

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122821AL\
 Data File : FD040219.D
 Signal(s) : FID2B.CH
 Acq On : 28 Dec 2021 16:00
 Operator : AJ\MA
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 29 02:18:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:17:42 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)	10.731	15367403	95.359 ug/ml
Spiked Amount 50.000		Recovery =	190.72%
12) S 1-chlorooctadecane (S...	12.163	11897539	95.548 ug/ml
Spiked Amount 50.000		Recovery =	191.10%
Target Compounds			
1) T n-Nonane (C9)	2.642	12899102	94.720 ug/ml
2) T n-Decane (C10)	3.639	13033924	94.815 ug/ml
3) T A~Naphthalene (C11.7)	5.183	14563170	95.035 ug/ml
4) T n-Dodecane (C12)	5.616	13138083	95.356 ug/ml
5) T A~2-methylnaphthalene...	6.227	14735210	95.755 ug/ml
6) T n-Tetradecane (C14)	7.396	13506010	94.853 ug/ml
7) T n-Hexadecane (C16)	8.987	13580135	95.624 ug/ml
8) T n-Octadecane (C18)	10.423	13902302	94.949 ug/ml
10) T n-Eicosane (C20)	11.724	13743393	95.050 ug/ml
11) T n-Heneicosane (C21)	12.334	13849274	94.939 ug/ml
13) T n-Docosane (C22)	12.916	13707513	94.616 ug/ml
14) T n-Tetracosane (C24)	14.014	13667924	94.359 ug/ml
15) T n-Hexacosane (C26)	15.031	13328630	94.157 ug/ml
16) T n-Octacosane (C28)	15.975	13122375	93.927 ug/ml
17) T n-Tricontane (C30)	16.859	12664832	93.170 ug/ml
18) T n-Dotriacontane (C32)	17.687	11667103	93.726 ug/ml
19) T n-Tetratriacontane (C34)	18.466	10580707	94.153 ug/ml
20) T n-Hexatriacontane (C36)	19.203	9530483	96.187 ug/ml
21) T n-Octatriacontane (C38)	19.910	8684126	98.600 ug/ml
22) T n-Tetracontane (C40)	20.743	7890133	106.275 ug/ml

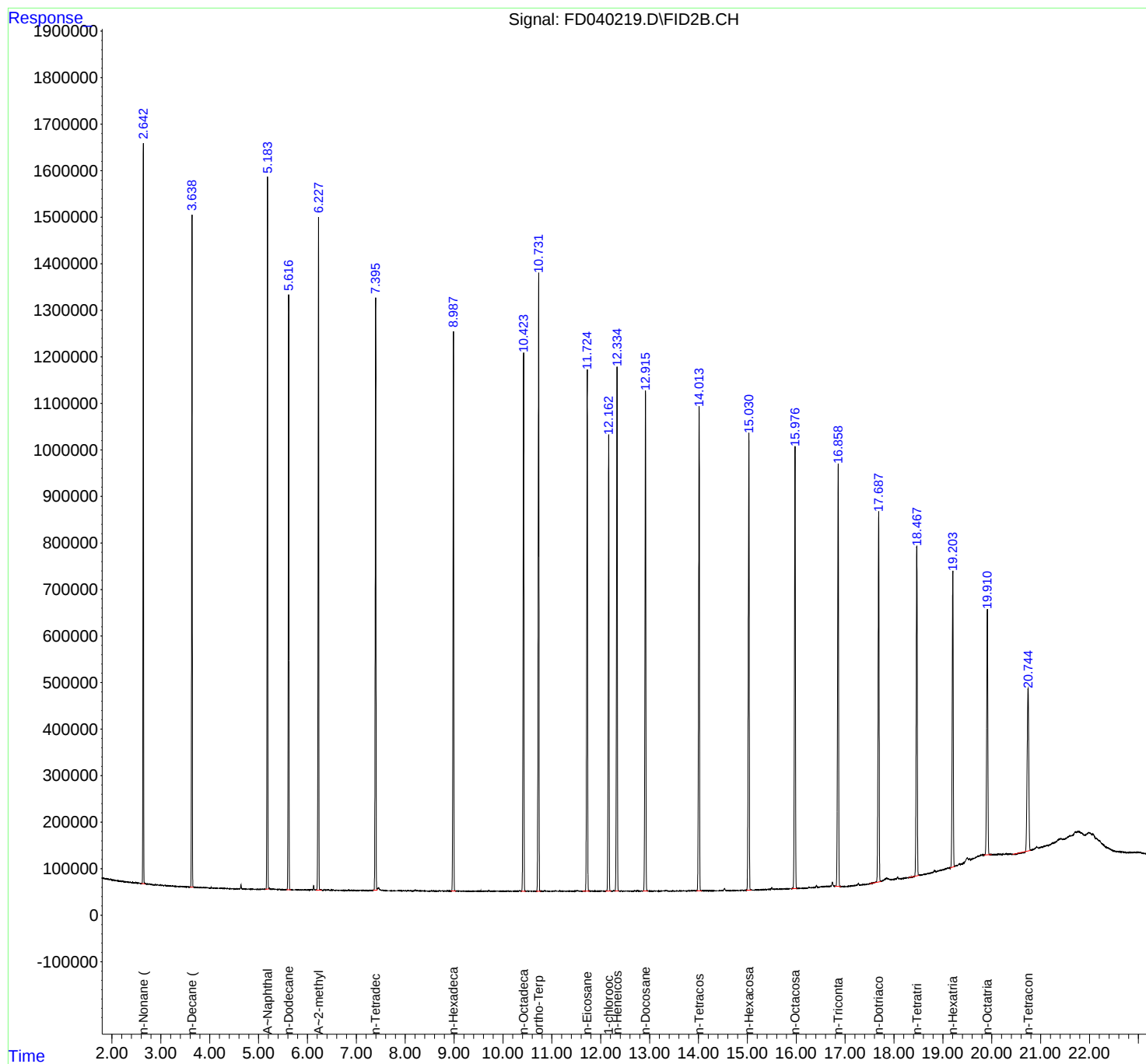
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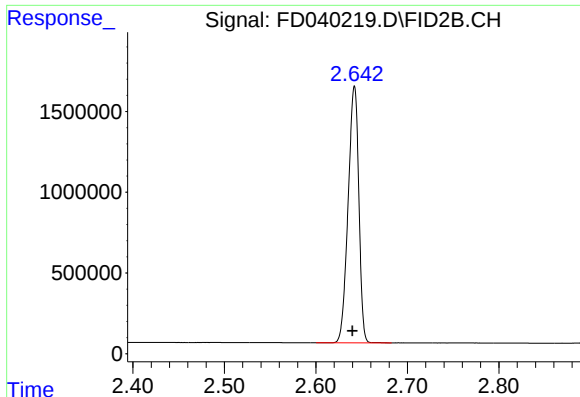
(m)=manual int.

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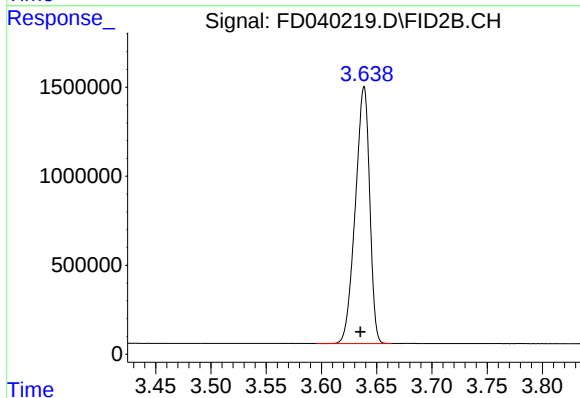
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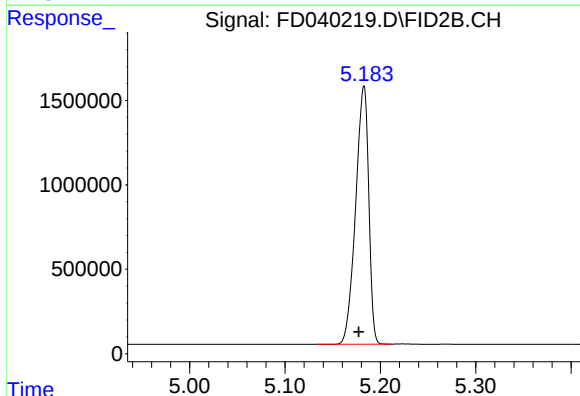
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: 0.002 min
Response: 12899102
Conc: 94.72 ug/ml



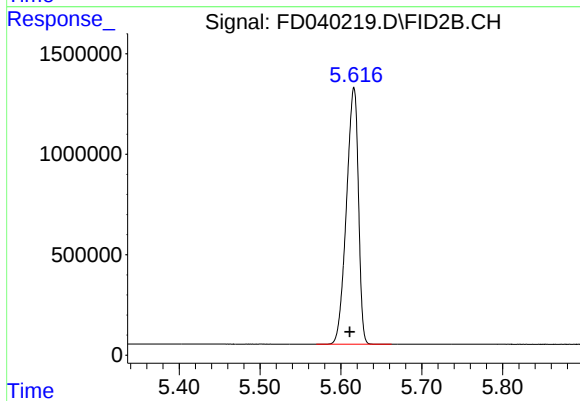
#2 n-Decane (C10)

R.T.: 3.639 min
Delta R.T.: 0.003 min
Response: 13033924
Conc: 94.82 ug/ml



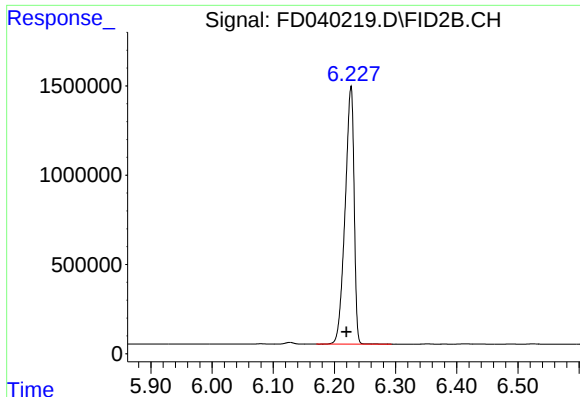
#3 A~Naphthalene (C11.7)

R.T.: 5.183 min
Delta R.T.: 0.006 min
Response: 14563170
Conc: 95.04 ug/ml



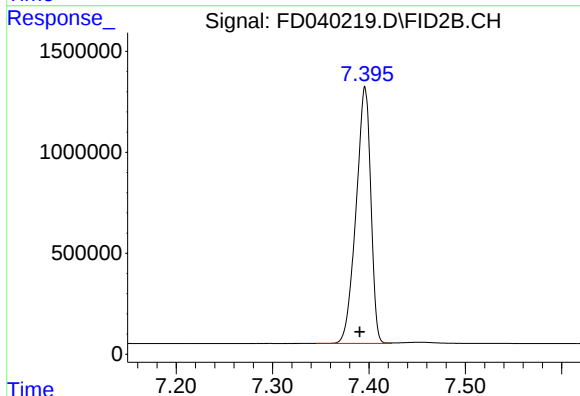
#4 n-Dodecane (C12)

R.T.: 5.616 min
Delta R.T.: 0.005 min
Response: 13138083
Conc: 95.36 ug/ml



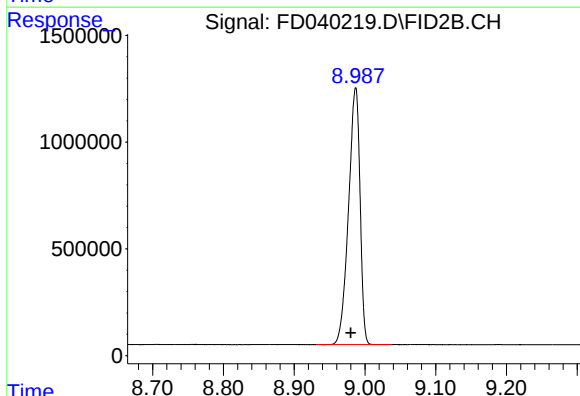
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.227 min
Delta R.T.: 0.008 min
Response: 14735210
Conc: 95.76 ug/ml



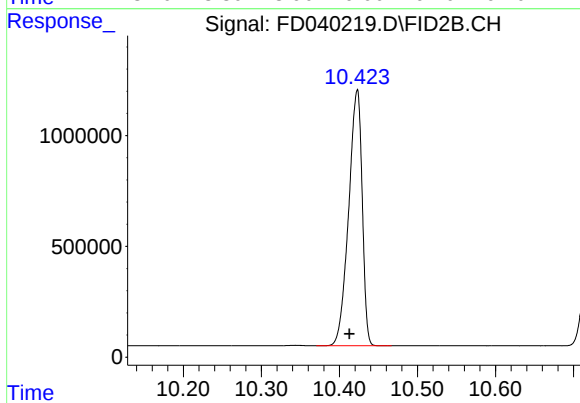
#6 n-Tetradecane (C14)

R.T.: 7.396 min
Delta R.T.: 0.006 min
Response: 13506010
Conc: 94.85 ug/ml



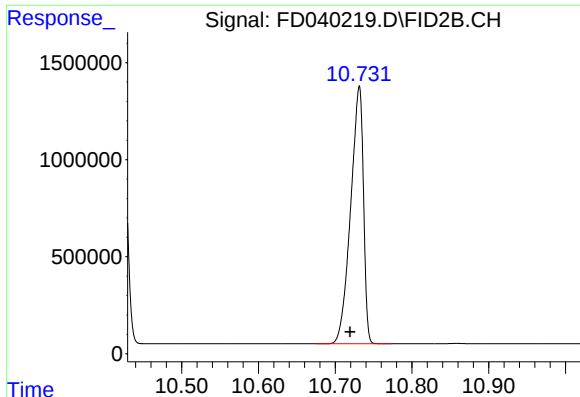
#7 n-Hexadecane (C16)

R.T.: 8.987 min
Delta R.T.: 0.007 min
Response: 13580135
Conc: 95.62 ug/ml



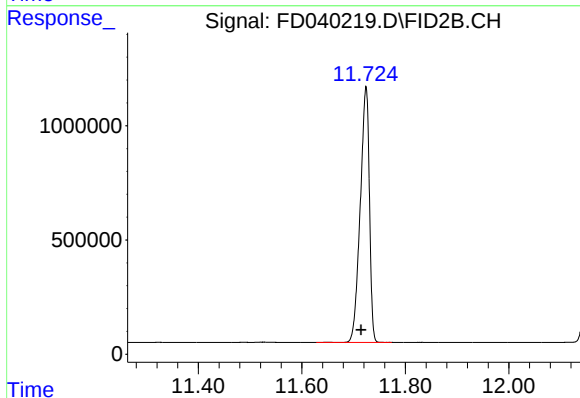
#8 n-Octadecane (C18)

R.T.: 10.423 min
Delta R.T.: 0.010 min
Response: 13902302
Conc: 94.95 ug/ml



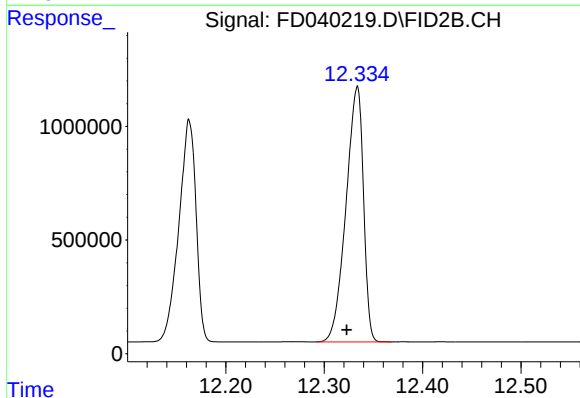
#9 ortho-Terphenyl (SURR)

R.T.: 10.731 min
Delta R.T.: 0.012 min
Response: 15367403
Conc: 95.36 ug/ml



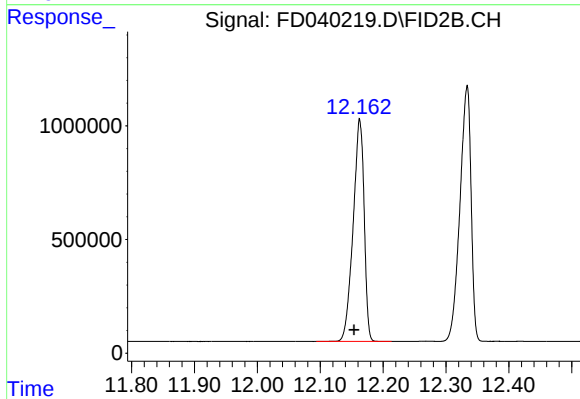
#10 n-Eicosane (C20)

R.T.: 11.724 min
Delta R.T.: 0.009 min
Response: 13743393
Conc: 95.05 ug/ml



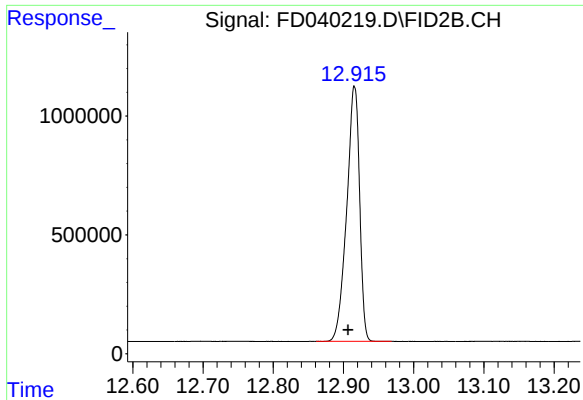
#11 n-Heneicosane (C21)

R.T.: 12.334 min
Delta R.T.: 0.011 min
Response: 13849274
Conc: 94.94 ug/ml



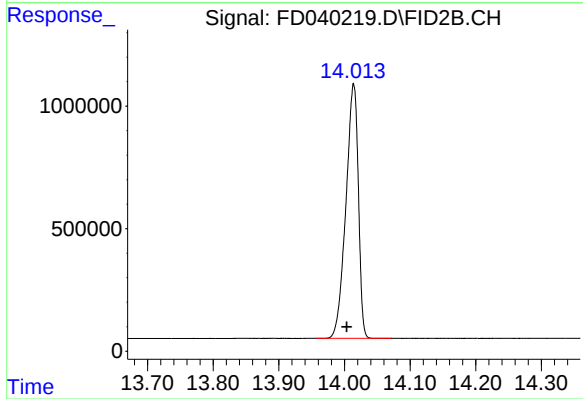
#12 1-chlorooctadecane (SURR)

R.T.: 12.163 min
Delta R.T.: 0.009 min
Response: 11897539
Conc: 95.55 ug/ml



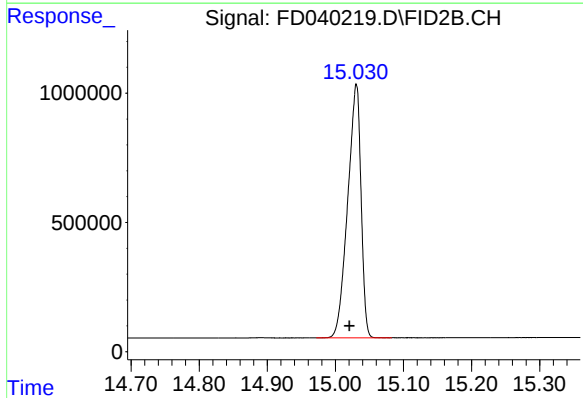
#13 n-Docosane (C22)

R.T.: 12.916 min
Delta R.T.: 0.009 min
Response: 13707513
Conc: 94.62 ug/ml



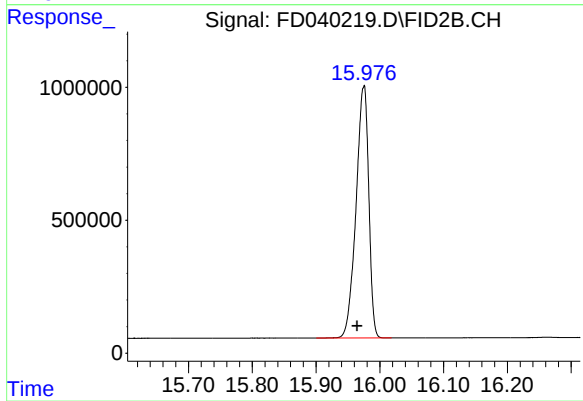
#14 n-Tetracosane (C24)

R.T.: 14.014 min
Delta R.T.: 0.010 min
Response: 13667924
Conc: 94.36 ug/ml



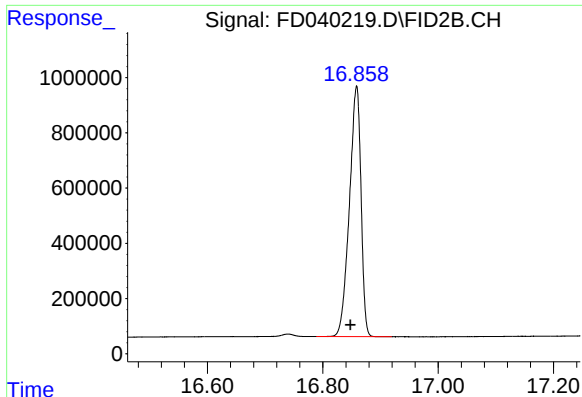
#15 n-Hexacosane (C26)

R.T.: 15.031 min
Delta R.T.: 0.010 min
Response: 13328630
Conc: 94.16 ug/ml



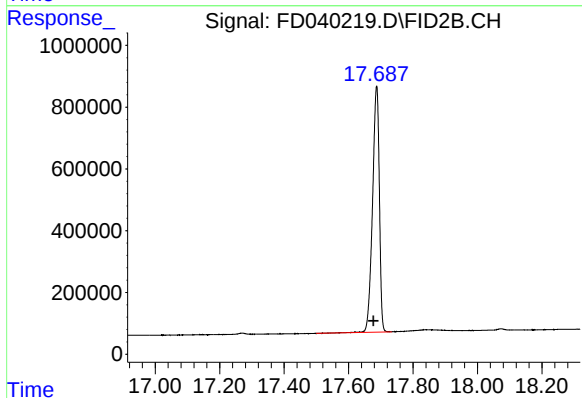
#16 n-Octacosane (C28)

R.T.: 15.975 min
Delta R.T.: 0.011 min
Response: 13122375
Conc: 93.93 ug/ml



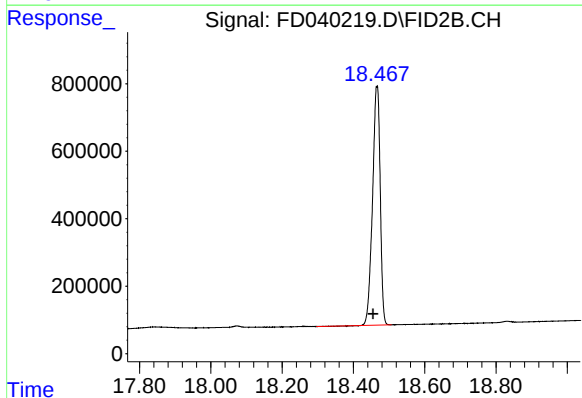
#17 n-Tricontane (C30)

R.T.: 16.859 min
Delta R.T.: 0.011 min
Response: 12664832
Conc: 93.17 ug/ml



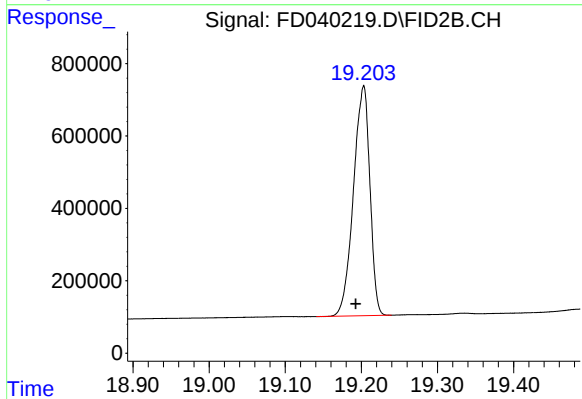
#18 n-Dotriacontane (C32)

R.T.: 17.687 min
Delta R.T.: 0.010 min
Response: 11667103
Conc: 93.73 ug/ml



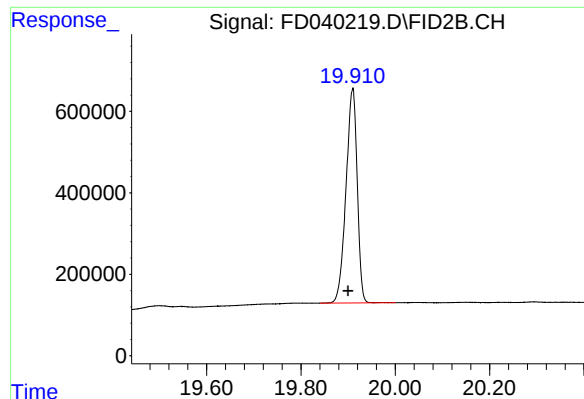
#19 n-Tetratriacontane (C34)

R.T.: 18.466 min
Delta R.T.: 0.011 min
Response: 10580707
Conc: 94.15 ug/ml



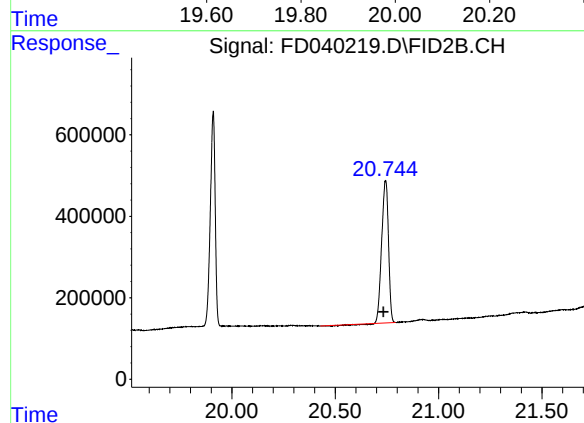
#20 n-Hexatriacontane (C36)

R.T.: 19.203 min
Delta R.T.: 0.010 min
Response: 9530483
Conc: 96.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.910 min
Delta R.T.: 0.010 min
Response: 8684126
Conc: 98.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.743 min
Delta R.T.: 0.010 min
Response: 7890133
Conc: 106.27 ug/ml