

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122220AL\
 Data File : FC051419.D
 Signal(s) : FID1A.CH
 Acq On : 22 Dec 2020 23:09
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 00:09:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.568	2264133	19.535 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	13.001	1739860	19.287 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T n-Nonane (C9)	3.329	2057933	20.859 ug/ml
2) T n-Decane (C10)	4.396	2067151	20.905 ug/ml
3) T A~Naphthalene (C11.7)	5.987	2185316	20.896 ug/ml
4) T n-Dodecane (C12)	6.414	2127892	20.815 ug/ml
5) T A~2-methylnaphthalene...	7.044	2178702	20.741 ug/ml
6) T n-Tetradecane (C14)	8.208	2089589	20.599 ug/ml
7) T n-Hexadecane (C16)	9.808	2037831	20.233 ug/ml
8) T n-Octadecane (C18)	11.248	2120707	19.884 ug/ml
10) T n-Eicosane (C20)	12.556	2107745	19.572 ug/ml
11) T n-Heneicosane (C21)	13.168	2075441	19.349 ug/ml
13) T n-Docosane (C22)	13.753	2051005	19.205 ug/ml
14) T n-Tetracosane (C24)	14.855	1998033	18.877 ug/ml
15) T n-Hexacosane (C26)	15.874	1938437	18.715 ug/ml
16) T n-Octacosane (C28)	16.822	1902816	18.689 ug/ml
17) T n-Tricontane (C30)	17.708	1852769	18.813 ug/ml
18) T n-Dotriacontane (C32)	18.538	1746909	19.282 ug/ml
19) T n-Tetratriacontane (C34)	19.321	1684165	19.815 ug/ml
20) T n-Hexatriacontane (C36)	20.059	1759054	20.745 ug/ml
21) T n-Octatriacontane (C38)	20.791	1616942	21.120 ug/ml
22) T n-Tetracontane (C40)	21.700	1615966	20.435 ug/ml

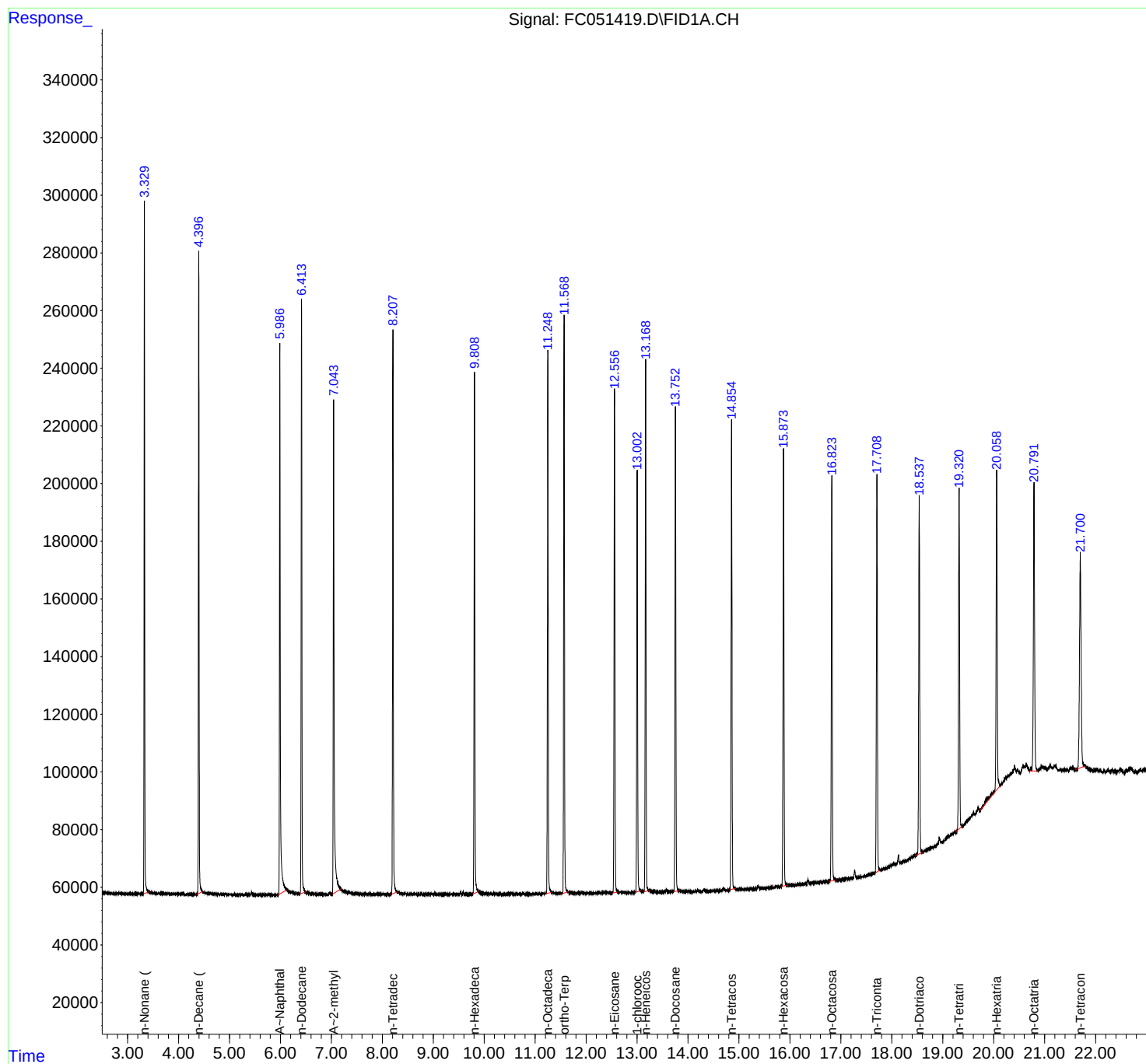
(f)=RT Delta > 1/2 Window

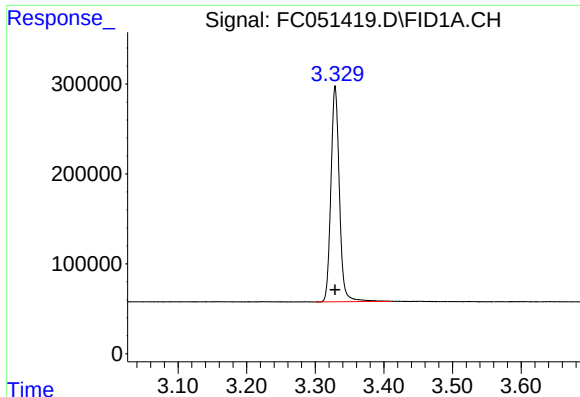
(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 122120.M
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QLast Update : Tue Dec 22 00:33:00 2020
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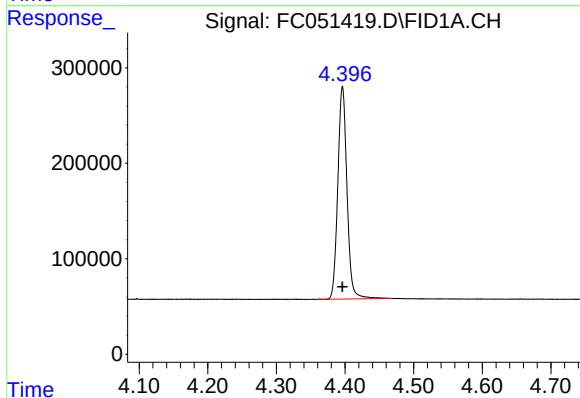
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





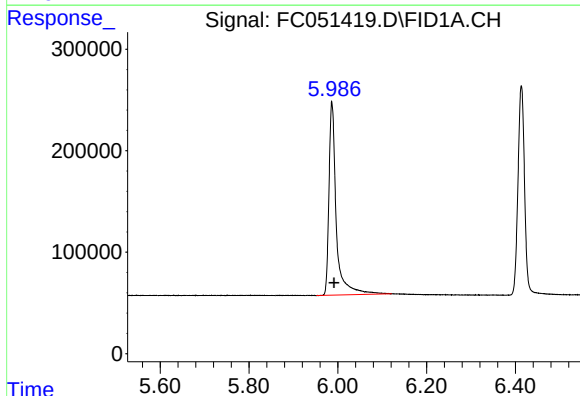
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 2057933
Conc: 20.86 ug/ml



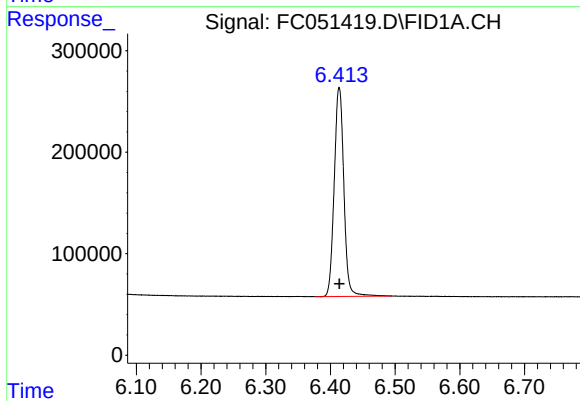
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 2067151
Conc: 20.91 ug/ml



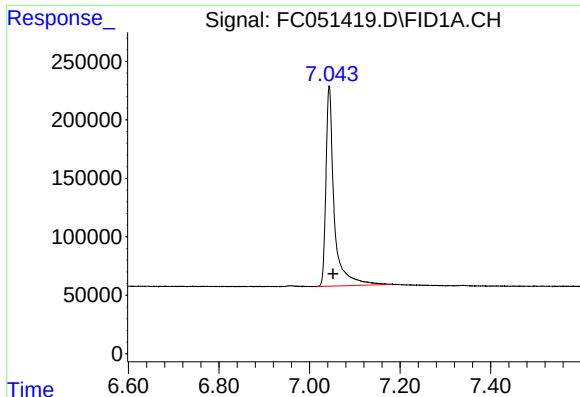
#3 A~Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.005 min
Response: 2185316
Conc: 20.90 ug/ml



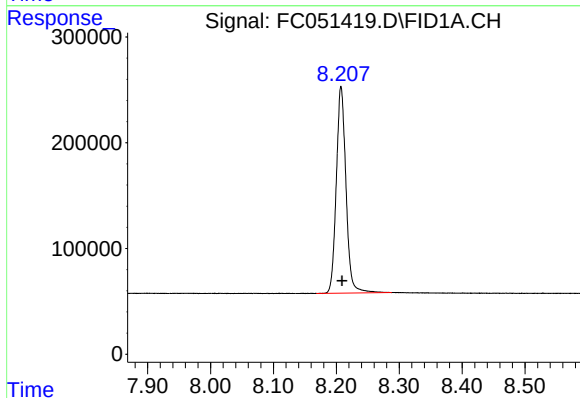
#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 2127892
Conc: 20.81 ug/ml



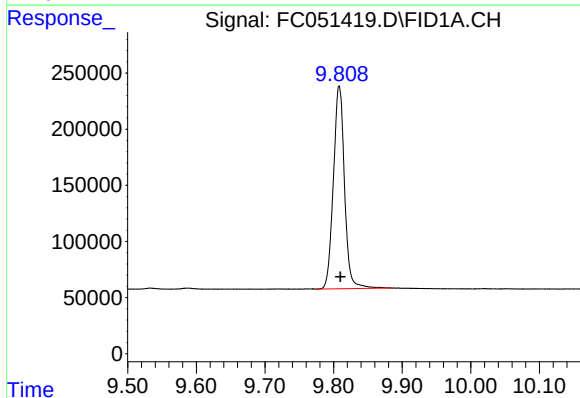
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.044 min
Delta R.T.: -0.008 min
Response: 2178702
Conc: 20.74 ug/ml



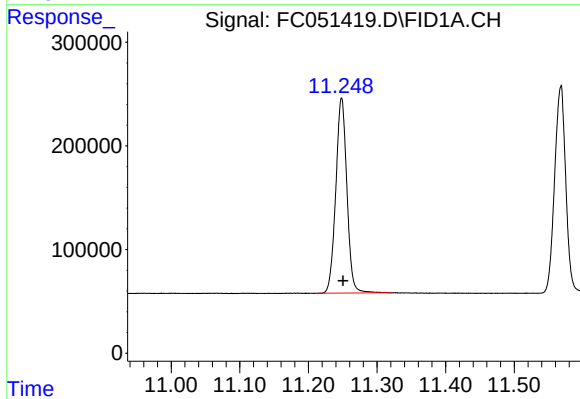
#6 n-Tetradecane (C14)

R.T.: 8.208 min
Delta R.T.: -0.001 min
Response: 2089589
Conc: 20.60 ug/ml



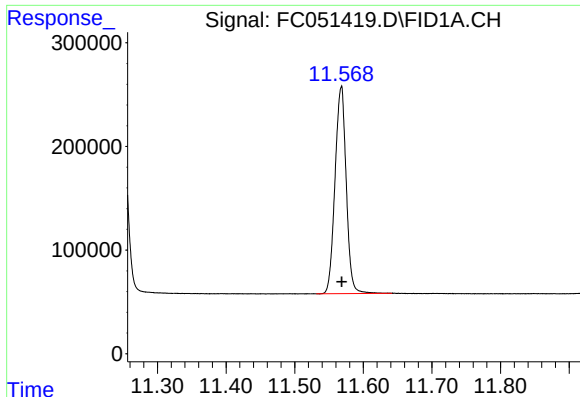
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: -0.002 min
Response: 2037831
Conc: 20.23 ug/ml



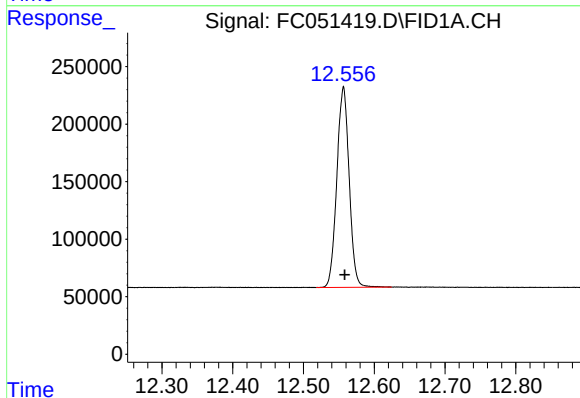
#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: -0.002 min
Response: 2120707
Conc: 19.88 ug/ml



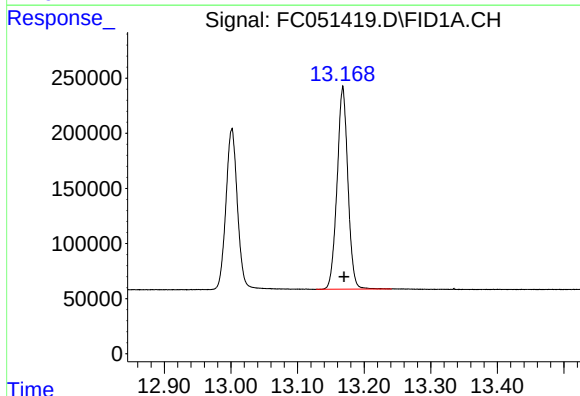
#9 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 2264133
Conc: 19.54 ug/ml



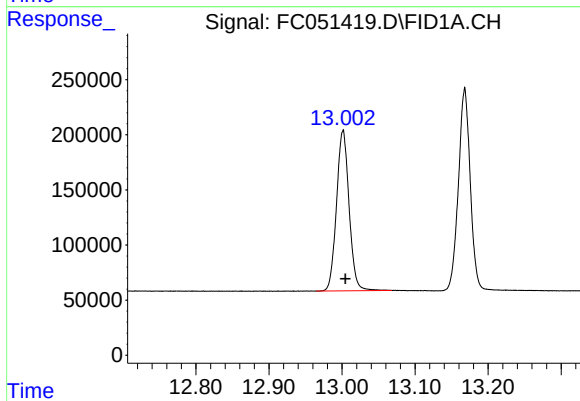
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: -0.002 min
Response: 2107745
Conc: 19.57 ug/ml



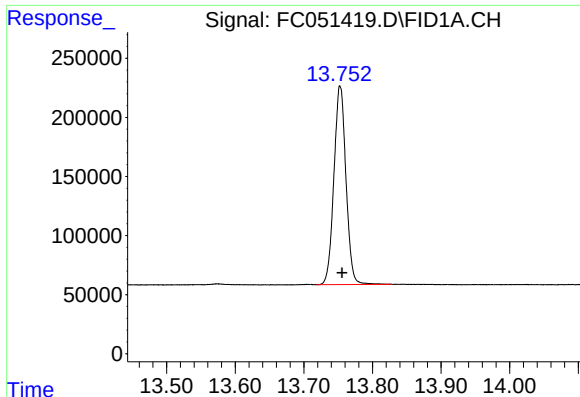
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: -0.002 min
Response: 2075441
Conc: 19.35 ug/ml



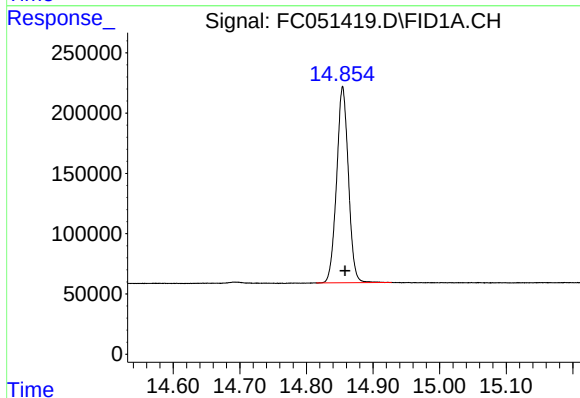
#12 1-chlorooctadecane (SURR)

R.T.: 13.001 min
Delta R.T.: -0.003 min
Response: 1739860
Conc: 19.29 ug/ml



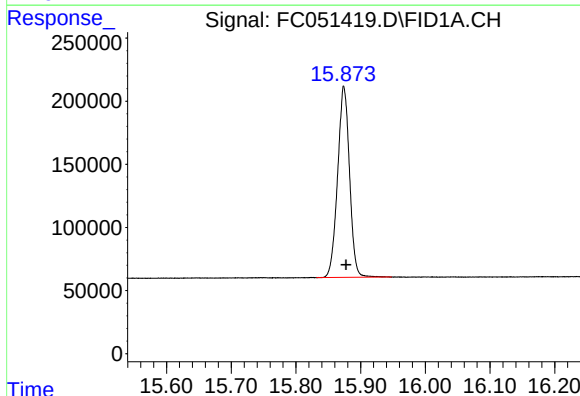
#13 n-Docosane (C22)

R.T.: 13.753 min
Delta R.T.: -0.003 min
Response: 2051005
Conc: 19.21 ug/ml



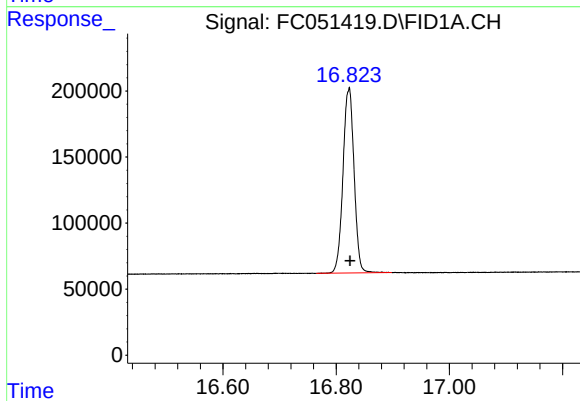
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.003 min
Response: 1998033
Conc: 18.88 ug/ml



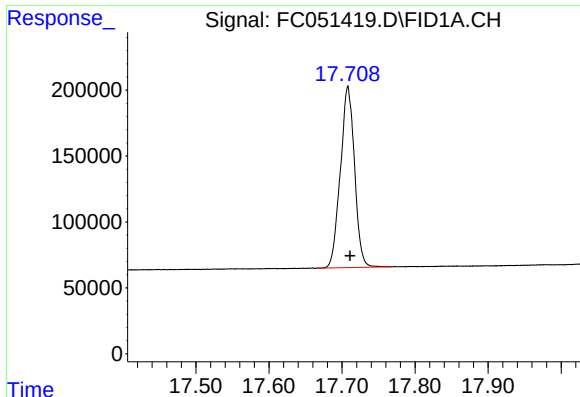
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.004 min
Response: 1938437
Conc: 18.72 ug/ml



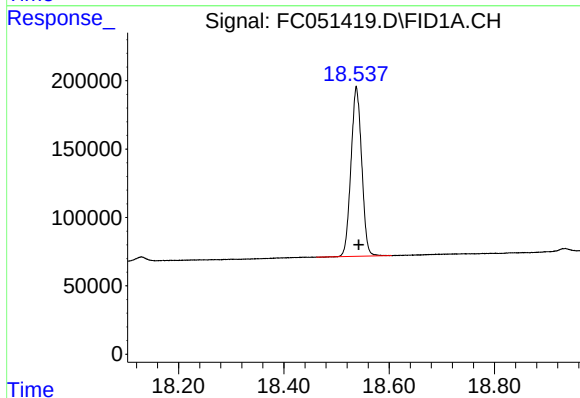
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: -0.002 min
Response: 1902816
Conc: 18.69 ug/ml



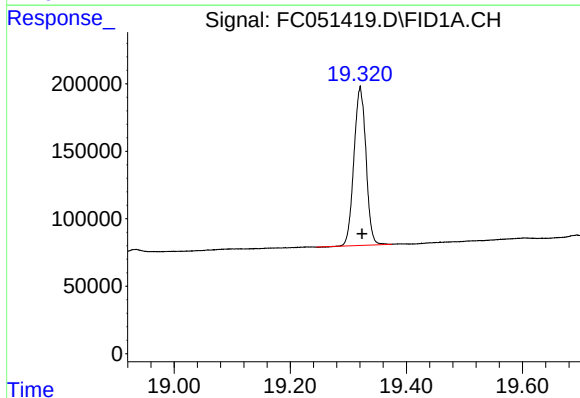
#17 n-Tricontane (C30)

R.T.: 17.708 min
Delta R.T.: -0.003 min
Response: 1852769
Conc: 18.81 ug/ml



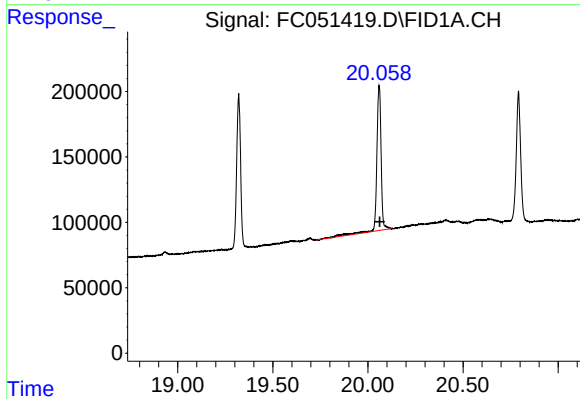
#18 n-Dotriacontane (C32)

R.T.: 18.538 min
Delta R.T.: -0.004 min
Response: 1746909
Conc: 19.28 ug/ml



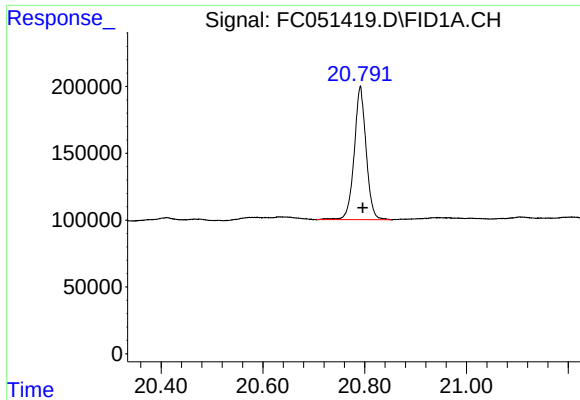
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: -0.003 min
Response: 1684165
Conc: 19.81 ug/ml



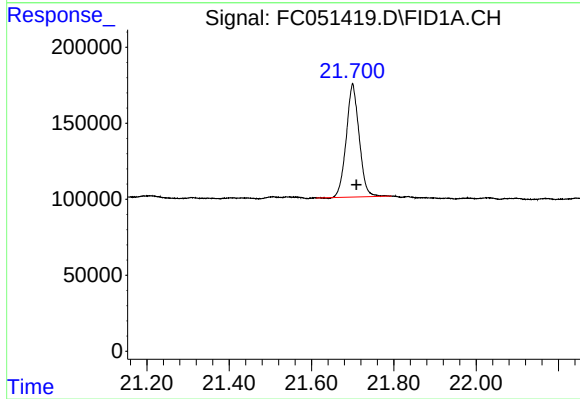
#20 n-Hexatriacontane (C36)

R.T.: 20.059 min
Delta R.T.: -0.003 min
Response: 1759054
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: -0.005 min
Response: 1616942
Conc: 21.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: -0.009 min
Response: 1615966
Conc: 20.43 ug/ml