

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042922AL\
 Data File : FC059560.D
 Signal(s) : FID1A.CH
 Acq On : 30 Apr 2022 3:17
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 30 03:58:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.093	3126029	19.454 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	12.539	2448857	18.753 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	2.958	2675056	21.344 ug/ml
2) T n-Decane (C10)	3.998	2710574	21.696 ug/ml
3) T A~Naphthalene (C11.7)	5.548	2834711	23.109 ug/ml
4) T n-Dodecane (C12)	5.995	2868078	21.750 ug/ml
5) T A~2-methylnaphthalene...	6.596	2836492	22.475 ug/ml
6) T n-Tetradecane (C14)	7.777	2909225	21.508 ug/ml
7) T n-Hexadecane (C16)	9.367	2950905	21.011 ug/ml
8) T n-Octadecane (C18)	10.801	2961711	20.275 ug/ml
10) T n-Eicosane (C20)	12.102	2894237	19.299 ug/ml
11) T n-Heneicosane (C21)	12.710	2849437	18.733 ug/ml
13) T n-Docosane (C22)	13.294	2841206	18.543 ug/ml
14) T n-Tetracosane (C24)	14.391	2740612	17.699 ug/ml
15) T n-Hexacosane (C26)	15.406	2609411	16.931 ug/ml
16) T n-Octacosane (C28)	16.352	2581877	16.678 ug/ml
17) T n-Tricontane (C30)	17.236	2557206	16.836 ug/ml
18) T n-Dotriacontane (C32)	18.064	2431624	17.258 ug/ml
19) T n-Tetratriacontane (C34)	18.845	2214605	17.522 ug/ml
20) T n-Hexatriacontane (C36)	19.582	1972617	18.035 ug/ml
21) T n-Octatriacontane (C38)	20.280	1730811	18.585 ug/ml
22) T n-Tetracontane (C40)	21.019	1683526	20.155 ug/ml

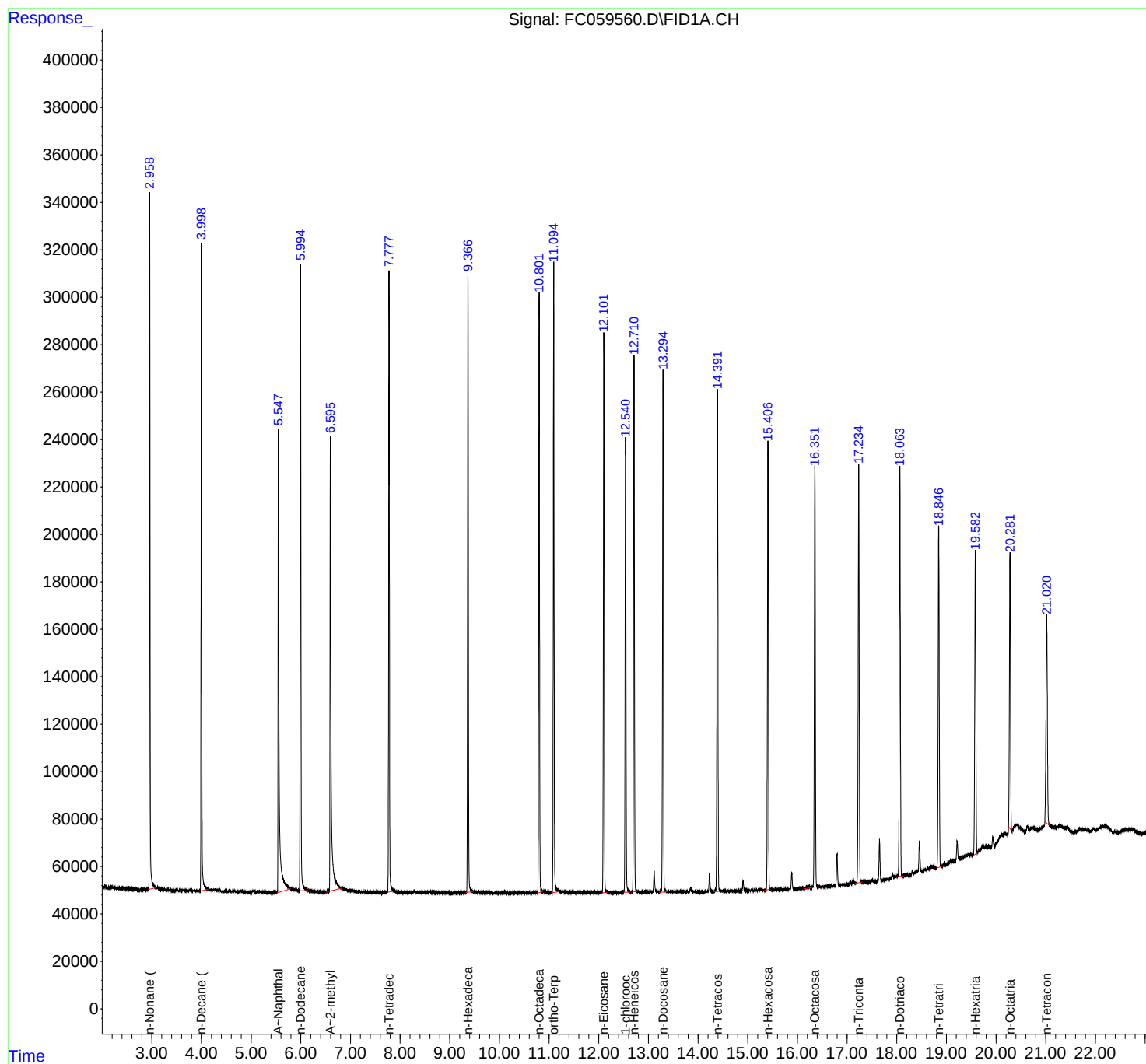
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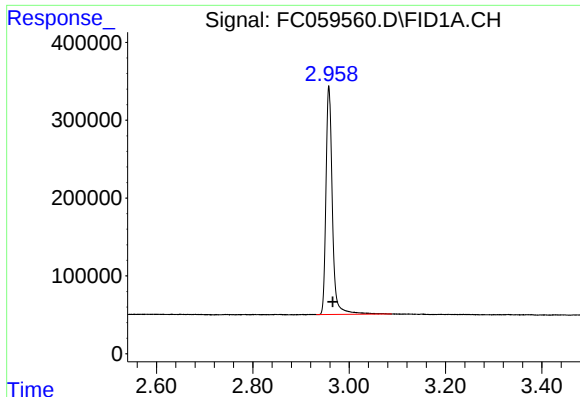
(m)=manual int.

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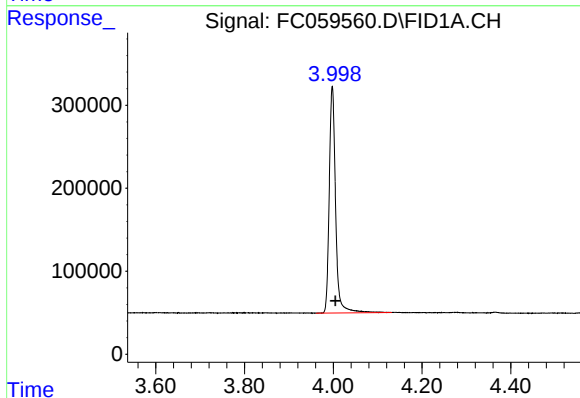
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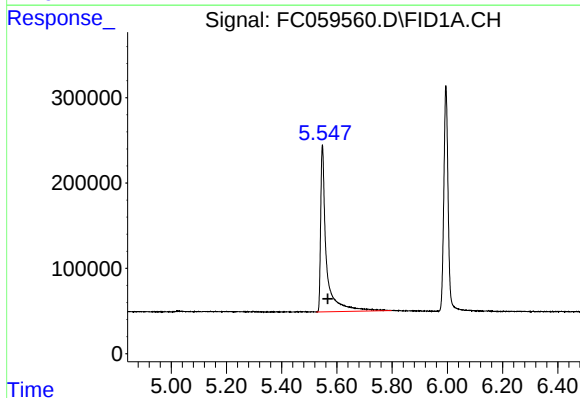
#1 n-Nonane (C9)

R.T.: 2.958 min
Delta R.T.: -0.008 min
Response: 2675056
Conc: 21.34 ug/ml



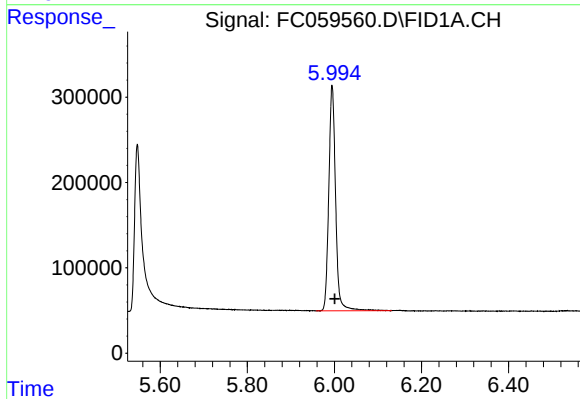
#2 n-Decane (C10)

R.T.: 3.998 min
Delta R.T.: -0.007 min
Response: 2710574
Conc: 21.70 ug/ml



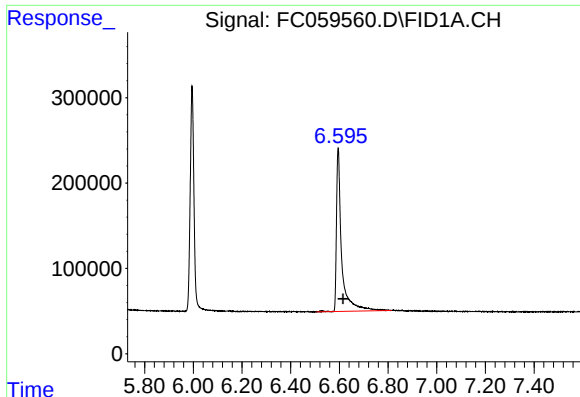
#3 A~Naphthalene (C11.7)

R.T.: 5.548 min
Delta R.T.: -0.019 min
Response: 2834711
Conc: 23.11 ug/ml



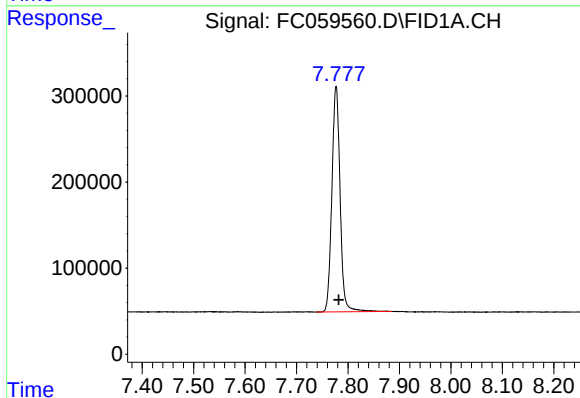
#4 n-Dodecane (C12)

R.T.: 5.995 min
Delta R.T.: -0.006 min
Response: 2868078
Conc: 21.75 ug/ml



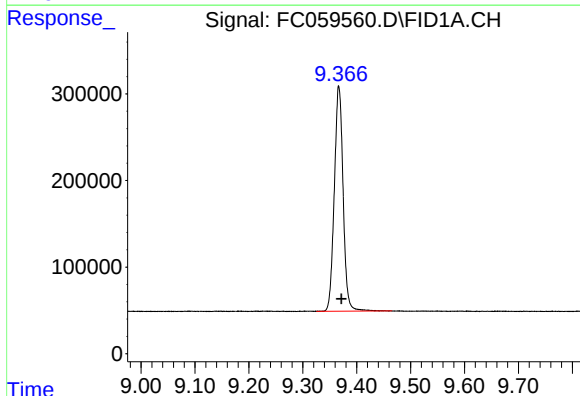
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.596 min
Delta R.T.: -0.020 min
Response: 2836492
Conc: 22.48 ug/ml



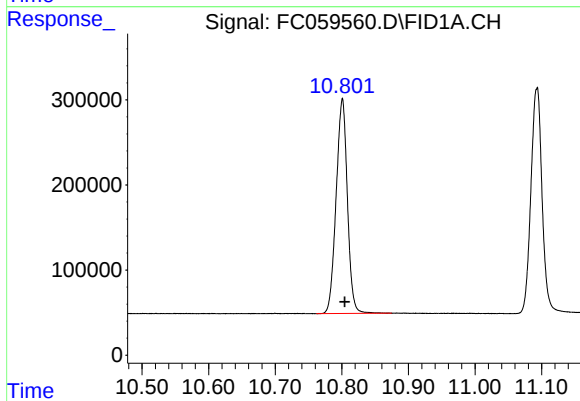
#6 n-Tetradecane (C14)

R.T.: 7.777 min
Delta R.T.: -0.005 min
Response: 2909225
Conc: 21.51 ug/ml



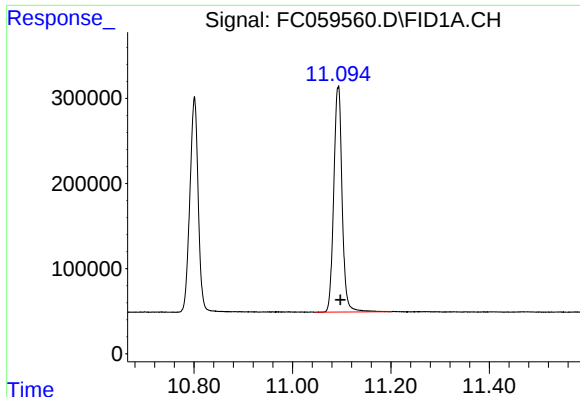
#7 n-Hexadecane (C16)

R.T.: 9.367 min
Delta R.T.: -0.005 min
Response: 2950905
Conc: 21.01 ug/ml



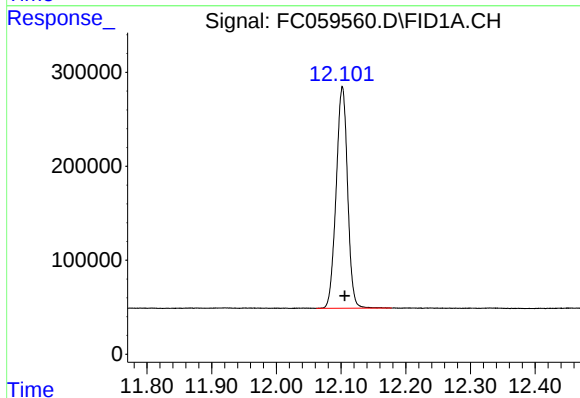
#8 n-Octadecane (C18)

R.T.: 10.801 min
Delta R.T.: -0.004 min
Response: 2961711
Conc: 20.28 ug/ml



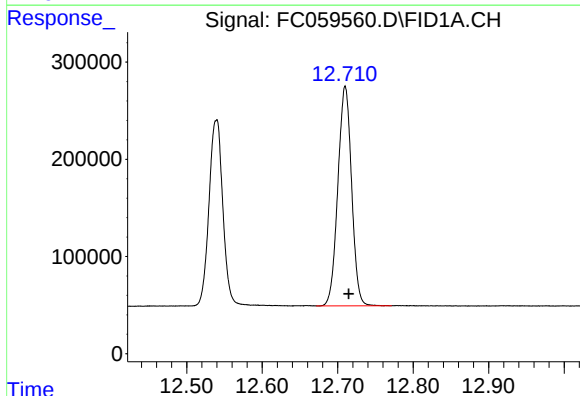
#9 ortho-Terphenyl (SURR)

R.T.: 11.093 min
Delta R.T.: -0.004 min
Response: 3126029
Conc: 19.45 ug/ml



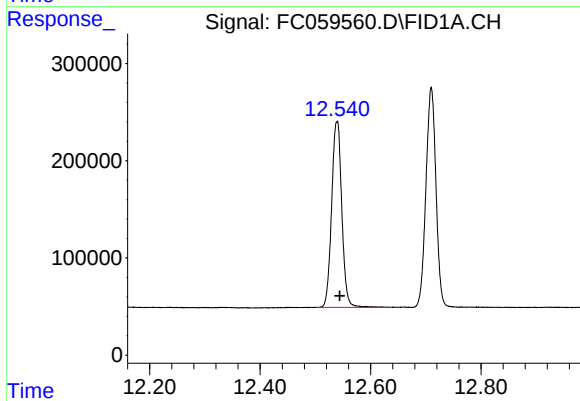
#10 n-Eicosane (C20)

R.T.: 12.102 min
Delta R.T.: -0.004 min
Response: 2894237
Conc: 19.30 ug/ml



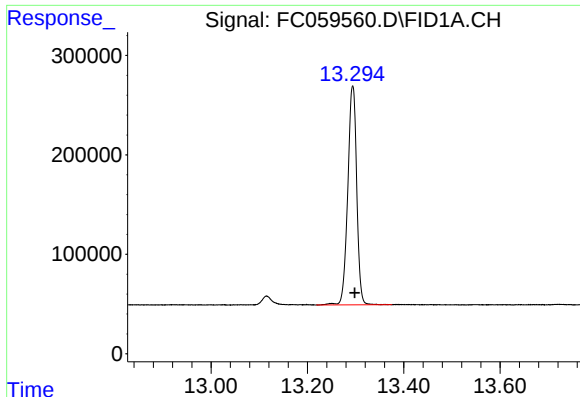
#11 n-Heneicosane (C21)

R.T.: 12.710 min
Delta R.T.: -0.005 min
Response: 2849437
Conc: 18.73 ug/ml



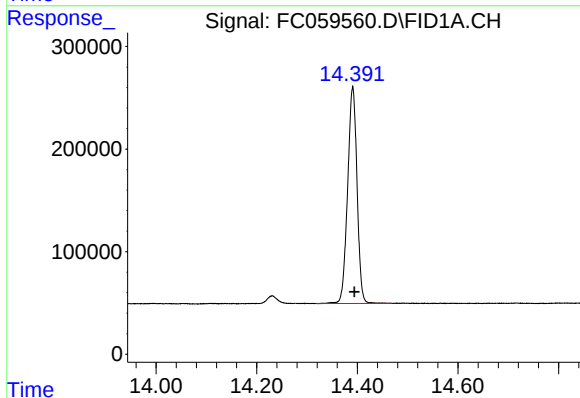
#12 1-chlorooctadecane (SURR)

R.T.: 12.539 min
Delta R.T.: -0.005 min
Response: 2448857
Conc: 18.75 ug/ml



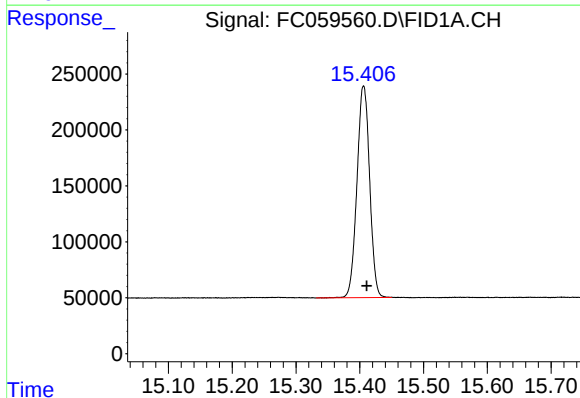
#13 n-Docosane (C22)

R.T.: 13.294 min
Delta R.T.: -0.004 min
Response: 2841206
Conc: 18.54 ug/ml



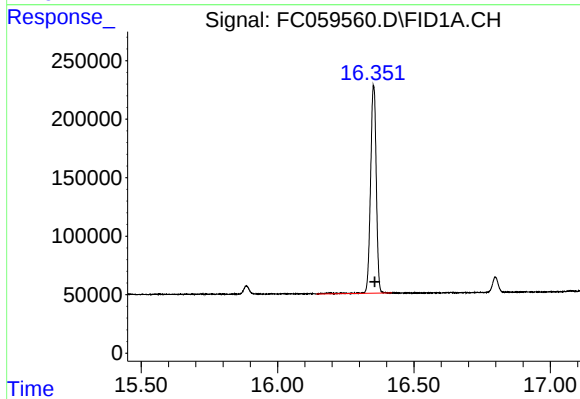
#14 n-Tetracosane (C24)

R.T.: 14.391 min
Delta R.T.: -0.003 min
Response: 2740612
Conc: 17.70 ug/ml



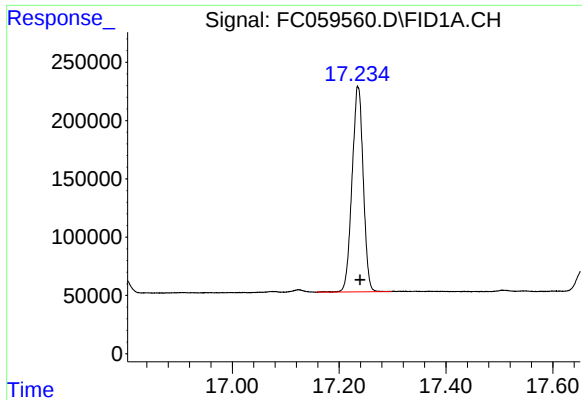
#15 n-Hexacosane (C26)

R.T.: 15.406 min
Delta R.T.: -0.005 min
Response: 2609411
Conc: 16.93 ug/ml



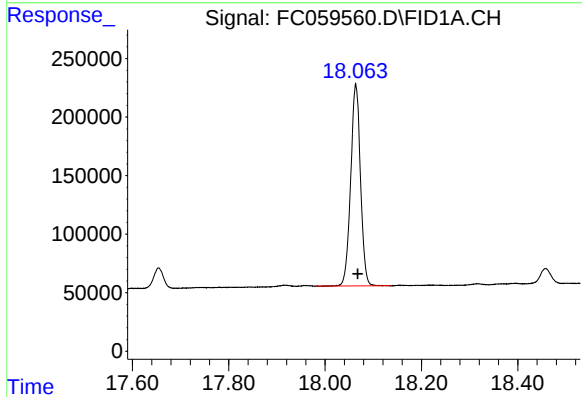
#16 n-Octacosane (C28)

R.T.: 16.352 min
Delta R.T.: -0.004 min
Response: 2581877
Conc: 16.68 ug/ml



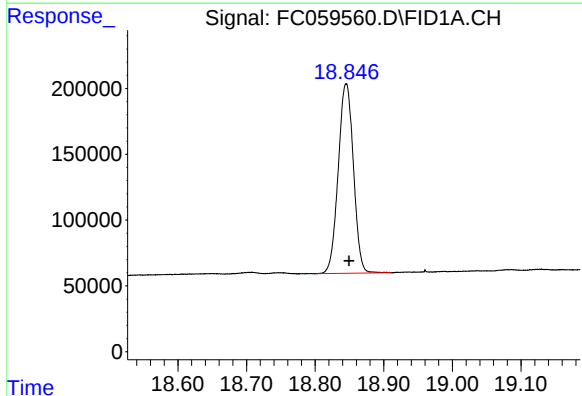
#17 n-Tricontane (C30)

R.T.: 17.236 min
Delta R.T.: -0.004 min
Response: 2557206
Conc: 16.84 ug/ml



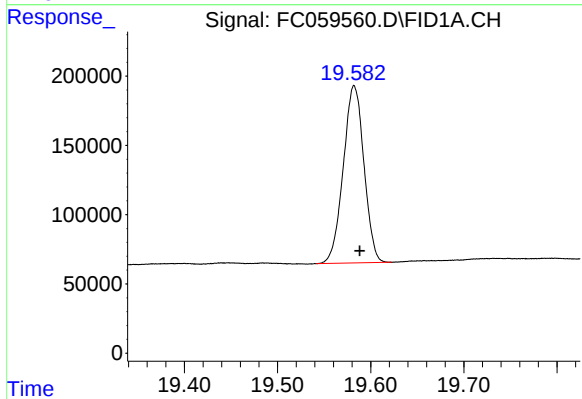
#18 n-Dotriacontane (C32)

R.T.: 18.064 min
Delta R.T.: -0.004 min
Response: 2431624
Conc: 17.26 ug/ml



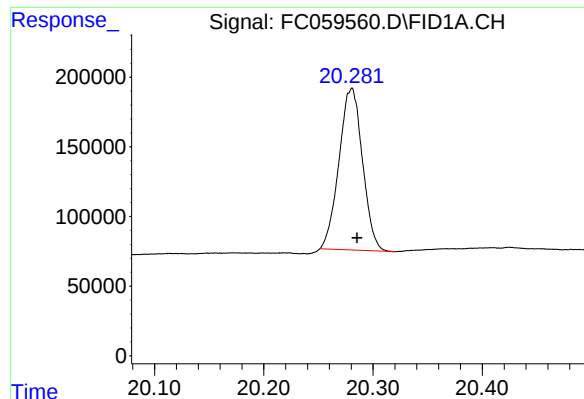
#19 n-Tetratriacontane (C34)

R.T.: 18.845 min
Delta R.T.: -0.004 min
Response: 2214605
Conc: 17.52 ug/ml



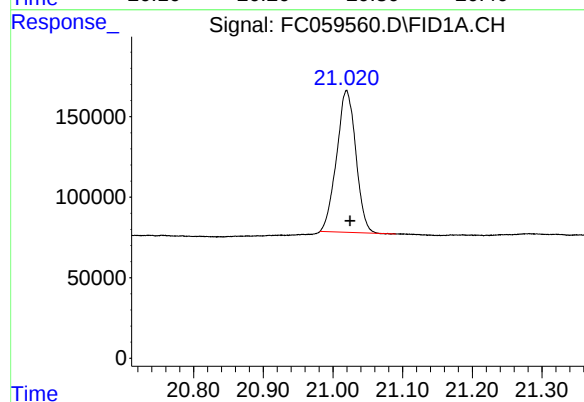
#20 n-Hexatriacontane (C36)

R.T.: 19.582 min
Delta R.T.: -0.006 min
Response: 1972617
Conc: 18.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.280 min
Delta R.T.: -0.005 min
Response: 1730811
Conc: 18.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.019 min
Delta R.T.: -0.005 min
Response: 1683526
Conc: 20.16 ug/ml