

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012822AL\
 Data File : FE034742.D
 Signal(s) : FID1B.CH
 Acq On : 28 Jan 2022 22:37
 Operator : AJ\MA
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 00:45:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012822.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 29 00:44:05 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)	11.063	6004354	48.047 ug/ml
Spiked Amount 50.000		Recovery =	96.09%
12) S 1-chlorooctadecane (S...	12.495	4534292	48.213 ug/ml
Spiked Amount 50.000		Recovery =	96.43%
Target Compounds			
1) T n-Nonane (C9)	2.911	5336942	48.075 ug/ml
2) T n-Decane (C10)	3.941	5384718	48.027 ug/ml
3) T A~Naphthalene (C11.7)	5.499	6015912	48.121 ug/ml
4) T n-Dodecane (C12)	5.937	5360326	47.897 ug/ml
5) T A~2-methylnaphthalene...	6.547	6041703	48.064 ug/ml
6) T n-Tetradecane (C14)	7.723	5400538	47.854 ug/ml
7) T n-Hexadecane (C16)	9.317	5348256	47.846 ug/ml
8) T n-Octadecane (C18)	10.753	5381665	47.928 ug/ml
10) T n-Eicosane (C20)	12.055	5244431	48.080 ug/ml
11) T n-Heneicosane (C21)	12.665	5246976	48.072 ug/ml
13) T n-Docosane (C22)	13.248	5162756	48.141 ug/ml
14) T n-Tetracosane (C24)	14.346	5092769	48.396 ug/ml
15) T n-Hexacosane (C26)	15.361	4923215	48.558 ug/ml
16) T n-Octacosane (C28)	16.307	4808555	48.754 ug/ml
17) T n-Tricontane (C30)	17.190	4652661	48.857 ug/ml
18) T n-Dotriacontane (C32)	18.018	4329057	48.952 ug/ml
19) T n-Tetratriacontane (C34)	18.798	4102996	48.812 ug/ml
20) T n-Hexatriacontane (C36)	19.535	3869162	48.782 ug/ml
21) T n-Octatriacontane (C38)	20.241	3736272	48.727 ug/ml
22) T n-Tetracontane (C40)	21.068	3802849	48.474 ug/ml

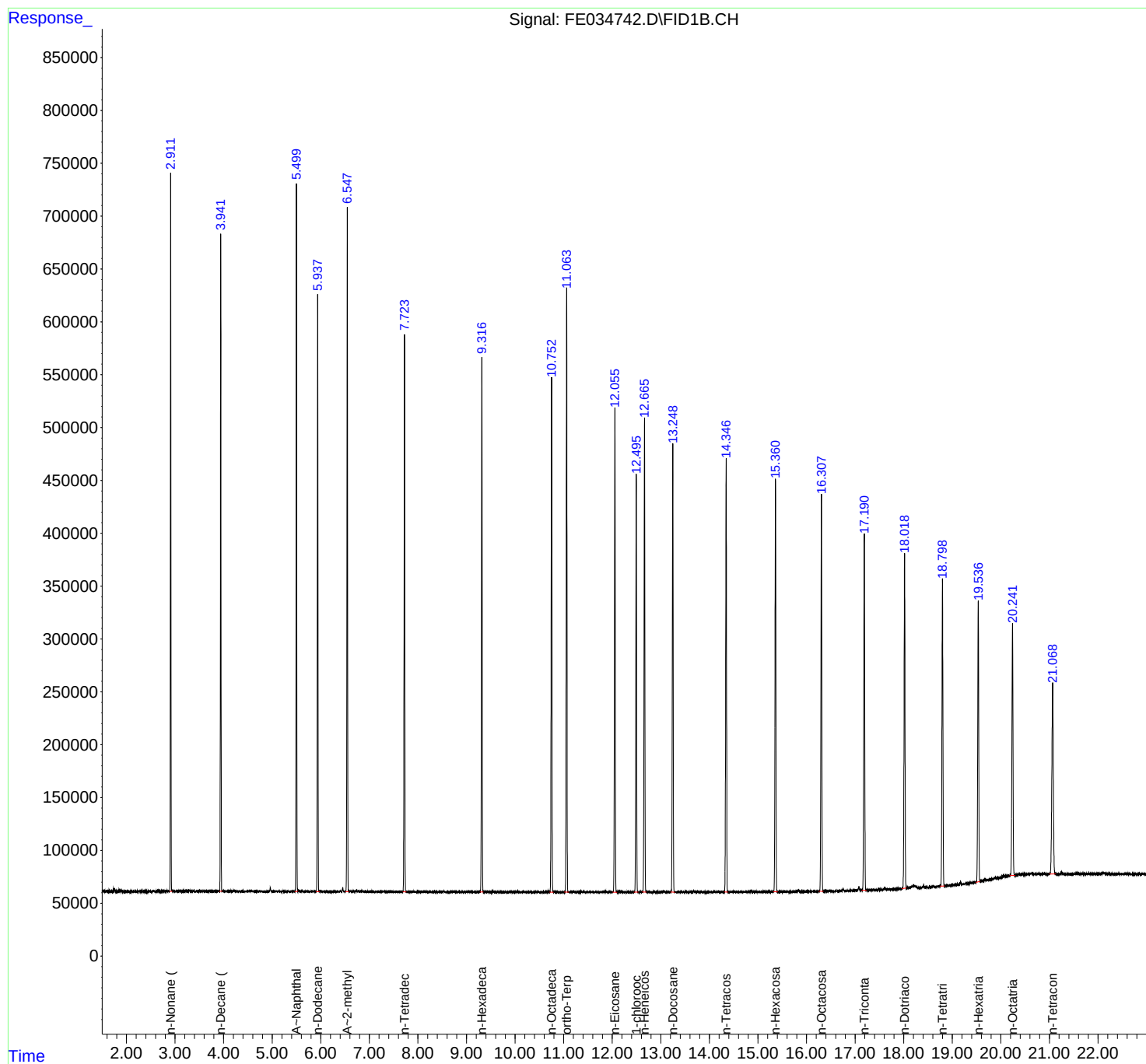
(f)=RT Delta > 1/2 Window

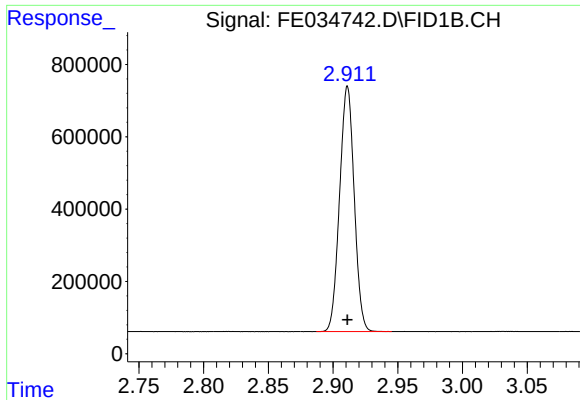
(m)=manual int.

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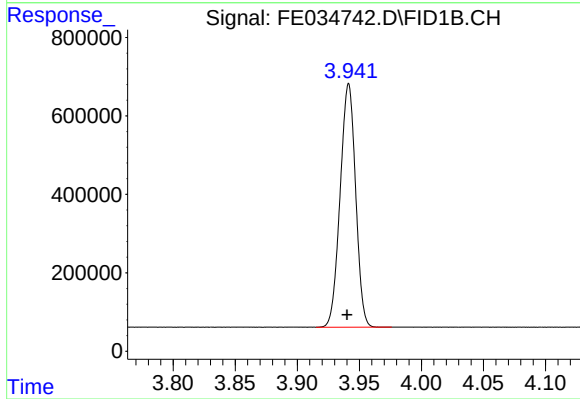
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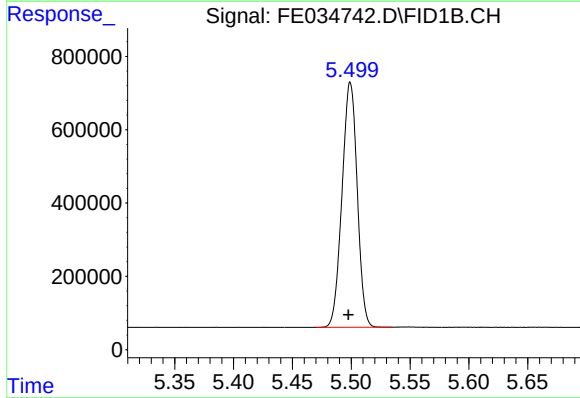
#1 n-Nonane (C9)

R.T.: 2.911 min
Delta R.T.: 0.000 min
Response: 5336942
Conc: 48.08 ug/ml



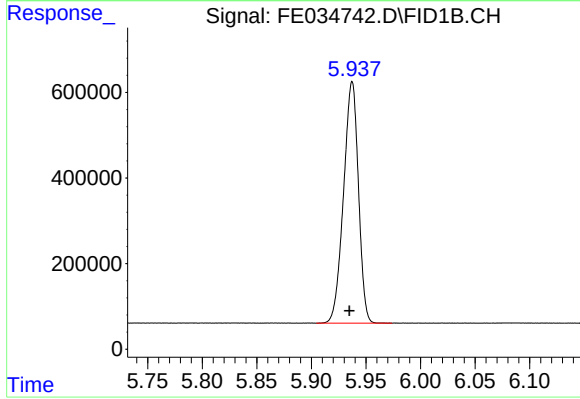
#2 n-Decane (C10)

R.T.: 3.941 min
Delta R.T.: 0.001 min
Response: 5384718
Conc: 48.03 ug/ml



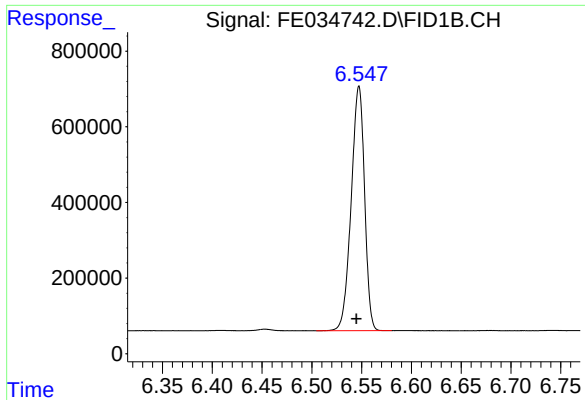
#3 A~Naphthalene (C11.7)

R.T.: 5.499 min
Delta R.T.: 0.002 min
Response: 6015912
Conc: 48.12 ug/ml



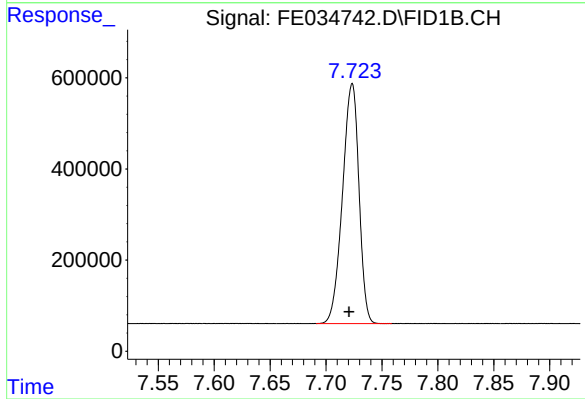
#4 n-Dodecane (C12)

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 5360326
Conc: 47.90 ug/ml



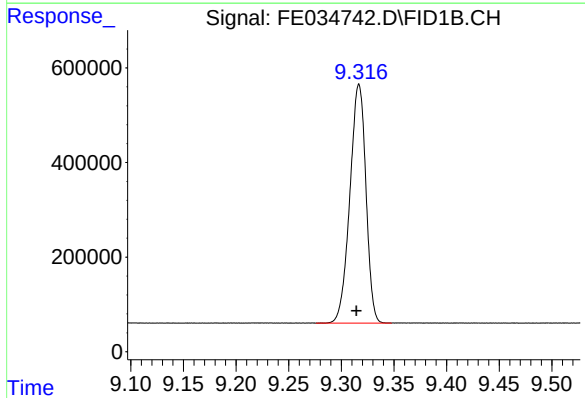
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.547 min
Delta R.T.: 0.003 min
Response: 6041703
Conc: 48.06 ug/ml



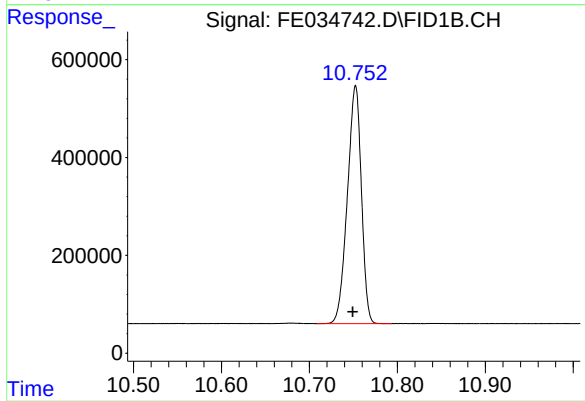
#6 n-Tetradecane (C14)

R.T.: 7.723 min
Delta R.T.: 0.003 min
Response: 5400538
Conc: 47.85 ug/ml



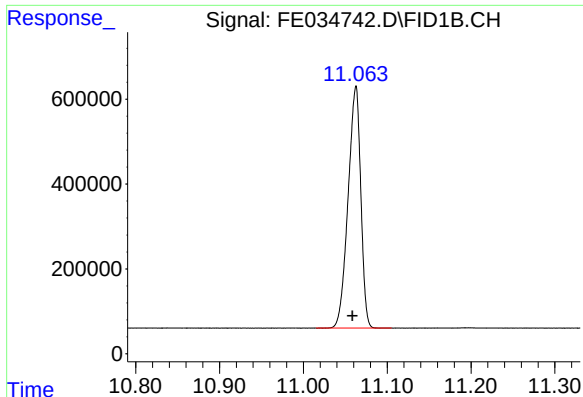
#7 n-Hexadecane (C16)

R.T.: 9.317 min
Delta R.T.: 0.002 min
Response: 5348256
Conc: 47.85 ug/ml



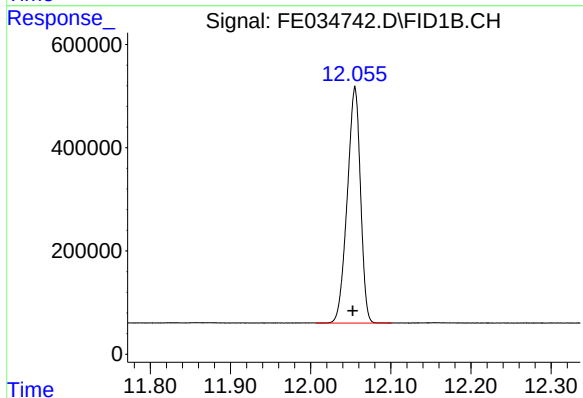
#8 n-Octadecane (C18)

R.T.: 10.753 min
Delta R.T.: 0.003 min
Response: 5381665
Conc: 47.93 ug/ml



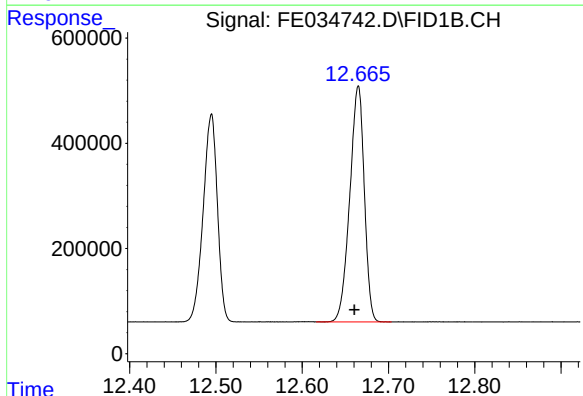
#9 ortho-Terphenyl (SURR)

R.T.: 11.063 min
Delta R.T.: 0.004 min
Response: 6004354
Conc: 48.05 ug/ml



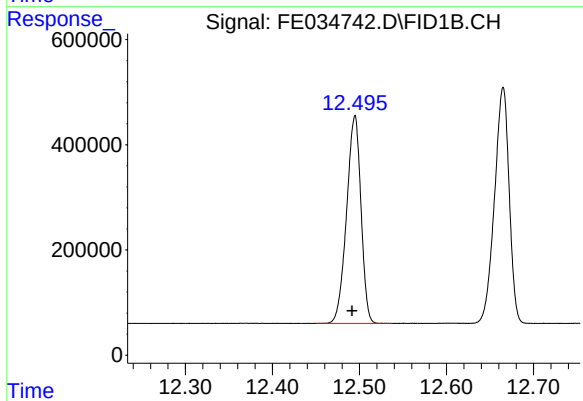
#10 n-Eicosane (C20)

R.T.: 12.055 min
Delta R.T.: 0.003 min
Response: 5244431
Conc: 48.08 ug/ml



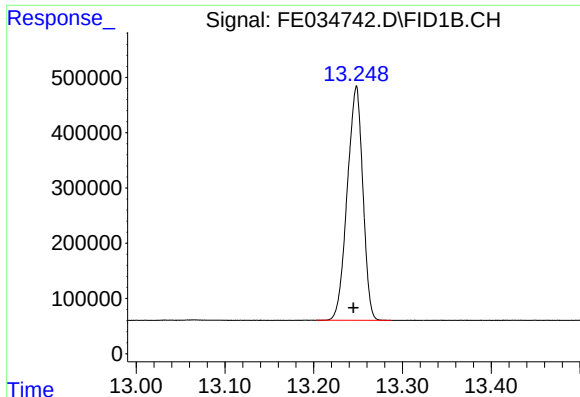
#11 n-Heneicosane (C21)

R.T.: 12.665 min
Delta R.T.: 0.005 min
Response: 5246976
Conc: 48.07 ug/ml



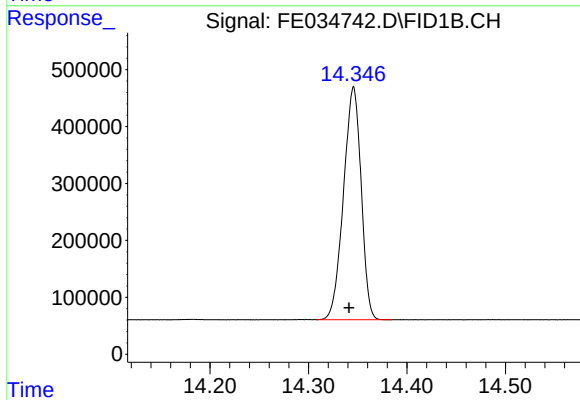
#12 1-chlorooctadecane (SURR)

R.T.: 12.495 min
Delta R.T.: 0.003 min
Response: 4534292
Conc: 48.21 ug/ml



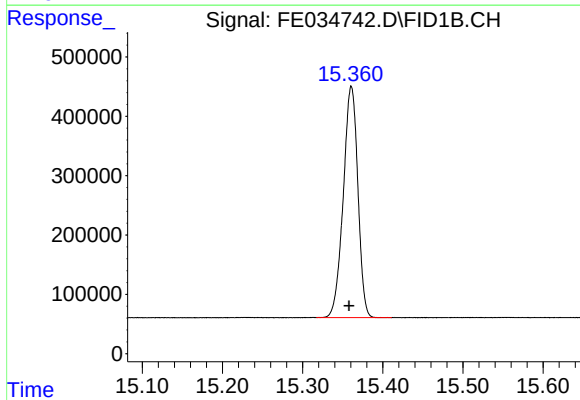
#13 n-Docosane (C22)

R.T.: 13.248 min
Delta R.T.: 0.003 min
Response: 5162756
Conc: 48.14 ug/ml



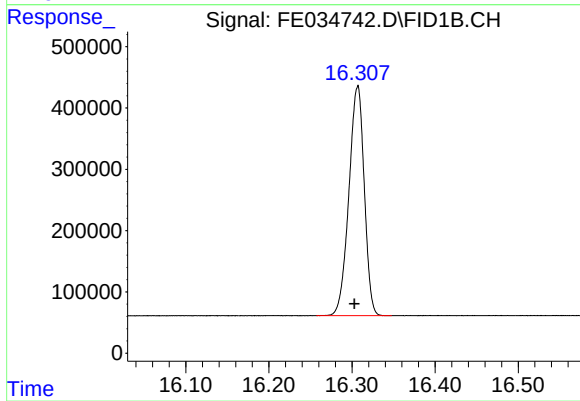
#14 n-Tetracosane (C24)

R.T.: 14.346 min
Delta R.T.: 0.004 min
Response: 5092769
Conc: 48.40 ug/ml



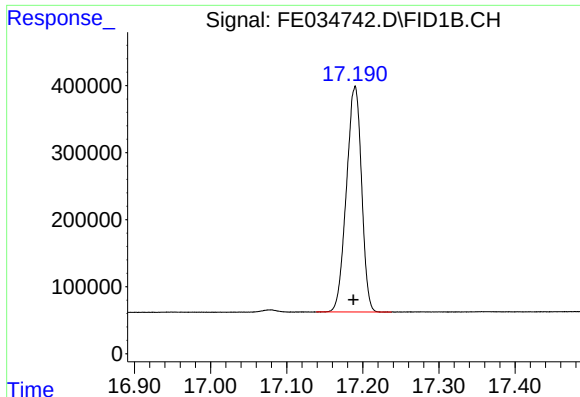
#15 n-Hexacosane (C26)

R.T.: 15.361 min
Delta R.T.: 0.003 min
Response: 4923215
Conc: 48.56 ug/ml



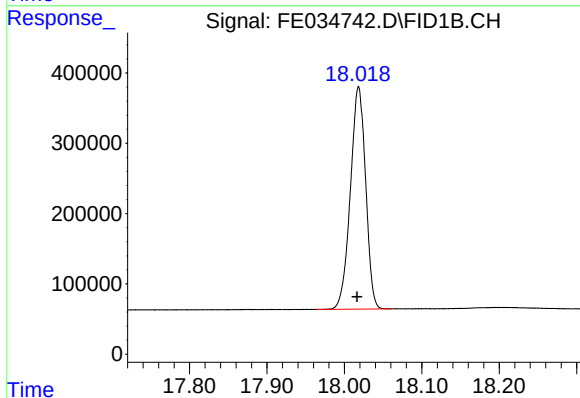
#16 n-Octacosane (C28)

R.T.: 16.307 min
Delta R.T.: 0.004 min
Response: 4808555
Conc: 48.75 ug/ml



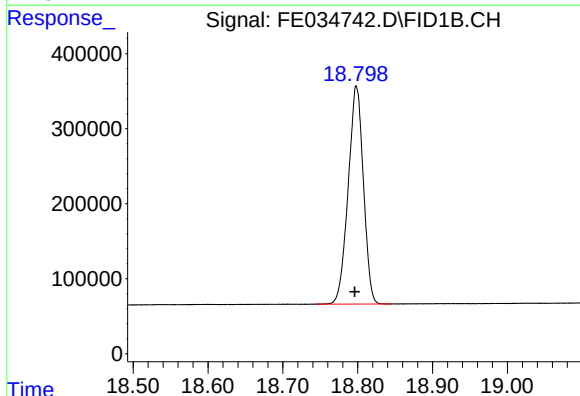
#17 n-Tricontane (C30)

R.T.: 17.190 min
Delta R.T.: 0.002 min
Response: 4652661
Conc: 48.86 ug/ml



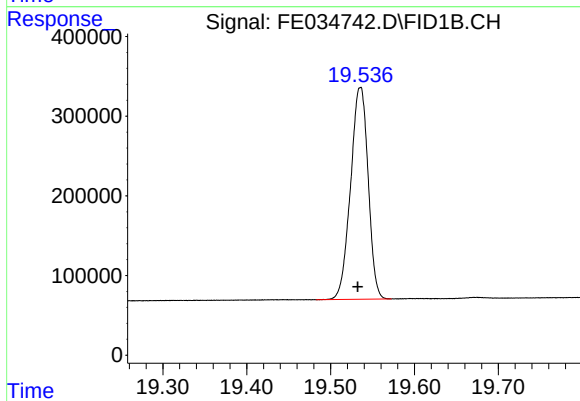
#18 n-Dotriacontane (C32)

R.T.: 18.018 min
Delta R.T.: 0.002 min
Response: 4329057
Conc: 48.95 ug/ml



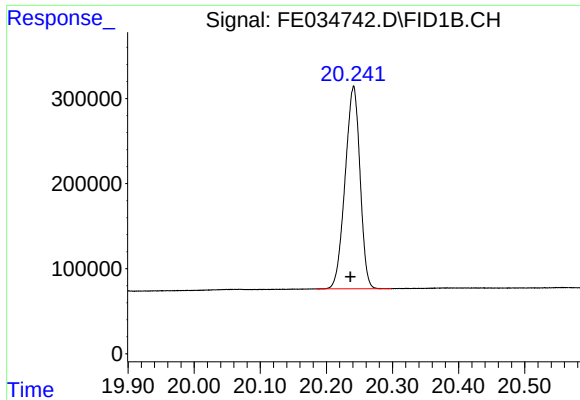
#19 n-Tetratriacontane (C34)

R.T.: 18.798 min
Delta R.T.: 0.002 min
Response: 4102996
Conc: 48.81 ug/ml



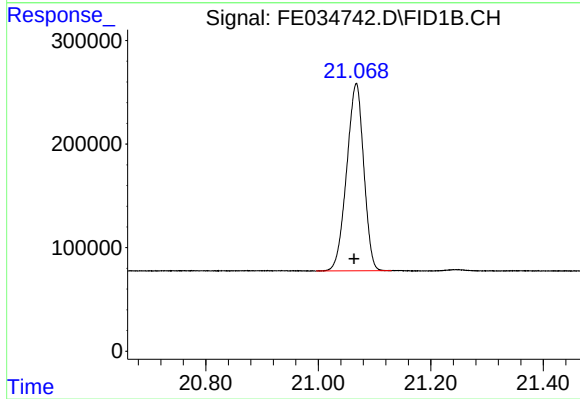
#20 n-Hexatriacontane (C36)

R.T.: 19.535 min
Delta R.T.: 0.003 min
Response: 3869162
Conc: 48.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.241 min
Delta R.T.: 0.005 min
Response: 3736272
Conc: 48.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.068 min
Delta R.T.: 0.004 min
Response: 3802849
Conc: 48.47 ug/ml