

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050720AL\
 Data File : FC047326.D
 Signal(s) : FID1A.CH
 Acq On : 07 May 2020 8:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 07 17:02:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 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)	11.749	2263614	20.342 ug/ml
Spiked Amount 50.000		Recovery =	40.68%
12) S 1-chlorooctadecane (S...	13.163	1779137	19.922 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.549	2102204	21.774 ug/ml
2) T n-Decane (C10)	4.614	2114085	21.916 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2197329	21.812 ug/ml
4) T n-Dodecane (C12)	6.617	2175546	22.127 ug/ml
5) T A~2-methylnaphthalene...	7.263	2178557	21.841 ug/ml
6) T n-Tetradecane (C14)	8.396	2164177	21.914 ug/ml
7) T n-Hexadecane (C16)	9.984	2166239	21.486 ug/ml
8) T n-Octadecane (C18)	11.415	2160741	20.930 ug/ml
10) T n-Eicosane (C20)	12.718	2131257	20.311 ug/ml
11) T n-Heneicosane (C21)	13.325	2127792	20.004 ug/ml
13) T n-Docosane (C22)	13.907	2110757	19.836 ug/ml
14) T n-Tetracosane (C24)	15.005	2090900	19.442 ug/ml
15) T n-Hexacosane (C26)	16.020	2041566	18.923 ug/ml
16) T n-Octacosane (C28)	16.964	1992265	18.639 ug/ml
17) T n-Tricontane (C30)	17.846	1863761	18.625 ug/ml
18) T n-Dotriacontane (C32)	18.672	1433843	18.816 ug/ml
19) T n-Tetratriacontane (C34)	19.452	1058541	18.838 ug/ml
20) T n-Hexatriacontane (C36)	20.188	927718	18.539 ug/ml
21) T n-Octatriacontane (C38)	20.945	871565	19.220 ug/ml
22) T n-Tetracontane (C40)	21.894	947691	20.202 ug/ml

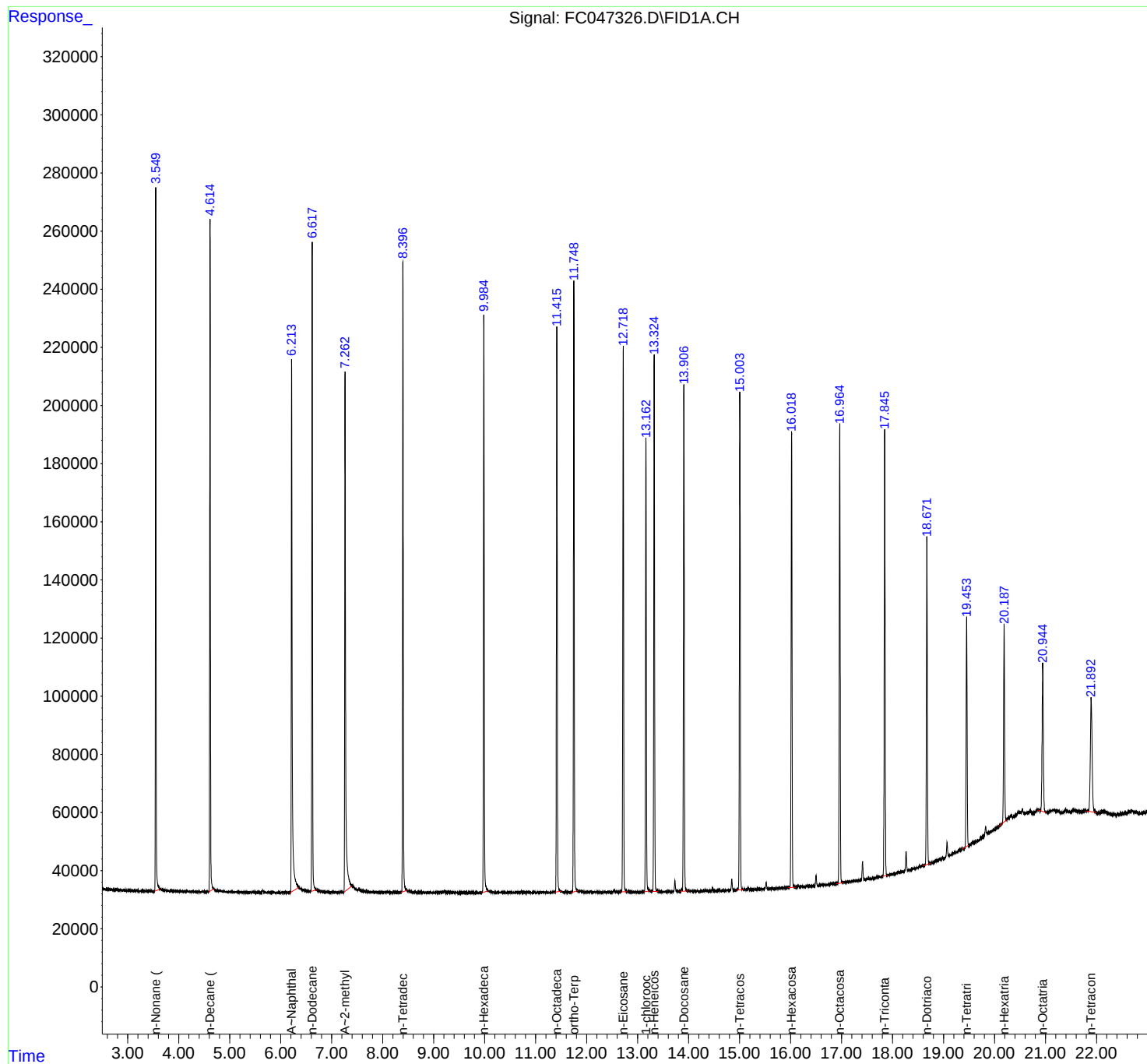
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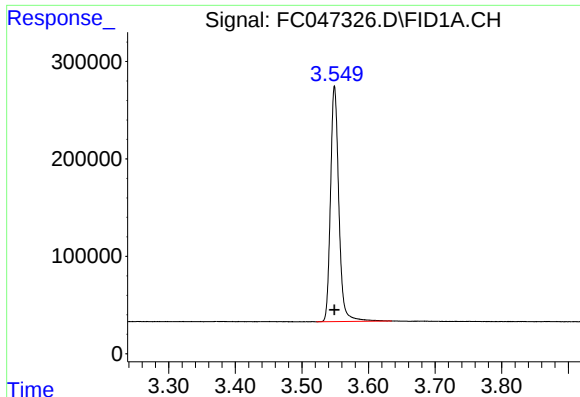
(m)=manual int.

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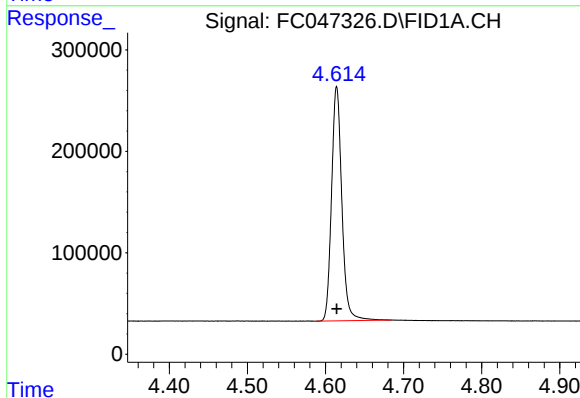
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





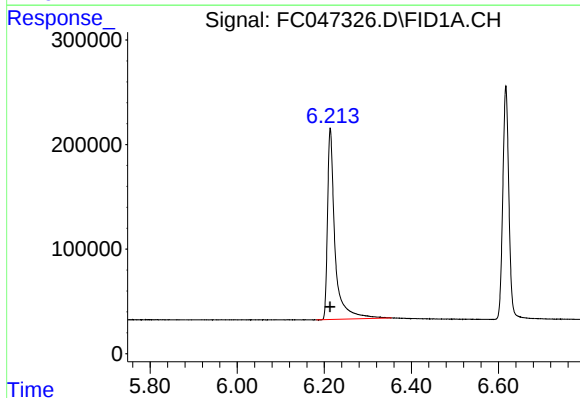
#1 n-Nonane (C9)

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 2102204
Conc: 21.77 ug/ml



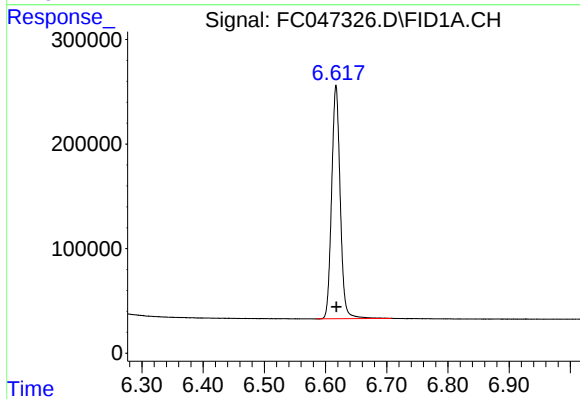
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 2114085
Conc: 21.92 ug/ml



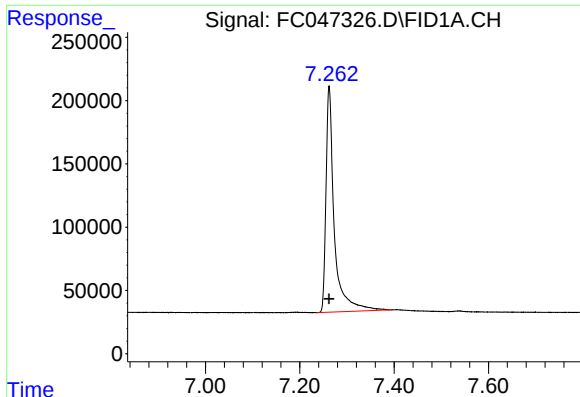
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 2197329
Conc: 21.81 ug/ml



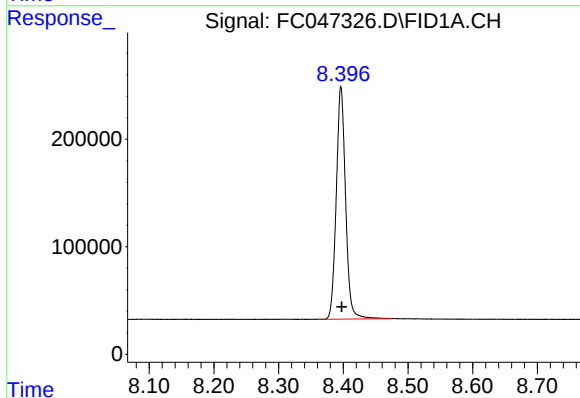
#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 2175546
Conc: 22.13 ug/ml



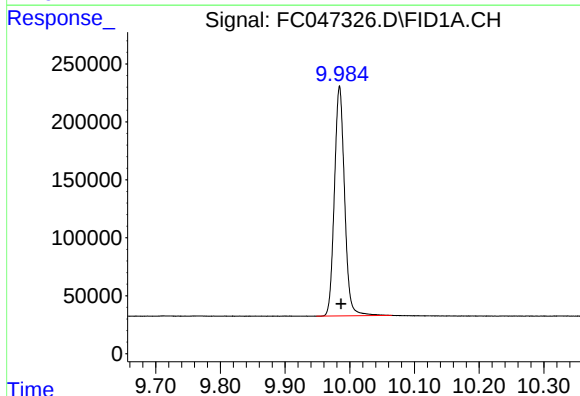
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 2178557
Conc: 21.84 ug/ml



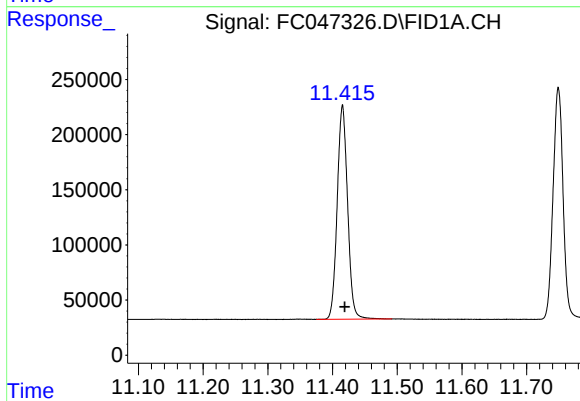
#6 n-Tetradecane (C14)

R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 2164177
Conc: 21.91 ug/ml



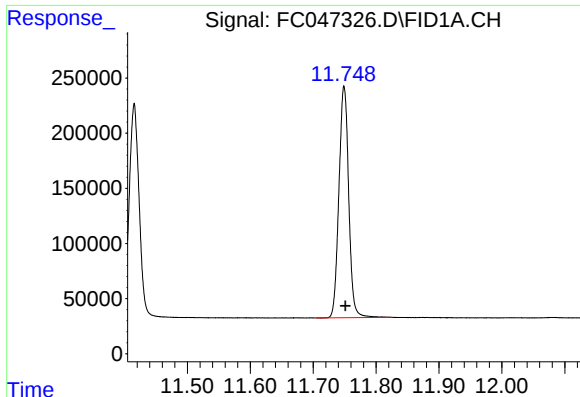
#7 n-Hexadecane (C16)

R.T.: 9.984 min
Delta R.T.: -0.002 min
Response: 2166239
Conc: 21.49 ug/ml



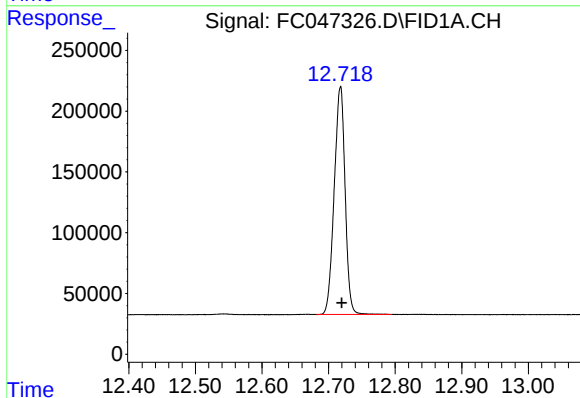
#8 n-Octadecane (C18)

R.T.: 11.415 min
Delta R.T.: -0.003 min
Response: 2160741
Conc: 20.93 ug/ml



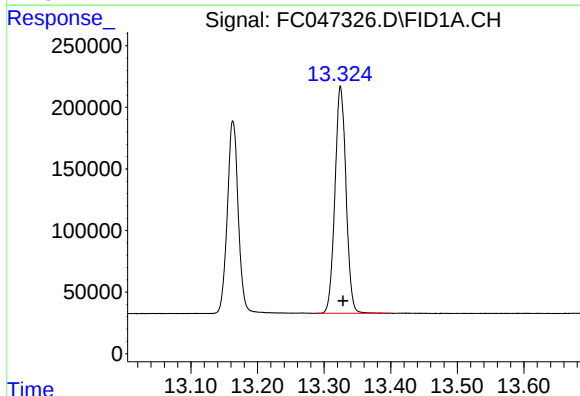
#9 ortho-Terphenyl (SURR)

R.T.: 11.749 min
Delta R.T.: -0.002 min
Response: 2263614
Conc: 20.34 ug/ml



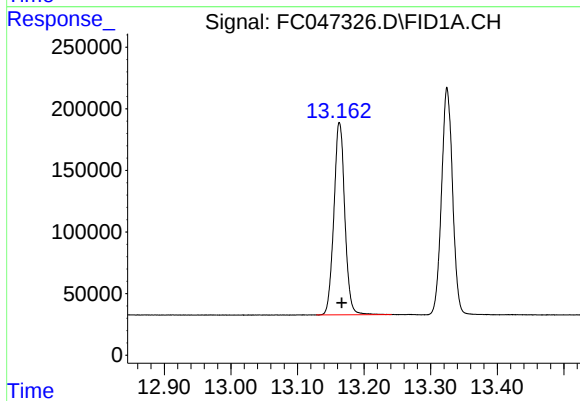
#10 n-Eicosane (C20)

R.T.: 12.718 min
Delta R.T.: -0.002 min
Response: 2131257
Conc: 20.31 ug/ml



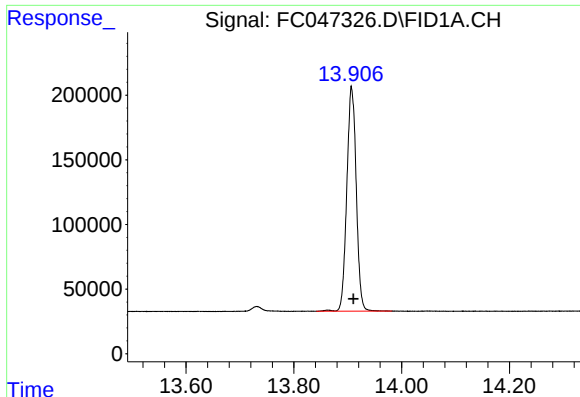
#11 n-Heneicosane (C21)

R.T.: 13.325 min
Delta R.T.: -0.003 min
Response: 2127792
Conc: 20.00 ug/ml



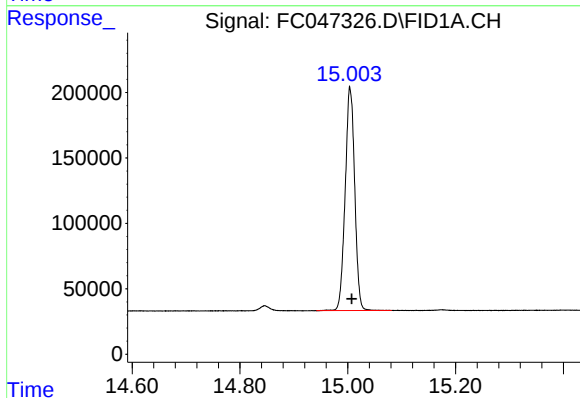
#12 1-chlorooctadecane (SURR)

R.T.: 13.163 min
Delta R.T.: -0.003 min
Response: 1779137
Conc: 19.92 ug/ml



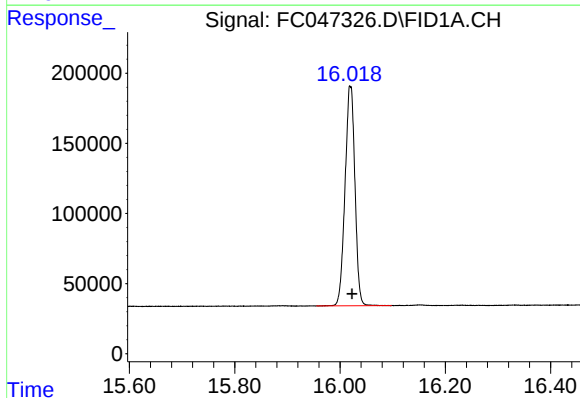
#13 n-Docosane (C22)

R.T.: 13.907 min
Delta R.T.: -0.003 min
Response: 2110757
Conc: 19.84 ug/ml



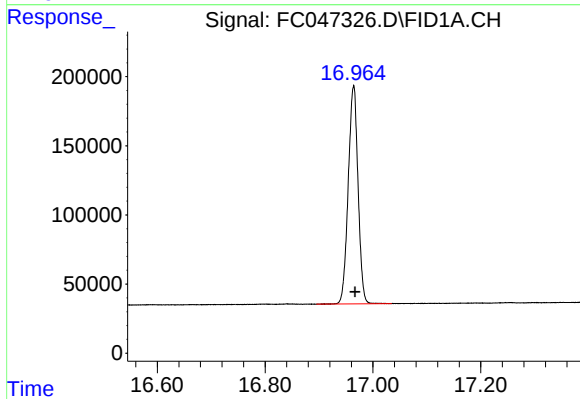
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.003 min
Response: 2090900
Conc: 19.44 ug/ml



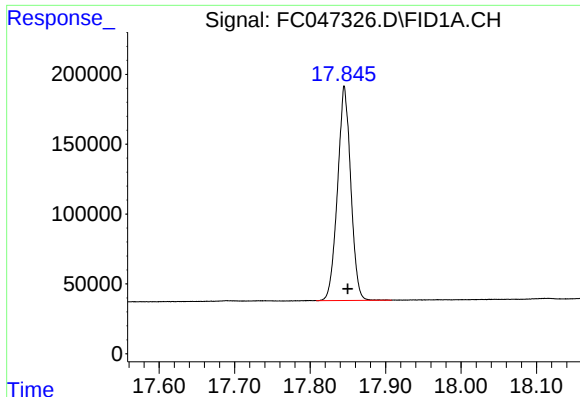
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: -0.003 min
Response: 2041566
Conc: 18.92 ug/ml



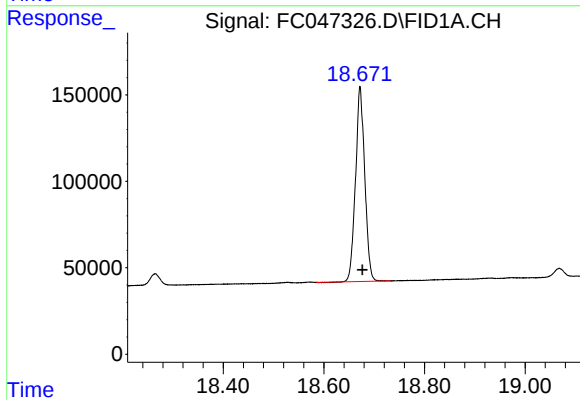
#16 n-Octacosane (C28)

R.T.: 16.964 min
Delta R.T.: -0.003 min
Response: 1992265
Conc: 18.64 ug/ml



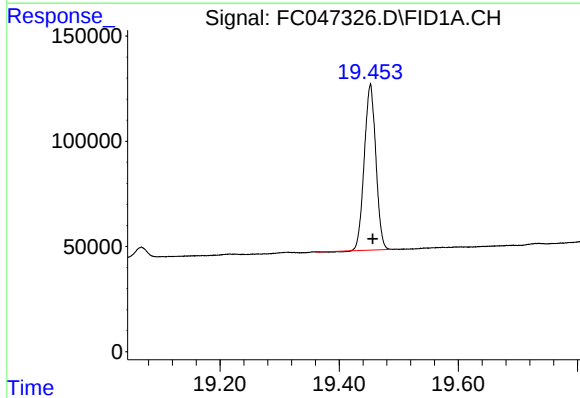
#17 n-Tricontane (C30)

R.T.: 17.846 min
Delta R.T.: -0.004 min
Response: 1863761
Conc: 18.63 ug/ml



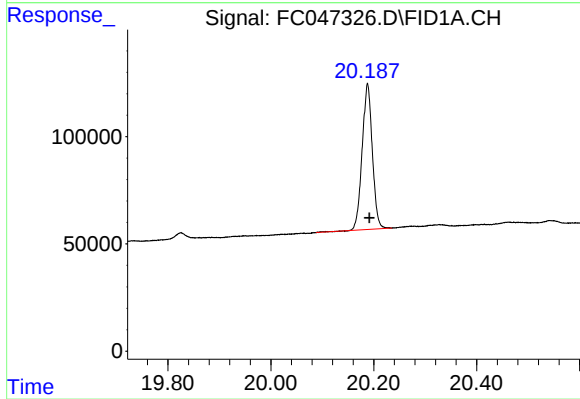
#18 n-Dotriacontane (C32)

R.T.: 18.672 min
Delta R.T.: -0.005 min
Response: 1433843
Conc: 18.82 ug/ml



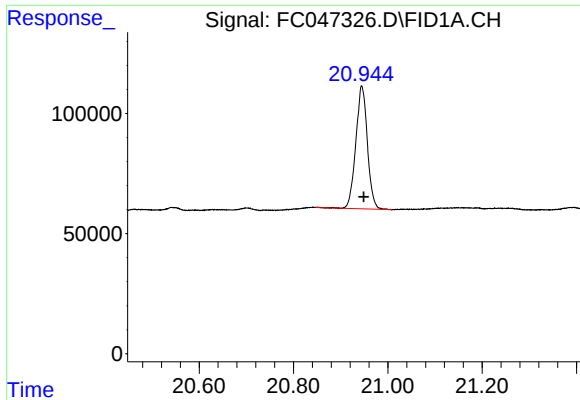
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min
Delta R.T.: -0.004 min
Response: 1058541
Conc: 18.84 ug/ml



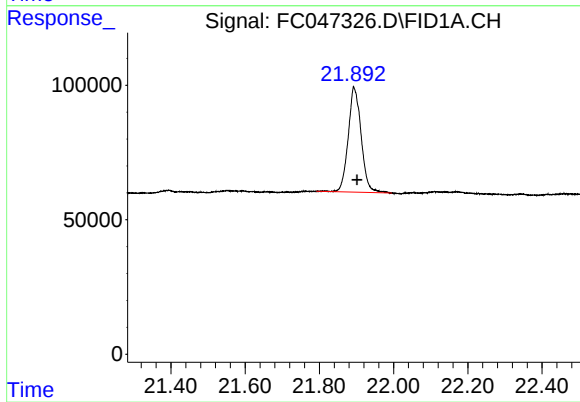
#20 n-Hexatriacontane (C36)

R.T.: 20.188 min
Delta R.T.: -0.004 min
Response: 927718
Conc: 18.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.945 min
Delta R.T.: -0.004 min
Response: 871565
Conc: 19.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.894 min
Delta R.T.: -0.008 min
Response: 947691
Conc: 20.20 ug/ml