

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061722AL\
 Data File : FC060304.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jun 2022 9:04
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 17 22:16:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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)	10.647	2808496	18.047 ug/ml
Spiked Amount 50.000		Recovery =	36.09%
12) S 1-chlorooctadecane (S...	12.018	2225166	17.947 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T n-Nonane (C9)	2.620	2563295	20.028 ug/ml
2) T n-Decane (C10)	3.620	2575748	20.134 ug/ml
3) T A~Naphthalene (C11.7)	5.159	2851163	19.726 ug/ml
4) T n-Dodecane (C12)	5.574	2690019	20.179 ug/ml
5) T A~2-methylnaphthalene...	6.184	2882622	19.641 ug/ml
6) T n-Tetradecane (C14)	7.327	2714988	19.888 ug/ml
7) T n-Hexadecane (C16)	8.892	2735123	19.494 ug/ml
8) T n-Octadecane (C18)	10.301	2713976	18.964 ug/ml
10) T n-Eicosane (C20)	11.581	2615260	18.331 ug/ml
11) T n-Heneicosane (C21)	12.181	2579500	17.996 ug/ml
13) T n-Docosane (C22)	12.754	2526447	17.730 ug/ml
14) T n-Tetracosane (C24)	13.833	2414211	17.204 ug/ml
15) T n-Hexacosane (C26)	14.832	2305439	17.025 ug/ml
16) T n-Octacosane (C28)	15.760	2258511	17.342 ug/ml
17) T n-Tricontane (C30)	16.629	2251672	18.392 ug/ml
18) T n-Dotriacontane (C32)	17.441	2179675	19.549 ug/ml
19) T n-Tetratriacontane (C34)	18.207	2076562	20.359 ug/ml
20) T n-Hexatriacontane (C36)	18.930	1966131	20.762 ug/ml
21) T n-Octatriacontane (C38)	19.614	1948419	21.118 ug/ml
22) T n-Tetracontane (C40)	20.263	1915772	20.362 ug/ml

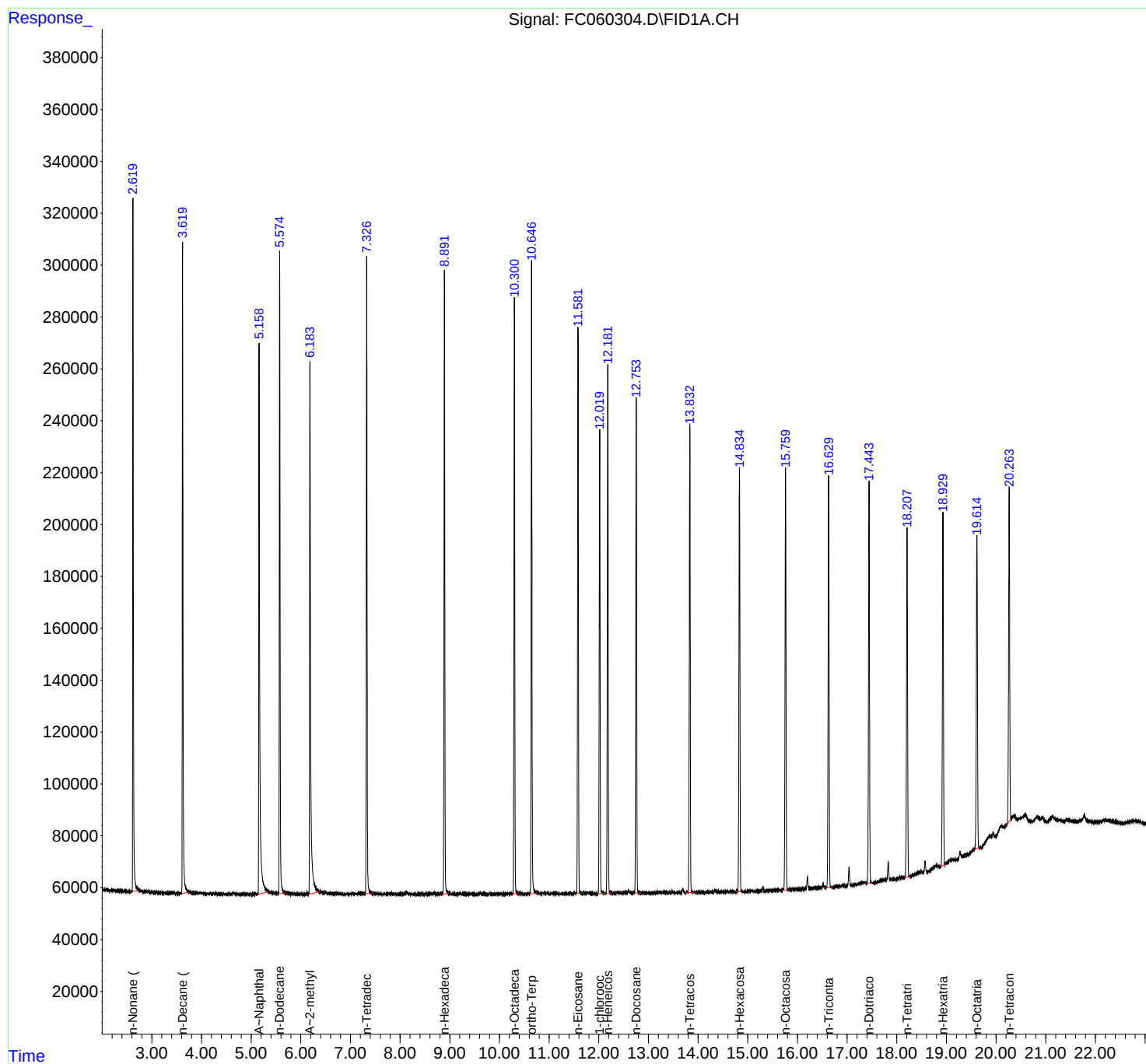
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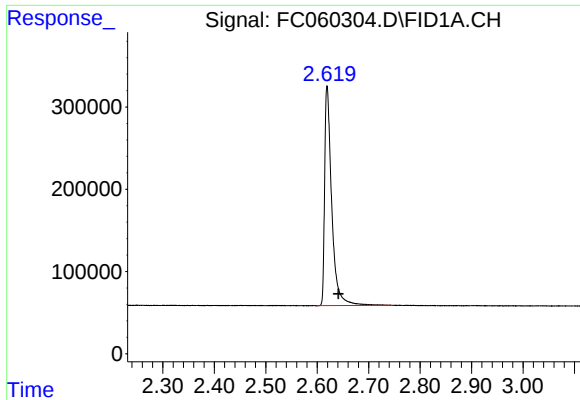
(m)=manual int.

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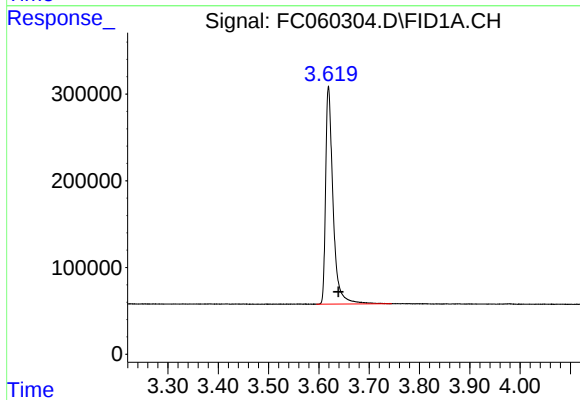
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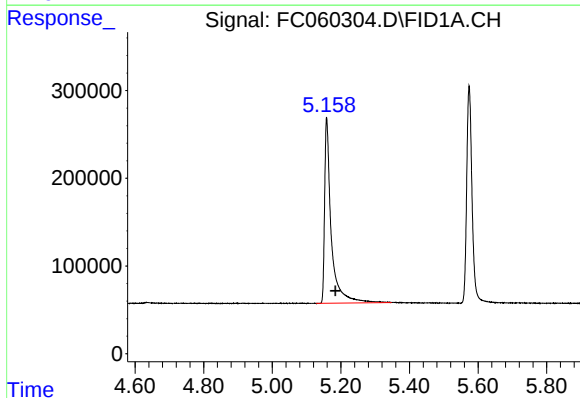
#1 n-Nonane (C9)

R.T.: 2.620 min
Delta R.T.: -0.021 min
Response: 2563295
Conc: 20.03 ug/ml



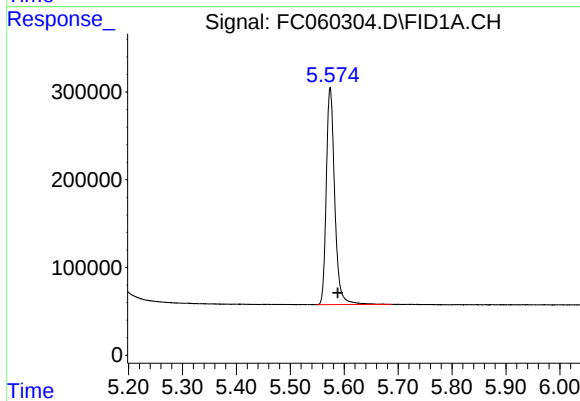
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.019 min
Response: 2575748
Conc: 20.13 ug/ml



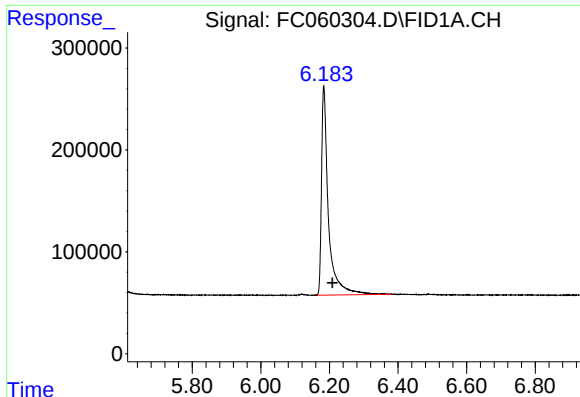
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.025 min
Response: 2851163
Conc: 19.73 ug/ml



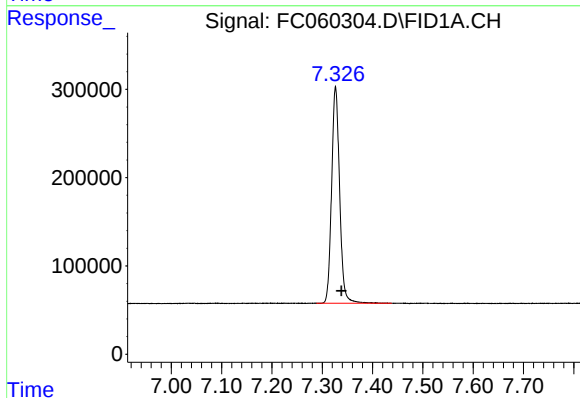
#4 n-Dodecane (C12)

R.T.: 5.574 min
Delta R.T.: -0.014 min
Response: 2690019
Conc: 20.18 ug/ml



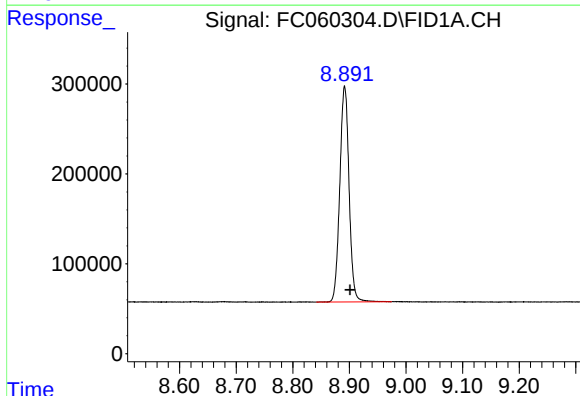
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.024 min
Response: 2882622
Conc: 19.64 ug/ml



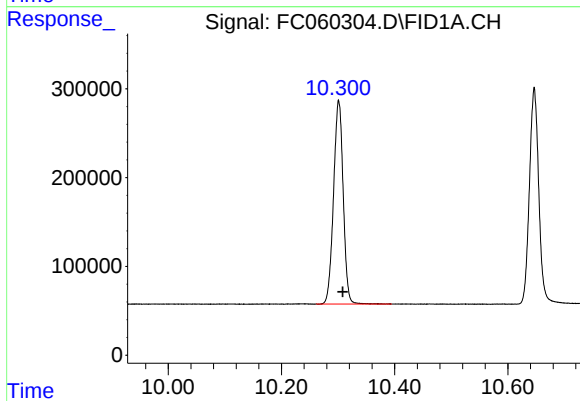
#6 n-Tetradecane (C14)

R.T.: 7.327 min
Delta R.T.: -0.011 min
Response: 2714988
Conc: 19.89 ug/ml



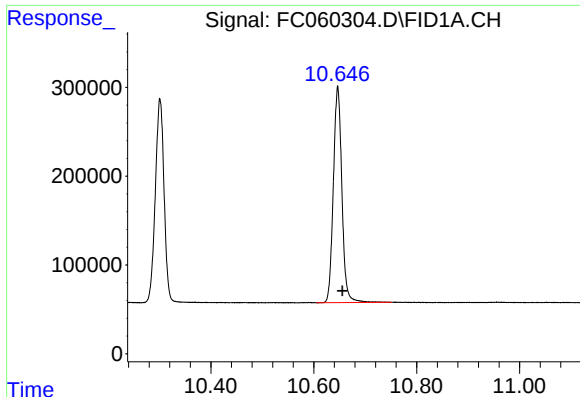
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.010 min
Response: 2735123
Conc: 19.49 ug/ml



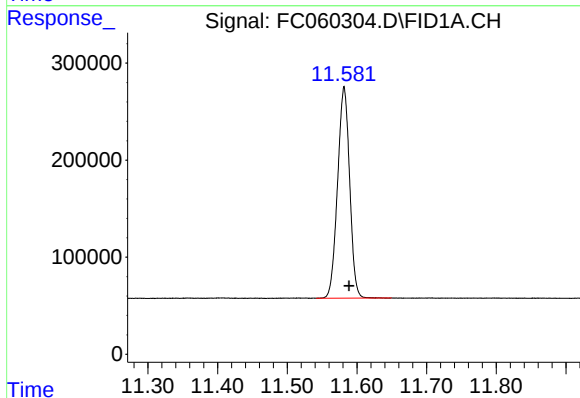
#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2713976
Conc: 18.96 ug/ml



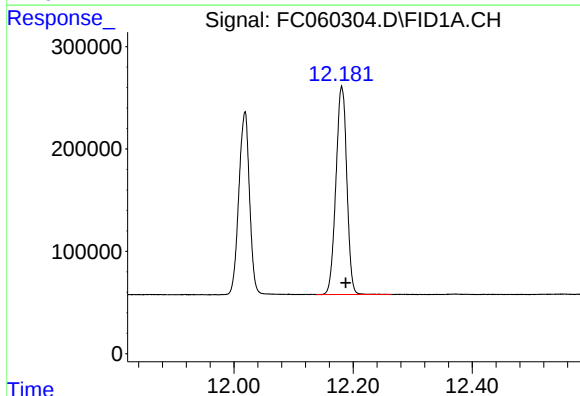
#9 ortho-Terphenyl (SURR)

R.T.: 10.647 min
Delta R.T.: -0.009 min
Response: 2808496
Conc: 18.05 ug/ml



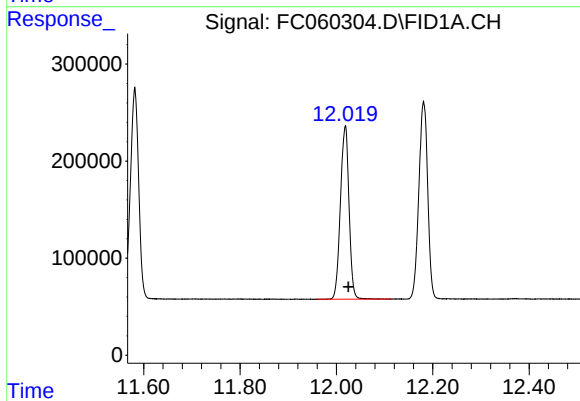
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.007 min
Response: 2615260
Conc: 18.33 ug/ml



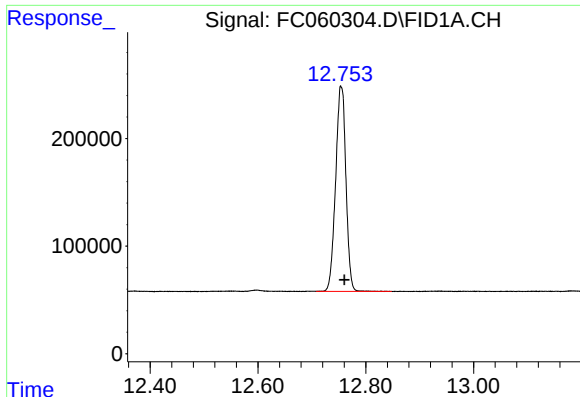
#11 n-Heneicosane (C21)

R.T.: 12.181 min
Delta R.T.: -0.007 min
Response: 2579500
Conc: 18.00 ug/ml



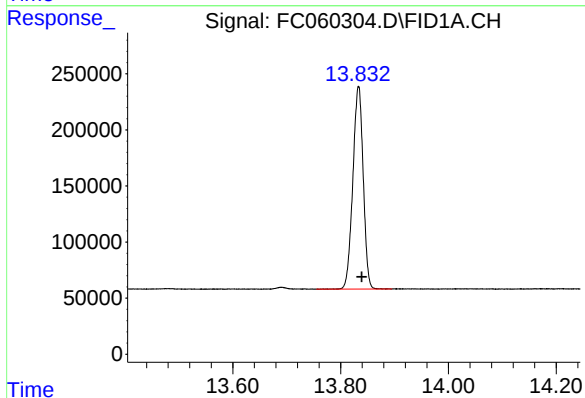
#12 1-chlorooctadecane (SURR)

R.T.: 12.018 min
Delta R.T.: -0.007 min
Response: 2225166
Conc: 17.95 ug/ml



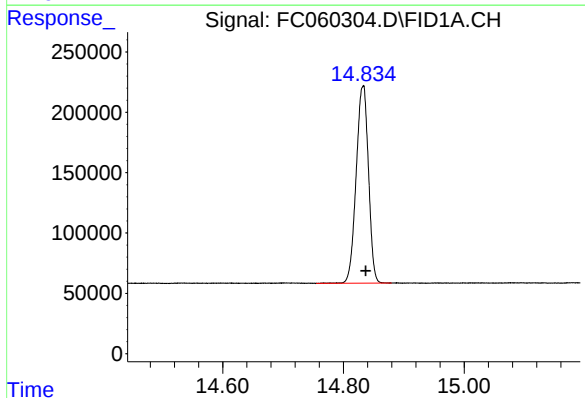
#13 n-Docosane (C22)

R.T.: 12.754 min
Delta R.T.: -0.006 min
Response: 2526447
Conc: 17.73 ug/ml



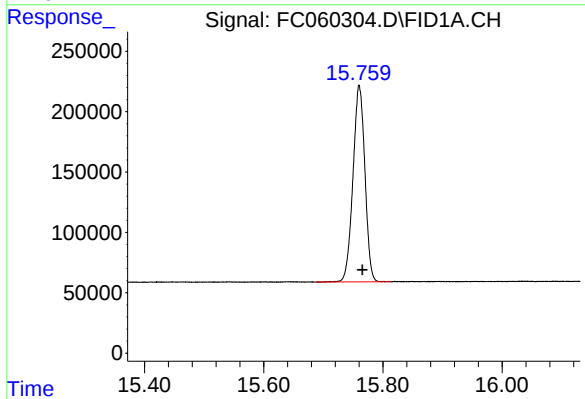
#14 n-Tetracosane (C24)

R.T.: 13.833 min
Delta R.T.: -0.006 min
Response: 2414211
Conc: 17.20 ug/ml



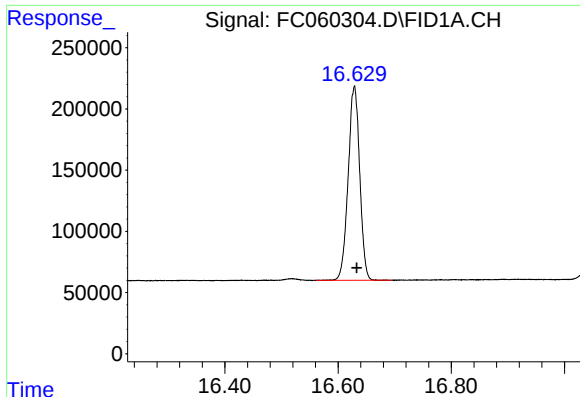
#15 n-Hexacosane (C26)

R.T.: 14.832 min
Delta R.T.: -0.005 min
Response: 2305439
Conc: 17.02 ug/ml



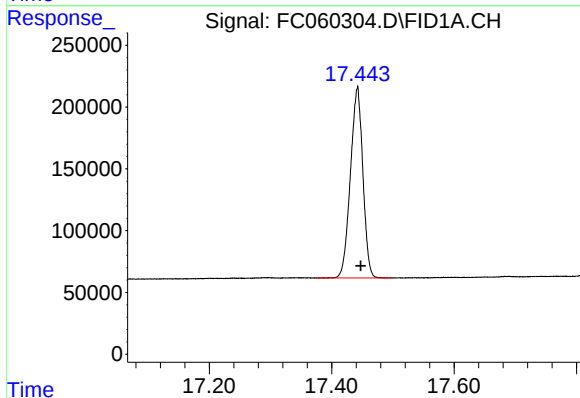
#16 n-Octacosane (C28)

R.T.: 15.760 min
Delta R.T.: -0.006 min
Response: 2258511
Conc: 17.34 ug/ml



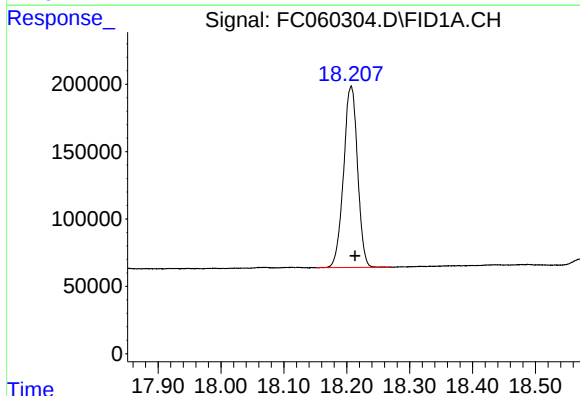
#17 n-Tricontane (C30)

R.T.: 16.629 min
Delta R.T.: -0.004 min
Response: 2251672
Conc: 18.39 ug/ml



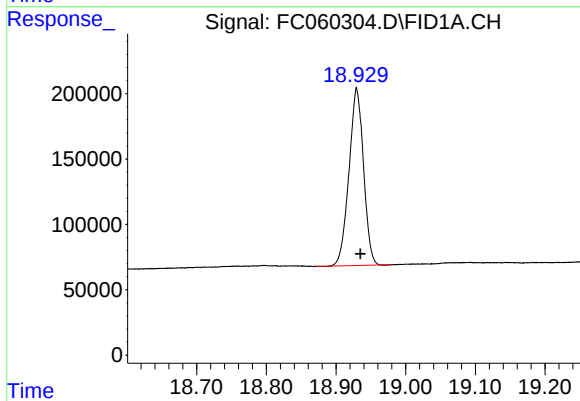
#18 n-Dotriacontane (C32)

R.T.: 17.441 min
Delta R.T.: -0.006 min
Response: 2179675
Conc: 19.55 ug/ml



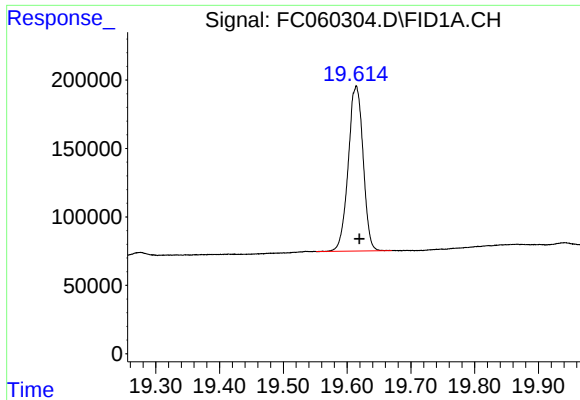
#19 n-Tetratriacontane (C34)

R.T.: 18.207 min
Delta R.T.: -0.007 min
Response: 2076562
Conc: 20.36 ug/ml



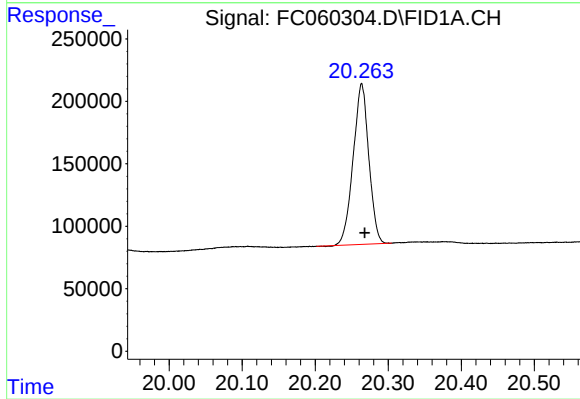
#20 n-Hexatriacontane (C36)

R.T.: 18.930 min
Delta R.T.: -0.005 min
Response: 1966131
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.614 min
Delta R.T.: -0.005 min
Response: 1948419
Conc: 21.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.263 min
Delta R.T.: -0.005 min
Response: 1915772
Conc: 20.36 ug/ml