

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082523AL\
 Data File : FF013367.D
 Signal(s) : FID2B.ch
 Acq On : 25 Aug 2023 11:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 25 21:52:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.892	2890973	21.042 ug/ml
Spiked Amount	50.000	Recovery =	42.08%
12) S 1-chlorooctadecane (S...	13.330	2200629	21.000 ug/ml
Spiked Amount	50.000	Recovery =	42.00%
Target Compounds			
1) T n-Nonane (C9)	3.281	2263056	21.180 ug/ml
2) T n-Decane (C10)	4.535	2300143	21.464 ug/ml
3) T A~Naphthalene (C11.7)	6.233	2549901	21.539 ug/ml
4) T n-Dodecane (C12)	6.699	2329601	21.529 ug/ml
5) T A~2-methylnaphthalene...	7.328	2518198	21.245 ug/ml
6) T n-Tetradecane (C14)	8.525	2325209	21.541 ug/ml
7) T n-Hexadecane (C16)	10.133	2387353	22.024 ug/ml
8) T n-Octadecane (C18)	11.576	2423713	22.134 ug/ml
10) T n-Eicosane (C20)	12.886	2393696	21.814 ug/ml
11) T n-Heneicosane (C21)	13.498	2379074	21.654 ug/ml
13) T n-Docosane (C22)	14.085	2369614	21.584 ug/ml
14) T n-Tetracosane (C24)	15.187	2349001	21.380 ug/ml
15) T n-Hexacosane (C26)	16.208	2290535	20.958 ug/ml
16) T n-Octacosane (C28)	17.157	2220549	20.566 ug/ml
17) T n-Tricontane (C30)	18.045	2225074	20.347 ug/ml
18) T n-Dotriacontane (C32)	18.878	2197654	19.456 ug/ml
19) T n-Tetratriacontane (C34)	19.661	2107595	19.841 ug/ml
20) T n-Hexatriacontane (C36)	20.399	2079573	19.730 ug/ml
21) T n-Octatriacontane (C38)	21.130	2093862	20.731 ug/ml
22) T n-Tetracontane (C40)	22.027	2189200	22.026 ug/ml

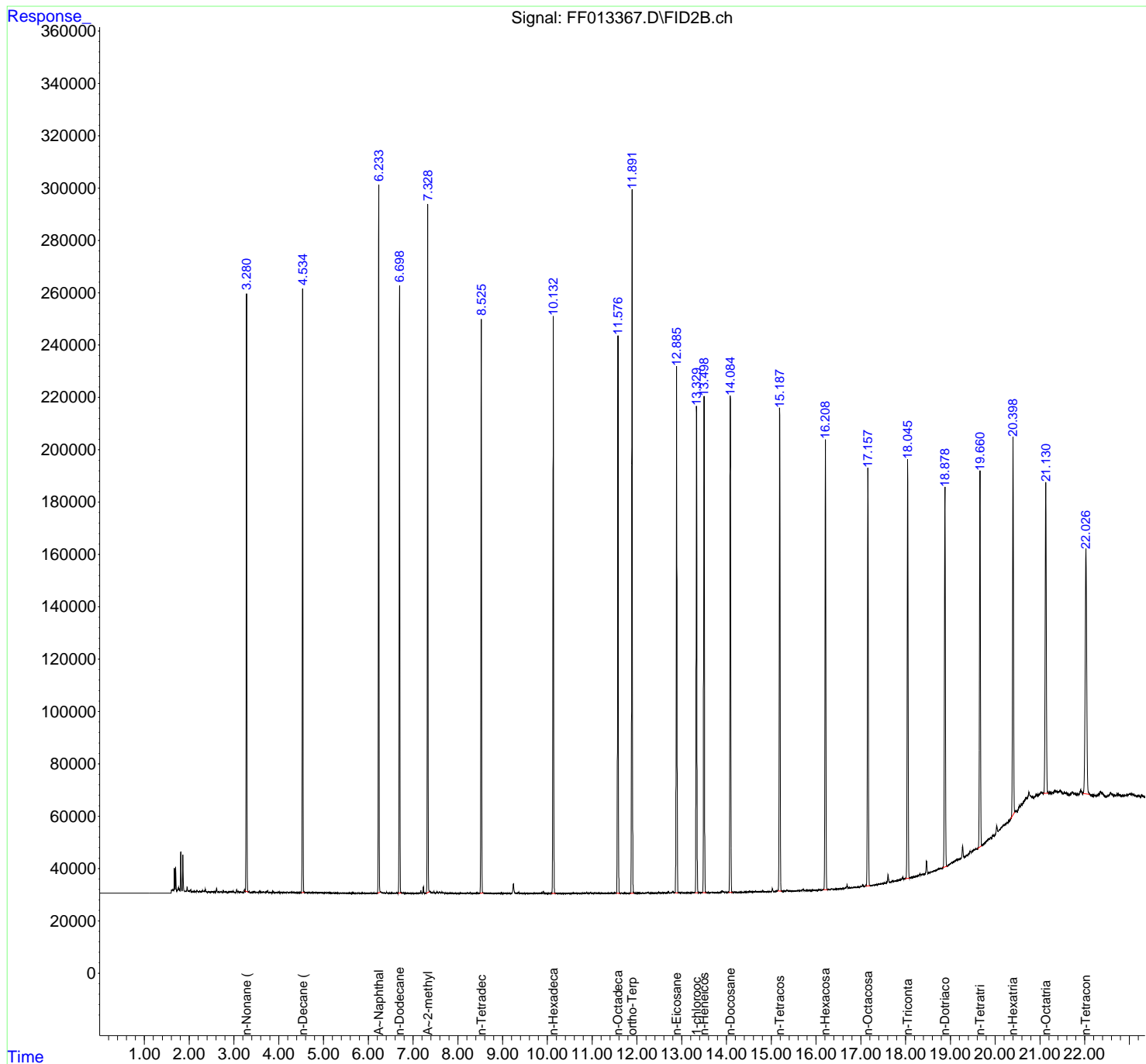
(f)=RT Delta > 1/2 Window

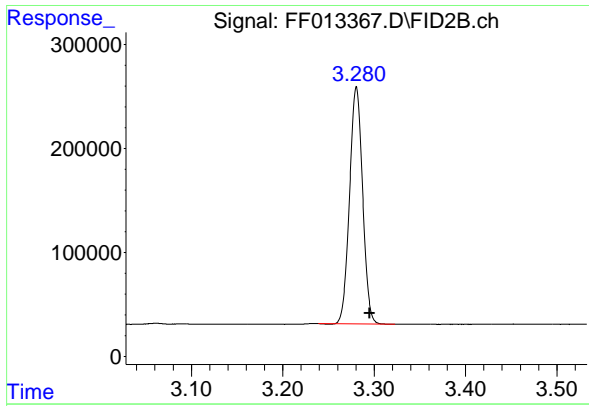
(m)=manual int.

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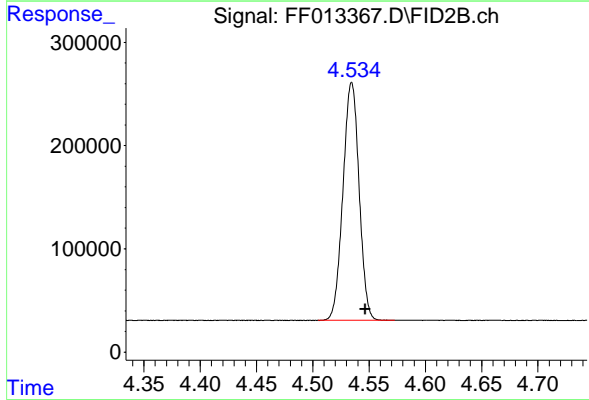
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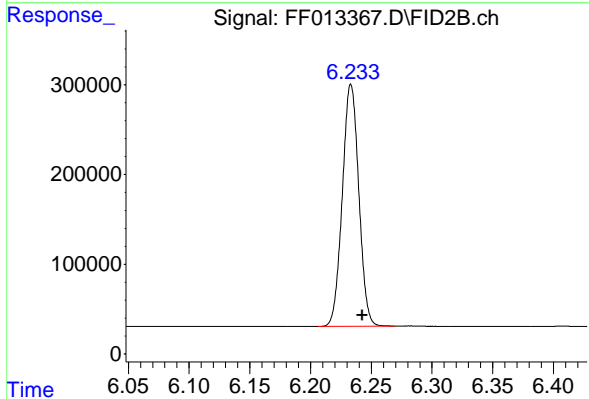
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.014 min
Response: 2263056
Conc: 21.18 ug/ml



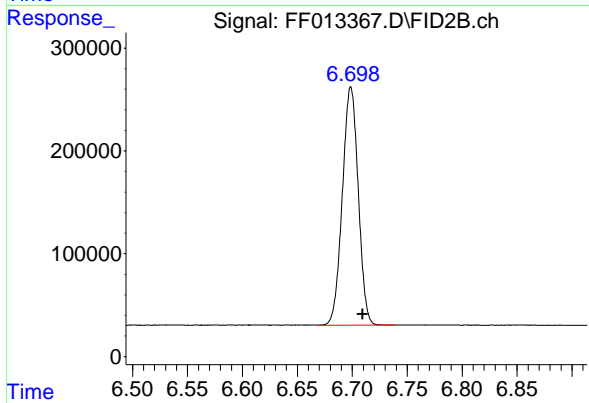
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.012 min
Response: 2300143
Conc: 21.46 ug/ml



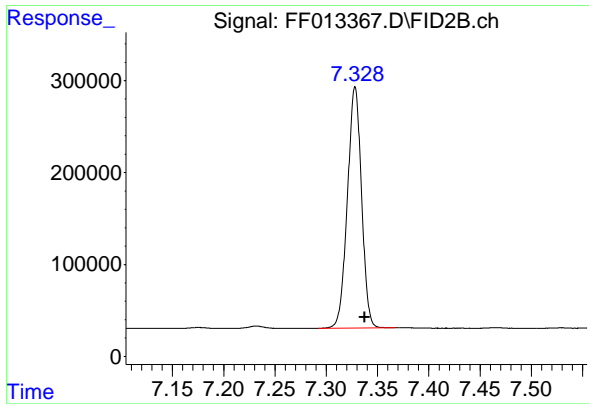
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.009 min
Response: 2549901
Conc: 21.54 ug/ml



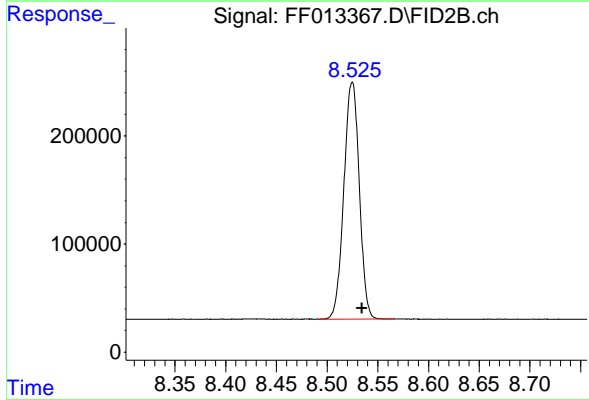
#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.011 min
Response: 2329601
Conc: 21.53 ug/ml



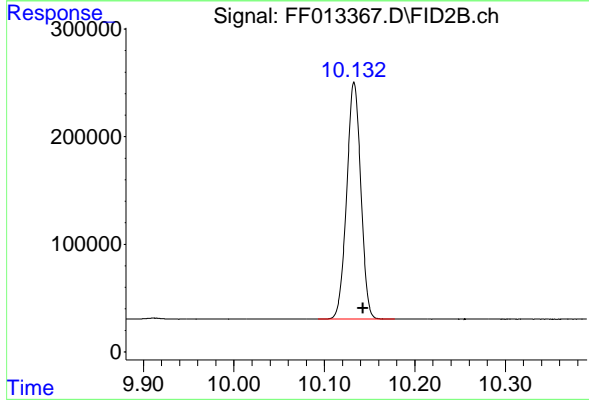
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.328 min
Delta R.T.: -0.010 min
Response: 2518198
Conc: 21.24 ug/ml



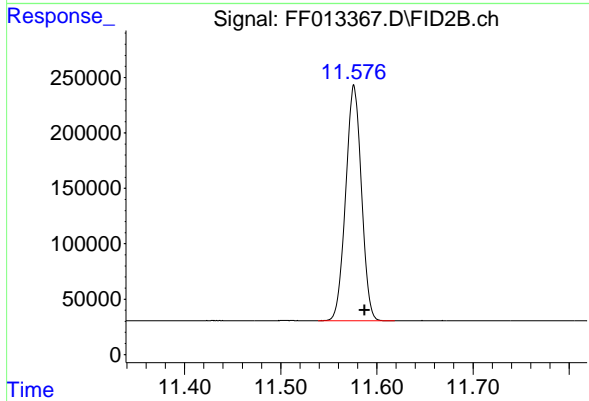
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.009 min
Response: 2325209
Conc: 21.54 ug/ml



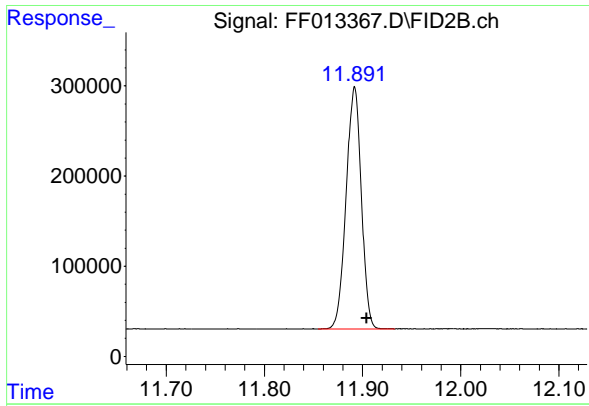
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.010 min
Response: 2387353
Conc: 22.02 ug/ml



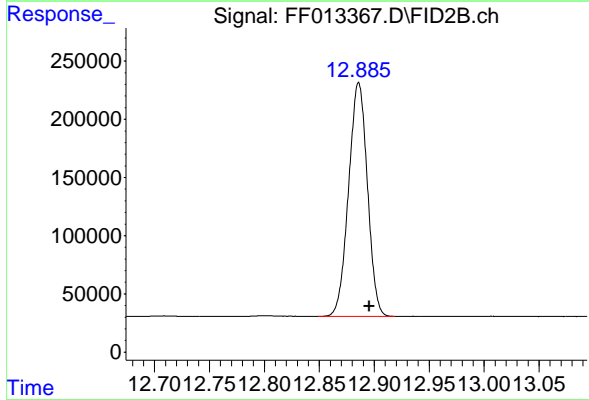
#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.011 min
Response: 2423713
Conc: 22.13 ug/ml



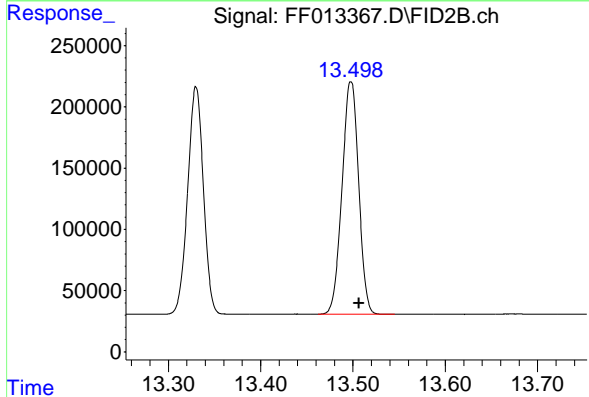
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
 Delta R.T.: -0.012 min
 Response: 2890973
 Conc: 21.04 ug/ml



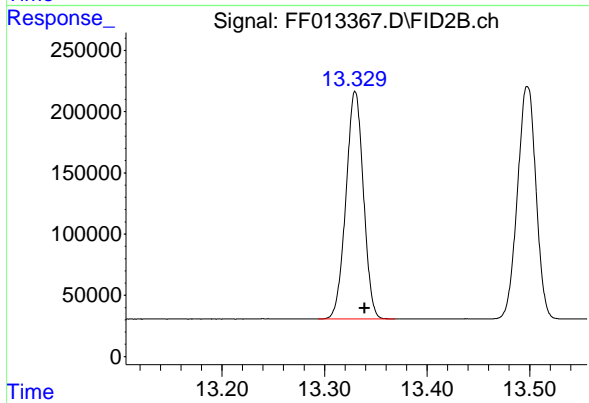
#10 n-Eicosane (C20)

R.T.: 12.886 min
 Delta R.T.: -0.010 min
 Response: 2393696
 Conc: 21.81 ug/ml



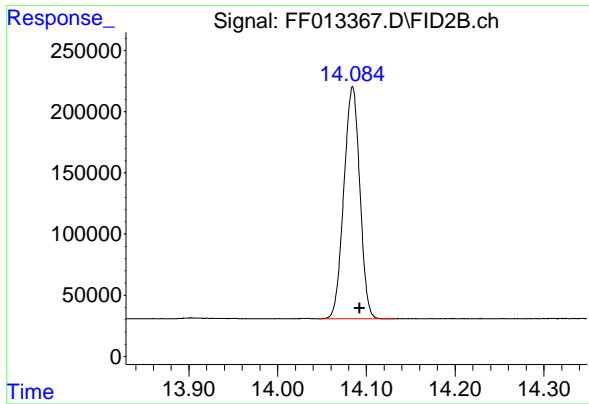
#11 n-Heneicosane (C21)

R.T.: 13.498 min
 Delta R.T.: -0.009 min
 Response: 2379074
 Conc: 21.65 ug/ml



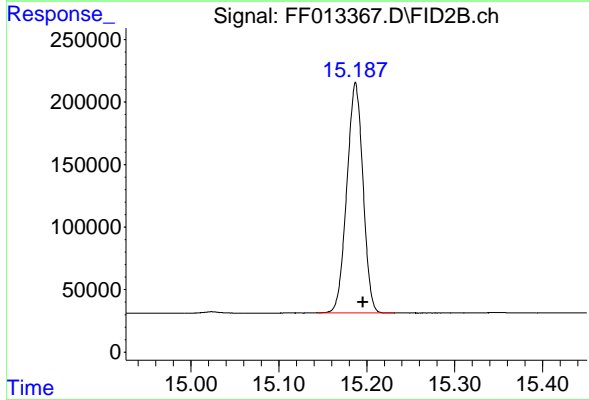
#12 1-chlorooctadecane (SURR)

R.T.: 13.330 min
 Delta R.T.: -0.009 min
 Response: 2200629
 Conc: 21.00 ug/ml



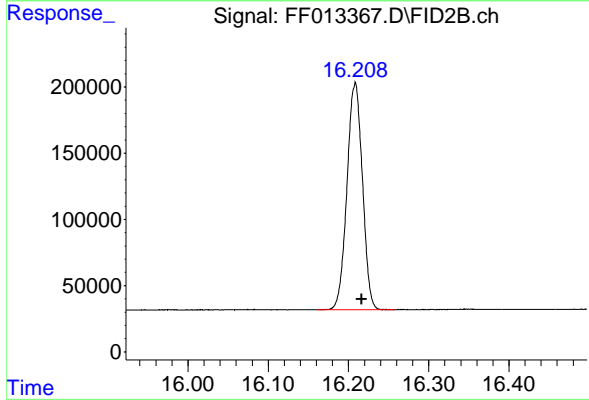
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.008 min
Response: 2369614
Conc: 21.58 ug/ml



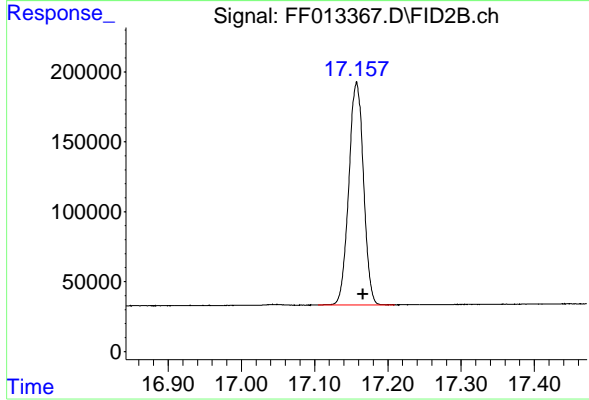
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.008 min
Response: 2349001
Conc: 21.38 ug/ml



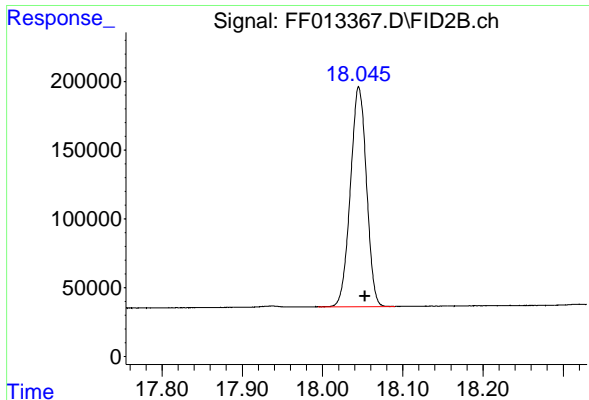
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.008 min
Response: 2290535
Conc: 20.96 ug/ml



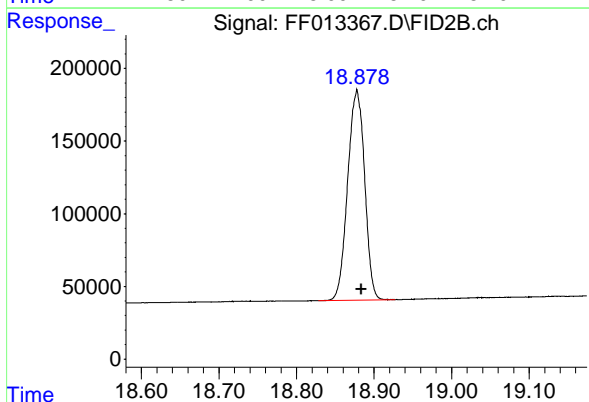
#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: -0.009 min
Response: 2220549
Conc: 20.57 ug/ml



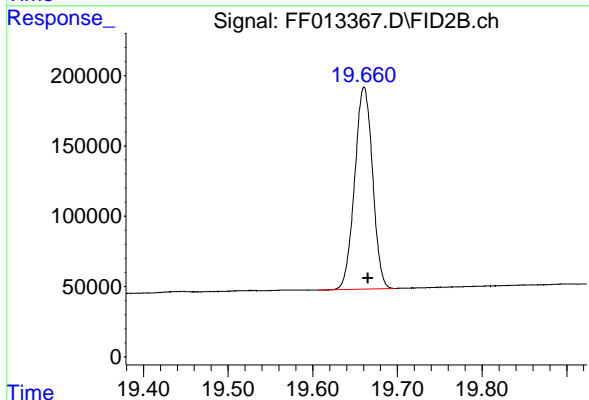
#17 n-Tricontane (C30)

R.T.: 18.045 min
Delta R.T.: -0.008 min
Response: 2225074
Conc: 20.35 ug/ml



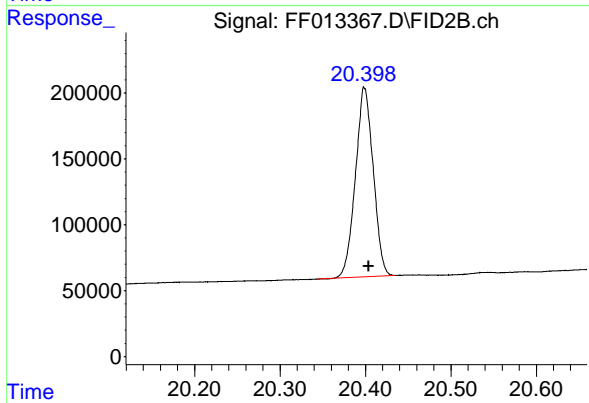
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: -0.006 min
Response: 2197654
Conc: 19.46 ug/ml



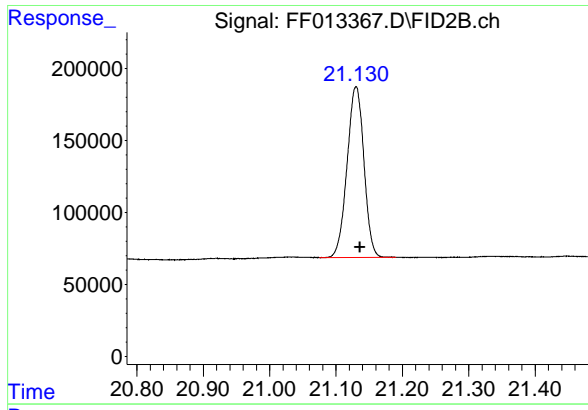
#19 n-Tetracontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.005 min
Response: 2107595
Conc: 19.84 ug/ml



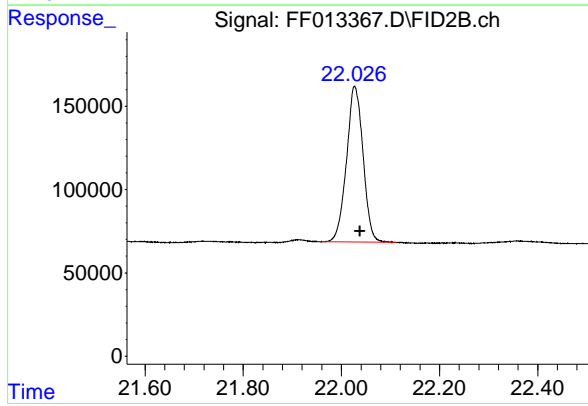
#20 n-Hexatriacontane (C36)

R.T.: 20.399 min
Delta R.T.: -0.005 min
Response: 2079573
Conc: 19.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: -0.006 min
Response: 2093862
Conc: 20.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: -0.011 min
Response: 2189200
Conc: 22.03 ug/ml