

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012822AL\
 Data File : FC058194.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jan 2022 2:15
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 29 02:37:45 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)	10.694	3436495	17.772 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	12.133	2588950	17.566 ug/ml
Spiked Amount 50.000		Recovery =	35.13%
Target Compounds			
1) T n-Nonane (C9)	2.626	3305473	20.671 ug/ml
2) T n-Decane (C10)	3.615	3341304	20.788 ug/ml
3) T A~Naphthalene (C11.7)	5.152	3676946	20.250 ug/ml
4) T n-Dodecane (C12)	5.585	3346339	20.749 ug/ml
5) T A~2-methylnaphthalene...	6.193	3646522	19.941 ug/ml
6) T n-Tetradecane (C14)	7.366	3376526	20.452 ug/ml
7) T n-Hexadecane (C16)	8.958	3312198	19.829 ug/ml
8) T n-Octadecane (C18)	10.392	3264168	18.968 ug/ml
10) T n-Eicosane (C20)	11.694	3088155	18.039 ug/ml
11) T n-Heneicosane (C21)	12.304	3052156	17.650 ug/ml
13) T n-Docosane (C22)	12.887	2963242	17.128 ug/ml
14) T n-Tetracosane (C24)	13.985	2886863	16.677 ug/ml
15) T n-Hexacosane (C26)	15.002	2786450	16.558 ug/ml
16) T n-Octacosane (C28)	15.948	2777553	16.973 ug/ml
17) T n-Tricontane (C30)	16.833	2756995	17.659 ug/ml
18) T n-Dotriacontane (C32)	17.664	2618830	18.783 ug/mlm
19) T n-Tetratriacontane (C34)	18.443	2501026	20.123 ug/ml
20) T n-Hexatriacontane (C36)	19.184	2363841	21.262 ug/mlm
21) T n-Octatriacontane (C38)	19.887	2284948	21.904 ug/mlm
22) T n-Tetracontane (C40)	20.712	2278323	23.794 ug/mlm

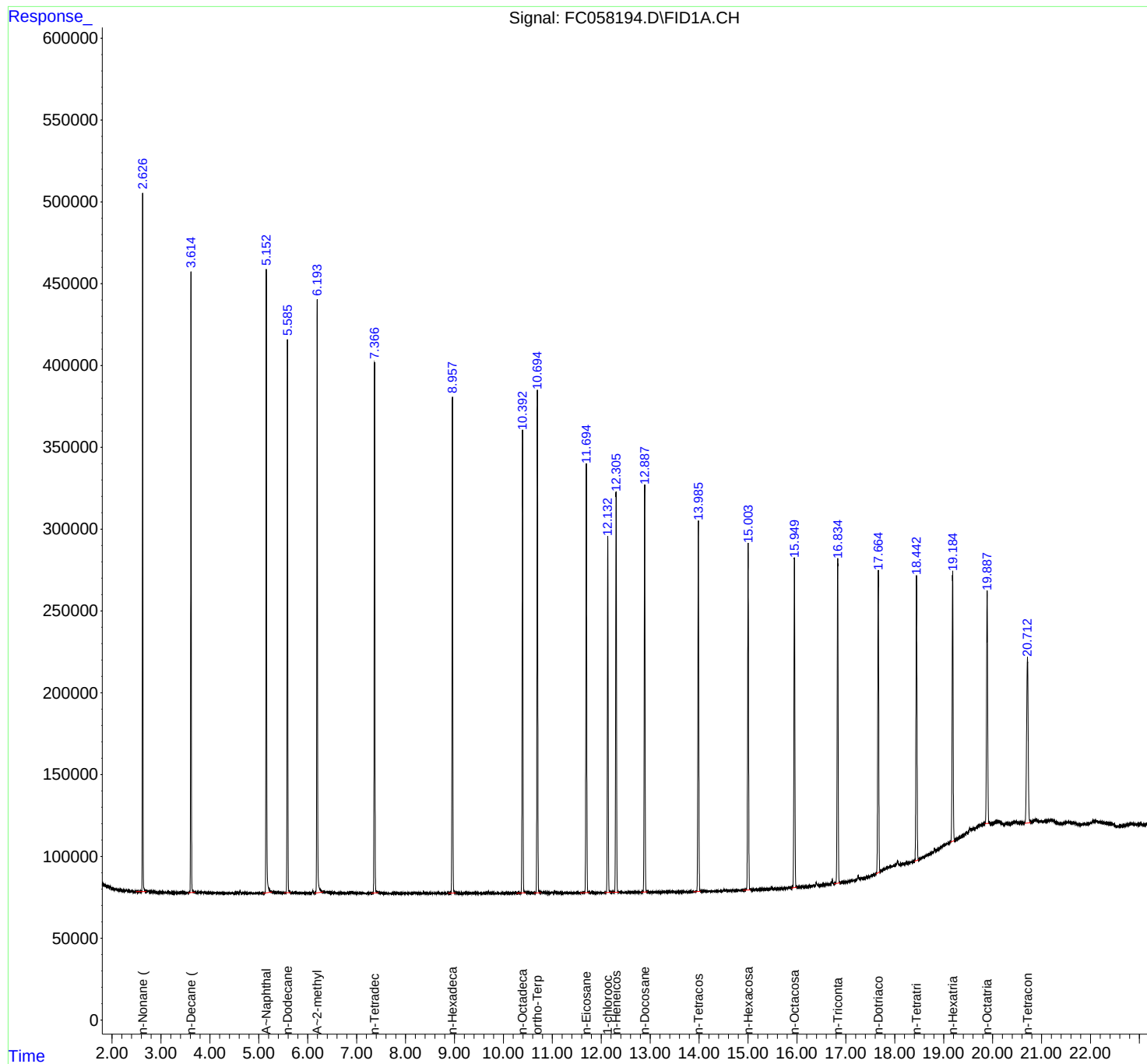
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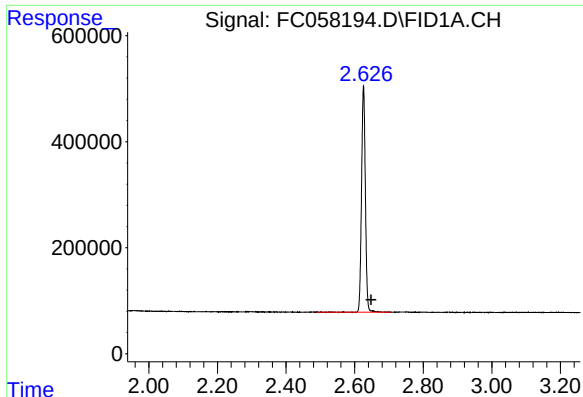
(m)=manual int.

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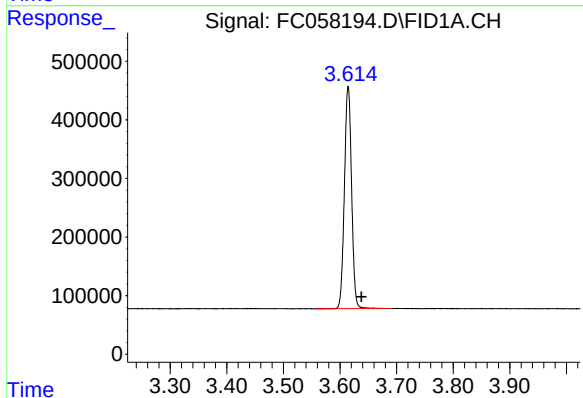
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





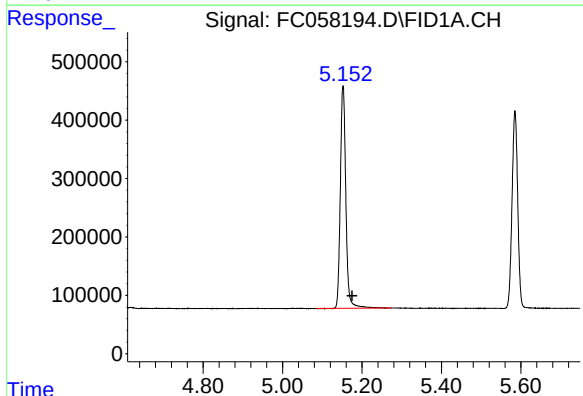
#1 n-Nonane (C9)

R.T.: 2.626 min
Delta R.T.: -0.022 min
Response: 3305473
Conc: 20.67 ug/ml



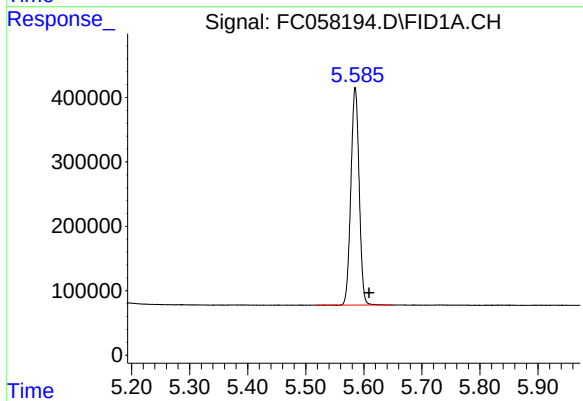
#2 n-Decane (C10)

R.T.: 3.615 min
Delta R.T.: -0.023 min
Response: 3341304
Conc: 20.79 ug/ml



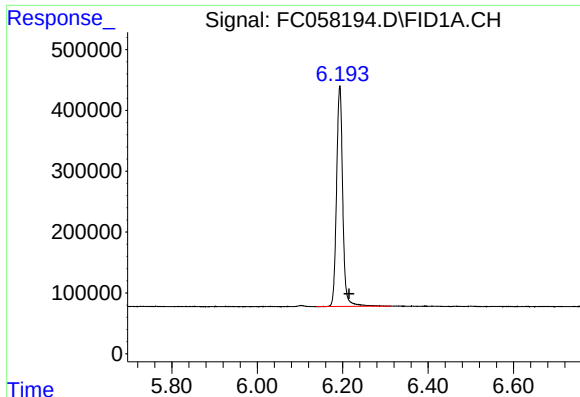
#3 A~Naphthalene (C11.7)

R.T.: 5.152 min
Delta R.T.: -0.022 min
Response: 3676946
Conc: 20.25 ug/ml



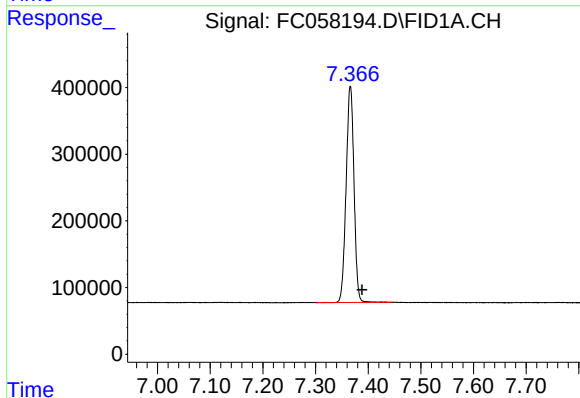
#4 n-Dodecane (C12)

R.T.: 5.585 min
Delta R.T.: -0.024 min
Response: 3346339
Conc: 20.75 ug/ml



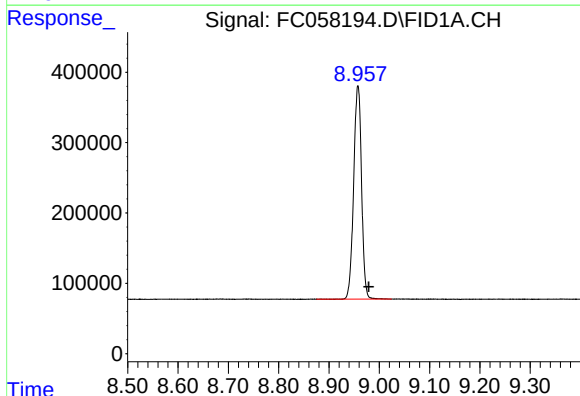
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.193 min
Delta R.T.: -0.022 min
Response: 3646522
Conc: 19.94 ug/ml



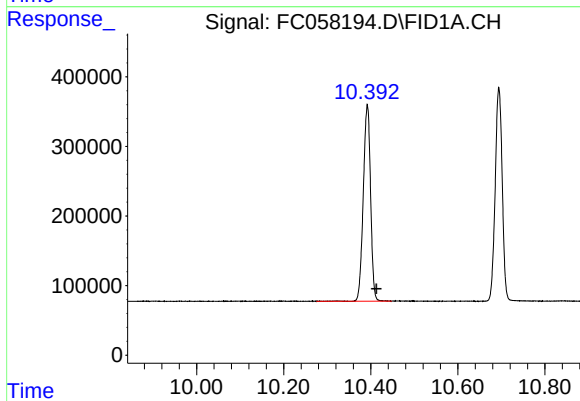
#6 n-Tetradecane (C14)

R.T.: 7.366 min
Delta R.T.: -0.022 min
Response: 3376526
Conc: 20.45 ug/ml



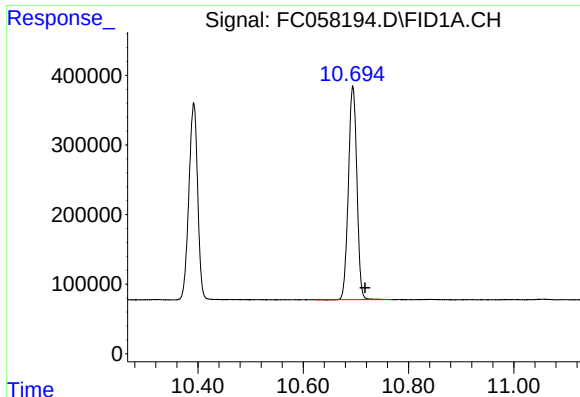
#7 n-Hexadecane (C16)

R.T.: 8.958 min
Delta R.T.: -0.021 min
Response: 3312198
Conc: 19.83 ug/ml



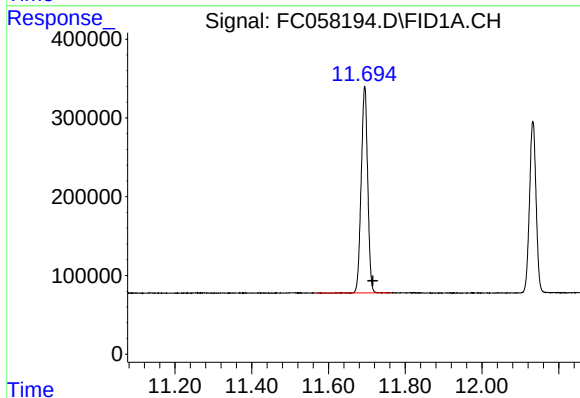
#8 n-Octadecane (C18)

R.T.: 10.392 min
Delta R.T.: -0.021 min
Response: 3264168
Conc: 18.97 ug/ml



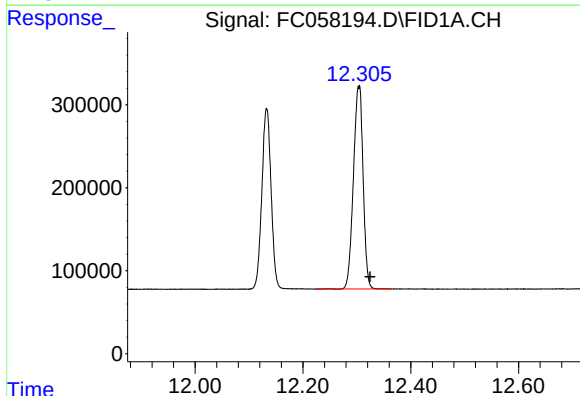
#9 ortho-Terphenyl (SURR)

R.T.: 10.694 min
Delta R.T.: -0.023 min
Response: 3436495
Conc: 17.77 ug/ml



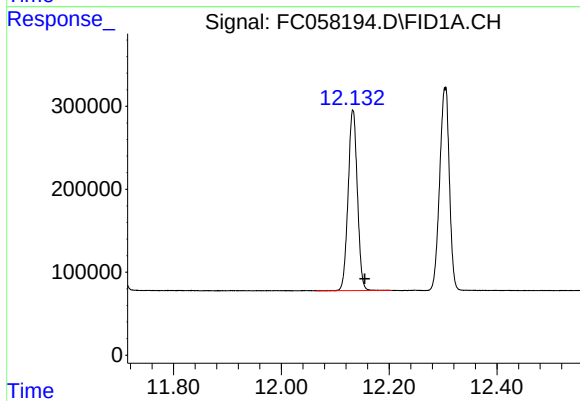
#10 n-Eicosane (C20)

R.T.: 11.694 min
Delta R.T.: -0.021 min
Response: 3088155
Conc: 18.04 ug/ml



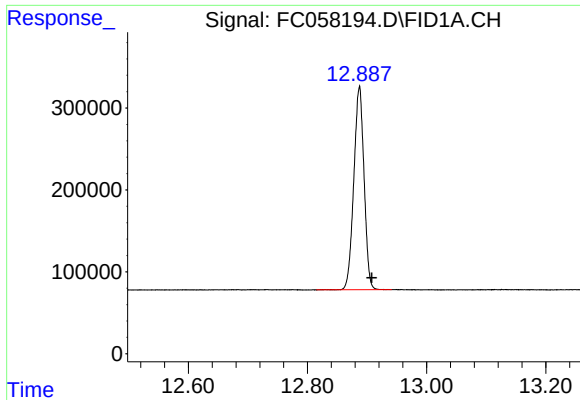
#11 n-Heneicosane (C21)

R.T.: 12.304 min
Delta R.T.: -0.021 min
Response: 3052156
Conc: 17.65 ug/ml



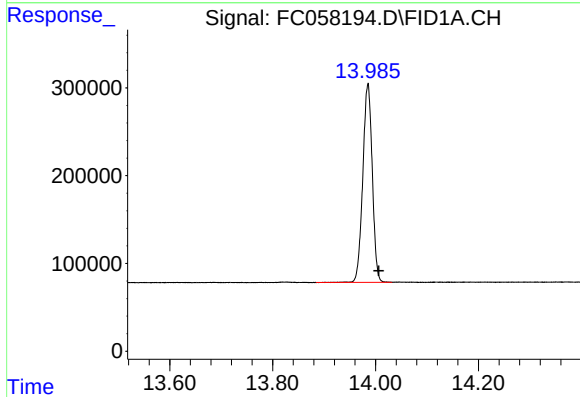
#12 1-chlorooctadecane (SURR)

R.T.: 12.133 min
Delta R.T.: -0.022 min
Response: 2588950
Conc: 17.57 ug/ml



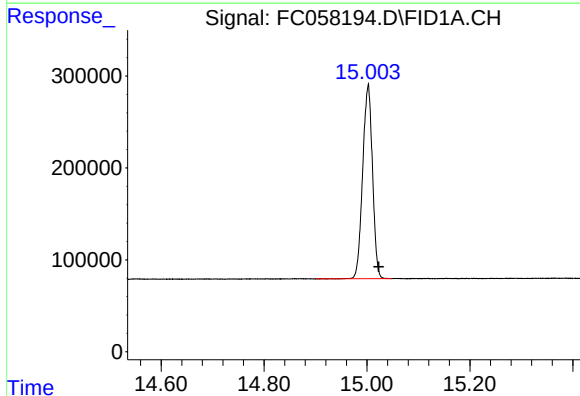
#13 n-Docosane (C22)

R.T.: 12.887 min
Delta R.T.: -0.021 min
Response: 2963242
Conc: 17.13 ug/ml



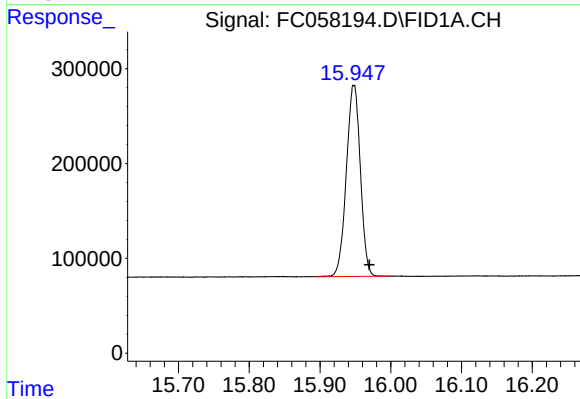
#14 n-Tetracosane (C24)

R.T.: 13.985 min
Delta R.T.: -0.021 min
Response: 2886863
Conc: 16.68 ug/ml



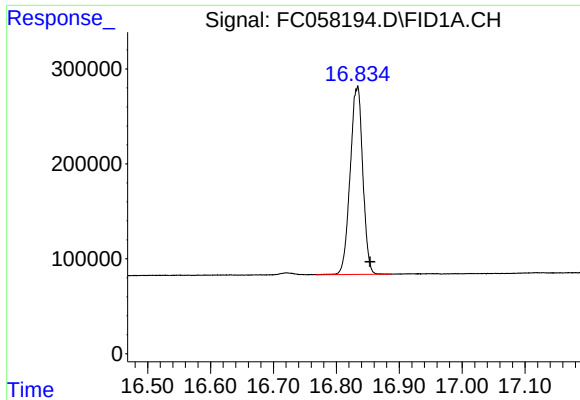
#15 n-Hexacosane (C26)

R.T.: 15.002 min
Delta R.T.: -0.021 min
Response: 2786450
Conc: 16.56 ug/ml



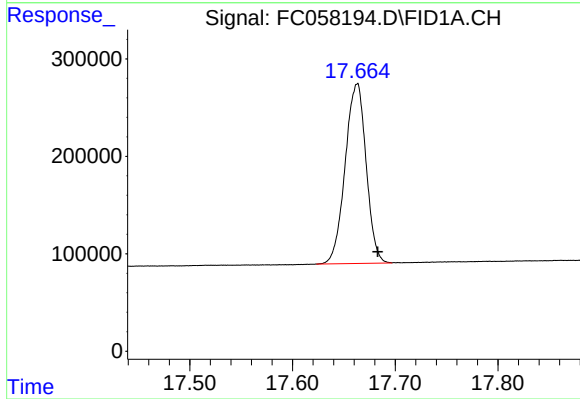
#16 n-Octacosane (C28)

R.T.: 15.948 min
Delta R.T.: -0.022 min
Response: 2777553
Conc: 16.97 ug/ml



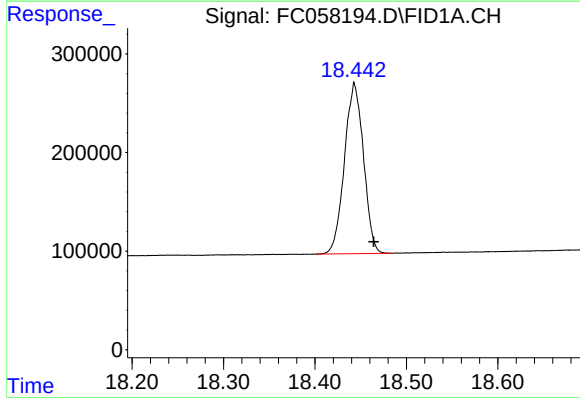
#17 n-Tricontane (C30)

R.T.: 16.833 min
Delta R.T.: -0.021 min
Response: 2756995
Conc: 17.66 ug/ml



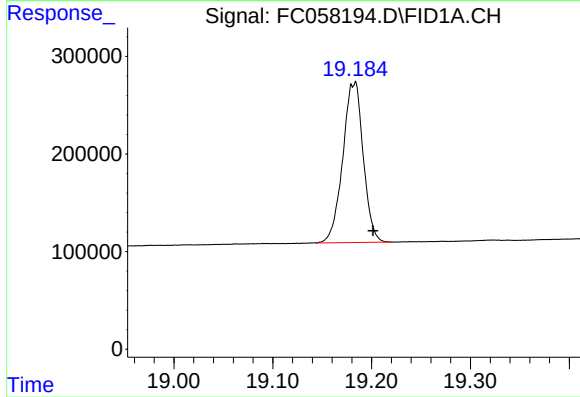
#18 n-Dotriacontane (C32)

R.T.: 17.664 min
Delta R.T.: -0.019 min
Response: 2618830
Conc: 18.78 ug/ml m



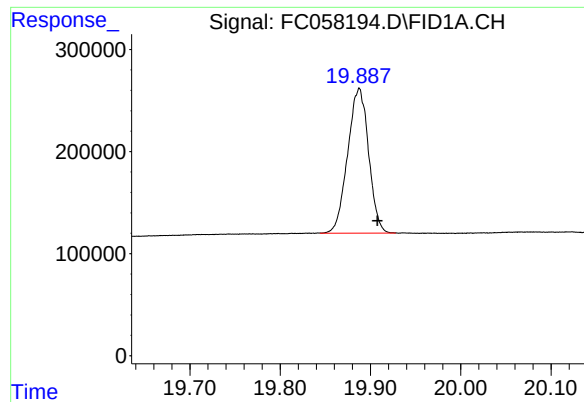
#19 n-Tetratriacontane (C34)

R.T.: 18.443 min
Delta R.T.: -0.021 min
Response: 2501026
Conc: 20.12 ug/ml



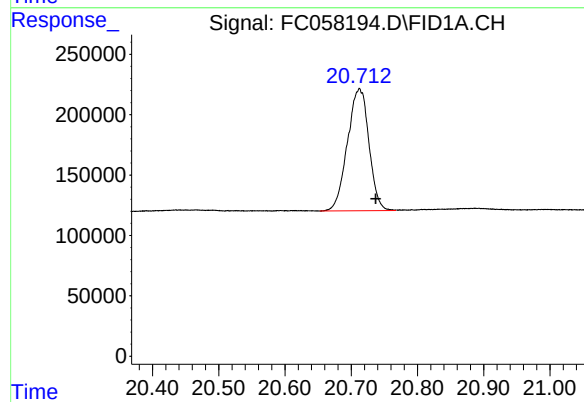
#20 n-Hexatriacontane (C36)

R.T.: 19.184 min
Delta R.T.: -0.018 min
Response: 2363841
Conc: 21.26 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.887 min
Delta R.T.: -0.020 min
Response: 2284948
Conc: 21.90 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.712 min
Delta R.T.: -0.025 min
Response: 2278323
Conc: 23.79 ug/ml m