

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012422AL\
 Data File : FC058094.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jan 2022 00:45
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 25 03:49:20 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)	10.704	4109395	21.252 ug/ml
Spiked Amount 50.000		Recovery =	42.50%
12) S 1-chlorooctadecane (S...	12.141	3115631	21.139 ug/ml
Spiked Amount 50.000		Recovery =	42.28%
Target Compounds			
1) T n-Nonane (C9)	2.631	3790722	23.705 ug/ml
2) T n-Decane (C10)	3.621	3873474	24.099 ug/ml
3) T A~Naphthalene (C11.7)	5.159	4310478	23.739 ug/ml
4) T n-Dodecane (C12)	5.592	3898600	24.173 ug/ml
5) T A~2-methylnaphthalene...	6.201	4316373	23.604 ug/ml
6) T n-Tetradecane (C14)	7.374	3977889	24.095 ug/ml
7) T n-Hexadecane (C16)	8.966	3952206	23.660 ug/ml
8) T n-Octadecane (C18)	10.400	3916754	22.760 ug/ml
10) T n-Eicosane (C20)	11.702	3707414	21.656 ug/ml
11) T n-Heneicosane (C21)	12.311	3671406	21.231 ug/ml
13) T n-Docosane (C22)	12.895	3569011	20.629 ug/ml
14) T n-Tetracosane (C24)	13.993	3473950	20.068 ug/ml
15) T n-Hexacosane (C26)	15.010	3356551	19.945 ug/ml
16) T n-Octacosane (C28)	15.956	3380141	20.655 ug/ml
17) T n-Tricontane (C30)	16.841	3465175	22.195 ug/ml
18) T n-Dotriacontane (C32)	17.671	3265868	23.424 ug/ml
19) T n-Tetratriacontane (C34)	18.453	2965372	23.859 ug/ml
20) T n-Hexatriacontane (C36)	19.192	2504776	22.529 ug/ml
21) T n-Octatriacontane (C38)	19.896	2062461	19.772 ug/ml
22) T n-Tetracontane (C40)	20.725	2156028	22.517 ug/ml

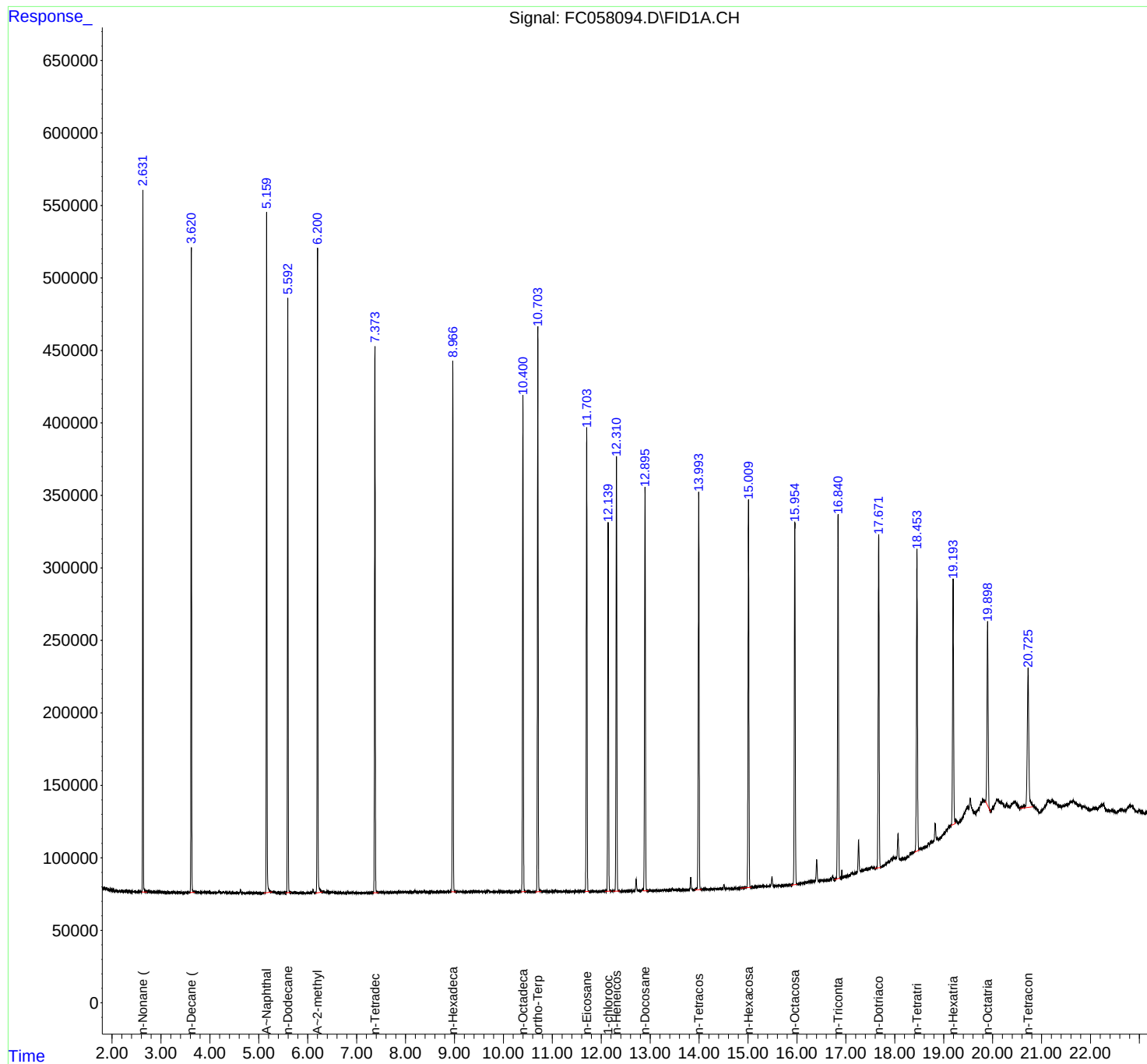
(f)=RT Delta > 1/2 Window

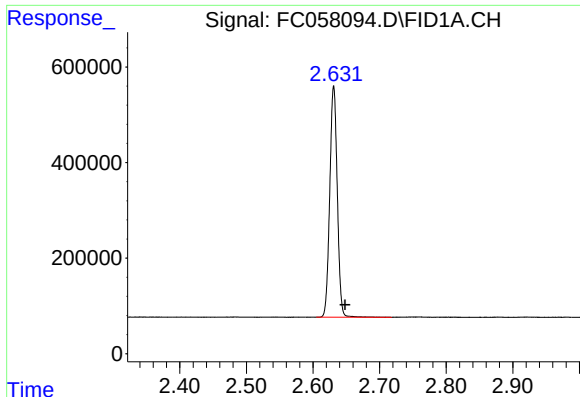
(m)=manual int.

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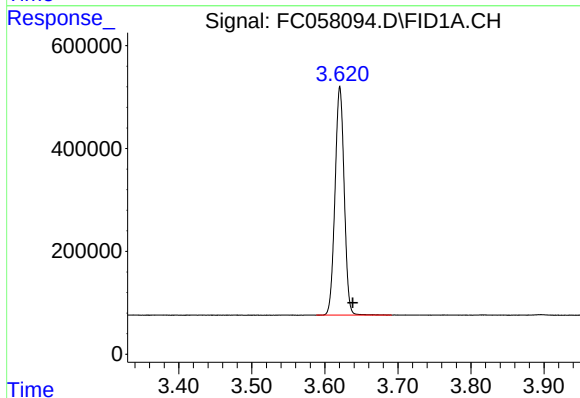
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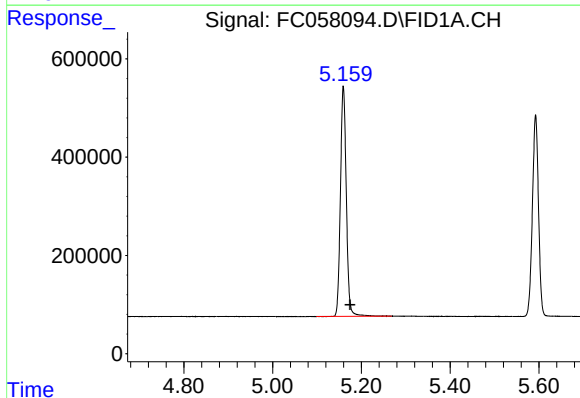
#1 n-Nonane (C9)

R.T.: 2.631 min
Delta R.T.: -0.017 min
Response: 3790722
Conc: 23.71 ug/ml



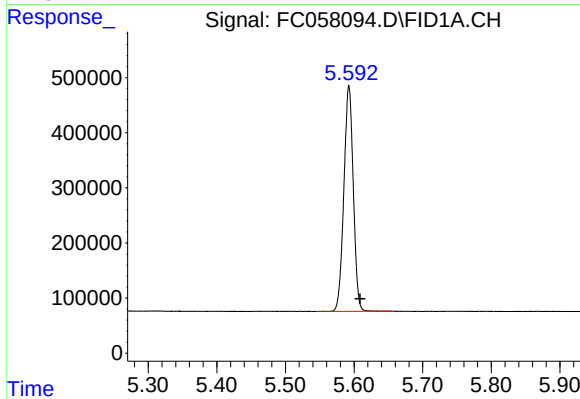
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: -0.017 min
Response: 3873474
Conc: 24.10 ug/ml



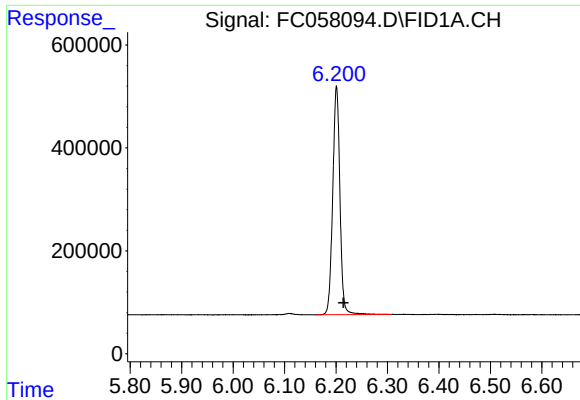
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.015 min
Response: 4310478
Conc: 23.74 ug/ml



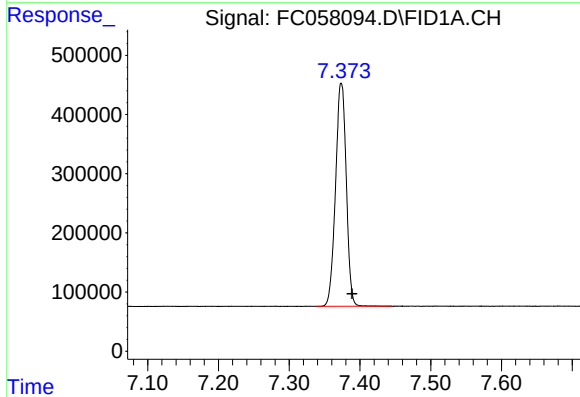
#4 n-Dodecane (C12)

R.T.: 5.592 min
Delta R.T.: -0.016 min
Response: 3898600
Conc: 24.17 ug/ml



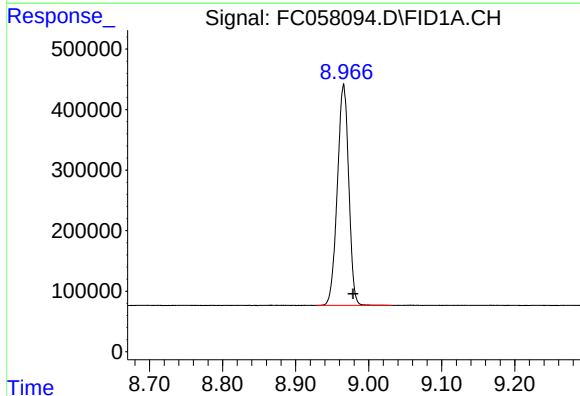
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.201 min
Delta R.T.: -0.014 min
Response: 4316373
Conc: 23.60 ug/ml



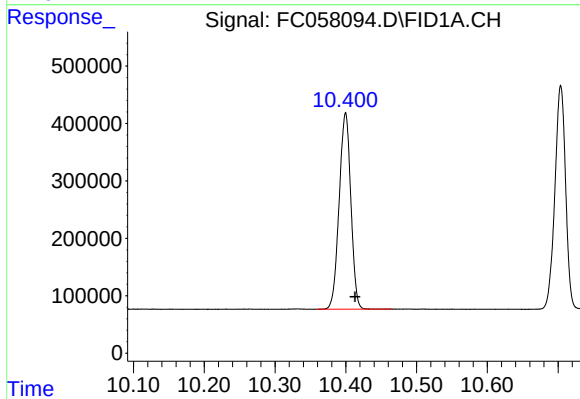
#6 n-Tetradecane (C14)

R.T.: 7.374 min
Delta R.T.: -0.015 min
Response: 3977889
Conc: 24.09 ug/ml



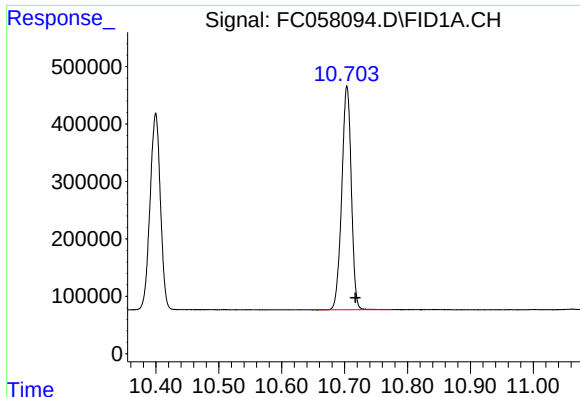
#7 n-Hexadecane (C16)

R.T.: 8.966 min
Delta R.T.: -0.013 min
Response: 3952206
Conc: 23.66 ug/ml



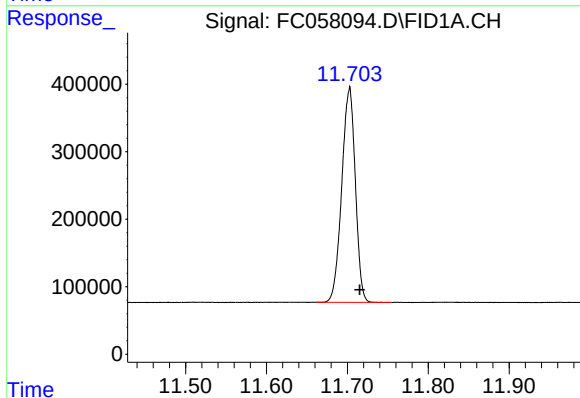
#8 n-Octadecane (C18)

R.T.: 10.400 min
Delta R.T.: -0.014 min
Response: 3916754
Conc: 22.76 ug/ml



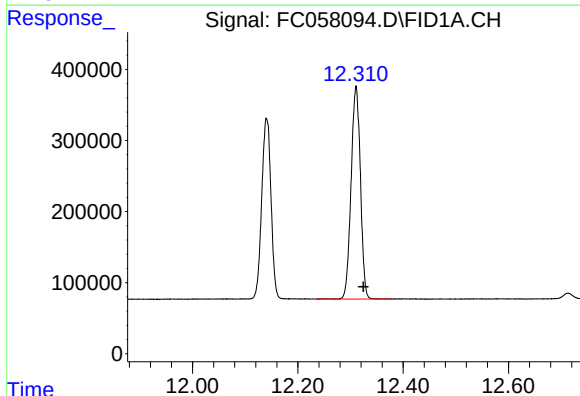
#9 ortho-Terphenyl (SURR)

R.T.: 10.704 min
Delta R.T.: -0.014 min
Response: 4109395
Conc: 21.25 ug/ml



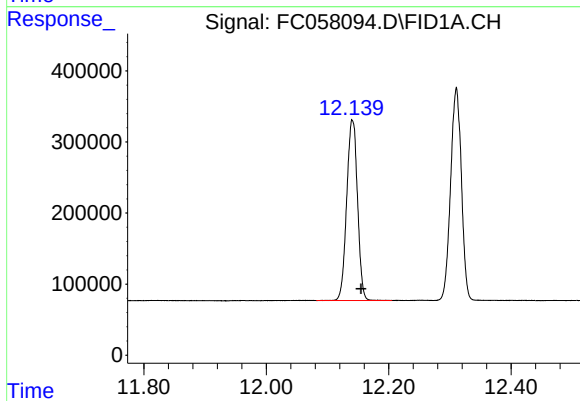
#10 n-Eicosane (C20)

R.T.: 11.702 min
Delta R.T.: -0.013 min
Response: 3707414
Conc: 21.66 ug/ml



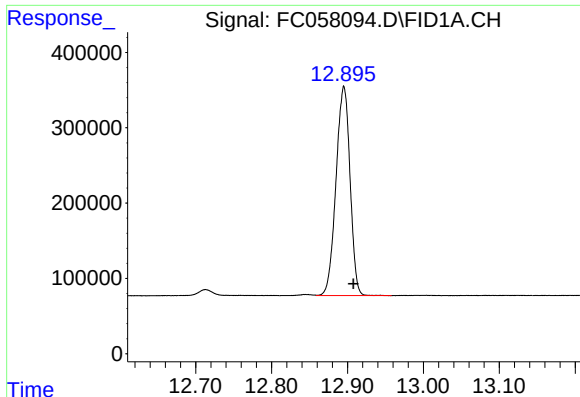
#11 n-Heneicosane (C21)

R.T.: 12.311 min
Delta R.T.: -0.014 min
Response: 3671406
Conc: 21.23 ug/ml



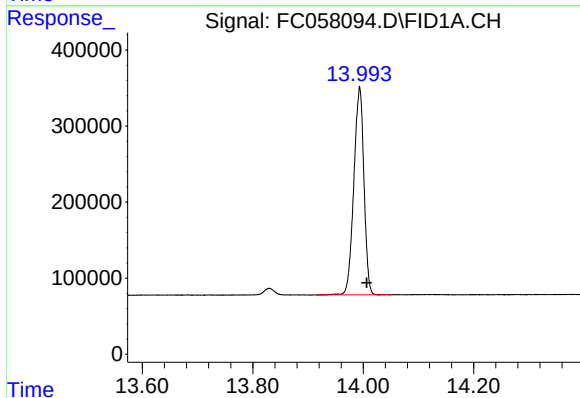
#12 1-chlorooctadecane (SURR)

R.T.: 12.141 min
Delta R.T.: -0.014 min
Response: 3115631
Conc: 21.14 ug/ml



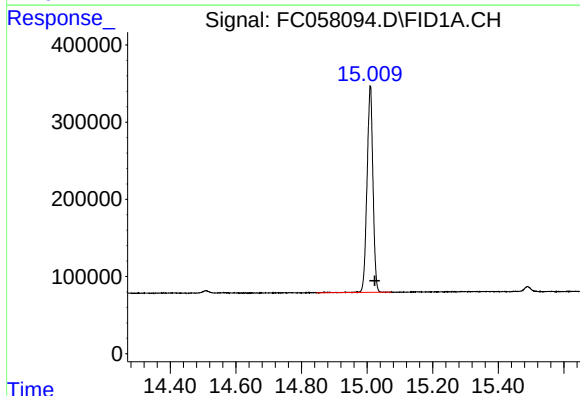
#13 n-Docosane (C22)

R.T.: 12.895 min
Delta R.T.: -0.013 min
Response: 3569011
Conc: 20.63 ug/ml



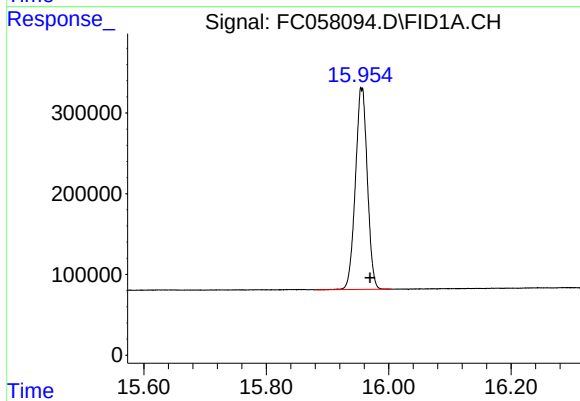
#14 n-Tetracosane (C24)

R.T.: 13.993 min
Delta R.T.: -0.013 min
Response: 3473950
Conc: 20.07 ug/ml



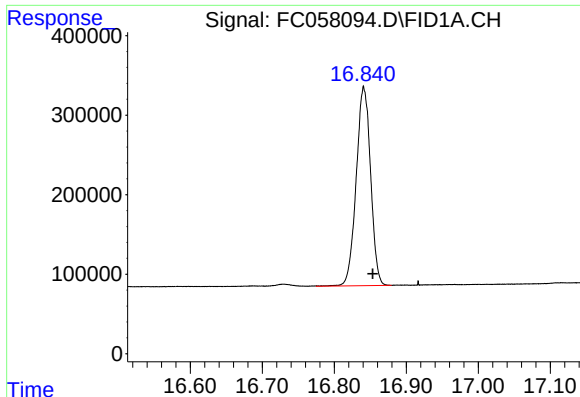
#15 n-Hexacosane (C26)

R.T.: 15.010 min
Delta R.T.: -0.014 min
Response: 3356551
Conc: 19.95 ug/ml



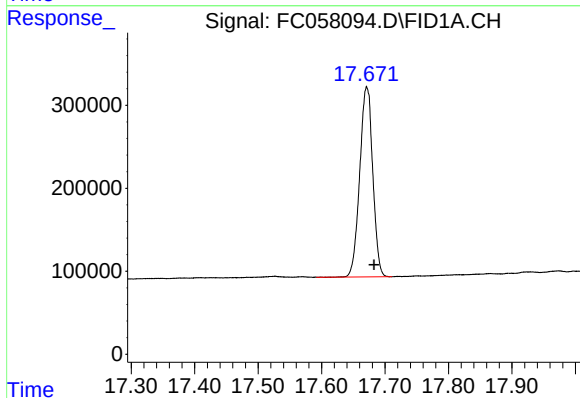
#16 n-Octacosane (C28)

R.T.: 15.956 min
Delta R.T.: -0.014 min
Response: 3380141
Conc: 20.66 ug/ml



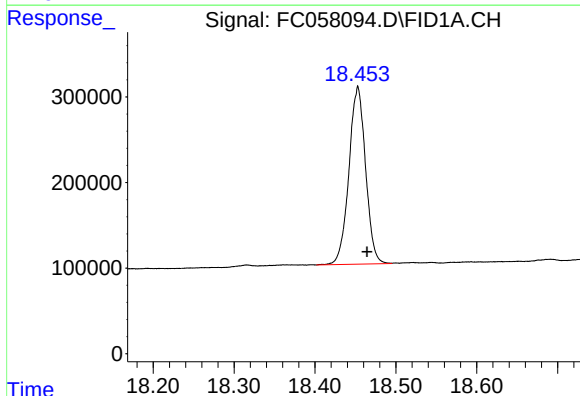
#17 n-Tricontane (C30)

R.T.: 16.841 min
Delta R.T.: -0.012 min
Response: 3465175
Conc: 22.19 ug/ml



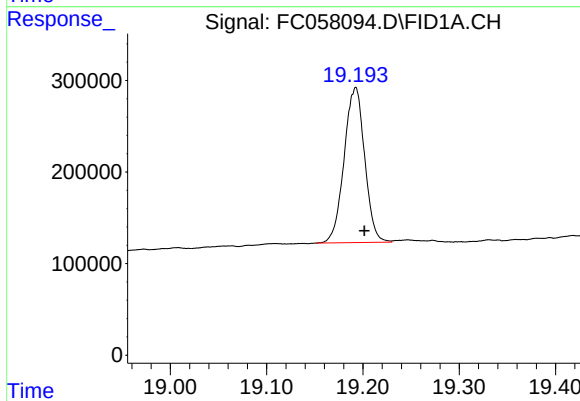
#18 n-Dotriacontane (C32)

R.T.: 17.671 min
Delta R.T.: -0.012 min
Response: 3265868
Conc: 23.42 ug/ml



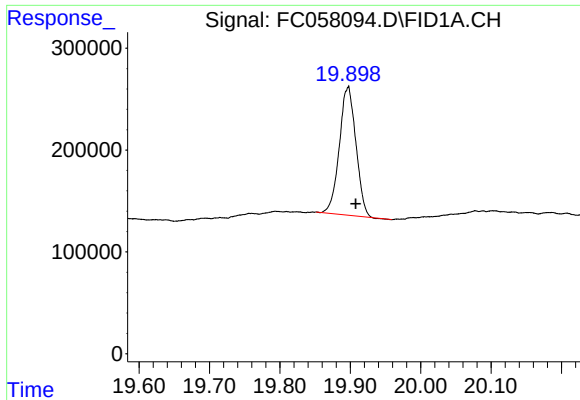
#19 n-Tetratriacontane (C34)

R.T.: 18.453 min
Delta R.T.: -0.012 min
Response: 2965372
Conc: 23.86 ug/ml



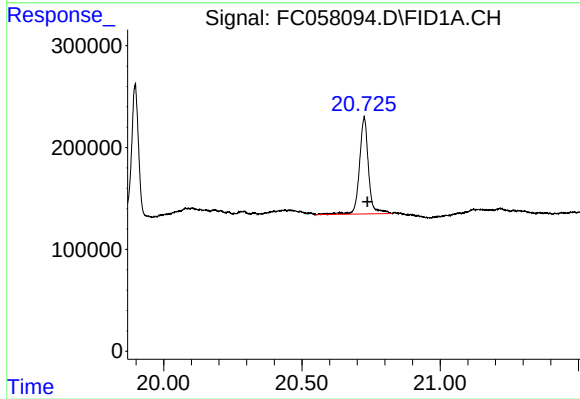
#20 n-Hexatriacontane (C36)

R.T.: 19.192 min
Delta R.T.: -0.010 min
Response: 2504776
Conc: 22.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.896 min
Delta R.T.: -0.011 min
Response: 2062461
Conc: 19.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.725 min
Delta R.T.: -0.012 min
Response: 2156028
Conc: 22.52 ug/ml