

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031620AL\
 Data File : FC046366.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2020 14:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 17 15:12:07 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)	11.757	2278380	19.972 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
12) S 1-chlorooctadecane (S...	13.174	1756830	19.584 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
Target Compounds			
1) T n-Nonane (C9)	3.538	2211435	21.938 ug/ml
2) T n-Decane (C10)	4.606	2255623	22.363 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2341776	21.090 ug/ml
4) T n-Dodecane (C12)	6.615	2281727	22.366 ug/ml
5) T A~2-methylnaphthalene...	7.257	2335095	20.992 ug/ml
6) T n-Tetradecane (C14)	8.399	2250430	21.984 ug/ml
7) T n-Hexadecane (C16)	9.990	2214162	21.385 ug/ml
8) T n-Octadecane (C18)	11.425	2188470	20.818 ug/ml
10) T n-Eicosane (C20)	12.728	2143927	20.281 ug/ml
11) T n-Heneicosane (C21)	13.336	2129293	19.964 ug/ml
13) T n-Docosane (C22)	13.919	2116675	19.920 ug/ml
14) T n-Tetracosane (C24)	15.018	2113288	19.745 ug/ml
15) T n-Hexacosane (C26)	16.033	2093048	19.693 ug/ml
16) T n-Octacosane (C28)	16.978	2079011	19.857 ug/ml
17) T n-Tricontane (C30)	17.860	2018895	20.034 ug/ml
18) T n-Dotriacontane (C32)	18.687	1737288	20.299 ug/ml
19) T n-Tetratriacontane (C34)	19.467	1494572	20.592 ug/ml
20) T n-Hexatriacontane (C36)	20.204	1404778	20.772 ug/ml
21) T n-Octatriacontane (C38)	20.966	1346791	22.282 ug/ml
22) T n-Tetracontane (C40)	21.922	1413317	22.480 ug/ml

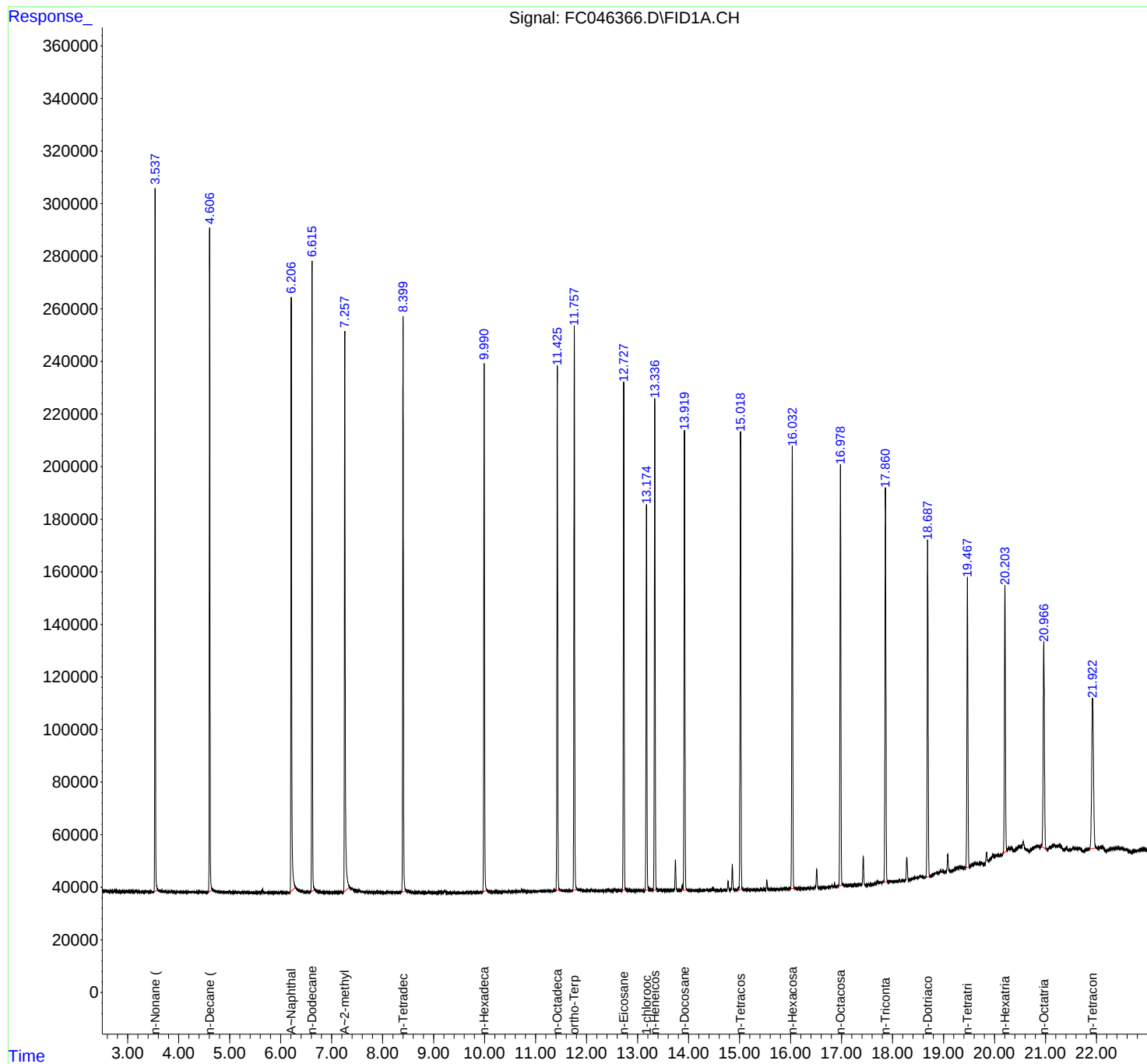
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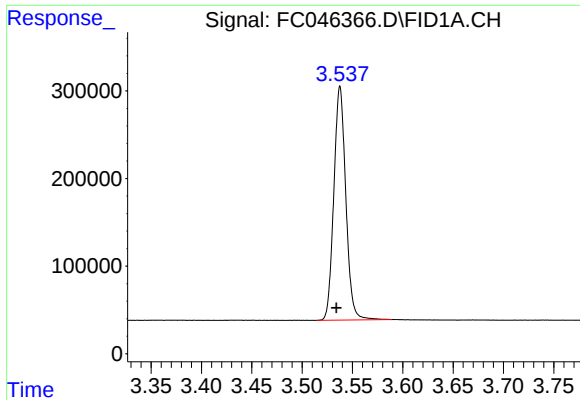
(m)=manual int.

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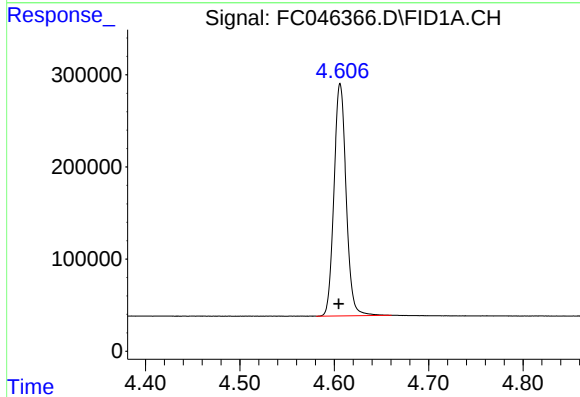
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Signal Info : 20M x 0.18mm x 0.18um





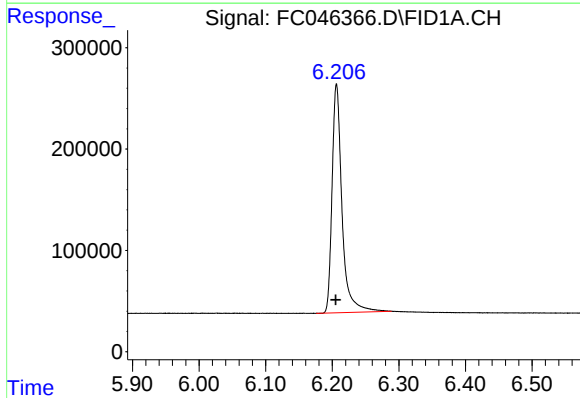
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2211435
Conc: 21.94 ug/ml



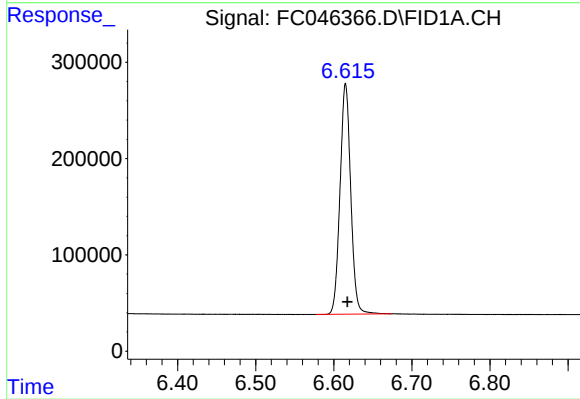
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 2255623
Conc: 22.36 ug/ml



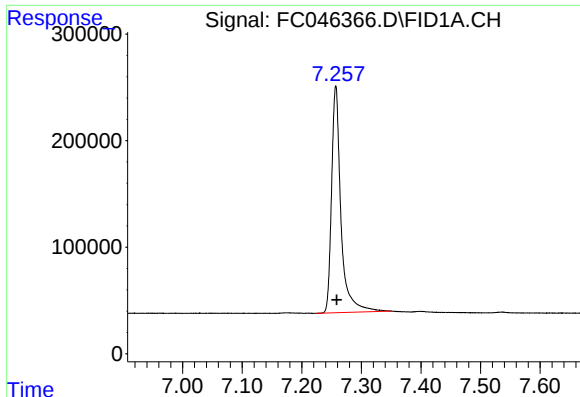
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: 0.001 min
Response: 2341776
Conc: 21.09 ug/ml



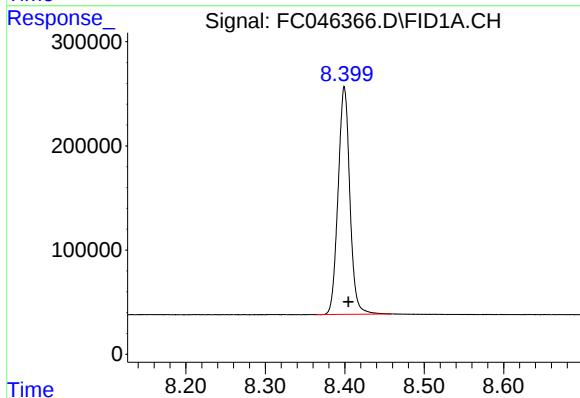
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 2281727
Conc: 22.37 ug/ml



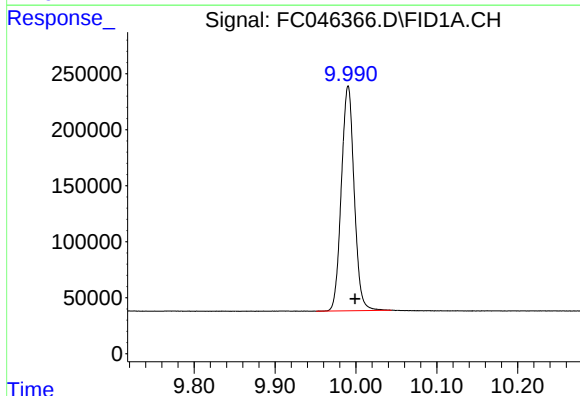
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.001 min
Response: 2335095
Conc: 20.99 ug/ml



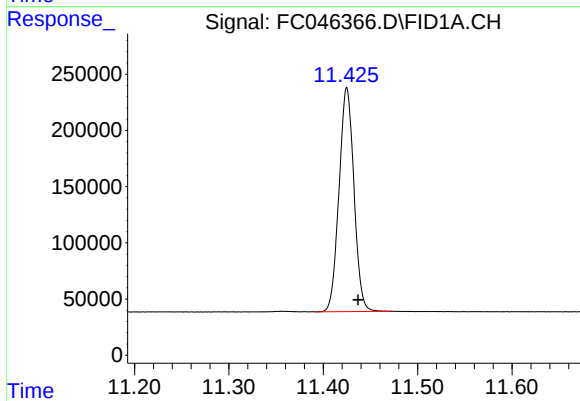
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: -0.005 min
Response: 2250430
Conc: 21.98 ug/ml



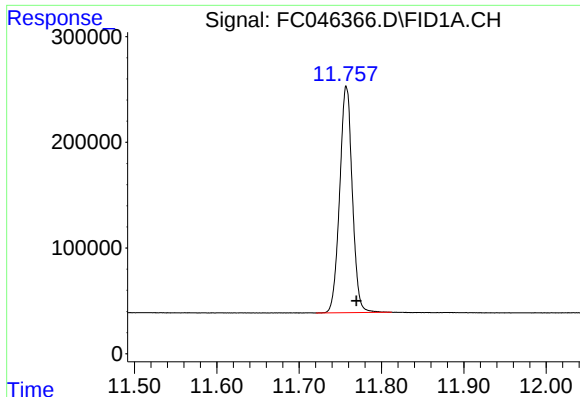
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: -0.008 min
Response: 2214162
Conc: 21.39 ug/ml



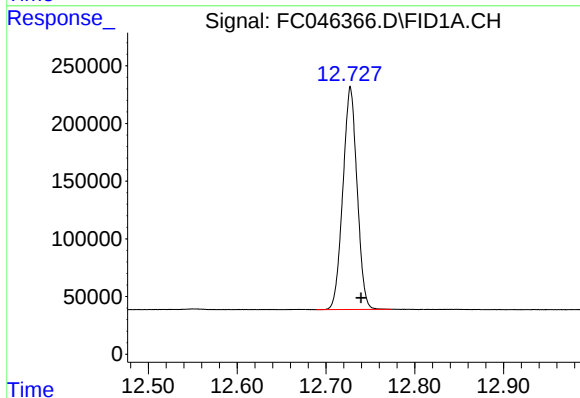
#8 n-Octadecane (C18)

R.T.: 11.425 min
Delta R.T.: -0.012 min
Response: 2188470
Conc: 20.82 ug/ml



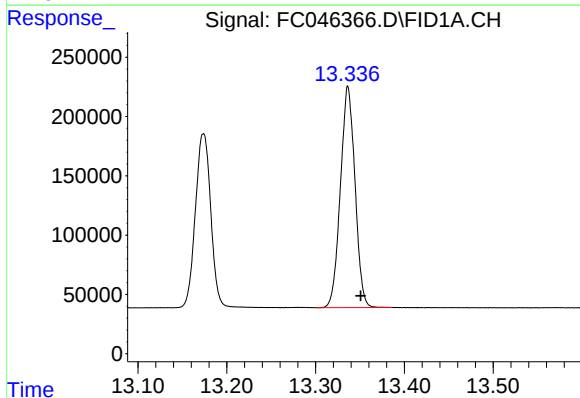
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min
Delta R.T.: -0.012 min
Response: 2278380
Conc: 19.97 ug/ml



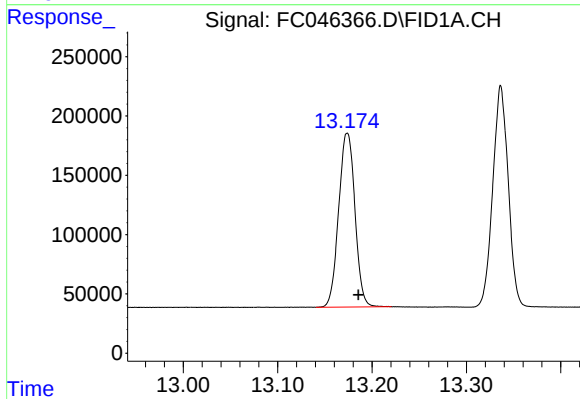
#10 n-Eicosane (C20)

R.T.: 12.728 min
Delta R.T.: -0.012 min
Response: 2143927
Conc: 20.28 ug/ml



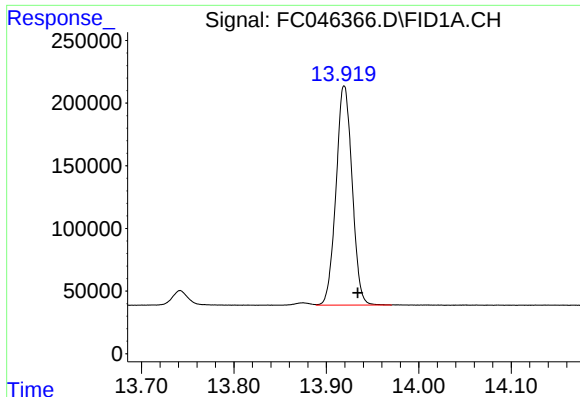
#11 n-Heneicosane (C21)

R.T.: 13.336 min
Delta R.T.: -0.014 min
Response: 2129293
Conc: 19.96 ug/ml



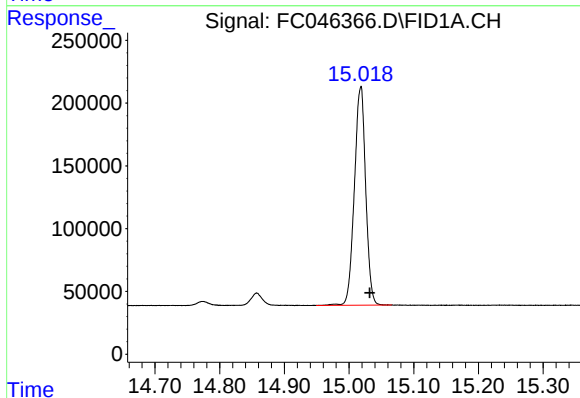
#12 1-chlorooctadecane (SURR)

R.T.: 13.174 min
Delta R.T.: -0.012 min
Response: 1756830
Conc: 19.58 ug/ml



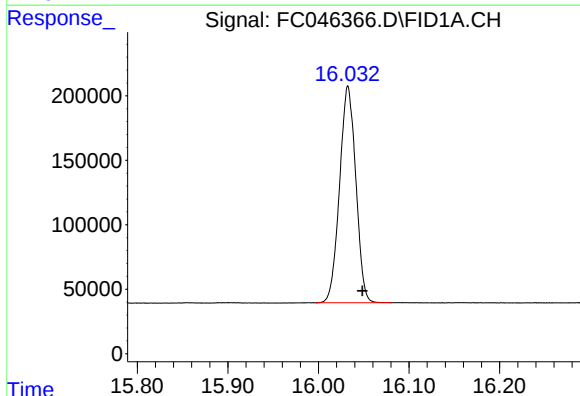
#13 n-Docosane (C22)

R.T.: 13.919 min
Delta R.T.: -0.015 min
Response: 2116675
Conc: 19.92 ug/ml



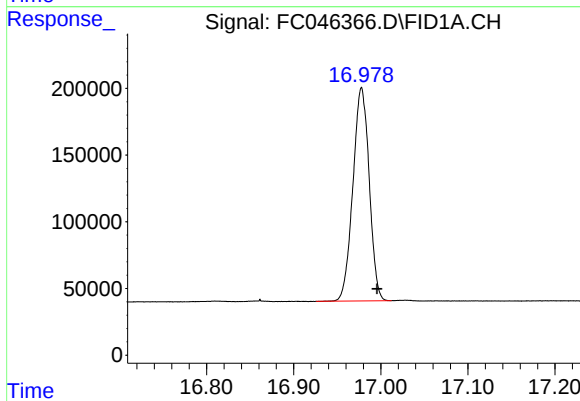
#14 n-Tetracosane (C24)

R.T.: 15.018 min
Delta R.T.: -0.014 min
Response: 2113288
Conc: 19.75 ug/ml



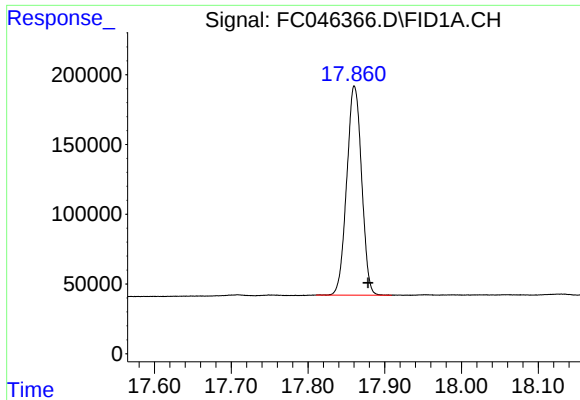
#15 n-Hexacosane (C26)

R.T.: 16.033 min
Delta R.T.: -0.016 min
Response: 2093048
Conc: 19.69 ug/ml



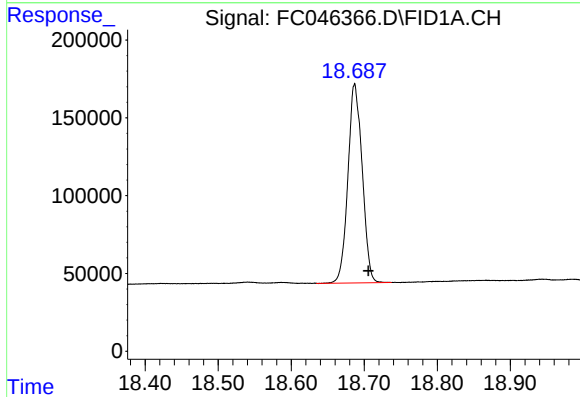
#16 n-Octacosane (C28)

R.T.: 16.978 min
Delta R.T.: -0.018 min
Response: 2079011
Conc: 19.86 ug/ml



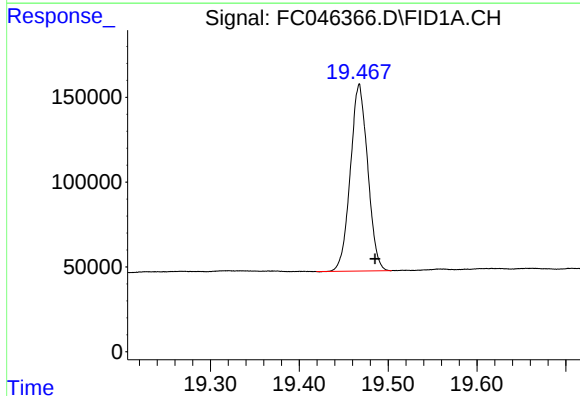
#17 n-Tricontane (C30)

R.T.: 17.860 min
Delta R.T.: -0.018 min
Response: 2018895
Conc: 20.03 ug/ml



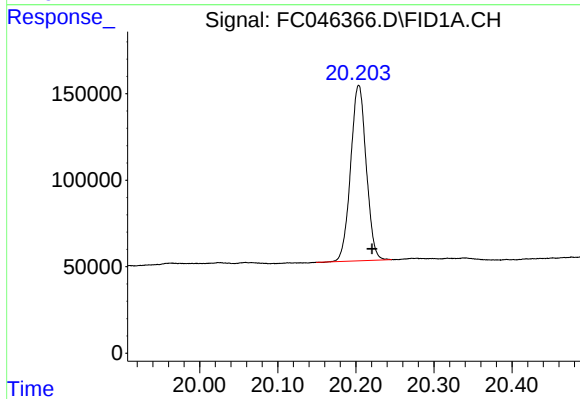
#18 n-Dotriacontane (C32)

R.T.: 18.687 min
Delta R.T.: -0.019 min
Response: 1737288
Conc: 20.30 ug/ml



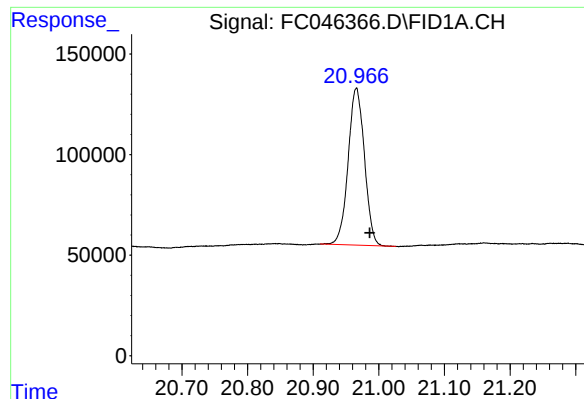
#19 n-Tetratriacontane (C34)

R.T.: 19.467 min
Delta R.T.: -0.018 min
Response: 1494572
Conc: 20.59 ug/ml



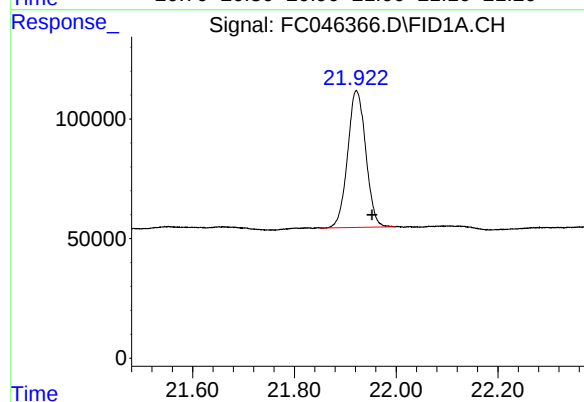
#20 n-Hexatriacontane (C36)

R.T.: 20.204 min
Delta R.T.: -0.017 min
Response: 1404778
Conc: 20.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.020 min
Response: 1346791
Conc: 22.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.922 min
Delta R.T.: -0.031 min
Response: 1413317
Conc: 22.48 ug/ml