

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052422AL\
 Data File : FD042645.D
 Signal(s) : FID2B.CH
 Acq On : 25 May 2022 6:24
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 25 06:48:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052422.M
 Quant Title : GC Extractables
 QLast Update : Wed May 25 05:10:04 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)	11.197	3427204	19.785 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
12) S 1-chlorooctadecane (S...	12.635	2690999	20.085 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
Target Compounds			
1) T n-Nonane (C9)	3.074	2734357	19.947 ug/ml
2) T n-Decane (C10)	4.117	2689894	20.009 ug/ml
3) T A~Naphthalene (C11.7)	5.671	2844962	19.386 ug/ml
4) T n-Dodecane (C12)	6.110	2854676	20.029 ug/ml
5) T A~2-methylnaphthalene...	6.718	2772035	19.476 ug/ml
6) T n-Tetradecane (C14)	7.885	2869099	19.894 ug/ml
7) T n-Hexadecane (C16)	9.469	2956249	20.002 ug/ml
8) T n-Octadecane (C18)	10.897	3068907	19.902 ug/ml
10) T n-Eicosane (C20)	12.197	3146603	19.909 ug/ml
11) T n-Heneicosane (C21)	12.804	3183554	19.806 ug/ml
13) T n-Docosane (C22)	13.387	3200640	19.859 ug/ml
14) T n-Tetracosane (C24)	14.482	3208445	19.930 ug/ml
15) T n-Hexacosane (C26)	15.495	3157120	20.037 ug/ml
16) T n-Octacosane (C28)	16.439	3026143	20.118 ug/ml
17) T n-Tricontane (C30)	17.320	2800780	20.087 ug/ml
18) T n-Dotriacontane (C32)	18.147	2486443	19.943 ug/ml
19) T n-Tetratriacontane (C34)	18.926	2181497	19.938 ug/ml
20) T n-Hexatriacontane (C36)	19.661	1988145	20.652 ug/ml
21) T n-Octatriacontane (C38)	20.357	1739697	20.822 ug/mlm
22) T n-Tetracontane (C40)	21.127	1301756	22.660 ug/ml

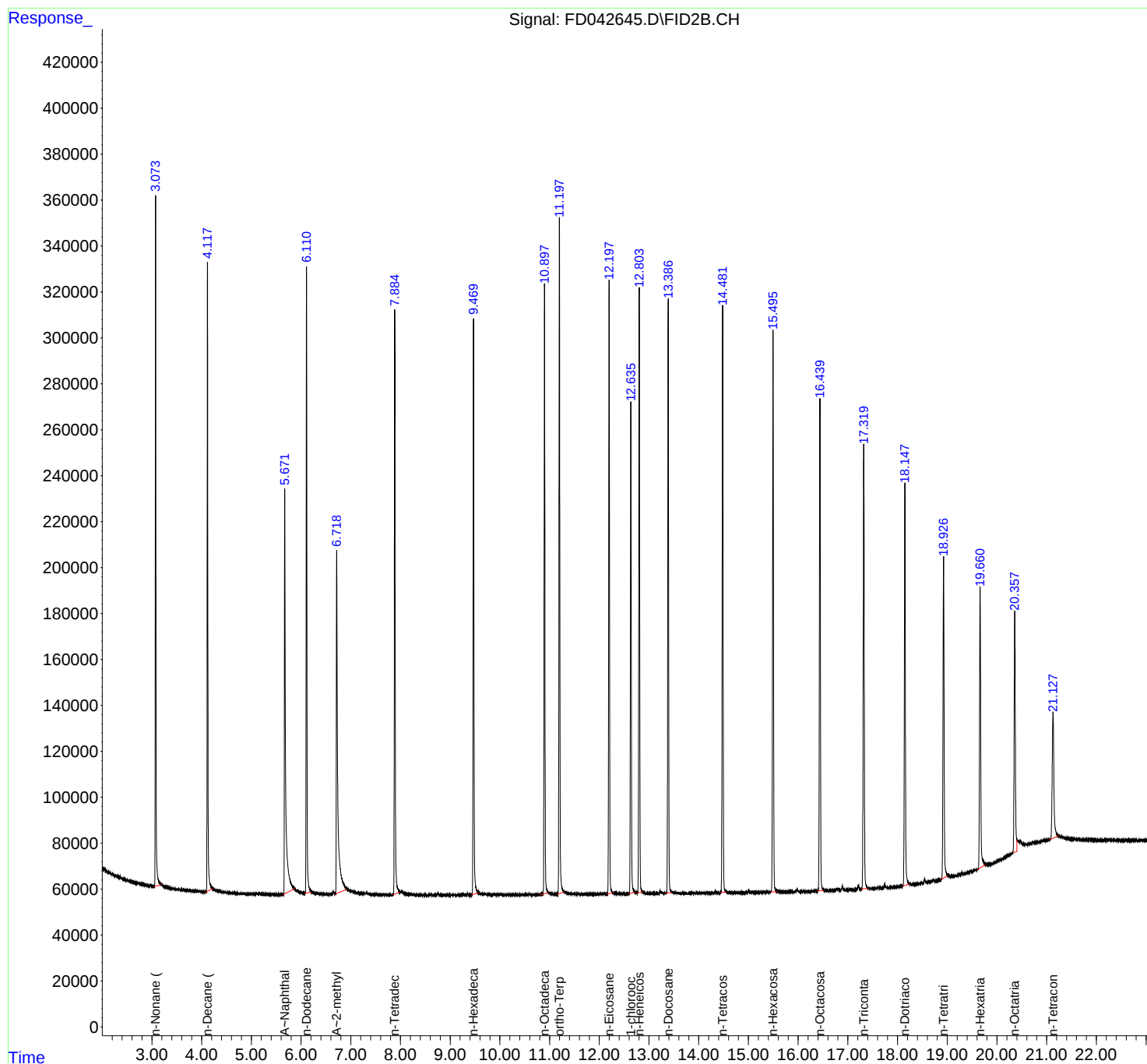
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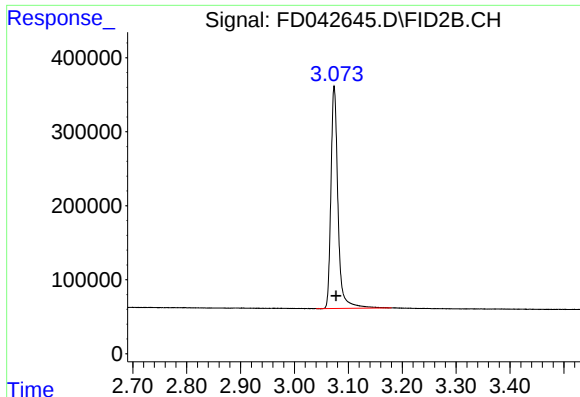
(m)=manual int.

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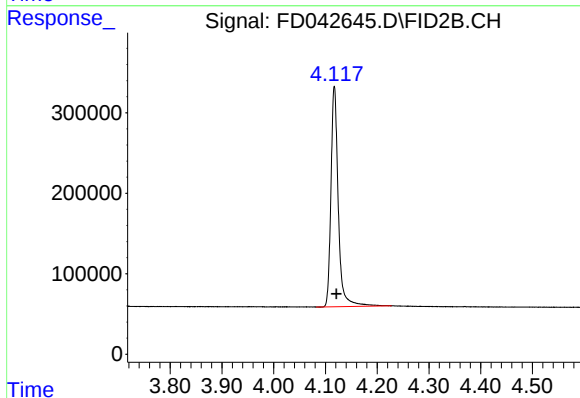
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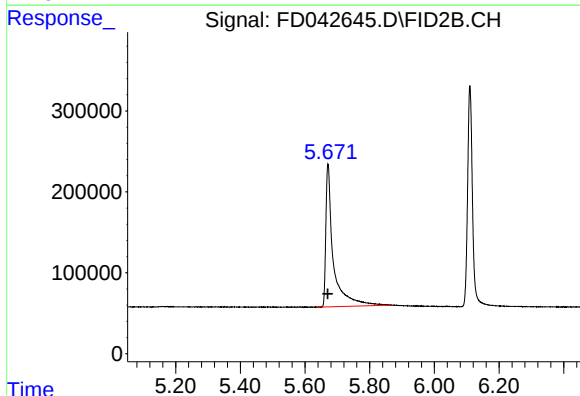
#1 n-Nonane (C9)

R.T.: 3.074 min
Delta R.T.: -0.003 min
Response: 2734357
Conc: 19.95 ug/ml



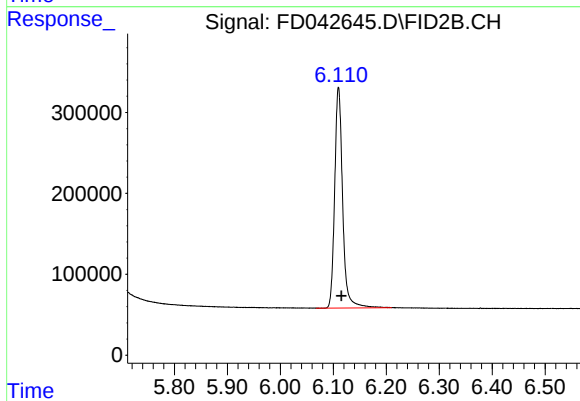
#2 n-Decane (C10)

R.T.: 4.117 min
Delta R.T.: -0.004 min
Response: 2689894
Conc: 20.01 ug/ml



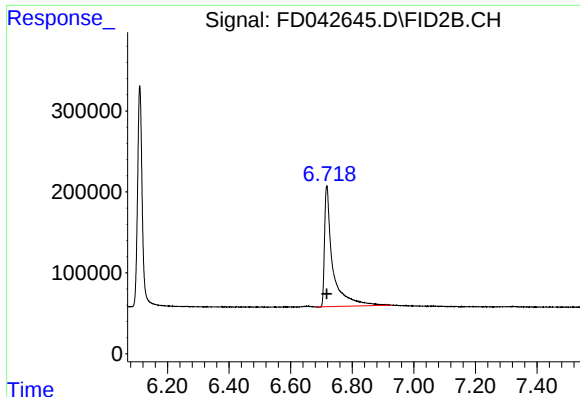
#3 A~Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 2844962
Conc: 19.39 ug/ml



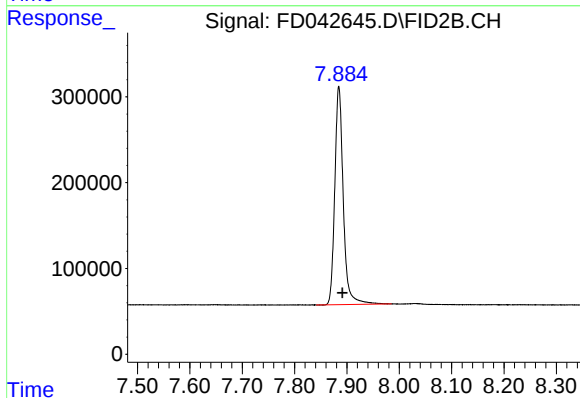
#4 n-Dodecane (C12)

R.T.: 6.110 min
Delta R.T.: -0.005 min
Response: 2854676
Conc: 20.03 ug/ml



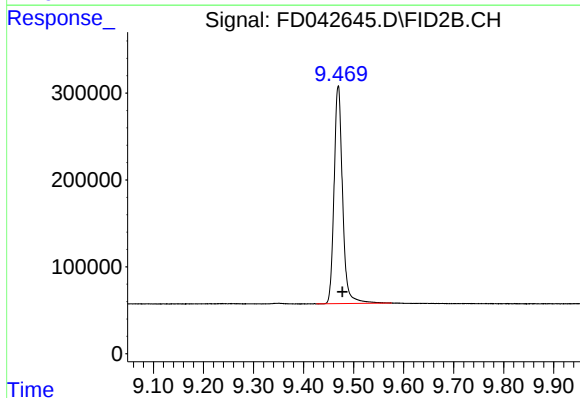
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 2772035
Conc: 19.48 ug/ml



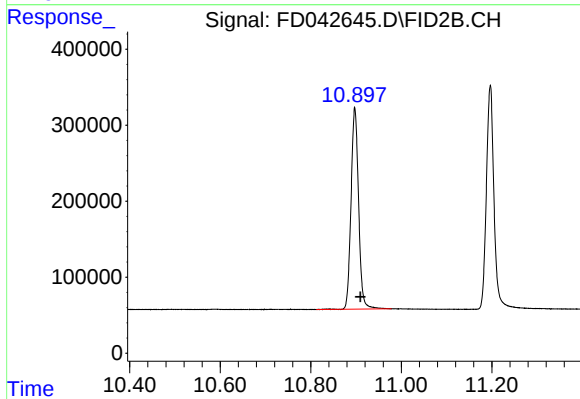
#6 n-Tetradecane (C14)

R.T.: 7.885 min
Delta R.T.: -0.007 min
Response: 2869099
Conc: 19.89 ug/ml



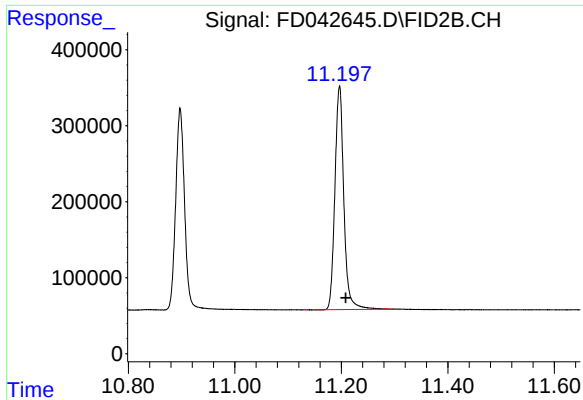
#7 n-Hexadecane (C16)

R.T.: 9.469 min
Delta R.T.: -0.009 min
Response: 2956249
Conc: 20.00 ug/ml



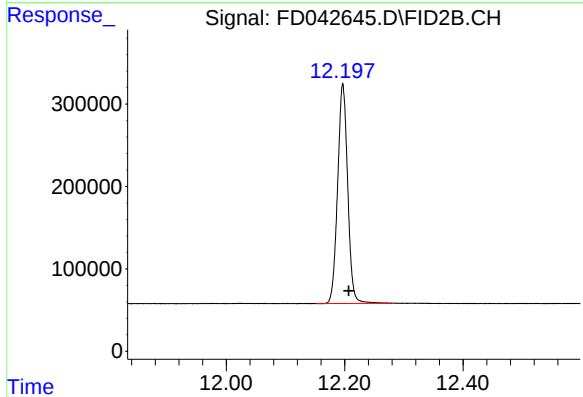
#8 n-Octadecane (C18)

R.T.: 10.897 min
Delta R.T.: -0.012 min
Response: 3068907
Conc: 19.90 ug/ml



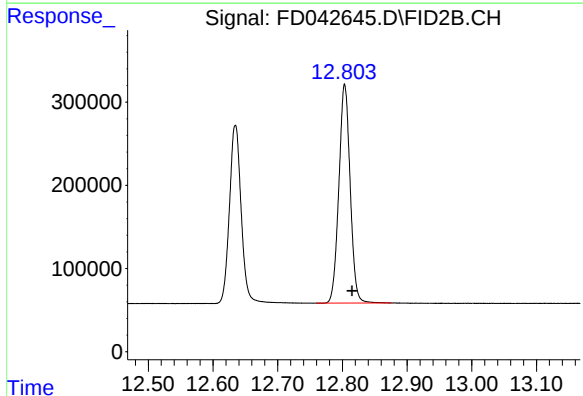
#9 ortho-Terphenyl (SURR)

R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 3427204
Conc: 19.79 ug/ml



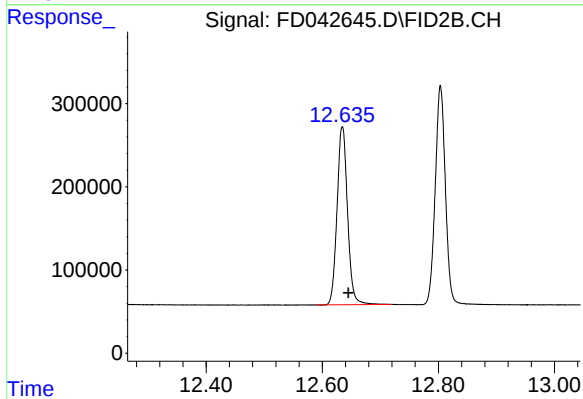
#10 n-Eicosane (C20)

R.T.: 12.197 min
Delta R.T.: -0.010 min
Response: 3146603
Conc: 19.91 ug/ml



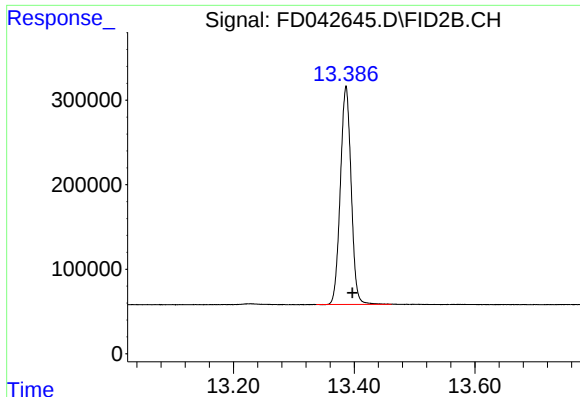
#11 n-Heneicosane (C21)

R.T.: 12.804 min
Delta R.T.: -0.011 min
Response: 3183554
Conc: 19.81 ug/ml



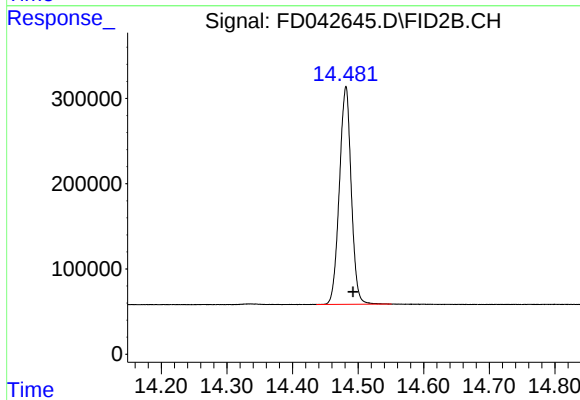
#12 1-chlorooctadecane (SURR)

R.T.: 12.635 min
Delta R.T.: -0.010 min
Response: 2690999
Conc: 20.08 ug/ml



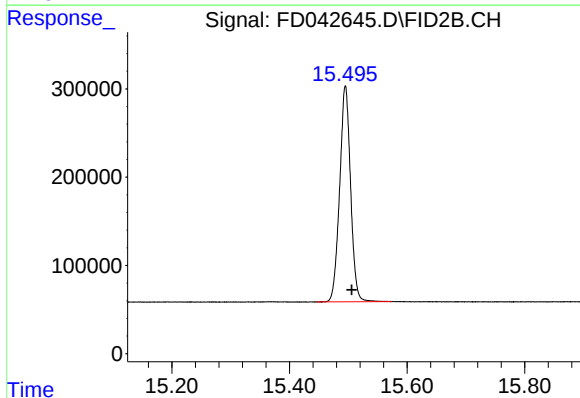
#13 n-Docosane (C22)

R.T.: 13.387 min
Delta R.T.: -0.010 min
Response: 3200640
Conc: 19.86 ug/ml



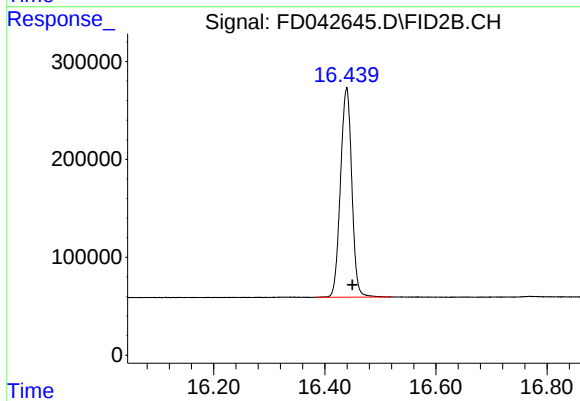
#14 n-Tetracosane (C24)

R.T.: 14.482 min
Delta R.T.: -0.011 min
Response: 3208445
Conc: 19.93 ug/ml



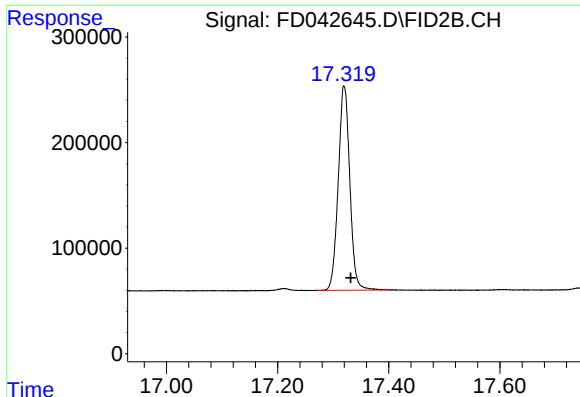
#15 n-Hexacosane (C26)

R.T.: 15.495 min
Delta R.T.: -0.011 min
Response: 3157120
Conc: 20.04 ug/ml



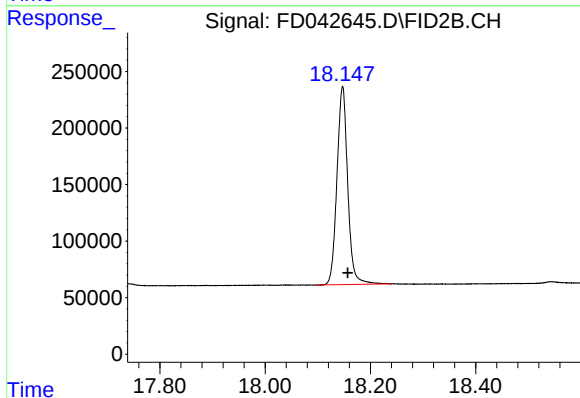
#16 n-Octacosane (C28)

R.T.: 16.439 min
Delta R.T.: -0.010 min
Response: 3026143
Conc: 20.12 ug/ml



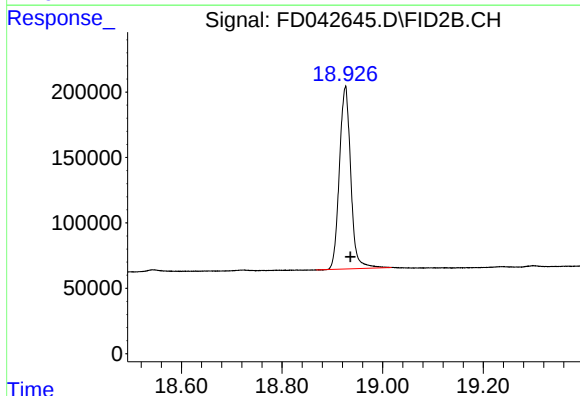
#17 n-Tricontane (C30)

R.T.: 17.320 min
Delta R.T.: -0.012 min
Response: 2800780
Conc: 20.09 ug/ml



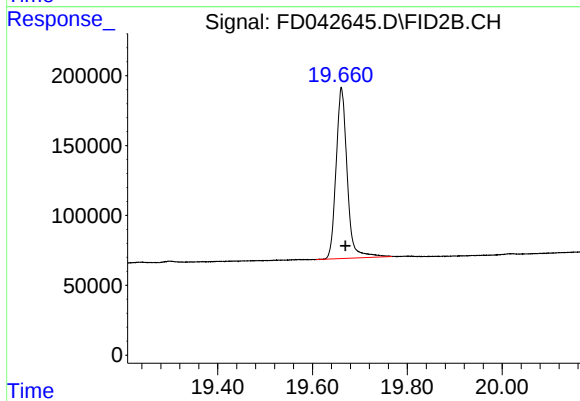
#18 n-Dotriacontane (C32)

R.T.: 18.147 min
Delta R.T.: -0.010 min
Response: 2486443
Conc: 19.94 ug/ml



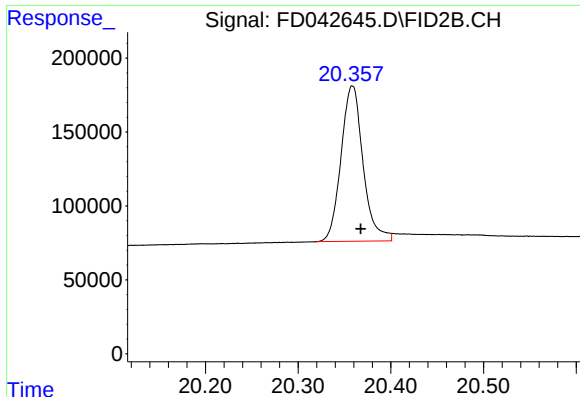
#19 n-Tetratriacontane (C34)

R.T.: 18.926 min
Delta R.T.: -0.010 min
Response: 2181497
Conc: 19.94 ug/ml



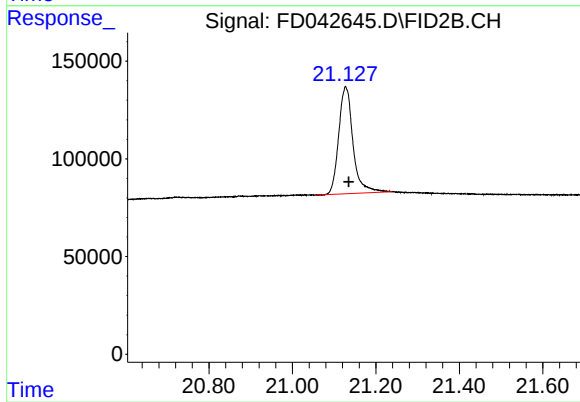
#20 n-Hexatriacontane (C36)

R.T.: 19.661 min
Delta R.T.: -0.009 min
Response: 1988145
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.357 min
Delta R.T.: -0.010 min
Response: 1739697
Conc: 20.82 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.127 min
Delta R.T.: -0.008 min
Response: 1301756
Conc: 22.66 ug/ml