

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121421AL\
 Data File : FC057467.D
 Signal(s) : FID1A.CH
 Acq On : 15 Dec 2021 1:43
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 15 04:54:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 2021
 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)	10.862	2688436	19.320 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
12) S 1-chlorooctadecane (S...	12.296	2077702	18.762 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
Target Compounds			
1) T n-Nonane (C9)	2.714	2389528	19.341 ug/mlm
2) T n-Decane (C10)	3.722	2409150	19.342 ug/ml
3) T A~Naphthalene (C11.7)	5.287	2700576	19.466 ug/mlm
4) T n-Dodecane (C12)	5.712	2385916	19.320 ug/ml
5) T A~2-methylnaphthalene...	6.336	2722697	19.470 ug/ml
6) T n-Tetradecane (C14)	7.502	2379379	19.215 ug/ml
7) T n-Hexadecane (C16)	9.102	2405966	19.188 ug/ml
8) T n-Octadecane (C18)	10.543	2482823	19.181 ug/ml
10) T n-Eicosane (C20)	11.852	2448340	18.846 ug/ml
11) T n-Heneicosane (C21)	12.463	2462211	18.761 ug/ml
13) T n-Docosane (C22)	13.050	2462907	18.738 ug/ml
14) T n-Tetracosane (C24)	14.150	2471856	18.585 ug/mlm
15) T n-Hexacosane (C26)	15.172	2449693	18.682 ug/mlm
16) T n-Octacosane (C28)	16.121	2453616	18.658 ug/mlm
17) T n-Tricontane (C30)	17.009	2464709	18.034 ug/mlm
18) T n-Dotriacontane (C32)	17.841	2425109	18.087 ug/mlm
19) T n-Tetratriacontane (C34)	18.625	2365237	18.139 ug/mlm
20) T n-Hexatriacontane (C36)	19.366	2233979	18.814 ug/mlm
21) T n-Octatriacontane (C38)	20.098	2077061	18.911 ug/ml
22) T n-Tetracontane (C40)	20.998	2004745	20.079 ug/ml

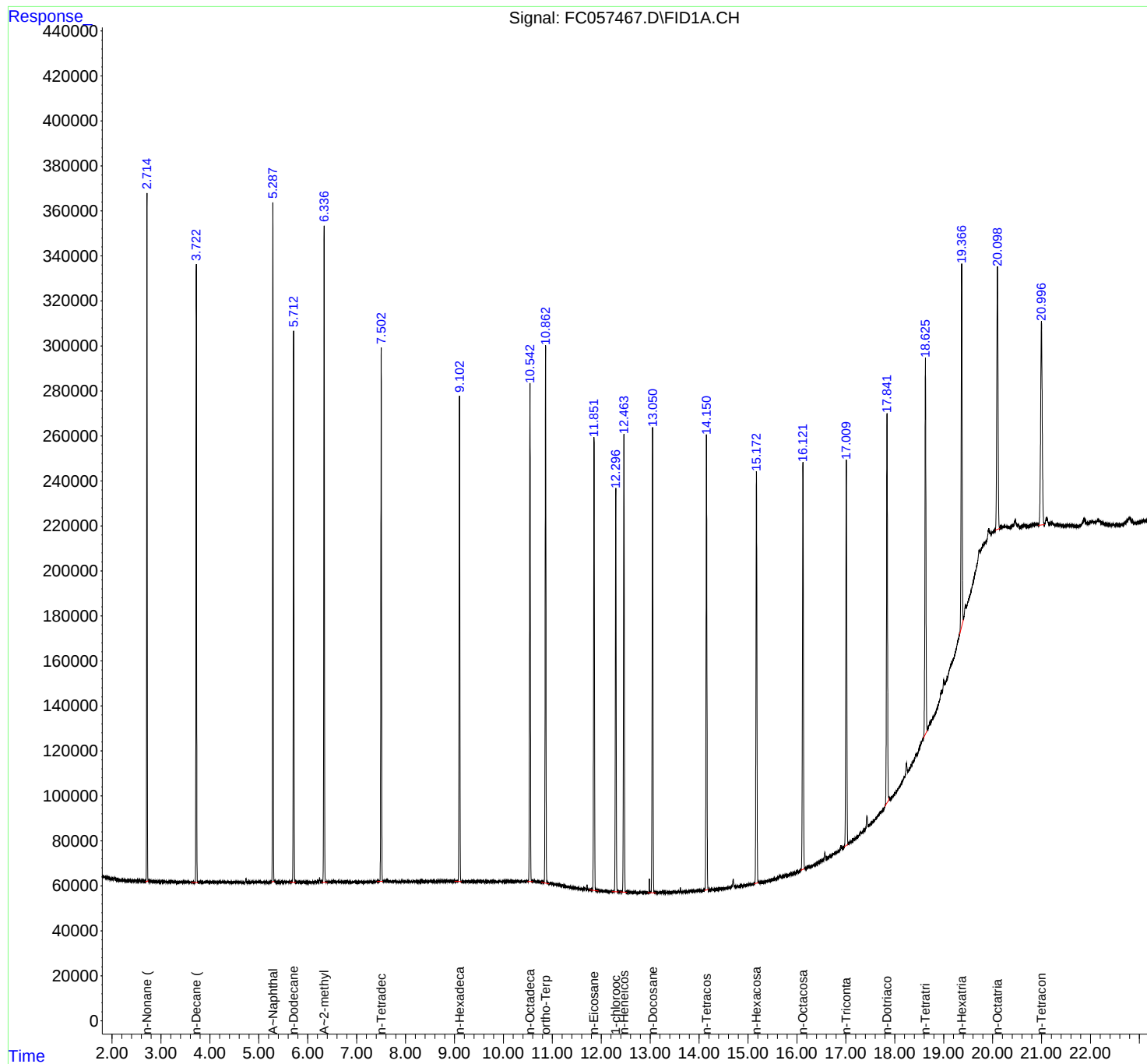
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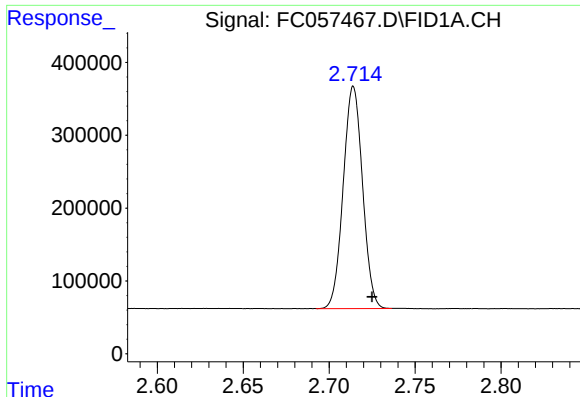
(m)=manual int.

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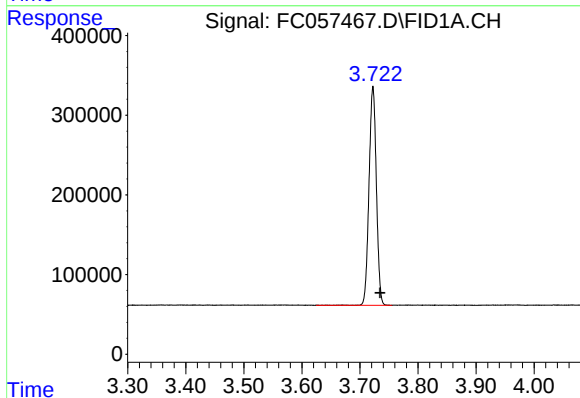
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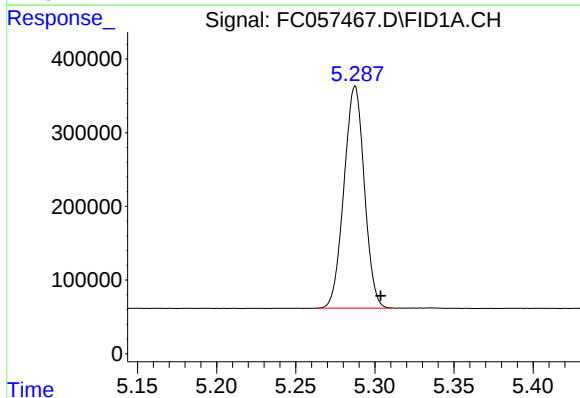
#1 n-Nonane (C9)

R.T.: 2.714 min
Delta R.T.: -0.011 min
Response: 2389528
Conc: 19.34 ug/ml m



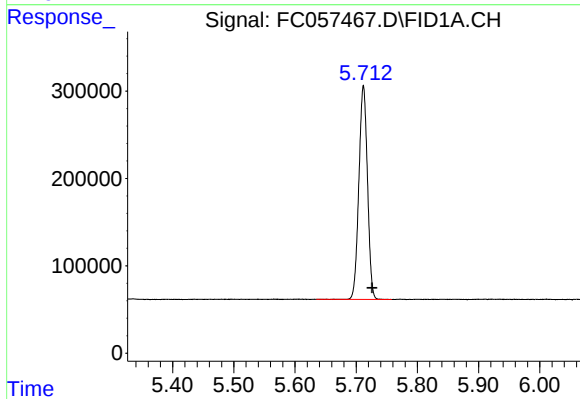
#2 n-Decane (C10)

R.T.: 3.722 min
Delta R.T.: -0.013 min
Response: 2409150
Conc: 19.34 ug/ml



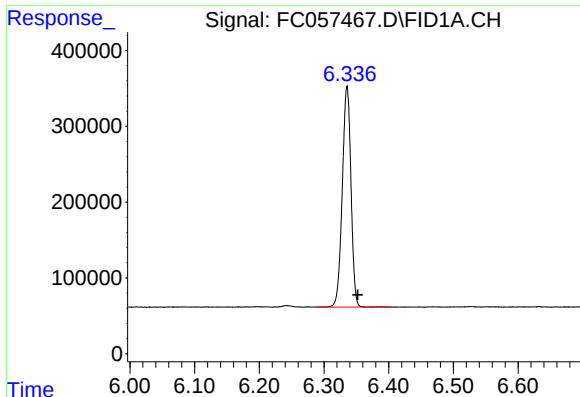
#3 A~Naphthalene (C11.7)

R.T.: 5.287 min
Delta R.T.: -0.016 min
Response: 2700576
Conc: 19.47 ug/ml m



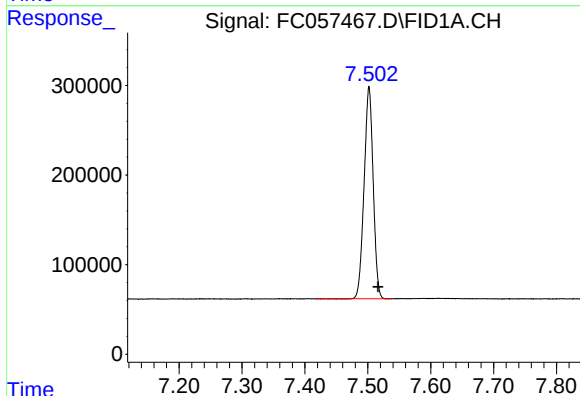
#4 n-Dodecane (C12)

R.T.: 5.712 min
Delta R.T.: -0.014 min
Response: 2385916
Conc: 19.32 ug/ml



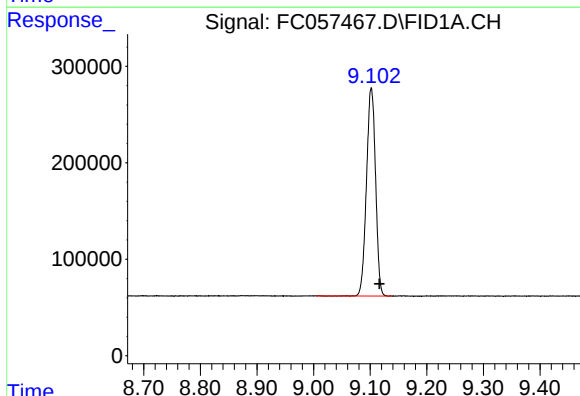
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.336 min
Delta R.T.: -0.017 min
Response: 2722697
Conc: 19.47 ug/ml



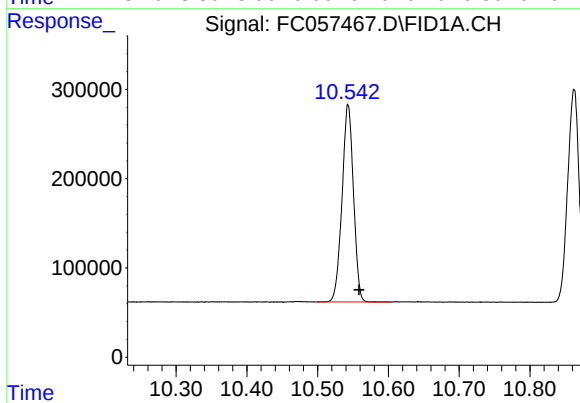
#6 n-Tetradecane (C14)

R.T.: 7.502 min
Delta R.T.: -0.014 min
Response: 2379379
Conc: 19.22 ug/ml



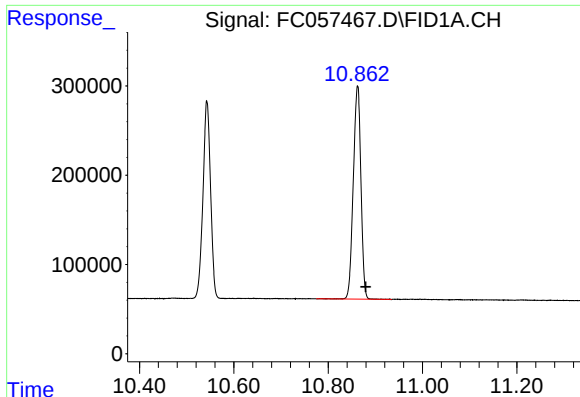
#7 n-Hexadecane (C16)

R.T.: 9.102 min
Delta R.T.: -0.015 min
Response: 2405966
Conc: 19.19 ug/ml



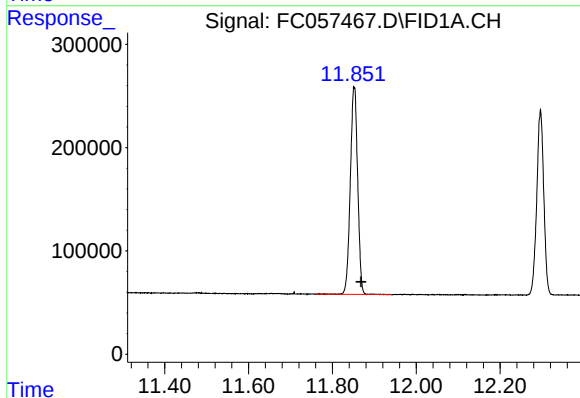
#8 n-Octadecane (C18)

R.T.: 10.543 min
Delta R.T.: -0.016 min
Response: 2482823
Conc: 19.18 ug/ml



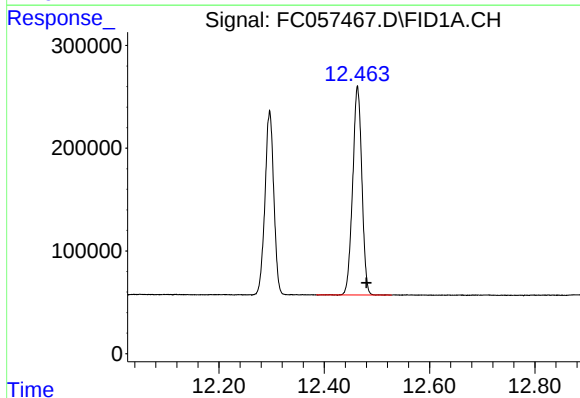
#9 ortho-Terphenyl (SURR)

R.T.: 10.862 min
Delta R.T.: -0.017 min
Response: 2688436
Conc: 19.32 ug/ml



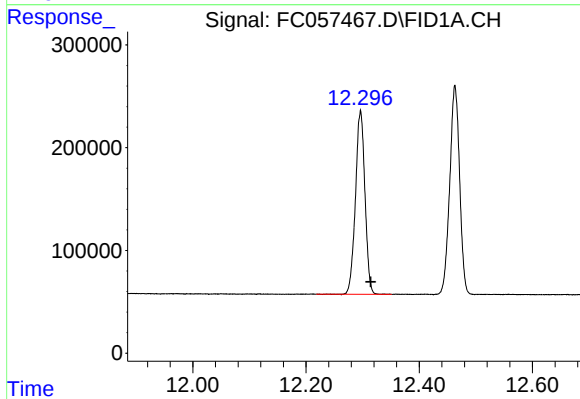
#10 n-Eicosane (C20)

R.T.: 11.852 min
Delta R.T.: -0.016 min
Response: 2448340
Conc: 18.85 ug/ml



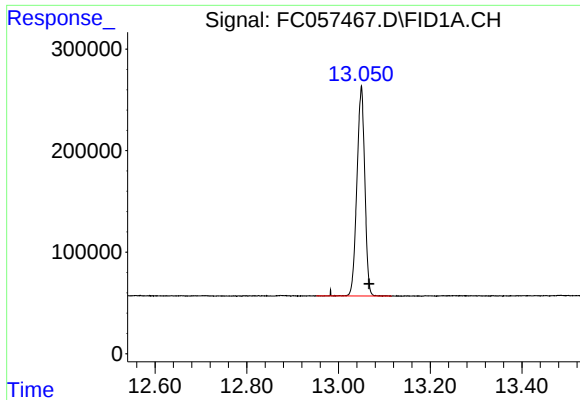
#11 n-Heneicosane (C21)

R.T.: 12.463 min
Delta R.T.: -0.017 min
Response: 2462211
Conc: 18.76 ug/ml



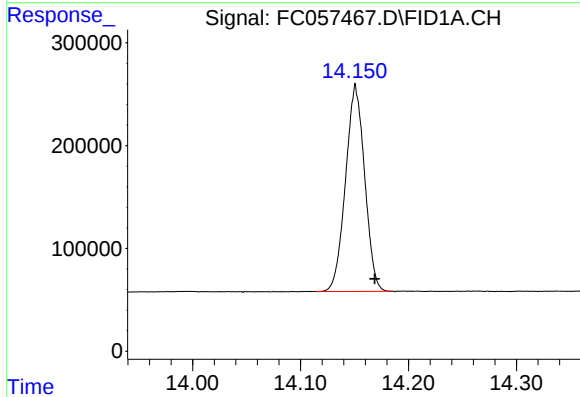
#12 1-chlorooctadecane (SURR)

R.T.: 12.296 min
Delta R.T.: -0.018 min
Response: 2077702
Conc: 18.76 ug/ml



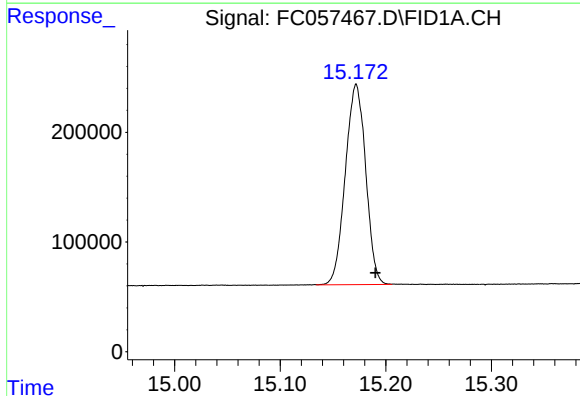
#13 n-Docosane (C22)

R.T.: 13.050 min
Delta R.T.: -0.017 min
Response: 2462907
Conc: 18.74 ug/ml



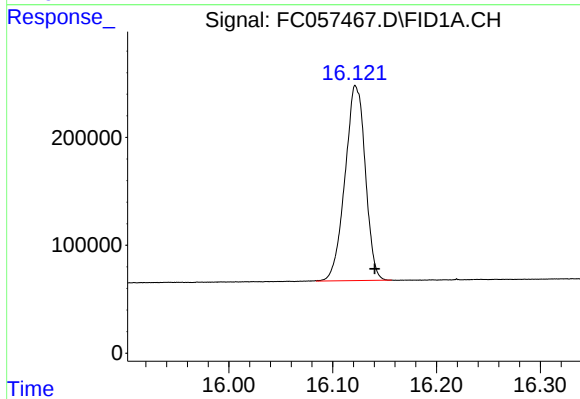
#14 n-Tetracosane (C24)

R.T.: 14.150 min
Delta R.T.: -0.018 min
Response: 2471856
Conc: 18.59 ug/ml m



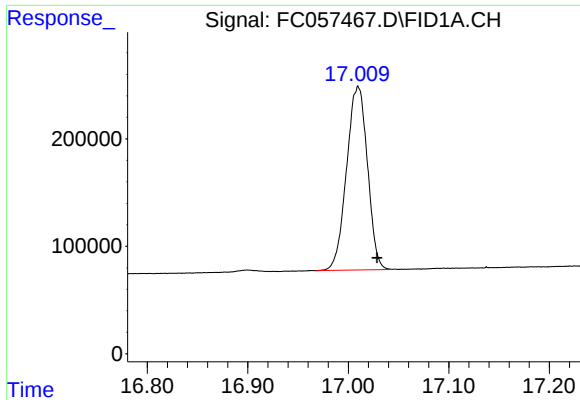
#15 n-Hexacosane (C26)

R.T.: 15.172 min
Delta R.T.: -0.019 min
Response: 2449693
Conc: 18.68 ug/ml m



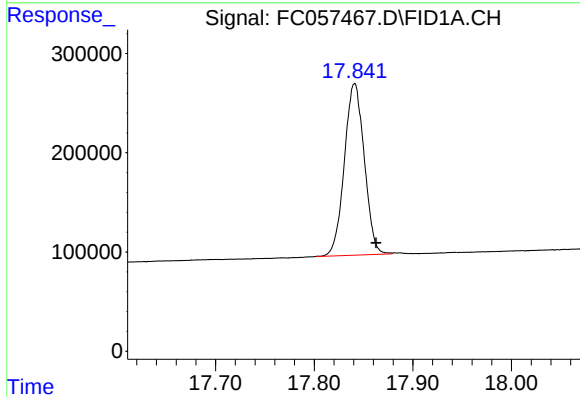
#16 n-Octacosane (C28)

R.T.: 16.121 min
Delta R.T.: -0.019 min
Response: 2453616
Conc: 18.66 ug/ml m



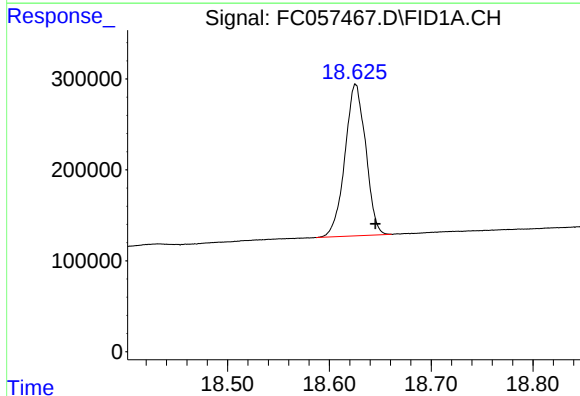
#17 n-Tricontane (C30)

R.T.: 17.009 min
Delta R.T.: -0.019 min
Response: 2464709
Conc: 18.03 ug/ml m



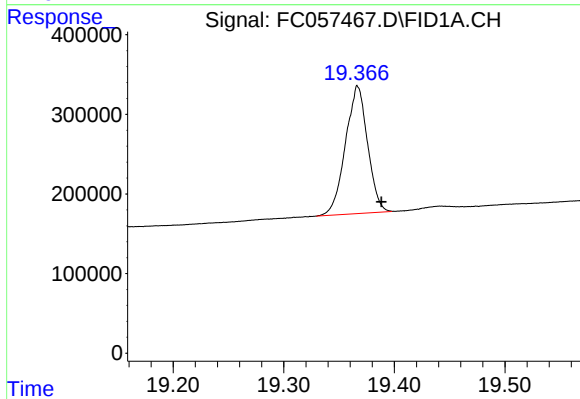
#18 n-Dotriacontane (C32)

R.T.: 17.841 min
Delta R.T.: -0.022 min
Response: 2425109
Conc: 18.09 ug/ml m



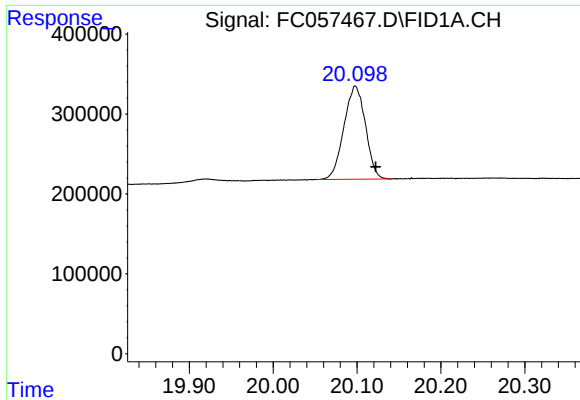
#19 n-Tetratriacontane (C34)

R.T.: 18.625 min
Delta R.T.: -0.020 min
Response: 2365237
Conc: 18.14 ug/ml m



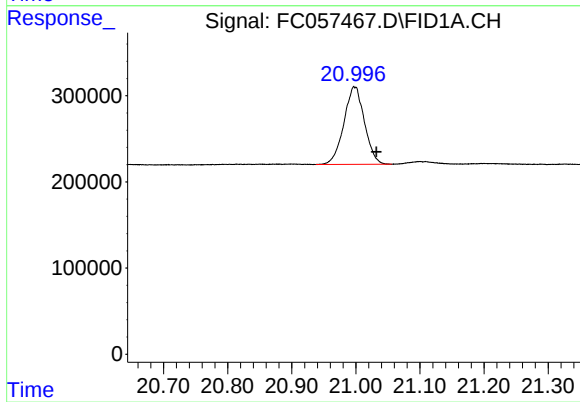
#20 n-Hexatriacontane (C36)

R.T.: 19.366 min
Delta R.T.: -0.022 min
Response: 2233979
Conc: 18.81 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.098 min
Delta R.T.: -0.024 min
Response: 2077061
Conc: 18.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.998 min
Delta R.T.: -0.034 min
Response: 2004745
Conc: 20.08 ug/ml