

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030921AL\
 Data File : FC052328.D
 Signal(s) : FID1A.CH
 Acq On : 09 Mar 2021 13:34
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 10 02:44:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 2021
 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)	11.610	2462237	18.671 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
12) S 1-chlorooctadecane (S...	13.047	1924531	18.505 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
Target Compounds			
1) T n-Nonane (C9)	3.355	2329767	19.765 ug/ml
2) T n-Decane (C10)	4.424	2353043	19.813 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2631278	19.817 ug/ml
4) T n-Dodecane (C12)	6.446	2398495	19.841 ug/ml
5) T A~2-methylnaphthalene...	7.072	2682365	19.762 ug/ml
6) T n-Tetradecane (C14)	8.244	2393195	19.739 ug/ml
7) T n-Hexadecane (C16)	9.847	2334233	19.509 ug/ml
8) T n-Octadecane (C18)	11.291	2376015	19.194 ug/ml
10) T n-Eicosane (C20)	12.602	2314077	18.780 ug/ml
11) T n-Heneicosane (C21)	13.214	2261945	18.529 ug/ml
13) T n-Docosane (C22)	13.801	2208874	18.358 ug/ml
14) T n-Tetracosane (C24)	14.905	2079228	17.835 ug/ml
15) T n-Hexacosane (C26)	15.928	1934537	17.610 ug/ml
16) T n-Octacosane (C28)	16.876	1817264	17.729 ug/ml
17) T n-Tricontane (C30)	17.763	1738060	18.462 ug/ml
18) T n-Dotriacontane (C32)	18.596	1658287	19.422 ug/ml
19) T n-Tetratriacontane (C34)	19.379	1622868	20.933 ug/ml
20) T n-Hexatriacontane (C36)	20.118	1587204	22.088 ug/mlm
21) T n-Octatriacontane (C38)	20.859	1547357	22.589 ug/ml
22) T n-Tetracontane (C40)	21.780	1634404	22.728 ug/ml

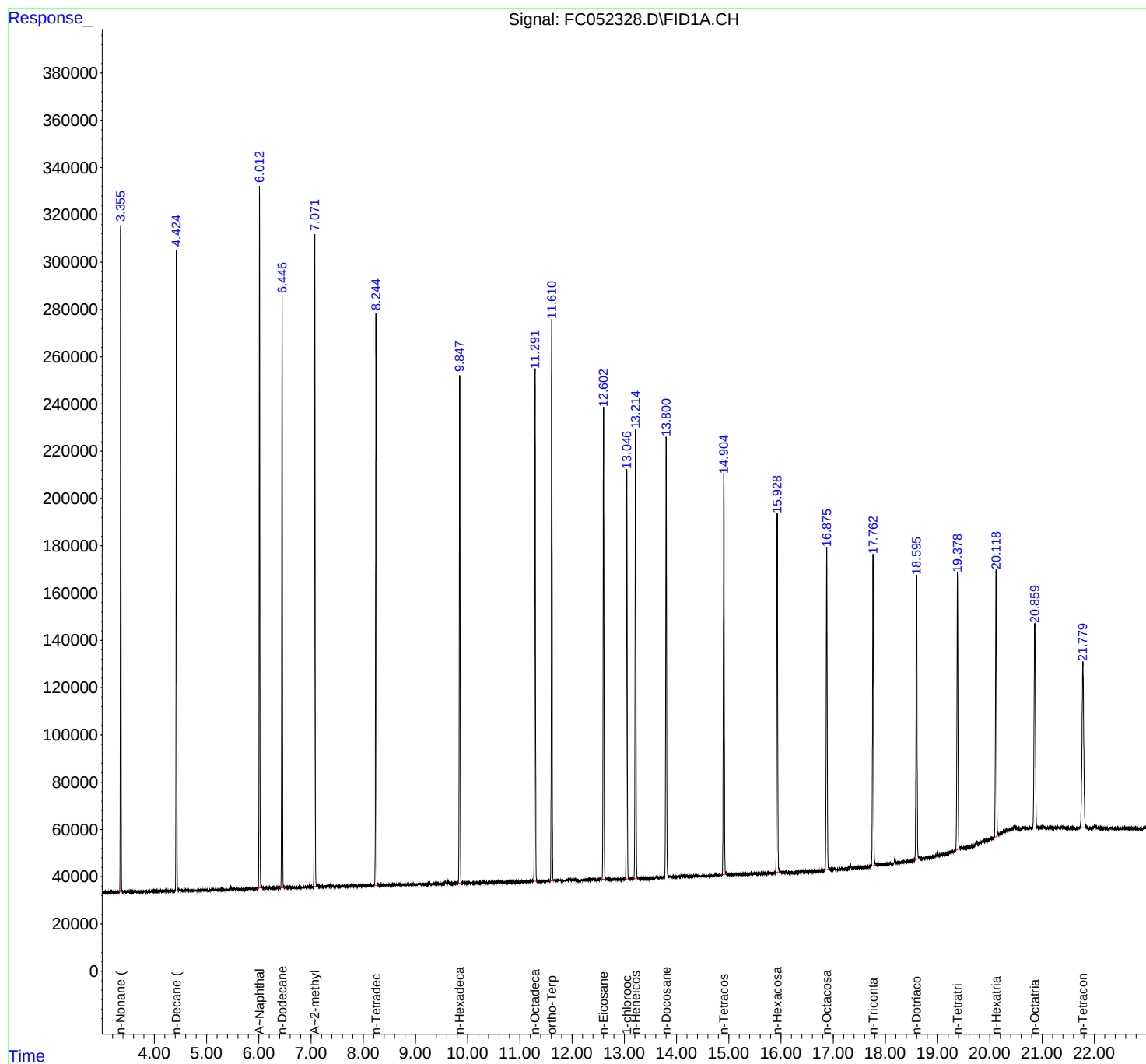
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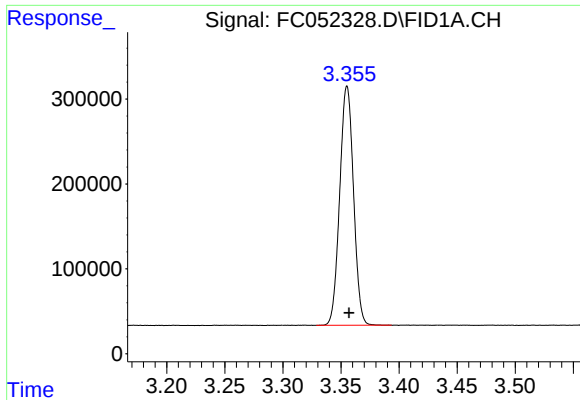
(m)=manual int.

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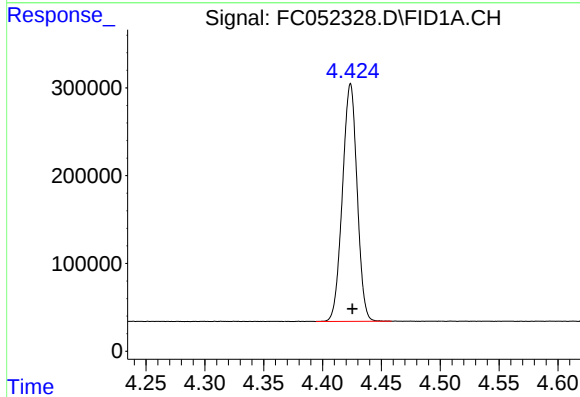
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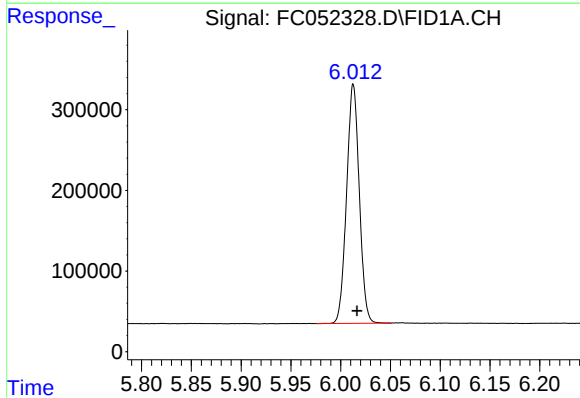
#1 n-Nonane (C9)

R.T.: 3.355 min
Delta R.T.: -0.002 min
Response: 2329767
Conc: 19.76 ug/ml



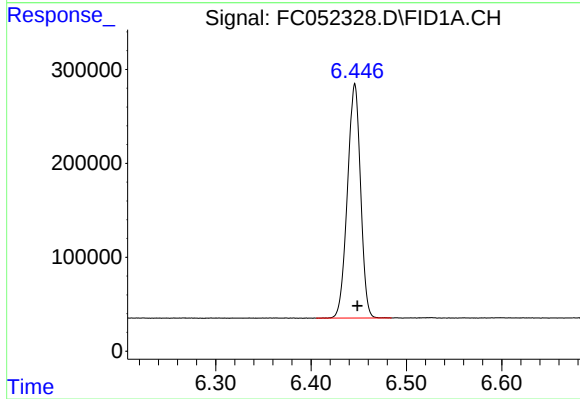
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.002 min
Response: 2353043
Conc: 19.81 ug/ml



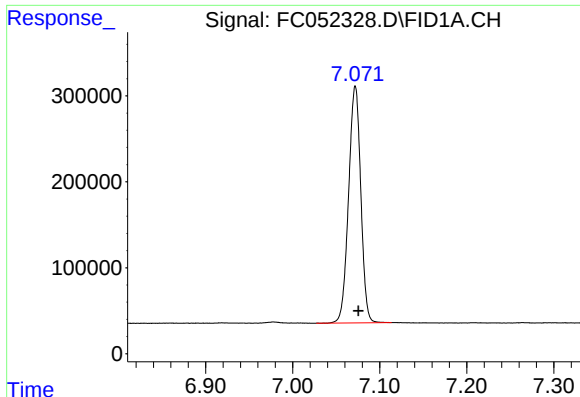
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.004 min
Response: 2631278
Conc: 19.82 ug/ml



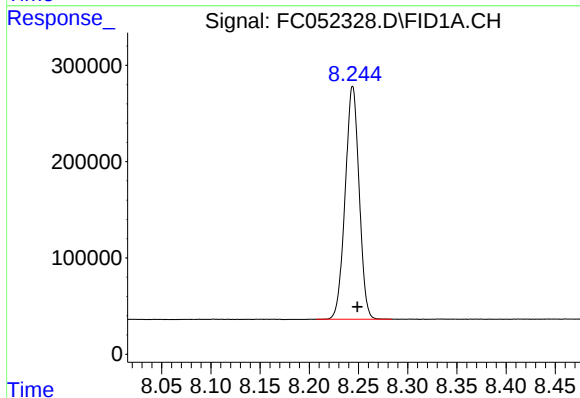
#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 2398495
Conc: 19.84 ug/ml



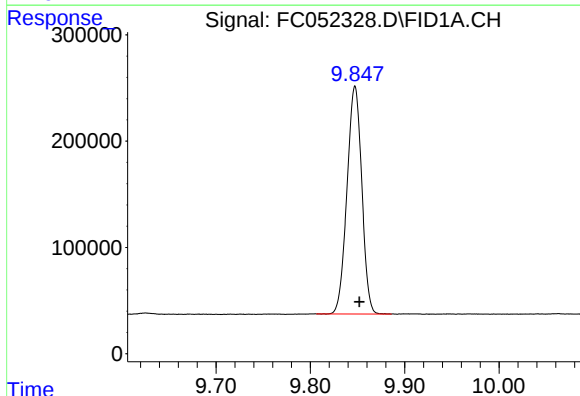
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: -0.003 min
Response: 2682365
Conc: 19.76 ug/ml



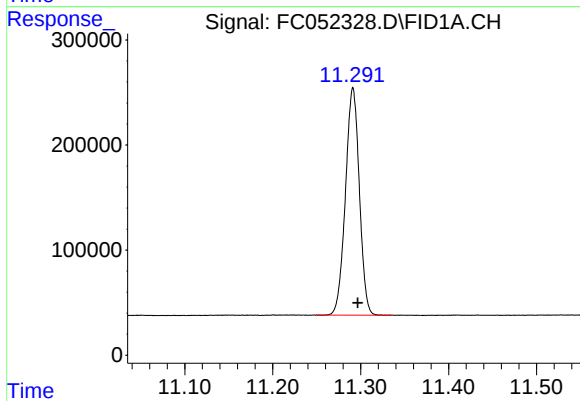
#6 n-Tetradecane (C14)

R.T.: 8.244 min
Delta R.T.: -0.005 min
Response: 2393195
Conc: 19.74 ug/ml



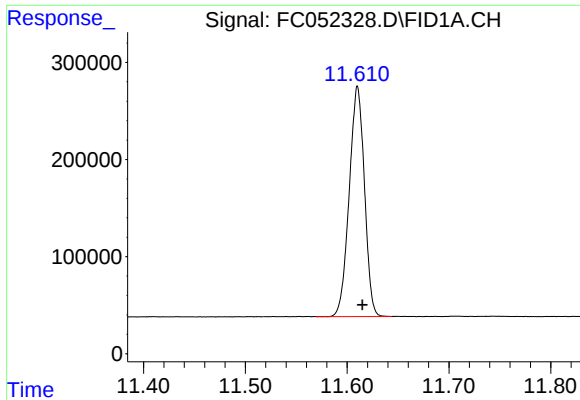
#7 n-Hexadecane (C16)

R.T.: 9.847 min
Delta R.T.: -0.005 min
Response: 2334233
Conc: 19.51 ug/ml



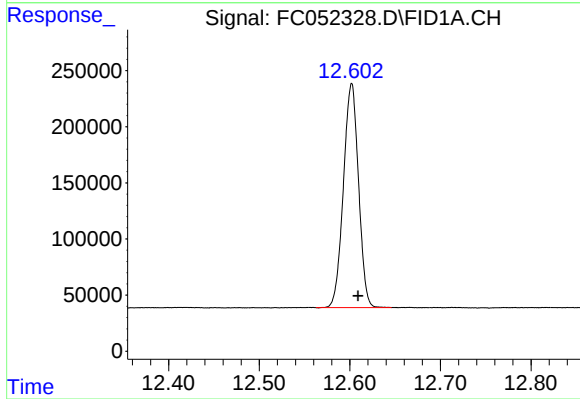
#8 n-Octadecane (C18)

R.T.: 11.291 min
Delta R.T.: -0.005 min
Response: 2376015
Conc: 19.19 ug/ml



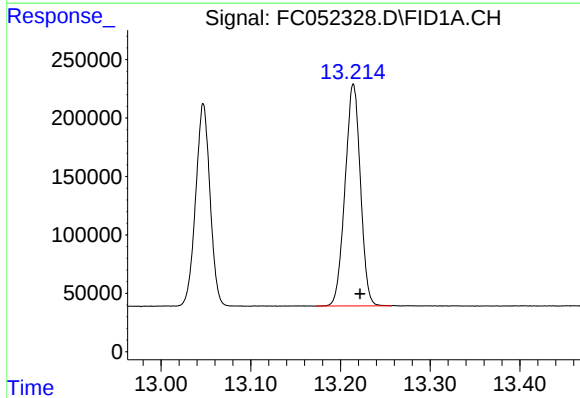
#9 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.005 min
Response: 2462237
Conc: 18.67 ug/ml



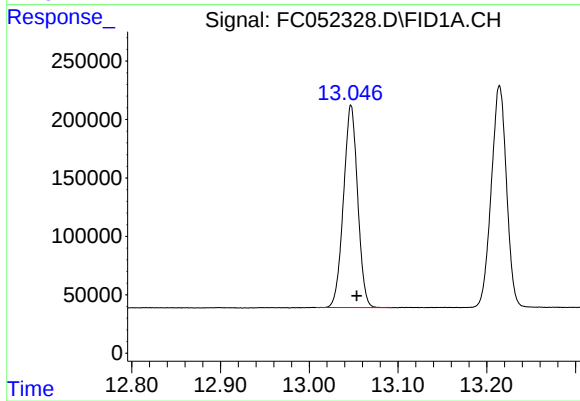
#10 n-Eicosane (C20)

R.T.: 12.602 min
Delta R.T.: -0.007 min
Response: 2314077
Conc: 18.78 ug/ml



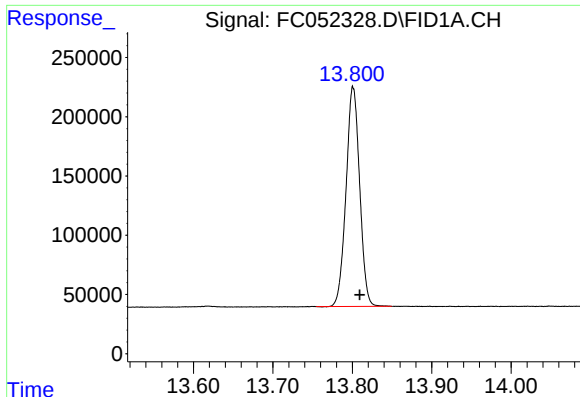
#11 n-Heneicosane (C21)

R.T.: 13.214 min
Delta R.T.: -0.007 min
Response: 2261945
Conc: 18.53 ug/ml



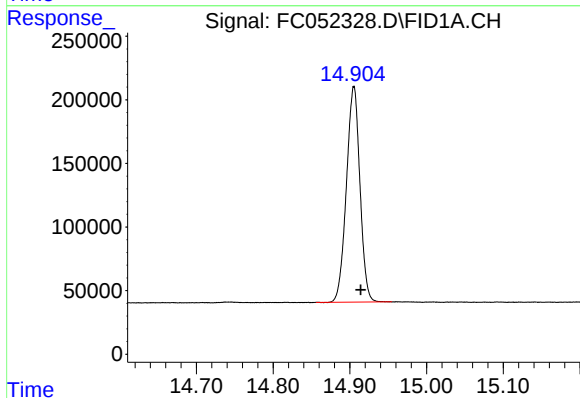
#12 1-chlorooctadecane (SURR)

R.T.: 13.047 min
Delta R.T.: -0.006 min
Response: 1924531
Conc: 18.51 ug/ml



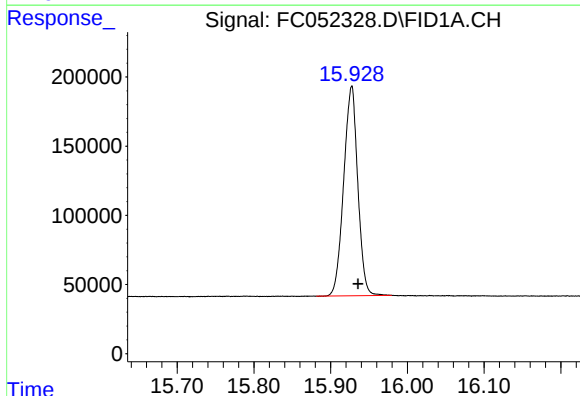
#13 n-Docosane (C22)

R.T.: 13.801 min
Delta R.T.: -0.008 min
Response: 2208874
Conc: 18.36 ug/ml



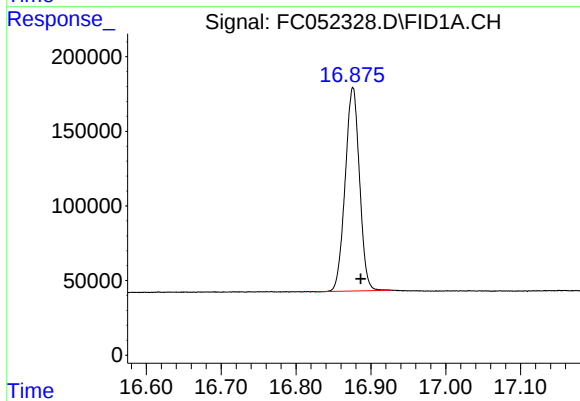
#14 n-Tetracosane (C24)

R.T.: 14.905 min
Delta R.T.: -0.009 min
Response: 2079228
Conc: 17.83 ug/ml



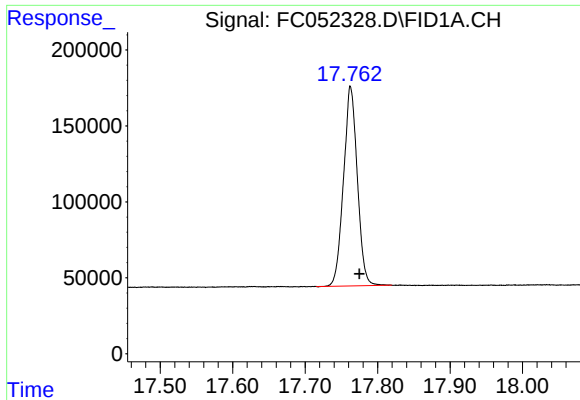
#15 n-Hexacosane (C26)

R.T.: 15.928 min
Delta R.T.: -0.008 min
Response: 1934537
Conc: 17.61 ug/ml



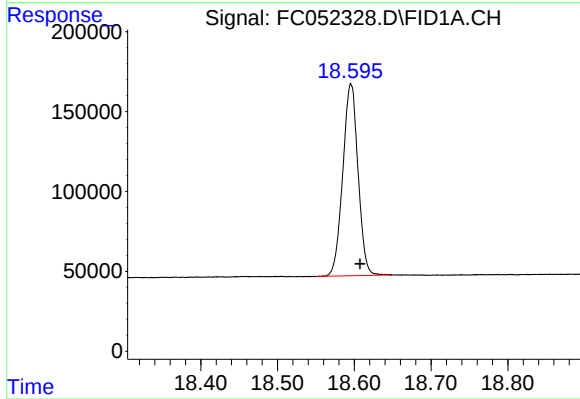
#16 n-Octacosane (C28)

R.T.: 16.876 min
Delta R.T.: -0.010 min
Response: 1817264
Conc: 17.73 ug/ml



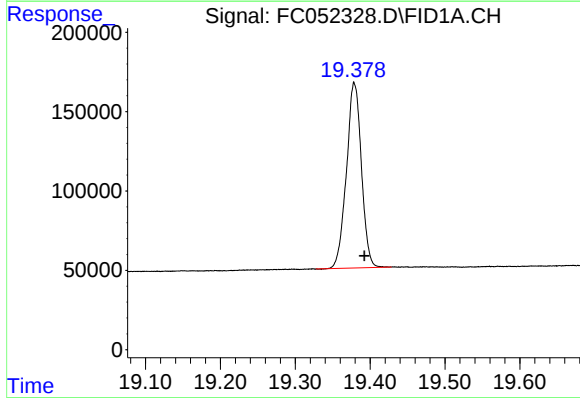
#17 n-Tricontane (C30)

R.T.: 17.763 min
Delta R.T.: -0.012 min
Response: 1738060
Conc: 18.46 ug/ml



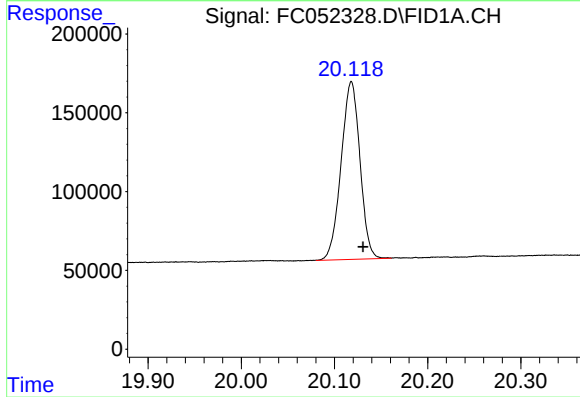
#18 n-Dotriacontane (C32)

R.T.: 18.596 min
Delta R.T.: -0.012 min
Response: 1658287
Conc: 19.42 ug/ml



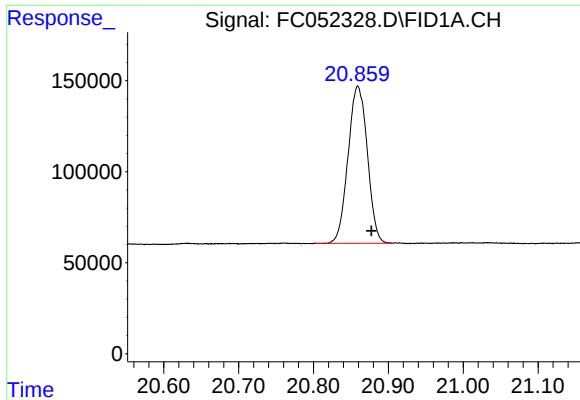
#19 n-Tetratriacontane (C34)

R.T.: 19.379 min
Delta R.T.: -0.013 min
Response: 1622868
Conc: 20.93 ug/ml



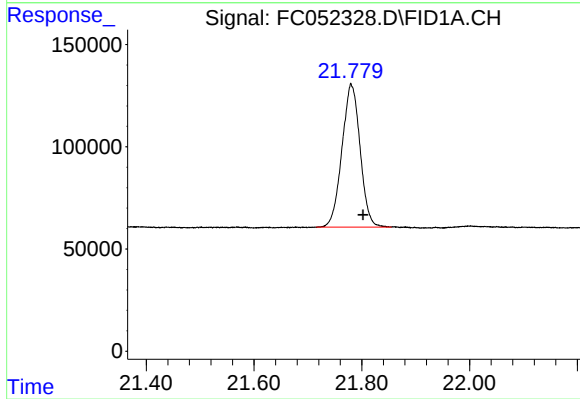
#20 n-Hexatriacontane (C36)

R.T.: 20.118 min
Delta R.T.: -0.013 min
Response: 1587204
Conc: 22.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.859 min
Delta R.T.: -0.018 min
Response: 1547357
Conc: 22.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.780 min
Delta R.T.: -0.022 min
Response: 1634404
Conc: 22.73 ug/ml