

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102319AL\
 Data File : FC044167.D
 Signal(s) : FID1A.CH
 Acq On : 24 Oct 2019 1:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 01:20:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 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)	11.718	2705635	18.562 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
12) S 1-chlorooctadecane (S...	13.149	2046387	18.302 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
Target Compounds			
1) T n-Nonane (C9)	3.437	2128872	19.326 ug/ml
2) T n-Decane (C10)	4.514	2151079	19.367 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2412616	19.391 ug/ml
4) T n-Dodecane (C12)	6.542	2170568	19.300 ug/ml
5) T A~2-methylnaphthalene...	7.174	2433380	19.297 ug/ml
6) T n-Tetradecane (C14)	8.342	2161923	19.109 ug/ml
7) T n-Hexadecane (C16)	9.946	2153107	18.844 ug/ml
8) T n-Octadecane (C18)	11.391	2125344	18.563 ug/ml
10) T n-Eicosane (C20)	12.703	2079231	18.231 ug/ml
11) T n-Heneicosane (C21)	13.316	2067859	18.028 ug/ml
13) T n-Docosane (C22)	13.902	2029821	17.875 ug/ml
14) T n-Tetracosane (C24)	15.008	1981887	17.526 ug/ml
15) T n-Hexacosane (C26)	16.031	1907085	17.237 ug/ml
16) T n-Octacosane (C28)	16.983	1851852	17.095 ug/ml
17) T n-Tricontane (C30)	17.873	1818190	17.180 ug/ml
18) T n-Dotriacontane (C32)	18.706	1733988	17.217 ug/ml
19) T n-Tetratriacontane (C34)	19.491	1673972	17.853 ug/ml
20) T n-Hexatriacontane (C36)	20.231	1624871	18.718 ug/ml
21) T n-Octatriacontane (C38)	21.005	1537859	19.071 ug/ml
22) T n-Tetracontane (C40)	21.977	1621478	19.183 ug/ml

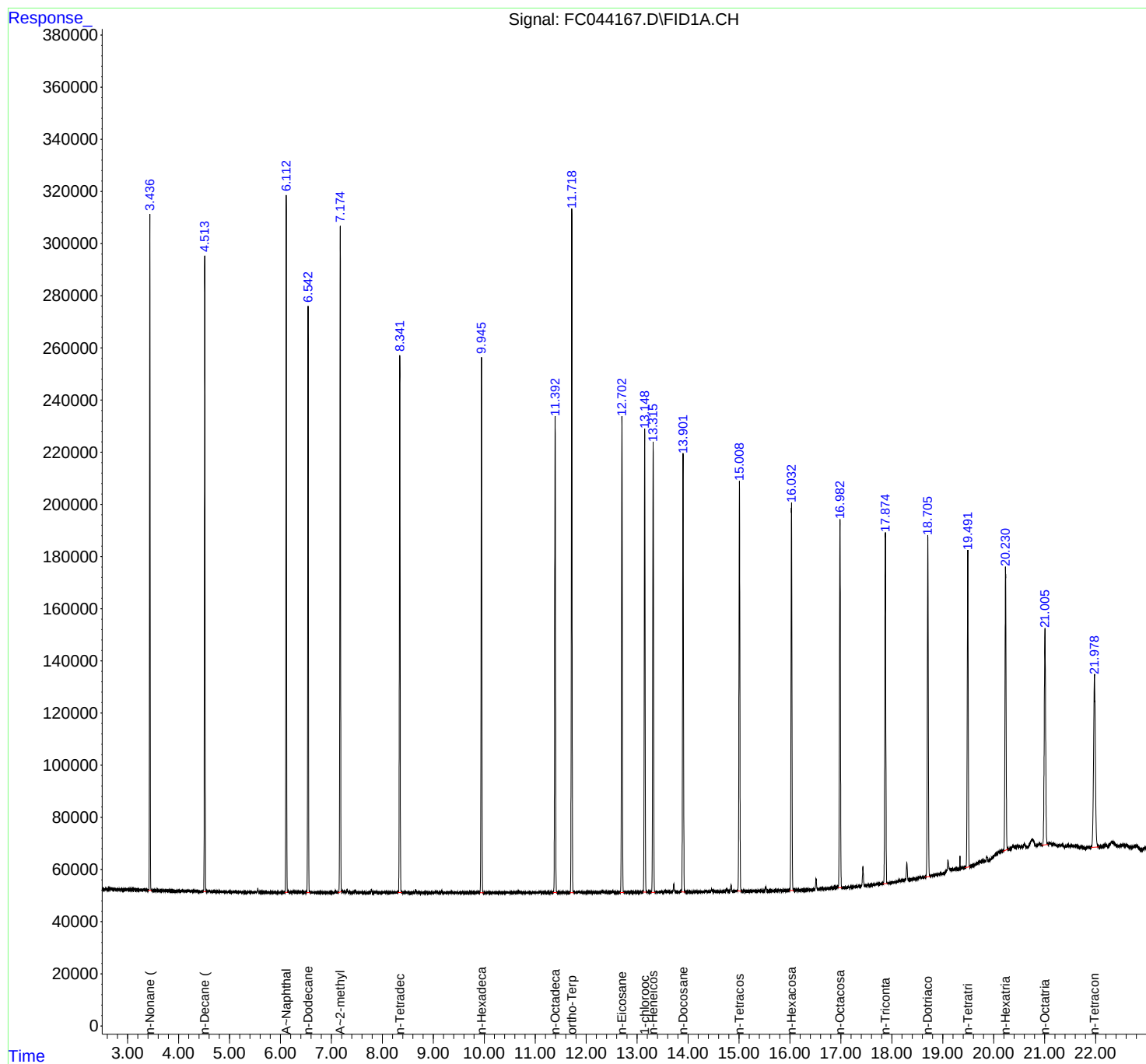
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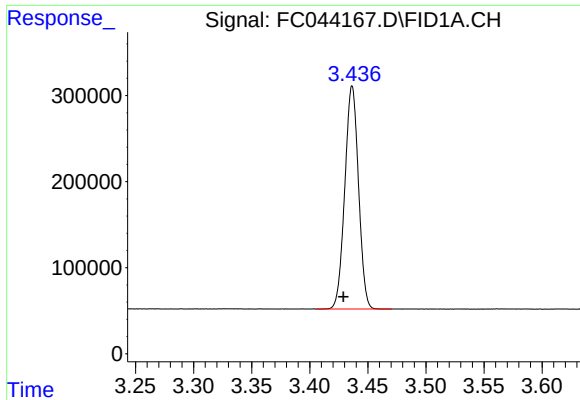
(m)=manual int.

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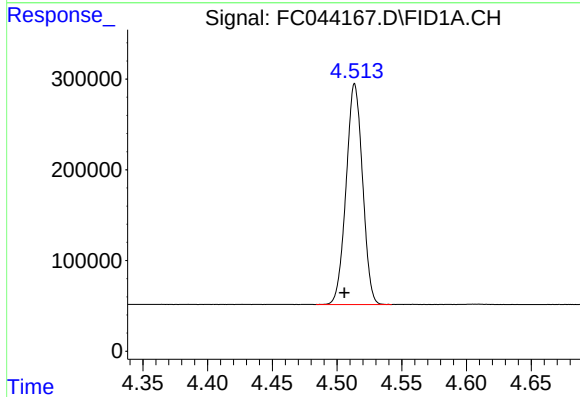
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





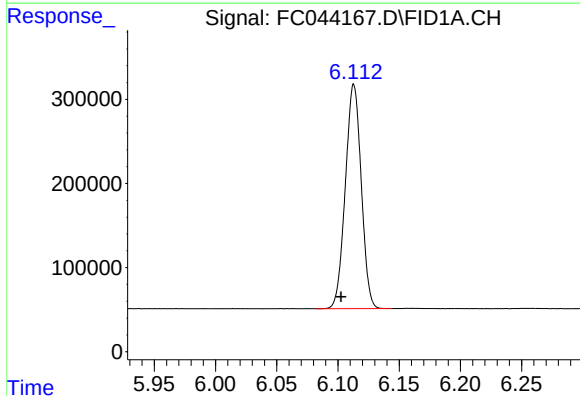
#1 n-Nonane (C9)

R.T.: 3.437 min
Delta R.T.: 0.008 min
Response: 2128872
Conc: 19.33 ug/ml



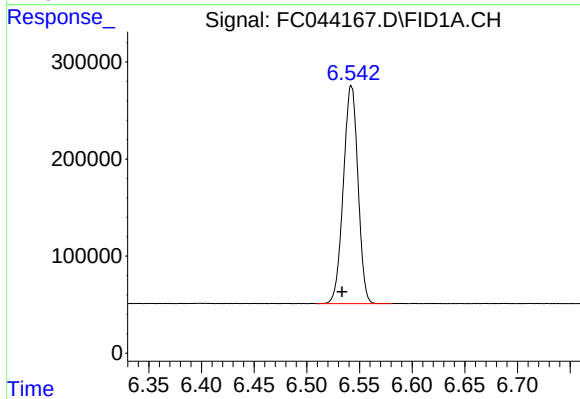
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.008 min
Response: 2151079
Conc: 19.37 ug/ml



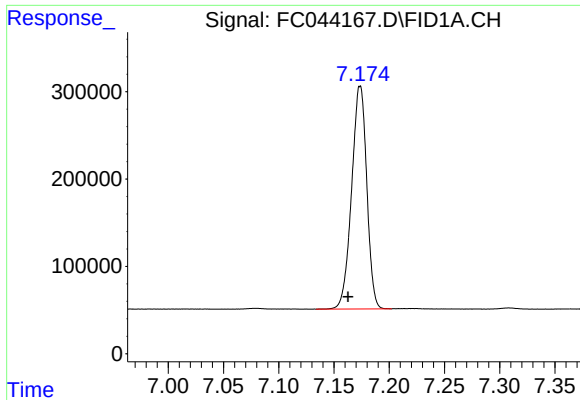
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: 0.011 min
Response: 2412616
Conc: 19.39 ug/ml



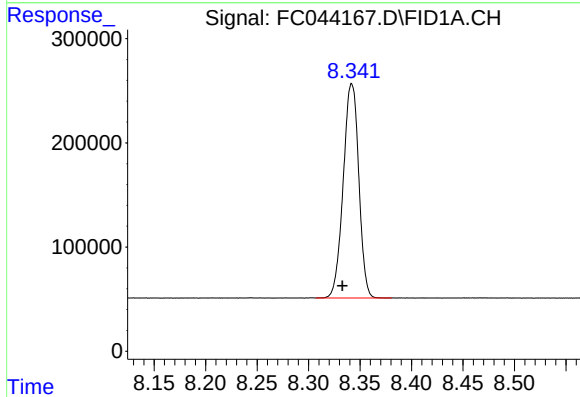
#4 n-Dodecane (C12)

R.T.: 6.542 min
Delta R.T.: 0.009 min
Response: 2170568
Conc: 19.30 ug/ml



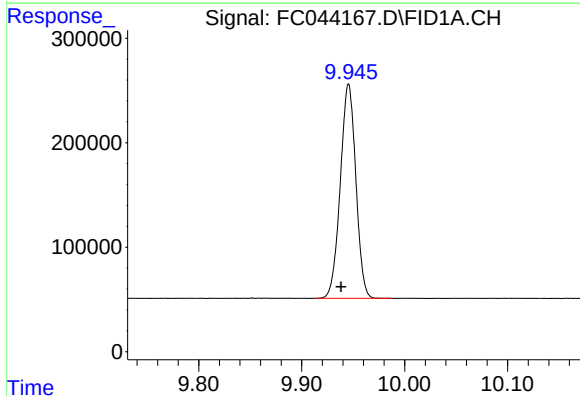
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.174 min
Delta R.T.: 0.011 min
Response: 2433380
Conc: 19.30 ug/ml



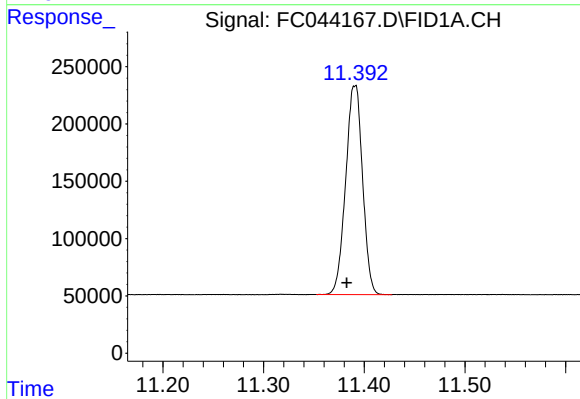
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: 0.009 min
Response: 2161923
Conc: 19.11 ug/ml



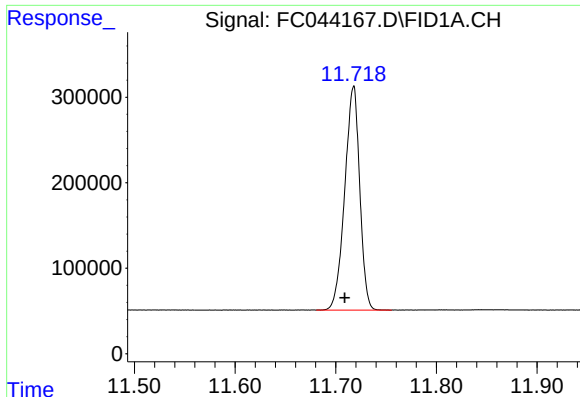
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: 0.007 min
Response: 2153107
Conc: 18.84 ug/ml



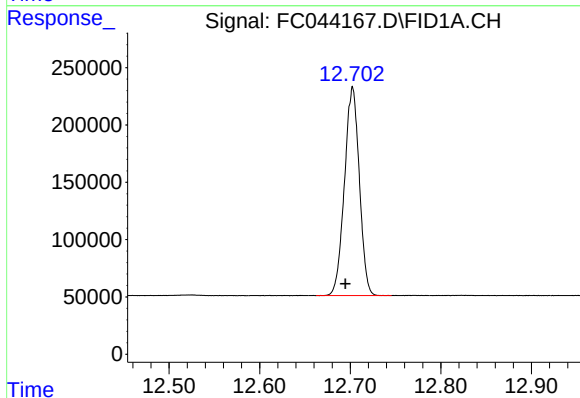
#8 n-Octadecane (C18)

R.T.: 11.391 min
Delta R.T.: 0.008 min
Response: 2125344
Conc: 18.56 ug/ml



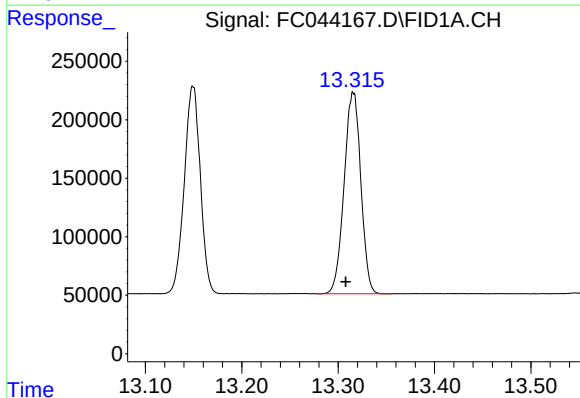
#9 ortho-Terphenyl (SURR)

R.T.: 11.718 min
Delta R.T.: 0.009 min
Response: 2705635
Conc: 18.56 ug/ml



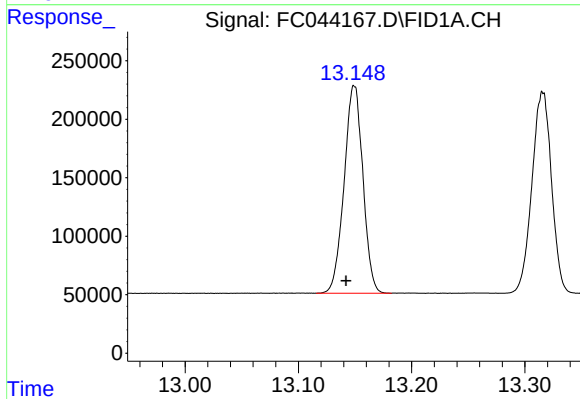
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: 0.008 min
Response: 2079231
Conc: 18.23 ug/ml



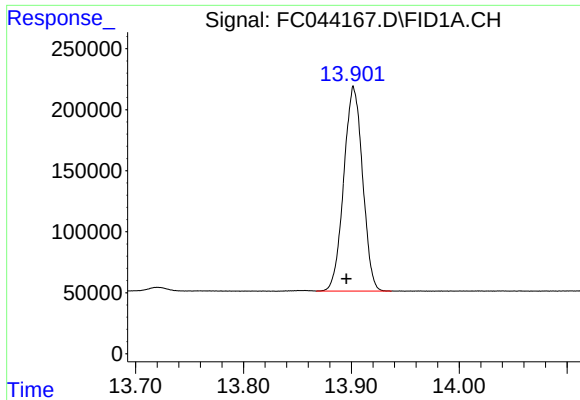
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: 0.008 min
Response: 2067859
Conc: 18.03 ug/ml



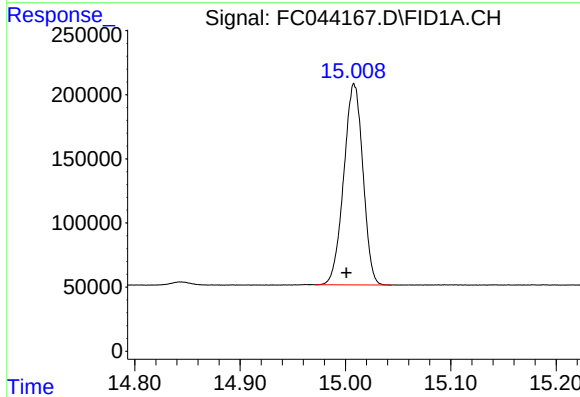
#12 1-chlorooctadecane (SURR)

R.T.: 13.149 min
Delta R.T.: 0.007 min
Response: 2046387
Conc: 18.30 ug/ml



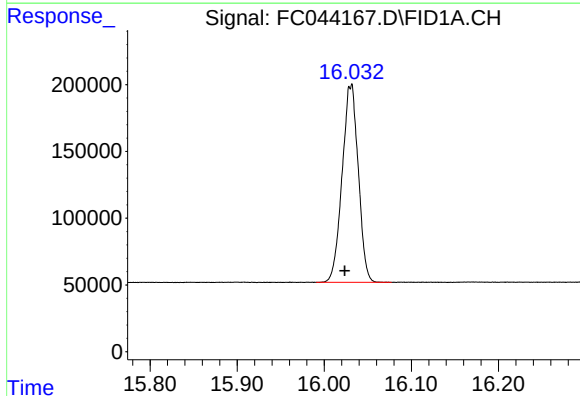
#13 n-Docosane (C22)

R.T.: 13.902 min
Delta R.T.: 0.007 min
Response: 2029821
Conc: 17.87 ug/ml



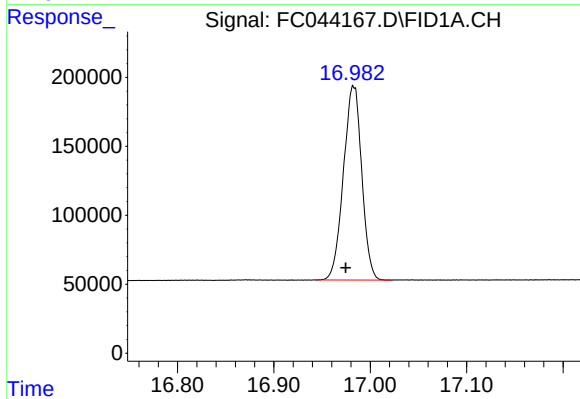
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: 0.007 min
Response: 1981887
Conc: 17.53 ug/ml



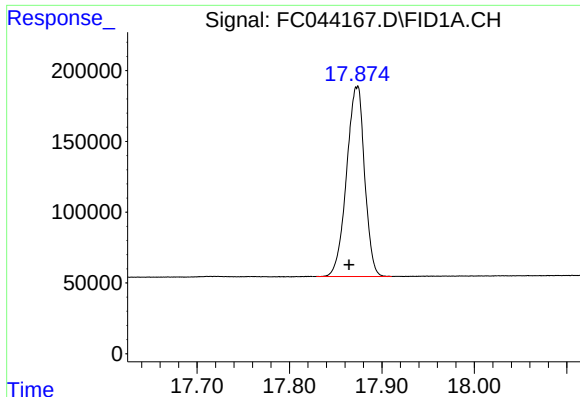
#15 n-Hexacosane (C26)

R.T.: 16.031 min
Delta R.T.: 0.007 min
Response: 1907085
Conc: 17.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.983 min
Delta R.T.: 0.008 min
Response: 1851852
Conc: 17.09 ug/ml



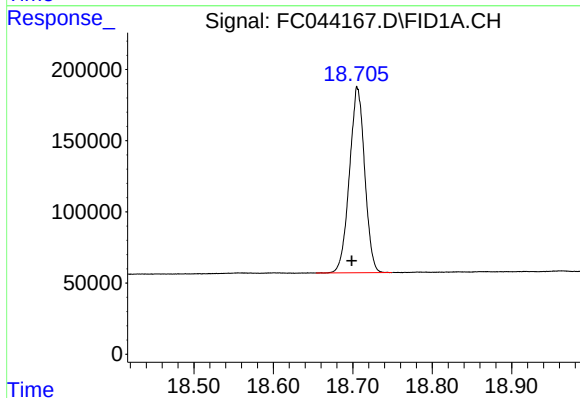
#17 n-Tricontane (C30)

R.T.: 17.873 min

Delta R.T.: 0.009 min

Response: 1818190

Conc: 17.18 ug/ml



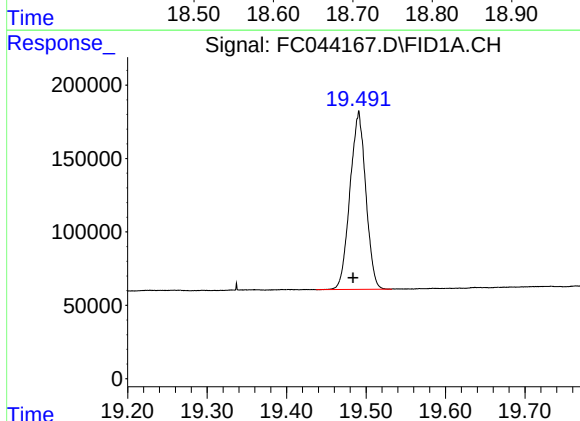
#18 n-Dotriacontane (C32)

R.T.: 18.706 min

Delta R.T.: 0.007 min

Response: 1733988

Conc: 17.22 ug/ml



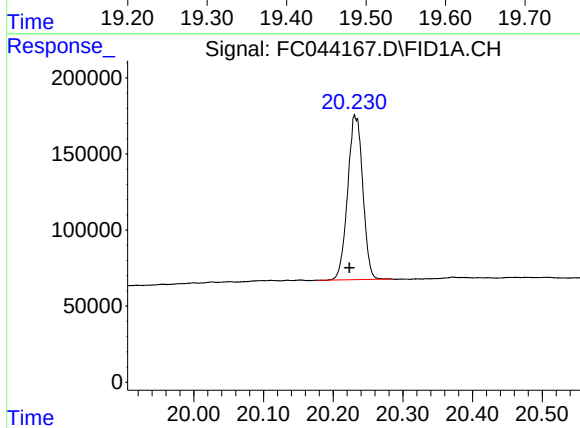
#19 n-Tetratriacontane (C34)

R.T.: 19.491 min

Delta R.T.: 0.007 min

Response: 1673972

Conc: 17.85 ug/ml



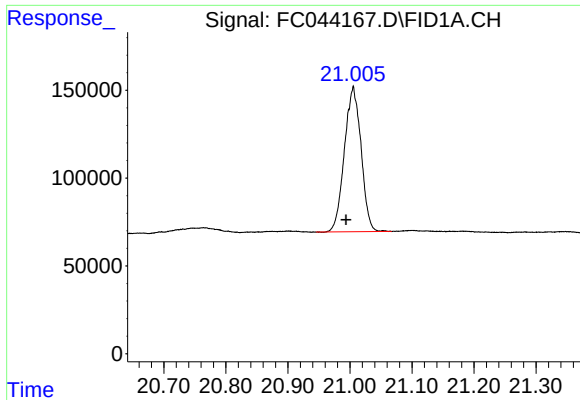
#20 n-Hexatriacontane (C36)

R.T.: 20.231 min

Delta R.T.: 0.008 min

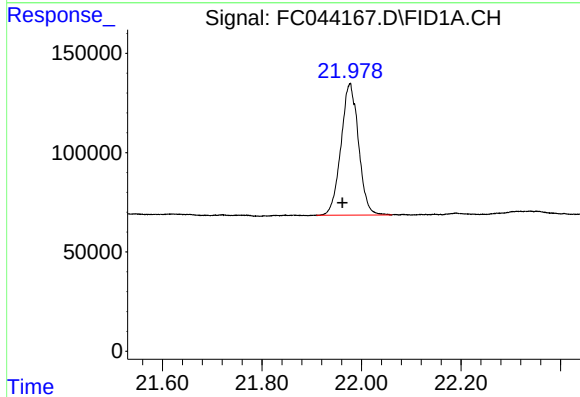
Response: 1624871

Conc: 18.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: 0.011 min
Response: 1537859
Conc: 19.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: 0.015 min
Response: 1621478
Conc: 19.18 ug/ml