

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012920AL\
 Data File : FC045541.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jan 2020 22:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 01:07:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.764	2188532	19.909 ug/ml
Spiked Amount 50.000		Recovery =	39.82%
12) S 1-chlorooctadecane (S...	13.185	1694113	19.485 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
Target Compounds			
1) T n-Nonane (C9)	3.523	2095993	21.670 ug/ml
2) T n-Decane (C10)	4.595	2155173	22.252 ug/ml
3) T A~Naphthalene (C11.7)	6.196	2336417	21.875 ug/ml
4) T n-Dodecane (C12)	6.610	2161569	22.111 ug/ml
5) T A~2-methylnaphthalene...	7.250	2345332	21.879 ug/ml
6) T n-Tetradecane (C14)	8.399	2136497	21.681 ug/ml
7) T n-Hexadecane (C16)	9.995	2115682	21.133 ug/ml
8) T n-Octadecane (C18)	11.432	2092689	20.546 ug/ml
10) T n-Eicosane (C20)	12.738	2044080	19.932 ug/ml
11) T n-Heneicosane (C21)	13.349	2030982	19.621 ug/ml
13) T n-Docosane (C22)	13.934	1993089	19.317 ug/ml
14) T n-Tetracosane (C24)	15.033	1948171	18.748 ug/ml
15) T n-Hexacosane (C26)	16.051	1896772	18.359 ug/ml
16) T n-Octacosane (C28)	16.999	1876073	18.355 ug/ml
17) T n-Tricontane (C30)	17.884	1866345	19.012 ug/ml
18) T n-Dotriacontane (C32)	18.714	1637553	19.680 ug/ml
19) T n-Tetratriacontane (C34)	19.495	1375235	19.433 ug/ml
20) T n-Hexatriacontane (C36)	20.233	1243305	19.390 ug/ml
21) T n-Octatriacontane (C38)	21.003	1134552	19.398 ug/ml
22) T n-Tetracontane (C40)	21.971	1157631	19.624 ug/ml

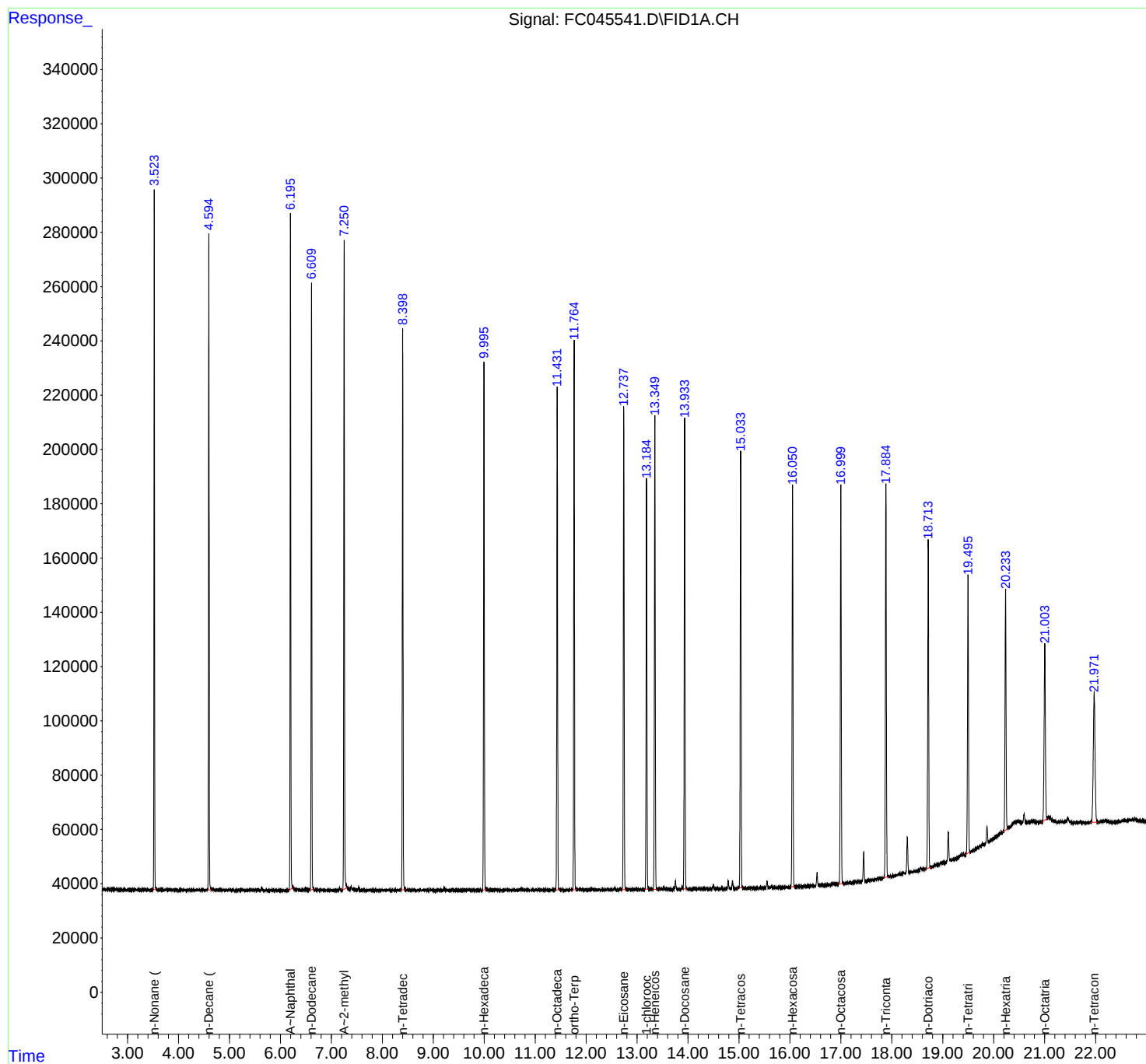
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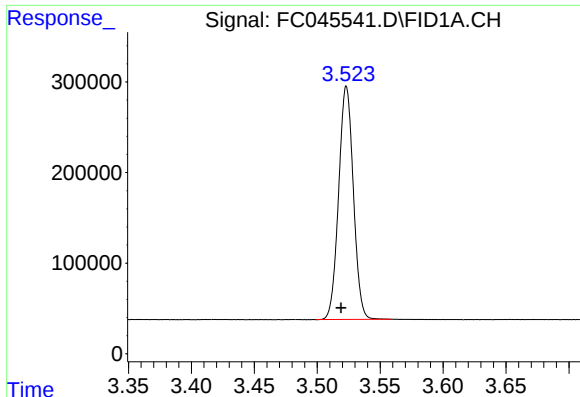
(m)=manual int.

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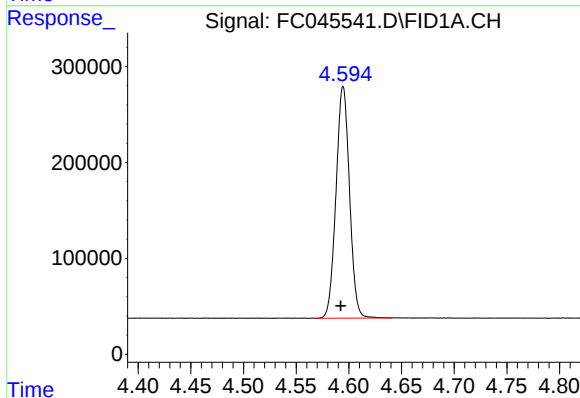
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





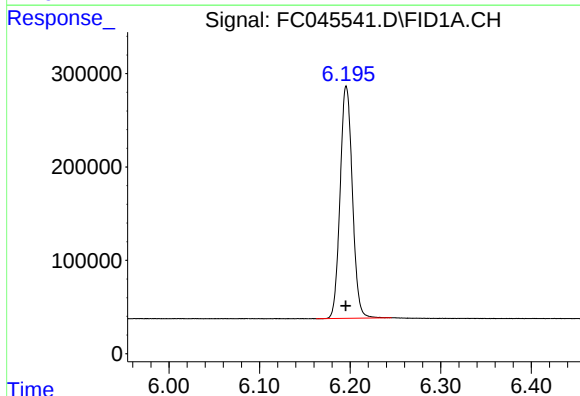
#1 n-Nonane (C9)

R.T.: 3.523 min
Delta R.T.: 0.004 min
Response: 2095993
Conc: 21.67 ug/ml



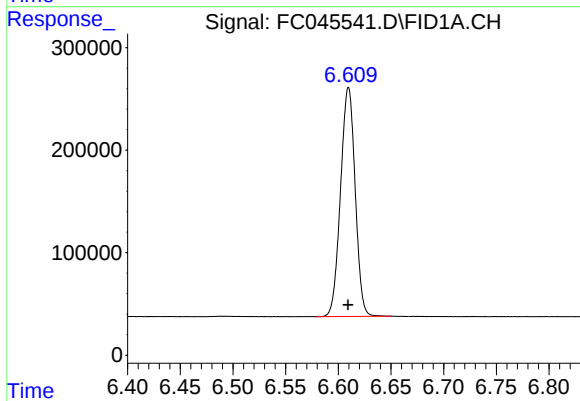
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.002 min
Response: 2155173
Conc: 22.25 ug/ml



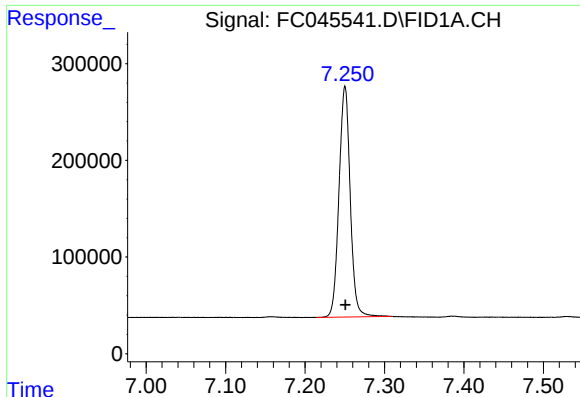
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 2336417
Conc: 21.88 ug/ml



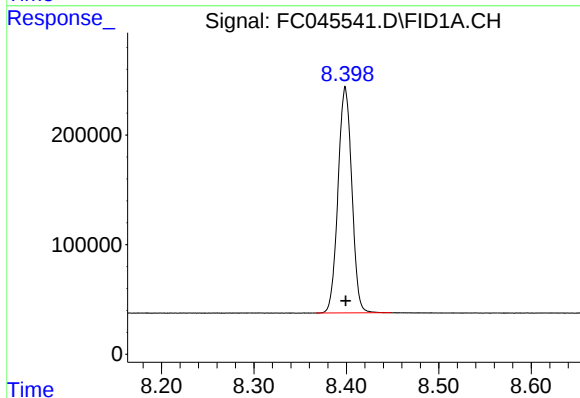
#4 n-Dodecane (C12)

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 2161569
Conc: 22.11 ug/ml



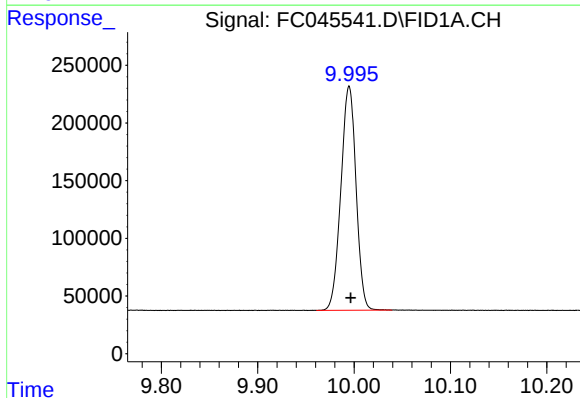
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.250 min
Delta R.T.: 0.000 min
Response: 2345332
Conc: 21.88 ug/ml



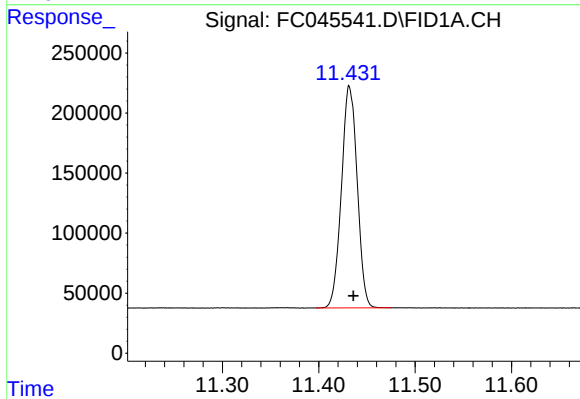
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.000 min
Response: 2136497
Conc: 21.68 ug/ml



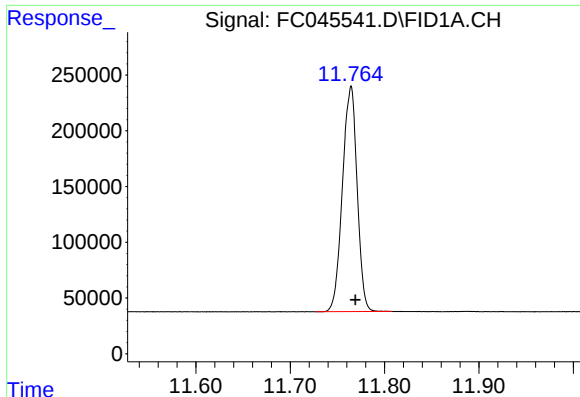
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 2115682
Conc: 21.13 ug/ml



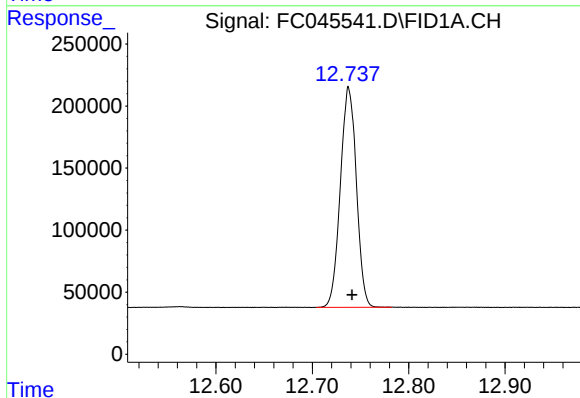
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.004 min
Response: 2092689
Conc: 20.55 ug/ml



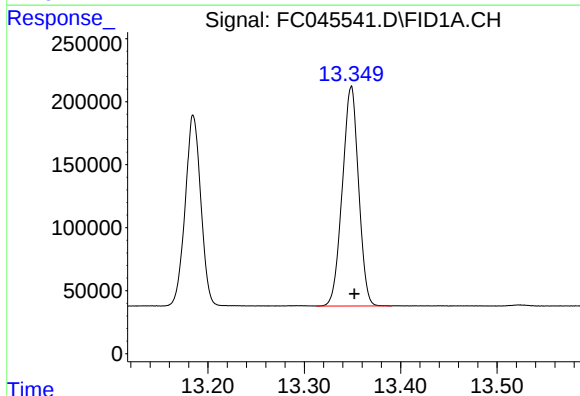
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: -0.005 min
Response: 2188532
Conc: 19.91 ug/ml



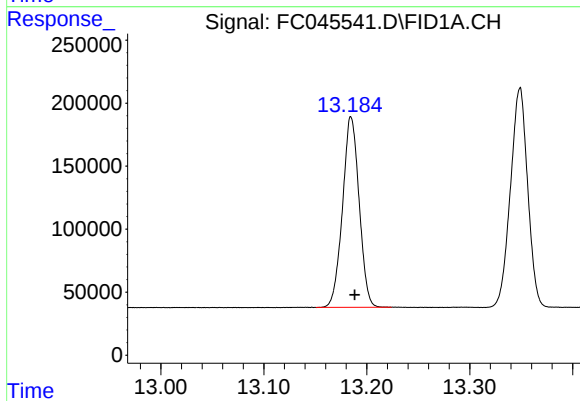
#10 n-Eicosane (C20)

R.T.: 12.738 min
Delta R.T.: -0.003 min
Response: 2044080
Conc: 19.93 ug/ml



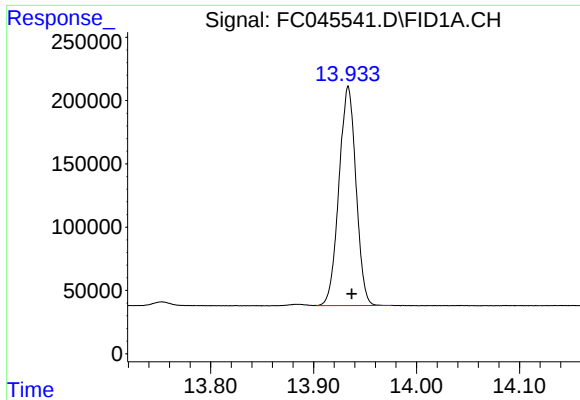
#11 n-Heneicosane (C21)

R.T.: 13.349 min
Delta R.T.: -0.003 min
Response: 2030982
Conc: 19.62 ug/ml



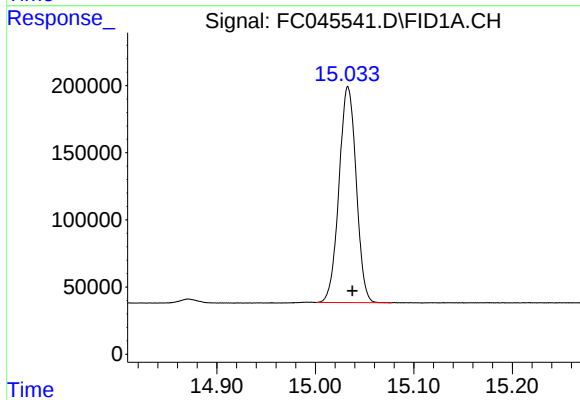
#12 1-chlorooctadecane (SURR)

R.T.: 13.185 min
Delta R.T.: -0.004 min
Response: 1694113
Conc: 19.48 ug/ml



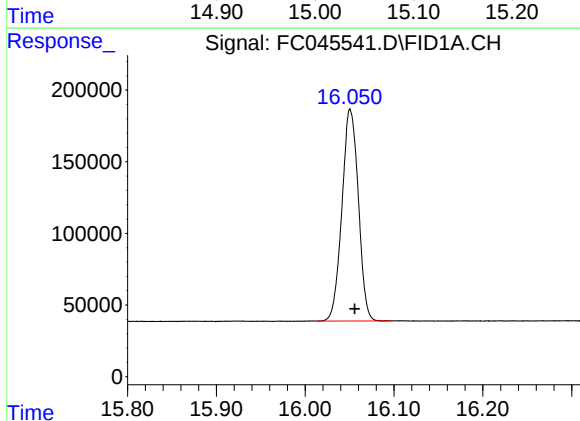
#13 n-Docosane (C22)

R.T.: 13.934 min
Delta R.T.: -0.003 min
Response: 1993089
Conc: 19.32 ug/ml



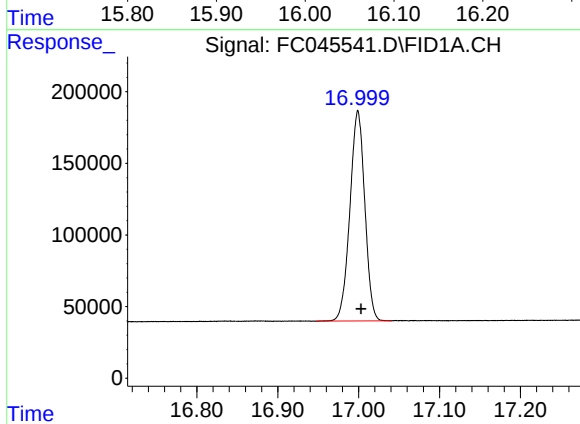
#14 n-Tetracosane (C24)

R.T.: 15.033 min
Delta R.T.: -0.005 min
Response: 1948171
Conc: 18.75 ug/ml



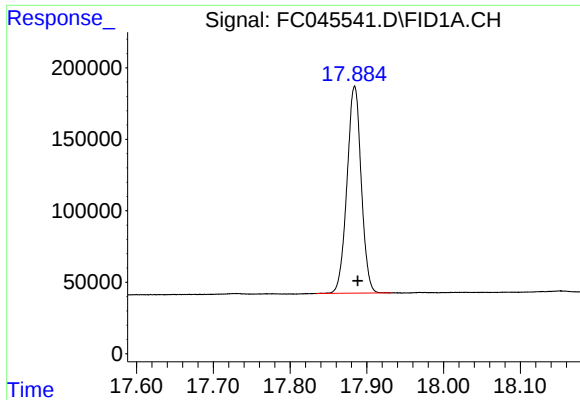
#15 n-Hexacosane (C26)

R.T.: 16.051 min
Delta R.T.: -0.005 min
Response: 1896772
Conc: 18.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.999 min
Delta R.T.: -0.004 min
Response: 1876073
Conc: 18.35 ug/ml



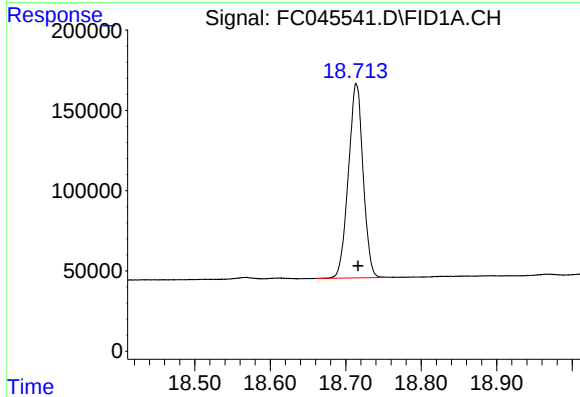
#17 n-Tricontane (C30)

R.T.: 17.884 min

Delta R.T.: -0.004 min

Response: 1866345

Conc: 19.01 ug/ml



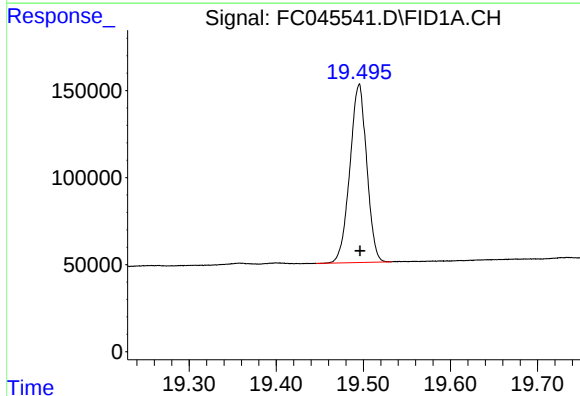
#18 n-Dotriacontane (C32)

R.T.: 18.714 min

Delta R.T.: -0.002 min

Response: 1637553

Conc: 19.68 ug/ml



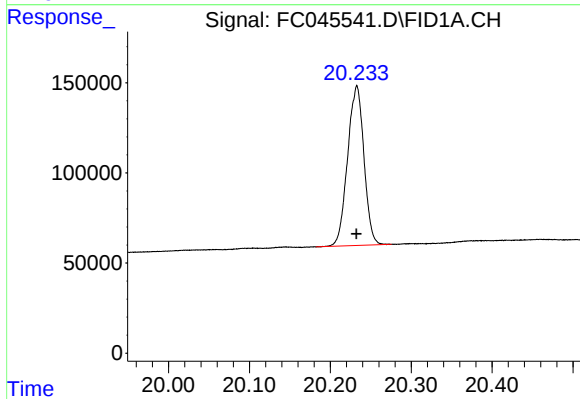
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min

Delta R.T.: -0.001 min

Response: 1375235

Conc: 19.43 ug/ml



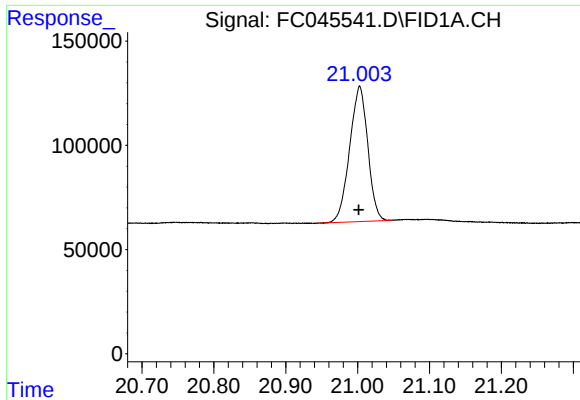
#20 n-Hexatriacontane (C36)

R.T.: 20.233 min

Delta R.T.: 0.000 min

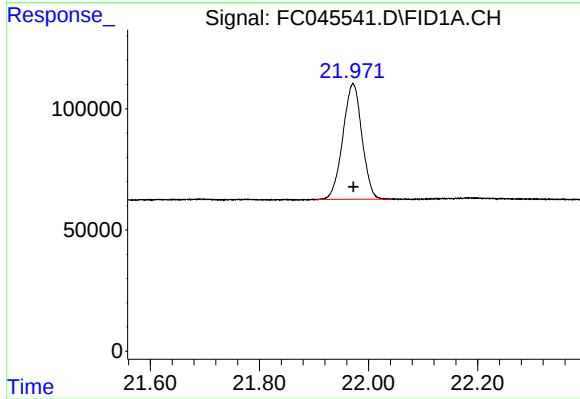
Response: 1243305

Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.003 min
Delta R.T.: 0.001 min
Response: 1134552
Conc: 19.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: 0.000 min
Response: 1157631
Conc: 19.62 ug/ml