

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072021AL\
 Data File : FC054764.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jul 2021 14:08
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 21 01:52:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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)	11.315	2913198	20.578 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
12) S 1-chlorooctadecane (S...	12.759	2271441	20.376 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T n-Nonane (C9)	3.135	2612064	22.212 ug/ml
2) T n-Decane (C10)	4.187	2647164	22.294 ug/ml
3) T A~Naphthalene (C11.7)	5.752	2855602	21.720 ug/ml
4) T n-Dodecane (C12)	6.192	2701506	22.540 ug/ml
5) T A~2-methylnaphthalene...	6.804	2827089	21.414 ug/ml
6) T n-Tetradecane (C14)	7.979	2735823	22.455 ug/ml
7) T n-Hexadecane (C16)	9.575	2734191	21.951 ug/ml
8) T n-Octadecane (C18)	11.012	2774223	21.479 ug/ml
10) T n-Eicosane (C20)	12.318	2714542	20.862 ug/ml
11) T n-Heneicosane (C21)	12.929	2725248	20.526 ug/ml
13) T n-Docosane (C22)	13.512	2669740	20.152 ug/ml
14) T n-Tetracosane (C24)	14.612	2622933	19.376 ug/ml
15) T n-Hexacosane (C26)	15.632	2517903	18.581 ug/ml
16) T n-Octacosane (C28)	16.581	2456988	17.901 ug/ml
17) T n-Tricontane (C30)	17.467	2422582	17.491 ug/ml
18) T n-Dotriacontane (C32)	18.298	2353472	17.202 ug/ml
19) T n-Tetratriacontane (C34)	19.082	2362864	17.488 ug/ml
20) T n-Hexatriacontane (C36)	19.819	2327626	18.856 ug/mlm
21) T n-Octatriacontane (C38)	20.525	2298697	20.321 ug/mlm
22) T n-Tetracontane (C40)	21.341	2366543	20.938 ug/mlm

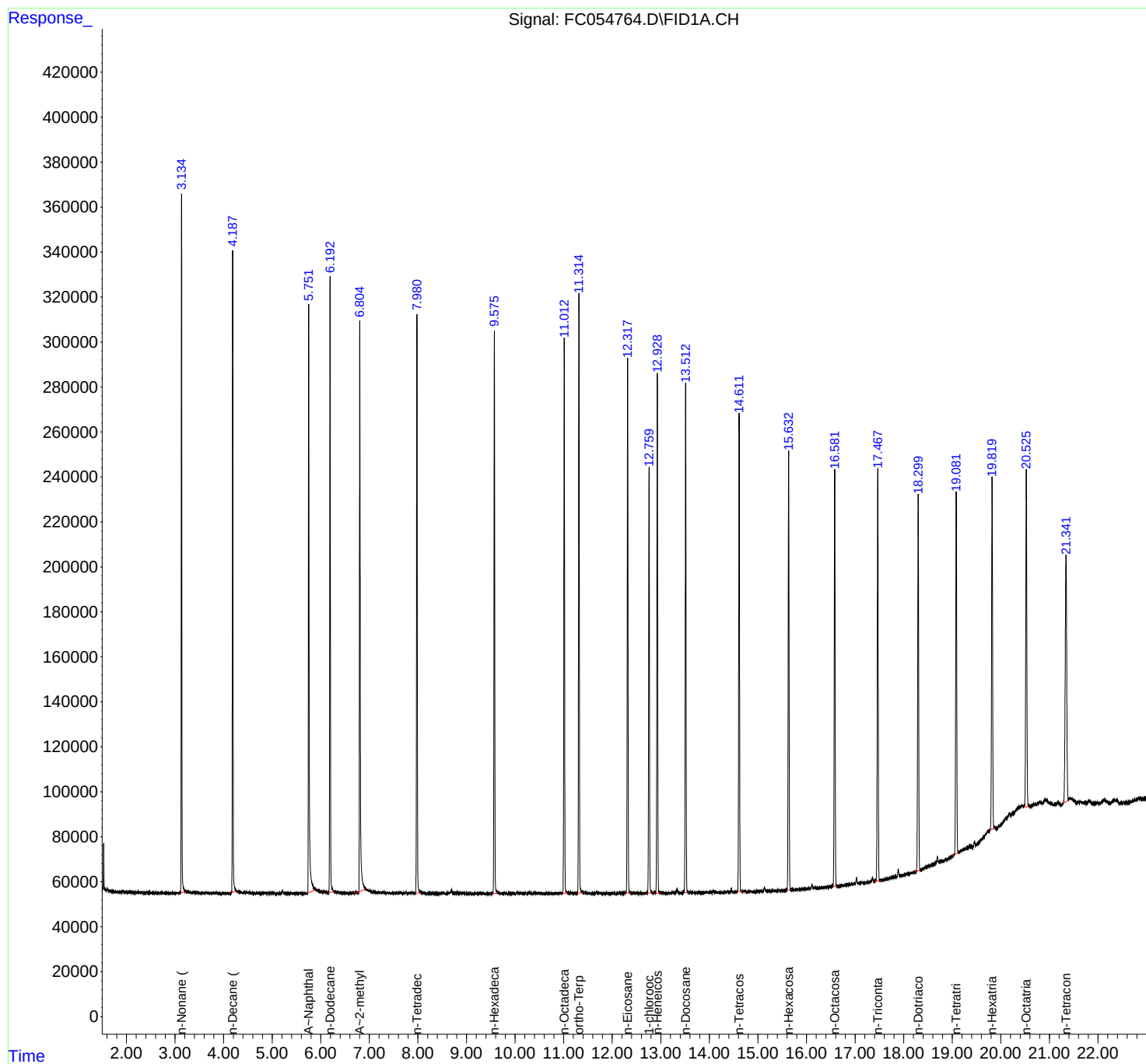
(f)=RT Delta > 1/2 Window

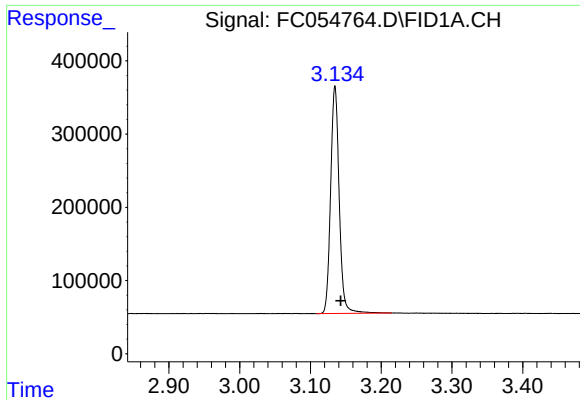
(m)=manual int.

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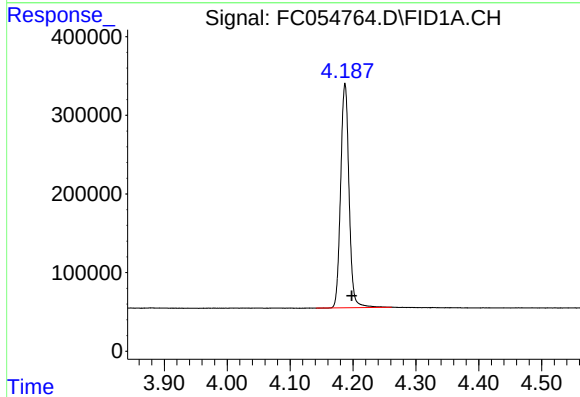
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





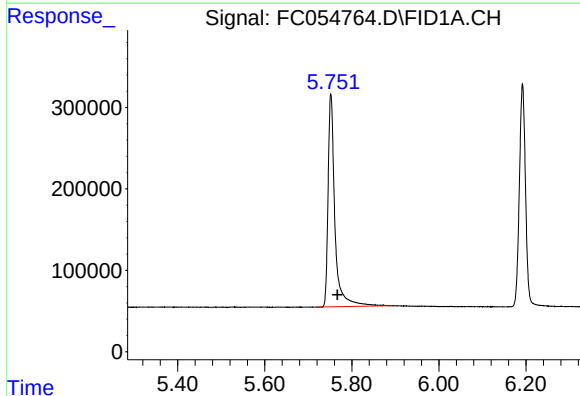
#1 n-Nonane (C9)

R.T.: 3.135 min
Delta R.T.: -0.008 min
Response: 2612064
Conc: 22.21 ug/ml



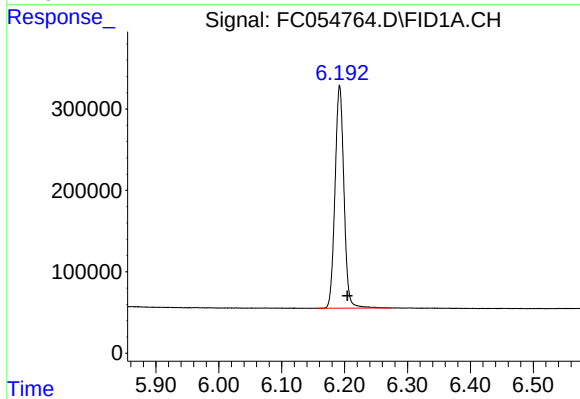
#2 n-Decane (C10)

R.T.: 4.187 min
Delta R.T.: -0.011 min
Response: 2647164
Conc: 22.29 ug/ml



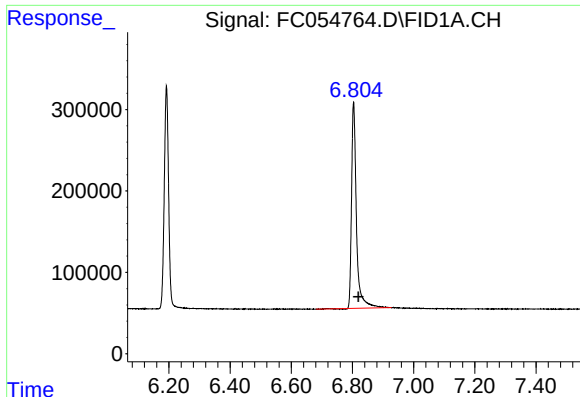
#3 A~Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.015 min
Response: 2855602
Conc: 21.72 ug/ml



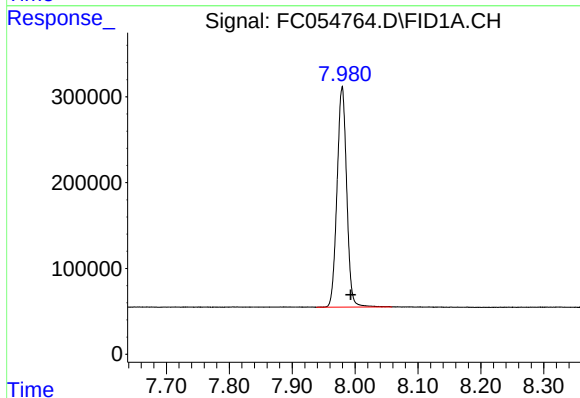
#4 n-Dodecane (C12)

R.T.: 6.192 min
Delta R.T.: -0.012 min
Response: 2701506
Conc: 22.54 ug/ml



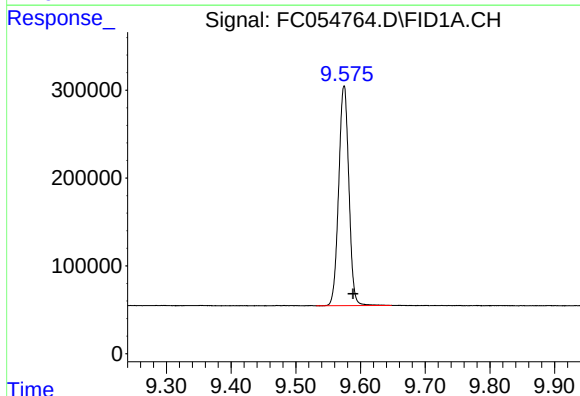
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.804 min
Delta R.T.: -0.015 min
Response: 2827089
Conc: 21.41 ug/ml



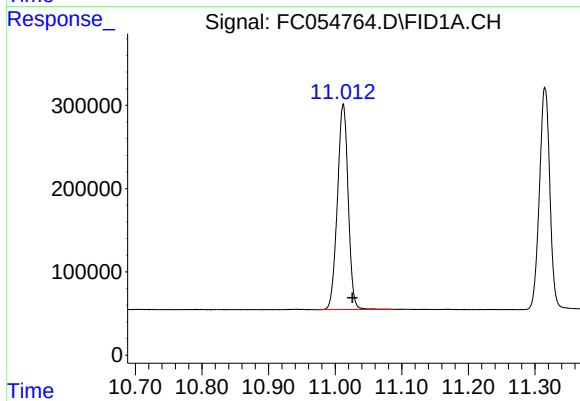
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: -0.014 min
Response: 2735823
Conc: 22.45 ug/ml



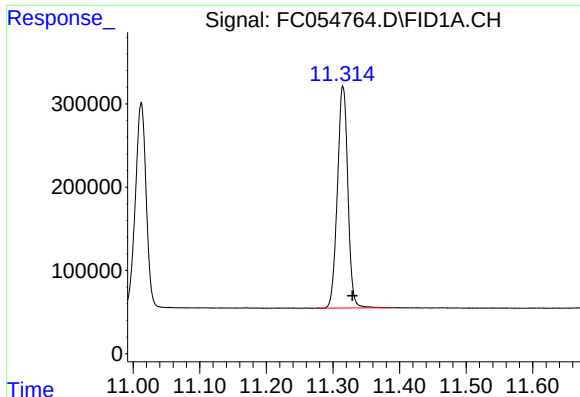
#7 n-Hexadecane (C16)

R.T.: 9.575 min
Delta R.T.: -0.014 min
Response: 2734191
Conc: 21.95 ug/ml



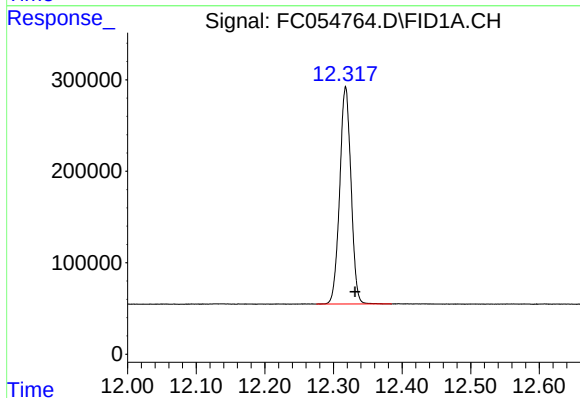
#8 n-Octadecane (C18)

R.T.: 11.012 min
Delta R.T.: -0.014 min
Response: 2774223
Conc: 21.48 ug/ml



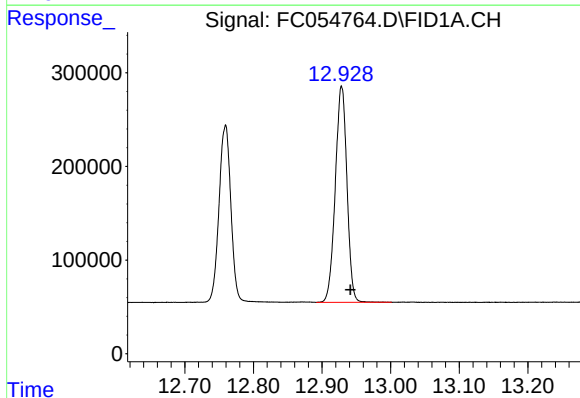
#9 ortho-Terphenyl (SURR)

R.T.: 11.315 min
Delta R.T.: -0.014 min
Response: 2913198
Conc: 20.58 ug/ml



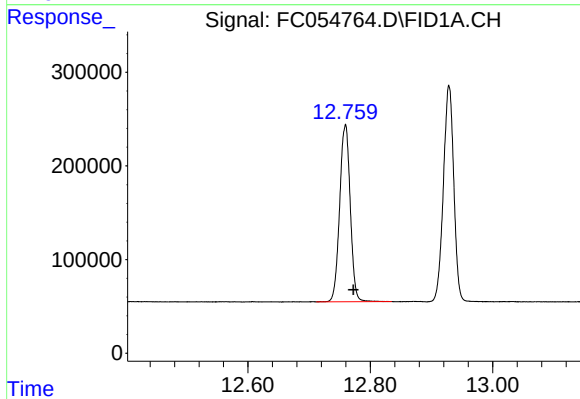
#10 n-Eicosane (C20)

R.T.: 12.318 min
Delta R.T.: -0.014 min
Response: 2714542
Conc: 20.86 ug/ml



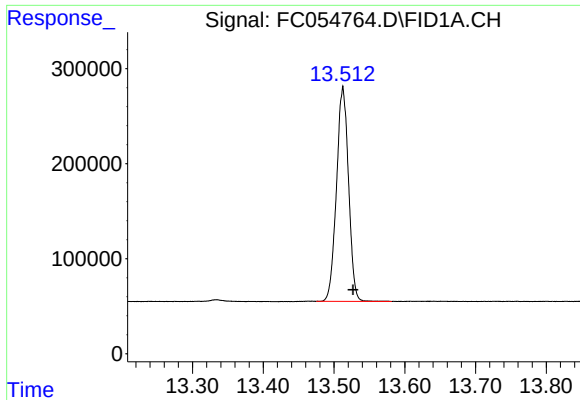
#11 n-Heneicosane (C21)

R.T.: 12.929 min
Delta R.T.: -0.013 min
Response: 2725248
Conc: 20.53 ug/ml



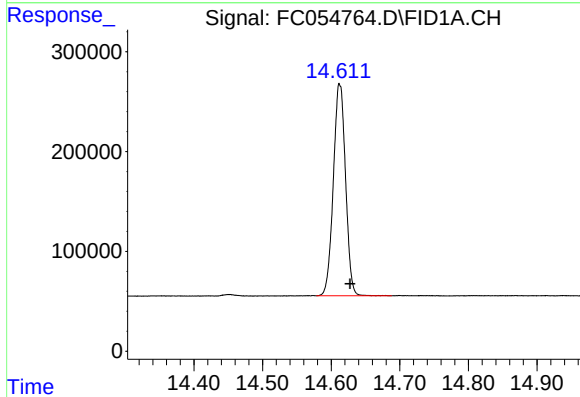
#12 1-chlorooctadecane (SURR)

R.T.: 12.759 min
Delta R.T.: -0.014 min
Response: 2271441
Conc: 20.38 ug/ml



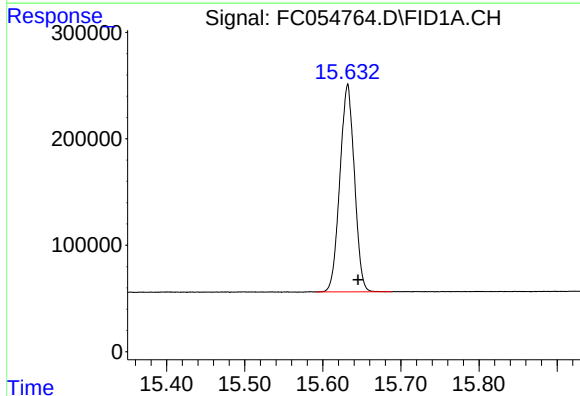
#13 n-Docosane (C22)

R.T.: 13.512 min
Delta R.T.: -0.014 min
Response: 2669740
Conc: 20.15 ug/ml



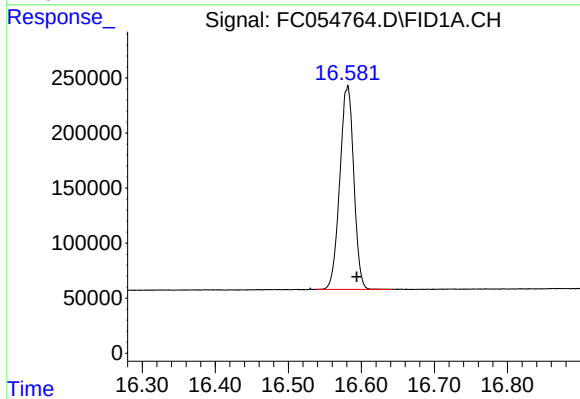
#14 n-Tetracosane (C24)

R.T.: 14.612 min
Delta R.T.: -0.015 min
Response: 2622933
Conc: 19.38 ug/ml



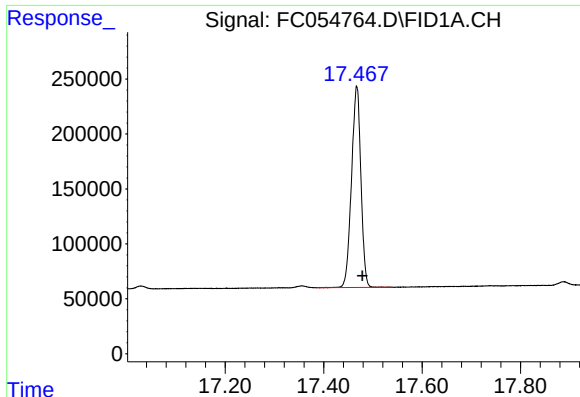
#15 n-Hexacosane (C26)

R.T.: 15.632 min
Delta R.T.: -0.014 min
Response: 2517903
Conc: 18.58 ug/ml



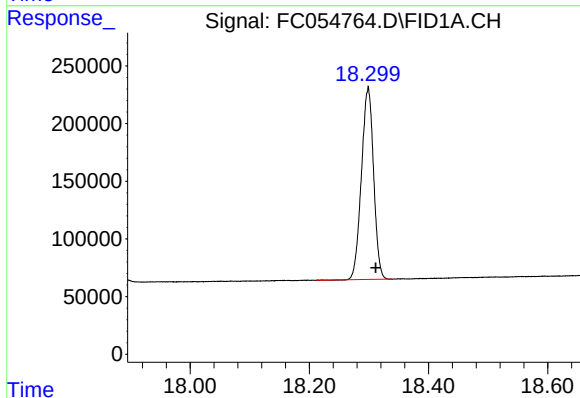
#16 n-Octacosane (C28)

R.T.: 16.581 min
Delta R.T.: -0.013 min
Response: 2456988
Conc: 17.90 ug/ml



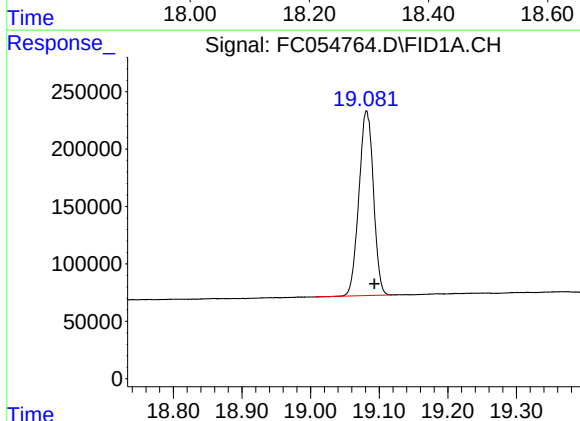
#17 n-Tricontane (C30)

R.T.: 17.467 min
Delta R.T.: -0.012 min
Response: 2422582
Conc: 17.49 ug/ml



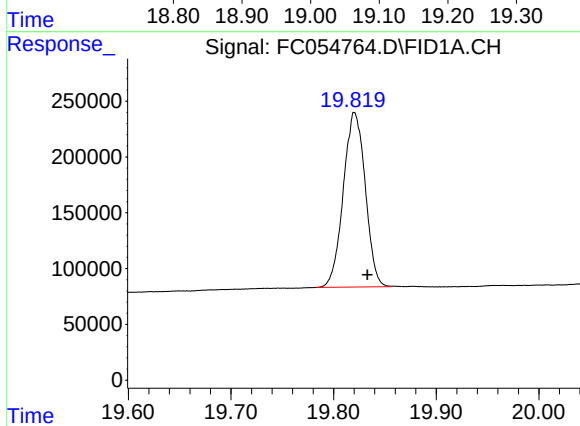
#18 n-Dotriacontane (C32)

R.T.: 18.298 min
Delta R.T.: -0.013 min
Response: 2353472
Conc: 17.20 ug/ml



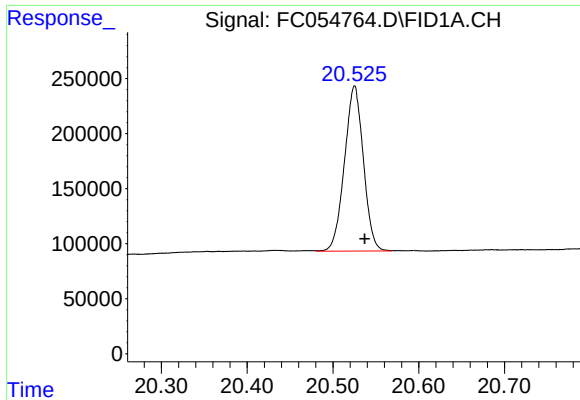
#19 n-Tetratriacontane (C34)

R.T.: 19.082 min
Delta R.T.: -0.012 min
Response: 2362864
Conc: 17.49 ug/ml



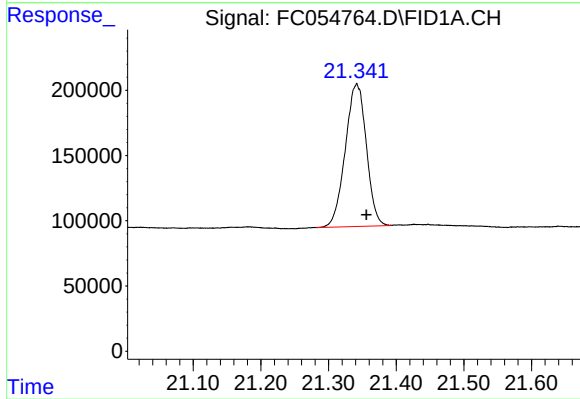
#20 n-Hexatriacontane (C36)

R.T.: 19.819 min
Delta R.T.: -0.014 min
Response: 2327626
Conc: 18.86 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.525 min
Delta R.T.: -0.012 min
Response: 2298697
Conc: 20.32 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.341 min
Delta R.T.: -0.015 min
Response: 2366543
Conc: 20.94 ug/ml m