

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030722AL\
 Data File : FD041426.D
 Signal(s) : FID2B.CH
 Acq On : 08 Mar 2022 2:24
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 08 03:03:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 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	3396127	19.579 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
12) S 1-chlorooctadecane (S...	12.682	2644495	19.533 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T n-Nonane (C9)	3.107	2941854	20.202 ug/ml
2) T n-Decane (C10)	4.153	2932779	20.311 ug/ml
3) T A~Naphthalene (C11.7)	5.702	3274574	20.499 ug/ml
4) T n-Dodecane (C12)	6.148	3032766	20.477 ug/ml
5) T A~2-methylnaphthalene...	6.748	3306162	20.660 ug/ml
6) T n-Tetradecane (C14)	7.925	3068004	20.493 ug/ml
7) T n-Hexadecane (C16)	9.514	3095292	20.332 ug/ml
8) T n-Octadecane (C18)	10.944	3118108	20.061 ug/ml
10) T n-Eicosane (C20)	12.245	3065141	19.744 ug/ml
11) T n-Heneicosane (C21)	12.853	3054987	19.510 ug/ml
13) T n-Docosane (C22)	13.435	3020055	19.284 ug/ml
14) T n-Tetracosane (C24)	14.533	2950947	18.814 ug/ml
15) T n-Hexacosane (C26)	15.548	2826911	18.399 ug/ml
16) T n-Octacosane (C28)	16.491	2709808	18.208 ug/ml
17) T n-Tricontane (C30)	17.374	2589899	18.407 ug/ml
18) T n-Dotriacontane (C32)	18.203	2420312	19.024 ug/ml
19) T n-Tetratriacontane (C34)	18.982	2245753	19.717 ug/ml
20) T n-Hexatriacontane (C36)	19.718	2098159	20.471 ug/ml
21) T n-Octatriacontane (C38)	20.415	2015501	21.228 ug/ml
22) T n-Tetracontane (C40)	21.200	2022079	21.336 ug/ml

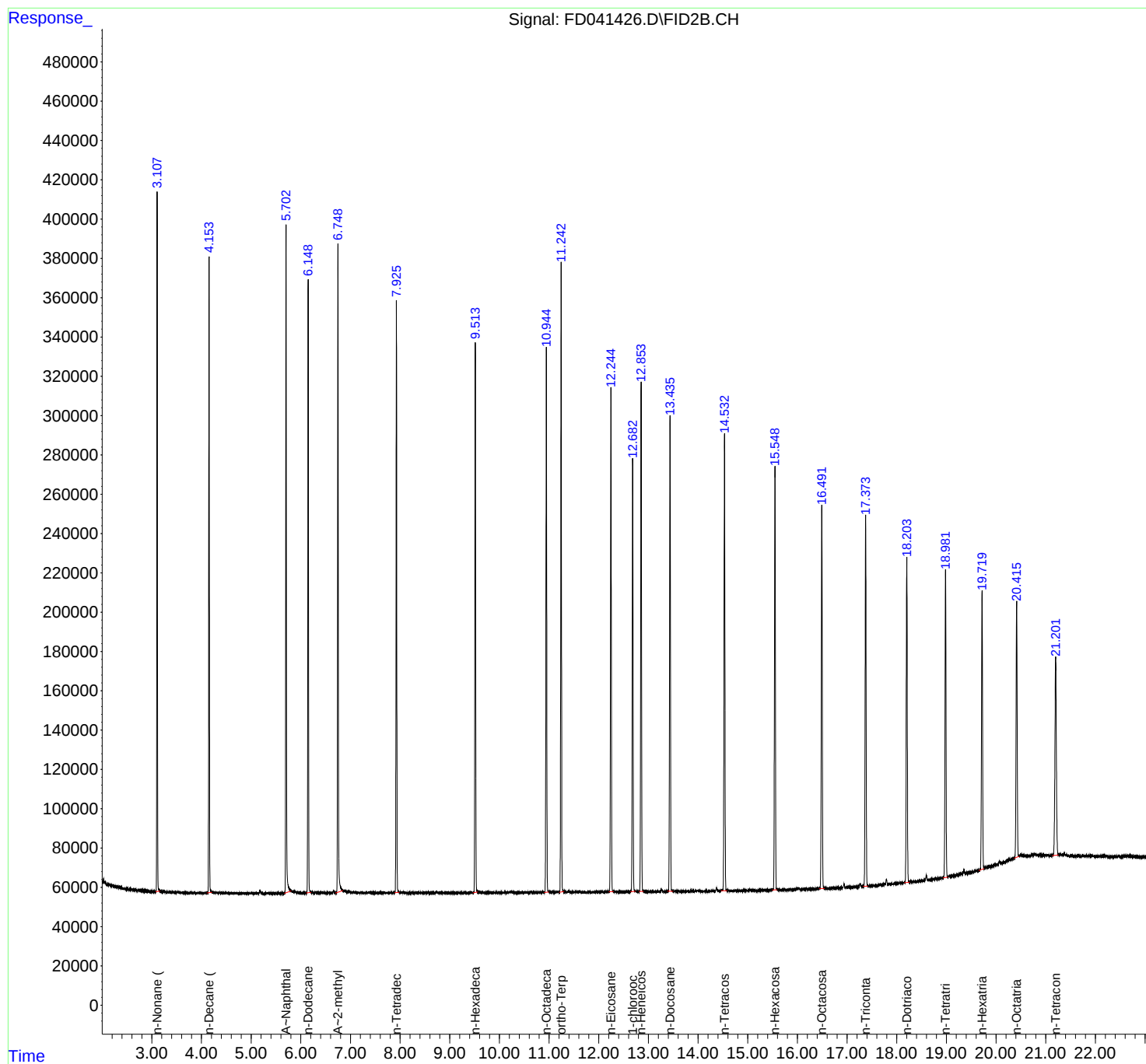
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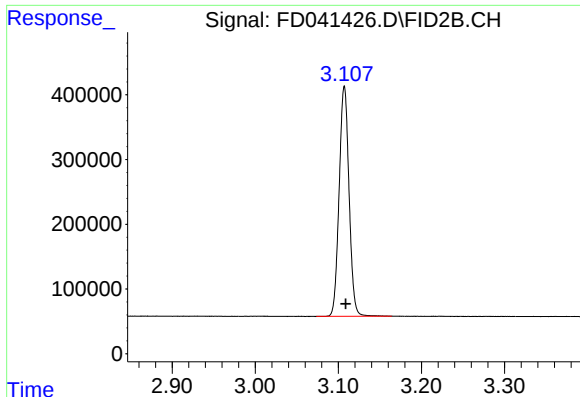
(m)=manual int.

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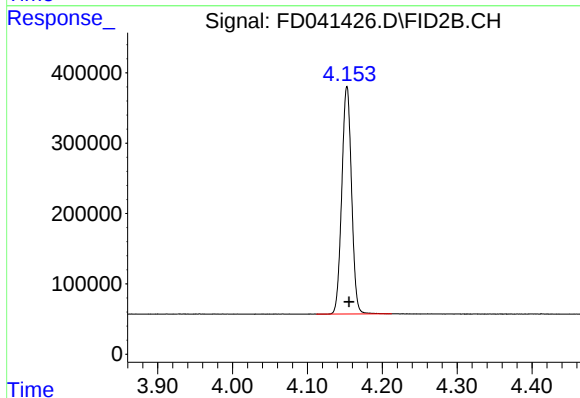
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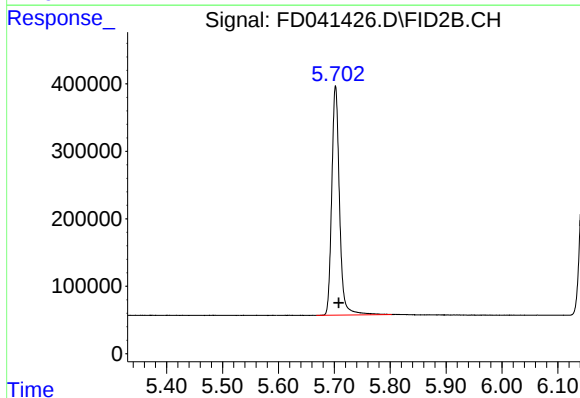
#1 n-Nonane (C9)

R.T.: 3.107 min
Delta R.T.: -0.002 min
Response: 2941854
Conc: 20.20 ug/ml



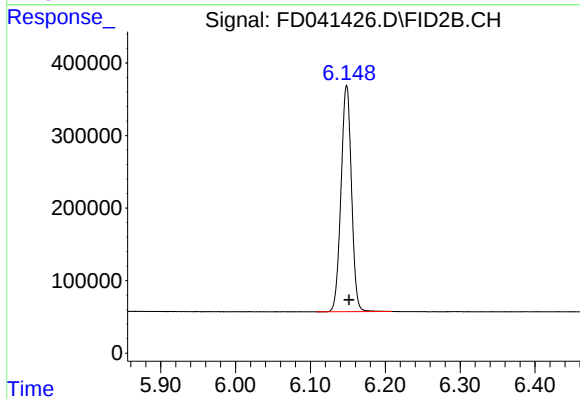
#2 n-Decane (C10)

R.T.: 4.153 min
Delta R.T.: -0.003 min
Response: 2932779
Conc: 20.31 ug/ml



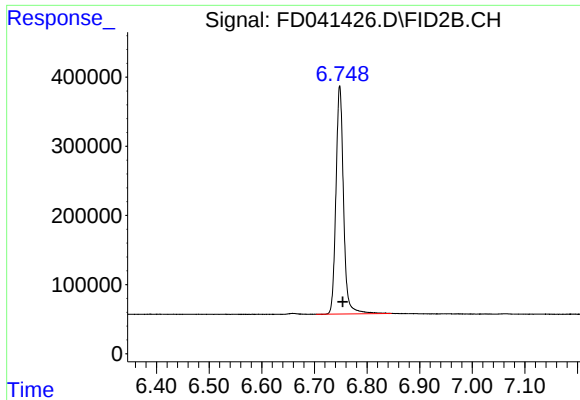
#3 A~Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.006 min
Response: 3274574
Conc: 20.50 ug/ml



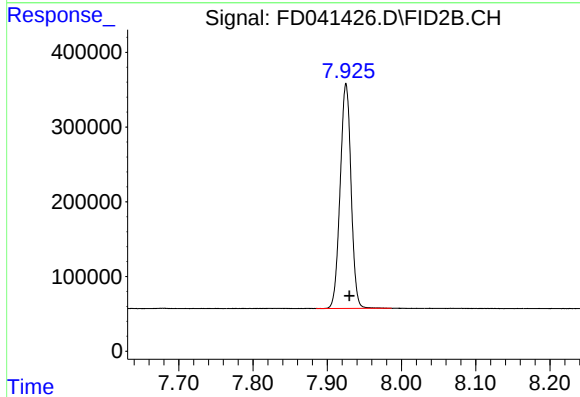
#4 n-Dodecane (C12)

R.T.: 6.148 min
Delta R.T.: -0.003 min
Response: 3032766
Conc: 20.48 ug/ml



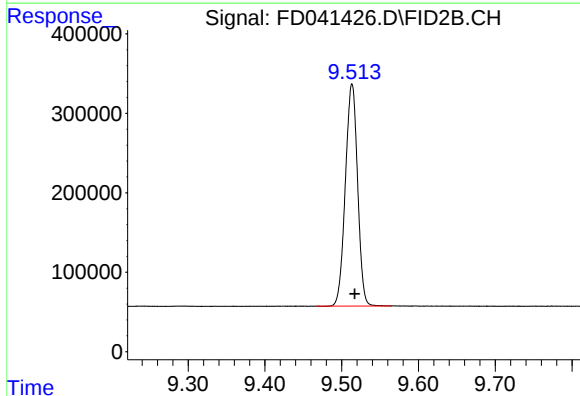
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 3306162
Conc: 20.66 ug/ml



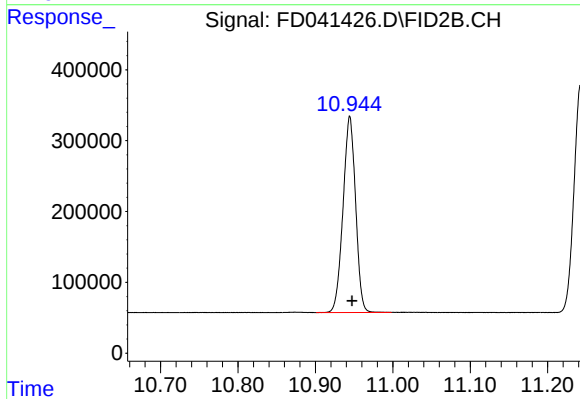
#6 n-Tetradecane (C14)

R.T.: 7.925 min
Delta R.T.: -0.005 min
Response: 3068004
Conc: 20.49 ug/ml



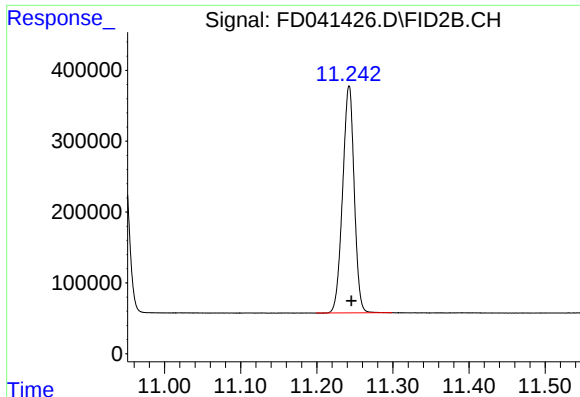
#7 n-Hexadecane (C16)

R.T.: 9.514 min
Delta R.T.: -0.004 min
Response: 3095292
Conc: 20.33 ug/ml



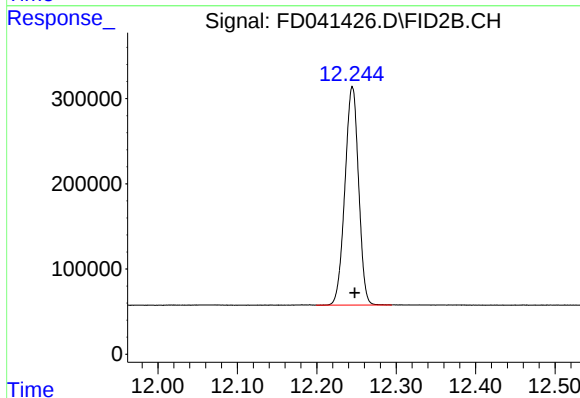
#8 n-Octadecane (C18)

R.T.: 10.944 min
Delta R.T.: -0.003 min
Response: 3118108
Conc: 20.06 ug/ml



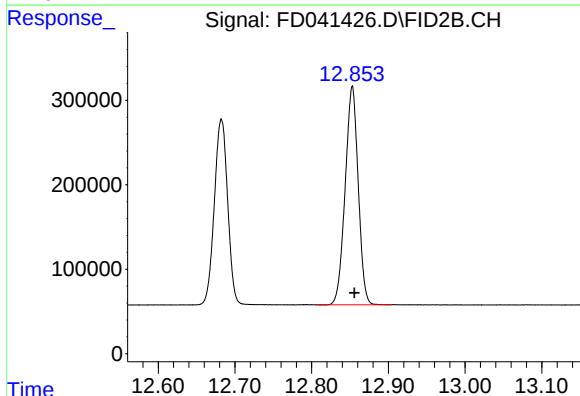
#9 ortho-Terphenyl (SURR)

R.T.: 11.242 min
Delta R.T.: -0.003 min
Response: 3396127
Conc: 19.58 ug/ml



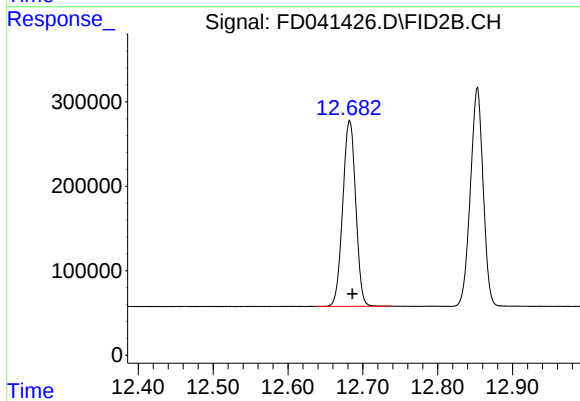
#10 n-Eicosane (C20)

R.T.: 12.245 min
Delta R.T.: -0.003 min
Response: 3065141
Conc: 19.74 ug/ml



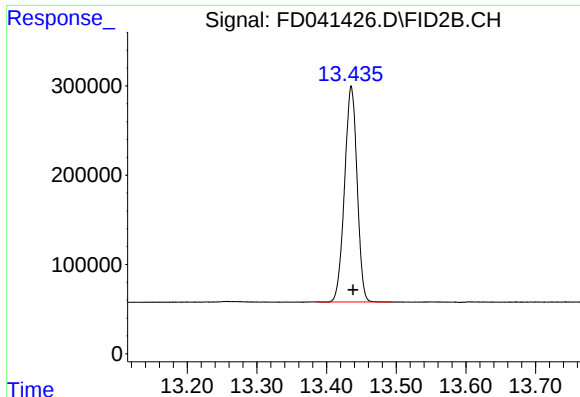
#11 n-Heneicosane (C21)

R.T.: 12.853 min
Delta R.T.: -0.003 min
Response: 3054987
Conc: 19.51 ug/ml



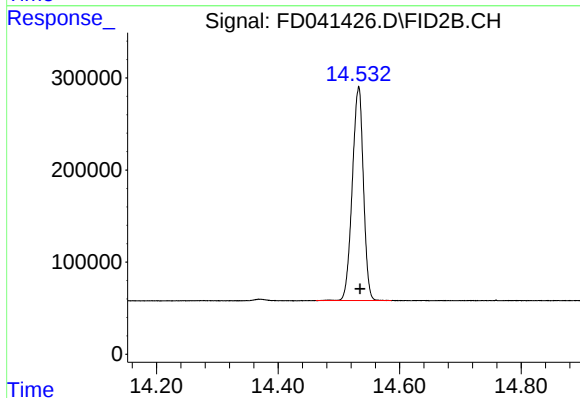
#12 1-chlorooctadecane (SURR)

R.T.: 12.682 min
Delta R.T.: -0.004 min
Response: 2644495
Conc: 19.53 ug/ml



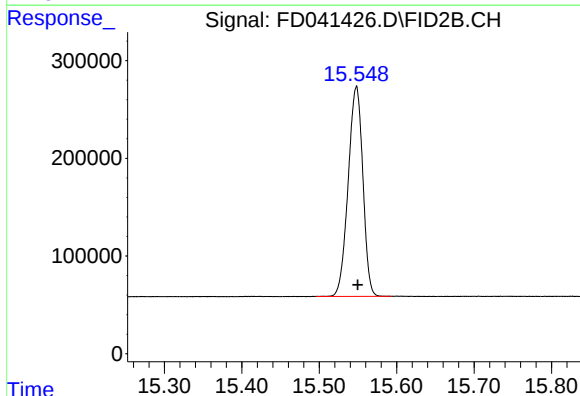
#13 n-Docosane (C22)

R.T.: 13.435 min
Delta R.T.: -0.002 min
Response: 3020055
Conc: 19.28 ug/ml



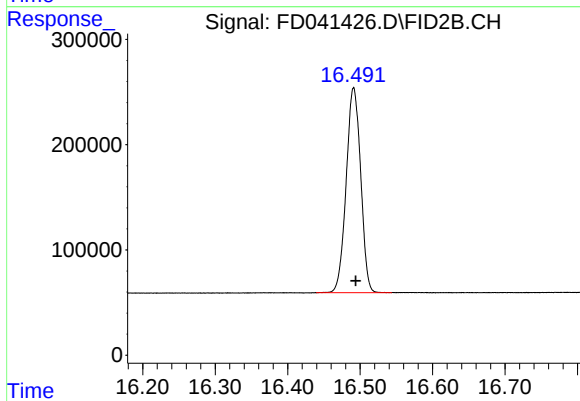
#14 n-Tetracosane (C24)

R.T.: 14.533 min
Delta R.T.: -0.002 min
Response: 2950947
Conc: 18.81 ug/ml



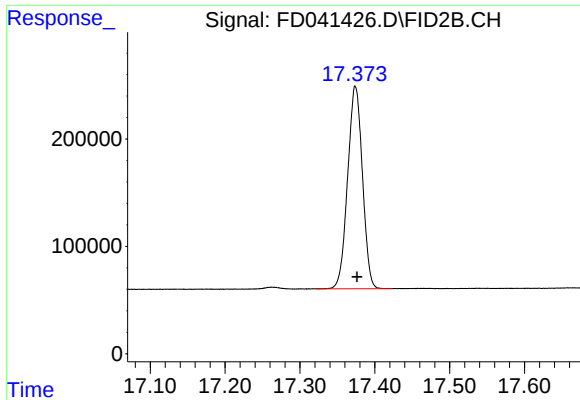
#15 n-Hexacosane (C26)

R.T.: 15.548 min
Delta R.T.: -0.002 min
Response: 2826911
Conc: 18.40 ug/ml



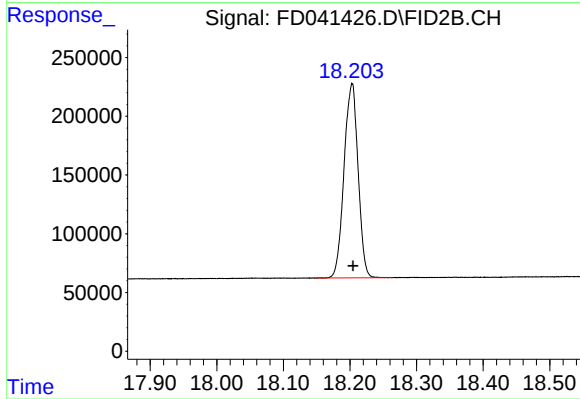
#16 n-Octacosane (C28)

R.T.: 16.491 min
Delta R.T.: -0.003 min
Response: 2709808
Conc: 18.21 ug/ml



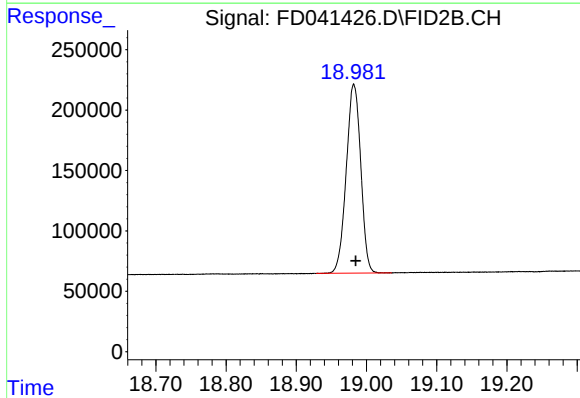
#17 n-Tricontane (C30)

R.T.: 17.374 min
Delta R.T.: -0.002 min
Response: 2589899
Conc: 18.41 ug/ml



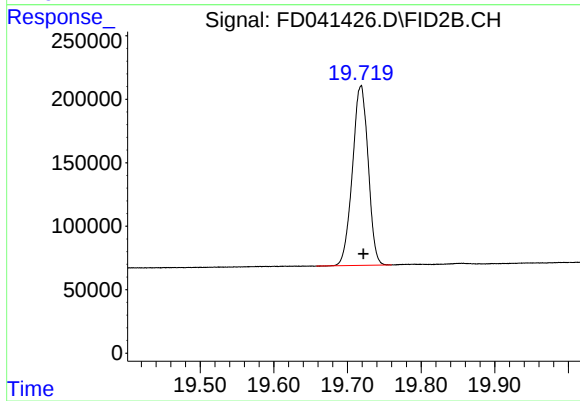
#18 n-Dotriacontane (C32)

R.T.: 18.203 min
Delta R.T.: -0.001 min
Response: 2420312
Conc: 19.02 ug/ml



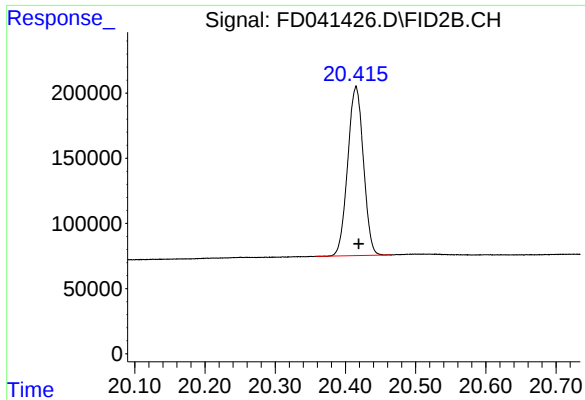
#19 n-Tetratriacontane (C34)

R.T.: 18.982 min
Delta R.T.: -0.003 min
Response: 2245753
Conc: 19.72 ug/ml



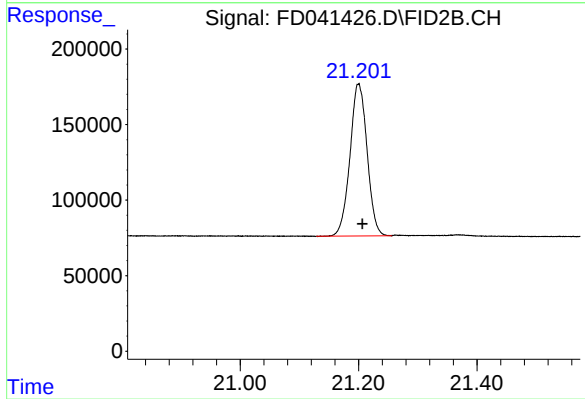
#20 n-Hexatriacontane (C36)

R.T.: 19.718 min
Delta R.T.: -0.003 min
Response: 2098159
Conc: 20.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.415 min
Delta R.T.: -0.004 min
Response: 2015501
Conc: 21.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.200 min
Delta R.T.: -0.007 min
Response: 2022079
Conc: 21.34 ug/ml