

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031822AL\
 Data File : FD041636.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2022 18:22
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 19 00:51:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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)	11.232	3264101	18.817 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
12) S 1-chlorooctadecane (S...	12.672	2524610	18.648 ug/ml
Spiked Amount 50.000		Recovery =	37.30%
Target Compounds			
1) T n-Nonane (C9)	3.099	2906900	19.962 ug/ml
2) T n-Decane (C10)	4.145	2880303	19.948 ug/ml
3) T A~Naphthalene (C11.7)	5.694	3100035	19.406 ug/ml
4) T n-Dodecane (C12)	6.140	2978247	20.109 ug/ml
5) T A~2-methylnaphthalene...	6.740	3110777	19.439 ug/ml
6) T n-Tetradecane (C14)	7.916	3000688	20.044 ug/ml
7) T n-Hexadecane (C16)	9.503	3017470	19.821 ug/ml
8) T n-Octadecane (C18)	10.934	3035579	19.530 ug/ml
10) T n-Eicosane (C20)	12.233	2990671	19.264 ug/ml
11) T n-Heneicosane (C21)	12.842	2961855	18.915 ug/ml
13) T n-Docosane (C22)	13.425	3007628	19.204 ug/ml
14) T n-Tetracosane (C24)	14.520	3062422	19.524 ug/ml
15) T n-Hexacosane (C26)	15.534	2985833	19.434 ug/ml
16) T n-Octacosane (C28)	16.478	3008137	20.212 ug/ml
17) T n-Tricontane (C30)	17.360	2981859	21.192 ug/ml
18) T n-Dotriacontane (C32)	18.187	2791632	21.942 ug/ml
19) T n-Tetratriacontane (C34)	18.966	2517171	22.100 ug/ml
20) T n-Hexatriacontane (C36)	19.701	2271548	22.163 ug/ml
21) T n-Octatriacontane (C38)	20.398	2238817	23.580 ug/ml
22) T n-Tetracontane (C40)	21.180	2154672	22.735 ug/ml

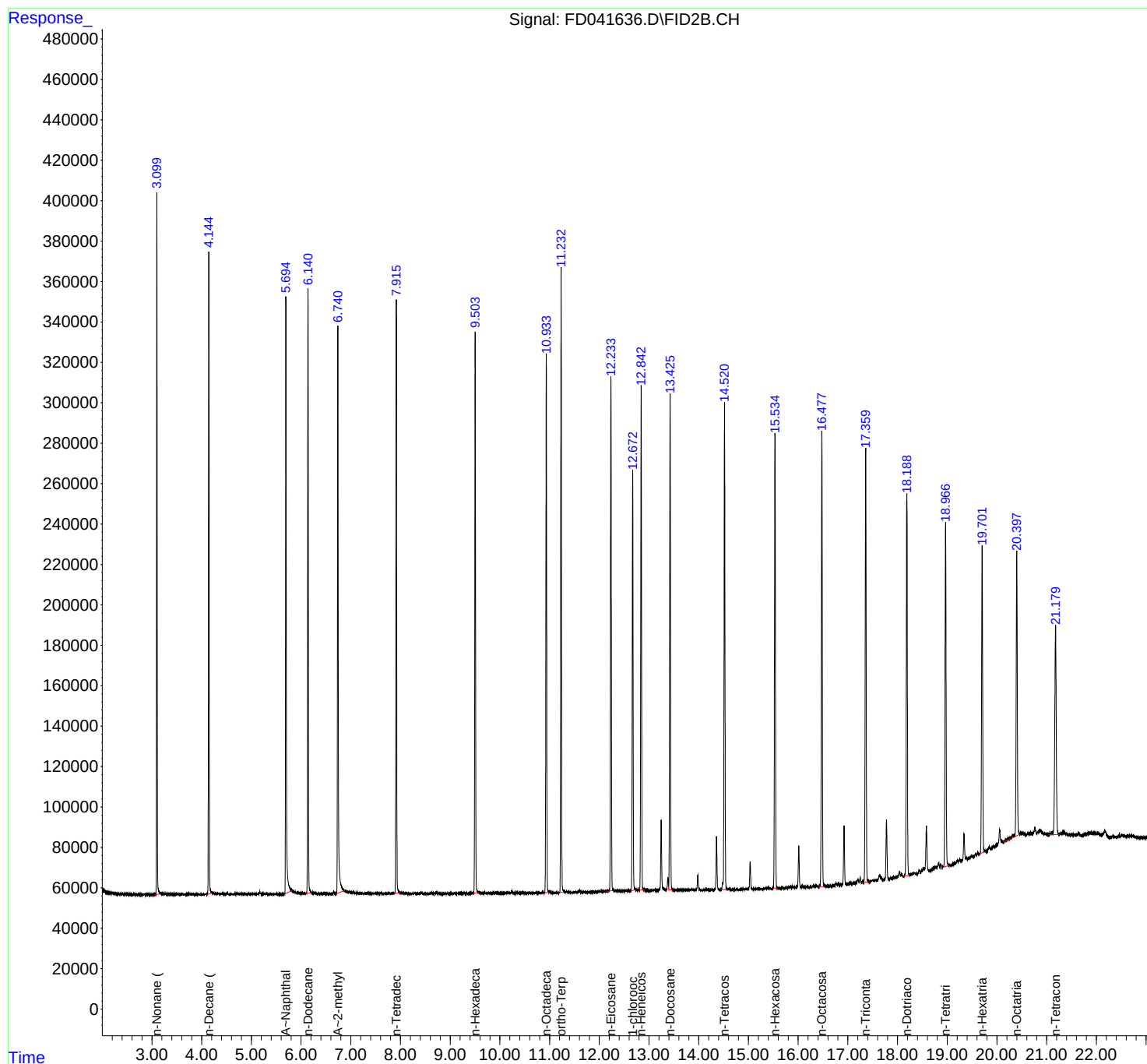
(f)=RT Delta > 1/2 Window

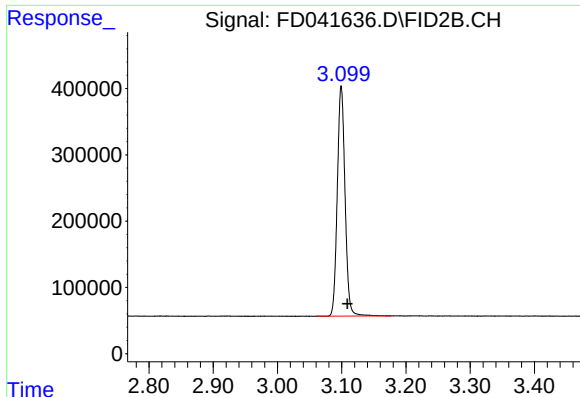
(m)=manual int.

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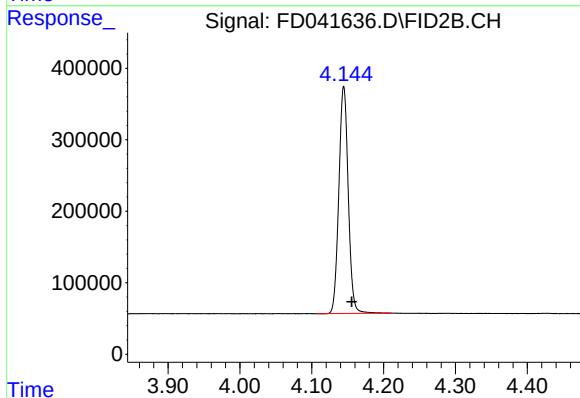
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Signal Info : 20M x 0.18mm x 0.18um





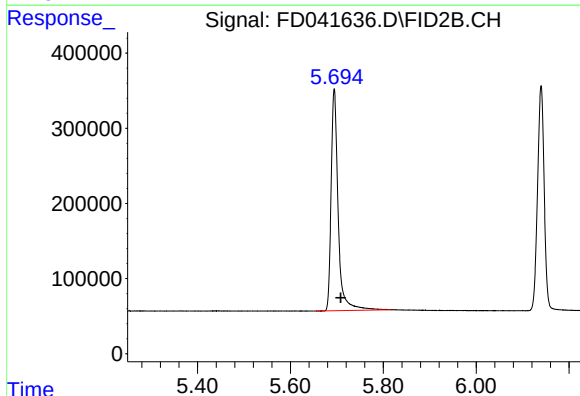
#1 n-Nonane (C9)

R.T.: 3.099 min
Delta R.T.: -0.010 min
Response: 2906900
Conc: 19.96 ug/ml



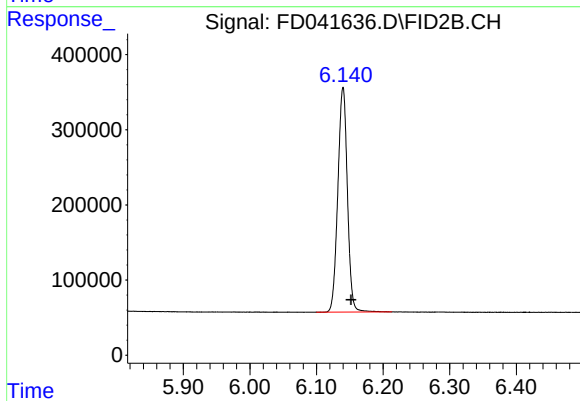
#2 n-Decane (C10)

R.T.: 4.145 min
Delta R.T.: -0.011 min
Response: 2880303
Conc: 19.95 ug/ml



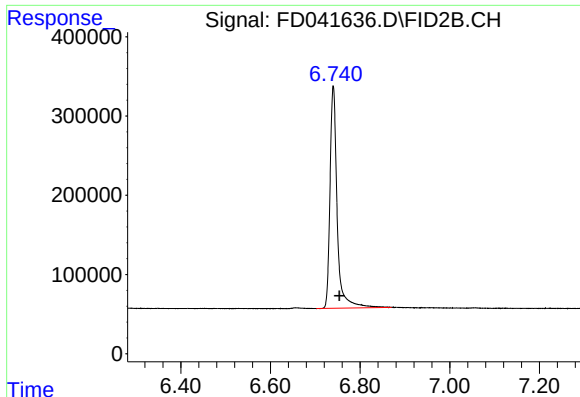
#3 A~Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.014 min
Response: 3100035
Conc: 19.41 ug/ml



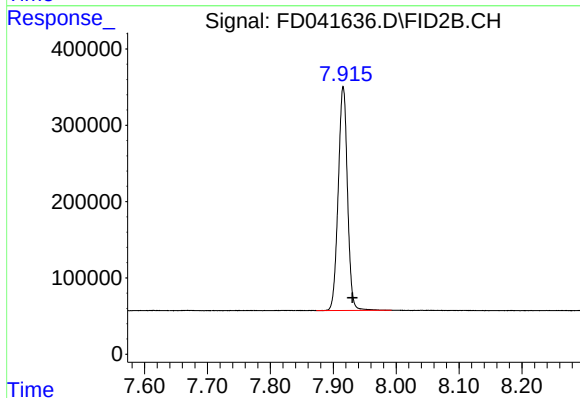
#4 n-Dodecane (C12)

R.T.: 6.140 min
Delta R.T.: -0.012 min
Response: 2978247
Conc: 20.11 ug/ml



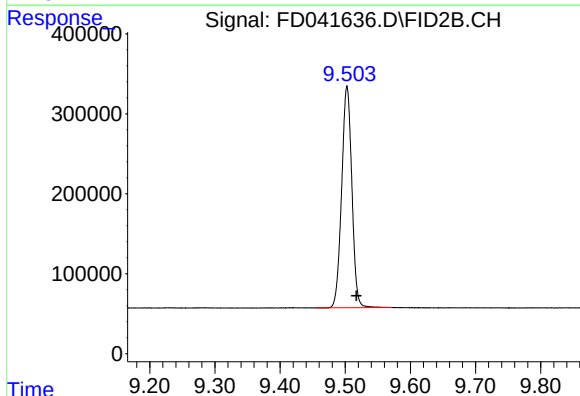
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.013 min
Response: 3110777
Conc: 19.44 ug/ml



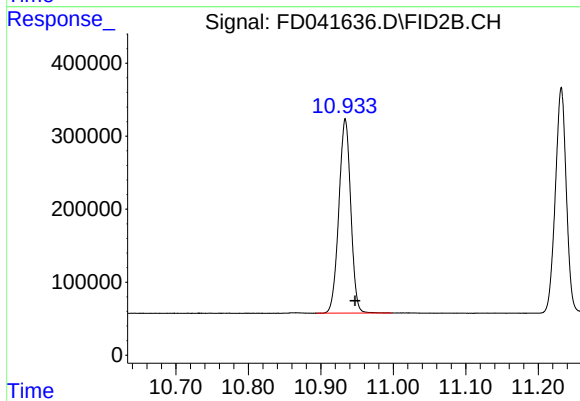
#6 n-Tetradecane (C14)

R.T.: 7.916 min
Delta R.T.: -0.014 min
Response: 3000688
Conc: 20.04 ug/ml



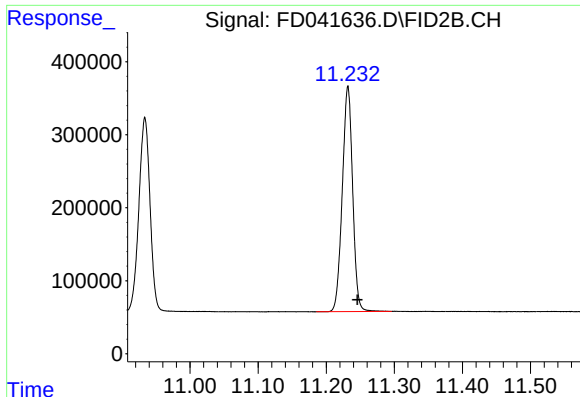
#7 n-Hexadecane (C16)

R.T.: 9.503 min
Delta R.T.: -0.014 min
Response: 3017470
Conc: 19.82 ug/ml



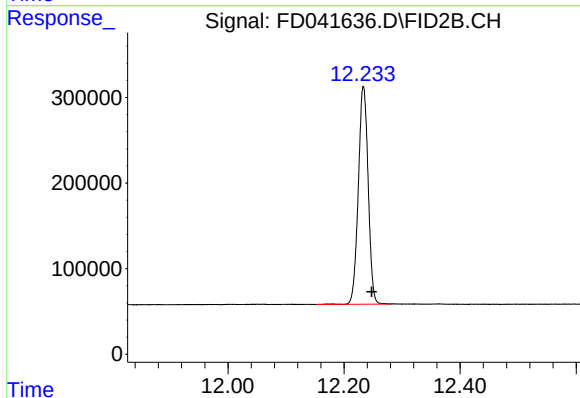
#8 n-Octadecane (C18)

R.T.: 10.934 min
Delta R.T.: -0.014 min
Response: 3035579
Conc: 19.53 ug/ml



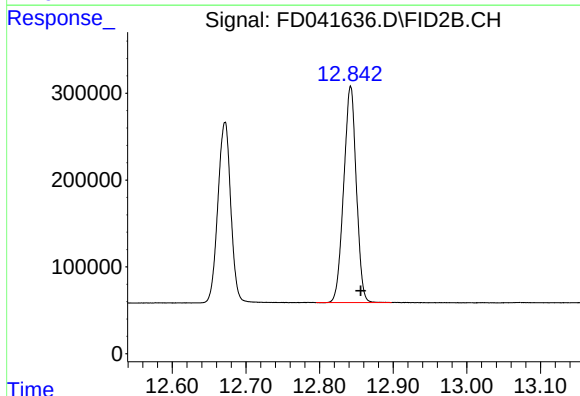
#9 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: -0.014 min
Response: 3264101
Conc: 18.82 ug/ml



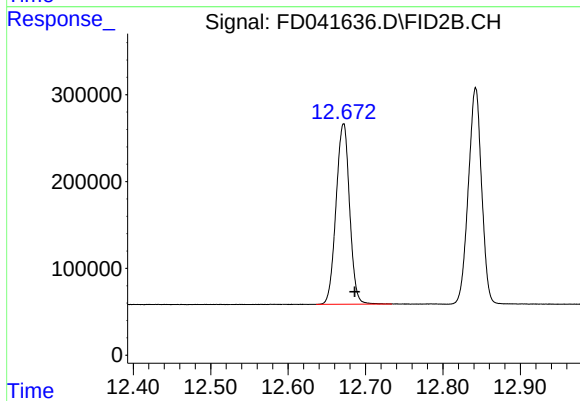
#10 n-Eicosane (C20)

R.T.: 12.233 min
Delta R.T.: -0.014 min
Response: 2990671
Conc: 19.26 ug/ml



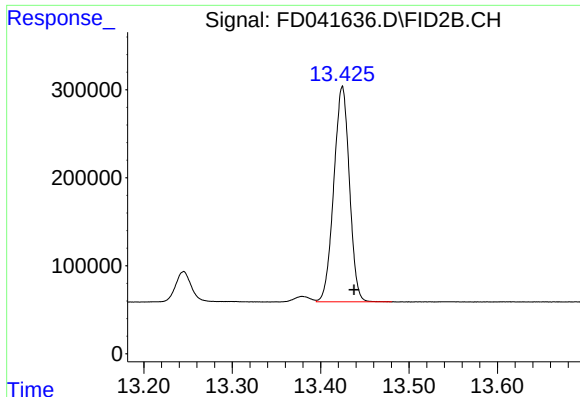
#11 n-Heneicosane (C21)

R.T.: 12.842 min
Delta R.T.: -0.014 min
Response: 2961855
Conc: 18.92 ug/ml



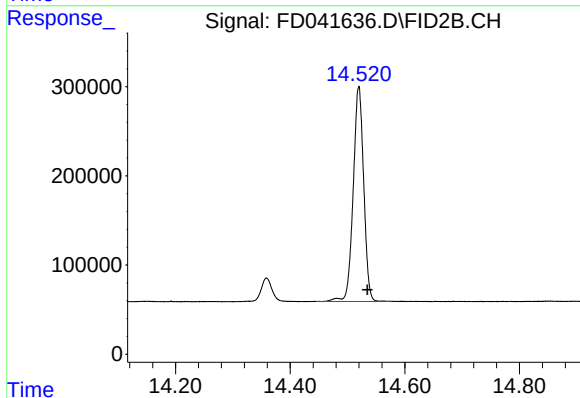
#12 1-chlorooctadecane (SURR)

R.T.: 12.672 min
Delta R.T.: -0.014 min
Response: 2524610
Conc: 18.65 ug/ml



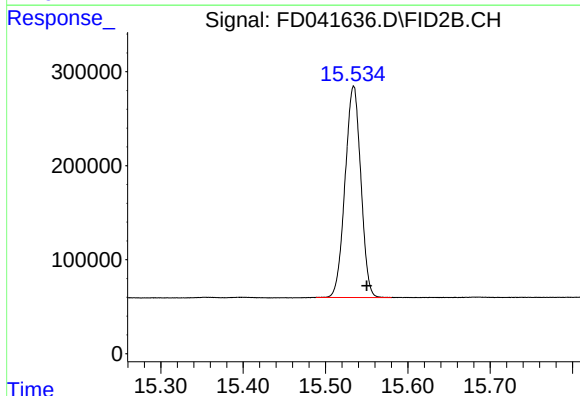
#13 n-Docosane (C22)

R.T.: 13.425 min
Delta R.T.: -0.013 min
Response: 3007628
Conc: 19.20 ug/ml



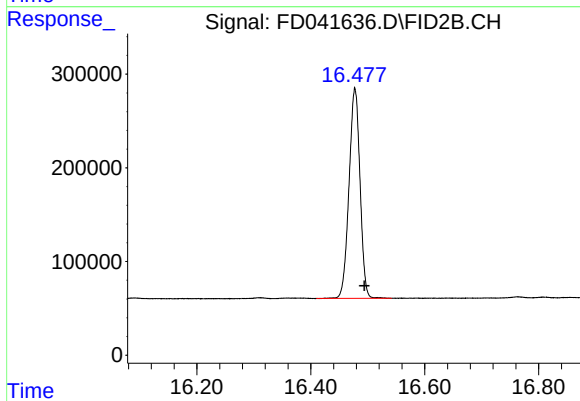
#14 n-Tetracosane (C24)

R.T.: 14.520 min
Delta R.T.: -0.015 min
Response: 3062422
Conc: 19.52 ug/ml



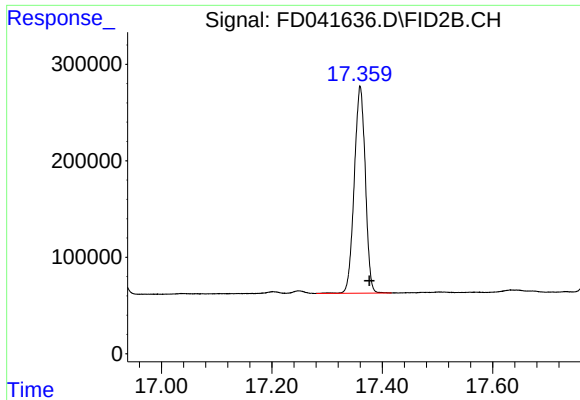
#15 n-Hexacosane (C26)

R.T.: 15.534 min
Delta R.T.: -0.016 min
Response: 2985833
Conc: 19.43 ug/ml



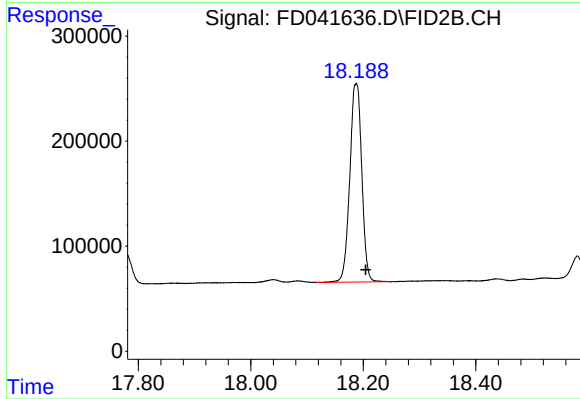
#16 n-Octacosane (C28)

R.T.: 16.478 min
Delta R.T.: -0.017 min
Response: 3008137
Conc: 20.21 ug/ml



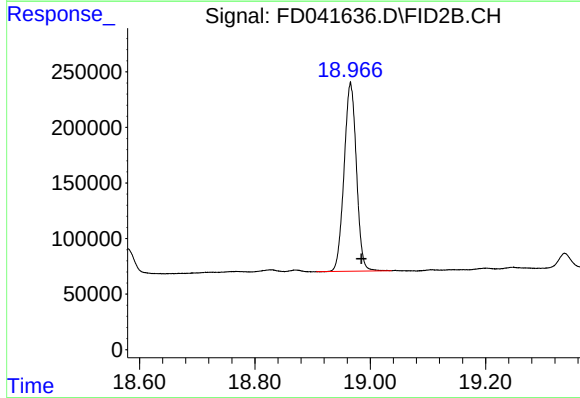
#17 n-Tricontane (C30)

R.T.: 17.360 min
Delta R.T.: -0.016 min
Response: 2981859
Conc: 21.19 ug/ml



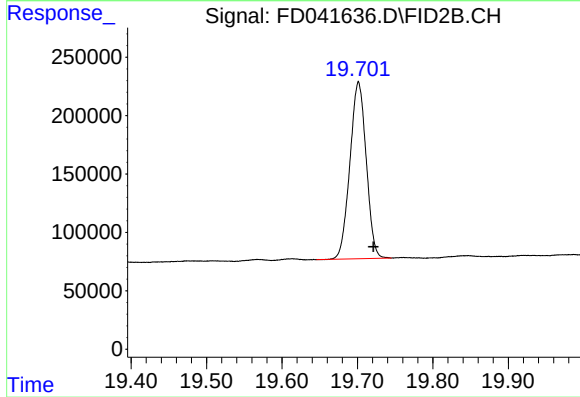
#18 n-Dotriacontane (C32)

R.T.: 18.187 min
Delta R.T.: -0.017 min
Response: 2791632
Conc: 21.94 ug/ml



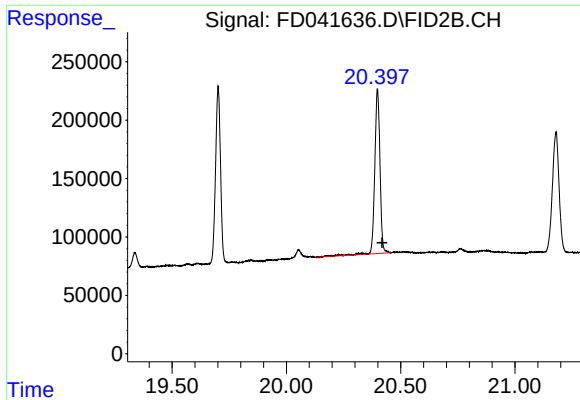
#19 n-Tetratriacontane (C34)

R.T.: 18.966 min
Delta R.T.: -0.019 min
Response: 2517171
Conc: 22.10 ug/ml



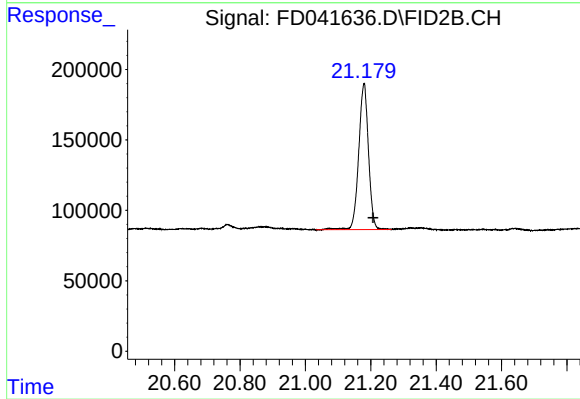
#20 n-Hexatriacontane (C36)

R.T.: 19.701 min
Delta R.T.: -0.020 min
Response: 2271548
Conc: 22.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.398 min
Delta R.T.: -0.021 min
Response: 2238817
Conc: 23.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.180 min
Delta R.T.: -0.027 min
Response: 2154672
Conc: 22.74 ug/ml