

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052422AL\
 Data File : FD042639.D
 Signal(s) : FID2B.CH
 Acq On : 25 May 2022 1:57
 Operator : UA/NP
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 25 05:03:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052422.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 05:03:16 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)	11.202	8529499	49.049 ug/ml
Spiked Amount 50.000		Recovery =	98.10%
12) S 1-chlorooctadecane (S...	12.640	6699581	49.261 ug/ml
Spiked Amount 50.000		Recovery =	98.52%
Target Compounds			
1) T n-Nonane (C9)	3.076	6903456	49.971 ug/ml
2) T n-Decane (C10)	4.119	6854869	50.286 ug/ml
3) T A~Naphthalene (C11.7)	5.669	7636915	52.525 ug/ml
4) T n-Dodecane (C12)	6.113	7158808	49.507 ug/ml
5) T A~2-methylnaphthalene...	6.714	7630114	53.952 ug/ml
6) T n-Tetradecane (C14)	7.888	7236916	49.671 ug/ml
7) T n-Hexadecane (C16)	9.473	7413086	49.595 ug/ml
8) T n-Octadecane (C18)	10.904	7641515	49.106 ug/ml
10) T n-Eicosane (C20)	12.203	7766546	48.693 ug/ml
11) T n-Heneicosane (C21)	12.810	7849711	48.666 ug/ml
13) T n-Docosane (C22)	13.392	7883889	48.577 ug/ml
14) T n-Tetracosane (C24)	14.486	7906043	48.721 ug/ml
15) T n-Hexacosane (C26)	15.501	7785246	48.842 ug/ml
16) T n-Octacosane (C28)	16.444	7539543	49.443 ug/ml
17) T n-Tricontane (C30)	17.326	7099197	50.280 ug/ml
18) T n-Dotriacontane (C32)	18.152	6381199	51.193 ug/ml
19) T n-Tetratriacontane (C34)	18.930	5649536	51.747 ug/ml
20) T n-Hexatriacontane (C36)	19.666	5006439	51.487 ug/ml
21) T n-Octatriacontane (C38)	20.362	4553846	53.603 ug/ml
22) T n-Tetracontane (C40)	21.129	3533100	59.186 ug/ml

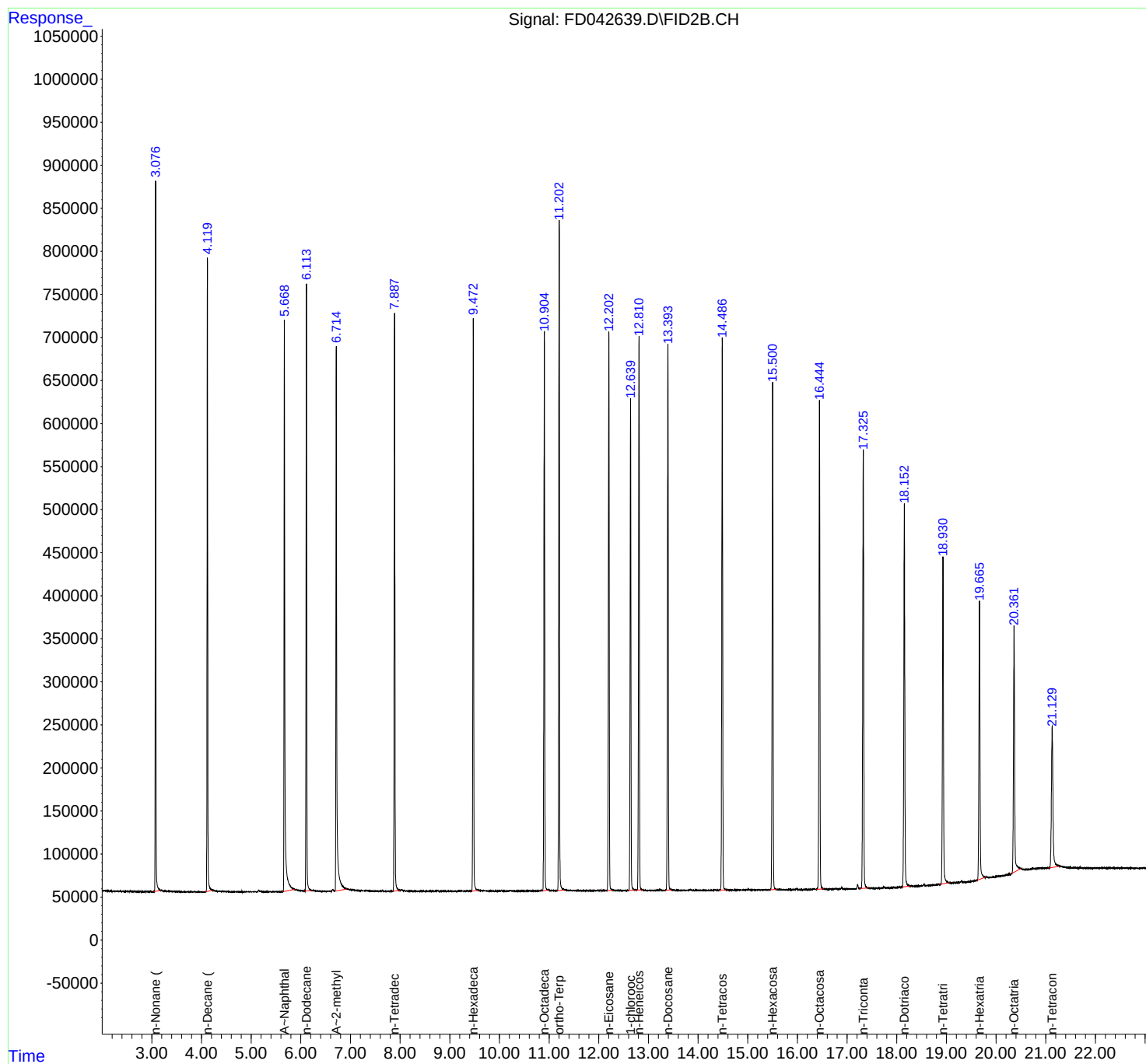
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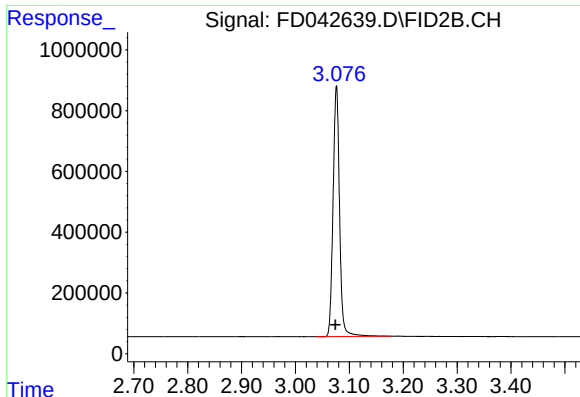
(m)=manual int.

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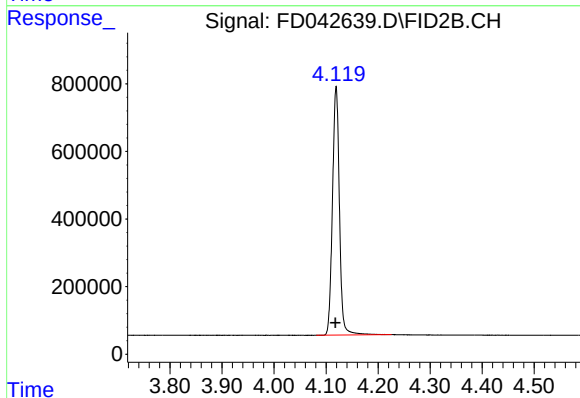
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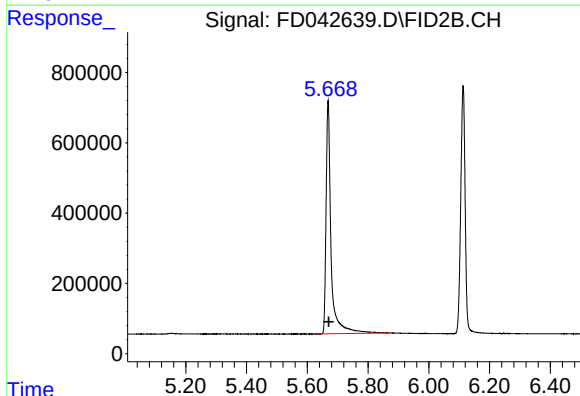
#1 n-Nonane (C9)

R.T.: 3.076 min
Delta R.T.: 0.002 min
Response: 6903456
Conc: 49.97 ug/ml



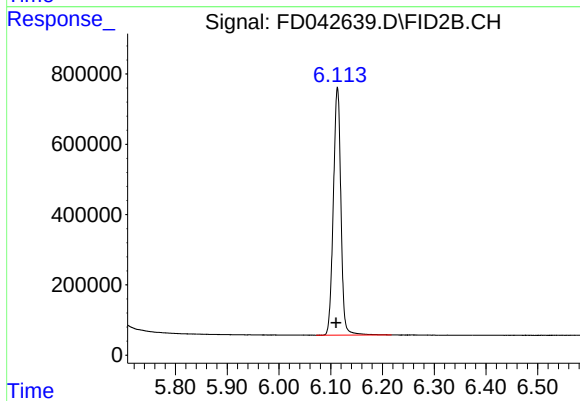
#2 n-Decane (C10)

R.T.: 4.119 min
Delta R.T.: 0.002 min
Response: 6854869
Conc: 50.29 ug/ml



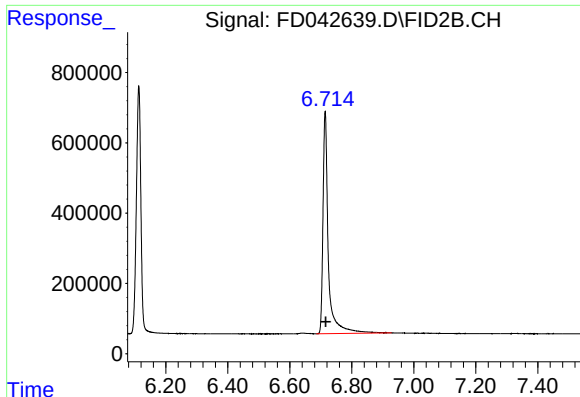
#3 A~Naphthalene (C11.7)

R.T.: 5.669 min
Delta R.T.: -0.002 min
Response: 7636915
Conc: 52.53 ug/ml



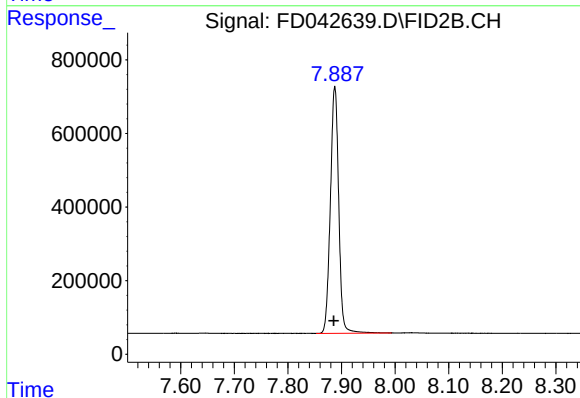
#4 n-Dodecane (C12)

R.T.: 6.113 min
Delta R.T.: 0.003 min
Response: 7158808
Conc: 49.51 ug/ml



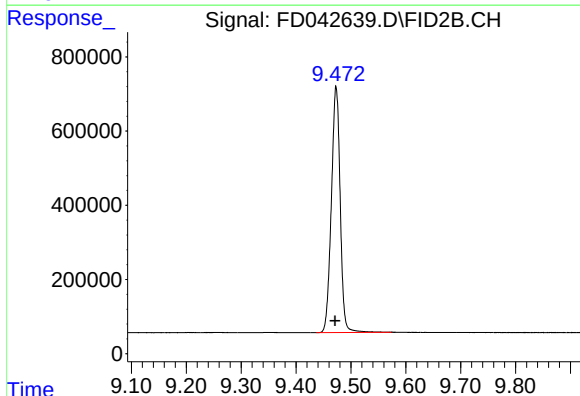
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 7630114
Conc: 53.95 ug/ml



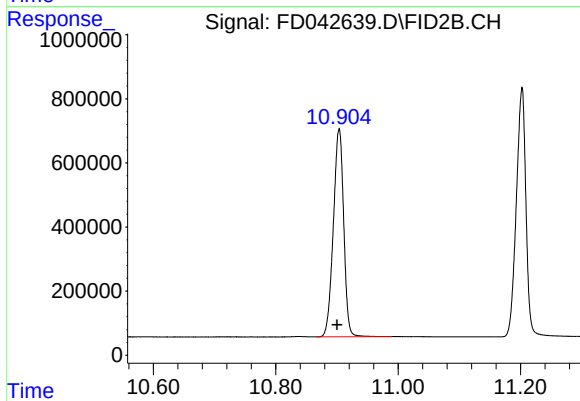
#6 n-Tetradecane (C14)

R.T.: 7.888 min
Delta R.T.: 0.002 min
Response: 7236916
Conc: 49.67 ug/ml



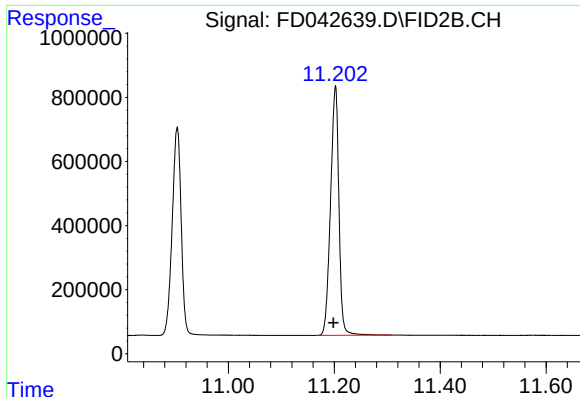
#7 n-Hexadecane (C16)

R.T.: 9.473 min
Delta R.T.: 0.002 min
Response: 7413086
Conc: 49.60 ug/ml



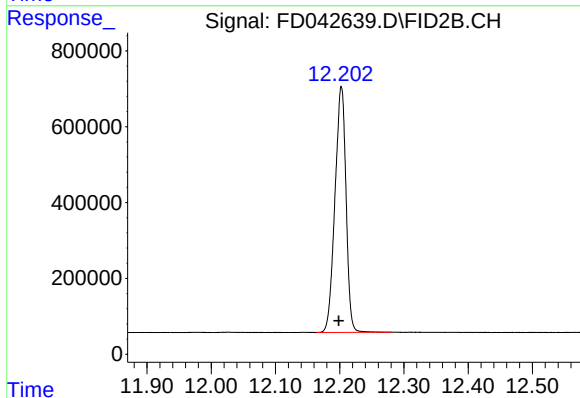
#8 n-Octadecane (C18)

R.T.: 10.904 min
Delta R.T.: 0.003 min
Response: 7641515
Conc: 49.11 ug/ml



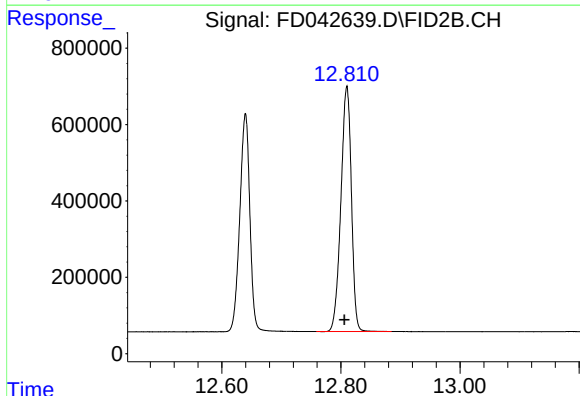
#9 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: 0.004 min
Response: 8529499
Conc: 49.05 ug/ml



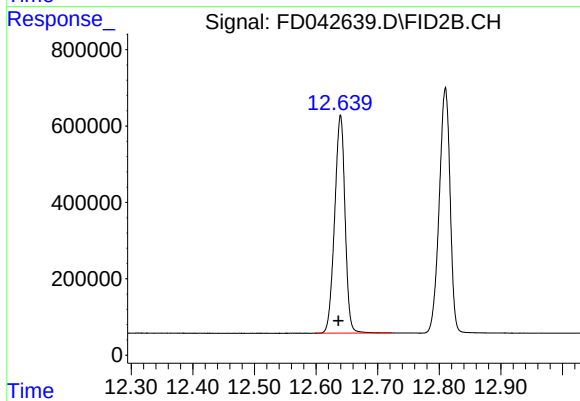
#10 n-Eicosane (C20)

R.T.: 12.203 min
Delta R.T.: 0.004 min
Response: 7766546
Conc: 48.69 ug/ml



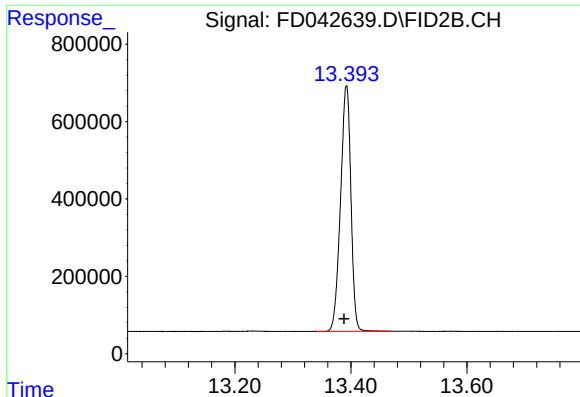
#11 n-Heneicosane (C21)

R.T.: 12.810 min
Delta R.T.: 0.004 min
Response: 7849711
Conc: 48.67 ug/ml



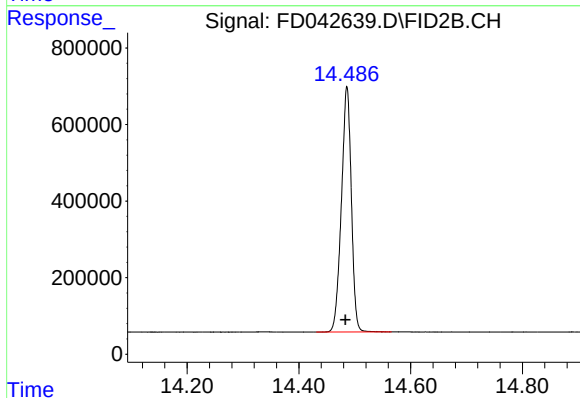
#12 1-chlorooctadecane (SURR)

R.T.: 12.640 min
Delta R.T.: 0.003 min
Response: 6699581
Conc: 49.26 ug/ml



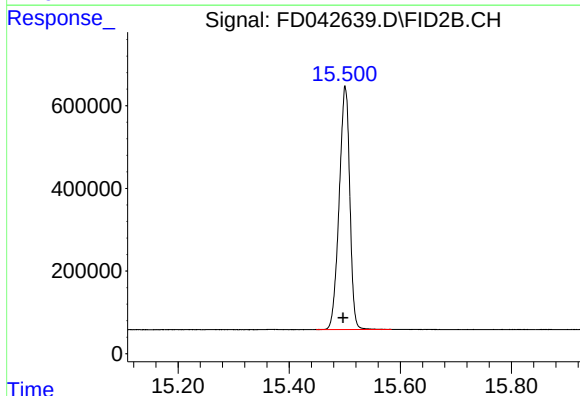
#13 n-Docosane (C22)

R.T.: 13.392 min
Delta R.T.: 0.004 min
Response: 7883889
Conc: 48.58 ug/ml



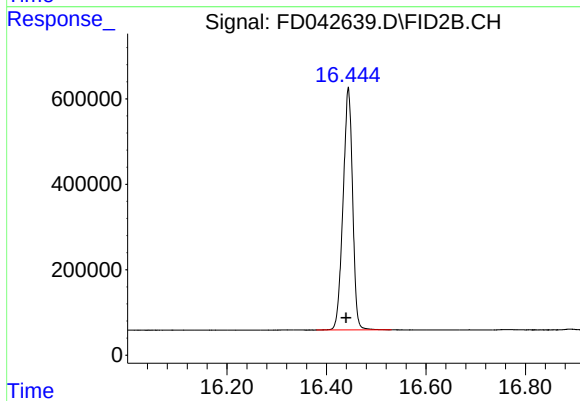
#14 n-Tetracosane (C24)

R.T.: 14.486 min
Delta R.T.: 0.003 min
Response: 7906043
Conc: 48.72 ug/ml



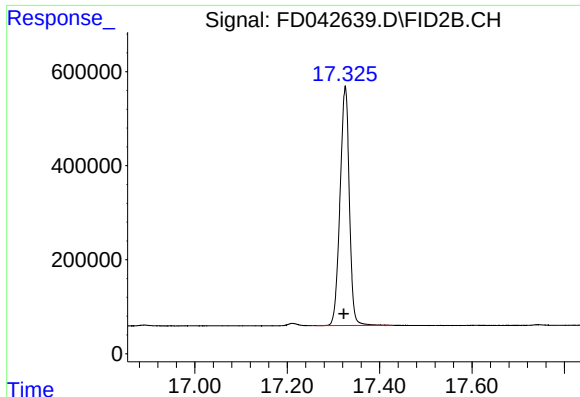
#15 n-Hexacosane (C26)

R.T.: 15.501 min
Delta R.T.: 0.004 min
Response: 7785246
Conc: 48.84 ug/ml



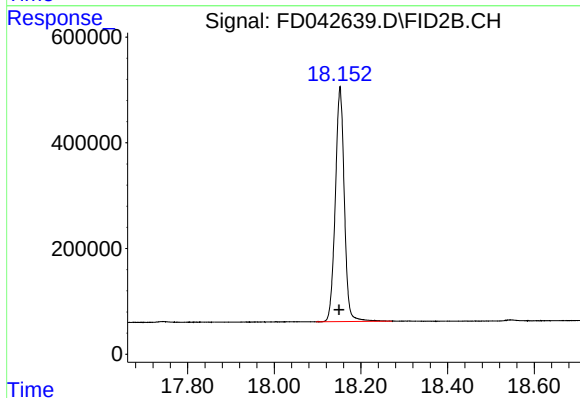
#16 n-Octacosane (C28)

R.T.: 16.444 min
Delta R.T.: 0.004 min
Response: 7539543
Conc: 49.44 ug/ml



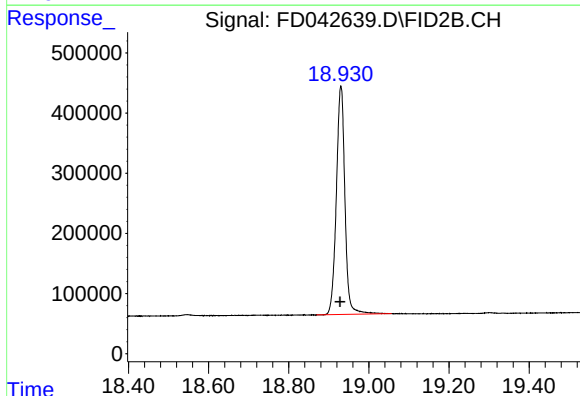
#17 n-Tricontane (C30)

R.T.: 17.326 min
Delta R.T.: 0.003 min
Response: 7099197
Conc: 50.28 ug/ml



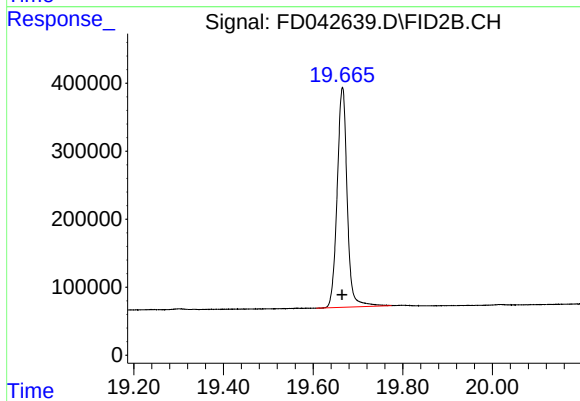
#18 n-Dotriacontane (C32)

R.T.: 18.152 min
Delta R.T.: 0.002 min
Response: 6381199
Conc: 51.19 ug/ml



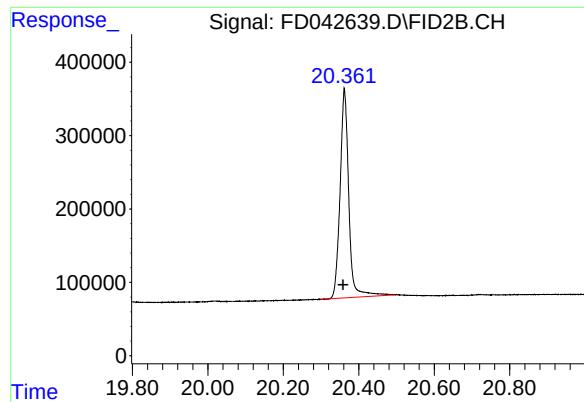
#19 n-Tetratriacontane (C34)

R.T.: 18.930 min
Delta R.T.: 0.002 min
Response: 5649536
Conc: 51.75 ug/ml



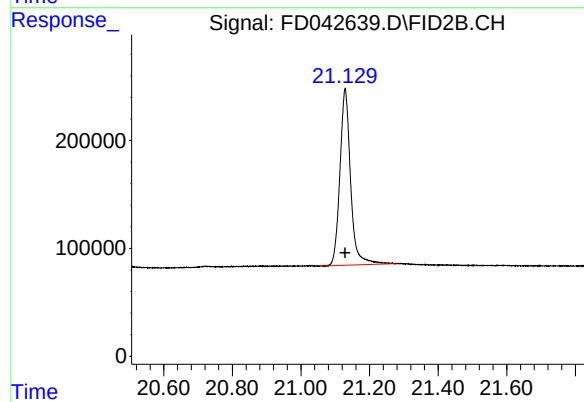
#20 n-Hexatriacontane (C36)

R.T.: 19.666 min
Delta R.T.: 0.000 min
Response: 5006439
Conc: 51.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.362 min
Delta R.T.: 0.003 min
Response: 4553846
Conc: 53.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.129 min
Delta R.T.: 0.000 min
Response: 3533100
Conc: 59.19 ug/ml