

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071718AL\
 Data File : FC035408.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jul 2018 10:51
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 17 14:21:18 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 062518.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 25 14:27:40 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)	11.441	2200405	21.371 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
12) S 1-chlorooctadecane (S...	12.881	1584208	19.792 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.234	1561880	18.626 ug/ml
2) T n-Decane (C10)	4.302	1576434	18.809 ug/ml
3) T A~Naphthalene (C11.7)	5.877	2024246	21.333 ug/ml
4) T n-Dodecane (C12)	6.317	1679917	19.464 ug/ml
5) T A~2-methylnaphthalene...	6.930	2078451	21.584 ug/ml
6) T n-Tetradecane (C14)	8.105	1764425	19.786 ug/ml
7) T n-Hexadecane (C16)	9.698	1812811	19.759 ug/ml
8) T n-Octadecane (C18)	11.135	1821940	19.305 ug/ml
10) T n-Eicosane (C20)	12.441	1866319	19.354 ug/ml
11) T n-Heneicosane (C21)	13.051	1863861	19.620 ug/ml
13) T n-Docosane (C22)	13.636	1864987	19.541 ug/ml
14) T n-Tetracosane (C24)	14.736	1859969	19.486 ug/ml
15) T n-Hexacosane (C26)	15.755	1862350	19.700 ug/ml
16) T n-Octacosane (C28)	16.702	1862070	19.805 ug/ml
17) T n-Tricontane (C30)	17.587	1800825	19.599 ug/ml
18) T n-Dotriacontane (C32)	18.418	1768221	19.914 ug/ml
19) T n-Tetratriacontane (C34)	19.200	1716386	18.970 ug/ml
20) T n-Hexatriacontane (C36)	19.938	1671402	18.641 ug/ml
21) T n-Octatriacontane (C38)	20.654	1673056	18.141 ug/ml
22) T n-Tetracontane (C40)	21.515	1643733	17.490 ug/ml

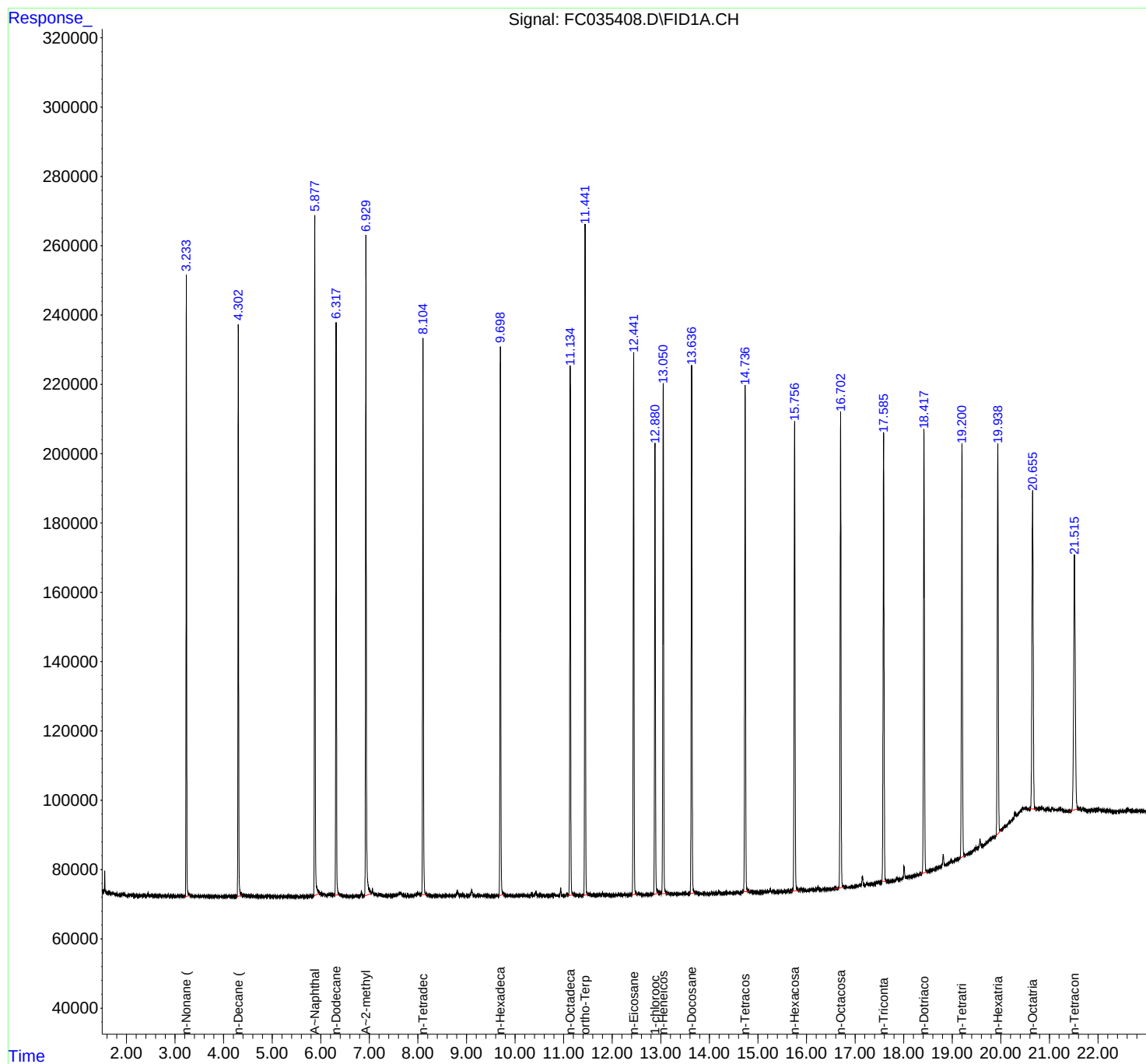
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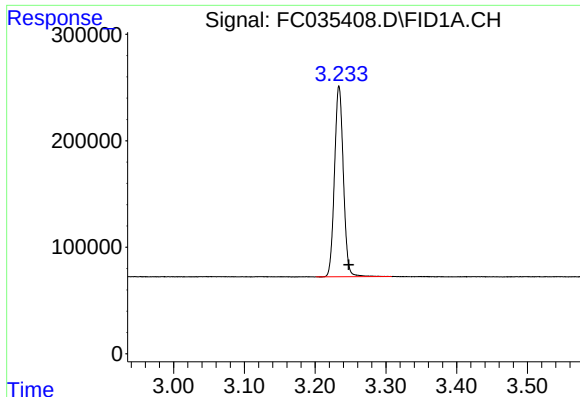
(m)=manual int.

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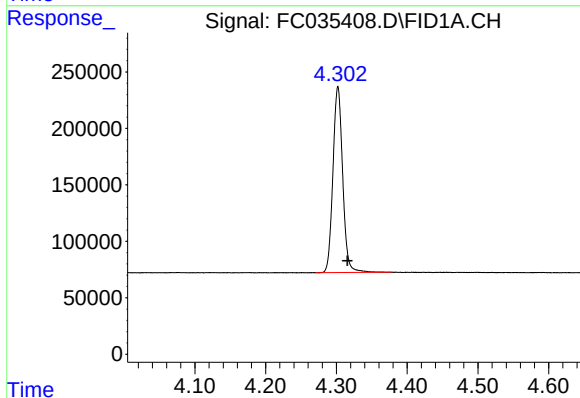
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





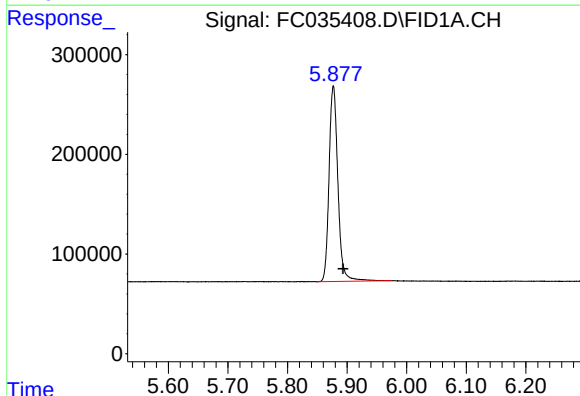
#1 n-Nonane (C9)

R.T.: 3.234 min
Delta R.T.: -0.014 min
Response: 1561880
Conc: 18.63 ug/ml



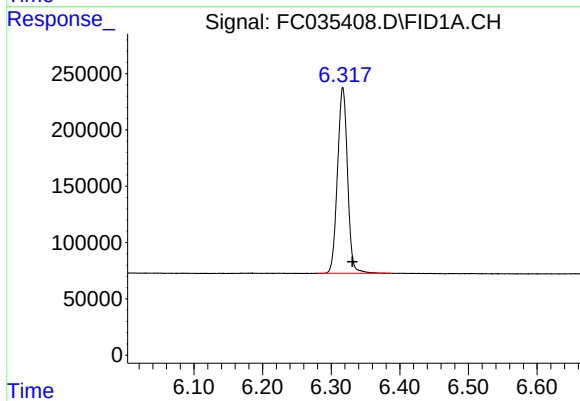
#2 n-Decane (C10)

R.T.: 4.302 min
Delta R.T.: -0.014 min
Response: 1576434
Conc: 18.81 ug/ml



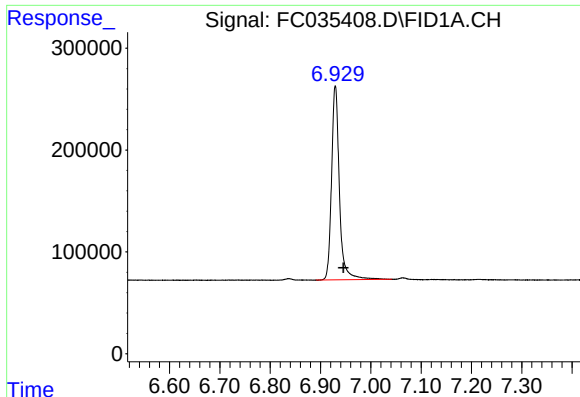
#3 A~Naphthalene (C11.7)

R.T.: 5.877 min
Delta R.T.: -0.016 min
Response: 2024246
Conc: 21.33 ug/ml



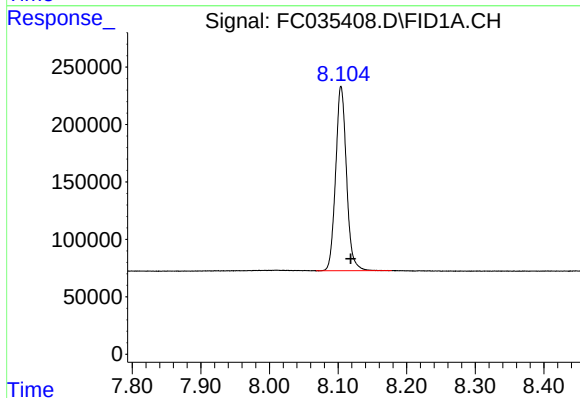
#4 n-Dodecane (C12)

R.T.: 6.317 min
Delta R.T.: -0.014 min
Response: 1679917
Conc: 19.46 ug/ml



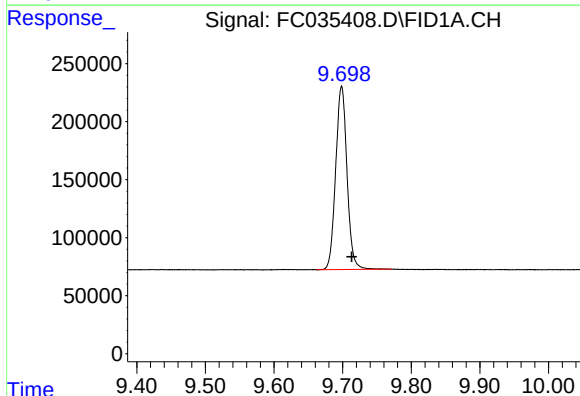
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.930 min
Delta R.T.: -0.016 min
Response: 2078451
Conc: 21.58 ug/ml



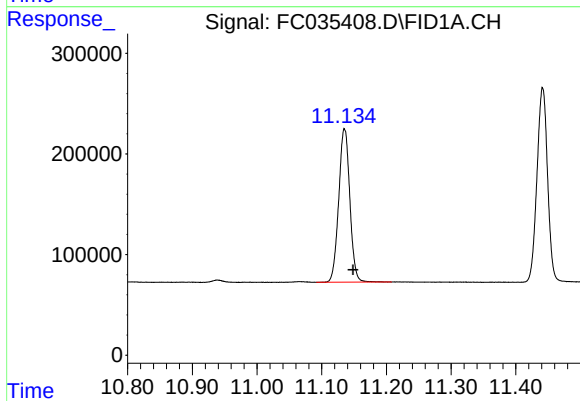
#6 n-Tetradecane (C14)

R.T.: 8.105 min
Delta R.T.: -0.014 min
Response: 1764425
Conc: 19.79 ug/ml



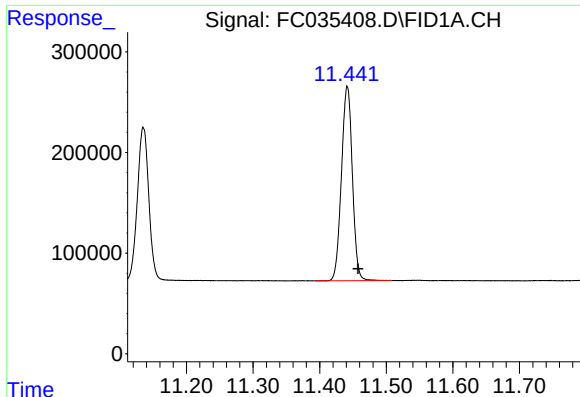
#7 n-Hexadecane (C16)

R.T.: 9.698 min
Delta R.T.: -0.015 min
Response: 1812811
Conc: 19.76 ug/ml



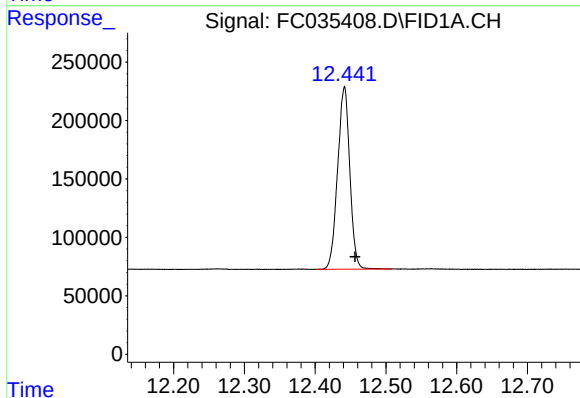
#8 n-Octadecane (C18)

R.T.: 11.135 min
Delta R.T.: -0.014 min
Response: 1821940
Conc: 19.31 ug/ml



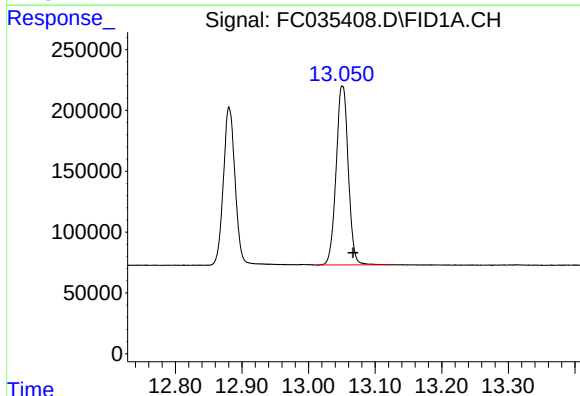
#9 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: -0.016 min
Response: 2200405
Conc: 21.37 ug/ml



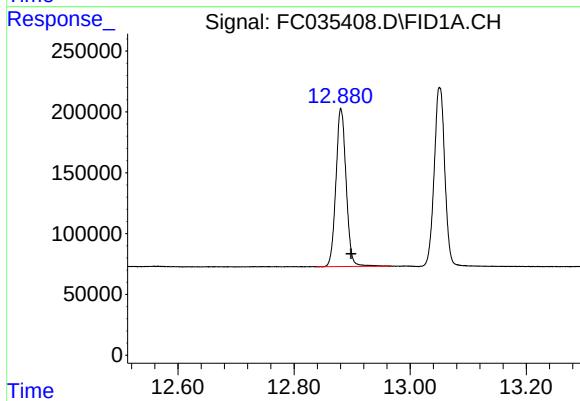
#10 n-Eicosane (C20)

R.T.: 12.441 min
Delta R.T.: -0.015 min
Response: 1866319
Conc: 19.35 ug/ml



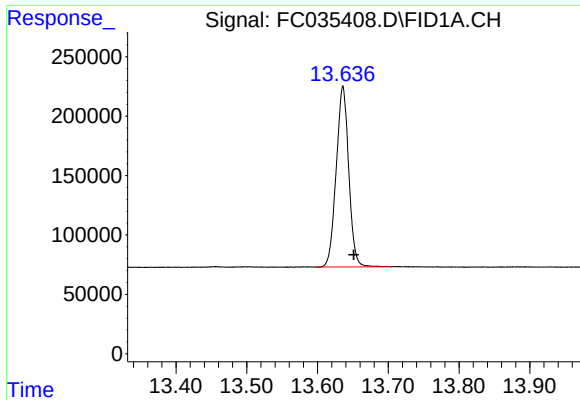
#11 n-Heneicosane (C21)

R.T.: 13.051 min
Delta R.T.: -0.016 min
Response: 1863861
Conc: 19.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.881 min
Delta R.T.: -0.017 min
Response: 1584208
Conc: 19.79 ug/ml



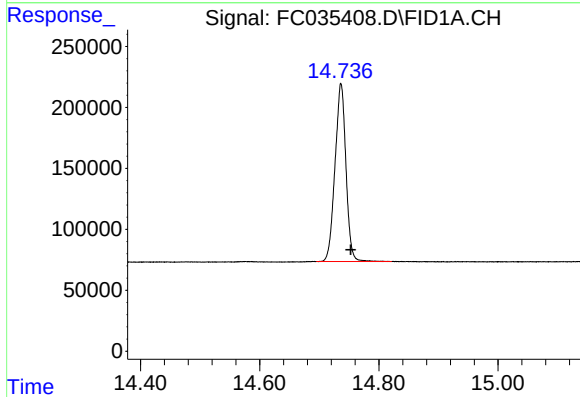
#13 n-Docosane (C22)

R.T.: 13.636 min

Delta R.T.: -0.016 min

Response: 1864987

Conc: 19.54 ug/ml



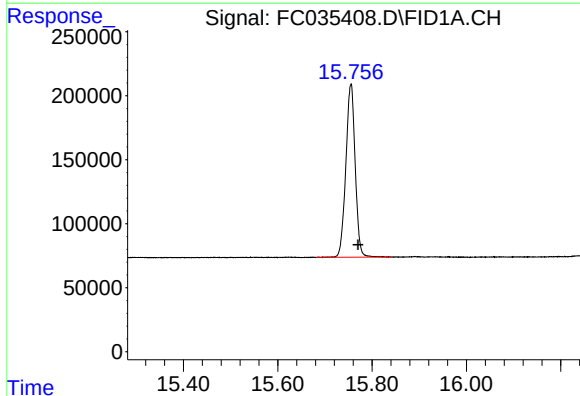
#14 n-Tetracosane (C24)

R.T.: 14.736 min

Delta R.T.: -0.017 min

Response: 1859969

Conc: 19.49 ug/ml



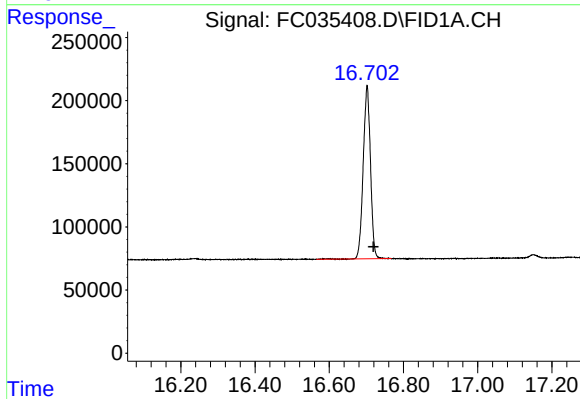
#15 n-Hexacosane (C26)

R.T.: 15.755 min

Delta R.T.: -0.016 min

Response: 1862350

Conc: 19.70 ug/ml



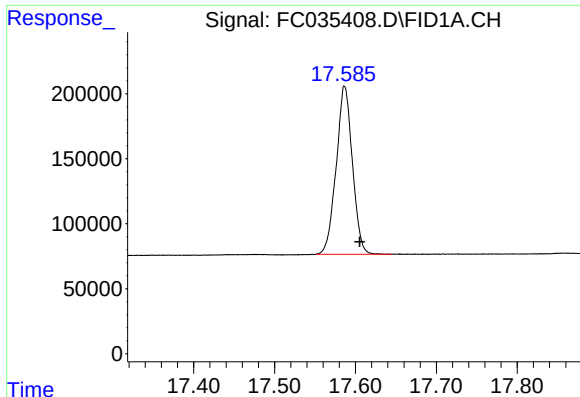
#16 n-Octacosane (C28)

R.T.: 16.702 min

Delta R.T.: -0.017 min

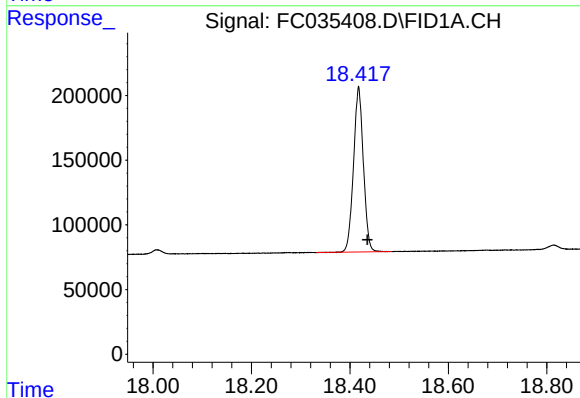
Response: 1862070

Conc: 19.81 ug/ml



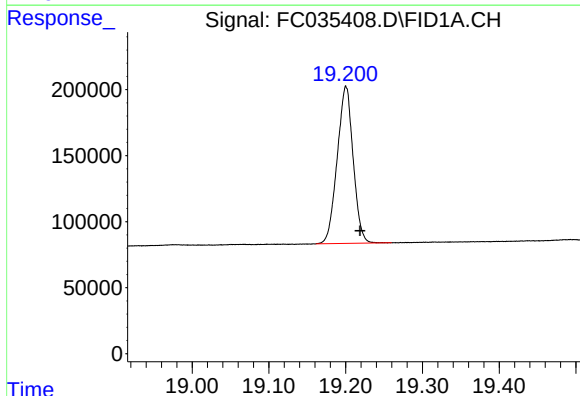
#17 n-Tricontane (C30)

R.T.: 17.587 min
Delta R.T.: -0.019 min
Response: 1800825
Conc: 19.60 ug/ml



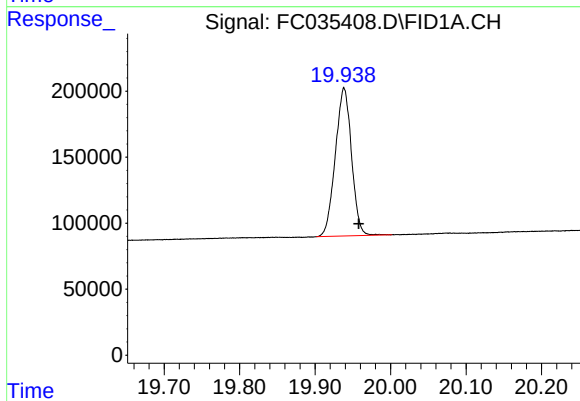
#18 n-Dotriacontane (C32)

R.T.: 18.418 min
Delta R.T.: -0.018 min
Response: 1768221
Conc: 19.91 ug/ml



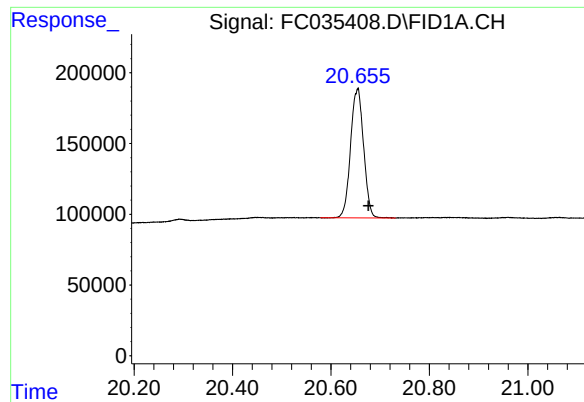
#19 n-Tetratriacontane (C34)

R.T.: 19.200 min
Delta R.T.: -0.018 min
Response: 1716386
Conc: 18.97 ug/ml



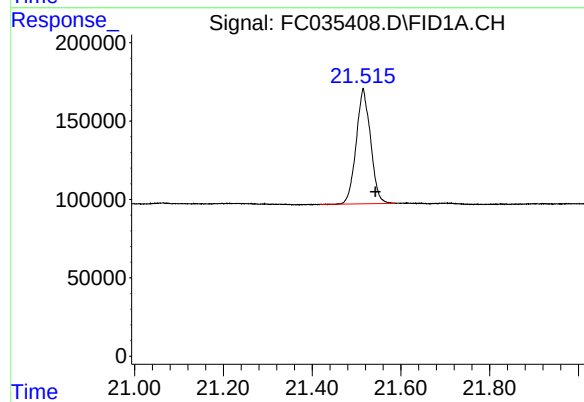
#20 n-Hexatriacontane (C36)

R.T.: 19.938 min
Delta R.T.: -0.019 min
Response: 1671402
Conc: 18.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.654 min
Delta R.T.: -0.022 min
Response: 1673056
Conc: 18.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.515 min
Delta R.T.: -0.028 min
Response: 1643733
Conc: 17.49 ug/ml