

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083019AL\
 Data File : FD030465.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2019 22:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 01 00:30:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 30 01:42:39 2019
 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)	11.511	2820489	20.519 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
12) S 1-chlorooctadecane (S...	12.938	2283002	20.017 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	3.325	2713723	22.676 ug/ml
2) T n-Decane (C10)	4.383	2800247	23.026 ug/ml
3) T A-Naphthalene (C11.7)	5.956	3117482	22.644 ug/ml
4) T n-Dodecane (C12)	6.388	2797412	22.941 ug/ml
5) T A~2-methylnaphthalene...	7.007	3115964	22.530 ug/ml
6) T n-Tetradecane (C14)	8.172	2799848	22.699 ug/ml
7) T n-Hexadecane (C16)	9.764	2789446	22.340 ug/ml
8) T n-Octadecane (C18)	11.197	2741394	21.442 ug/ml
10) T n-Eicosane (C20)	12.497	2673356	20.591 ug/ml
11) T n-Heneicosane (C21)	13.105	2617521	20.155 ug/ml
13) T n-Docosane (C22)	13.686	2571497	19.694 ug/ml
14) T n-Tetracosane (C24)	14.781	2516176	19.171 ug/ml
15) T n-Hexacosane (C26)	15.794	2400955	18.615 ug/ml
16) T n-Octacosane (C28)	16.736	2396900	18.891 ug/ml
17) T n-Tricontane (C30)	17.616	2378509	19.627 ug/ml
18) T n-Dotriacontane (C32)	18.442	2272380	20.266 ug/ml
19) T n-Tetratriacontane (C34)	19.218	1954165	22.040 ug/ml
20) T n-Hexatriacontane (C36)	19.951	1737219	23.375 ug/ml
21) T n-Octatriacontane (C38)	20.661	1623525	24.391 ug/ml
22) T n-Tetracontane (C40)	21.515	1608153	22.767 ug/ml

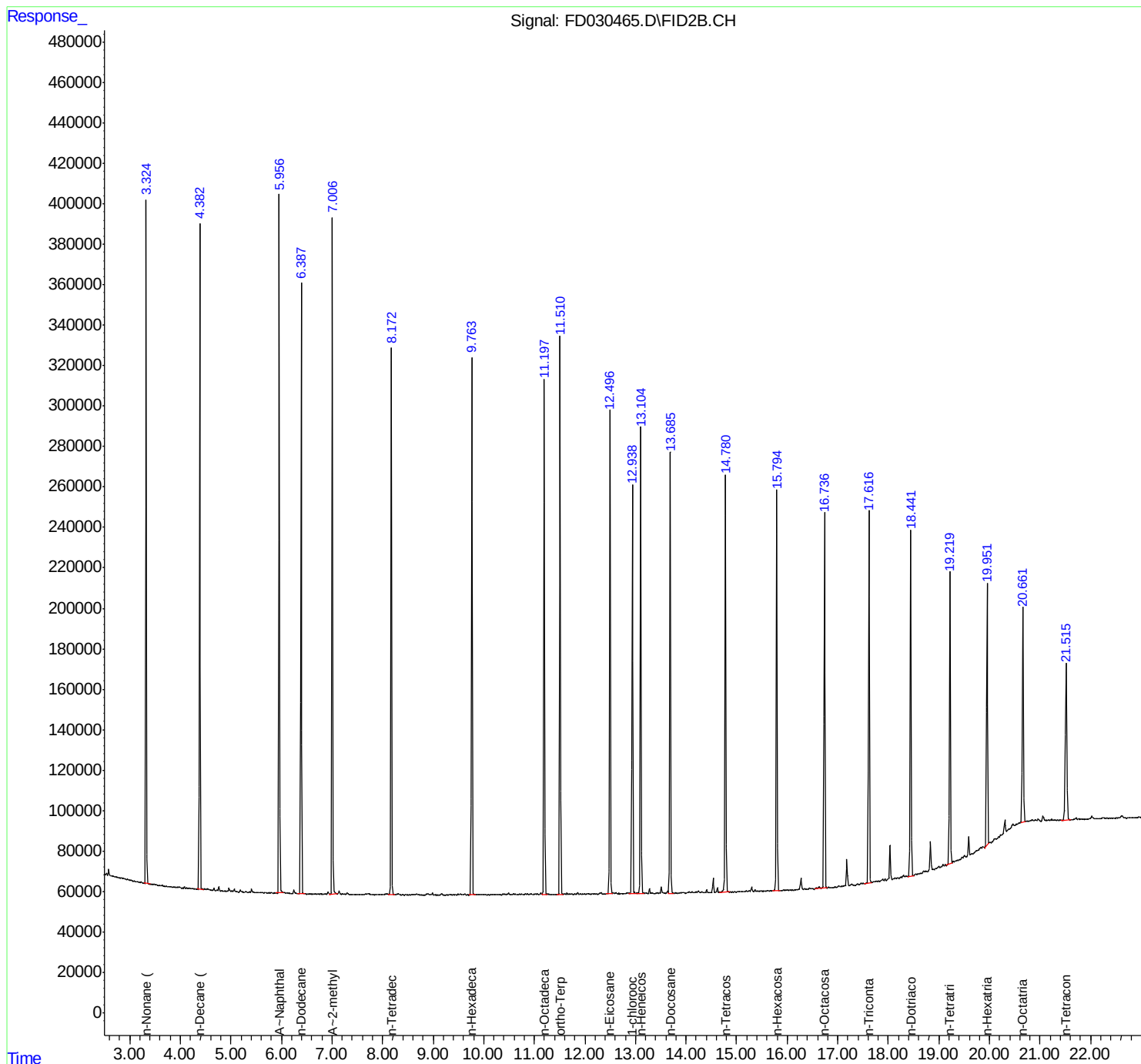
(f)=RT Delta > 1/2 Window

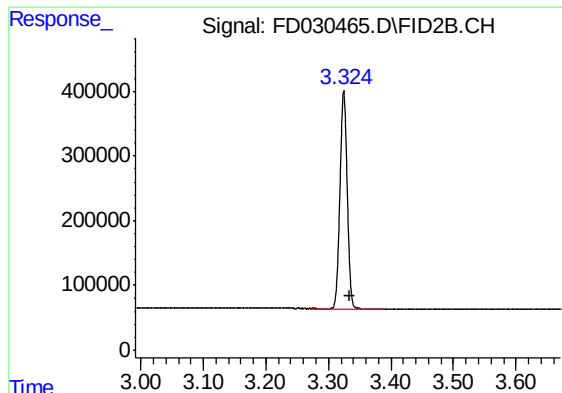
(m)=manual int.

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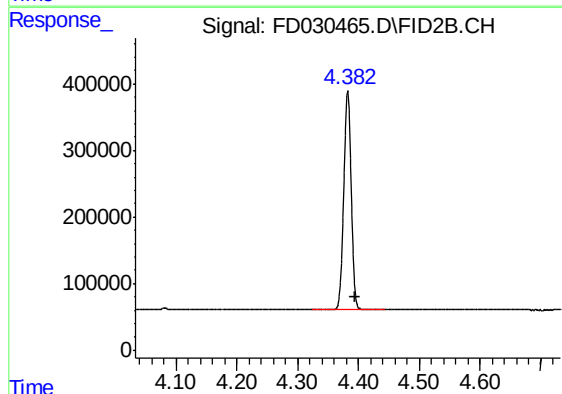
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Signal Info : 20M x 0.18mm x 0.18um





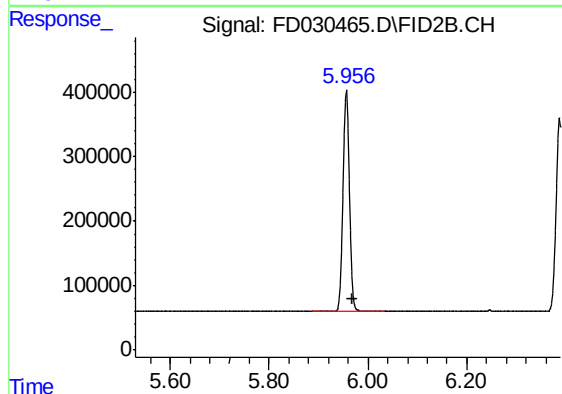
#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 2713723
Conc: 22.68 ug/ml



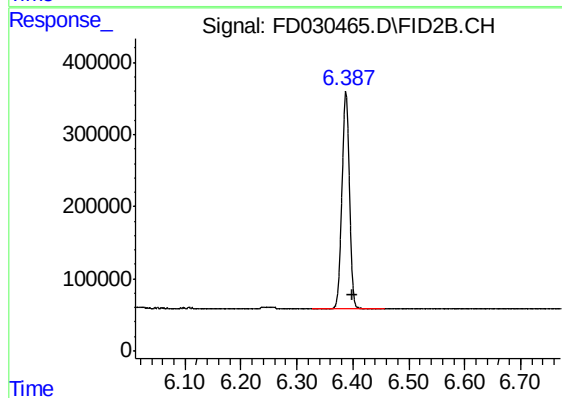
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: -0.011 min
Response: 2800247
Conc: 23.03 ug/ml



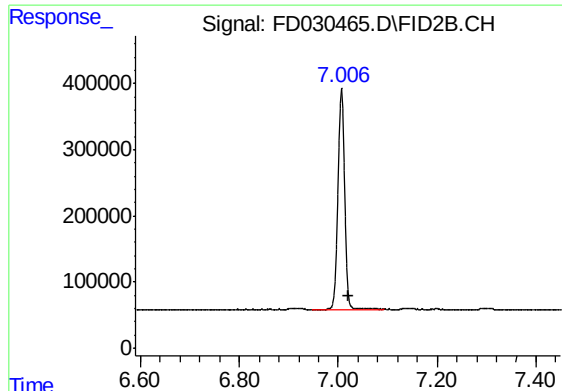
#3 A~Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: -0.013 min
Response: 3117482
Conc: 22.64 ug/ml



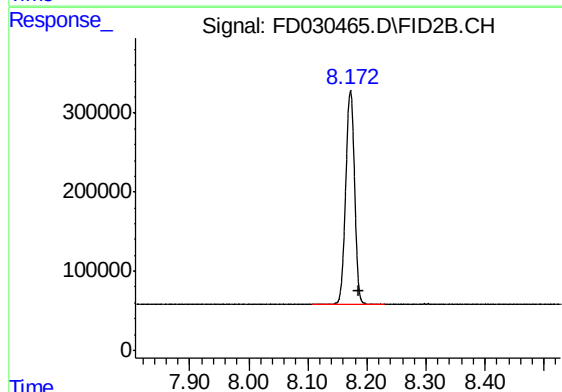
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.013 min
Response: 2797412
Conc: 22.94 ug/ml



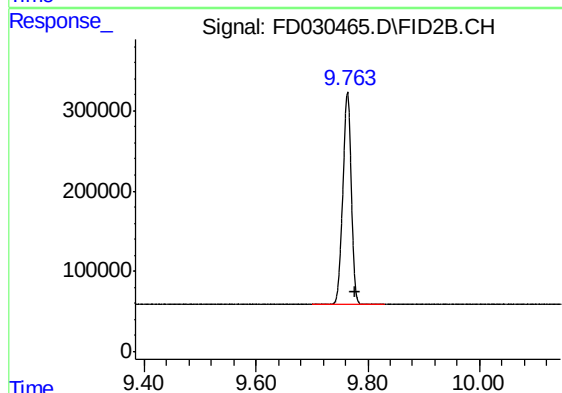
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: -0.014 min
Response: 3115964
Conc: 22.53 ug/ml



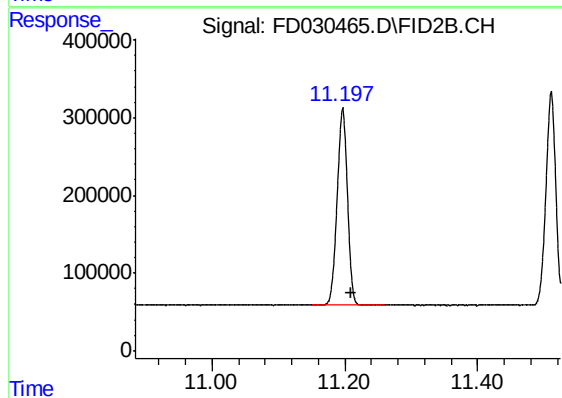
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.014 min
Response: 2799848
Conc: 22.70 ug/ml



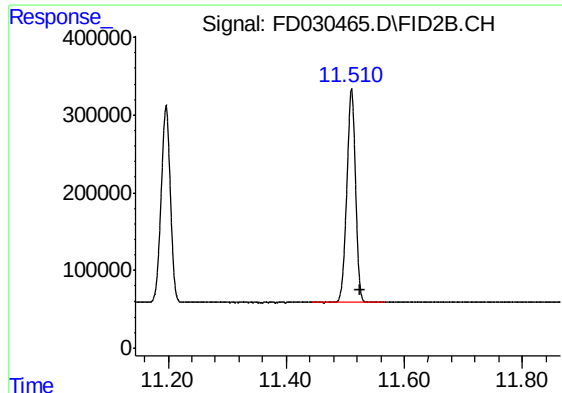
#7 n-Hexadecane (C16)

R.T.: 9.764 min
Delta R.T.: -0.014 min
Response: 2789446
Conc: 22.34 ug/ml



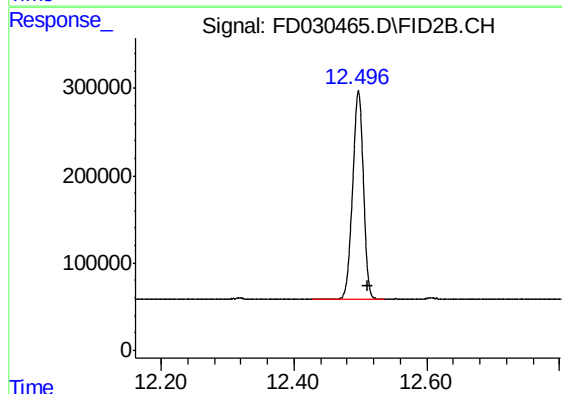
#8 n-Octadecane (C18)

R.T.: 11.197 min
Delta R.T.: -0.014 min
Response: 2741394
Conc: 21.44 ug/ml



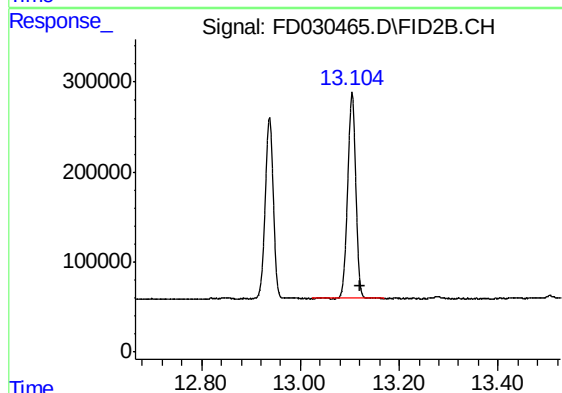
#9 ortho-Terphenyl (SURR)

R.T.: 11.511 min
Delta R.T.: -0.015 min
Response: 2820489
Conc: 20.52 ug/ml



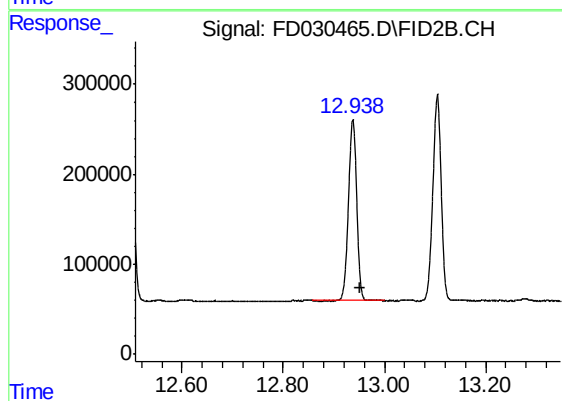
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: -0.015 min
Response: 2673356
Conc: 20.59 ug/ml



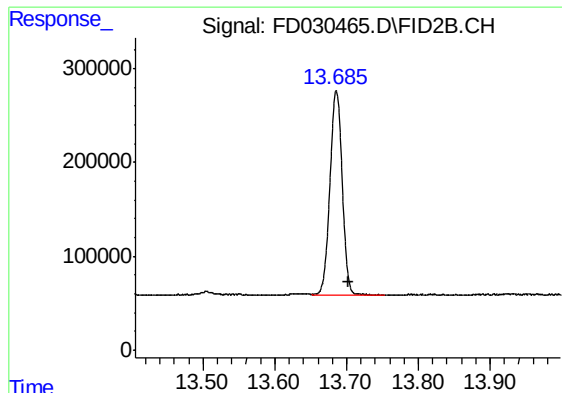
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: -0.015 min
Response: 2617521
Conc: 20.15 ug/ml



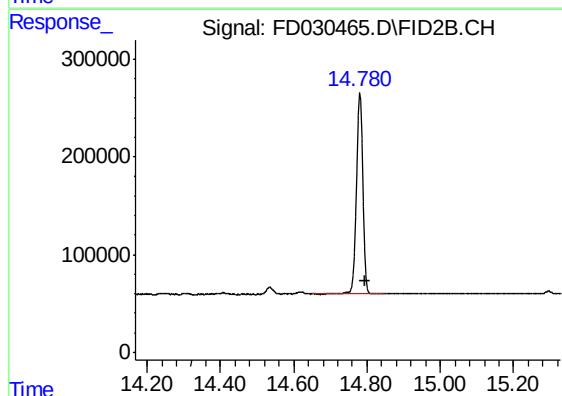
#12 1-chlorooctadecane (SURR)

R.T.: 12.938 min
Delta R.T.: -0.015 min
Response: 2283002
Conc: 20.02 ug/ml



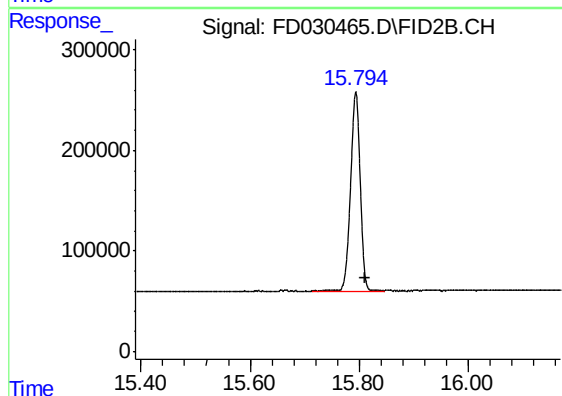
#13 n-Docosane (C22)

R.T.: 13.686 min
Delta R.T.: -0.016 min
Response: 2571497
Conc: 19.69 ug/ml



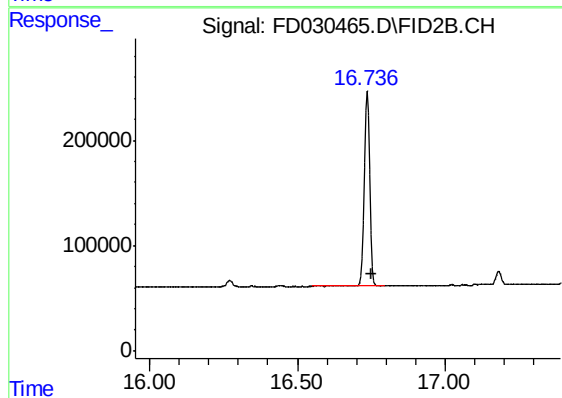
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: -0.016 min
Response: 2516176
Conc: 19.17 ug/ml



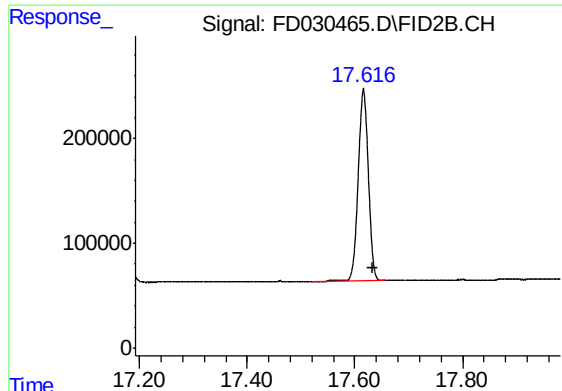
#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: -0.016 min
Response: 2400955
Conc: 18.62 ug/ml



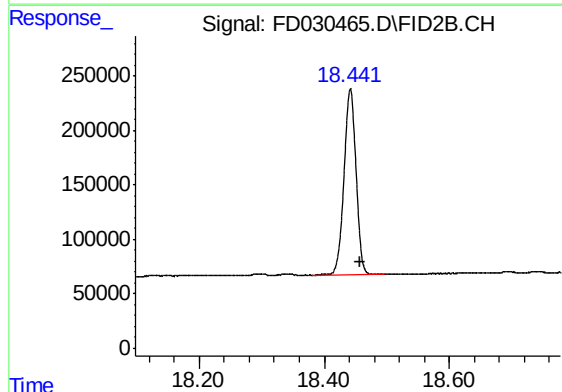
#16 n-Octacosane (C28)

R.T.: 16.736 min
Delta R.T.: -0.017 min
Response: 2396900
Conc: 18.89 ug/ml



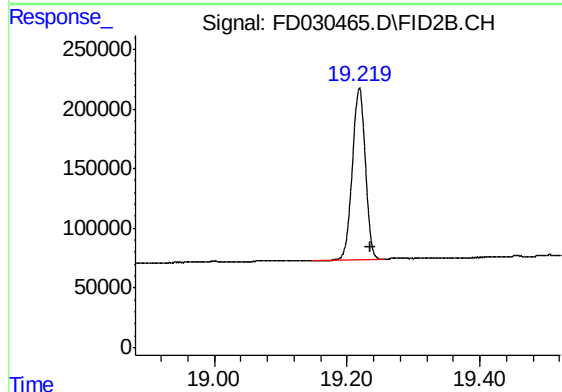
#17 n-Tricontane (C30)

R.T.: 17.616 min
Delta R.T.: -0.018 min
Response: 2378509
Conc: 19.63 ug/ml



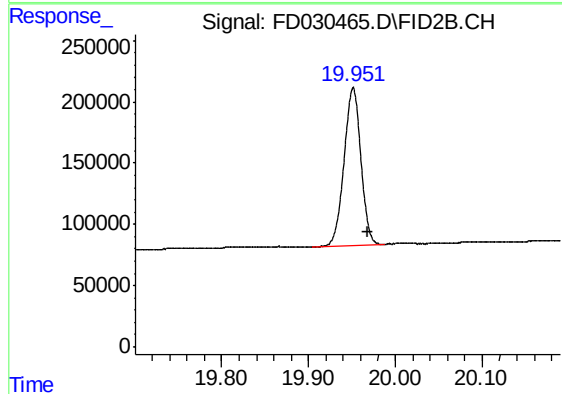
#18 n-Dotriacontane (C32)

R.T.: 18.442 min
Delta R.T.: -0.016 min
Response: 2272380
Conc: 20.27 ug/ml



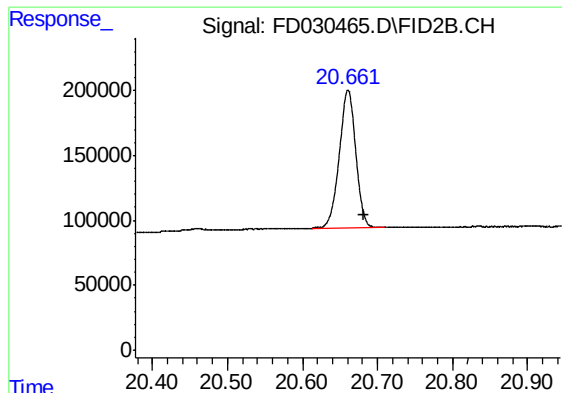
#19 n-Tetatriacontane (C34)

R.T.: 19.218 min
Delta R.T.: -0.016 min
Response: 1954165
Conc: 22.04 ug/ml



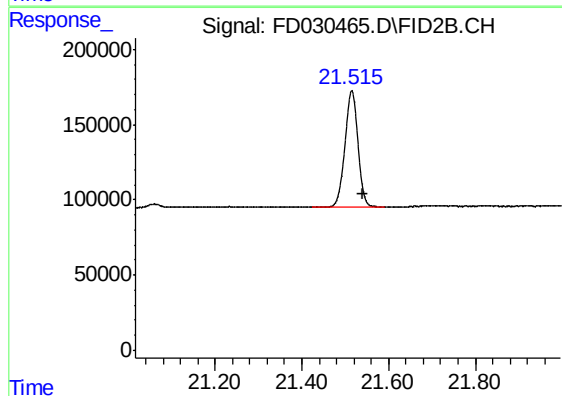
#20 n-Hexatriacontane (C36)

R.T.: 19.951 min
Delta R.T.: -0.017 min
Response: 1737219
Conc: 23.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.661 min
Delta R.T.: -0.020 min
Response: 1623525
Conc: 24.39 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.515 min
Delta R.T.: -0.026 min
Response: 1608153
Conc: 22.77 ug/ml