

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012022AL\
 Data File : FD040703.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2022 1:34
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 04:04:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.613	3367756	21.842 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
12) S 1-chlorooctadecane (S...	12.050	2529075	21.486 ug/ml
Spiked Amount 50.000		Recovery =	42.97%
Target Compounds			
1) T n-Nonane (C9)	2.567	2989294	23.284 ug/ml
2) T n-Decane (C10)	3.552	3021832	23.468 ug/ml
3) T A~Naphthalene (C11.7)	5.081	3369320	23.716 ug/ml
4) T n-Dodecane (C12)	5.519	3057124	23.918 ug/ml
5) T A~2-methylnaphthalene...	6.120	3382431	23.976 ug/ml
6) T n-Tetradecane (C14)	7.295	3110352	24.011 ug/ml
7) T n-Hexadecane (C16)	8.882	3087855	23.701 ug/ml
8) T n-Octadecane (C18)	10.313	3098596	22.868 ug/ml
10) T n-Eicosane (C20)	11.613	2988769	21.973 ug/ml
11) T n-Heneicosane (C21)	12.220	2965256	21.414 ug/ml
13) T n-Docosane (C22)	12.802	2889157	20.953 ug/ml
14) T n-Tetracosane (C24)	13.899	2790173	19.955 ug/ml
15) T n-Hexacosane (C26)	14.913	2674541	19.402 ug/ml
16) T n-Octacosane (C28)	15.858	2628815	19.374 ug/ml
17) T n-Tricontane (C30)	16.741	2575282	19.758 ug/ml
18) T n-Dotriacontane (C32)	17.568	2437531	20.390 ug/ml
19) T n-Tetratriacontane (C34)	18.349	2315122	21.988 ug/ml
20) T n-Hexatriacontane (C36)	19.085	2183912	21.552 ug/ml
21) T n-Octatriacontane (C38)	19.782	2097203	23.473 ug/ml
22) T n-Tetracontane (C40)	20.578	2101017	24.579 ug/ml

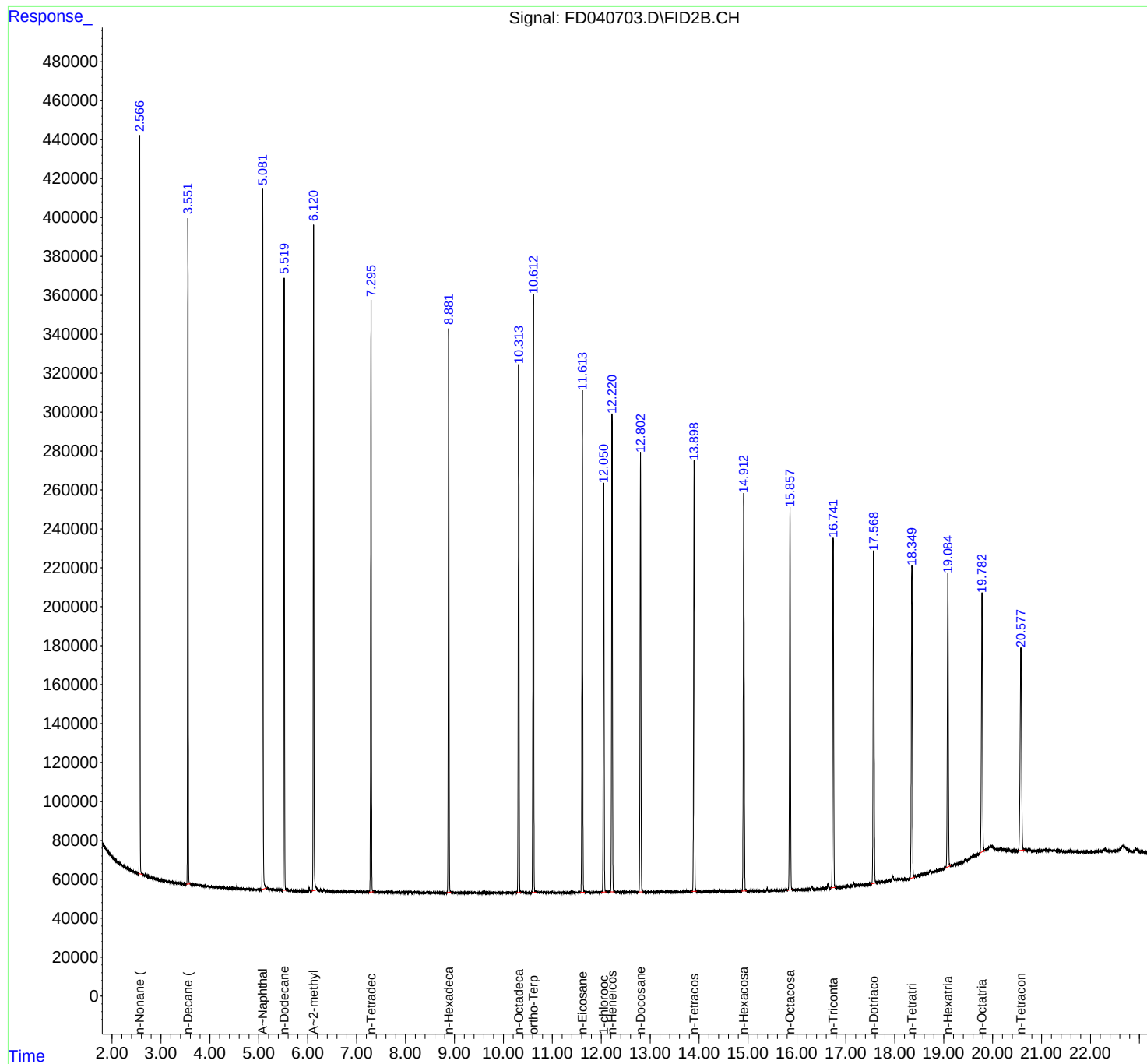
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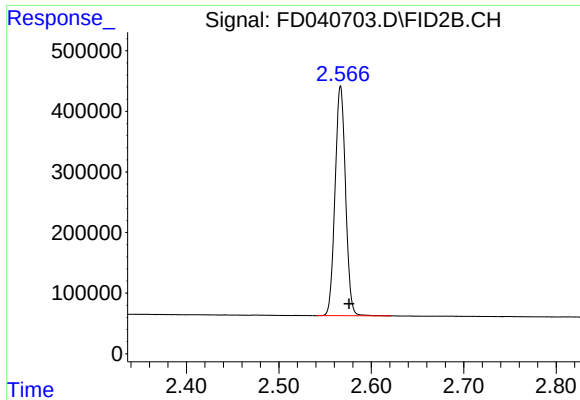
(m)=manual int.

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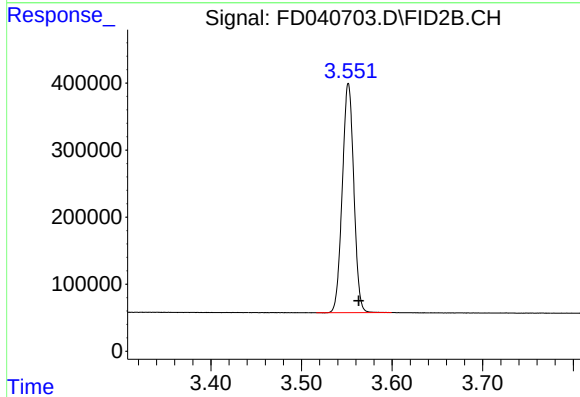
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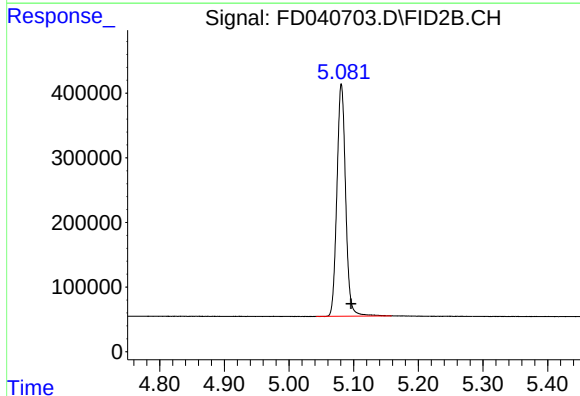
#1 n-Nonane (C9)

R.T.: 2.567 min
Delta R.T.: -0.009 min
Response: 2989294
Conc: 23.28 ug/ml



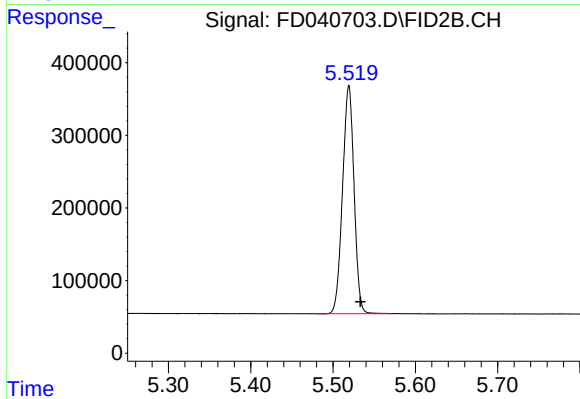
#2 n-Decane (C10)

R.T.: 3.552 min
Delta R.T.: -0.012 min
Response: 3021832
Conc: 23.47 ug/ml



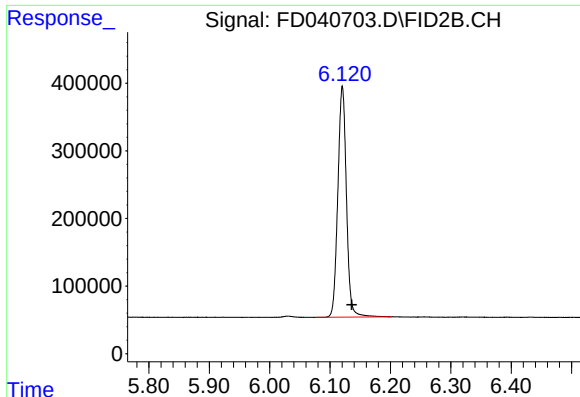
#3 A~Naphthalene (C11.7)

R.T.: 5.081 min
Delta R.T.: -0.015 min
Response: 3369320
Conc: 23.72 ug/ml



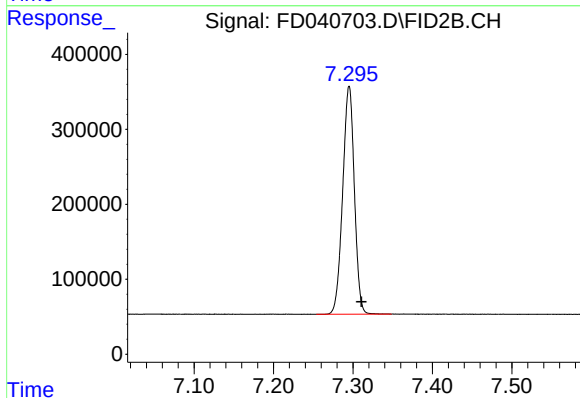
#4 n-Dodecane (C12)

R.T.: 5.519 min
Delta R.T.: -0.014 min
Response: 3057124
Conc: 23.92 ug/ml



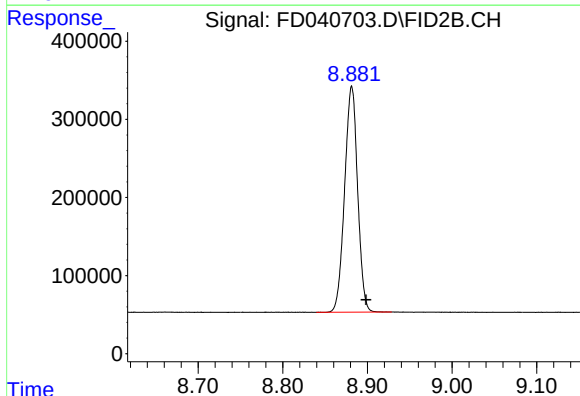
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.120 min
Delta R.T.: -0.016 min
Response: 3382431
Conc: 23.98 ug/ml



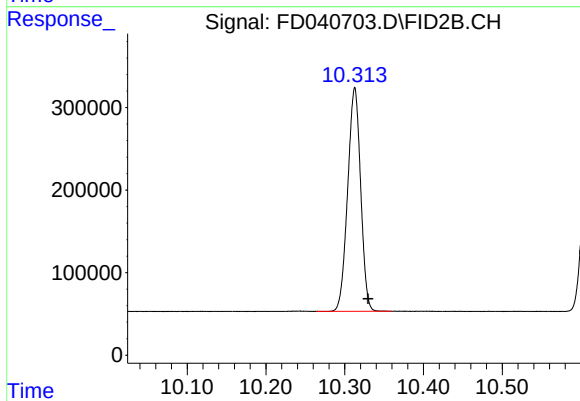
#6 n-Tetradecane (C14)

R.T.: 7.295 min
Delta R.T.: -0.015 min
Response: 3110352
Conc: 24.01 ug/ml



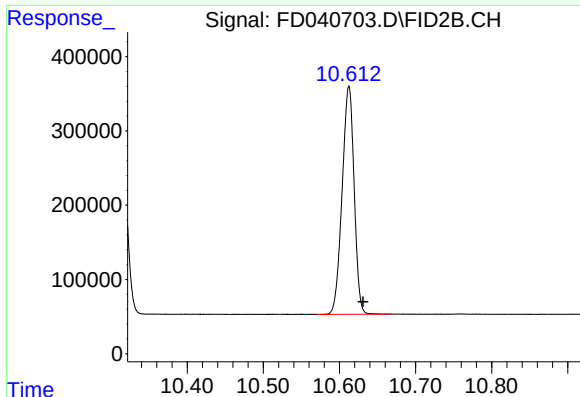
#7 n-Hexadecane (C16)

R.T.: 8.882 min
Delta R.T.: -0.017 min
Response: 3087855
Conc: 23.70 ug/ml



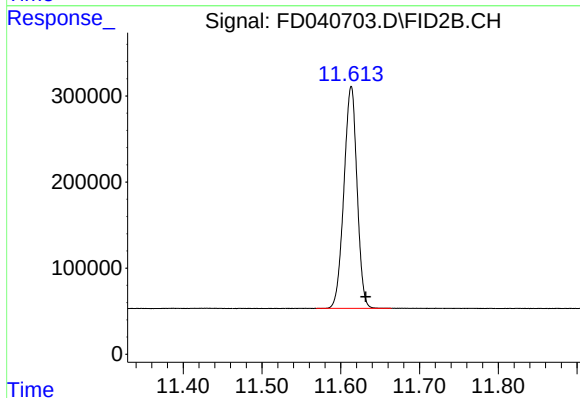
#8 n-Octadecane (C18)

R.T.: 10.313 min
Delta R.T.: -0.017 min
Response: 3098596
Conc: 22.87 ug/ml



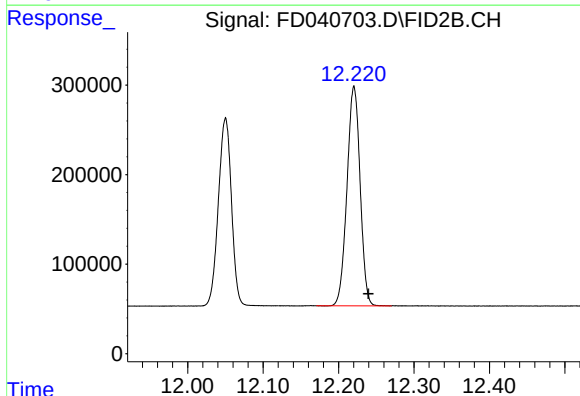
#9 ortho-Terphenyl (SURR)

R.T.: 10.613 min
Delta R.T.: -0.019 min
Response: 3367756
Conc: 21.84 ug/ml



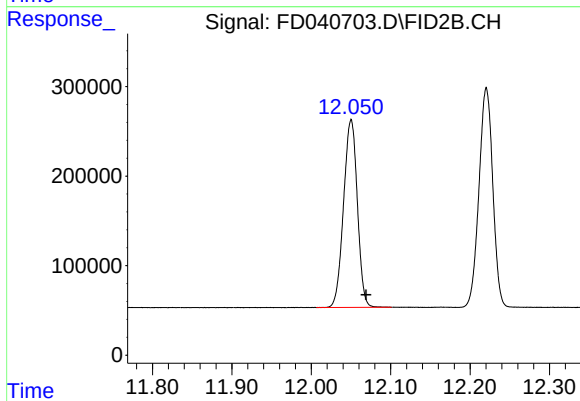
#10 n-Eicosane (C20)

R.T.: 11.613 min
Delta R.T.: -0.018 min
Response: 2988769
Conc: 21.97 ug/ml



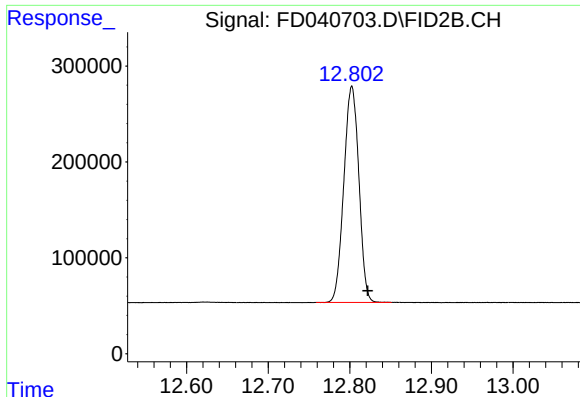
#11 n-Heneicosane (C21)

R.T.: 12.220 min
Delta R.T.: -0.019 min
Response: 2965256
Conc: 21.41 ug/ml



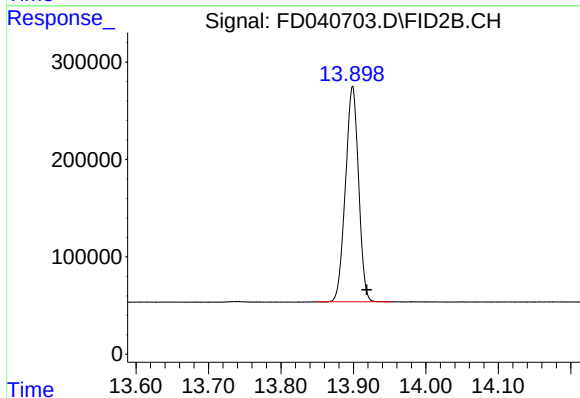
#12 1-chlorooctadecane (SURR)

R.T.: 12.050 min
Delta R.T.: -0.019 min
Response: 2529075
Conc: 21.49 ug/ml



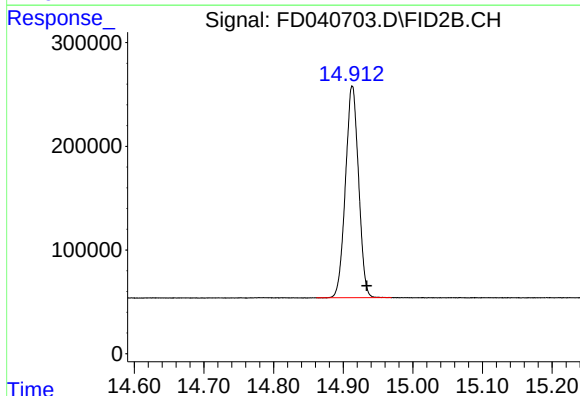
#13 n-Docosane (C22)

R.T.: 12.802 min
Delta R.T.: -0.019 min
Response: 2889157
Conc: 20.95 ug/ml



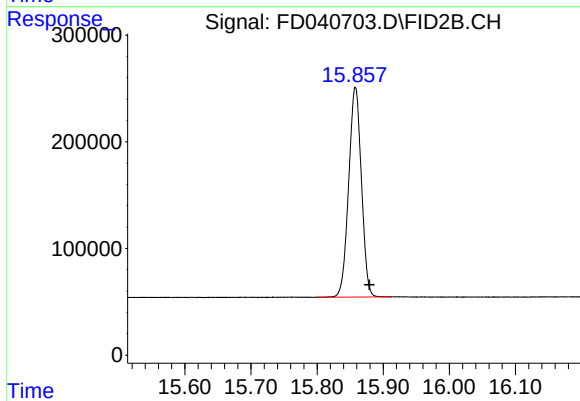
#14 n-Tetracosane (C24)

R.T.: 13.899 min
Delta R.T.: -0.020 min
Response: 2790173
Conc: 19.95 ug/ml



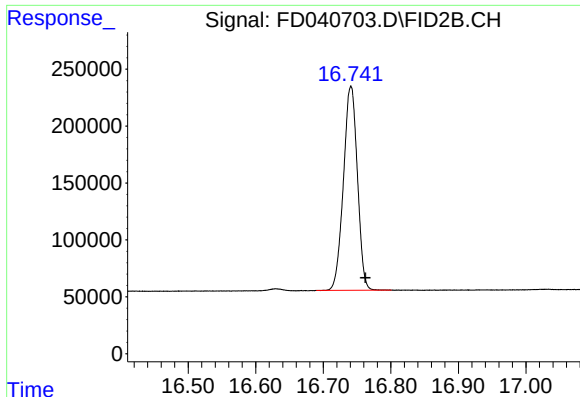
#15 n-Hexacosane (C26)

R.T.: 14.913 min
Delta R.T.: -0.021 min
Response: 2674541
Conc: 19.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.858 min
Delta R.T.: -0.022 min
Response: 2628815
Conc: 19.37 ug/ml



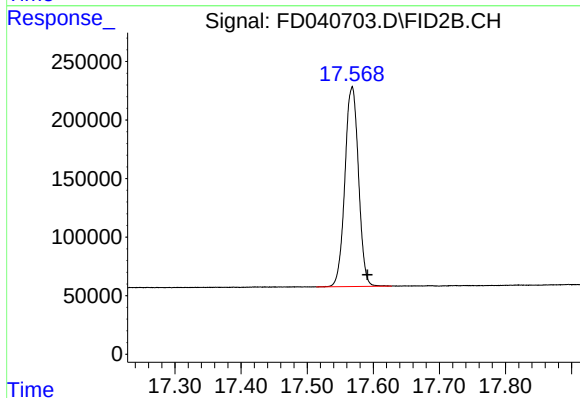
#17 n-Tricontane (C30)

R.T.: 16.741 min

Delta R.T.: -0.021 min

Response: 2575282

Conc: 19.76 ug/ml



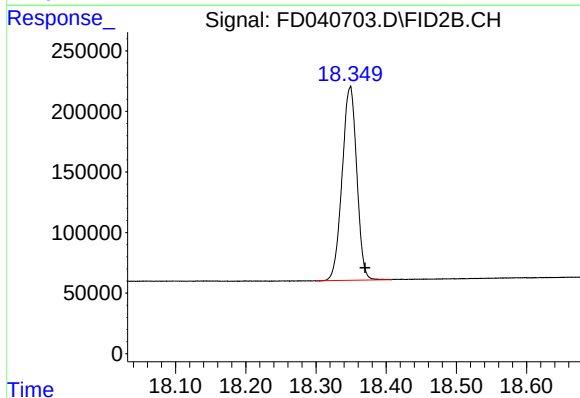
#18 n-Dotriacontane (C32)

R.T.: 17.568 min

Delta R.T.: -0.023 min

Response: 2437531

Conc: 20.39 ug/ml



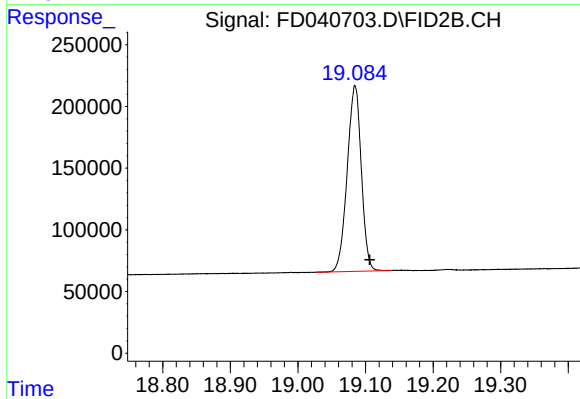
#19 n-Tetratriacontane (C34)

R.T.: 18.349 min

Delta R.T.: -0.021 min

Response: 2315122

Conc: 21.99 ug/ml



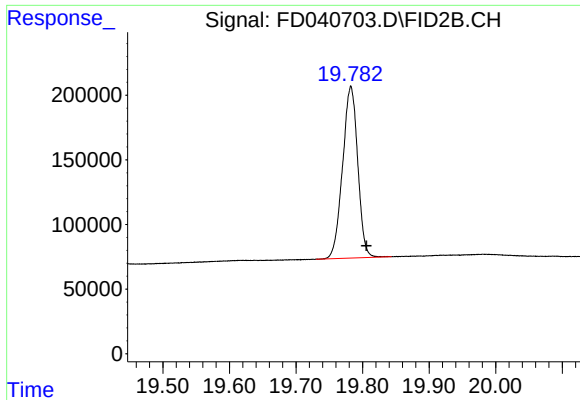
#20 n-Hexatriacontane (C36)

R.T.: 19.085 min

Delta R.T.: -0.022 min

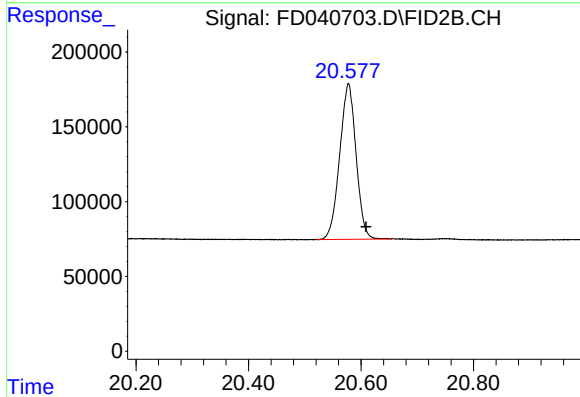
Response: 2183912

Conc: 21.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.782 min
Delta R.T.: -0.023 min
Response: 2097203
Conc: 23.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.578 min
Delta R.T.: -0.031 min
Response: 2101017
Conc: 24.58 ug/ml