

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021822AL\
 Data File : FE035071.D
 Signal(s) : FID1B.CH
 Acq On : 18 Feb 2022 12:21
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 18 13:29:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021822.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 18 13:26:38 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)	11.759	47170795	50.891 ug/ml
Spiked Amount 50.000		Recovery =	101.78%
12) S 1-chlorooctadecane (S...	13.174	36047975	51.341 ug/ml
Spiked Amount 50.000		Recovery =	102.68%
Target Compounds			
1) T n-Nonane (C9)	3.625	40539638	51.725 ug/ml
2) T n-Decane (C10)	4.625	41332000	51.738 ug/ml
3) T A~Naphthalene (C11.7)	6.186	45703870	51.196 ug/ml
4) T n-Dodecane (C12)	6.602	42018803	51.105 ug/ml
5) T A~2-methylnaphthalene...	7.237	46215829	51.284 ug/ml
6) T n-Tetradecane (C14)	8.388	42121788	51.192 ug/ml
7) T n-Hexadecane (C16)	9.984	42382939	50.978 ug/ml
8) T n-Octadecane (C18)	11.427	42781254	50.798 ug/ml
10) T n-Eicosane (C20)	12.729	42339263	50.794 ug/ml
11) T n-Heneicosane (C21)	13.341	42455792	50.775 ug/ml
13) T n-Docosane (C22)	13.924	42394345	50.874 ug/ml
14) T n-Tetracosane (C24)	15.023	42076749	50.897 ug/ml
15) T n-Hexacosane (C26)	16.041	41223213	51.075 ug/ml
16) T n-Octacosane (C28)	16.985	39804178	51.540 ug/ml
17) T n-Tricontane (C30)	17.868	36952708	51.810 ug/ml
18) T n-Dotriacontane (C32)	18.695	32404923	51.627 ug/ml
19) T n-Tetratriacontane (C34)	19.472	26970238	51.529 ug/ml
20) T n-Hexatriacontane (C36)	20.203	20487874	52.039 ug/ml
21) T n-Octatriacontane (C38)	20.951	13812033	52.328 ug/ml
22) T n-Tetracontane (C40)	21.883	8836013	53.403 ug/ml

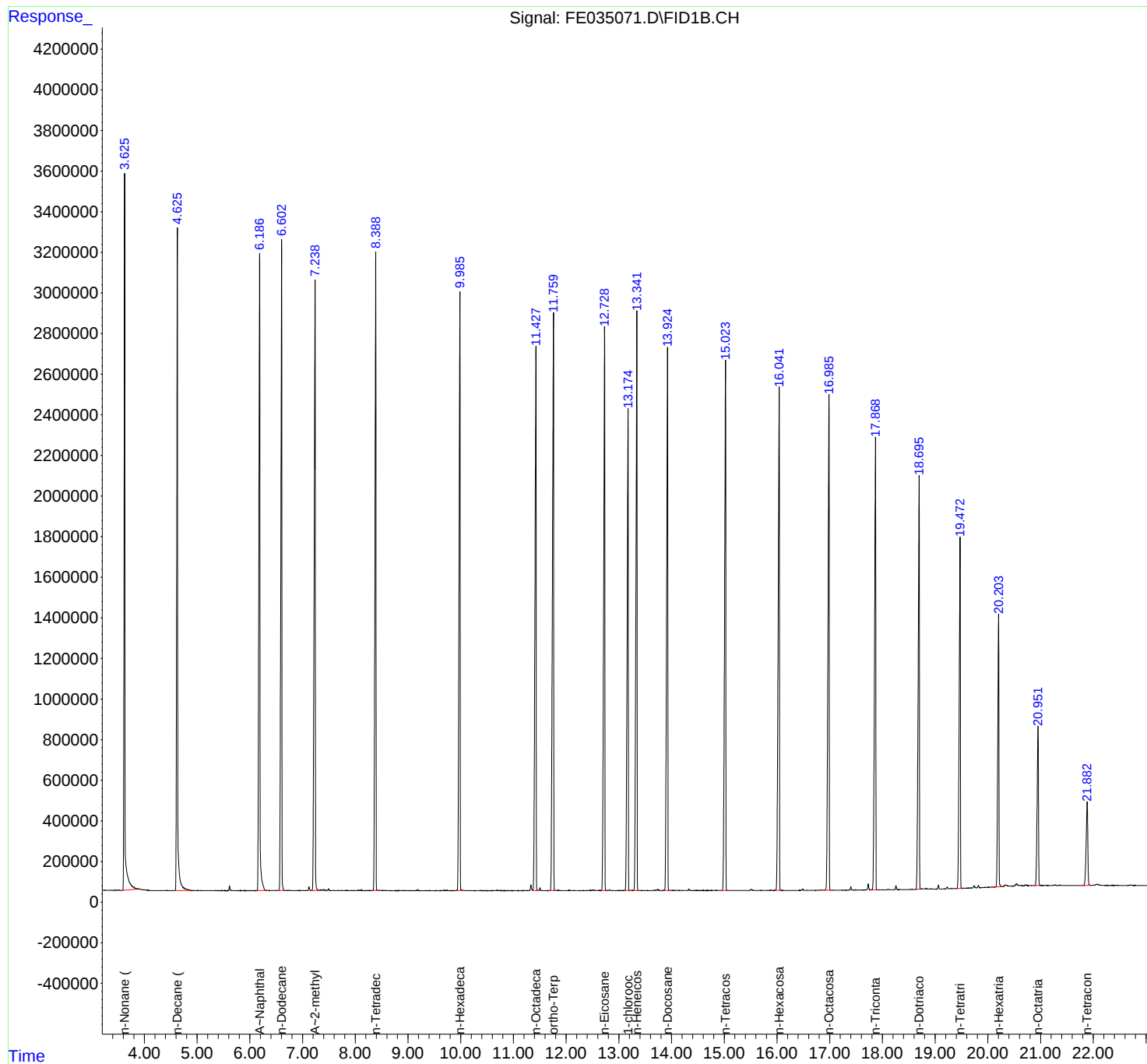
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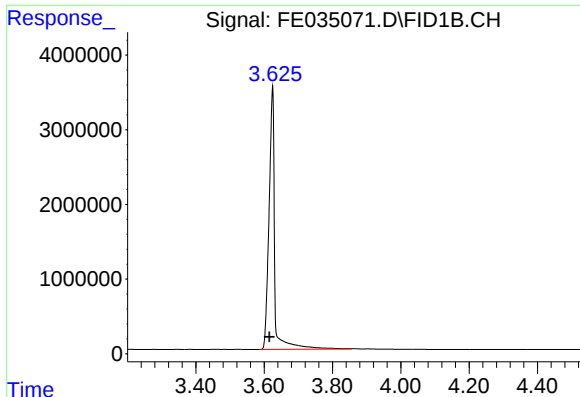
(m)=manual int.

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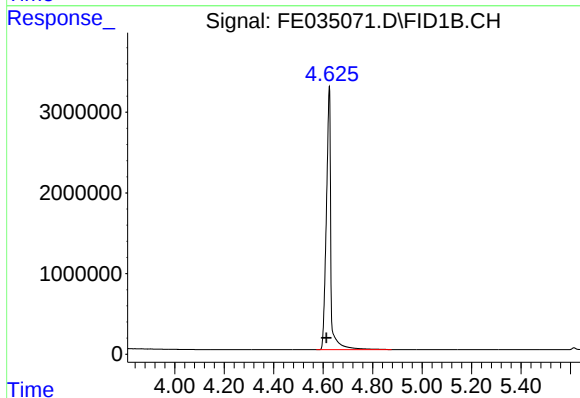
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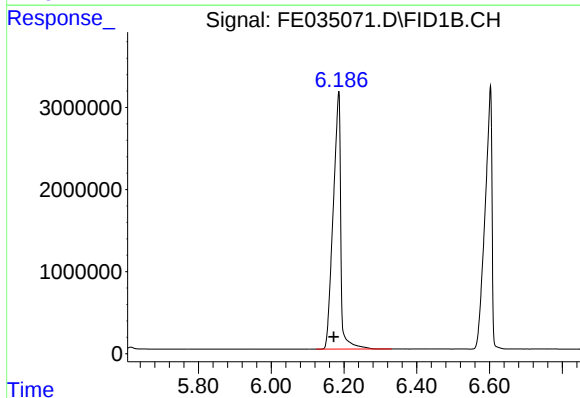
#1 n-Nonane (C9)

R.T.: 3.625 min
Delta R.T.: 0.009 min
Response: 40539638
Conc: 51.73 ug/ml



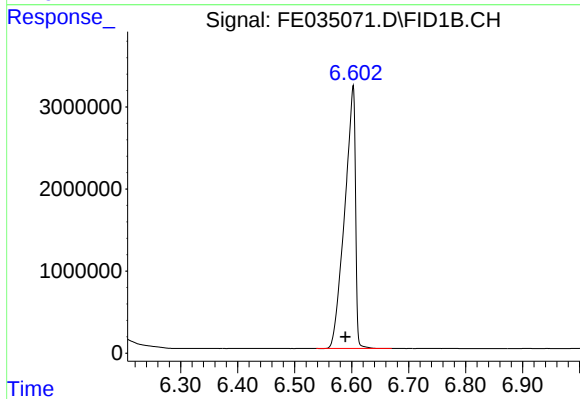
#2 n-Decane (C10)

R.T.: 4.625 min
Delta R.T.: 0.011 min
Response: 41332000
Conc: 51.74 ug/ml



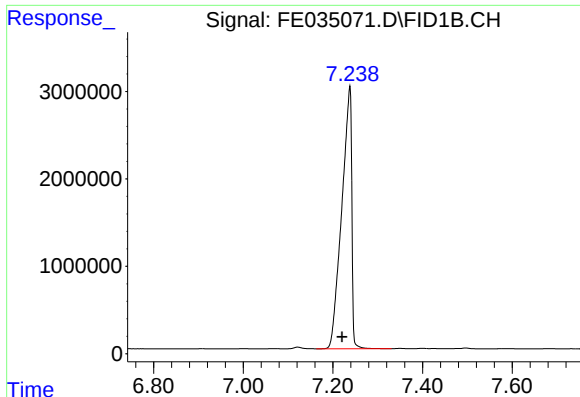
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: 0.014 min
Response: 45703870
Conc: 51.20 ug/ml



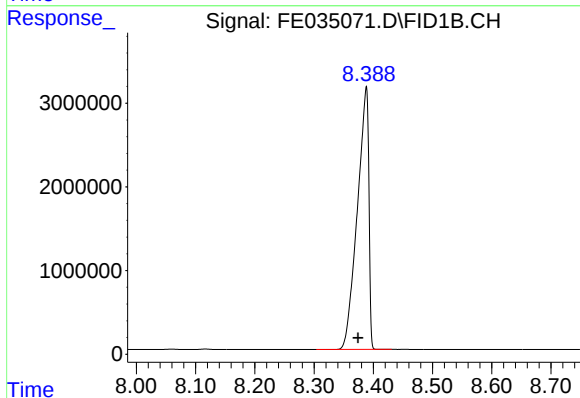
#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: 0.013 min
Response: 42018803
Conc: 51.11 ug/ml



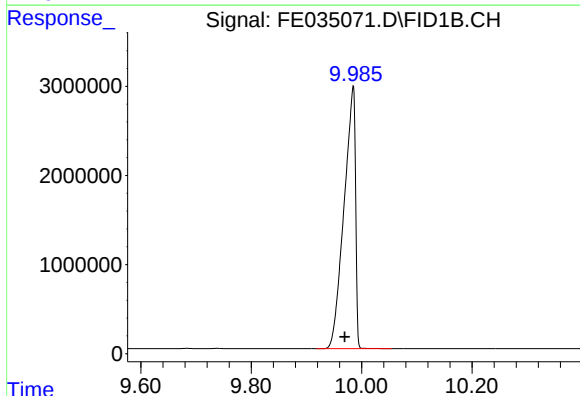
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.237 min
Delta R.T.: 0.017 min
Response: 46215829
Conc: 51.28 ug/ml



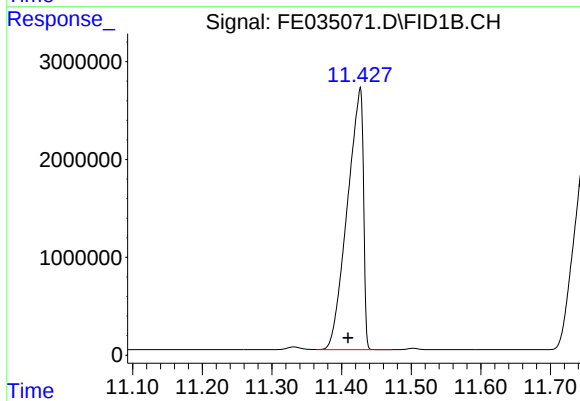
#6 n-Tetradecane (C14)

R.T.: 8.388 min
Delta R.T.: 0.014 min
Response: 42121788
Conc: 51.19 ug/ml



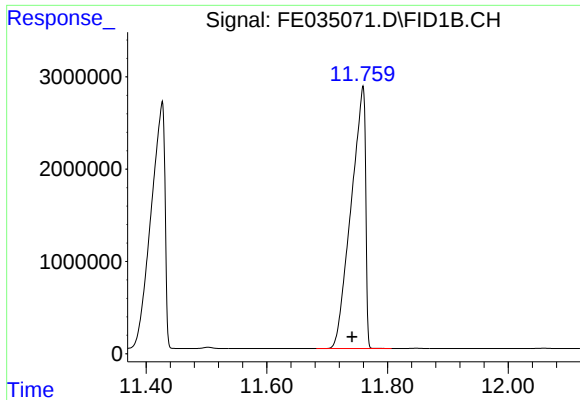
#7 n-Hexadecane (C16)

R.T.: 9.984 min
Delta R.T.: 0.015 min
Response: 42382939
Conc: 50.98 ug/ml



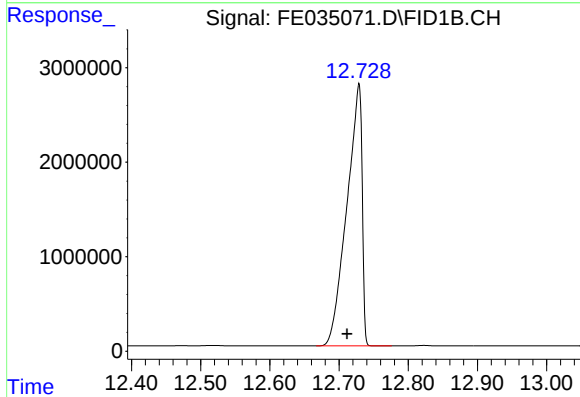
#8 n-Octadecane (C18)

R.T.: 11.427 min
Delta R.T.: 0.017 min
Response: 42781254
Conc: 50.80 ug/ml



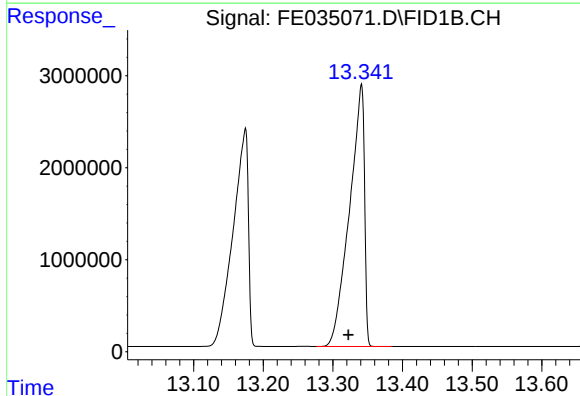
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min
Delta R.T.: 0.018 min
Response: 47170795
Conc: 50.89 ug/ml



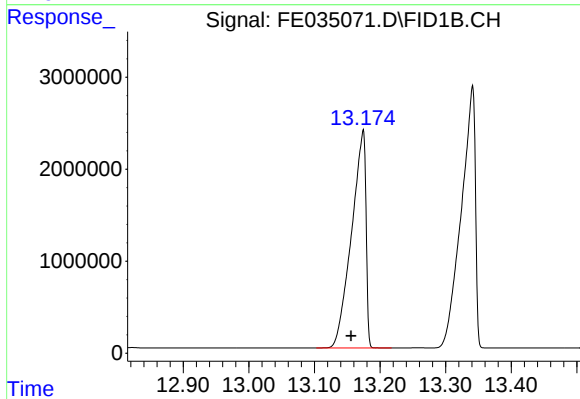
#10 n-Eicosane (C20)

R.T.: 12.729 min
Delta R.T.: 0.017 min
Response: 42339263
Conc: 50.79 ug/ml



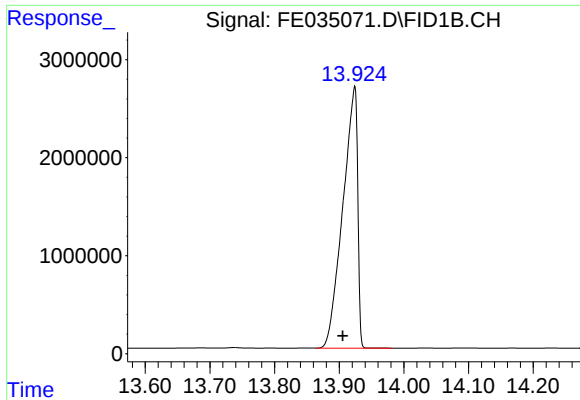
#11 n-Heneicosane (C21)

R.T.: 13.341 min
Delta R.T.: 0.019 min
Response: 42455792
Conc: 50.78 ug/ml



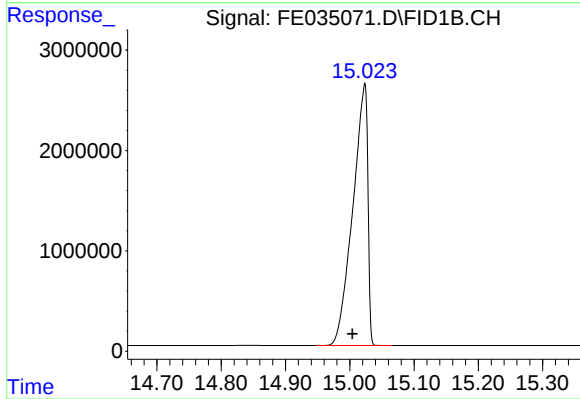
#12 1-chlorooctadecane (SURR)

R.T.: 13.174 min
Delta R.T.: 0.018 min
Response: 36047975
Conc: 51.34 ug/ml



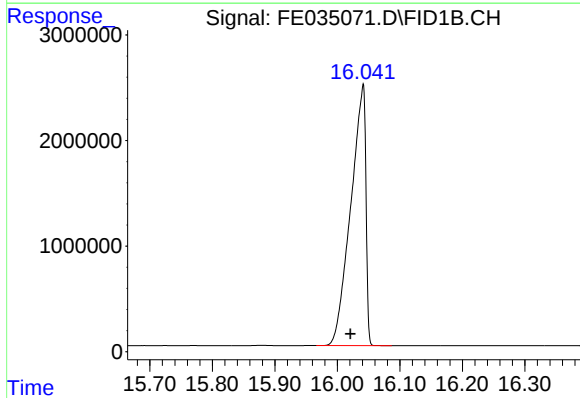
#13 n-Docosane (C22)

R.T.: 13.924 min
Delta R.T.: 0.018 min
Response: 42394345
Conc: 50.87 ug/ml



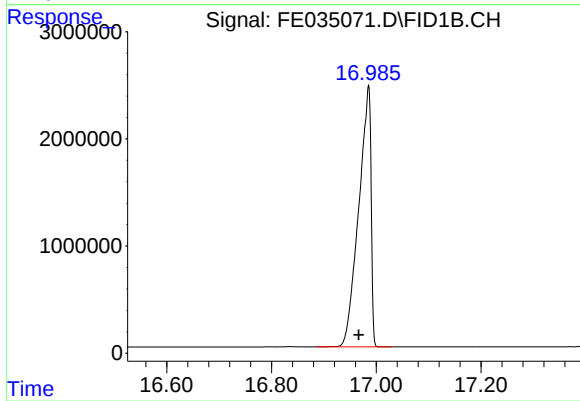
#14 n-Tetracosane (C24)

R.T.: 15.023 min
Delta R.T.: 0.019 min
Response: 42076749
Conc: 50.90 ug/ml



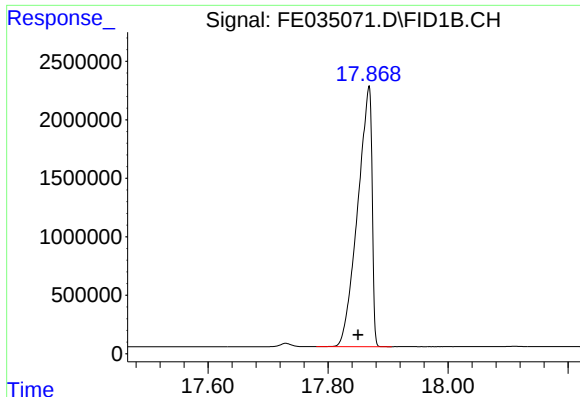
#15 n-Hexacosane (C26)

R.T.: 16.041 min
Delta R.T.: 0.020 min
Response: 41223213
Conc: 51.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.985 min
Delta R.T.: 0.019 min
Response: 39804178
Conc: 51.54 ug/ml



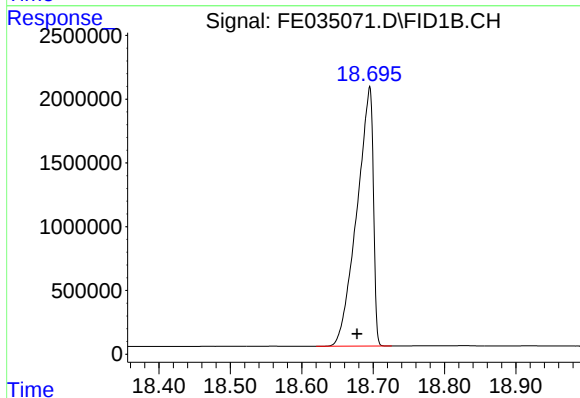
#17 n-Tricontane (C30)

R.T.: 17.868 min

Delta R.T.: 0.018 min

Response: 36952708

Conc: 51.81 ug/ml



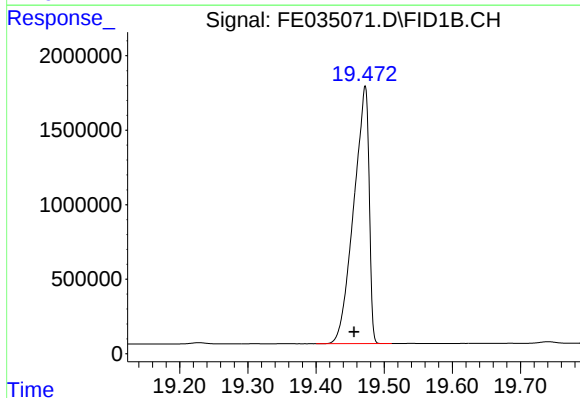
#18 n-Dotriacontane (C32)

R.T.: 18.695 min

Delta R.T.: 0.018 min

Response: 32404923

Conc: 51.63 ug/ml



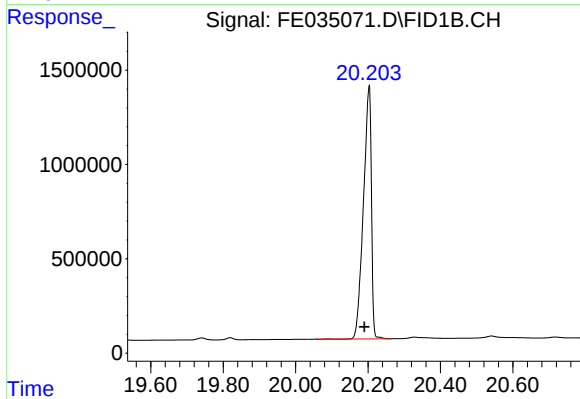
#19 n-Tetratriacontane (C34)

R.T.: 19.472 min

Delta R.T.: 0.016 min

Response: 26970238

Conc: 51.53 ug/ml



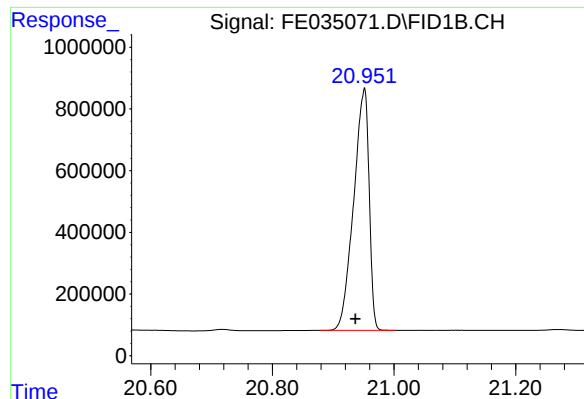
#20 n-Hexatriacontane (C36)

R.T.: 20.203 min

Delta R.T.: 0.013 min

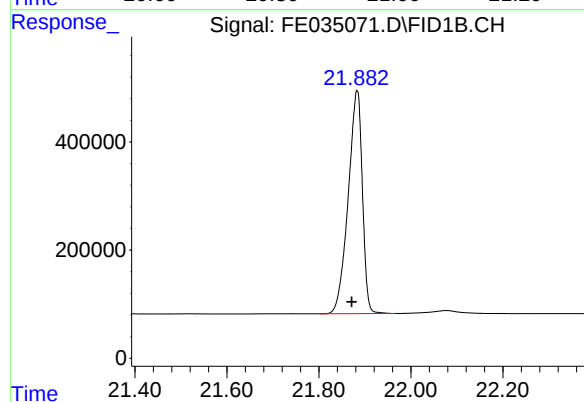
Response: 20487874

Conc: 52.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.951 min
Delta R.T.: 0.015 min
Response: 13812033
Conc: 52.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.883 min
Delta R.T.: 0.011 min
Response: 8836013
Conc: 53.40 ug/ml