

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111819AL\
 Data File : FC044584.D
 Signal(s) : FID1A.CH
 Acq On : 18 Nov 2019 9:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 18 14:07:36 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)	11.727	2518010	17.275 ug/ml
Spiked Amount 50.000		Recovery =	34.55%
12) S 1-chlorooctadecane (S...	13.156	1863370	16.665 ug/ml
Spiked Amount 50.000		Recovery =	33.33%
Target Compounds			
1) T n-Nonane (C9)	3.457	2435054	22.105 ug/ml
2) T n-Decane (C10)	4.534	2481451	22.341 ug/ml
3) T A~Naphthalene (C11.7)	6.137	2705769	21.747 ug/ml
4) T n-Dodecane (C12)	6.559	2491932	22.158 ug/ml
5) T A~2-methylnaphthalene...	7.196	2704081	21.443 ug/ml
6) T n-Tetradecane (C14)	8.355	2458736	21.733 ug/ml
7) T n-Hexadecane (C16)	9.956	2417014	21.153 ug/ml
8) T n-Octadecane (C18)	11.398	2350604	20.531 ug/ml
10) T n-Eicosane (C20)	12.709	2264884	19.859 ug/ml
11) T n-Heneicosane (C21)	13.321	2234501	19.481 ug/ml
13) T n-Docosane (C22)	13.907	2184490	19.237 ug/ml
14) T n-Tetracosane (C24)	15.011	2126706	18.807 ug/ml
15) T n-Hexacosane (C26)	16.033	2054580	18.570 ug/ml
16) T n-Octacosane (C28)	16.983	2032392	18.762 ug/ml
17) T n-Tricontane (C30)	17.871	2042869	19.303 ug/ml
18) T n-Dotriacontane (C32)	18.703	2057835	20.433 ug/ml
19) T n-Tetratriacontane (C34)	19.488	2025587	21.603 ug/ml
20) T n-Hexatriacontane (C36)	20.229	1999253	23.030 ug/ml
21) T n-Octatriacontane (C38)	20.998	1915873	23.758 ug/ml
22) T n-Tetracontane (C40)	21.968	1894331	22.411 ug/ml

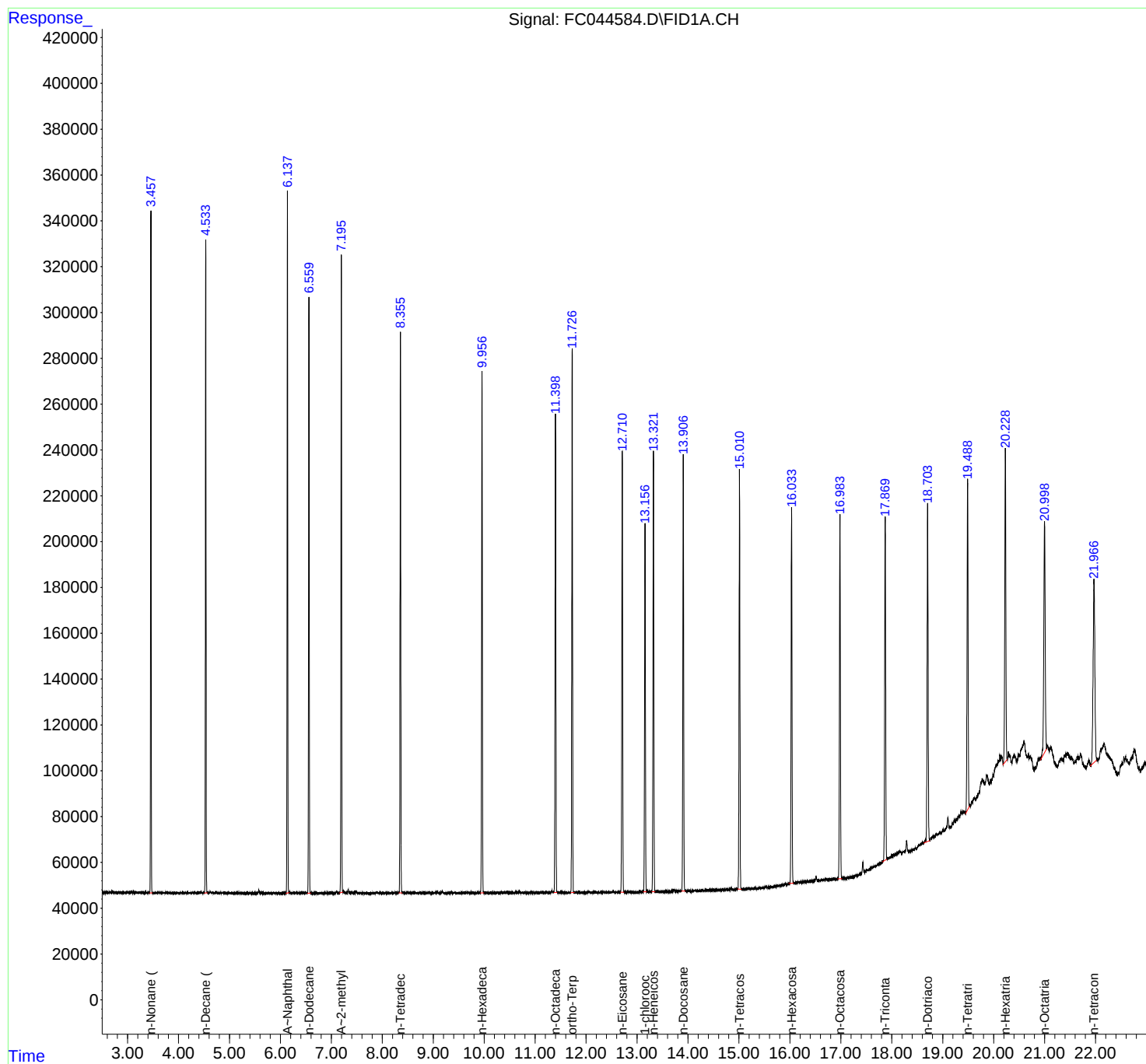
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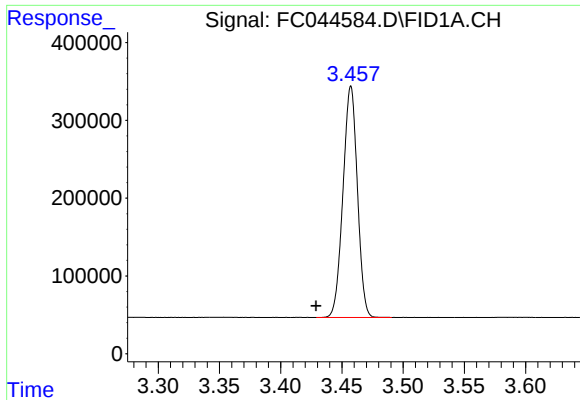
(m)=manual int.

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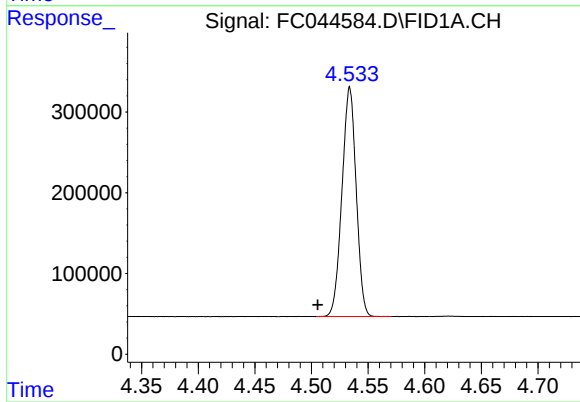
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





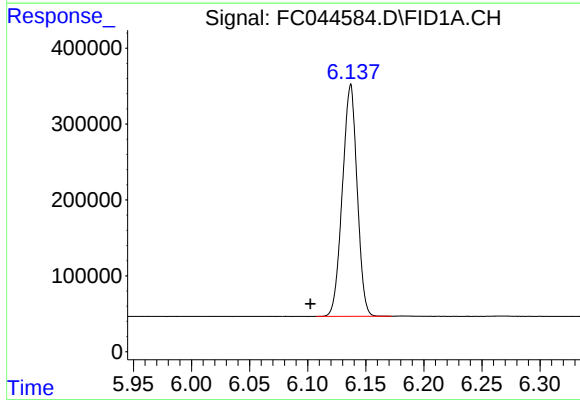
#1 n-Nonane (C9)

R.T.: 3.457 min
Delta R.T.: 0.028 min
Response: 2435054
Conc: 22.11 ug/ml



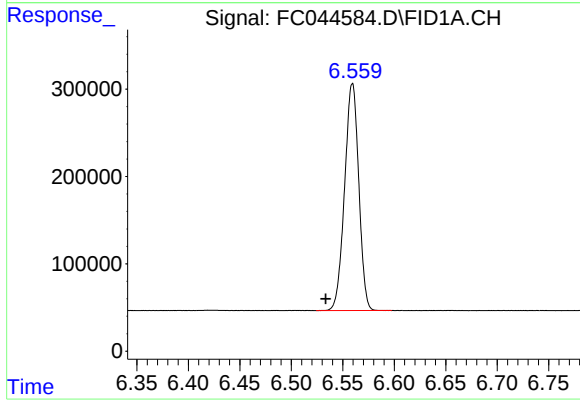
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: 0.028 min
Response: 2481451
Conc: 22.34 ug/ml



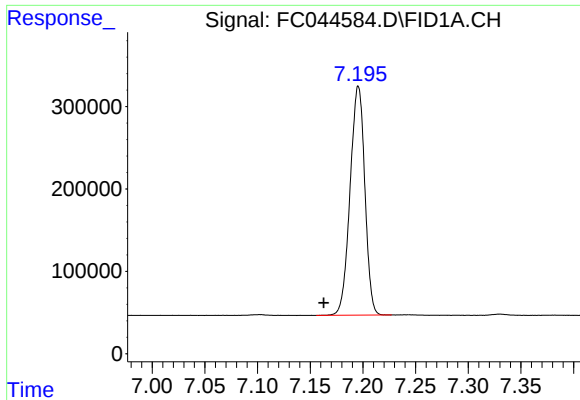
#3 A~Naphthalene (C11.7)

R.T.: 6.137 min
Delta R.T.: 0.034 min
Response: 2705769
Conc: 21.75 ug/ml



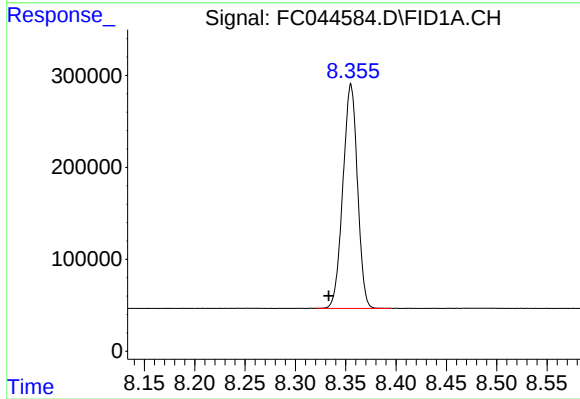
#4 n-Dodecane (C12)

R.T.: 6.559 min
Delta R.T.: 0.026 min
Response: 2491932
Conc: 22.16 ug/ml



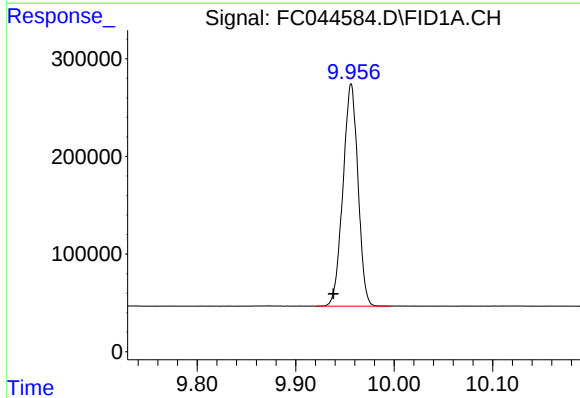
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.196 min
Delta R.T.: 0.033 min
Response: 2704081
Conc: 21.44 ug/ml



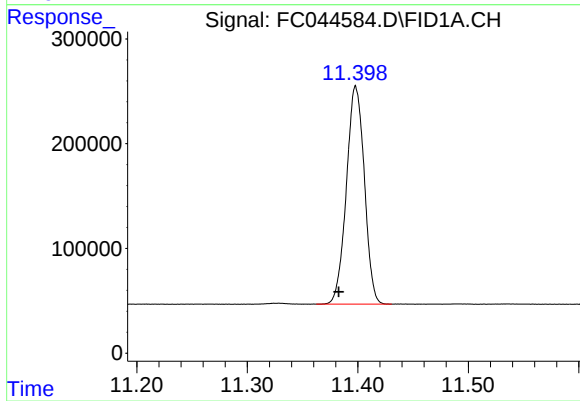
#6 n-Tetradecane (C14)

R.T.: 8.355 min
Delta R.T.: 0.022 min
Response: 2458736
Conc: 21.73 ug/ml



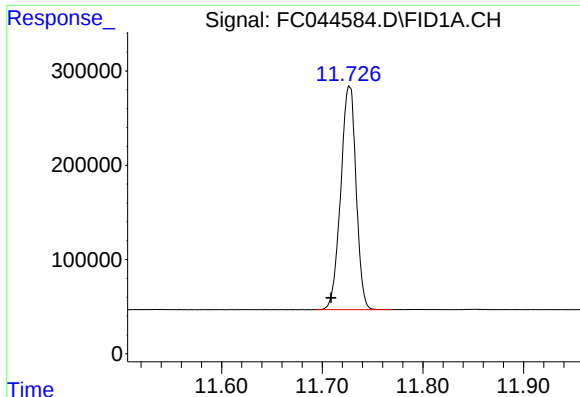
#7 n-Hexadecane (C16)

R.T.: 9.956 min
Delta R.T.: 0.018 min
Response: 2417014
Conc: 21.15 ug/ml



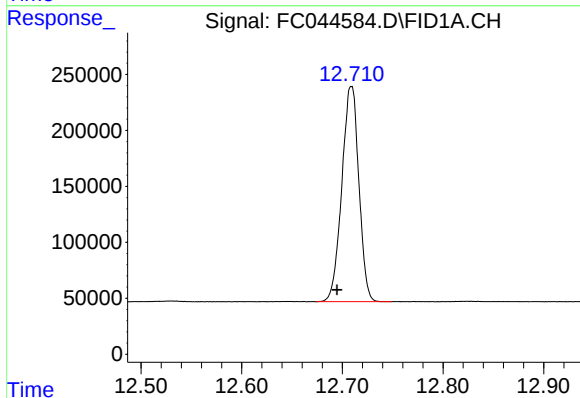
#8 n-Octadecane (C18)

R.T.: 11.398 min
Delta R.T.: 0.015 min
Response: 2350604
Conc: 20.53 ug/ml



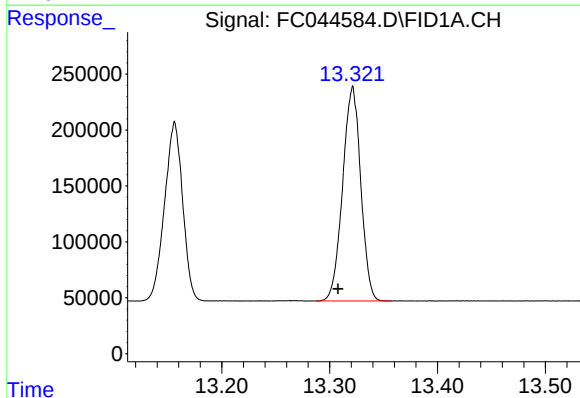
#9 ortho-Terphenyl (SURR)

R.T.: 11.727 min
Delta R.T.: 0.018 min
Response: 2518010
Conc: 17.27 ug/ml



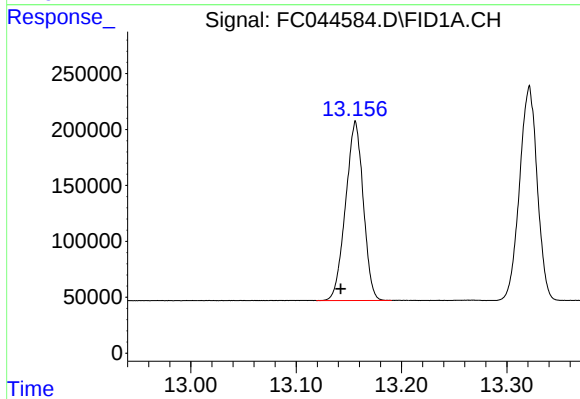
#10 n-Eicosane (C20)

R.T.: 12.709 min
Delta R.T.: 0.014 min
Response: 2264884
Conc: 19.86 ug/ml



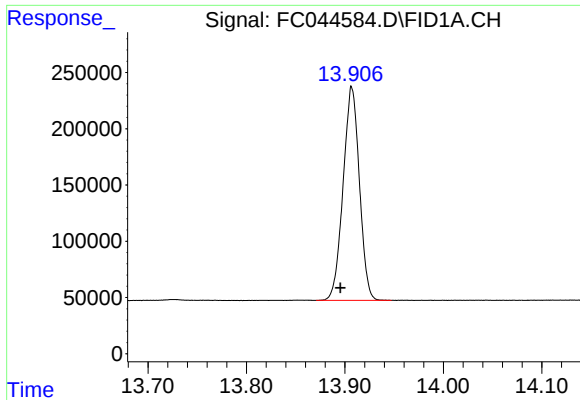
#11 n-Heneicosane (C21)

R.T.: 13.321 min
Delta R.T.: 0.013 min
Response: 2234501
Conc: 19.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.156 min
Delta R.T.: 0.014 min
Response: 1863370
Conc: 16.66 ug/ml



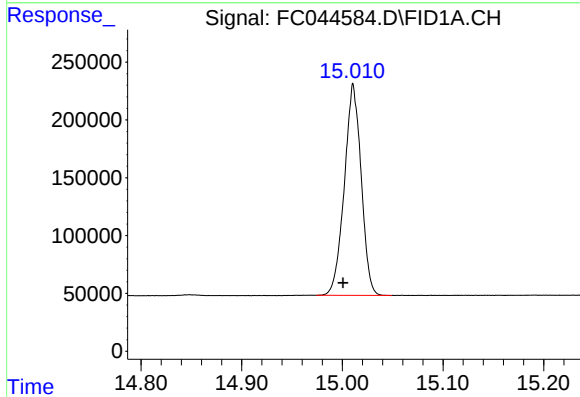
#13 n-Docosane (C22)

R.T.: 13.907 min

Delta R.T.: 0.012 min

Response: 2184490

Conc: 19.24 ug/ml



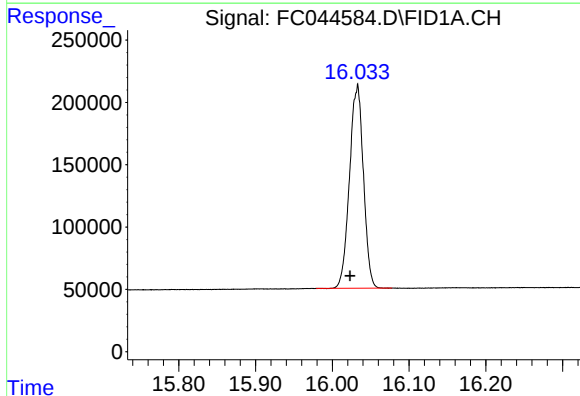
#14 n-Tetracosane (C24)

R.T.: 15.011 min

Delta R.T.: 0.010 min

Response: 2126706

Conc: 18.81 ug/ml



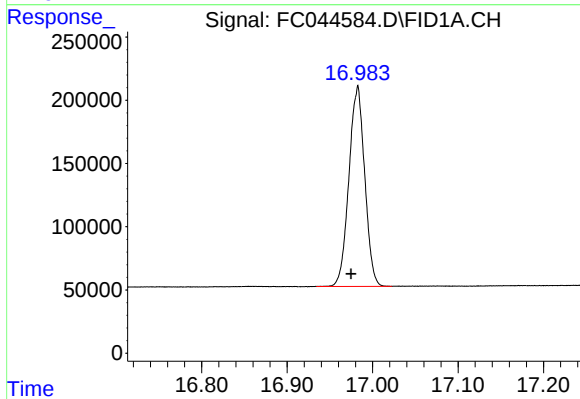
#15 n-Hexacosane (C26)

R.T.: 16.033 min

Delta R.T.: 0.009 min

Response: 2054580

Conc: 18.57 ug/ml



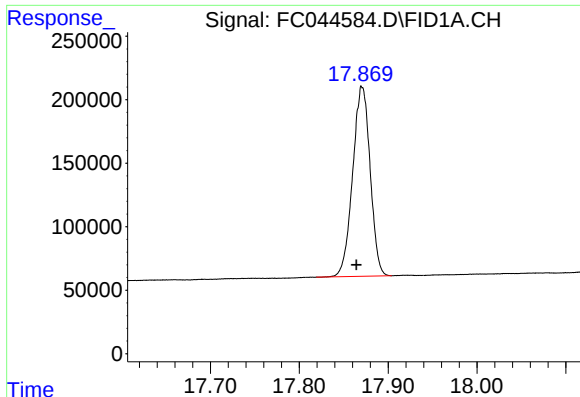
#16 n-Octacosane (C28)

R.T.: 16.983 min

Delta R.T.: 0.008 min

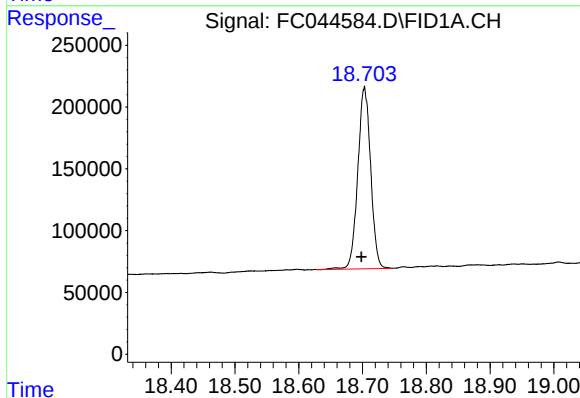
Response: 2032392

Conc: 18.76 ug/ml



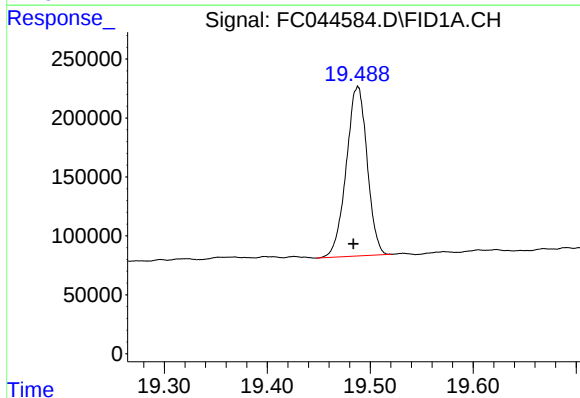
#17 n-Tricontane (C30)

R.T.: 17.871 min
Delta R.T.: 0.006 min
Response: 2042869
Conc: 19.30 ug/ml



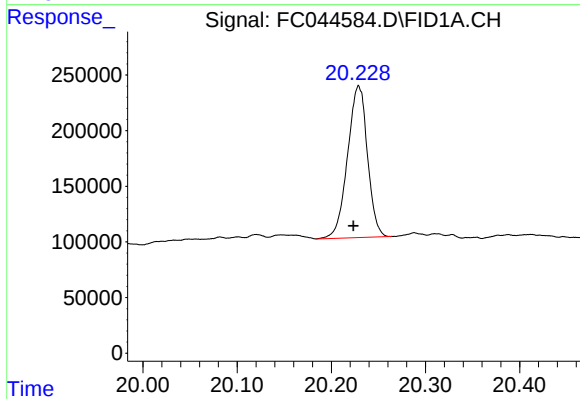
#18 n-Dotriacontane (C32)

R.T.: 18.703 min
Delta R.T.: 0.004 min
Response: 2057835
Conc: 20.43 ug/ml



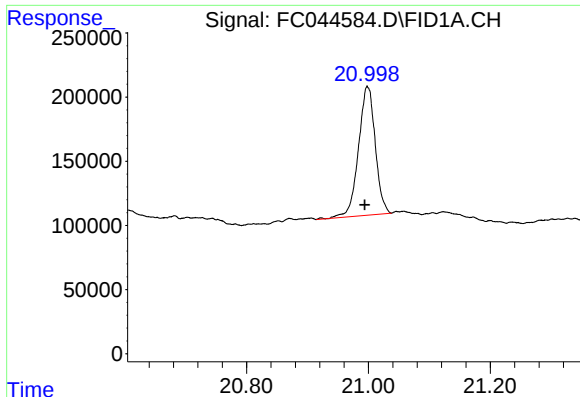
#19 n-Tetratriacontane (C34)

R.T.: 19.488 min
Delta R.T.: 0.004 min
Response: 2025587
Conc: 21.60 ug/ml



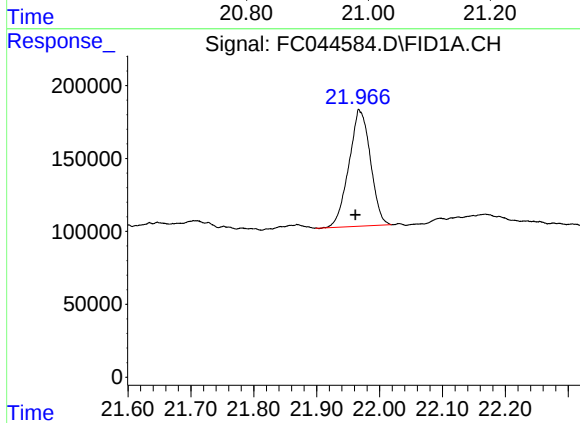
#20 n-Hexatriacontane (C36)

R.T.: 20.229 min
Delta R.T.: 0.006 min
Response: 1999253
Conc: 23.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.998 min
Delta R.T.: 0.004 min
Response: 1915873
Conc: 23.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: 0.006 min
Response: 1894331
Conc: 22.41 ug/ml