

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083019AL\
 Data File : FD030441.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2019 6:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 31 07:24:51 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)	11.516	2731021	19.868 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	12.943	2219829	19.463 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.325	2642352	22.080 ug/ml
2) T n-Decane (C10)	4.385	2723744	22.397 ug/ml
3) T A-Naphthalene (C11.7)	5.961	3040766	22.087 ug/ml
4) T n-Dodecane (C12)	6.393	2727293	22.366 ug/ml
5) T A~2-methylnaphthalene...	7.012	3039464	21.977 ug/ml
6) T n-Tetradecane (C14)	8.178	2729499	22.129 ug/ml
7) T n-Hexadecane (C16)	9.770	2709771	21.702 ug/ml
8) T n-Octadecane (C18)	11.202	2660003	20.806 ug/ml
10) T n-Eicosane (C20)	12.503	2597068	20.003 ug/ml
11) T n-Heneicosane (C21)	13.110	2530388	19.484 ug/ml
13) T n-Docosane (C22)	13.692	2486787	19.045 ug/ml
14) T n-Tetracosane (C24)	14.787	2428403	18.502 ug/ml
15) T n-Hexacosane (C26)	15.800	2315439	17.952 ug/ml
16) T n-Octacosane (C28)	16.742	2311083	18.215 ug/ml
17) T n-Tricontane (C30)	17.622	2288372	18.883 ug/mlm
18) T n-Dotriacontane (C32)	18.447	2160743	19.270 ug/ml
19) T n-Tetratriacontane (C34)	19.226	1860759	20.987 ug/mlm
20) T n-Hexatriacontane (C36)	19.956	1649314	22.192 ug/mlm
21) T n-Octatriacontane (C38)	20.666	1542586	23.175 ug/mlm
22) T n-Tetracontane (C40)	21.526	1534549	21.725 ug/ml

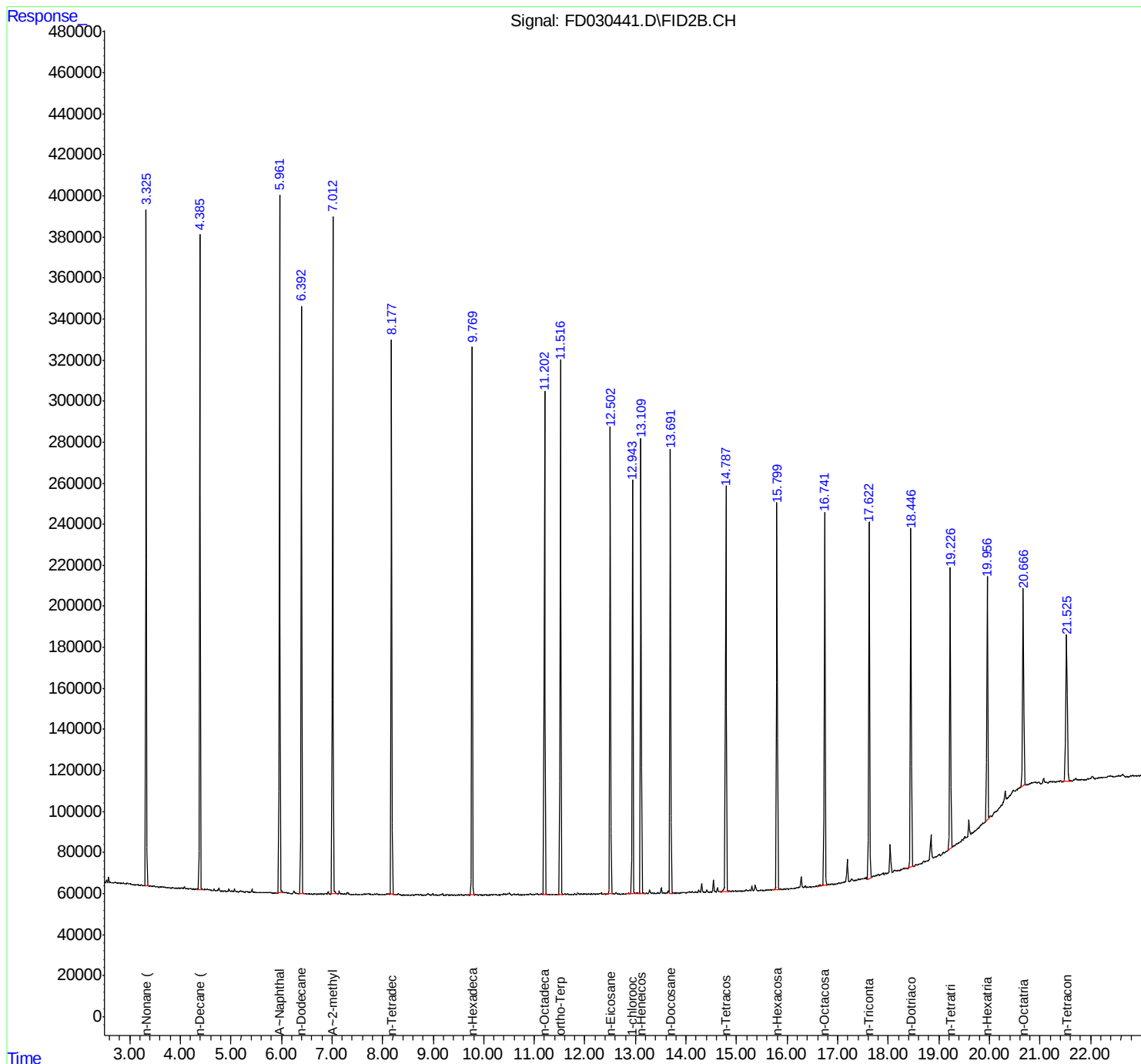
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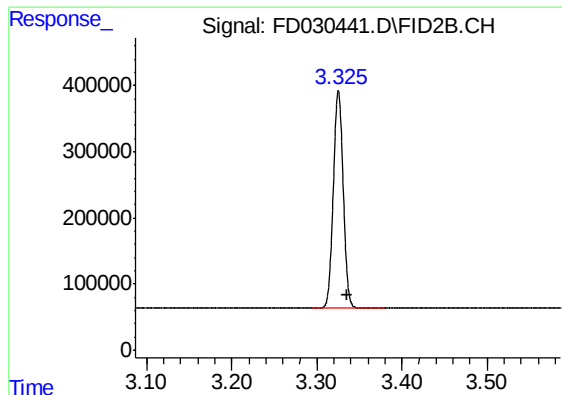
(m)=manual int.

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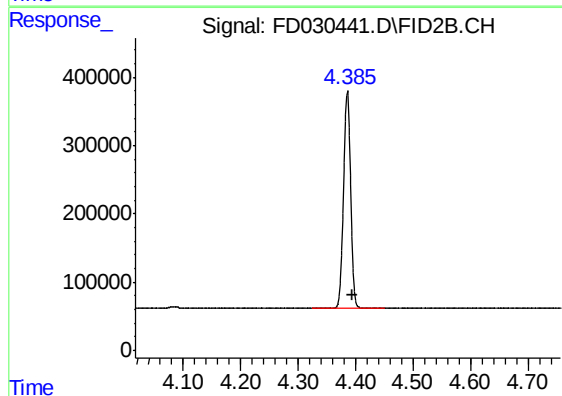
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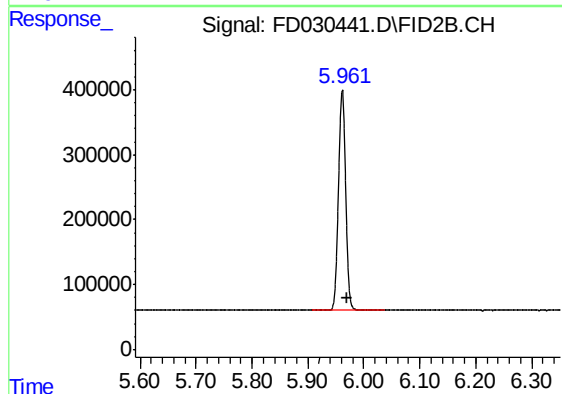
#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 2642352
Conc: 22.08 ug/ml



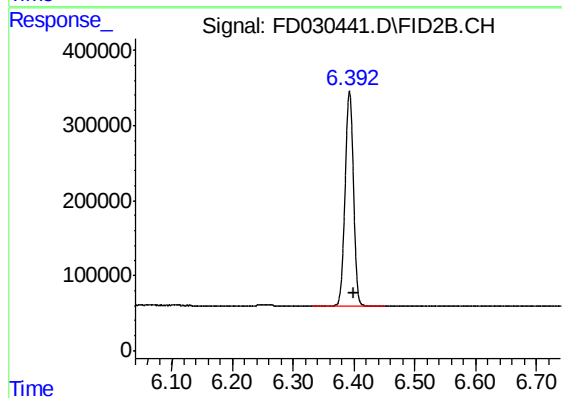
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: -0.008 min
Response: 2723744
Conc: 22.40 ug/ml



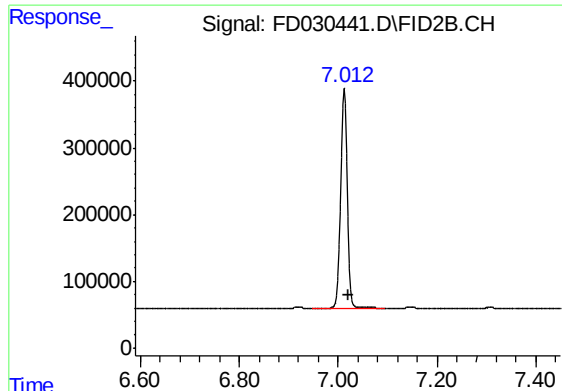
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.008 min
Response: 3040766
Conc: 22.09 ug/ml



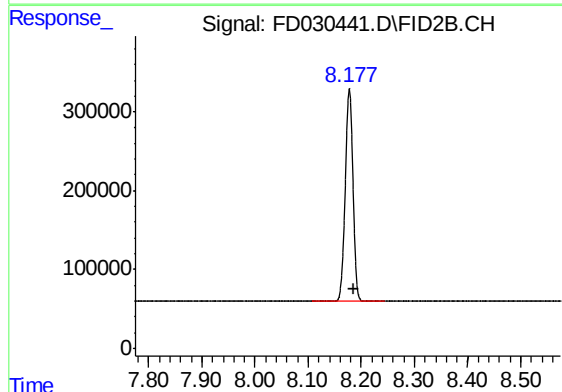
#4 n-Dodecane (C12)

R.T.: 6.393 min
Delta R.T.: -0.008 min
Response: 2727293
Conc: 22.37 ug/ml



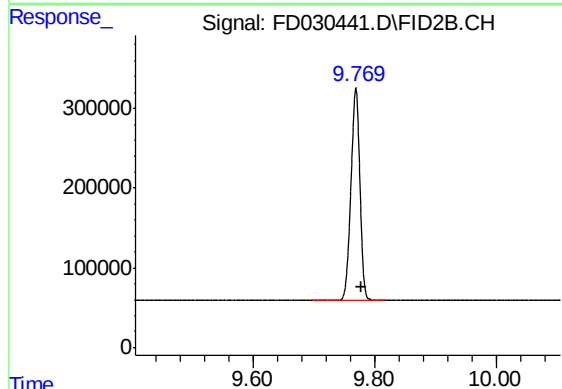
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: -0.009 min
Response: 3039464
Conc: 21.98 ug/ml



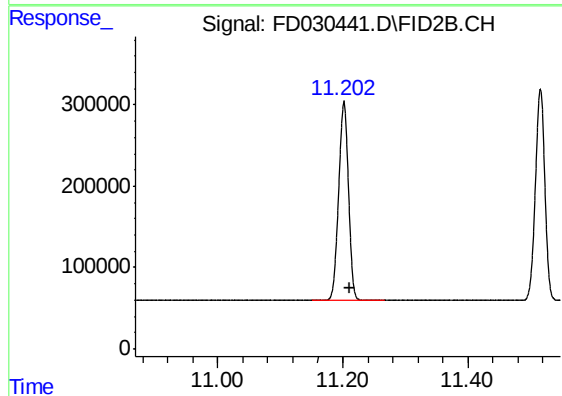
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.008 min
Response: 2729499
Conc: 22.13 ug/ml



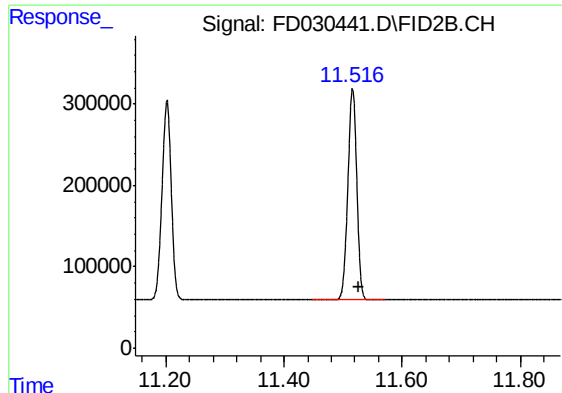
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.008 min
Response: 2709771
Conc: 21.70 ug/ml



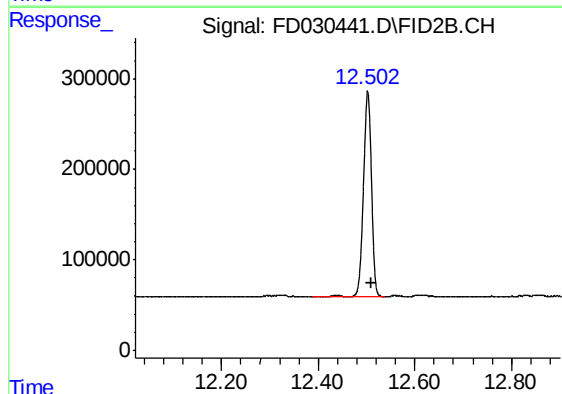
#8 n-Octadecane (C18)

R.T.: 11.202 min
Delta R.T.: -0.009 min
Response: 2660003
Conc: 20.81 ug/ml



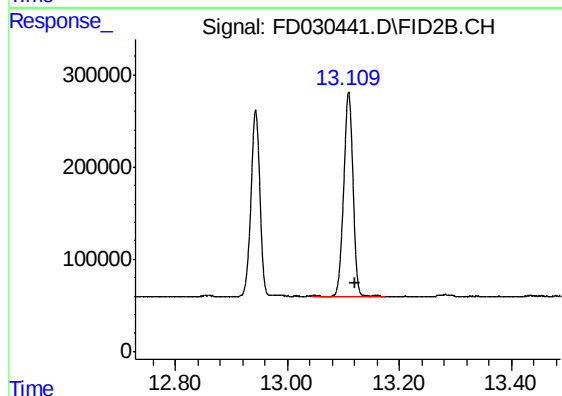
#9 ortho-Terphenyl (SURR)

R.T.: 11.516 min
Delta R.T.: -0.010 min
Response: 2731021
Conc: 19.87 ug/ml



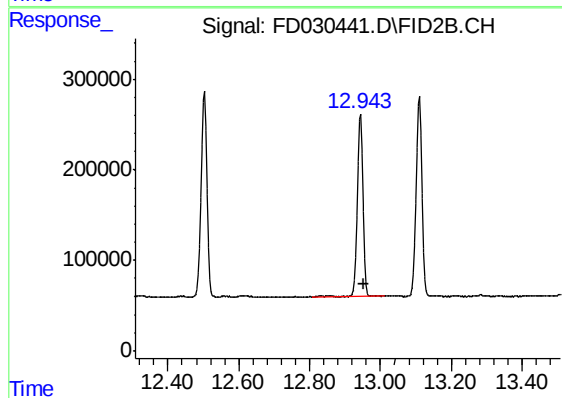
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: -0.009 min
Response: 2597068
Conc: 20.00 ug/ml



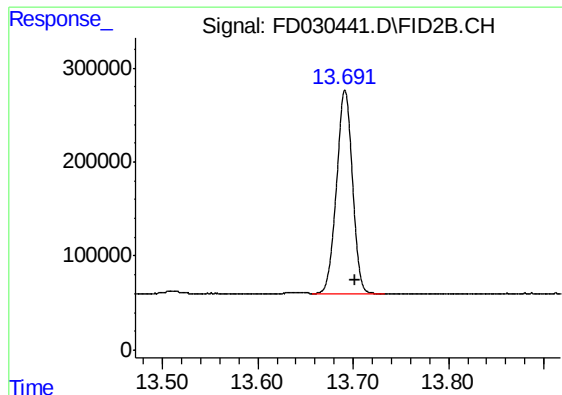
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.010 min
Response: 2530388
Conc: 19.48 ug/ml



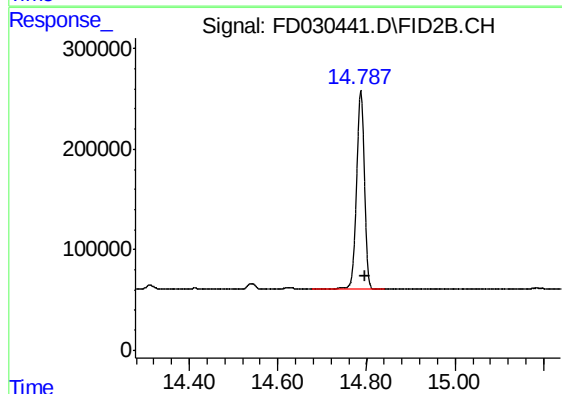
#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: -0.009 min
Response: 2219829
Conc: 19.46 ug/ml



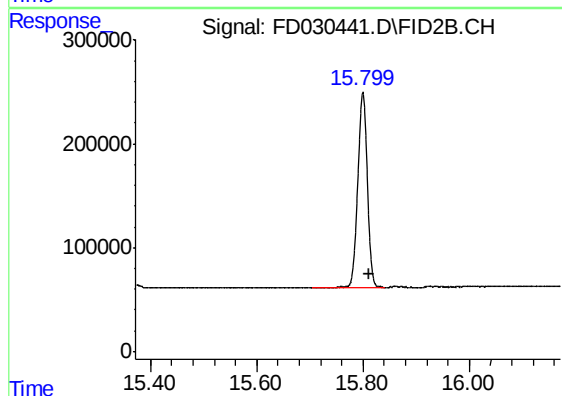
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: -0.010 min
Response: 2486787
Conc: 19.05 ug/ml



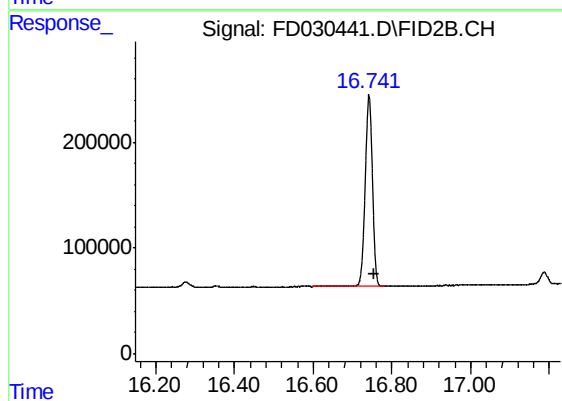
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.009 min
Response: 2428403
Conc: 18.50 ug/ml



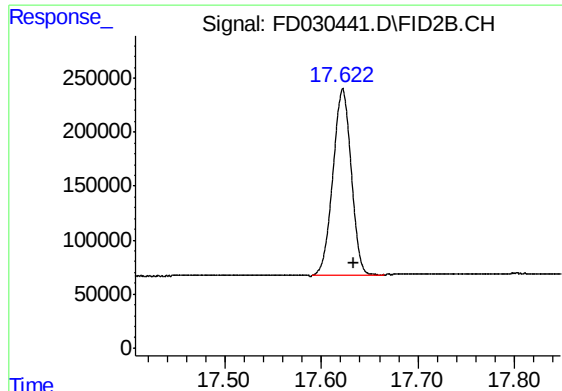
#15 n-Hexacosane (C26)

R.T.: 15.800 min
Delta R.T.: -0.011 min
Response: 2315439
Conc: 17.95 ug/ml



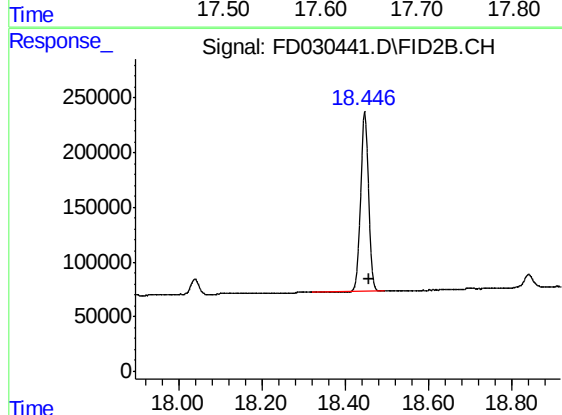
#16 n-Octacosane (C28)

R.T.: 16.742 min
Delta R.T.: -0.011 min
Response: 2311083
Conc: 18.21 ug/ml



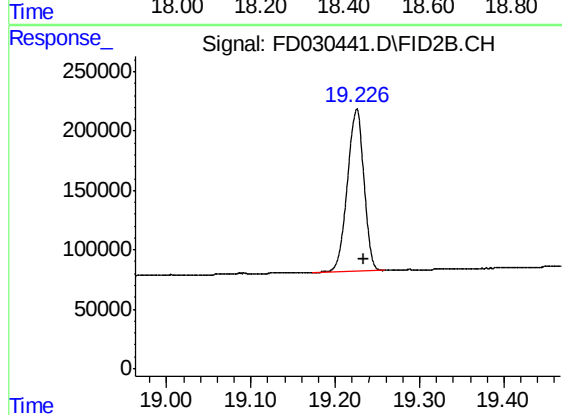
#17 n-Tricontane (C30)

R.T.: 17.622 min
Delta R.T.: -0.012 min
Response: 2288372
Conc: 18.88 ug/ml m



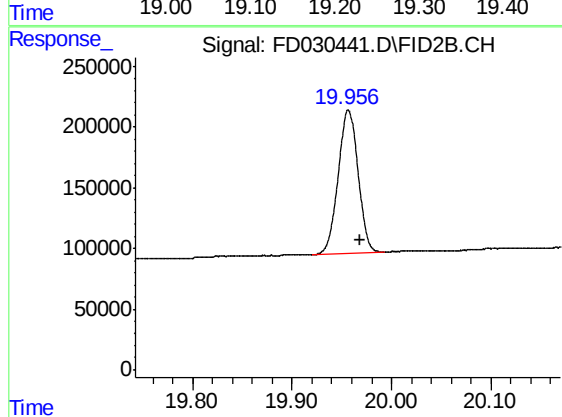
#18 n-Dotriacontane (C32)

R.T.: 18.447 min
Delta R.T.: -0.011 min
Response: 2160743
Conc: 19.27 ug/ml



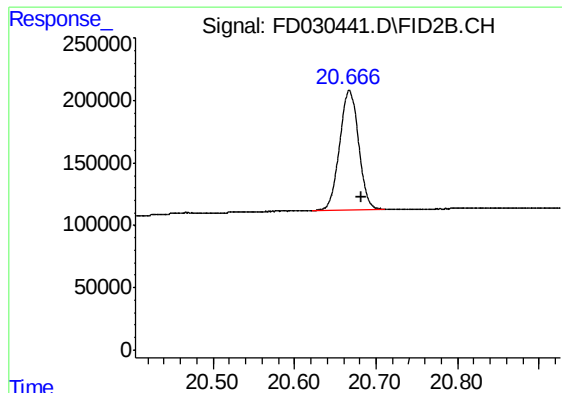
#19 n-Tetatriacontane (C34)

R.T.: 19.226 min
Delta R.T.: -0.008 min
Response: 1860759
Conc: 20.99 ug/ml m



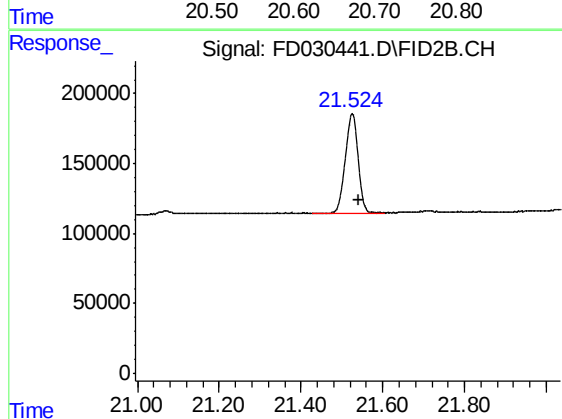
#20 n-Hexatriacontane (C36)

R.T.: 19.956 min
Delta R.T.: -0.012 min
Response: 1649314
Conc: 22.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.666 min
Delta R.T.: -0.015 min
Response: 1542586
Conc: 23.17 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.526 min
Delta R.T.: -0.015 min
Response: 1534549
Conc: 21.72 ug/ml