

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120419AL\
 Data File : FC044802.D
 Signal(s) : FID1A.CH
 Acq On : 04 Dec 2019 13:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 05 00:55:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 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)	11.759	2370450	20.803 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
12) S 1-chlorooctadecane (S...	13.185	1833767	20.708 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
Target Compounds			
1) T n-Nonane (C9)	3.502	2155862	21.206 ug/ml
2) T n-Decane (C10)	4.577	2180617	21.473 ug/ml
3) T A~Naphthalene (C11.7)	6.178	2445945	21.409 ug/ml
4) T n-Dodecane (C12)	6.598	2204763	21.671 ug/ml
5) T A~2-methylnaphthalene...	7.234	2463792	21.486 ug/ml
6) T n-Tetradecane (C14)	8.391	2213099	21.712 ug/ml
7) T n-Hexadecane (C16)	9.990	2223300	21.668 ug/ml
8) T n-Octadecane (C18)	11.431	2215401	21.396 ug/ml
10) T n-Eicosane (C20)	12.738	2187512	20.970 ug/ml
11) T n-Heneicosane (C21)	13.350	2182705	20.692 ug/ml
13) T n-Docosane (C22)	13.936	2152544	20.405 ug/ml
14) T n-Tetracosane (C24)	15.037	2112262	19.730 ug/ml
15) T n-Hexacosane (C26)	16.059	2056475	19.323 ug/ml
16) T n-Octacosane (C28)	17.008	2000080	19.056 ug/ml
17) T n-Tricontane (C30)	17.894	1895684	18.933 ug/ml
18) T n-Dotriacontane (C32)	18.727	1590525	19.103 ug/ml
19) T n-Tetratriacontane (C34)	19.508	1336157	19.475 ug/ml
20) T n-Hexatriacontane (C36)	20.248	1201944	20.137 ug/ml
21) T n-Octatriacontane (C38)	21.023	1091277	20.300 ug/ml
22) T n-Tetracontane (C40)	21.997	1115121	20.813 ug/ml

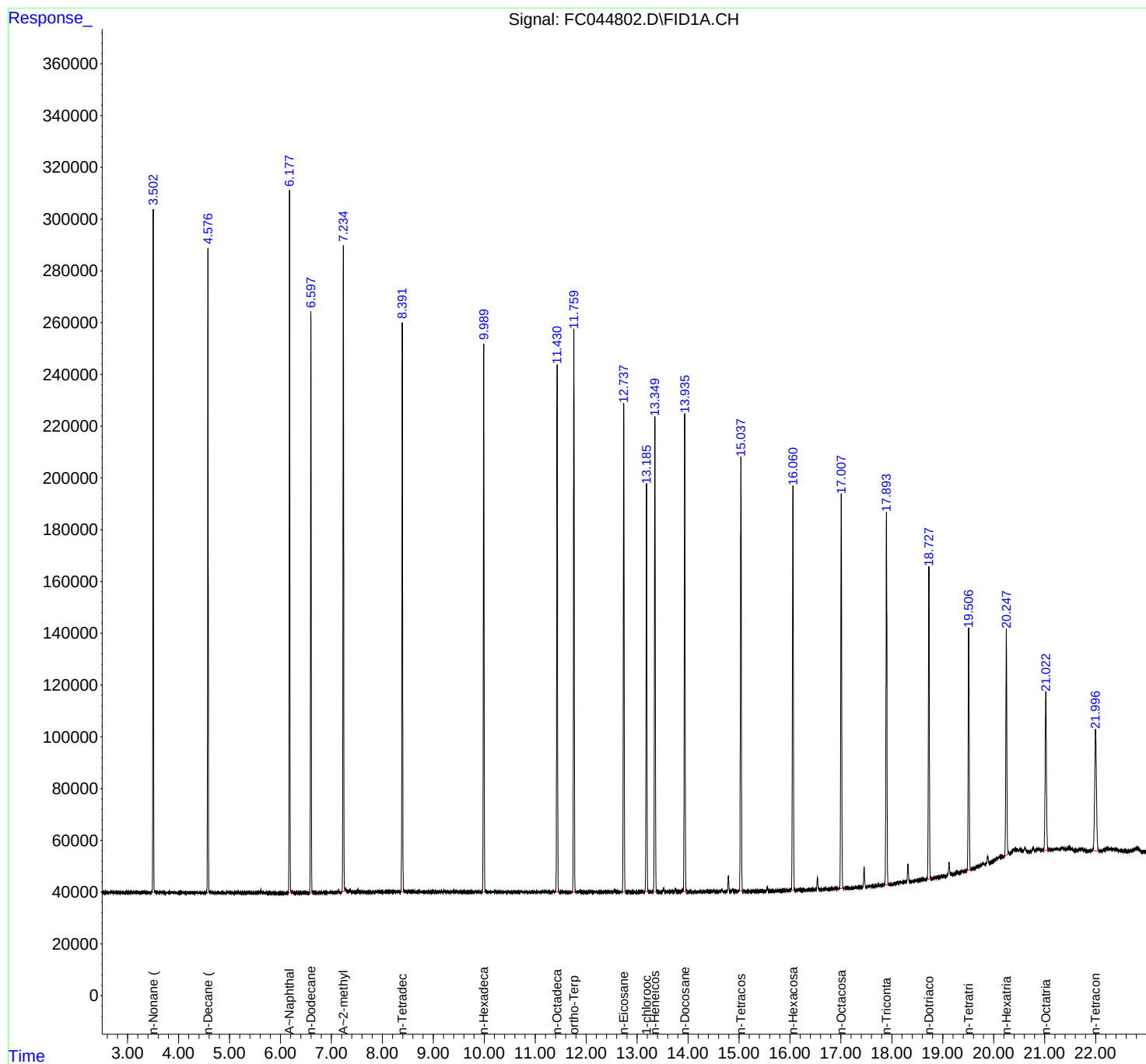
(f)=RT Delta > 1/2 Window

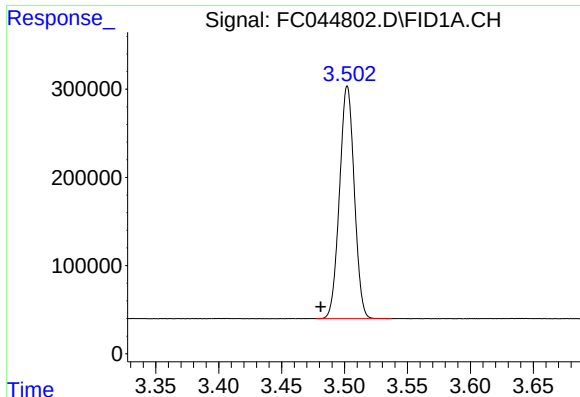
(m)=manual int.

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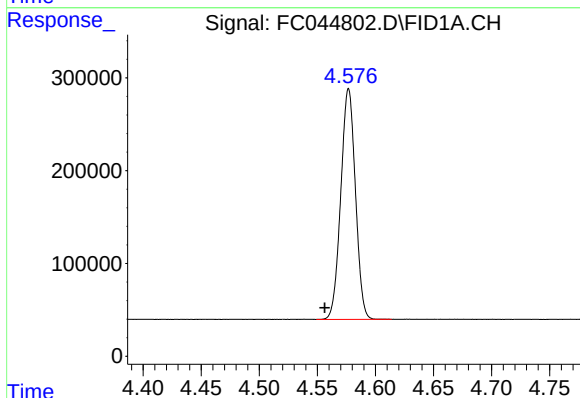
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Signal Info : 20M x 0.18mm x 0.18um





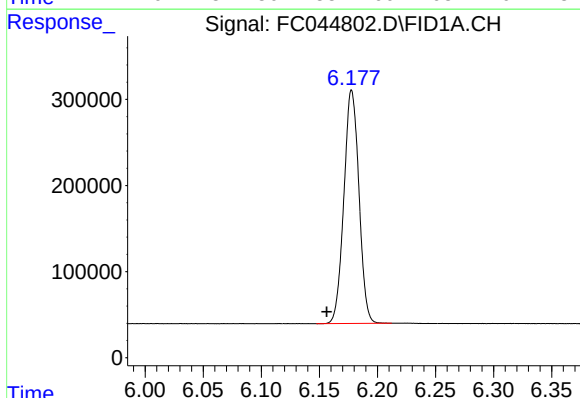
#1 n-Nonane (C9)

R.T.: 3.502 min
Delta R.T.: 0.021 min
Response: 2155862
Conc: 21.21 ug/ml



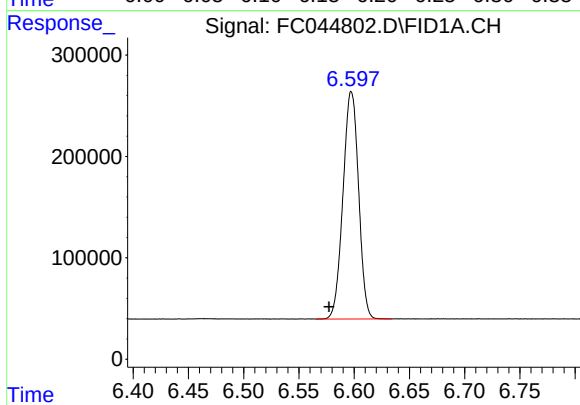
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: 0.021 min
Response: 2180617
Conc: 21.47 ug/ml



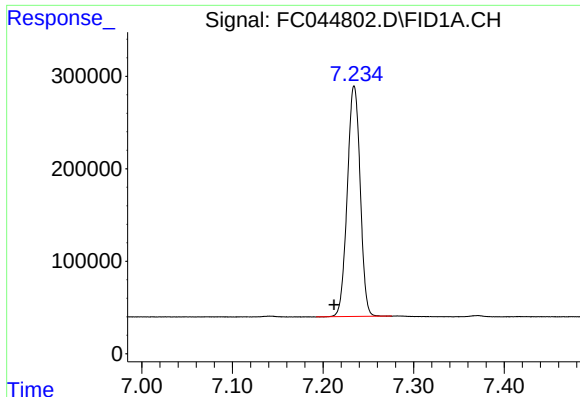
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: 0.021 min
Response: 2445945
Conc: 21.41 ug/ml



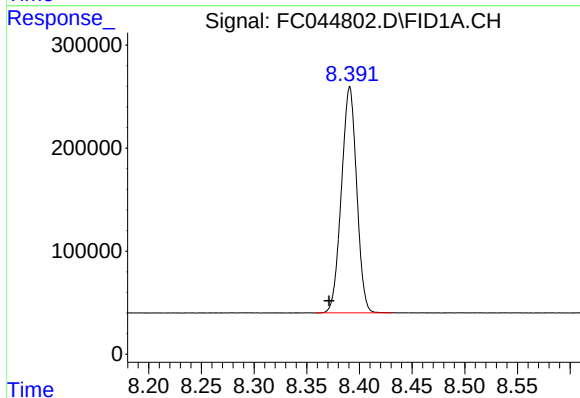
#4 n-Dodecane (C12)

R.T.: 6.598 min
Delta R.T.: 0.020 min
Response: 2204763
Conc: 21.67 ug/ml



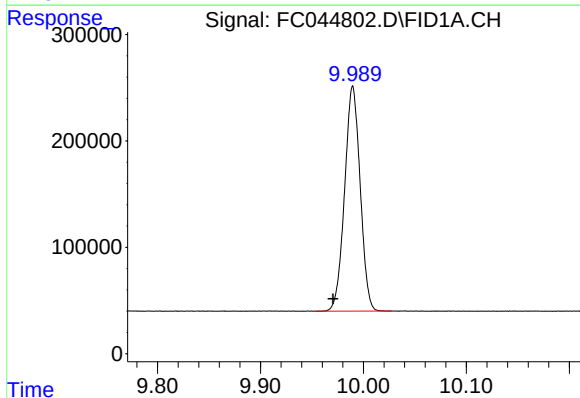
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.234 min
Delta R.T.: 0.022 min
Response: 2463792
Conc: 21.49 ug/ml



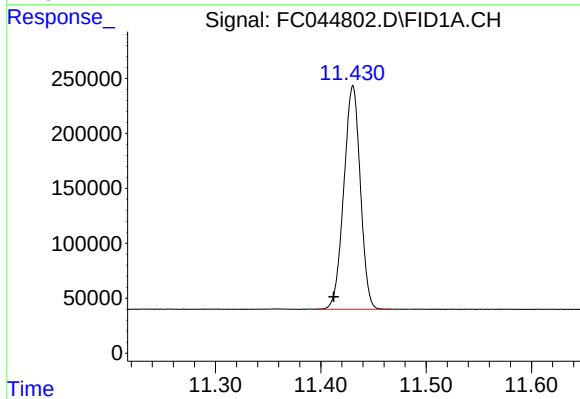
#6 n-Tetradecane (C14)

R.T.: 8.391 min
Delta R.T.: 0.020 min
Response: 2213099
Conc: 21.71 ug/ml



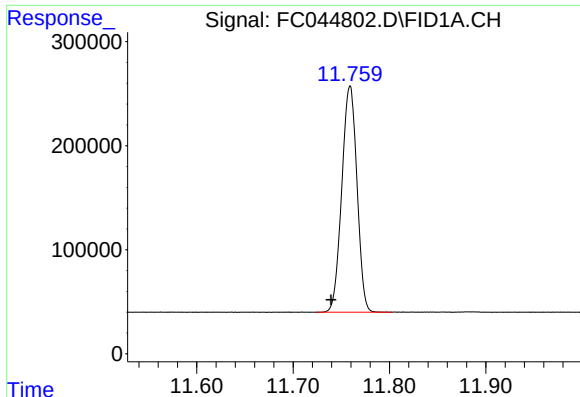
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.019 min
Response: 2223300
Conc: 21.67 ug/ml



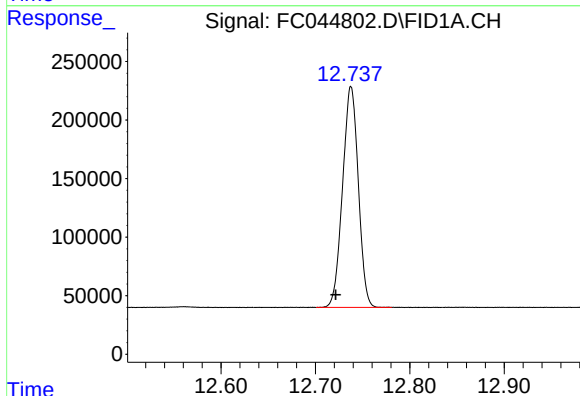
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: 0.018 min
Response: 2215401
Conc: 21.40 ug/ml



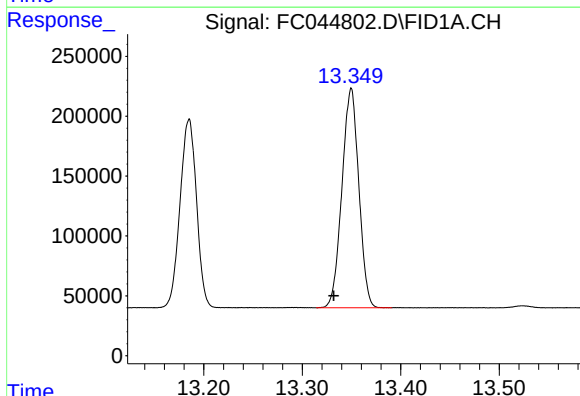
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min
Delta R.T.: 0.020 min
Response: 2370450
Conc: 20.80 ug/ml



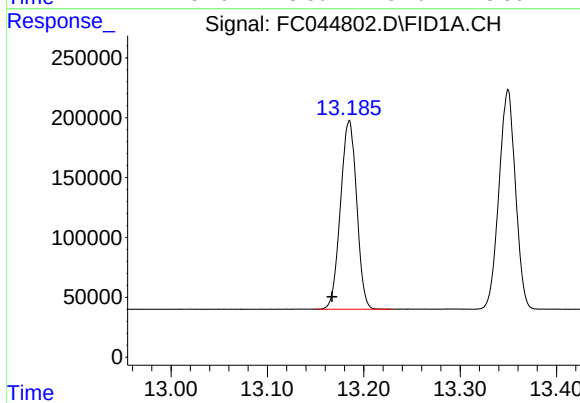
#10 n-Eicosane (C20)

R.T.: 12.738 min
Delta R.T.: 0.016 min
Response: 2187512
Conc: 20.97 ug/ml



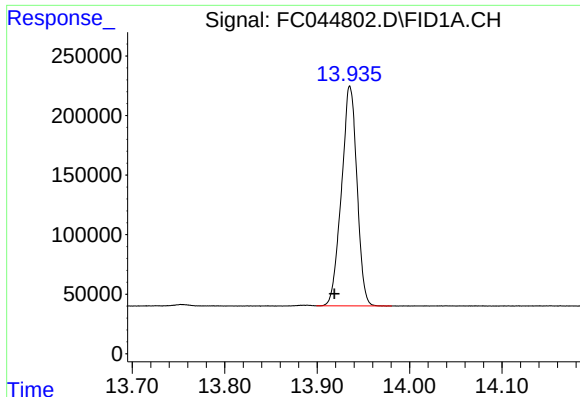
#11 n-Heneicosane (C21)

R.T.: 13.350 min
Delta R.T.: 0.018 min
Response: 2182705
Conc: 20.69 ug/ml



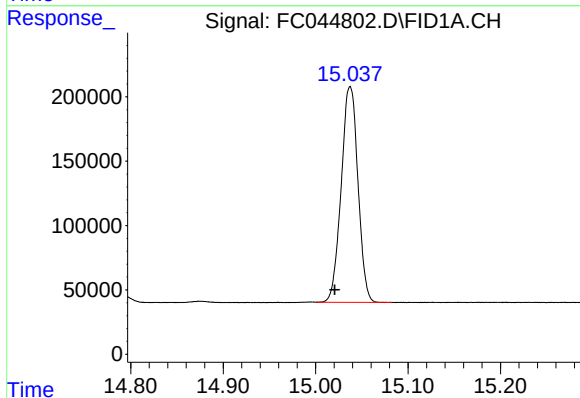
#12 1-chlorooctadecane (SURR)

R.T.: 13.185 min
Delta R.T.: 0.018 min
Response: 1833767
Conc: 20.71 ug/ml



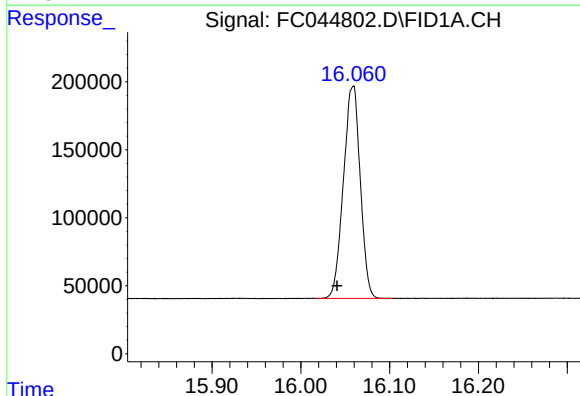
#13 n-Docosane (C22)

R.T.: 13.936 min
Delta R.T.: 0.017 min
Response: 2152544
Conc: 20.40 ug/ml



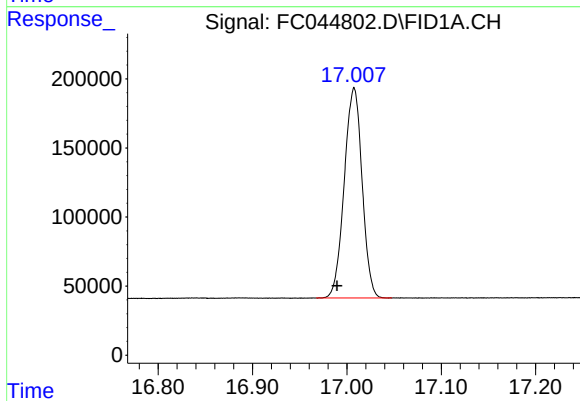
#14 n-Tetracosane (C24)

R.T.: 15.037 min
Delta R.T.: 0.017 min
Response: 2112262
Conc: 19.73 ug/ml



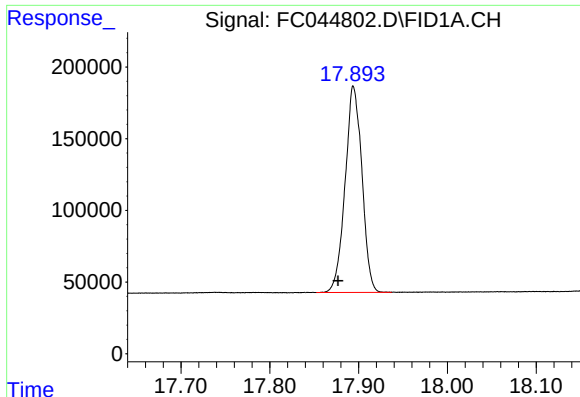
#15 n-Hexacosane (C26)

R.T.: 16.059 min
Delta R.T.: 0.018 min
Response: 2056475
Conc: 19.32 ug/ml



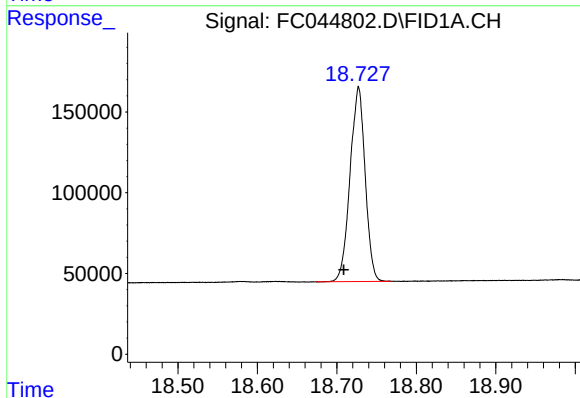
#16 n-Octacosane (C28)

R.T.: 17.008 min
Delta R.T.: 0.018 min
Response: 2000080
Conc: 19.06 ug/ml



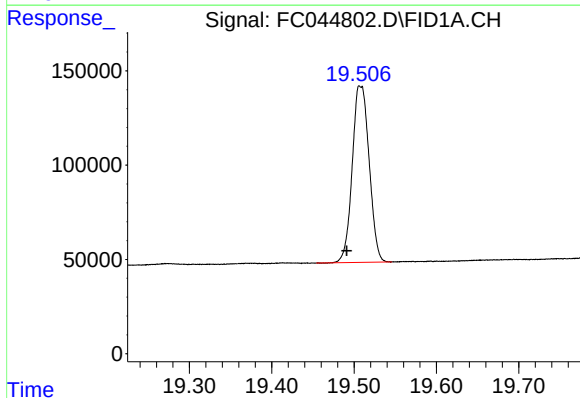
#17 n-Tricontane (C30)

R.T.: 17.894 min
Delta R.T.: 0.017 min
Response: 1895684
Conc: 18.93 ug/ml



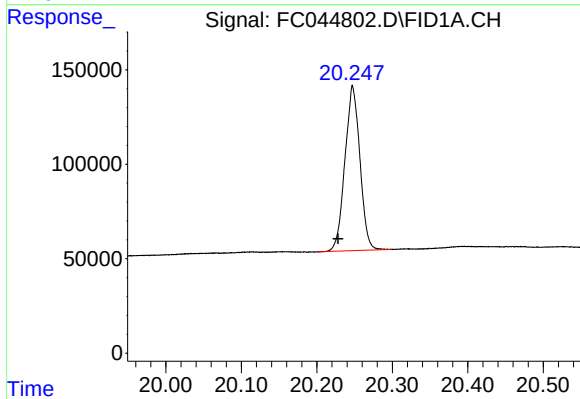
#18 n-Dotriacontane (C32)

R.T.: 18.727 min
Delta R.T.: 0.019 min
Response: 1590525
Conc: 19.10 ug/ml



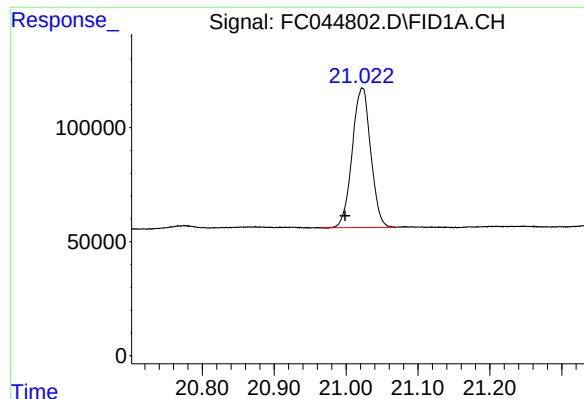
#19 n-Tetratriacontane (C34)

R.T.: 19.508 min
Delta R.T.: 0.016 min
Response: 1336157
Conc: 19.47 ug/ml



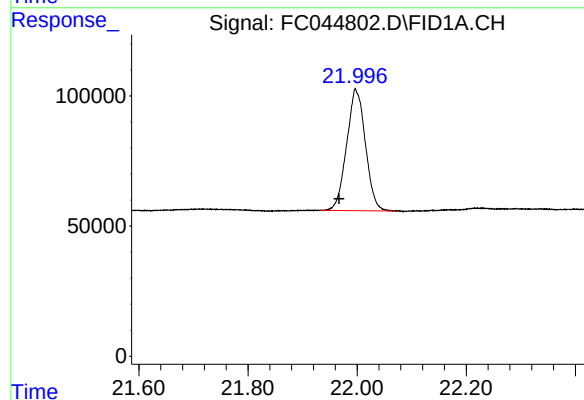
#20 n-Hexatriacontane (C36)

R.T.: 20.248 min
Delta R.T.: 0.019 min
Response: 1201944
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.023 min
Delta R.T.: 0.024 min
Response: 1091277
Conc: 20.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: 0.030 min
Response: 1115121
Conc: 20.81 ug/ml