

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021822AL\
 Data File : FE035098.D
 Signal(s) : FID1B.CH
 Acq On : 19 Feb 2022 2:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 19 04:24:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021822.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 18 14:37:45 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)	11.739	20972886	21.586 ug/ml
Spiked Amount 50.000		Recovery =	43.17%
12) S 1-chlorooctadecane (S...	13.155	16380589	22.269 ug/ml
Spiked Amount 50.000		Recovery =	44.54%
Target Compounds			
1) T n-Nonane (C9)	3.626	17803499	21.727 ug/ml
2) T n-Decane (C10)	4.617	18228795	21.763 ug/ml
3) T A~Naphthalene (C11.7)	6.172	20103566	21.453 ug/ml
4) T n-Dodecane (C12)	6.590	18878462	21.869 ug/ml
5) T A~2-methylnaphthalene...	7.222	20309860	21.484 ug/ml
6) T n-Tetradecane (C14)	8.374	18942365	21.976 ug/ml
7) T n-Hexadecane (C16)	9.969	19152327	22.004 ug/ml
8) T n-Octadecane (C18)	11.408	19253702	21.822 ug/ml
10) T n-Eicosane (C20)	12.710	19031793	21.799 ug/ml
11) T n-Heneicosane (C21)	13.321	19027966	21.747 ug/ml
13) T n-Docosane (C22)	13.906	18897622	21.663 ug/ml
14) T n-Tetracosane (C24)	15.003	18492196	21.375 ug/ml
15) T n-Hexacosane (C26)	16.019	17621684	20.901 ug/ml
16) T n-Octacosane (C28)	16.963	16074548	19.932 ug/ml
17) T n-Tricontane (C30)	17.844	13479342	18.036 ug/ml
18) T n-Dotriacontane (C32)	18.670	9981317	15.140 ug/ml
19) T n-Tetratriacontane (C34)	19.447	6611281	12.088 ug/ml
20) T n-Hexatriacontane (C36)	20.180	4000108	9.783 ug/ml
21) T n-Octatriacontane (C38)	20.928	2505001	9.167 ug/ml
22) T n-Tetracontane (C40)	21.859	1748187	10.138 ug/ml

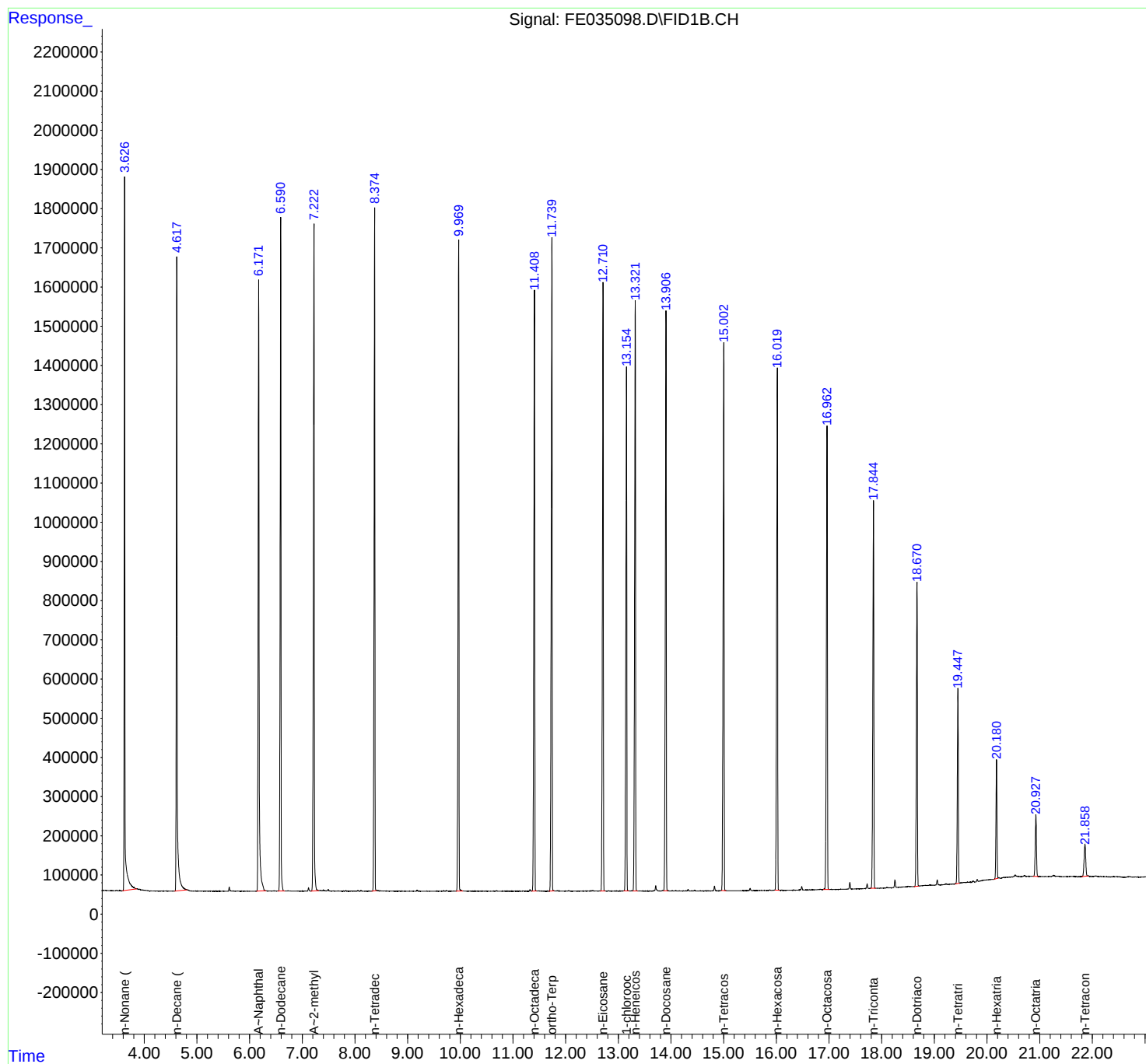
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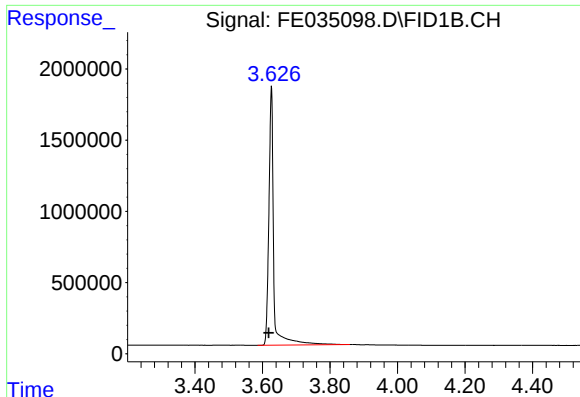
(m)=manual int.

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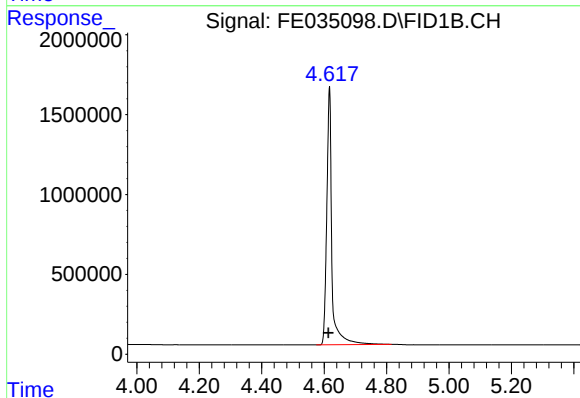
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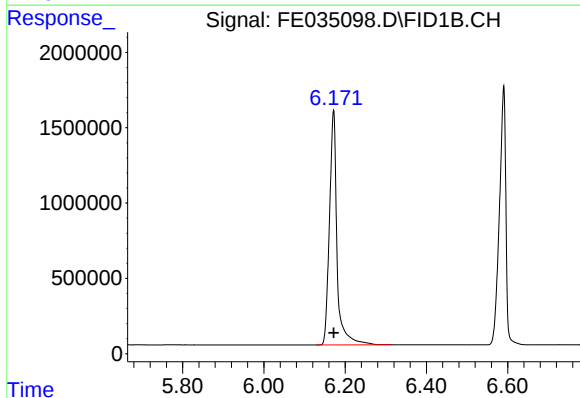
#1 n-Nonane (C9)

R.T.: 3.626 min
Delta R.T.: 0.008 min
Response: 17803499
Conc: 21.73 ug/ml



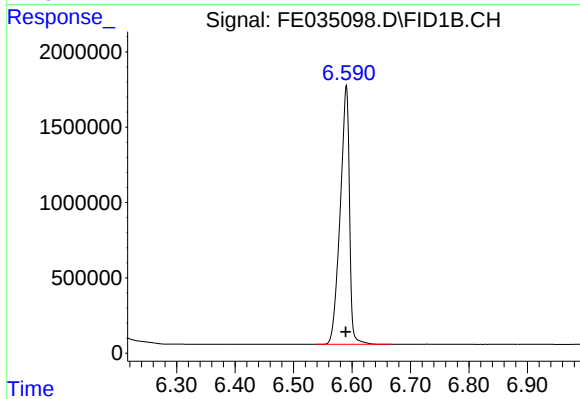
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.003 min
Response: 18228795
Conc: 21.76 ug/ml



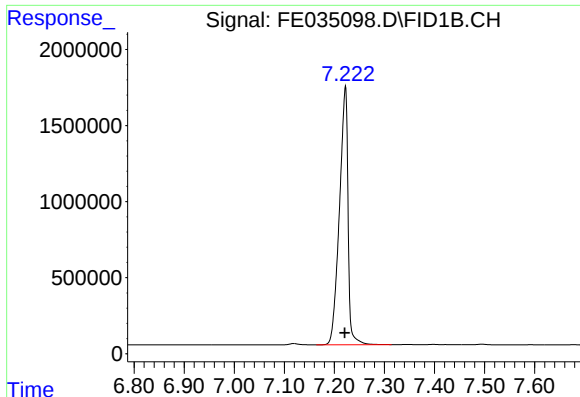
#3 A~Naphthalene (C11.7)

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 20103566
Conc: 21.45 ug/ml



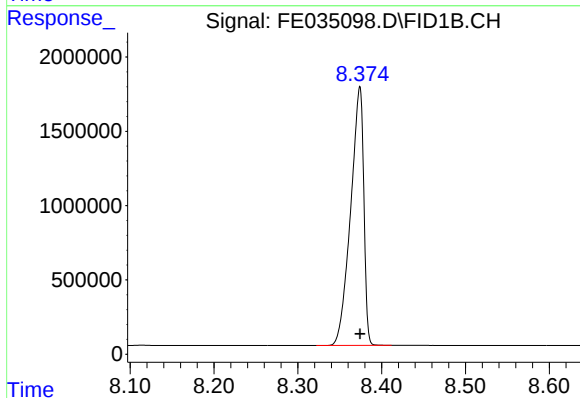
#4 n-Dodecane (C12)

R.T.: 6.590 min
Delta R.T.: 0.001 min
Response: 18878462
Conc: 21.87 ug/ml



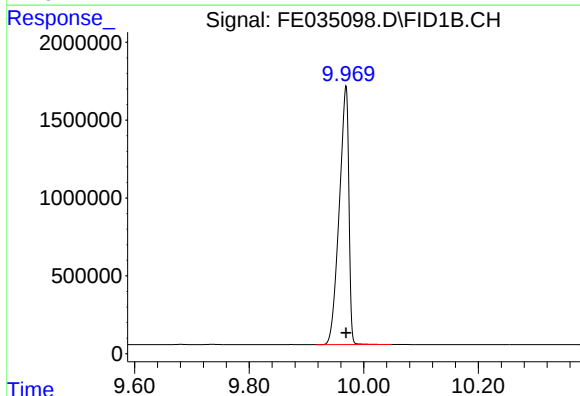
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.222 min
Delta R.T.: 0.001 min
Response: 20309860
Conc: 21.48 ug/ml



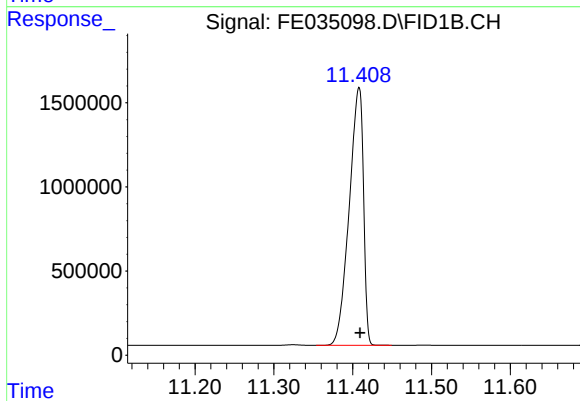
#6 n-Tetradecane (C14)

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 18942365
Conc: 21.98 ug/ml



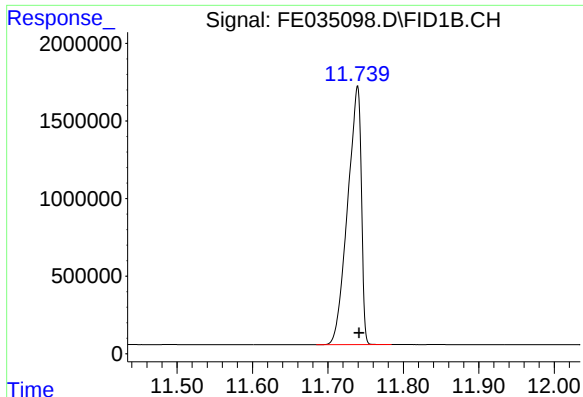
#7 n-Hexadecane (C16)

R.T.: 9.969 min
Delta R.T.: 0.000 min
Response: 19152327
Conc: 22.00 ug/ml



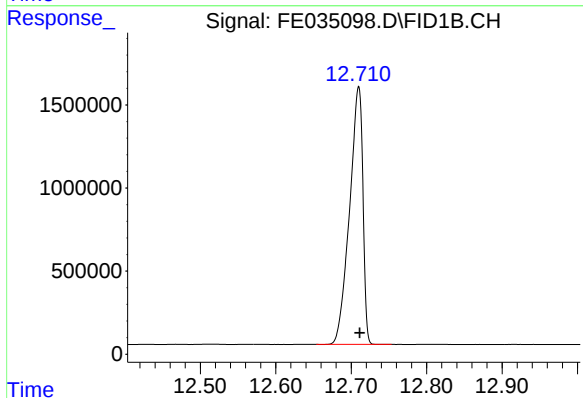
#8 n-Octadecane (C18)

R.T.: 11.408 min
Delta R.T.: -0.002 min
Response: 19253702
Conc: 21.82 ug/ml



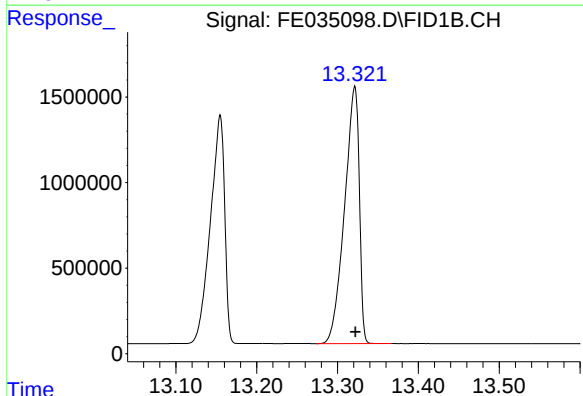
#9 ortho-Terphenyl (SURR)

R.T.: 11.739 min
Delta R.T.: -0.002 min
Response: 20972886
Conc: 21.59 ug/ml



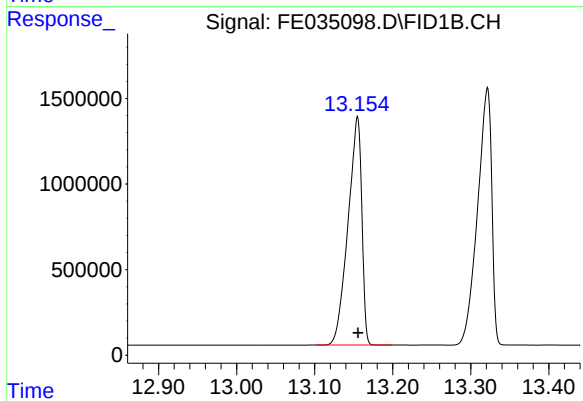
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: -0.002 min
Response: 19031793
Conc: 21.80 ug/ml



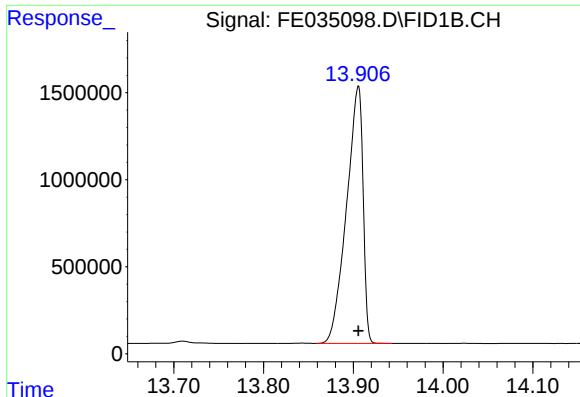
#11 n-Heneicosane (C21)

R.T.: 13.321 min
Delta R.T.: 0.000 min
Response: 19027966
Conc: 21.75 ug/ml



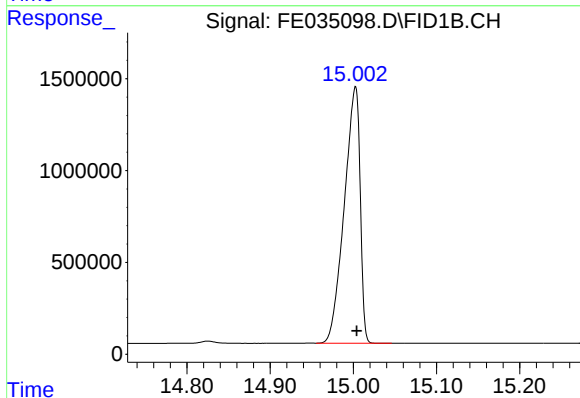
#12 1-chlorooctadecane (SURR)

R.T.: 13.155 min
Delta R.T.: 0.000 min
Response: 16380589
Conc: 22.27 ug/ml



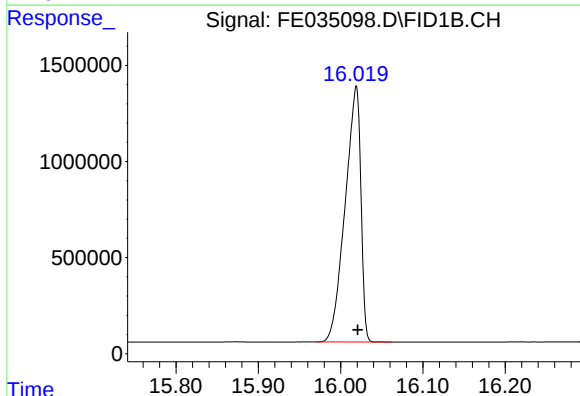
#13 n-Docosane (C22)

R.T.: 13.906 min
Delta R.T.: 0.000 min
Response: 18897622
Conc: 21.66 ug/ml



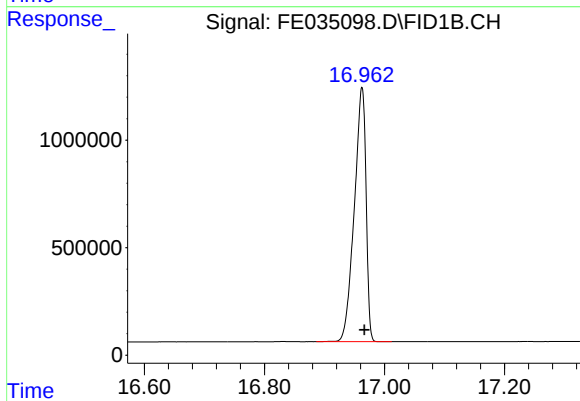
#14 n-Tetracosane (C24)

R.T.: 15.003 min
Delta R.T.: -0.002 min
Response: 18492196
Conc: 21.38 ug/ml



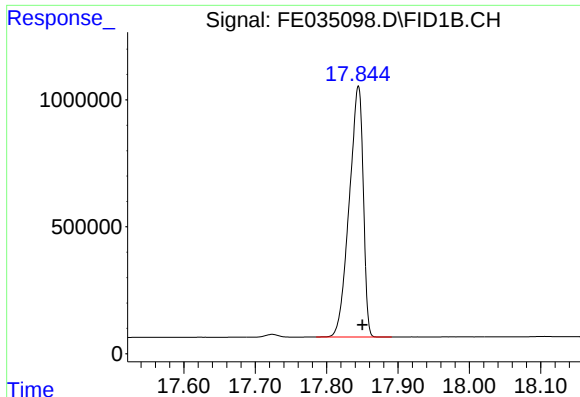
#15 n-Hexacosane (C26)

R.T.: 16.019 min
Delta R.T.: -0.002 min
Response: 17621684
Conc: 20.90 ug/ml



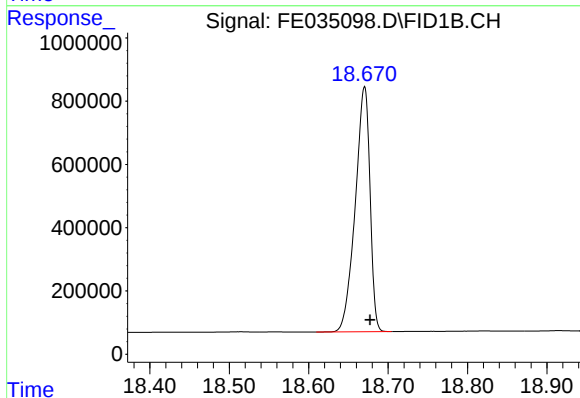
#16 n-Octacosane (C28)

R.T.: 16.963 min
Delta R.T.: -0.004 min
Response: 16074548
Conc: 19.93 ug/ml



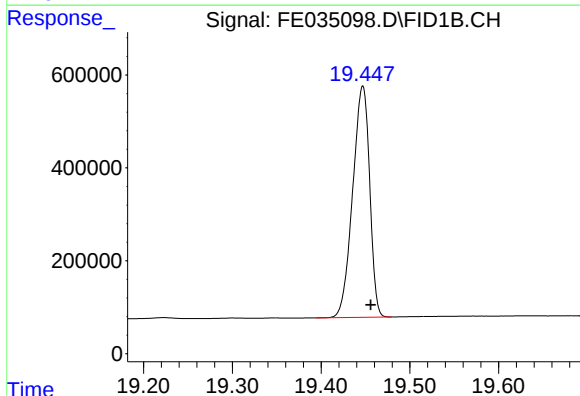
#17 n-Tricontane (C30)

R.T.: 17.844 min
Delta R.T.: -0.006 min
Response: 13479342
Conc: 18.04 ug/ml



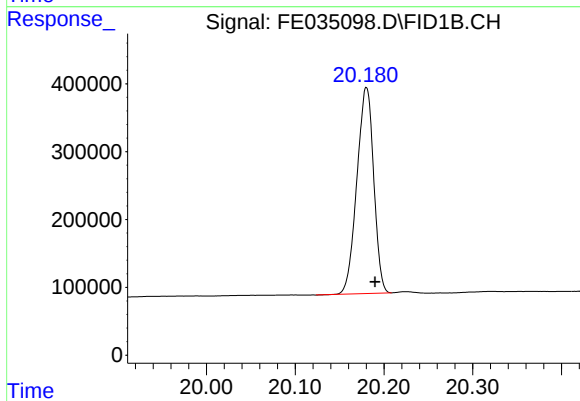
#18 n-Dotriacontane (C32)

R.T.: 18.670 min
Delta R.T.: -0.007 min
Response: 9981317
Conc: 15.14 ug/ml



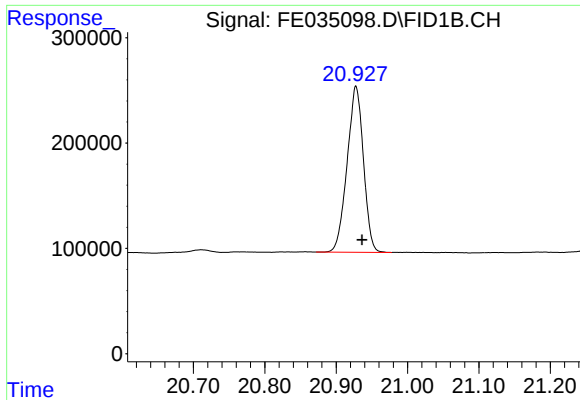
#19 n-Tetratriacontane (C34)

R.T.: 19.447 min
Delta R.T.: -0.009 min
Response: 6611281
Conc: 12.09 ug/ml



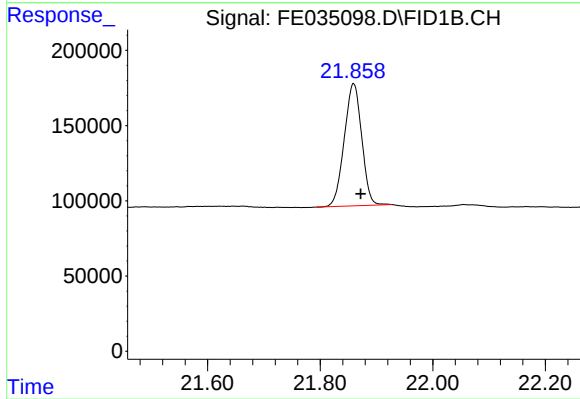
#20 n-Hexatriacontane (C36)

R.T.: 20.180 min
Delta R.T.: -0.010 min
Response: 4000108
Conc: 9.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.928 min
Delta R.T.: -0.009 min
Response: 2505001
Conc: 9.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.859 min
Delta R.T.: -0.013 min
Response: 1748187
Conc: 10.14 ug/ml