

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042022AL\
 Data File : FC059316.D
 Signal(s) : FID1A.CH
 Acq On : 20 Apr 2022 11:25
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 21 01:39:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.100	2859650	19.847 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
12) S 1-chlorooctadecane (S...	12.548	2226532	19.863 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	2.960	2576164	21.022 ug/ml
2) T n-Decane (C10)	4.003	2601693	21.231 ug/ml
3) T A~Naphthalene (C11.7)	5.553	2629907	20.946 ug/ml
4) T n-Dodecane (C12)	6.001	2688366	21.048 ug/ml
5) T A~2-methylnaphthalene...	6.601	2617617	20.419 ug/ml
6) T n-Tetradecane (C14)	7.785	2696822	20.741 ug/ml
7) T n-Hexadecane (C16)	9.375	2706514	20.382 ug/ml
8) T n-Octadecane (C18)	10.809	2680080	20.158 ug/ml
10) T n-Eicosane (C20)	12.111	2614060	19.951 ug/ml
11) T n-Heneicosane (C21)	12.720	2607067	19.981 ug/ml
13) T n-Docosane (C22)	13.303	2590726	19.999 ug/ml
14) T n-Tetracosane (C24)	14.401	2555064	20.226 ug/ml
15) T n-Hexacosane (C26)	15.418	2504050	20.730 ug/ml
16) T n-Octacosane (C28)	16.363	2557600	21.599 ug/ml
17) T n-Tricontane (C30)	17.248	2630009	23.055 ug/ml
18) T n-Dotriacontane (C32)	18.077	2559801	23.894 ug/ml
19) T n-Tetratriacontane (C34)	18.858	2380872	23.564 ug/ml
20) T n-Hexatriacontane (C36)	19.595	2172389	22.736 ug/ml
21) T n-Octatriacontane (C38)	20.293	2030094	22.062 ug/ml
22) T n-Tetracontane (C40)	21.036	1995554	21.472 ug/ml

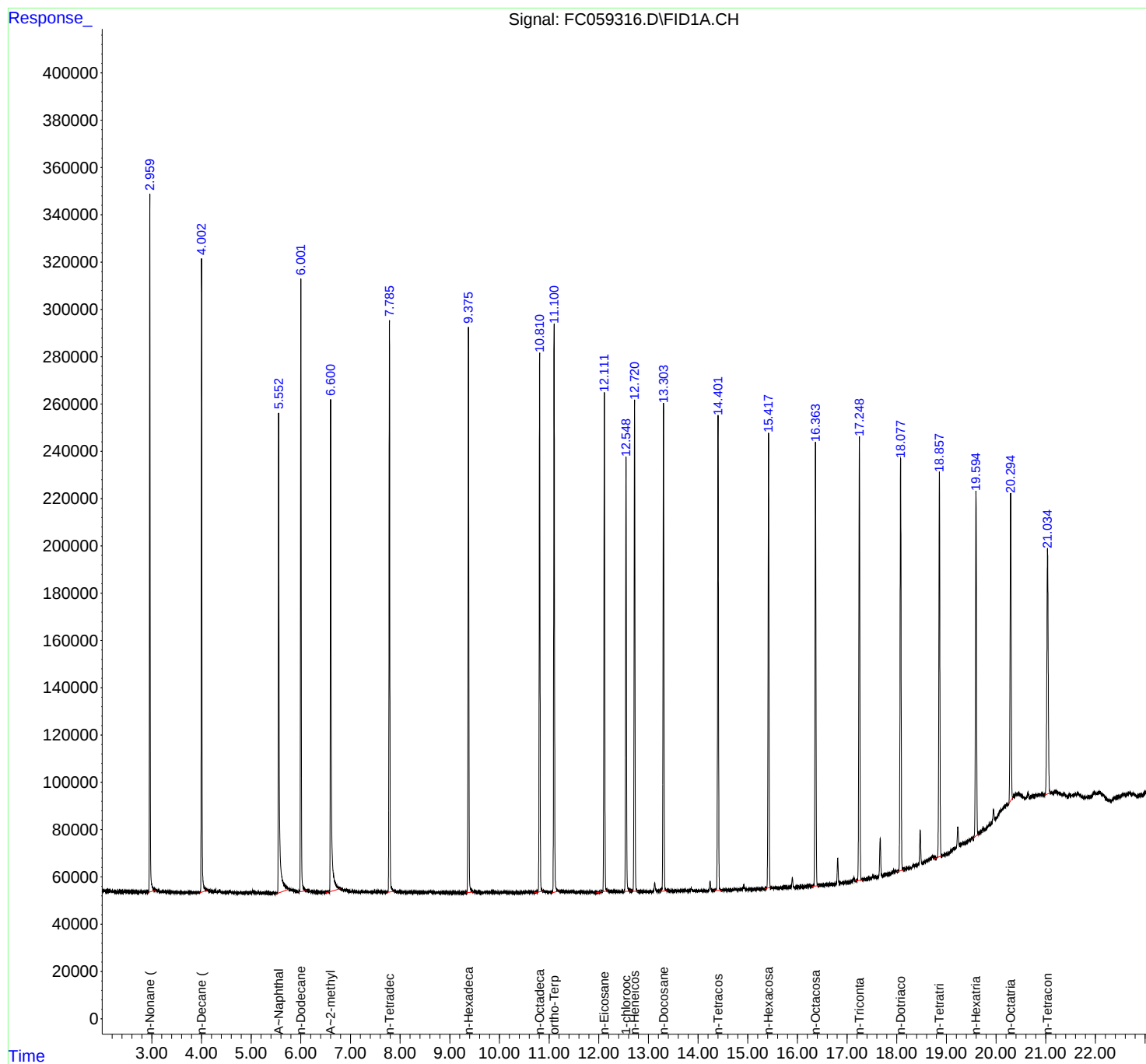
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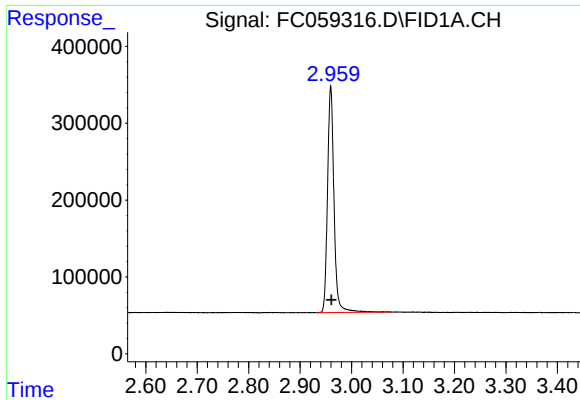
(m)=manual int.

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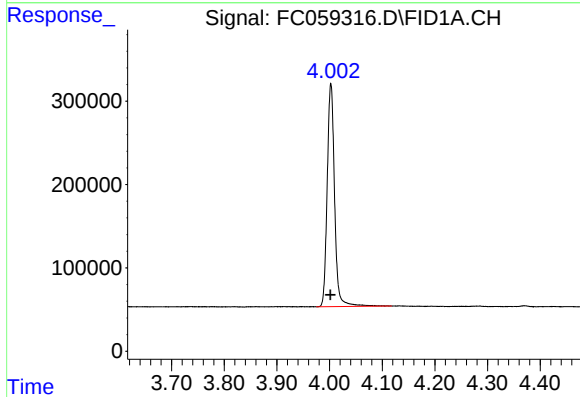
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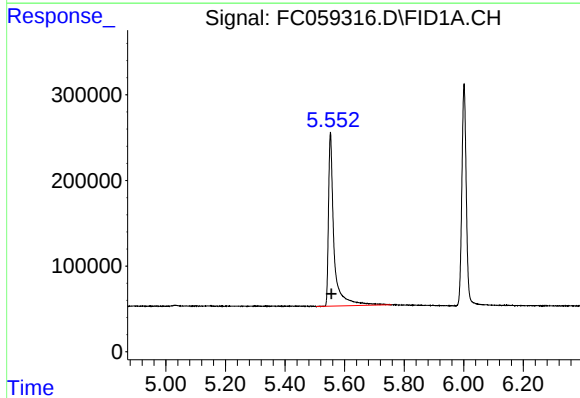
#1 n-Nonane (C9)

R.T.: 2.960 min
Delta R.T.: -0.001 min
Response: 2576164
Conc: 21.02 ug/ml



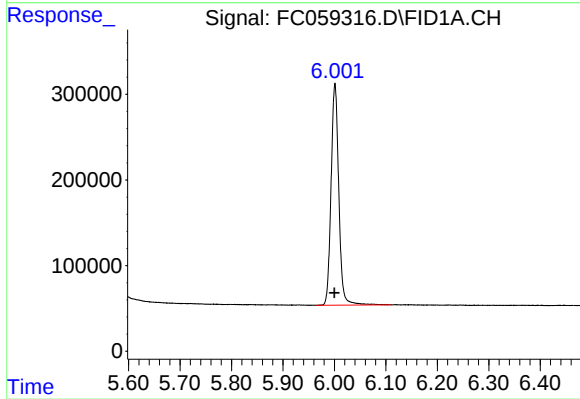
#2 n-Decane (C10)

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 2601693
Conc: 21.23 ug/ml



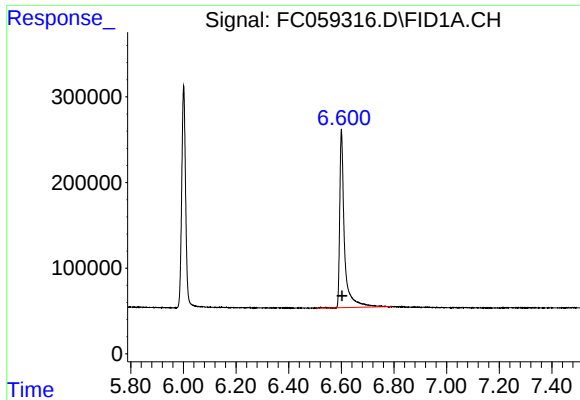
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 2629907
Conc: 20.95 ug/ml



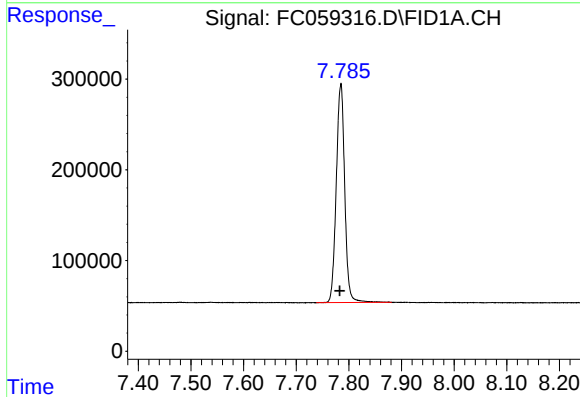
#4 n-Dodecane (C12)

R.T.: 6.001 min
Delta R.T.: 0.001 min
Response: 2688366
Conc: 21.05 ug/ml



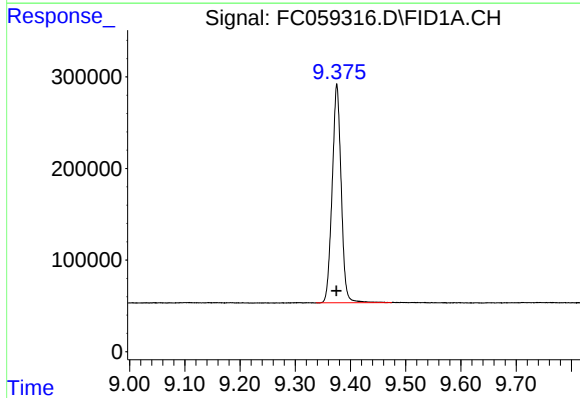
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 2617617
Conc: 20.42 ug/ml



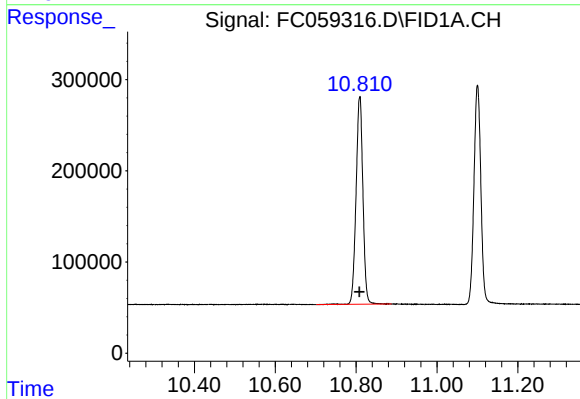
#6 n-Tetradecane (C14)

R.T.: 7.785 min
Delta R.T.: 0.002 min
Response: 2696822
Conc: 20.74 ug/ml



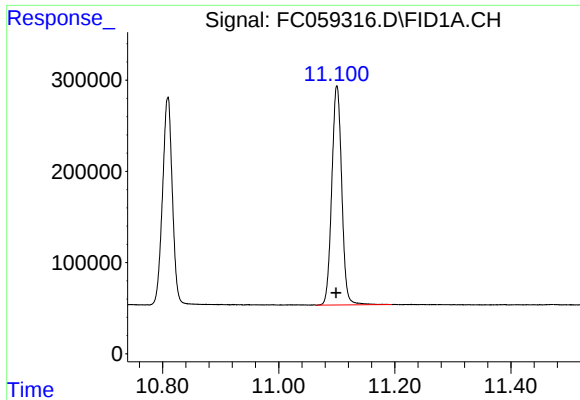
#7 n-Hexadecane (C16)

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 2706514
Conc: 20.38 ug/ml



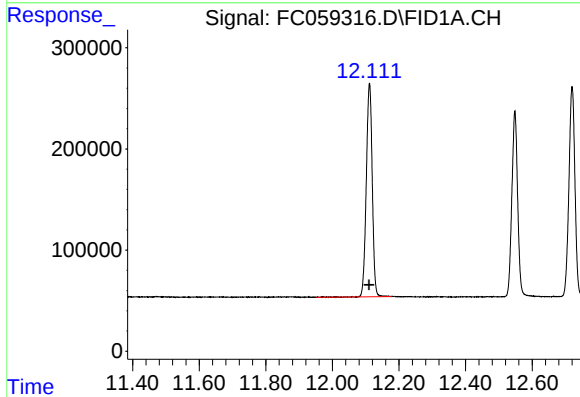
#8 n-Octadecane (C18)

R.T.: 10.809 min
Delta R.T.: 0.000 min
Response: 2680080
Conc: 20.16 ug/ml



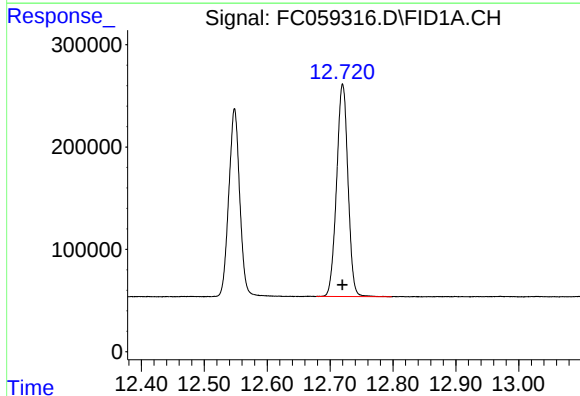
#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min
Delta R.T.: 0.002 min
Response: 2859650
Conc: 19.85 ug/ml



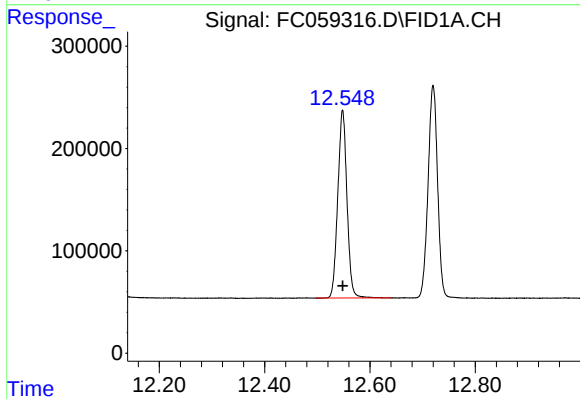
#10 n-Eicosane (C20)

R.T.: 12.111 min
Delta R.T.: 0.000 min
Response: 2614060
Conc: 19.95 ug/ml



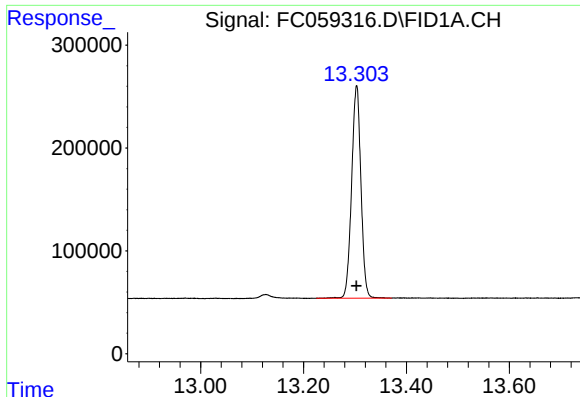
#11 n-Heneicosane (C21)

R.T.: 12.720 min
Delta R.T.: 0.000 min
Response: 2607067
Conc: 19.98 ug/ml



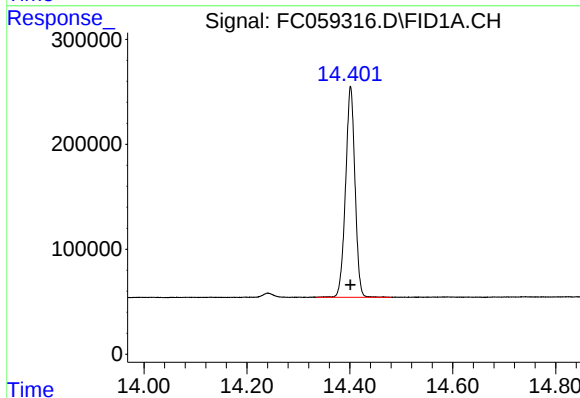
#12 1-chlorooctadecane (SURR)

R.T.: 12.548 min
Delta R.T.: 0.000 min
Response: 2226532
Conc: 19.86 ug/ml



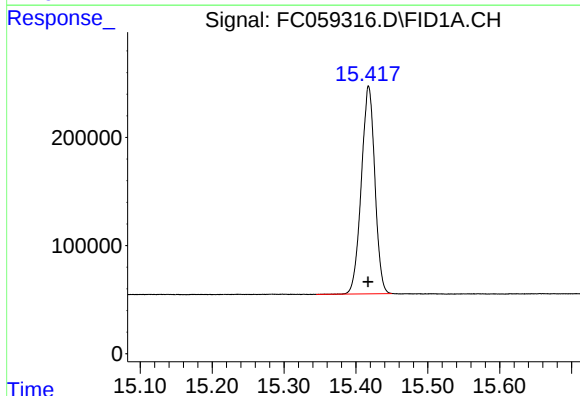
#13 n-Docosane (C22)

R.T.: 13.303 min
Delta R.T.: 0.000 min
Response: 2590726
Conc: 20.00 ug/ml



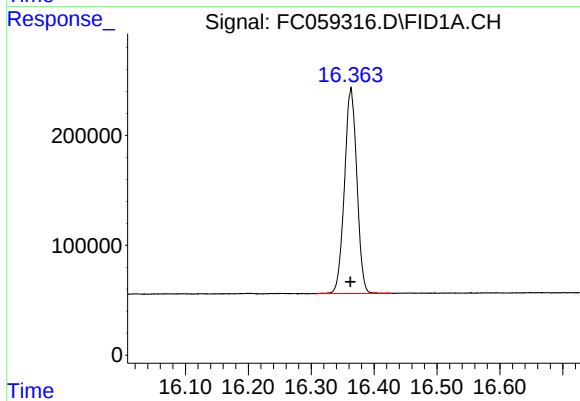
#14 n-Tetracosane (C24)

R.T.: 14.401 min
Delta R.T.: 0.000 min
Response: 2555064
Conc: 20.23 ug/ml



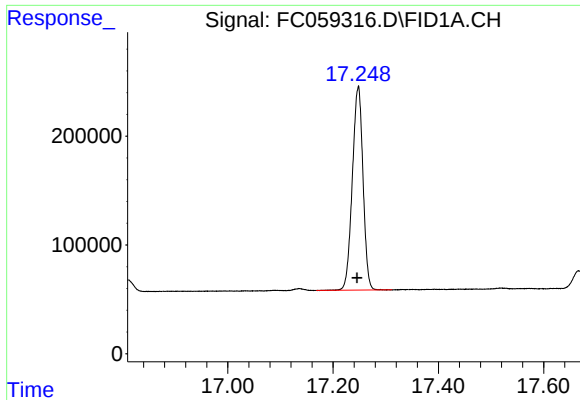
#15 n-Hexacosane (C26)

R.T.: 15.418 min
Delta R.T.: 0.000 min
Response: 2504050
Conc: 20.73 ug/ml



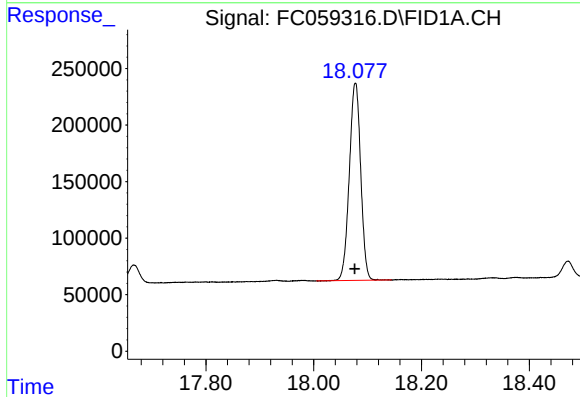
#16 n-Octacosane (C28)

R.T.: 16.363 min
Delta R.T.: 0.000 min
Response: 2557600
Conc: 21.60 ug/ml



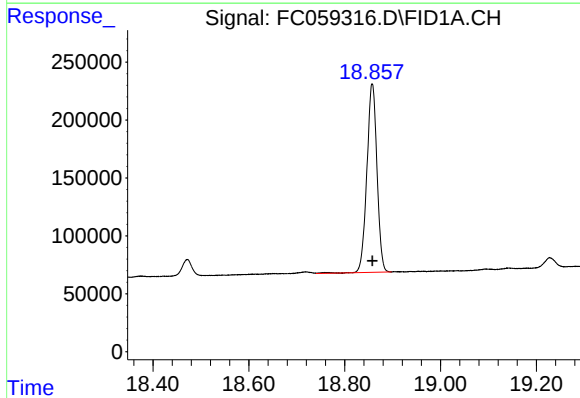
#17 n-Tricontane (C30)

R.T.: 17.248 min
Delta R.T.: 0.002 min
Response: 2630009
Conc: 23.05 ug/ml



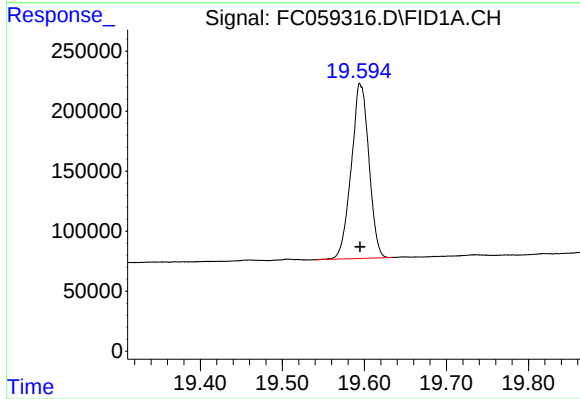
#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2559801
Conc: 23.89 ug/ml



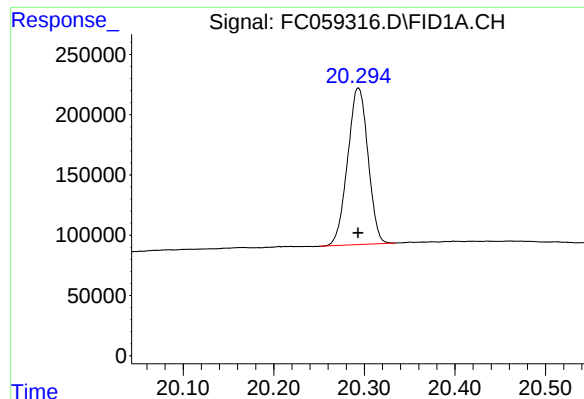
#19 n-Tetratriacontane (C34)

R.T.: 18.858 min
Delta R.T.: 0.000 min
Response: 2380872
Conc: 23.56 ug/ml



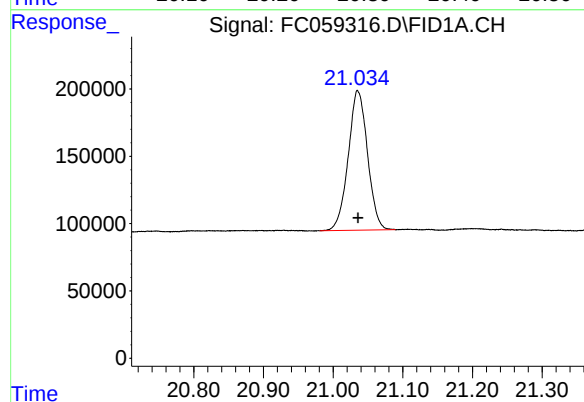
#20 n-Hexatriacontane (C36)

R.T.: 19.595 min
Delta R.T.: 0.000 min
Response: 2172389
Conc: 22.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 2030094
Conc: 22.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: 0.000 min
Response: 1995554
Conc: 21.47 ug/ml