

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111021AL\
 Data File : FC056723.D
 Signal(s) : FID1A.CH
 Acq On : 11 Nov 2021 8:00
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 11 08:26:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.609	2512469	20.292 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
12) S 1-chlorooctadecane (S...	13.039	1952381	20.290 ug/ml
Spiked Amount 50.000		Recovery =	40.58%
Target Compounds			
1) T n-Nonane (C9)	3.369	2473016	22.849 ug/ml
2) T n-Decane (C10)	4.437	2519755	23.392 ug/ml
3) T A~Naphthalene (C11.7)	6.027	2800998	22.974 ug/ml
4) T n-Dodecane (C12)	6.455	2546106	23.096 ug/ml
5) T A~2-methylnaphthalene...	7.084	2787211	22.760 ug/ml
6) T n-Tetradecane (C14)	8.249	2535016	22.580 ug/ml
7) T n-Hexadecane (C16)	9.849	2494222	21.939 ug/ml
8) T n-Octadecane (C18)	11.289	2499108	21.386 ug/ml
10) T n-Eicosane (C20)	12.595	2380529	20.713 ug/ml
11) T n-Heneicosane (C21)	13.205	2342598	20.384 ug/ml
13) T n-Docosane (C22)	13.790	2275743	20.214 ug/ml
14) T n-Tetracosane (C24)	14.890	2185206	19.829 ug/ml
15) T n-Hexacosane (C26)	15.907	2092890	19.829 ug/ml
16) T n-Octacosane (C28)	16.852	2051838	19.781 ug/ml
17) T n-Tricontane (C30)	17.737	2020180	19.498 ug/ml
18) T n-Dotriacontane (C32)	18.565	2010315	20.983 ug/ml
19) T n-Tetratriacontane (C34)	19.345	2041668	23.278 ug/ml
20) T n-Hexatriacontane (C36)	20.081	2023089	24.717 ug/ml
21) T n-Octatriacontane (C38)	20.814	1990816	24.893 ug/ml
22) T n-Tetracontane (C40)	21.724	2034641	24.695 ug/ml

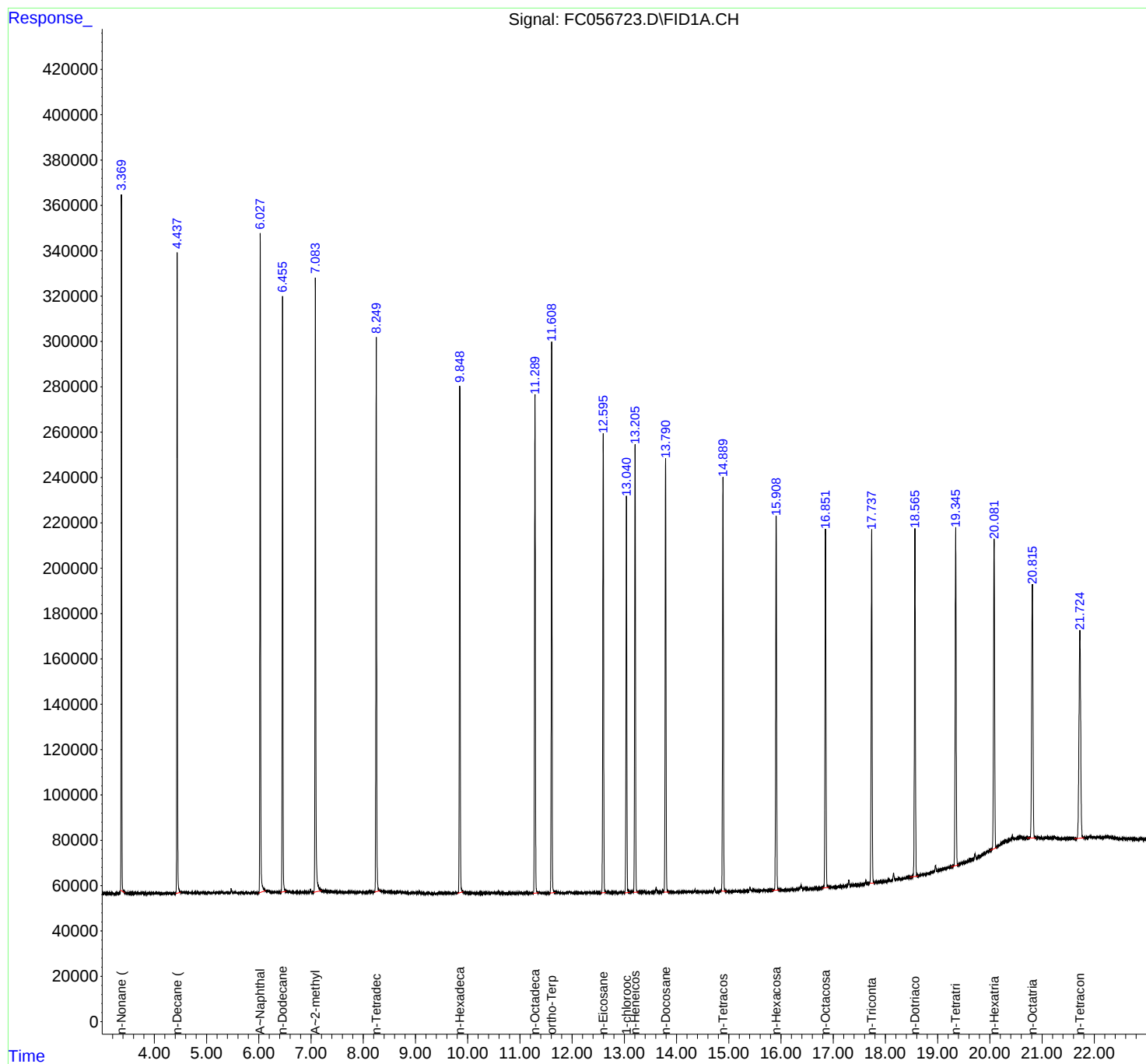
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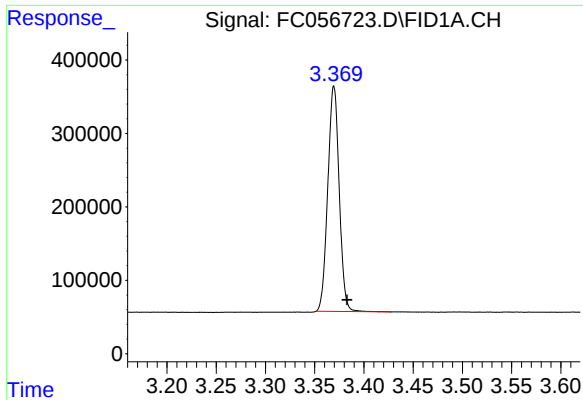
(m)=manual int.

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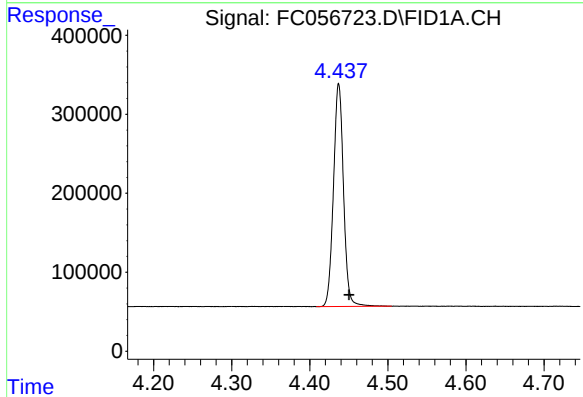
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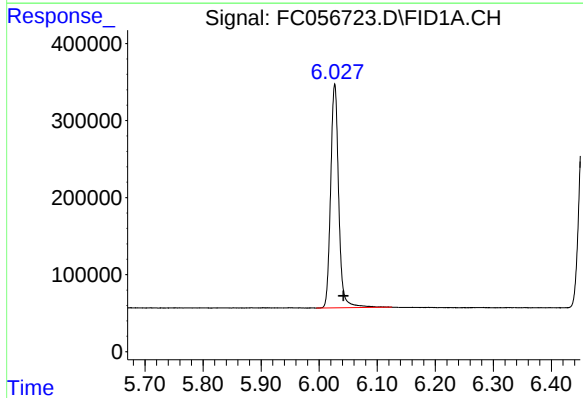
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: -0.014 min
Response: 2473016
Conc: 22.85 ug/ml



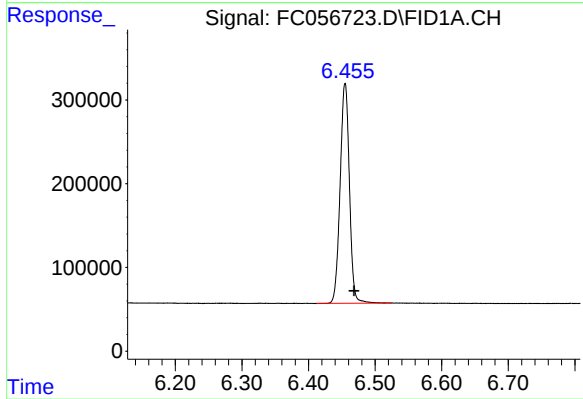
#2 n-Decane (C10)

R.T.: 4.437 min
Delta R.T.: -0.013 min
Response: 2519755
Conc: 23.39 ug/ml



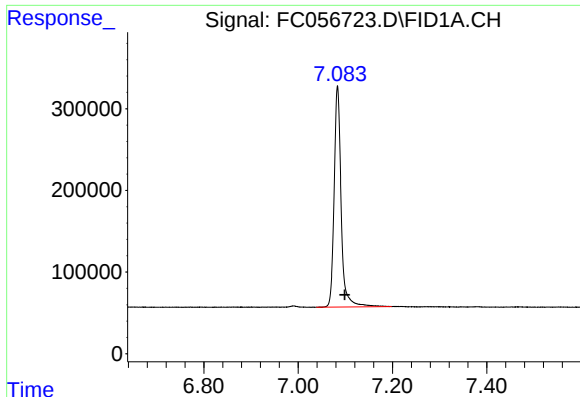
#3 A~Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.015 min
Response: 2800998
Conc: 22.97 ug/ml



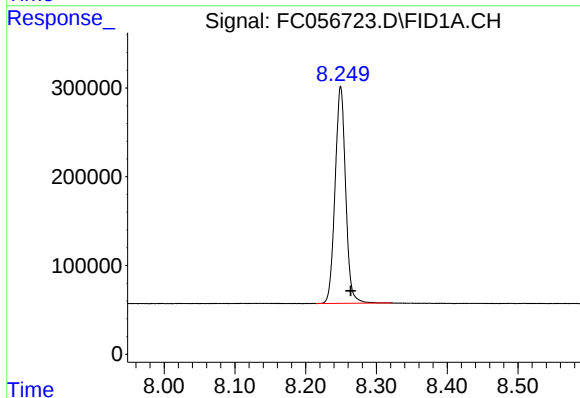
#4 n-Dodecane (C12)

R.T.: 6.455 min
Delta R.T.: -0.014 min
Response: 2546106
Conc: 23.10 ug/ml



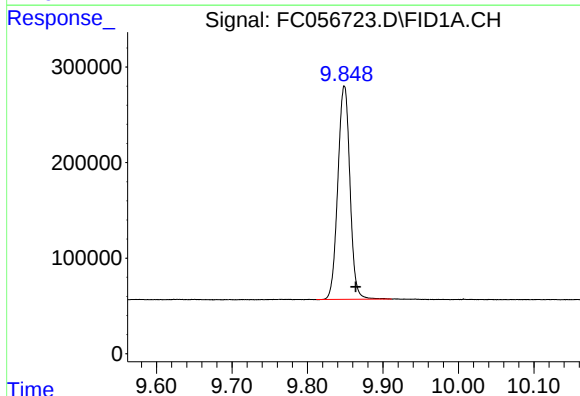
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: -0.015 min
Response: 2787211
Conc: 22.76 ug/ml



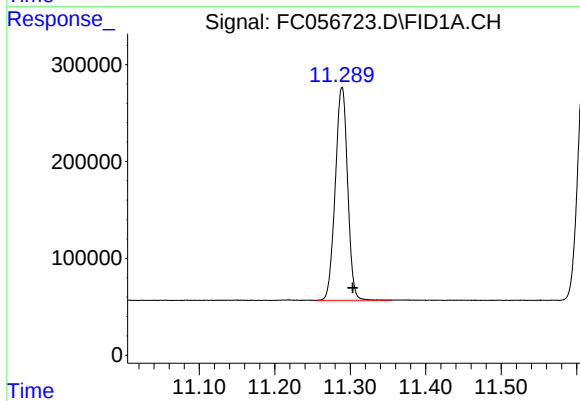
#6 n-Tetradecane (C14)

R.T.: 8.249 min
Delta R.T.: -0.014 min
Response: 2535016
Conc: 22.58 ug/ml



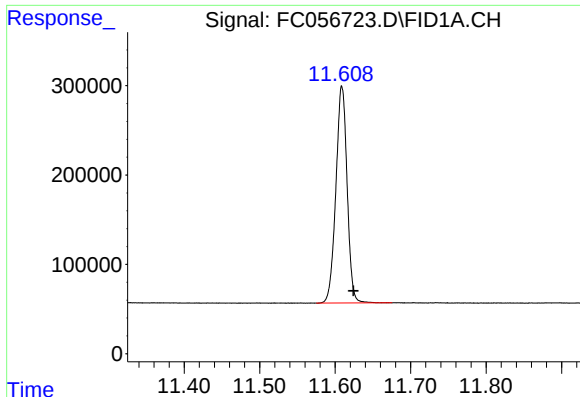
#7 n-Hexadecane (C16)

R.T.: 9.849 min
Delta R.T.: -0.015 min
Response: 2494222
Conc: 21.94 ug/ml



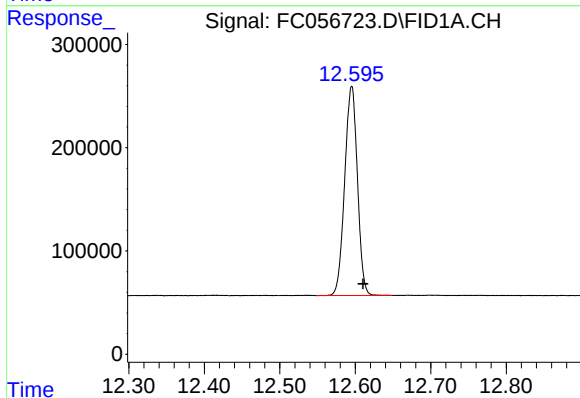
#8 n-Octadecane (C18)

R.T.: 11.289 min
Delta R.T.: -0.014 min
Response: 2499108
Conc: 21.39 ug/ml



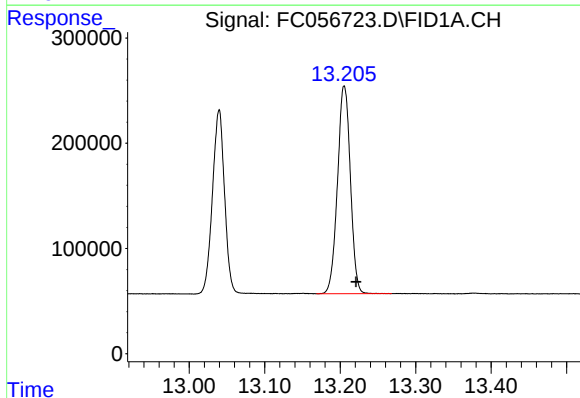
#9 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: -0.015 min
Response: 2512469
Conc: 20.29 ug/ml



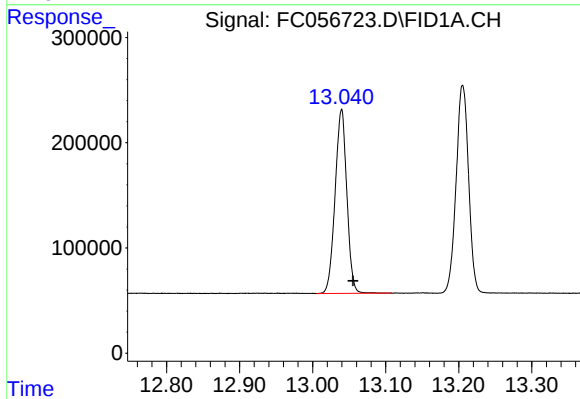
#10 n-Eicosane (C20)

R.T.: 12.595 min
Delta R.T.: -0.015 min
Response: 2380529
Conc: 20.71 ug/ml



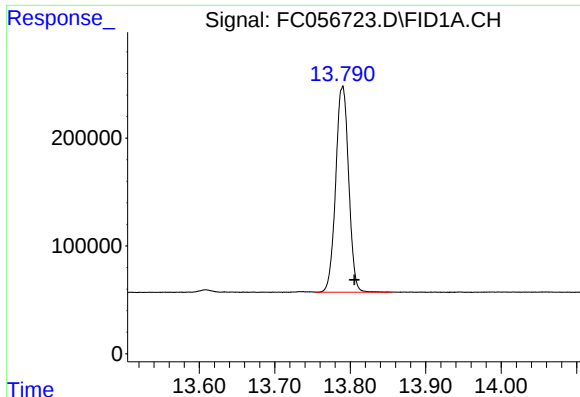
#11 n-Heneicosane (C21)

R.T.: 13.205 min
Delta R.T.: -0.016 min
Response: 2342598
Conc: 20.38 ug/ml



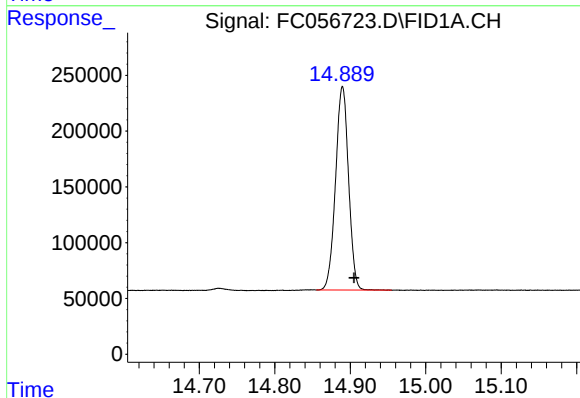
#12 1-chlorooctadecane (SURR)

R.T.: 13.039 min
Delta R.T.: -0.016 min
Response: 1952381
Conc: 20.29 ug/ml



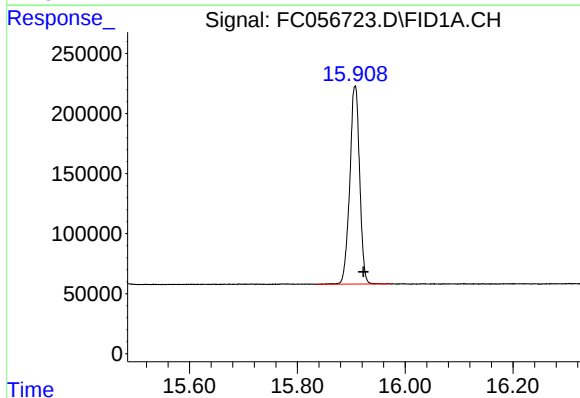
#13 n-Docosane (C22)

R.T.: 13.790 min
Delta R.T.: -0.016 min
Response: 2275743
Conc: 20.21 ug/ml



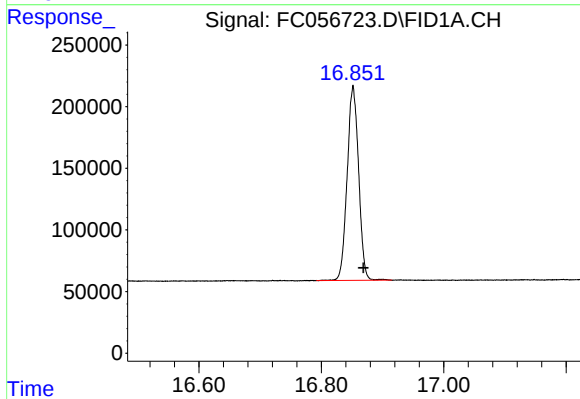
#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: -0.015 min
Response: 2185206
Conc: 19.83 ug/ml



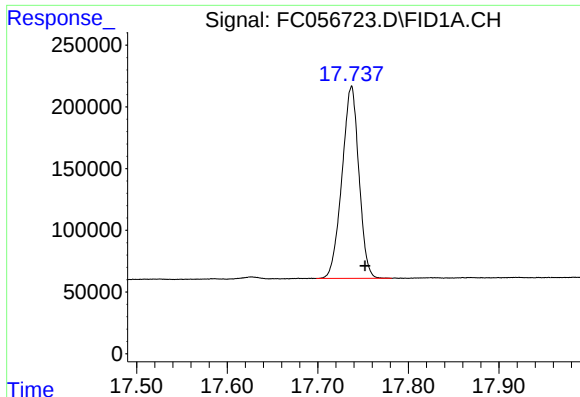
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.016 min
Response: 2092890
Conc: 19.83 ug/ml



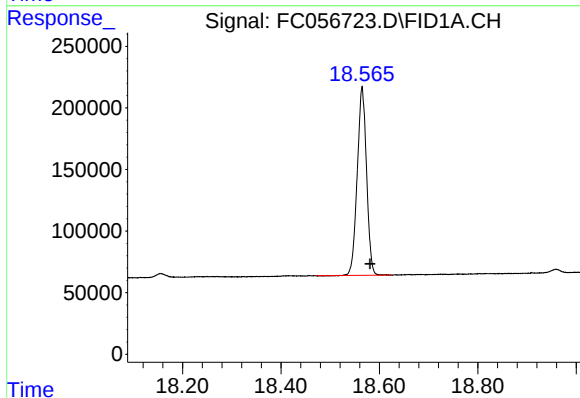
#16 n-Octacosane (C28)

R.T.: 16.852 min
Delta R.T.: -0.017 min
Response: 2051838
Conc: 19.78 ug/ml



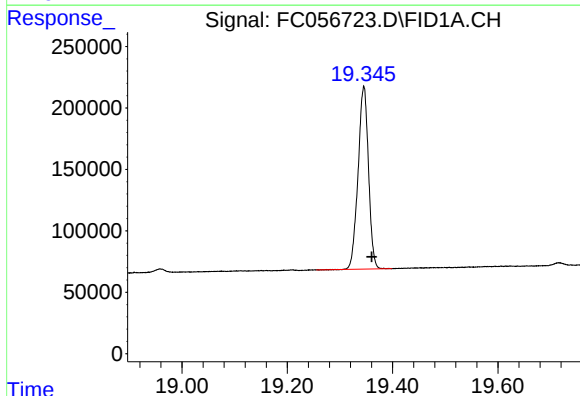
#17 n-Tricontane (C30)

R.T.: 17.737 min
Delta R.T.: -0.015 min
Response: 2020180
Conc: 19.50 ug/ml



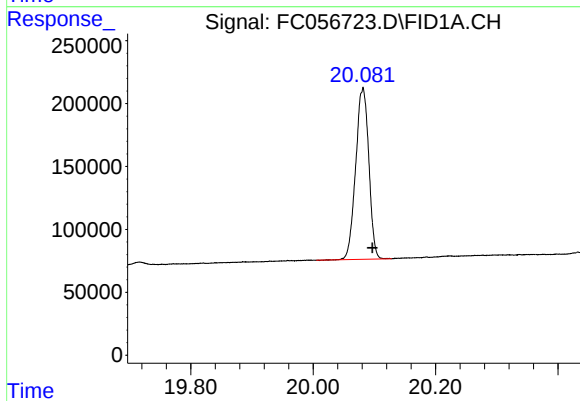
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.016 min
Response: 2010315
Conc: 20.98 ug/ml



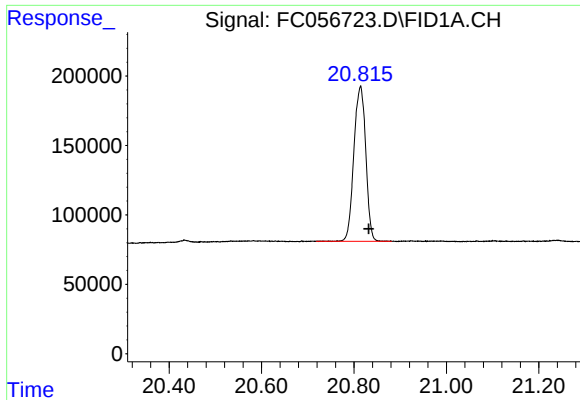
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.015 min
Response: 2041668
Conc: 23.28 ug/ml



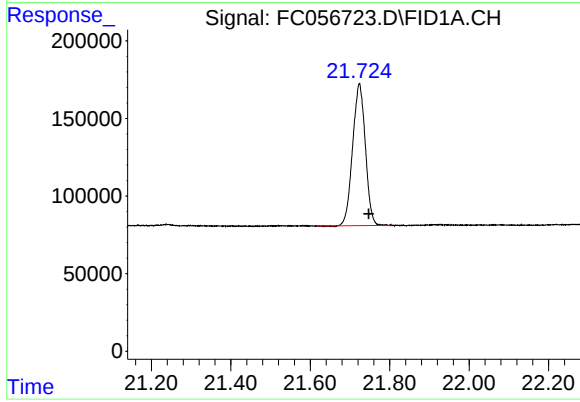
#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: -0.016 min
Response: 2023089
Conc: 24.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: -0.018 min
Response: 1990816
Conc: 24.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.724 min
Delta R.T.: -0.023 min
Response: 2034641
Conc: 24.70 ug/ml