

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121020AL\
 Data File : FC051241.D
 Signal(s) : FID1A.CH
 Acq On : 10 Dec 2020 20:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 11 01:43:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.579	2006134	16.304 ug/ml
Spiked Amount 50.000		Recovery =	32.61%
12) S 1-chlorooctadecane (S...	13.013	1545817	15.846 ug/ml
Spiked Amount 50.000		Recovery =	31.69%
Target Compounds			
1) T n-Nonane (C9)	3.335	1953487	18.356 ug/ml
2) T n-Decane (C10)	4.405	1964691	18.499 ug/ml
3) T A~Naphthalene (C11.7)	5.998	2053237	18.263 ug/ml
4) T n-Dodecane (C12)	6.424	2000254	18.384 ug/ml
5) T A~2-methylnaphthalene...	7.055	2002307	17.717 ug/ml
6) T n-Tetradecane (C14)	8.219	1965350	18.164 ug/ml
7) T n-Hexadecane (C16)	9.819	1900021	17.705 ug/ml
8) T n-Octadecane (C18)	11.260	1942372	17.030 ug/ml
10) T n-Eicosane (C20)	12.569	1892756	16.293 ug/ml
11) T n-Heneicosane (C21)	13.180	1859106	16.046 ug/ml
13) T n-Docosane (C22)	13.765	1840003	15.886 ug/ml
14) T n-Tetracosane (C24)	14.867	1796303	15.619 ug/ml
15) T n-Hexacosane (C26)	15.887	1771714	15.735 ug/ml
16) T n-Octacosane (C28)	16.836	1799813	16.255 ug/ml
17) T n-Tricontane (C30)	17.722	1831923	17.246 ug/ml
18) T n-Dotriacontane (C32)	18.553	1751548	17.926 ug/ml
19) T n-Tetratriacontane (C34)	19.333	1660659	18.607 ug/mlm
20) T n-Hexatriacontane (C36)	20.072	1584948	19.003 ug/mlm
21) T n-Octatriacontane (C38)	20.809	1495102	19.199 ug/ml
22) T n-Tetracontane (C40)	21.723	1439071	17.380 ug/ml

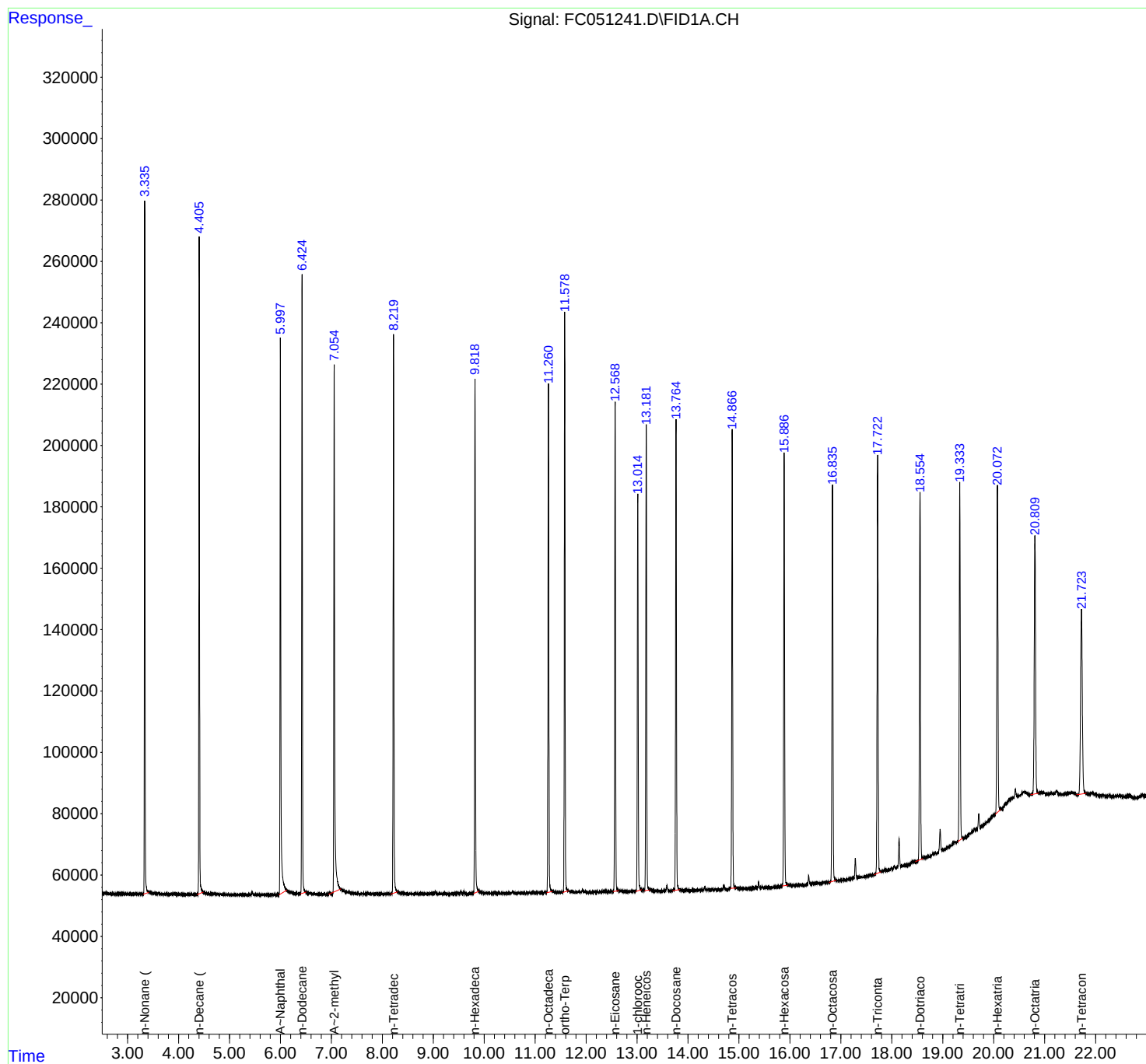
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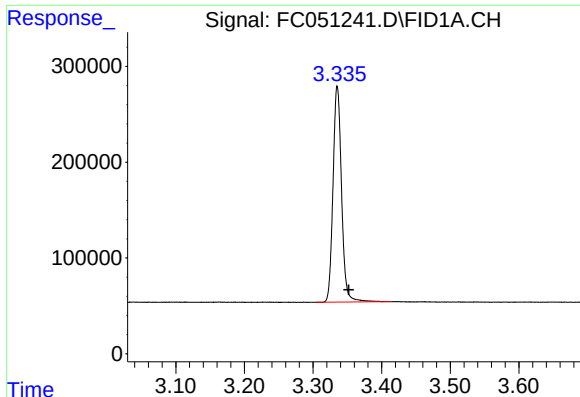
(m)=manual int.

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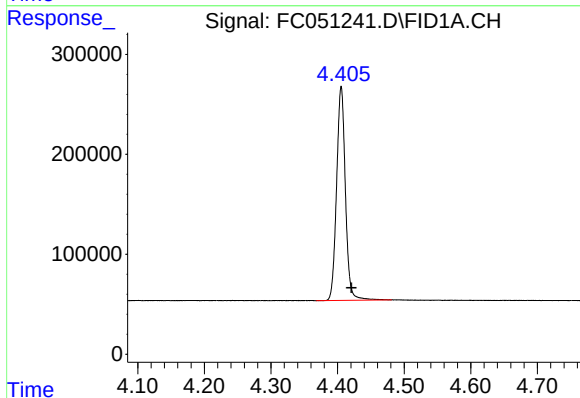
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





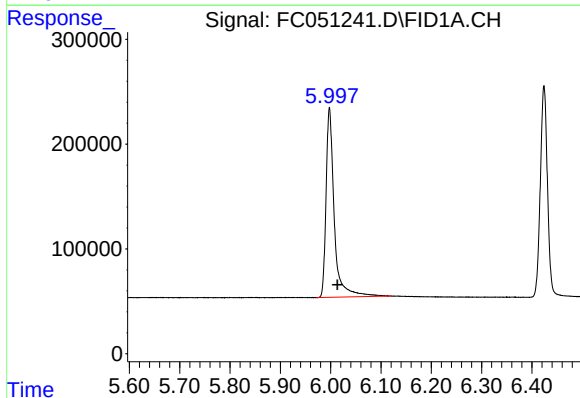
#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: -0.017 min
Response: 1953487
Conc: 18.36 ug/ml



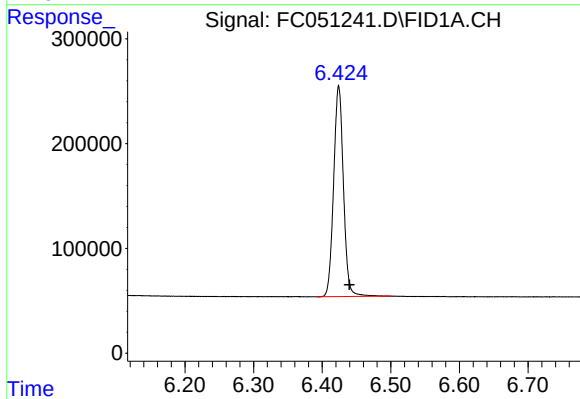
#2 n-Decane (C10)

R.T.: 4.405 min
Delta R.T.: -0.015 min
Response: 1964691
Conc: 18.50 ug/ml



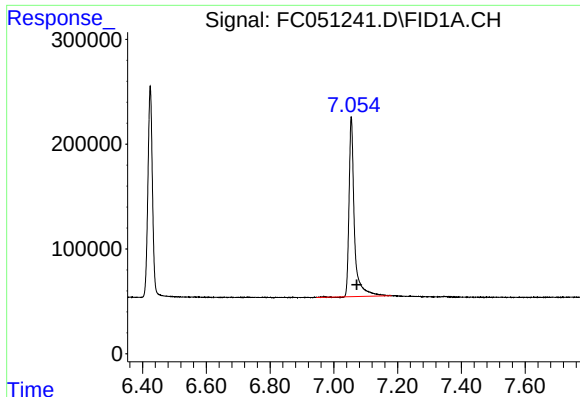
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.015 min
Response: 2053237
Conc: 18.26 ug/ml



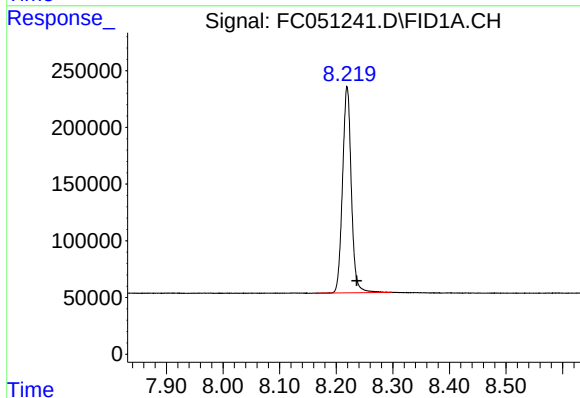
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: -0.016 min
Response: 2000254
Conc: 18.38 ug/ml



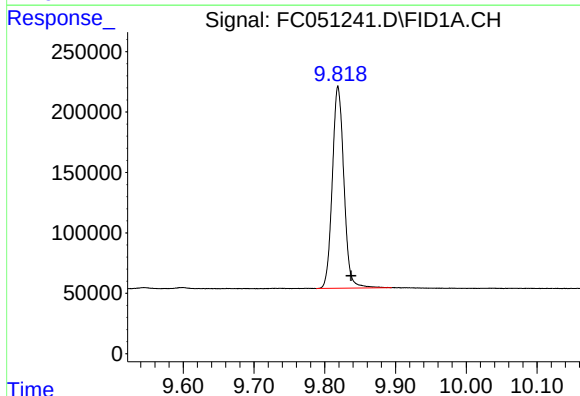
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.055 min
Delta R.T.: -0.016 min
Response: 2002307
Conc: 17.72 ug/ml



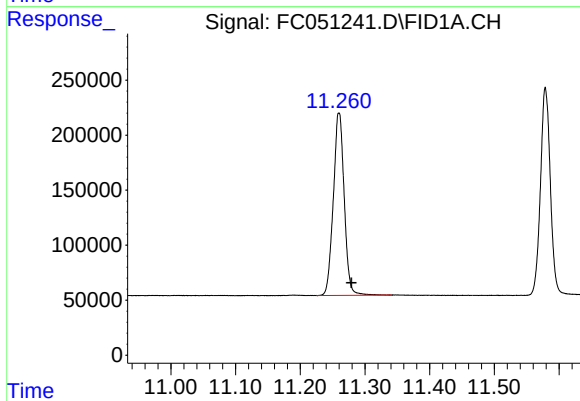
#6 n-Tetradecane (C14)

R.T.: 8.219 min
Delta R.T.: -0.017 min
Response: 1965350
Conc: 18.16 ug/ml



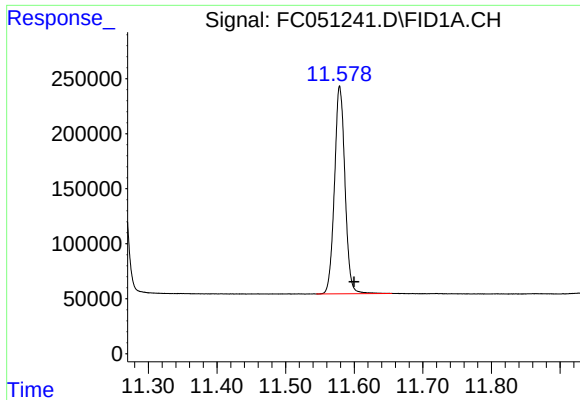
#7 n-Hexadecane (C16)

R.T.: 9.819 min
Delta R.T.: -0.018 min
Response: 1900021
Conc: 17.71 ug/ml



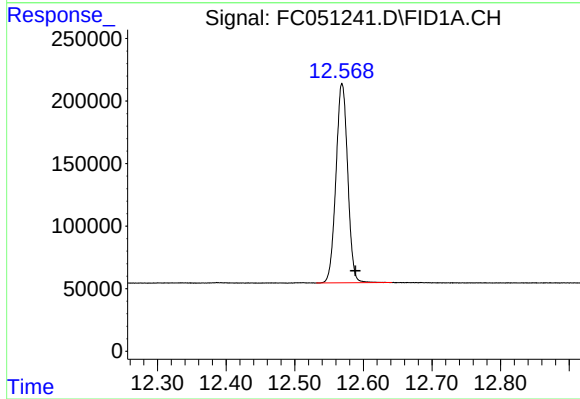
#8 n-Octadecane (C18)

R.T.: 11.260 min
Delta R.T.: -0.019 min
Response: 1942372
Conc: 17.03 ug/ml



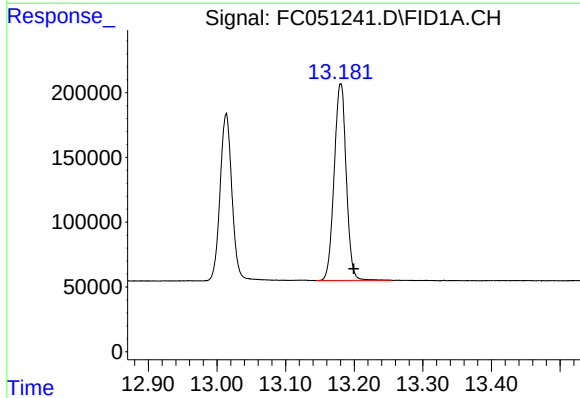
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: -0.021 min
Response: 2006134
Conc: 16.30 ug/ml



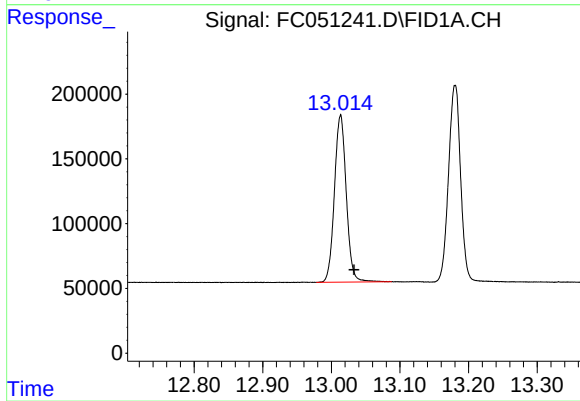
#10 n-Eicosane (C20)

R.T.: 12.569 min
Delta R.T.: -0.019 min
Response: 1892756
Conc: 16.29 ug/ml



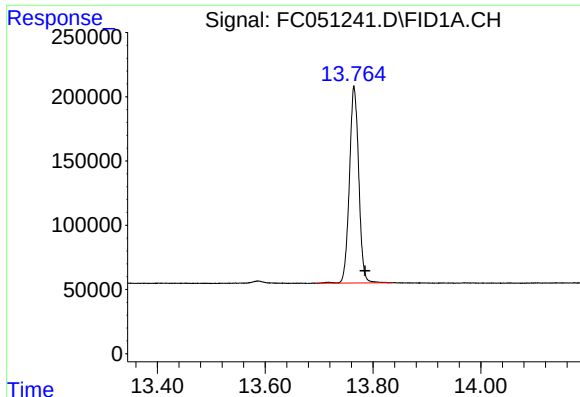
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: -0.019 min
Response: 1859106
Conc: 16.05 ug/ml



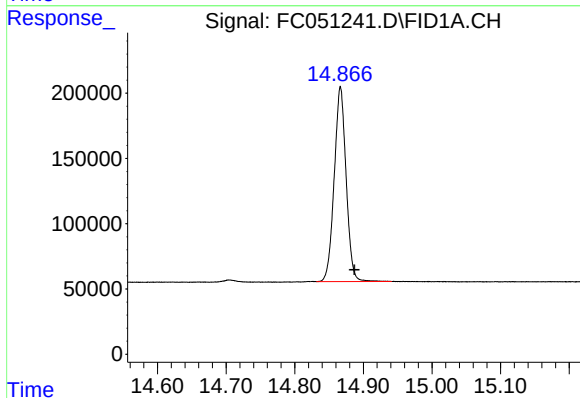
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: -0.020 min
Response: 1545817
Conc: 15.85 ug/ml



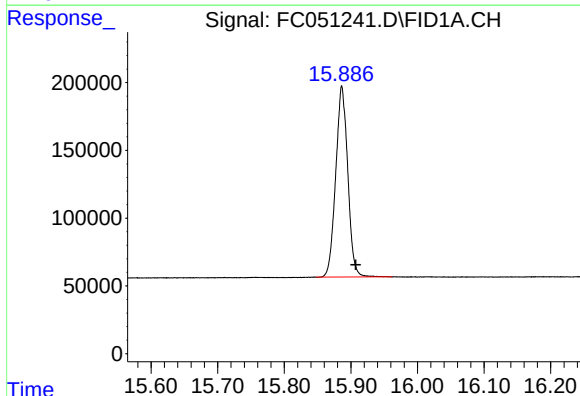
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: -0.020 min
Response: 1840003
Conc: 15.89 ug/ml



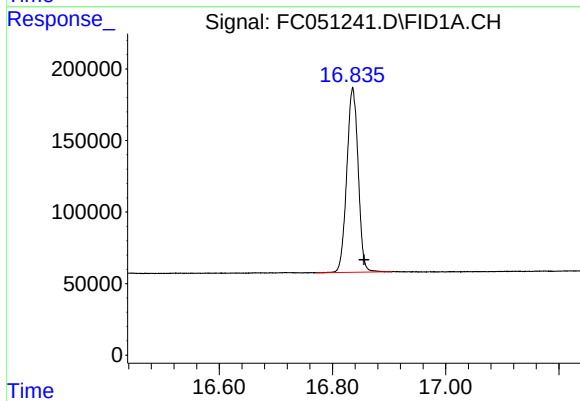
#14 n-Tetracosane (C24)

R.T.: 14.867 min
Delta R.T.: -0.021 min
Response: 1796303
Conc: 15.62 ug/ml



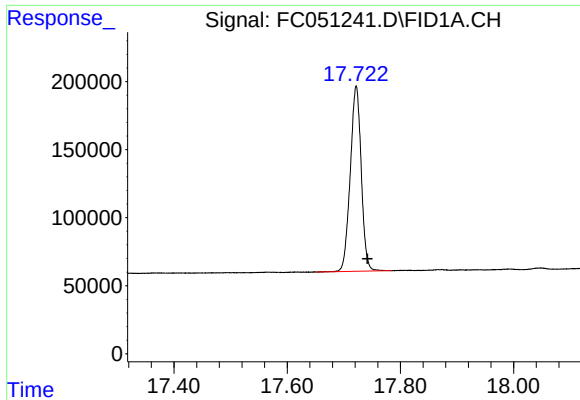
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: -0.021 min
Response: 1771714
Conc: 15.74 ug/ml



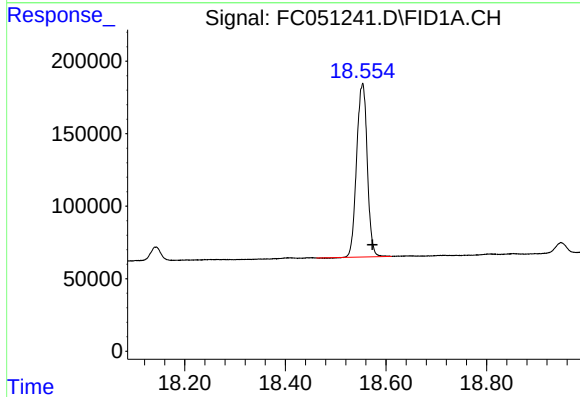
#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: -0.020 min
Response: 1799813
Conc: 16.25 ug/ml



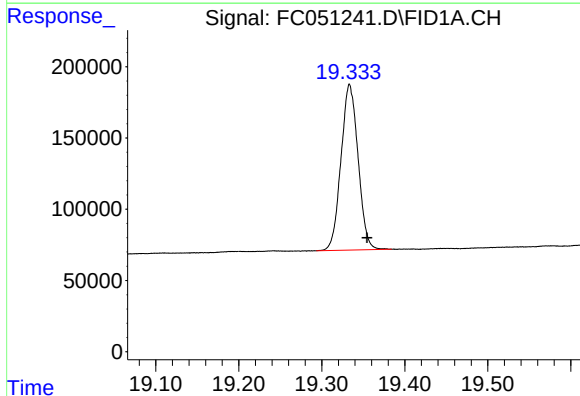
#17 n-Tricontane (C30)

R.T.: 17.722 min
Delta R.T.: -0.020 min
Response: 1831923
Conc: 17.25 ug/ml



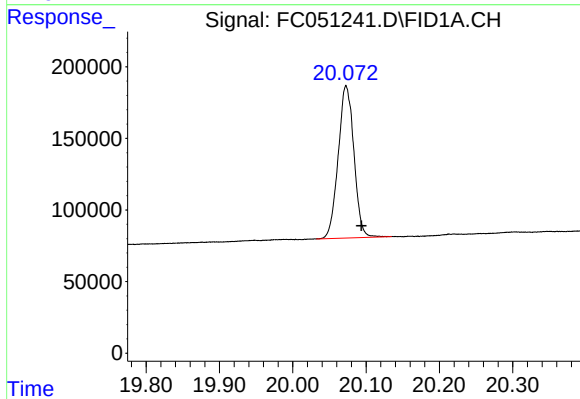
#18 n-Dotriacontane (C32)

R.T.: 18.553 min
Delta R.T.: -0.020 min
Response: 1751548
Conc: 17.93 ug/ml



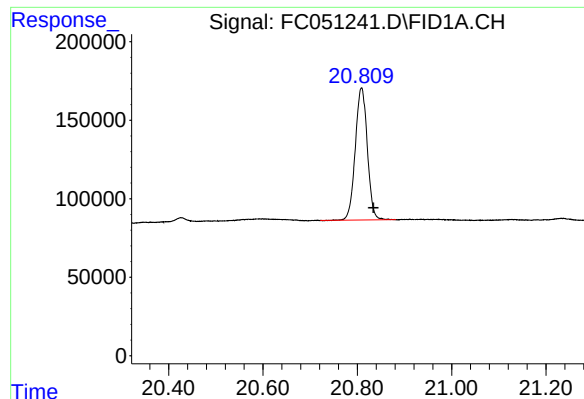
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: -0.022 min
Response: 1660659
Conc: 18.61 ug/ml m



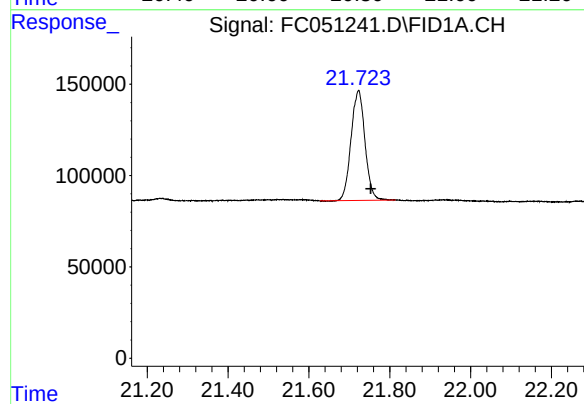
#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: -0.022 min
Response: 1584948
Conc: 19.00 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.809 min
Delta R.T.: -0.025 min
Response: 1495102
Conc: 19.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.031 min
Response: 1439071
Conc: 17.38 ug/ml