

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122221AL\
 Data File : FC057678.D
 Signal(s) : FID1A.CH
 Acq On : 23 Dec 2021 17:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 27 08:51:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 02:07:36 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)	10.786	2906979	19.055 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
12) S 1-chlorooctadecane (S...	12.226	2288828	18.864 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
Target Compounds			
1) T n-Nonane (C9)	2.665	2636522	19.811 ug/ml
2) T n-Decane (C10)	3.666	2657210	19.642 ug/ml
3) T A~Naphthalene (C11.7)	5.216	2935657	19.396 ug/ml
4) T n-Dodecane (C12)	5.650	2689442	19.772 ug/ml
5) T A~2-methylnaphthalene...	6.263	2975396	19.517 ug/ml
6) T n-Tetradecane (C14)	7.438	2681702	19.496 ug/ml
7) T n-Hexadecane (C16)	9.037	2744545	19.753 ug/ml
8) T n-Octadecane (C18)	10.477	2809956	19.581 ug/ml
10) T n-Eicosane (C20)	11.785	2824987	19.768 ug/ml
11) T n-Heneicosane (C21)	12.395	2860119	19.749 ug/ml
13) T n-Docosane (C22)	12.981	2839921	19.786 ug/ml
14) T n-Tetracosane (C24)	14.083	2779996	19.339 ug/ml
15) T n-Hexacosane (C26)	15.102	2676354	19.225 ug/ml
16) T n-Octacosane (C28)	16.051	2428855	17.838 ug/ml
17) T n-Tricontane (C30)	16.938	2354231	17.648 ug/ml
18) T n-Dotriacontane (C32)	17.770	2210217	16.855 ug/ml
19) T n-Tetratriacontane (C34)	18.555	2075047	16.574 ug/ml
20) T n-Hexatriacontane (C36)	19.294	1865698	15.933 ug/ml
21) T n-Octatriacontane (C38)	20.013	1366313	12.266 ug/ml
22) T n-Tetracontane (C40)	20.879	574087	5.195 ug/ml

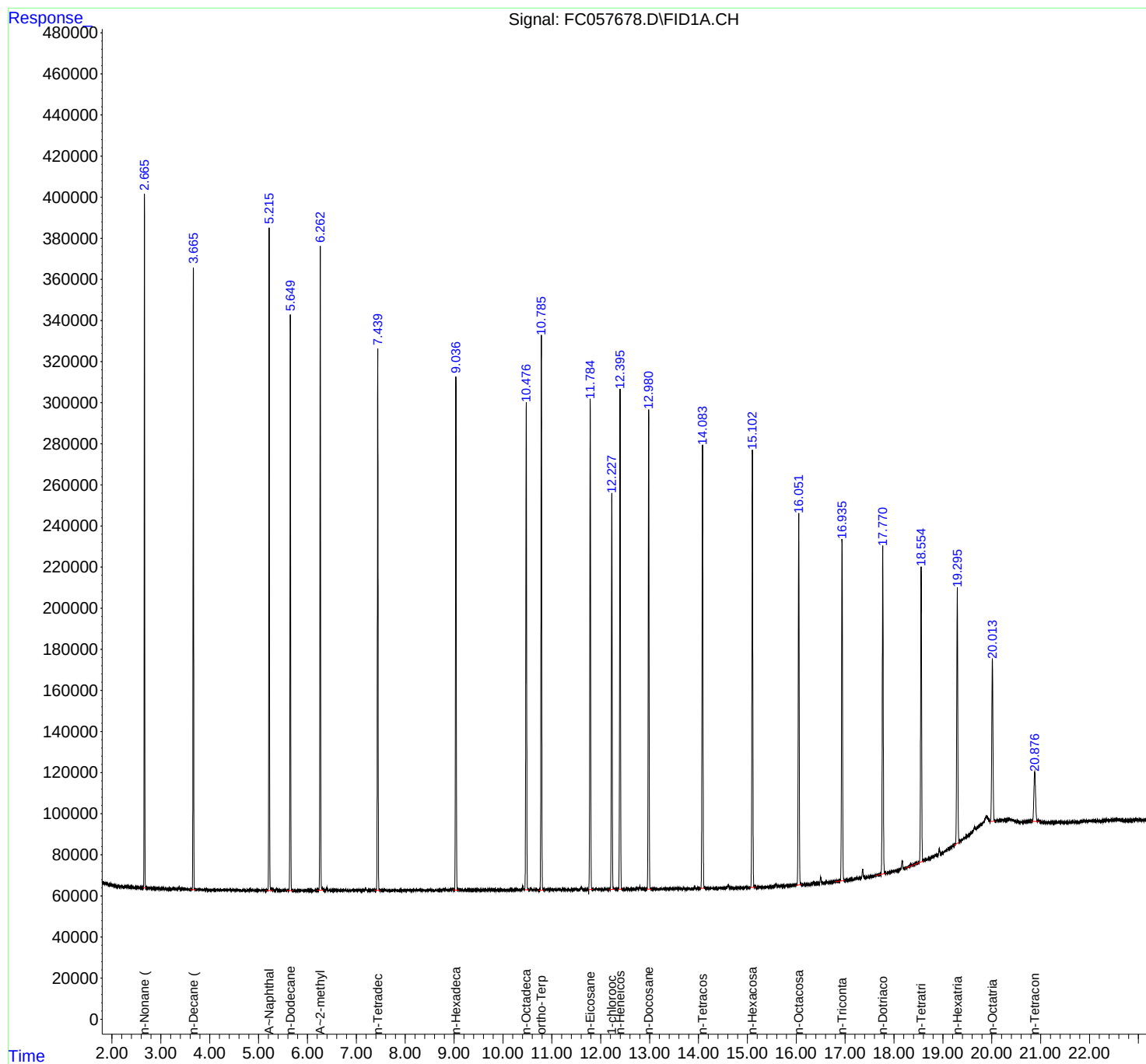
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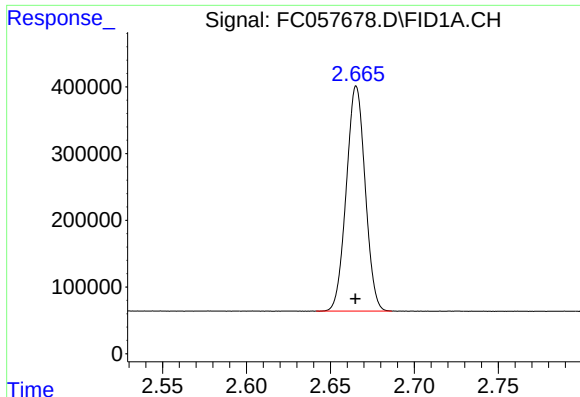
(m)=manual int.

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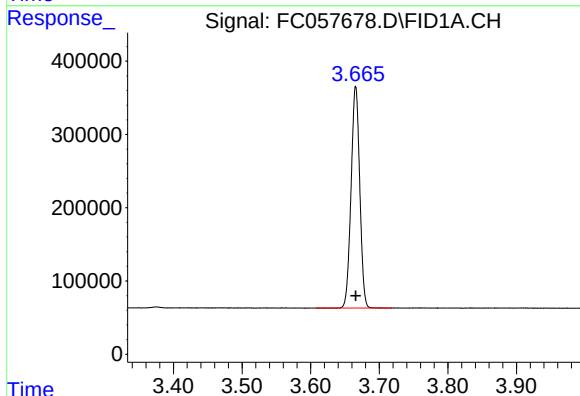
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Signal Info : 20M x 0.18mm x 0.18um





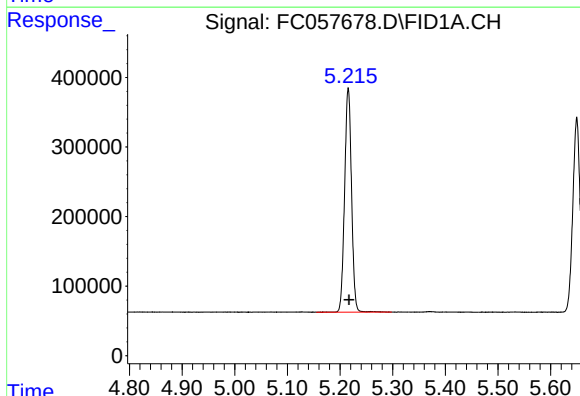
#1 n-Nonane (C9)

R.T.: 2.665 min
Delta R.T.: 0.000 min
Response: 2636522
Conc: 19.81 ug/ml



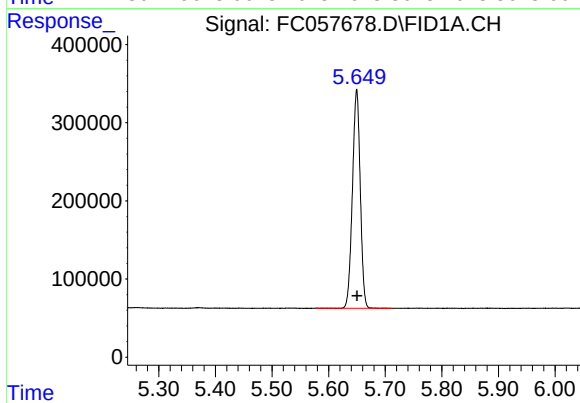
#2 n-Decane (C10)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 2657210
Conc: 19.64 ug/ml



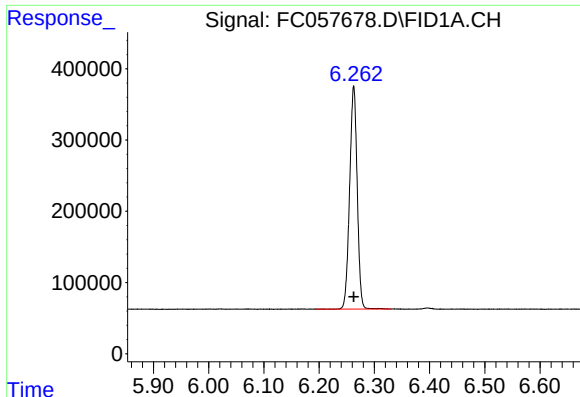
#3 A~Naphthalene (C11.7)

R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 2935657
Conc: 19.40 ug/ml



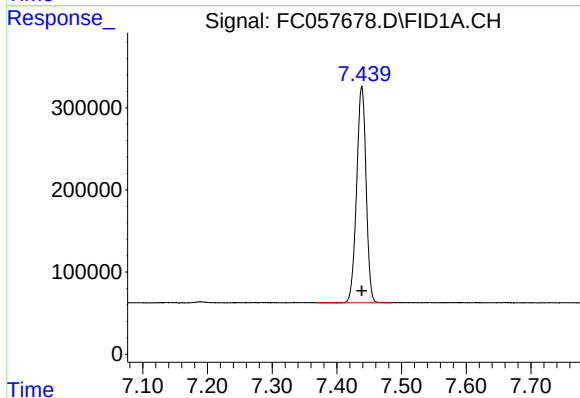
#4 n-Dodecane (C12)

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 2689442
Conc: 19.77 ug/ml



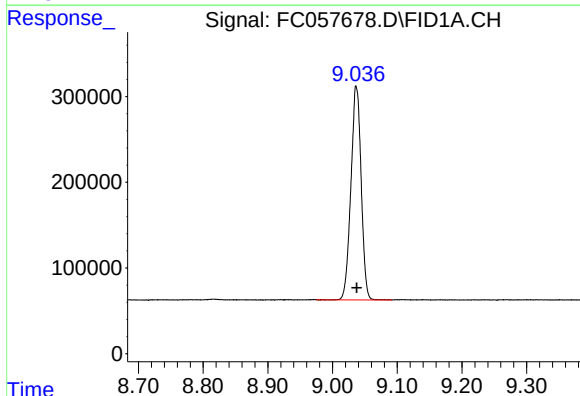
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 2975396
Conc: 19.52 ug/ml



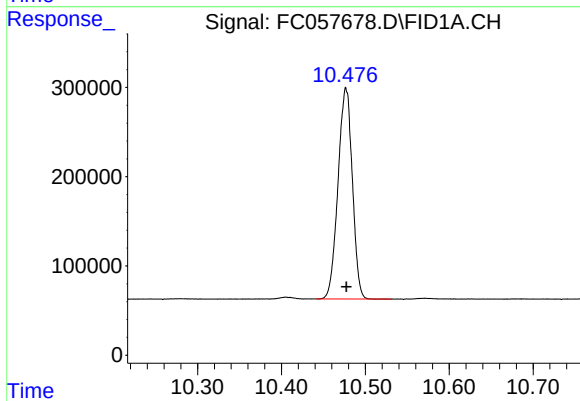
#6 n-Tetradecane (C14)

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 2681702
Conc: 19.50 ug/ml



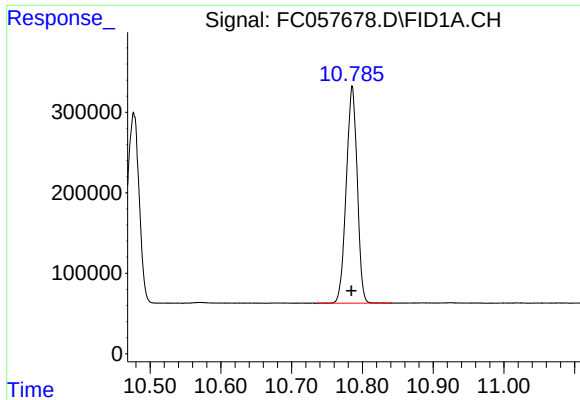
#7 n-Hexadecane (C16)

R.T.: 9.037 min
Delta R.T.: 0.000 min
Response: 2744545
Conc: 19.75 ug/ml



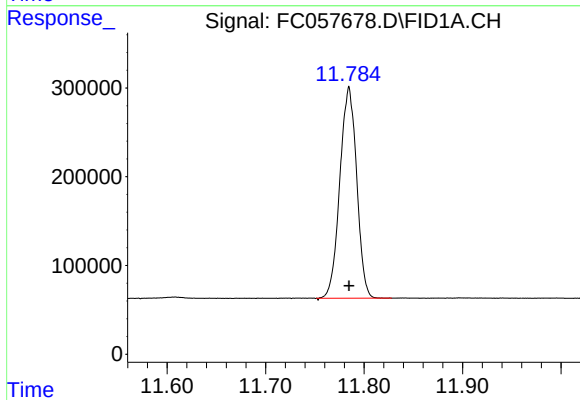
#8 n-Octadecane (C18)

R.T.: 10.477 min
Delta R.T.: 0.000 min
Response: 2809956
Conc: 19.58 ug/ml



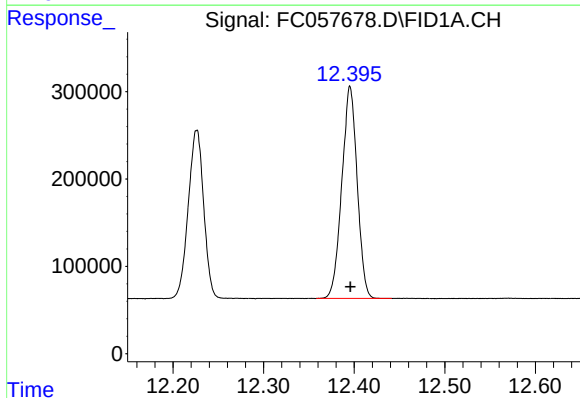
#9 ortho-Terphenyl (SURR)

R.T.: 10.786 min
Delta R.T.: 0.000 min
Response: 2906979
Conc: 19.06 ug/ml



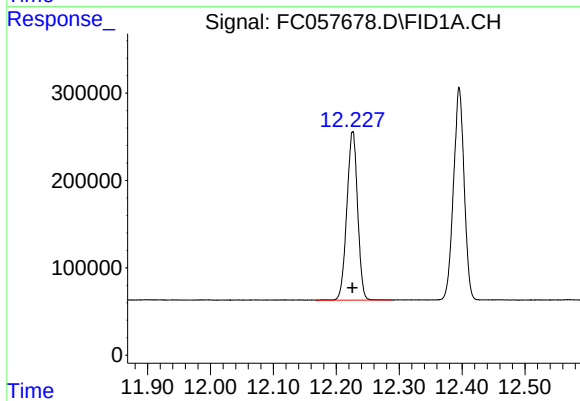
#10 n-Eicosane (C20)

R.T.: 11.785 min
Delta R.T.: 0.000 min
Response: 2824987
Conc: 19.77 ug/ml



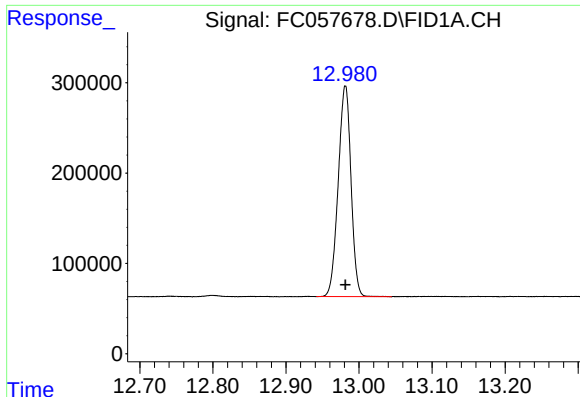
#11 n-Heneicosane (C21)

R.T.: 12.395 min
Delta R.T.: 0.000 min
Response: 2860119
Conc: 19.75 ug/ml



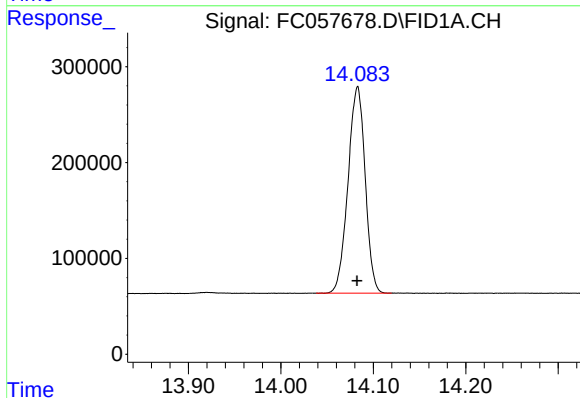
#12 1-chlorooctadecane (SURR)

R.T.: 12.226 min
Delta R.T.: 0.000 min
Response: 2288828
Conc: 18.86 ug/ml



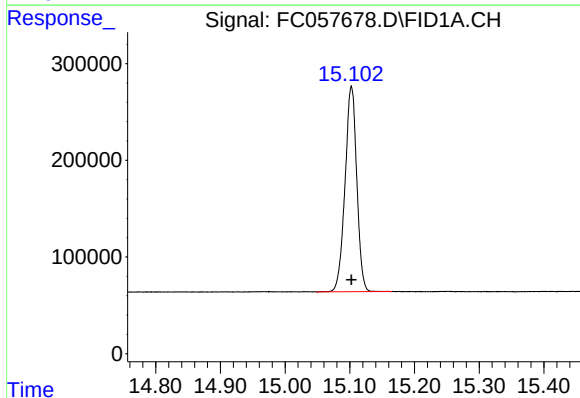
#13 n-Docosane (C22)

R.T.: 12.981 min
Delta R.T.: 0.000 min
Response: 2839921
Conc: 19.79 ug/ml



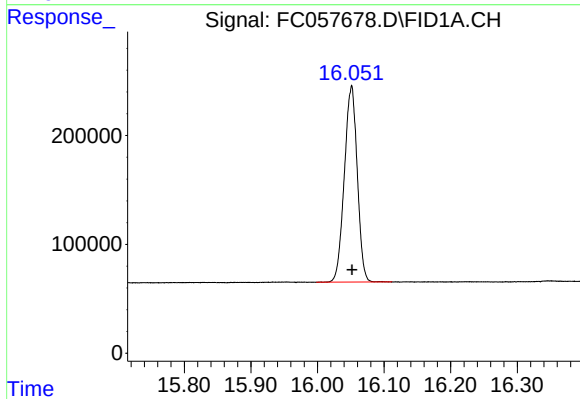
#14 n-Tetracosane (C24)

R.T.: 14.083 min
Delta R.T.: 0.000 min
Response: 2779996
Conc: 19.34 ug/ml



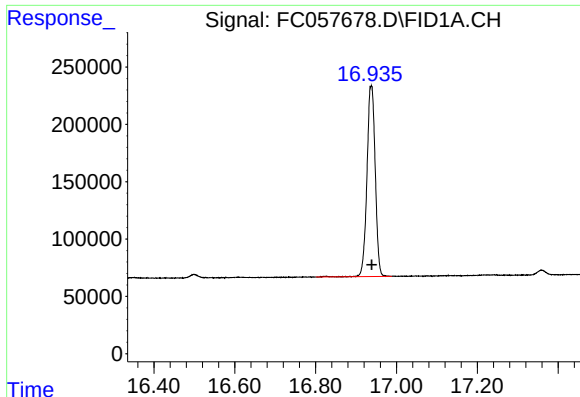
#15 n-Hexacosane (C26)

R.T.: 15.102 min
Delta R.T.: 0.000 min
Response: 2676354
Conc: 19.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.051 min
Delta R.T.: -0.001 min
Response: 2428855
Conc: 17.84 ug/ml



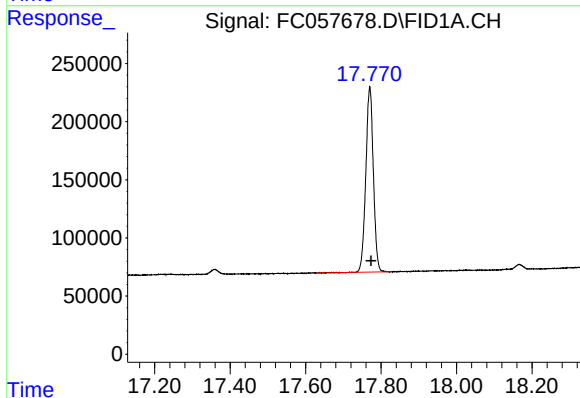
#17 n-Tricontane (C30)

R.T.: 16.938 min

Delta R.T.: -0.001 min

Response: 2354231

Conc: 17.65 ug/ml



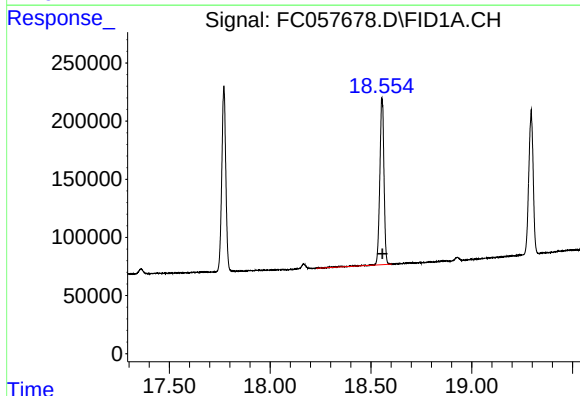
#18 n-Dotriacontane (C32)

R.T.: 17.770 min

Delta R.T.: -0.003 min

Response: 2210217

Conc: 16.85 ug/ml



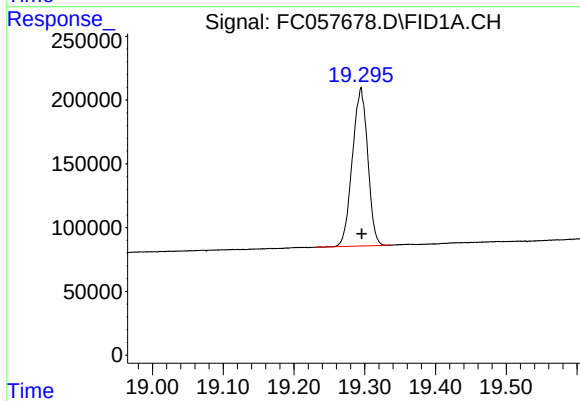
#19 n-Tetratriacontane (C34)

R.T.: 18.555 min

Delta R.T.: -0.002 min

Response: 2075047

Conc: 16.57 ug/ml



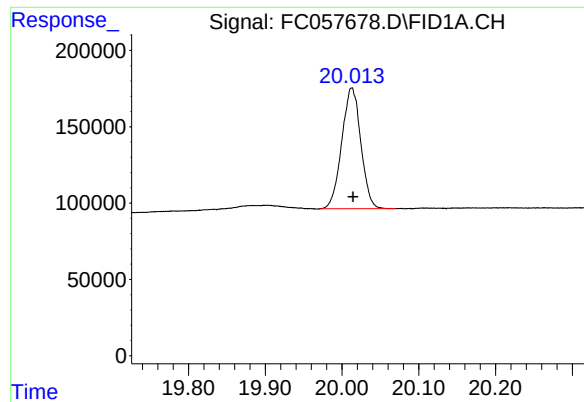
#20 n-Hexatriacontane (C36)

R.T.: 19.294 min

Delta R.T.: -0.001 min

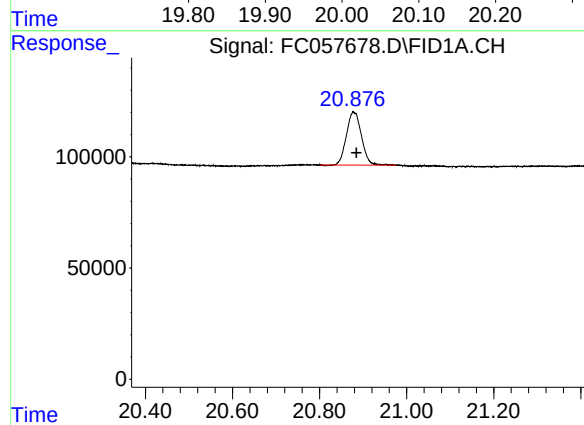
Response: 1865698

Conc: 15.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.013 min
Delta R.T.: -0.002 min
Response: 1366313
Conc: 12.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.879 min
Delta R.T.: -0.006 min
Response: 574087
Conc: 5.20 ug/ml