

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020122AL\
 Data File : FE034805.D
 Signal(s) : FID1B.CH
 Acq On : 02 Feb 2022 00:24
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 01:21:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012822.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 29 00:52:24 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)	11.056	2561600	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	12.490	1940826	20.111 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
Target Compounds			
1) T n-Nonane (C9)	2.909	2295661	20.138 ug/ml
2) T n-Decane (C10)	3.938	2329055	20.251 ug/ml
3) T A~Naphthalene (C11.7)	5.496	2592078	20.198 ug/ml
4) T n-Dodecane (C12)	5.933	2321438	20.232 ug/ml
5) T A~2-methylnaphthalene...	6.543	2602183	20.190 ug/ml
6) T n-Tetradecane (C14)	7.719	2348712	20.303 ug/ml
7) T n-Hexadecane (C16)	9.312	2325654	20.295 ug/ml
8) T n-Octadecane (C18)	10.747	2333119	20.253 ug/ml
10) T n-Eicosane (C20)	12.050	2257042	20.166 ug/ml
11) T n-Heneicosane (C21)	12.659	2253820	20.114 ug/ml
13) T n-Docosane (C22)	13.242	2207006	20.036 ug/ml
14) T n-Tetracosane (C24)	14.340	2162131	19.958 ug/ml
15) T n-Hexacosane (C26)	15.356	2085600	19.937 ug/ml
16) T n-Octacosane (C28)	16.300	2055588	20.140 ug/ml
17) T n-Tricontane (C30)	17.184	2024001	20.480 ug/ml
18) T n-Dotriacontane (C32)	18.013	1912511	20.823 ug/ml
19) T n-Tetratriacontane (C34)	18.793	1790980	20.562 ug/ml
20) T n-Hexatriacontane (C36)	19.529	1682876	20.455 ug/ml
21) T n-Octatriacontane (C38)	20.232	1622817	20.472 ug/ml
22) T n-Tetracontane (C40)	21.057	1626954	20.172 ug/ml

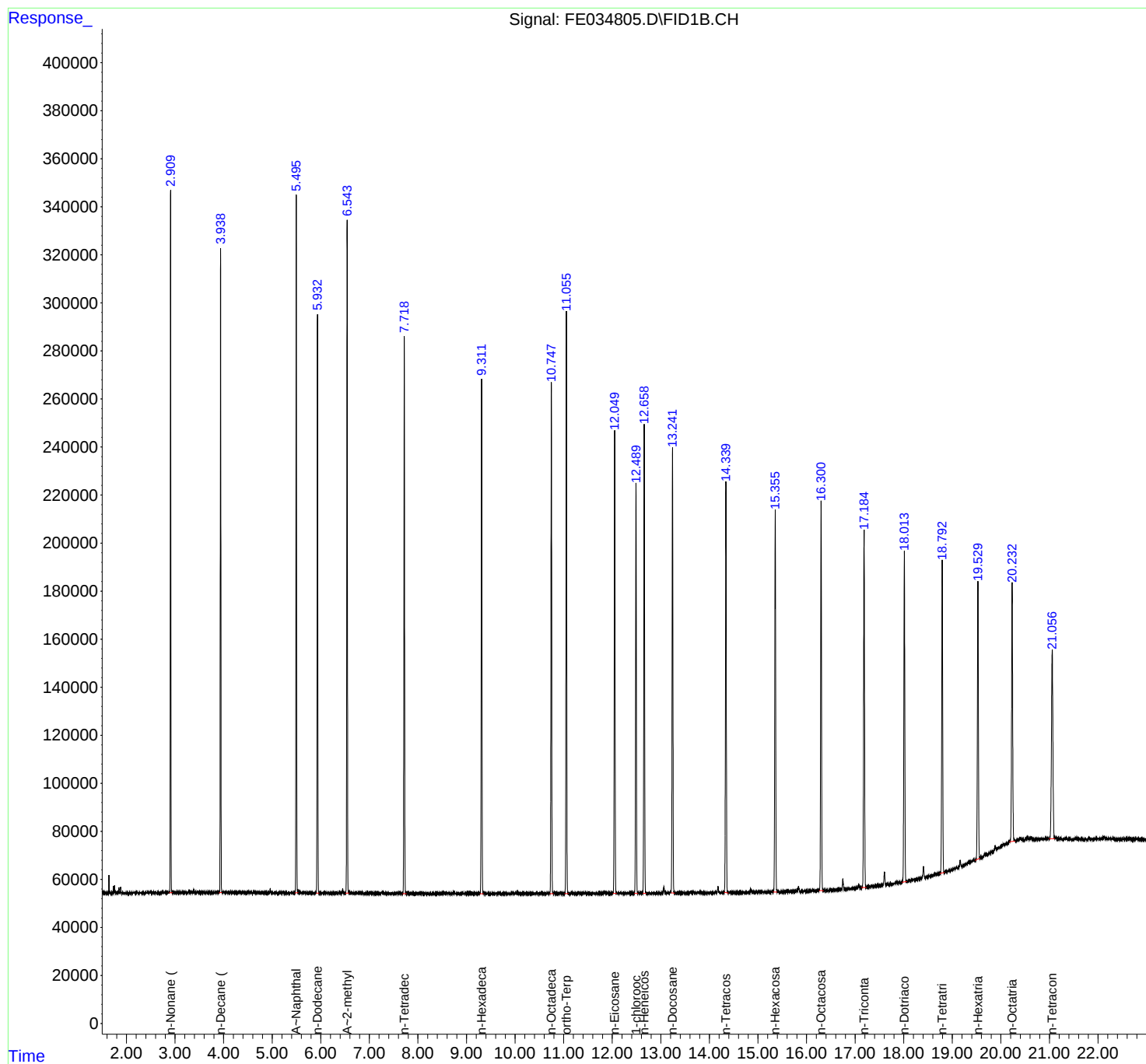
(f)=RT Delta > 1/2 Window

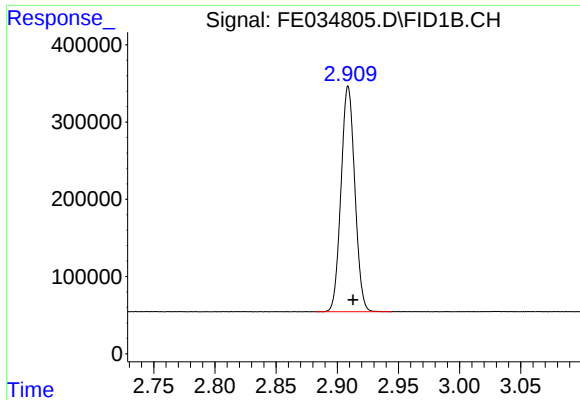
(m)=manual int.

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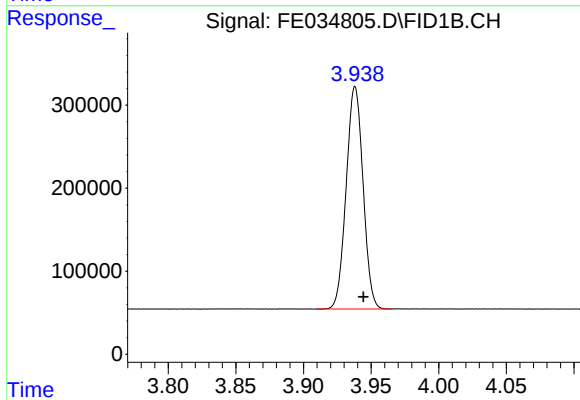
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Signal Info : 20M x 0.18mm x 0.18um





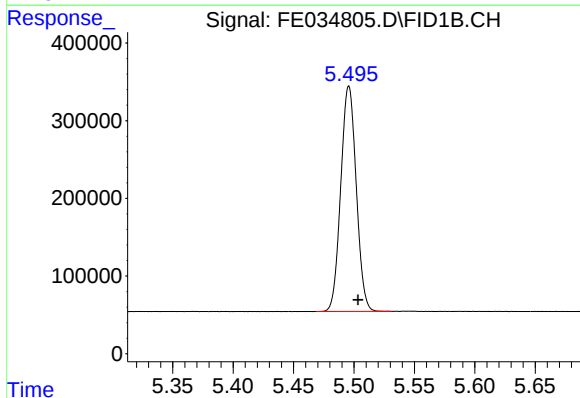
#1 n-Nonane (C9)

R.T.: 2.909 min
Delta R.T.: -0.004 min
Response: 2295661
Conc: 20.14 ug/ml



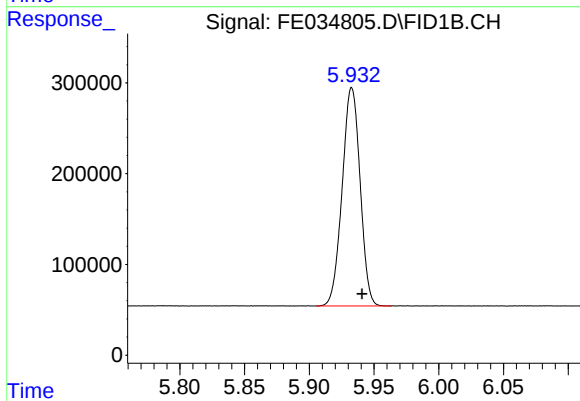
#2 n-Decane (C10)

R.T.: 3.938 min
Delta R.T.: -0.006 min
Response: 2329055
Conc: 20.25 ug/ml



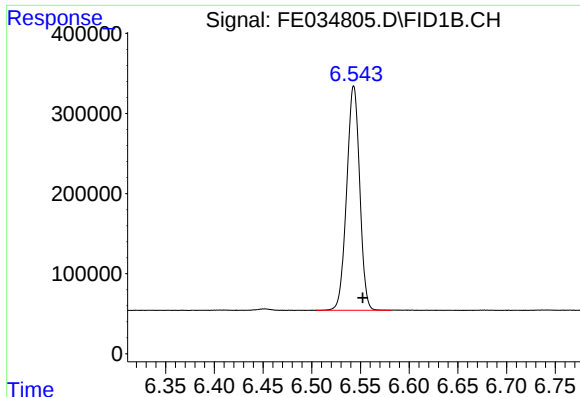
#3 A~Naphthalene (C11.7)

R.T.: 5.496 min
Delta R.T.: -0.007 min
Response: 2592078
Conc: 20.20 ug/ml



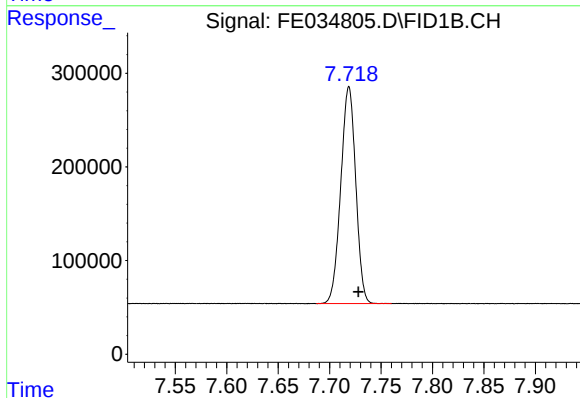
#4 n-Dodecane (C12)

R.T.: 5.933 min
Delta R.T.: -0.008 min
Response: 2321438
Conc: 20.23 ug/ml



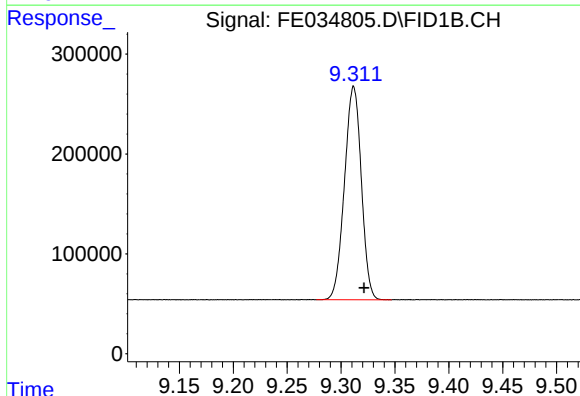
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.543 min
Delta R.T.: -0.009 min
Response: 2602183
Conc: 20.19 ug/ml



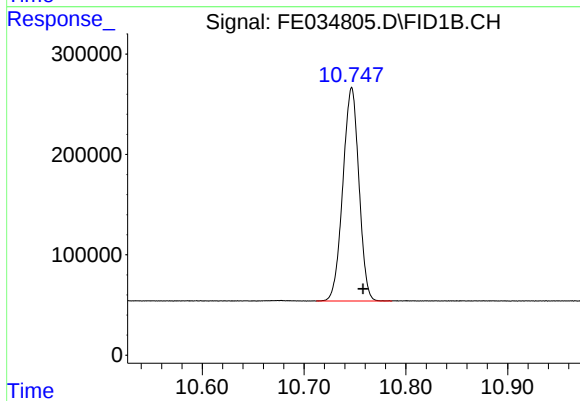
#6 n-Tetradecane (C14)

R.T.: 7.719 min
Delta R.T.: -0.009 min
Response: 2348712
Conc: 20.30 ug/ml



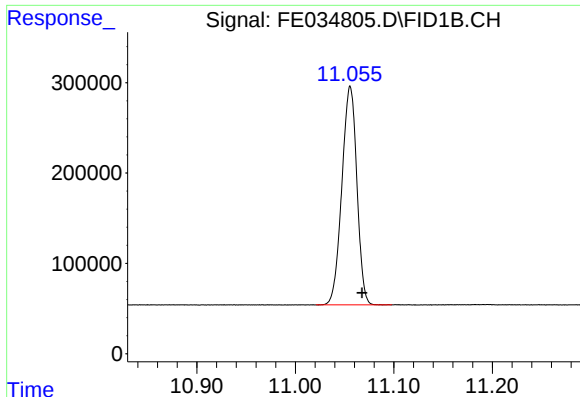
#7 n-Hexadecane (C16)

R.T.: 9.312 min
Delta R.T.: -0.010 min
Response: 2325654
Conc: 20.30 ug/ml



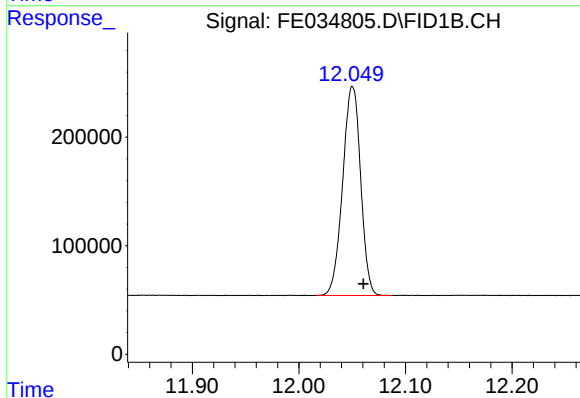
#8 n-Octadecane (C18)

R.T.: 10.747 min
Delta R.T.: -0.011 min
Response: 2333119
Conc: 20.25 ug/ml



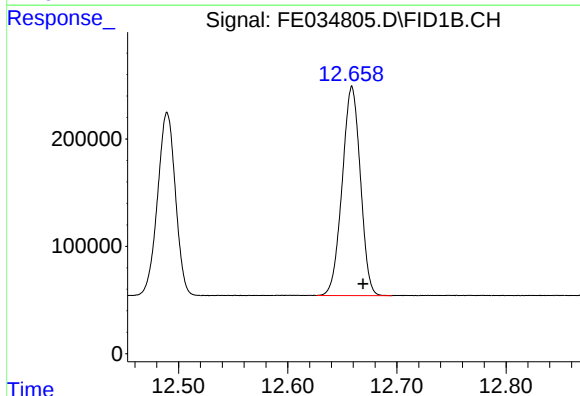
#9 ortho-Terphenyl (SURR)

R.T.: 11.056 min
Delta R.T.: -0.012 min
Response: 2561600
Conc: 19.96 ug/ml



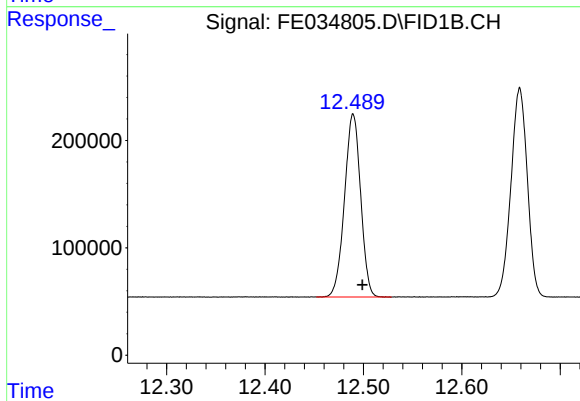
#10 n-Eicosane (C20)

R.T.: 12.050 min
Delta R.T.: -0.010 min
Response: 2257042
Conc: 20.17 ug/ml



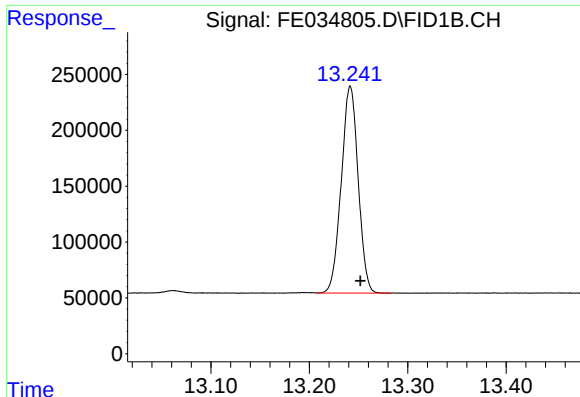
#11 n-Heneicosane (C21)

R.T.: 12.659 min
Delta R.T.: -0.010 min
Response: 2253820
Conc: 20.11 ug/ml



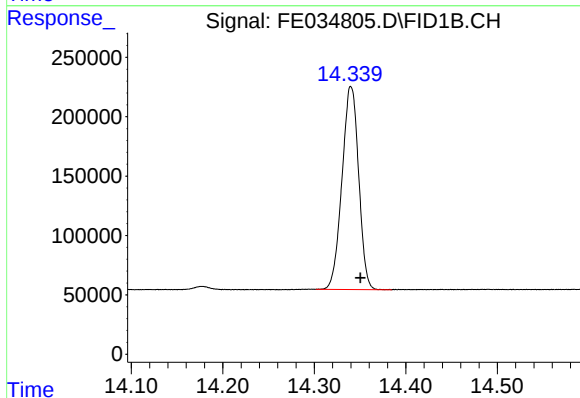
#12 1-chlorooctadecane (SURR)

R.T.: 12.490 min
Delta R.T.: -0.010 min
Response: 1940826
Conc: 20.11 ug/ml



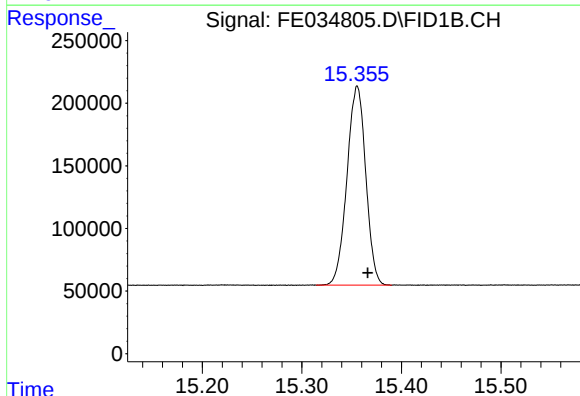
#13 n-Docosane (C22)

R.T.: 13.242 min
Delta R.T.: -0.010 min
Response: 2207006
Conc: 20.04 ug/ml



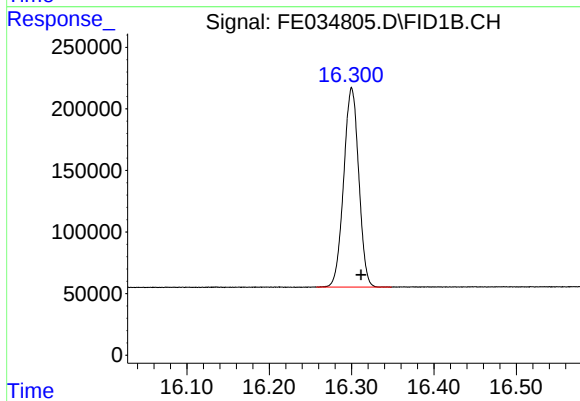
#14 n-Tetracosane (C24)

R.T.: 14.340 min
Delta R.T.: -0.010 min
Response: 2162131
Conc: 19.96 ug/ml



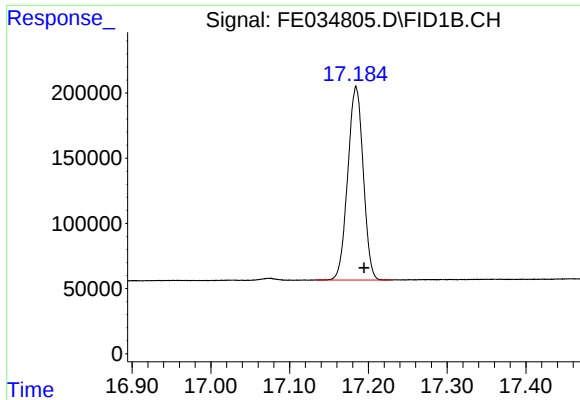
#15 n-Hexacosane (C26)

R.T.: 15.356 min
Delta R.T.: -0.011 min
Response: 2085600
Conc: 19.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.300 min
Delta R.T.: -0.011 min
Response: 2055588
Conc: 20.14 ug/ml



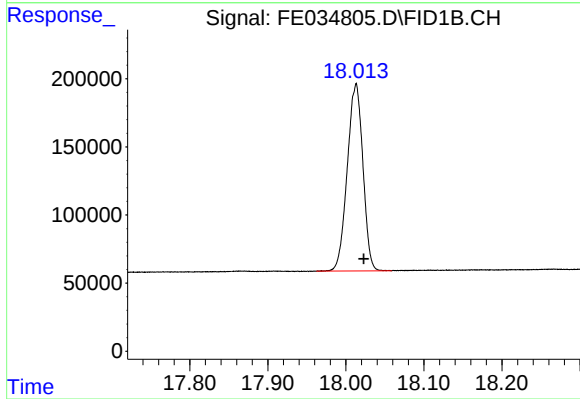
#17 n-Tricontane (C30)

R.T.: 17.184 min

Delta R.T.: -0.010 min

Response: 2024001

Conc: 20.48 ug/ml



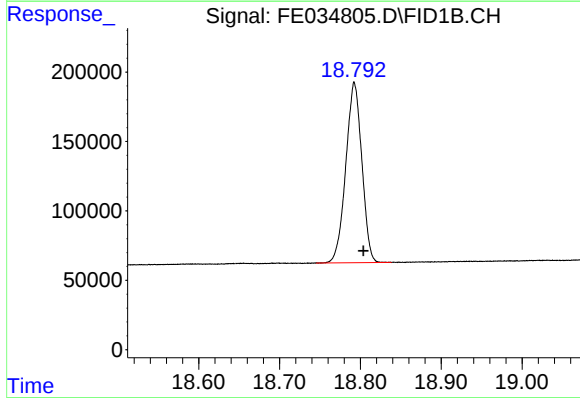
#18 n-Dotriacontane (C32)

R.T.: 18.013 min

Delta R.T.: -0.010 min

Response: 1912511

Conc: 20.82 ug/ml



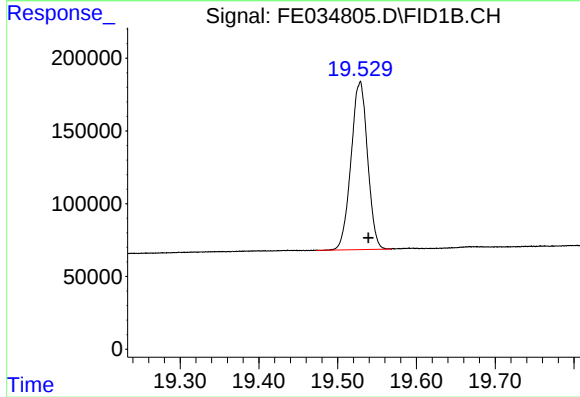
#19 n-Tetratriacontane (C34)

R.T.: 18.793 min

Delta R.T.: -0.011 min

Response: 1790980

Conc: 20.56 ug/ml



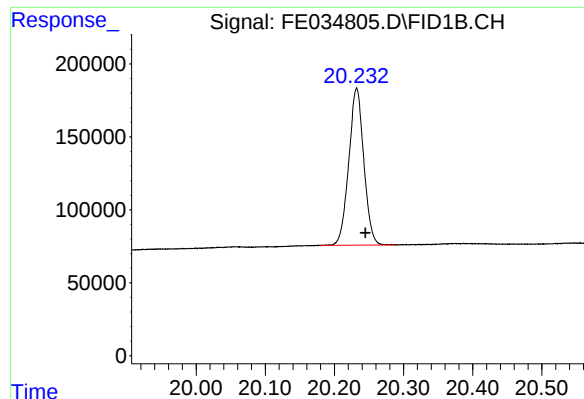
#20 n-Hexatriacontane (C36)

R.T.: 19.529 min

Delta R.T.: -0.010 min

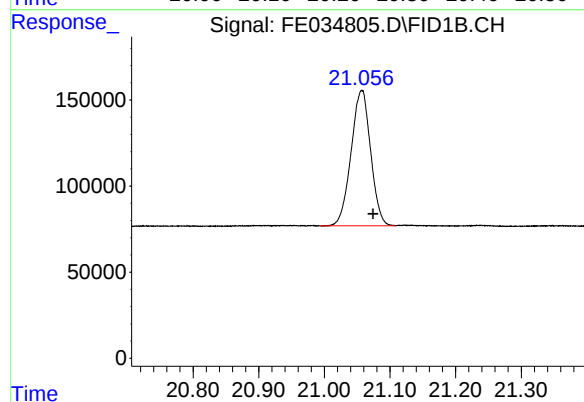
Response: 1682876

Conc: 20.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.232 min
Delta R.T.: -0.013 min
Response: 1622817
Conc: 20.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.057 min
Delta R.T.: -0.017 min
Response: 1626954
Conc: 20.17 ug/ml