

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052421AL\
 Data File : FC053908.D
 Signal(s) : FID1A.CH
 Acq On : 24 May 2021 22:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 25 01:15:42 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	2334222	16.860 ug/ml
Spiked Amount 50.000		Recovery =	33.72%
12) S 1-chlorooctadecane (S...	12.964	1836517	16.466 ug/ml
Spiked Amount 50.000		Recovery =	32.93%
Target Compounds			
1) T n-Nonane (C9)	3.286	2318138	19.626 ug/ml
2) T n-Decane (C10)	4.350	2338995	19.752 ug/ml
3) T A~Naphthalene (C11.7)	5.934	2514433	19.297 ug/ml
4) T n-Dodecane (C12)	6.368	2383657	19.699 ug/ml
5) T A~2-methylnaphthalene...	6.992	2535062	19.174 ug/ml
6) T n-Tetradecane (C14)	8.164	2366835	19.429 ug/ml
7) T n-Hexadecane (C16)	9.766	2305567	18.824 ug/ml
8) T n-Octadecane (C18)	11.209	2339553	17.964 ug/ml
10) T n-Eicosane (C20)	12.519	2260798	17.080 ug/ml
11) T n-Heneicosane (C21)	13.132	2208740	16.631 ug/ml
13) T n-Docosane (C22)	13.719	2180605	16.394 ug/ml
14) T n-Tetracosane (C24)	14.823	2115086	15.845 ug/ml
15) T n-Hexacosane (C26)	15.845	2031043	15.362 ug/ml
16) T n-Octacosane (C28)	16.796	2003588	15.306 ug/ml
17) T n-Tricontane (C30)	17.684	1983119	15.204 ug/ml
18) T n-Dotriacontane (C32)	18.517	1981358	15.703 ug/mlm
19) T n-Tetratriacontane (C34)	19.301	1947899	15.987 ug/mlm
20) T n-Hexatriacontane (C36)	20.042	1901423	16.263 ug/mlm
21) T n-Octatriacontane (C38)	20.773	1837499	17.862 ug/mlm
22) T n-Tetracontane (C40)	21.666	1859676	18.663 ug/ml

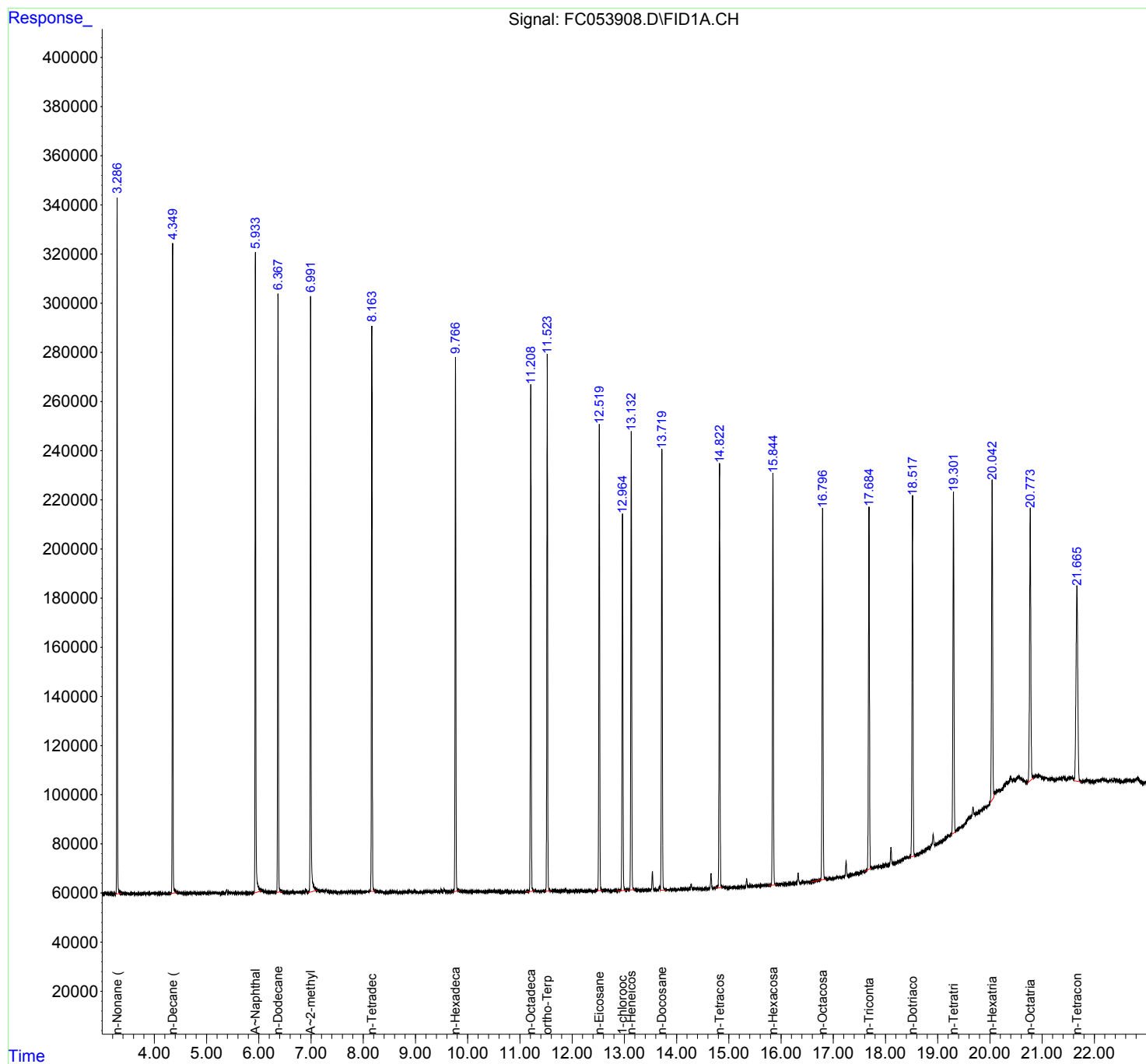
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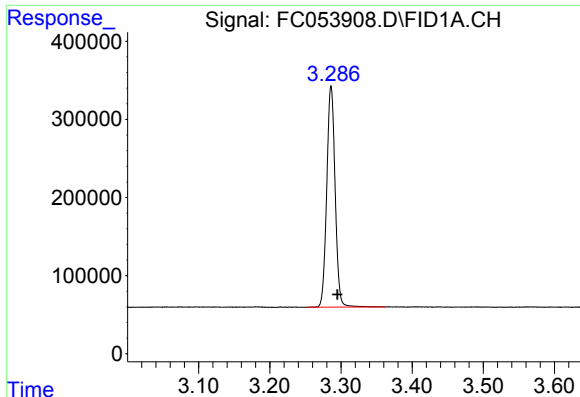
(m)=manual int.

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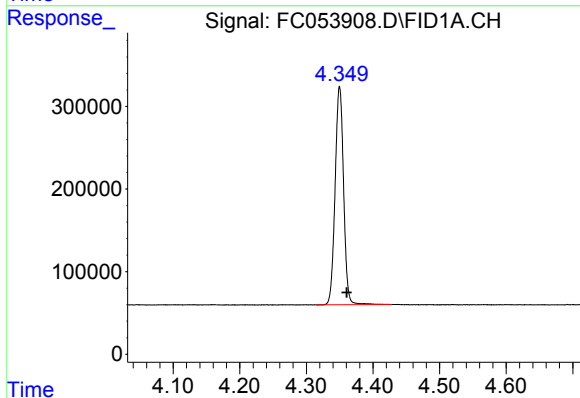
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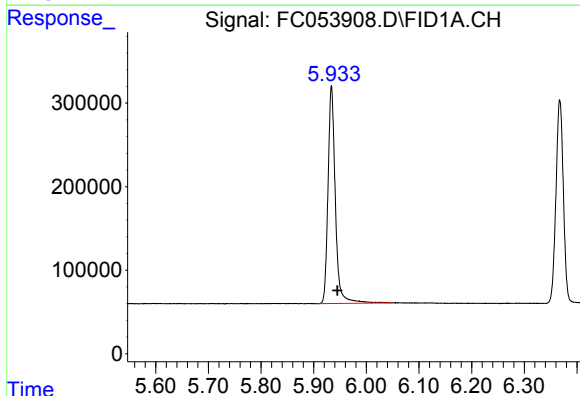
#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.009 min
Response: 2318138
Conc: 19.63 ug/ml



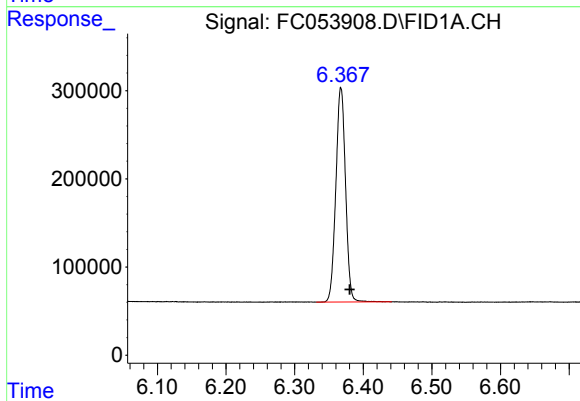
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.011 min
Response: 2338995
Conc: 19.75 ug/ml



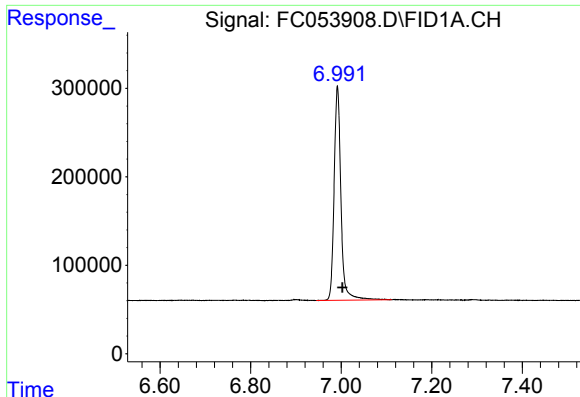
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.011 min
Response: 2514433
Conc: 19.30 ug/ml



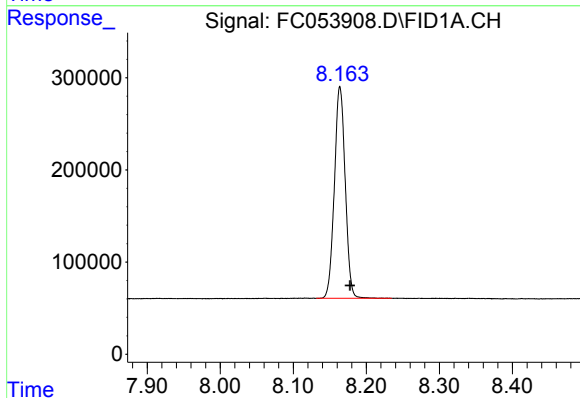
#4 n-Dodecane (C12)

R.T.: 6.368 min
Delta R.T.: -0.013 min
Response: 2383657
Conc: 19.70 ug/ml



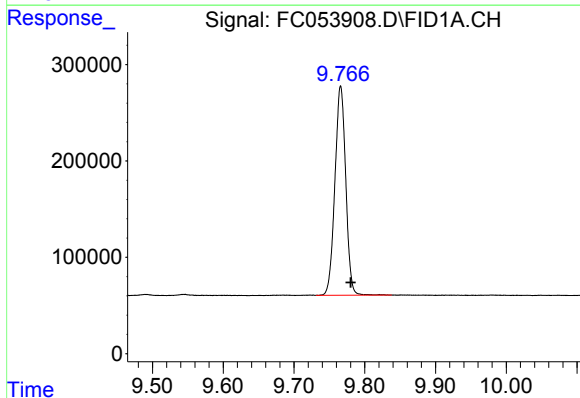
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.011 min
Response: 2535062
Conc: 19.17 ug/ml



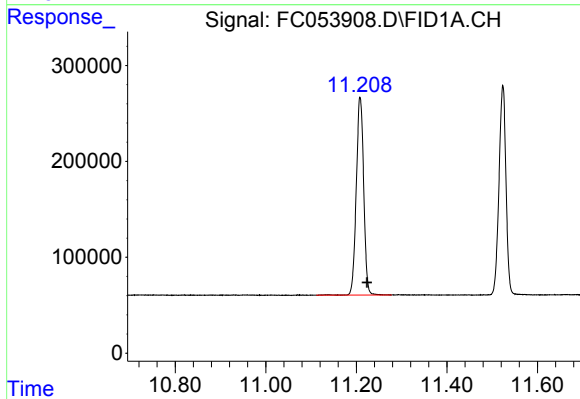
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.014 min
Response: 2366835
Conc: 19.43 ug/ml



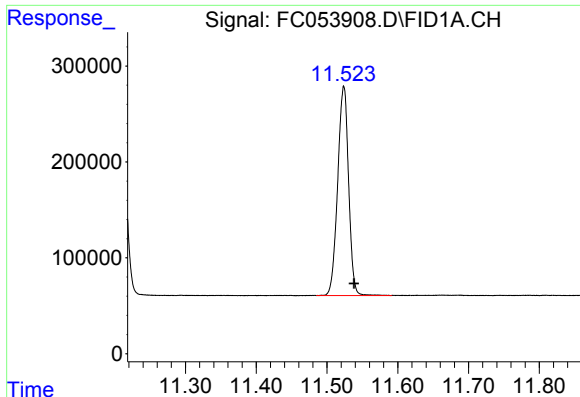
#7 n-Hexadecane (C16)

R.T.: 9.766 min
Delta R.T.: -0.014 min
Response: 2305567
Conc: 18.82 ug/ml



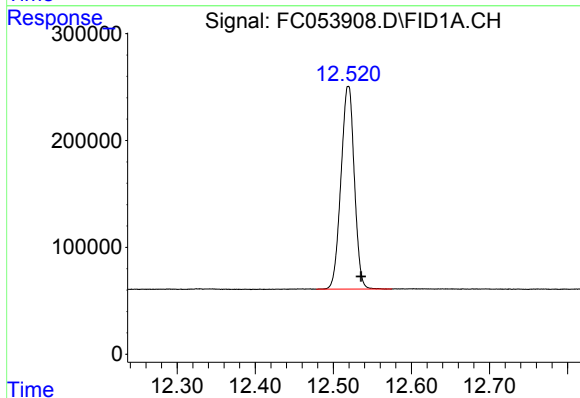
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.016 min
Response: 2339553
Conc: 17.96 ug/ml



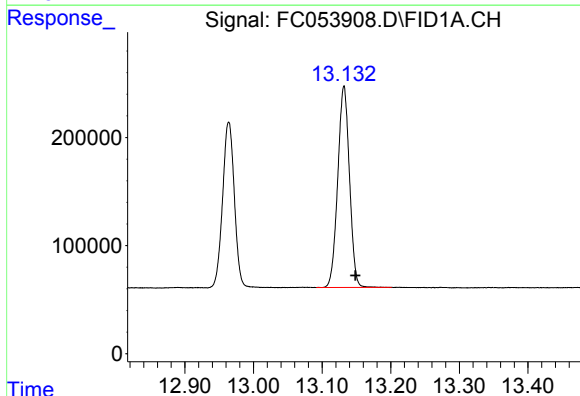
#9 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.015 min
Response: 2334222
Conc: 16.86 ug/ml



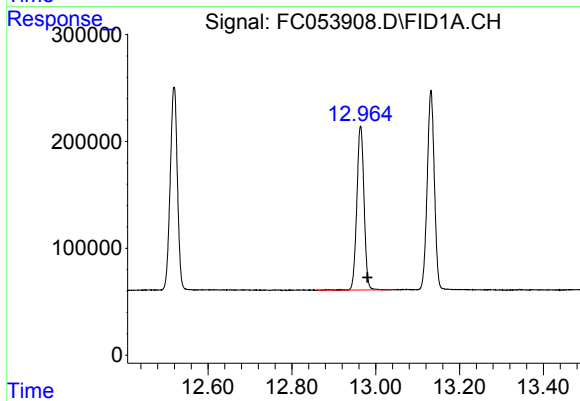
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: -0.017 min
Response: 2260798
Conc: 17.08 ug/ml



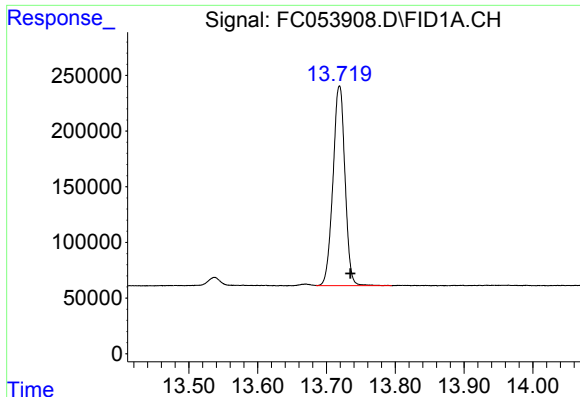
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.017 min
Response: 2208740
Conc: 16.63 ug/ml



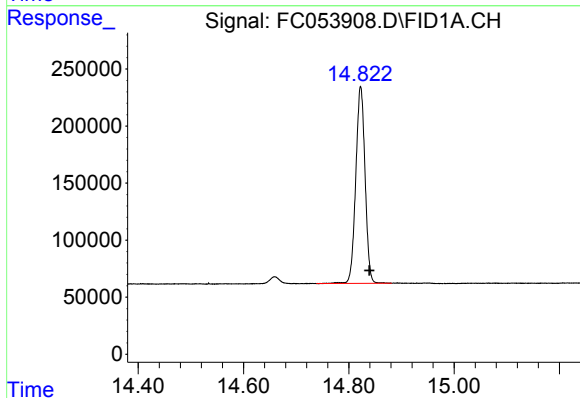
#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min
Delta R.T.: -0.016 min
Response: 1836517
Conc: 16.47 ug/ml



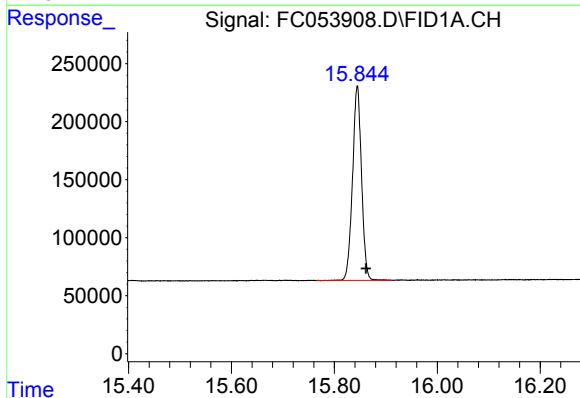
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: -0.016 min
Response: 2180605
Conc: 16.39 ug/ml



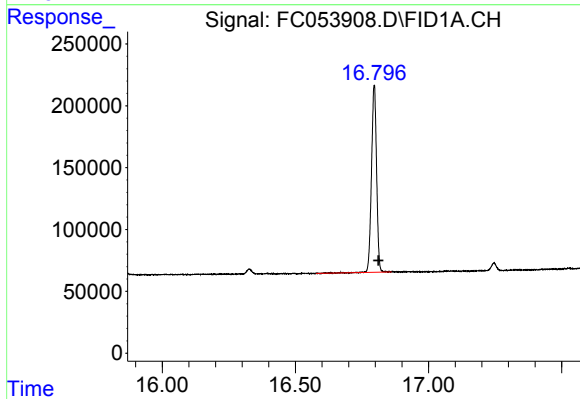
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: -0.017 min
Response: 2115086
Conc: 15.85 ug/ml



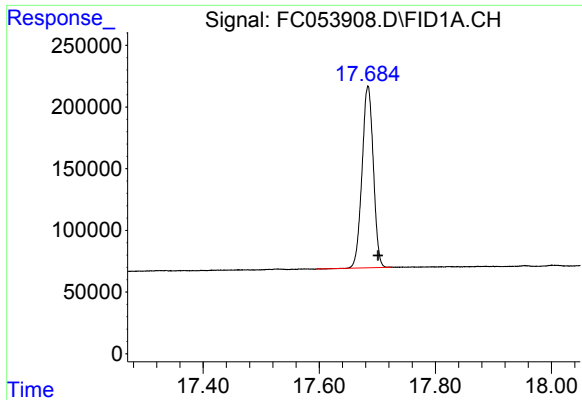
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: -0.017 min
Response: 2031043
Conc: 15.36 ug/ml



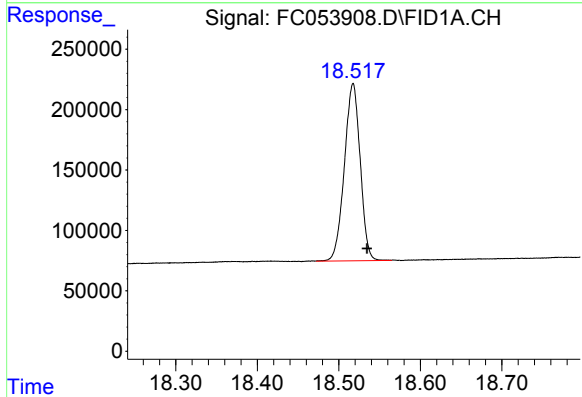
#16 n-Octacosane (C28)

R.T.: 16.796 min
Delta R.T.: -0.017 min
Response: 2003588
Conc: 15.31 ug/ml



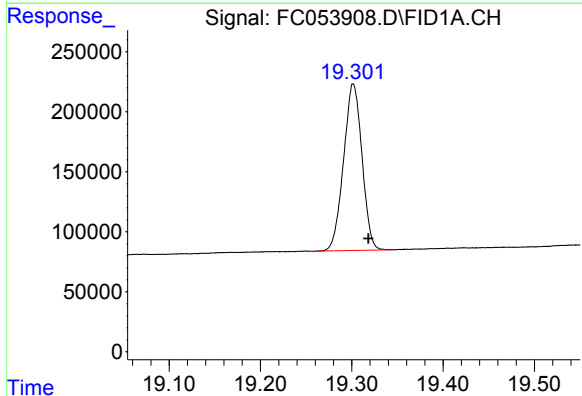
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.017 min
Response: 1983119
Conc: 15.20 ug/ml



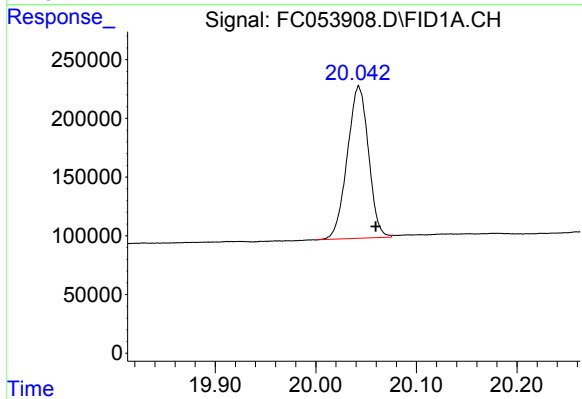
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.017 min
Response: 1981358
Conc: 15.70 ug/ml m



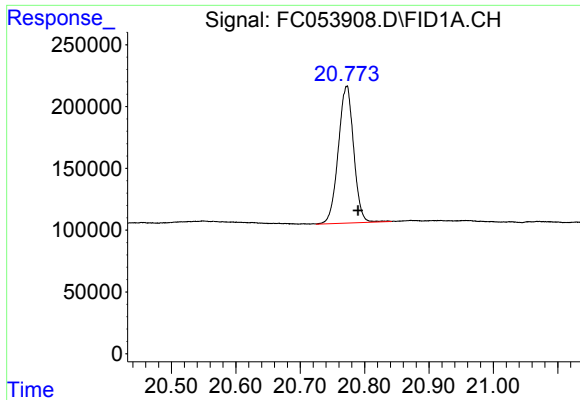
#19 n-Tetratriacontane (C34)

R.T.: 19.301 min
Delta R.T.: -0.017 min
Response: 1947899
Conc: 15.99 ug/ml m



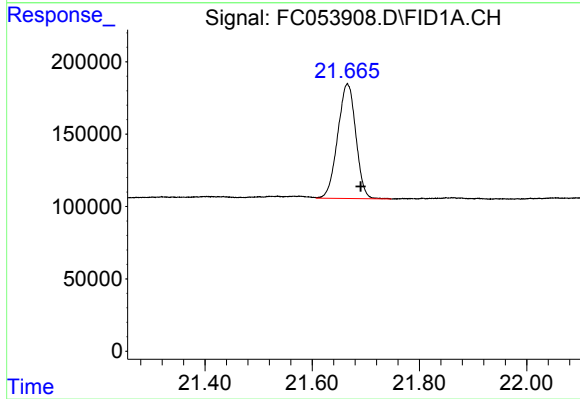
#20 n-Hexatriacontane (C36)

R.T.: 20.042 min
Delta R.T.: -0.017 min
Response: 1901423
Conc: 16.26 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.773 min
Delta R.T.: -0.017 min
Response: 1837499
Conc: 17.86 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.666 min
Delta R.T.: -0.025 min
Response: 1859676
Conc: 18.66 ug/ml