

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121221AL\
 Data File : FD039870.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2021 7:25
 Operator : AJ\MA
 Sample : M5018-39MS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 13 08:21:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 11:55:55 2021
 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)	11.455	5038623	36.506 ug/ml
Spiked Amount 50.000		Recovery =	73.01%
12) S 1-chlorooctadecane (S...	12.883	4100993	38.152 ug/ml
Spiked Amount 50.000		Recovery =	76.30%
Target Compounds			
1) T n-Nonane (C9)	3.265	4426739	36.898 ug/mlm
2) T n-Decane (C10)	4.323	5076654	42.106 ug/ml
3) T A~Naphthalene (C11.7)	5.897	6078427	47.047 ug/ml
4) T n-Dodecane (C12)	6.327	5513587	45.782 ug/ml
5) T A~2-methylnaphthalene...	6.947	6152326	47.714 ug/ml
6) T n-Tetradecane (C14)	8.114	5856410	48.317 ug/ml
7) T n-Hexadecane (C16)	9.706	6385944	52.187 ug/ml
8) T n-Octadecane (C18)	11.142	6930058	54.275 ug/ml
10) T n-Eicosane (C20)	12.445	7049922	54.923 ug/ml
11) T n-Heneicosane (C21)	13.053	7047393	53.793 ug/ml
13) T n-Docosane (C22)	13.637	7043015	53.854 ug/ml
14) T n-Tetracosane (C24)	14.732	5848559	43.728 ug/ml
15) T n-Hexacosane (C26)	15.751	6943963	52.831 ug/ml
16) T n-Octacosane (C28)	16.694	6887740	53.130 ug/ml
17) T n-Tricontane (C30)	17.578	6584631	53.120 ug/ml
18) T n-Dotriacontane (C32)	18.404	6127425	53.390 ug/ml
19) T n-Tetratriacontane (C34)	19.184	5672720	53.217 ug/ml
20) T n-Hexatriacontane (C36)	19.918	5034270	51.418 ug/mlm
21) T n-Octatriacontane (C38)	20.622	4651360	51.113 ug/mlm
22) T n-Tetracontane (C40)	21.470	4597407	57.718 ug/ml

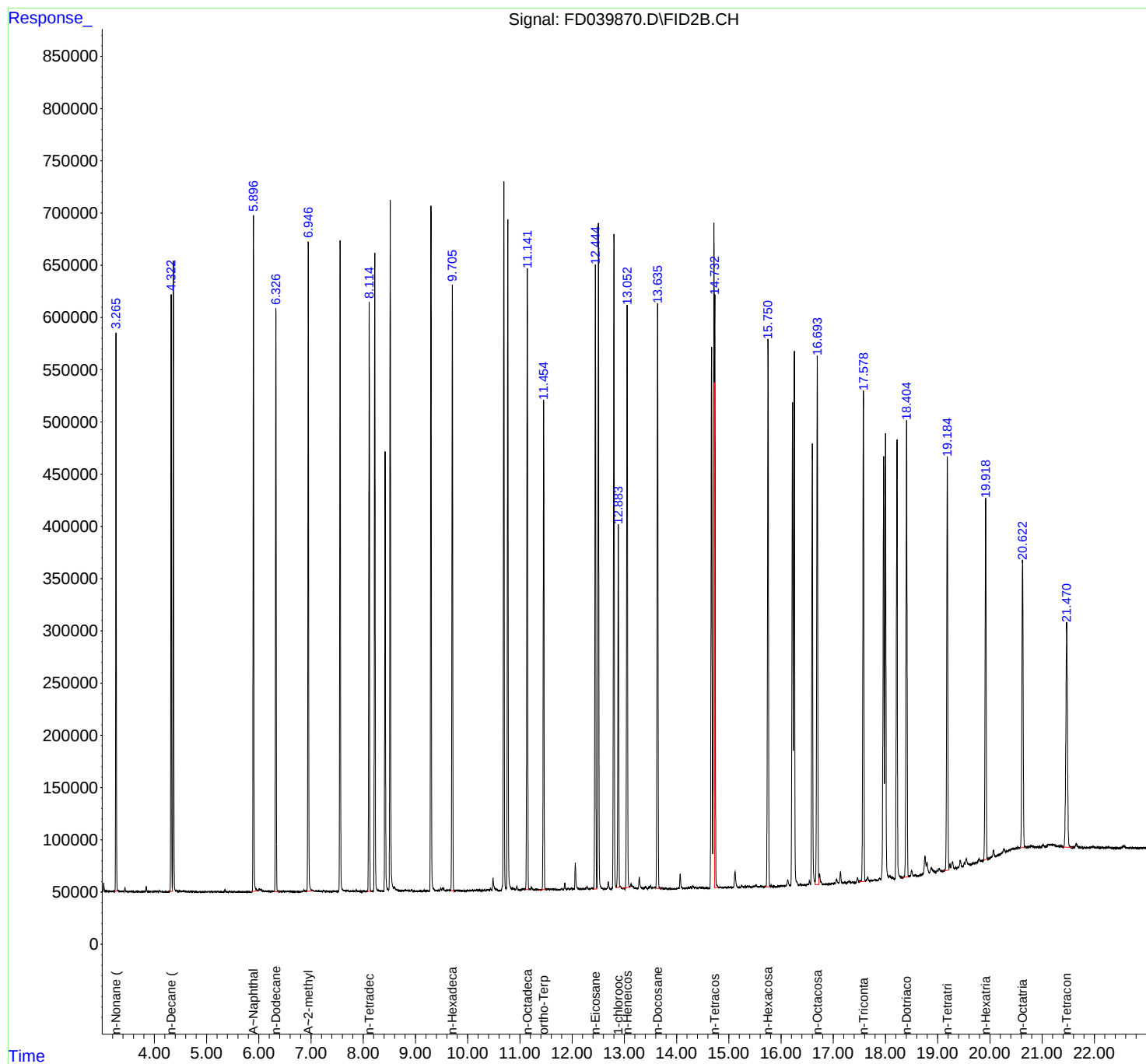
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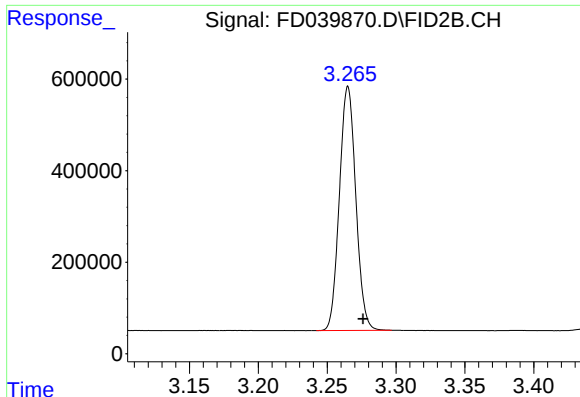
(m)=manual int.

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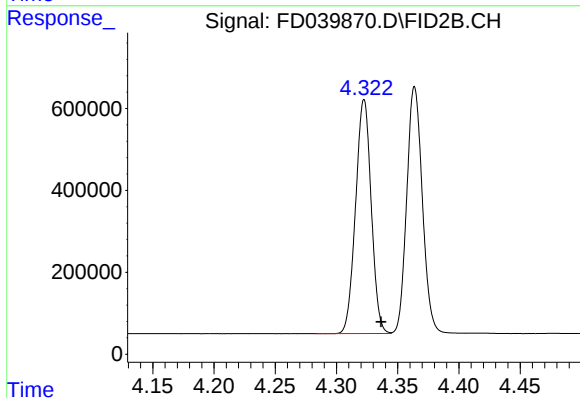
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Signal Info : 20M x 0.18mm x 0.18um





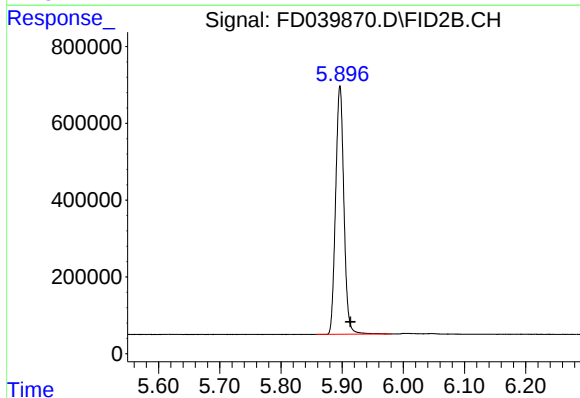
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.011 min
Response: 4426739
Conc: 36.90 ug/ml m



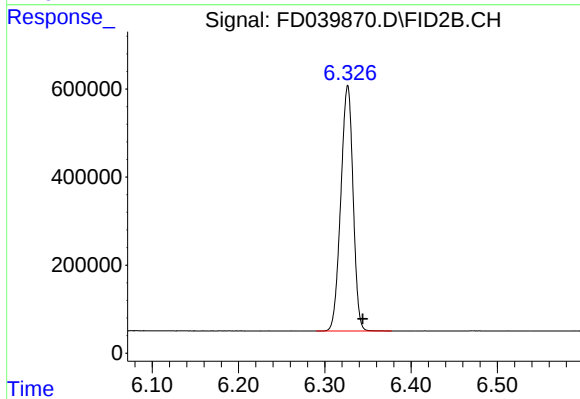
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: -0.014 min
Response: 5076654
Conc: 42.11 ug/ml



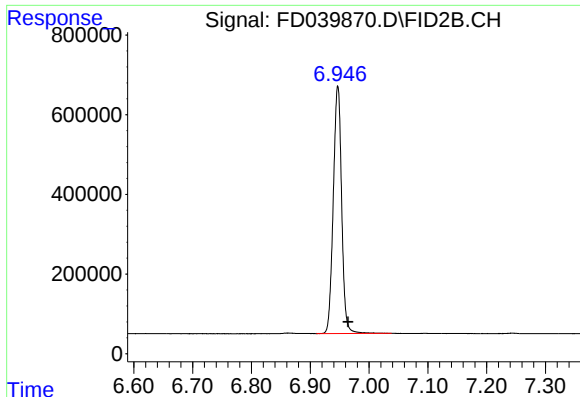
#3 A~Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: -0.017 min
Response: 6078427
Conc: 47.05 ug/ml



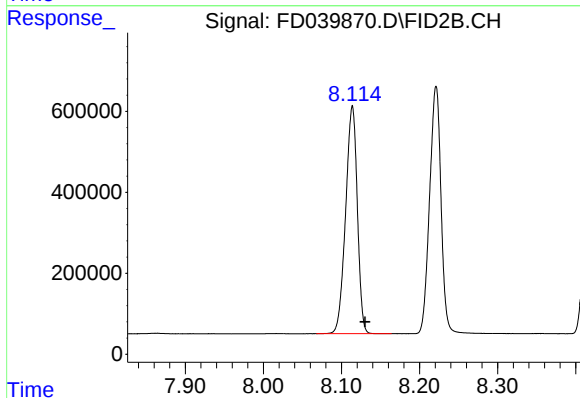
#4 n-Dodecane (C12)

R.T.: 6.327 min
Delta R.T.: -0.018 min
Response: 5513587
Conc: 45.78 ug/ml



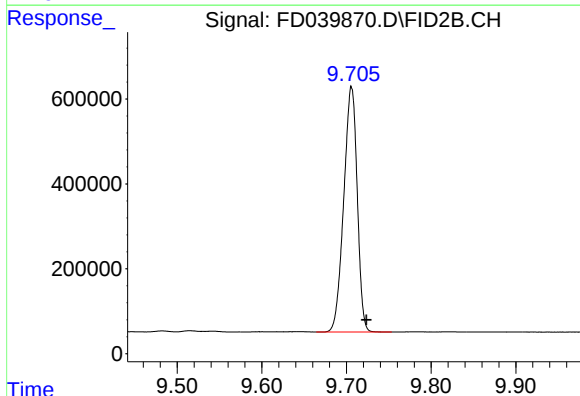
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.017 min
Response: 6152326
Conc: 47.71 ug/ml



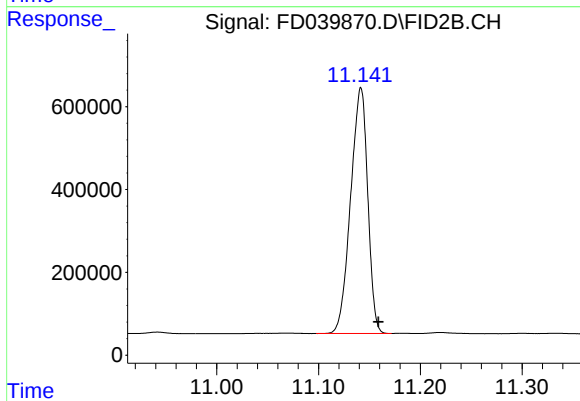
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: -0.016 min
Response: 5856410
Conc: 48.32 ug/ml



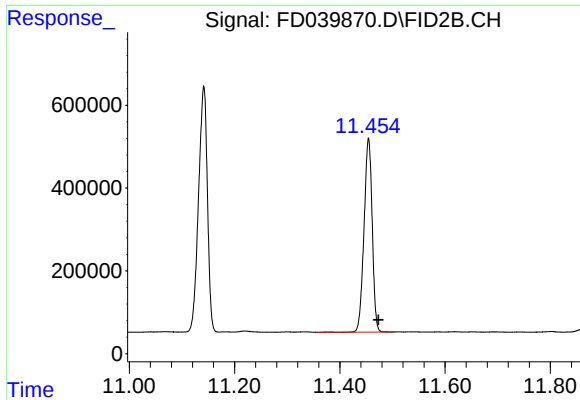
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.018 min
Response: 6385944
Conc: 52.19 ug/ml



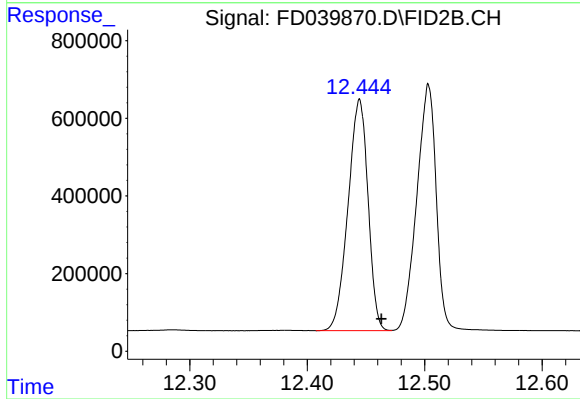
#8 n-Octadecane (C18)

R.T.: 11.142 min
Delta R.T.: -0.017 min
Response: 6930058
Conc: 54.27 ug/ml



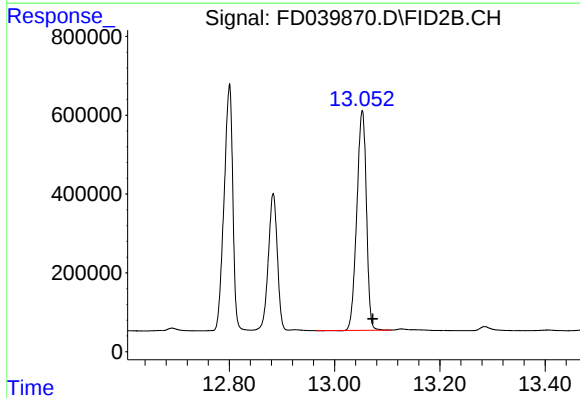
#9 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.019 min
Response: 5038623
Conc: 36.51 ug/ml



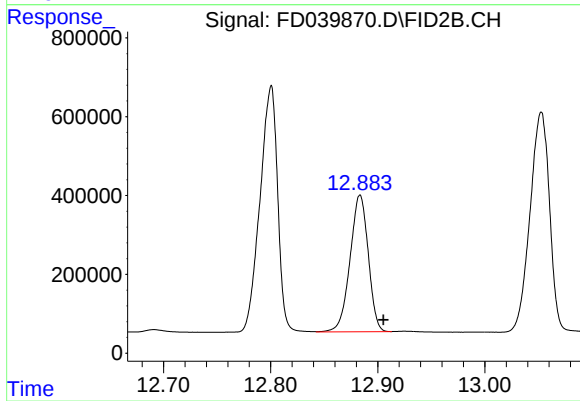
#10 n-Eicosane (C20)

R.T.: 12.445 min
Delta R.T.: -0.019 min
Response: 7049922
Conc: 54.92 ug/ml



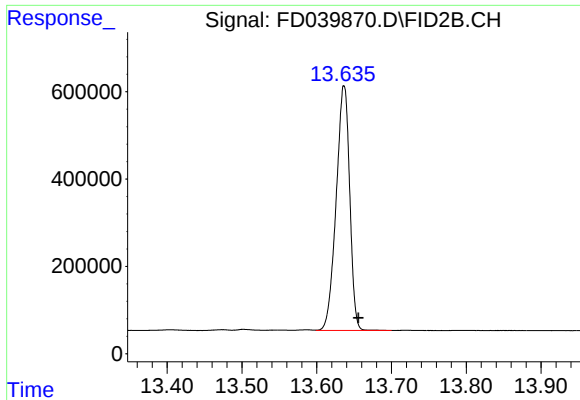
#11 n-Heneicosane (C21)

R.T.: 13.053 min
Delta R.T.: -0.020 min
Response: 7047393
Conc: 53.79 ug/ml



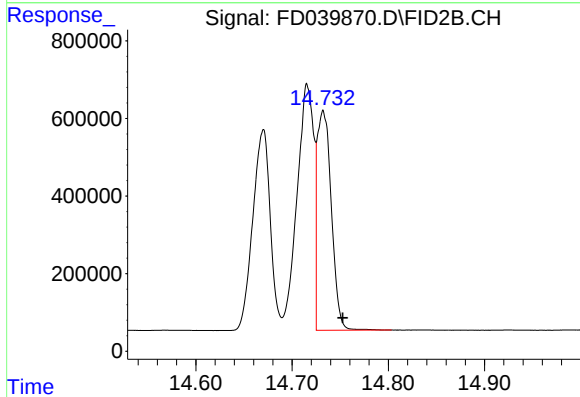
#12 1-chlorooctadecane (SURR)

R.T.: 12.883 min
Delta R.T.: -0.022 min
Response: 4100993
Conc: 38.15 ug/ml



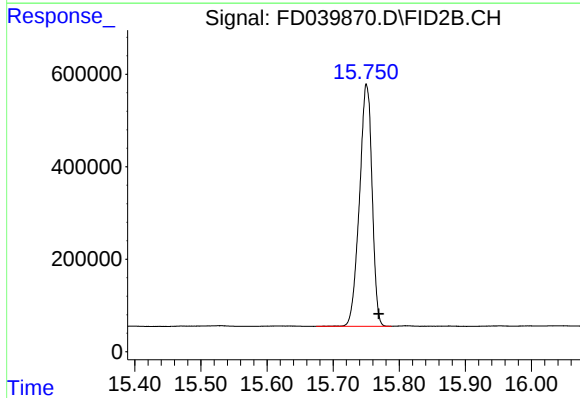
#13 n-Docosane (C22)

R.T.: 13.637 min
Delta R.T.: -0.019 min
Response: 7043015
Conc: 53.85 ug/ml



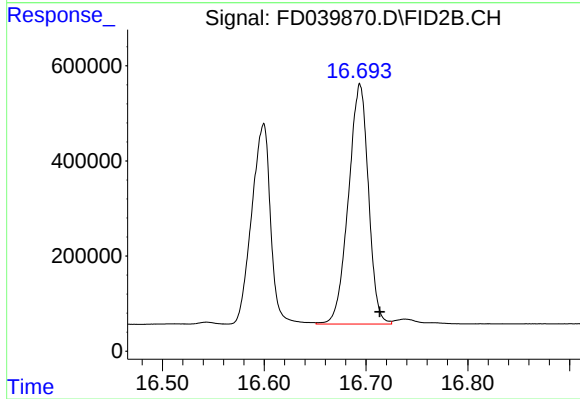
#14 n-Tetracosane (C24)

R.T.: 14.732 min
Delta R.T.: -0.020 min
Response: 5848559
Conc: 43.73 ug/ml



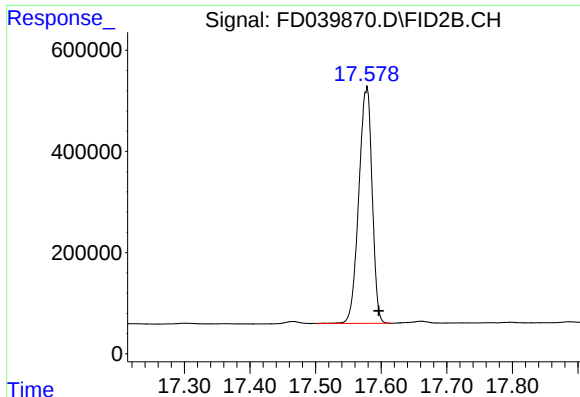
#15 n-Hexacosane (C26)

R.T.: 15.751 min
Delta R.T.: -0.018 min
Response: 6943963
Conc: 52.83 ug/ml



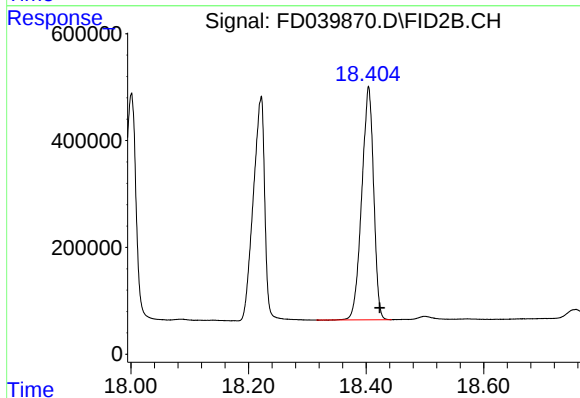
#16 n-Octacosane (C28)

R.T.: 16.694 min
Delta R.T.: -0.019 min
Response: 6887740
Conc: 53.13 ug/ml



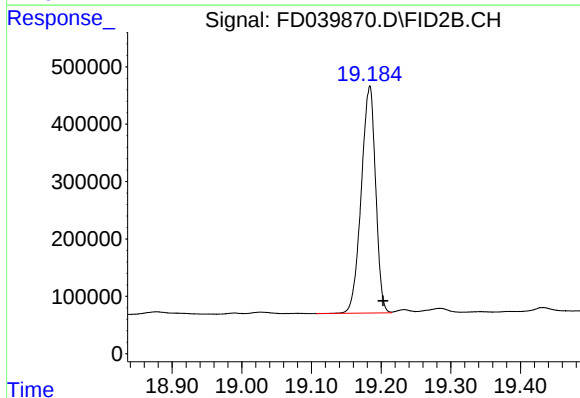
#17 n-Tricontane (C30)

R.T.: 17.578 min
Delta R.T.: -0.018 min
Response: 6584631
Conc: 53.12 ug/ml



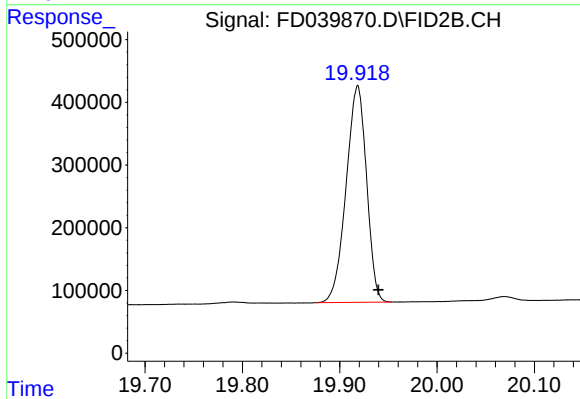
#18 n-Dotriacontane (C32)

R.T.: 18.404 min
Delta R.T.: -0.019 min
Response: 6127425
Conc: 53.39 ug/ml



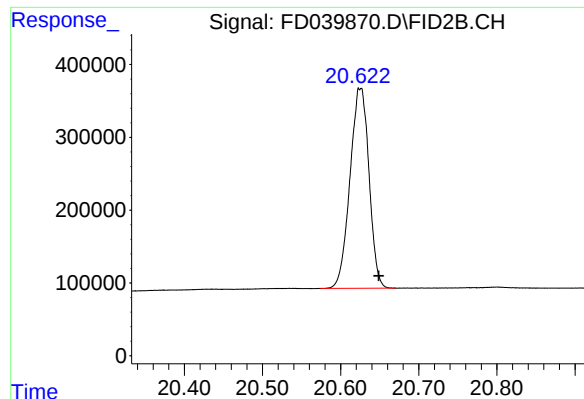
#19 n-Tetratriacontane (C34)

R.T.: 19.184 min
Delta R.T.: -0.019 min
Response: 5672720
Conc: 53.22 ug/ml



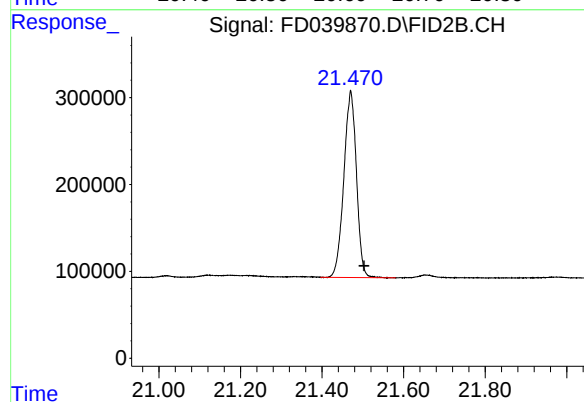
#20 n-Hexatriacontane (C36)

R.T.: 19.918 min
Delta R.T.: -0.021 min
Response: 5034270
Conc: 51.42 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.622 min
Delta R.T.: -0.026 min
Response: 4651360
Conc: 51.11 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.470 min
Delta R.T.: -0.033 min
Response: 4597407
Conc: 57.72 ug/ml