

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070220AL\
 Data File : FD033903.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jul 2020 14:30
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 04 00:40:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:06:59 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)	11.450	2885280	20.189 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	12.880	2316191	19.699 ug/ml
Spiked Amount 50.000		Recovery =	39.40%
Target Compounds			
1) T n-Nonane (C9)	3.274	2702723	21.926 ug/ml
2) T n-Decane (C10)	4.331	2783544	22.366 ug/ml
3) T A~Naphthalene (C11.7)	5.902	2894410	22.334 ug/ml
4) T n-Dodecane (C12)	6.333	2853682	22.365 ug/ml
5) T A~2-methylnaphthalene...	6.952	2933042	22.045 ug/ml
6) T n-Tetradecane (C14)	8.115	2839198	22.023 ug/ml
7) T n-Hexadecane (C16)	9.705	2752194	21.686 ug/ml
8) T n-Octadecane (C18)	11.137	2800603	20.962 ug/ml
10) T n-Eicosane (C20)	12.439	2743889	20.155 ug/ml
11) T n-Heneicosane (C21)	13.047	2699124	19.772 ug/ml
13) T n-Docosane (C22)	13.630	2652262	19.418 ug/ml
14) T n-Tetracosane (C24)	14.726	2562389	18.745 ug/ml
15) T n-Hexacosane (C26)	15.741	2468727	18.205 ug/ml
16) T n-Octacosane (C28)	16.686	2435702	17.983 ug/ml
17) T n-Tricontane (C30)	17.569	2397448	18.128 ug/ml
18) T n-Dotriacontane (C32)	18.397	2228730	18.374 ug/ml
19) T n-Tetratriacontane (C34)	19.176	2078160	18.249 ug/ml
20) T n-Hexatriacontane (C36)	19.911	1971712	18.505 ug/ml
21) T n-Octatriacontane (C38)	20.619	1885192	18.980 ug/ml
22) T n-Tetracontane (C40)	21.455	1932207	19.736 ug/ml

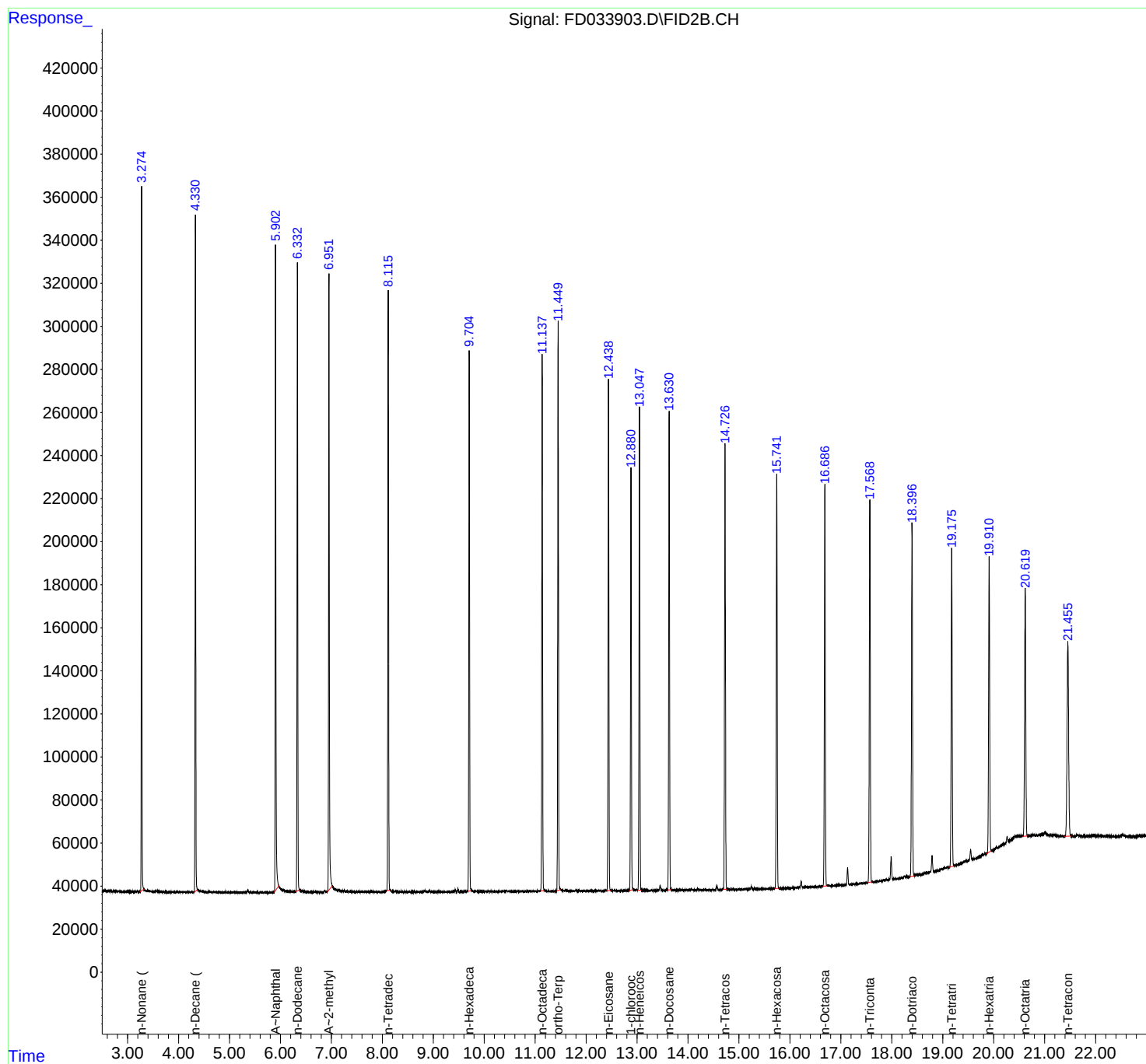
(f)=RT Delta > 1/2 Window

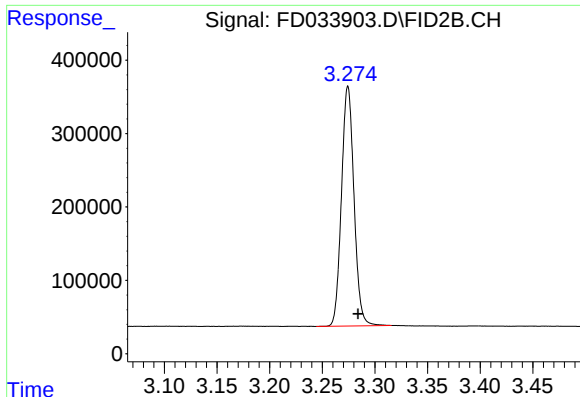
(m)=manual int.

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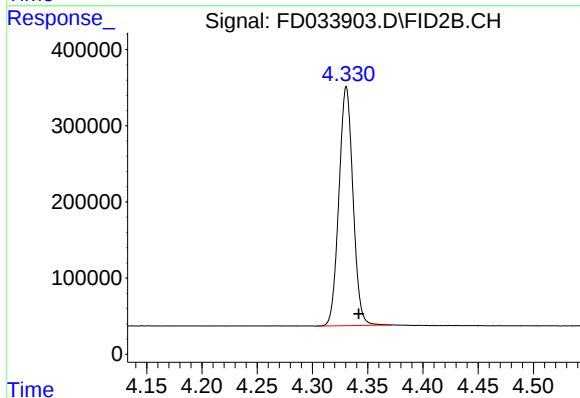
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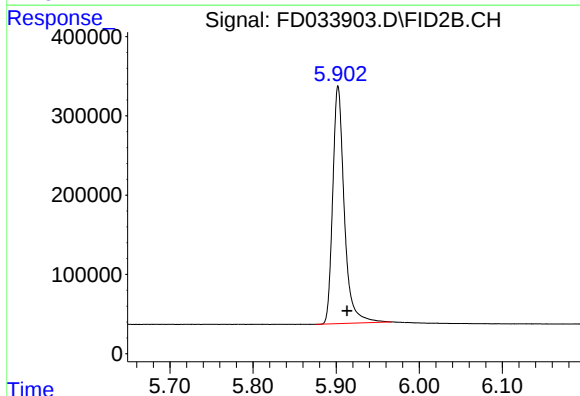
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: -0.010 min
Response: 2702723
Conc: 21.93 ug/ml



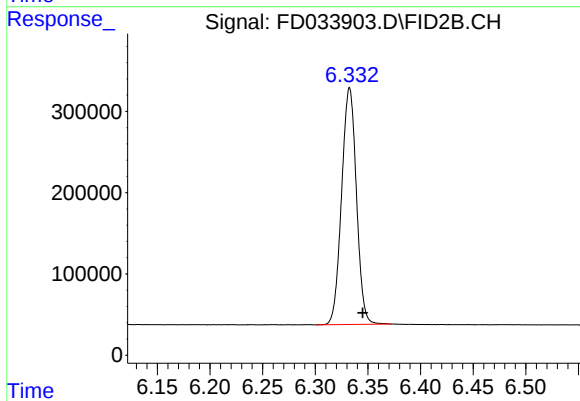
#2 n-Decane (C10)

R.T.: 4.331 min
Delta R.T.: -0.011 min
Response: 2783544
Conc: 22.37 ug/ml



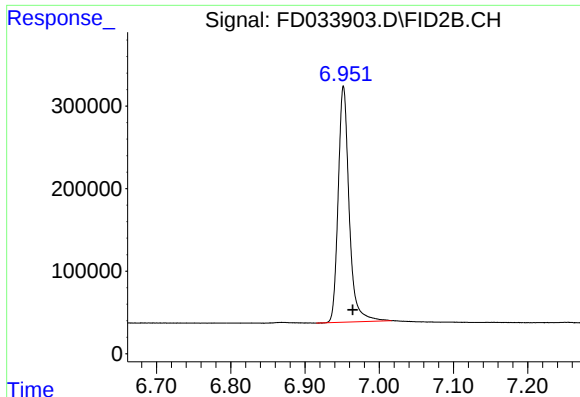
#3 A~Naphthalene (C11.7)

R.T.: 5.902 min
Delta R.T.: -0.011 min
Response: 2894410
Conc: 22.33 ug/ml



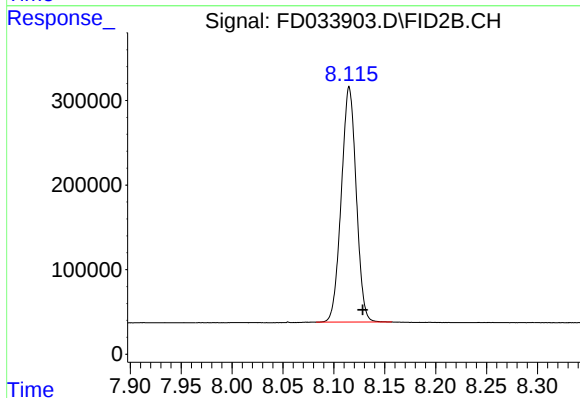
#4 n-Dodecane (C12)

R.T.: 6.333 min
Delta R.T.: -0.013 min
Response: 2853682
Conc: 22.37 ug/ml



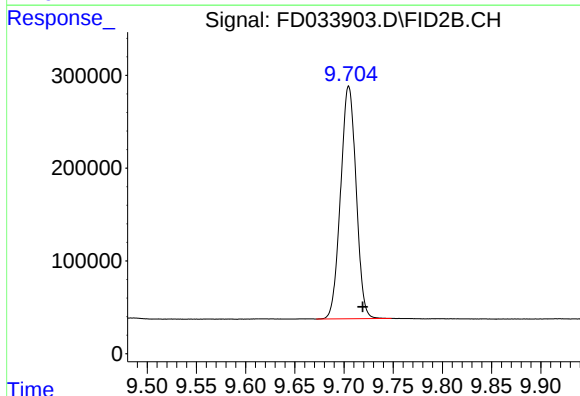
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.952 min
Delta R.T.: -0.012 min
Response: 2933042
Conc: 22.05 ug/ml



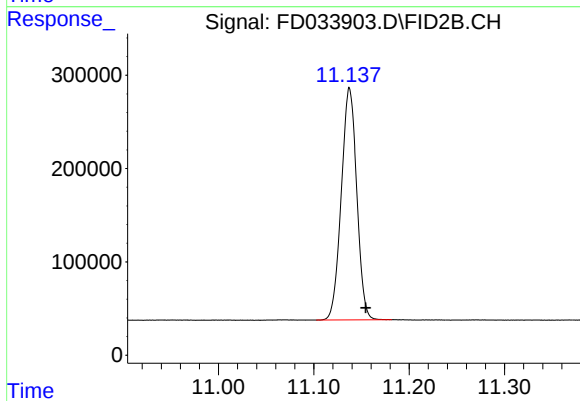
#6 n-Tetradecane (C14)

R.T.: 8.115 min
Delta R.T.: -0.013 min
Response: 2839198
Conc: 22.02 ug/ml



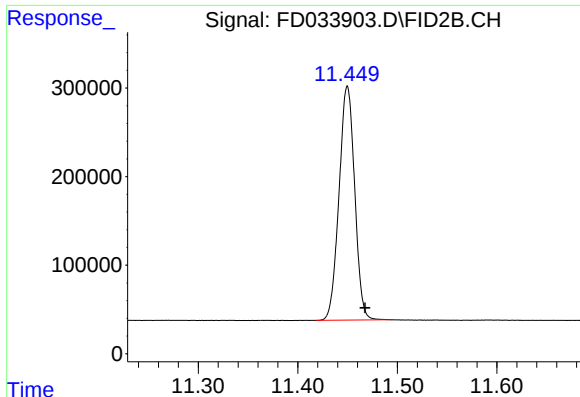
#7 n-Hexadecane (C16)

R.T.: 9.705 min
Delta R.T.: -0.014 min
Response: 2752194
Conc: 21.69 ug/ml



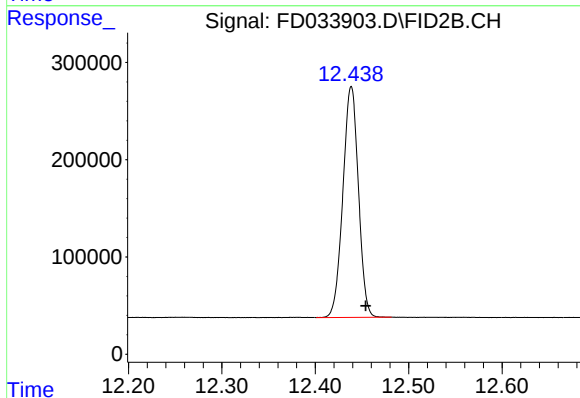
#8 n-Octadecane (C18)

R.T.: 11.137 min
Delta R.T.: -0.017 min
Response: 2800603
Conc: 20.96 ug/ml



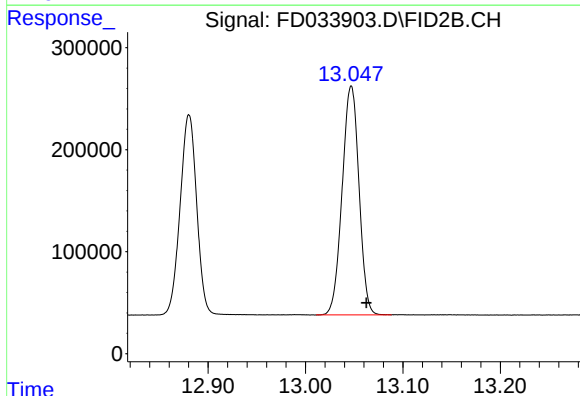
#9 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.018 min
Response: 2885280
Conc: 20.19 ug/ml



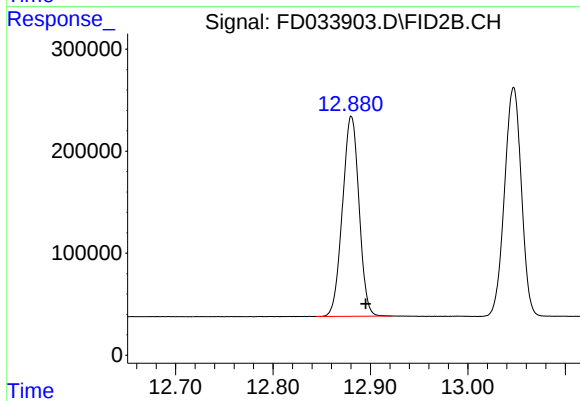
#10 n-Eicosane (C20)

R.T.: 12.439 min
Delta R.T.: -0.016 min
Response: 2743889
Conc: 20.16 ug/ml



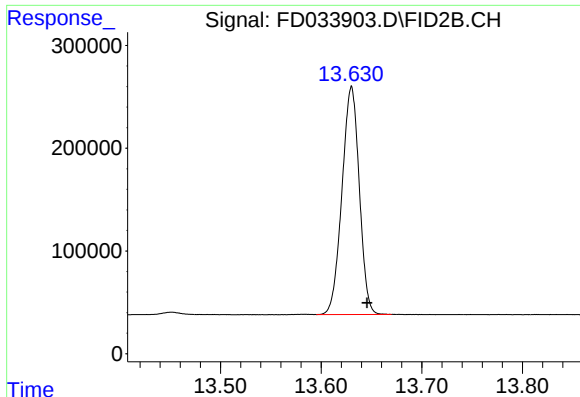
#11 n-Heneicosane (C21)

R.T.: 13.047 min
Delta R.T.: -0.016 min
Response: 2699124
Conc: 19.77 ug/ml



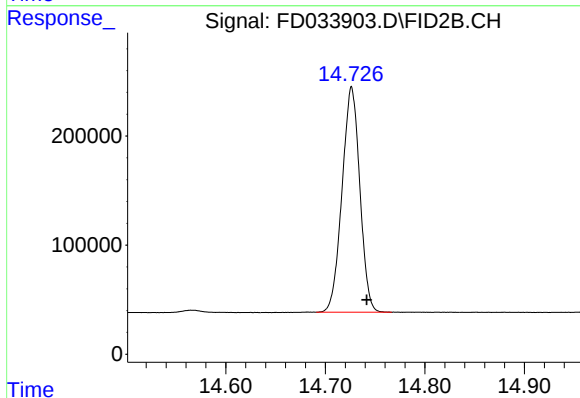
#12 1-chlorooctadecane (SURR)

R.T.: 12.880 min
Delta R.T.: -0.015 min
Response: 2316191
Conc: 19.70 ug/ml



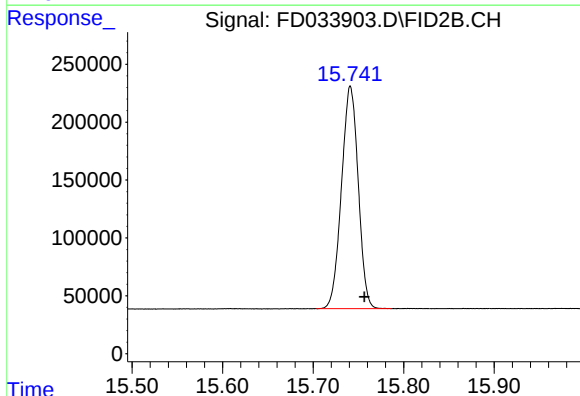
#13 n-Docosane (C22)

R.T.: 13.630 min
Delta R.T.: -0.015 min
Response: 2652262
Conc: 19.42 ug/ml



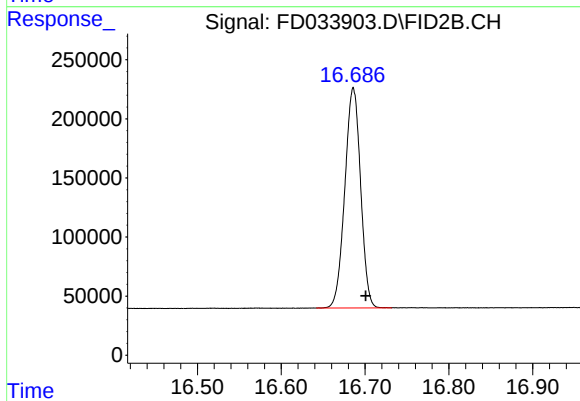
#14 n-Tetracosane (C24)

R.T.: 14.726 min
Delta R.T.: -0.015 min
Response: 2562389
Conc: 18.75 ug/ml



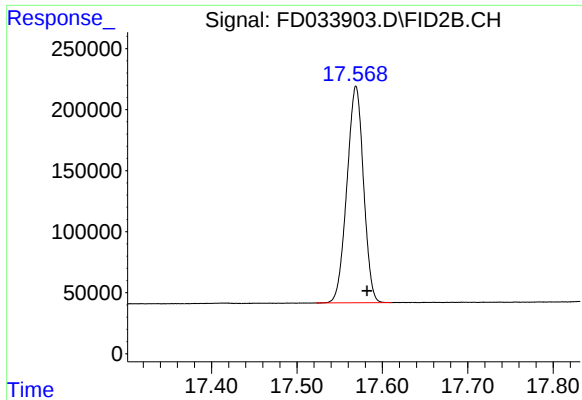
#15 n-Hexacosane (C26)

R.T.: 15.741 min
Delta R.T.: -0.015 min
Response: 2468727
Conc: 18.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.686 min
Delta R.T.: -0.015 min
Response: 2435702
Conc: 17.98 ug/ml



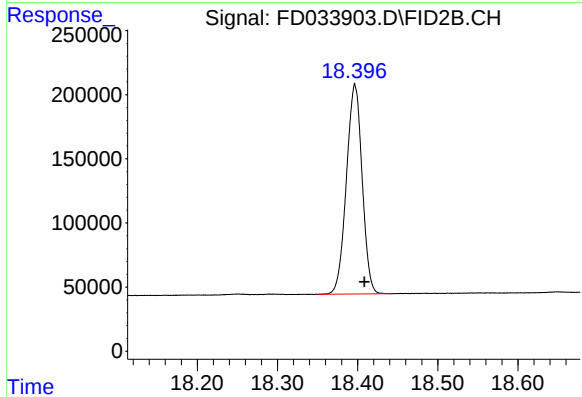
#17 n-Tricontane (C30)

R.T.: 17.569 min

Delta R.T.: -0.013 min

Response: 2397448

Conc: 18.13 ug/ml



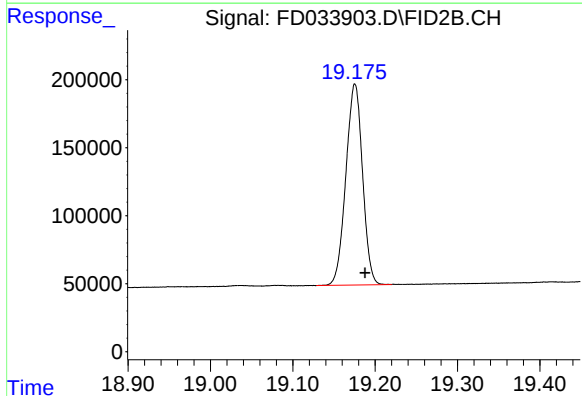
#18 n-Dotriacontane (C32)

R.T.: 18.397 min

Delta R.T.: -0.012 min

Response: 2228730

Conc: 18.37 ug/ml



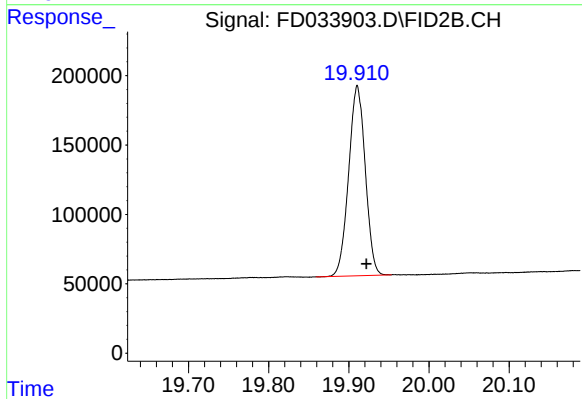
#19 n-Tetratriacontane (C34)

R.T.: 19.176 min

Delta R.T.: -0.012 min

Response: 2078160

Conc: 18.25 ug/ml



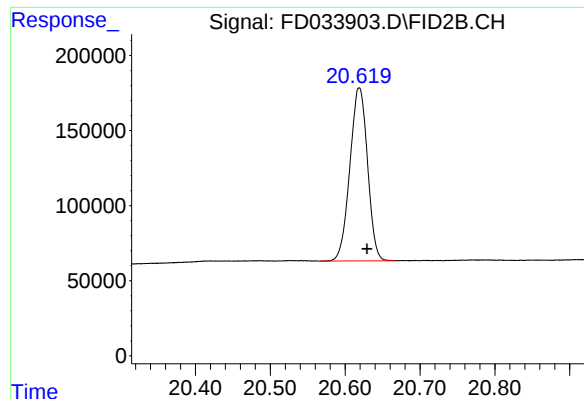
#20 n-Hexatriacontane (C36)

R.T.: 19.911 min

Delta R.T.: -0.011 min

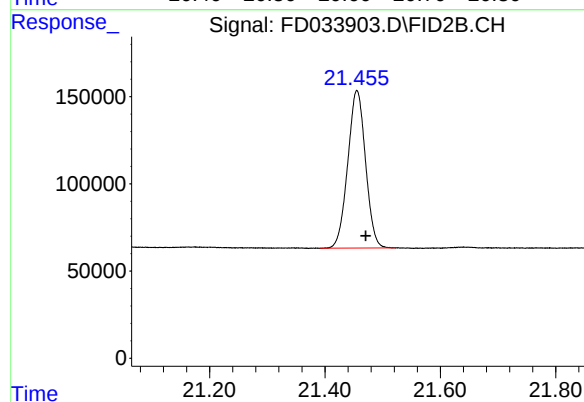
Response: 1971712

Conc: 18.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.619 min
Delta R.T.: -0.010 min
Response: 1885192
Conc: 18.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.455 min
Delta R.T.: -0.015 min
Response: 1932207
Conc: 19.74 ug/ml