

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010620AL\
 Data File : FC045205.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2020 14:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 07 00:02:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 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)	11.769	2398901	21.151 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
12) S 1-chlorooctadecane (S...	13.192	1862276	20.886 ug/ml
Spiked Amount 50.000		Recovery =	41.77%
Target Compounds			
1) T n-Nonane (C9)	3.516	2150302	21.355 ug/ml
2) T n-Decane (C10)	4.589	2263047	22.433 ug/ml
3) T A~Naphthalene (C11.7)	6.193	2496528	22.279 ug/ml
4) T n-Dodecane (C12)	6.609	2307228	22.667 ug/ml
5) T A~2-methylnaphthalene...	7.249	2530467	22.450 ug/ml
6) T n-Tetradecane (C14)	8.400	2317874	22.741 ug/ml
7) T n-Hexadecane (C16)	9.998	2321791	22.551 ug/ml
8) T n-Octadecane (C18)	11.437	2301219	22.128 ug/ml
10) T n-Eicosane (C20)	12.744	2249775	21.504 ug/ml
11) T n-Heneicosane (C21)	13.355	2228515	21.071 ug/ml
13) T n-Docosane (C22)	13.940	2193695	20.748 ug/ml
14) T n-Tetracosane (C24)	15.040	2131633	19.951 ug/ml
15) T n-Hexacosane (C26)	16.059	2072270	19.430 ug/ml
16) T n-Octacosane (C28)	17.008	2042819	19.343 ug/ml
17) T n-Tricontane (C30)	17.895	2028546	19.900 ug/ml
18) T n-Dotriacontane (C32)	18.725	1780417	20.580 ug/ml
19) T n-Tetratriacontane (C34)	19.506	1481811	20.227 ug/ml
20) T n-Hexatriacontane (C36)	20.244	1306845	19.886 ug/ml
21) T n-Octatriacontane (C38)	21.016	1313809	22.245 ug/ml
22) T n-Tetracontane (C40)	21.990	1201786	20.321 ug/ml

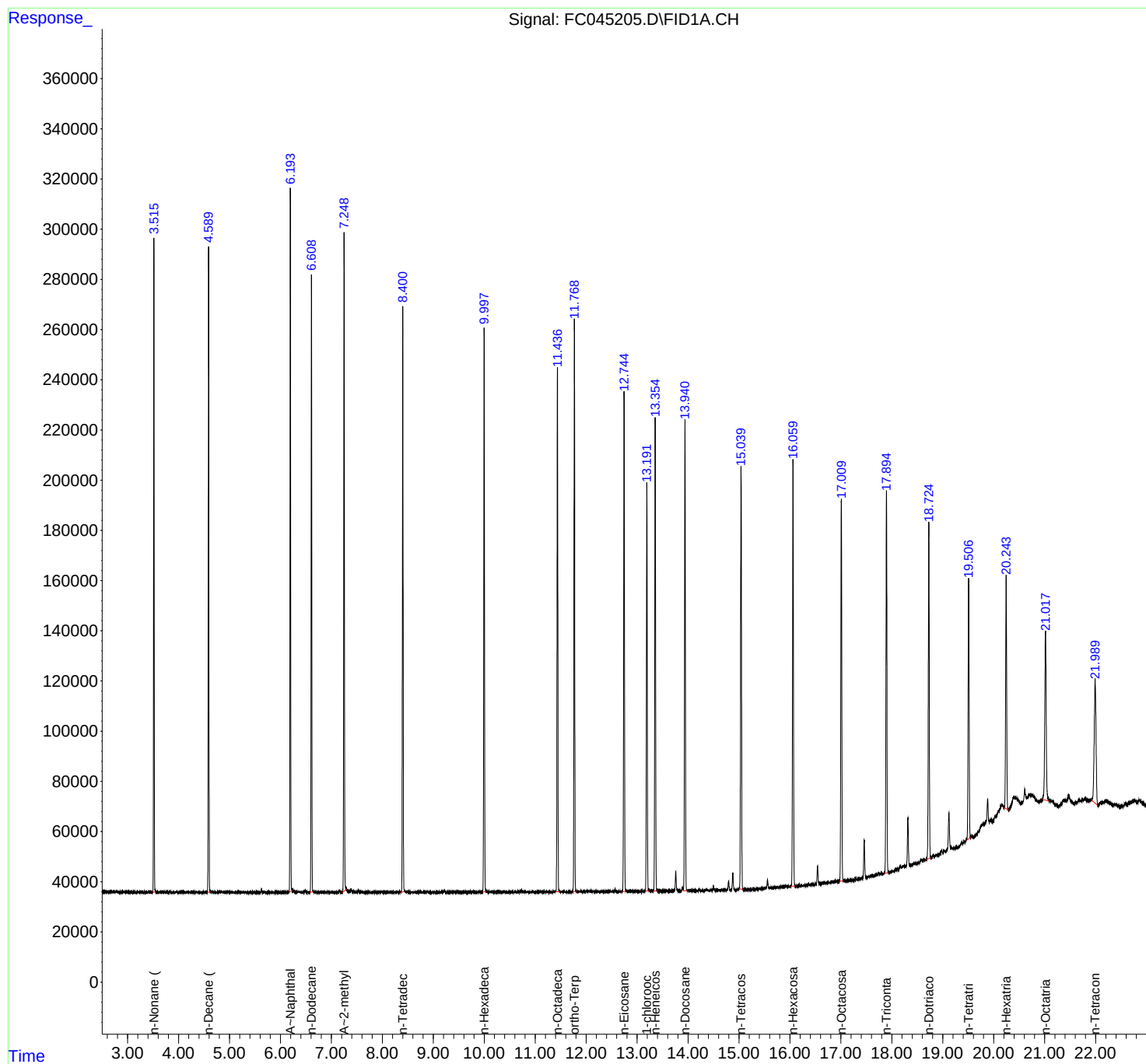
(f)=RT Delta > 1/2 Window

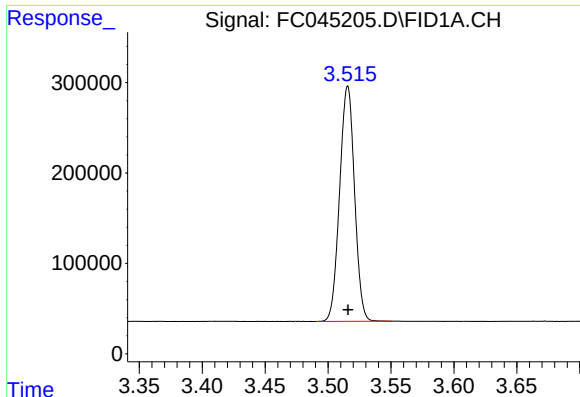
(m)=manual int.

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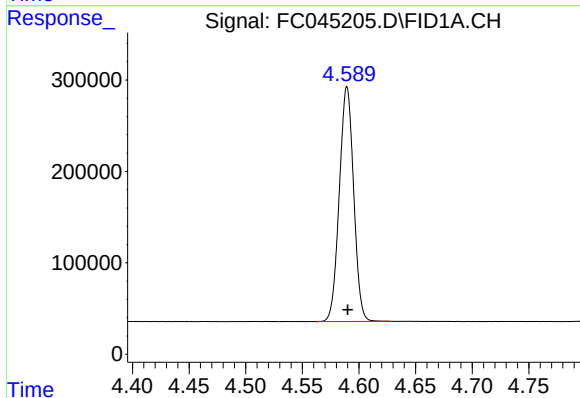
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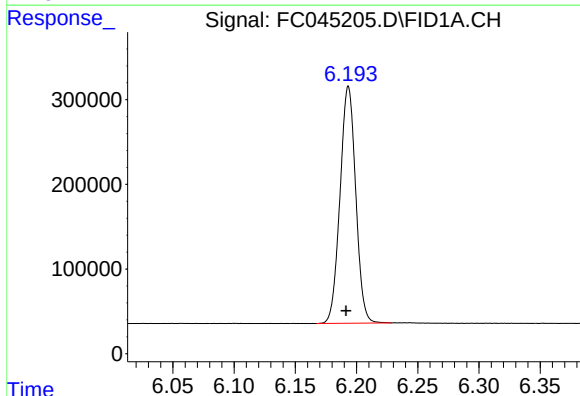
#1 n-Nonane (C9)

R.T.: 3.516 min
Delta R.T.: 0.000 min
Response: 2150302
Conc: 21.35 ug/ml



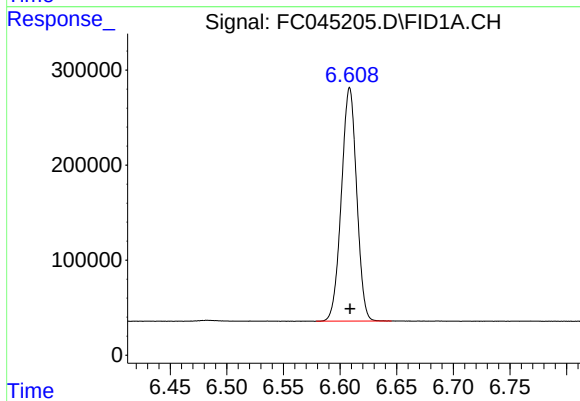
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 2263047
Conc: 22.43 ug/ml



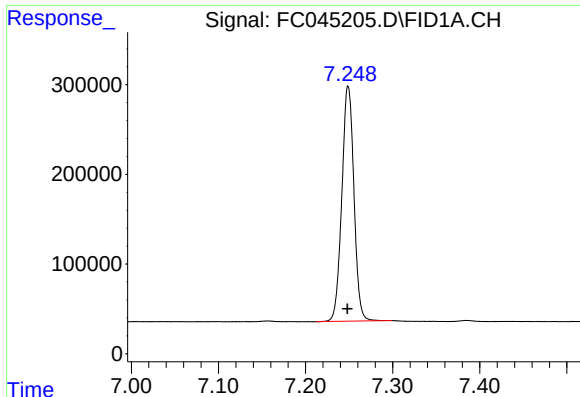
#3 A~Naphthalene (C11.7)

R.T.: 6.193 min
Delta R.T.: 0.002 min
Response: 2496528
Conc: 22.28 ug/ml



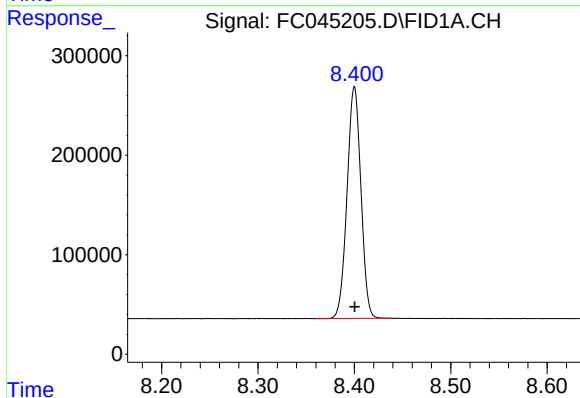
#4 n-Dodecane (C12)

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 2307228
Conc: 22.67 ug/ml



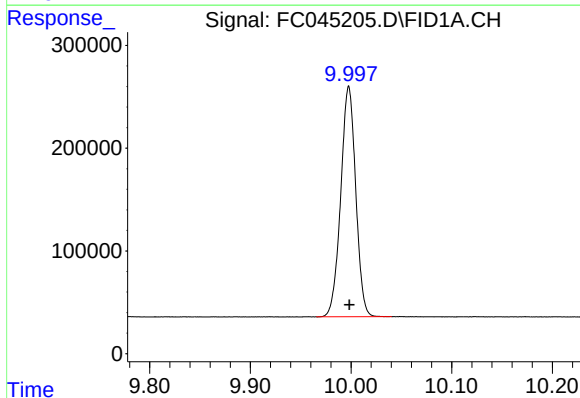
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.249 min
Delta R.T.: 0.001 min
Response: 2530467
Conc: 22.45 ug/ml



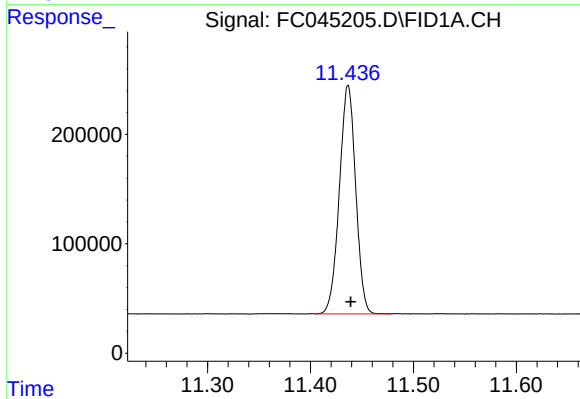
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 2317874
Conc: 22.74 ug/ml



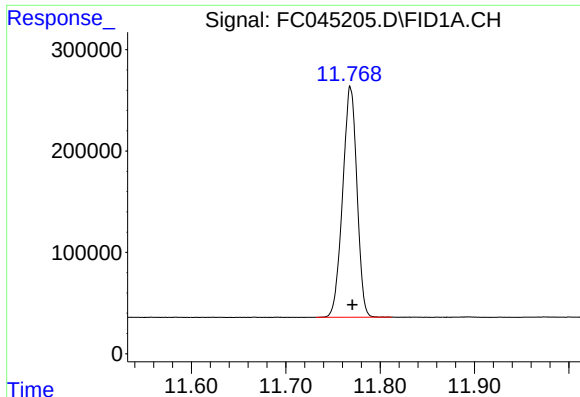
#7 n-Hexadecane (C16)

R.T.: 9.998 min
Delta R.T.: 0.000 min
Response: 2321791
Conc: 22.55 ug/ml



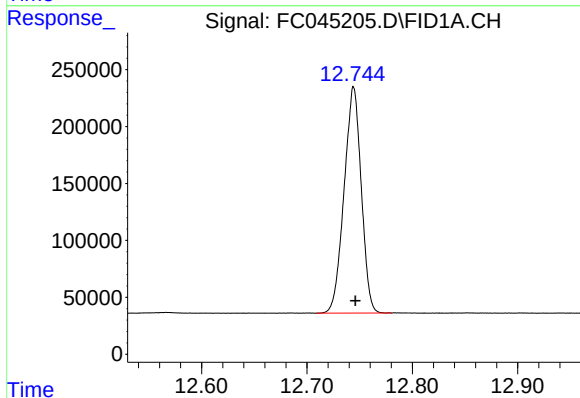
#8 n-Octadecane (C18)

R.T.: 11.437 min
Delta R.T.: -0.002 min
Response: 2301219
Conc: 22.13 ug/ml



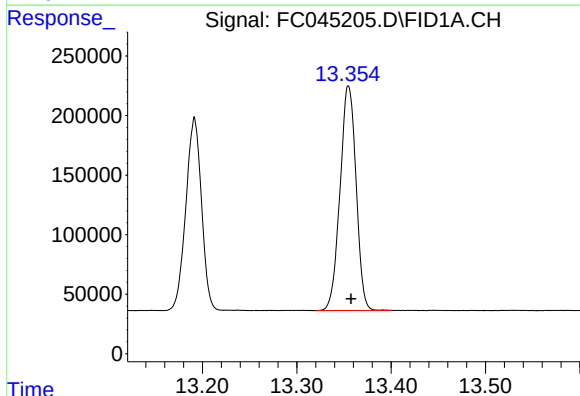
#9 ortho-Terphenyl (SURR)

R.T.: 11.769 min
Delta R.T.: -0.002 min
Response: 2398901
Conc: 21.15 ug/ml



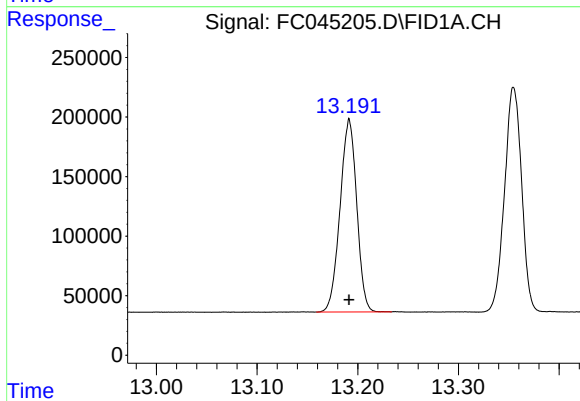
#10 n-Eicosane (C20)

R.T.: 12.744 min
Delta R.T.: -0.002 min
Response: 2249775
Conc: 21.50 ug/ml



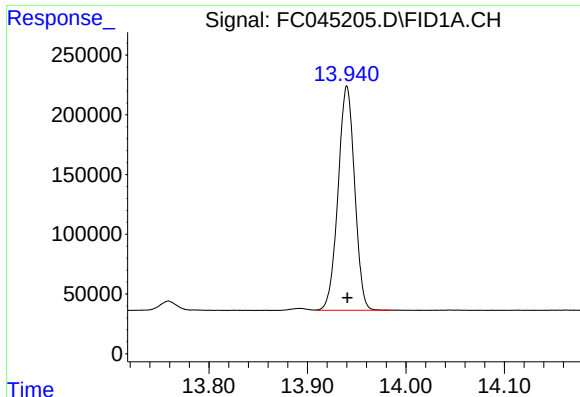
#11 n-Heneicosane (C21)

R.T.: 13.355 min
Delta R.T.: -0.003 min
Response: 2228515
Conc: 21.07 ug/ml



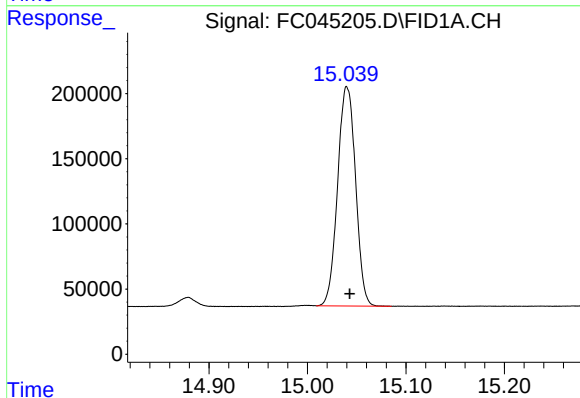
#12 1-chlorooctadecane (SURR)

R.T.: 13.192 min
Delta R.T.: 0.000 min
Response: 1862276
Conc: 20.89 ug/ml



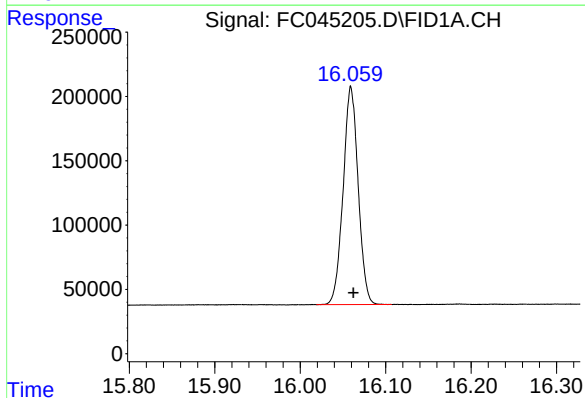
#13 n-Docosane (C22)

R.T.: 13.940 min
Delta R.T.: 0.000 min
Response: 2193695
Conc: 20.75 ug/ml



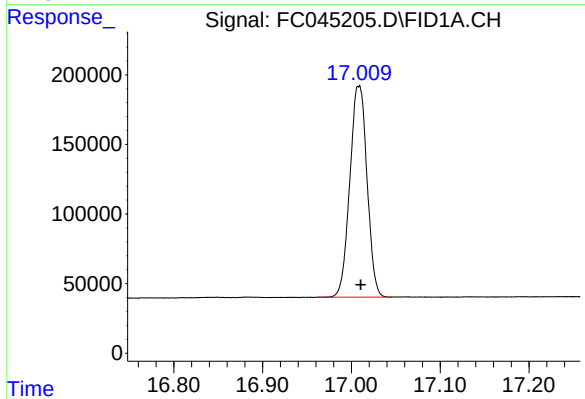
#14 n-Tetracosane (C24)

R.T.: 15.040 min
Delta R.T.: -0.003 min
Response: 2131633
Conc: 19.95 ug/ml



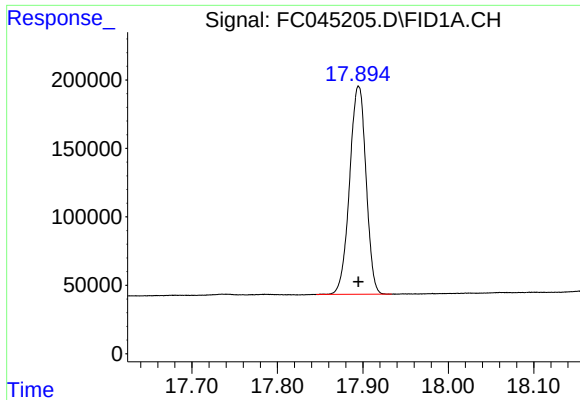
#15 n-Hexacosane (C26)

R.T.: 16.059 min
Delta R.T.: -0.003 min
Response: 2072270
Conc: 19.43 ug/ml



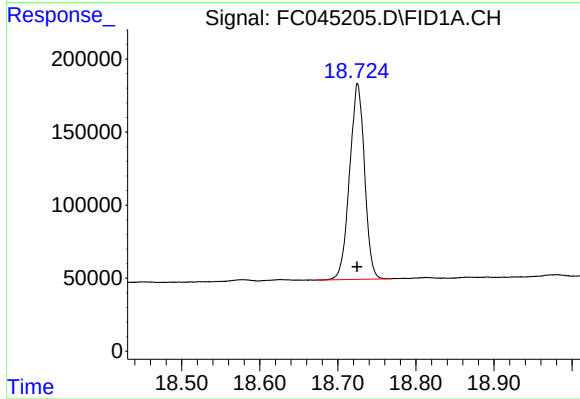
#16 n-Octacosane (C28)

R.T.: 17.008 min
Delta R.T.: -0.002 min
Response: 2042819
Conc: 19.34 ug/ml



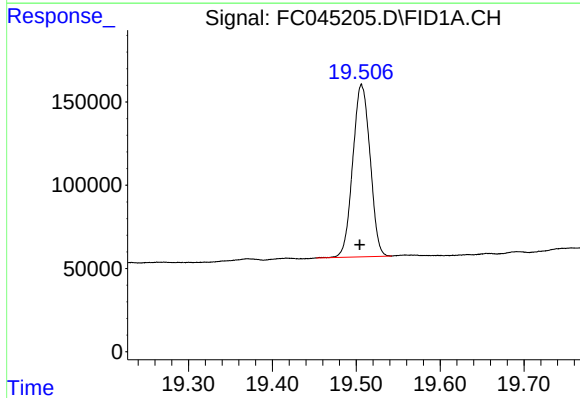
#17 n-Tricontane (C30)

R.T.: 17.895 min
Delta R.T.: 0.000 min
Response: 2028546
Conc: 19.90 ug/ml



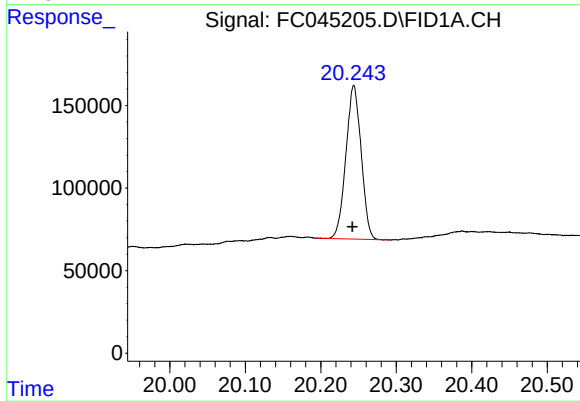
#18 n-Dotriacontane (C32)

R.T.: 18.725 min
Delta R.T.: 0.001 min
Response: 1780417
Conc: 20.58 ug/ml



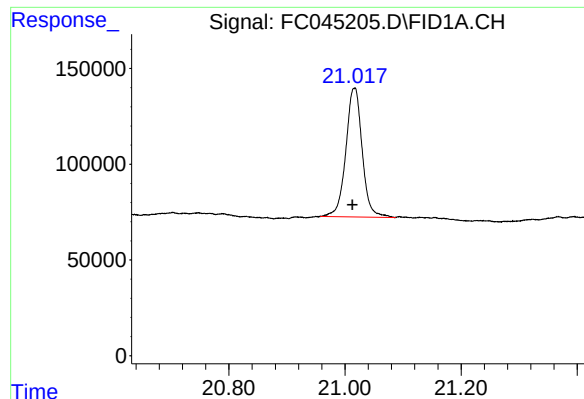
#19 n-Tetratriacontane (C34)

R.T.: 19.506 min
Delta R.T.: 0.002 min
Response: 1481811
Conc: 20.23 ug/ml



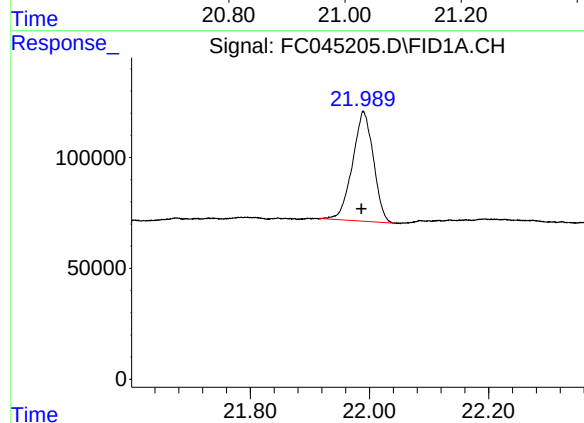
#20 n-Hexatriacontane (C36)

R.T.: 20.244 min
Delta R.T.: 0.002 min
Response: 1306845
Conc: 19.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.016 min
Delta R.T.: 0.004 min
Response: 1313809
Conc: 22.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: 0.003 min
Response: 1201786
Conc: 20.32 ug/ml