

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083019AL\
 Data File : FD030456.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2019 16:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 01 00:28:56 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)	11.513	2726395	19.835 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
12) S 1-chlorooctadecane (S...	12.940	2219366	19.459 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
Target Compounds			
1) T n-Nonane (C9)	3.326	2646519	22.115 ug/ml
2) T n-Decane (C10)	4.384	2729655	22.445 ug/ml
3) T A-Naphthalene (C11.7)	5.958	3029967	22.009 ug/ml
4) T n-Dodecane (C12)	6.389	2722209	22.324 ug/ml
5) T A~2-methylnaphthalene...	7.009	3027784	21.892 ug/ml
6) T n-Tetradecane (C14)	8.174	2726889	22.108 ug/ml
7) T n-Hexadecane (C16)	9.765	2703080	21.648 ug/ml
8) T n-Octadecane (C18)	11.198	2652196	20.745 ug/ml
10) T n-Eicosane (C20)	12.499	2581087	19.880 ug/ml
11) T n-Heneicosane (C21)	13.106	2528055	19.466 ug/ml
13) T n-Docosane (C22)	13.689	2479989	18.993 ug/ml
14) T n-Tetracosane (C24)	14.783	2433525	18.541 ug/ml
15) T n-Hexacosane (C26)	15.797	2317311	17.967 ug/ml
16) T n-Octacosane (C28)	16.738	2307865	18.189 ug/ml
17) T n-Tricontane (C30)	17.618	2337561	19.289 ug/ml
18) T n-Dotriacontane (C32)	18.444	2188488	19.517 ug/ml
19) T n-Tetratriacontane (C34)	19.221	1893346	21.354 ug/ml
20) T n-Hexatriacontane (C36)	19.953	1672620	22.505 ug/mlm
21) T n-Octatriacontane (C38)	20.663	1566230	23.530 ug/mlm
22) T n-Tetracontane (C40)	21.520	1571057	22.242 ug/ml

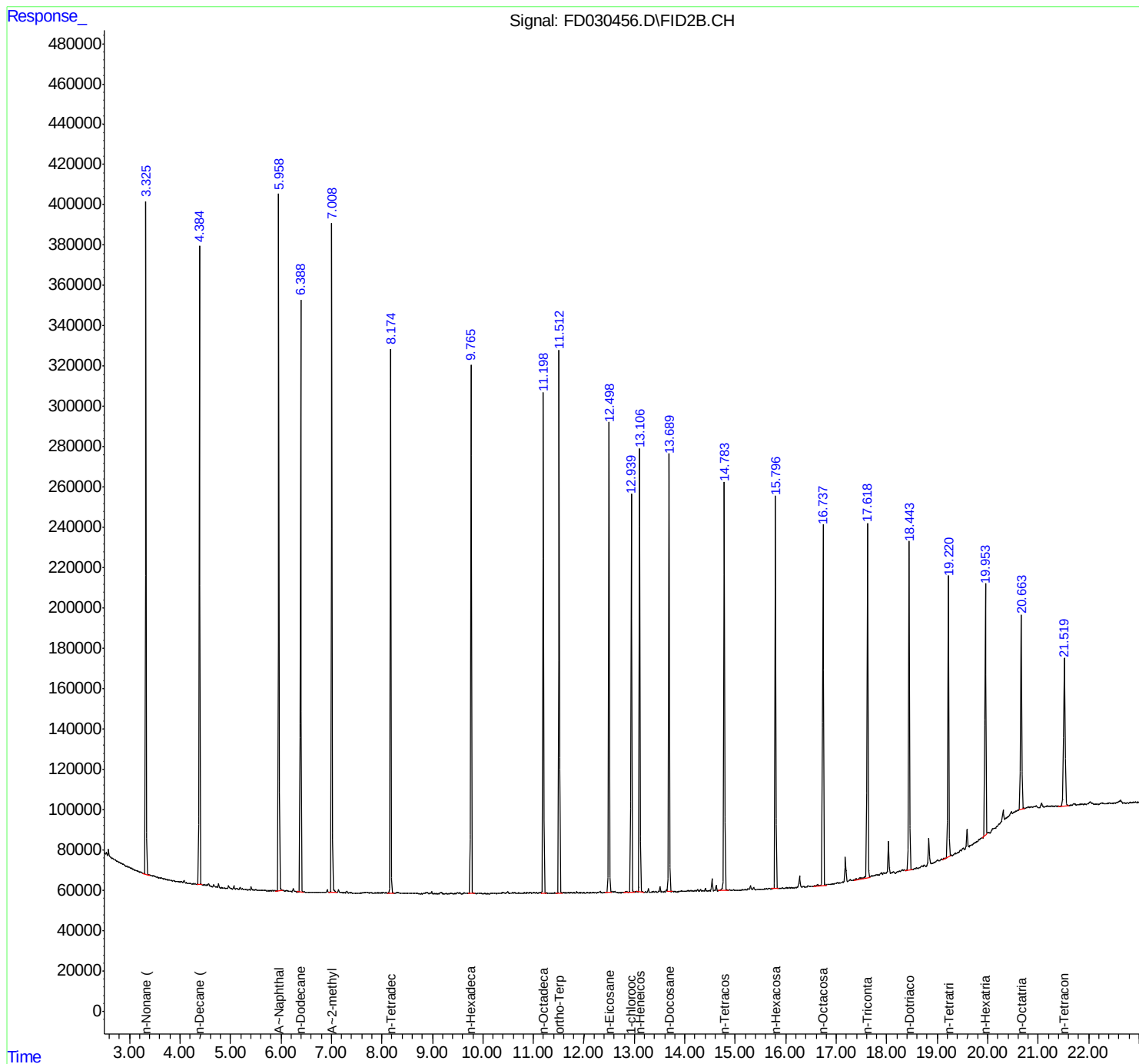
(f)=RT Delta > 1/2 Window

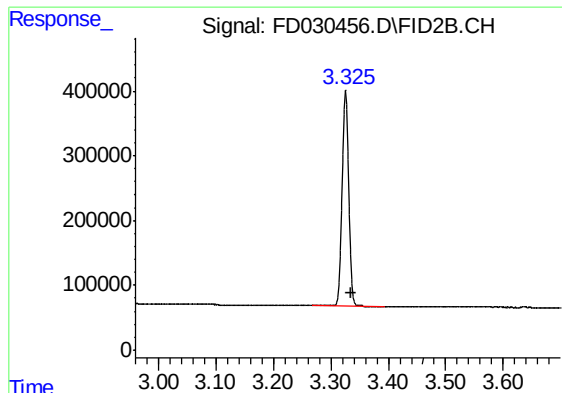
(m)=manual int.

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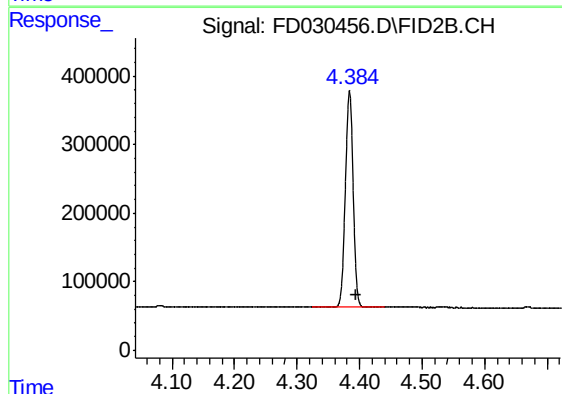
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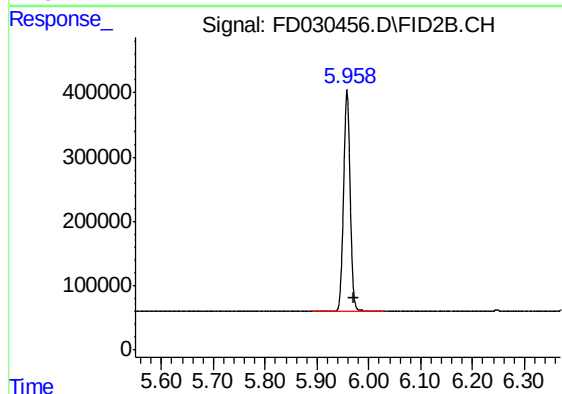
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 2646519
Conc: 22.11 ug/ml



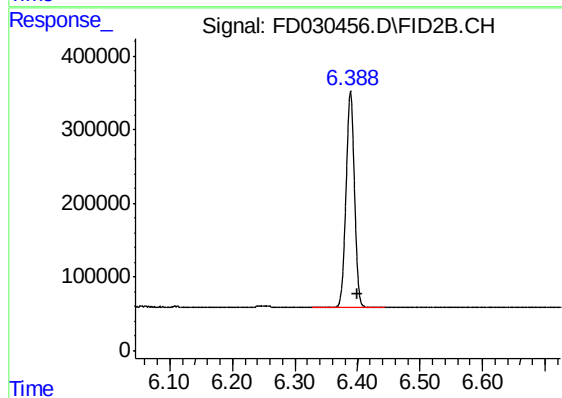
#2 n-Decane (C10)

R.T.: 4.384 min
Delta R.T.: -0.010 min
Response: 2729655
Conc: 22.45 ug/ml



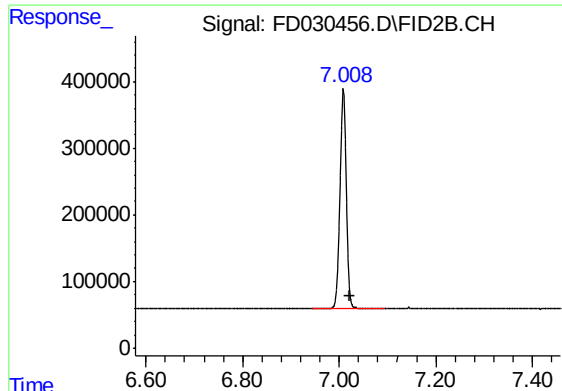
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: -0.012 min
Response: 3029967
Conc: 22.01 ug/ml



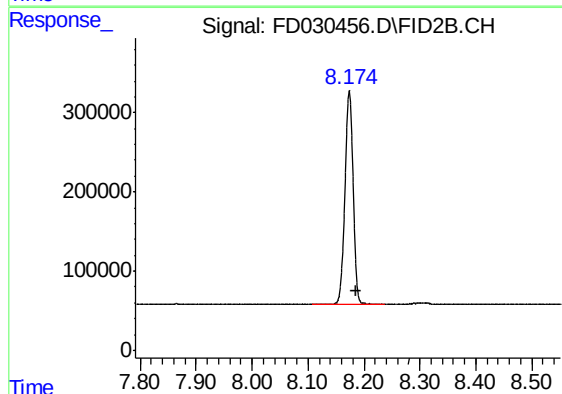
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: -0.011 min
Response: 2722209
Conc: 22.32 ug/ml



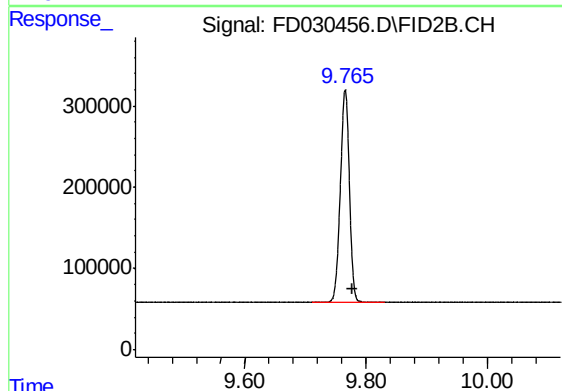
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: -0.012 min
Response: 3027784
Conc: 21.89 ug/ml



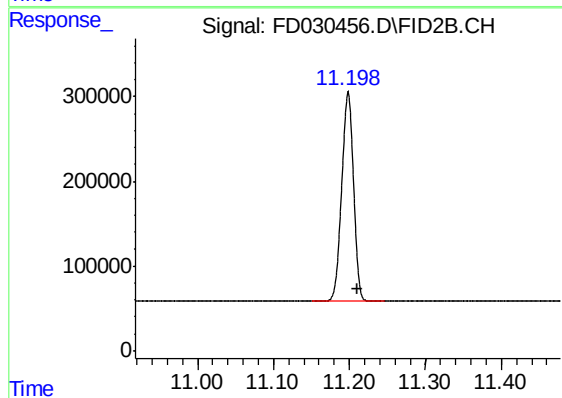
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.012 min
Response: 2726889
Conc: 22.11 ug/ml



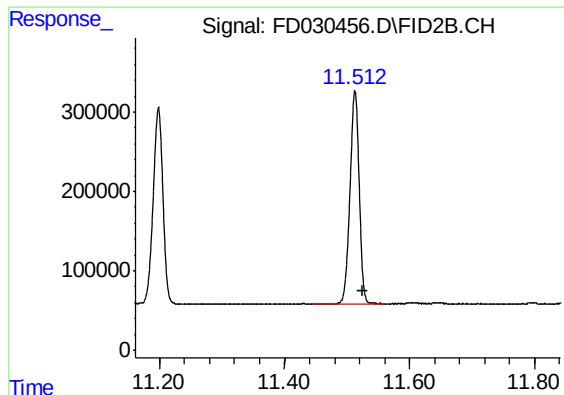
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.012 min
Response: 2703080
Conc: 21.65 ug/ml



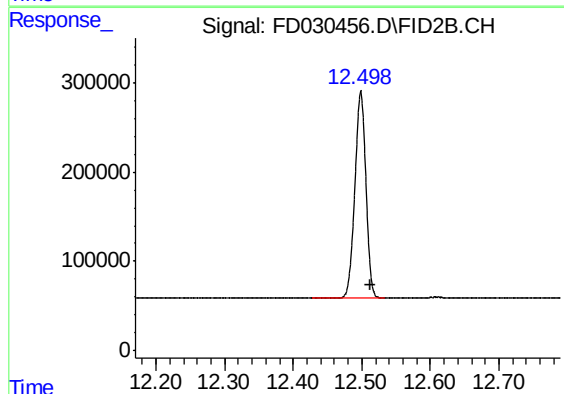
#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: -0.012 min
Response: 2652196
Conc: 20.74 ug/ml



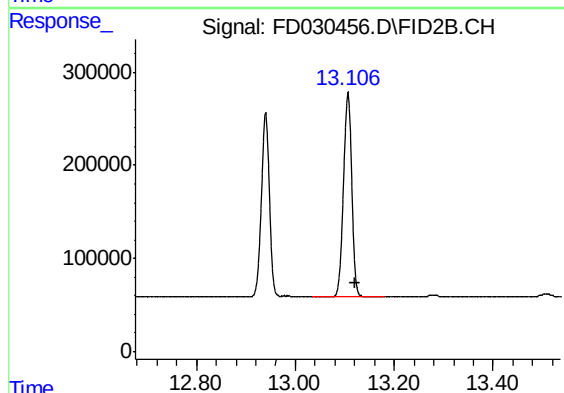
#9 ortho-Terphenyl (SURR)

R.T.: 11.513 min
Delta R.T.: -0.013 min
Response: 2726395
Conc: 19.83 ug/ml



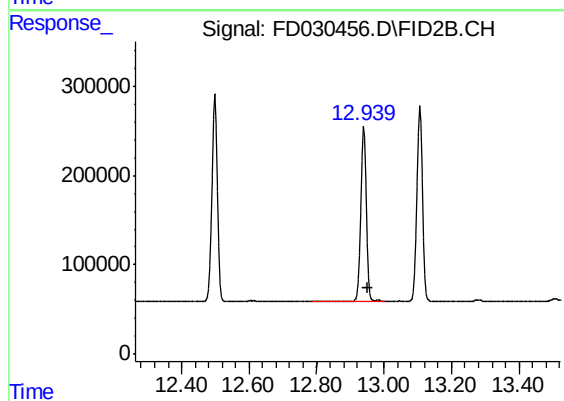
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.013 min
Response: 2581087
Conc: 19.88 ug/ml



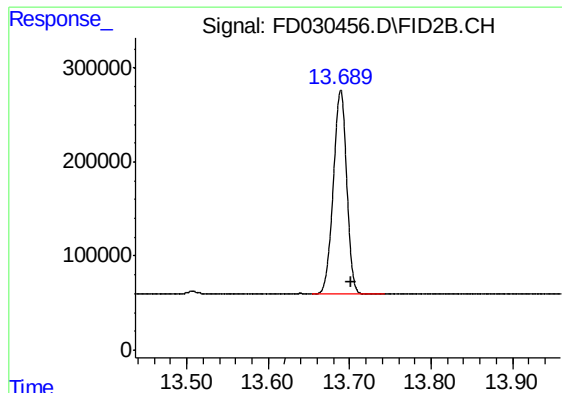
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: -0.013 min
Response: 2528055
Conc: 19.47 ug/ml



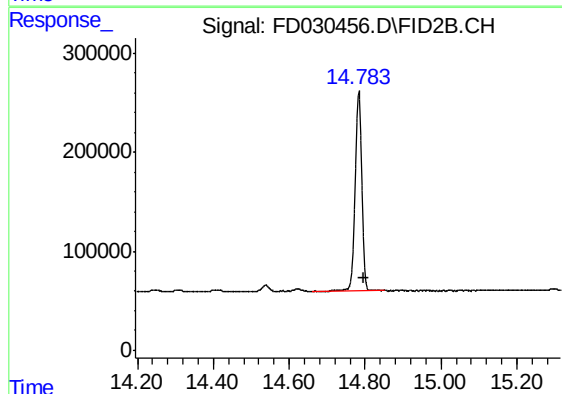
#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.013 min
Response: 2219366
Conc: 19.46 ug/ml



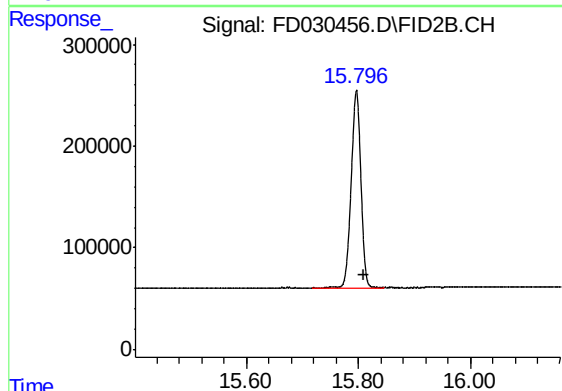
#13 n-Docosane (C22)

R.T.: 13.689 min
Delta R.T.: -0.013 min
Response: 2479989
Conc: 18.99 ug/ml



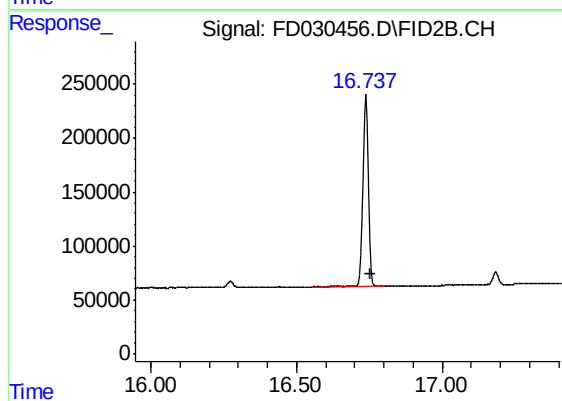
#14 n-Tetracosane (C24)

R.T.: 14.783 min
Delta R.T.: -0.013 min
Response: 2433525
Conc: 18.54 ug/ml



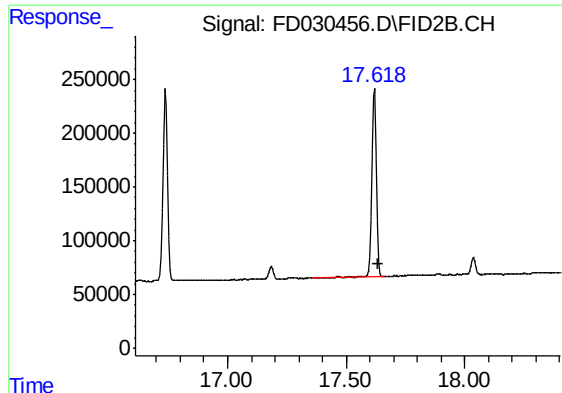
#15 n-Hexacosane (C26)

R.T.: 15.797 min
Delta R.T.: -0.014 min
Response: 2317311
Conc: 17.97 ug/ml



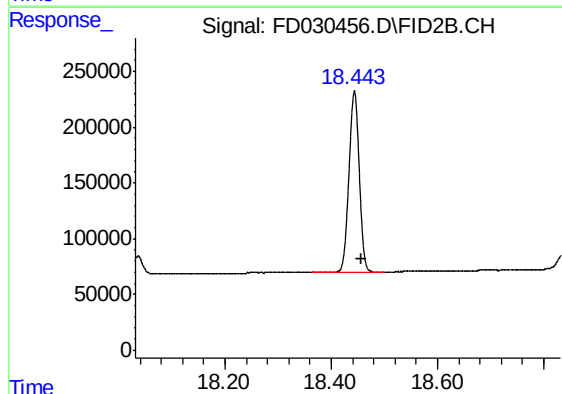
#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: -0.015 min
Response: 2307865
Conc: 18.19 ug/ml



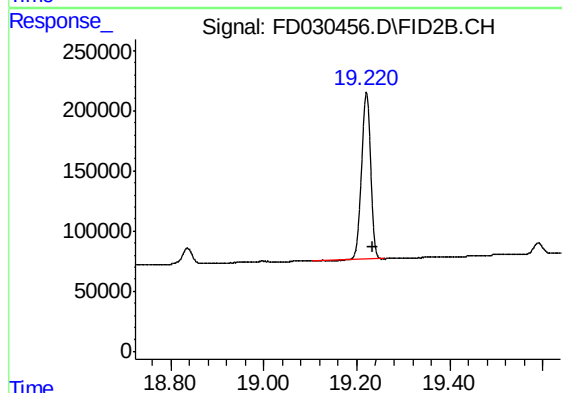
#17 n-Tricontane (C30)

R.T.: 17.618 min
Delta R.T.: -0.015 min
Response: 2337561
Conc: 19.29 ug/ml



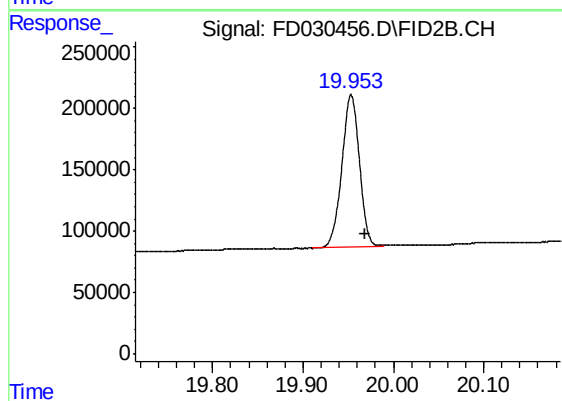
#18 n-Dotriacontane (C32)

R.T.: 18.444 min
Delta R.T.: -0.014 min
Response: 2188488
Conc: 19.52 ug/ml



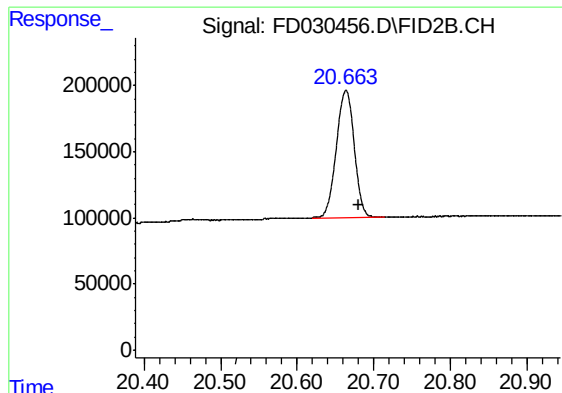
#19 n-Tetratriacontane (C34)

R.T.: 19.221 min
Delta R.T.: -0.013 min
Response: 1893346
Conc: 21.35 ug/ml



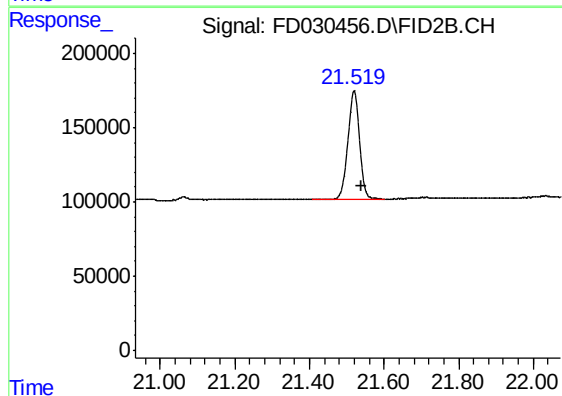
#20 n-Hexatriacontane (C36)

R.T.: 19.953 min
Delta R.T.: -0.016 min
Response: 1672620
Conc: 22.51 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.663 min
Delta R.T.: -0.018 min
Response: 1566230
Conc: 23.53 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.520 min
Delta R.T.: -0.021 min
Response: 1571057
Conc: 22.24 ug/ml