

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031620AL\
 Data File : FC046328.D
 Signal(s) : FID1A.CH
 Acq On : 16 Mar 2020 11:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 17 02:26:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.755	2175272	19.068 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
12) S 1-chlorooctadecane (S...	13.173	1665939	18.570 ug/ml
Spiked Amount 50.000		Recovery =	37.14%
Target Compounds			
1) T n-Nonane (C9)	3.536	2112578	20.958 ug/ml
2) T n-Decane (C10)	4.605	2152304	21.339 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2230768	20.090 ug/ml
4) T n-Dodecane (C12)	6.615	2170974	21.280 ug/ml
5) T A~2-methylnaphthalene...	7.255	2224421	19.997 ug/ml
6) T n-Tetradecane (C14)	8.398	2143598	20.940 ug/ml
7) T n-Hexadecane (C16)	9.990	2114638	20.424 ug/ml
8) T n-Octadecane (C18)	11.424	2091255	19.893 ug/ml
10) T n-Eicosane (C20)	12.725	2049243	19.385 ug/ml
11) T n-Heneicosane (C21)	13.335	2032690	19.058 ug/ml
13) T n-Docosane (C22)	13.919	2010147	18.918 ug/ml
14) T n-Tetracosane (C24)	15.017	1984744	18.544 ug/ml
15) T n-Hexacosane (C26)	16.032	1987244	18.697 ug/ml
16) T n-Octacosane (C28)	16.980	1964195	18.761 ug/ml
17) T n-Tricontane (C30)	17.862	1898926	18.844 ug/ml
18) T n-Dotriacontane (C32)	18.690	1627205	19.013 ug/ml
19) T n-Tetratriacontane (C34)	19.469	1405258	19.362 ug/ml
20) T n-Hexatriacontane (C36)	20.206	1322842	19.560 ug/ml
21) T n-Octatriacontane (C38)	20.966	1267814	20.976 ug/ml
22) T n-Tetracontane (C40)	21.924	1292039	20.551 ug/ml

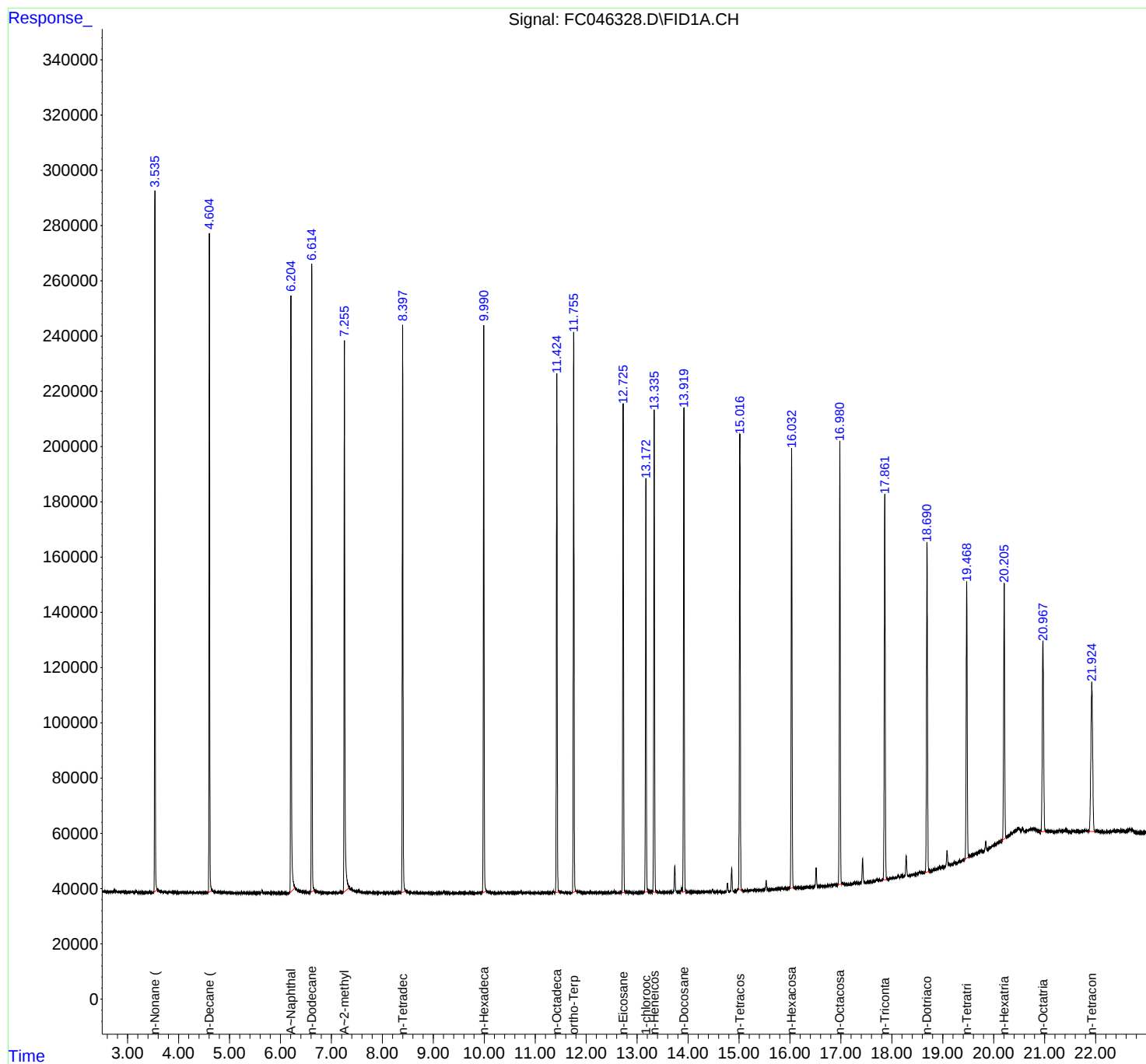
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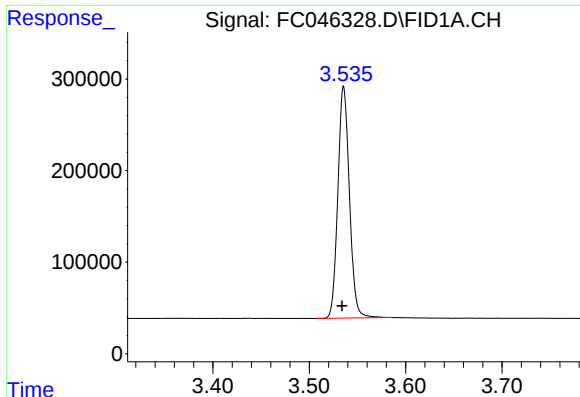
(m)=manual int.

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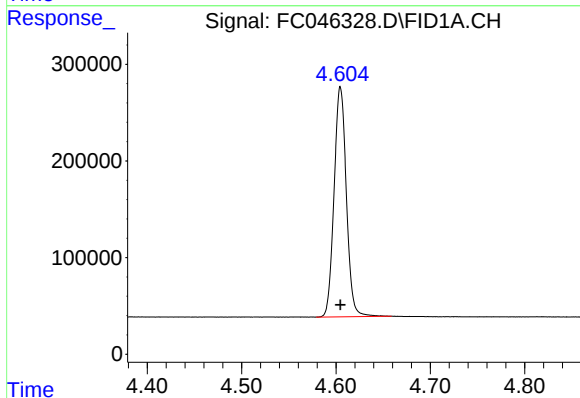
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
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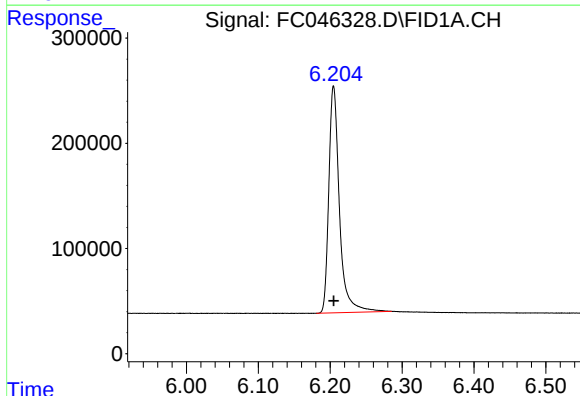
#1 n-Nonane (C9)

R.T.: 3.536 min
Delta R.T.: 0.002 min
Response: 2112578
Conc: 20.96 ug/ml



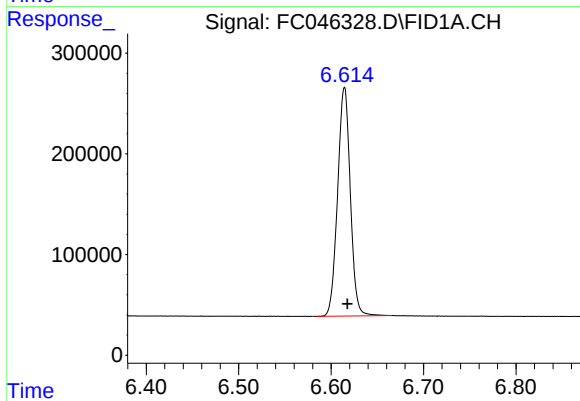
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 2152304
Conc: 21.34 ug/ml



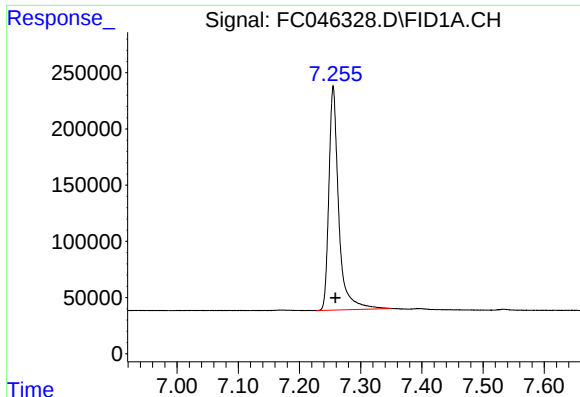
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 2230768
Conc: 20.09 ug/ml



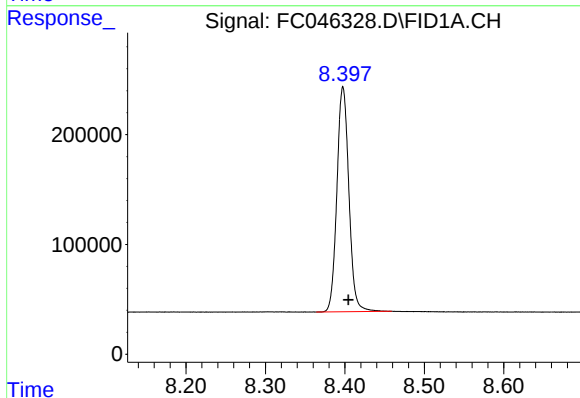
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.003 min
Response: 2170974
Conc: 21.28 ug/ml



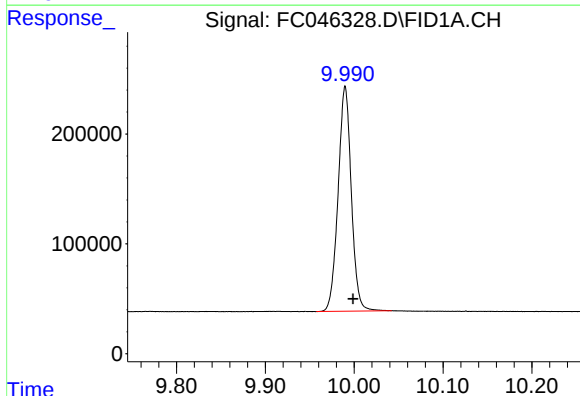
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 2224421
Conc: 20.00 ug/ml



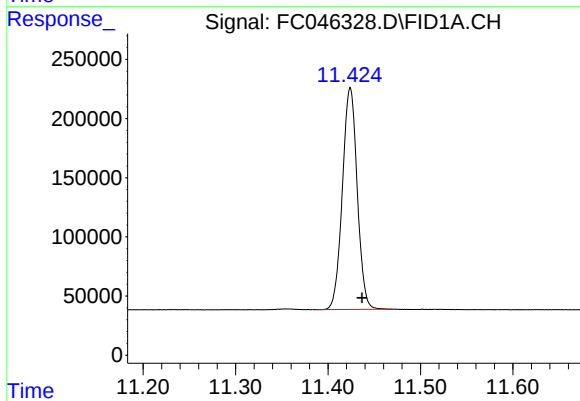
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: -0.007 min
Response: 2143598
Conc: 20.94 ug/ml



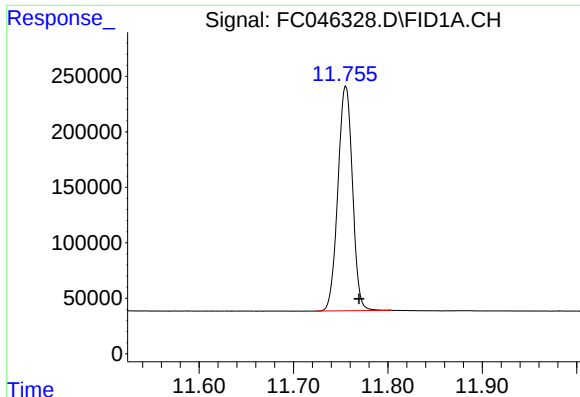
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: -0.009 min
Response: 2114638
Conc: 20.42 ug/ml



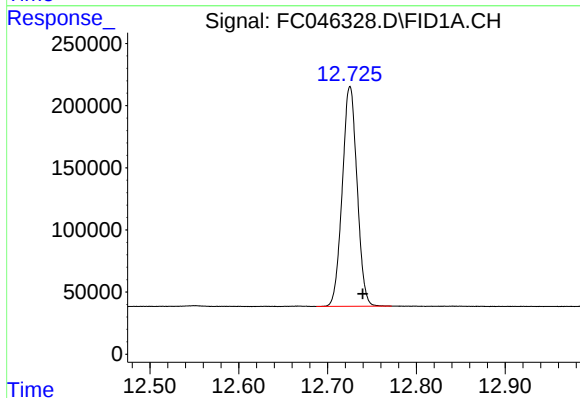
#8 n-Octadecane (C18)

R.T.: 11.424 min
Delta R.T.: -0.013 min
Response: 2091255
Conc: 19.89 ug/ml



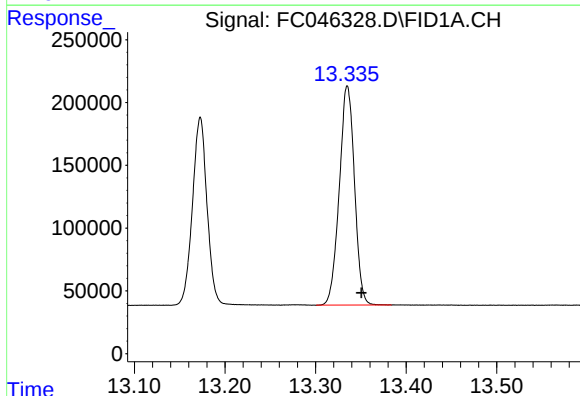
#9 ortho-Terphenyl (SURR)

R.T.: 11.755 min
Delta R.T.: -0.014 min
Response: 2175272
Conc: 19.07 ug/ml



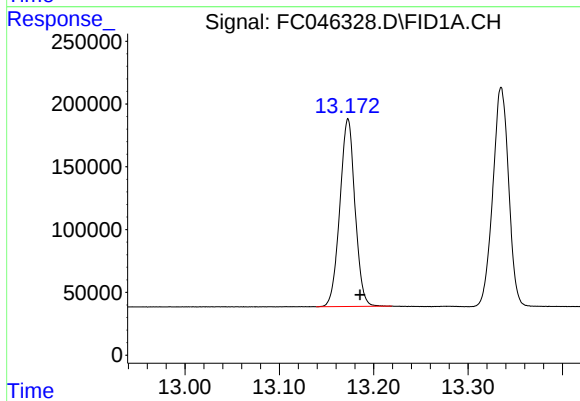
#10 n-Eicosane (C20)

R.T.: 12.725 min
Delta R.T.: -0.015 min
Response: 2049243
Conc: 19.39 ug/ml



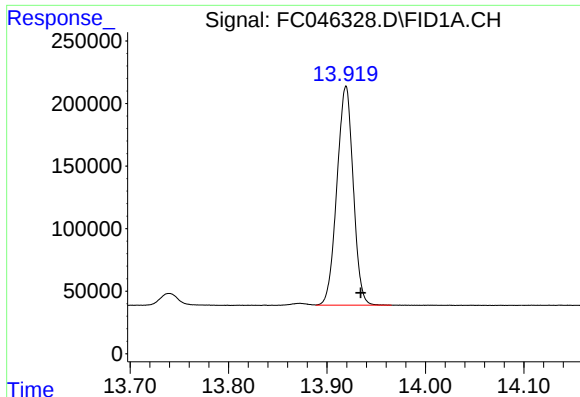
#11 n-Heneicosane (C21)

R.T.: 13.335 min
Delta R.T.: -0.016 min
Response: 2032690
Conc: 19.06 ug/ml



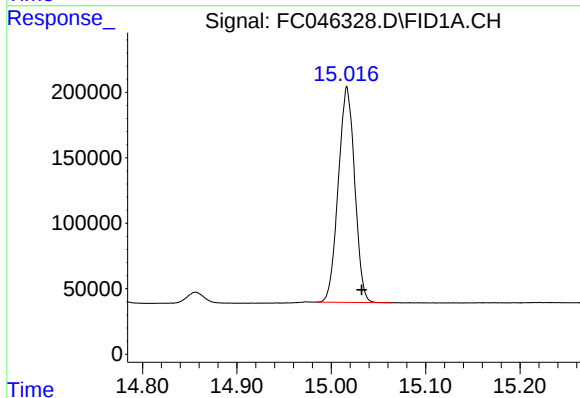
#12 1-chlorooctadecane (SURR)

R.T.: 13.173 min
Delta R.T.: -0.013 min
Response: 1665939
Conc: 18.57 ug/ml



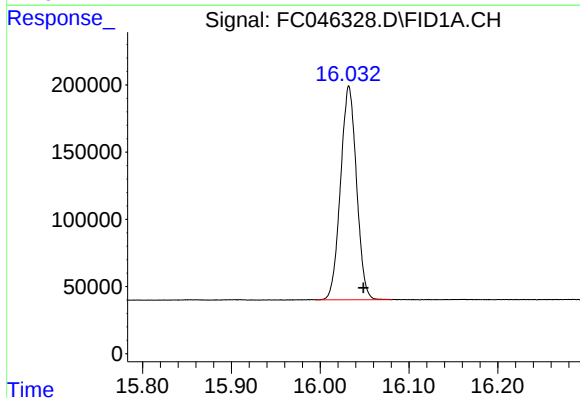
#13 n-Docosane (C22)

R.T.: 13.919 min
Delta R.T.: -0.015 min
Response: 2010147
Conc: 18.92 ug/ml



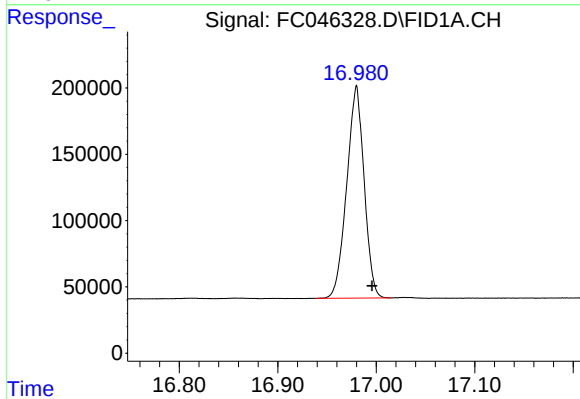
#14 n-Tetracosane (C24)

R.T.: 15.017 min
Delta R.T.: -0.016 min
Response: 1984744
Conc: 18.54 ug/ml



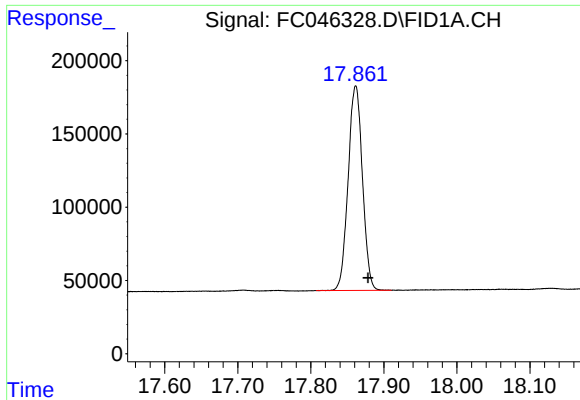
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: -0.016 min
Response: 1987244
Conc: 18.70 ug/ml



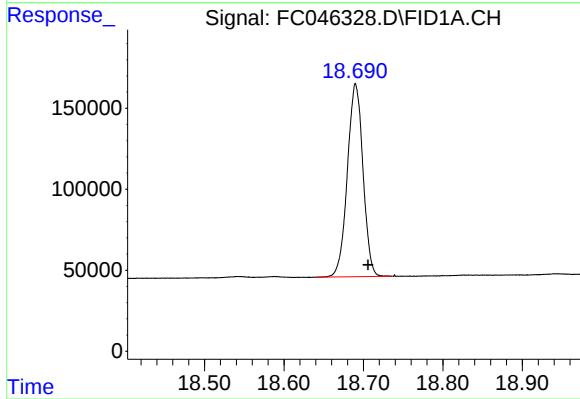
#16 n-Octacosane (C28)

R.T.: 16.980 min
Delta R.T.: -0.016 min
Response: 1964195
Conc: 18.76 ug/ml



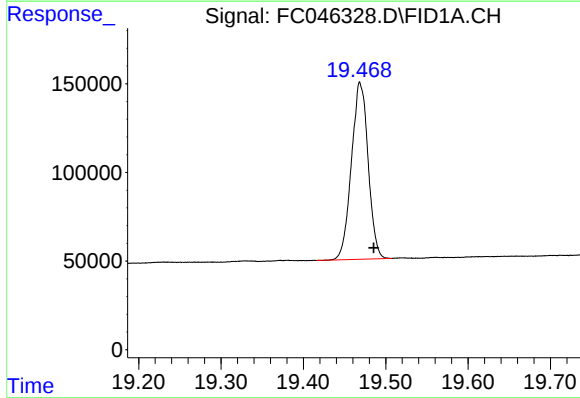
#17 n-Tricontane (C30)

R.T.: 17.862 min
Delta R.T.: -0.017 min
Response: 1898926
Conc: 18.84 ug/ml



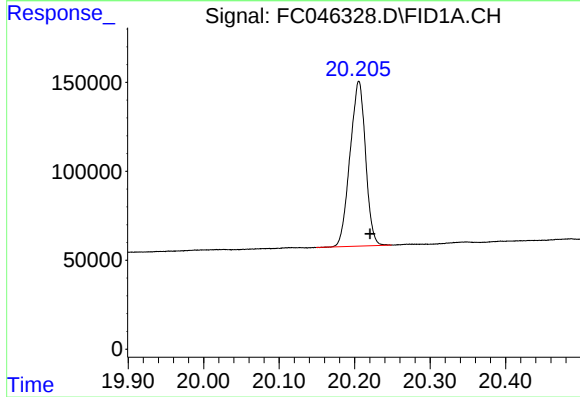
#18 n-Dotriacontane (C32)

R.T.: 18.690 min
Delta R.T.: -0.016 min
Response: 1627205
Conc: 19.01 ug/ml



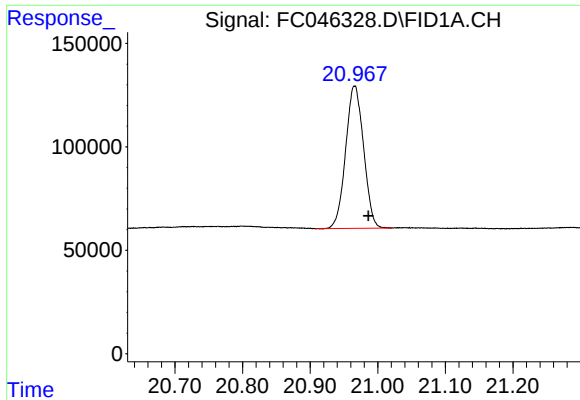
#19 n-Tetratriacontane (C34)

R.T.: 19.469 min
Delta R.T.: -0.017 min
Response: 1405258
Conc: 19.36 ug/ml



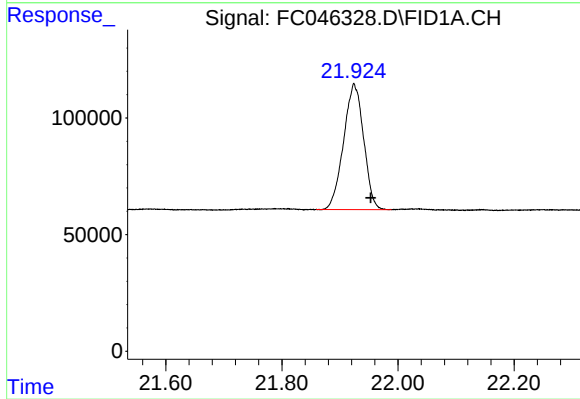
#20 n-Hexatriacontane (C36)

R.T.: 20.206 min
Delta R.T.: -0.015 min
Response: 1322842
Conc: 19.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.020 min
Response: 1267814
Conc: 20.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.924 min
Delta R.T.: -0.029 min
Response: 1292039
Conc: 20.55 ug/ml