

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040821AL\
 Data File : FD036796.D
 Signal(s) : FID2B.CH
 Acq On : 09 Apr 2021 1:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 02:26:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 2021
 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)	11.490	2772344	18.710 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
12) S 1-chlorooctadecane (S...	12.923	2128456	18.289 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
Target Compounds			
1) T n-Nonane (C9)	3.290	2694758	21.199 ug/ml
2) T n-Decane (C10)	4.352	2747099	21.320 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3073897	21.053 ug/ml
4) T n-Dodecane (C12)	6.361	2821042	21.281 ug/ml
5) T A~2-methylnaphthalene...	6.979	3115714	20.809 ug/ml
6) T n-Tetradecane (C14)	8.149	2804368	20.632 ug/ml
7) T n-Hexadecane (C16)	9.743	2700372	20.277 ug/ml
8) T n-Octadecane (C18)	11.178	2710133	19.565 ug/ml
10) T n-Eicosane (C20)	12.482	2605818	18.851 ug/ml
11) T n-Heneicosane (C21)	13.091	2523573	18.330 ug/ml
13) T n-Docosane (C22)	13.674	2499743	18.377 ug/ml
14) T n-Tetracosane (C24)	14.772	2433019	18.351 ug/ml
15) T n-Hexacosane (C26)	15.787	2332139	18.419 ug/ml
16) T n-Octacosane (C28)	16.732	2276904	18.879 ug/ml
17) T n-Tricontane (C30)	17.613	2241823	19.515 ug/ml
18) T n-Dotriacontane (C32)	18.441	2175840	19.782 ug/ml
19) T n-Tetratriacontane (C34)	19.221	2096514	20.413 ug/ml
20) T n-Hexatriacontane (C36)	19.955	2017198	20.646 ug/ml
21) T n-Octatriacontane (C38)	20.666	1978494	21.399 ug/ml
22) T n-Tetracontane (C40)	21.518	2014830	19.976 ug/ml

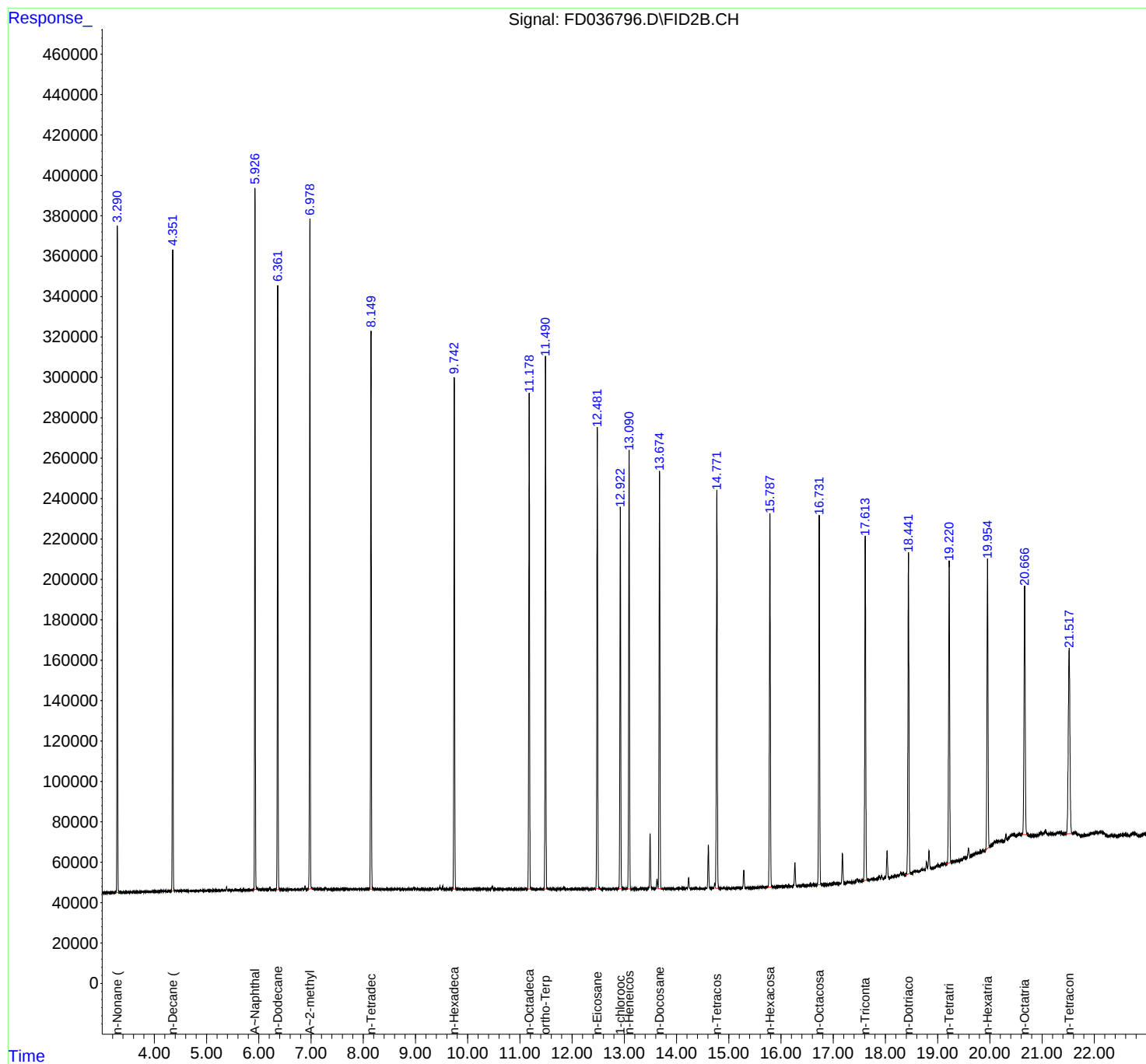
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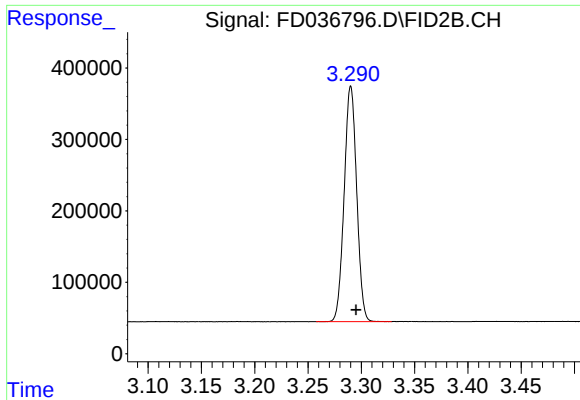
(m)=manual int.

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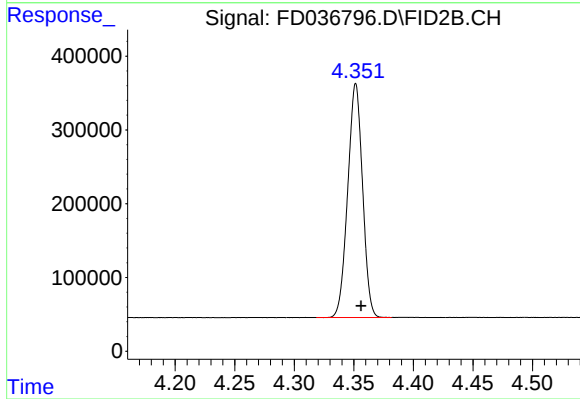
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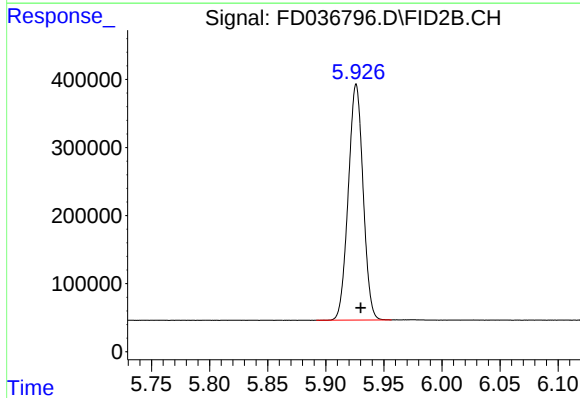
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 2694758
Conc: 21.20 ug/ml



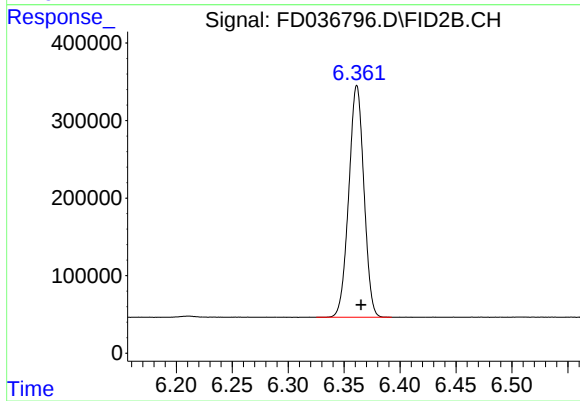
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 2747099
Conc: 21.32 ug/ml



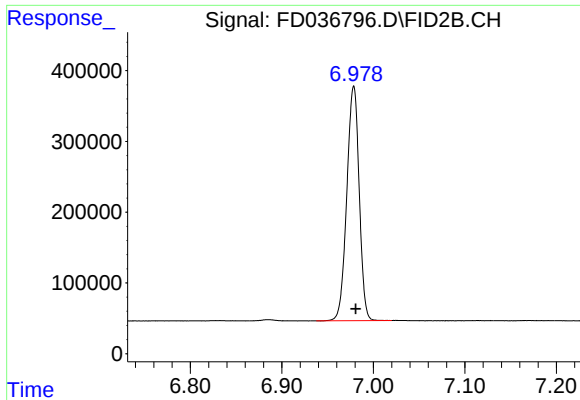
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.004 min
Response: 3073897
Conc: 21.05 ug/ml



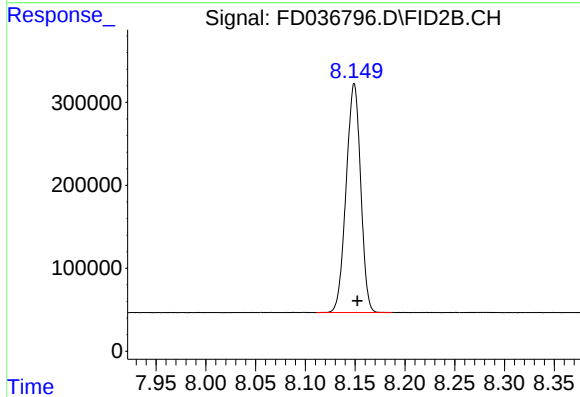
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: -0.004 min
Response: 2821042
Conc: 21.28 ug/ml



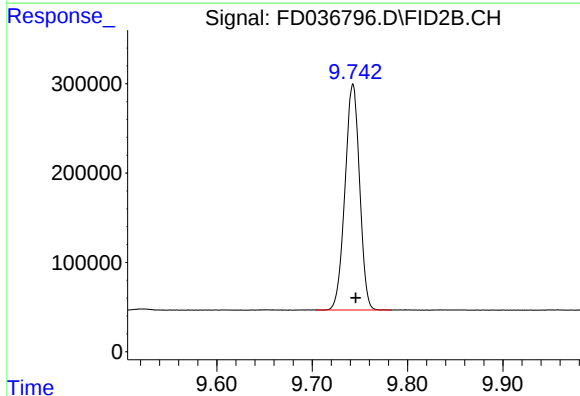
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 3115714
Conc: 20.81 ug/ml



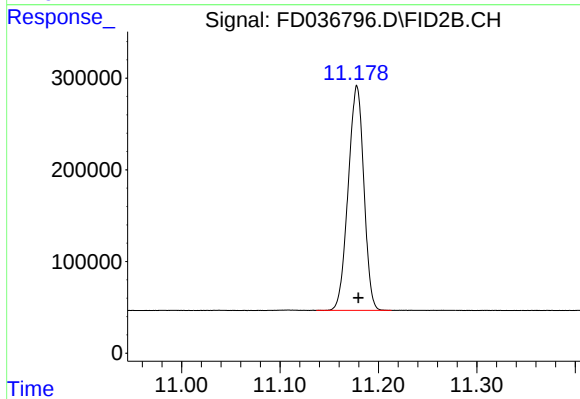
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: -0.003 min
Response: 2804368
Conc: 20.63 ug/ml



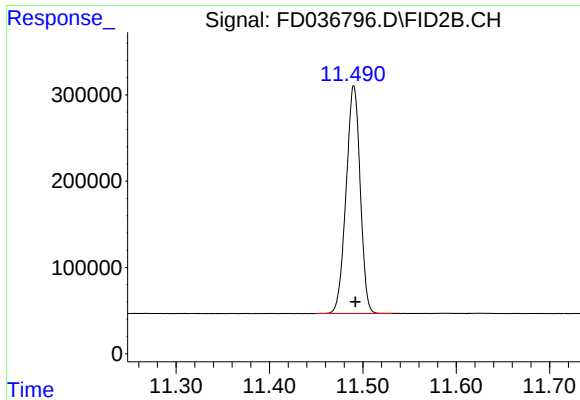
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: -0.003 min
Response: 2700372
Conc: 20.28 ug/ml



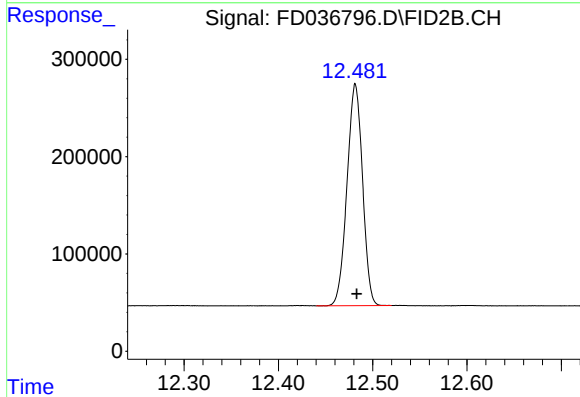
#8 n-Octadecane (C18)

R.T.: 11.178 min
Delta R.T.: -0.001 min
Response: 2710133
Conc: 19.57 ug/ml



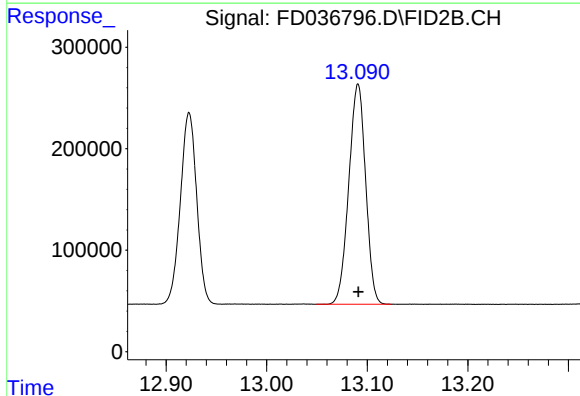
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.002 min
Response: 2772344
Conc: 18.71 ug/ml



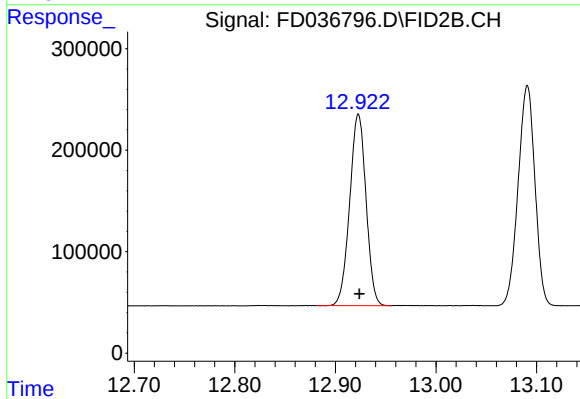
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: -0.001 min
Response: 2605818
Conc: 18.85 ug/ml



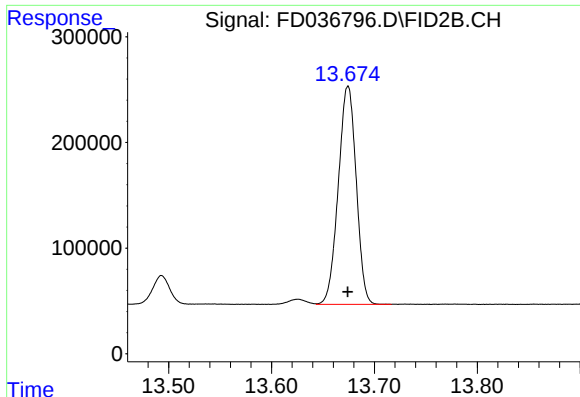
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: 0.000 min
Response: 2523573
Conc: 18.33 ug/ml



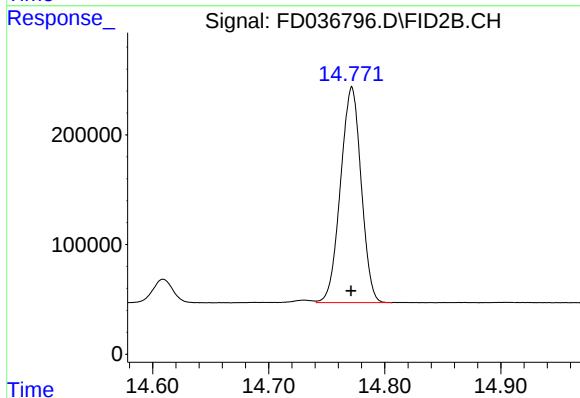
#12 1-chlorooctadecane (SURR)

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 2128456
Conc: 18.29 ug/ml



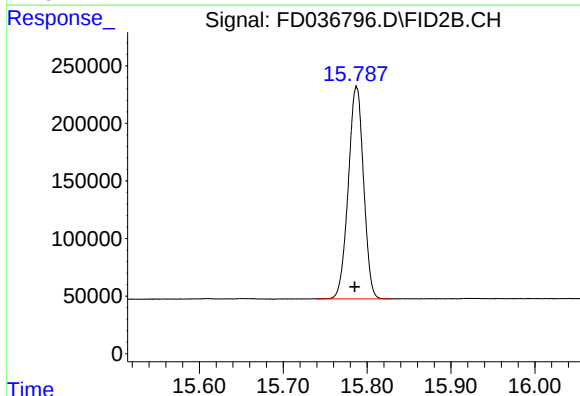
#13 n-Docosane (C22)

R.T.: 13.674 min
Delta R.T.: 0.000 min
Response: 2499743
Conc: 18.38 ug/ml



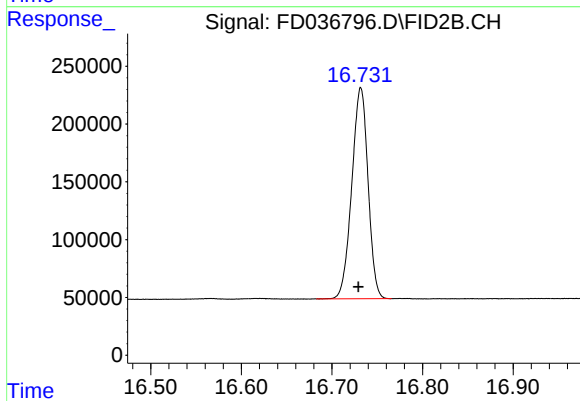
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: 0.000 min
Response: 2433019
Conc: 18.35 ug/ml



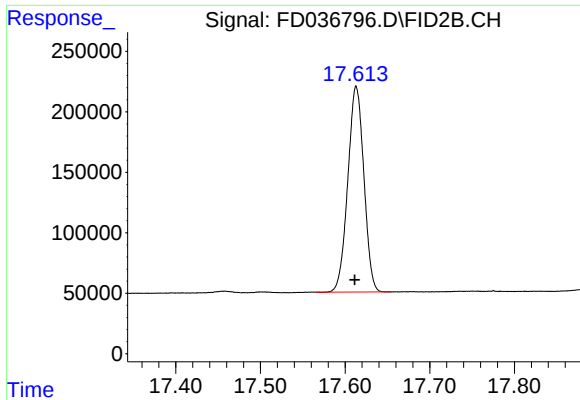
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: 0.002 min
Response: 2332139
Conc: 18.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: 0.003 min
Response: 2276904
Conc: 18.88 ug/ml



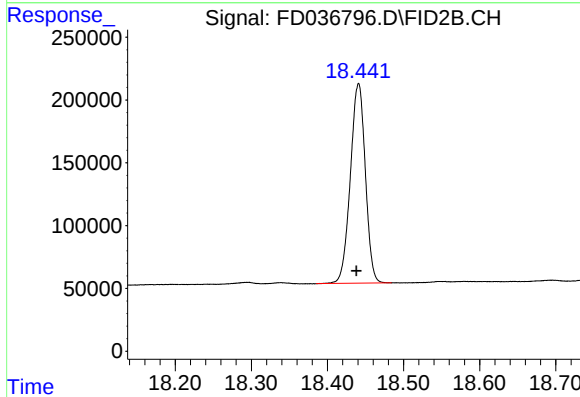
#17 n-Tricontane (C30)

R.T.: 17.613 min

Delta R.T.: 0.002 min

Response: 2241823

Conc: 19.52 ug/ml



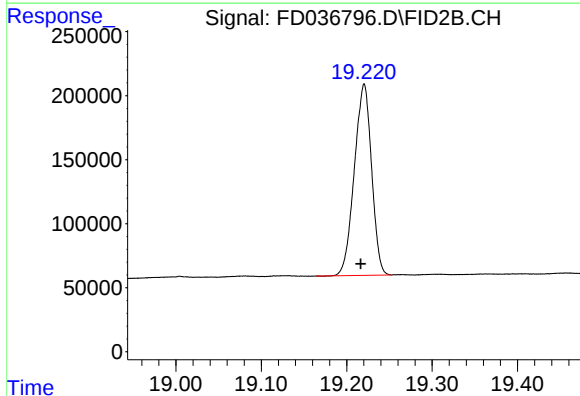
#18 n-Dotriacontane (C32)

R.T.: 18.441 min

Delta R.T.: 0.003 min

Response: 2175840

Conc: 19.78 ug/ml



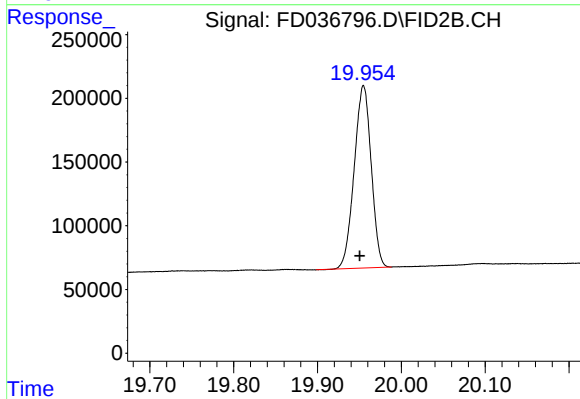
#19 n-Tetratriacontane (C34)

R.T.: 19.221 min

Delta R.T.: 0.004 min

Response: 2096514

Conc: 20.41 ug/ml



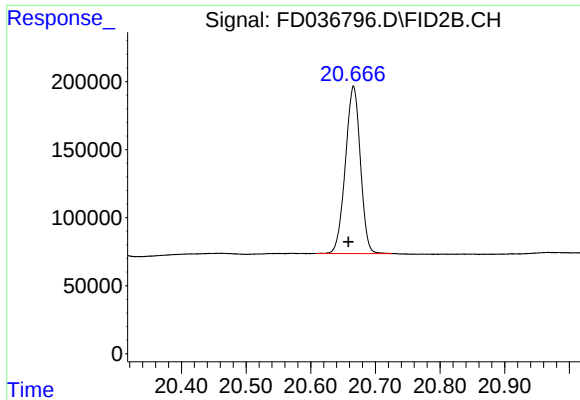
#20 n-Hexatriacontane (C36)

R.T.: 19.955 min

Delta R.T.: 0.005 min

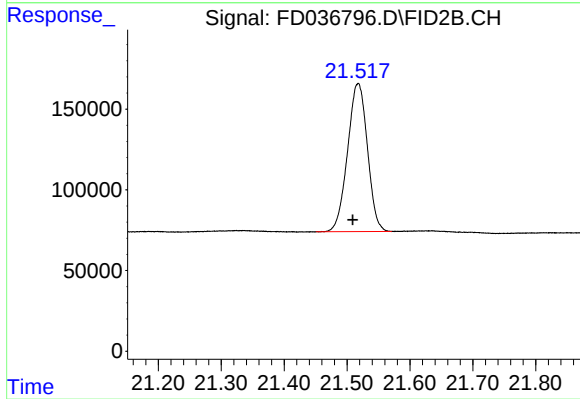
Response: 2017198

Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.666 min
Delta R.T.: 0.008 min
Response: 1978494
Conc: 21.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.518 min
Delta R.T.: 0.009 min
Response: 2014830
Conc: 19.98 ug/ml