

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012522AL\
 Data File : FC058100.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jan 2022 13:26
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 09:35:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.701	4120433	21.309 ug/ml
Spiked Amount 50.000		Recovery =	42.62%
12) S 1-chlorooctadecane (S...	12.138	3114450	21.131 ug/ml
Spiked Amount 50.000		Recovery =	42.26%
Target Compounds			
1) T n-Nonane (C9)	2.630	3778018	23.626 ug/ml
2) T n-Decane (C10)	3.619	3879392	24.136 ug/ml
3) T A~Naphthalene (C11.7)	5.157	4311789	23.746 ug/ml
4) T n-Dodecane (C12)	5.590	3898864	24.175 ug/ml
5) T A~2-methylnaphthalene...	6.198	4309858	23.568 ug/ml
6) T n-Tetradecane (C14)	7.371	3986514	24.147 ug/ml
7) T n-Hexadecane (C16)	8.963	3963041	23.725 ug/ml
8) T n-Octadecane (C18)	10.397	3924728	22.807 ug/ml
10) T n-Eicosane (C20)	11.700	3728336	21.778 ug/ml
11) T n-Heneicosane (C21)	12.308	3679478	21.278 ug/ml
13) T n-Docosane (C22)	12.892	3579518	20.690 ug/ml
14) T n-Tetracosane (C24)	13.991	3483793	20.125 ug/ml
15) T n-Hexacosane (C26)	15.008	3356790	19.947 ug/ml
16) T n-Octacosane (C28)	15.954	3403676	20.799 ug/ml
17) T n-Tricontane (C30)	16.839	3481621	22.300 ug/ml
18) T n-Dotriacontane (C32)	17.669	3302089	23.684 ug/ml
19) T n-Tetratriacontane (C34)	18.452	2945004	23.695 ug/ml
20) T n-Hexatriacontane (C36)	19.188	2450528	22.041 ug/ml
21) T n-Octatriacontane (C38)	19.894	2067565	19.820 ug/ml
22) T n-Tetracontane (C40)	20.719	1873307	19.564 ug/ml

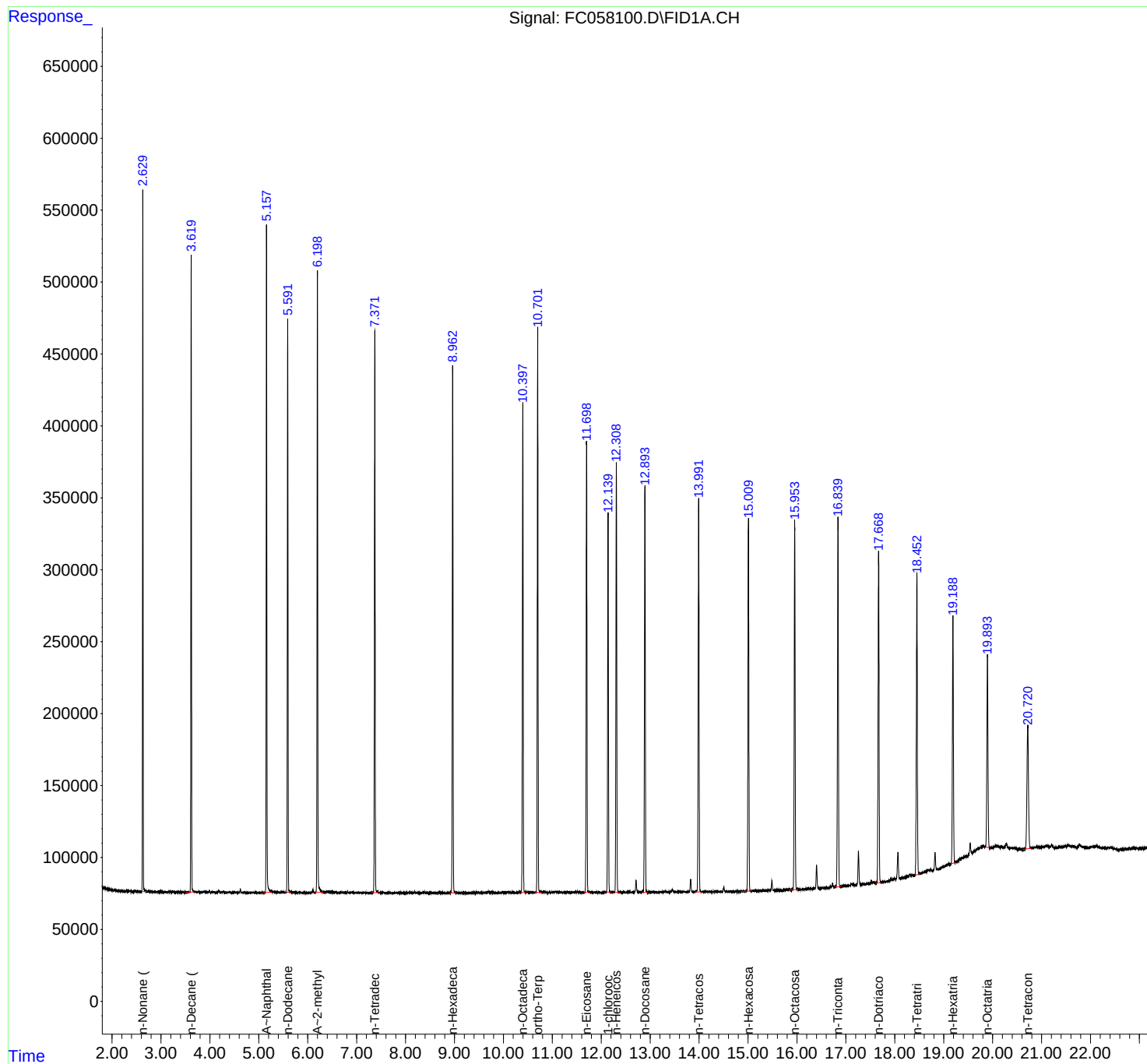
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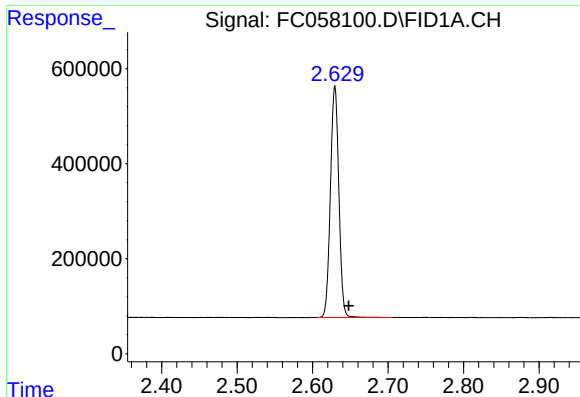
(m)=manual int.

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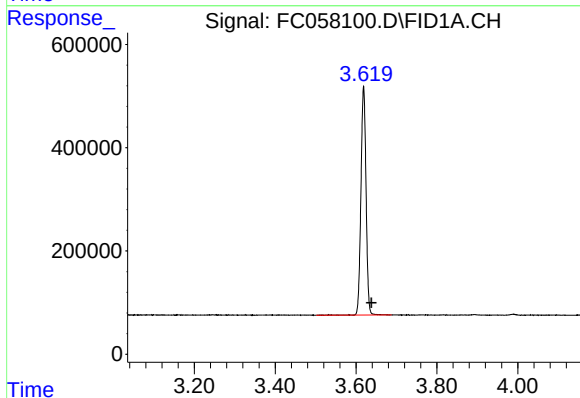
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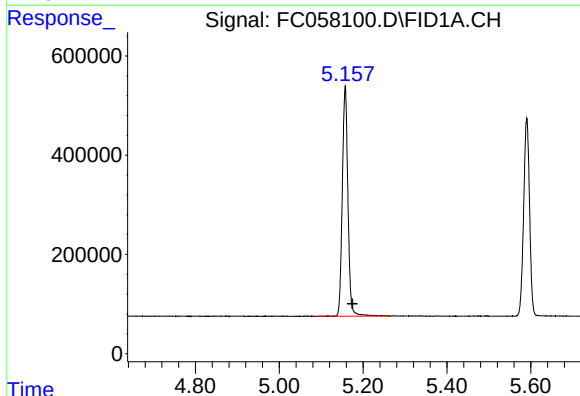
#1 n-Nonane (C9)

R.T.: 2.630 min
Delta R.T.: -0.018 min
Response: 3778018
Conc: 23.63 ug/ml



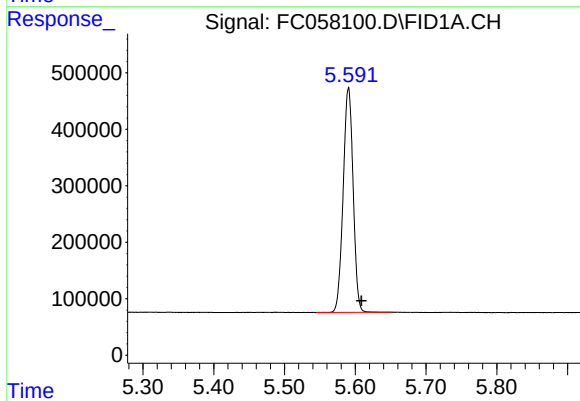
#2 n-Decane (C10)

R.T.: 3.619 min
Delta R.T.: -0.019 min
Response: 3879392
Conc: 24.14 ug/ml



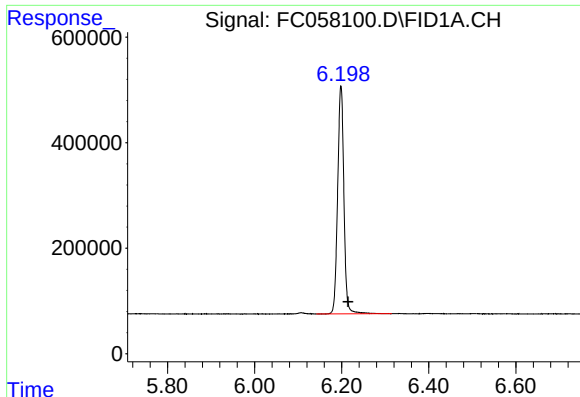
#3 A~Naphthalene (C11.7)

R.T.: 5.157 min
Delta R.T.: -0.017 min
Response: 4311789
Conc: 23.75 ug/ml



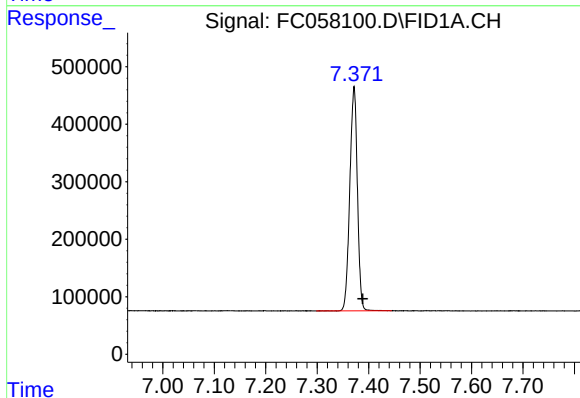
#4 n-Dodecane (C12)

R.T.: 5.590 min
Delta R.T.: -0.018 min
Response: 3898864
Conc: 24.17 ug/ml



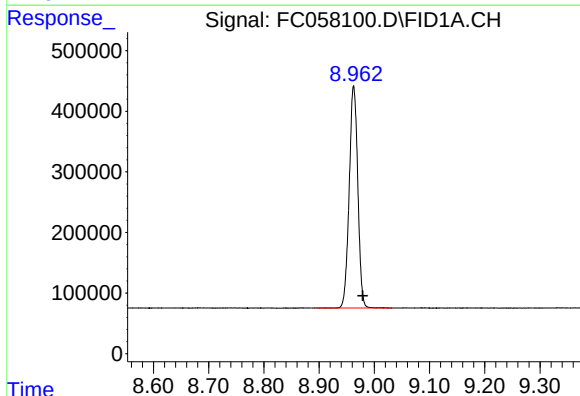
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.198 min
Delta R.T.: -0.016 min
Response: 4309858
Conc: 23.57 ug/ml



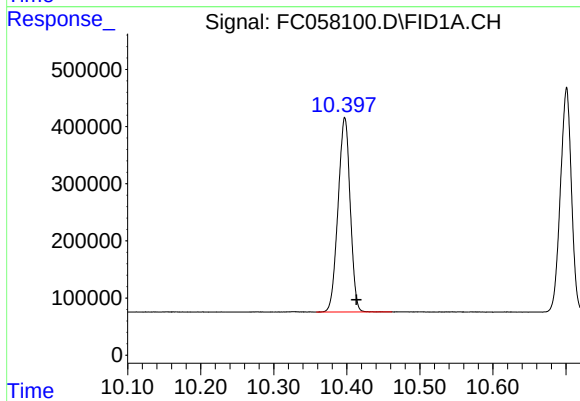
#6 n-Tetradecane (C14)

R.T.: 7.371 min
Delta R.T.: -0.017 min
Response: 3986514
Conc: 24.15 ug/ml



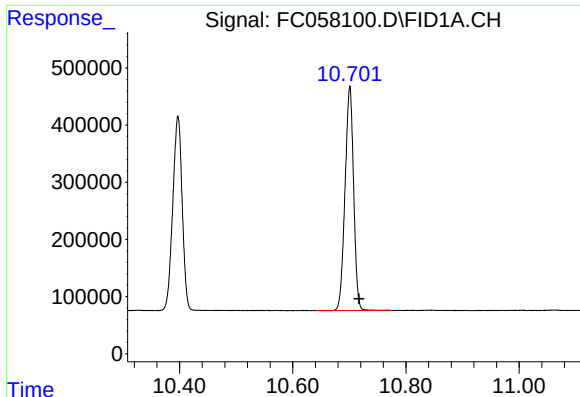
#7 n-Hexadecane (C16)

R.T.: 8.963 min
Delta R.T.: -0.016 min
Response: 3963041
Conc: 23.73 ug/ml



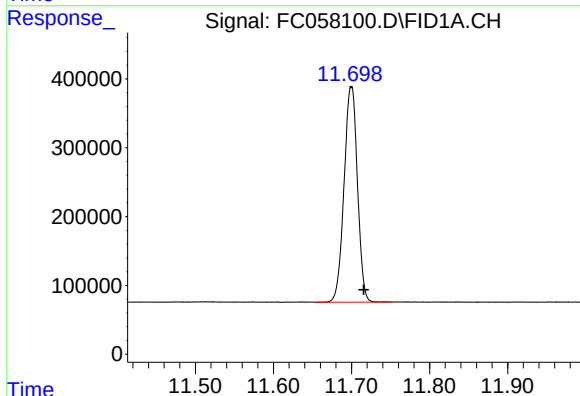
#8 n-Octadecane (C18)

R.T.: 10.397 min
Delta R.T.: -0.016 min
Response: 3924728
Conc: 22.81 ug/ml



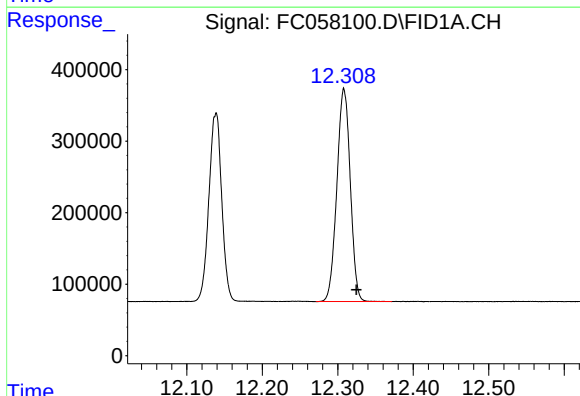
#9 ortho-Terphenyl (SURR)

R.T.: 10.701 min
Delta R.T.: -0.017 min
Response: 4120433
Conc: 21.31 ug/ml



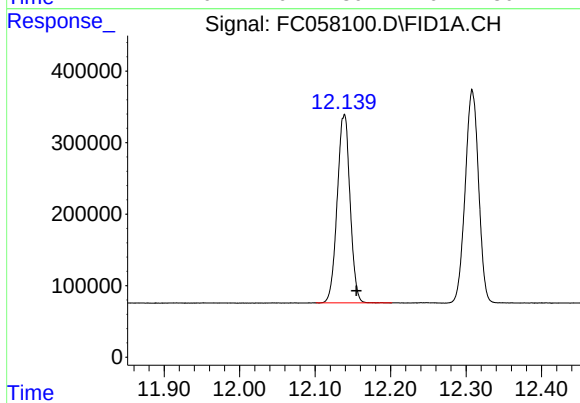
#10 n-Eicosane (C20)

R.T.: 11.700 min
Delta R.T.: -0.016 min
Response: 3728336
Conc: 21.78 ug/ml



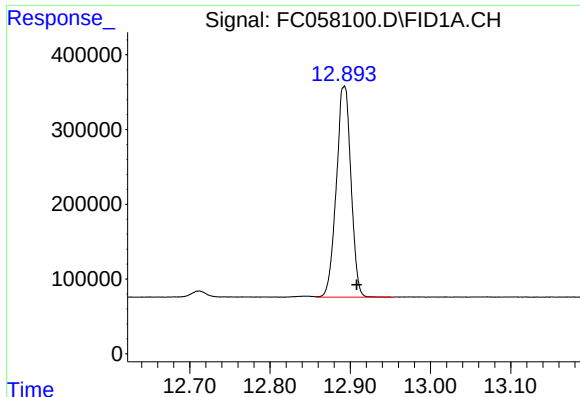
#11 n-Heneicosane (C21)

R.T.: 12.308 min
Delta R.T.: -0.016 min
Response: 3679478
Conc: 21.28 ug/ml



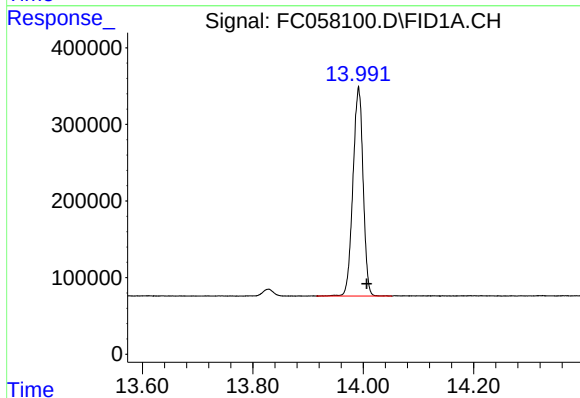
#12 1-chlorooctadecane (SURR)

R.T.: 12.138 min
Delta R.T.: -0.016 min
Response: 3114450
Conc: 21.13 ug/ml



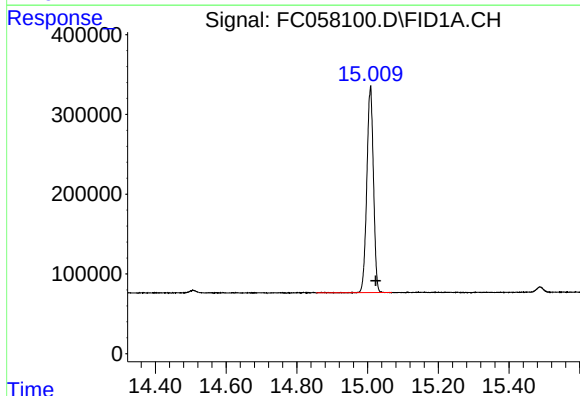
#13 n-Docosane (C22)

R.T.: 12.892 min
Delta R.T.: -0.016 min
Response: 3579518
Conc: 20.69 ug/ml



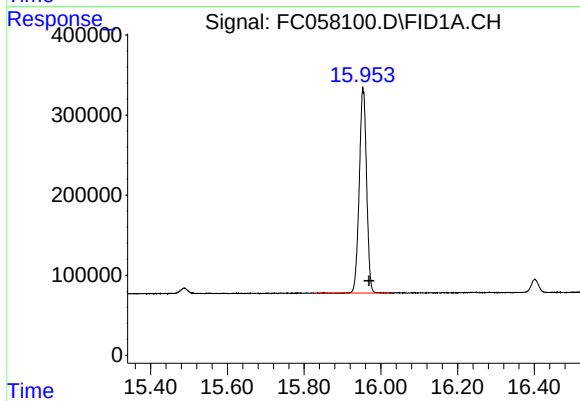
#14 n-Tetracosane (C24)

R.T.: 13.991 min
Delta R.T.: -0.015 min
Response: 3483793
Conc: 20.12 ug/ml



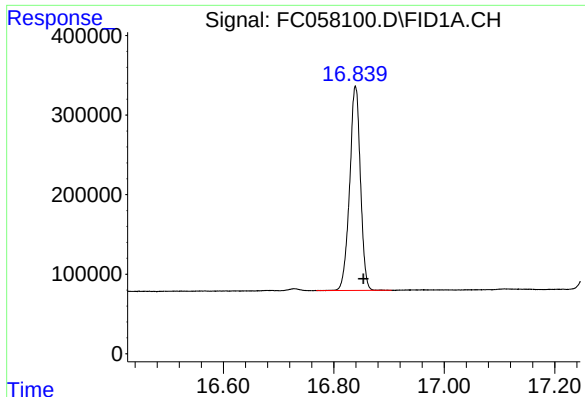
#15 n-Hexacosane (C26)

R.T.: 15.008 min
Delta R.T.: -0.015 min
Response: 3356790
Conc: 19.95 ug/ml



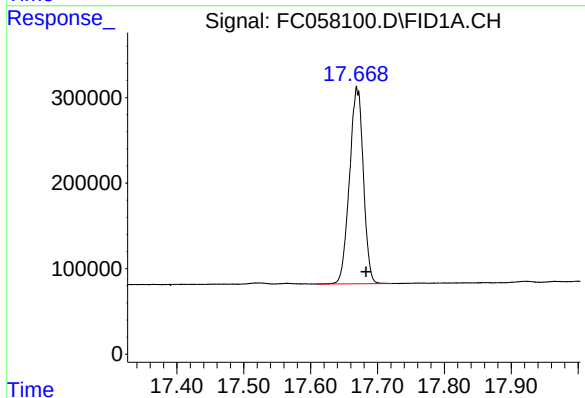
#16 n-Octacosane (C28)

R.T.: 15.954 min
Delta R.T.: -0.016 min
Response: 3403676
Conc: 20.80 ug/ml



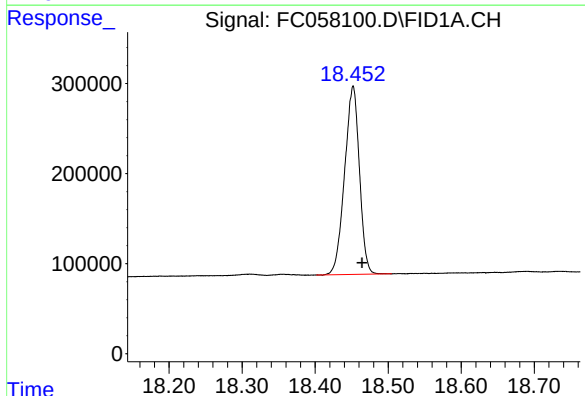
#17 n-Tricontane (C30)

R.T.: 16.839 min
Delta R.T.: -0.014 min
Response: 3481621
Conc: 22.30 ug/ml



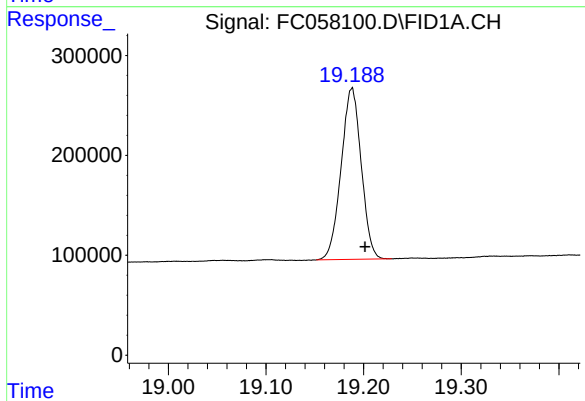
#18 n-Dotriacontane (C32)

R.T.: 17.669 min
Delta R.T.: -0.013 min
Response: 3302089
Conc: 23.68 ug/ml



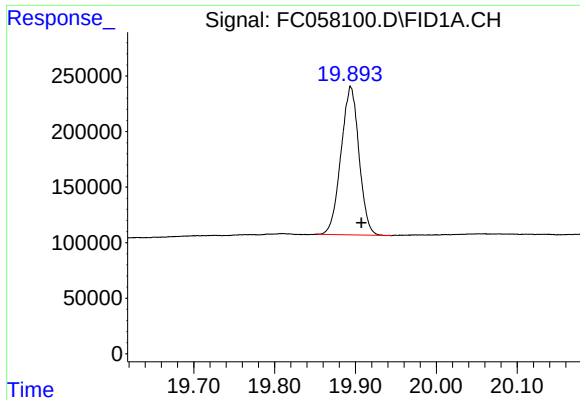
#19 n-Tetratriacontane (C34)

R.T.: 18.452 min
Delta R.T.: -0.013 min
Response: 2945004
Conc: 23.69 ug/ml



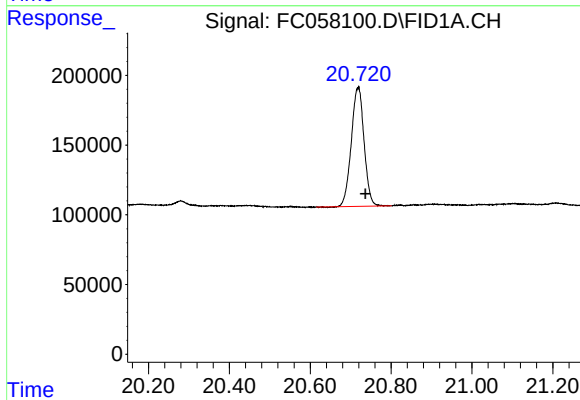
#20 n-Hexatriacontane (C36)

R.T.: 19.188 min
Delta R.T.: -0.014 min
Response: 2450528
Conc: 22.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.894 min
Delta R.T.: -0.013 min
Response: 2067565
Conc: 19.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.719 min
Delta R.T.: -0.019 min
Response: 1873307
Conc: 19.56 ug/ml