

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052421AL\
 Data File : FC053894.D
 Signal(s) : FID1A.CH
 Acq On : 24 May 2021 13:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 25 01:12:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.524	2346411	16.948 ug/ml
Spiked Amount 50.000		Recovery =	33.90%
12) S 1-chlorooctadecane (S...	12.966	1838249	16.482 ug/ml
Spiked Amount 50.000		Recovery =	32.96%
Target Compounds			
1) T n-Nonane (C9)	3.287	2281272	19.314 ug/ml
2) T n-Decane (C10)	4.351	2310055	19.508 ug/ml
3) T A~Naphthalene (C11.7)	5.935	2484283	19.066 ug/ml
4) T n-Dodecane (C12)	6.369	2355435	19.466 ug/ml
5) T A~2-methylnaphthalene...	6.993	2523324	19.086 ug/ml
6) T n-Tetradecane (C14)	8.166	2350409	19.295 ug/ml
7) T n-Hexadecane (C16)	9.767	2296242	18.748 ug/ml
8) T n-Octadecane (C18)	11.210	2341947	17.983 ug/ml
10) T n-Eicosane (C20)	12.521	2282907	17.248 ug/ml
11) T n-Heneicosane (C21)	13.134	2234170	16.822 ug/ml
13) T n-Docosane (C22)	13.720	2196558	16.514 ug/ml
14) T n-Tetracosane (C24)	14.825	2131988	15.972 ug/ml
15) T n-Hexacosane (C26)	15.847	2038469	15.418 ug/ml
16) T n-Octacosane (C28)	16.797	1991646	15.214 ug/ml
17) T n-Tricontane (C30)	17.686	1966958	15.081 ug/mlm
18) T n-Dotriacontane (C32)	18.517	1943636	15.404 ug/mlm
19) T n-Tetratriacontane (C34)	19.303	1935704	15.887 ug/mlm
20) T n-Hexatriacontane (C36)	20.044	1889879	16.164 ug/ml
21) T n-Octatriacontane (C38)	20.773	1874557	18.222 ug/ml
22) T n-Tetracontane (C40)	21.667	1795282	18.017 ug/ml

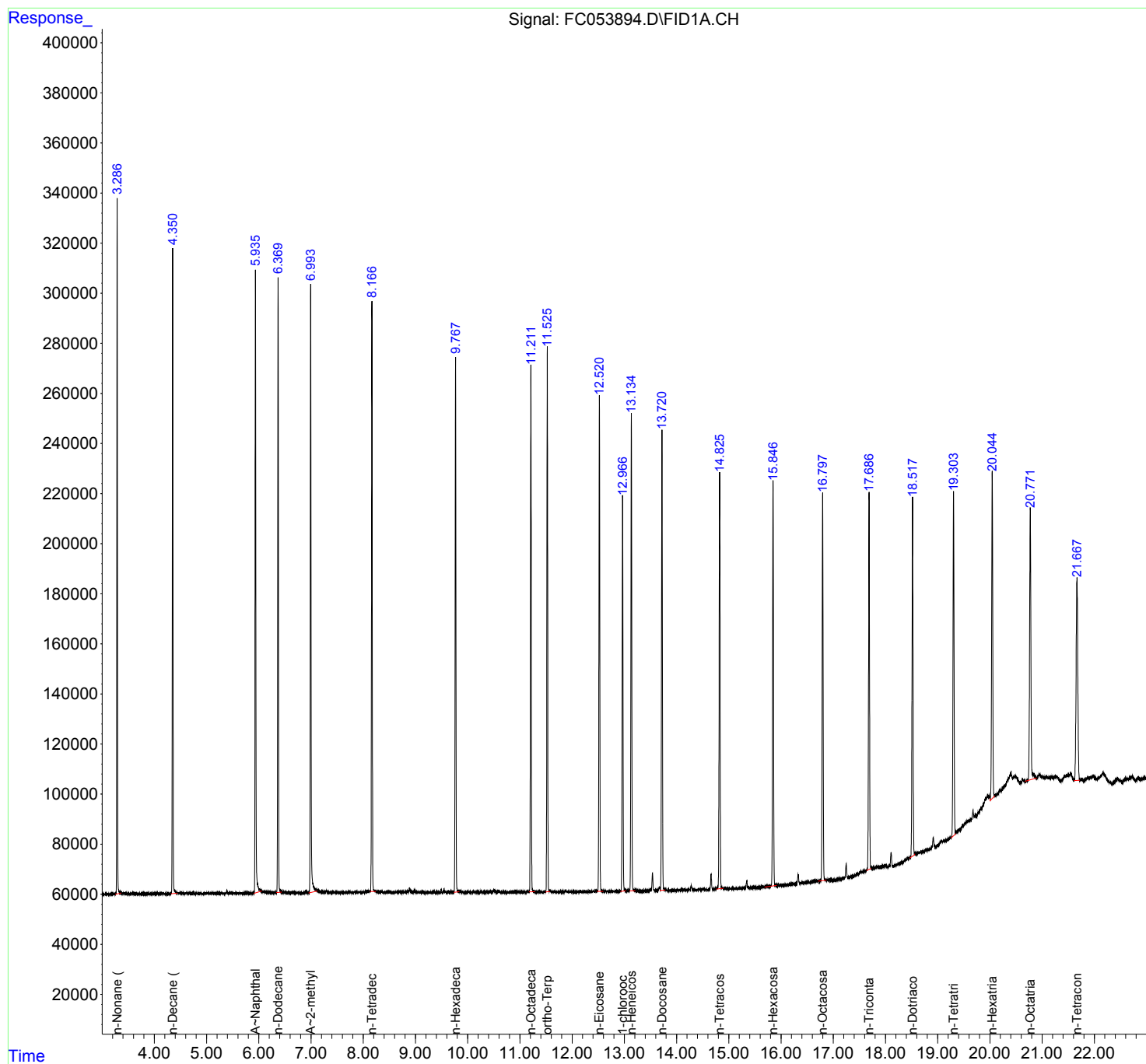
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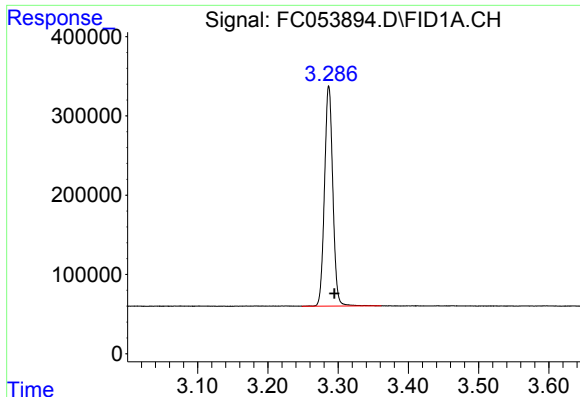
(m)=manual int.

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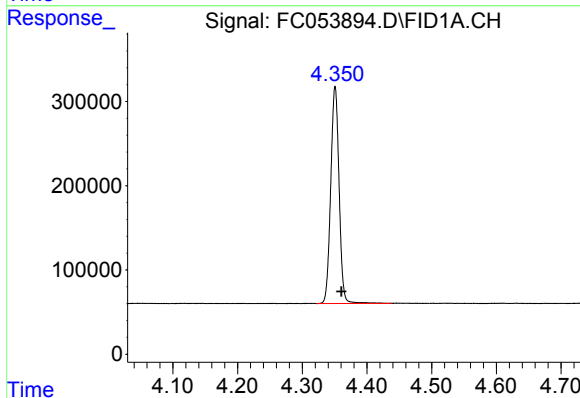
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





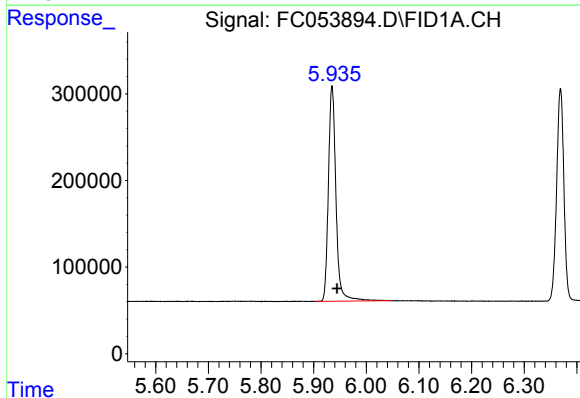
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: -0.008 min
Response: 2281272
Conc: 19.31 ug/ml



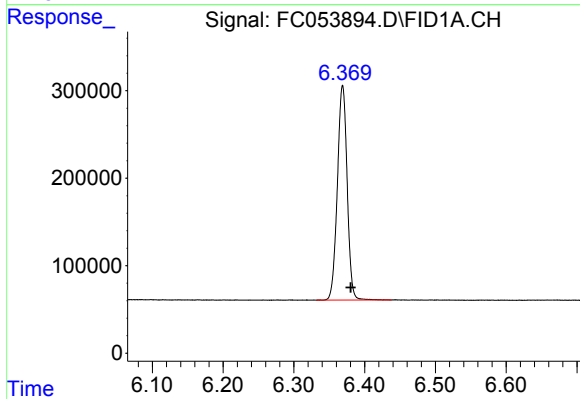
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: -0.010 min
Response: 2310055
Conc: 19.51 ug/ml



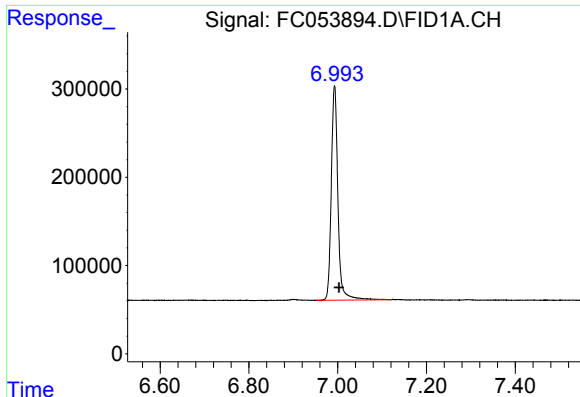
#3 A~Naphthalene (C11.7)

R.T.: 5.935 min
Delta R.T.: -0.010 min
Response: 2484283
Conc: 19.07 ug/ml



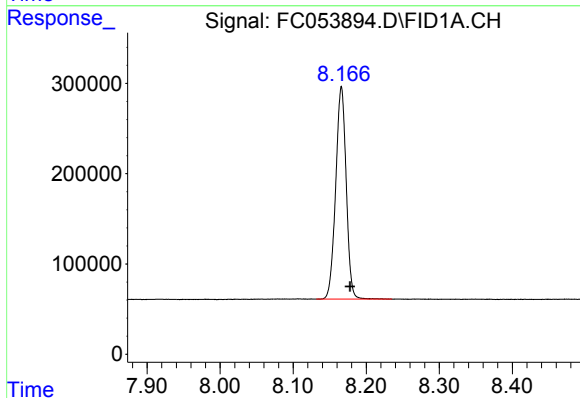
#4 n-Dodecane (C12)

R.T.: 6.369 min
Delta R.T.: -0.011 min
Response: 2355435
Conc: 19.47 ug/ml



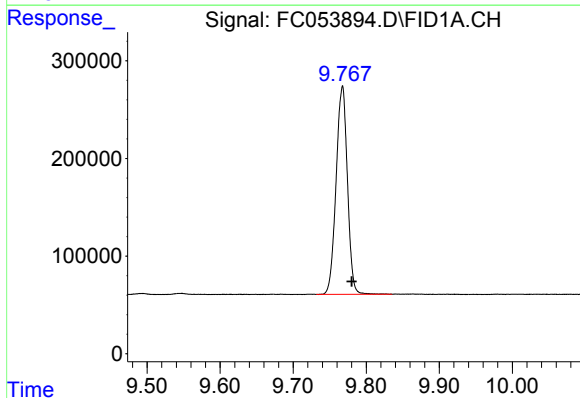
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: -0.010 min
Response: 2523324
Conc: 19.09 ug/ml



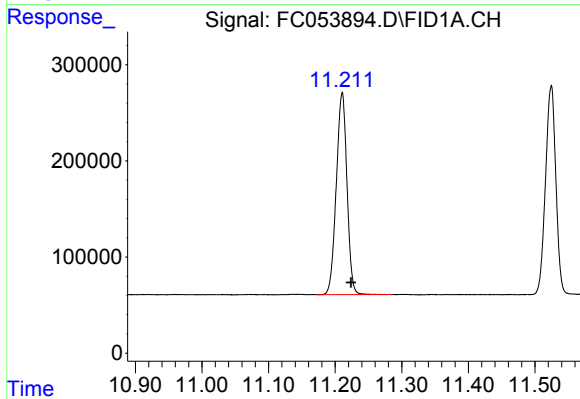
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.012 min
Response: 2350409
Conc: 19.29 ug/ml



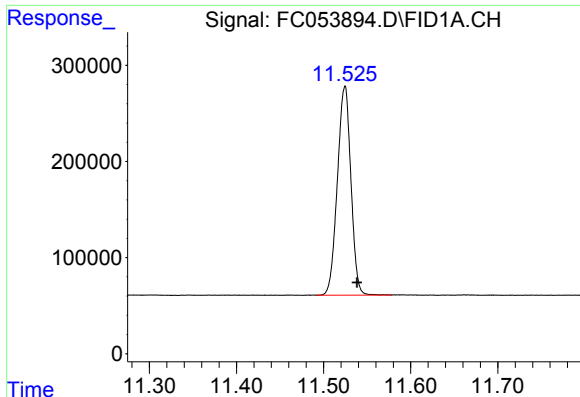
#7 n-Hexadecane (C16)

R.T.: 9.767 min
Delta R.T.: -0.013 min
Response: 2296242
Conc: 18.75 ug/ml



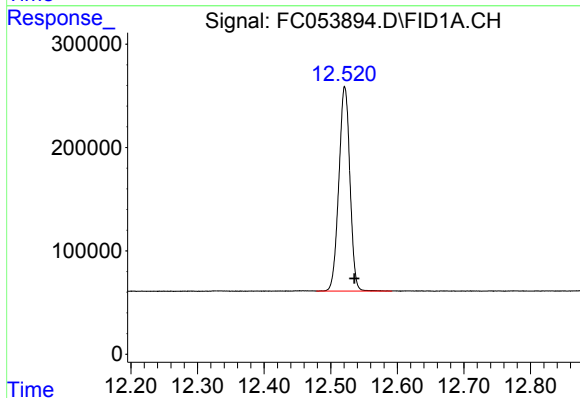
#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.014 min
Response: 2341947
Conc: 17.98 ug/ml



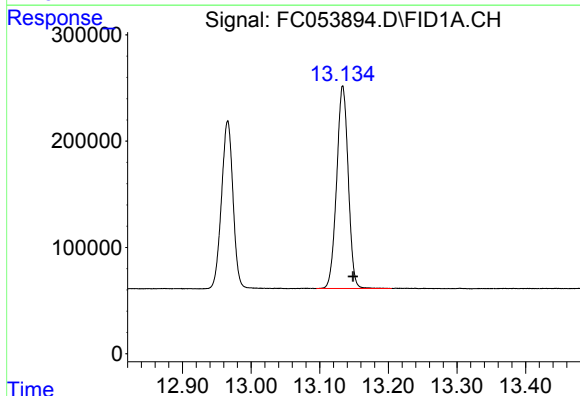
#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.014 min
Response: 2346411
Conc: 16.95 ug/ml



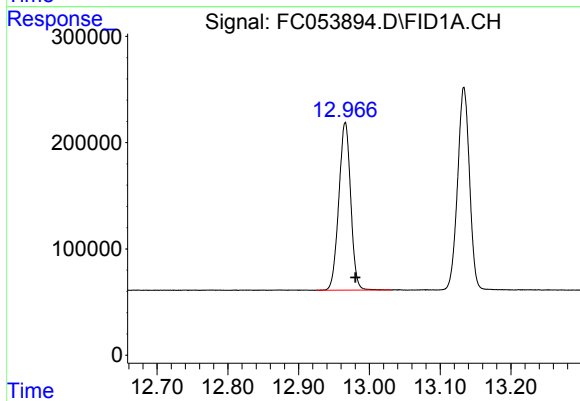
#10 n-Eicosane (C20)

R.T.: 12.521 min
Delta R.T.: -0.015 min
Response: 2282907
Conc: 17.25 ug/ml



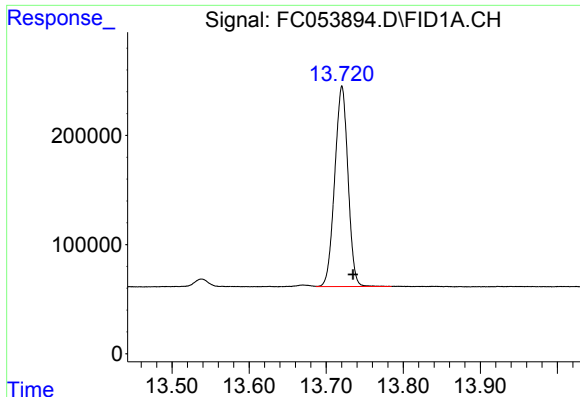
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.015 min
Response: 2234170
Conc: 16.82 ug/ml



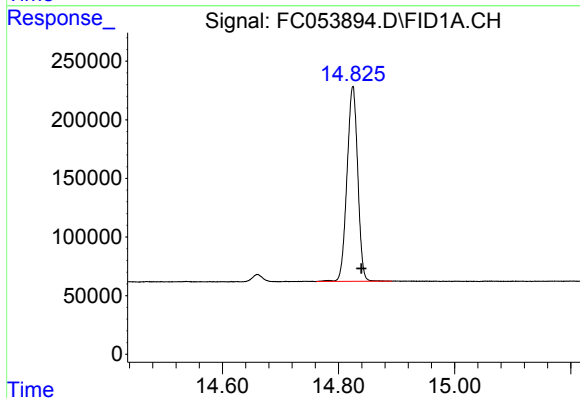
#12 1-chlorooctadecane (SURR)

R.T.: 12.966 min
Delta R.T.: -0.015 min
Response: 1838249
Conc: 16.48 ug/ml



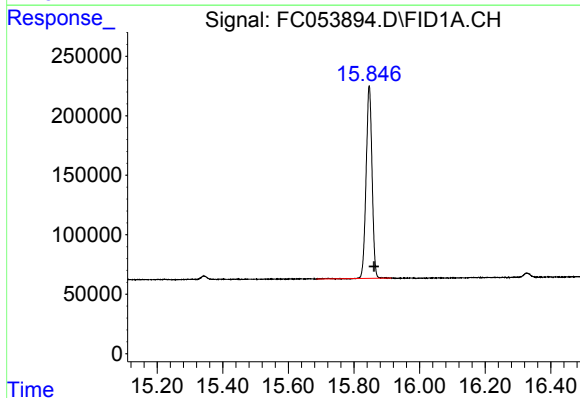
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.014 min
Response: 2196558
Conc: 16.51 ug/ml



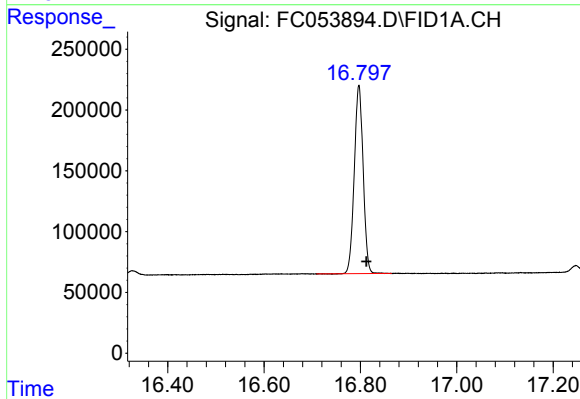
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: -0.015 min
Response: 2131988
Conc: 15.97 ug/ml



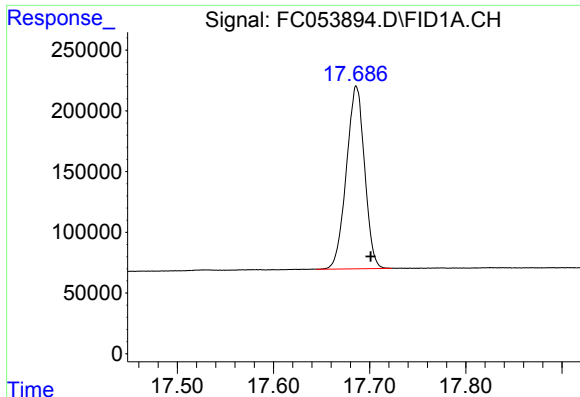
#15 n-Hexacosane (C26)

R.T.: 15.847 min
Delta R.T.: -0.015 min
Response: 2038469
Conc: 15.42 ug/ml



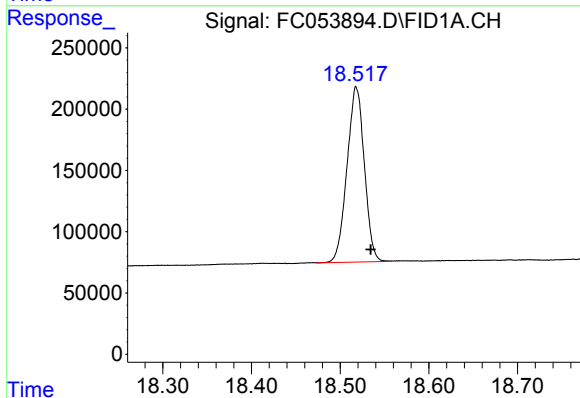
#16 n-Octacosane (C28)

R.T.: 16.797 min
Delta R.T.: -0.016 min
Response: 1991646
Conc: 15.21 ug/ml



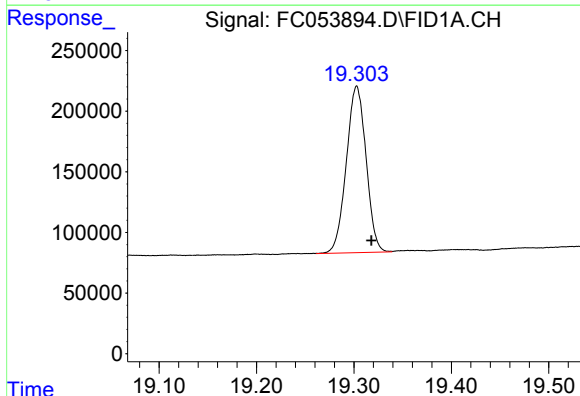
#17 n-Tricontane (C30)

R.T.: 17.686 min
Delta R.T.: -0.016 min
Response: 1966958
Conc: 15.08 ug/ml m



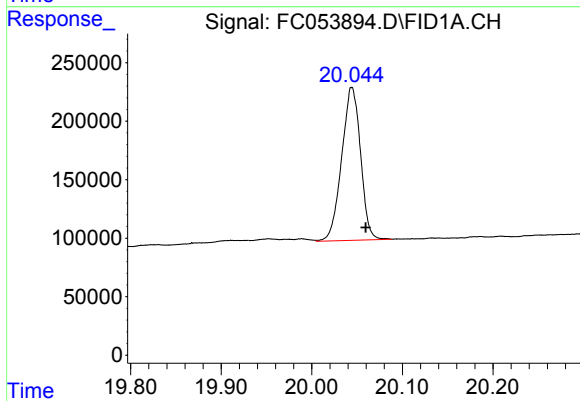
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.017 min
Response: 1943636
Conc: 15.40 ug/ml m



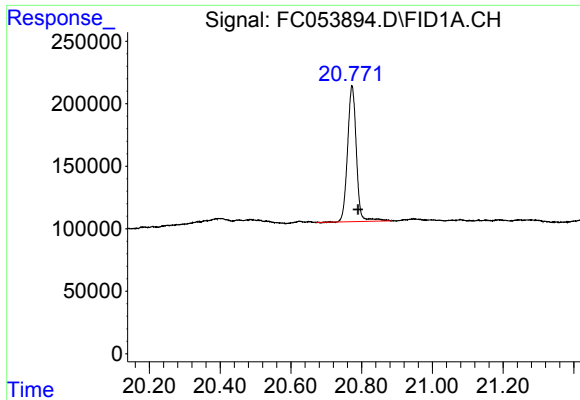
#19 n-Tetratriacontane (C34)

R.T.: 19.303 min
Delta R.T.: -0.015 min
Response: 1935704
Conc: 15.89 ug/ml m



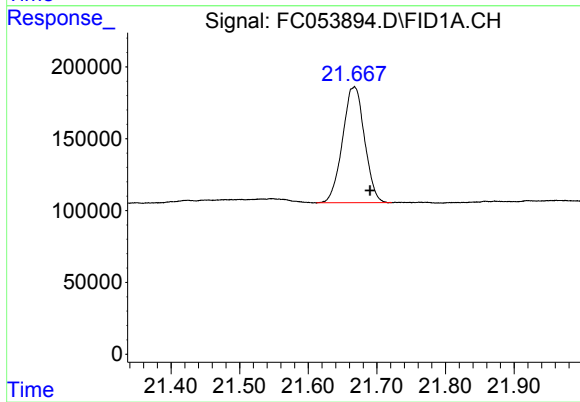
#20 n-Hexatriacontane (C36)

R.T.: 20.044 min
Delta R.T.: -0.015 min
Response: 1889879
Conc: 16.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.773 min
Delta R.T.: -0.017 min
Response: 1874557
Conc: 18.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.667 min
Delta R.T.: -0.024 min
Response: 1795282
Conc: 18.02 ug/ml