

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020122AL\
 Data File : FC058221.D
 Signal(s) : FID1A.CH
 Acq On : 01 Feb 2022 10:44
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 02:44:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.694	3869510	20.011 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	12.131	2927223	19.861 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T n-Nonane (C9)	2.626	3524812	22.042 ug/ml
2) T n-Decane (C10)	3.615	3661703	22.782 ug/ml
3) T A~Naphthalene (C11.7)	5.153	3999194	22.024 ug/ml
4) T n-Dodecane (C12)	5.586	3702523	22.957 ug/ml
5) T A~2-methylnaphthalene...	6.193	3989919	21.819 ug/ml
6) T n-Tetradecane (C14)	7.366	3760023	22.775 ug/ml
7) T n-Hexadecane (C16)	8.957	3735441	22.362 ug/ml
8) T n-Octadecane (C18)	10.391	3707665	21.545 ug/ml
10) T n-Eicosane (C20)	11.693	3500571	20.448 ug/ml
11) T n-Heneicosane (C21)	12.301	3459576	20.006 ug/ml
13) T n-Docosane (C22)	12.885	3373222	19.498 ug/ml
14) T n-Tetracosane (C24)	13.983	3318032	19.167 ug/ml
15) T n-Hexacosane (C26)	14.999	3242975	19.270 ug/ml
16) T n-Octacosane (C28)	15.946	3374229	20.619 ug/ml
17) T n-Tricontane (C30)	16.832	3627632	23.236 ug/ml
18) T n-Dotriacontane (C32)	17.661	3517199	25.227 ug/ml
19) T n-Tetratriacontane (C34)	18.442	3096748	24.916 ug/ml
20) T n-Hexatriacontane (C36)	19.177	2538511	22.833 ug/mlm
21) T n-Octatriacontane (C38)	19.882	2221723	21.298 ug/mlm
22) T n-Tetracontane (C40)	20.704	1824257	19.052 ug/mlm

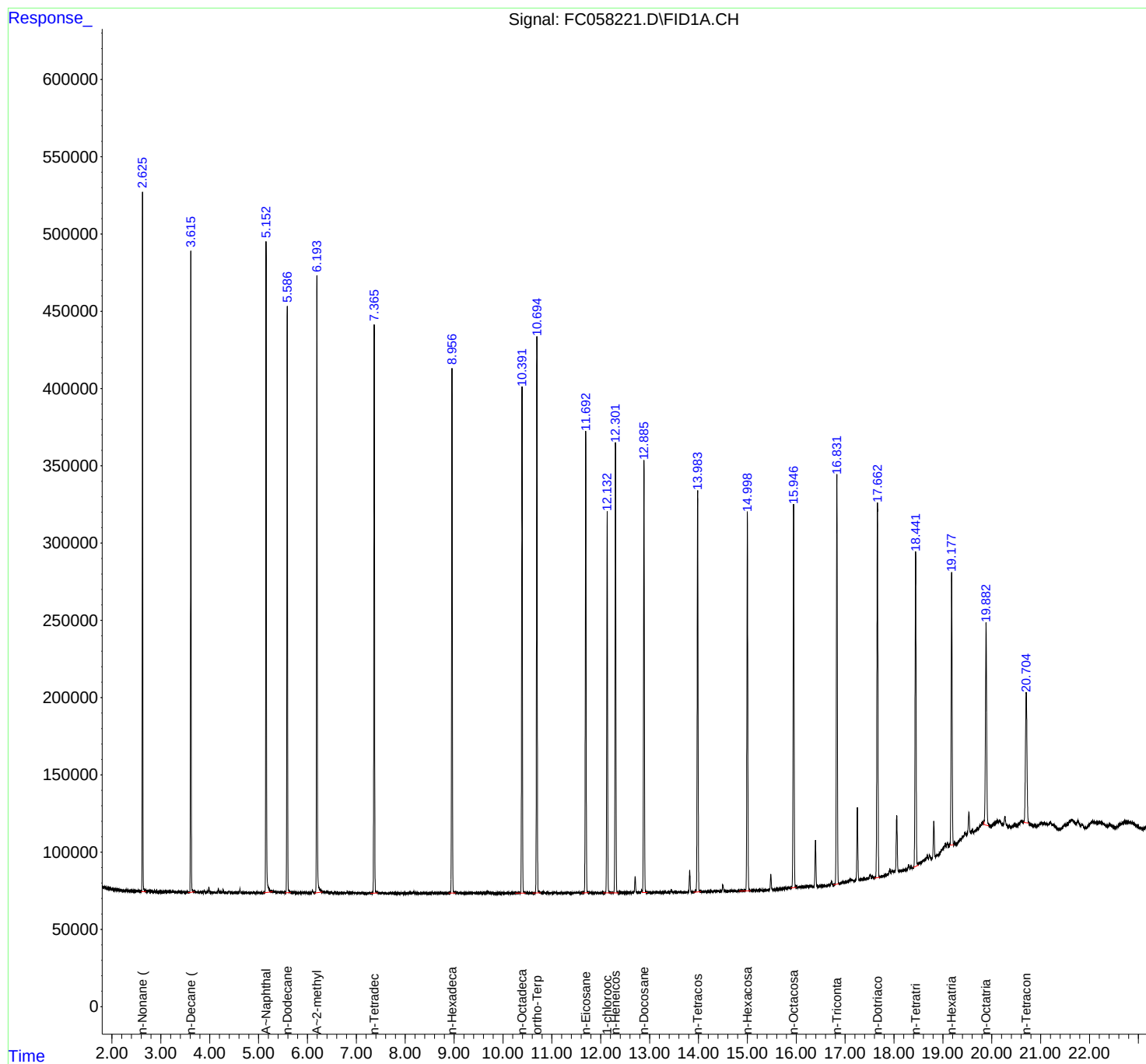
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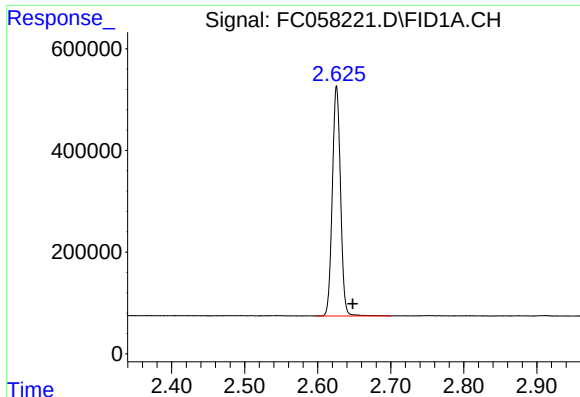
(m)=manual int.

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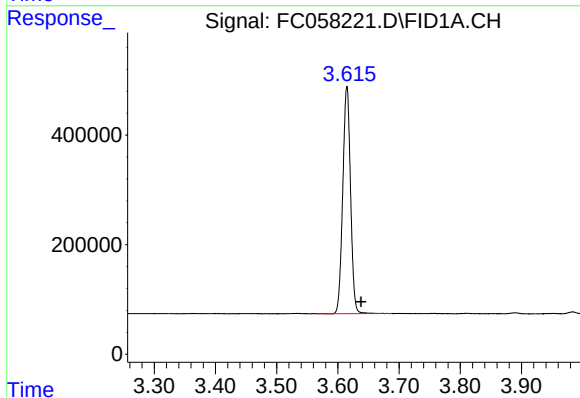
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





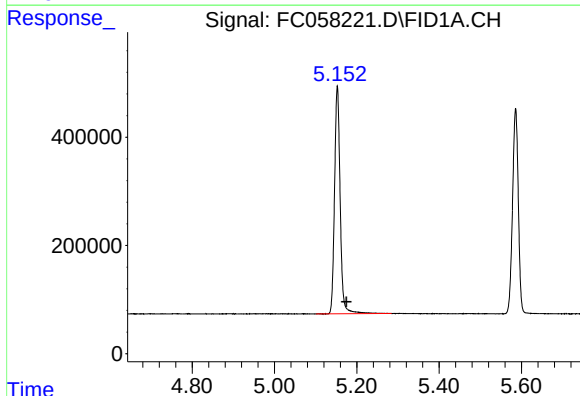
#1 n-Nonane (C9)

R.T.: 2.626 min
Delta R.T.: -0.022 min
Response: 3524812
Conc: 22.04 ug/ml



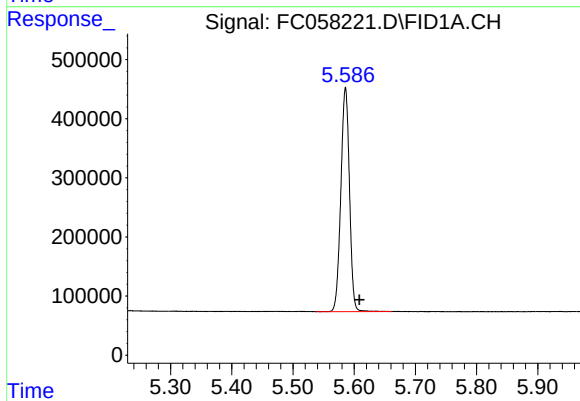
#2 n-Decane (C10)

R.T.: 3.615 min
Delta R.T.: -0.023 min
Response: 3661703
Conc: 22.78 ug/ml



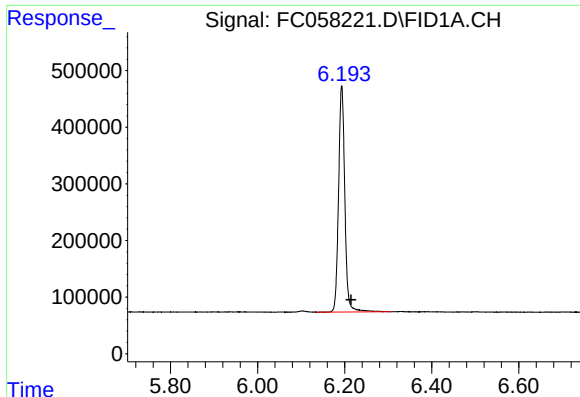
#3 A~Naphthalene (C11.7)

R.T.: 5.153 min
Delta R.T.: -0.022 min
Response: 3999194
Conc: 22.02 ug/ml



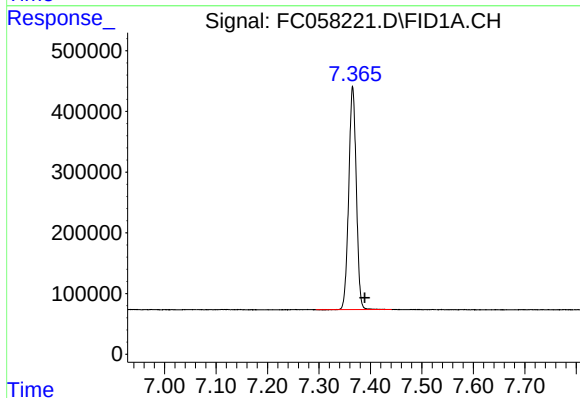
#4 n-Dodecane (C12)

R.T.: 5.586 min
Delta R.T.: -0.023 min
Response: 3702523
Conc: 22.96 ug/ml



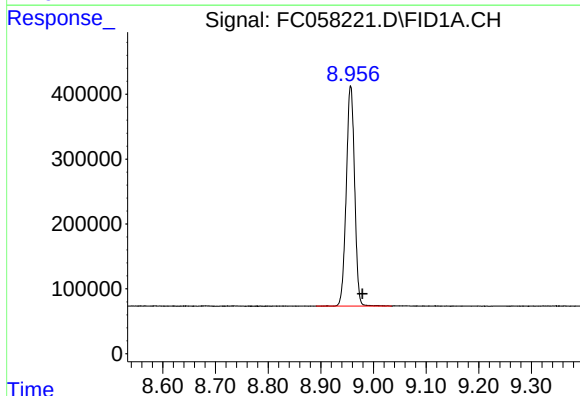
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.193 min
Delta R.T.: -0.021 min
Response: 3989919
Conc: 21.82 ug/ml



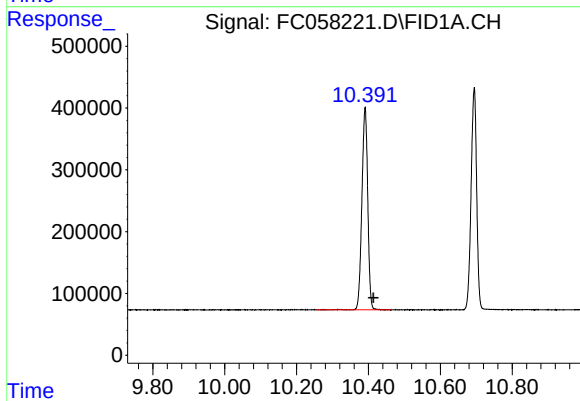
#6 n-Tetradecane (C14)

R.T.: 7.366 min
Delta R.T.: -0.023 min
Response: 3760023
Conc: 22.78 ug/ml



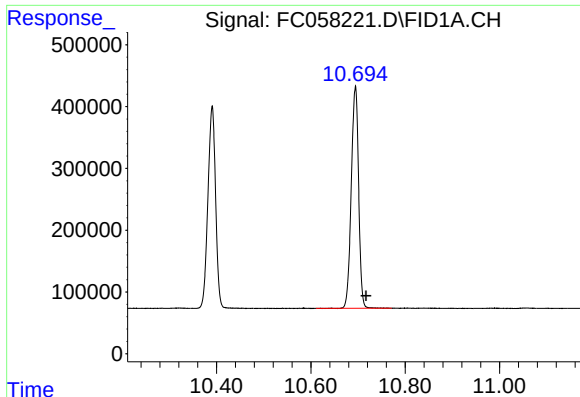
#7 n-Hexadecane (C16)

R.T.: 8.957 min
Delta R.T.: -0.022 min
Response: 3735441
Conc: 22.36 ug/ml



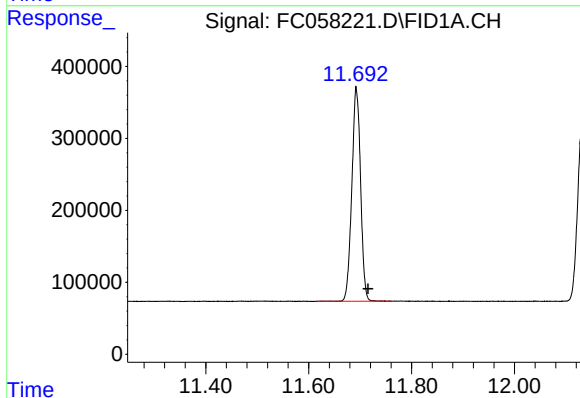
#8 n-Octadecane (C18)

R.T.: 10.391 min
Delta R.T.: -0.023 min
Response: 3707665
Conc: 21.55 ug/ml



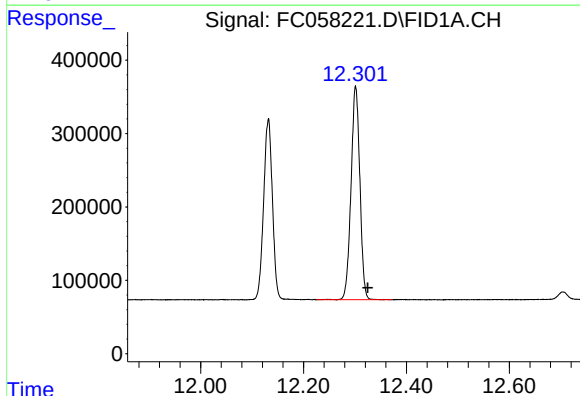
#9 ortho-Terphenyl (SURR)

R.T.: 10.694 min
Delta R.T.: -0.023 min
Response: 3869510
Conc: 20.01 ug/ml



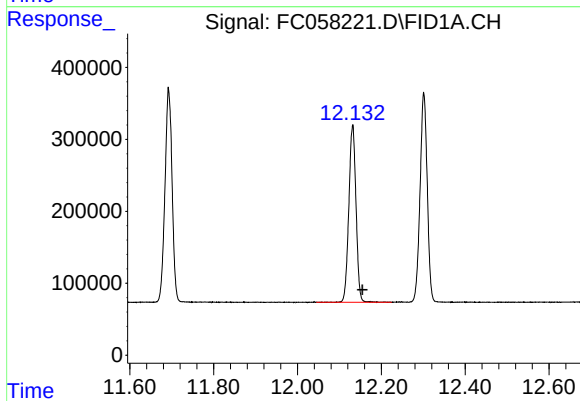
#10 n-Eicosane (C20)

R.T.: 11.693 min
Delta R.T.: -0.023 min
Response: 3500571
Conc: 20.45 ug/ml



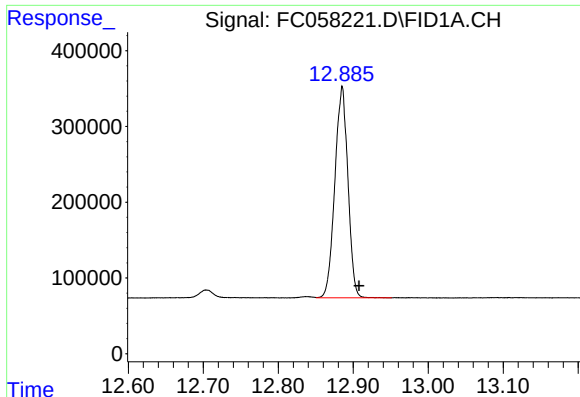
#11 n-Heneicosane (C21)

R.T.: 12.301 min
Delta R.T.: -0.023 min
Response: 3459576
Conc: 20.01 ug/ml



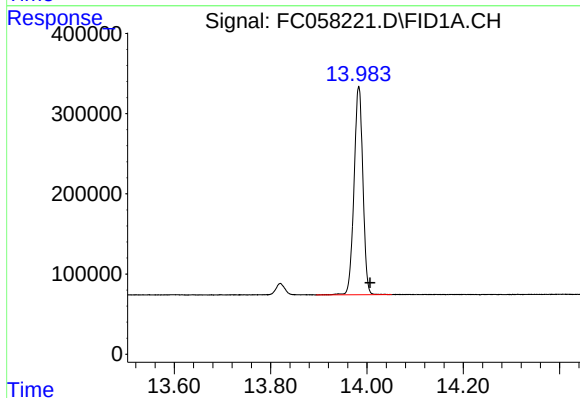
#12 1-chlorooctadecane (SURR)

R.T.: 12.131 min
Delta R.T.: -0.023 min
Response: 2927223
Conc: 19.86 ug/ml



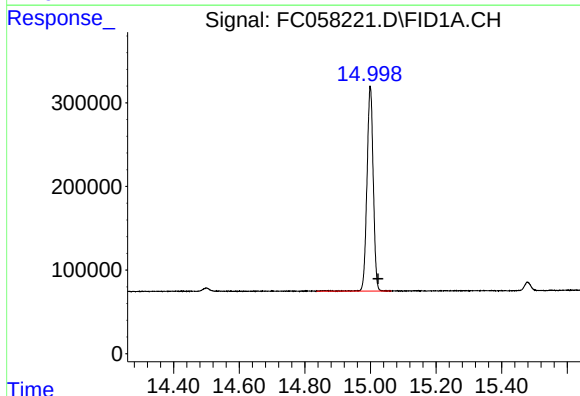
#13 n-Docosane (C22)

R.T.: 12.885 min
Delta R.T.: -0.023 min
Response: 3373222
Conc: 19.50 ug/ml



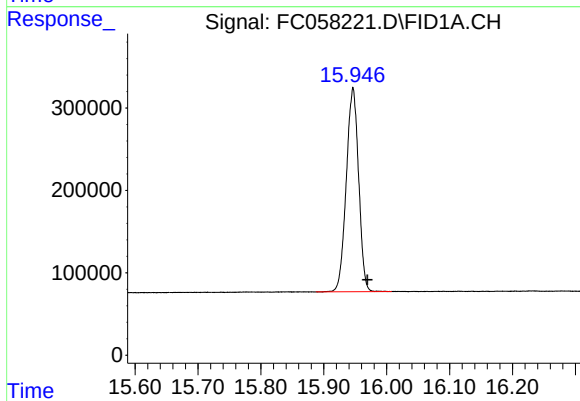
#14 n-Tetracosane (C24)

R.T.: 13.983 min
Delta R.T.: -0.023 min
Response: 3318032
Conc: 19.17 ug/ml



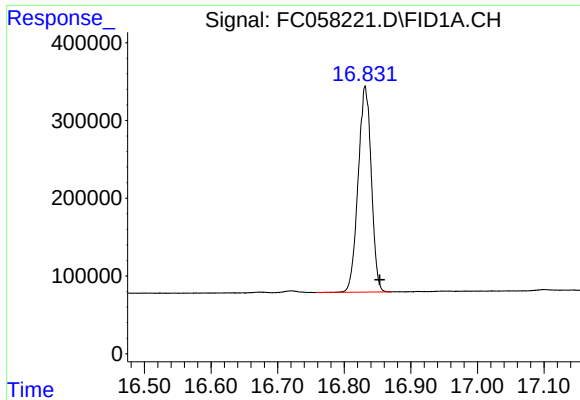
#15 n-Hexacosane (C26)

R.T.: 14.999 min
Delta R.T.: -0.024 min
Response: 3242975
Conc: 19.27 ug/ml



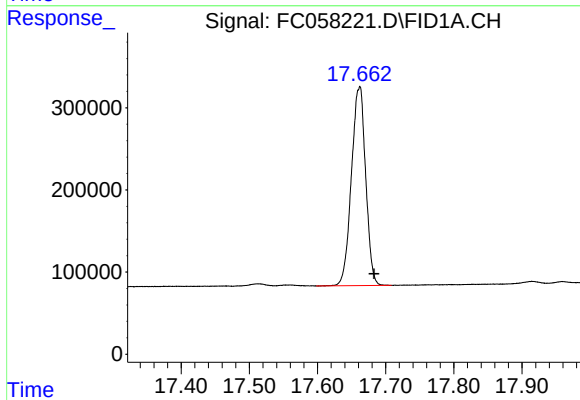
#16 n-Octacosane (C28)

R.T.: 15.946 min
Delta R.T.: -0.023 min
Response: 3374229
Conc: 20.62 ug/ml



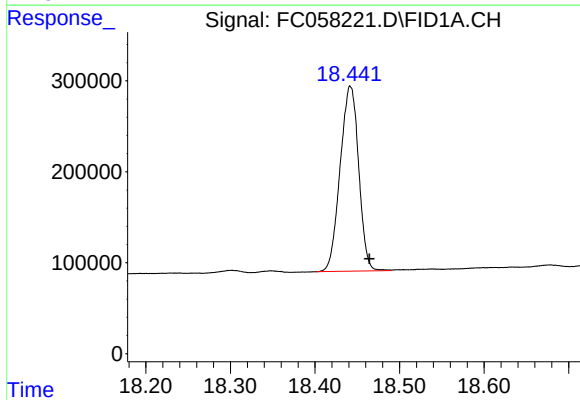
#17 n-Tricontane (C30)

R.T.: 16.832 min
Delta R.T.: -0.022 min
Response: 3627632
Conc: 23.24 ug/ml



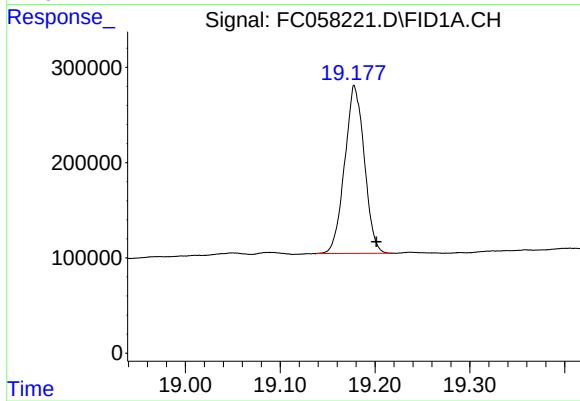
#18 n-Dotriacontane (C32)

R.T.: 17.661 min
Delta R.T.: -0.022 min
Response: 3517199
Conc: 25.23 ug/ml



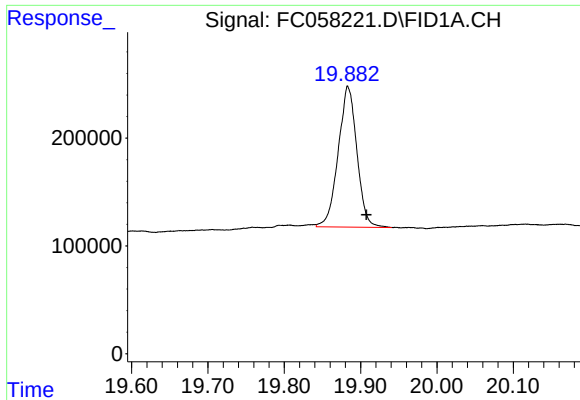
#19 n-Tetratriacontane (C34)

R.T.: 18.442 min
Delta R.T.: -0.022 min
Response: 3096748
Conc: 24.92 ug/ml



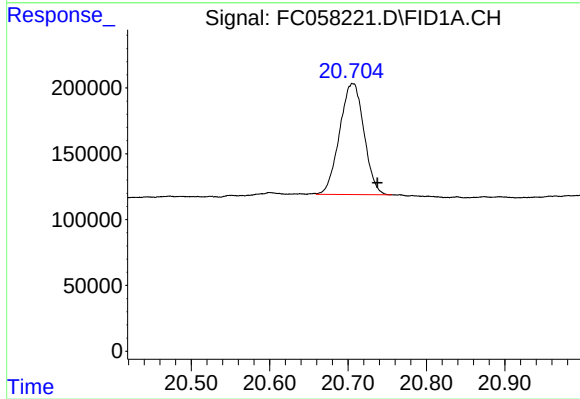
#20 n-Hexatriacontane (C36)

R.T.: 19.177 min
Delta R.T.: -0.024 min
Response: 2538511
Conc: 22.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.882 min
Delta R.T.: -0.025 min
Response: 2221723
Conc: 21.30 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.704 min
Delta R.T.: -0.033 min
Response: 1824257
Conc: 19.05 ug/ml m