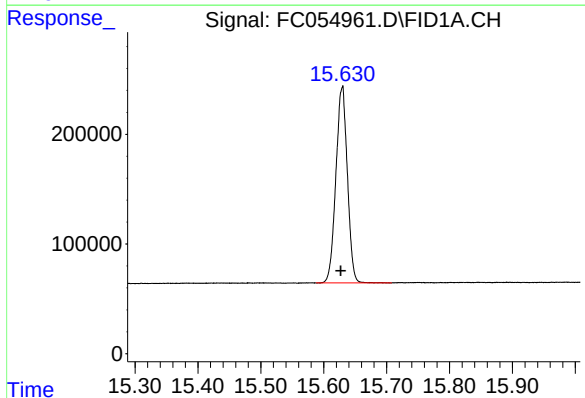
#13 n-Docosane (C22)

R.T.: 13.509 min
Delta R.T.: 0.000 min
Response: 2326430
Conc: 17.57 ug/ml



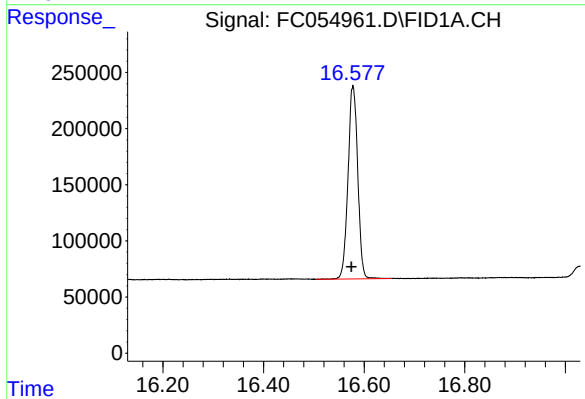
#14 n-Tetracosane (C24)

R.T.: 14.610 min
Delta R.T.: 0.002 min
Response: 2306157
Conc: 17.49 ug/ml



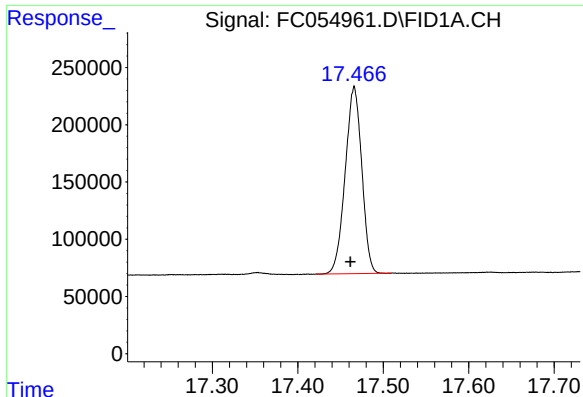
#15 n-Hexacosane (C26)

R.T.: 15.629 min
Delta R.T.: 0.002 min
Response: 2269584
Conc: 17.65 ug/ml



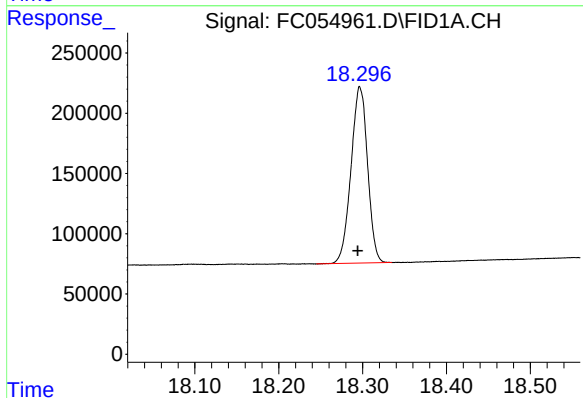
#16 n-Octacosane (C28)

R.T.: 16.578 min
Delta R.T.: 0.003 min
Response: 2305219
Conc: 17.50 ug/ml



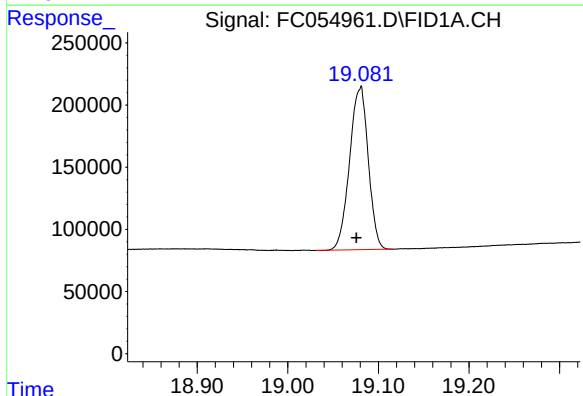
#17 n-Tricontane (C30)

R.T.: 17.466 min
Delta R.T.: 0.004 min
Response: 2198982
Conc: 15.45 ug/ml



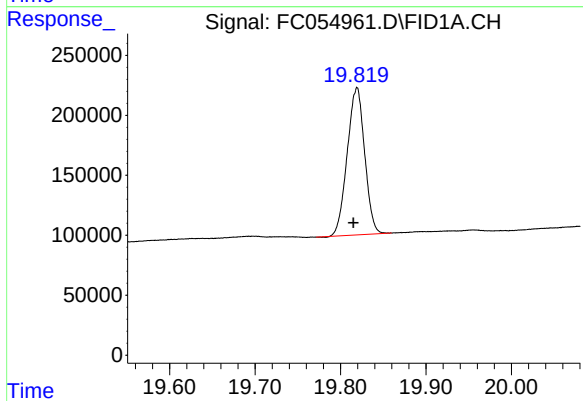
#18 n-Dotriacontane (C32)

R.T.: 18.297 min
Delta R.T.: 0.003 min
Response: 2005590
Conc: 16.21 ug/ml



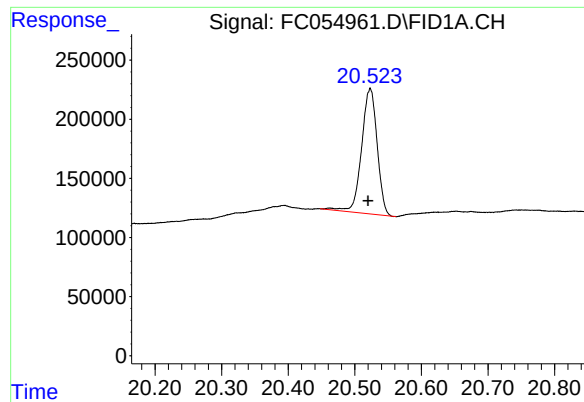
#19 n-Tetratriacontane (C34)

R.T.: 19.080 min
Delta R.T.: 0.004 min
Response: 1876252
Conc: 18.32 ug/ml



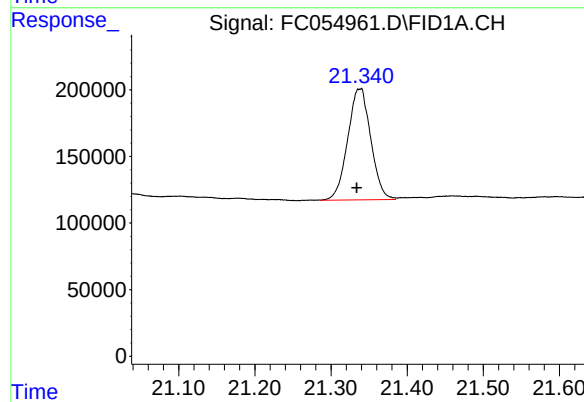
#20 n-Hexatriacontane (C36)

R.T.: 19.819 min
Delta R.T.: 0.004 min
Response: 1744139
Conc: 18.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.523 min
Delta R.T.: 0.003 min
Response: 1717360
Conc: 18.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.340 min
Delta R.T.: 0.007 min
Response: 1757910
Conc: 18.11 ug/ml m