

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081719AL\
 Data File : FD030173.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2019 8:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 19 01:16:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 2019
 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)	11.568	2794705	20.332 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	12.992	2255328	19.774 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T n-Nonane (C9)	3.362	2721418	22.740 ug/ml
2) T n-Decane (C10)	4.425	2810357	23.109 ug/ml
3) T A~Naphthalene (C11.7)	6.007	3151379	22.891 ug/ml
4) T n-Dodecane (C12)	6.435	2815488	23.089 ug/ml
5) T A~2-methylnaphthalene...	7.059	3151331	22.786 ug/ml
6) T n-Tetradecane (C14)	8.223	2806381	22.752 ug/ml
7) T n-Hexadecane (C16)	9.815	2773262	22.210 ug/ml
8) T n-Octadecane (C18)	11.249	2723697	21.304 ug/ml
10) T n-Eicosane (C20)	12.550	2659251	20.482 ug/ml
11) T n-Heneicosane (C21)	13.159	2574450	19.823 ug/ml
13) T n-Docosane (C22)	13.741	2575401	19.724 ug/ml
14) T n-Tetracosane (C24)	14.836	2570126	19.582 ug/ml
15) T n-Hexacosane (C26)	15.850	2711737	21.025 ug/ml
16) T n-Octacosane (C28)	16.793	2876057	22.668 ug/ml
17) T n-Tricontane (C30)	17.674	2920923	24.103 ug/ml
18) T n-Dotriacontane (C32)	18.499	2667867	23.793 ug/ml
19) T n-Tetratriacontane (C34)	19.277	2275935	25.669 ug/ml
20) T n-Hexatriacontane (C36)	20.008	5346587	71.940 ug/ml
21) T n-Octatriacontane (C38)	20.727	3524441	52.949 ug/ml
22) T n-Tetracontane (C40)	21.603	1715603	24.288 ug/ml

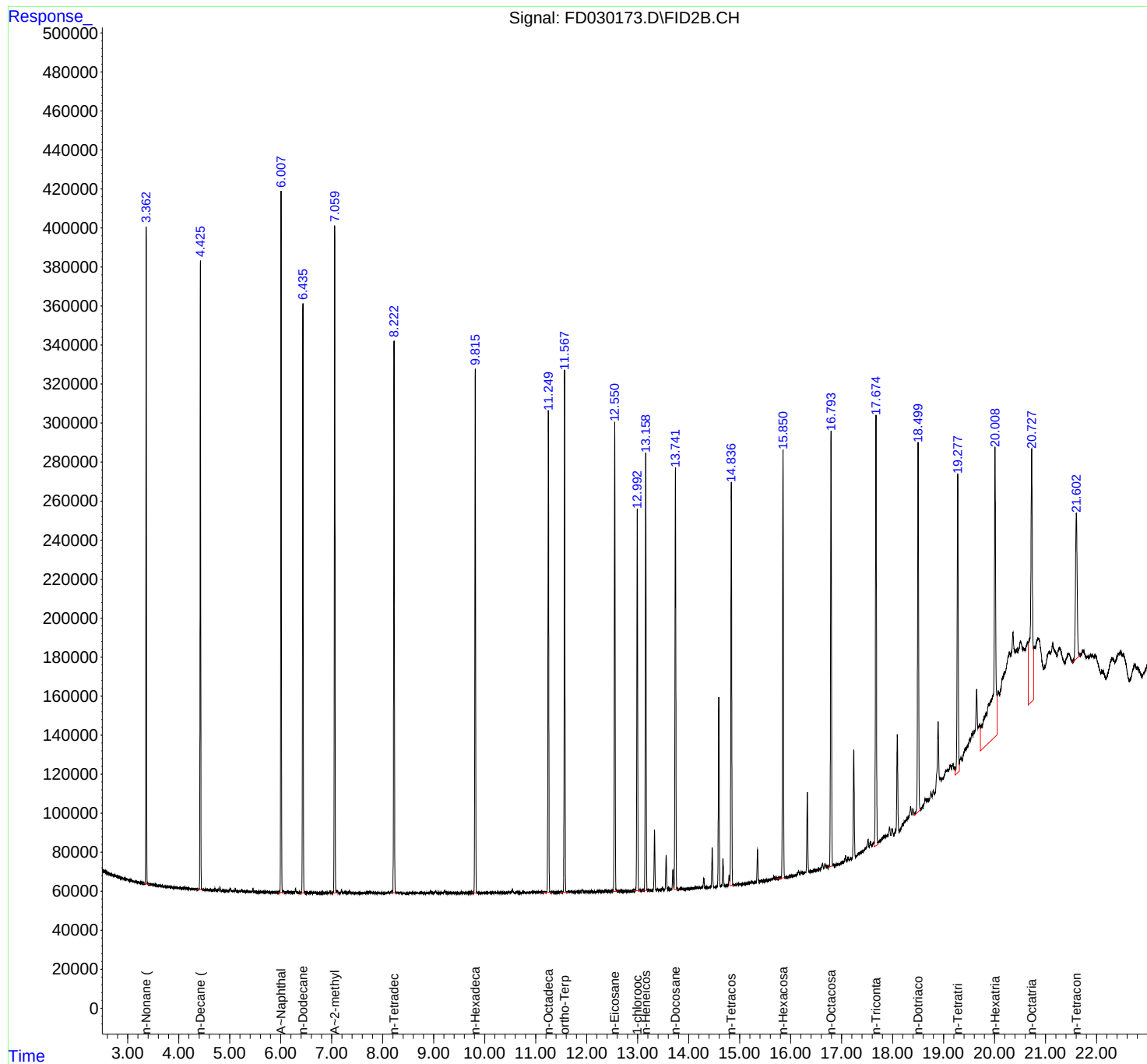
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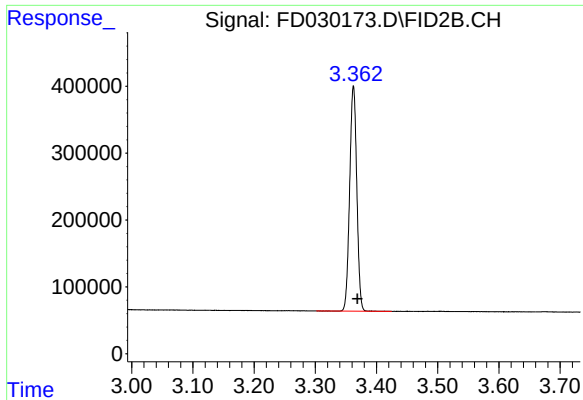
(m)=manual int.

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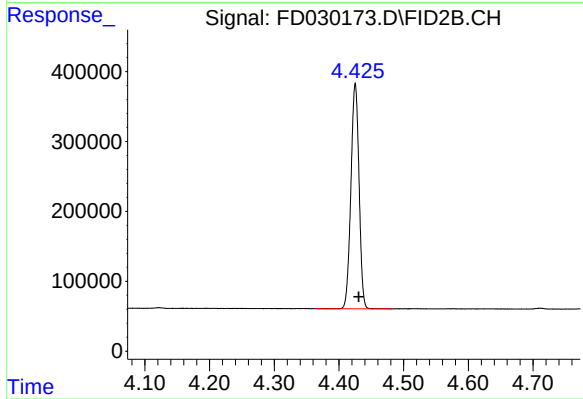
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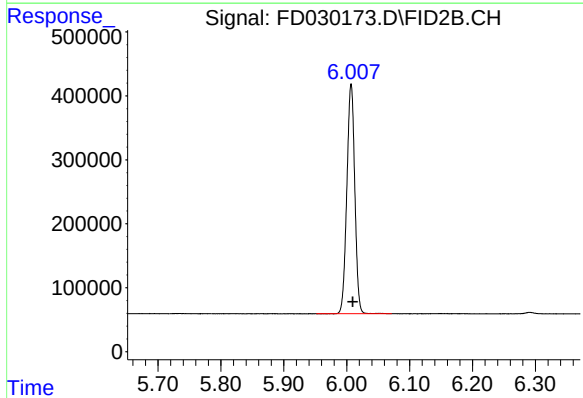
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: -0.007 min
Response: 2721418
Conc: 22.74 ug/ml



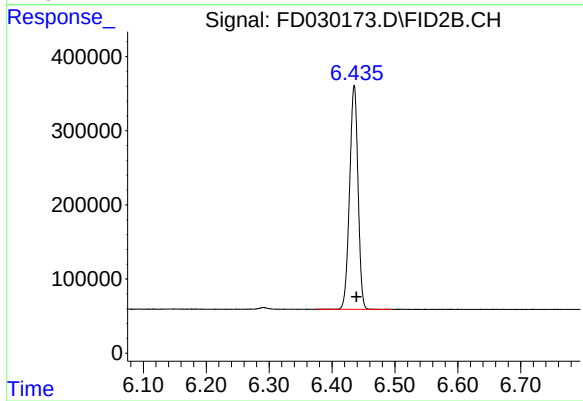
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 2810357
Conc: 23.11 ug/ml



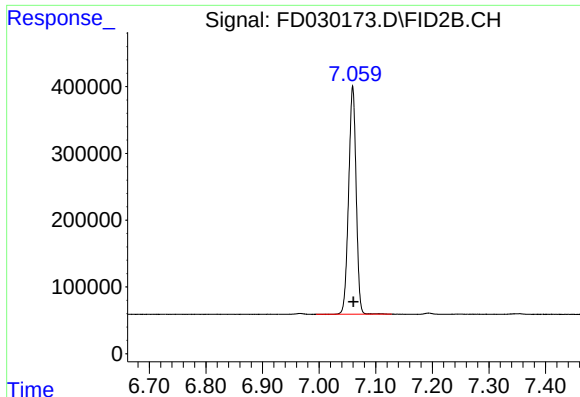
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 3151379
Conc: 22.89 ug/ml



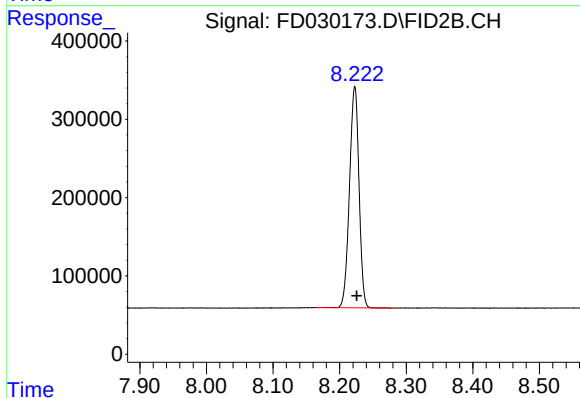
#4 n-Dodecane (C12)

R.T.: 6.435 min
Delta R.T.: -0.004 min
Response: 2815488
Conc: 23.09 ug/ml



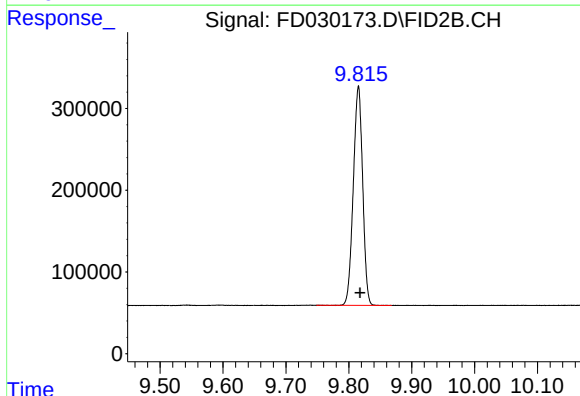
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: -0.001 min
Response: 3151331
Conc: 22.79 ug/ml



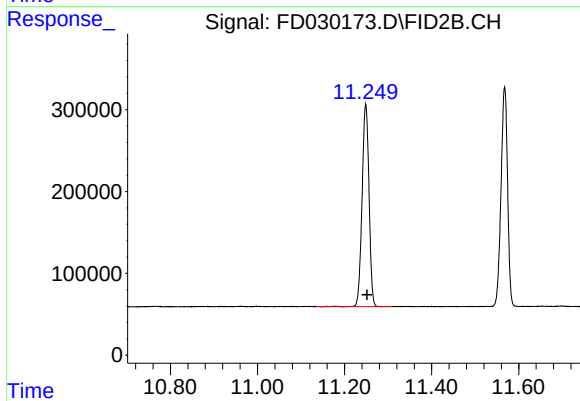
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 2806381
Conc: 22.75 ug/ml



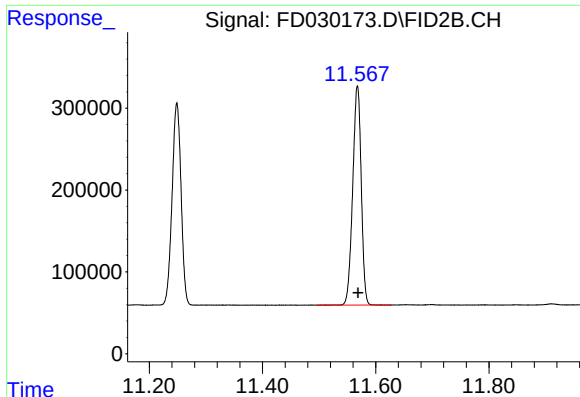
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.003 min
Response: 2773262
Conc: 22.21 ug/ml



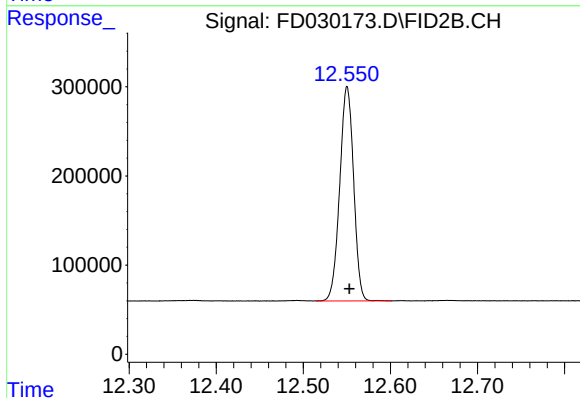
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.003 min
Response: 2723697
Conc: 21.30 ug/ml



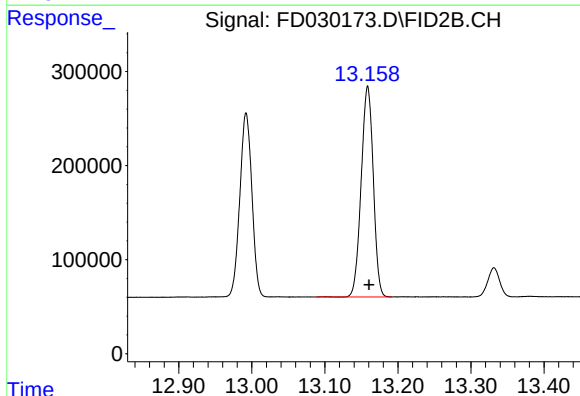
#9 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: -0.001 min
Response: 2794705
Conc: 20.33 ug/ml



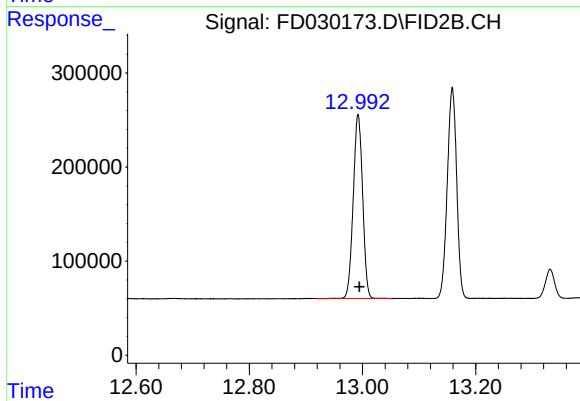
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.002 min
Response: 2659251
Conc: 20.48 ug/ml



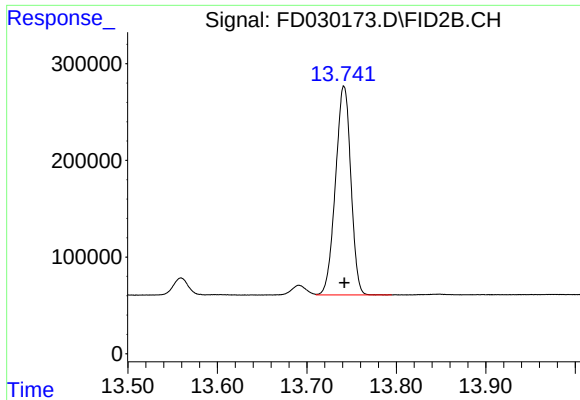
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: -0.002 min
Response: 2574450
Conc: 19.82 ug/ml



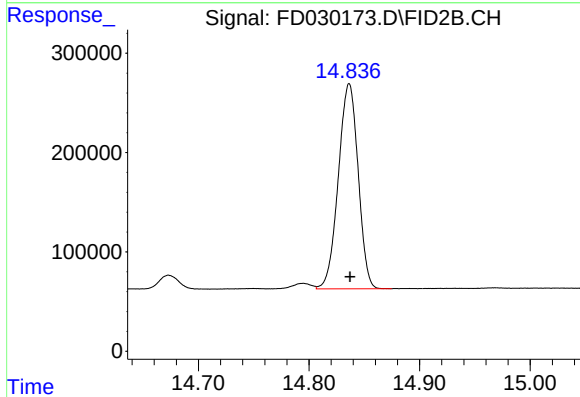
#12 1-chlorooctadecane (SURR)

R.T.: 12.992 min
Delta R.T.: -0.002 min
Response: 2255328
Conc: 19.77 ug/ml



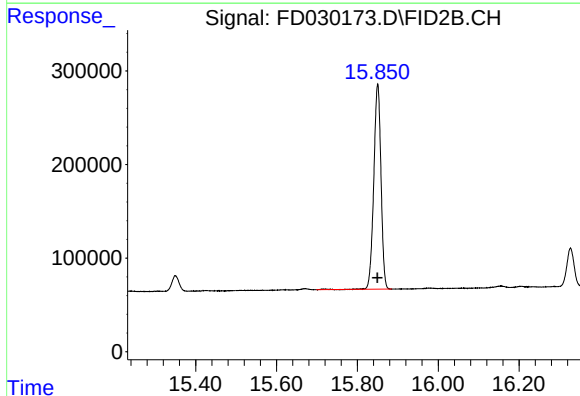
#13 n-Docosane (C22)

R.T.: 13.741 min
Delta R.T.: 0.000 min
Response: 2575401
Conc: 19.72 ug/ml



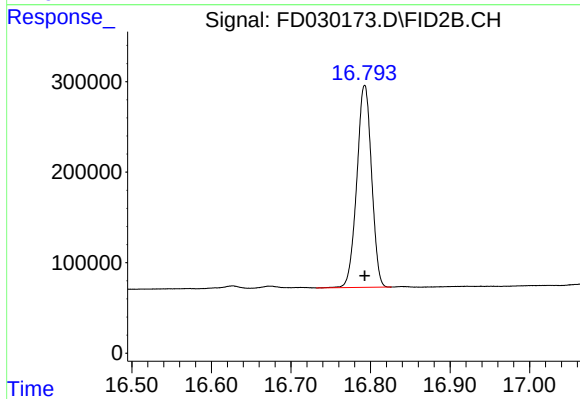
#14 n-Tetracosane (C24)

R.T.: 14.836 min
Delta R.T.: 0.000 min
Response: 2570126
Conc: 19.58 ug/ml



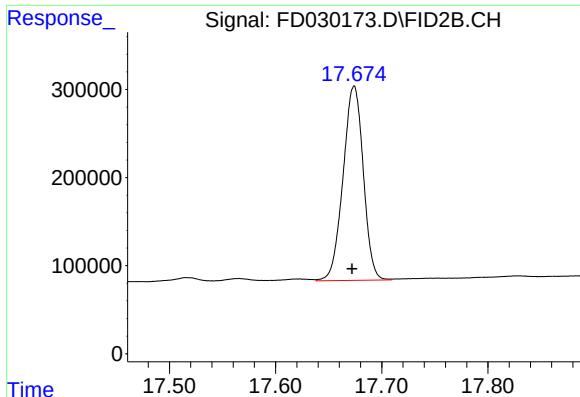
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: 0.000 min
Response: 2711737
Conc: 21.02 ug/ml



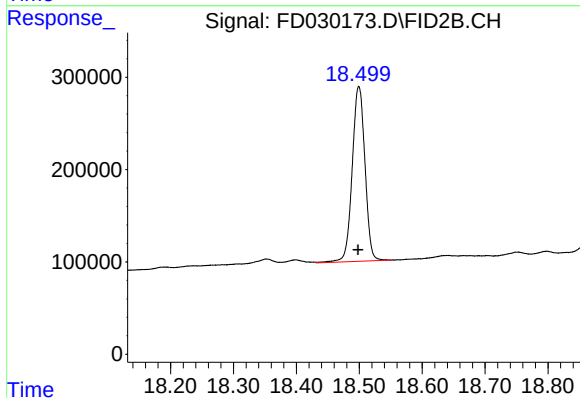
#16 n-Octacosane (C28)

R.T.: 16.793 min
Delta R.T.: 0.000 min
Response: 2876057
Conc: 22.67 ug/ml



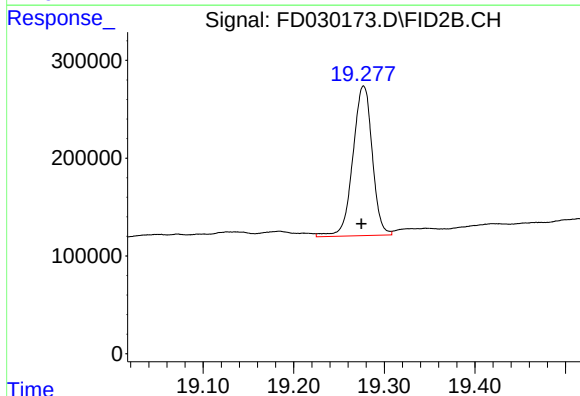
#17 n-Tricontane (C30)

R.T.: 17.674 min
Delta R.T.: 0.002 min
Response: 2920923
Conc: 24.10 ug/ml



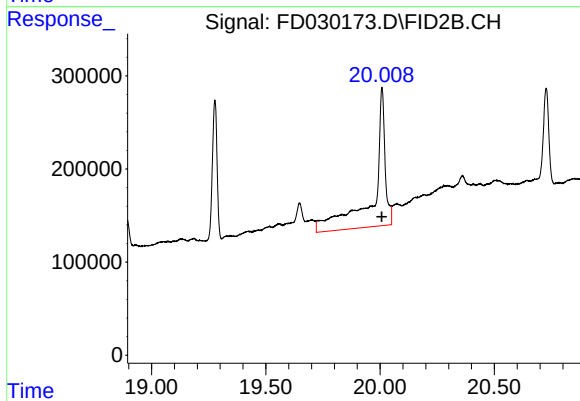
#18 n-Dotriacontane (C32)

R.T.: 18.499 min
Delta R.T.: 0.001 min
Response: 2667867
Conc: 23.79 ug/ml



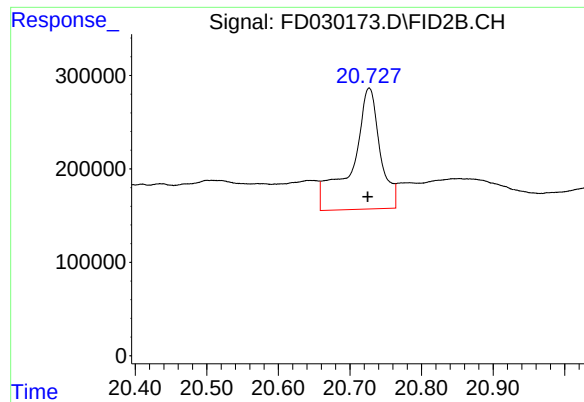
#19 n-Tetratriacontane (C34)

R.T.: 19.277 min
Delta R.T.: 0.002 min
Response: 2275935
Conc: 25.67 ug/ml



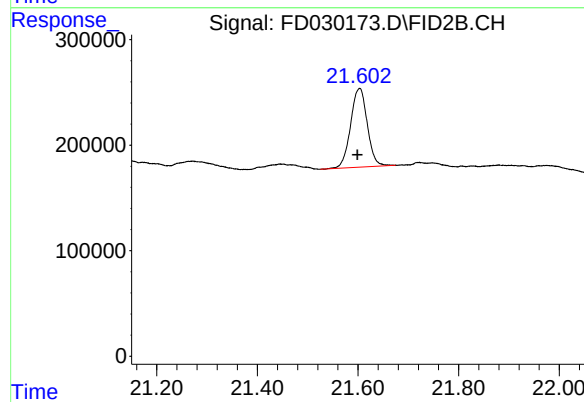
#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: 0.001 min
Response: 5346587
Conc: 71.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.727 min
Delta R.T.: 0.002 min
Response: 3524441
Conc: 52.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: 0.004 min
Response: 1715603
Conc: 24.29 ug/ml