

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030921AL\
 Data File : FC052324.D
 Signal(s) : FID1A.CH
 Acq On : 09 Mar 2021 9:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 10 02:43:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.611	2577921	19.548 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	13.048	2013904	19.364 ug/ml
Spiked Amount 50.000		Recovery =	38.73%
Target Compounds			
1) T n-Nonane (C9)	3.353	2385198	20.235 ug/ml
2) T n-Decane (C10)	4.422	2431813	20.476 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2725014	20.523 ug/ml
4) T n-Dodecane (C12)	6.445	2502027	20.697 ug/ml
5) T A~2-methylnaphthalene...	7.073	2794595	20.589 ug/ml
6) T n-Tetradecane (C14)	8.245	2501075	20.629 ug/ml
7) T n-Hexadecane (C16)	9.848	2432992	20.334 ug/ml
8) T n-Octadecane (C18)	11.292	2484260	20.069 ug/ml
10) T n-Eicosane (C20)	12.603	2420850	19.647 ug/ml
11) T n-Heneicosane (C21)	13.215	2366622	19.387 ug/ml
13) T n-Docosane (C22)	13.802	2311368	19.210 ug/ml
14) T n-Tetracosane (C24)	14.906	2180431	18.703 ug/ml
15) T n-Hexacosane (C26)	15.927	2024924	18.433 ug/ml
16) T n-Octacosane (C28)	16.876	1909456	18.629 ug/ml
17) T n-Tricontane (C30)	17.763	1820048	19.333 ug/ml
18) T n-Dotriacontane (C32)	18.597	1739595	20.374 ug/ml
19) T n-Tetratriacontane (C34)	19.380	1713891	22.107 ug/ml
20) T n-Hexatriacontane (C36)	20.119	1684620	23.444 ug/mlm
21) T n-Octatriacontane (C38)	20.862	1633888	23.852 ug/ml
22) T n-Tetracontane (C40)	21.785	1702215	23.671 ug/ml

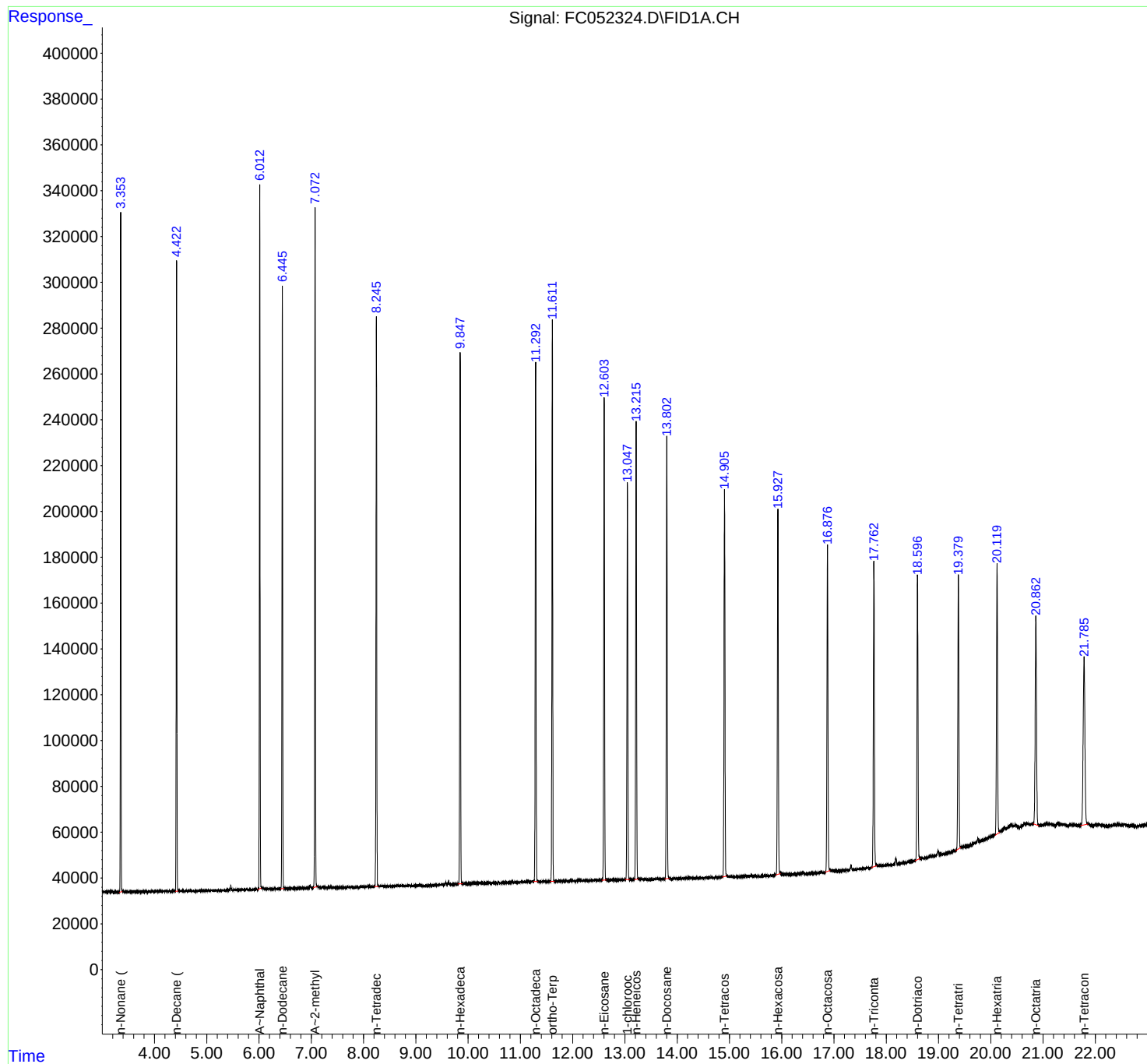
(f)=RT Delta > 1/2 Window

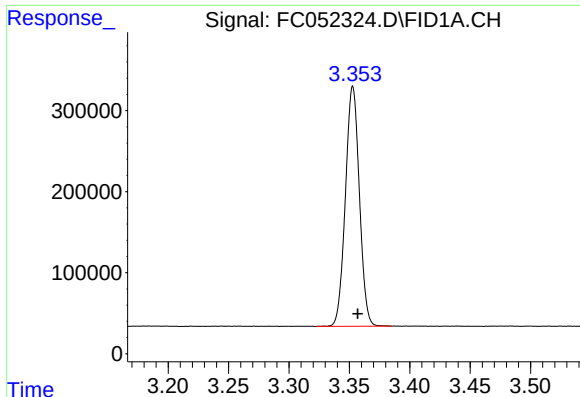
(m)=manual int.

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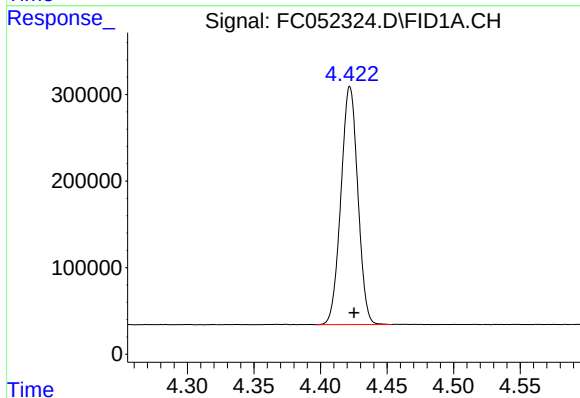
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Signal Info : 20M x 0.18mm x 0.18um





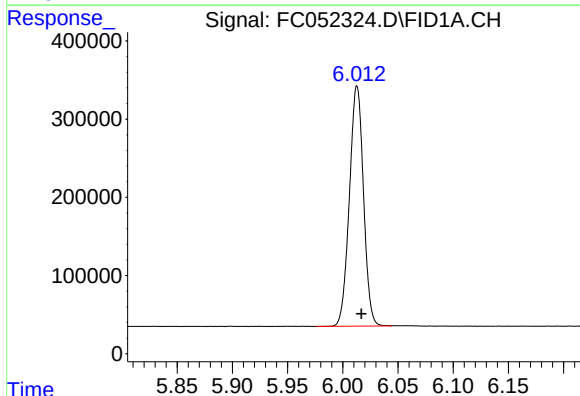
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.004 min
Response: 2385198
Conc: 20.23 ug/ml



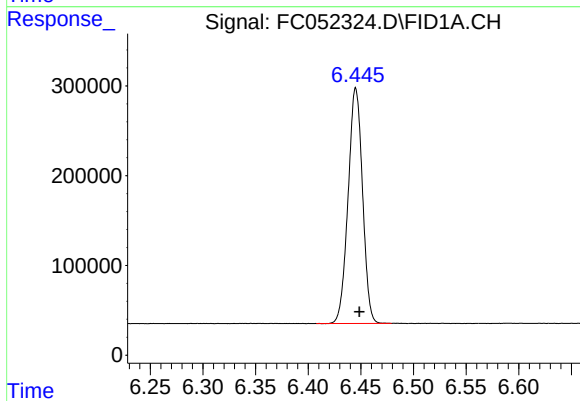
#2 n-Decane (C10)

R.T.: 4.422 min
Delta R.T.: -0.003 min
Response: 2431813
Conc: 20.48 ug/ml



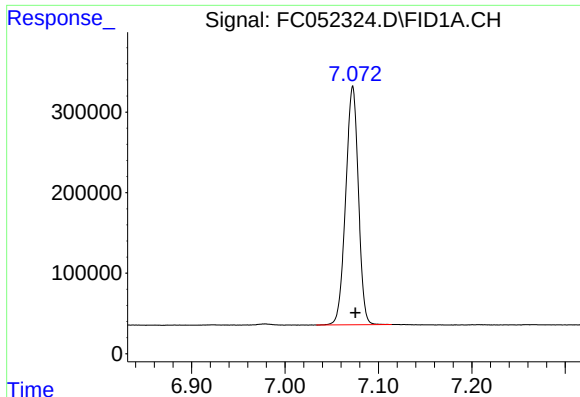
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.004 min
Response: 2725014
Conc: 20.52 ug/ml



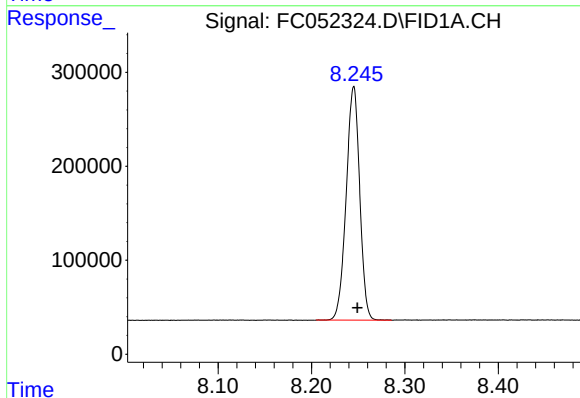
#4 n-Dodecane (C12)

R.T.: 6.445 min
Delta R.T.: -0.004 min
Response: 2502027
Conc: 20.70 ug/ml



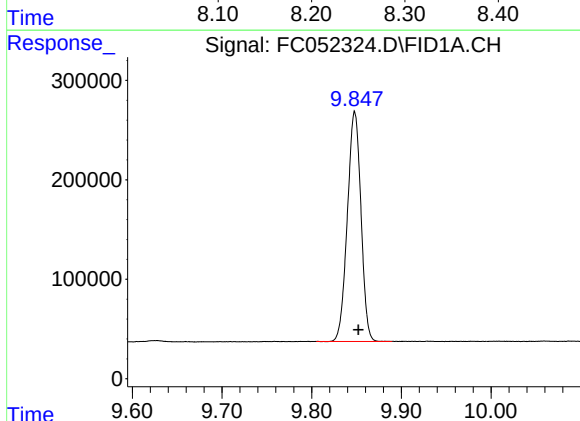
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.003 min
Response: 2794595
Conc: 20.59 ug/ml



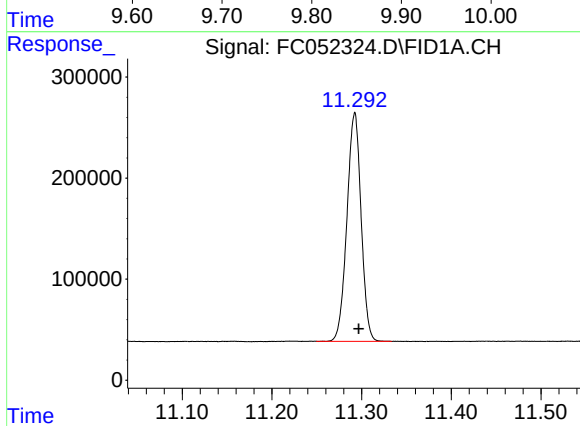
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.004 min
Response: 2501075
Conc: 20.63 ug/ml



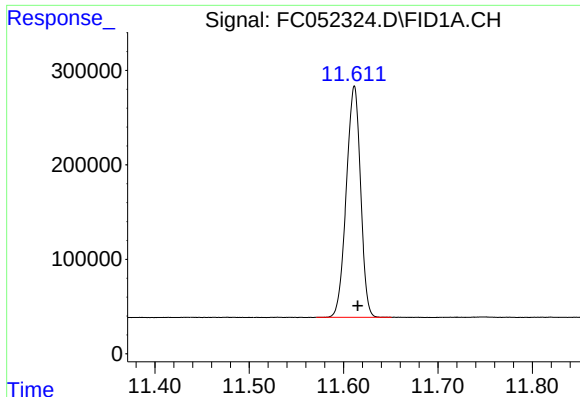
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.004 min
Response: 2432992
Conc: 20.33 ug/ml



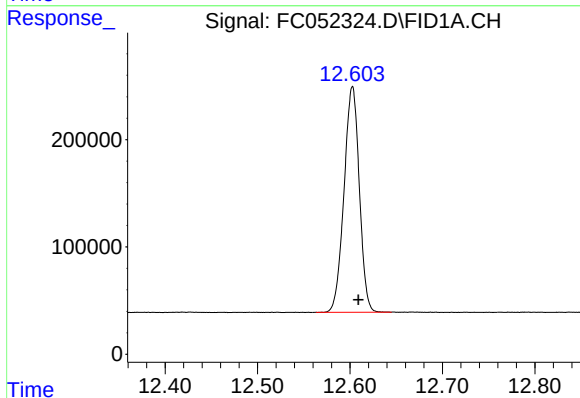
#8 n-Octadecane (C18)

R.T.: 11.292 min
Delta R.T.: -0.004 min
Response: 2484260
Conc: 20.07 ug/ml



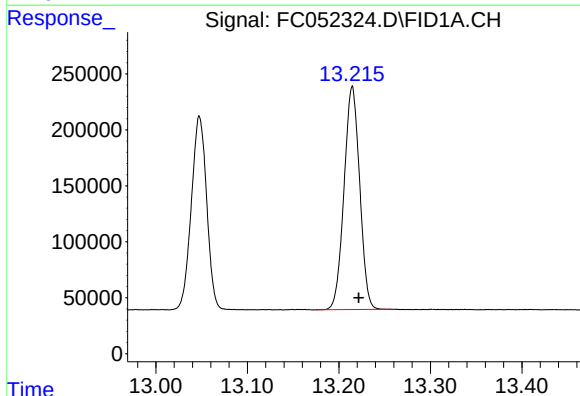
#9 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: -0.004 min
Response: 2577921
Conc: 19.55 ug/ml



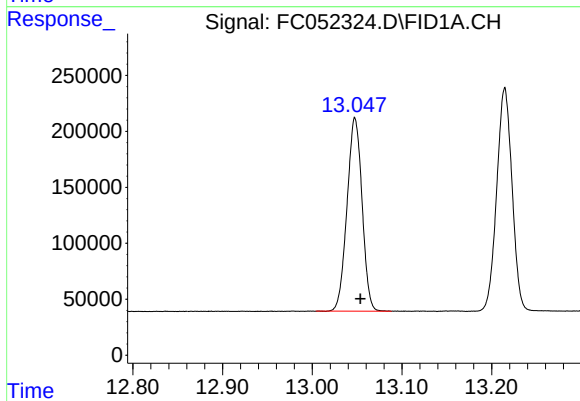
#10 n-Eicosane (C20)

R.T.: 12.603 min
Delta R.T.: -0.006 min
Response: 2420850
Conc: 19.65 ug/ml



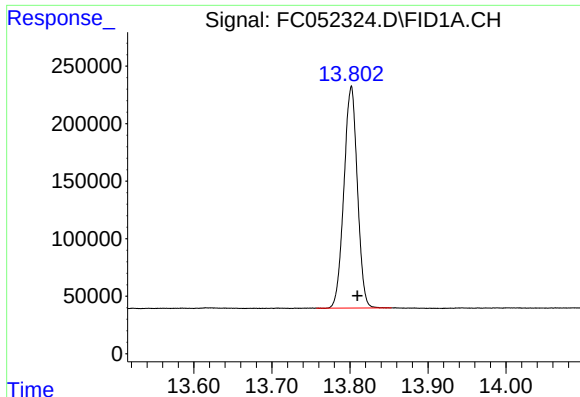
#11 n-Heneicosane (C21)

R.T.: 13.215 min
Delta R.T.: -0.007 min
Response: 2366622
Conc: 19.39 ug/ml



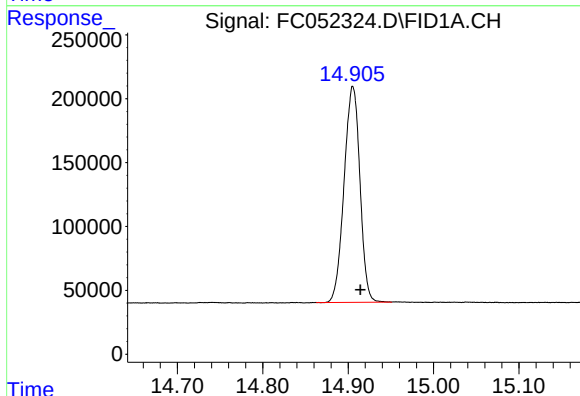
#12 1-chlorooctadecane (SURR)

R.T.: 13.048 min
Delta R.T.: -0.006 min
Response: 2013904
Conc: 19.36 ug/ml



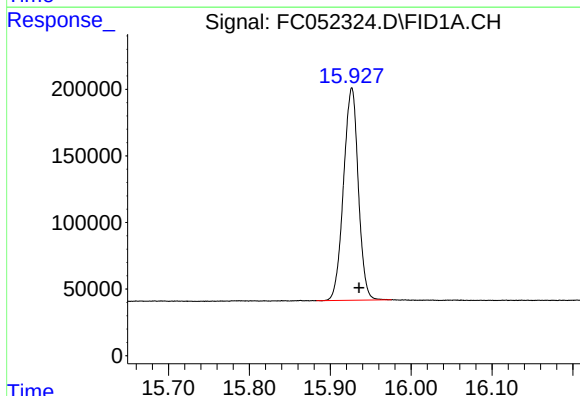
#13 n-Docosane (C22)

R.T.: 13.802 min
Delta R.T.: -0.008 min
Response: 2311368
Conc: 19.21 ug/ml



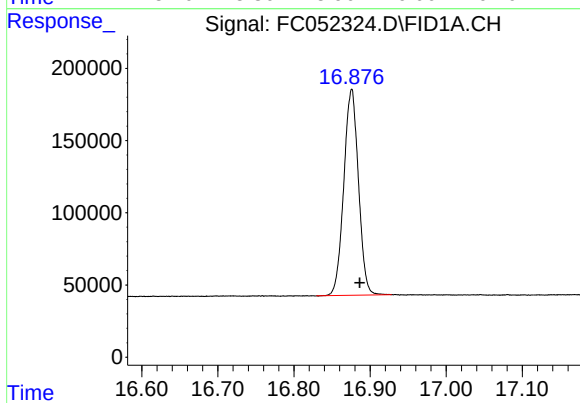
#14 n-Tetracosane (C24)

R.T.: 14.906 min
Delta R.T.: -0.009 min
Response: 2180431
Conc: 18.70 ug/ml



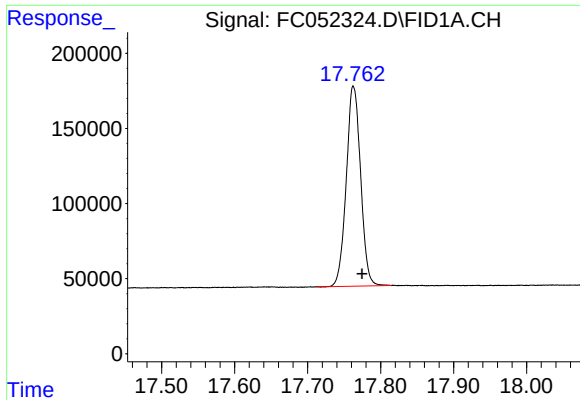
#15 n-Hexacosane (C26)

R.T.: 15.927 min
Delta R.T.: -0.009 min
Response: 2024924
Conc: 18.43 ug/ml



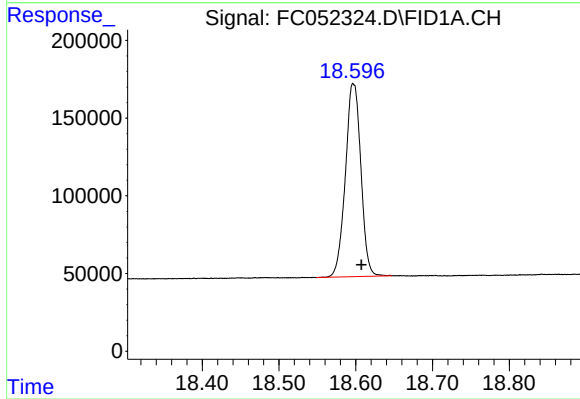
#16 n-Octacosane (C28)

R.T.: 16.876 min
Delta R.T.: -0.011 min
Response: 1909456
Conc: 18.63 ug/ml



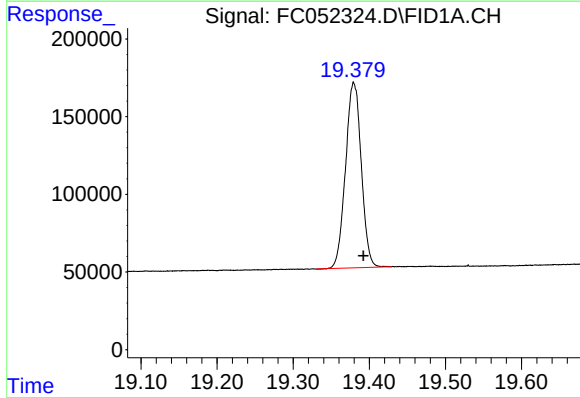
#17 n-Tricontane (C30)

R.T.: 17.763 min
Delta R.T.: -0.012 min
Response: 1820048
Conc: 19.33 ug/ml



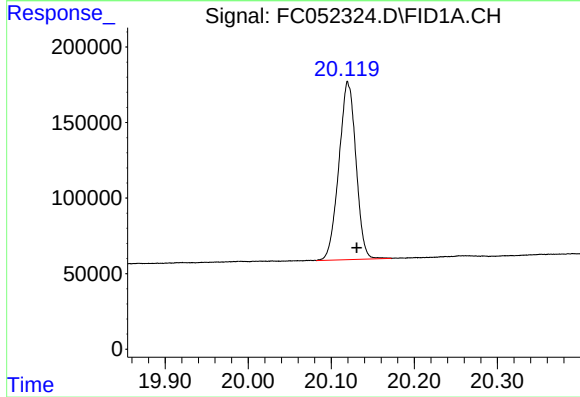
#18 n-Dotriacontane (C32)

R.T.: 18.597 min
Delta R.T.: -0.011 min
Response: 1739595
Conc: 20.37 ug/ml



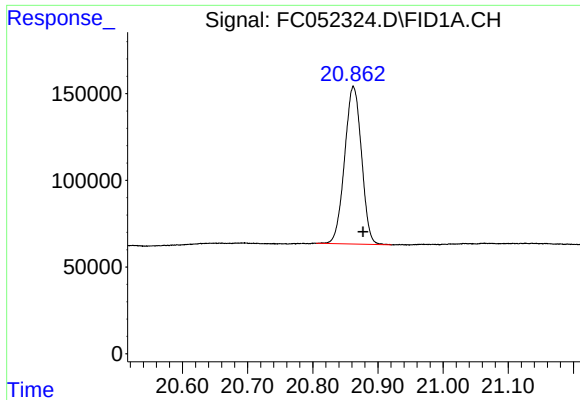
#19 n-Tetratriacontane (C34)

R.T.: 19.380 min
Delta R.T.: -0.013 min
Response: 1713891
Conc: 22.11 ug/ml



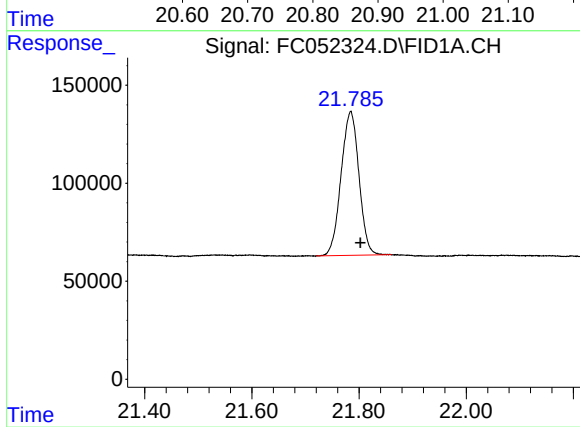
#20 n-Hexatriacontane (C36)

R.T.: 20.119 min
Delta R.T.: -0.012 min
Response: 1684620
Conc: 23.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.862 min
Delta R.T.: -0.015 min
Response: 1633888
Conc: 23.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.785 min
Delta R.T.: -0.018 min
Response: 1702215
Conc: 23.67 ug/ml