

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012422AL\
 Data File : FD040743.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jan 2022 15:46
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 21:46:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 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)	10.611	2813588	18.248 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
12) S 1-chlorooctadecane (S...	12.051	2102539	17.863 ug/ml
Spiked Amount 50.000		Recovery =	35.73%
Target Compounds			
1) T n-Nonane (C9)	2.565	2498570	19.462 ug/ml
2) T n-Decane (C10)	3.550	2525156	19.610 ug/ml
3) T A~Naphthalene (C11.7)	5.080	2797065	19.688 ug/ml
4) T n-Dodecane (C12)	5.517	2543940	19.903 ug/ml
5) T A~2-methylnaphthalene...	6.119	2791885	19.790 ug/ml
6) T n-Tetradecane (C14)	7.293	2582353	19.935 ug/ml
7) T n-Hexadecane (C16)	8.881	2573437	19.752 ug/ml
8) T n-Octadecane (C18)	10.312	2593573	19.141 ug/ml
10) T n-Eicosane (C20)	11.613	2501749	18.393 ug/ml
11) T n-Heneicosane (C21)	12.221	2487618	17.964 ug/ml
13) T n-Docosane (C22)	12.804	2422766	17.571 ug/ml
14) T n-Tetracosane (C24)	13.900	2342682	16.754 ug/ml
15) T n-Hexacosane (C26)	14.915	2242613	16.269 ug/ml
16) T n-Octacosane (C28)	15.859	2199829	16.213 ug/ml
17) T n-Tricontane (C30)	16.741	2154039	16.527 ug/ml
18) T n-Dotriacontane (C32)	17.570	2033982	17.014 ug/ml
19) T n-Tetratriacontane (C34)	18.349	1923104	18.264 ug/ml
20) T n-Hexatriacontane (C36)	19.086	1790673	17.672 ug/ml
21) T n-Octatriacontane (C38)	19.784	1721006	19.262 ug/ml
22) T n-Tetracontane (C40)	20.581	1740356	20.359 ug/ml

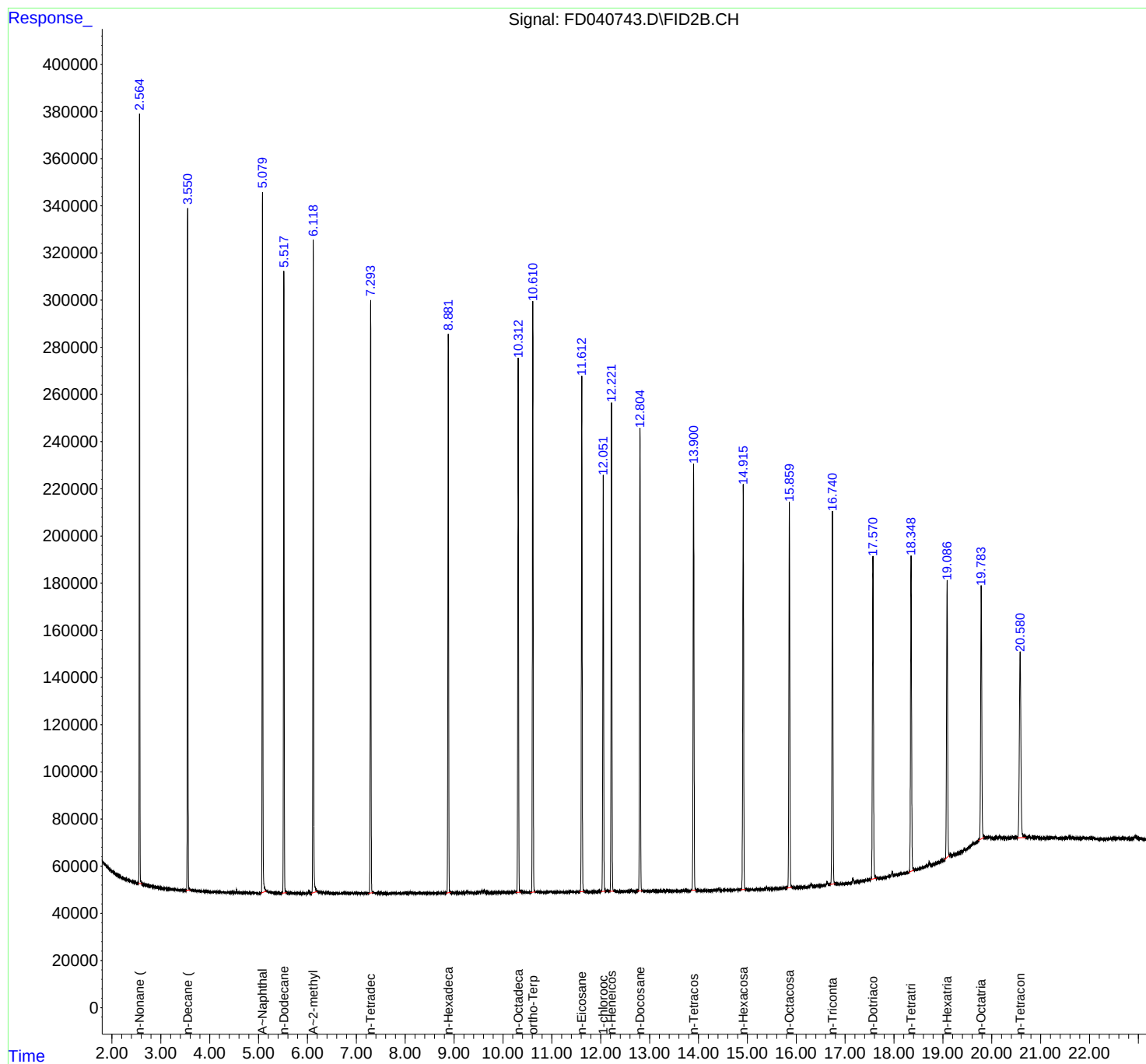
(f)=RT Delta > 1/2 Window

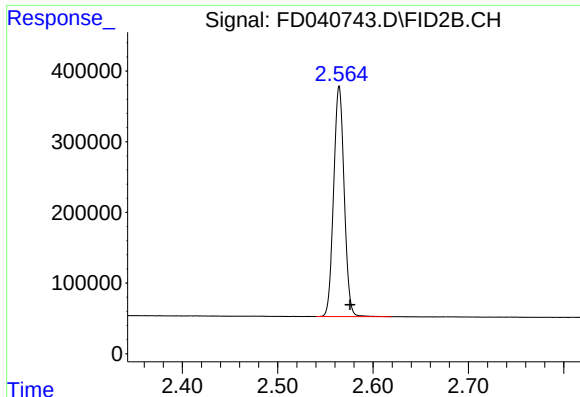
(m)=manual int.

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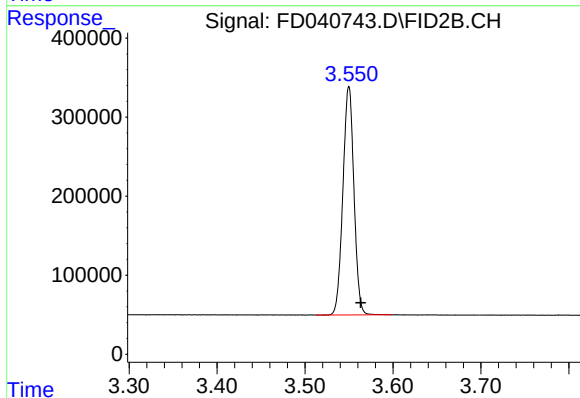
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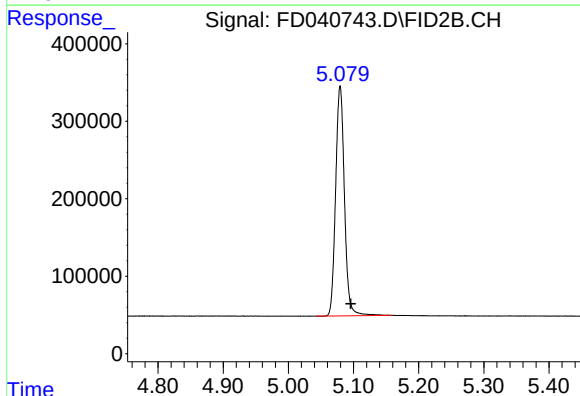
#1 n-Nonane (C9)

R.T.: 2.565 min
Delta R.T.: -0.011 min
Response: 2498570
Conc: 19.46 ug/ml



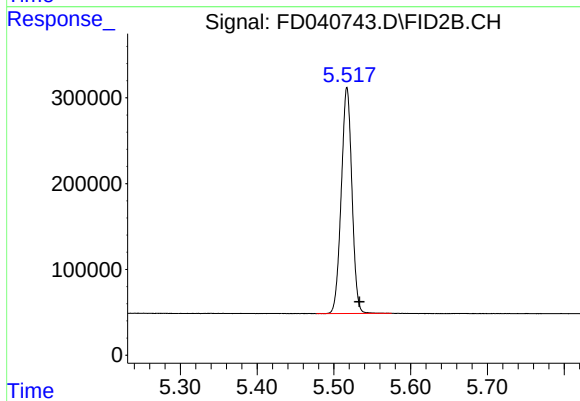
#2 n-Decane (C10)

R.T.: 3.550 min
Delta R.T.: -0.013 min
Response: 2525156
Conc: 19.61 ug/ml



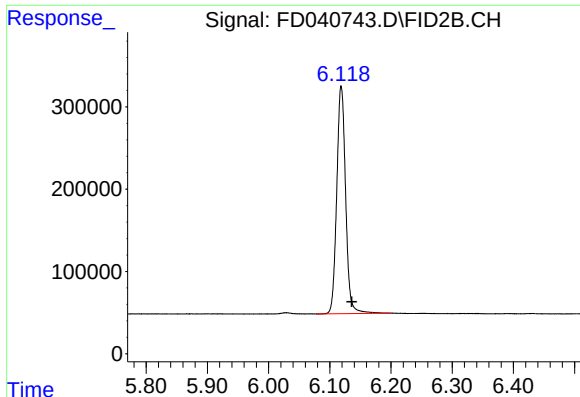
#3 A~Naphthalene (C11.7)

R.T.: 5.080 min
Delta R.T.: -0.016 min
Response: 2797065
Conc: 19.69 ug/ml



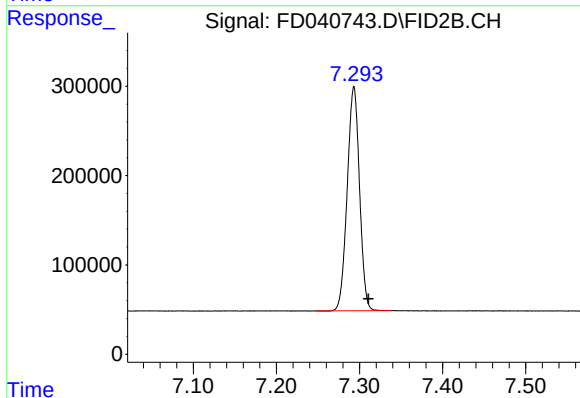
#4 n-Dodecane (C12)

R.T.: 5.517 min
Delta R.T.: -0.016 min
Response: 2543940
Conc: 19.90 ug/ml



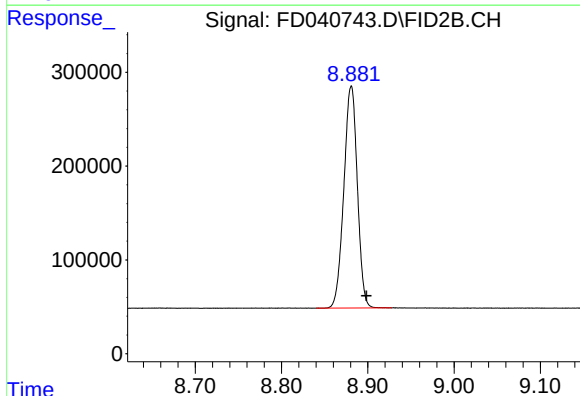
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.119 min
Delta R.T.: -0.017 min
Response: 2791885
Conc: 19.79 ug/ml



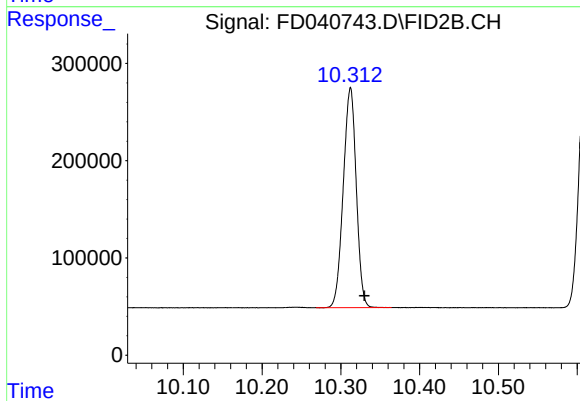
#6 n-Tetradecane (C14)

R.T.: 7.293 min
Delta R.T.: -0.017 min
Response: 2582353
Conc: 19.93 ug/ml



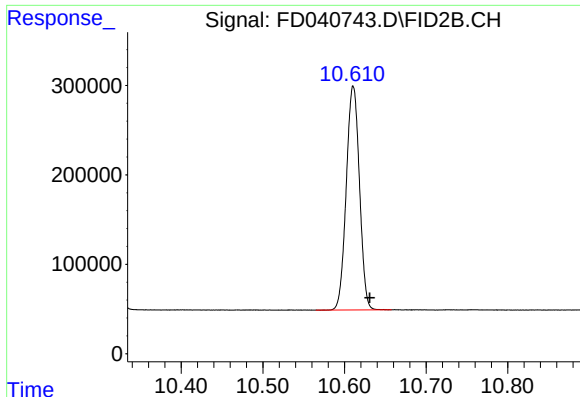
#7 n-Hexadecane (C16)

R.T.: 8.881 min
Delta R.T.: -0.018 min
Response: 2573437
Conc: 19.75 ug/ml



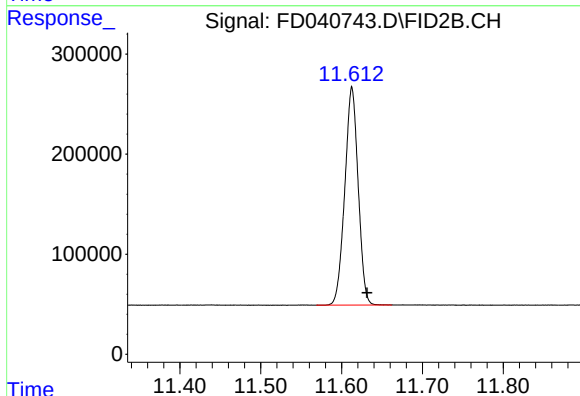
#8 n-Octadecane (C18)

R.T.: 10.312 min
Delta R.T.: -0.018 min
Response: 2593573
Conc: 19.14 ug/ml



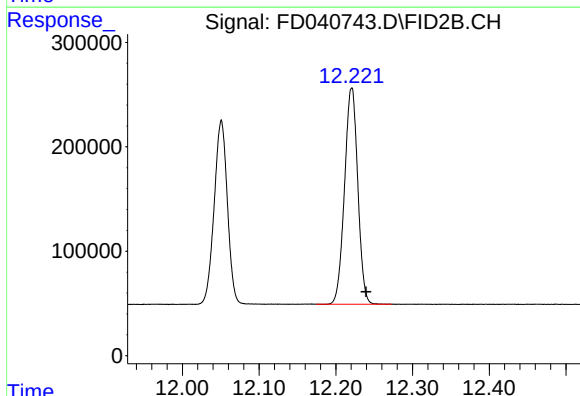
#9 ortho-Terphenyl (SURR)

R.T.: 10.611 min
Delta R.T.: -0.020 min
Response: 2813588
Conc: 18.25 ug/ml



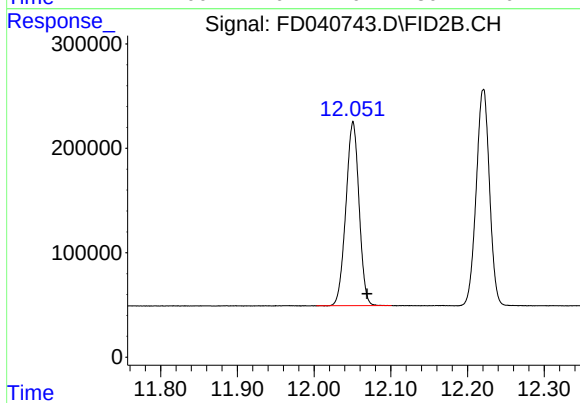
#10 n-Eicosane (C20)

R.T.: 11.613 min
Delta R.T.: -0.019 min
Response: 2501749
Conc: 18.39 ug/ml



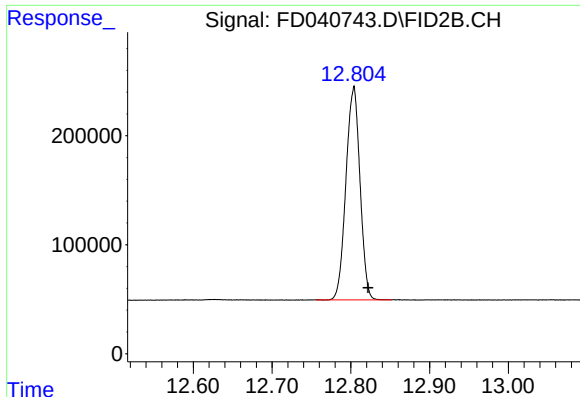
#11 n-Heneicosane (C21)

R.T.: 12.221 min
Delta R.T.: -0.019 min
Response: 2487618
Conc: 17.96 ug/ml



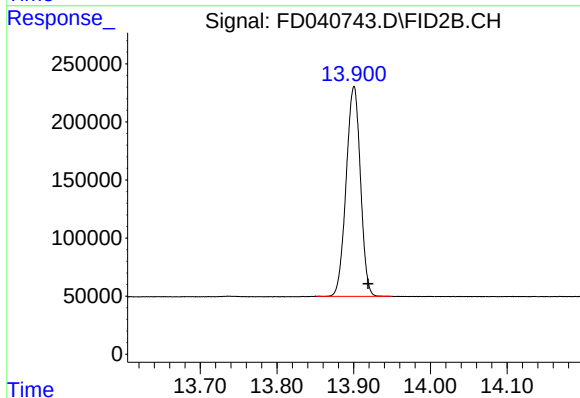
#12 1-chlorooctadecane (SURR)

R.T.: 12.051 min
Delta R.T.: -0.018 min
Response: 2102539
Conc: 17.86 ug/ml



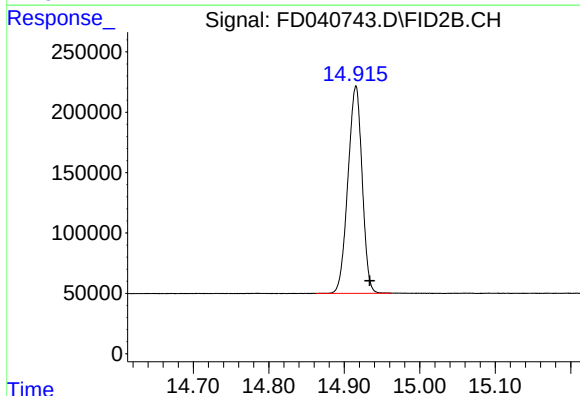
#13 n-Docosane (C22)

R.T.: 12.804 min
Delta R.T.: -0.018 min
Response: 2422766
Conc: 17.57 ug/ml



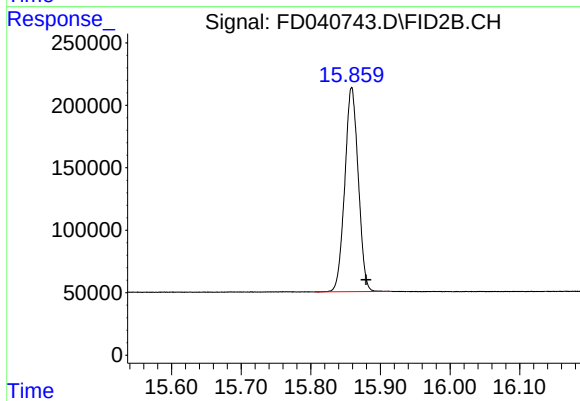
#14 n-Tetracosane (C24)

R.T.: 13.900 min
Delta R.T.: -0.018 min
Response: 2342682
Conc: 16.75 ug/ml



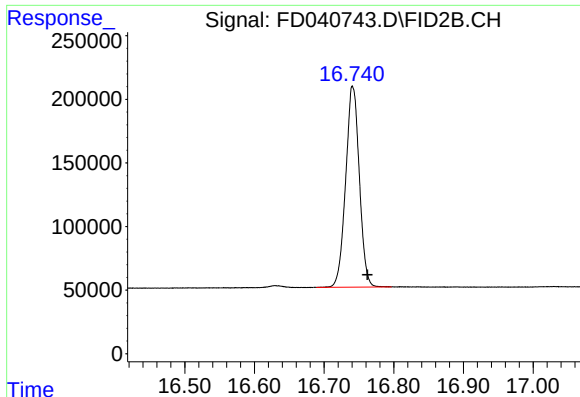
#15 n-Hexacosane (C26)

R.T.: 14.915 min
Delta R.T.: -0.019 min
Response: 2242613
Conc: 16.27 ug/ml



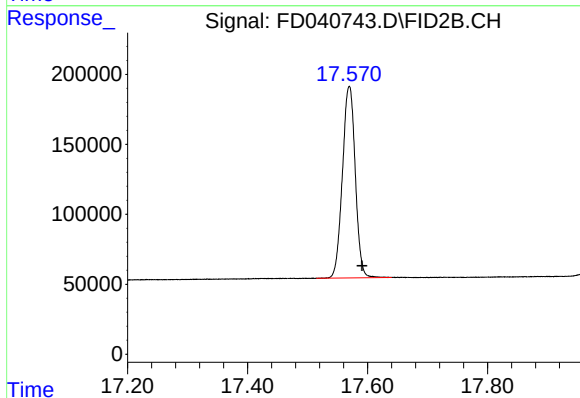
#16 n-Octacosane (C28)

R.T.: 15.859 min
Delta R.T.: -0.021 min
Response: 2199829
Conc: 16.21 ug/ml



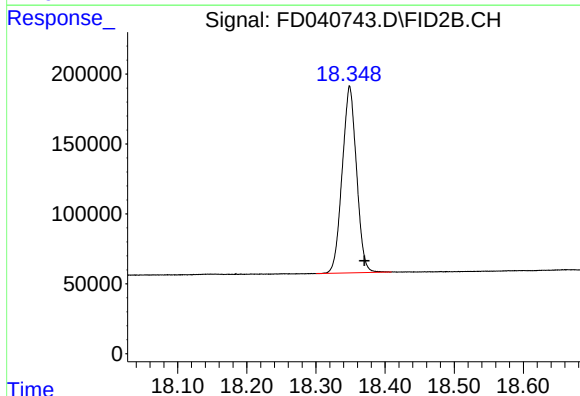
#17 n-Tricontane (C30)

R.T.: 16.741 min
Delta R.T.: -0.021 min
Response: 2154039
Conc: 16.53 ug/ml



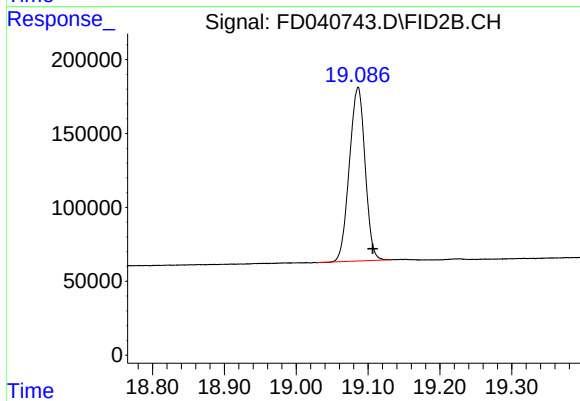
#18 n-Dotriacontane (C32)

R.T.: 17.570 min
Delta R.T.: -0.021 min
Response: 2033982
Conc: 17.01 ug/ml



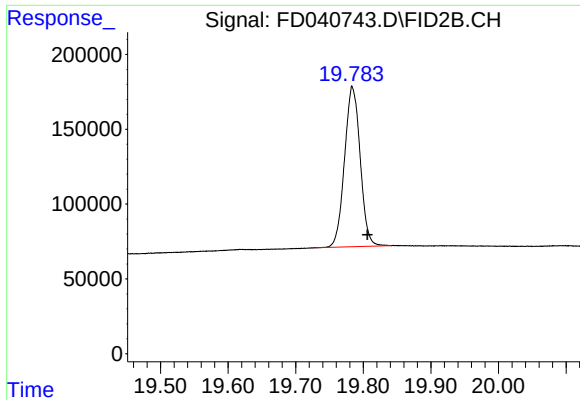
#19 n-Tetratriacontane (C34)

R.T.: 18.349 min
Delta R.T.: -0.021 min
Response: 1923104
Conc: 18.26 ug/ml



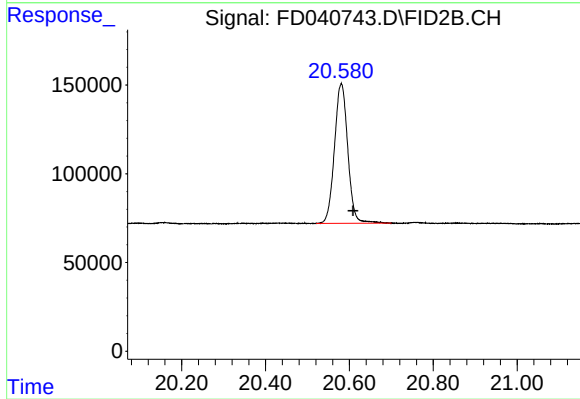
#20 n-Hexatriacontane (C36)

R.T.: 19.086 min
Delta R.T.: -0.020 min
Response: 1790673
Conc: 17.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.784 min
Delta R.T.: -0.022 min
Response: 1721006
Conc: 19.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.581 min
Delta R.T.: -0.028 min
Response: 1740356
Conc: 20.36 ug/ml