

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101218AL\
 Data File : FC036827.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2018 10:26
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 00:48:45 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 092118.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 10 12:23:17 2018
 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)	11.370	2454969	20.192 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	12.812	1828679	19.421 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
Target Compounds			
1) T n-Nonane (C9)	3.181	1754485	19.689 ug/ml
2) T n-Decane (C10)	4.245	1827399	20.328 ug/ml
3) T A~Naphthalene (C11.7)	5.815	2206895	22.018 ug/ml
4) T n-Dodecane (C12)	6.257	1937863	20.794 ug/ml
5) T A~2-methylnaphthalene...	6.865	2215390	22.035 ug/ml
6) T n-Tetradecane (C14)	8.041	2016597	20.616 ug/ml
7) T n-Hexadecane (C16)	9.634	2074503	20.185 ug/ml
8) T n-Octadecane (C18)	11.069	2115017	19.475 ug/ml
10) T n-Eicosane (C20)	12.372	2138513	19.332 ug/ml
11) T n-Heneicosane (C21)	12.982	2127037	19.354 ug/ml
13) T n-Docosane (C22)	13.565	2126155	19.473 ug/ml
14) T n-Tetracosane (C24)	14.664	2130561	19.515 ug/ml
15) T n-Hexacosane (C26)	15.681	2140431	19.814 ug/ml
16) T n-Octacosane (C28)	16.628	2175374	19.716 ug/ml
17) T n-Tricontane (C30)	17.512	2225034	19.122 ug/ml
18) T n-Dotriacontane (C32)	18.341	2290774	19.644 ug/ml
19) T n-Tetratriacontane (C34)	19.122	2248922	20.070 ug/ml
20) T n-Hexatriacontane (C36)	19.860	2158120	20.383 ug/ml
21) T n-Octatriacontane (C38)	20.567	2072133	19.603 ug/ml
22) T n-Tetracontane (C40)	21.402	2021563	18.828 ug/ml

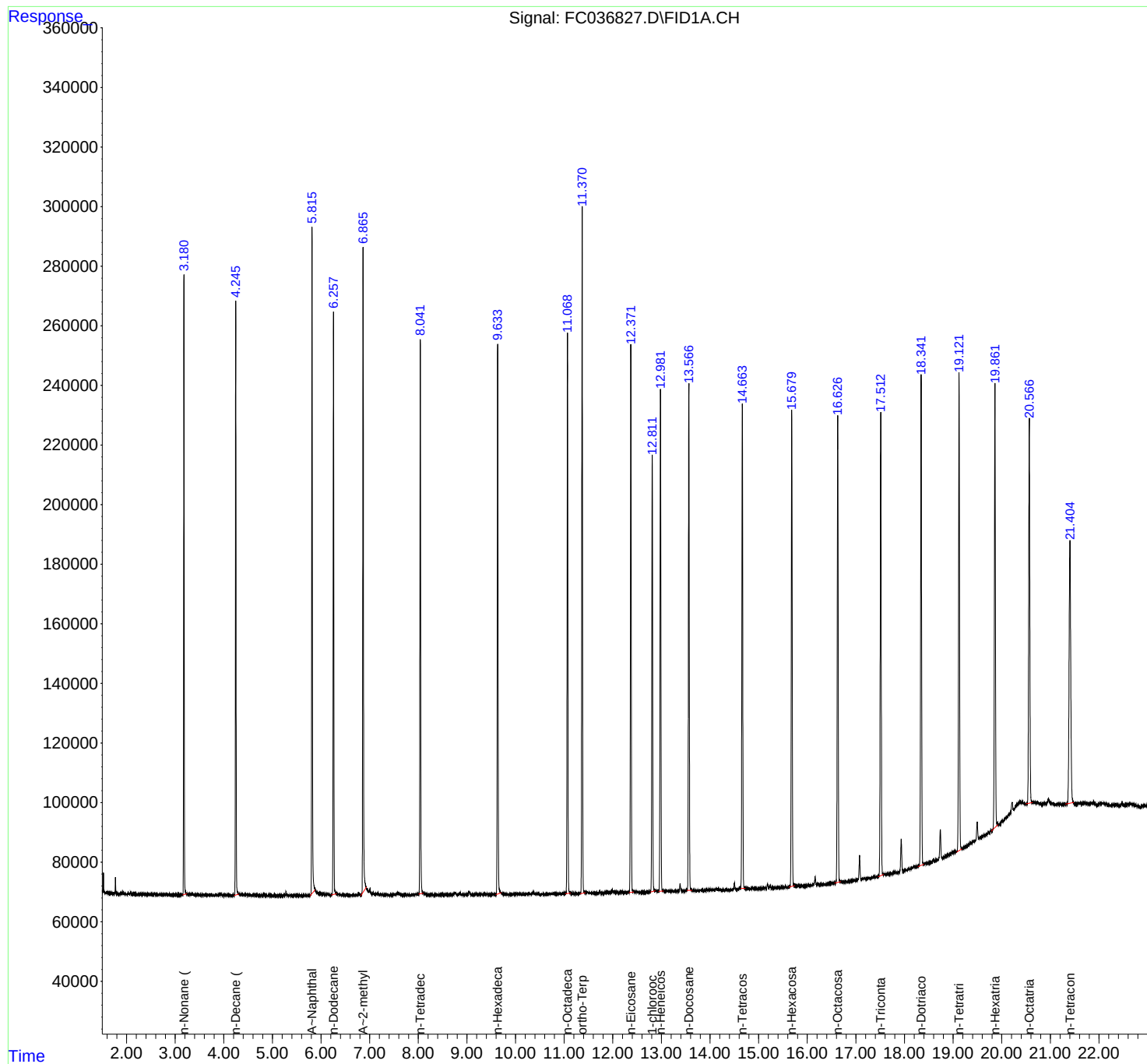
(f)=RT Delta > 1/2 Window

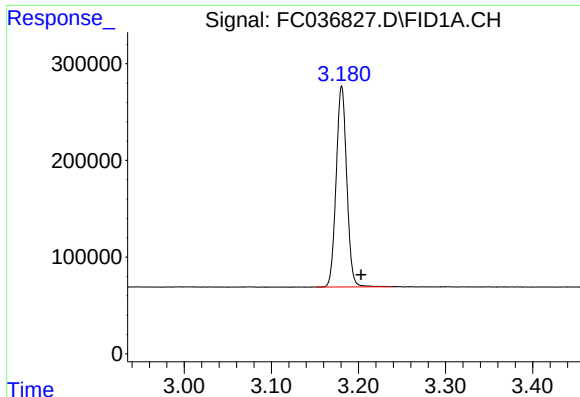
(m)=manual int.

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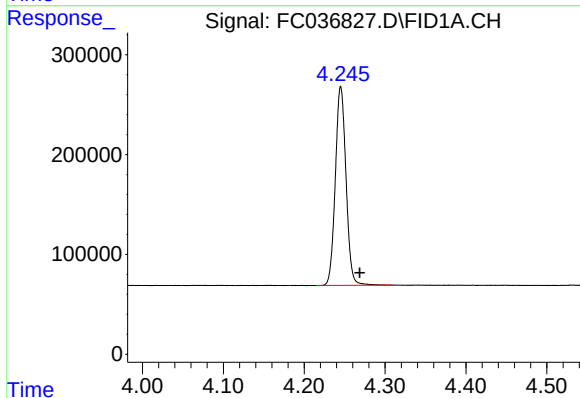
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





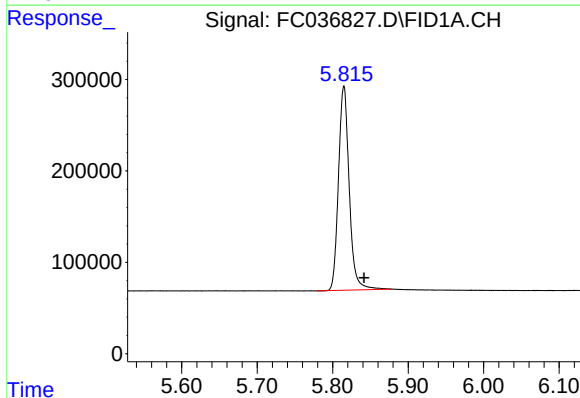
#1 n-Nonane (C9)

R.T.: 3.181 min
Delta R.T.: -0.022 min
Response: 1754485
Conc: 19.69 ug/ml



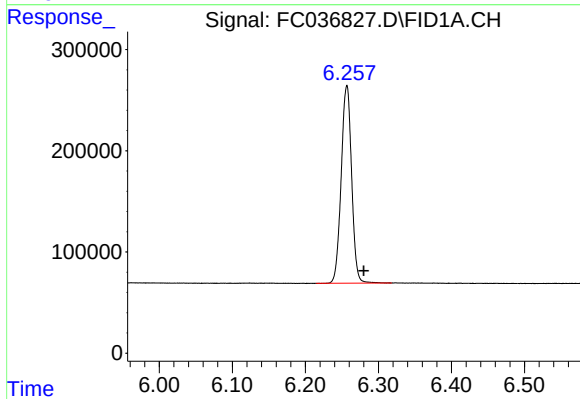
#2 n-Decane (C10)

R.T.: 4.245 min
Delta R.T.: -0.023 min
Response: 1827399
Conc: 20.33 ug/ml



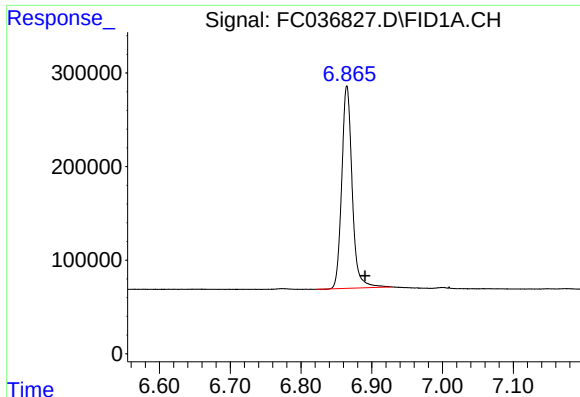
#3 A~Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: -0.027 min
Response: 2206895
Conc: 22.02 ug/ml



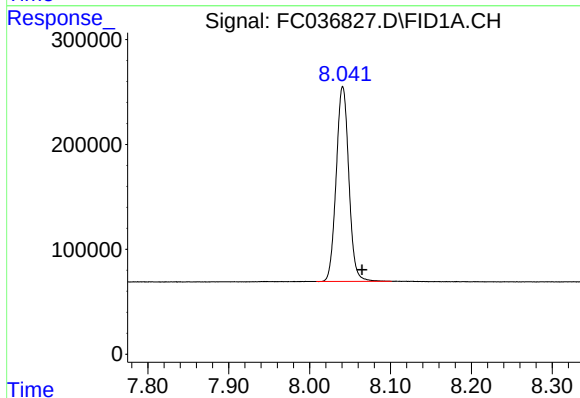
#4 n-Dodecane (C12)

R.T.: 6.257 min
Delta R.T.: -0.023 min
Response: 1937863
Conc: 20.79 ug/ml



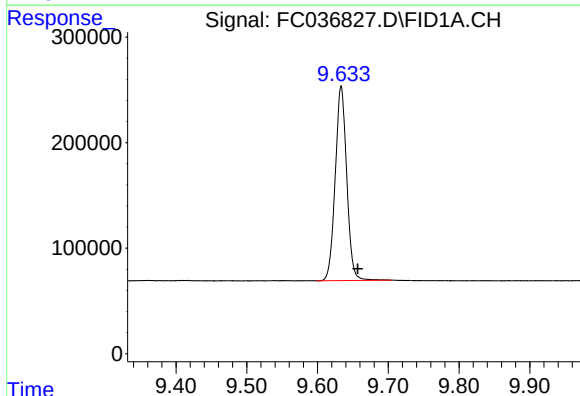
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.865 min
Delta R.T.: -0.026 min
Response: 2215390
Conc: 22.04 ug/ml



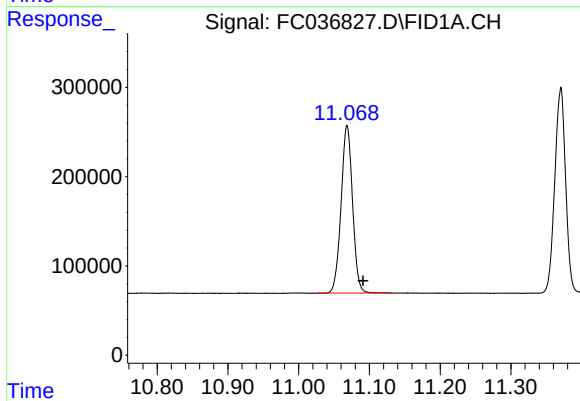
#6 n-Tetradecane (C14)

R.T.: 8.041 min
Delta R.T.: -0.024 min
Response: 2016597
Conc: 20.62 ug/ml



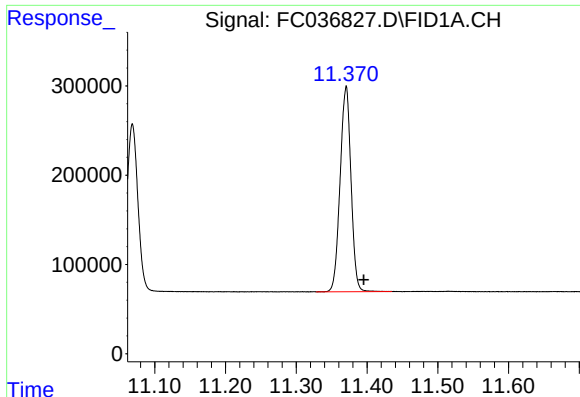
#7 n-Hexadecane (C16)

R.T.: 9.634 min
Delta R.T.: -0.023 min
Response: 2074503
Conc: 20.19 ug/ml



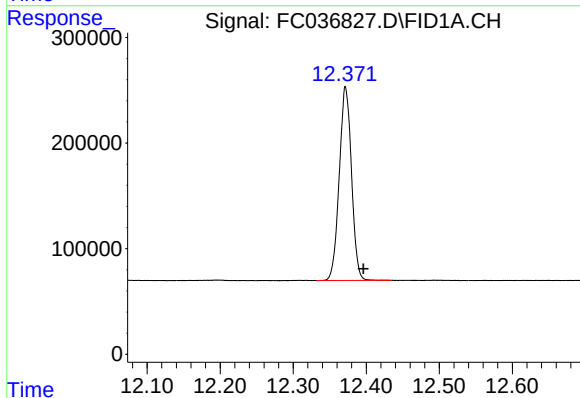
#8 n-Octadecane (C18)

R.T.: 11.069 min
Delta R.T.: -0.023 min
Response: 2115017
Conc: 19.48 ug/ml



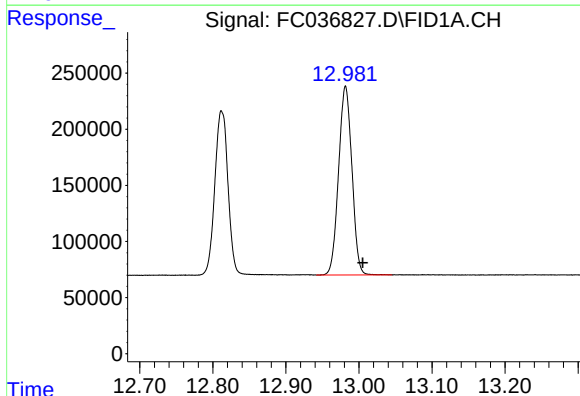
#9 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: -0.025 min
Response: 2454969
Conc: 20.19 ug/ml



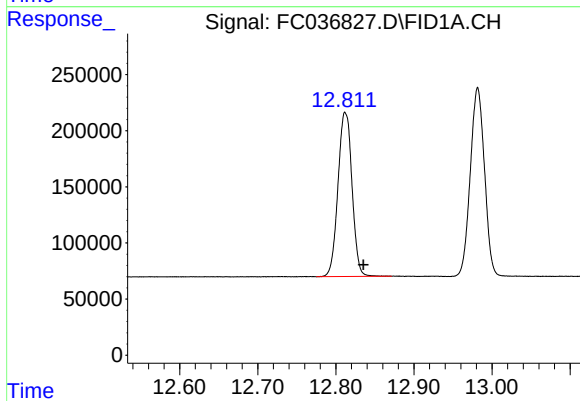
#10 n-Eicosane (C20)

R.T.: 12.372 min
Delta R.T.: -0.024 min
Response: 2138513
Conc: 19.33 ug/ml



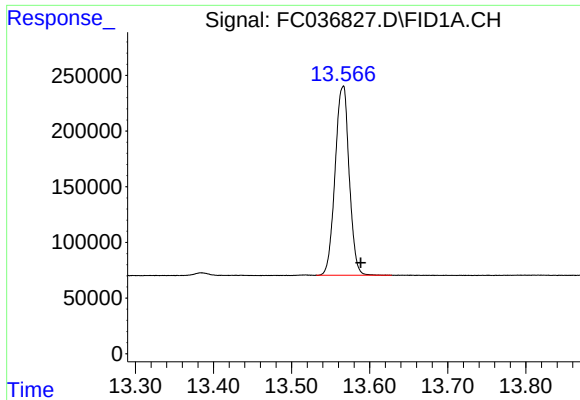
#11 n-Heneicosane (C21)

R.T.: 12.982 min
Delta R.T.: -0.024 min
Response: 2127037
Conc: 19.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.812 min
Delta R.T.: -0.023 min
Response: 1828679
Conc: 19.42 ug/ml



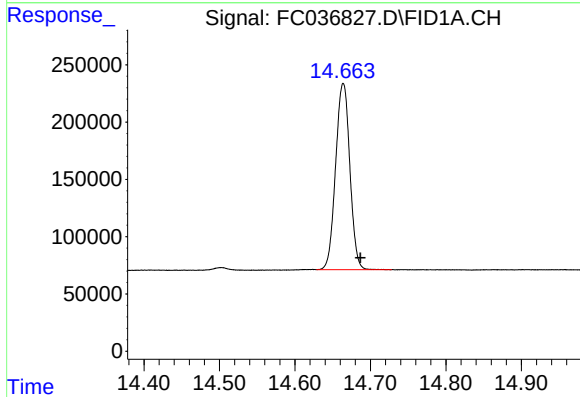
#13 n-Docosane (C22)

R.T.: 13.565 min

Delta R.T.: -0.023 min

Response: 2126155

Conc: 19.47 ug/ml



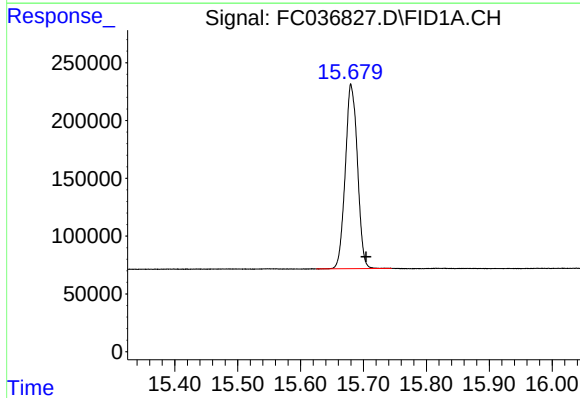
#14 n-Tetracosane (C24)

R.T.: 14.664 min

Delta R.T.: -0.023 min

Response: 2130561

Conc: 19.51 ug/ml



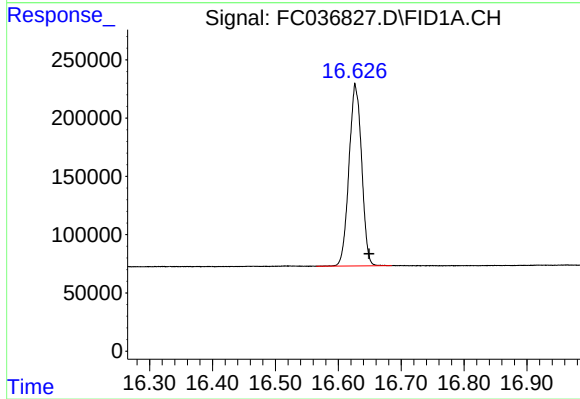
#15 n-Hexacosane (C26)

R.T.: 15.681 min

Delta R.T.: -0.023 min

Response: 2140431

Conc: 19.81 ug/ml



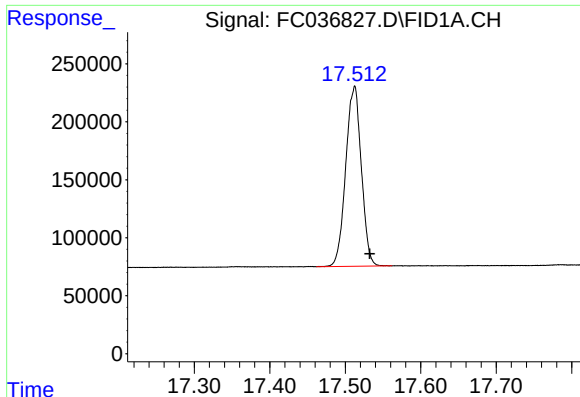
#16 n-Octacosane (C28)

R.T.: 16.628 min

Delta R.T.: -0.021 min

Response: 2175374

Conc: 19.72 ug/ml



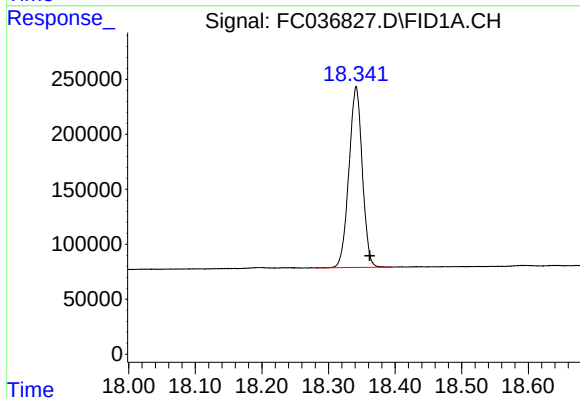
#17 n-Tricontane (C30)

R.T.: 17.512 min

Delta R.T.: -0.021 min

Response: 2225034

Conc: 19.12 ug/ml



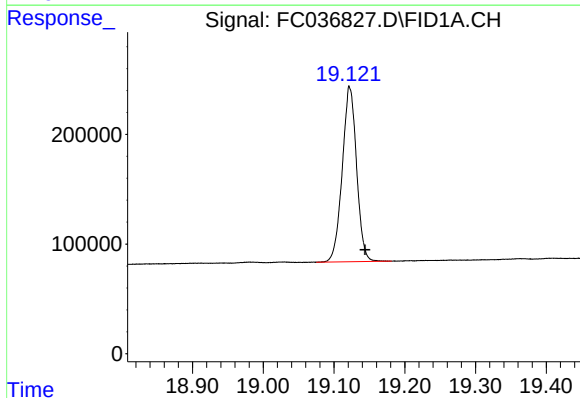
#18 n-Dotriacontane (C32)

R.T.: 18.341 min

Delta R.T.: -0.021 min

Response: 2290774

Conc: 19.64 ug/ml



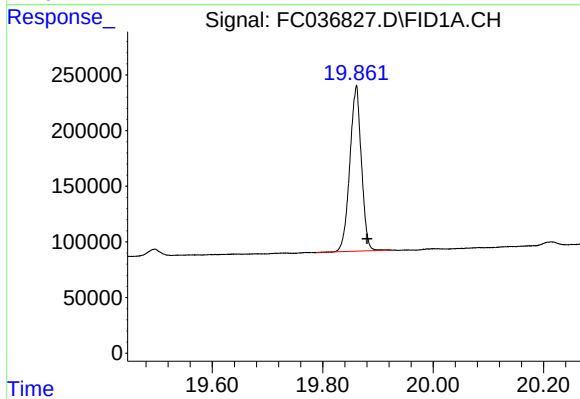
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min

Delta R.T.: -0.021 min

Response: 2248922

Conc: 20.07 ug/ml



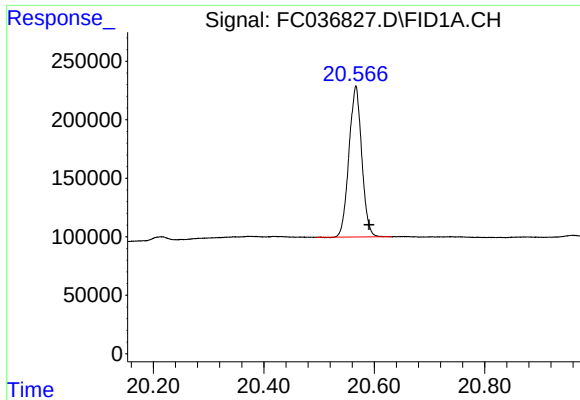
#20 n-Hexatriacontane (C36)

R.T.: 19.860 min

Delta R.T.: -0.020 min

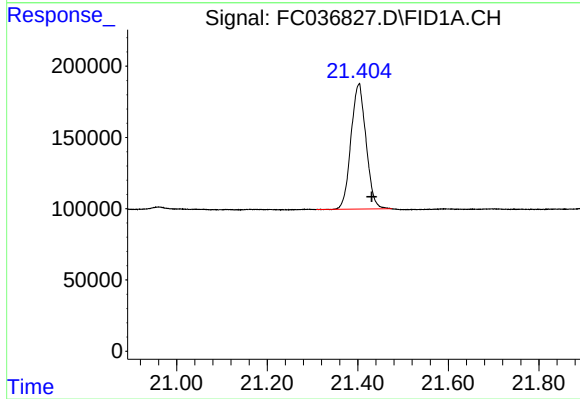
Response: 2158120

Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.567 min
Delta R.T.: -0.024 min
Response: 2072133
Conc: 19.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.402 min
Delta R.T.: -0.029 min
Response: 2021563
Conc: 18.83 ug/ml