

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071620AL\
 Data File : FC048478.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jul 2020 1:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 17 02:04:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 2020
 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)	11.688	2802461	20.419 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
12) S 1-chlorooctadecane (S...	13.121	2234512	19.829 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T n-Nonane (C9)	3.418	2641676	22.161 ug/ml
2) T n-Decane (C10)	4.492	2680186	22.266 ug/ml
3) T A~Naphthalene (C11.7)	6.091	3010884	22.374 ug/ml
4) T n-Dodecane (C12)	6.519	2706860	22.125 ug/ml
5) T A~2-methylnaphthalene...	7.151	3057777	22.185 ug/ml
6) T n-Tetradecane (C14)	8.317	2677957	21.739 ug/ml
7) T n-Hexadecane (C16)	9.921	2619237	21.397 ug/ml
8) T n-Octadecane (C18)	11.365	2691486	21.030 ug/ml
10) T n-Eicosane (C20)	12.675	2632273	20.352 ug/ml
11) T n-Heneicosane (C21)	13.286	2585258	19.944 ug/ml
13) T n-Docosane (C22)	13.873	2537409	19.543 ug/ml
14) T n-Tetracosane (C24)	14.976	2456963	18.743 ug/ml
15) T n-Hexacosane (C26)	15.997	2335685	17.962 ug/ml
16) T n-Octacosane (C28)	16.946	2252941	17.242 ug/ml
17) T n-Tricontane (C30)	17.833	2163114	16.826 ug/mlm
18) T n-Dotriacontane (C32)	18.663	1974359	16.712 ug/ml
19) T n-Tetratriacontane (C34)	19.447	1964883	17.603 ug/mlm
20) T n-Hexatriacontane (C36)	20.183	1977955	18.806 ug/mlm
21) T n-Octatriacontane (C38)	20.946	1807970	18.417 ug/ml
22) T n-Tetracontane (C40)	21.899	1889277	19.442 ug/mlm

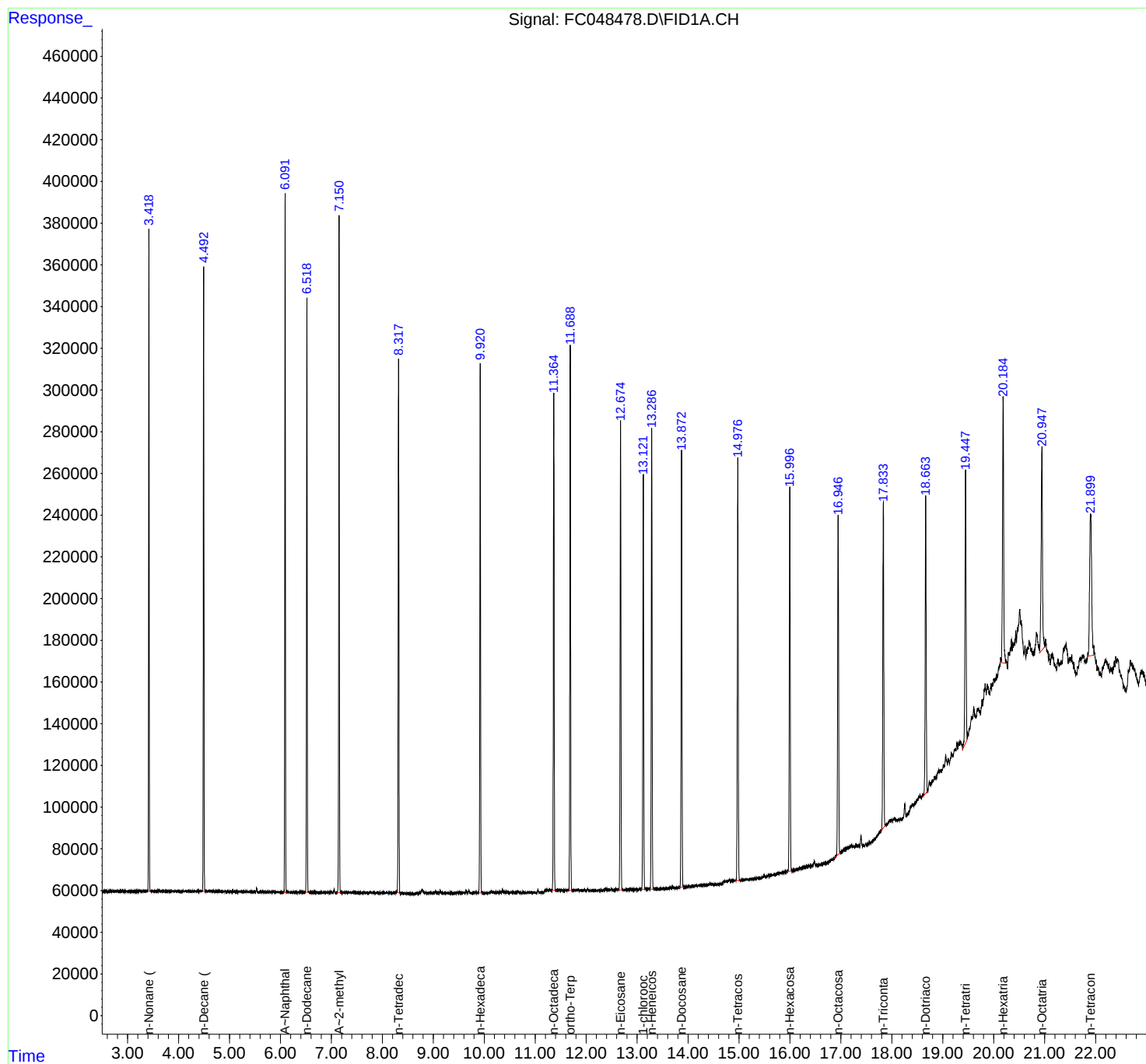
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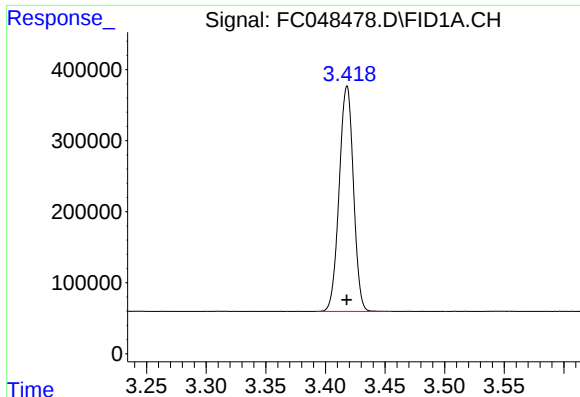
(m)=manual int.

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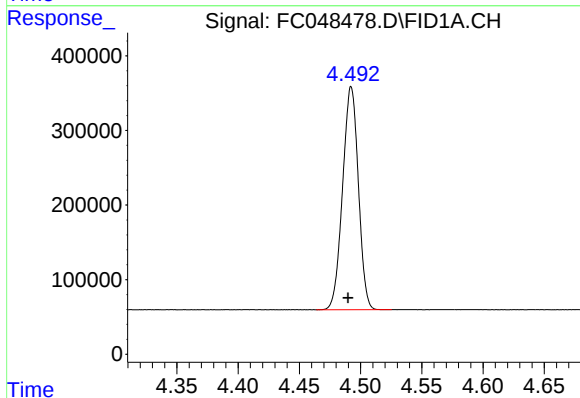
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





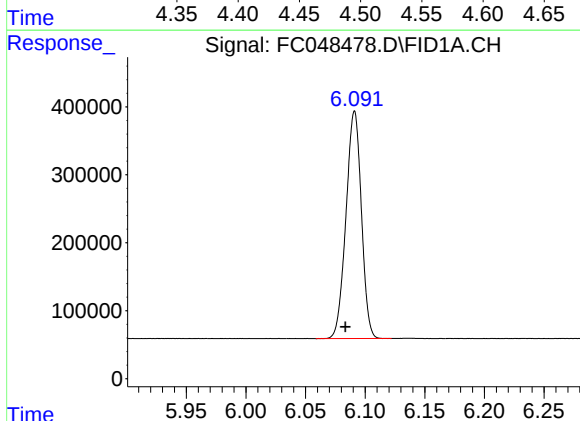
#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 2641676
Conc: 22.16 ug/ml



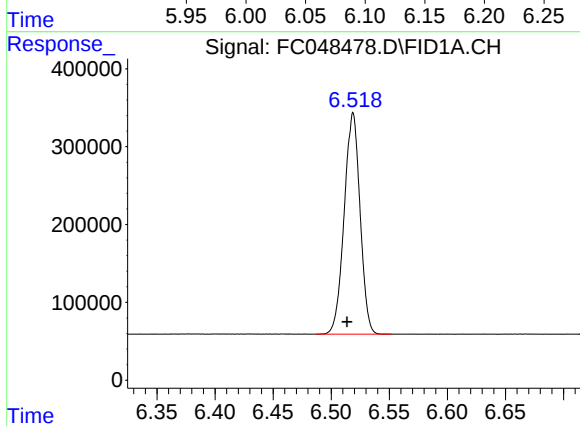
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: 0.003 min
Response: 2680186
Conc: 22.27 ug/ml



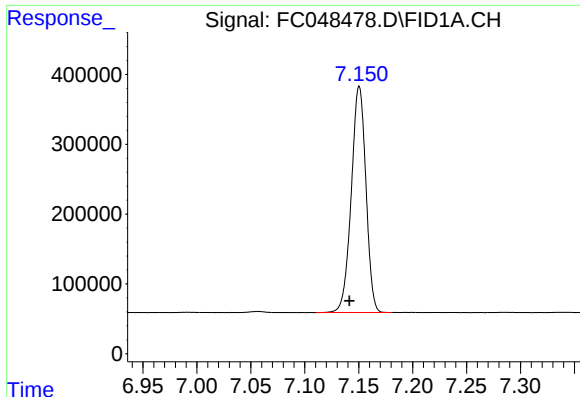
#3 A~Naphthalene (C11.7)

R.T.: 6.091 min
Delta R.T.: 0.008 min
Response: 3010884
Conc: 22.37 ug/ml



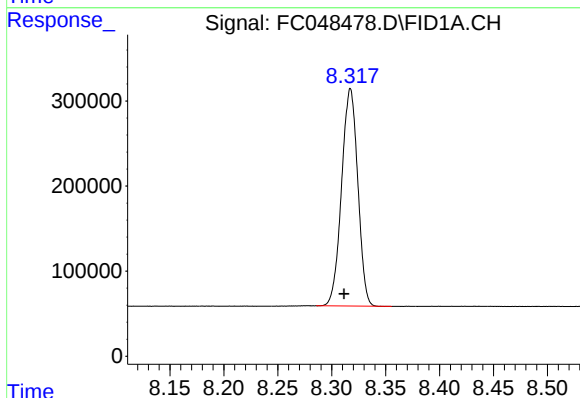
#4 n-Dodecane (C12)

R.T.: 6.519 min
Delta R.T.: 0.005 min
Response: 2706860
Conc: 22.13 ug/ml



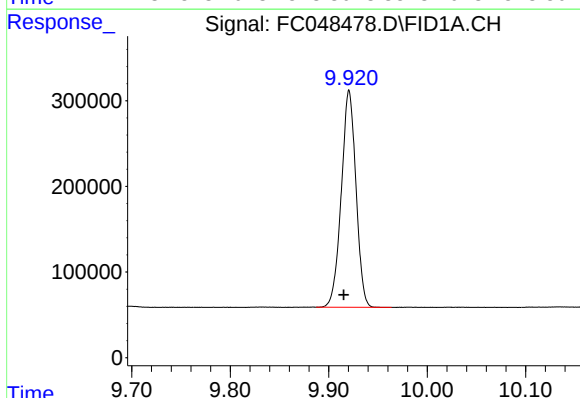
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: 0.009 min
Response: 3057777
Conc: 22.18 ug/ml



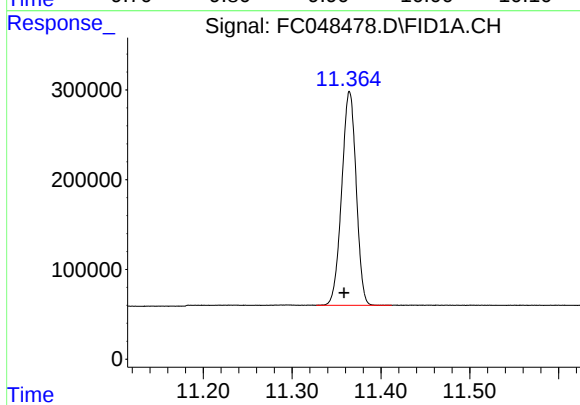
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.006 min
Response: 2677957
Conc: 21.74 ug/ml



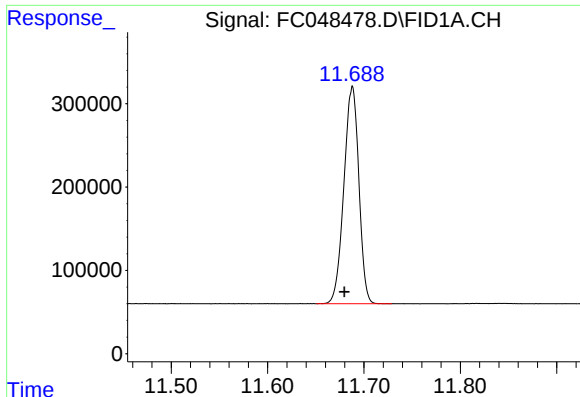
#7 n-Hexadecane (C16)

R.T.: 9.921 min
Delta R.T.: 0.006 min
Response: 2619237
Conc: 21.40 ug/ml



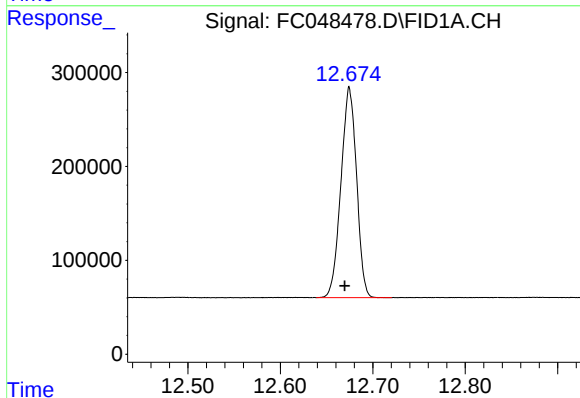
#8 n-Octadecane (C18)

R.T.: 11.365 min
Delta R.T.: 0.006 min
Response: 2691486
Conc: 21.03 ug/ml



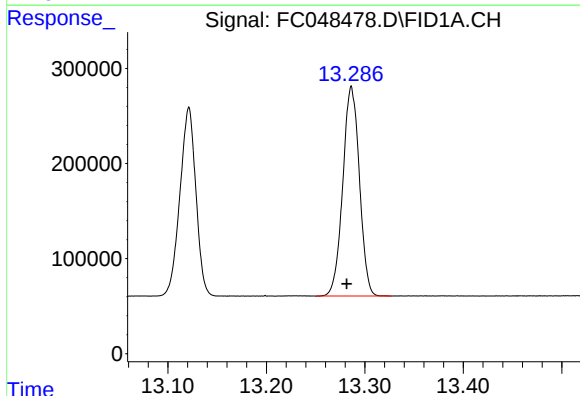
#9 ortho-Terphenyl (SURR)

R.T.: 11.688 min
Delta R.T.: 0.008 min
Response: 2802461
Conc: 20.42 ug/ml



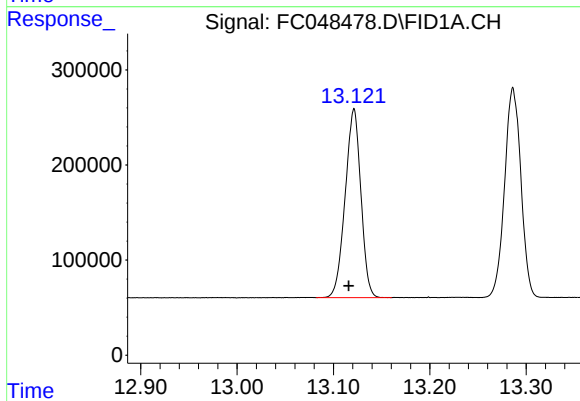
#10 n-Eicosane (C20)

R.T.: 12.675 min
Delta R.T.: 0.005 min
Response: 2632273
Conc: 20.35 ug/ml



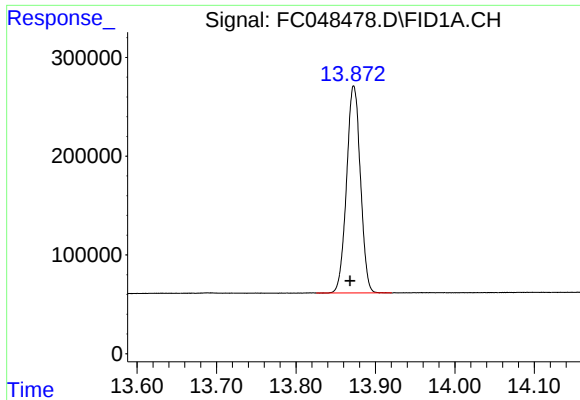
#11 n-Heneicosane (C21)

R.T.: 13.286 min
Delta R.T.: 0.005 min
Response: 2585258
Conc: 19.94 ug/ml



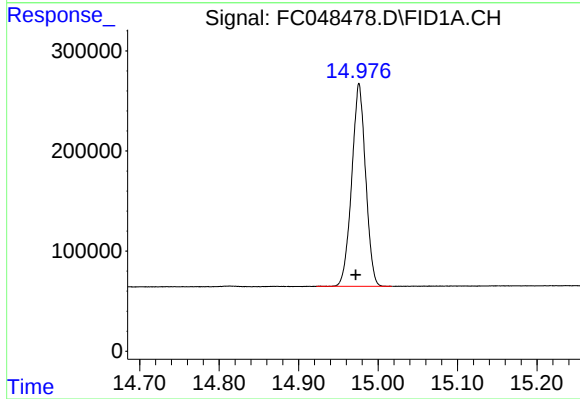
#12 1-chlorooctadecane (SURR)

R.T.: 13.121 min
Delta R.T.: 0.006 min
Response: 2234512
Conc: 19.83 ug/ml



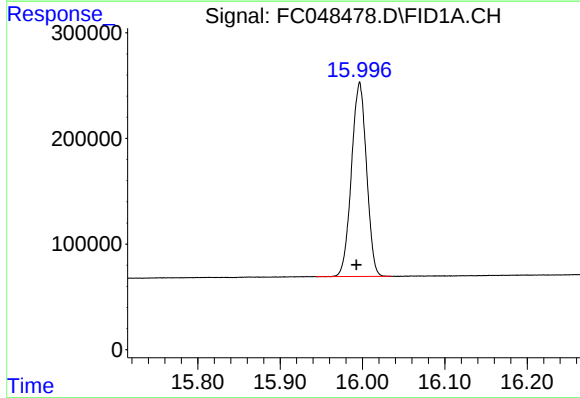
#13 n-Docosane (C22)

R.T.: 13.873 min
Delta R.T.: 0.004 min
Response: 2537409
Conc: 19.54 ug/ml



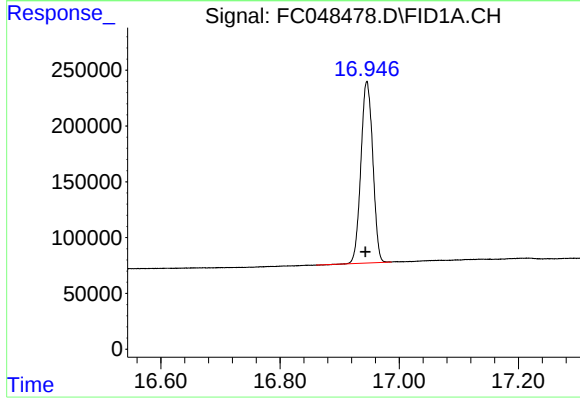
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: 0.004 min
Response: 2456963
Conc: 18.74 ug/ml



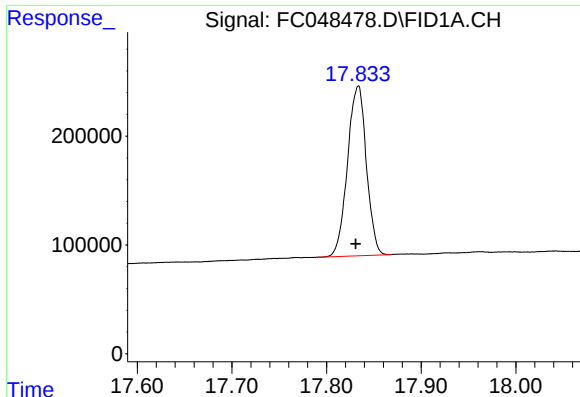
#15 n-Hexacosane (C26)

R.T.: 15.997 min
Delta R.T.: 0.004 min
Response: 2335685
Conc: 17.96 ug/ml



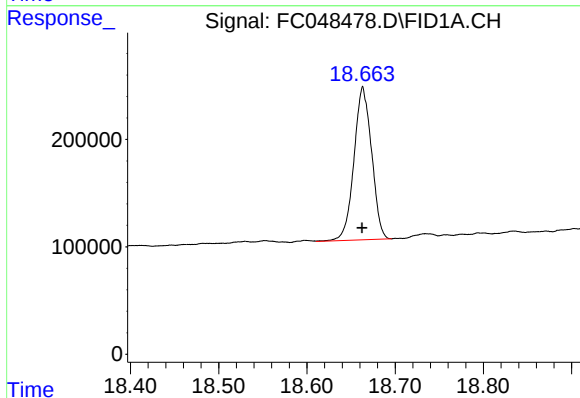
#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: 0.002 min
Response: 2252941
Conc: 17.24 ug/ml



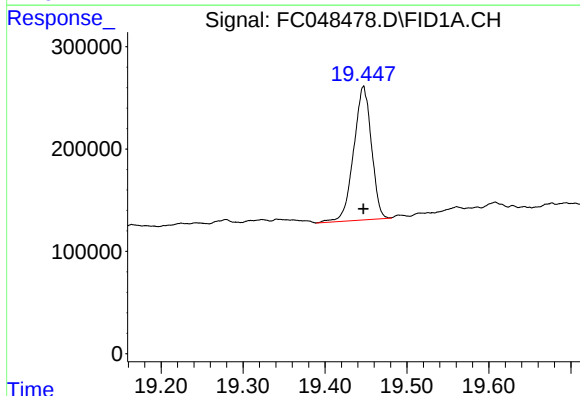
#17 n-Tricontane (C30)

R.T.: 17.833 min
Delta R.T.: 0.003 min
Response: 2163114
Conc: 16.83 ug/ml m



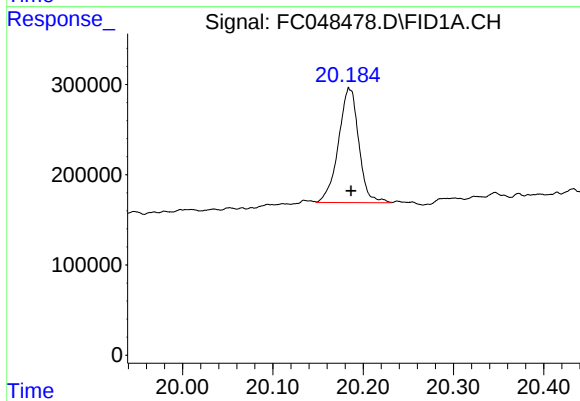
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: 0.000 min
Response: 1974359
Conc: 16.71 ug/ml



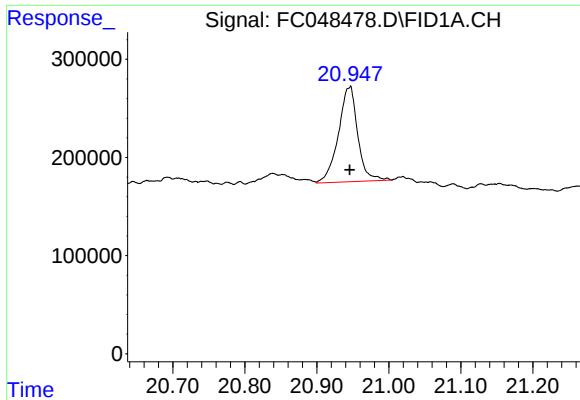
#19 n-Tetratriacontane (C34)

R.T.: 19.447 min
Delta R.T.: 0.000 min
Response: 1964883
Conc: 17.60 ug/ml m



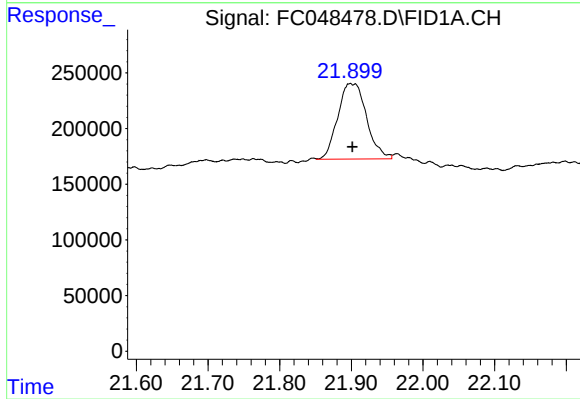
#20 n-Hexatriacontane (C36)

R.T.: 20.183 min
Delta R.T.: -0.003 min
Response: 1977955
Conc: 18.81 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: 0.000 min
Response: 1807970
Conc: 18.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.899 min
Delta R.T.: -0.003 min
Response: 1889277
Conc: 19.44 ug/ml m