

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042021AL\
 Data File : FC053292.D
 Signal(s) : FID1A.CH
 Acq On : 21 Apr 2021 3:52
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 11:06:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 2021
 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)	11.549	2830622	20.453 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
12) S 1-chlorooctadecane (S...	12.990	2240004	20.696 ug/ml
Spiked Amount 50.000		Recovery =	41.39%
Target Compounds			
1) T n-Nonane (C9)	3.304	2407868	20.755 ug/ml
2) T n-Decane (C10)	4.370	2430726	20.769 ug/ml
3) T A~Naphthalene (C11.7)	5.954	2728806	20.976 ug/ml
4) T n-Dodecane (C12)	6.390	2481735	20.796 ug/ml
5) T A~2-methylnaphthalene...	7.012	2761676	20.894 ug/ml
6) T n-Tetradecane (C14)	8.188	2531952	20.804 ug/ml
7) T n-Hexadecane (C16)	9.791	2510965	20.868 ug/ml
8) T n-Octadecane (C18)	11.234	2629442	20.751 ug/ml
10) T n-Eicosane (C20)	12.545	2660249	20.744 ug/ml
11) T n-Heneicosane (C21)	13.158	2662872	20.734 ug/ml
13) T n-Docosane (C22)	13.744	2662152	20.656 ug/ml
14) T n-Tetracosane (C24)	14.849	2661963	20.610 ug/ml
15) T n-Hexacosane (C26)	15.871	2620851	20.393 ug/ml
16) T n-Octacosane (C28)	16.822	2600531	20.080 ug/ml
17) T n-Tricontane (C30)	17.710	2582127	19.175 ug/ml
18) T n-Dotriacontane (C32)	18.543	2555872	18.637 ug/mlm
19) T n-Tetratriacontane (C34)	19.325	2427551	18.602 ug/mlm
20) T n-Hexatriacontane (C36)	20.068	2286426	18.884 ug/mlm
21) T n-Octatriacontane (C38)	20.800	2012161	19.096 ug/ml
22) T n-Tetracontane (C40)	21.700	2010405	19.201 ug/mlm

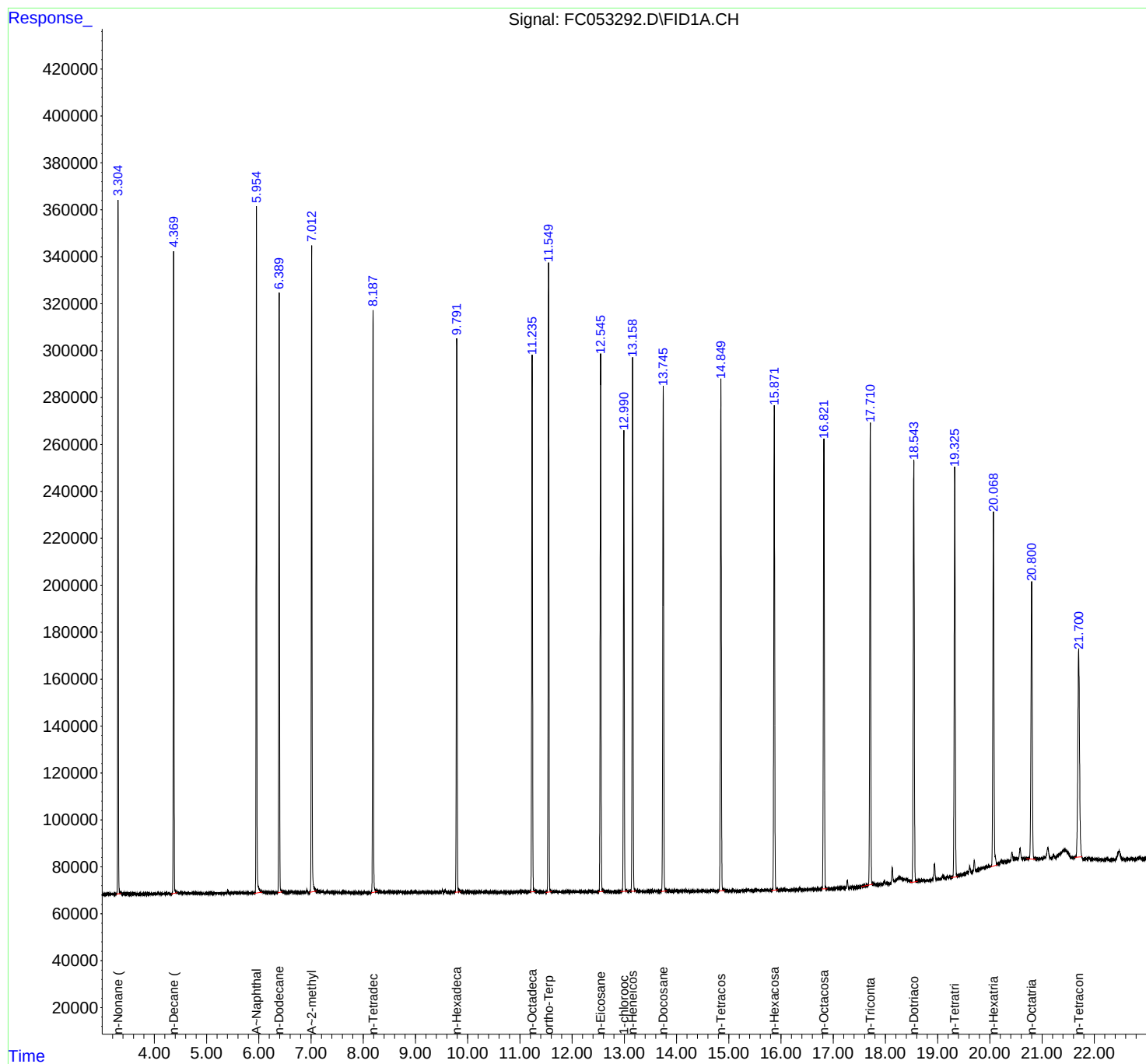
(f)=RT Delta > 1/2 Window

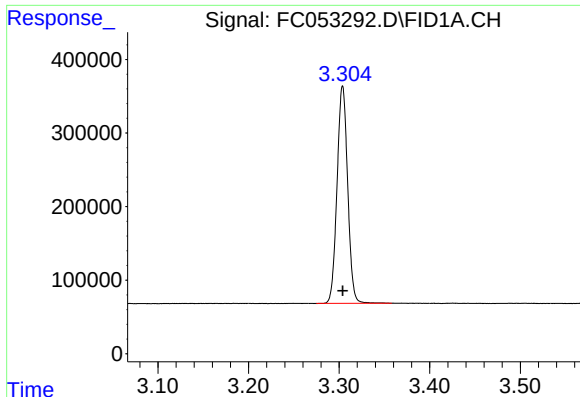
(m)=manual int.

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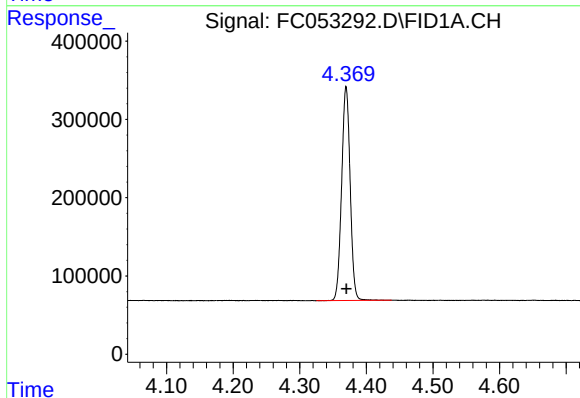
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Signal Info : 20M x 0.18mm x 0.18um





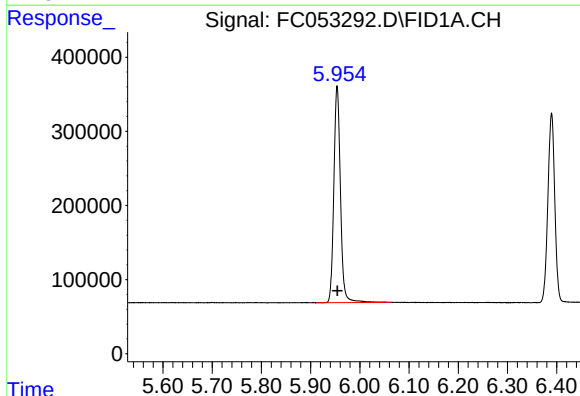
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 2407868
Conc: 20.75 ug/ml



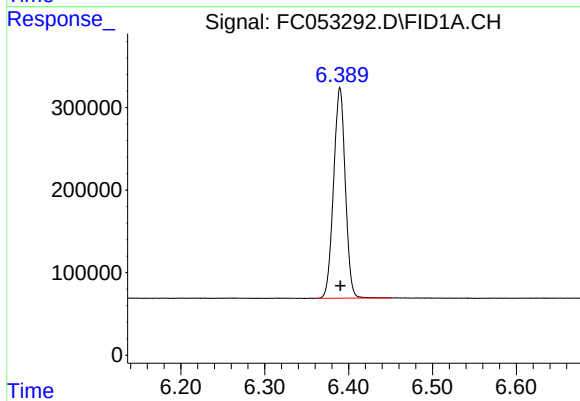
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 2430726
Conc: 20.77 ug/ml



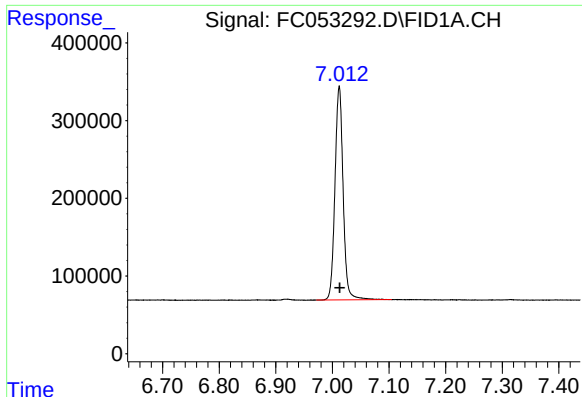
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 2728806
Conc: 20.98 ug/ml



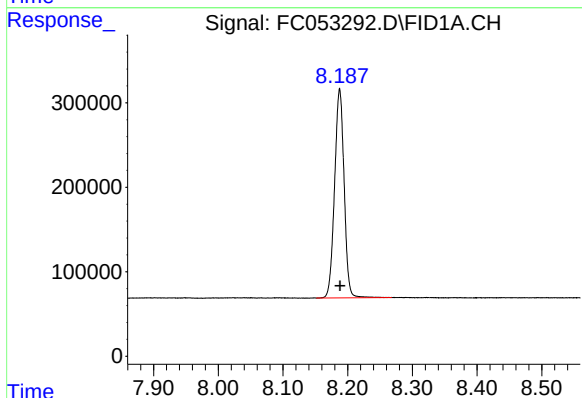
#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 2481735
Conc: 20.80 ug/ml



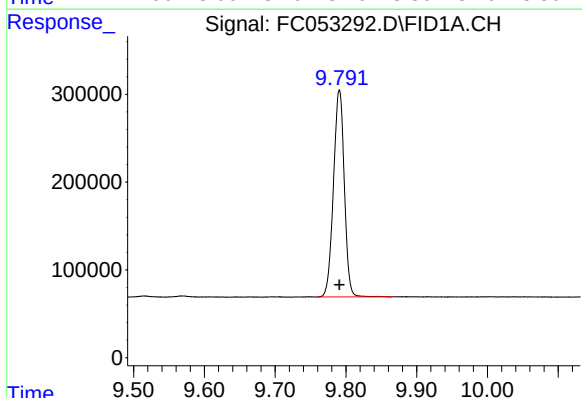
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 2761676
Conc: 20.89 ug/ml



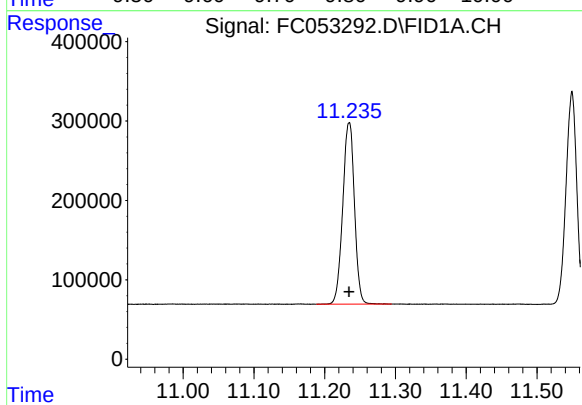
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 2531952
Conc: 20.80 ug/ml



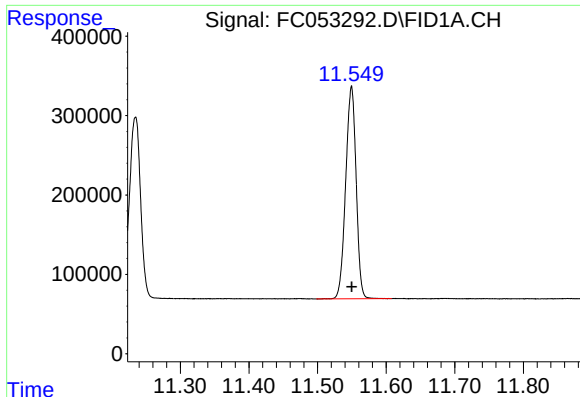
#7 n-Hexadecane (C16)

R.T.: 9.791 min
Delta R.T.: 0.000 min
Response: 2510965
Conc: 20.87 ug/ml



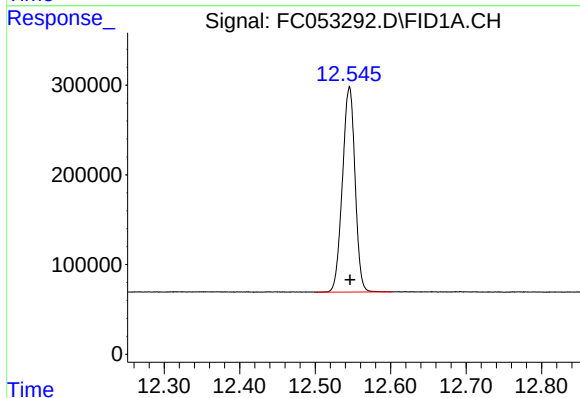
#8 n-Octadecane (C18)

R.T.: 11.234 min
Delta R.T.: 0.000 min
Response: 2629442
Conc: 20.75 ug/ml



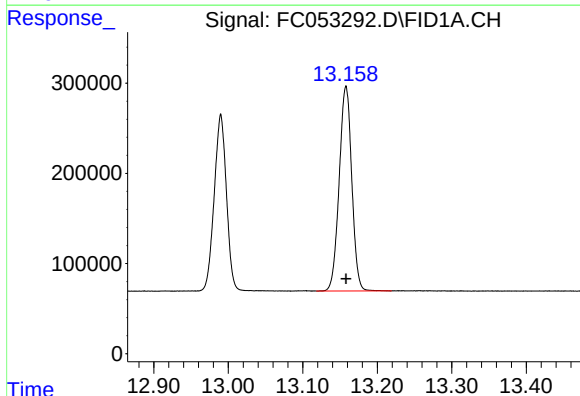
#9 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 2830622
Conc: 20.45 ug/ml



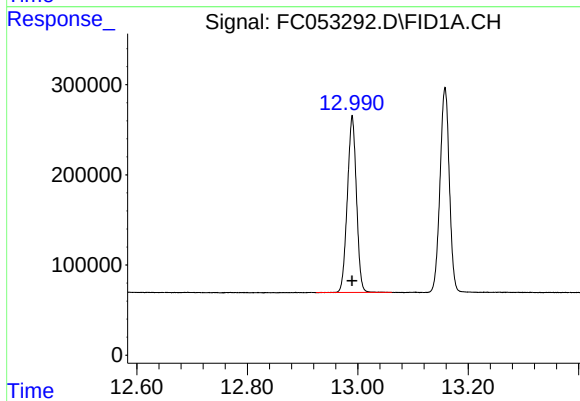
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: -0.001 min
Response: 2660249
Conc: 20.74 ug/ml



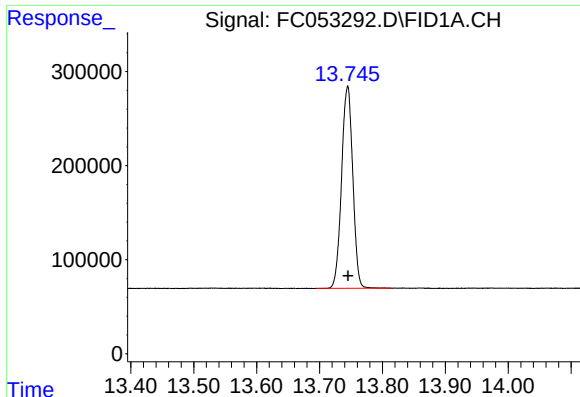
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: 0.000 min
Response: 2662872
Conc: 20.73 ug/ml



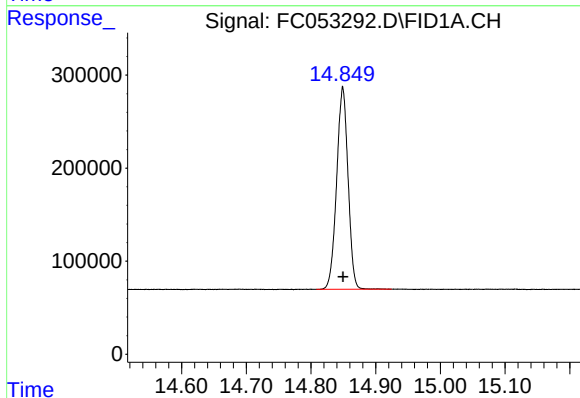
#12 1-chlorooctadecane (SURR)

R.T.: 12.990 min
Delta R.T.: 0.000 min
Response: 2240004
Conc: 20.70 ug/ml



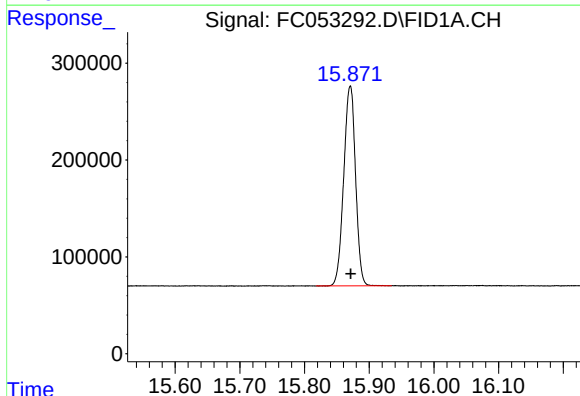
#13 n-Docosane (C22)

R.T.: 13.744 min
Delta R.T.: -0.001 min
Response: 2662152
Conc: 20.66 ug/ml



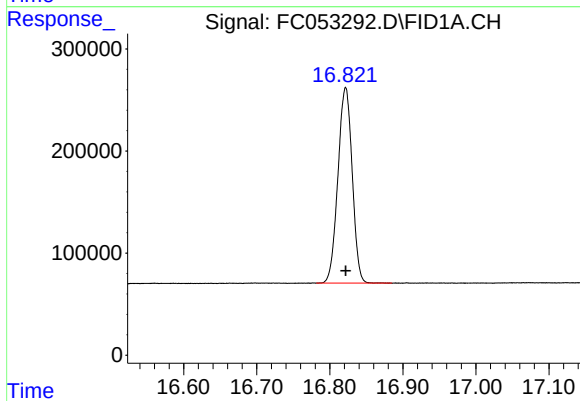
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: 0.000 min
Response: 2661963
Conc: 20.61 ug/ml



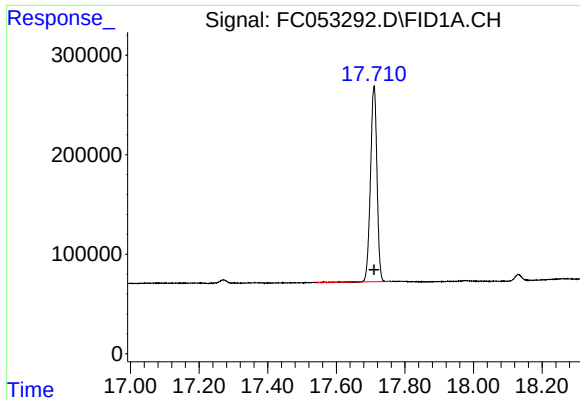
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.000 min
Response: 2620851
Conc: 20.39 ug/ml



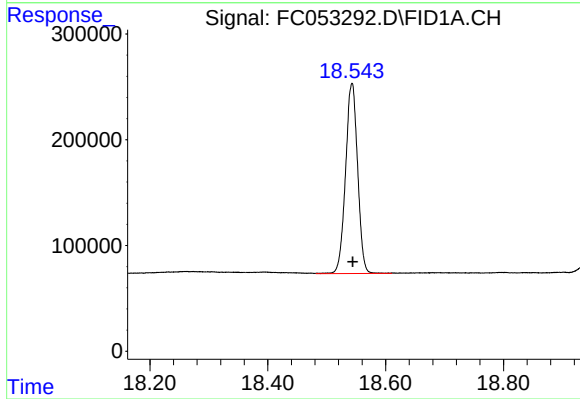
#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: 0.000 min
Response: 2600531
Conc: 20.08 ug/ml



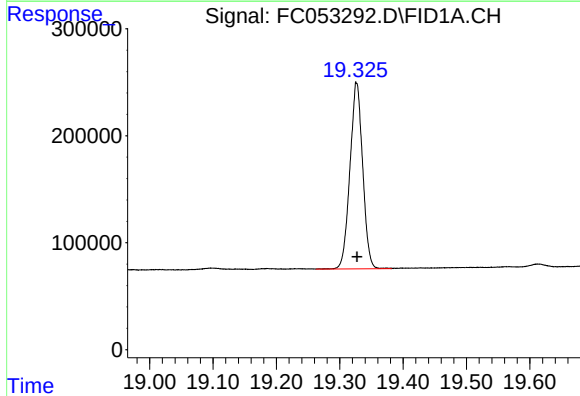
#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: 0.000 min
Response: 2582127
Conc: 19.18 ug/ml



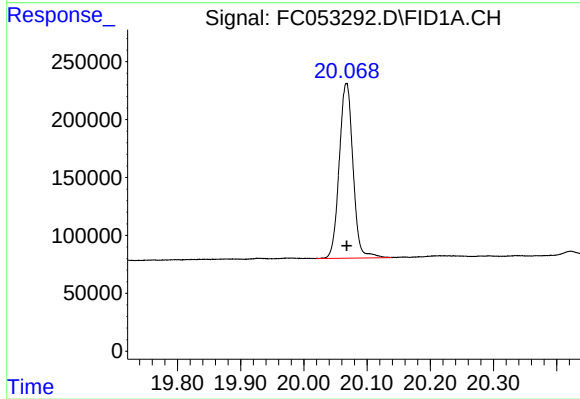
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: 0.000 min
Response: 2555872
Conc: 18.64 ug/ml m



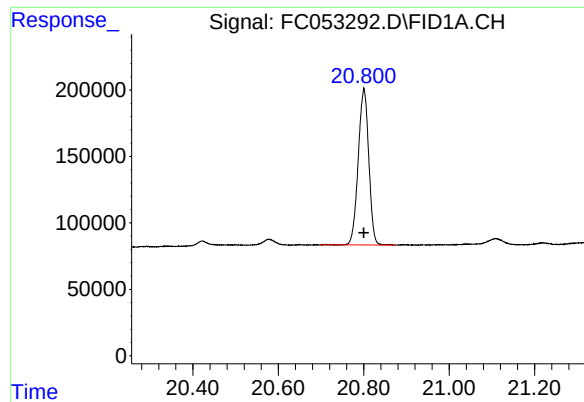
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.002 min
Response: 2427551
Conc: 18.60 ug/ml m



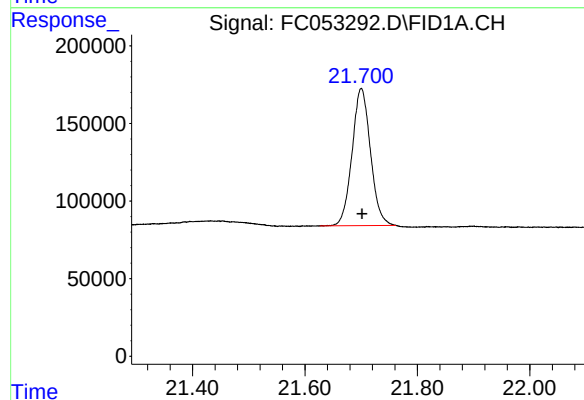
#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: 0.000 min
Response: 2286426
Conc: 18.88 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.000 min
Response: 2012161
Conc: 19.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: -0.001 min
Response: 2010405
Conc: 19.20 ug/ml m