

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122721AL\
 Data File : FD040207.D
 Signal(s) : FID2B.CH
 Acq On : 28 Dec 2021 6:00
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 07:15:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:40:18 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)	10.723	3300326	21.898 ug/ml
Spiked Amount 50.000		Recovery =	43.80%
12) S 1-chlorooctadecane (S...	12.158	2574335	21.803 ug/ml
Spiked Amount 50.000		Recovery =	43.61%
Target Compounds			
1) T n-Nonane (C9)	2.641	2810669	21.396 ug/ml
2) T n-Decane (C10)	3.637	2850120	21.535 ug/ml
3) T A~Naphthalene (C11.7)	5.179	3235307	21.749 ug/ml
4) T n-Dodecane (C12)	5.613	2848851	21.668 ug/ml
5) T A~2-methylnaphthalene...	6.222	3268533	21.940 ug/ml
6) T n-Tetradecane (C14)	7.392	2886674	21.911 ug/ml
7) T n-Hexadecane (C16)	8.983	2948738	22.132 ug/ml
8) T n-Octadecane (C18)	10.417	3084223	22.157 ug/ml
10) T n-Eicosane (C20)	11.719	3110620	22.202 ug/ml
11) T n-Heneicosane (C21)	12.327	3109237	21.884 ug/ml
13) T n-Docosane (C22)	12.911	3158079	22.296 ug/ml
14) T n-Tetracosane (C24)	14.008	3271650	22.942 ug/ml
15) T n-Hexacosane (C26)	15.024	3214221	23.664 ug/ml
16) T n-Octacosane (C28)	15.969	3122955	24.325 ug/ml
17) T n-Tricontane (C30)	16.853	2966452	24.701 ug/ml
18) T n-Dotriacontane (C32)	17.683	2741794	24.329 ug/ml
19) T n-Tetratriacontane (C34)	18.463	2587919	23.675 ug/ml
20) T n-Hexatriacontane (C36)	19.200	2450894	23.923 ug/ml
21) T n-Octatriacontane (C38)	19.908	2321946	24.214 ug/ml
22) T n-Tetracontane (C40)	20.743	2320879	29.853 ug/ml

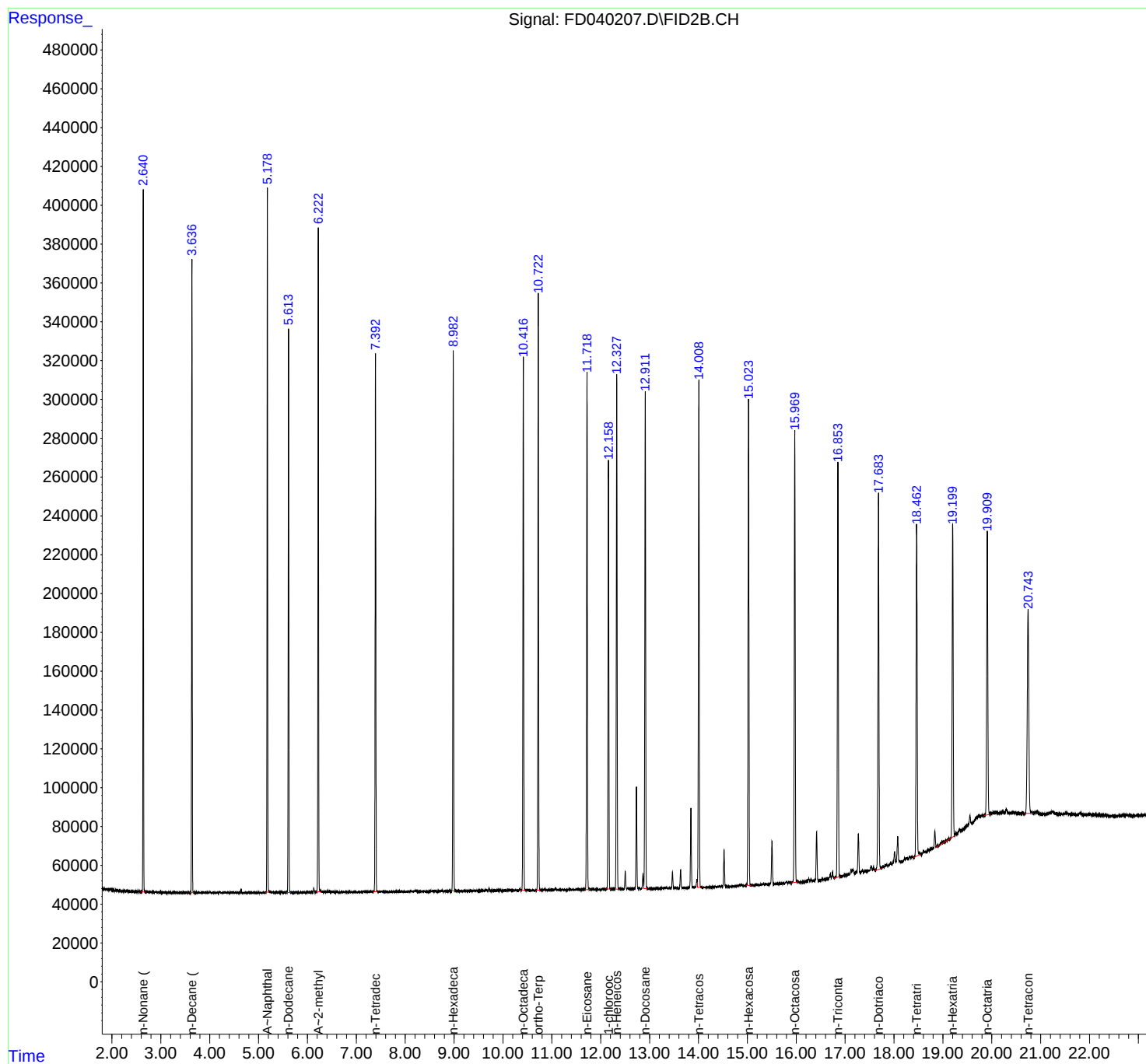
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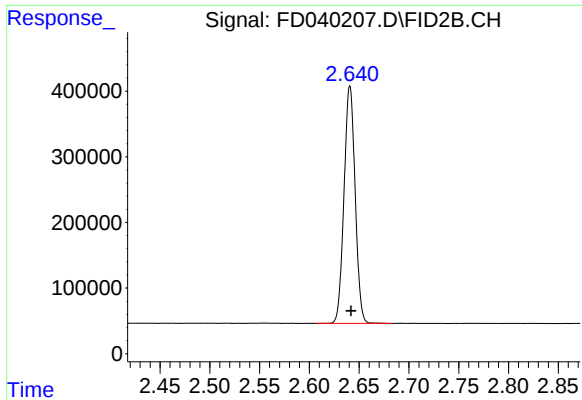
(m)=manual int.

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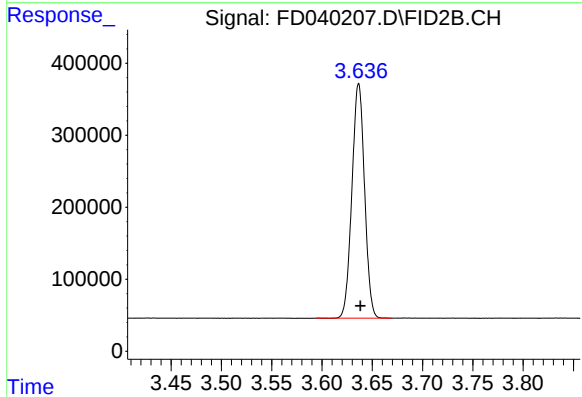
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Signal Info : 20M x 0.18mm x 0.18um





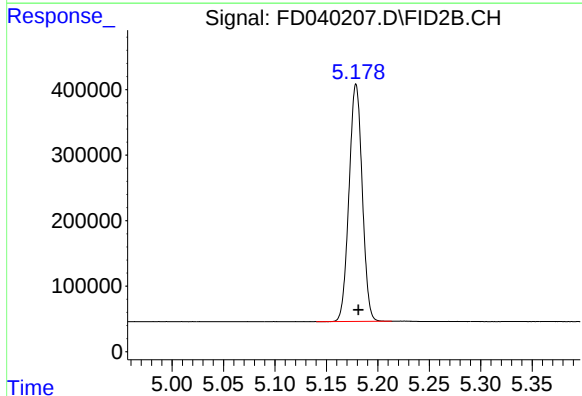
#1 n-Nonane (C9)

R.T.: 2.641 min
Delta R.T.: -0.001 min
Response: 2810669
Conc: 21.40 ug/ml



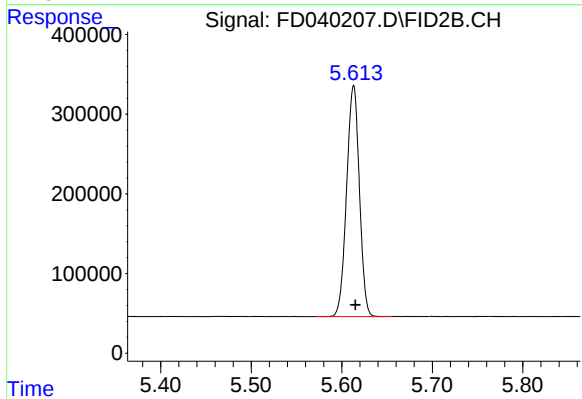
#2 n-Decane (C10)

R.T.: 3.637 min
Delta R.T.: -0.002 min
Response: 2850120
Conc: 21.54 ug/ml



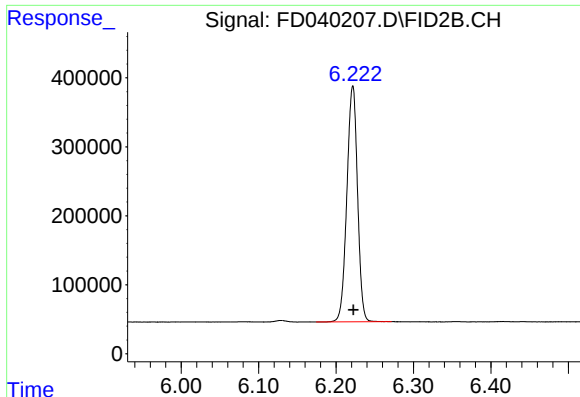
#3 A~Naphthalene (C11.7)

R.T.: 5.179 min
Delta R.T.: -0.002 min
Response: 3235307
Conc: 21.75 ug/ml



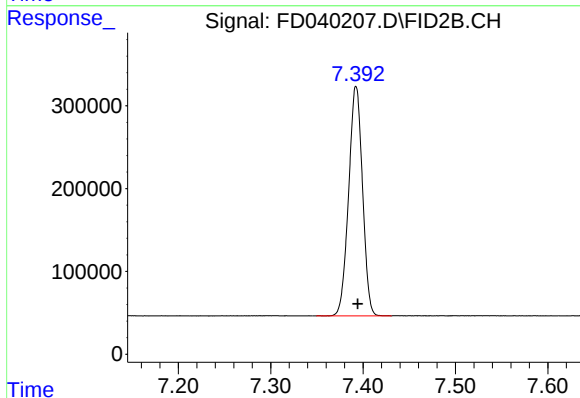
#4 n-Dodecane (C12)

R.T.: 5.613 min
Delta R.T.: -0.002 min
Response: 2848851
Conc: 21.67 ug/ml



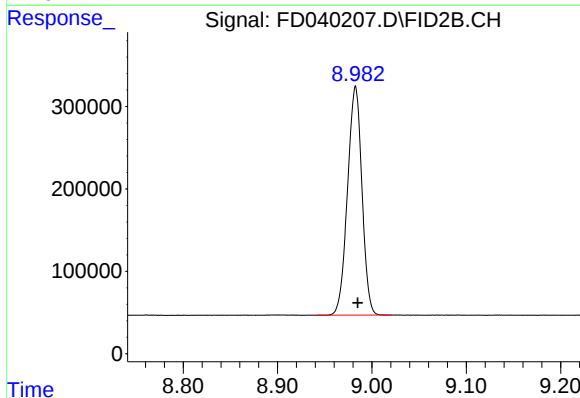
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.222 min
Delta R.T.: 0.000 min
Response: 3268533
Conc: 21.94 ug/ml



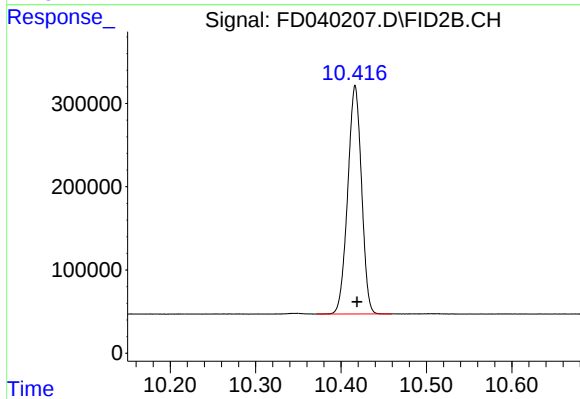
#6 n-Tetradecane (C14)

R.T.: 7.392 min
Delta R.T.: -0.002 min
Response: 2886674
Conc: 21.91 ug/ml



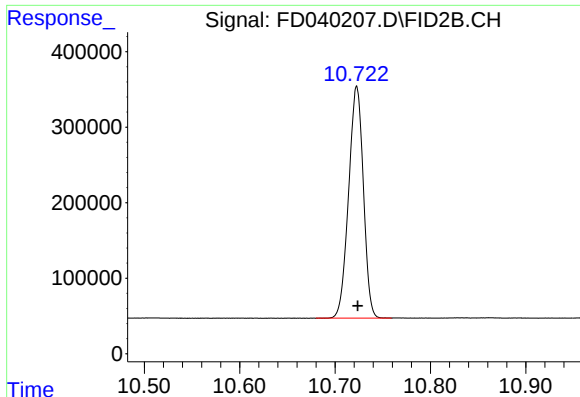
#7 n-Hexadecane (C16)

R.T.: 8.983 min
Delta R.T.: -0.002 min
Response: 2948738
Conc: 22.13 ug/ml



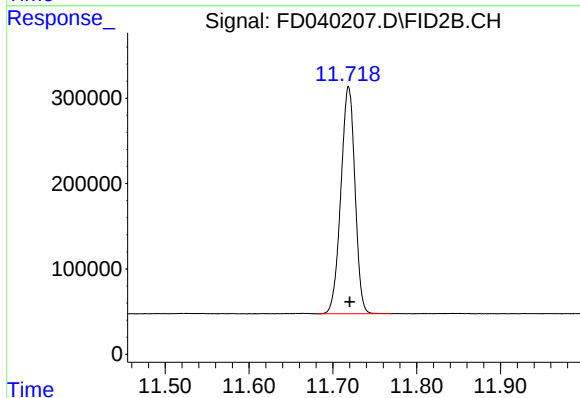
#8 n-Octadecane (C18)

R.T.: 10.417 min
Delta R.T.: -0.002 min
Response: 3084223
Conc: 22.16 ug/ml



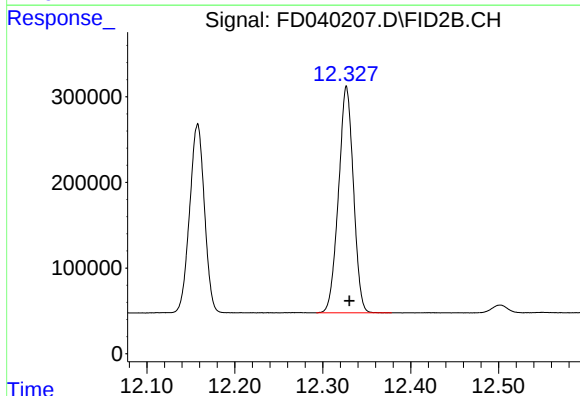
#9 ortho-Terphenyl (SURR)

R.T.: 10.723 min
Delta R.T.: -0.001 min
Response: 3300326
Conc: 21.90 ug/ml



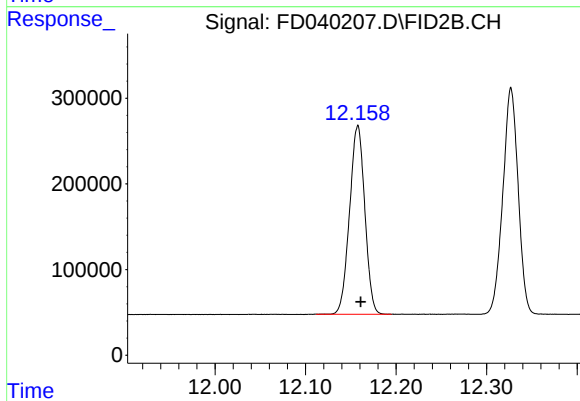
#10 n-Eicosane (C20)

R.T.: 11.719 min
Delta R.T.: -0.002 min
Response: 3110620
Conc: 22.20 ug/ml



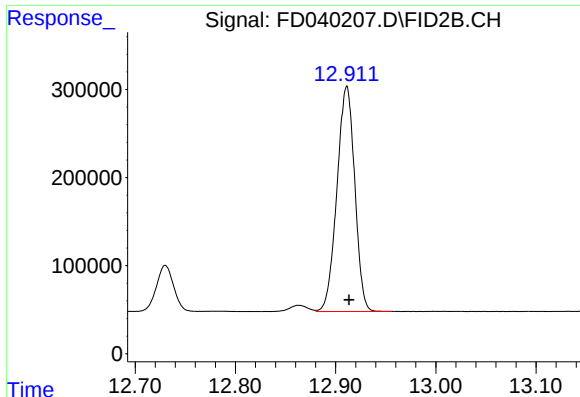
#11 n-Heneicosane (C21)

R.T.: 12.327 min
Delta R.T.: -0.003 min
Response: 3109237
Conc: 21.88 ug/ml



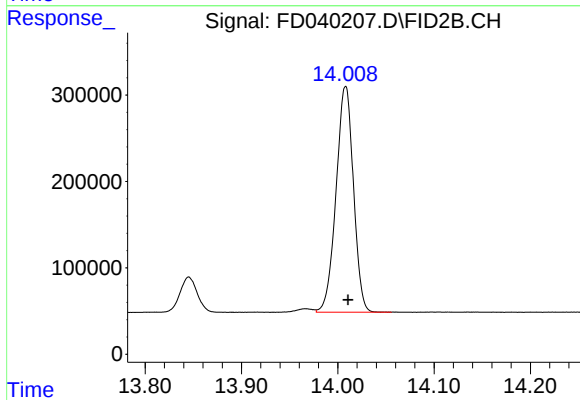
#12 1-chlorooctadecane (SURR)

R.T.: 12.158 min
Delta R.T.: -0.003 min
Response: 2574335
Conc: 21.80 ug/ml



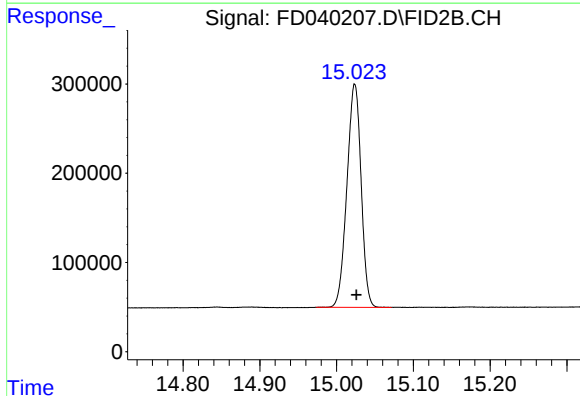
#13 n-Docosane (C22)

R.T.: 12.911 min
Delta R.T.: -0.002 min
Response: 3158079
Conc: 22.30 ug/ml



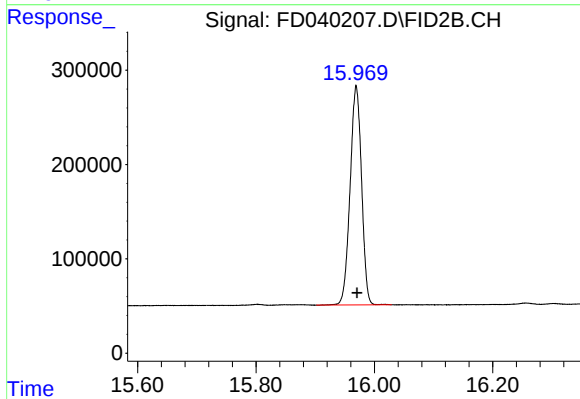
#14 n-Tetracosane (C24)

R.T.: 14.008 min
Delta R.T.: -0.002 min
Response: 3271650
Conc: 22.94 ug/ml



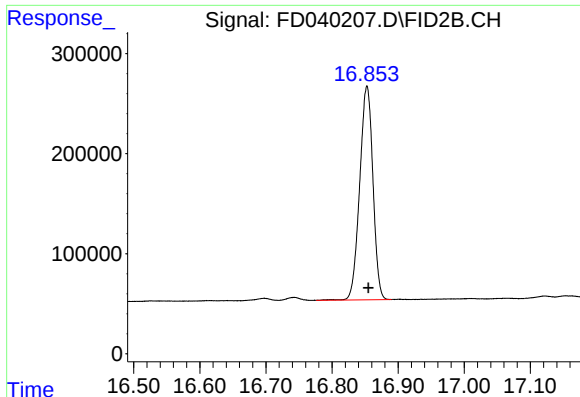
#15 n-Hexacosane (C26)

R.T.: 15.024 min
Delta R.T.: -0.002 min
Response: 3214221
Conc: 23.66 ug/ml



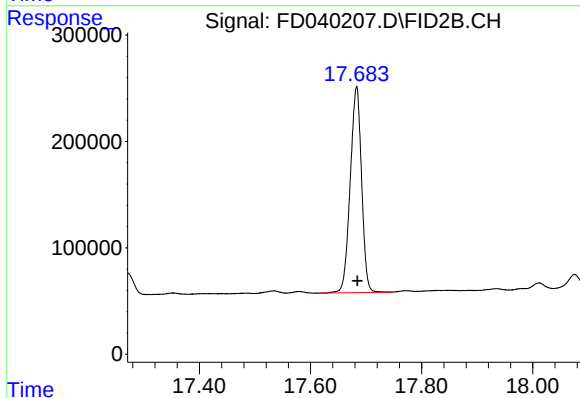
#16 n-Octacosane (C28)

R.T.: 15.969 min
Delta R.T.: -0.002 min
Response: 3122955
Conc: 24.32 ug/ml



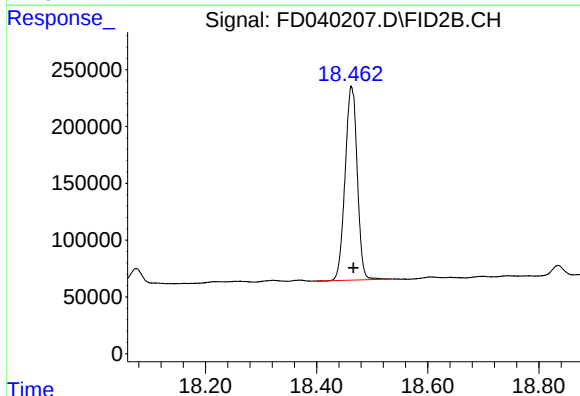
#17 n-Tricontane (C30)

R.T.: 16.853 min
Delta R.T.: -0.002 min
Response: 2966452
Conc: 24.70 ug/ml



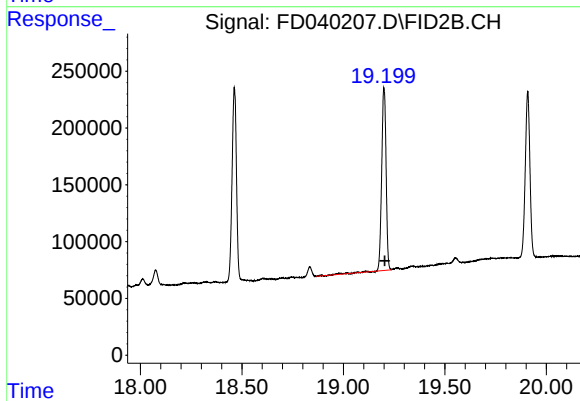
#18 n-Dotriacontane (C32)

R.T.: 17.683 min
Delta R.T.: -0.001 min
Response: 2741794
Conc: 24.33 ug/ml



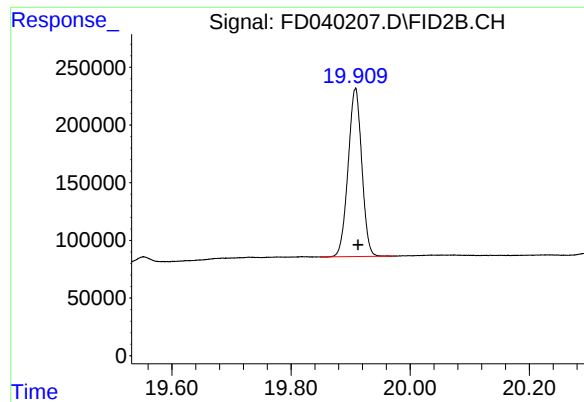
#19 n-Tetratriacontane (C34)

R.T.: 18.463 min
Delta R.T.: -0.003 min
Response: 2587919
Conc: 23.68 ug/ml



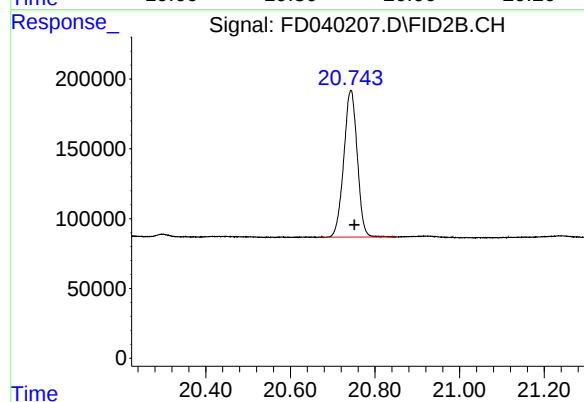
#20 n-Hexatriacontane (C36)

R.T.: 19.200 min
Delta R.T.: -0.005 min
Response: 2450894
Conc: 23.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.908 min
Delta R.T.: -0.005 min
Response: 2321946
Conc: 24.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.743 min
Delta R.T.: -0.008 min
Response: 2320879
Conc: 29.85 ug/ml