

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042220AL\
 Data File : FC047020.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2020 19:53
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 23 02:02:22 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.752	2103140	19.239 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
12) S 1-chlorooctadecane (S...	13.168	1649939	19.146 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.548	1999396	20.819 ug/ml
2) T n-Decane (C10)	4.614	2074504	21.599 ug/ml
3) T A~Naphthalene (C11.7)	6.213	2090860	20.868 ug/ml
4) T n-Dodecane (C12)	6.618	2140861	21.933 ug/ml
5) T A~2-methylnaphthalene...	7.262	2098431	20.756 ug/ml
6) T n-Tetradecane (C14)	8.398	2111439	21.443 ug/ml
7) T n-Hexadecane (C16)	9.987	2083853	20.873 ug/ml
8) T n-Octadecane (C18)	11.420	2057486	20.271 ug/ml
10) T n-Eicosane (C20)	12.722	2017372	19.733 ug/ml
11) T n-Heneicosane (C21)	13.330	1988893	19.290 ug/ml
13) T n-Docosane (C22)	13.913	2037497	19.848 ug/ml
14) T n-Tetracosane (C24)	15.010	2132398	20.658 ug/ml
15) T n-Hexacosane (C26)	16.026	2155916	21.013 ug/ml
16) T n-Octacosane (C28)	16.970	2205323	21.669 ug/ml
17) T n-Tricontane (C30)	17.853	2206119	22.518 ug/ml
18) T n-Dotriacontane (C32)	18.680	1881769	22.445 ug/ml
19) T n-Tetratriacontane (C34)	19.458	1551379	21.653 ug/ml
20) T n-Hexatriacontane (C36)	20.196	1393978	19.899 ug/ml
21) T n-Octatriacontane (C38)	20.954	1292708	20.486 ug/ml
22) T n-Tetracontane (C40)	21.907	1330911	19.233 ug/ml

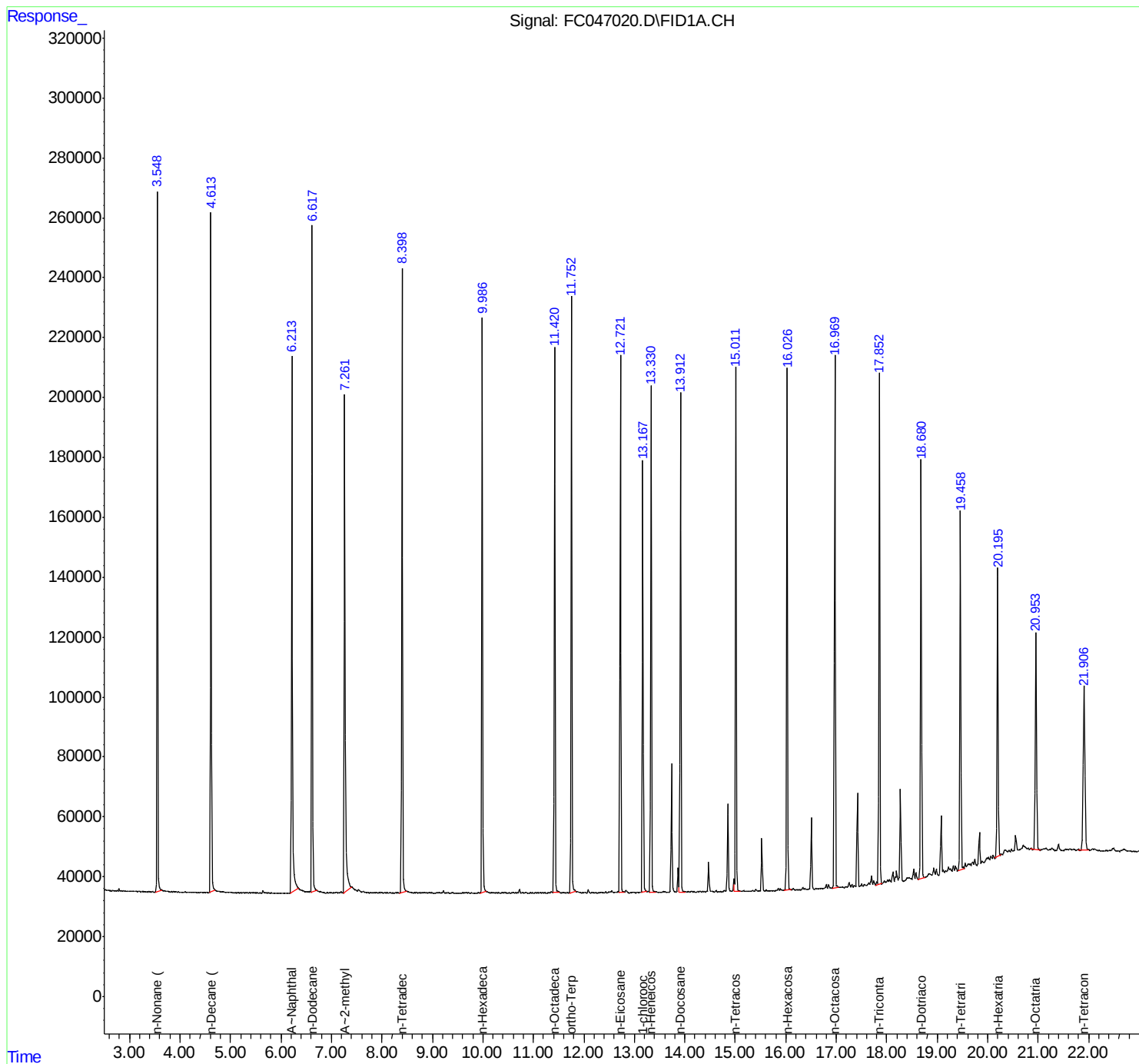
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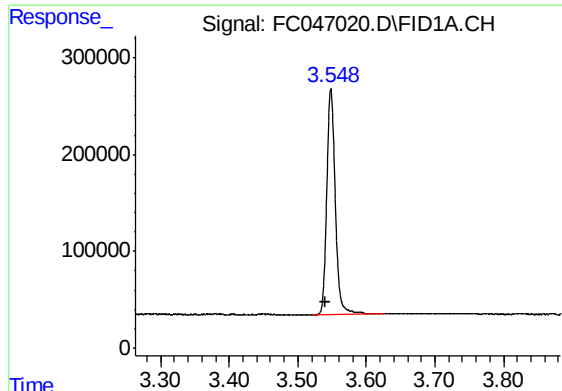
(m)=manual int.

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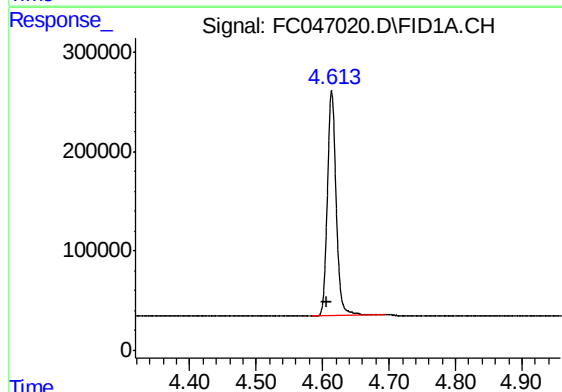
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





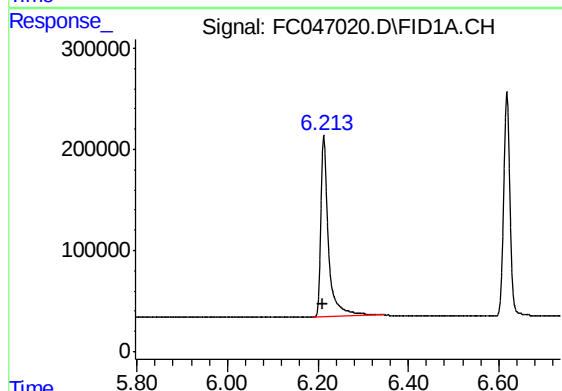
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 1999396
Conc: 20.82 ug/ml



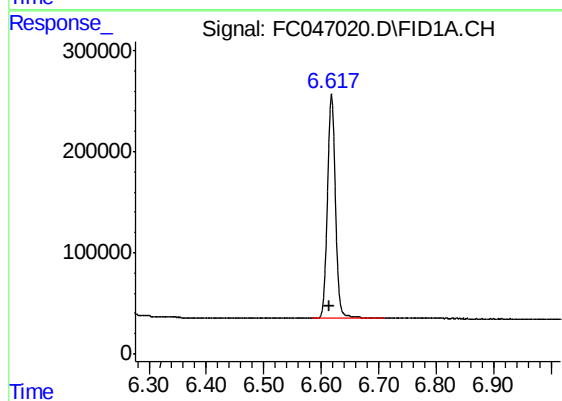
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.007 min
Response: 2074504
Conc: 21.60 ug/ml



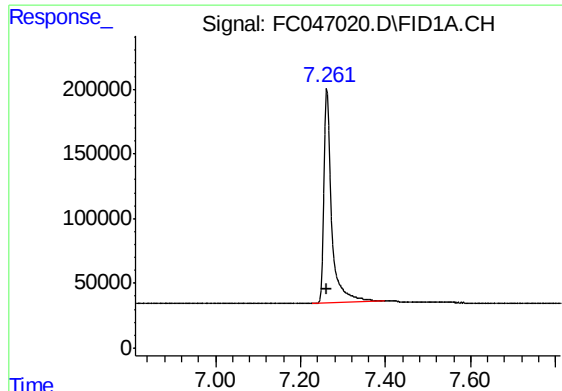
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: 0.002 min
Response: 2090860
Conc: 20.87 ug/ml



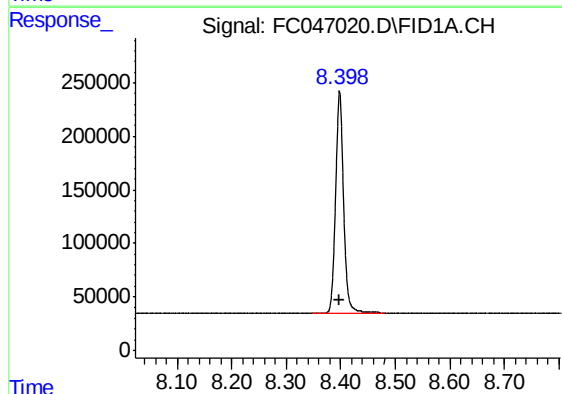
#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.003 min
Response: 2140861
Conc: 21.93 ug/ml



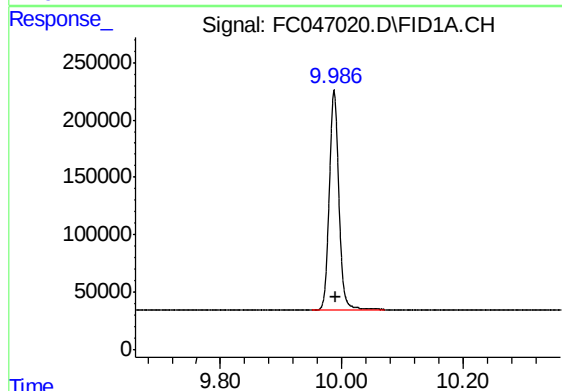
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 2098431
Conc: 20.76 ug/ml



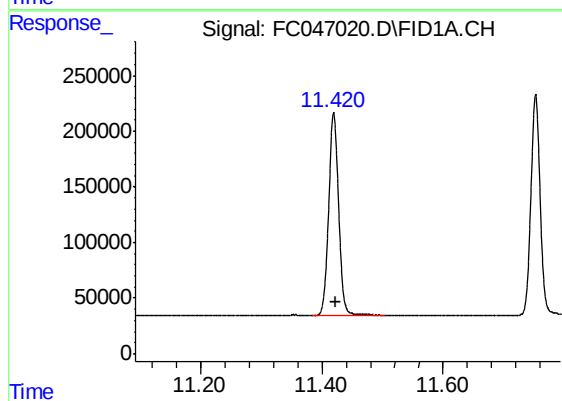
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 2111439
Conc: 21.44 ug/ml



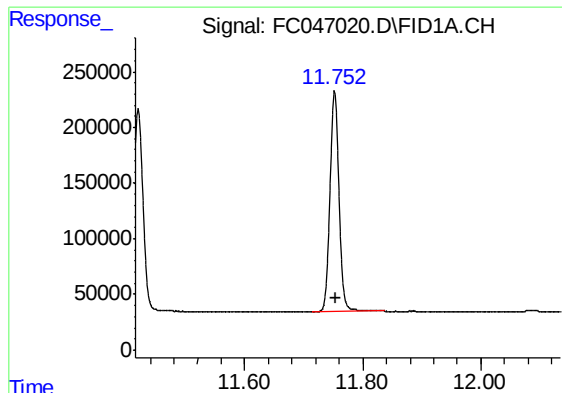
#7 n-Hexadecane (C16)

R.T.: 9.987 min
Delta R.T.: -0.003 min
Response: 2083853
Conc: 20.87 ug/ml



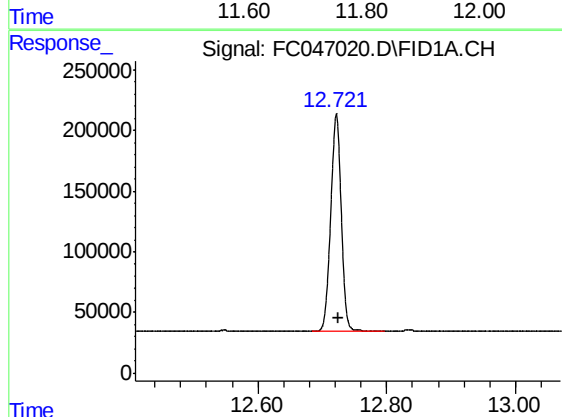
#8 n-Octadecane (C18)

R.T.: 11.420 min
Delta R.T.: -0.004 min
Response: 2057486
Conc: 20.27 ug/ml



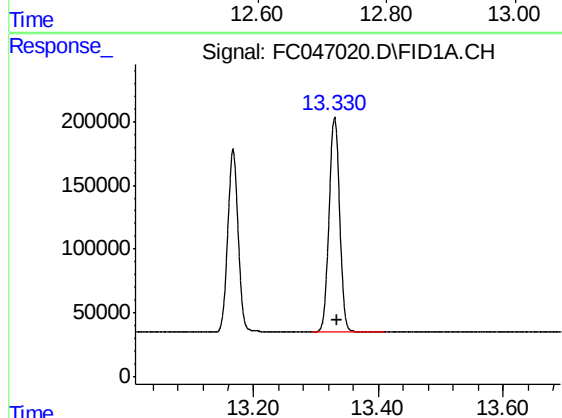
#9 ortho-Terphenyl (SURR)

R.T.: 11.752 min
Delta R.T.: -0.002 min
Response: 2103140
Conc: 19.24 ug/ml



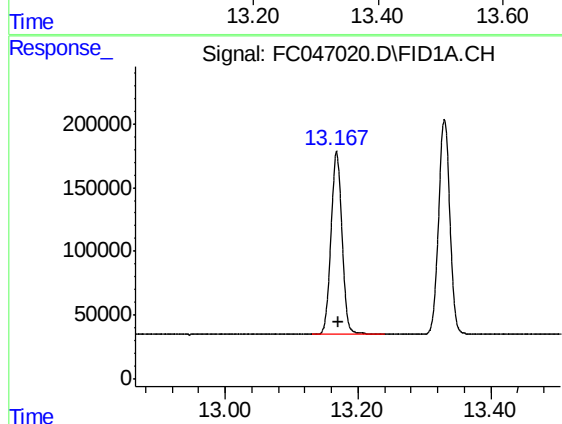
#10 n-Eicosane (C20)

R.T.: 12.722 min
Delta R.T.: -0.003 min
Response: 2017372
Conc: 19.73 ug/ml



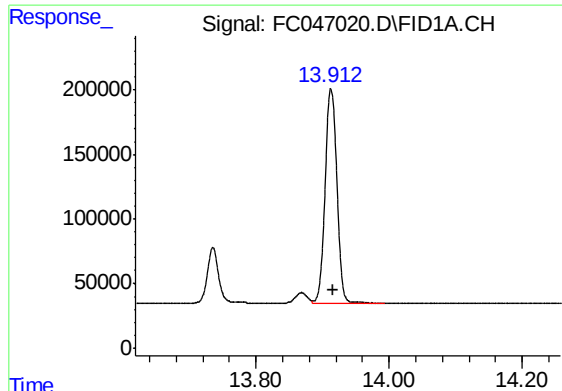
#11 n-Heneicosane (C21)

R.T.: 13.330 min
Delta R.T.: -0.004 min
Response: 1988893
Conc: 19.29 ug/ml



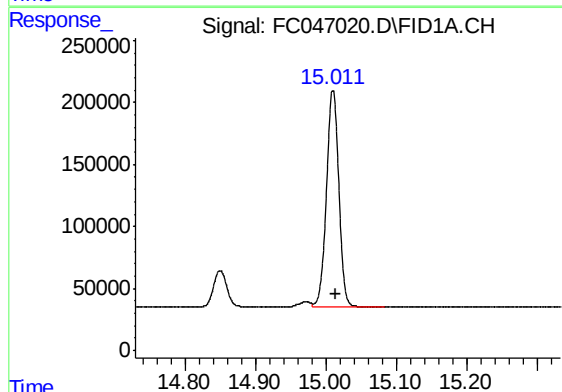
#12 1-chlorooctadecane (SURR)

R.T.: 13.168 min
Delta R.T.: -0.003 min
Response: 1649939
Conc: 19.15 ug/ml



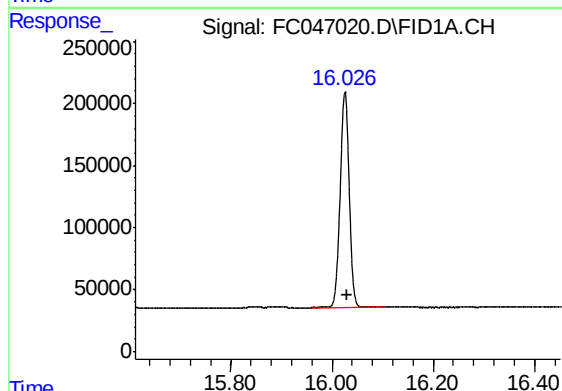
#13 n-Docosane (C22)

R.T.: 13.913 min
Delta R.T.: -0.003 min
Response: 2037497
Conc: 19.85 ug/ml



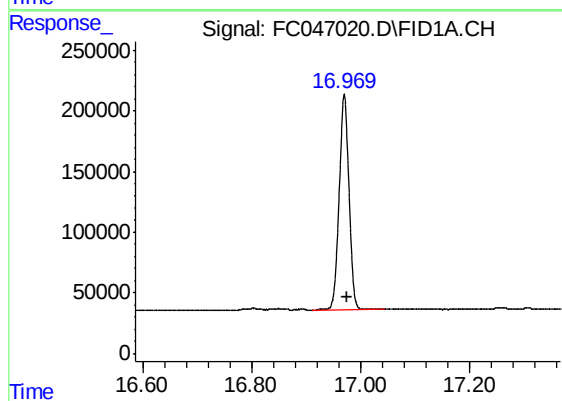
#14 n-Tetracosane (C24)

R.T.: 15.010 min
Delta R.T.: -0.003 min
Response: 2132398
Conc: 20.66 ug/ml



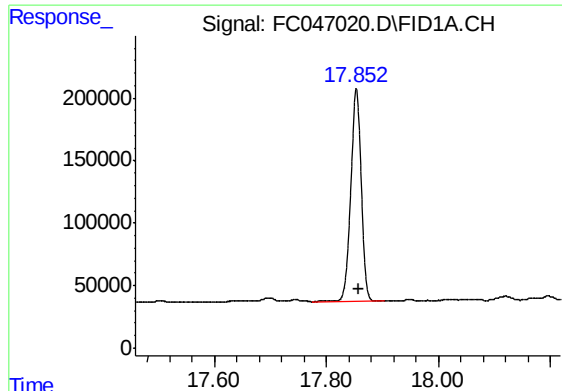
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: -0.004 min
Response: 2155916
Conc: 21.01 ug/ml



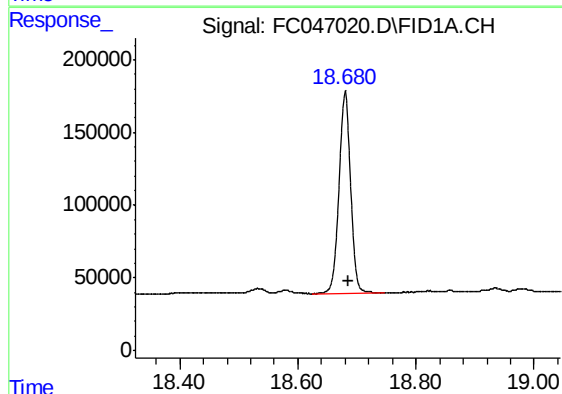
#16 n-Octacosane (C28)

R.T.: 16.970 min
Delta R.T.: -0.006 min
Response: 2205323
Conc: 21.67 ug/ml



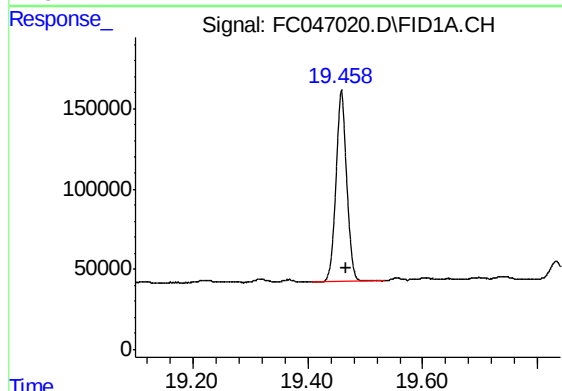
#17 n-Tricontane (C30)

R.T.: 17.853 min
Delta R.T.: -0.005 min
Response: 2206119
Conc: 22.52 ug/ml



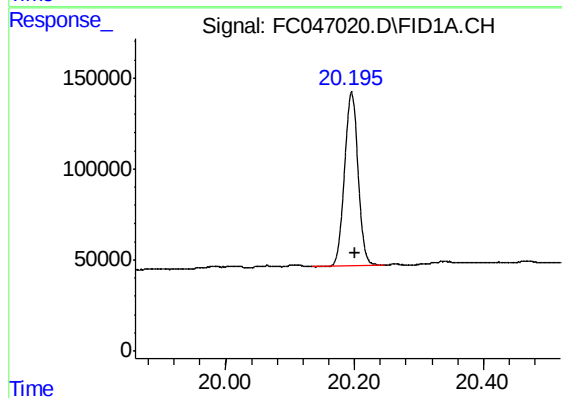
#18 n-Dotriacontane (C32)

R.T.: 18.680 min
Delta R.T.: -0.005 min
Response: 1881769
Conc: 22.44 ug/ml



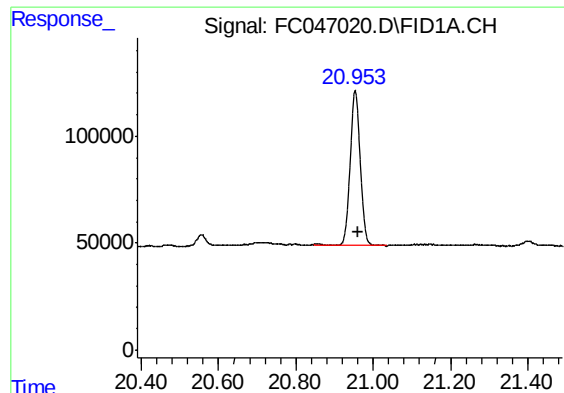
#19 n-Tetratriacontane (C34)

R.T.: 19.458 min
Delta R.T.: -0.007 min
Response: 1551379
Conc: 21.65 ug/ml



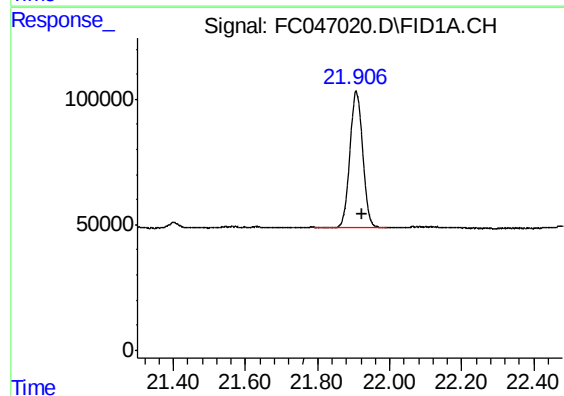
#20 n-Hexatriacontane (C36)

R.T.: 20.196 min
Delta R.T.: -0.006 min
Response: 1393978
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.954 min
Delta R.T.: -0.009 min
Response: 1292708
Conc: 20.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: -0.015 min
Response: 1330911
Conc: 19.23 ug/ml