

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082219AL\
 Data File : FC043065.D
 Signal(s) : FID1A.CH
 Acq On : 22 Aug 2019 23:11
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 23 01:32:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 23 01:20:22 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)	11.650	2587060	18.212 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
12) S 1-chlorooctadecane (S...	13.073	2115794	17.825 ug/ml
Spiked Amount 50.000		Recovery =	35.65%
Target Compounds			
1) T n-Nonane (C9)	3.471	2489536	20.076 ug/ml
2) T n-Decane (C10)	4.529	2547673	20.307 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2712488	20.025 ug/ml
4) T n-Dodecane (C12)	6.528	2587057	20.397 ug/ml
5) T A~2-methylnaphthalene...	7.160	2710268	19.924 ug/ml
6) T n-Tetradecane (C14)	8.307	2589917	20.298 ug/ml
7) T n-Hexadecane (C16)	9.896	2578557	19.949 ug/ml
8) T n-Octadecane (C18)	11.328	2553078	19.296 ug/ml
10) T n-Eicosane (C20)	12.629	2522324	18.660 ug/ml
11) T n-Heneicosane (C21)	13.237	2457774	18.182 ug/ml
13) T n-Docosane (C22)	13.820	2454210	18.077 ug/ml
14) T n-Tetracosane (C24)	14.917	2428511	17.835 ug/ml
15) T n-Hexacosane (C26)	15.933	2486776	18.436 ug/ml
16) T n-Octacosane (C28)	16.879	2555344	19.203 ug/ml
17) T n-Tricontane (C30)	17.761	2505352	19.566 ug/mlm
18) T n-Dotriacontane (C32)	18.591	2278274	19.539 ug/ml
19) T n-Tetratriacontane (C34)	19.372	1906164	19.841 ug/mlm
20) T n-Hexatriacontane (C36)	20.109	1740148	20.977 ug/mlm
21) T n-Octatriacontane (C38)	20.842	1520398	20.551 ug/mlm
22) T n-Tetracontane (C40)	21.758	1415906	19.602 ug/mlm

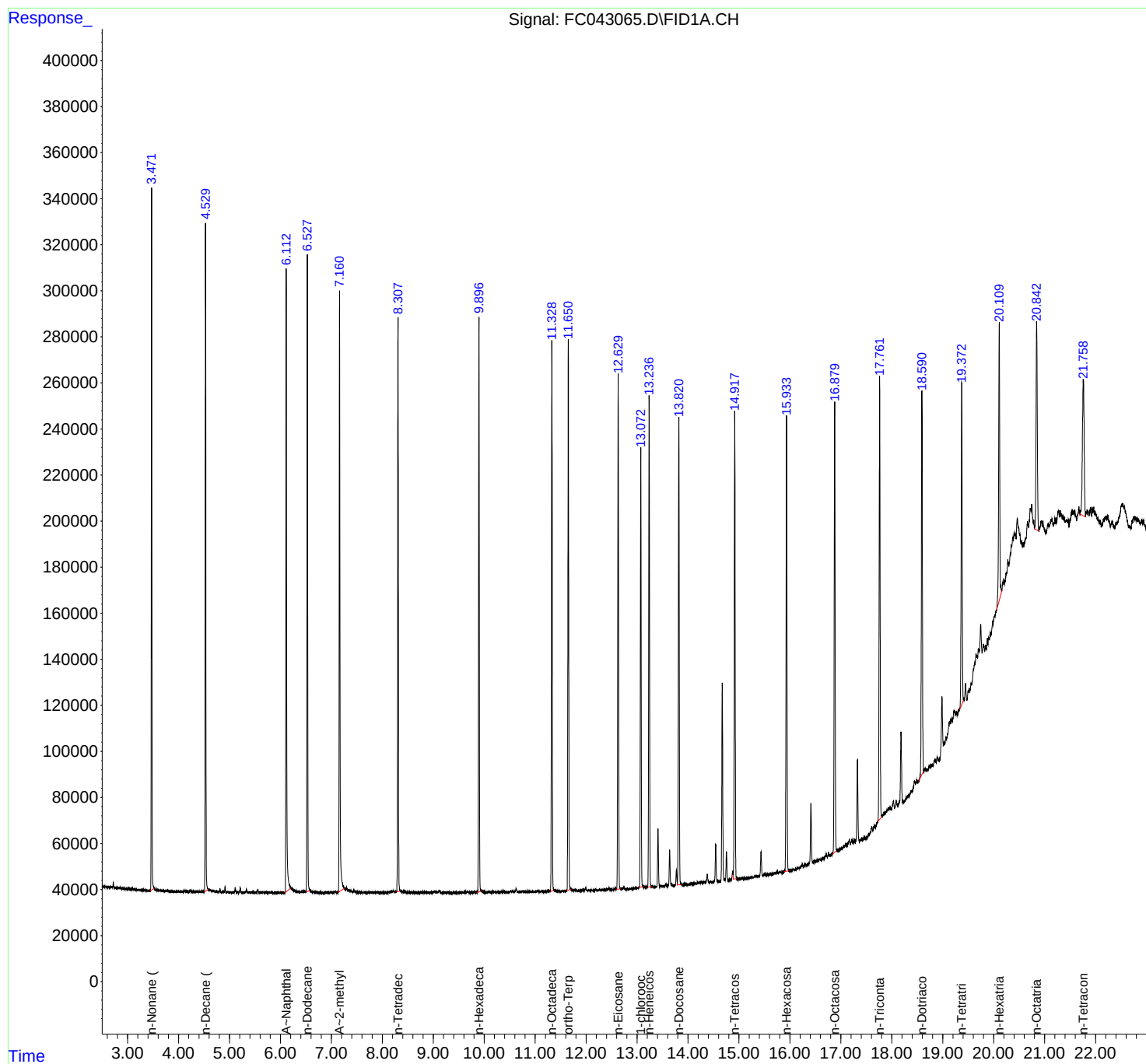
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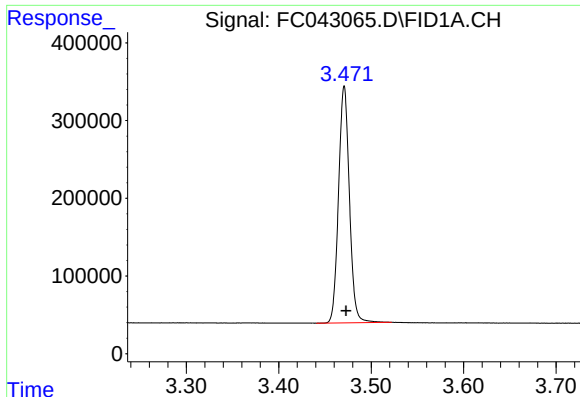
(m)=manual int.

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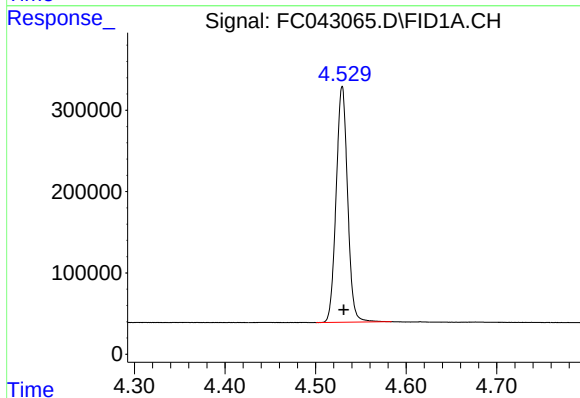
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





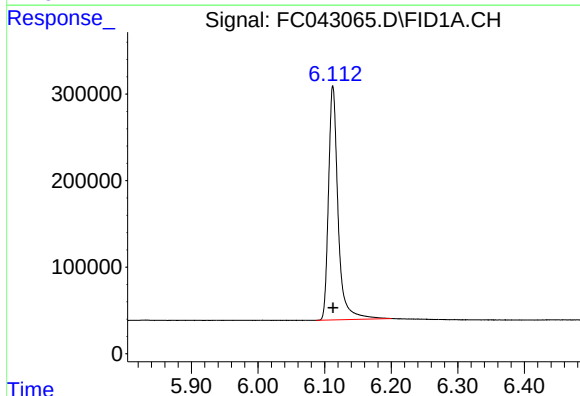
#1 n-Nonane (C9)

R.T.: 3.471 min
Delta R.T.: -0.002 min
Response: 2489536
Conc: 20.08 ug/ml



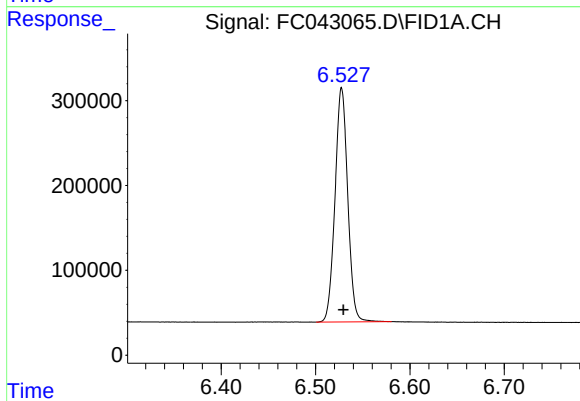
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: -0.002 min
Response: 2547673
Conc: 20.31 ug/ml



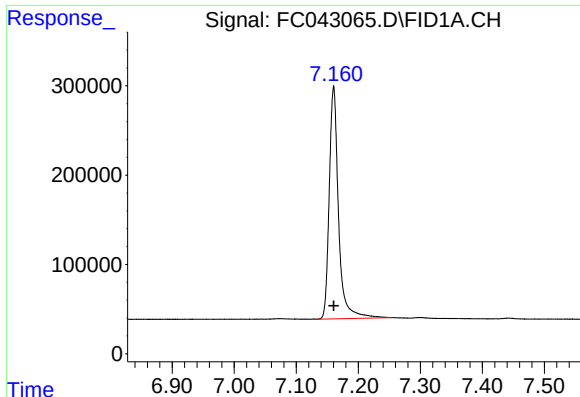
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 2712488
Conc: 20.02 ug/ml



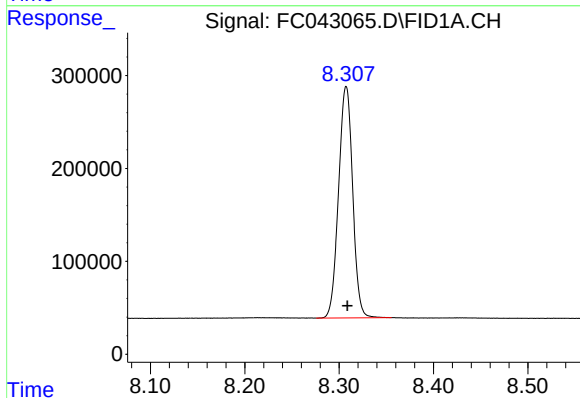
#4 n-Dodecane (C12)

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 2587057
Conc: 20.40 ug/ml



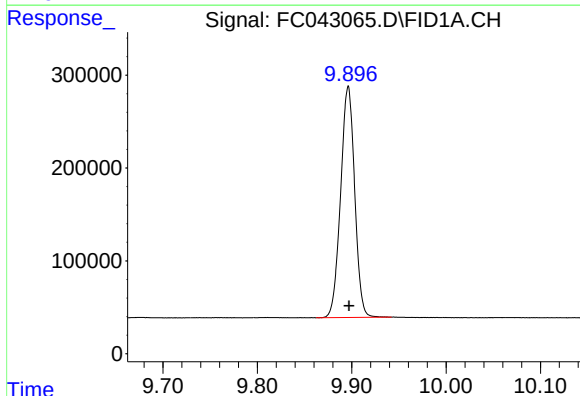
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 2710268
Conc: 19.92 ug/ml



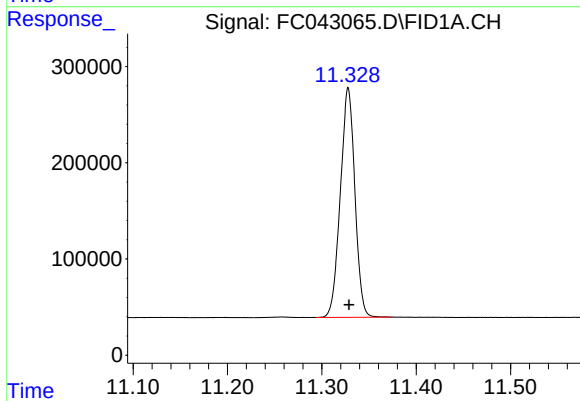
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: -0.001 min
Response: 2589917
Conc: 20.30 ug/ml



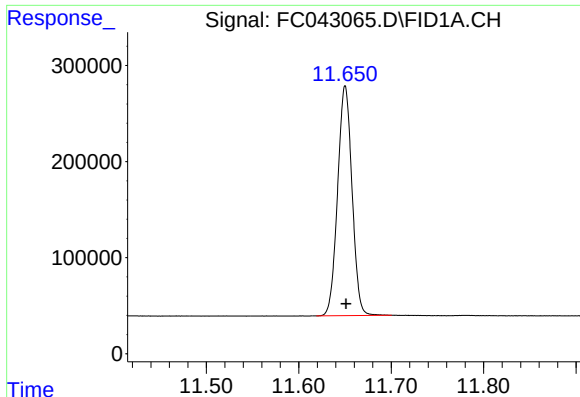
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: 0.000 min
Response: 2578557
Conc: 19.95 ug/ml



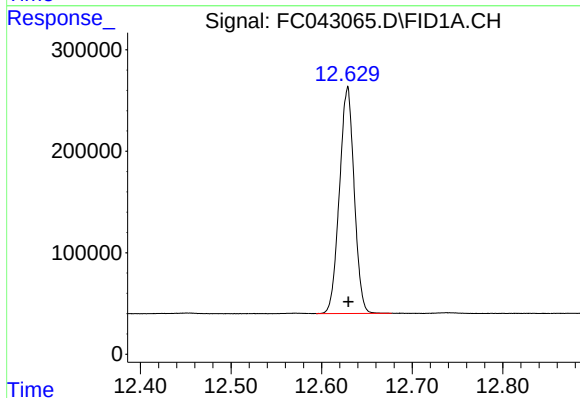
#8 n-Octadecane (C18)

R.T.: 11.328 min
Delta R.T.: 0.000 min
Response: 2553078
Conc: 19.30 ug/ml



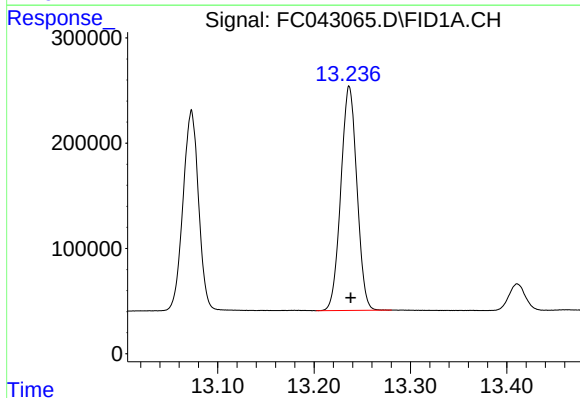
#9 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: 0.000 min
Response: 2587060
Conc: 18.21 ug/ml



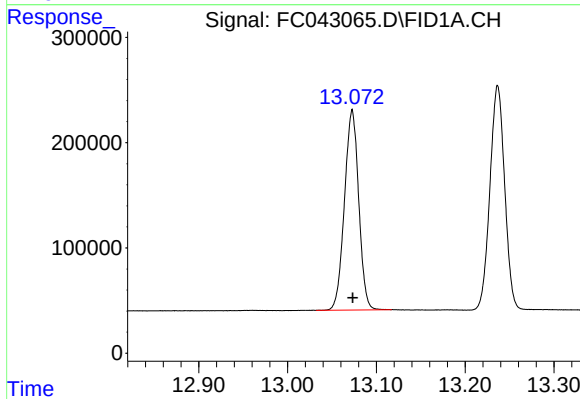
#10 n-Eicosane (C20)

R.T.: 12.629 min
Delta R.T.: 0.000 min
Response: 2522324
Conc: 18.66 ug/ml



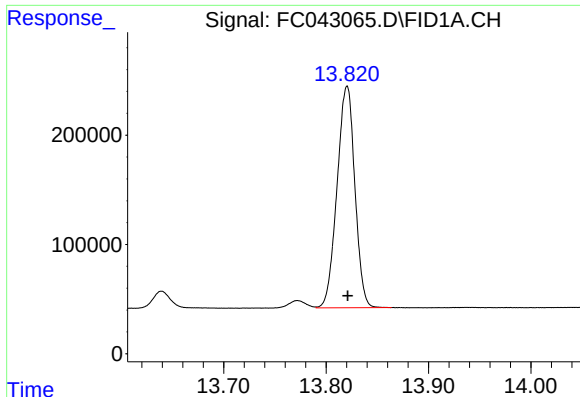
#11 n-Heneicosane (C21)

R.T.: 13.237 min
Delta R.T.: -0.002 min
Response: 2457774
Conc: 18.18 ug/ml



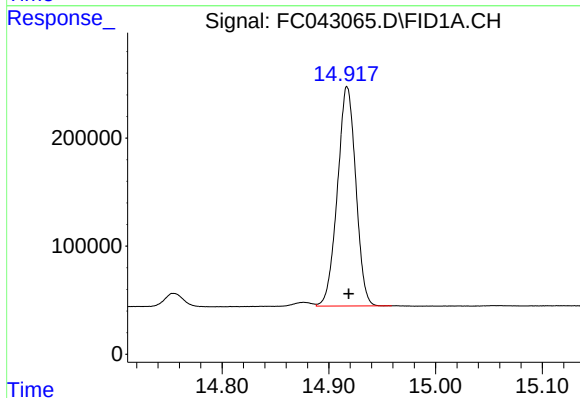
#12 1-chlorooctadecane (SURR)

R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 2115794
Conc: 17.83 ug/ml



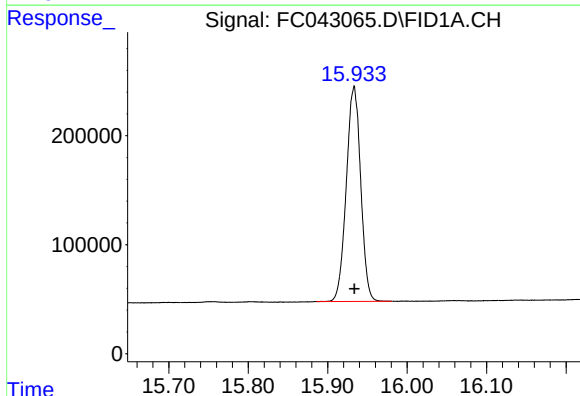
#13 n-Docosane (C22)

R.T.: 13.820 min
Delta R.T.: 0.000 min
Response: 2454210
Conc: 18.08 ug/ml



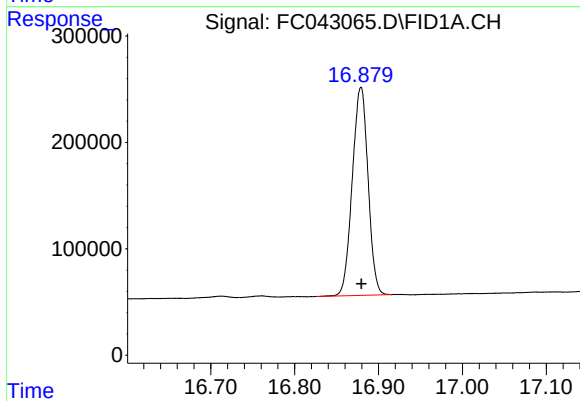
#14 n-Tetracosane (C24)

R.T.: 14.917 min
Delta R.T.: -0.001 min
Response: 2428511
Conc: 17.84 ug/ml



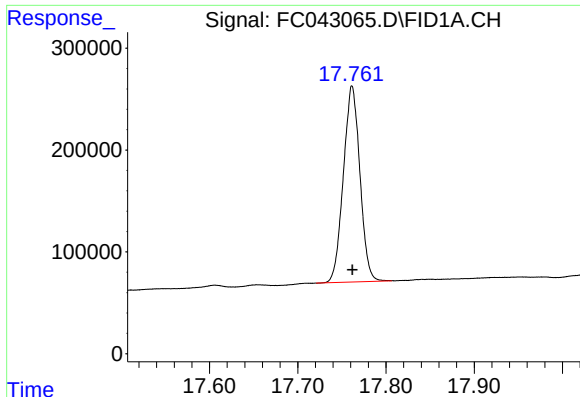
#15 n-Hexacosane (C26)

R.T.: 15.933 min
Delta R.T.: 0.000 min
Response: 2486776
Conc: 18.44 ug/ml



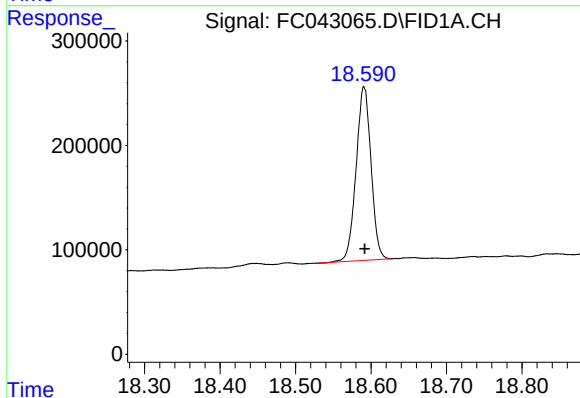
#16 n-Octacosane (C28)

R.T.: 16.879 min
Delta R.T.: 0.000 min
Response: 2555344
Conc: 19.20 ug/ml



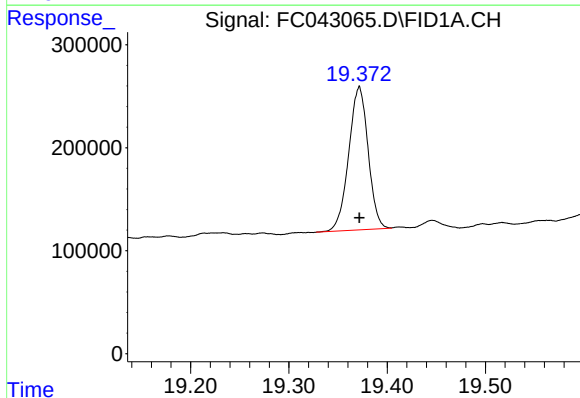
#17 n-Tricontane (C30)

R.T.: 17.761 min
Delta R.T.: -0.001 min
Response: 2505352
Conc: 19.57 ug/ml m



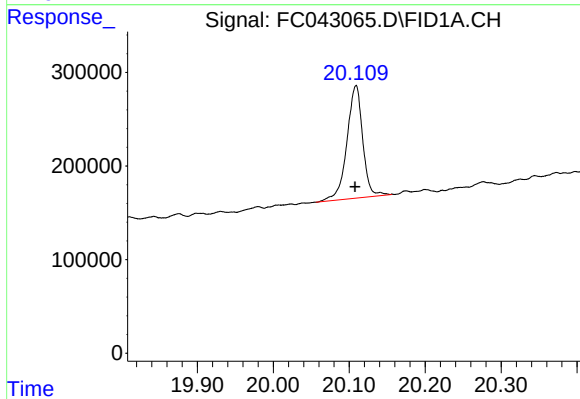
#18 n-Dotriacontane (C32)

R.T.: 18.591 min
Delta R.T.: 0.000 min
Response: 2278274
Conc: 19.54 ug/ml



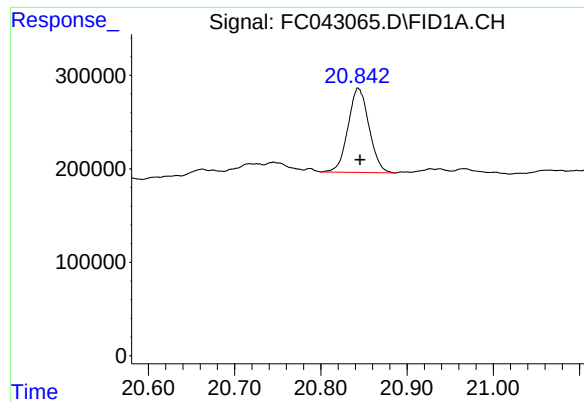
#19 n-Tetratriacontane (C34)

R.T.: 19.372 min
Delta R.T.: 0.000 min
Response: 1906164
Conc: 19.84 ug/ml m



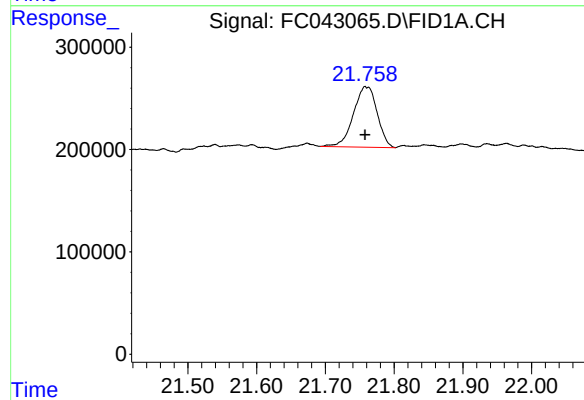
#20 n-Hexatriacontane (C36)

R.T.: 20.109 min
Delta R.T.: 0.001 min
Response: 1740148
Conc: 20.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.842 min
Delta R.T.: -0.003 min
Response: 1520398
Conc: 20.55 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.758 min
Delta R.T.: 0.000 min
Response: 1415906
Conc: 19.60 ug/ml m