

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062821AL\
 Data File : FC054464.D
 Signal(s) : FID1A.CH
 Acq On : 28 Jun 2021 10:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 29 04:52:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.333	2735792	19.325 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
12) S 1-chlorooctadecane (S...	12.776	2162707	19.401 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T n-Nonane (C9)	3.148	2232517	18.985 ug/ml
2) T n-Decane (C10)	4.202	2258631	19.021 ug/ml
3) T A-Naphthalene (C11.7)	5.768	2483495	18.890 ug/ml
4) T n-Dodecane (C12)	6.209	2305332	19.234 ug/ml
5) T A~2-methylnaphthalene...	6.821	2522225	19.105 ug/ml
6) T n-Tetradecane (C14)	7.997	2368163	19.437 ug/ml
7) T n-Hexadecane (C16)	9.592	2406699	19.321 ug/ml
8) T n-Octadecane (C18)	11.030	2503822	19.386 ug/ml
10) T n-Eicosane (C20)	12.335	2520040	19.367 ug/ml
11) T n-Heneicosane (C21)	12.945	2569383	19.352 ug/ml
13) T n-Docosane (C22)	13.530	2570437	19.402 ug/ml
14) T n-Tetracosane (C24)	14.630	2617462	19.336 ug/ml
15) T n-Hexacosane (C26)	15.649	2630215	19.410 ug/ml
16) T n-Octacosane (C28)	16.597	2647051	19.285 ug/ml
17) T n-Tricontane (C30)	17.482	2614171	18.874 ug/ml
18) T n-Dotriacontane (C32)	18.314	2525071	18.457 ug/ml
19) T n-Tetratriacontane (C34)	19.097	2399473	17.758 ug/ml
20) T n-Hexatriacontane (C36)	19.836	2168562	17.568 ug/ml
21) T n-Octatriacontane (C38)	20.540	2047388	18.100 ug/ml
22) T n-Tetracontane (C40)	21.360	2071448	18.327 ug/ml

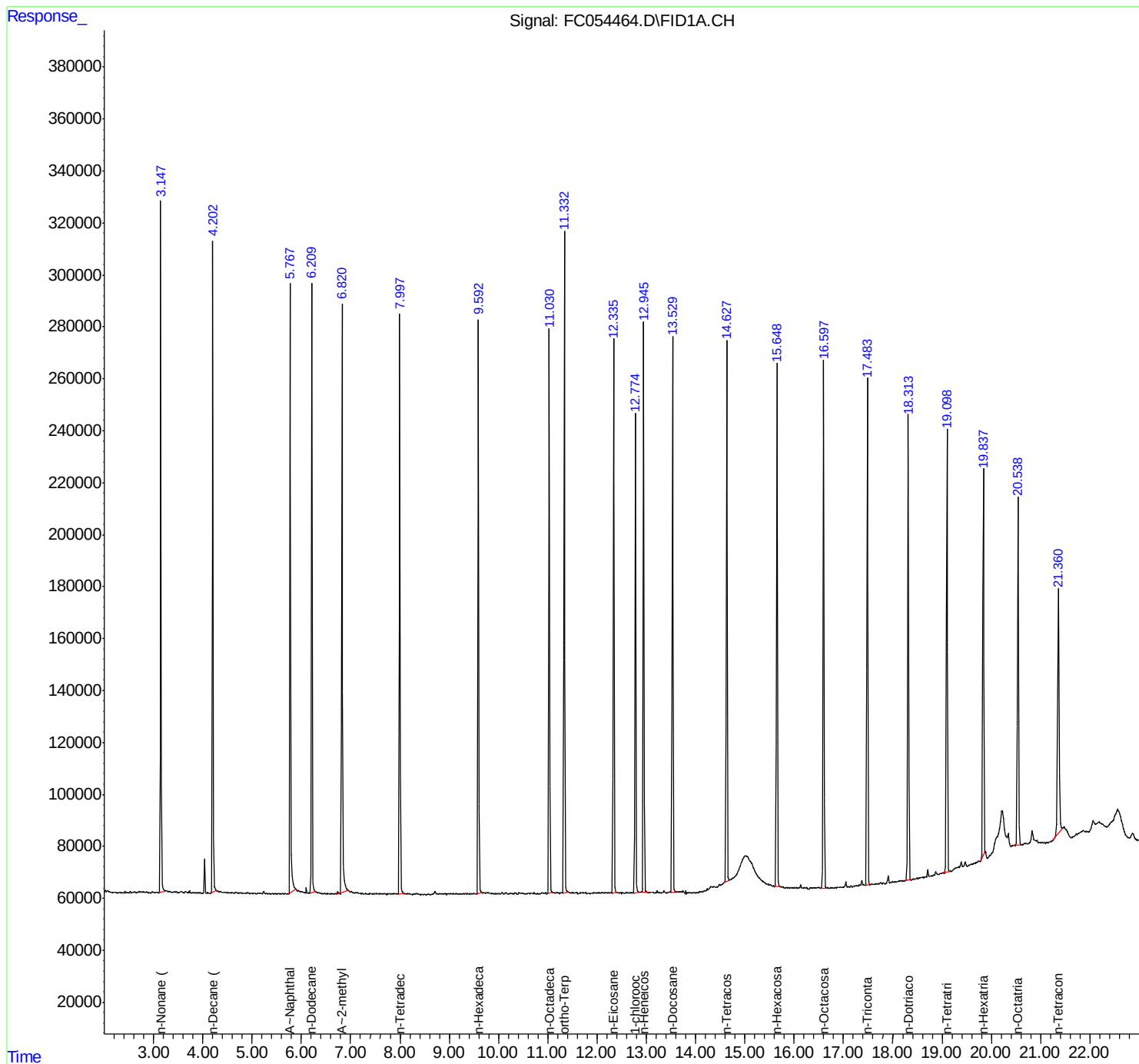
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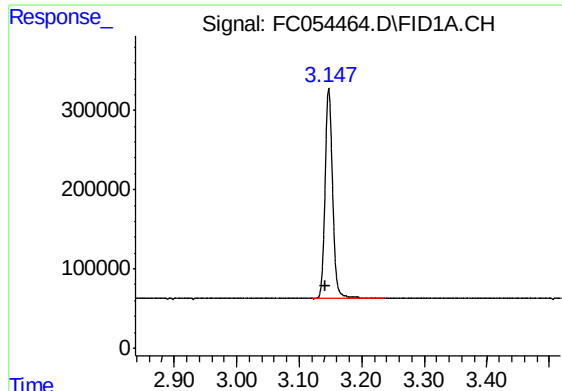
(m)=manual int.

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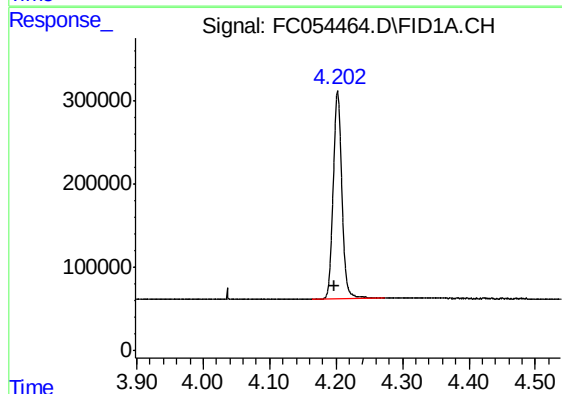
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Signal Info : 20M x 0.18mm x 0.18um





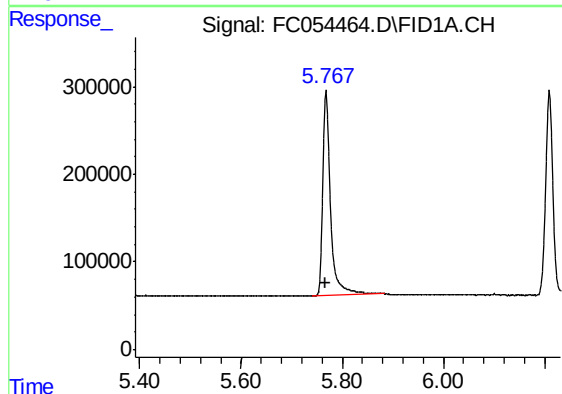
#1 n-Nonane (C9)

R.T.: 3.148 min
Delta R.T.: 0.005 min
Response: 2232517
Conc: 18.98 ug/ml



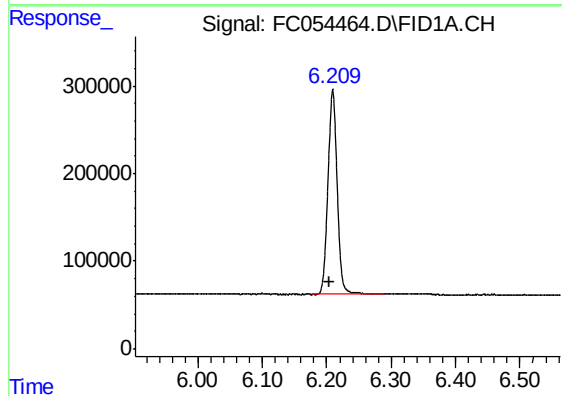
#2 n-Decane (C10)

R.T.: 4.202 min
Delta R.T.: 0.004 min
Response: 2258631
Conc: 19.02 ug/ml



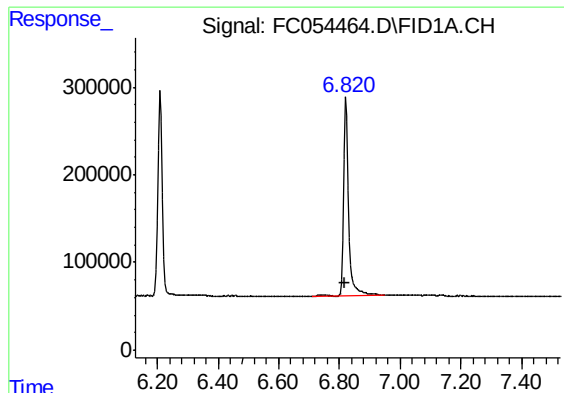
#3 A~Naphthalene (C11.7)

R.T.: 5.768 min
Delta R.T.: 0.001 min
Response: 2483495
Conc: 18.89 ug/ml



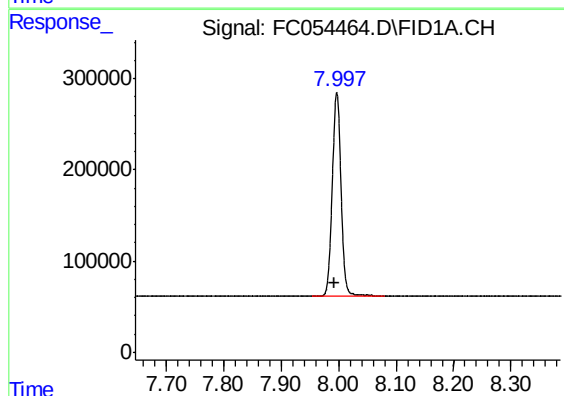
#4 n-Dodecane (C12)

R.T.: 6.209 min
Delta R.T.: 0.005 min
Response: 2305332
Conc: 19.23 ug/ml



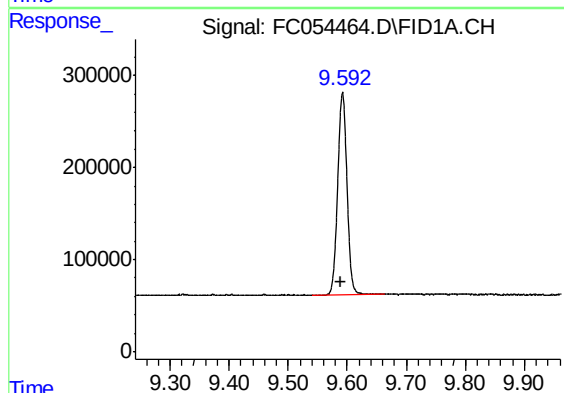
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: 0.002 min
Response: 2522225
Conc: 19.10 ug/ml



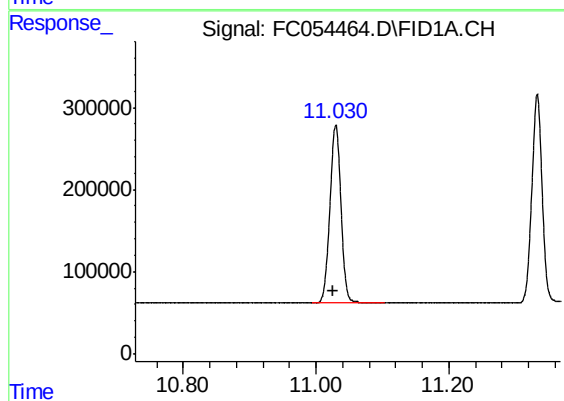
#6 n-Tetradecane (C14)

R.T.: 7.997 min
Delta R.T.: 0.004 min
Response: 2368163
Conc: 19.44 ug/ml



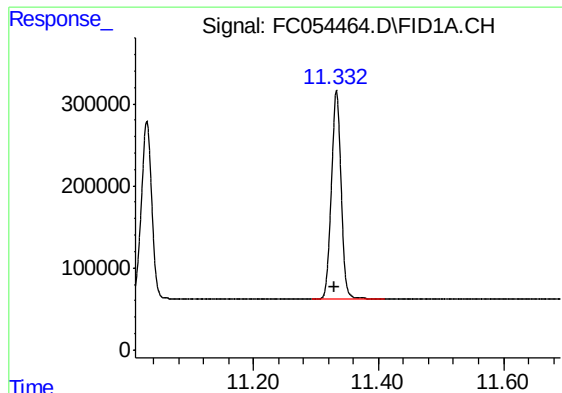
#7 n-Hexadecane (C16)

R.T.: 9.592 min
Delta R.T.: 0.004 min
Response: 2406699
Conc: 19.32 ug/ml



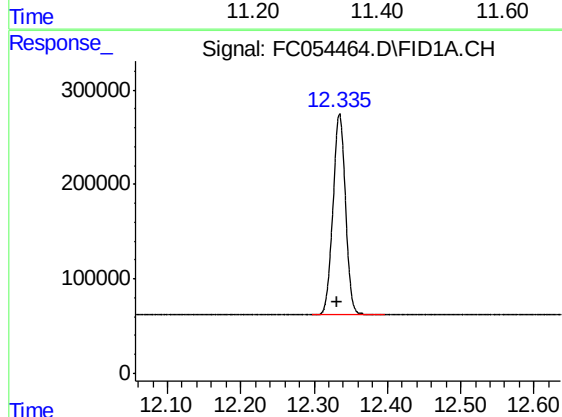
#8 n-Octadecane (C18)

R.T.: 11.030 min
Delta R.T.: 0.004 min
Response: 2503822
Conc: 19.39 ug/ml



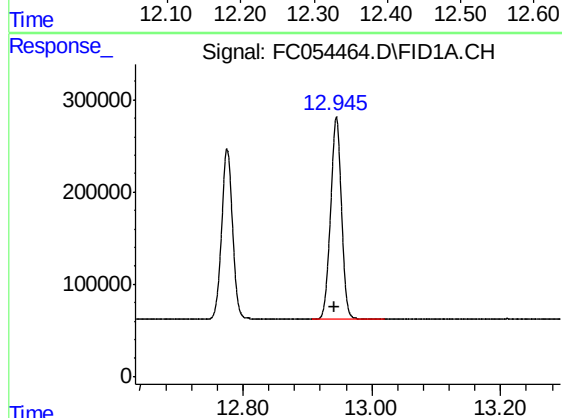
#9 ortho-Terphenyl (SURR)

R.T.: 11.333 min
Delta R.T.: 0.004 min
Response: 2735792
Conc: 19.32 ug/ml



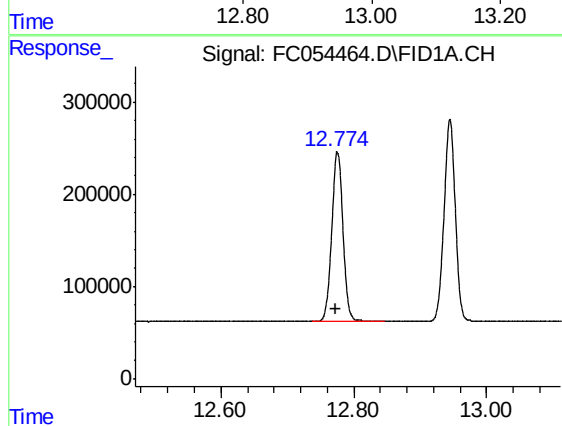
#10 n-Eicosane (C20)

R.T.: 12.335 min
Delta R.T.: 0.003 min
Response: 2520040
Conc: 19.37 ug/ml



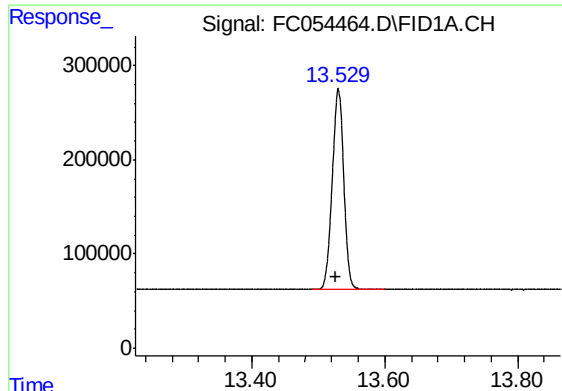
#11 n-Heneicosane (C21)

R.T.: 12.945 min
Delta R.T.: 0.003 min
Response: 2569383
Conc: 19.35 ug/ml



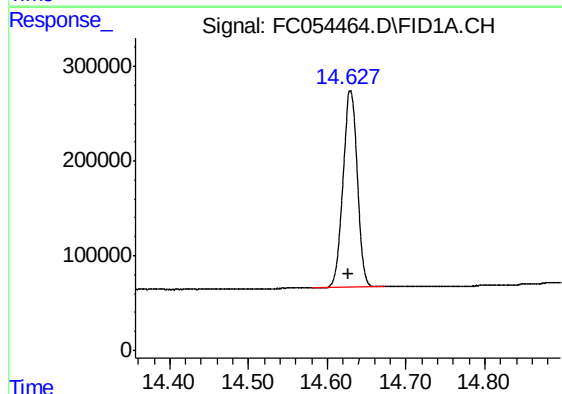
#12 1-chlorooctadecane (SURR)

R.T.: 12.776 min
Delta R.T.: 0.003 min
Response: 2162707
Conc: 19.40 ug/ml



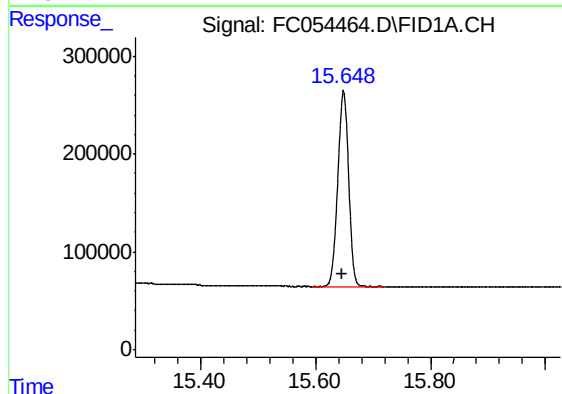
#13 n-Docosane (C22)

R.T.: 13.530 min
Delta R.T.: 0.004 min
Response: 2570437
Conc: 19.40 ug/ml



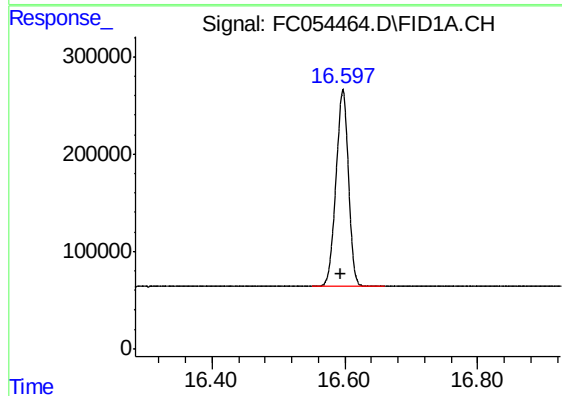
#14 n-Tetracosane (C24)

R.T.: 14.630 min
Delta R.T.: 0.002 min
Response: 2617462
Conc: 19.34 ug/ml



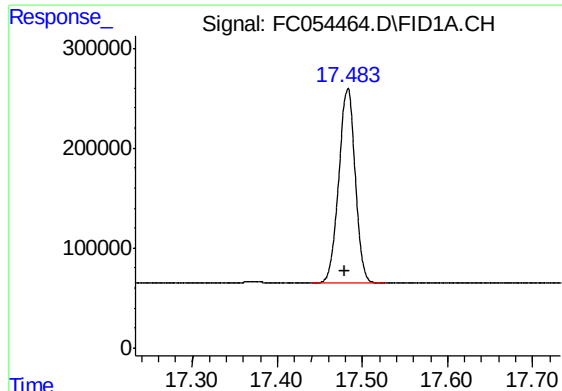
#15 n-Hexacosane (C26)

R.T.: 15.649 min
Delta R.T.: 0.003 min
Response: 2630215
Conc: 19.41 ug/ml



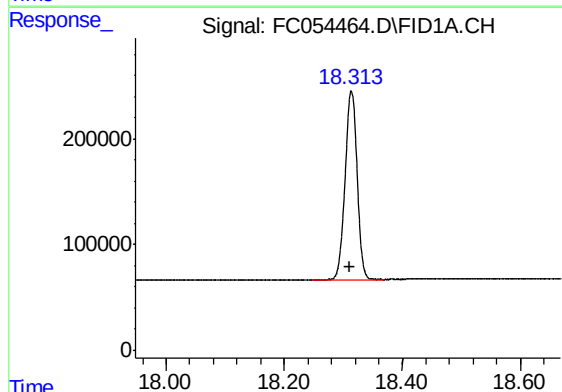
#16 n-Octacosane (C28)

R.T.: 16.597 min
Delta R.T.: 0.003 min
Response: 2647051
Conc: 19.29 ug/ml



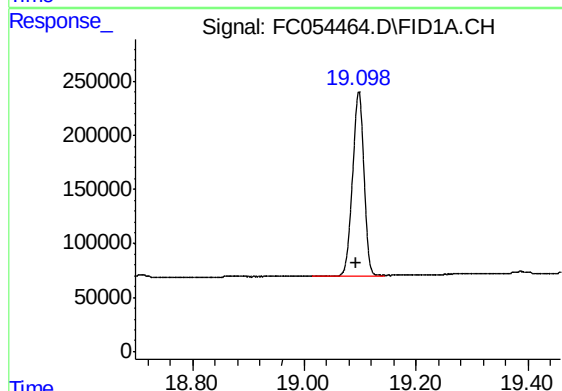
#17 n-Tricontane (C30)

R.T.: 17.482 min
Delta R.T.: 0.003 min
Response: 2614171
Conc: 18.87 ug/ml



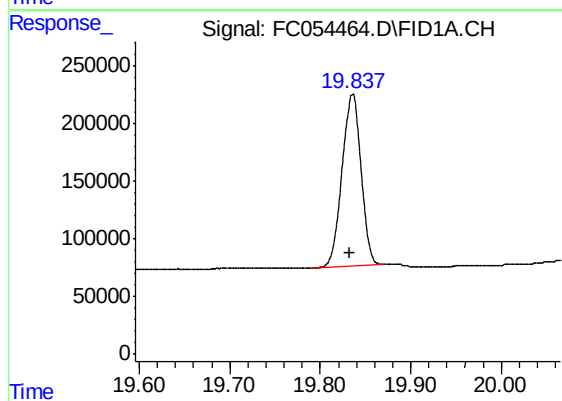
#18 n-Dotriacontane (C32)

R.T.: 18.314 min
Delta R.T.: 0.003 min
Response: 2525071
Conc: 18.46 ug/ml



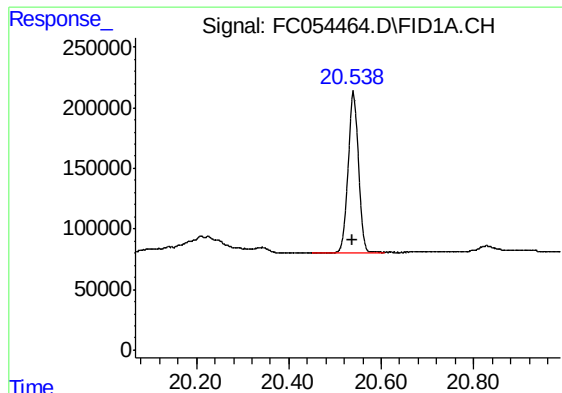
#19 n-Tetratriacontane (C34)

R.T.: 19.097 min
Delta R.T.: 0.004 min
Response: 2399473
Conc: 17.76 ug/ml



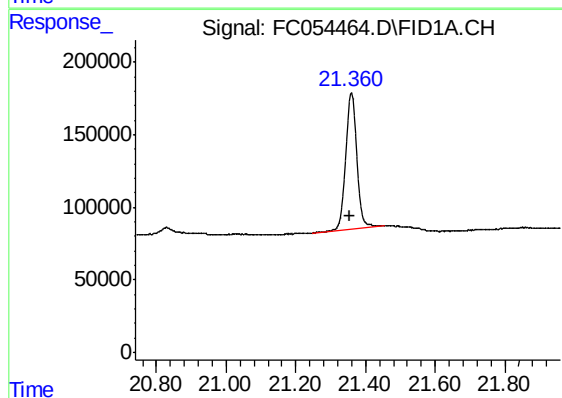
#20 n-Hexatriacontane (C36)

R.T.: 19.836 min
Delta R.T.: 0.003 min
Response: 2168562
Conc: 17.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.540 min
Delta R.T.: 0.003 min
Response: 2047388
Conc: 18.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.360 min
Delta R.T.: 0.004 min
Response: 2071448
Conc: 18.33 ug/ml