

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032322AL\
 Data File : FD041673.D
 Signal(s) : FID2B.CH
 Acq On : 23 Mar 2022 8:03
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 23 11:42:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.230	3309112	18.660 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
12) S 1-chlorooctadecane (S...	12.668	2588140	18.691 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T n-Nonane (C9)	3.094	2744240	18.655 ug/ml
2) T n-Decane (C10)	4.141	2732805	18.715 ug/ml
3) T A~Naphthalene (C11.7)	5.692	2961859	18.961 ug/ml
4) T n-Dodecane (C12)	6.137	2824947	18.754 ug/ml
5) T A~2-methylnaphthalene...	6.739	2939798	18.899 ug/ml
6) T n-Tetradecane (C14)	7.913	2851358	18.719 ug/ml
7) T n-Hexadecane (C16)	9.501	2888708	18.735 ug/ml
8) T n-Octadecane (C18)	10.932	2957091	18.769 ug/ml
10) T n-Eicosane (C20)	12.231	2961689	18.722 ug/ml
11) T n-Heneicosane (C21)	12.839	2997605	18.719 ug/ml
13) T n-Docosane (C22)	13.422	2997600	18.664 ug/ml
14) T n-Tetracosane (C24)	14.517	3024742	18.712 ug/ml
15) T n-Hexacosane (C26)	15.533	3024568	18.726 ug/ml
16) T n-Octacosane (C28)	16.475	3025234	18.794 ug/ml
17) T n-Tricontane (C30)	17.358	2958393	18.773 ug/ml
18) T n-Dotriacontane (C32)	18.186	2758671	18.590 ug/ml
19) T n-Tetratriacontane (C34)	18.964	2504680	18.694 ug/ml
20) T n-Hexatriacontane (C36)	19.700	2242927	18.731 ug/ml
21) T n-Octatriacontane (C38)	20.398	2076430	18.761 ug/ml
22) T n-Tetracontane (C40)	21.178	1993441	18.515 ug/ml

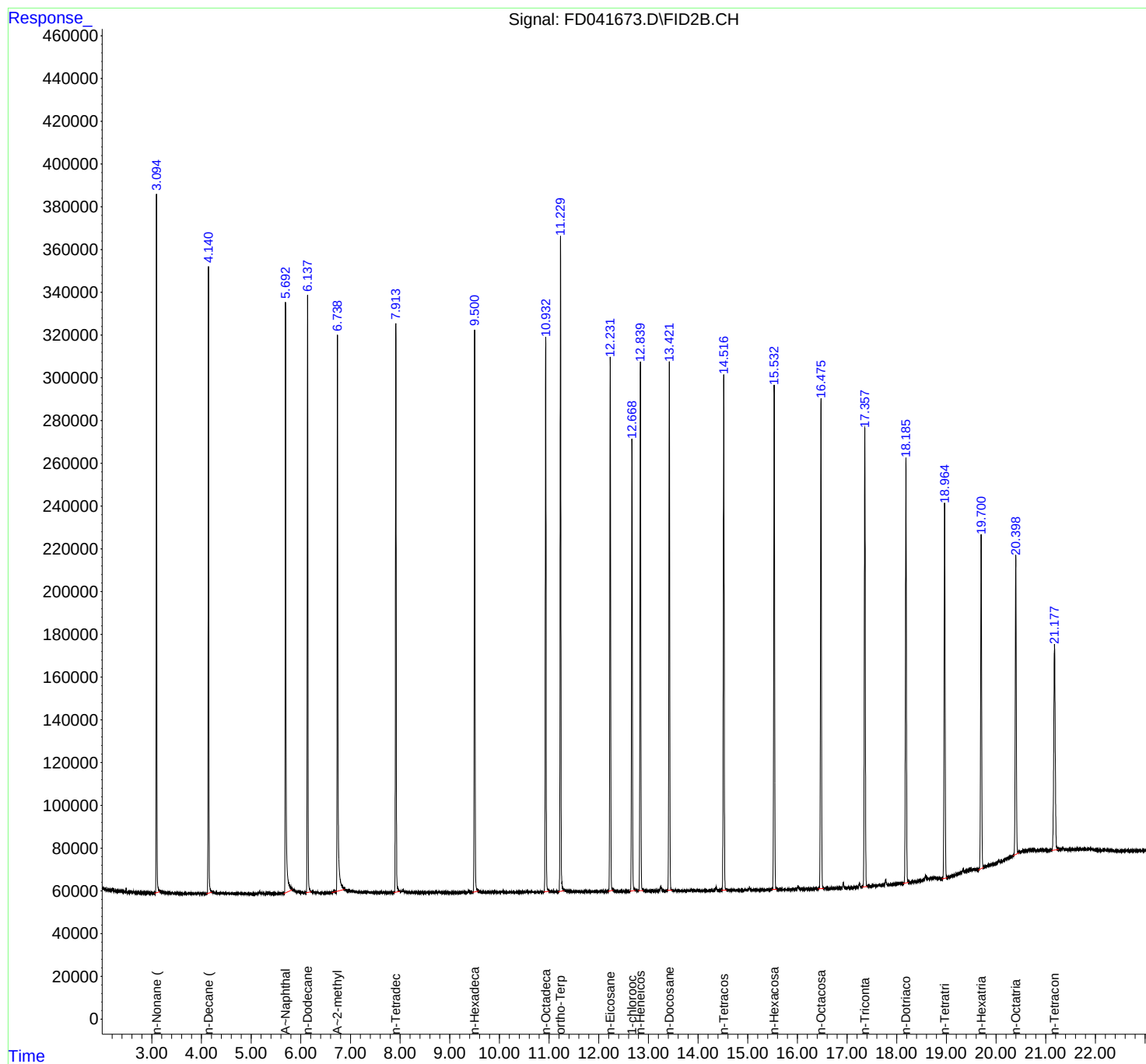
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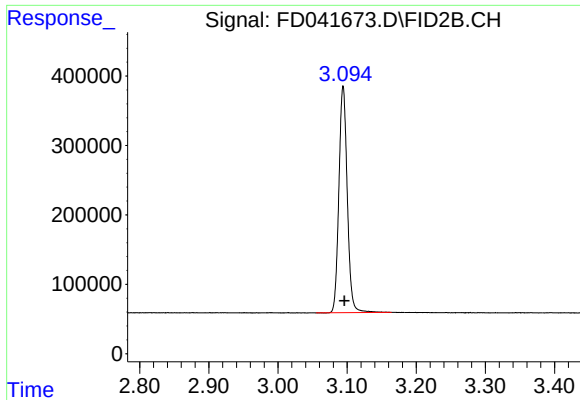
(m)=manual int.

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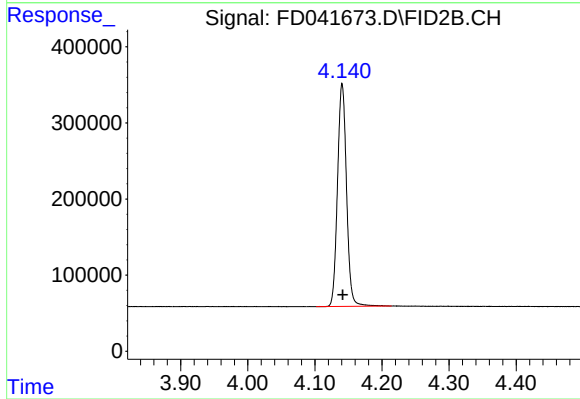
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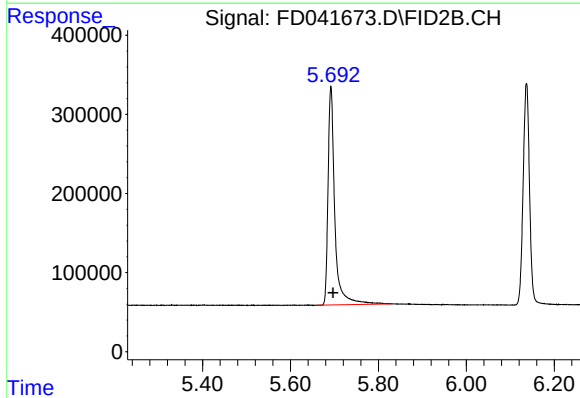
#1 n-Nonane (C9)

R.T.: 3.094 min
Delta R.T.: -0.002 min
Response: 2744240
Conc: 18.66 ug/ml



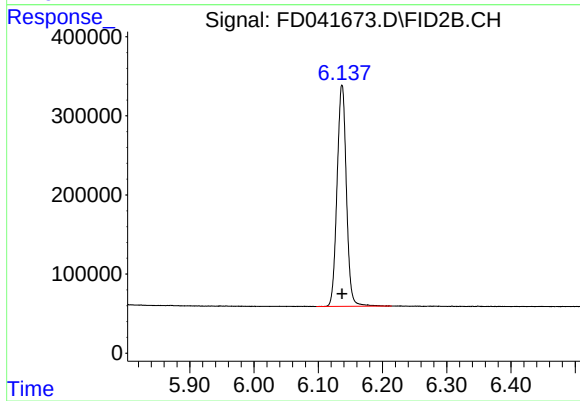
#2 n-Decane (C10)

R.T.: 4.141 min
Delta R.T.: 0.000 min
Response: 2732805
Conc: 18.71 ug/ml



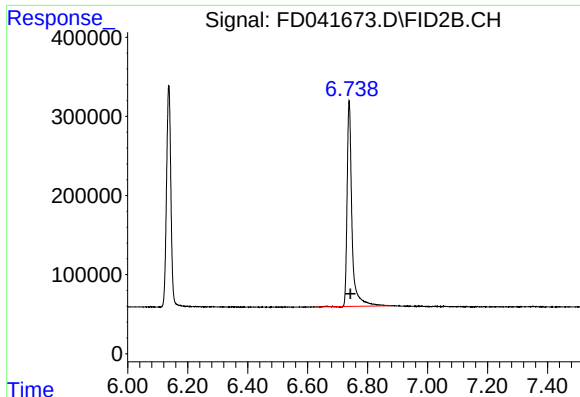
#3 A~Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 2961859
Conc: 18.96 ug/ml



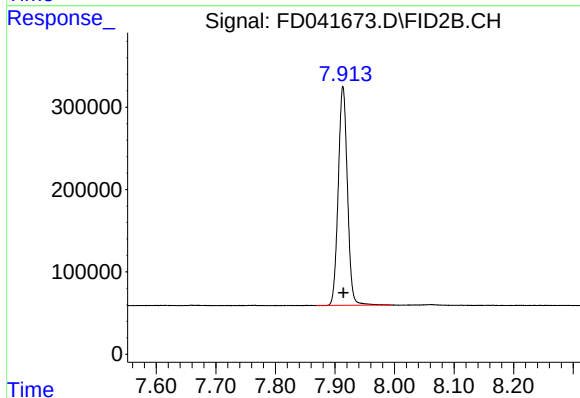
#4 n-Dodecane (C12)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 2824947
Conc: 18.75 ug/ml



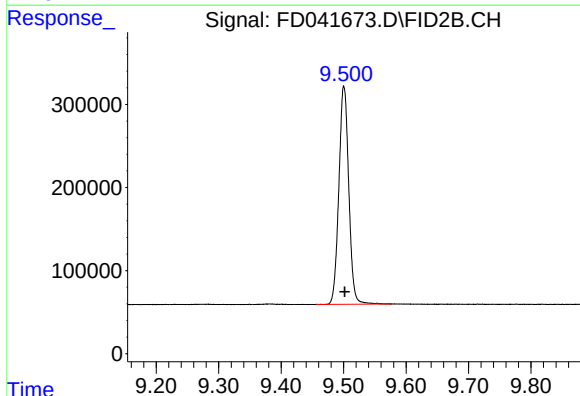
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.005 min
Response: 2939798
Conc: 18.90 ug/ml



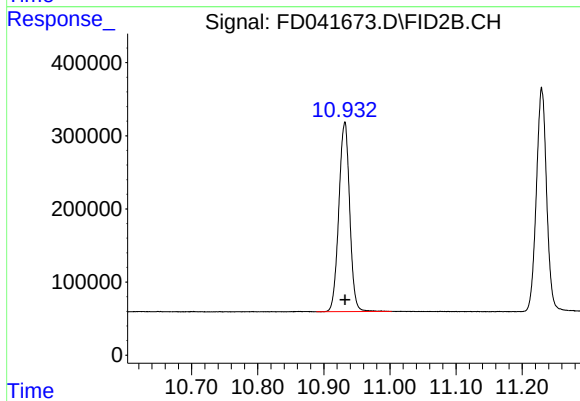
#6 n-Tetradecane (C14)

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 2851358
Conc: 18.72 ug/ml



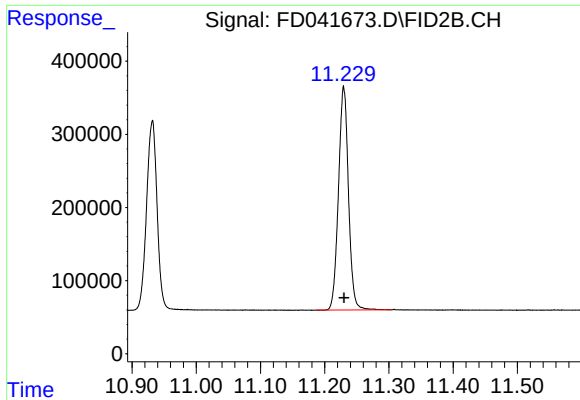
#7 n-Hexadecane (C16)

R.T.: 9.501 min
Delta R.T.: 0.000 min
Response: 2888708
Conc: 18.73 ug/ml



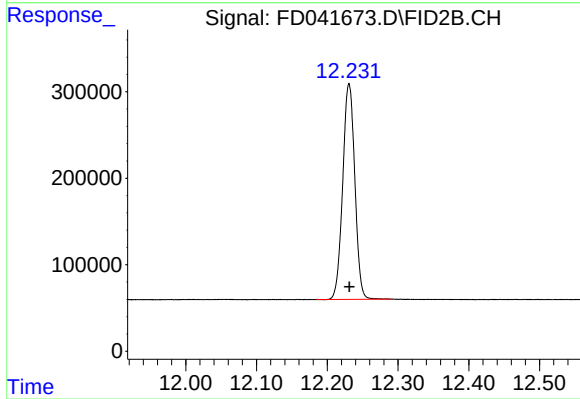
#8 n-Octadecane (C18)

R.T.: 10.932 min
Delta R.T.: 0.000 min
Response: 2957091
Conc: 18.77 ug/ml



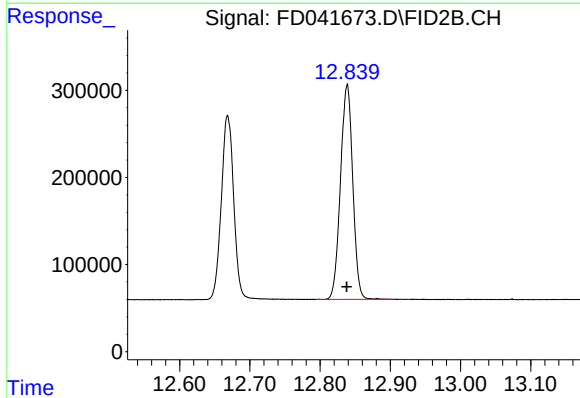
#9 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: 0.000 min
Response: 3309112
Conc: 18.66 ug/ml



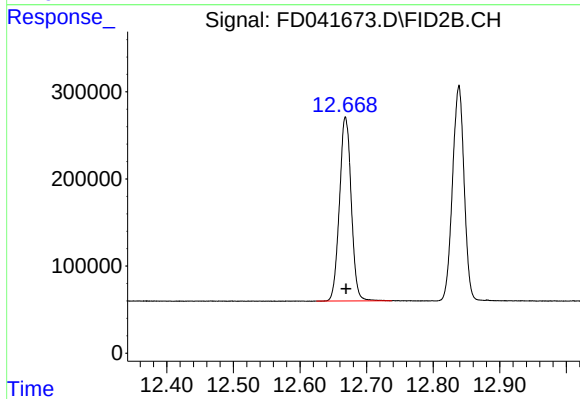
#10 n-Eicosane (C20)

R.T.: 12.231 min
Delta R.T.: 0.000 min
Response: 2961689
Conc: 18.72 ug/ml



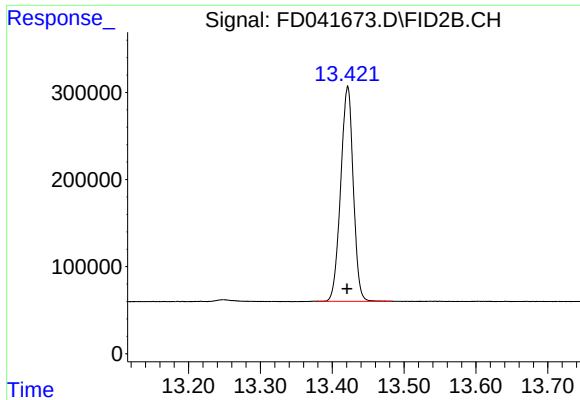
#11 n-Heneicosane (C21)

R.T.: 12.839 min
Delta R.T.: 0.000 min
Response: 2997605
Conc: 18.72 ug/ml



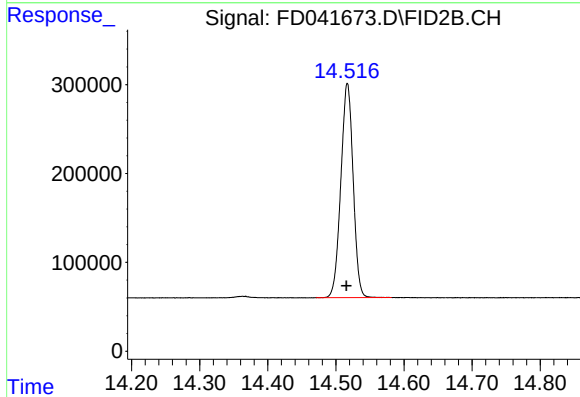
#12 1-chlorooctadecane (SURR)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 2588140
Conc: 18.69 ug/ml



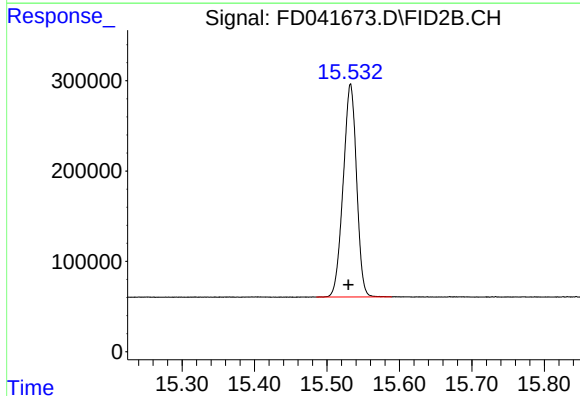
#13 n-Docosane (C22)

R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 2997600
Conc: 18.66 ug/ml



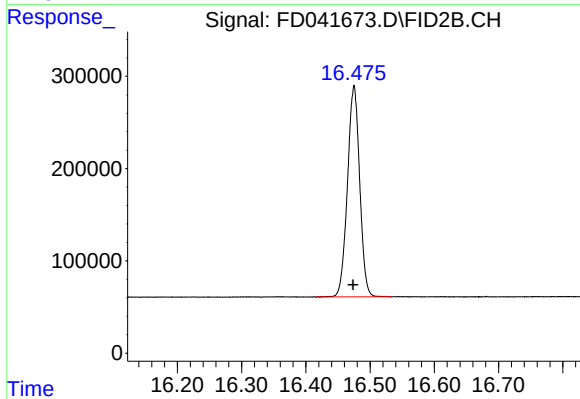
#14 n-Tetracosane (C24)

R.T.: 14.517 min
Delta R.T.: 0.001 min
Response: 3024742
Conc: 18.71 ug/ml



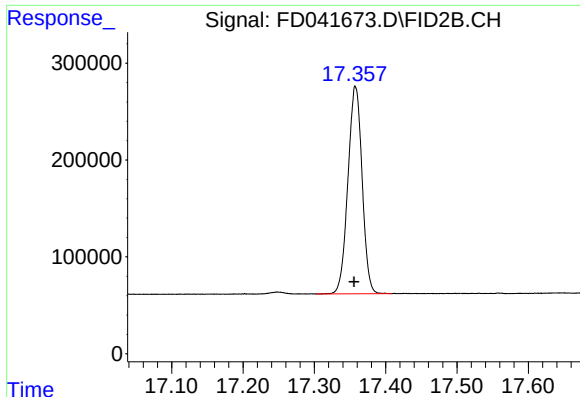
#15 n-Hexacosane (C26)

R.T.: 15.533 min
Delta R.T.: 0.003 min
Response: 3024568
Conc: 18.73 ug/ml



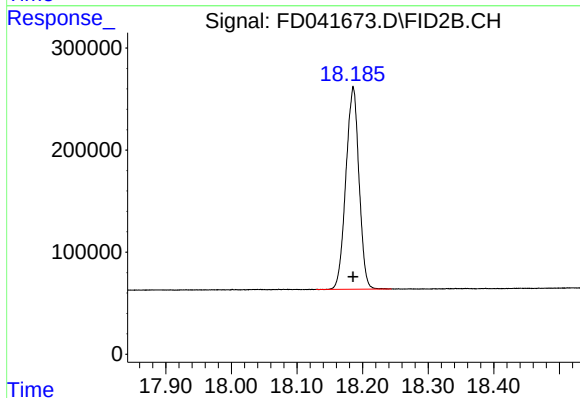
#16 n-Octacosane (C28)

R.T.: 16.475 min
Delta R.T.: 0.001 min
Response: 3025234
Conc: 18.79 ug/ml



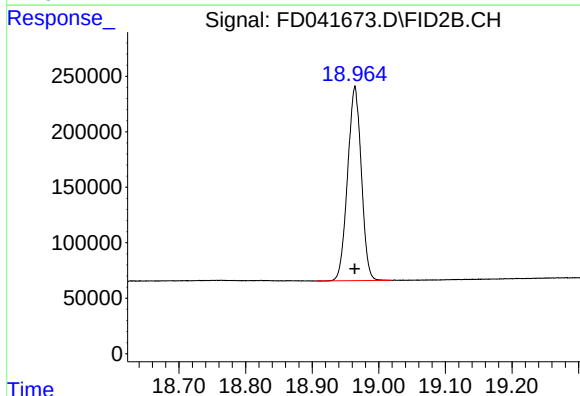
#17 n-Tricontane (C30)

R.T.: 17.358 min
Delta R.T.: 0.002 min
Response: 2958393
Conc: 18.77 ug/ml



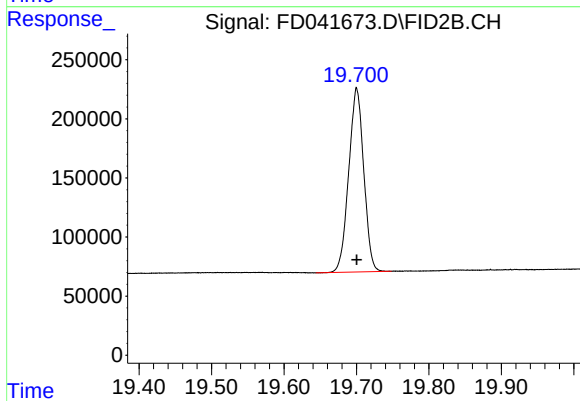
#18 n-Dotriacontane (C32)

R.T.: 18.186 min
Delta R.T.: 0.000 min
Response: 2758671
Conc: 18.59 ug/ml



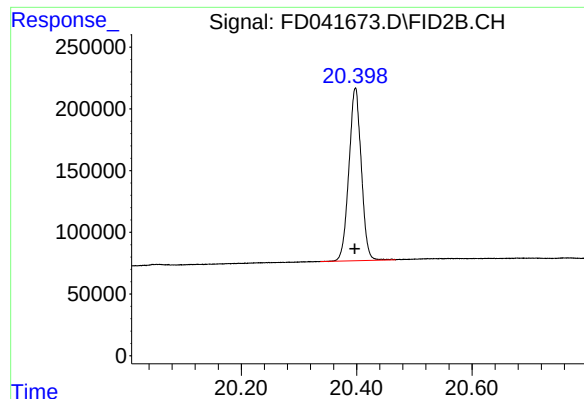
#19 n-Tetratriacontane (C34)

R.T.: 18.964 min
Delta R.T.: 0.000 min
Response: 2504680
Conc: 18.69 ug/ml



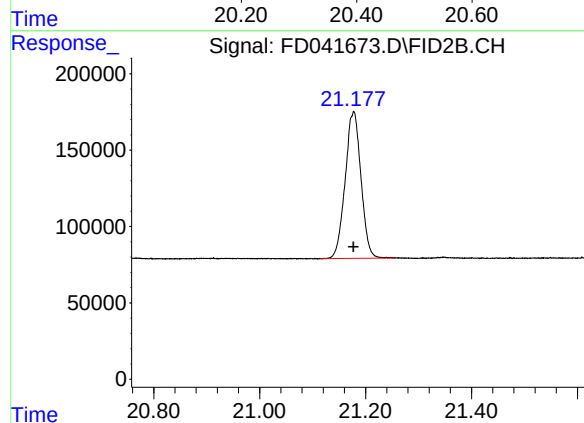
#20 n-Hexatriacontane (C36)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 2242927
Conc: 18.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.398 min
Delta R.T.: 0.000 min
Response: 2076430
Conc: 18.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.178 min
Delta R.T.: 0.000 min
Response: 1993441
Conc: 18.52 ug/ml