

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051221AL\
 Data File : FD037478.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2021 15:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 13 02:01:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.461	2565064	21.968 ug/ml
Spiked Amount 50.000		Recovery =	43.94%
12) S 1-chlorooctadecane (S...	12.895	1867735	22.077 ug/ml
Spiked Amount 50.000		Recovery =	44.15%
Target Compounds			
1) T n-Nonane (C9)	3.264	2642191	22.424 ug/ml
2) T n-Decane (C10)	4.325	2677055	22.573 ug/ml
3) T A~Naphthalene (C11.7)	5.897	2920512	22.255 ug/ml
4) T n-Dodecane (C12)	6.334	2692933	22.677 ug/ml
5) T A~2-methylnaphthalene...	6.949	2892178	22.057 ug/ml
6) T n-Tetradecane (C14)	8.121	2631548	22.733 ug/ml
7) T n-Hexadecane (C16)	9.715	2490532	22.653 ug/ml
8) T n-Octadecane (C18)	11.151	2476502	22.587 ug/ml
10) T n-Eicosane (C20)	12.453	2374154	22.382 ug/ml
11) T n-Heneicosane (C21)	13.063	2317811	22.062 ug/ml
13) T n-Docosane (C22)	13.646	2316549	22.535 ug/ml
14) T n-Tetracosane (C24)	14.743	2361140	23.310 ug/ml
15) T n-Hexacosane (C26)	15.758	2342446	23.983 ug/ml
16) T n-Octacosane (C28)	16.703	2379927	24.759 ug/ml
17) T n-Tricontane (C30)	17.585	2416608	25.129 ug/ml
18) T n-Dotriacontane (C32)	18.414	2392924	24.330 ug/ml
19) T n-Tetratriacontane (C34)	19.192	2292777	24.155 ug/ml
20) T n-Hexatriacontane (C36)	19.927	2162942	22.967 ug/ml
21) T n-Octatriacontane (C38)	20.635	2003510	23.271 ug/ml
22) T n-Tetracontane (C40)	21.481	2016339	21.015 ug/ml

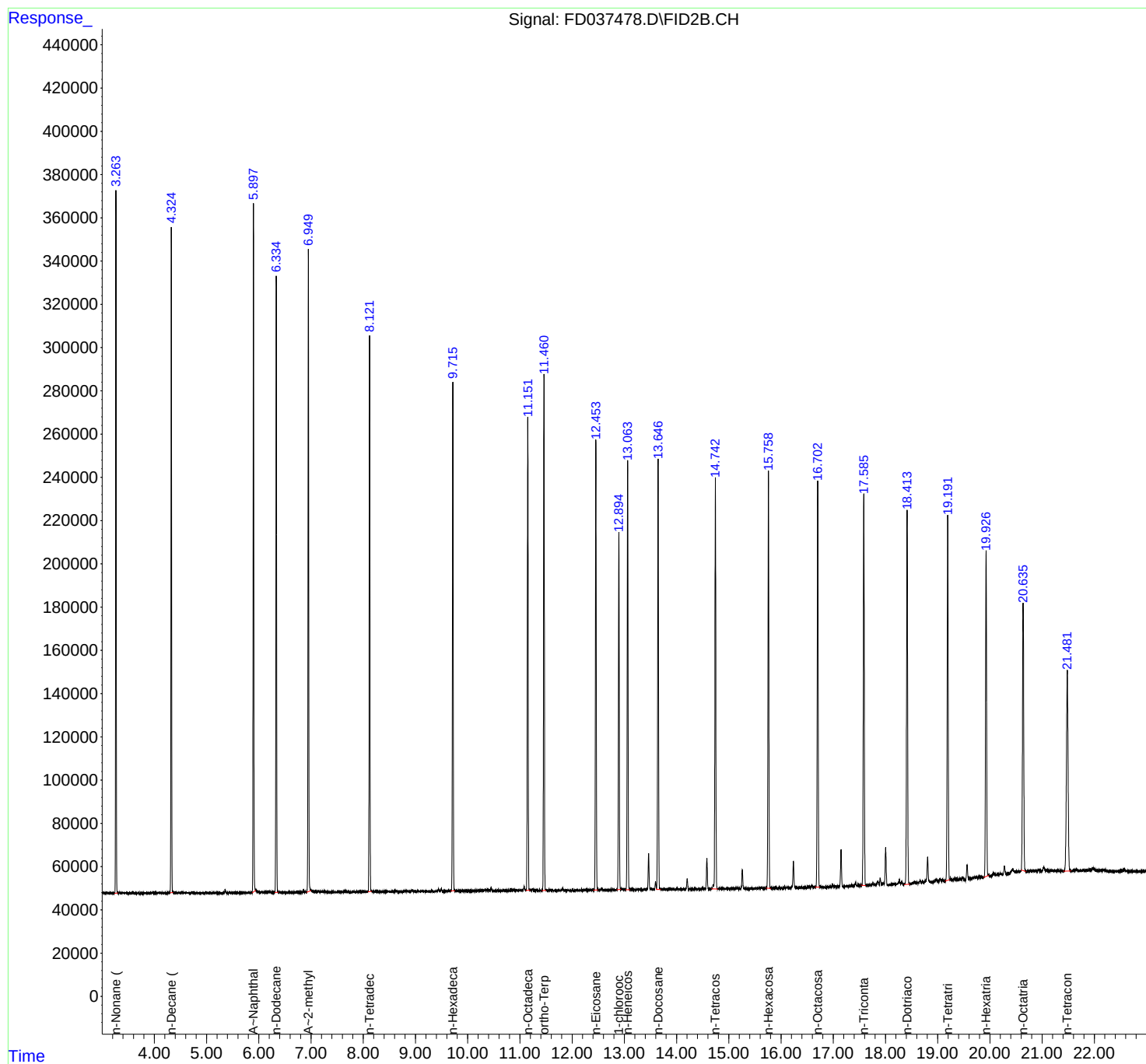
(f)=RT Delta > 1/2 Window

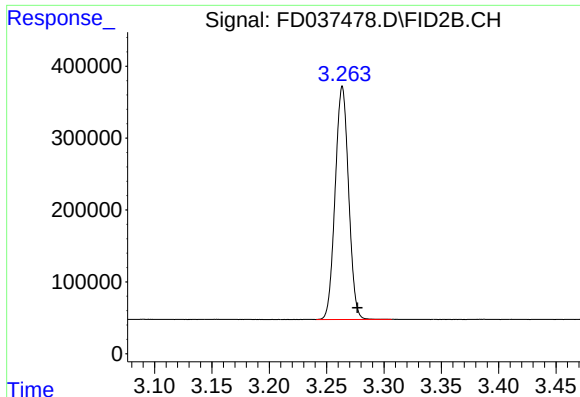
(m)=manual int.

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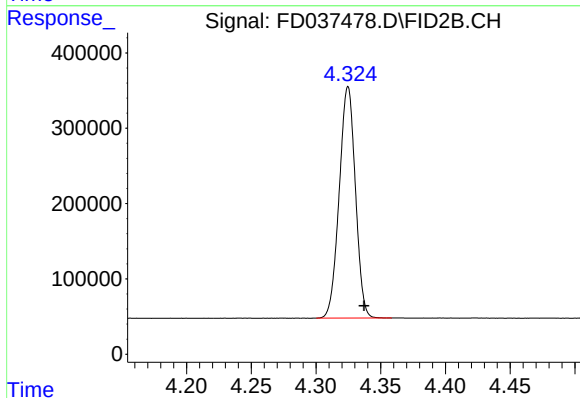
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Signal Info : 20M x 0.18mm x 0.18um





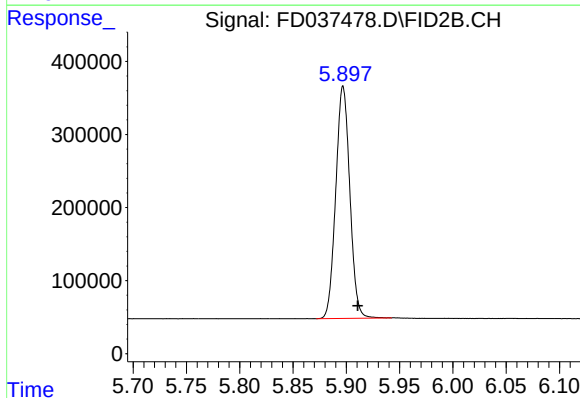
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.013 min
Response: 2642191
Conc: 22.42 ug/ml



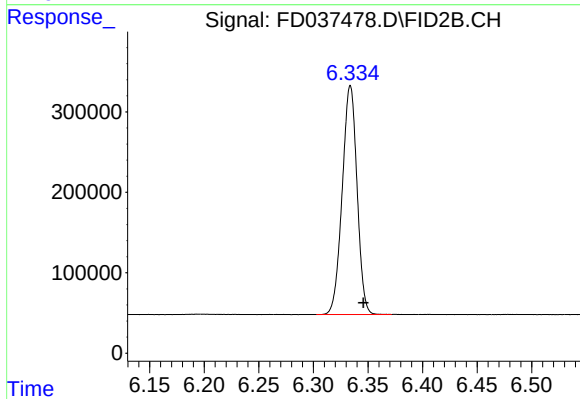
#2 n-Decane (C10)

R.T.: 4.325 min
Delta R.T.: -0.012 min
Response: 2677055
Conc: 22.57 ug/ml



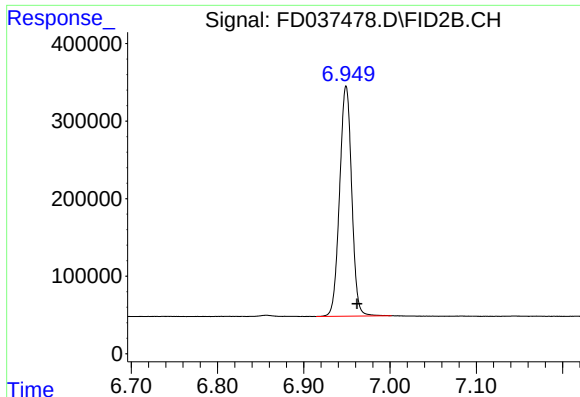
#3 A~Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: -0.014 min
Response: 2920512
Conc: 22.25 ug/ml



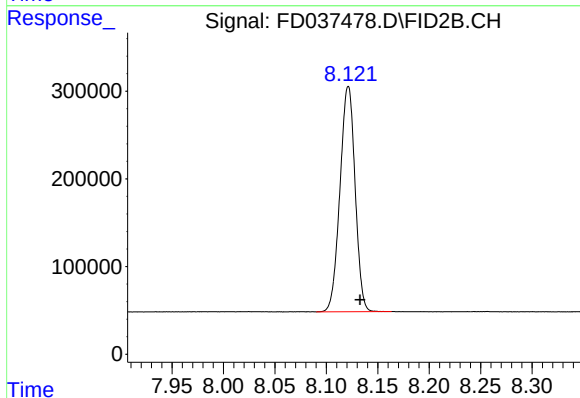
#4 n-Dodecane (C12)

R.T.: 6.334 min
Delta R.T.: -0.012 min
Response: 2692933
Conc: 22.68 ug/ml



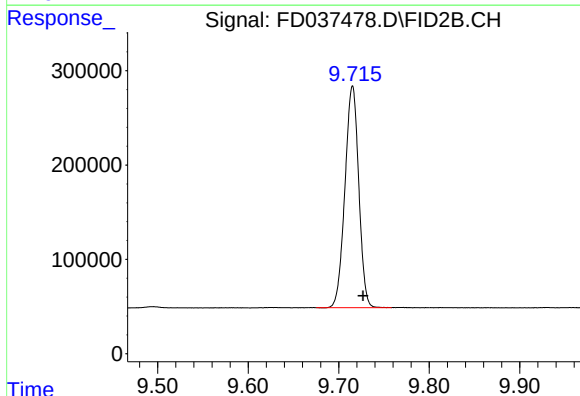
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.949 min
Delta R.T.: -0.013 min
Response: 2892178
Conc: 22.06 ug/ml



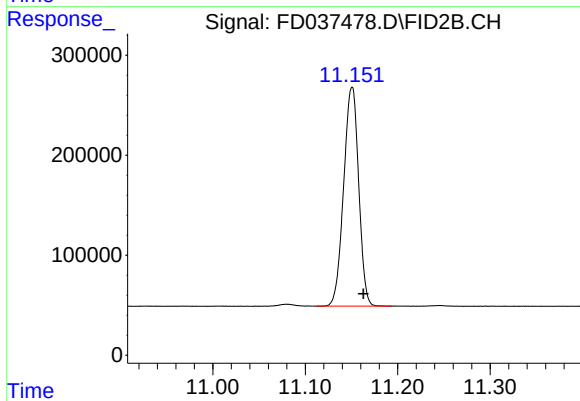
#6 n-Tetradecane (C14)

R.T.: 8.121 min
Delta R.T.: -0.011 min
Response: 2631548
Conc: 22.73 ug/ml



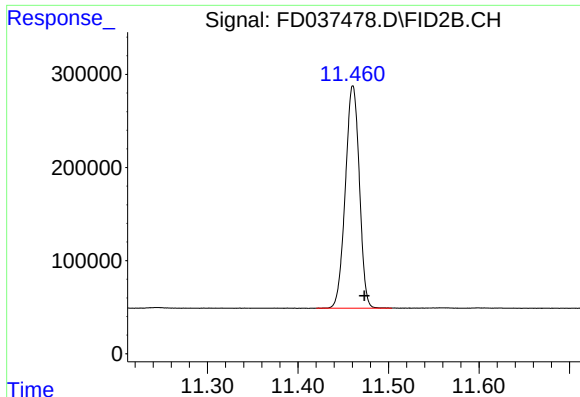
#7 n-Hexadecane (C16)

R.T.: 9.715 min
Delta R.T.: -0.012 min
Response: 2490532
Conc: 22.65 ug/ml



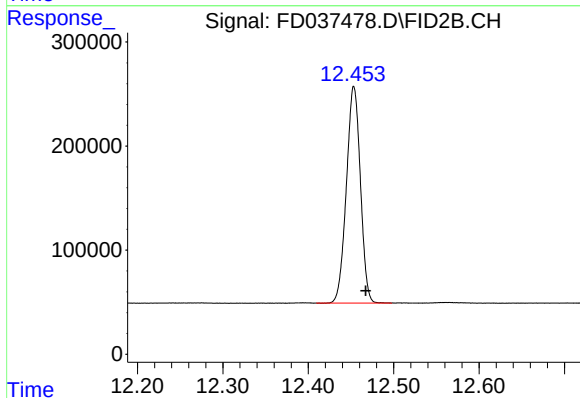
#8 n-Octadecane (C18)

R.T.: 11.151 min
Delta R.T.: -0.012 min
Response: 2476502
Conc: 22.59 ug/ml



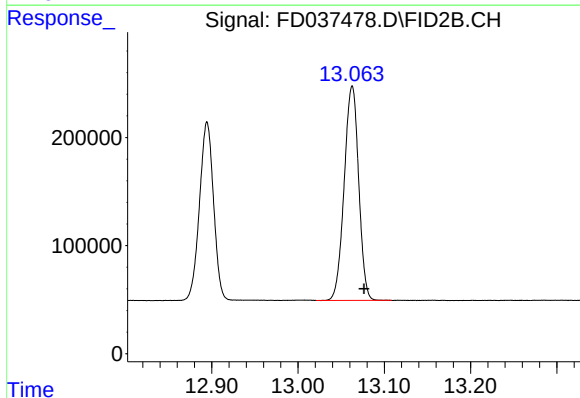
#9 ortho-Terphenyl (SURR)

R.T.: 11.461 min
Delta R.T.: -0.013 min
Response: 2565064
Conc: 21.97 ug/ml



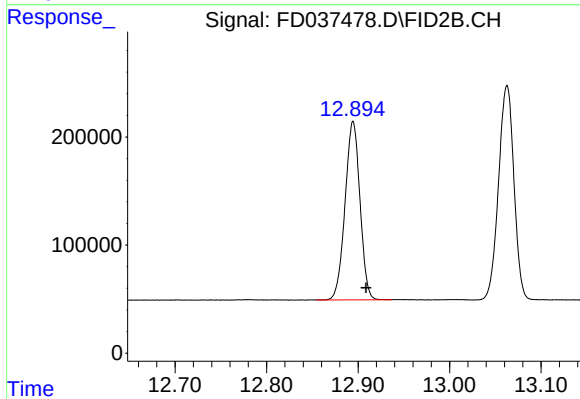
#10 n-Eicosane (C20)

R.T.: 12.453 min
Delta R.T.: -0.014 min
Response: 2374154
Conc: 22.38 ug/ml



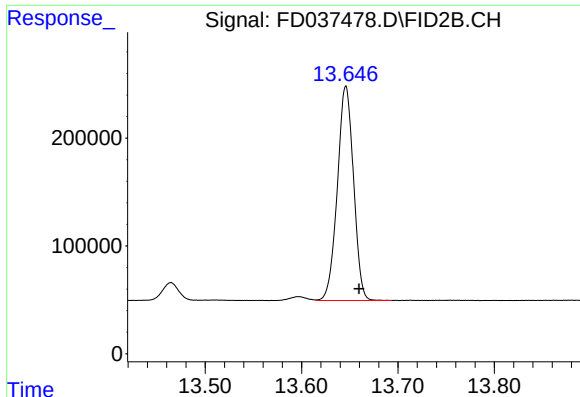
#11 n-Heneicosane (C21)

R.T.: 13.063 min
Delta R.T.: -0.014 min
Response: 2317811
Conc: 22.06 ug/ml



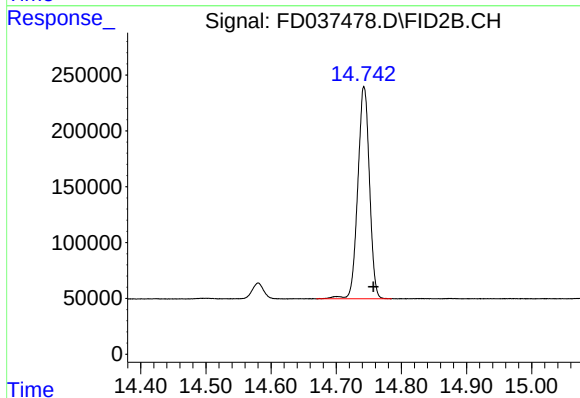
#12 1-chlorooctadecane (SURR)

R.T.: 12.895 min
Delta R.T.: -0.014 min
Response: 1867735
Conc: 22.08 ug/ml



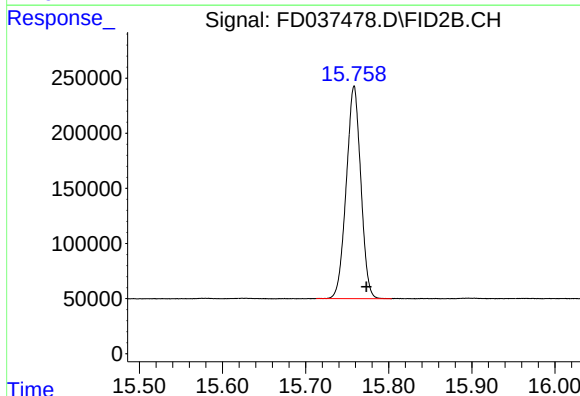
#13 n-Docosane (C22)

R.T.: 13.646 min
Delta R.T.: -0.014 min
Response: 2316549
Conc: 22.53 ug/ml



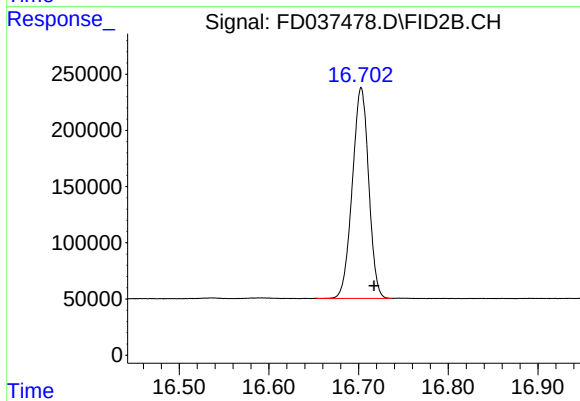
#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: -0.015 min
Response: 2361140
Conc: 23.31 ug/ml



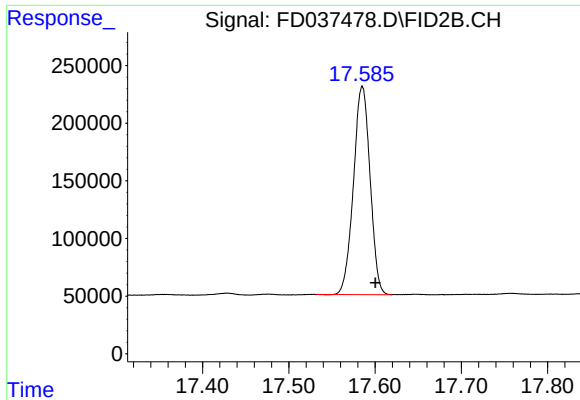
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: -0.015 min
Response: 2342446
Conc: 23.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.703 min
Delta R.T.: -0.014 min
Response: 2379927
Conc: 24.76 ug/ml



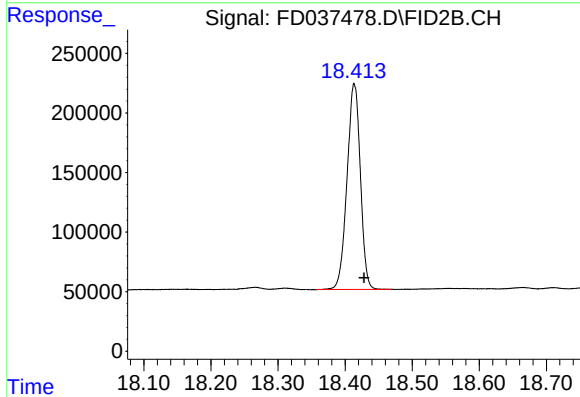
#17 n-Tricontane (C30)

R.T.: 17.585 min

Delta R.T.: -0.015 min

Response: 2416608

Conc: 25.13 ug/ml



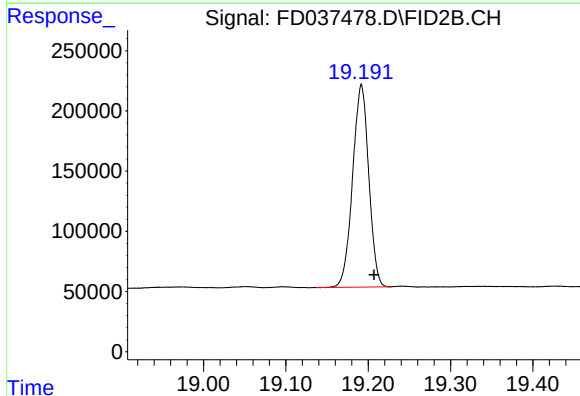
#18 n-Dotriacontane (C32)

R.T.: 18.414 min

Delta R.T.: -0.014 min

Response: 2392924

Conc: 24.33 ug/ml



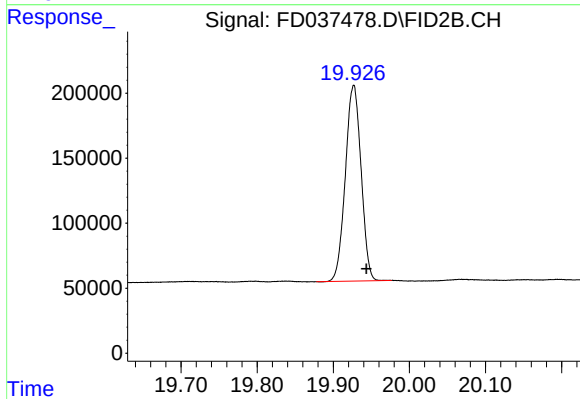
#19 n-Tetratriacontane (C34)

R.T.: 19.192 min

Delta R.T.: -0.015 min

Response: 2292777

Conc: 24.16 ug/ml



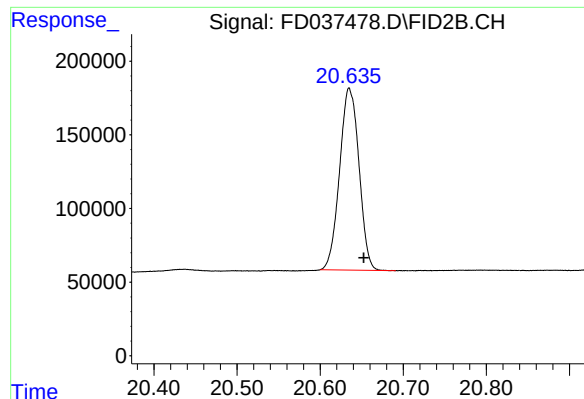
#20 n-Hexatriacontane (C36)

R.T.: 19.927 min

Delta R.T.: -0.017 min

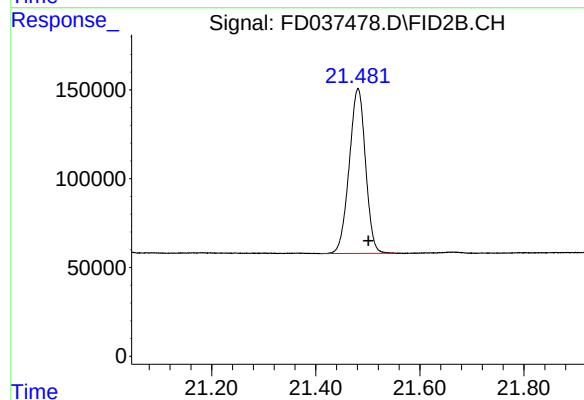
Response: 2162942

Conc: 22.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.635 min
Delta R.T.: -0.018 min
Response: 2003510
Conc: 23.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.481 min
Delta R.T.: -0.020 min
Response: 2016339
Conc: 21.01 ug/ml