

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062019AL\
 Data File : FC041924.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jun 2019 5:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 21 06:40:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:03:58 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)	11.707	2655401	19.959 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
12) S 1-chlorooctadecane (S...	13.132	2131268	19.396 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.493	2568351	22.101 ug/ml
2) T n-Decane (C10)	4.559	2634900	22.391 ug/ml
3) T A~Naphthalene (C11.7)	6.147	2892566	21.763 ug/ml
4) T n-Dodecane (C12)	6.567	2640174	22.231 ug/ml
5) T A~2-methylnaphthalene...	7.198	2874212	21.587 ug/ml
6) T n-Tetradecane (C14)	8.353	2647564	21.908 ug/ml
7) T n-Hexadecane (C16)	9.946	2626353	21.430 ug/ml
8) T n-Octadecane (C18)	11.383	2585969	20.870 ug/ml
10) T n-Eicosane (C20)	12.688	2533957	20.027 ug/ml
11) T n-Heneicosane (C21)	13.298	2469458	19.560 ug/ml
13) T n-Docosane (C22)	13.882	2456161	19.439 ug/ml
14) T n-Tetracosane (C24)	14.982	2446788	19.230 ug/ml
15) T n-Hexacosane (C26)	16.000	2404532	19.367 ug/ml
16) T n-Octacosane (C28)	16.949	2430281	19.945 ug/ml
17) T n-Tricontane (C30)	17.835	2387005	20.478 ug/ml
18) T n-Dotriacontane (C32)	18.665	2223981	20.598 ug/ml
19) T n-Tetratriacontane (C34)	19.447	1825337	21.212 ug/ml
20) T n-Hexatriacontane (C36)	20.184	1605385	20.712 ug/ml
21) T n-Octatriacontane (C38)	20.936	1563529	23.644 ug/ml
22) T n-Tetracontane (C40)	21.881	1471533	21.781 ug/ml

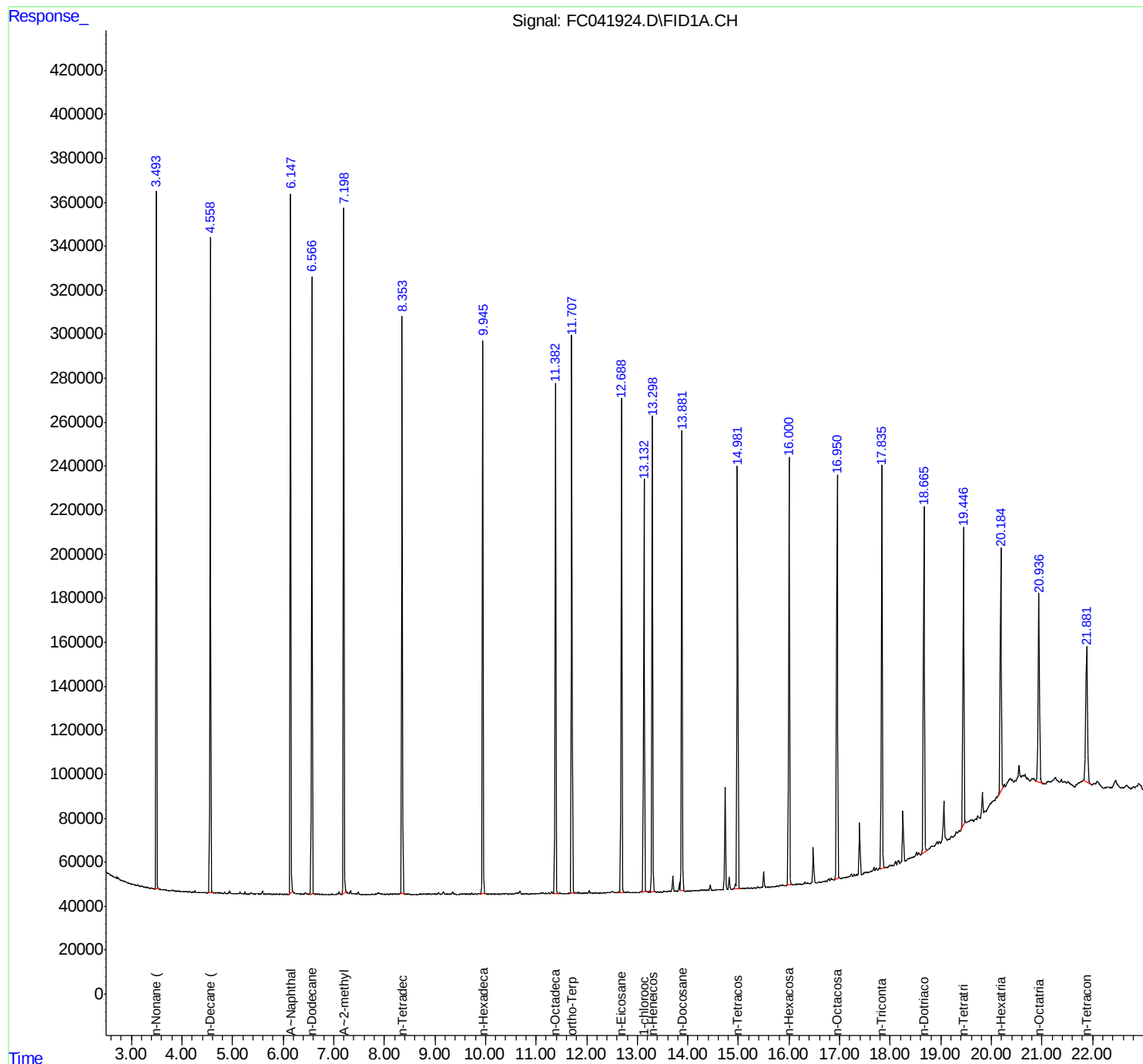
(f)=RT Delta > 1/2 Window

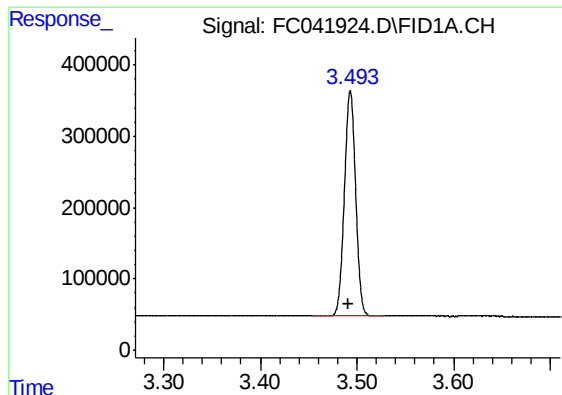
(m)=manual int.

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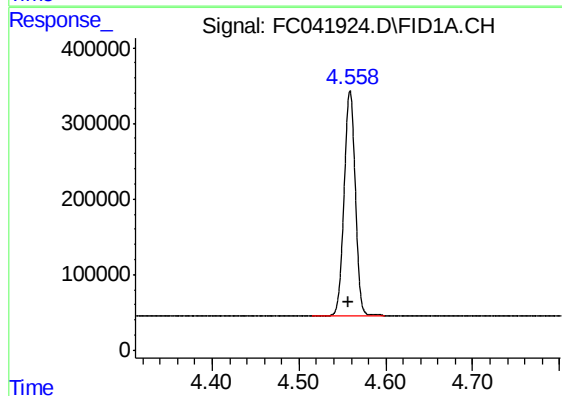
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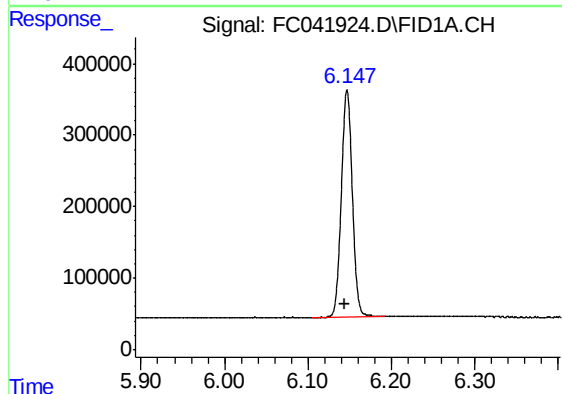
#1 n-Nonane (C9)

R.T.: 3.493 min
Delta R.T.: 0.001 min
Response: 2568351
Conc: 22.10 ug/ml



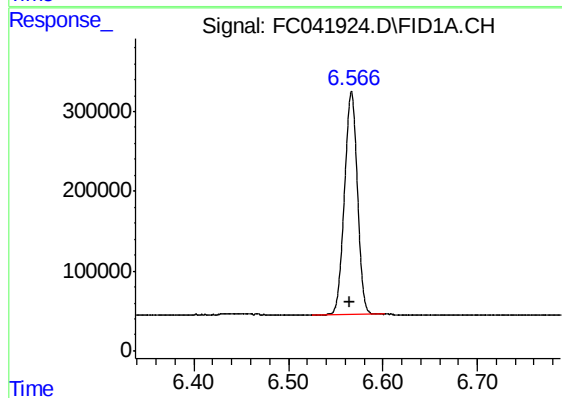
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: 0.002 min
Response: 2634900
Conc: 22.39 ug/ml



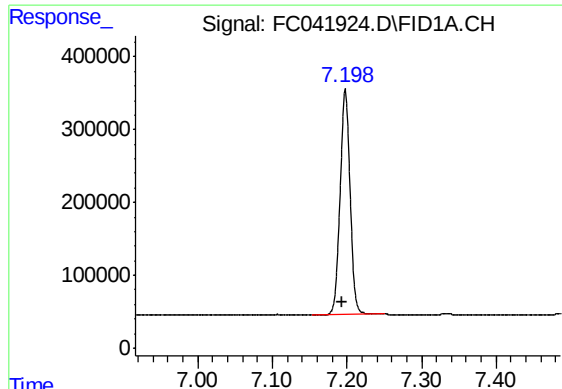
#3 A~Naphthalene (C11.7)

R.T.: 6.147 min
Delta R.T.: 0.003 min
Response: 2892566
Conc: 21.76 ug/ml



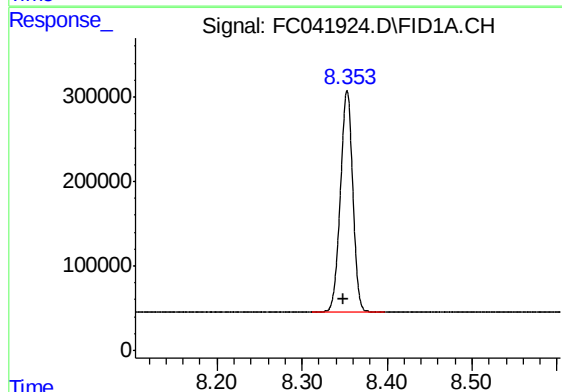
#4 n-Dodecane (C12)

R.T.: 6.567 min
Delta R.T.: 0.002 min
Response: 2640174
Conc: 22.23 ug/ml



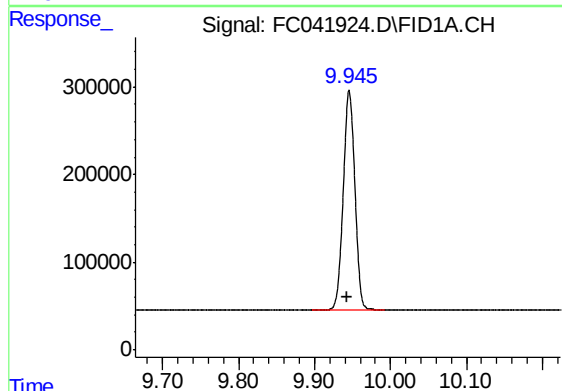
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.198 min
Delta R.T.: 0.004 min
Response: 2874212
Conc: 21.59 ug/ml



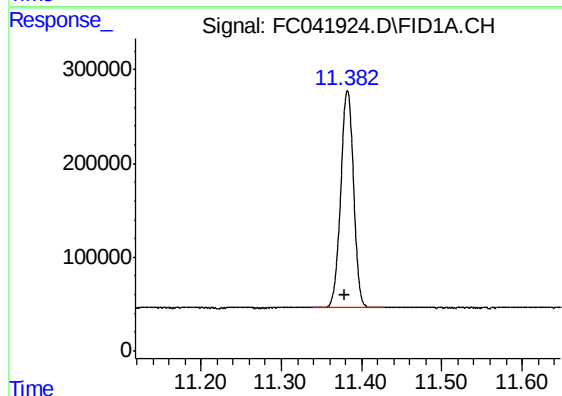
#6 n-Tetradecane (C14)

R.T.: 8.353 min
Delta R.T.: 0.004 min
Response: 2647564
Conc: 21.91 ug/ml



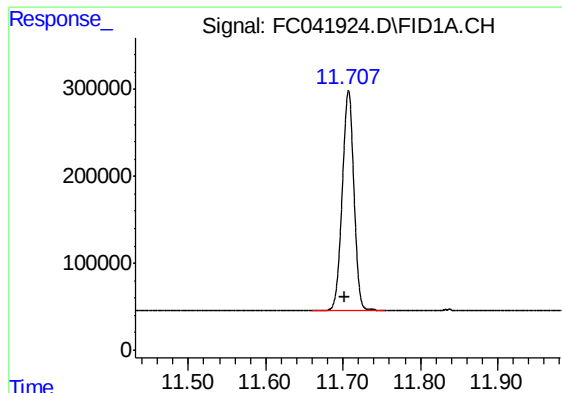
#7 n-Hexadecane (C16)

R.T.: 9.946 min
Delta R.T.: 0.003 min
Response: 2626353
Conc: 21.43 ug/ml



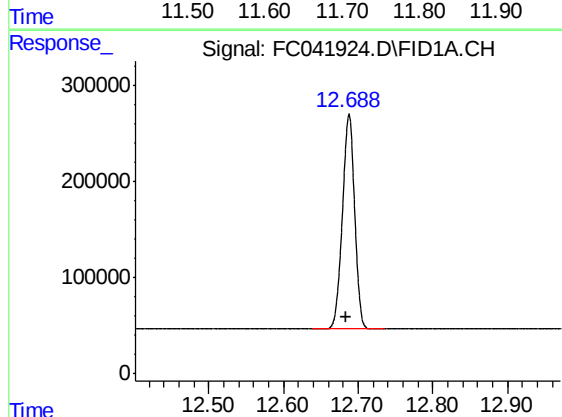
#8 n-Octadecane (C18)

R.T.: 11.383 min
Delta R.T.: 0.004 min
Response: 2585969
Conc: 20.87 ug/ml



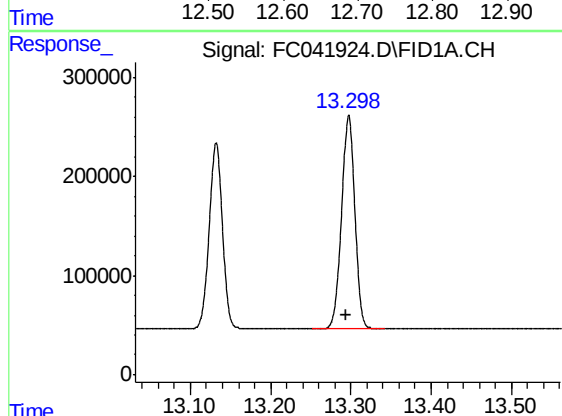
#9 ortho-Terphenyl (SURR)

R.T.: 11.707 min
Delta R.T.: 0.005 min
Response: 2655401
Conc: 19.96 ug/ml



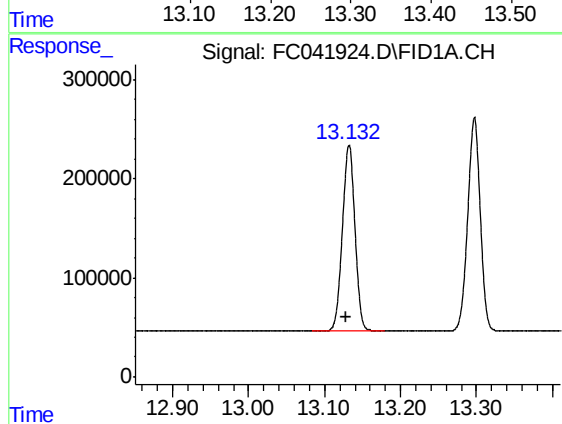
#10 n-Eicosane (C20)

R.T.: 12.688 min
Delta R.T.: 0.004 min
Response: 2533957
Conc: 20.03 ug/ml



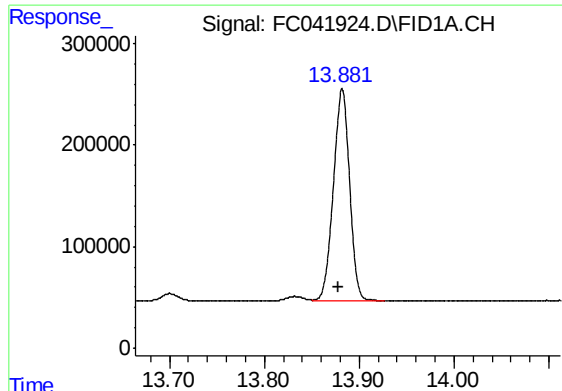
#11 n-Heneicosane (C21)

R.T.: 13.298 min
Delta R.T.: 0.004 min
Response: 2469458
Conc: 19.56 ug/ml



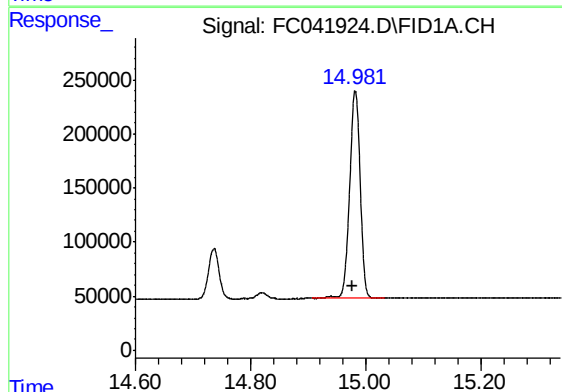
#12 1-chlorooctadecane (SURR)

R.T.: 13.132 min
Delta R.T.: 0.004 min
Response: 2131268
Conc: 19.40 ug/ml



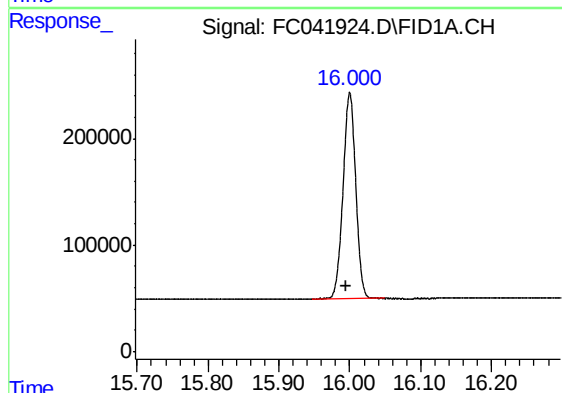
#13 n-Docosane (C22)

R.T.: 13.882 min
Delta R.T.: 0.004 min
Response: 2456161
Conc: 19.44 ug/ml



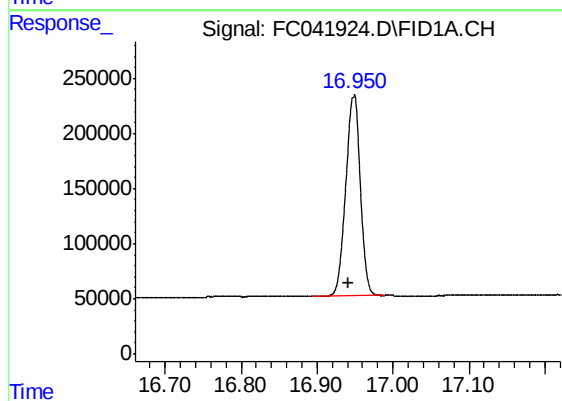
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: 0.005 min
Response: 2446788
Conc: 19.23 ug/ml



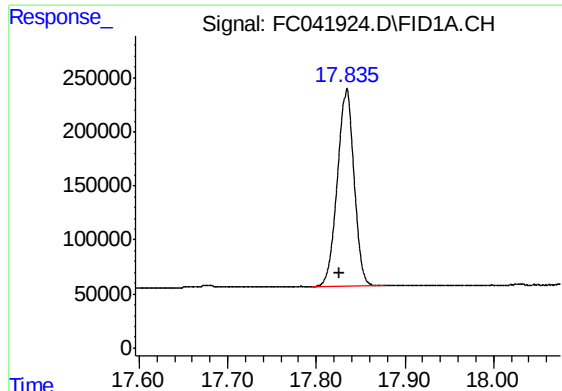
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: 0.006 min
Response: 2404532
Conc: 19.37 ug/ml



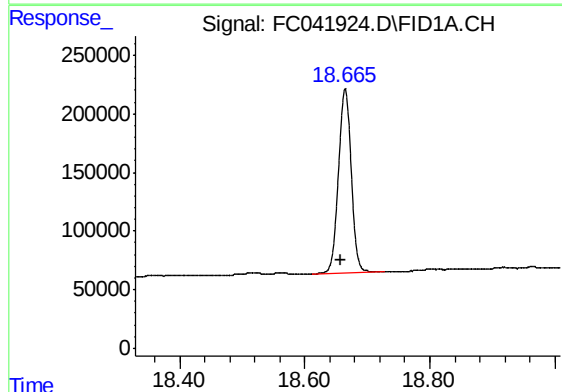
#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: 0.008 min
Response: 2430281
Conc: 19.94 ug/ml



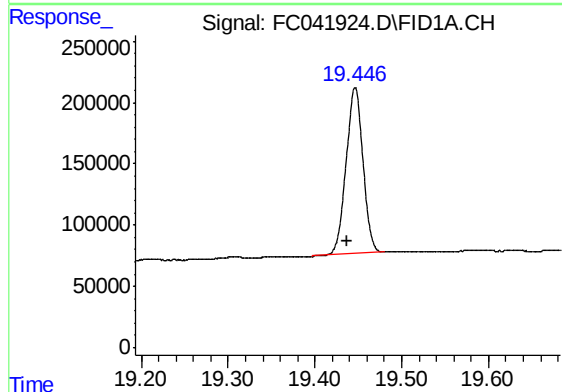
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: 0.008 min
Response: 2387005
Conc: 20.48 ug/ml



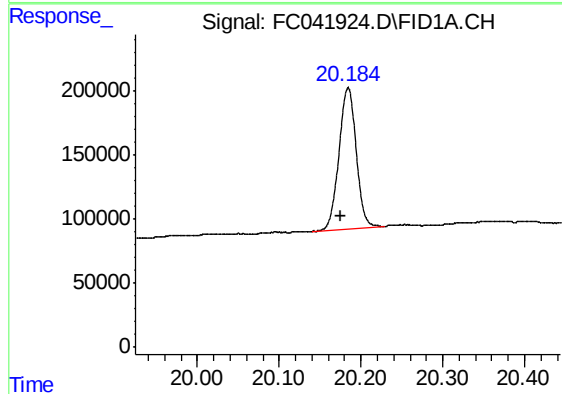
#18 n-Dotriacontane (C32)

R.T.: 18.665 min
Delta R.T.: 0.008 min
Response: 2223981
Conc: 20.60 ug/ml



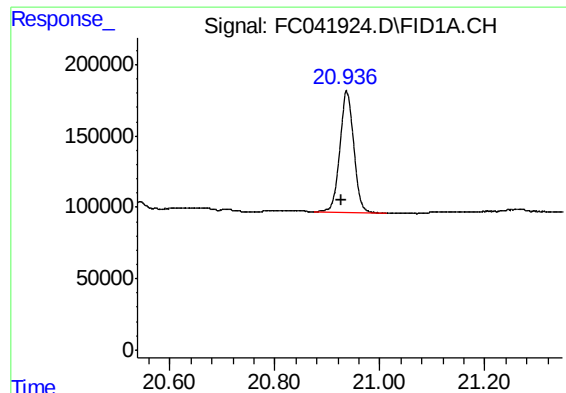
#19 n-Tetatriacontane (C34)

R.T.: 19.447 min
Delta R.T.: 0.009 min
Response: 1825337
Conc: 21.21 ug/ml



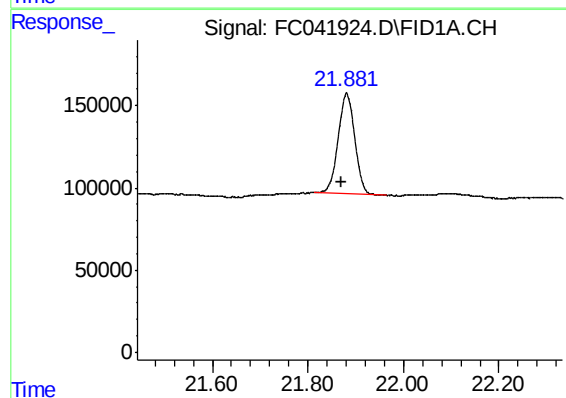
#20 n-Hexatriacontane (C36)

R.T.: 20.184 min
Delta R.T.: 0.008 min
Response: 1605385
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.936 min
Delta R.T.: 0.008 min
Response: 1563529
Conc: 23.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.881 min
Delta R.T.: 0.011 min
Response: 1471533
Conc: 21.78 ug/ml