

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111220AL\
 Data File : FD035472.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2020 10:36
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 13 10:08:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 2020
 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)	11.537	2605808	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	12.968	2072530	19.886 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.326	2392627	21.248 ug/ml
2) T n-Decane (C10)	4.390	2419574	21.411 ug/ml
3) T A~Naphthalene (C11.7)	5.971	2631042	21.514 ug/ml
4) T n-Dodecane (C12)	6.400	2469429	21.359 ug/ml
5) T A~2-methylnaphthalene...	7.024	2676415	21.390 ug/ml
6) T n-Tetradecane (C14)	8.189	2475603	21.497 ug/ml
7) T n-Hexadecane (C16)	9.785	2428064	21.249 ug/ml
8) T n-Octadecane (C18)	11.220	2515705	20.847 ug/ml
10) T n-Eicosane (C20)	12.525	2507525	20.448 ug/ml
11) T n-Heneicosane (C21)	13.135	2467069	20.066 ug/ml
13) T n-Docosane (C22)	13.718	2487640	20.174 ug/ml
14) T n-Tetracosane (C24)	14.817	2515498	20.333 ug/ml
15) T n-Hexacosane (C26)	15.833	2423304	19.688 ug/ml
16) T n-Octacosane (C28)	16.779	2376863	19.305 ug/ml
17) T n-Tricontane (C30)	17.662	2294359	18.984 ug/ml
18) T n-Dotriacontane (C32)	18.490	2109301	18.759 ug/ml
19) T n-Tetratriacontane (C34)	19.269	1916024	18.255 ug/ml
20) T n-Hexatriacontane (C36)	20.004	1800147	18.792 ug/ml
21) T n-Octatriacontane (C38)	20.726	1726684	19.439 ug/ml
22) T n-Tetracontane (C40)	21.604	1755657	20.004 ug/ml

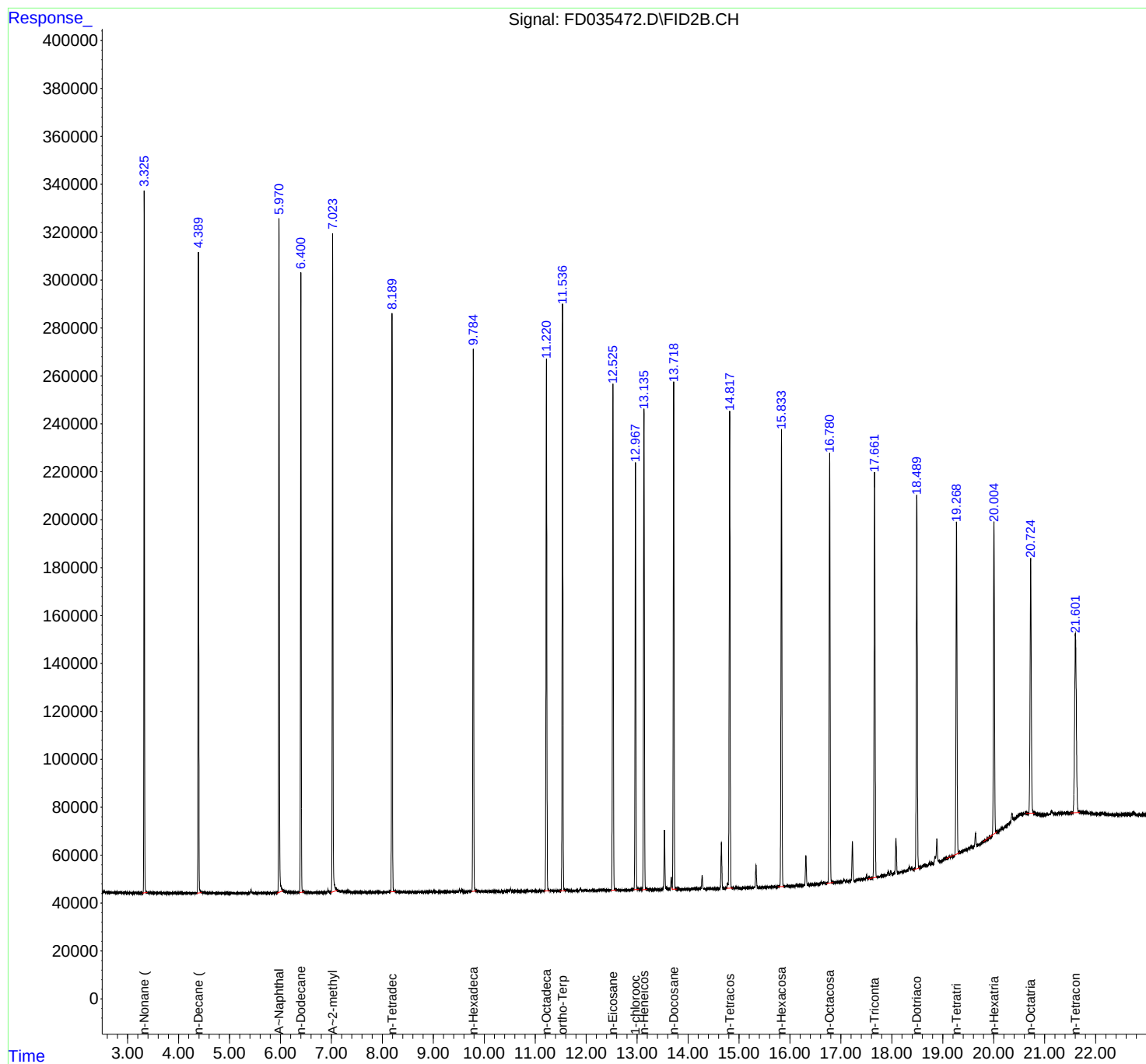
(f)=RT Delta > 1/2 Window

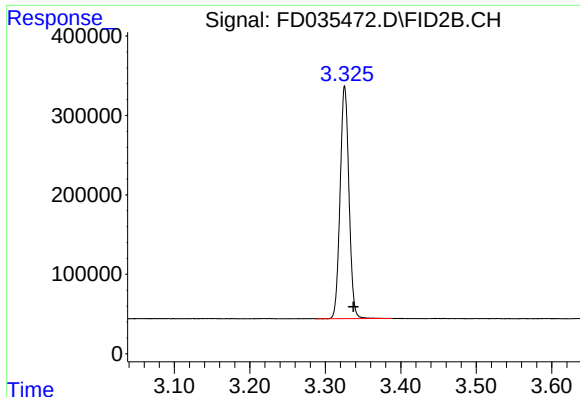
(m)=manual int.

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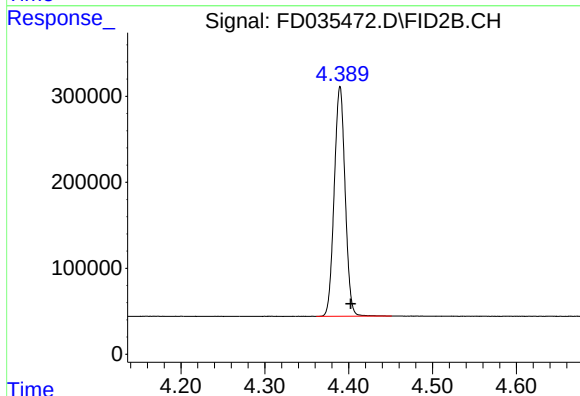
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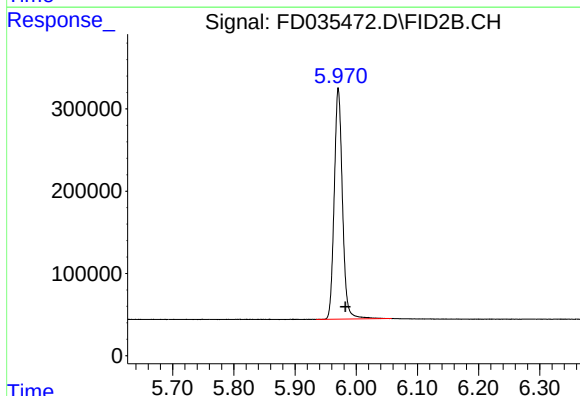
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.011 min
Response: 2392627
Conc: 21.25 ug/ml



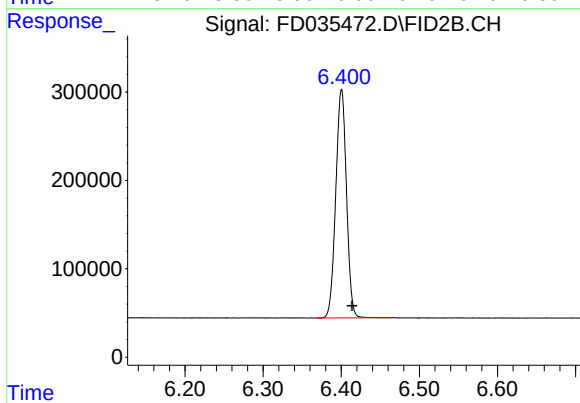
#2 n-Decane (C10)

R.T.: 4.390 min
Delta R.T.: -0.013 min
Response: 2419574
Conc: 21.41 ug/ml



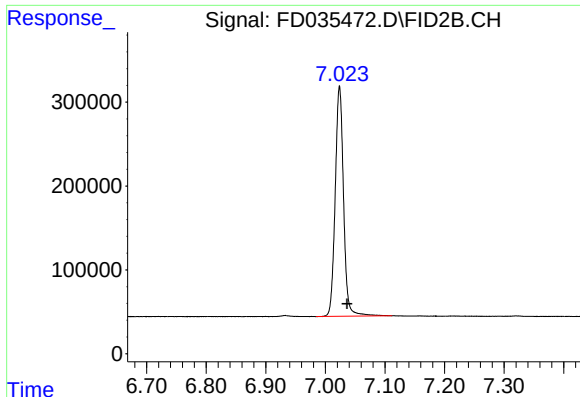
#3 A~Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.012 min
Response: 2631042
Conc: 21.51 ug/ml



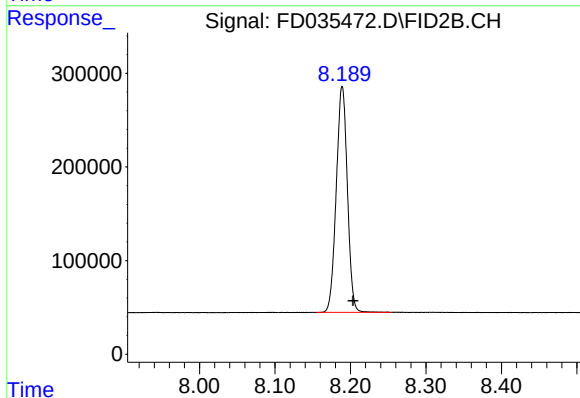
#4 n-Dodecane (C12)

R.T.: 6.400 min
Delta R.T.: -0.013 min
Response: 2469429
Conc: 21.36 ug/ml



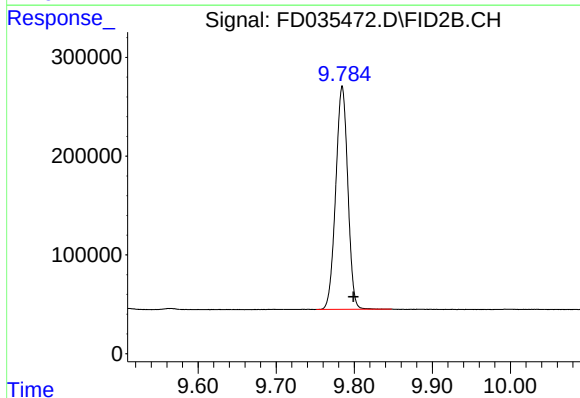
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.013 min
Response: 2676415
Conc: 21.39 ug/ml



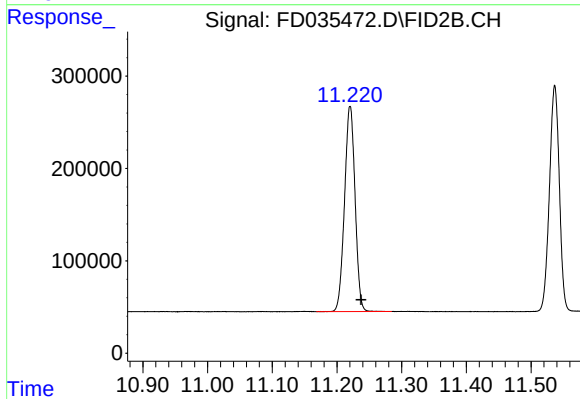
#6 n-Tetradecane (C14)

R.T.: 8.189 min
Delta R.T.: -0.014 min
Response: 2475603
Conc: 21.50 ug/ml



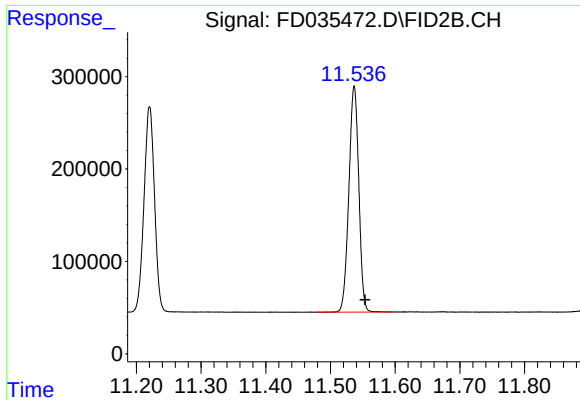
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.015 min
Response: 2428064
Conc: 21.25 ug/ml



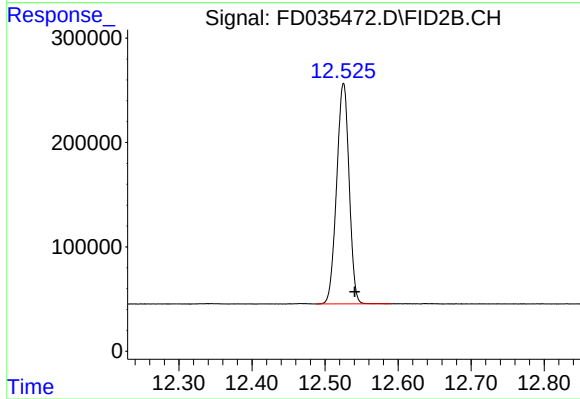
#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.017 min
Response: 2515705
Conc: 20.85 ug/ml



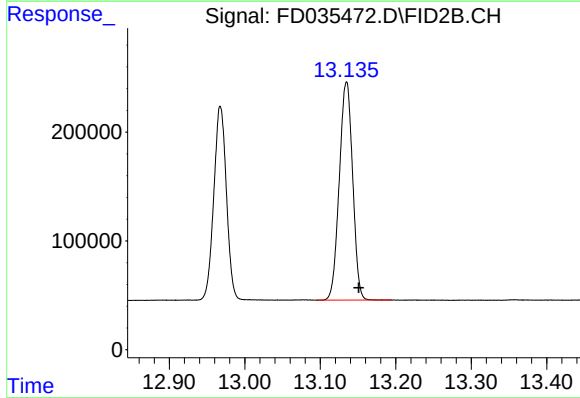
#9 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.016 min
Response: 2605808
Conc: 20.03 ug/ml



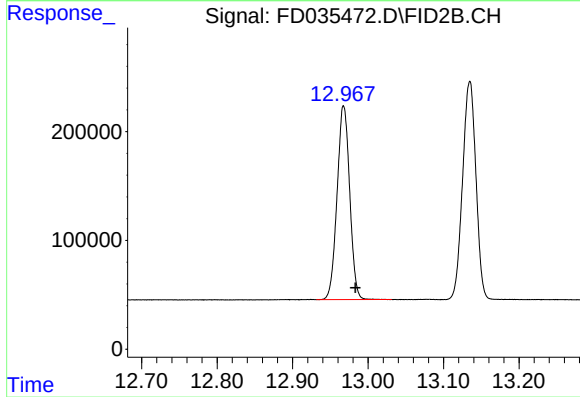
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: -0.016 min
Response: 2507525
Conc: 20.45 ug/ml



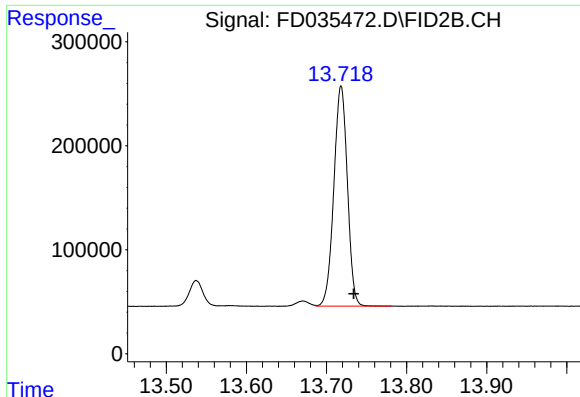
#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.016 min
Response: 2467069
Conc: 20.07 ug/ml



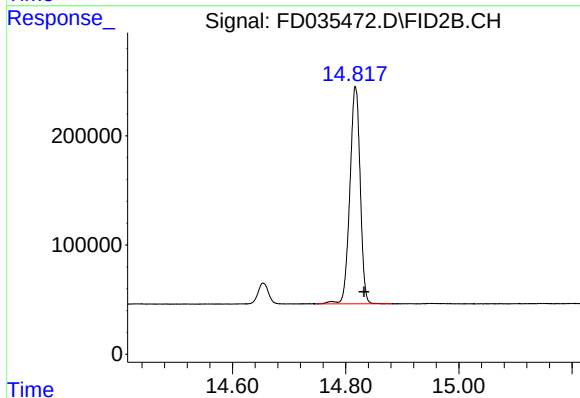
#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.016 min
Response: 2072530
Conc: 19.89 ug/ml



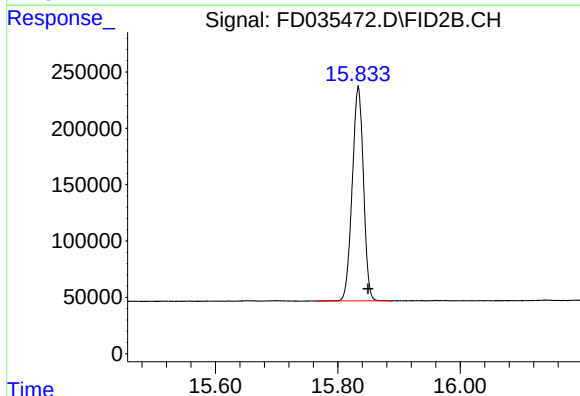
#13 n-Docosane (C22)

R.T.: 13.718 min
Delta R.T.: -0.016 min
Response: 2487640
Conc: 20.17 ug/ml



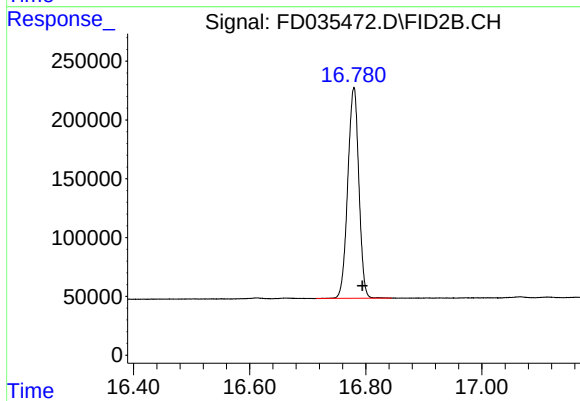
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: -0.015 min
Response: 2515498
Conc: 20.33 ug/ml



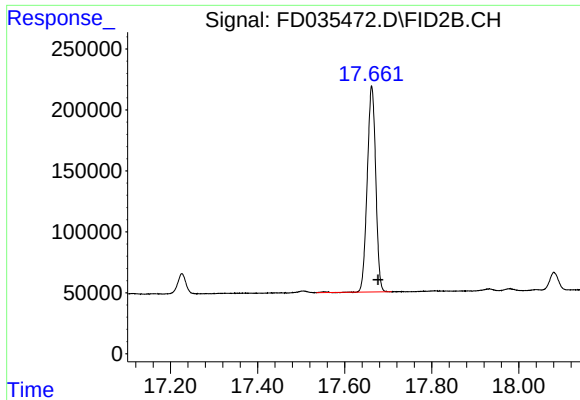
#15 n-Hexacosane (C26)

R.T.: 15.833 min
Delta R.T.: -0.016 min
Response: 2423304
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.779 min
Delta R.T.: -0.015 min
Response: 2376863
Conc: 19.31 ug/ml



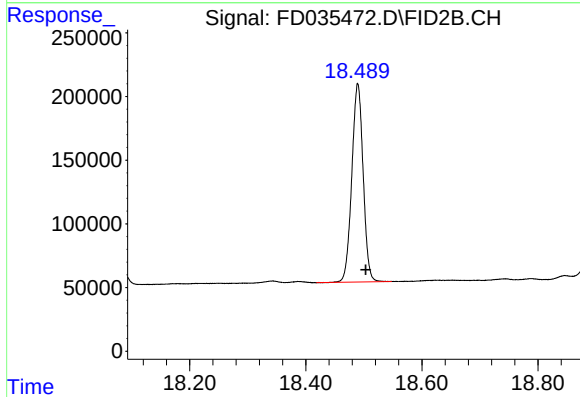
#17 n-Tricontane (C30)

R.T.: 17.662 min

Delta R.T.: -0.014 min

Response: 2294359

Conc: 18.98 ug/ml



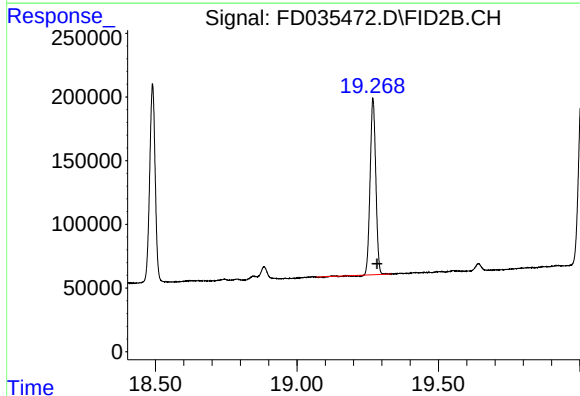
#18 n-Dotriacontane (C32)

R.T.: 18.490 min

Delta R.T.: -0.014 min

Response: 2109301

Conc: 18.76 ug/ml



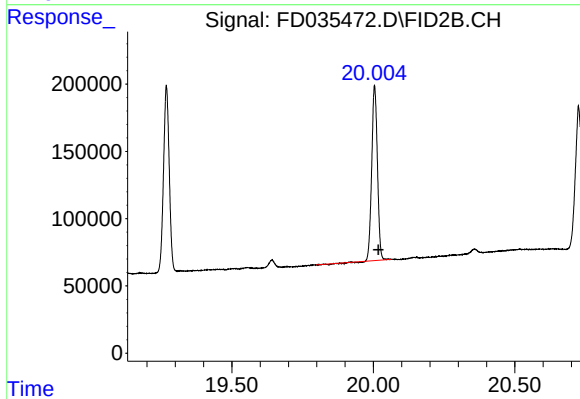
#19 n-Tetratriacontane (C34)

R.T.: 19.269 min

Delta R.T.: -0.015 min

Response: 1916024

Conc: 18.25 ug/ml



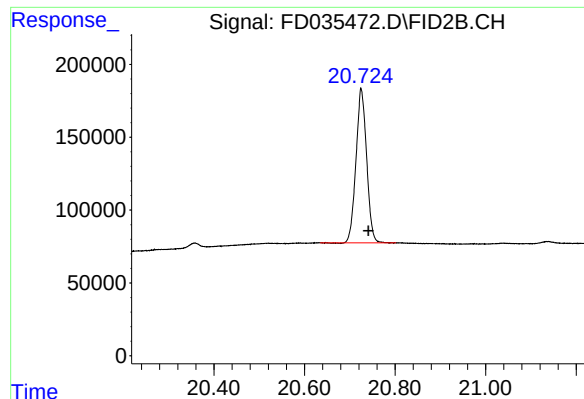
#20 n-Hexatriacontane (C36)

R.T.: 20.004 min

Delta R.T.: -0.013 min

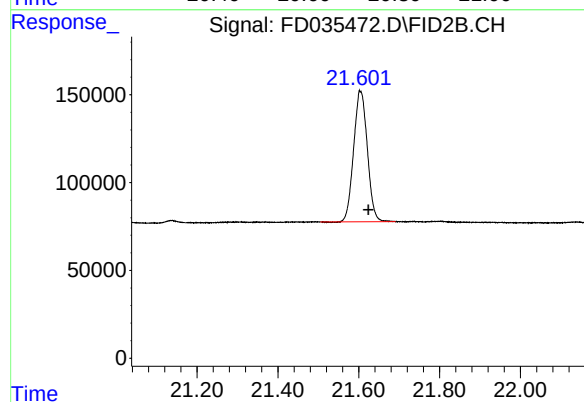
Response: 1800147

Conc: 18.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: -0.015 min
Response: 1726684
Conc: 19.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: -0.020 min
Response: 1755657
Conc: 20.00 ug/ml