

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092519AL\
 Data File : FC043634.D
 Signal(s) : FID1A.CH
 Acq On : 26 Sep 2019 8:30
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 09:08:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 05:18:24 2019
 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)	11.591	2912559	19.189 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
12) S 1-chlorooctadecane (S...	13.013	2228672	18.798 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
Target Compounds			
1) T n-Nonane (C9)	3.436	2483401	20.540 ug/ml
2) T n-Decane (C10)	4.490	2513107	20.763 ug/ml
3) T A~Naphthalene (C11.7)	6.069	2520986	21.639 ug/ml
4) T n-Dodecane (C12)	6.482	2632510	20.814 ug/ml
5) T A~2-methylnaphthalene...	7.114	2584349	21.942 ug/ml
6) T n-Tetradecane (C14)	8.258	2658907	20.656 ug/ml
7) T n-Hexadecane (C16)	9.843	2678681	20.344 ug/ml
8) T n-Octadecane (C18)	11.271	2692034	19.737 ug/ml
10) T n-Eicosane (C20)	12.571	2668372	19.118 ug/ml
11) T n-Heneicosane (C21)	13.177	2664797	18.751 ug/ml
13) T n-Docosane (C22)	13.760	2620406	18.442 ug/ml
14) T n-Tetracosane (C24)	14.855	2553760	17.789 ug/ml
15) T n-Hexacosane (C26)	15.869	2453465	17.157 ug/ml
16) T n-Octacosane (C28)	16.813	2341886	16.521 ug/ml
17) T n-Tricontane (C30)	17.696	2257502	16.097 ug/ml
18) T n-Dotriacontane (C32)	18.524	2137337	16.090 ug/ml
19) T n-Tetratriacontane (C34)	19.302	2026883	16.222 ug/ml
20) T n-Hexatriacontane (C36)	20.039	1951129	16.881 ug/ml
21) T n-Octatriacontane (C38)	20.765	1875148	17.618 ug/ml
22) T n-Tetracontane (C40)	21.653	1931159	18.556 ug/ml

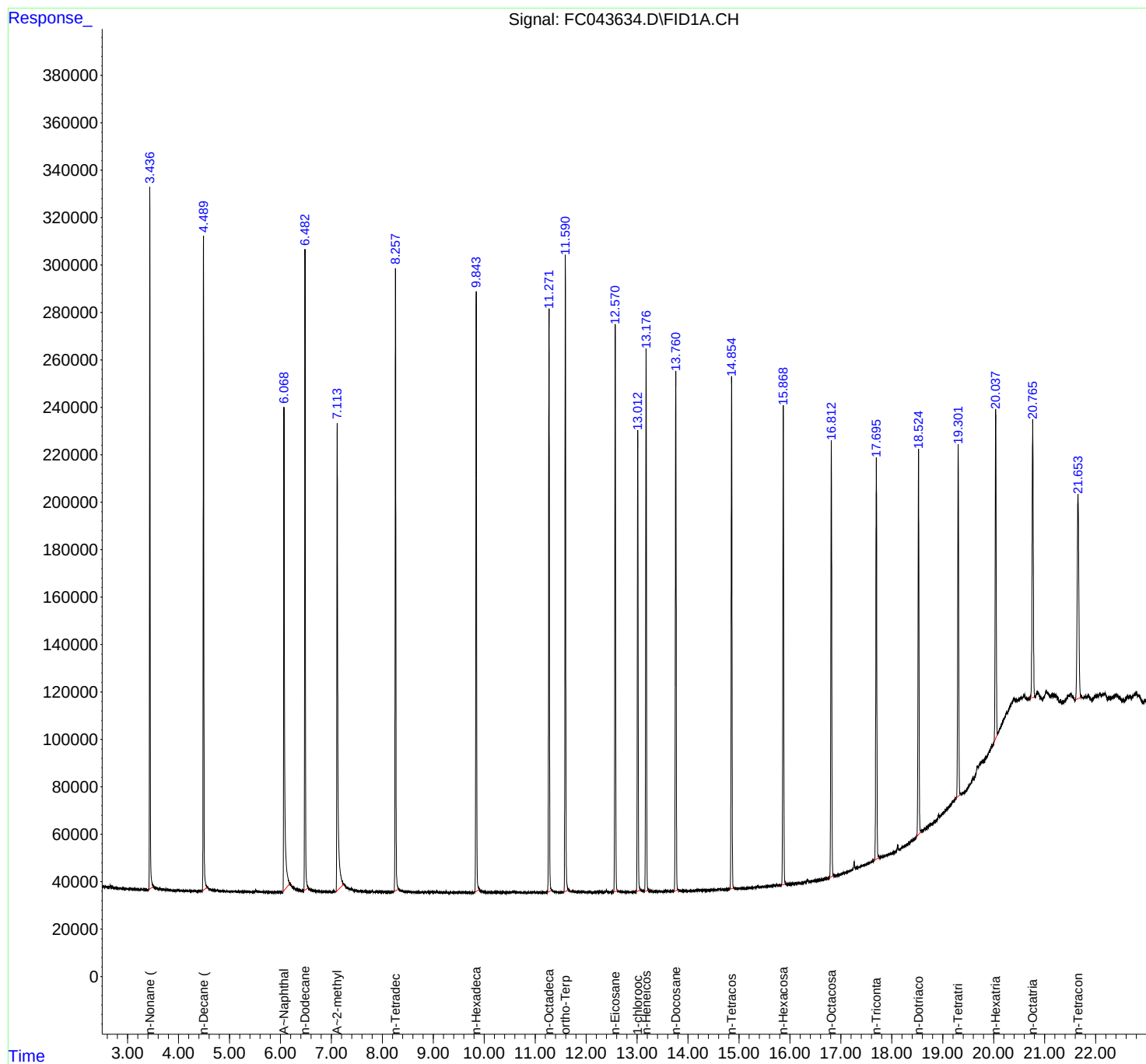
(f)=RT Delta > 1/2 Window

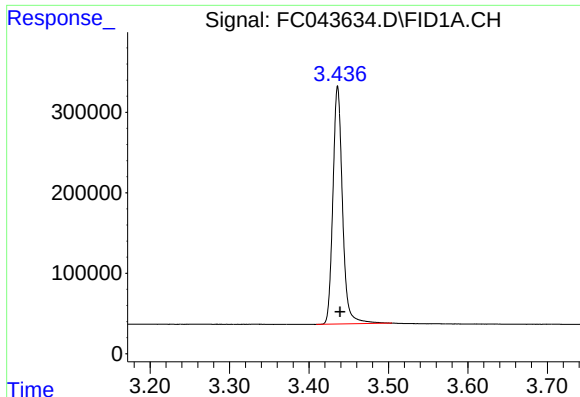
(m)=manual int.

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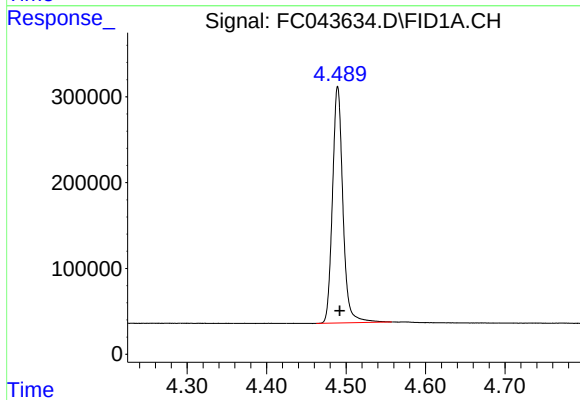
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Signal Info : 20M x 0.18mm x 0.18um





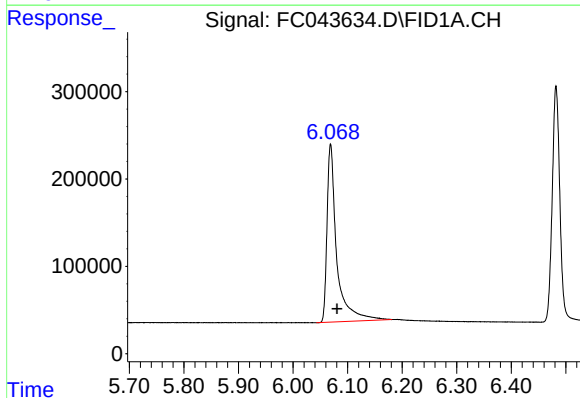
#1 n-Nonane (C9)

R.T.: 3.436 min
Delta R.T.: -0.003 min
Response: 2483401
Conc: 20.54 ug/ml



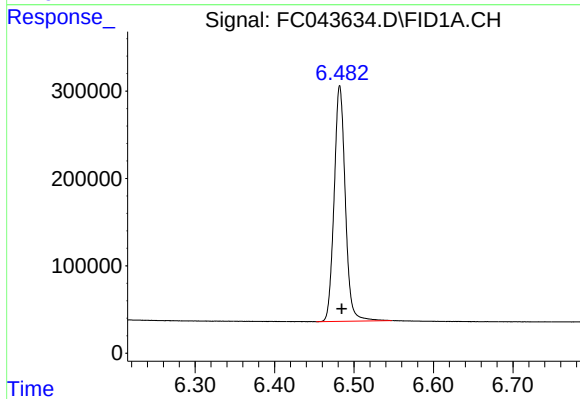
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.002 min
Response: 2513107
Conc: 20.76 ug/ml



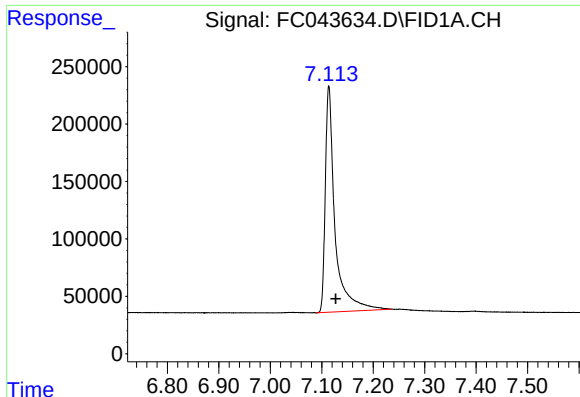
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: -0.012 min
Response: 2520986
Conc: 21.64 ug/ml



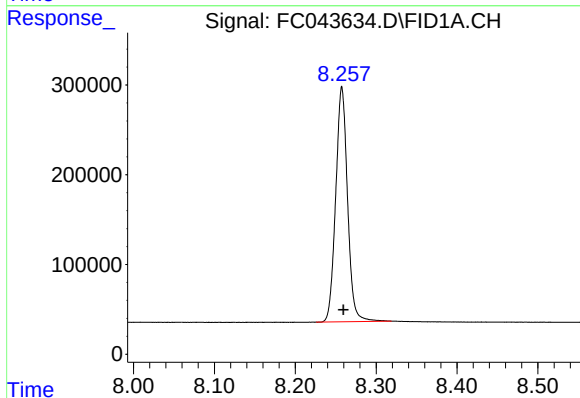
#4 n-Dodecane (C12)

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 2632510
Conc: 20.81 ug/ml



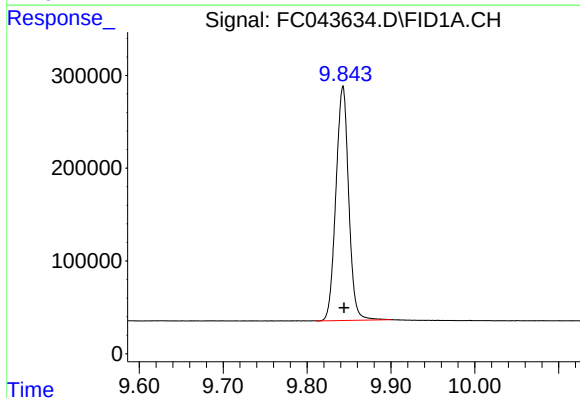
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.114 min
Delta R.T.: -0.013 min
Response: 2584349
Conc: 21.94 ug/ml



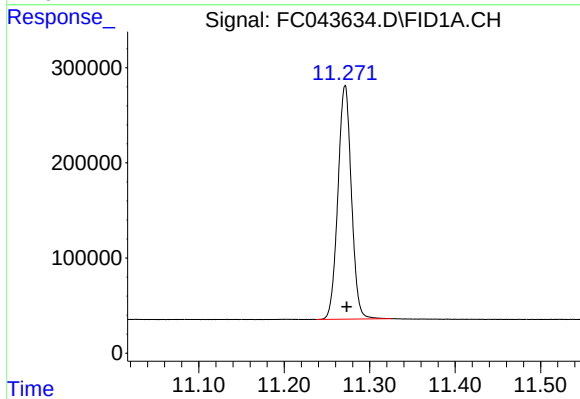
#6 n-Tetradecane (C14)

R.T.: 8.258 min
Delta R.T.: -0.002 min
Response: 2658907
Conc: 20.66 ug/ml



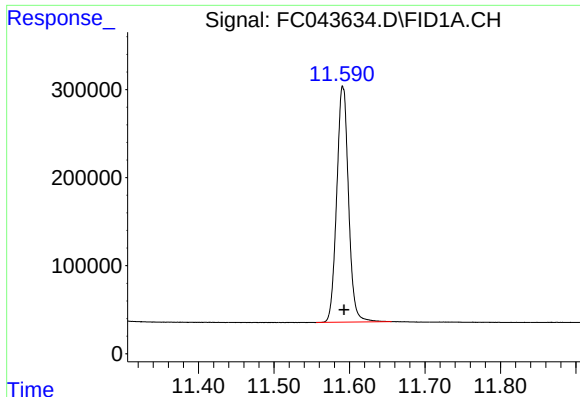
#7 n-Hexadecane (C16)

R.T.: 9.843 min
Delta R.T.: -0.001 min
Response: 2678681
Conc: 20.34 ug/ml



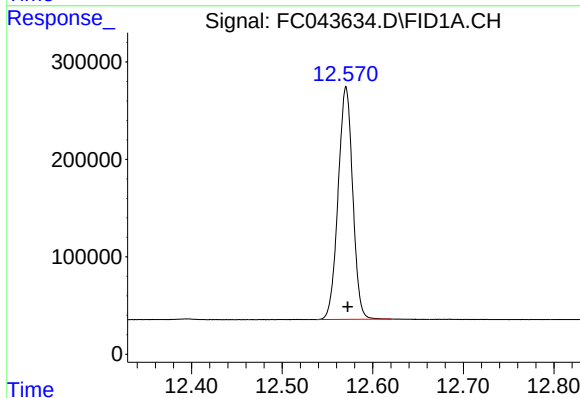
#8 n-Octadecane (C18)

R.T.: 11.271 min
Delta R.T.: -0.002 min
Response: 2692034
Conc: 19.74 ug/ml



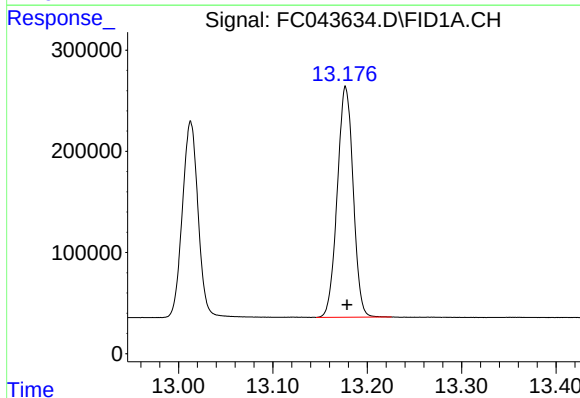
#9 ortho-Terphenyl (SURR)

R.T.: 11.591 min
Delta R.T.: -0.002 min
Response: 2912559
Conc: 19.19 ug/ml



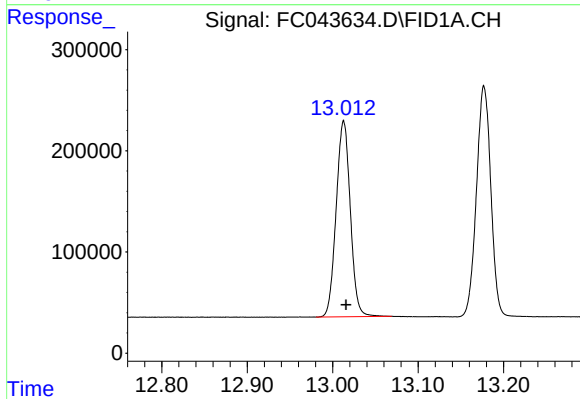
#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: -0.002 min
Response: 2668372
Conc: 19.12 ug/ml



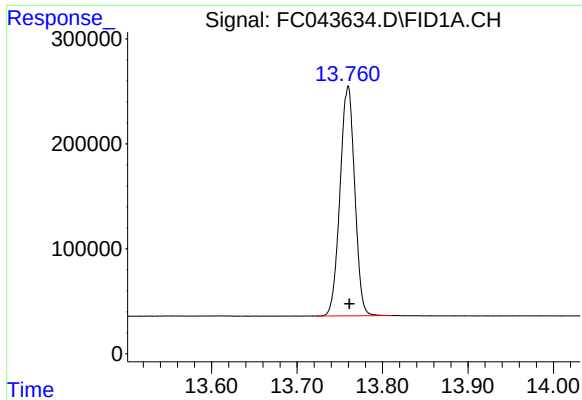
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: -0.002 min
Response: 2664797
Conc: 18.75 ug/ml



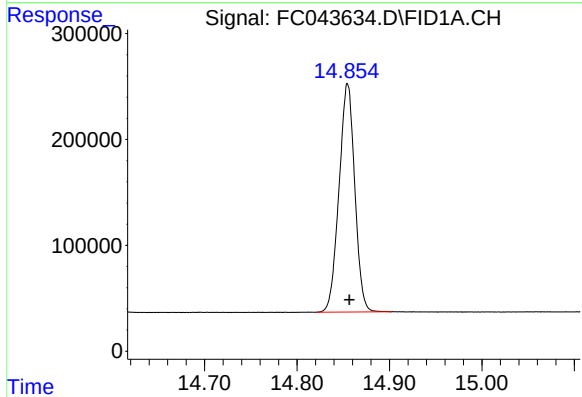
#12 1-chlorooctadecane (SURR)

R.T.: 13.013 min
Delta R.T.: -0.003 min
Response: 2228672
Conc: 18.80 ug/ml



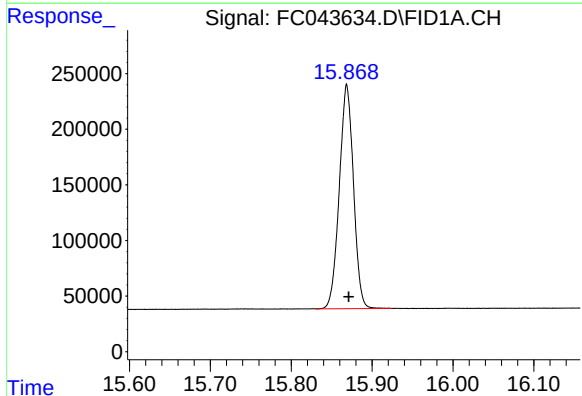
#13 n-Docosane (C22)

R.T.: 13.760 min
Delta R.T.: -0.001 min
Response: 2620406
Conc: 18.44 ug/ml



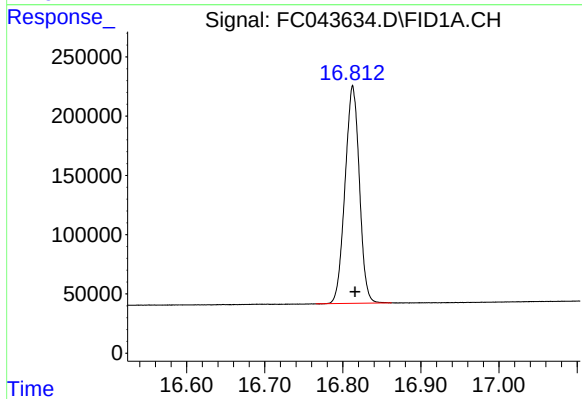
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.002 min
Response: 2553760
Conc: 17.79 ug/ml



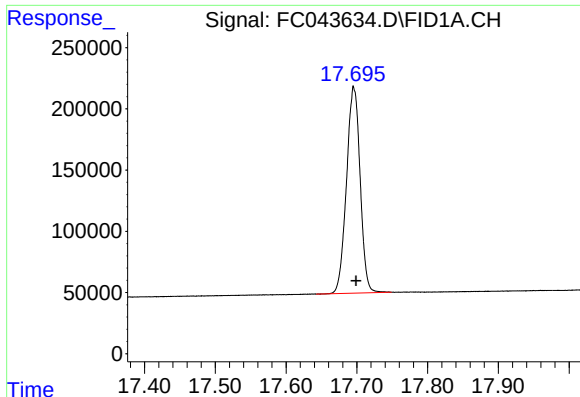
#15 n-Hexacosane (C26)

R.T.: 15.869 min
Delta R.T.: -0.003 min
Response: 2453465
Conc: 17.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.813 min
Delta R.T.: -0.003 min
Response: 2341886
Conc: 16.52 ug/ml



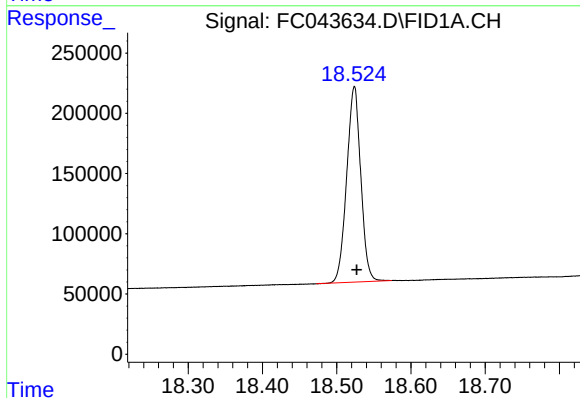
#17 n-Tricontane (C30)

R.T.: 17.696 min

Delta R.T.: -0.003 min

Response: 2257502

Conc: 16.10 ug/ml



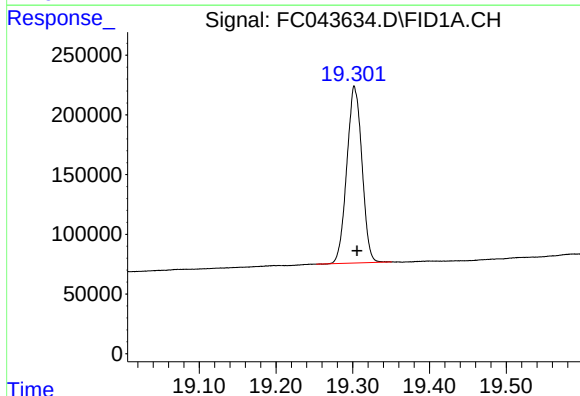
#18 n-Dotriacontane (C32)

R.T.: 18.524 min

Delta R.T.: -0.003 min

Response: 2137337

Conc: 16.09 ug/ml



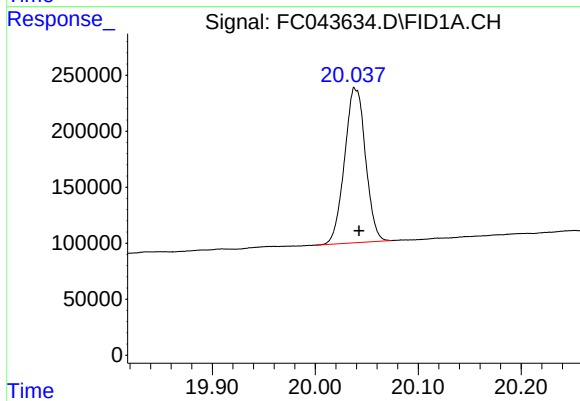
#19 n-Tetratriacontane (C34)

R.T.: 19.302 min

Delta R.T.: -0.003 min

Response: 2026883

Conc: 16.22 ug/ml



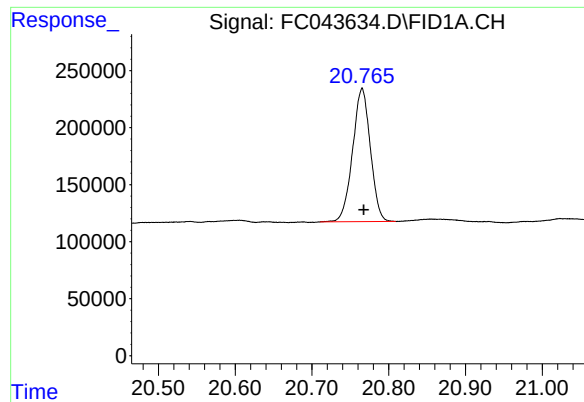
#20 n-Hexatriacontane (C36)

R.T.: 20.039 min

Delta R.T.: -0.004 min

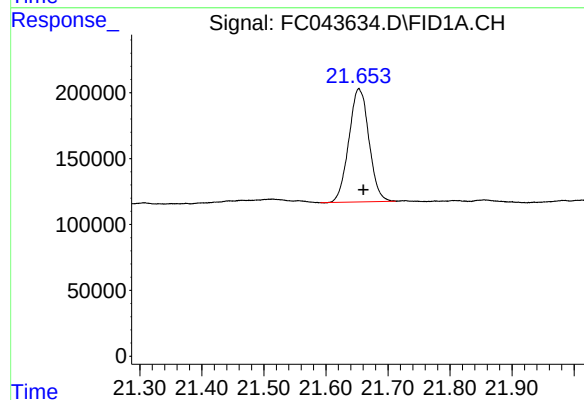
Response: 1951129

Conc: 16.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.765 min
Delta R.T.: -0.002 min
Response: 1875148
Conc: 17.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.653 min
Delta R.T.: -0.007 min
Response: 1931159
Conc: 18.56 ug/ml