

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072919AL\
 Data File : FD029844.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jul 2019 11:22
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 30 01:17:53 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:45:46 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)	11.578	2706613	18.693 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	13.003	2204278	18.562 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
Target Compounds			
1) T n-Nonane (C9)	3.376	2413191	19.084 ug/ml
2) T n-Decane (C10)	4.439	2453190	19.099 ug/ml
3) T A~Naphthalene (C11.7)	6.019	2773565	18.948 ug/ml
4) T n-Dodecane (C12)	6.448	2466343	19.255 ug/ml
5) T A~2-methylnaphthalene...	7.069	2793314	18.981 ug/ml
6) T n-Tetradecane (C14)	8.234	2514941	19.520 ug/ml
7) T n-Hexadecane (C16)	9.826	2514443	19.301 ug/ml
8) T n-Octadecane (C18)	11.259	2530265	19.074 ug/ml
10) T n-Eicosane (C20)	12.560	2529022	18.748 ug/ml
11) T n-Heneicosane (C21)	13.168	2508148	18.578 ug/ml
13) T n-Docosane (C22)	13.750	2487658	18.332 ug/ml
14) T n-Tetracosane (C24)	14.845	2434913	17.867 ug/ml
15) T n-Hexacosane (C26)	15.859	2333962	17.293 ug/ml
16) T n-Octacosane (C28)	16.800	2242039	16.819 ug/ml
17) T n-Tricontane (C30)	17.679	2104722	16.531 ug/ml
18) T n-Dotriacontane (C32)	18.505	1899243	16.572 ug/ml
19) T n-Tetratriacontane (C34)	19.280	1601248	17.214 ug/ml
20) T n-Hexatriacontane (C36)	20.013	1451048	18.216 ug/ml
21) T n-Octatriacontane (C38)	20.730	1342201	19.065 ug/ml
22) T n-Tetracontane (C40)	21.605	1356622	17.312 ug/ml

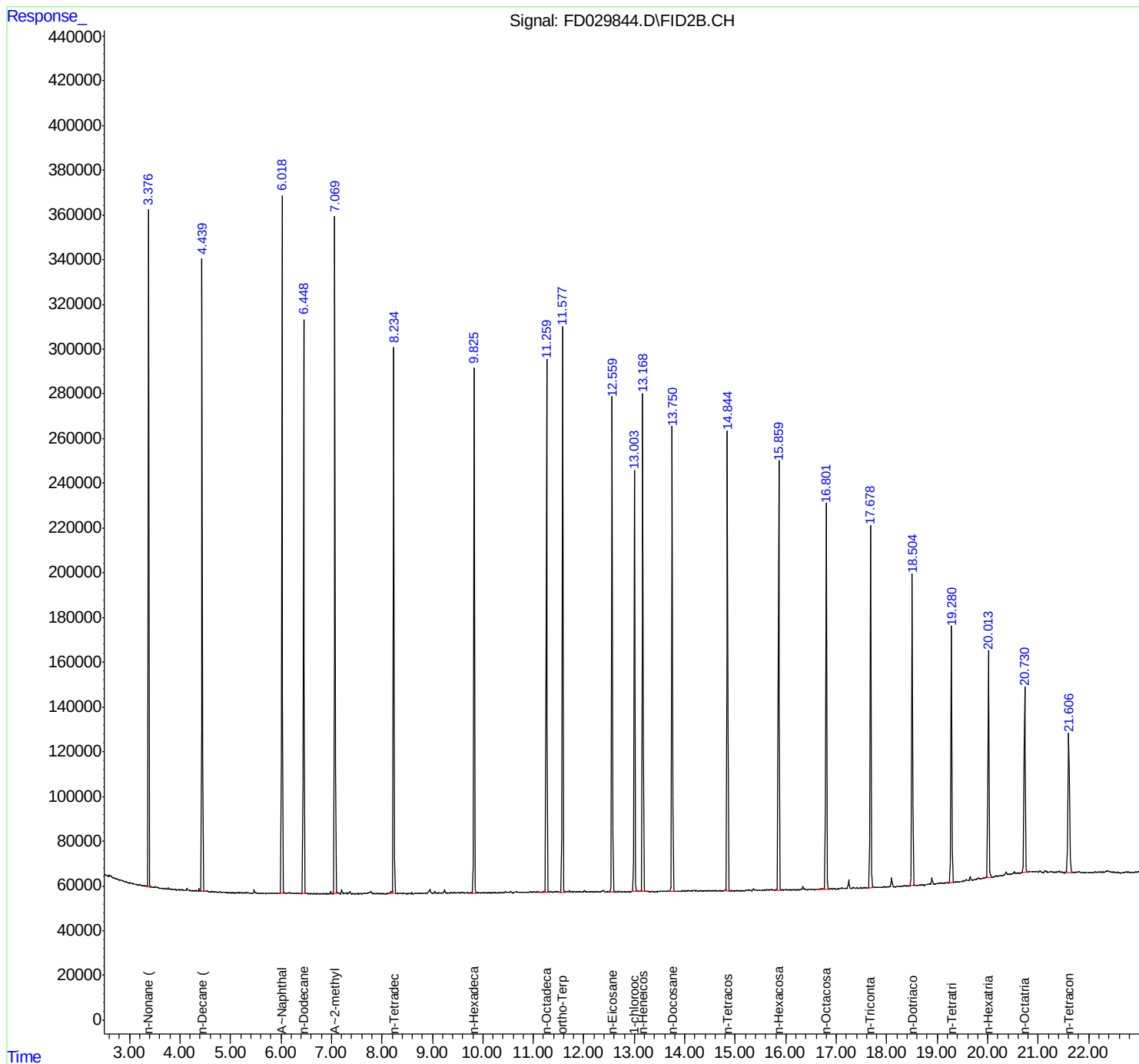
(f)=RT Delta > 1/2 Window

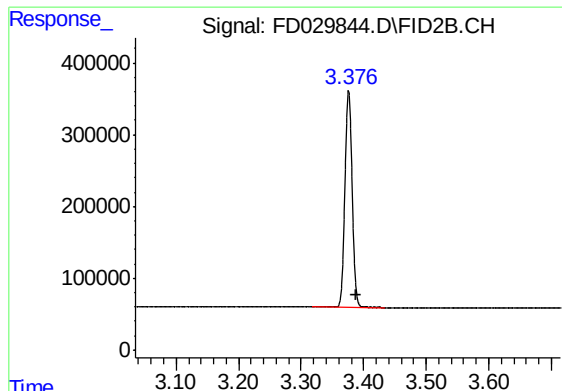
(m)=manual int.

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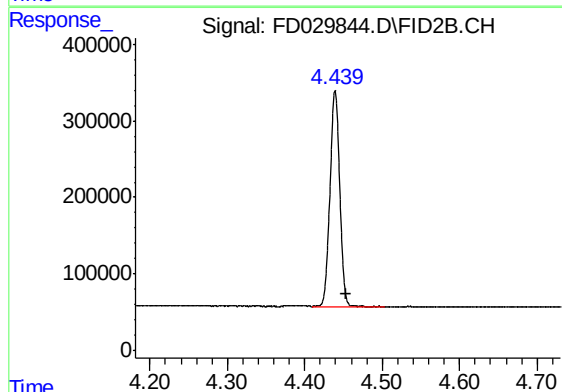
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Signal Info : 20M x 0.18mm x 0.18um





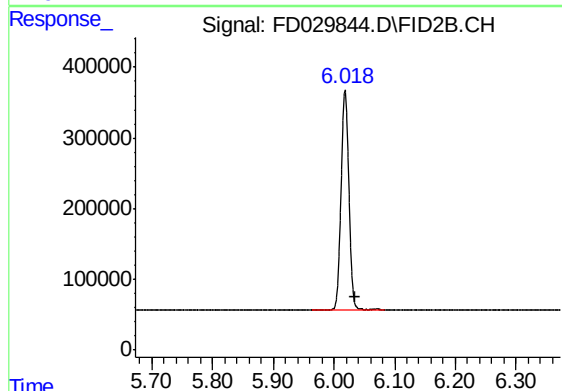
#1 n-Nonane (C9)

R.T.: 3.376 min
Delta R.T.: -0.013 min
Response: 2413191
Conc: 19.08 ug/ml



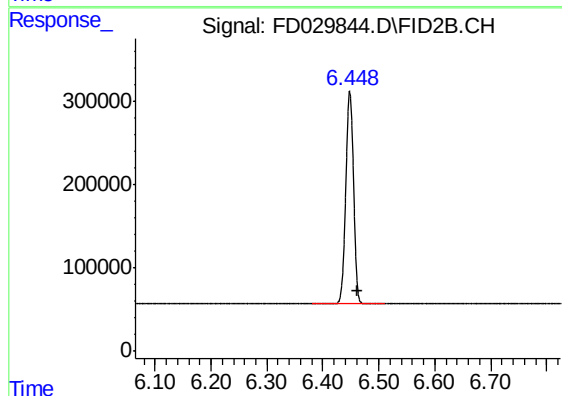
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.014 min
Response: 2453190
Conc: 19.10 ug/ml



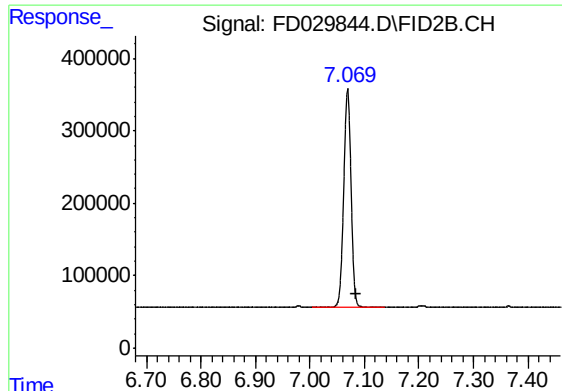
#3 A~Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: -0.016 min
Response: 2773565
Conc: 18.95 ug/ml



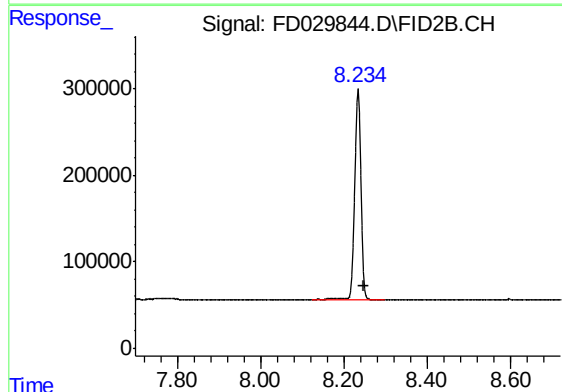
#4 n-Dodecane (C12)

R.T.: 6.448 min
Delta R.T.: -0.014 min
Response: 2466343
Conc: 19.25 ug/ml



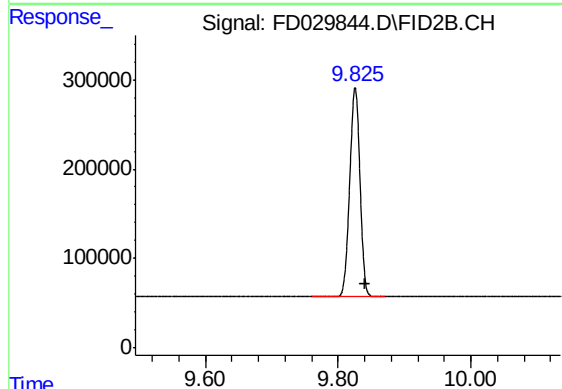
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.069 min
Delta R.T.: -0.016 min
Response: 2793314
Conc: 18.98 ug/ml



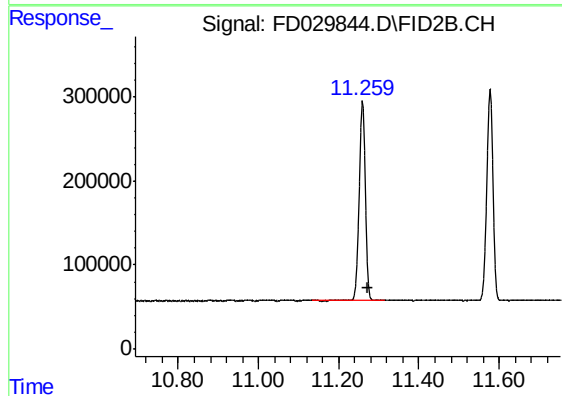
#6 n-Tetradecane (C14)

R.T.: 8.234 min
Delta R.T.: -0.014 min
Response: 2514941
Conc: 19.52 ug/ml



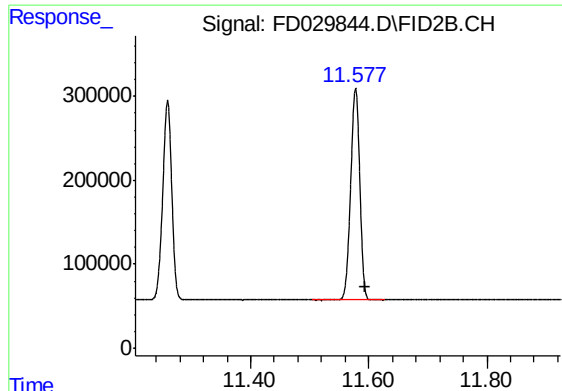
#7 n-Hexadecane (C16)

R.T.: 9.826 min
Delta R.T.: -0.015 min
Response: 2514443
Conc: 19.30 ug/ml



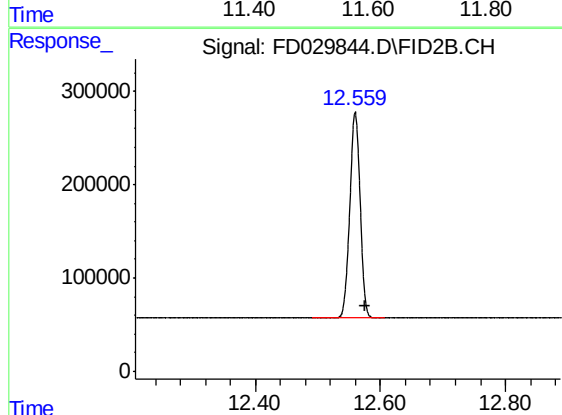
#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: -0.014 min
Response: 2530265
Conc: 19.07 ug/ml



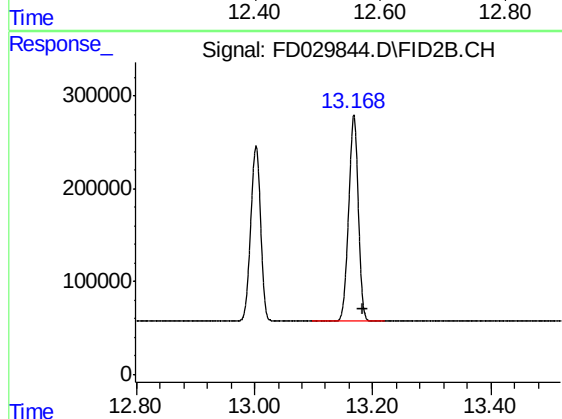
#9 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: -0.016 min
Response: 2706613
Conc: 18.69 ug/ml



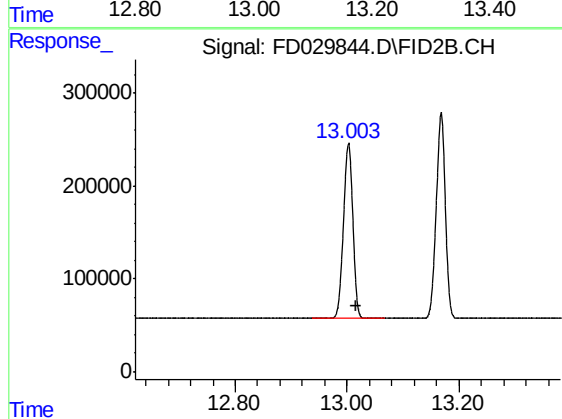
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.016 min
Response: 2529022
Conc: 18.75 ug/ml



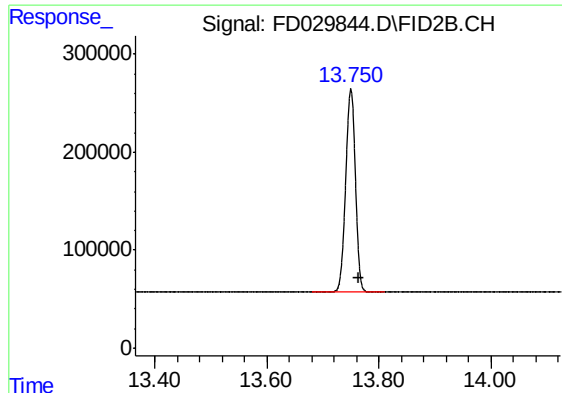
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: -0.015 min
Response: 2508148
Conc: 18.58 ug/ml



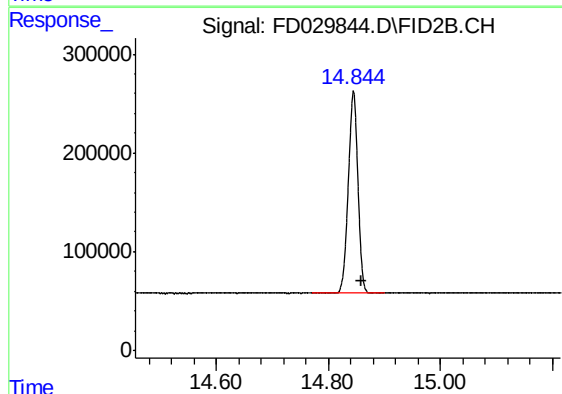
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.015 min
Response: 2204278
Conc: 18.56 ug/ml



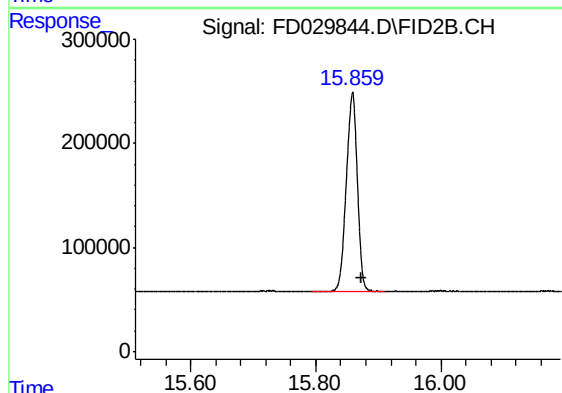
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.015 min
Response: 2487658
Conc: 18.33 ug/ml



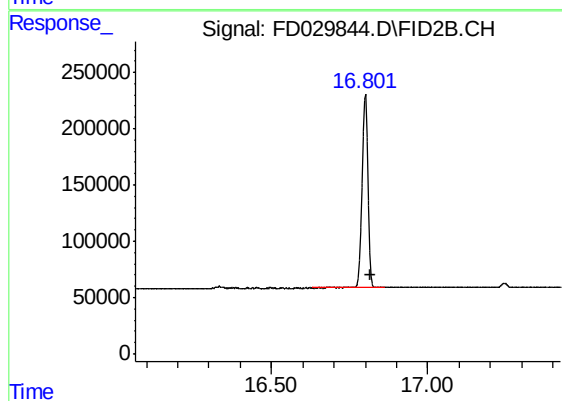
#14 n-Tetracosane (C24)

R.T.: 14.845 min
Delta R.T.: -0.015 min
Response: 2434913
Conc: 17.87 ug/ml



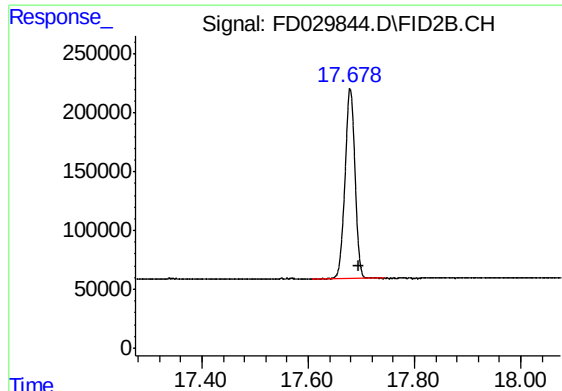
#15 n-Hexacosane (C26)

R.T.: 15.859 min
Delta R.T.: -0.014 min
Response: 2333962
Conc: 17.29 ug/ml



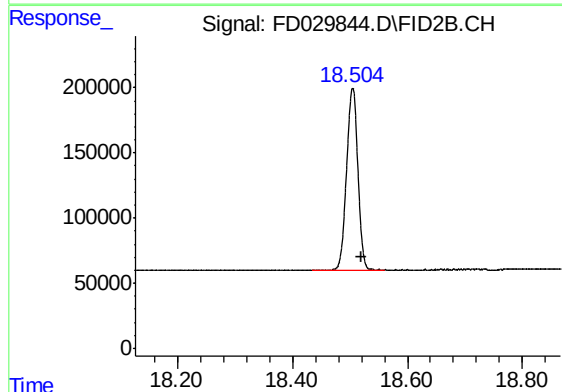
#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.015 min
Response: 2242039
Conc: 16.82 ug/ml



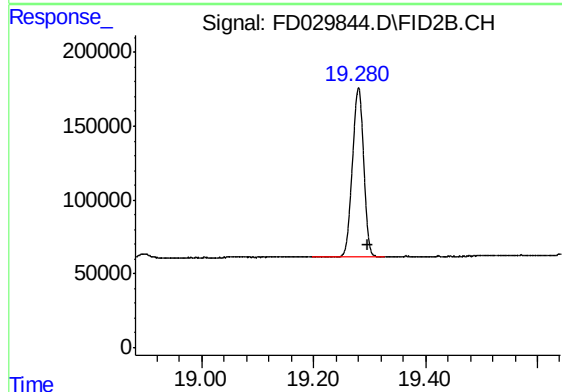
#17 n-Tricontane (C30)

R.T.: 17.679 min
Delta R.T.: -0.016 min
Response: 2104722
Conc: 16.53 ug/ml



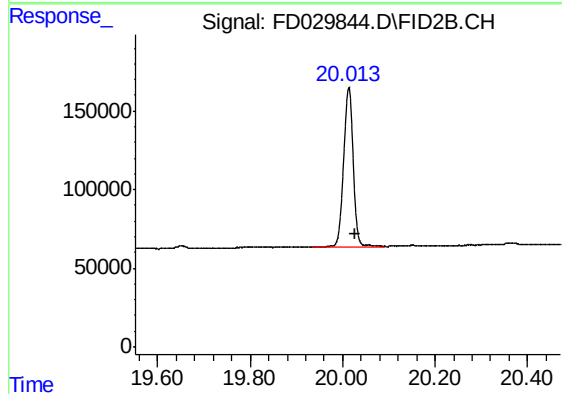
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: -0.015 min
Response: 1899243
Conc: 16.57 ug/ml



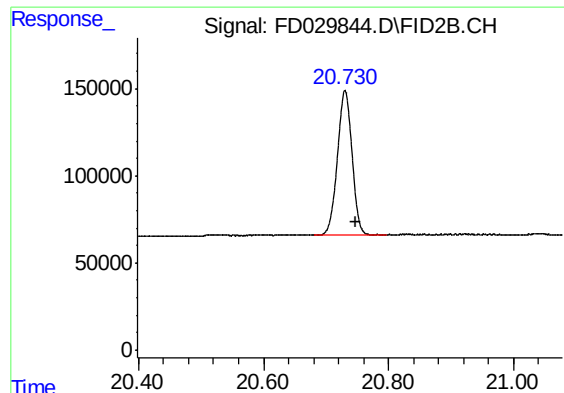
#19 n-Tetatriacontane (C34)

R.T.: 19.280 min
Delta R.T.: -0.016 min
Response: 1601248
Conc: 17.21 ug/ml



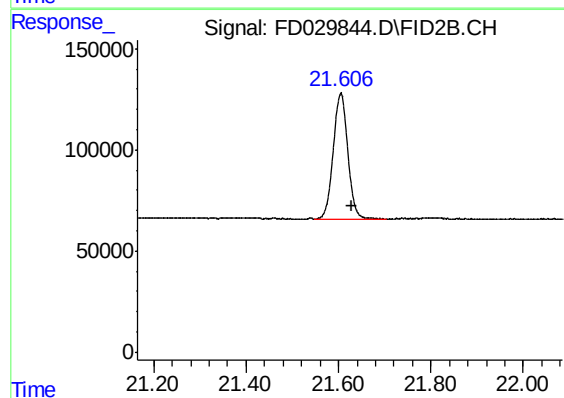
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: -0.014 min
Response: 1451048
Conc: 18.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.018 min
Response: 1342201
Conc: 19.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: -0.025 min
Response: 1356622
Conc: 17.31 ug/ml