

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082619AL\
 Data File : FD030306.D
 Signal(s) : FID2B.CH
 Acq On : 27 Aug 2019 2:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 27 03:39:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.543	2809570	20.440 ug/ml
Spiked Amount 50.000		Recovery =	40.88%
12) S 1-chlorooctadecane (S...	12.968	2267639	19.882 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T n-Nonane (C9)	3.347	2788096	23.298 ug/ml
2) T n-Decane (C10)	4.408	2842842	23.376 ug/ml
3) T A-Naphthalene (C11.7)	5.985	3171902	23.040 ug/ml
4) T n-Dodecane (C12)	6.415	2839108	23.283 ug/ml
5) T A~2-methylnaphthalene...	7.036	3168124	22.907 ug/ml
6) T n-Tetradecane (C14)	8.201	2826653	22.916 ug/ml
7) T n-Hexadecane (C16)	9.793	2800446	22.428 ug/ml
8) T n-Octadecane (C18)	11.226	2743632	21.460 ug/ml
10) T n-Eicosane (C20)	12.527	2664609	20.524 ug/ml
11) T n-Heneicosane (C21)	13.134	2602718	20.041 ug/ml
13) T n-Docosane (C22)	13.716	2547498	19.510 ug/ml
14) T n-Tetracosane (C24)	14.811	2453354	18.692 ug/ml
15) T n-Hexacosane (C26)	15.824	2329083	18.058 ug/ml
16) T n-Octacosane (C28)	16.767	2269737	17.889 ug/ml
17) T n-Tricontane (C30)	17.646	2207866	18.219 ug/ml
18) T n-Dotriacontane (C32)	18.472	2047591	18.261 ug/ml
19) T n-Tetratriacontane (C34)	19.249	1804183	20.348 ug/mlm
20) T n-Hexatriacontane (C36)	19.982	1623325	21.842 ug/mlm
21) T n-Octatriacontane (C38)	20.696	1538169	23.108 ug/mlm
22) T n-Tetracontane (C40)	21.560	1514359	21.439 ug/mlm

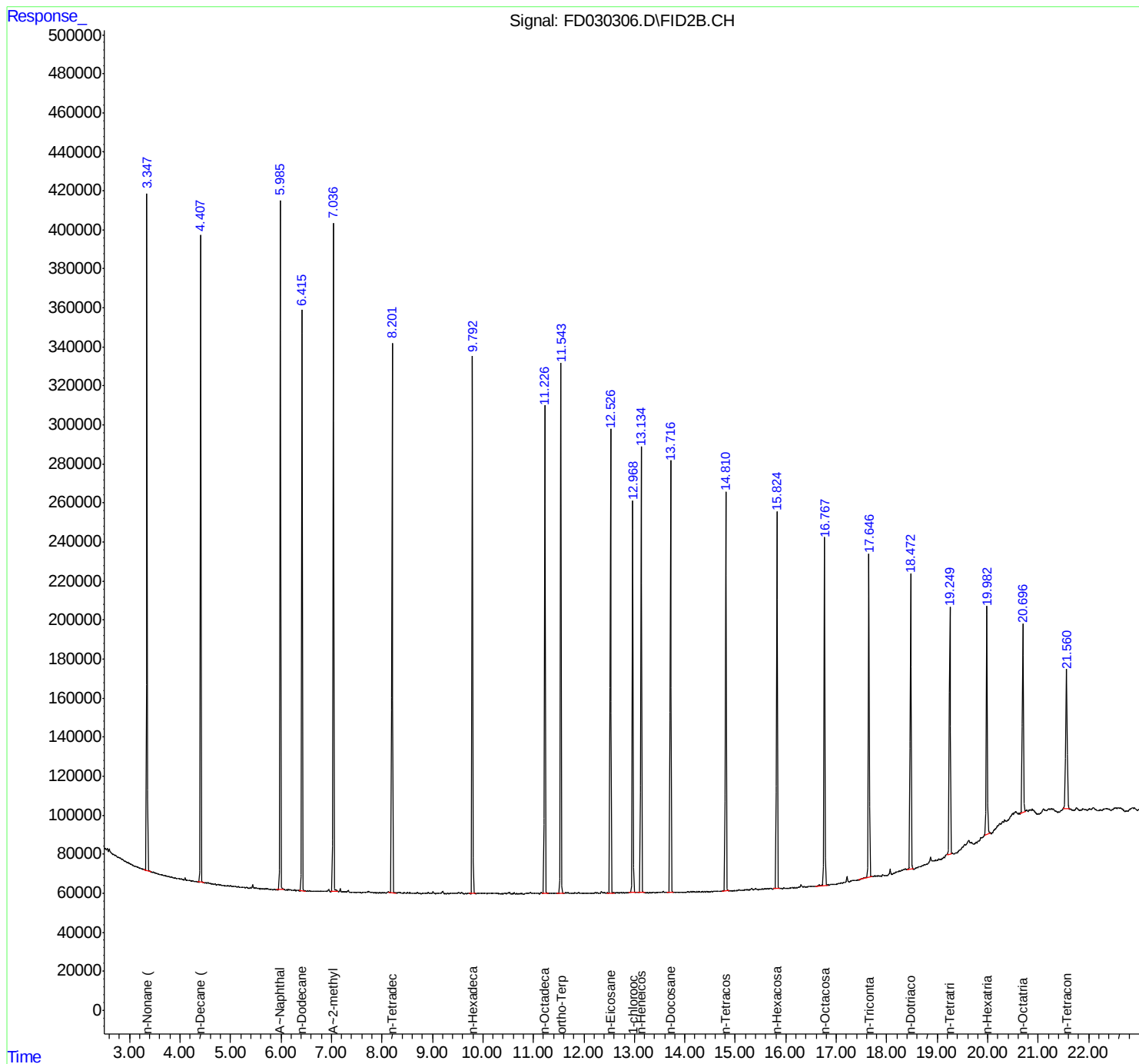
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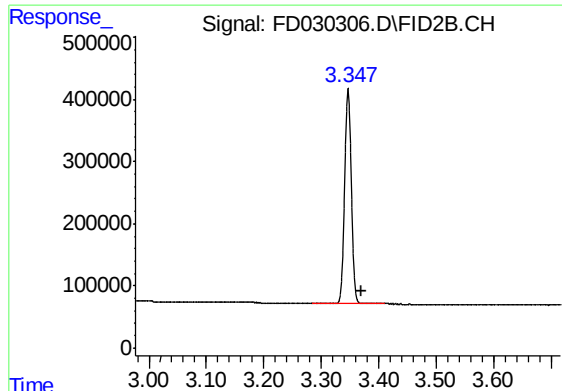
(m)=manual int.

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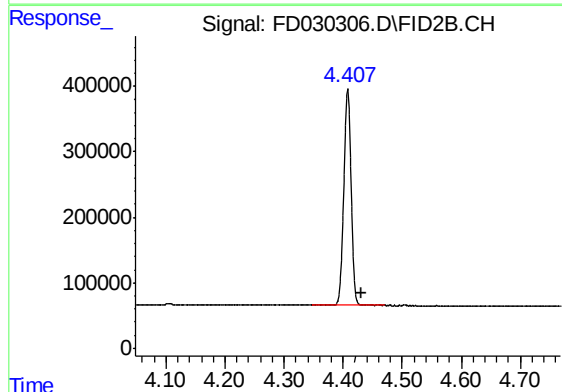
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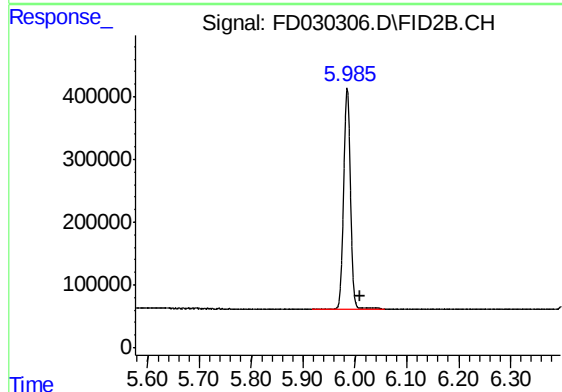
#1 n-Nonane (C9)

R.T.: 3.347 min
Delta R.T.: -0.022 min
Response: 2788096
Conc: 23.30 ug/ml



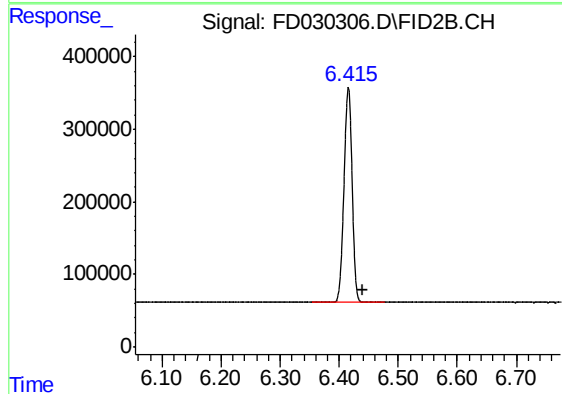
#2 n-Decane (C10)

R.T.: 4.408 min
Delta R.T.: -0.023 min
Response: 2842842
Conc: 23.38 ug/ml



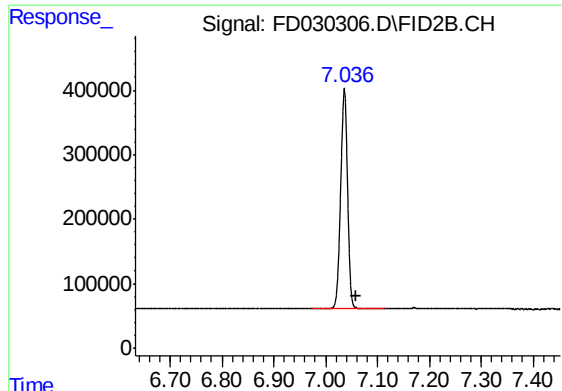
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: -0.024 min
Response: 3171902
Conc: 23.04 ug/ml



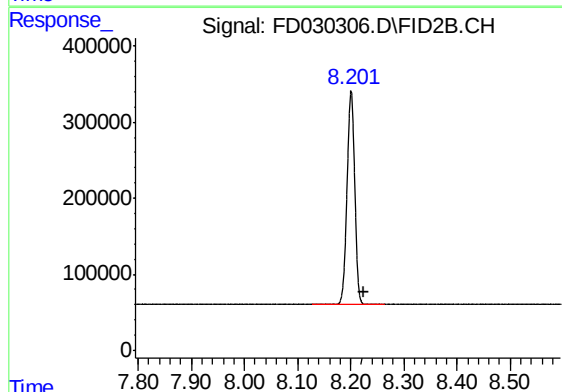
#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: -0.023 min
Response: 2839108
Conc: 23.28 ug/ml



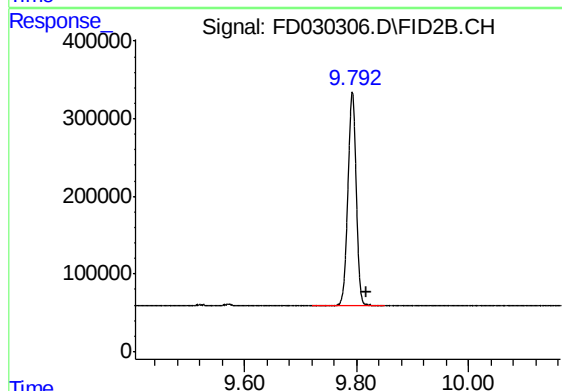
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.036 min
Delta R.T.: -0.024 min
Response: 3168124
Conc: 22.91 ug/ml



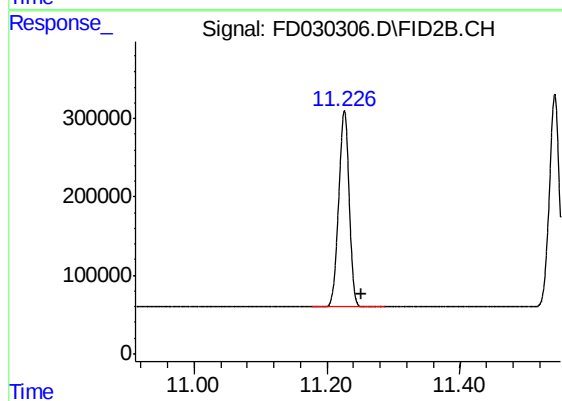
#6 n-Tetradecane (C14)

R.T.: 8.201 min
Delta R.T.: -0.025 min
Response: 2826653
Conc: 22.92 ug/ml



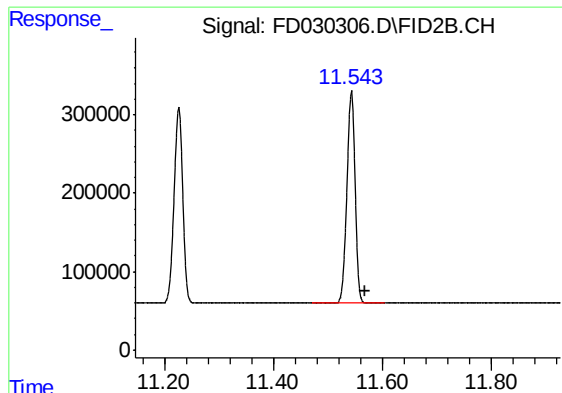
#7 n-Hexadecane (C16)

R.T.: 9.793 min
Delta R.T.: -0.025 min
Response: 2800446
Conc: 22.43 ug/ml



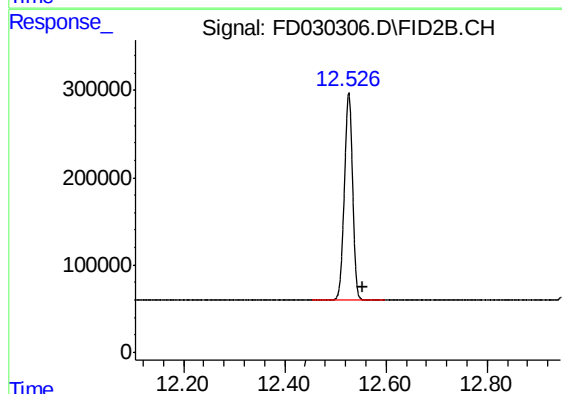
#8 n-Octadecane (C18)

R.T.: 11.226 min
Delta R.T.: -0.025 min
Response: 2743632
Conc: 21.46 ug/ml



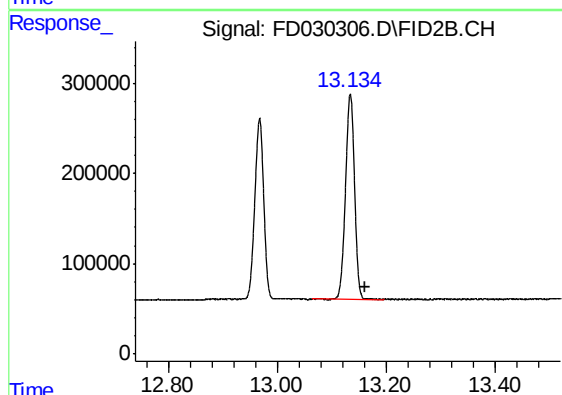
#9 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: -0.026 min
Response: 2809570
Conc: 20.44 ug/ml



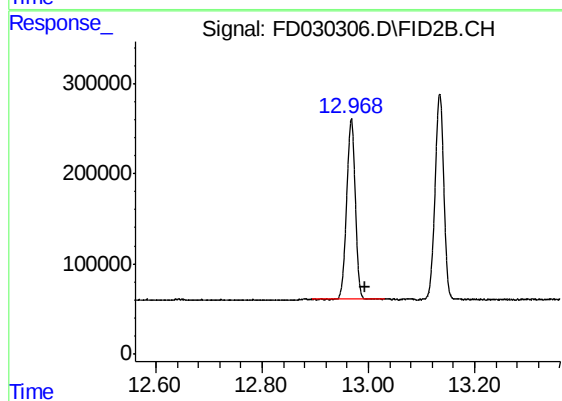
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.026 min
Response: 2664609
Conc: 20.52 ug/ml



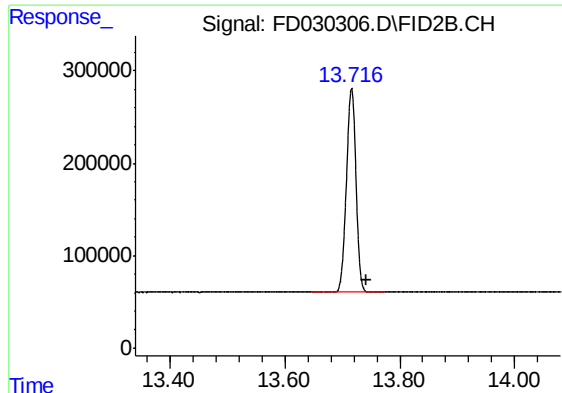
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.026 min
Response: 2602718
Conc: 20.04 ug/ml



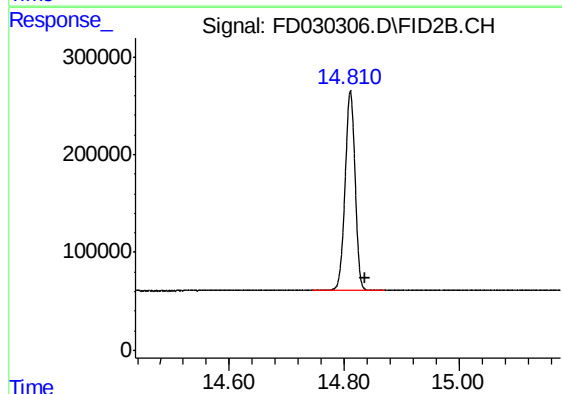
#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.027 min
Response: 2267639
Conc: 19.88 ug/ml



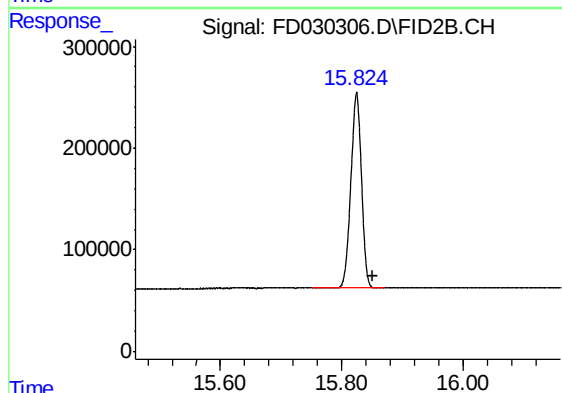
#13 n-Docosane (C22)

R.T.: 13.716 min
Delta R.T.: -0.026 min
Response: 2547498
Conc: 19.51 ug/ml



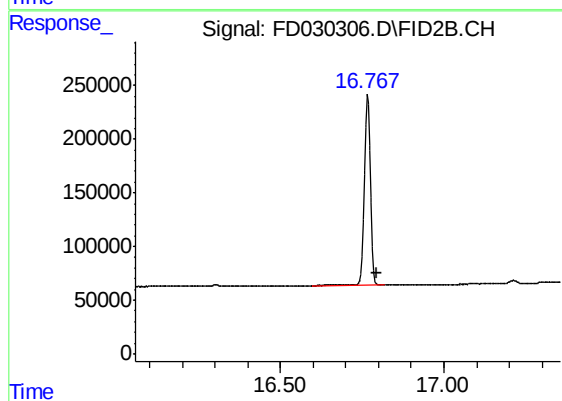
#14 n-Tetracosane (C24)

R.T.: 14.811 min
Delta R.T.: -0.026 min
Response: 2453354
Conc: 18.69 ug/ml



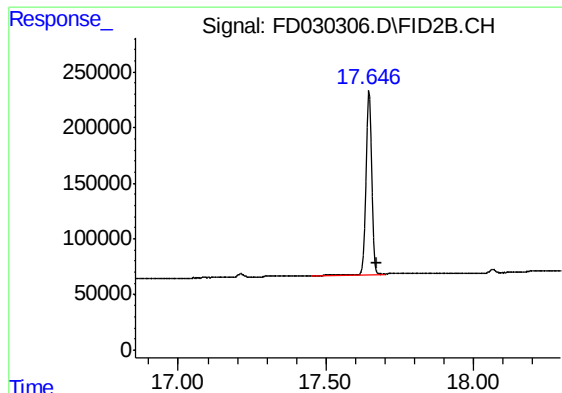
#15 n-Hexacosane (C26)

R.T.: 15.824 min
Delta R.T.: -0.026 min
Response: 2329083
Conc: 18.06 ug/ml



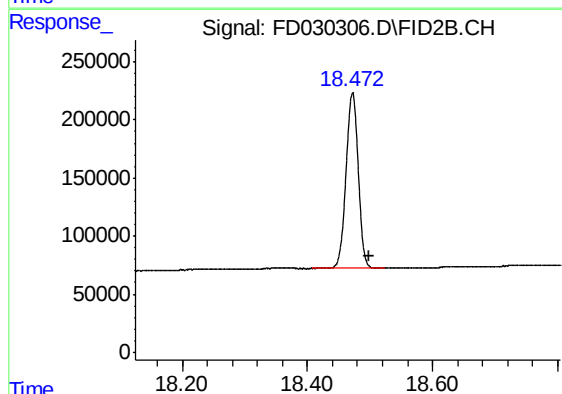
#16 n-Octacosane (C28)

R.T.: 16.767 min
Delta R.T.: -0.026 min
Response: 2269737
Conc: 17.89 ug/ml



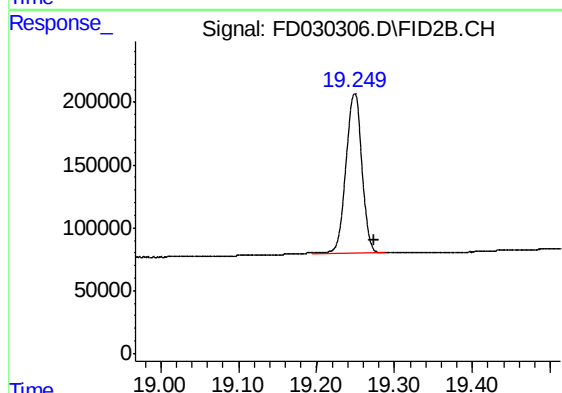
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: -0.026 min
Response: 2207866
Conc: 18.22 ug/ml



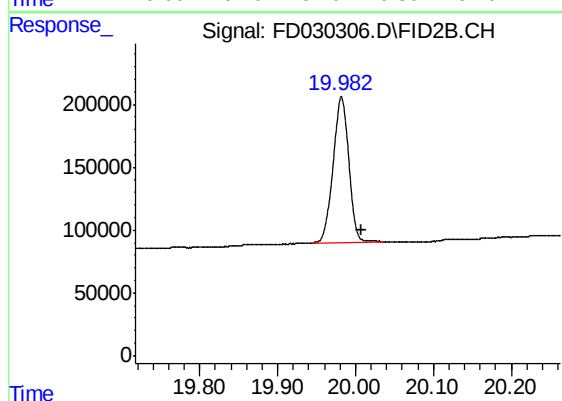
#18 n-Dotriacontane (C32)

R.T.: 18.472 min
Delta R.T.: -0.026 min
Response: 2047591
Conc: 18.26 ug/ml



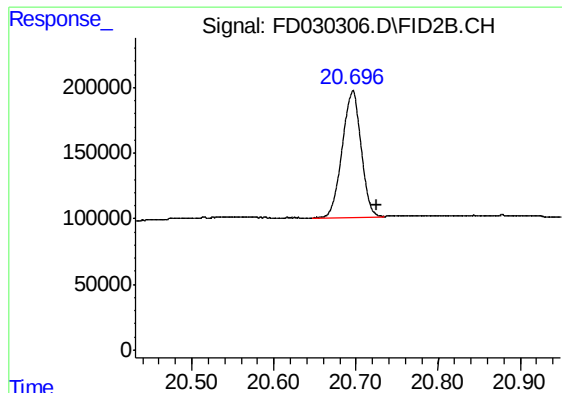
#19 n-Tetatriacontane (C34)

R.T.: 19.249 min
Delta R.T.: -0.026 min
Response: 1804183
Conc: 20.35 ug/ml m



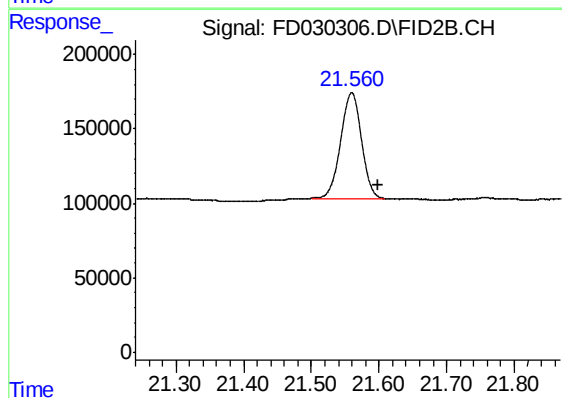
#20 n-Hexatriacontane (C36)

R.T.: 19.982 min
Delta R.T.: -0.026 min
Response: 1623325
Conc: 21.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.696 min
Delta R.T.: -0.028 min
Response: 1538169
Conc: 23.11 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.560 min
Delta R.T.: -0.039 min
Response: 1514359
Conc: 21.44 ug/ml m