

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021622AL\
 Data File : FE035042.D
 Signal(s) : FID1B.CH
 Acq On : 16 Feb 2022 13:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 14:07:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021622.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 16 13:33:19 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)	11.743	19716129	19.568 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.158	15283565	19.482 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
Target Compounds			
1) T n-Nonane (C9)	3.631	16512362	19.600 ug/ml
2) T n-Decane (C10)	4.622	16948401	19.455 ug/ml
3) T A~Naphthalene (C11.7)	6.176	18676646	19.592 ug/ml
4) T n-Dodecane (C12)	6.593	17600065	19.427 ug/ml
5) T A~2-methylnaphthalene...	7.225	18893184	19.593 ug/ml
6) T n-Tetradecane (C14)	8.377	17684847	19.452 ug/ml
7) T n-Hexadecane (C16)	9.972	17877362	19.452 ug/ml
8) T n-Octadecane (C18)	11.411	18059169	19.445 ug/ml
10) T n-Eicosane (C20)	12.715	17885938	19.433 ug/ml
11) T n-Heneicosane (C21)	13.325	17891126	19.462 ug/ml
13) T n-Docosane (C22)	13.909	17776379	19.345 ug/ml
14) T n-Tetracosane (C24)	15.005	17449583	19.234 ug/ml
15) T n-Hexacosane (C26)	16.023	16686736	19.196 ug/ml
16) T n-Octacosane (C28)	16.967	15424355	19.212 ug/ml
17) T n-Tricontane (C30)	17.849	13506356	19.236 ug/ml
18) T n-Dotriacontane (C32)	18.675	10749683	19.468 ug/ml
19) T n-Tetratriacontane (C34)	19.452	7623810	19.842 ug/ml
20) T n-Hexatriacontane (C36)	20.185	4767396	19.982 ug/ml
21) T n-Octatriacontane (C38)	20.932	2817143	19.828 ug/ml
22) T n-Tetracontane (C40)	21.867	1795150	19.733 ug/ml

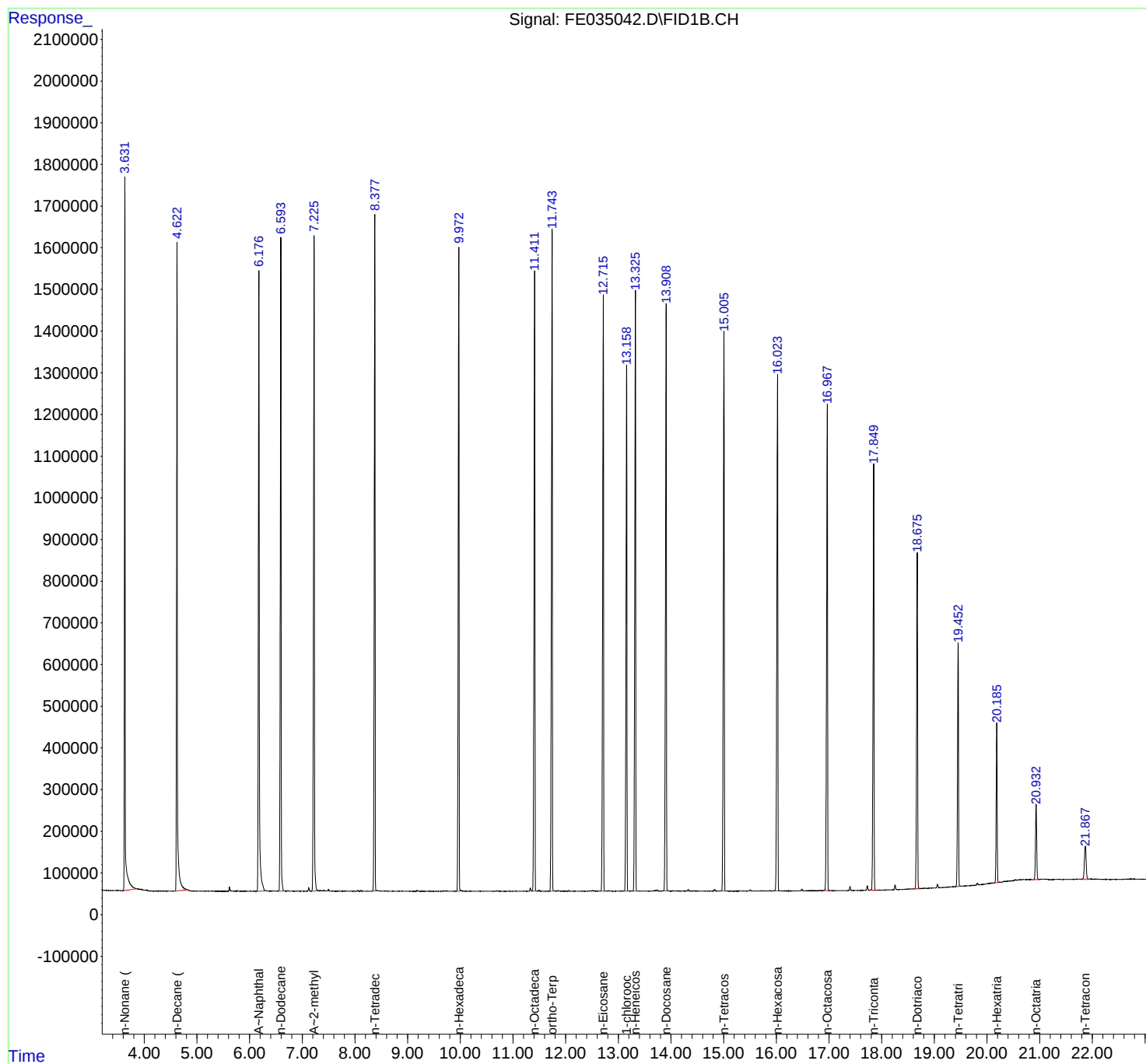
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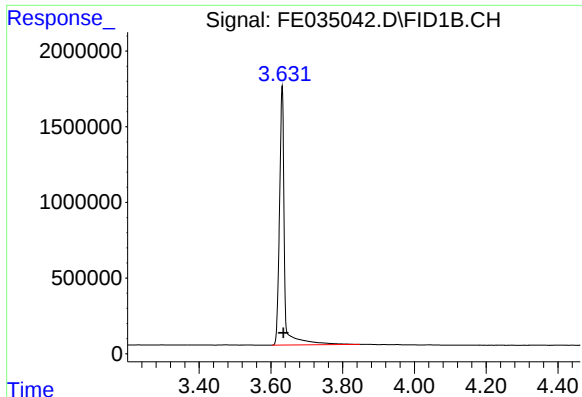
(m)=manual int.

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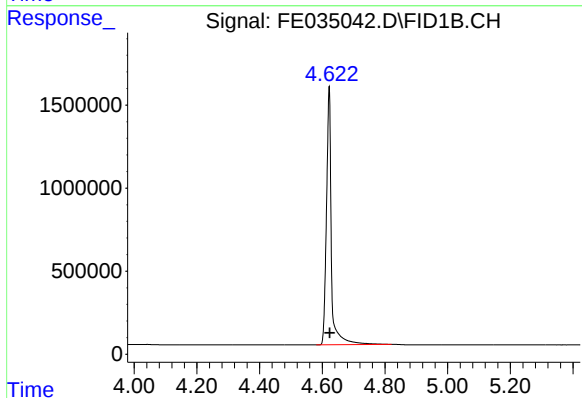
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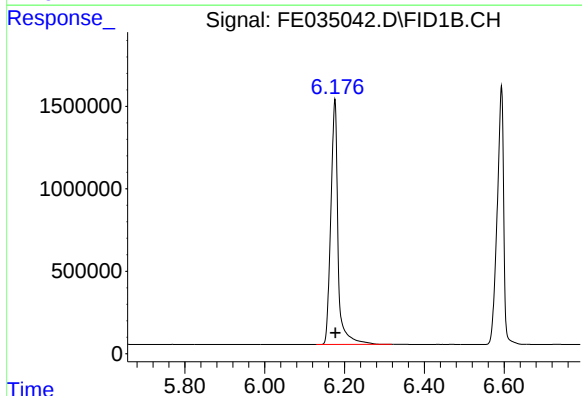
#1 n-Nonane (C9)

R.T.: 3.631 min
Delta R.T.: -0.004 min
Response: 16512362
Conc: 19.60 ug/ml



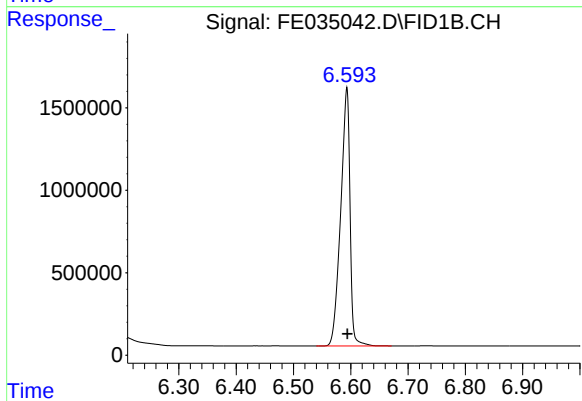
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: -0.002 min
Response: 16948401
Conc: 19.46 ug/ml



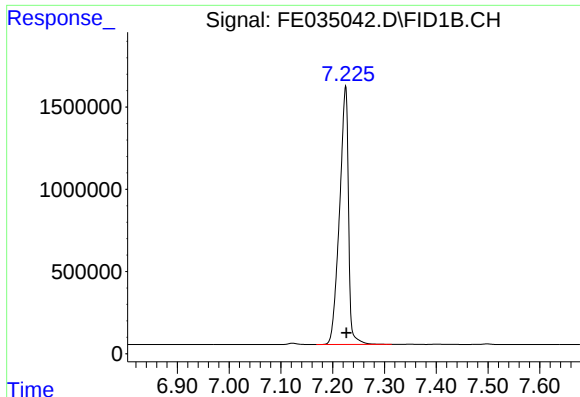
#3 A~Naphthalene (C11.7)

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 18676646
Conc: 19.59 ug/ml



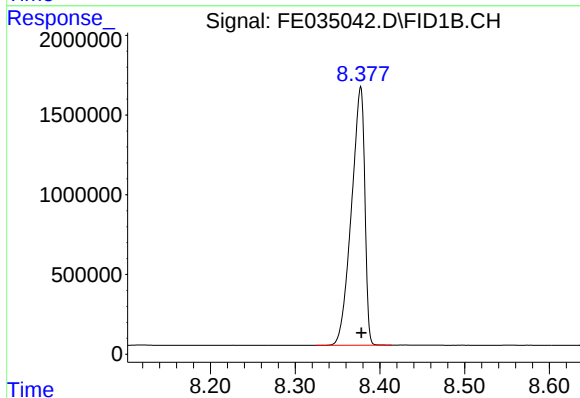
#4 n-Dodecane (C12)

R.T.: 6.593 min
Delta R.T.: -0.001 min
Response: 17600065
Conc: 19.43 ug/ml



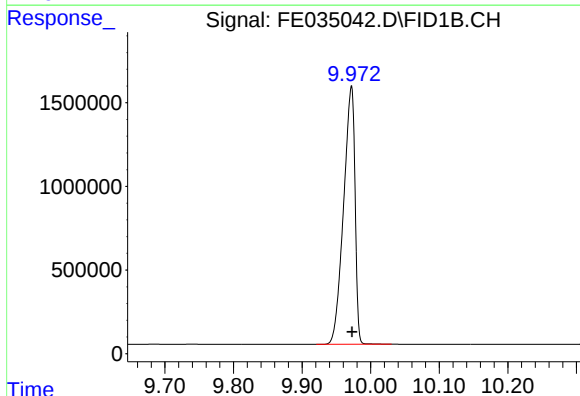
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.225 min
Delta R.T.: -0.002 min
Response: 18893184
Conc: 19.59 ug/ml



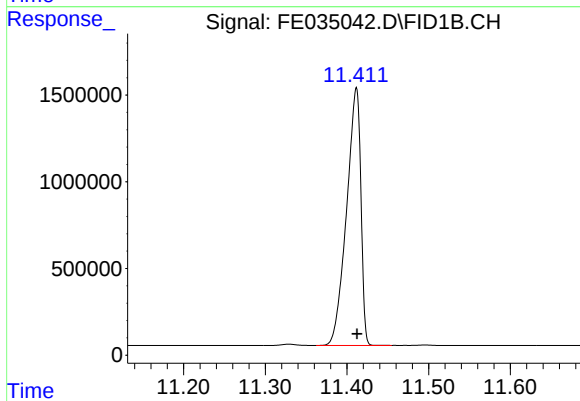
#6 n-Tetradecane (C14)

R.T.: 8.377 min
Delta R.T.: -0.001 min
Response: 17684847
Conc: 19.45 ug/ml



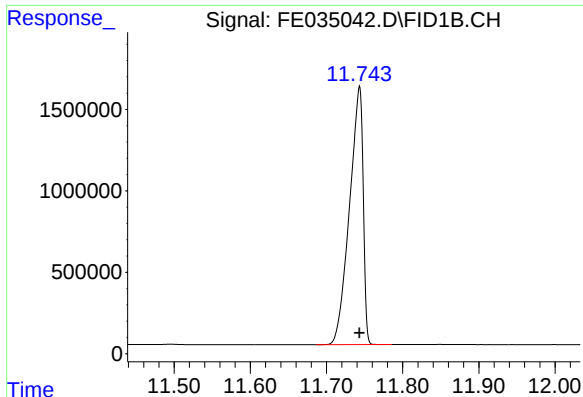
#7 n-Hexadecane (C16)

R.T.: 9.972 min
Delta R.T.: 0.000 min
Response: 17877362
Conc: 19.45 ug/ml



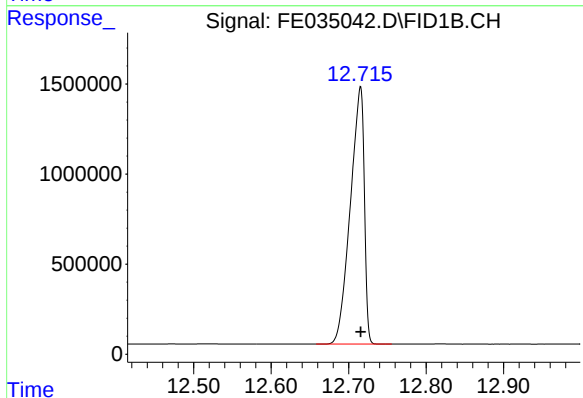
#8 n-Octadecane (C18)

R.T.: 11.411 min
Delta R.T.: -0.001 min
Response: 18059169
Conc: 19.44 ug/ml



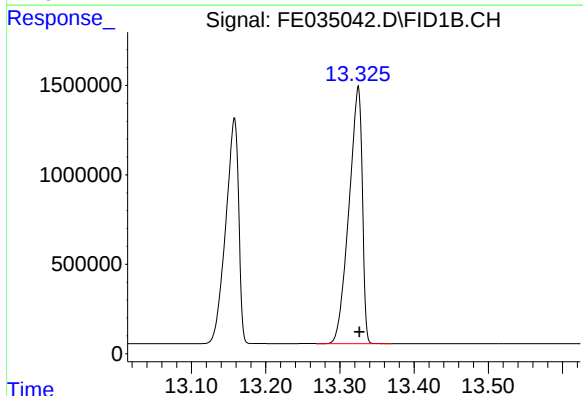
#9 ortho-Terphenyl (SURR)

R.T.: 11.743 min
Delta R.T.: 0.000 min
Response: 19716129
Conc: 19.57 ug/ml



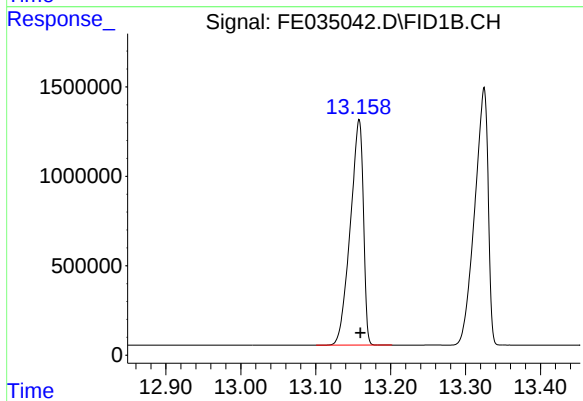
#10 n-Eicosane (C20)

R.T.: 12.715 min
Delta R.T.: 0.000 min
Response: 17885938
Conc: 19.43 ug/ml



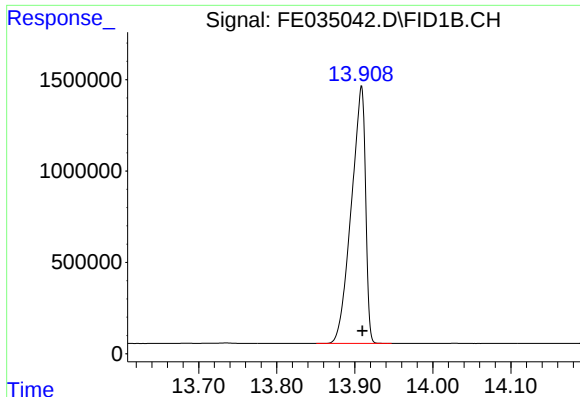
#11 n-Heneicosane (C21)

R.T.: 13.325 min
Delta R.T.: -0.002 min
Response: 17891126
Conc: 19.46 ug/ml



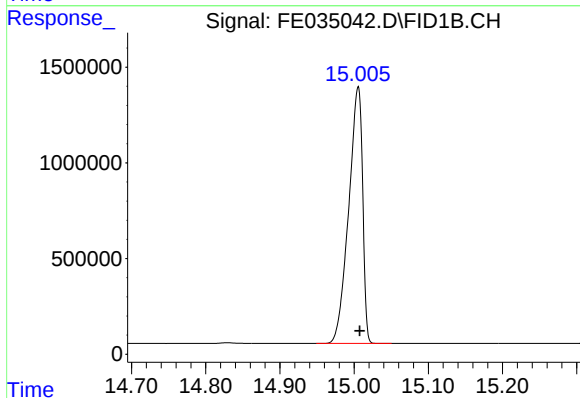
#12 1-chlorooctadecane (SURR)

R.T.: 13.158 min
Delta R.T.: -0.002 min
Response: 15283565
Conc: 19.48 ug/ml



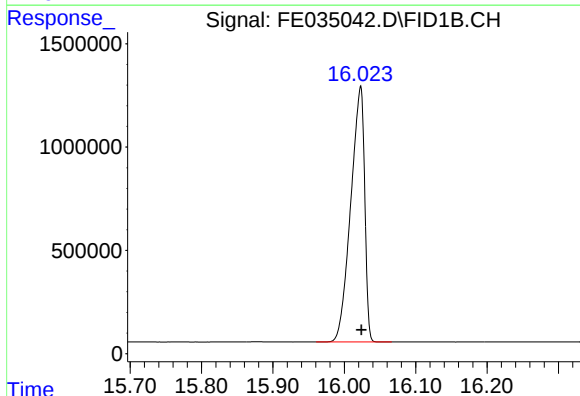
#13 n-Docosane (C22)

R.T.: 13.909 min
Delta R.T.: -0.001 min
Response: 17776379
Conc: 19.35 ug/ml



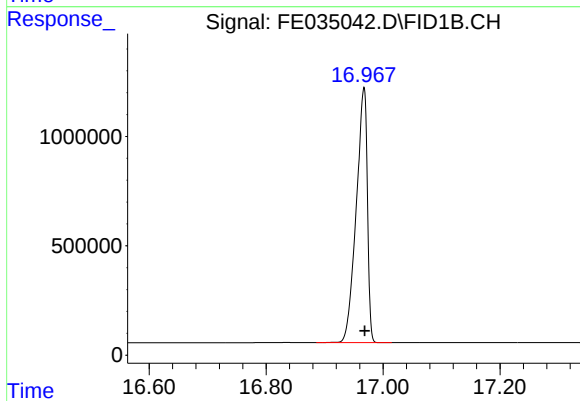
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: -0.002 min
Response: 17449583
Conc: 19.23 ug/ml



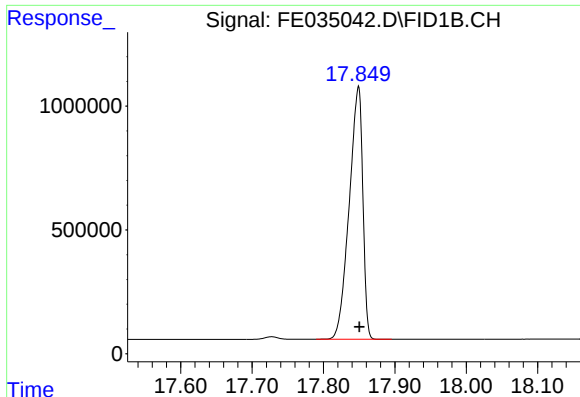
#15 n-Hexacosane (C26)

R.T.: 16.023 min
Delta R.T.: -0.001 min
Response: 16686736
Conc: 19.20 ug/ml



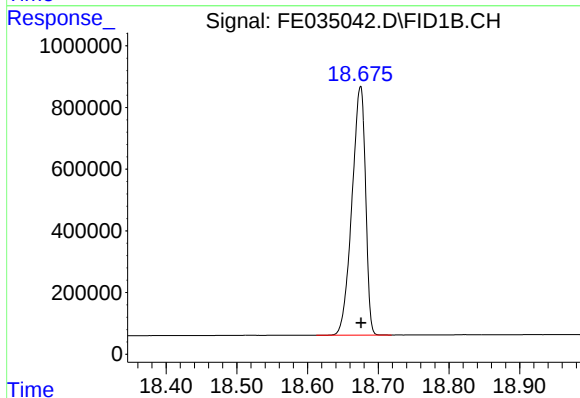
#16 n-Octacosane (C28)

R.T.: 16.967 min
Delta R.T.: -0.001 min
Response: 15424355
Conc: 19.21 ug/ml



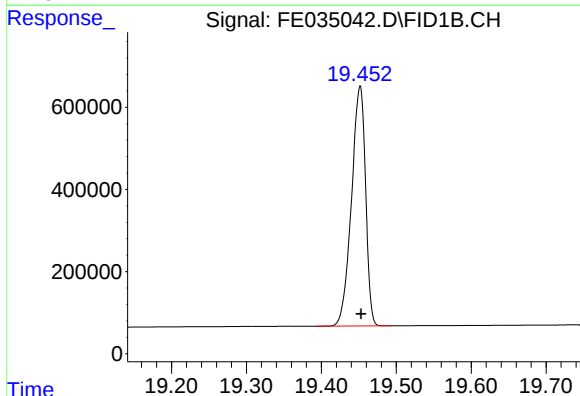
#17 n-Tricontane (C30)

R.T.: 17.849 min
Delta R.T.: -0.001 min
Response: 13506356
Conc: 19.24 ug/ml



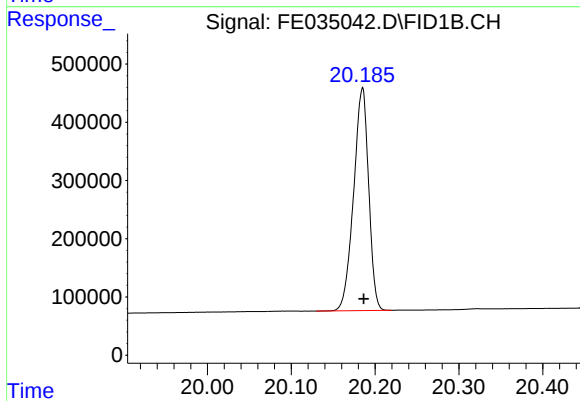
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: -0.001 min
Response: 10749683
Conc: 19.47 ug/ml



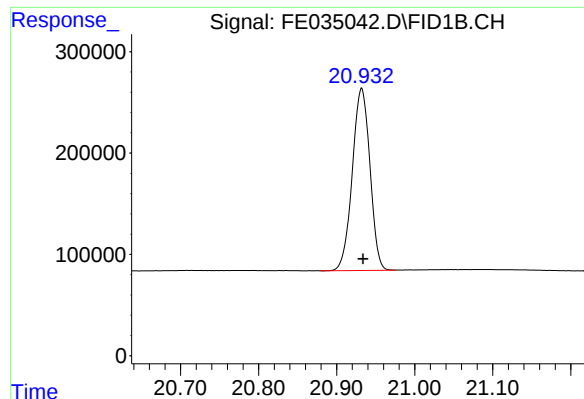
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min
Delta R.T.: -0.001 min
Response: 7623810
Conc: 19.84 ug/ml



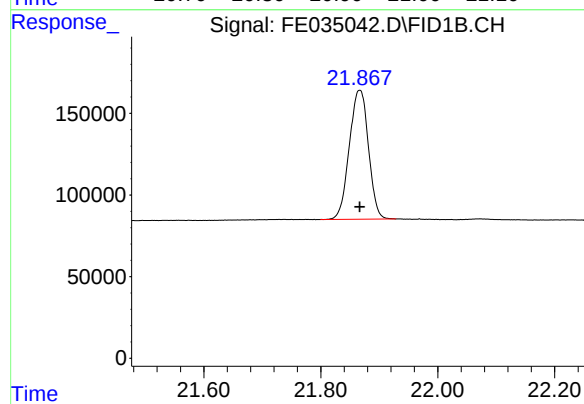
#20 n-Hexatriacontane (C36)

R.T.: 20.185 min
Delta R.T.: -0.002 min
Response: 4767396
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.002 min
Response: 2817143
Conc: 19.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.867 min
Delta R.T.: 0.000 min
Response: 1795150
Conc: 19.73 ug/ml