

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081719AL\
 Data File : FC042941.D
 Signal(s) : FID1A.CH
 Acq On : 16 Aug 2019 8:41
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 17 00:54:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 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)	11.675	2670738	18.801 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
12) S 1-chlorooctadecane (S...	13.096	2209546	18.615 ug/ml
Spiked Amount 50.000		Recovery =	37.23%
Target Compounds			
1) T n-Nonane (C9)	3.488	2553452	20.591 ug/ml
2) T n-Decane (C10)	4.549	2621104	20.892 ug/ml
3) T A~Naphthalene (C11.7)	6.134	2801134	20.679 ug/ml
4) T n-Dodecane (C12)	6.550	2644745	20.852 ug/ml
5) T A~2-methylnaphthalene...	7.182	2795675	20.552 ug/ml
6) T n-Tetradecane (C14)	8.330	2638190	20.676 ug/ml
7) T n-Hexadecane (C16)	9.919	2621381	20.280 ug/ml
8) T n-Octadecane (C18)	11.351	2610397	19.729 ug/ml
10) T n-Eicosane (C20)	12.652	2591379	19.171 ug/ml
11) T n-Heneicosane (C21)	13.261	2546989	18.842 ug/ml
13) T n-Docosane (C22)	13.843	2526454	18.609 ug/ml
14) T n-Tetracosane (C24)	14.941	2429536	17.843 ug/ml
15) T n-Hexacosane (C26)	15.956	2358453	17.484 ug/ml
16) T n-Octacosane (C28)	16.901	2306551	17.333 ug/ml
17) T n-Tricontane (C30)	17.785	2221578	17.350 ug/ml
18) T n-Dotriacontane (C32)	18.613	2043458	17.525 ug/ml
19) T n-Tetratriacontane (C34)	19.394	1713984	17.840 ug/ml
20) T n-Hexatriacontane (C36)	20.130	1524021	18.372 ug/ml
21) T n-Octatriacontane (C38)	20.871	1433766	19.380 ug/ml
22) T n-Tetracontane (C40)	21.794	1436333	19.885 ug/ml

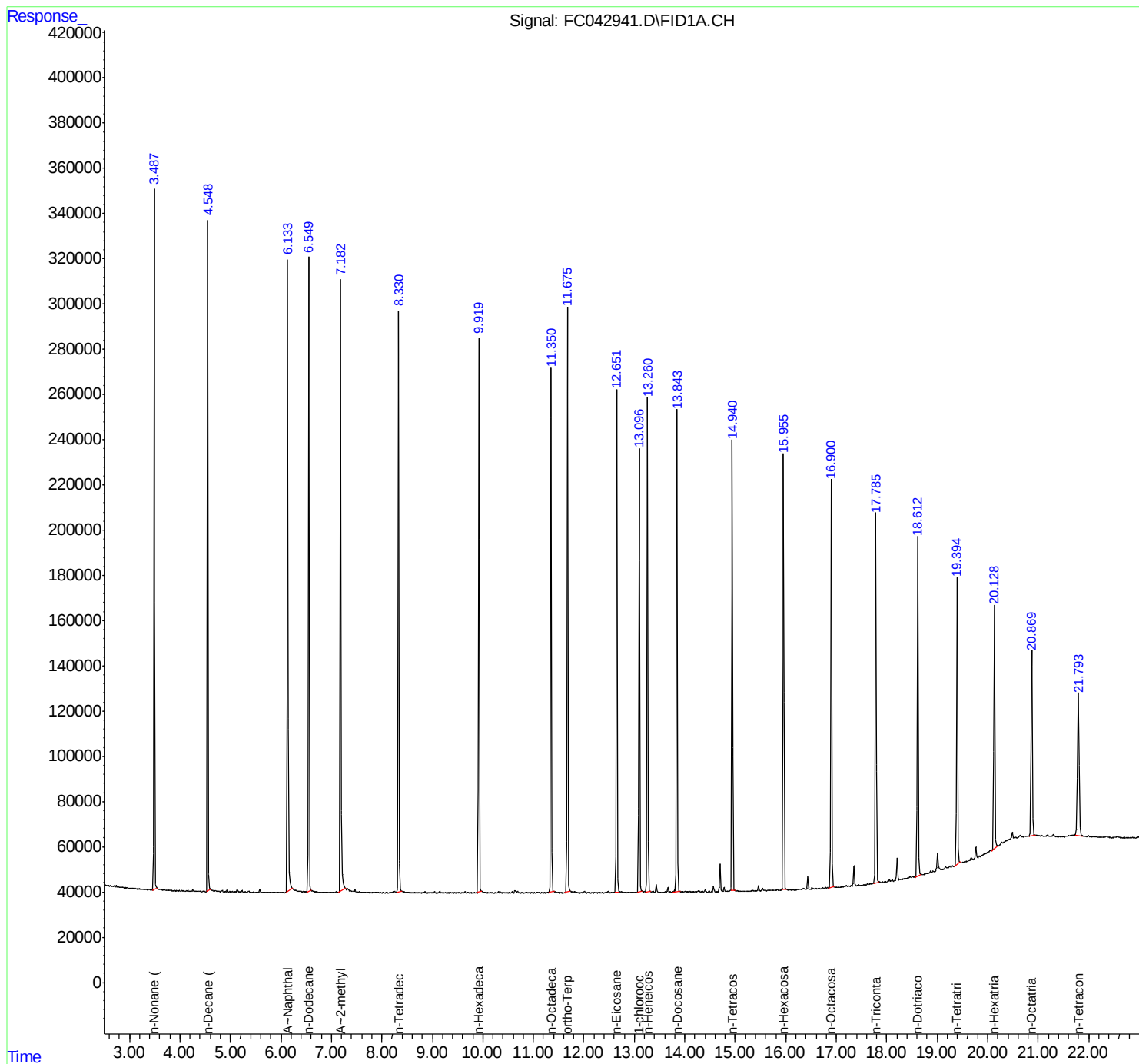
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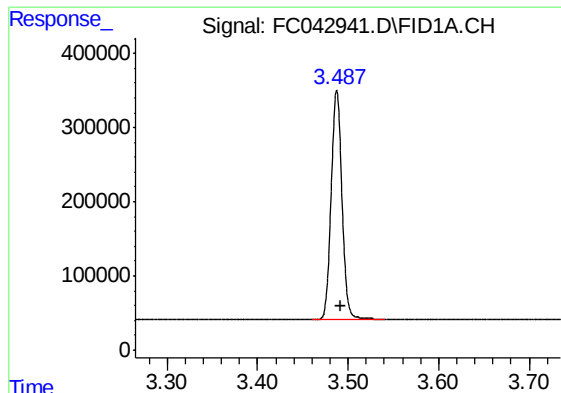
(m)=manual int.

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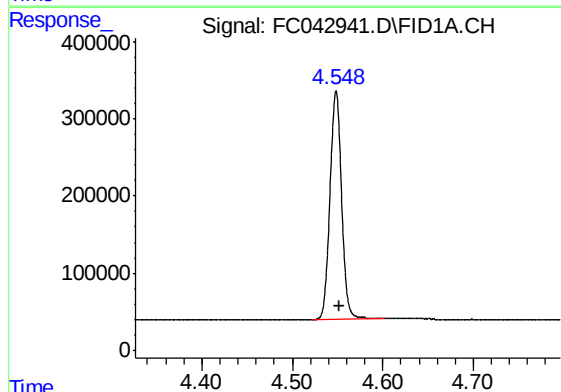
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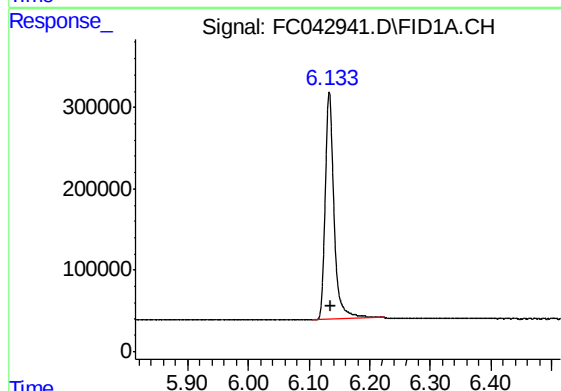
#1 n-Nonane (C9)

R.T.: 3.488 min
Delta R.T.: -0.004 min
Response: 2553452
Conc: 20.59 ug/ml



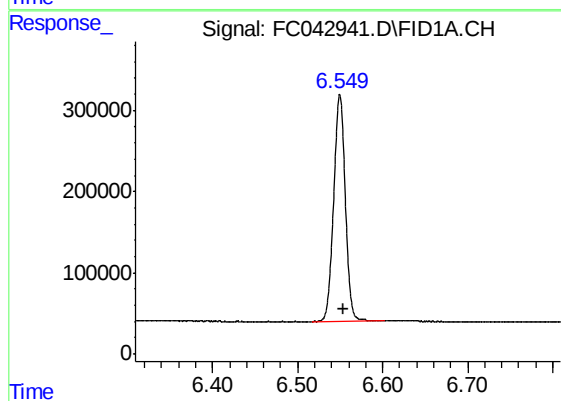
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.004 min
Response: 2621104
Conc: 20.89 ug/ml



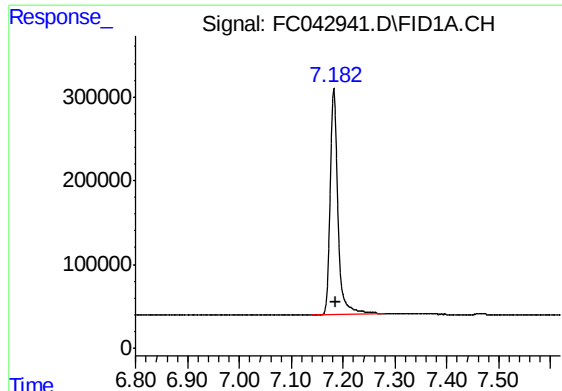
#3 A~Naphthalene (C11.7)

R.T.: 6.134 min
Delta R.T.: -0.003 min
Response: 2801134
Conc: 20.68 ug/ml



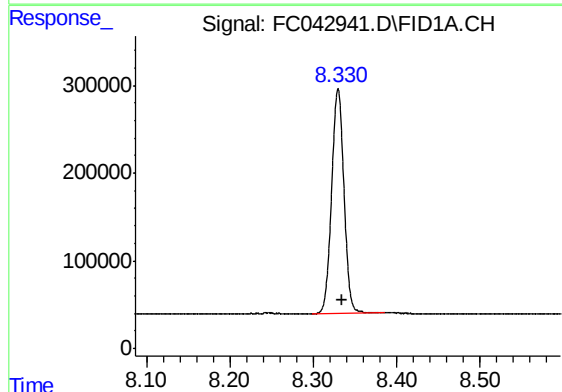
#4 n-Dodecane (C12)

R.T.: 6.550 min
Delta R.T.: -0.004 min
Response: 2644745
Conc: 20.85 ug/ml



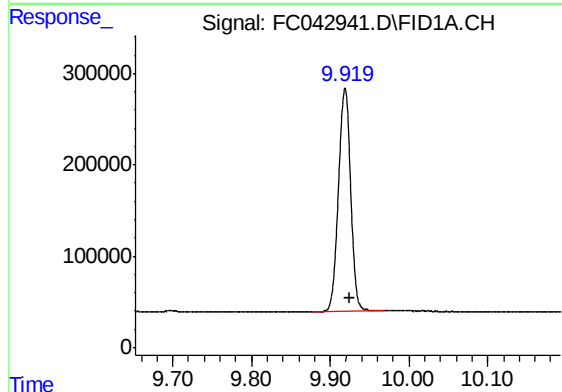
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 2795675
Conc: 20.55 ug/ml



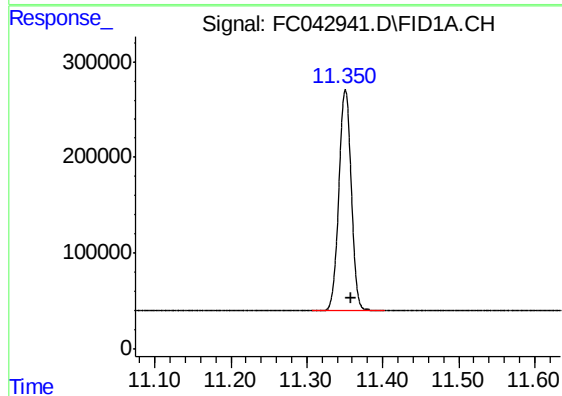
#6 n-Tetradecane (C14)

R.T.: 8.330 min
Delta R.T.: -0.005 min
Response: 2638190
Conc: 20.68 ug/ml



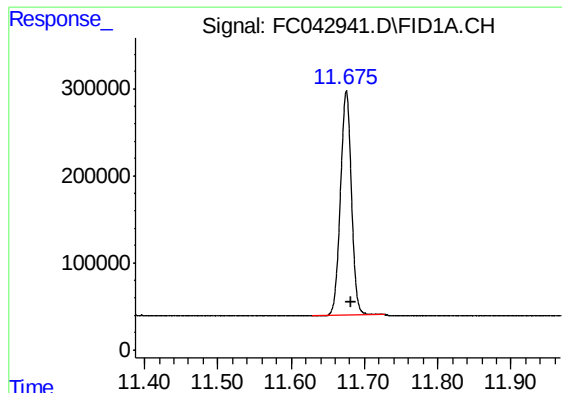
#7 n-Hexadecane (C16)

R.T.: 9.919 min
Delta R.T.: -0.006 min
Response: 2621381
Conc: 20.28 ug/ml



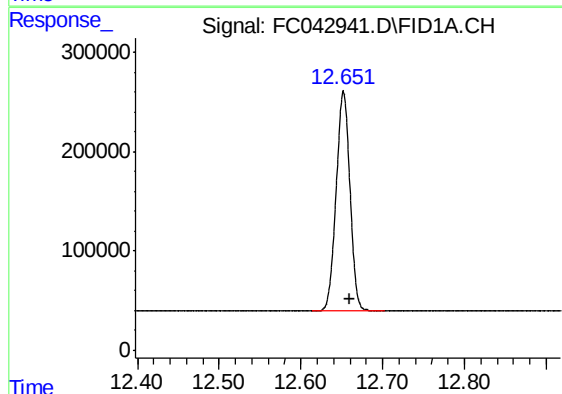
#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: -0.007 min
Response: 2610397
Conc: 19.73 ug/ml



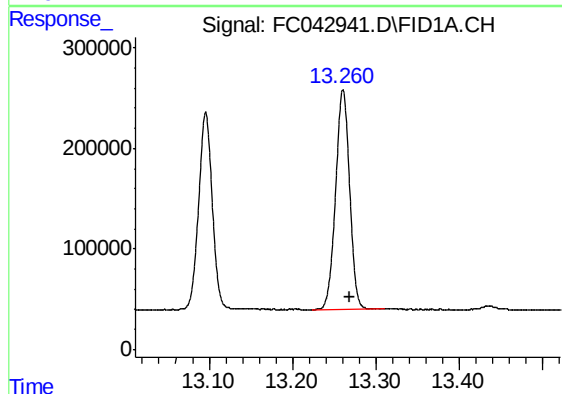
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.007 min
Response: 2670738
Conc: 18.80 ug/ml



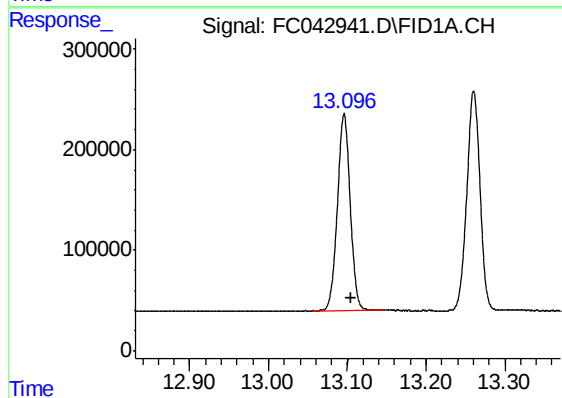
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: -0.008 min
Response: 2591379
Conc: 19.17 ug/ml



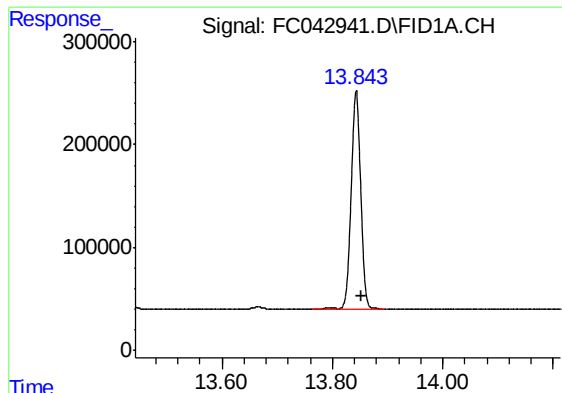
#11 n-Heneicosane (C21)

R.T.: 13.261 min
Delta R.T.: -0.008 min
Response: 2546989
Conc: 18.84 ug/ml



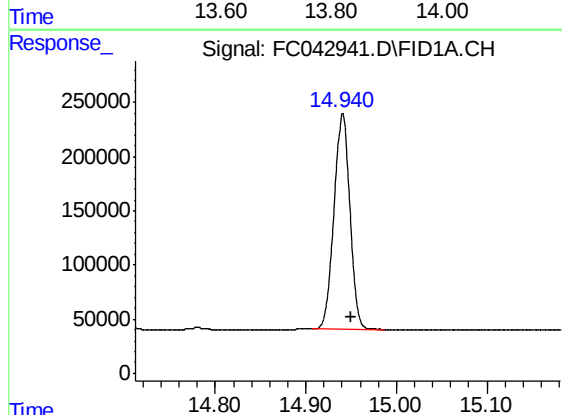
#12 1-chlorooctadecane (SURR)

R.T.: 13.096 min
Delta R.T.: -0.008 min
Response: 2209546
Conc: 18.61 ug/ml



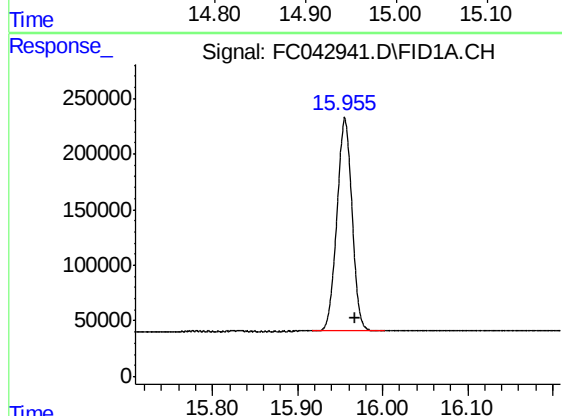
#13 n-Docosane (C22)

R.T.: 13.843 min
Delta R.T.: -0.009 min
Response: 2526454
Conc: 18.61 ug/ml



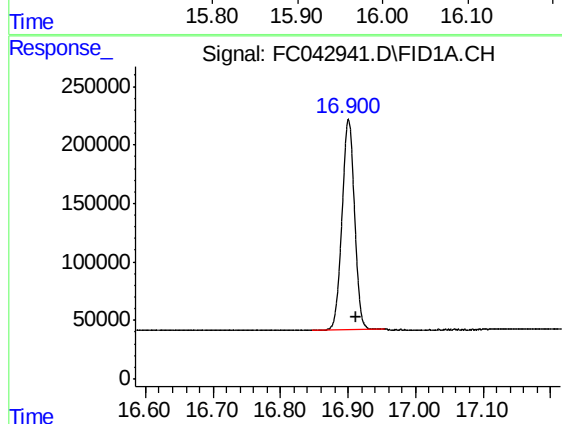
#14 n-Tetracosane (C24)

R.T.: 14.941 min
Delta R.T.: -0.009 min
Response: 2429536
Conc: 17.84 ug/ml



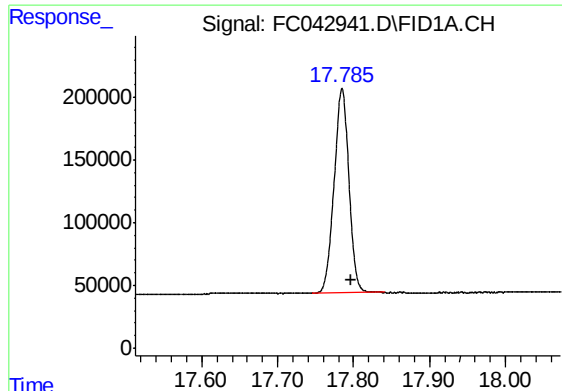
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: -0.011 min
Response: 2358453
Conc: 17.48 ug/ml



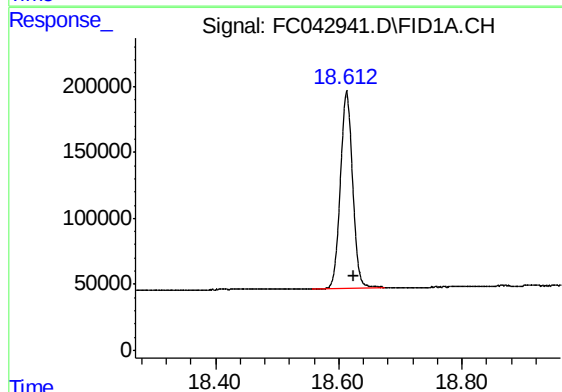
#16 n-Octacosane (C28)

R.T.: 16.901 min
Delta R.T.: -0.012 min
Response: 2306551
Conc: 17.33 ug/ml



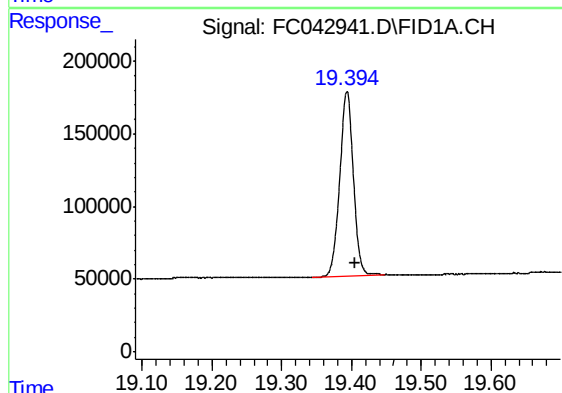
#17 n-Tricontane (C30)

R.T.: 17.785 min
Delta R.T.: -0.011 min
Response: 2221578
Conc: 17.35 ug/ml



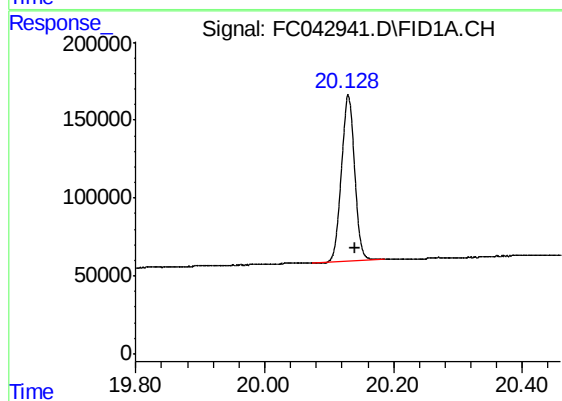
#18 n-Dotriacontane (C32)

R.T.: 18.613 min
Delta R.T.: -0.012 min
Response: 2043458
Conc: 17.53 ug/ml



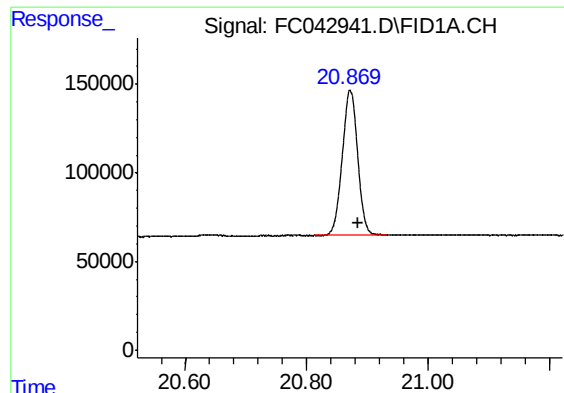
#19 n-Tetatriacontane (C34)

R.T.: 19.394 min
Delta R.T.: -0.011 min
Response: 1713984
Conc: 17.84 ug/ml



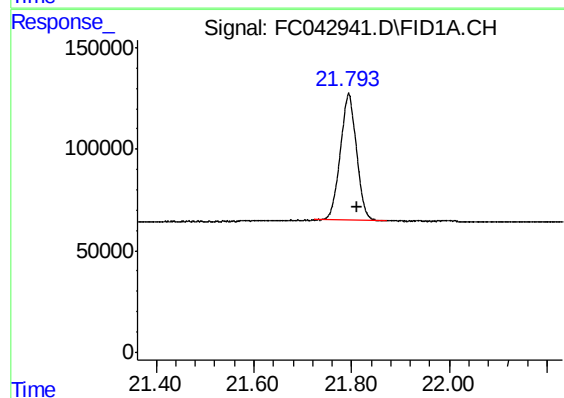
#20 n-Hexatriacontane (C36)

R.T.: 20.130 min
Delta R.T.: -0.011 min
Response: 1524021
Conc: 18.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.871 min
Delta R.T.: -0.013 min
Response: 1433766
Conc: 19.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.794 min
Delta R.T.: -0.016 min
Response: 1436333
Conc: 19.89 ug/ml