

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042020AL\
 Data File : FC046973.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2020 11:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 21 12:41:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.756	2148145	19.651 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
12) S 1-chlorooctadecane (S...	13.171	1688966	19.599 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
Target Compounds			
1) T n-Nonane (C9)	3.548	2076874	21.626 ug/ml
2) T n-Decane (C10)	4.614	2147218	22.356 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2151761	21.475 ug/ml
4) T n-Dodecane (C12)	6.618	2195453	22.492 ug/ml
5) T A~2-methylnaphthalene...	7.263	2180925	21.572 ug/ml
6) T n-Tetradecane (C14)	8.400	2167177	22.009 ug/ml
7) T n-Hexadecane (C16)	9.989	2142179	21.458 ug/ml
8) T n-Octadecane (C18)	11.423	2103190	20.722 ug/ml
10) T n-Eicosane (C20)	12.725	2059583	20.146 ug/ml
11) T n-Heneicosane (C21)	13.334	2030273	19.691 ug/ml
13) T n-Docosane (C22)	13.917	2052622	19.996 ug/ml
14) T n-Tetracosane (C24)	15.014	2103659	20.379 ug/ml
15) T n-Hexacosane (C26)	16.031	2096377	20.432 ug/ml
16) T n-Octacosane (C28)	16.976	2116711	20.798 ug/ml
17) T n-Tricontane (C30)	17.859	2078626	21.216 ug/ml
18) T n-Dotriacontane (C32)	18.686	1766528	21.070 ug/ml
19) T n-Tetratriacontane (C34)	19.466	1472550	20.553 ug/ml
20) T n-Hexatriacontane (C36)	20.202	1351271	19.289 ug/ml
21) T n-Octatriacontane (C38)	20.964	1272013	20.158 ug/ml
22) T n-Tetracontane (C40)	21.920	1345972	19.451 ug/ml

(f)=RT Delta > 1/2 Window

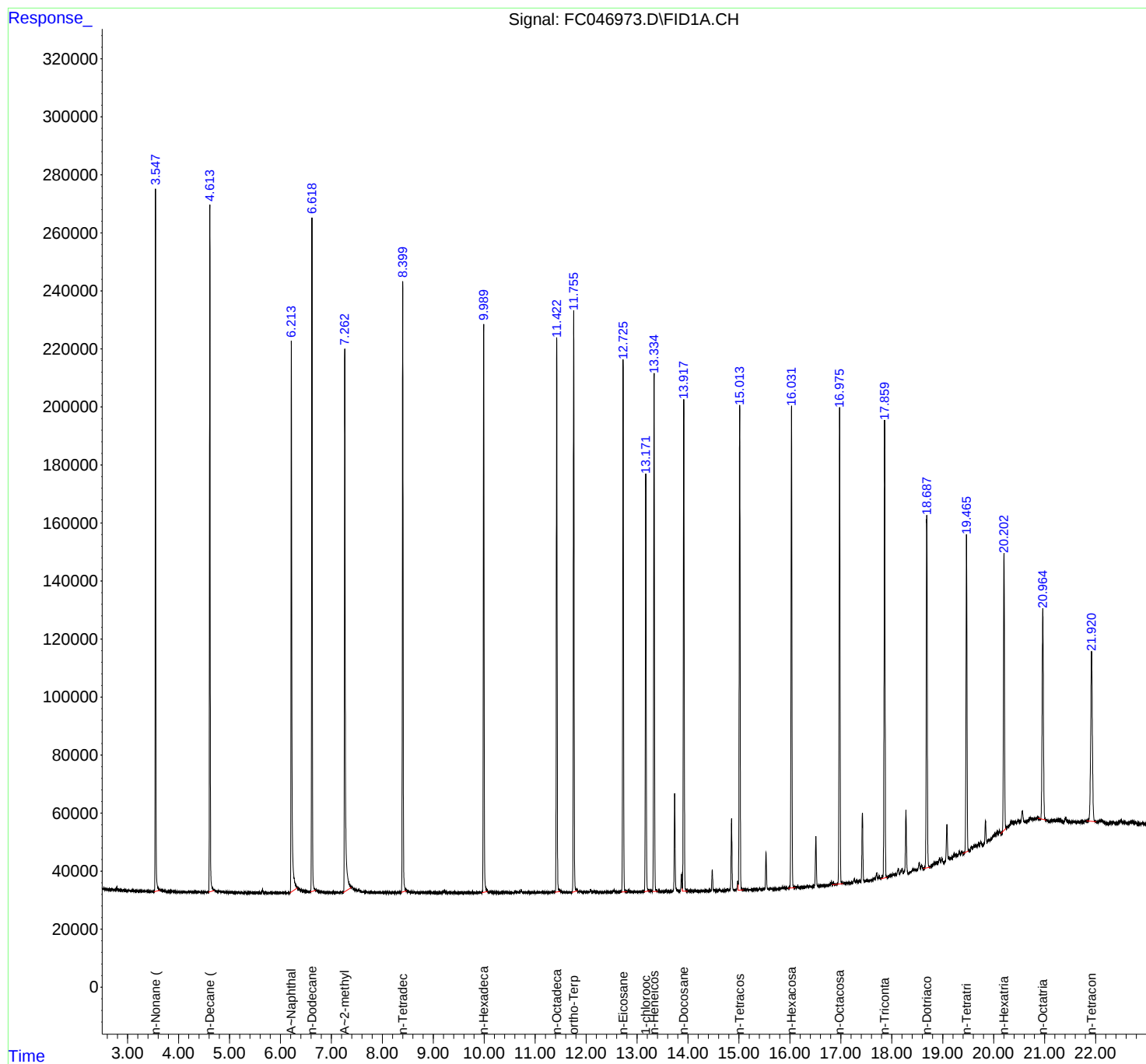
(m)=manual int.

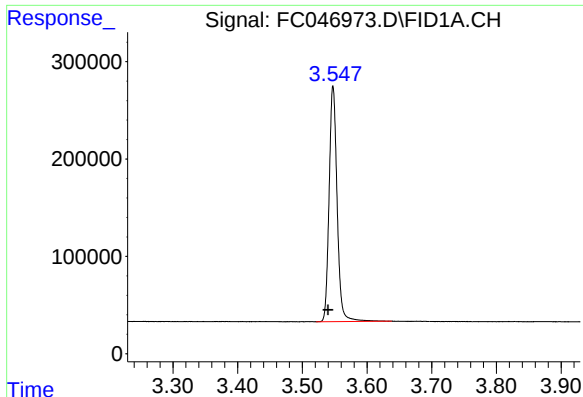
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042020AL\
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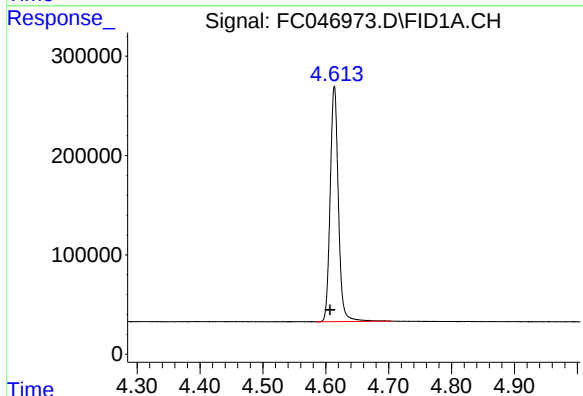




#1 n-Nonane (C9)

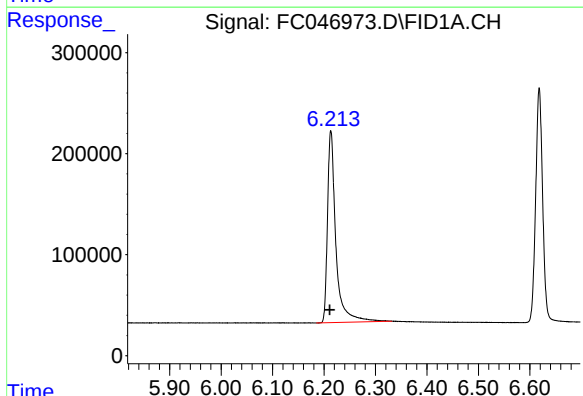
R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 2076874
Conc: 21.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



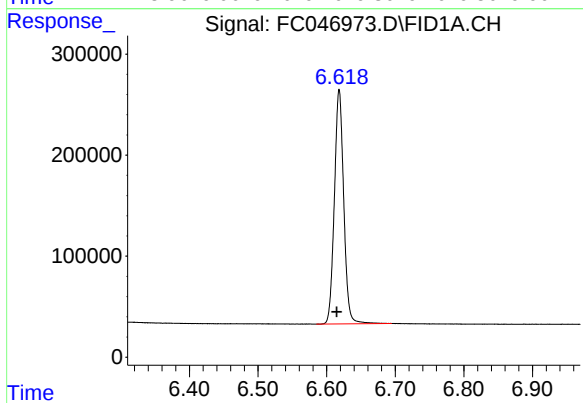
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.007 min
Response: 2147218
Conc: 22.36 ug/ml



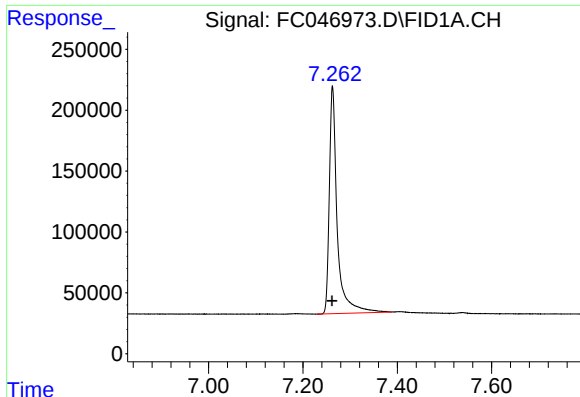
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.002 min
Response: 2151761
Conc: 21.48 ug/ml



#4 n-Dodecane (C12)

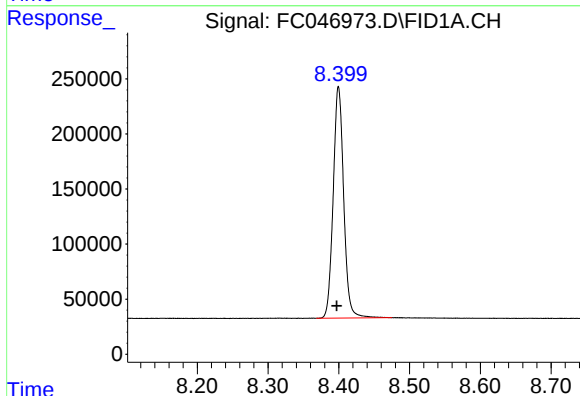
R.T.: 6.618 min
Delta R.T.: 0.004 min
Response: 2195453
Conc: 22.49 ug/ml



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

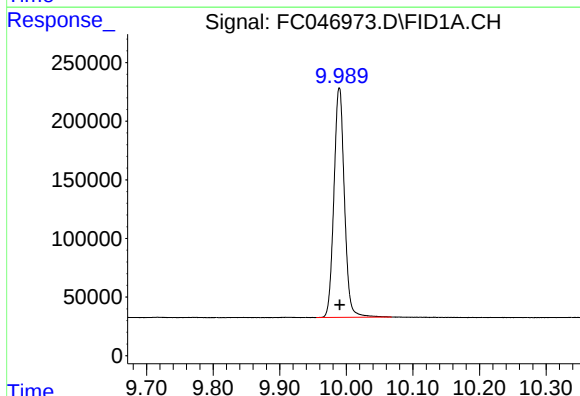
R.T.: 7.263 min
Delta R.T.: 0.001 min
Response: 2180925
Conc: 21.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



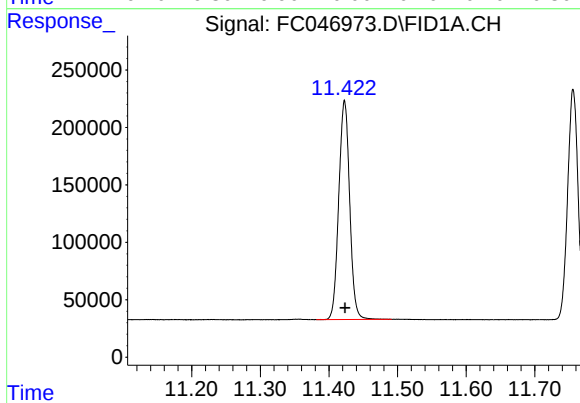
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.003 min
Response: 2167177
Conc: 22.01 ug/ml



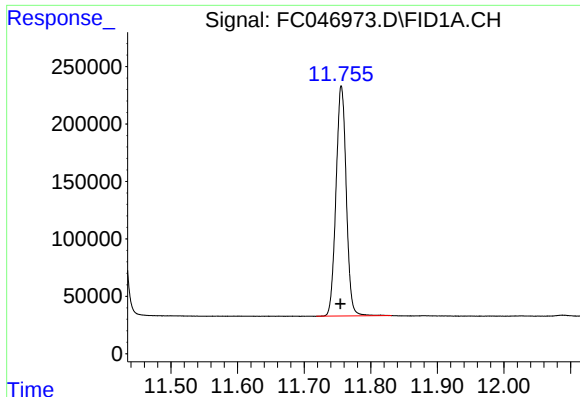
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: 0.000 min
Response: 2142179
Conc: 21.46 ug/ml



#8 n-Octadecane (C18)

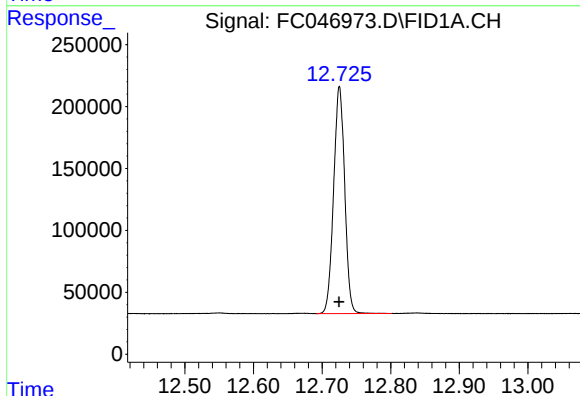
R.T.: 11.423 min
Delta R.T.: 0.000 min
Response: 2103190
Conc: 20.72 ug/ml



#9 ortho-Terphenyl (SURR)

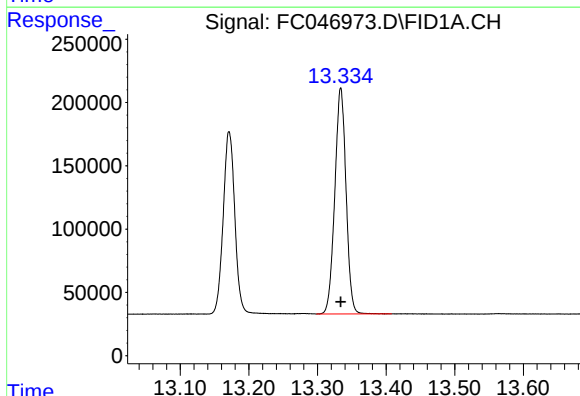
R.T.: 11.756 min
Delta R.T.: 0.002 min
Response: 2148145
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



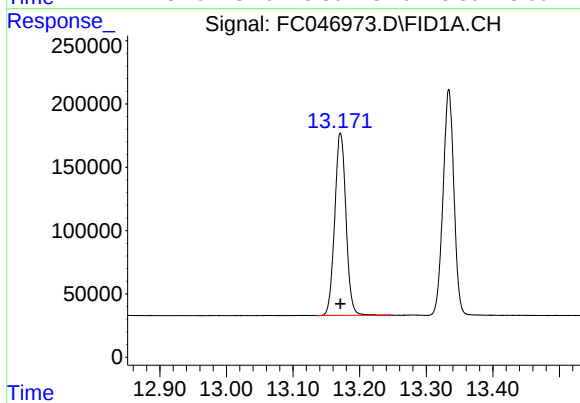
#10 n-Eicosane (C20)

R.T.: 12.725 min
Delta R.T.: 0.000 min
Response: 2059583
Conc: 20.15 ug/ml



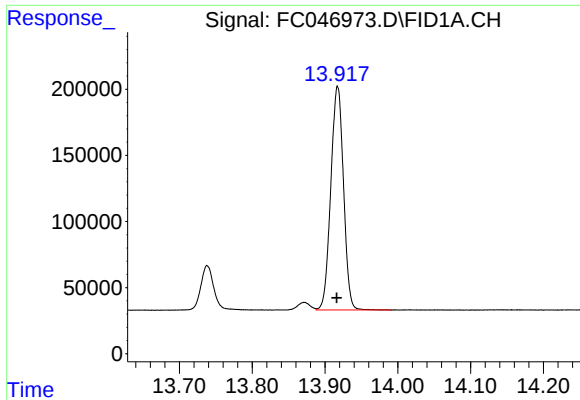
#11 n-Heneicosane (C21)

R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 2030273
Conc: 19.69 ug/ml



#12 1-chlorooctadecane (SURR)

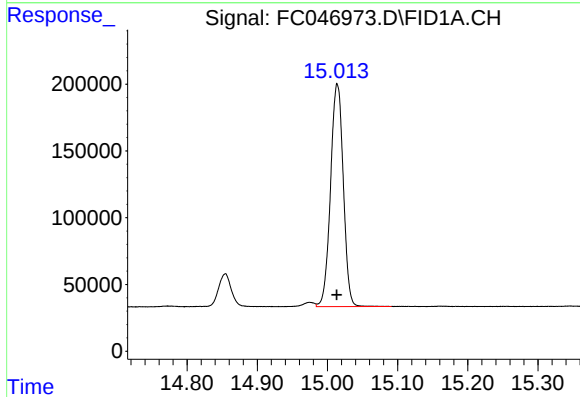
R.T.: 13.171 min
Delta R.T.: 0.000 min
Response: 1688966
Conc: 19.60 ug/ml



#13 n-Docosane (C22)

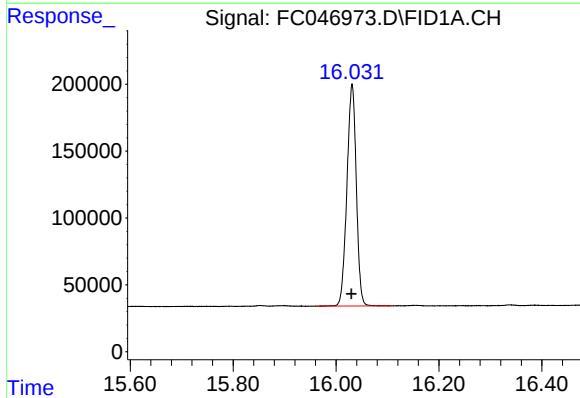
R.T.: 13.917 min
Delta R.T.: 0.001 min
Response: 2052622
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



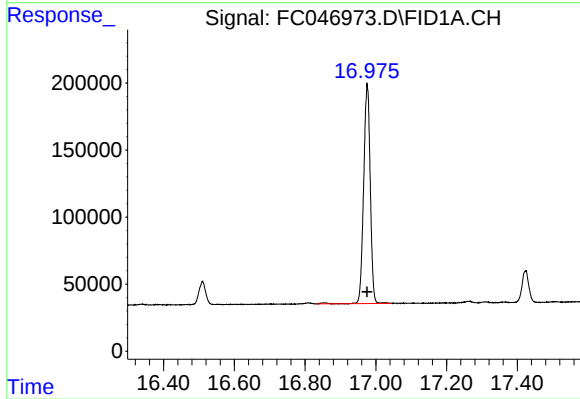
#14 n-Tetracosane (C24)

R.T.: 15.014 min
Delta R.T.: 0.000 min
Response: 2103659
Conc: 20.38 ug/ml



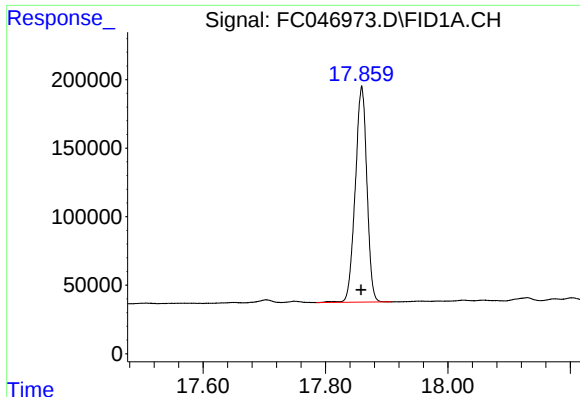
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: 0.001 min
Response: 2096377
Conc: 20.43 ug/ml



#16 n-Octacosane (C28)

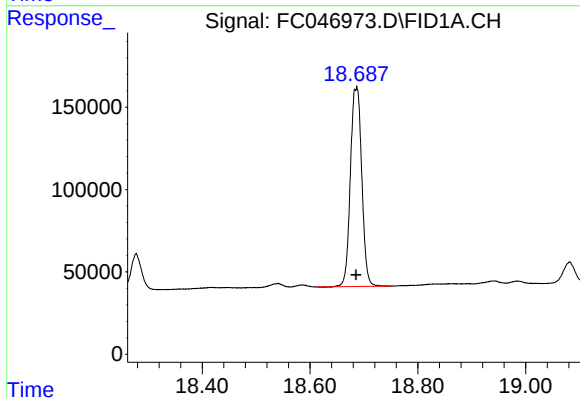
R.T.: 16.976 min
Delta R.T.: 0.000 min
Response: 2116711
Conc: 20.80 ug/ml



#17 n-Tricontane (C30)

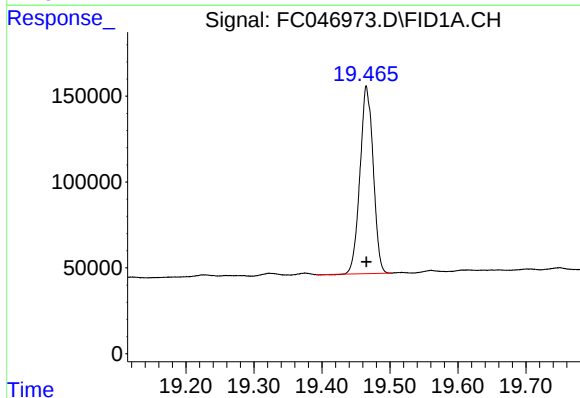
R.T.: 17.859 min
Delta R.T.: 0.000 min
Response: 2078626
Conc: 21.22 ug/ml

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20 PPM ALIPHATIC HC STD



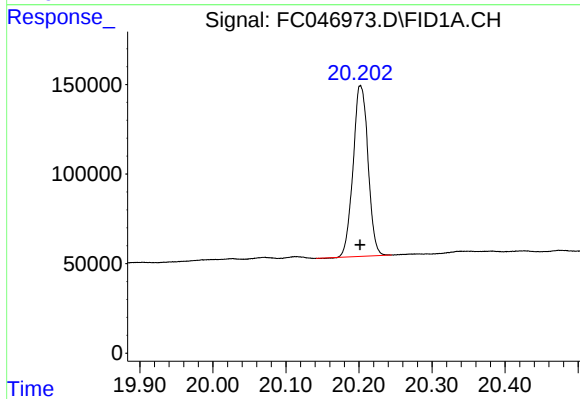
#18 n-Dotriacontane (C32)

R.T.: 18.686 min
Delta R.T.: 0.000 min
Response: 1766528
Conc: 21.07 ug/ml



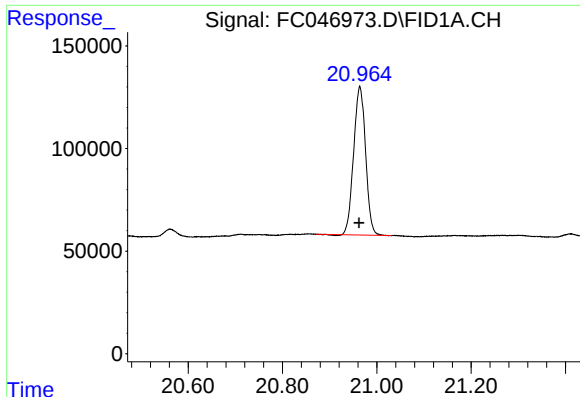
#19 n-Tetratriacontane (C34)

R.T.: 19.466 min
Delta R.T.: 0.000 min
Response: 1472550
Conc: 20.55 ug/ml



#20 n-Hexatriacontane (C36)

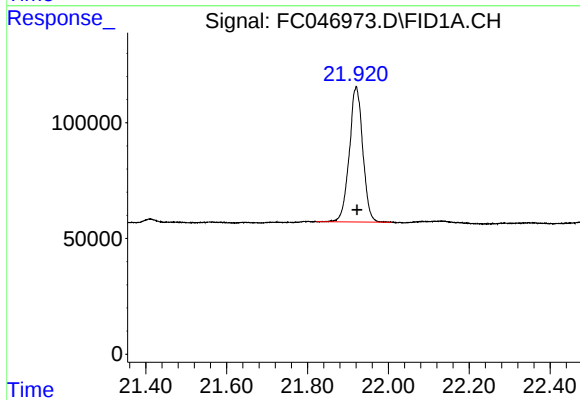
R.T.: 20.202 min
Delta R.T.: 0.001 min
Response: 1351271
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.964 min
Delta R.T.: 0.002 min
Response: 1272013
Conc: 20.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: -0.003 min
Response: 1345972
Conc: 19.45 ug/ml