

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050521AL\
 Data File : FC053527.D
 Signal(s) : FID1A.CH
 Acq On : 06 May 2021 10:05
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 06 10:45:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.534	2843396	20.538 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
12) S 1-chlorooctadecane (S...	12.976	2258481	20.249 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
Target Compounds			
1) T n-Nonane (C9)	3.292	2464015	20.862 ug/ml
2) T n-Decane (C10)	4.357	2519061	21.273 ug/ml
3) T A~Naphthalene (C11.7)	5.941	2781055	21.343 ug/ml
4) T n-Dodecane (C12)	6.376	2585345	21.366 ug/ml
5) T A~2-methylnaphthalene...	6.999	2854235	21.588 ug/ml
6) T n-Tetradecane (C14)	8.174	2617533	21.487 ug/ml
7) T n-Hexadecane (C16)	9.777	2601353	21.239 ug/ml
8) T n-Octadecane (C18)	11.220	2707069	20.786 ug/ml
10) T n-Eicosane (C20)	12.531	2709566	20.471 ug/ml
11) T n-Heneicosane (C21)	13.144	2697994	20.315 ug/ml
13) T n-Docosane (C22)	13.731	2705291	20.339 ug/ml
14) T n-Tetracosane (C24)	14.835	2663041	19.950 ug/ml
15) T n-Hexacosane (C26)	15.857	2581067	19.522 ug/ml
16) T n-Octacosane (C28)	16.808	2493999	19.052 ug/ml
17) T n-Tricontane (C30)	17.696	2399033	18.393 ug/ml
18) T n-Dotriacontane (C32)	18.529	2251973	17.847 ug/ml
19) T n-Tetratriacontane (C34)	19.314	2138045	17.548 ug/ml
20) T n-Hexatriacontane (C36)	20.053	2004066	17.141 ug/mlm
21) T n-Octatriacontane (C38)	20.784	1875865	18.235 ug/ml
22) T n-Tetracontane (C40)	21.683	1933339	19.402 ug/ml

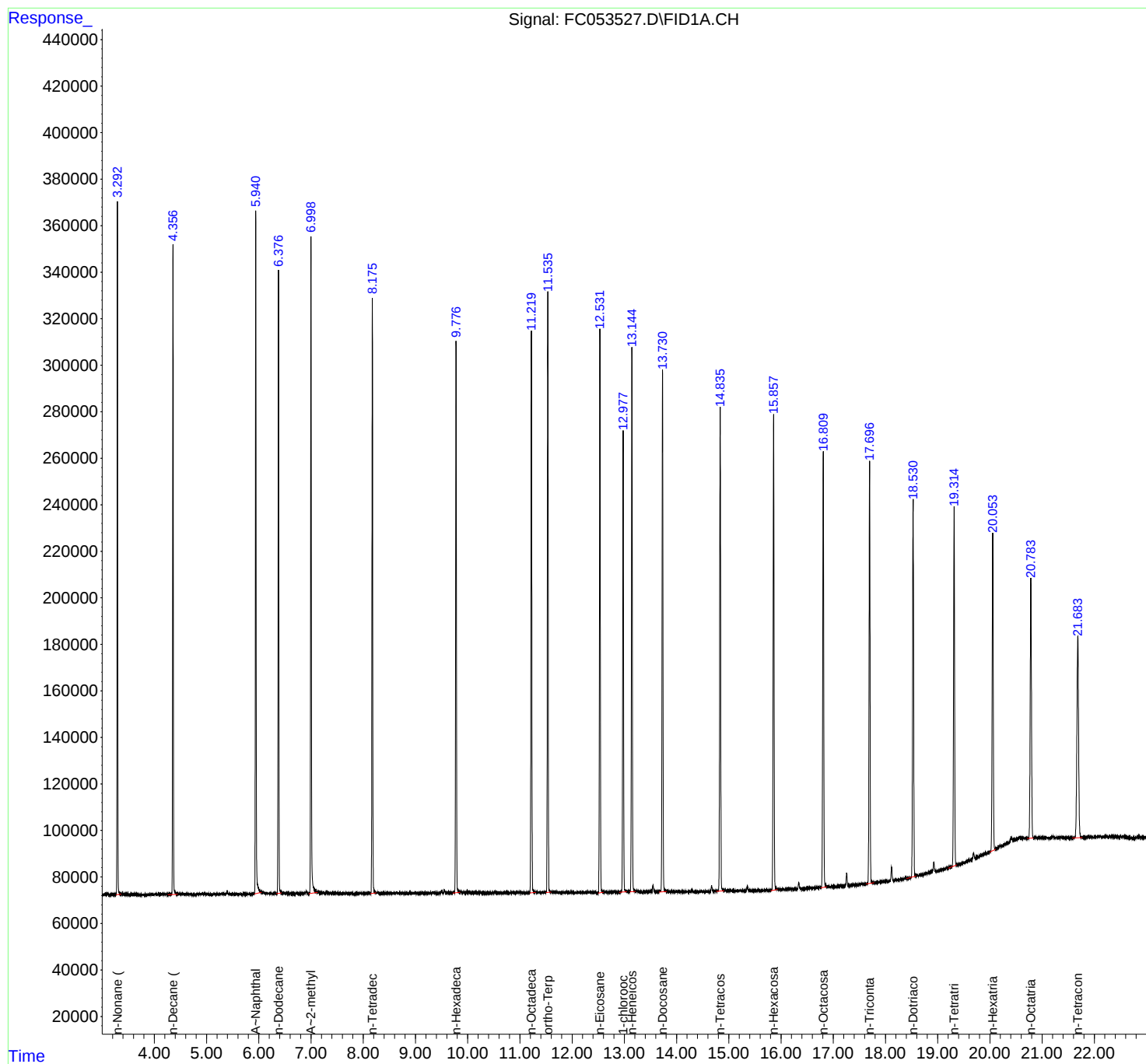
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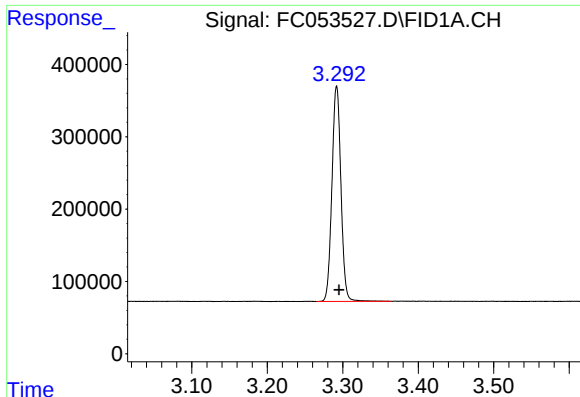
(m)=manual int.

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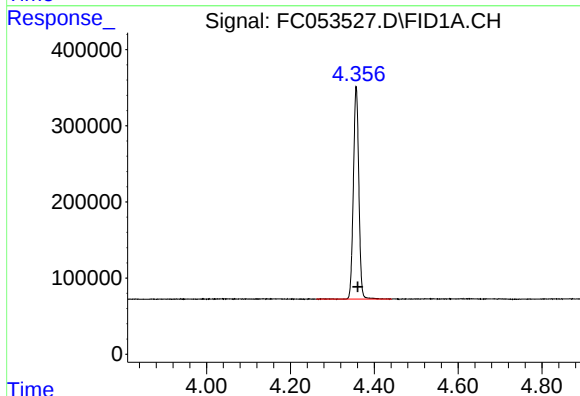
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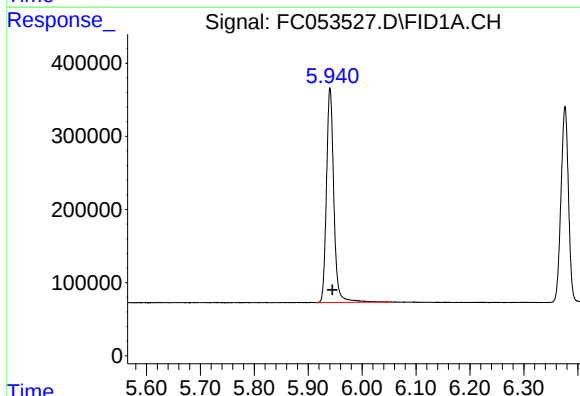
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.003 min
Response: 2464015
Conc: 20.86 ug/ml



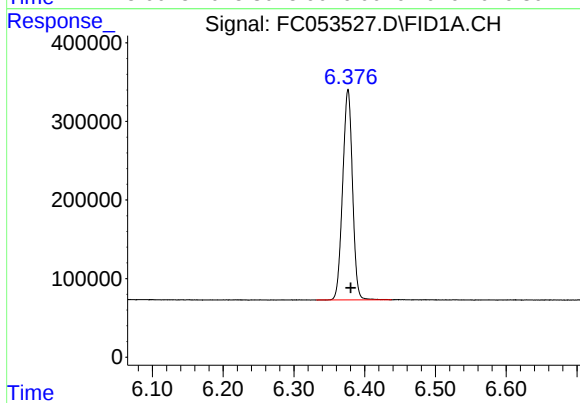
#2 n-Decane (C10)

R.T.: 4.357 min
Delta R.T.: -0.004 min
Response: 2519061
Conc: 21.27 ug/ml



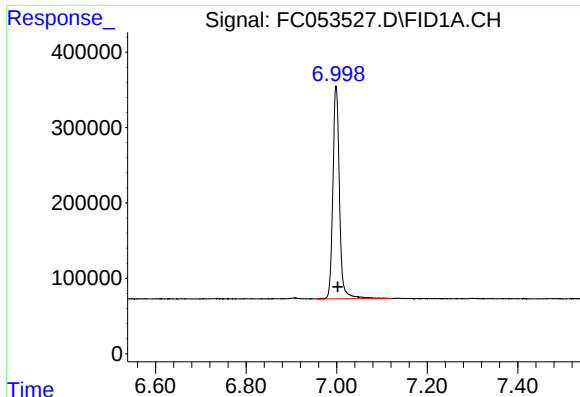
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 2781055
Conc: 21.34 ug/ml



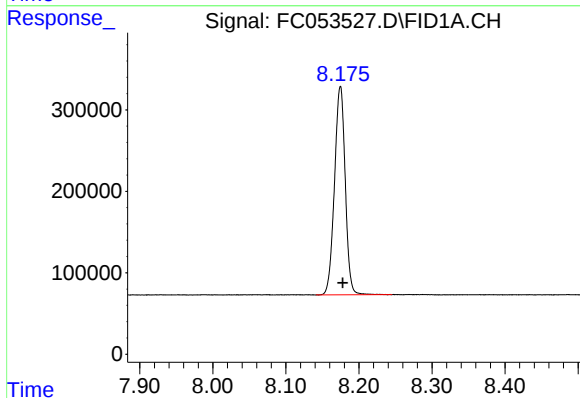
#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.004 min
Response: 2585345
Conc: 21.37 ug/ml



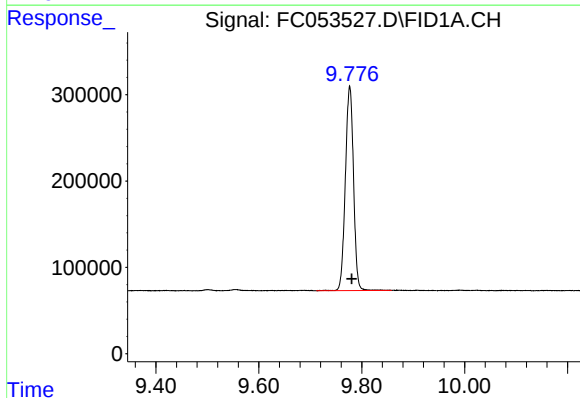
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.004 min
Response: 2854235
Conc: 21.59 ug/ml



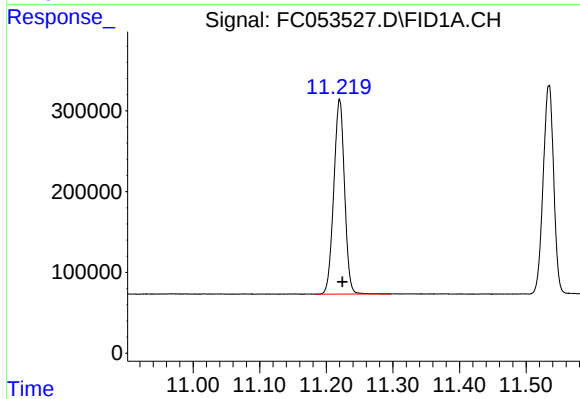
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 2617533
Conc: 21.49 ug/ml



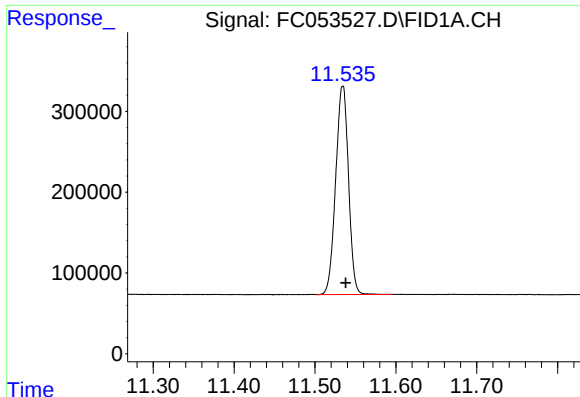
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.004 min
Response: 2601353
Conc: 21.24 ug/ml



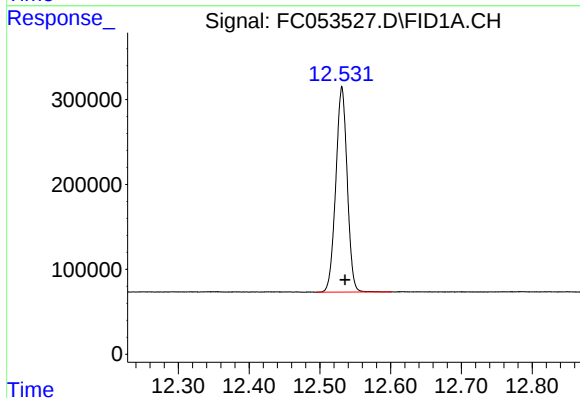
#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.004 min
Response: 2707069
Conc: 20.79 ug/ml



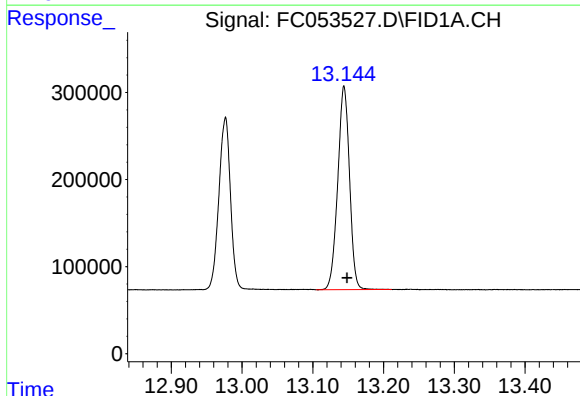
#9 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.004 min
Response: 2843396
Conc: 20.54 ug/ml



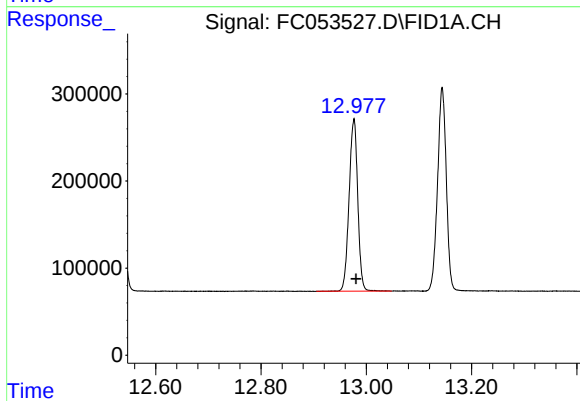
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: -0.005 min
Response: 2709566
Conc: 20.47 ug/ml



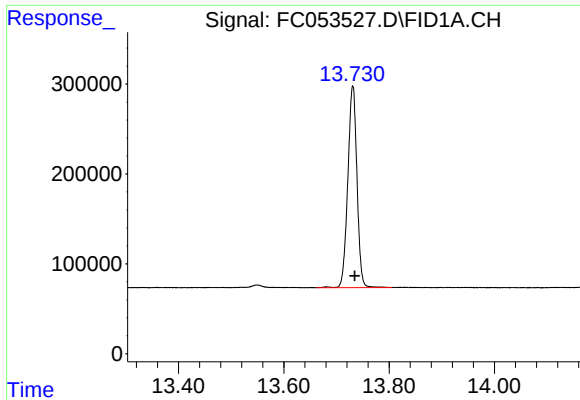
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.004 min
Response: 2697994
Conc: 20.31 ug/ml



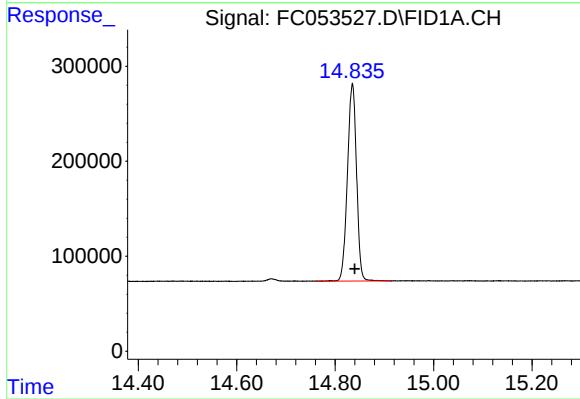
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.004 min
Response: 2258481
Conc: 20.25 ug/ml



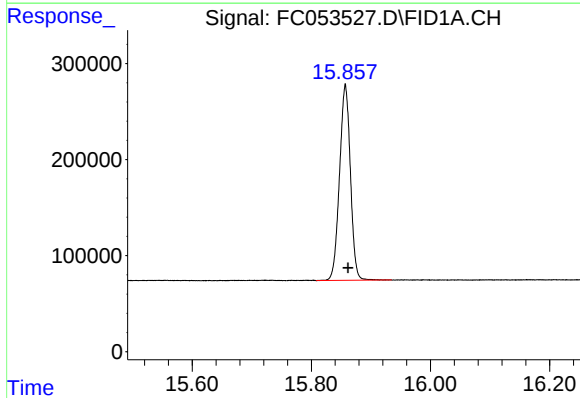
#13 n-Docosane (C22)

R.T.: 13.731 min
Delta R.T.: -0.004 min
Response: 2705291
Conc: 20.34 ug/ml



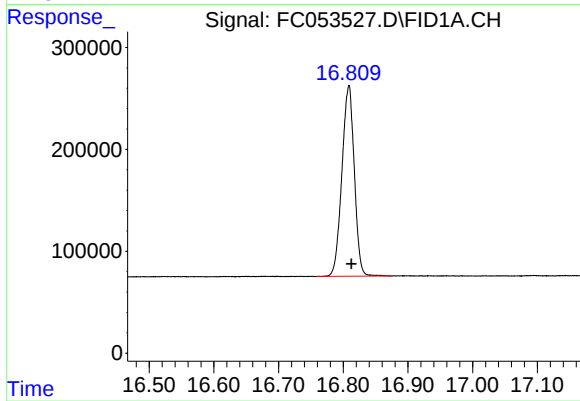
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.005 min
Response: 2663041
Conc: 19.95 ug/ml



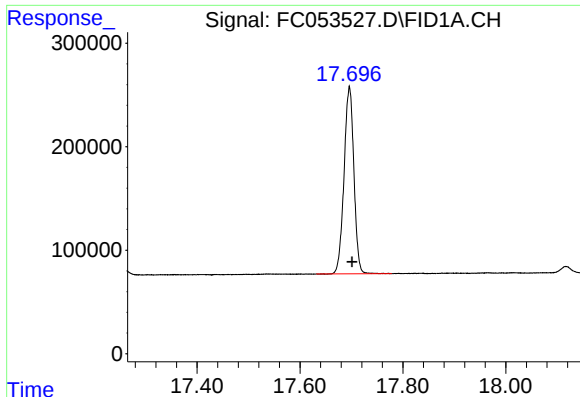
#15 n-Hexacosane (C26)

R.T.: 15.857 min
Delta R.T.: -0.005 min
Response: 2581067
Conc: 19.52 ug/ml



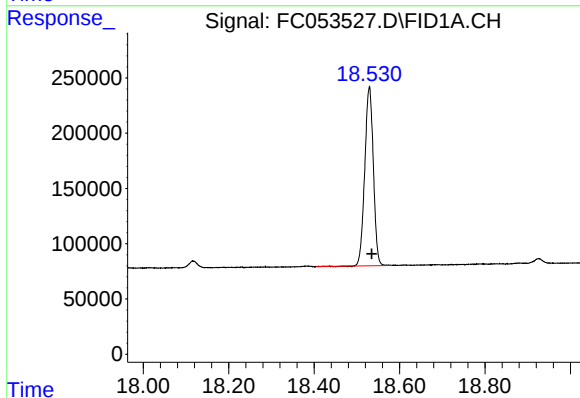
#16 n-Octacosane (C28)

R.T.: 16.808 min
Delta R.T.: -0.004 min
Response: 2493999
Conc: 19.05 ug/ml



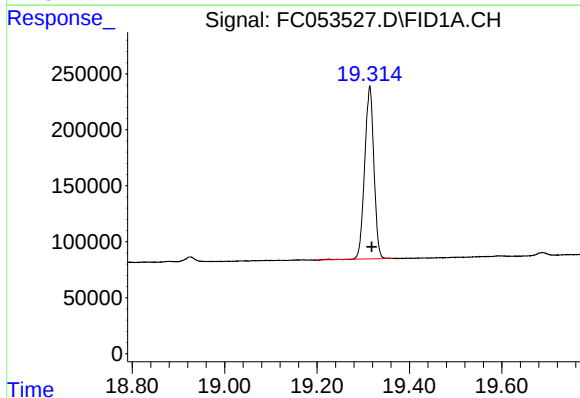
#17 n-Tricontane (C30)

R.T.: 17.696 min
Delta R.T.: -0.005 min
Response: 2399033
Conc: 18.39 ug/ml



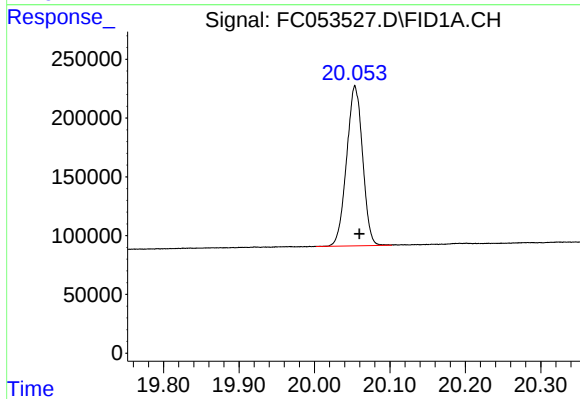
#18 n-Dotriacontane (C32)

R.T.: 18.529 min
Delta R.T.: -0.005 min
Response: 2251973
Conc: 17.85 ug/ml



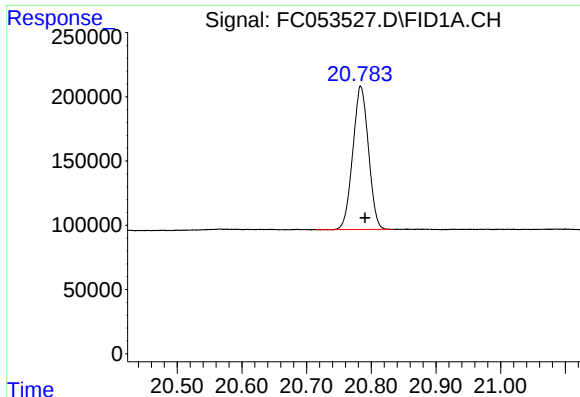
#19 n-Tetratriacontane (C34)

R.T.: 19.314 min
Delta R.T.: -0.004 min
Response: 2138045
Conc: 17.55 ug/ml



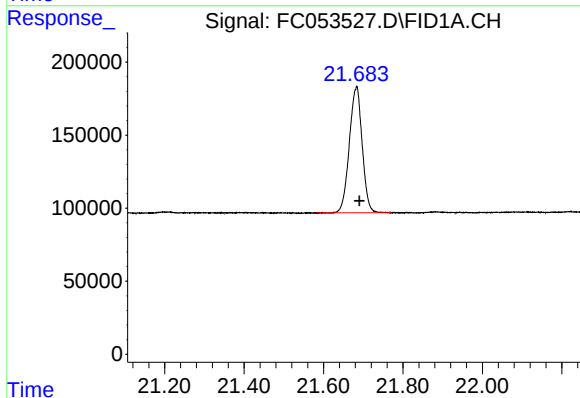
#20 n-Hexatriacontane (C36)

R.T.: 20.053 min
Delta R.T.: -0.006 min
Response: 2004066
Conc: 17.14 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.006 min
Response: 1875865
Conc: 18.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.683 min
Delta R.T.: -0.007 min
Response: 1933339
Conc: 19.40 ug/ml