

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032222AL\
 Data File : FD041662.D
 Signal(s) : FID2B.CH
 Acq On : 22 Mar 2022 20:51
 Operator : UA/NP
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 23 04:59:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 04:58:26 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)	11.242	16230130	99.474 ug/ml
Spiked Amount 50.000		Recovery =	198.95%
12) S 1-chlorooctadecane (S...	12.679	12738306	99.684 ug/ml
Spiked Amount 50.000		Recovery =	199.37%
Target Compounds			
1) T n-Nonane (C9)	3.099	13669899	100.450 ug/ml
2) T n-Decane (C10)	4.147	13593334	100.864 ug/ml
3) T A~Naphthalene (C11.7)	5.699	15408097	105.048 ug/ml
4) T n-Dodecane (C12)	6.144	13969595	100.250 ug/ml
5) T A~2-methylnaphthalene...	6.746	15620148	106.301 ug/ml
6) T n-Tetradecane (C14)	7.922	14112082	100.136 ug/ml
7) T n-Hexadecane (C16)	9.510	14299686	100.236 ug/ml
8) T n-Octadecane (C18)	10.944	14504985	99.718 ug/ml
10) T n-Eicosane (C20)	12.242	14497090	99.186 ug/ml
11) T n-Heneicosane (C21)	12.850	14579713	98.915 ug/ml
13) T n-Docosane (C22)	13.433	14617094	98.780 ug/ml
14) T n-Tetracosane (C24)	14.529	14627749	98.164 ug/ml
15) T n-Hexacosane (C26)	15.544	14509345	97.304 ug/ml
16) T n-Octacosane (C28)	16.488	14317128	96.291 ug/ml
17) T n-Tricontane (C30)	17.371	13820199	94.918 ug/ml
18) T n-Dotriacontane (C32)	18.198	12765627	93.535 ug/ml
19) T n-Tetratriacontane (C34)	18.976	11604898	93.026 ug/ml
20) T n-Hexatriacontane (C36)	19.713	10548407	94.665 ug/ml
21) T n-Octatriacontane (C38)	20.407	9934186	97.005 ug/mlm
22) T n-Tetracontane (C40)	21.191	9888936	99.084 ug/ml

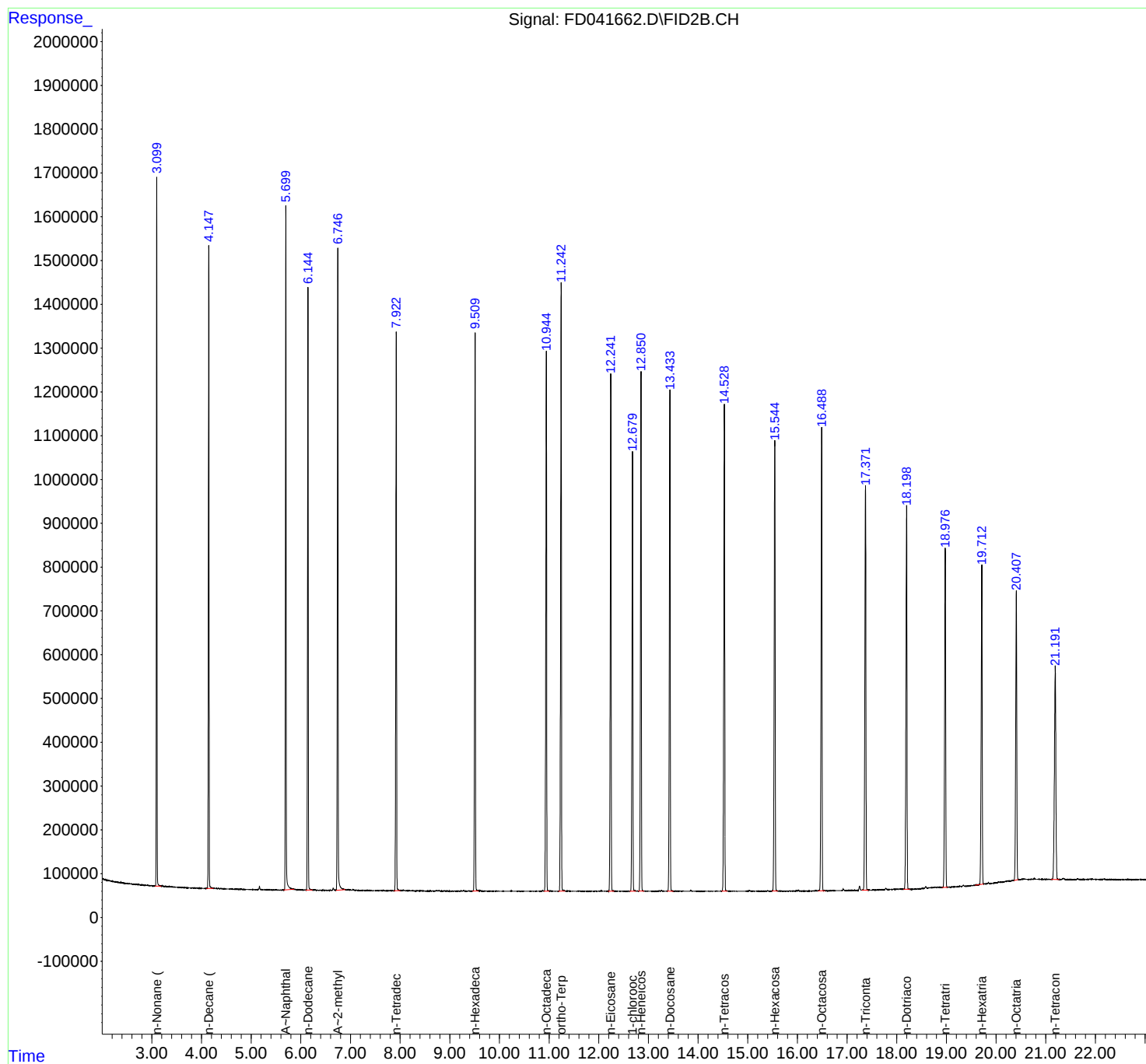
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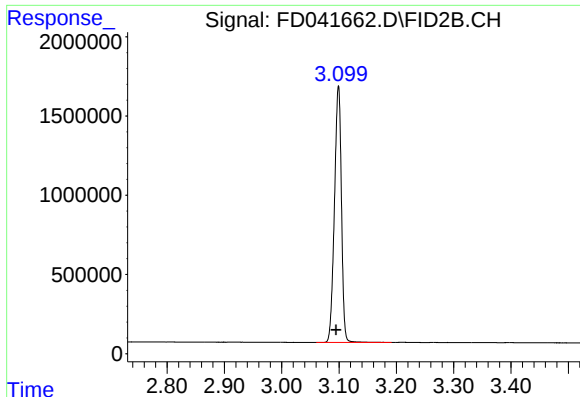
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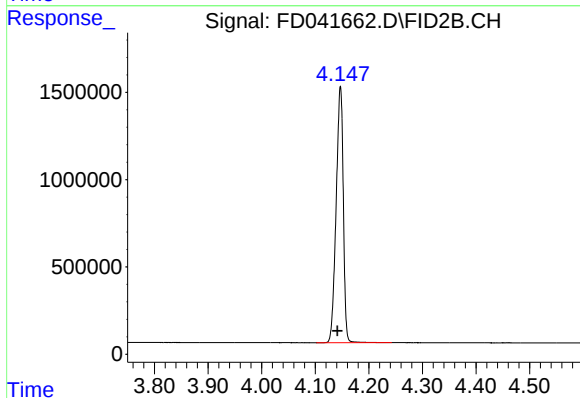
Volume Inj. : 1 u1
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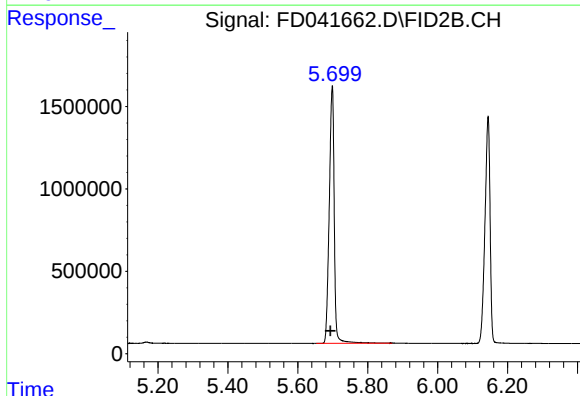
#1 n-Nonane (C9)

R.T.: 3.099 min
Delta R.T.: 0.004 min
Response: 13669899
Conc: 100.45 ug/ml



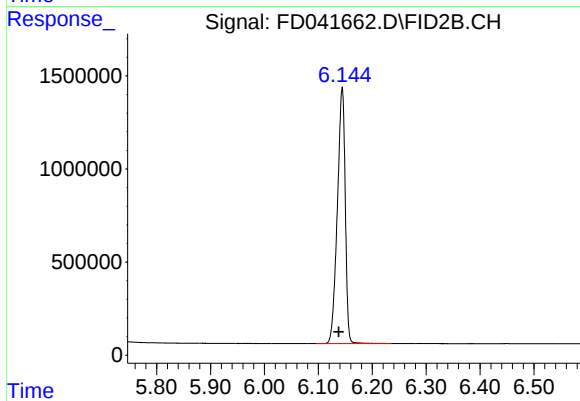
#2 n-Decane (C10)

R.T.: 4.147 min
Delta R.T.: 0.005 min
Response: 13593334
Conc: 100.86 ug/ml



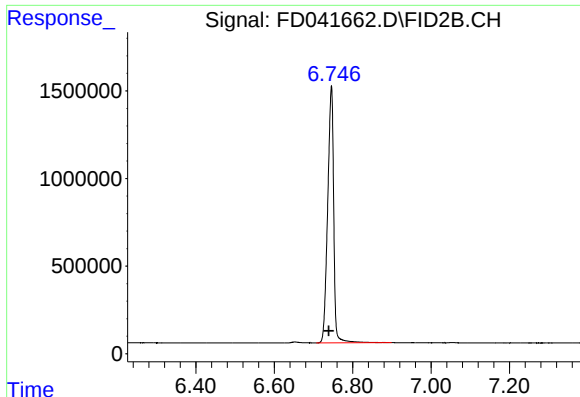
#3 A~Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: 0.005 min
Response: 15408097
Conc: 105.05 ug/ml



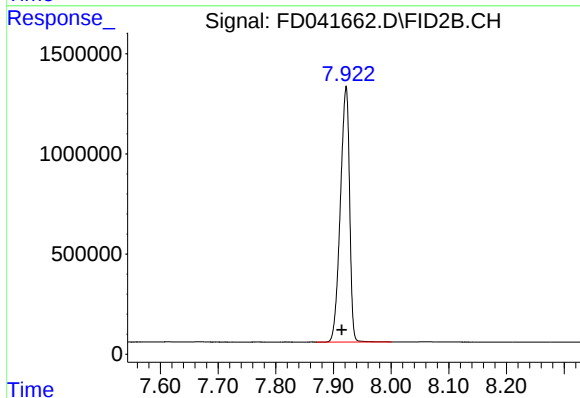
#4 n-Dodecane (C12)

R.T.: 6.144 min
Delta R.T.: 0.006 min
Response: 13969595
Conc: 100.25 ug/ml



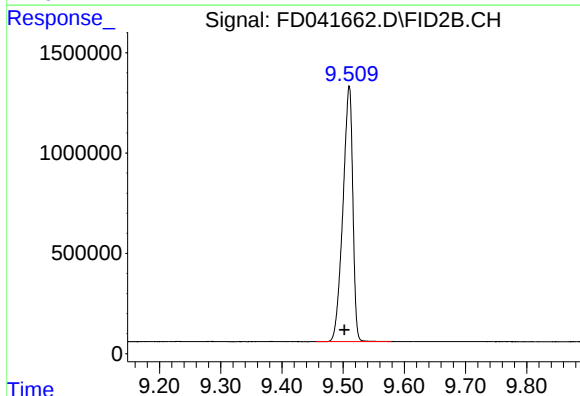
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: 0.007 min
Response: 15620148
Conc: 106.30 ug/ml



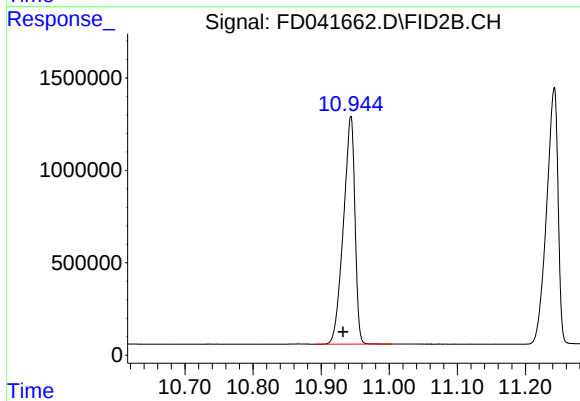
#6 n-Tetradecane (C14)

R.T.: 7.922 min
Delta R.T.: 0.007 min
Response: 14112082
Conc: 100.14 ug/ml



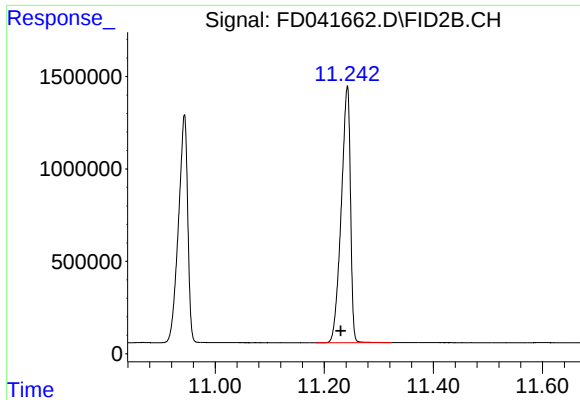
#7 n-Hexadecane (C16)

R.T.: 9.510 min
Delta R.T.: 0.008 min
Response: 14299686
Conc: 100.24 ug/ml



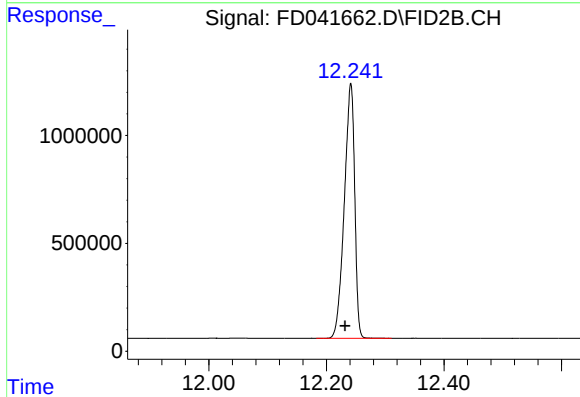
#8 n-Octadecane (C18)

R.T.: 10.944 min
Delta R.T.: 0.011 min
Response: 14504985
Conc: 99.72 ug/ml



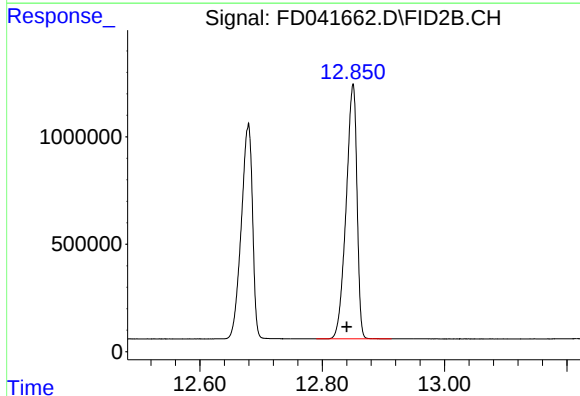
#9 ortho-Terphenyl (SURR)

R.T.: 11.242 min
Delta R.T.: 0.012 min
Response: 16230130
Conc: 99.47 ug/ml



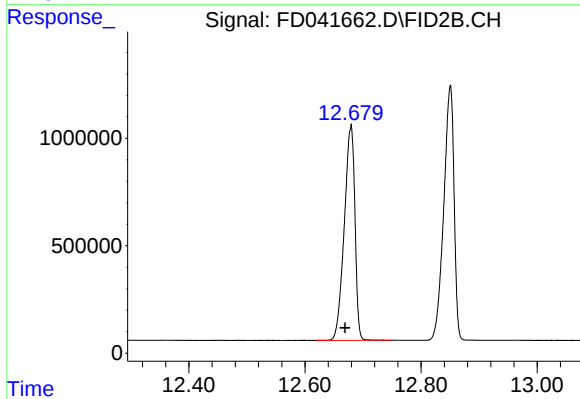
#10 n-Eicosane (C20)

R.T.: 12.242 min
Delta R.T.: 0.010 min
Response: 14497090
Conc: 99.19 ug/ml



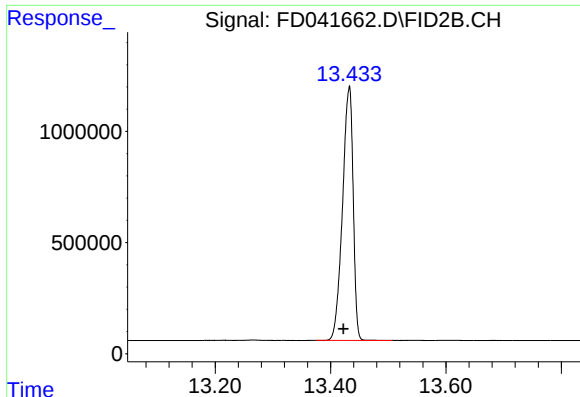
#11 n-Heneicosane (C21)

R.T.: 12.850 min
Delta R.T.: 0.011 min
Response: 14579713
Conc: 98.91 ug/ml



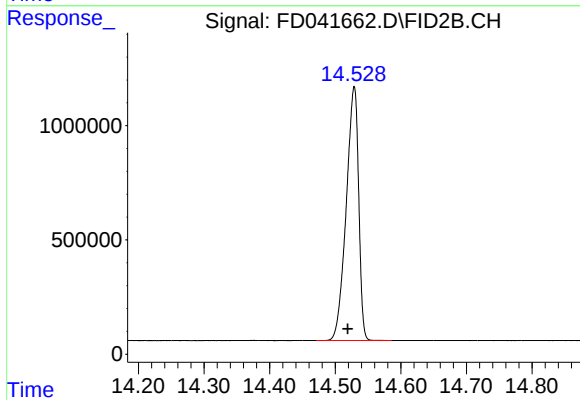
#12 1-chlorooctadecane (SURR)

R.T.: 12.679 min
Delta R.T.: 0.010 min
Response: 12738306
Conc: 99.68 ug/ml



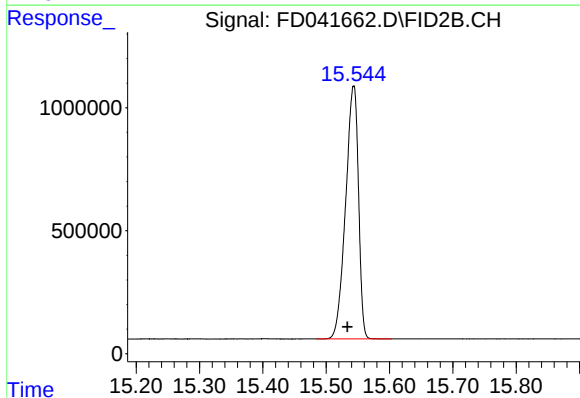
#13 n-Docosane (C22)

R.T.: 13.433 min
Delta R.T.: 0.010 min
Response: 14617094
Conc: 98.78 ug/ml



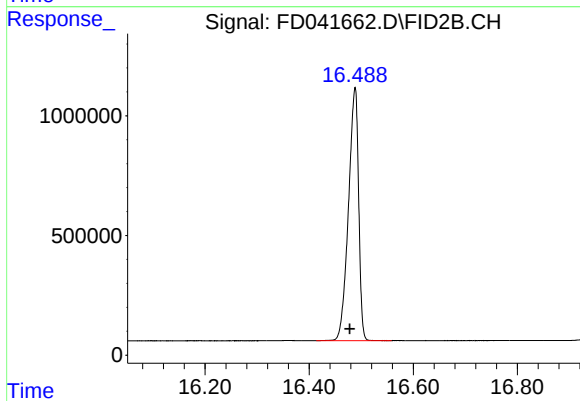
#14 n-Tetracosane (C24)

R.T.: 14.529 min
Delta R.T.: 0.010 min
Response: 14627749
Conc: 98.16 ug/ml



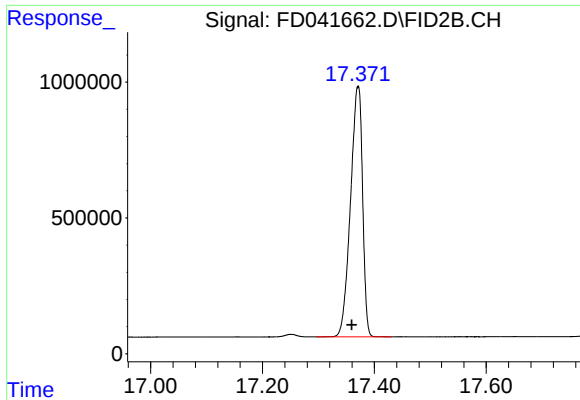
#15 n-Hexacosane (C26)

R.T.: 15.544 min
Delta R.T.: 0.010 min
Response: 14509345
Conc: 97.30 ug/ml



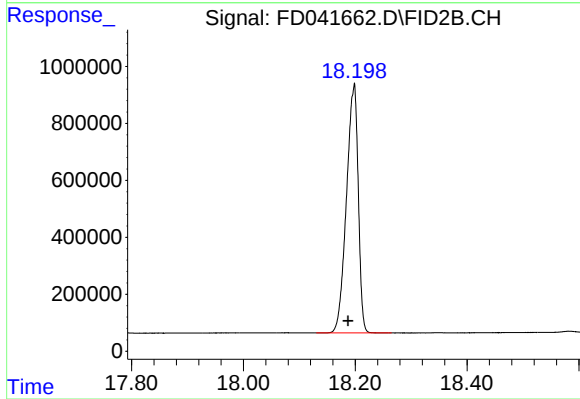
#16 n-Octacosane (C28)

R.T.: 16.488 min
Delta R.T.: 0.010 min
Response: 14317128
Conc: 96.29 ug/ml



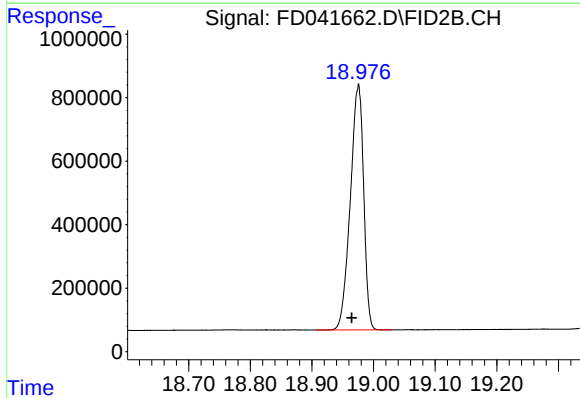
#17 n-Tricontane (C30)

R.T.: 17.371 min
Delta R.T.: 0.012 min
Response: 13820199
Conc: 94.92 ug/ml



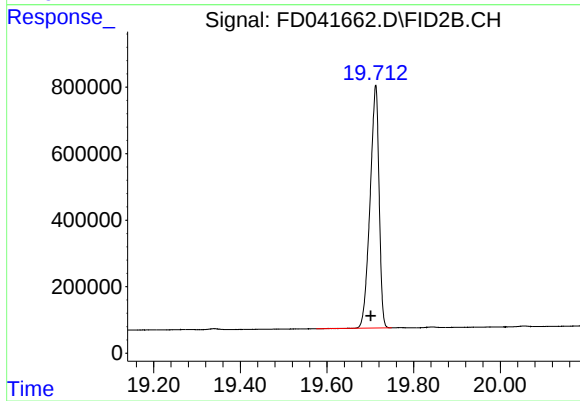
#18 n-Dotriacontane (C32)

R.T.: 18.198 min
Delta R.T.: 0.011 min
Response: 12765627
Conc: 93.53 ug/ml



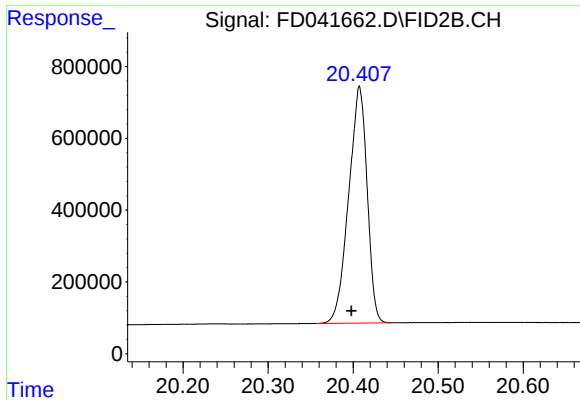
#19 n-Tetratriacontane (C34)

R.T.: 18.976 min
Delta R.T.: 0.011 min
Response: 11604898
Conc: 93.03 ug/ml



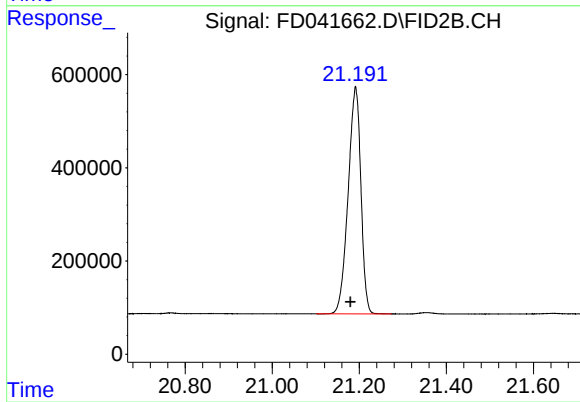
#20 n-Hexatriacontane (C36)

R.T.: 19.713 min
Delta R.T.: 0.011 min
Response: 10548407
Conc: 94.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.407 min
Delta R.T.: 0.009 min
Response: 9934186
Conc: 97.01 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.191 min
Delta R.T.: 0.012 min
Response: 9888936
Conc: 99.08 ug/ml