

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010920AL\
 Data File : FC045244.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jan 2020 9:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 10 00:34:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 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	2244973	19.794 ug/ml
Spiked Amount 50.000		Recovery =	39.59%
12) S 1-chlorooctadecane (S...	13.180	1739330	19.507 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
Target Compounds			
1) T n-Nonane (C9)	3.513	2087721	20.733 ug/ml
2) T n-Decane (C10)	4.586	2117446	20.990 ug/ml
3) T A~Naphthalene (C11.7)	6.189	2355701	21.022 ug/ml
4) T n-Dodecane (C12)	6.604	2154323	21.165 ug/ml
5) T A~2-methylnaphthalene...	7.244	2373727	21.060 ug/ml
6) T n-Tetradecane (C14)	8.394	2169042	21.281 ug/ml
7) T n-Hexadecane (C16)	9.990	2176312	21.138 ug/ml
8) T n-Octadecane (C18)	11.428	2159307	20.763 ug/ml
10) T n-Eicosane (C20)	12.734	2112325	20.190 ug/ml
11) T n-Heneicosane (C21)	13.345	2084917	19.714 ug/ml
13) T n-Docosane (C22)	13.929	2067432	19.554 ug/ml
14) T n-Tetracosane (C24)	15.029	2040308	19.097 ug/ml
15) T n-Hexacosane (C26)	16.047	2036728	19.097 ug/ml
16) T n-Octacosane (C28)	16.994	2030565	19.227 ug/ml
17) T n-Tricontane (C30)	17.880	1947902	19.109 ug/ml
18) T n-Dotriacontane (C32)	18.709	1658897	19.176 ug/ml
19) T n-Tetratriacontane (C34)	19.491	1370042	18.702 ug/ml
20) T n-Hexatriacontane (C36)	20.228	1231390	18.738 ug/ml
21) T n-Octatriacontane (C38)	20.996	1143082	19.354 ug/ml
22) T n-Tetracontane (C40)	21.964	1141958	19.309 ug/ml

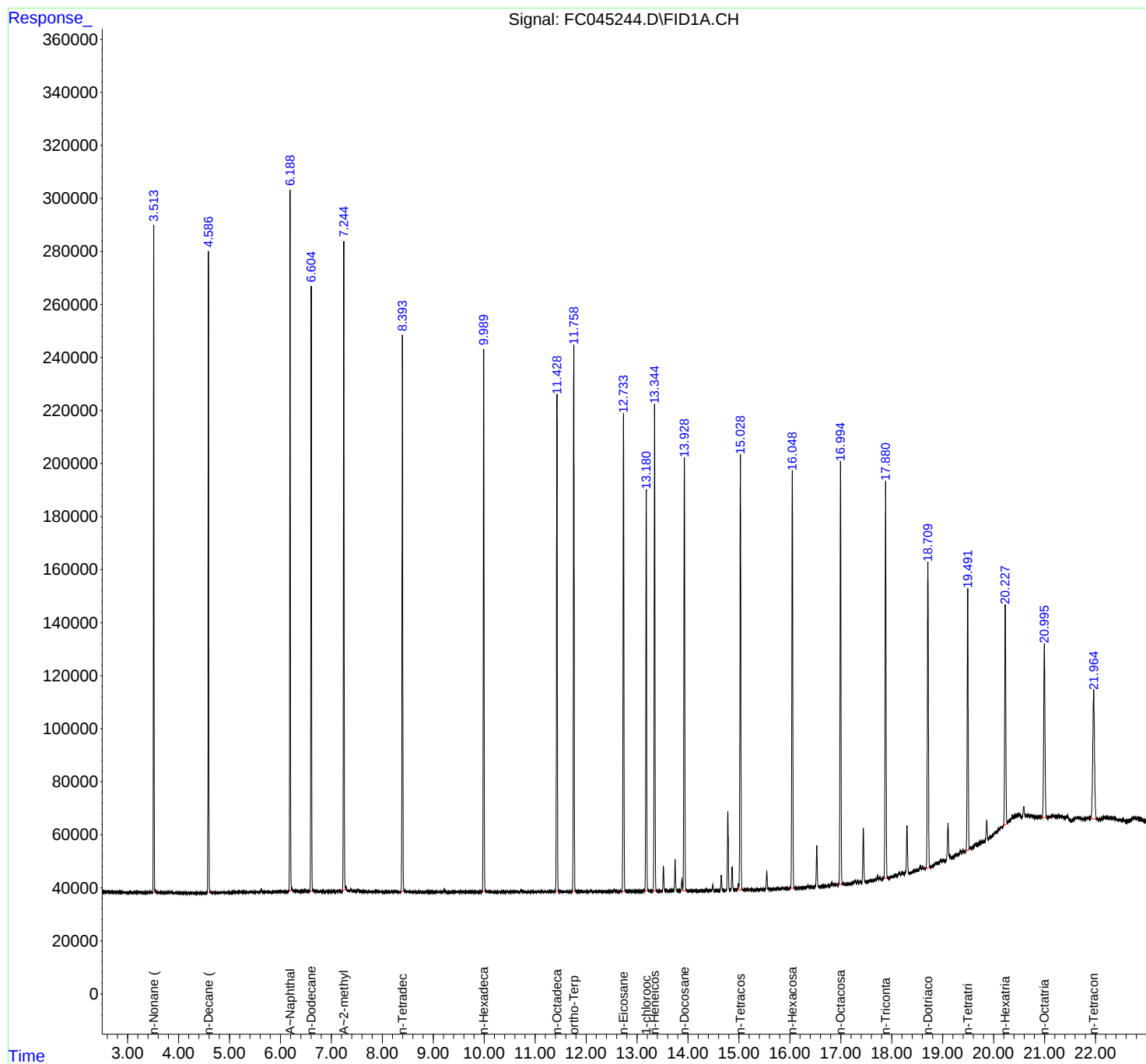
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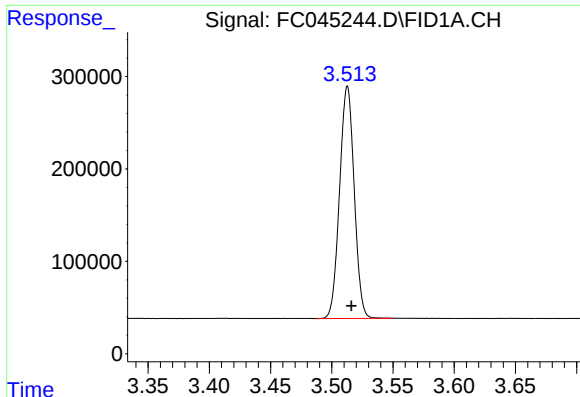
(m)=manual int.

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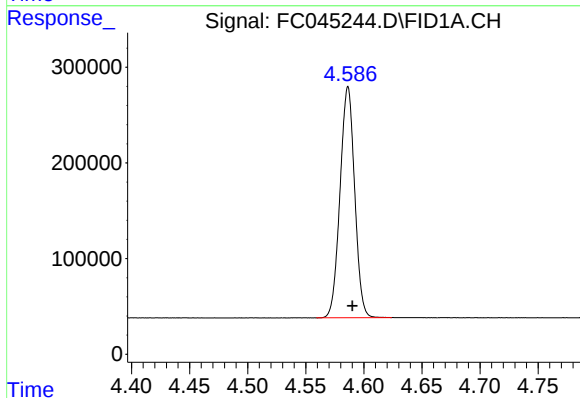
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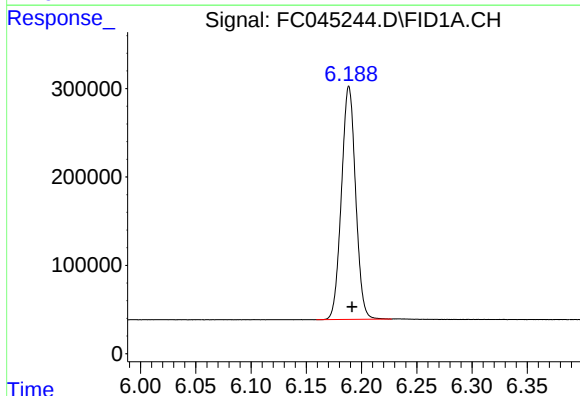
#1 n-Nonane (C9)

R.T.: 3.513 min
Delta R.T.: -0.003 min
Response: 2087721
Conc: 20.73 ug/ml



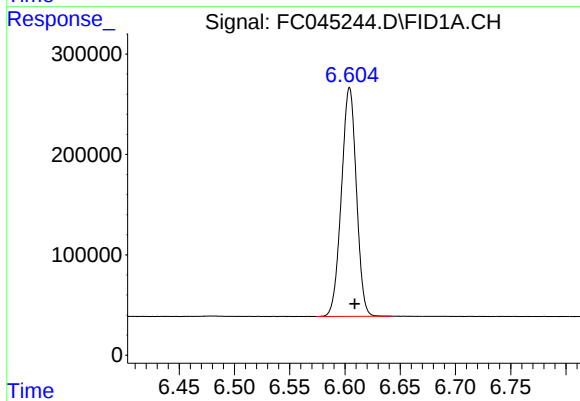
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.004 min
Response: 2117446
Conc: 20.99 ug/ml



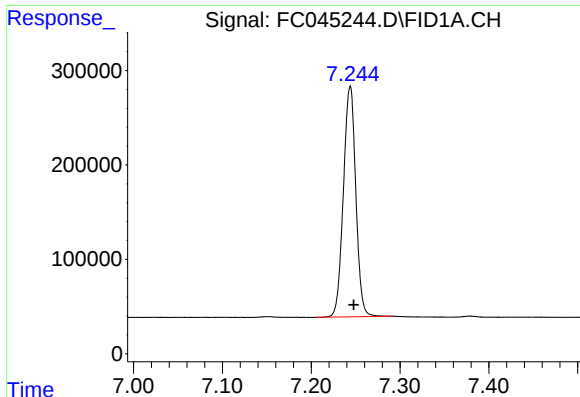
#3 A~Naphthalene (C11.7)

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 2355701
Conc: 21.02 ug/ml



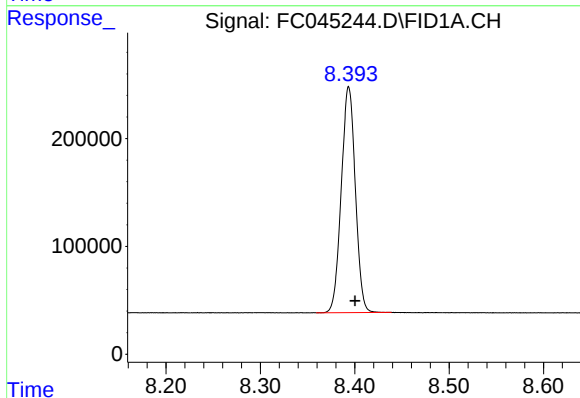
#4 n-Dodecane (C12)

R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 2154323
Conc: 21.17 ug/ml



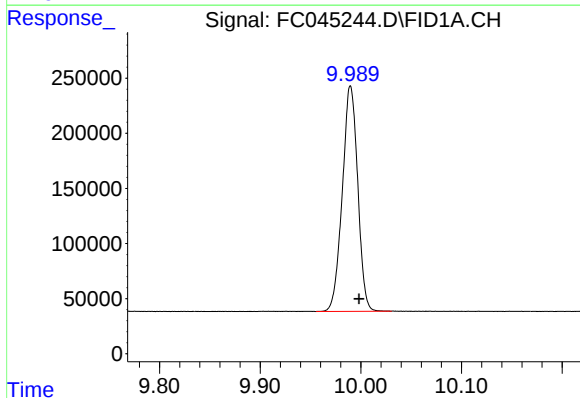
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.244 min
Delta R.T.: -0.004 min
Response: 2373727
Conc: 21.06 ug/ml



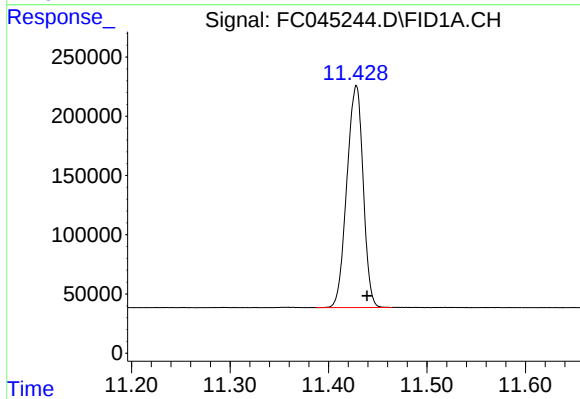
#6 n-Tetradecane (C14)

R.T.: 8.394 min
Delta R.T.: -0.007 min
Response: 2169042
Conc: 21.28 ug/ml



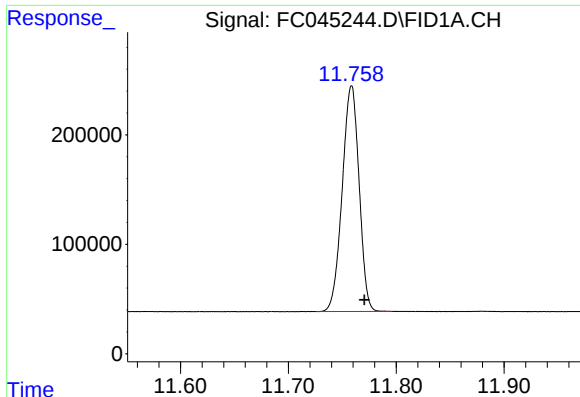
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: -0.009 min
Response: 2176312
Conc: 21.14 ug/ml



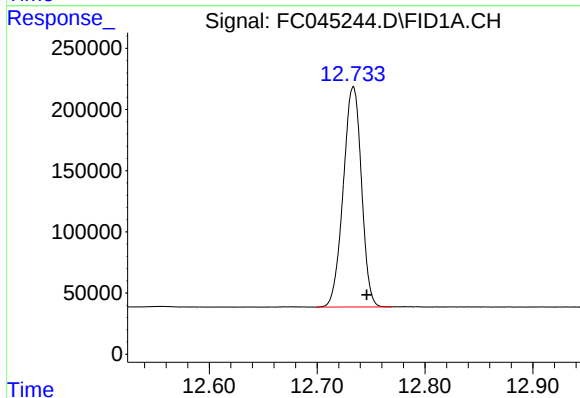
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: -0.011 min
Response: 2159307
Conc: 20.76 ug/ml



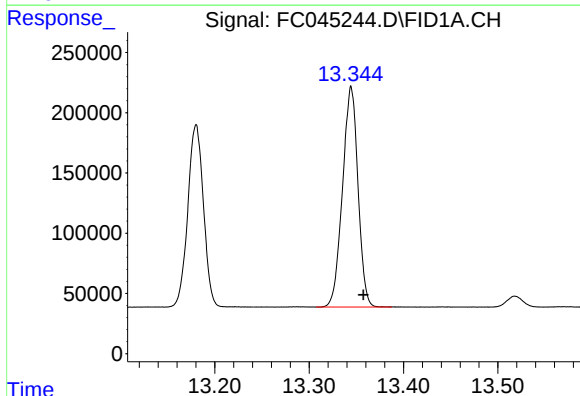
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min
Delta R.T.: -0.012 min
Response: 2244973
Conc: 19.79 ug/ml



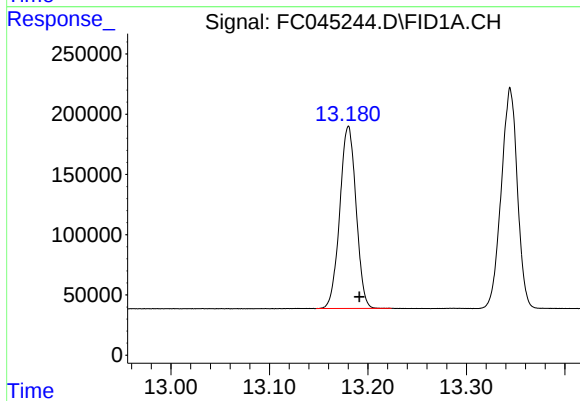
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.012 min
Response: 2112325
Conc: 20.19 ug/ml



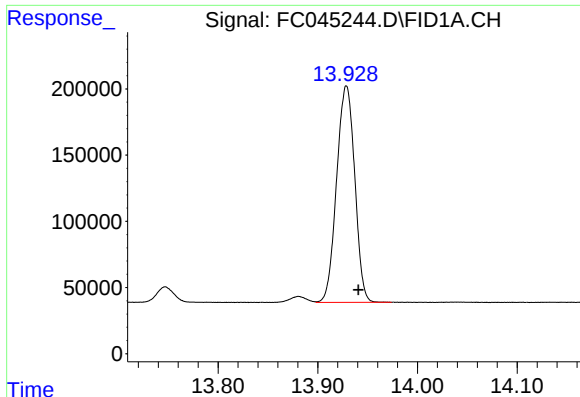
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: -0.013 min
Response: 2084917
Conc: 19.71 ug/ml



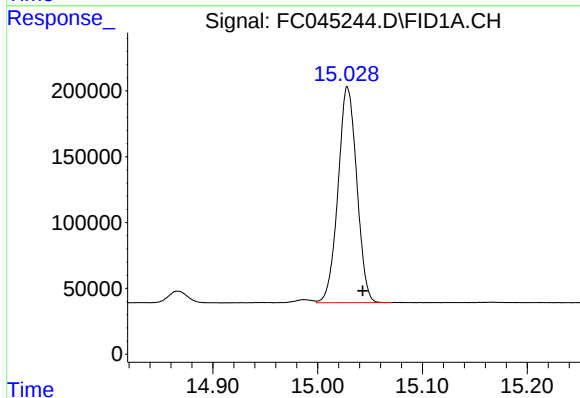
#12 1-chlorooctadecane (SURR)

R.T.: 13.180 min
Delta R.T.: -0.011 min
Response: 1739330
Conc: 19.51 ug/ml



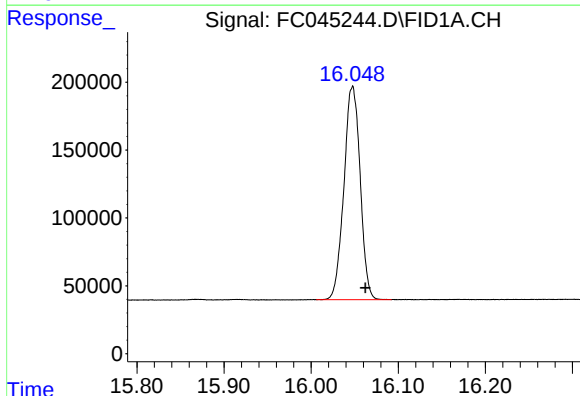
#13 n-Docosane (C22)

R.T.: 13.929 min
Delta R.T.: -0.012 min
Response: 2067432
Conc: 19.55 ug/ml



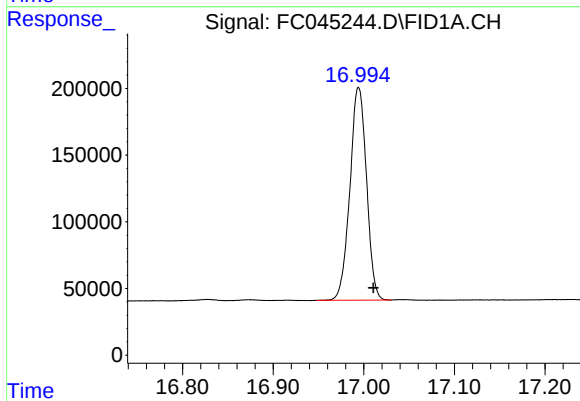
#14 n-Tetracosane (C24)

R.T.: 15.029 min
Delta R.T.: -0.015 min
Response: 2040308
Conc: 19.10 ug/ml



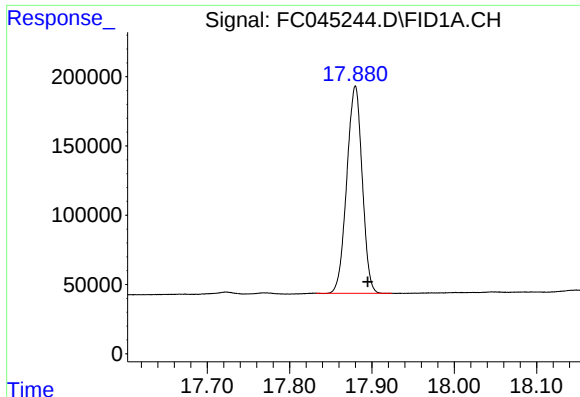
#15 n-Hexacosane (C26)

R.T.: 16.047 min
Delta R.T.: -0.015 min
Response: 2036728
Conc: 19.10 ug/ml



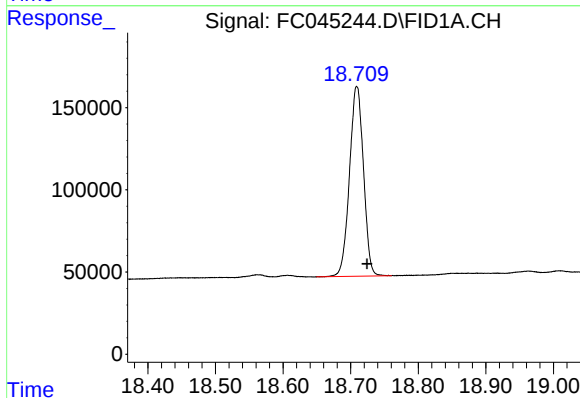
#16 n-Octacosane (C28)

R.T.: 16.994 min
Delta R.T.: -0.016 min
Response: 2030565
Conc: 19.23 ug/ml



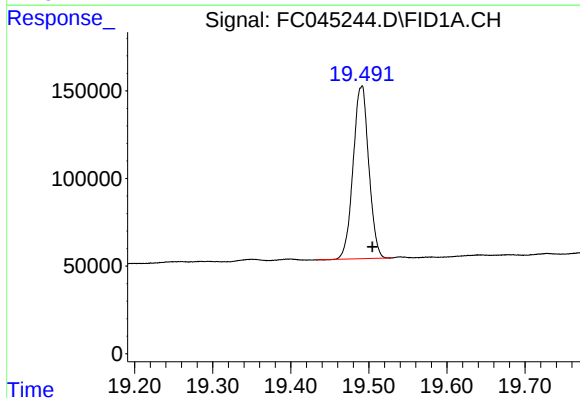
#17 n-Tricontane (C30)

R.T.: 17.880 min
Delta R.T.: -0.015 min
Response: 1947902
Conc: 19.11 ug/ml



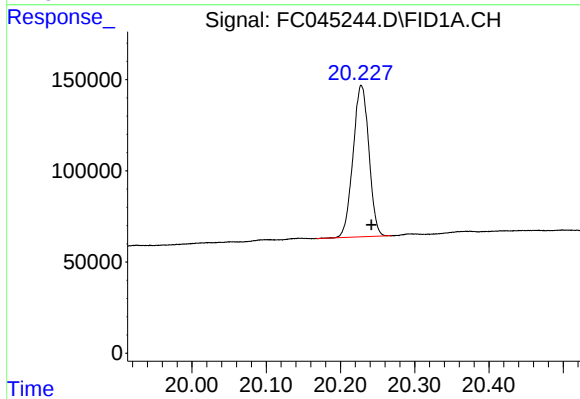
#18 n-Dotriacontane (C32)

R.T.: 18.709 min
Delta R.T.: -0.015 min
Response: 1658897
Conc: 19.18 ug/ml



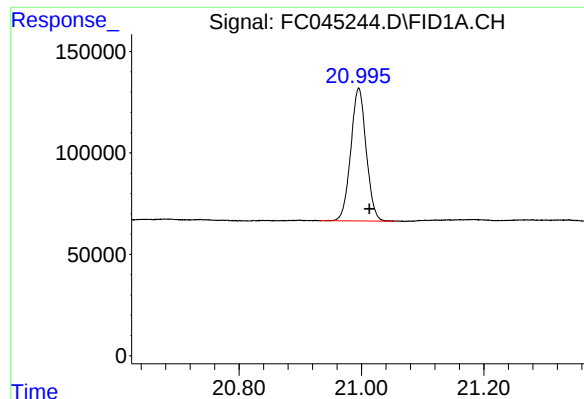
#19 n-Tetratriacontane (C34)

R.T.: 19.491 min
Delta R.T.: -0.014 min
Response: 1370042
Conc: 18.70 ug/ml



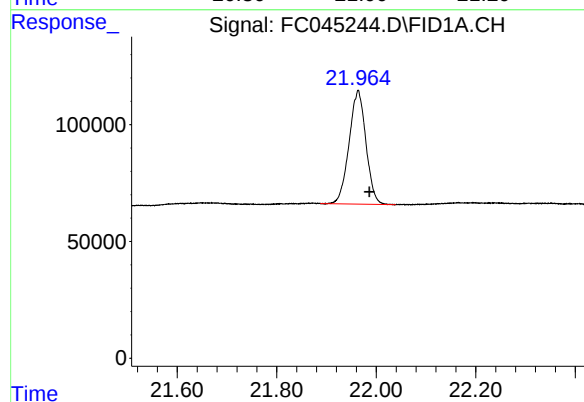
#20 n-Hexatriacontane (C36)

R.T.: 20.228 min
Delta R.T.: -0.014 min
Response: 1231390
Conc: 18.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: -0.017 min
Response: 1143082
Conc: 19.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.023 min
Response: 1141958
Conc: 19.31 ug/ml