

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102919AL\
 Data File : FC044235.D
 Signal(s) : FID1A.CH
 Acq On : 29 Oct 2019 9:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 30 01:35:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.723	2463520	16.901 ug/ml
Spiked Amount 50.000		Recovery =	33.80%
12) S 1-chlorooctadecane (S...	13.156	1850818	16.553 ug/ml
Spiked Amount 50.000		Recovery =	33.11%
Target Compounds			
1) T n-Nonane (C9)	3.442	2298895	20.869 ug/ml
2) T n-Decane (C10)	4.519	2341078	21.077 ug/ml
3) T A~Naphthalene (C11.7)	6.122	2600778	20.903 ug/ml
4) T n-Dodecane (C12)	6.548	2367694	21.053 ug/ml
5) T A~2-methylnaphthalene...	7.182	2619977	20.776 ug/ml
6) T n-Tetradecane (C14)	8.347	2348240	20.756 ug/ml
7) T n-Hexadecane (C16)	9.952	2322359	20.325 ug/ml
8) T n-Octadecane (C18)	11.396	2275048	19.871 ug/ml
10) T n-Eicosane (C20)	12.709	2205322	19.337 ug/ml
11) T n-Heneicosane (C21)	13.322	2181692	19.021 ug/ml
13) T n-Docosane (C22)	13.908	2132899	18.783 ug/ml
14) T n-Tetracosane (C24)	15.014	2060836	18.224 ug/ml
15) T n-Hexacosane (C26)	16.037	1979619	17.892 ug/ml
16) T n-Octacosane (C28)	16.989	1931149	17.827 ug/ml
17) T n-Tricontane (C30)	17.880	1925917	18.198 ug/ml
18) T n-Dotriacontane (C32)	18.712	1883547	18.702 ug/ml
19) T n-Tetratriacontane (C34)	19.498	1856334	19.798 ug/ml
20) T n-Hexatriacontane (C36)	20.240	1830101	21.082 ug/ml
21) T n-Octatriacontane (C38)	21.014	1703049	21.119 ug/ml
22) T n-Tetracontane (C40)	21.990	2009153	23.769 ug/ml

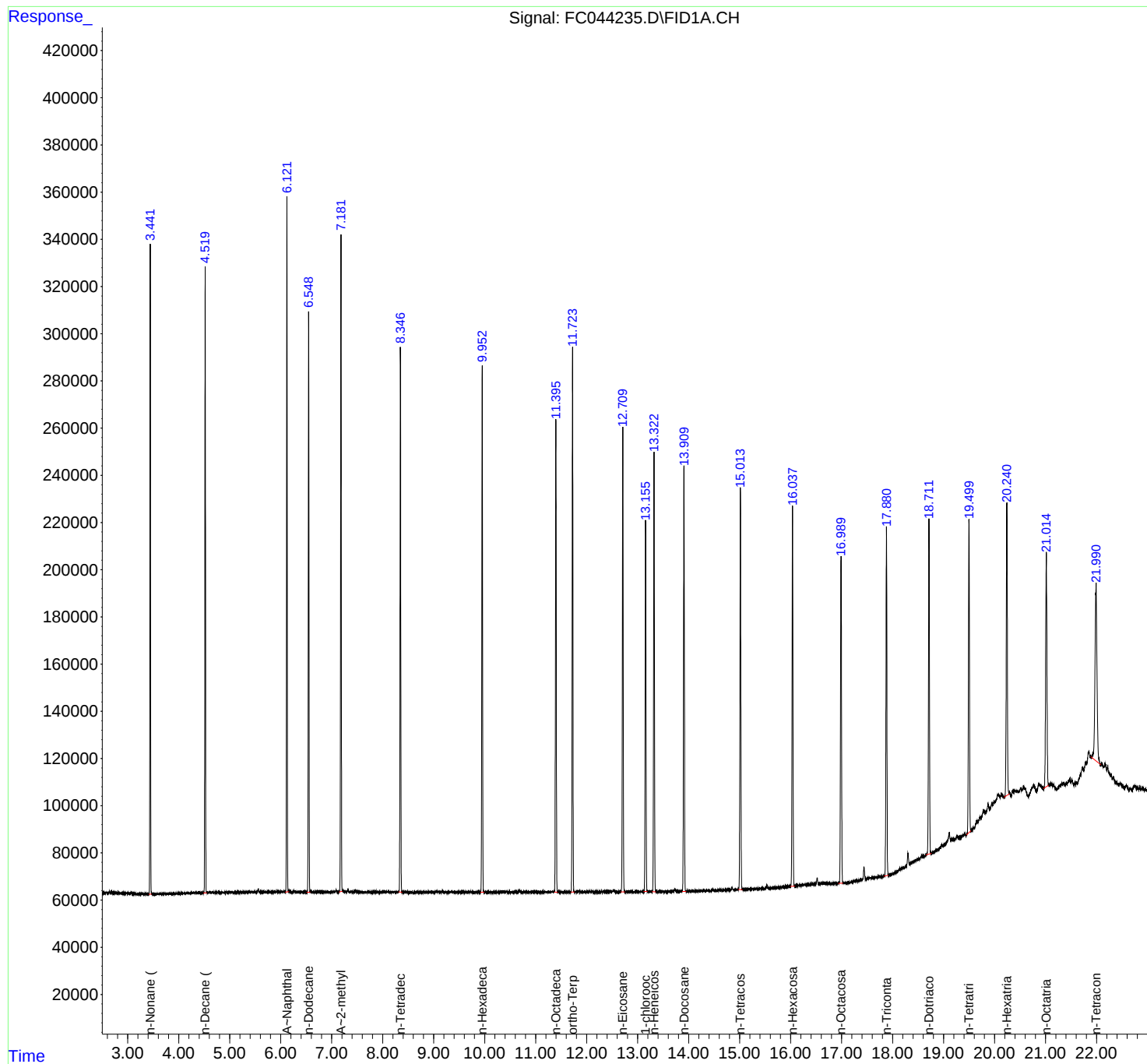
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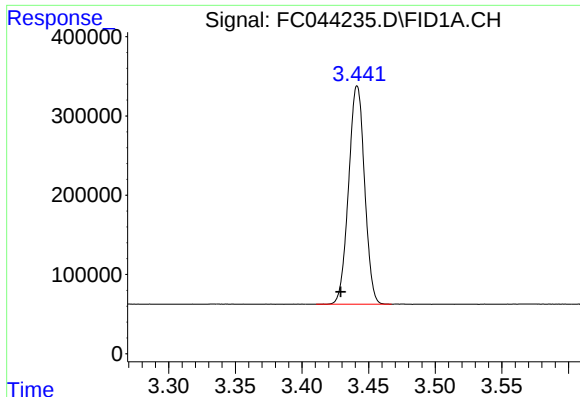
(m)=manual int.

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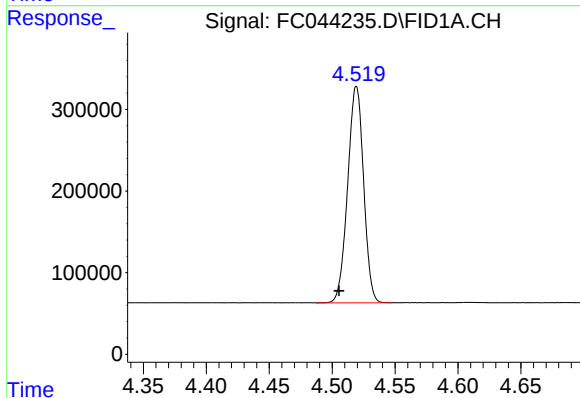
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Signal Info : 20M x 0.18mm x 0.18um





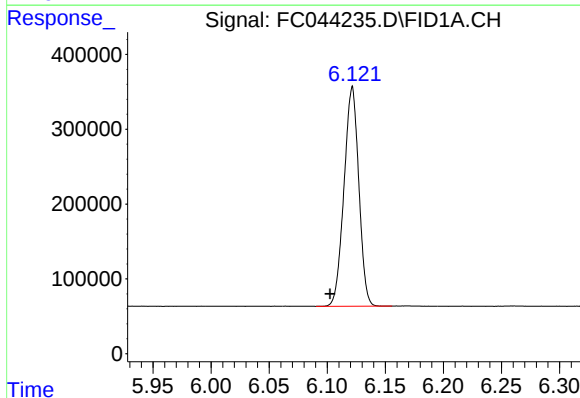
#1 n-Nonane (C9)

R.T.: 3.442 min
Delta R.T.: 0.013 min
Response: 2298895
Conc: 20.87 ug/ml



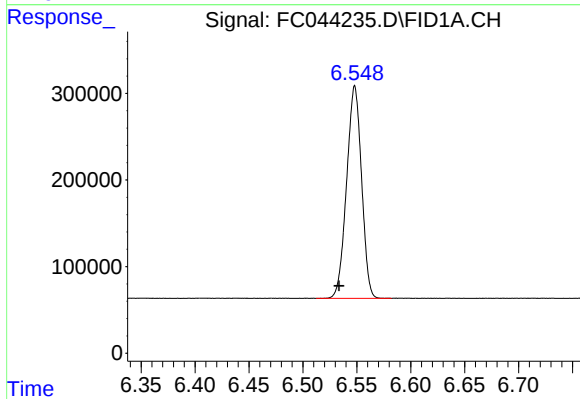
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.014 min
Response: 2341078
Conc: 21.08 ug/ml



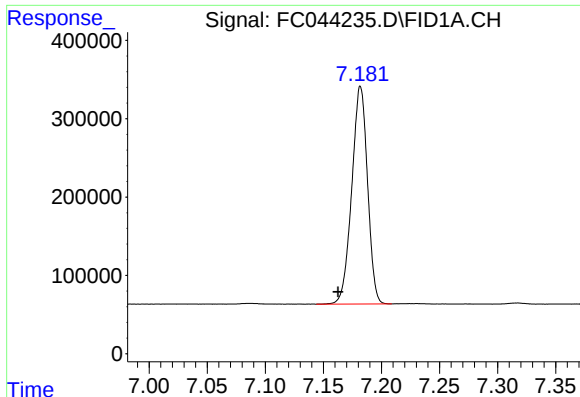
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: 0.019 min
Response: 2600778
Conc: 20.90 ug/ml



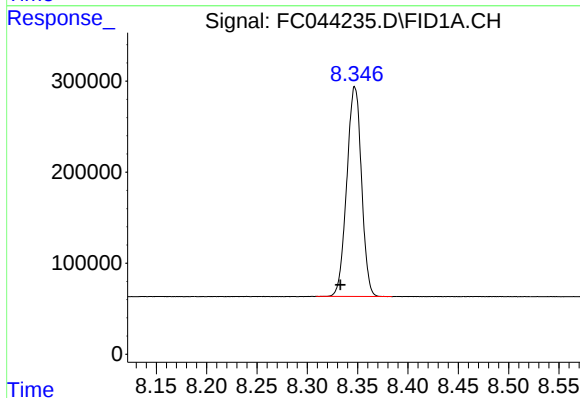
#4 n-Dodecane (C12)

R.T.: 6.548 min
Delta R.T.: 0.015 min
Response: 2367694
Conc: 21.05 ug/ml



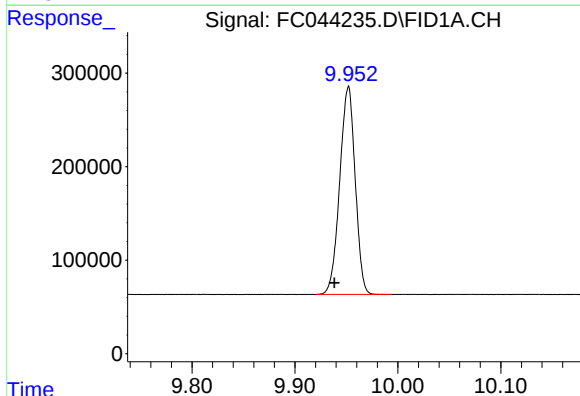
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.182 min
Delta R.T.: 0.019 min
Response: 2619977
Conc: 20.78 ug/ml



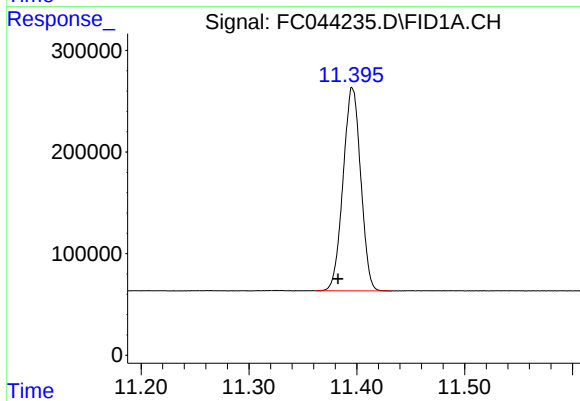
#6 n-Tetradecane (C14)

R.T.: 8.347 min
Delta R.T.: 0.014 min
Response: 2348240
Conc: 20.76 ug/ml



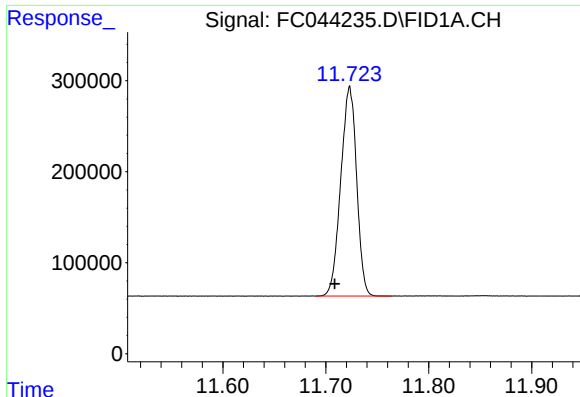
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: 0.014 min
Response: 2322359
Conc: 20.32 ug/ml



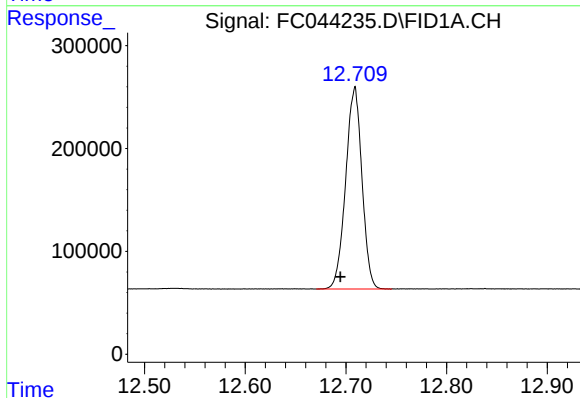
#8 n-Octadecane (C18)

R.T.: 11.396 min
Delta R.T.: 0.013 min
Response: 2275048
Conc: 19.87 ug/ml



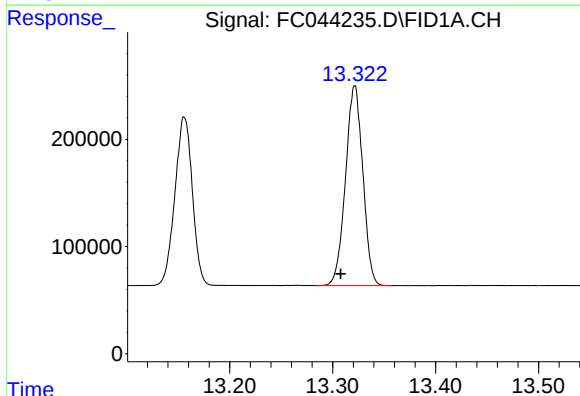
#9 ortho-Terphenyl (SURR)

R.T.: 11.723 min
Delta R.T.: 0.014 min
Response: 2463520
Conc: 16.90 ug/ml



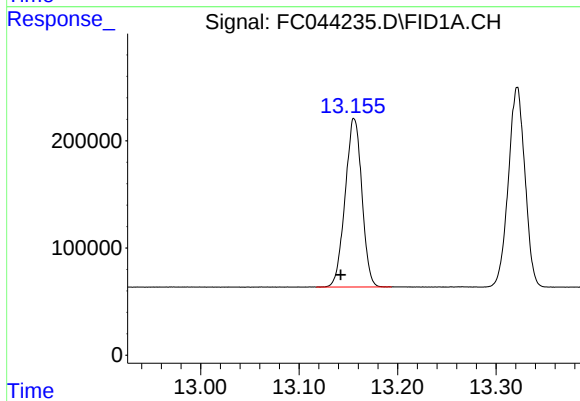
#10 n-Eicosane (C20)

R.T.: 12.709 min
Delta R.T.: 0.014 min
Response: 2205322
Conc: 19.34 ug/ml



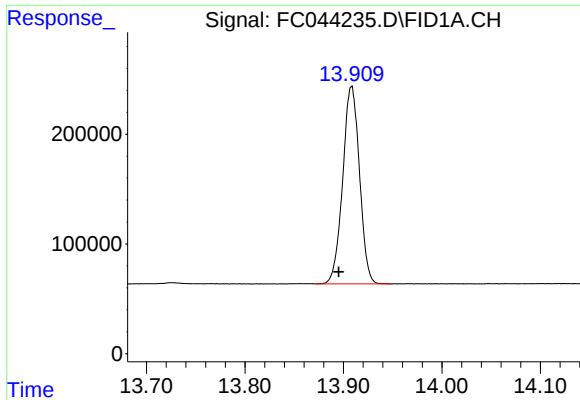
#11 n-Heneicosane (C21)

R.T.: 13.322 min
Delta R.T.: 0.014 min
Response: 2181692
Conc: 19.02 ug/ml



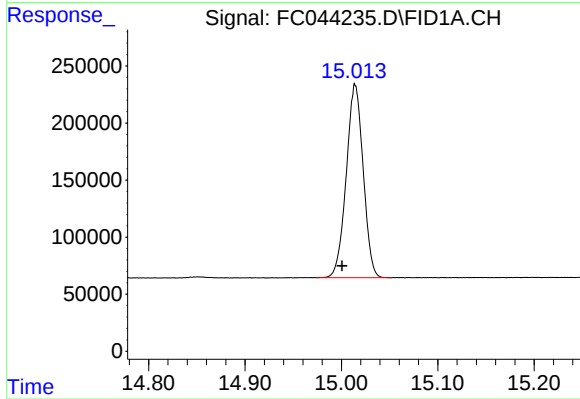
#12 1-chlorooctadecane (SURR)

R.T.: 13.156 min
Delta R.T.: 0.014 min
Response: 1850818
Conc: 16.55 ug/ml



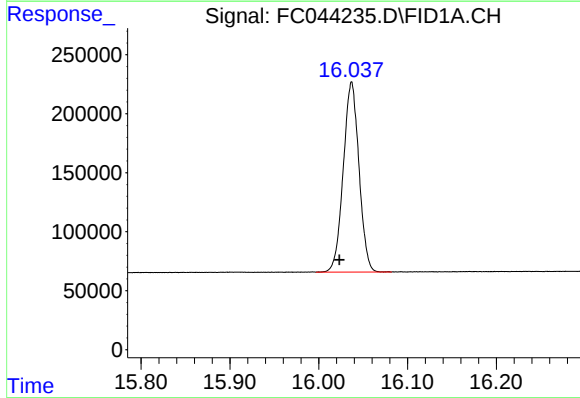
#13 n-Docosane (C22)

R.T.: 13.908 min
Delta R.T.: 0.013 min
Response: 2132899
Conc: 18.78 ug/ml



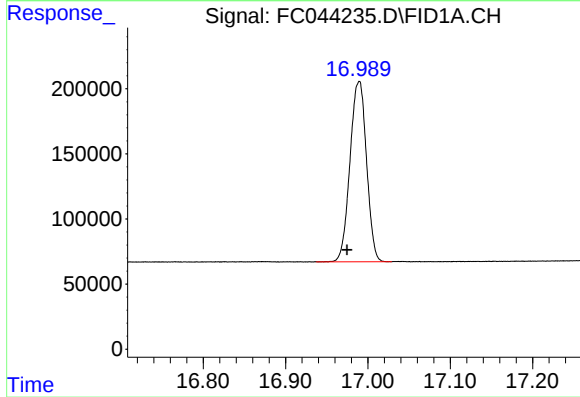
#14 n-Tetracosane (C24)

R.T.: 15.014 min
Delta R.T.: 0.013 min
Response: 2060836
Conc: 18.22 ug/ml



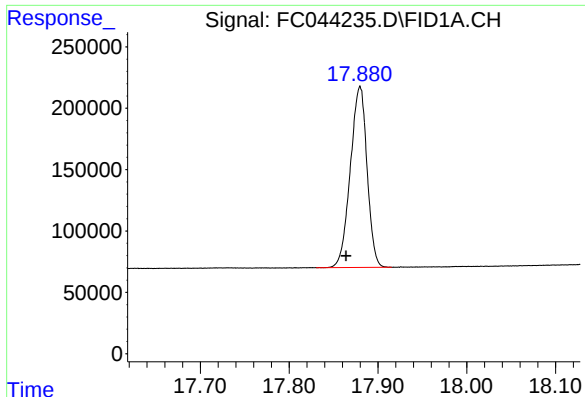
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: 0.014 min
Response: 1979619
Conc: 17.89 ug/ml



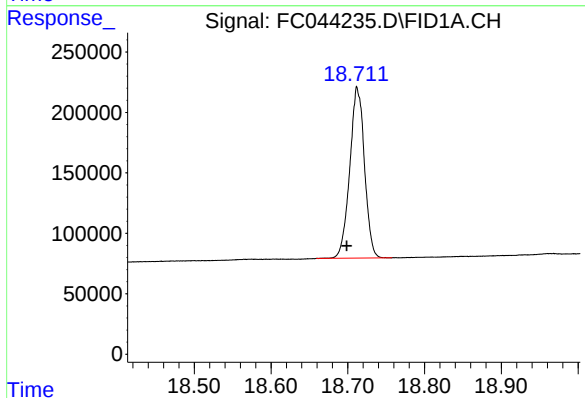
#16 n-Octacosane (C28)

R.T.: 16.989 min
Delta R.T.: 0.015 min
Response: 1931149
Conc: 17.83 ug/ml



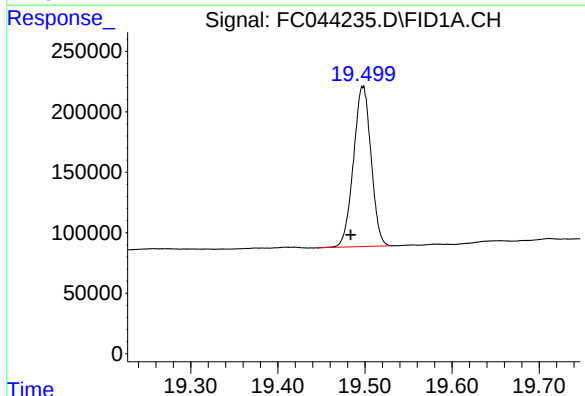
#17 n-Tricontane (C30)

R.T.: 17.880 min
Delta R.T.: 0.016 min
Response: 1925917
Conc: 18.20 ug/ml



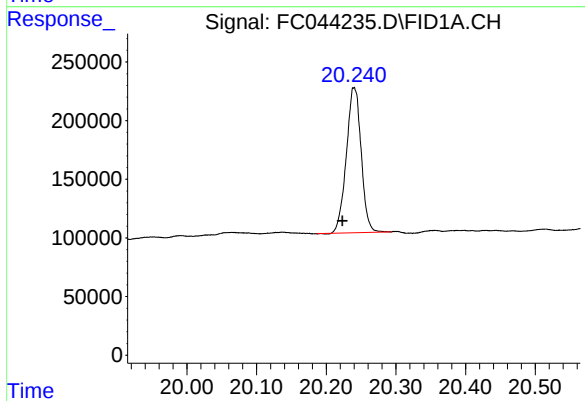
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: 0.014 min
Response: 1883547
Conc: 18.70 ug/ml



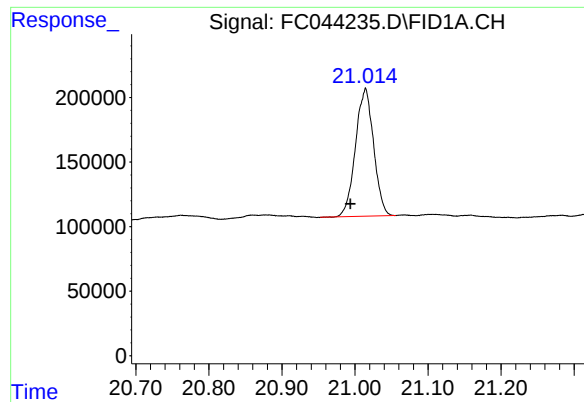
#19 n-Tetratriacontane (C34)

R.T.: 19.498 min
Delta R.T.: 0.014 min
Response: 1856334
Conc: 19.80 ug/ml



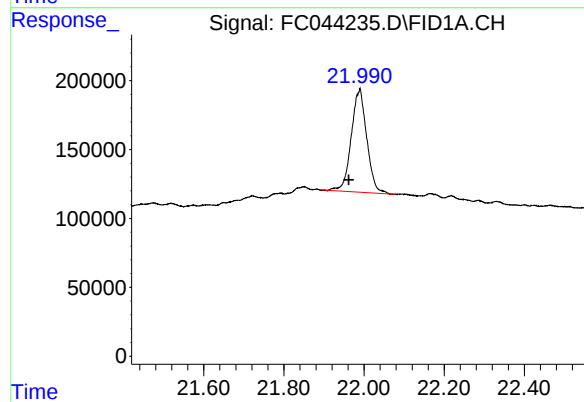
#20 n-Hexatriacontane (C36)

R.T.: 20.240 min
Delta R.T.: 0.016 min
Response: 1830101
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.014 min
Delta R.T.: 0.021 min
Response: 1703049
Conc: 21.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: 0.029 min
Response: 2009153
Conc: 23.77 ug/ml