

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102820AL\
 Data File : FC050422.D
 Signal(s) : FID1A.CH
 Acq On : 29 Oct 2020 13:01
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 13:31:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 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)	11.622	2185406	19.497 ug/ml
Spiked Amount 50.000		Recovery =	38.99%
12) S 1-chlorooctadecane (S...	13.057	1685669	19.460 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
Target Compounds			
1) T n-Nonane (C9)	3.369	2105129	21.243 ug/ml
2) T n-Decane (C10)	4.440	2128539	21.379 ug/ml
3) T A~Naphthalene (C11.7)	6.034	2295314	20.825 ug/ml
4) T n-Dodecane (C12)	6.462	2138966	21.198 ug/ml
5) T A~2-methylnaphthalene...	7.092	2297431	20.641 ug/ml
6) T n-Tetradecane (C14)	8.258	2108864	21.051 ug/ml
7) T n-Hexadecane (C16)	9.860	2039457	20.693 ug/ml
8) T n-Octadecane (C18)	11.301	2093739	20.274 ug/ml
10) T n-Eicosane (C20)	12.612	2063277	19.829 ug/ml
11) T n-Heneicosane (C21)	13.224	2036149	19.594 ug/ml
13) T n-Docosane (C22)	13.809	2013749	19.399 ug/ml
14) T n-Tetracosane (C24)	14.912	1980675	19.069 ug/ml
15) T n-Hexacosane (C26)	15.932	1925823	18.689 ug/ml
16) T n-Octacosane (C28)	16.881	1906648	18.423 ug/ml
17) T n-Tricontane (C30)	17.769	1880667	18.429 ug/ml
18) T n-Dotriacontane (C32)	18.599	1803528	18.774 ug/mlm
19) T n-Tetratriacontane (C34)	19.382	1710298	18.646 ug/mlm
20) T n-Hexatriacontane (C36)	20.120	1707460	19.277 ug/mlm
21) T n-Octatriacontane (C38)	20.864	1583962	19.209 ug/mlm
22) T n-Tetracontane (C40)	21.800	1688110	20.188 ug/mlm

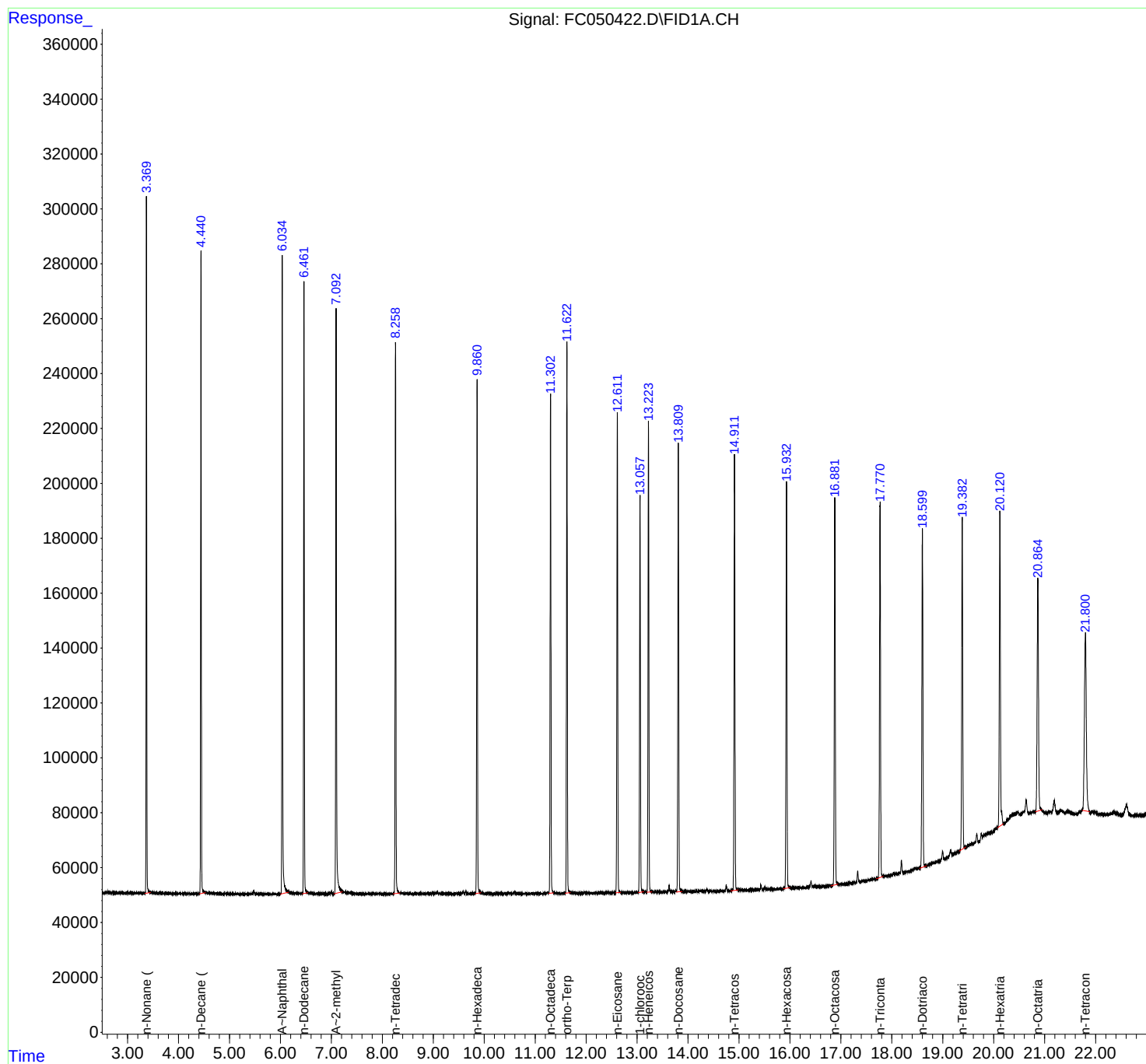
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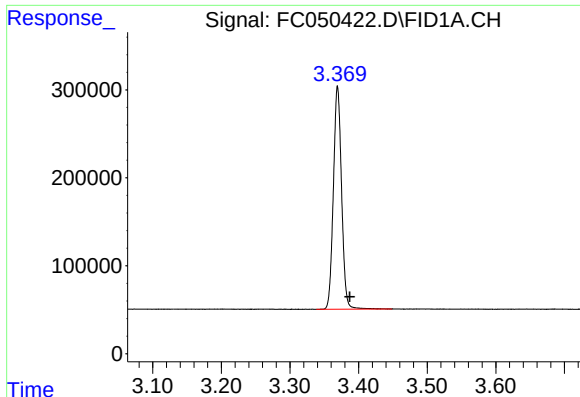
(m)=manual int.

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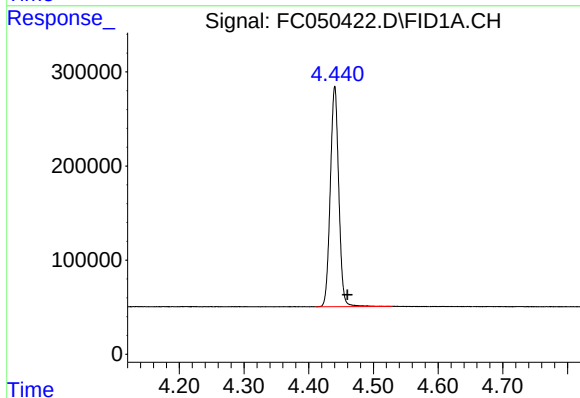
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Signal Info : 20M x 0.18mm x 0.18um





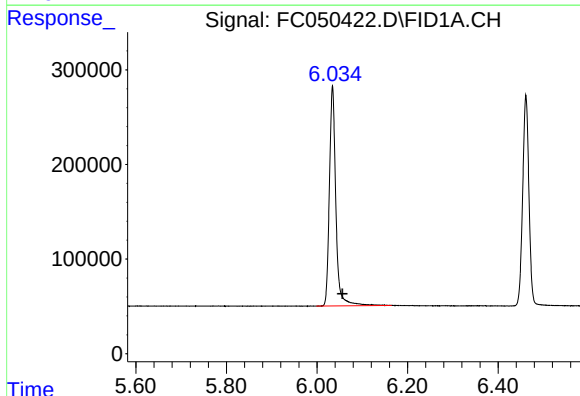
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: -0.018 min
Response: 2105129
Conc: 21.24 ug/ml



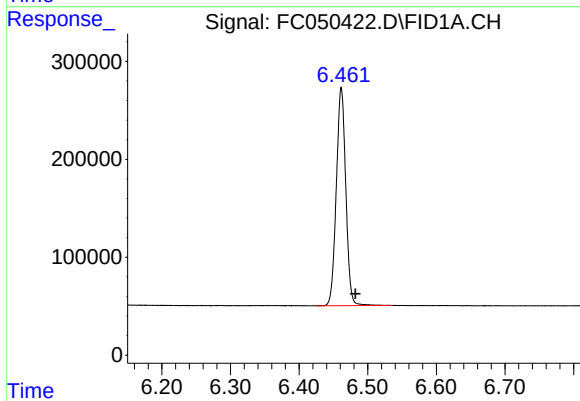
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.019 min
Response: 2128539
Conc: 21.38 ug/ml



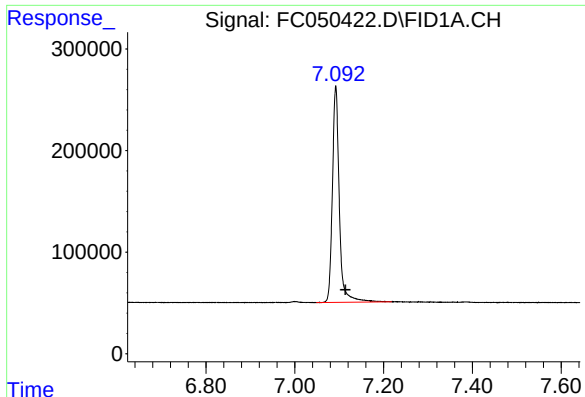
#3 A~Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.022 min
Response: 2295314
Conc: 20.83 ug/ml



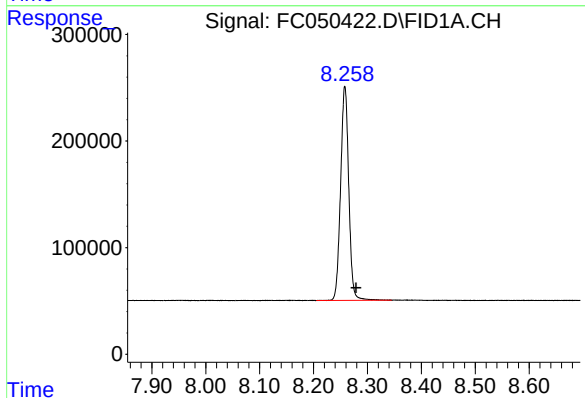
#4 n-Dodecane (C12)

R.T.: 6.462 min
Delta R.T.: -0.020 min
Response: 2138966
Conc: 21.20 ug/ml



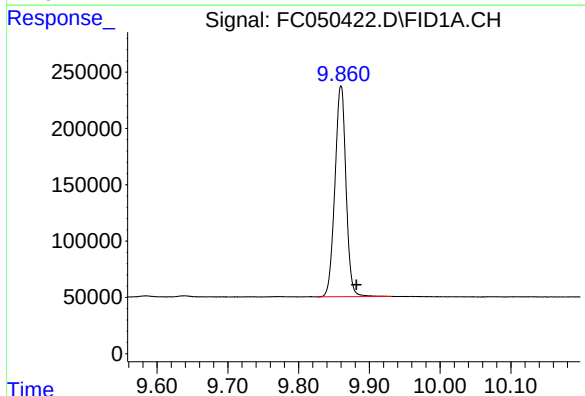
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: -0.022 min
Response: 2297431
Conc: 20.64 ug/ml



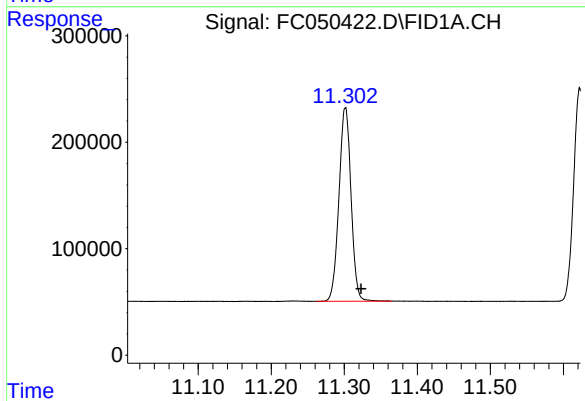
#6 n-Tetradecane (C14)

R.T.: 8.258 min
Delta R.T.: -0.021 min
Response: 2108864
Conc: 21.05 ug/ml



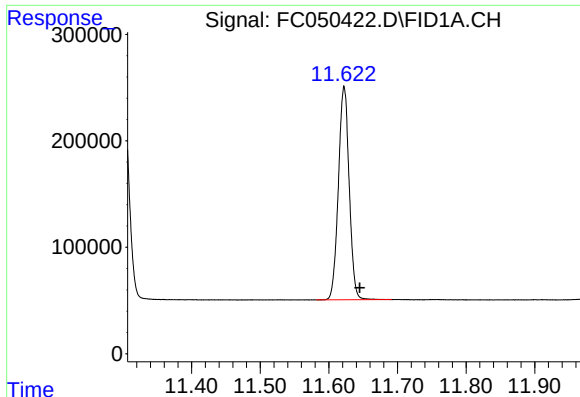
#7 n-Hexadecane (C16)

R.T.: 9.860 min
Delta R.T.: -0.022 min
Response: 2039457
Conc: 20.69 ug/ml



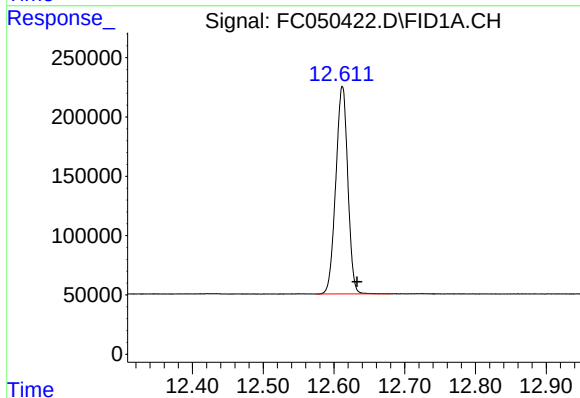
#8 n-Octadecane (C18)

R.T.: 11.301 min
Delta R.T.: -0.022 min
Response: 2093739
Conc: 20.27 ug/ml



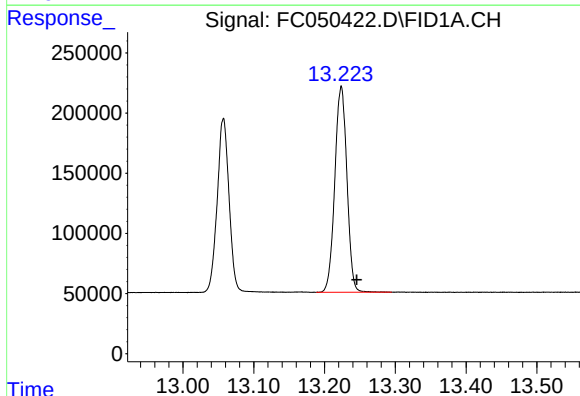
#9 ortho-Terphenyl (SURR)

R.T.: 11.622 min
Delta R.T.: -0.023 min
Response: 2185406
Conc: 19.50 ug/ml



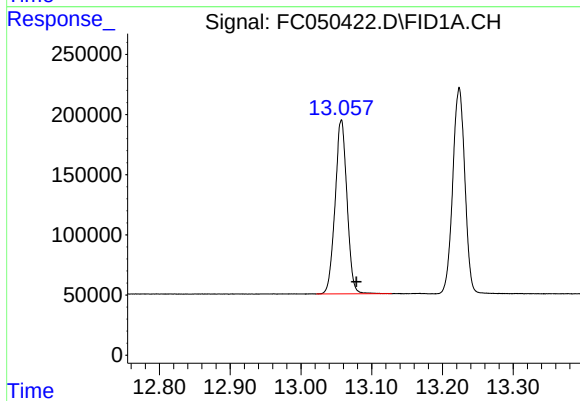
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.021 min
Response: 2063277
Conc: 19.83 ug/ml



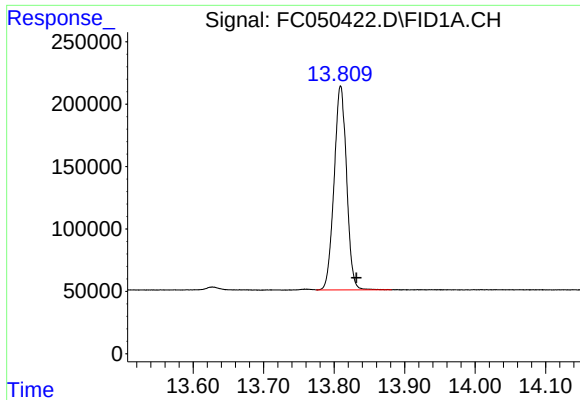
#11 n-Heneicosane (C21)

R.T.: 13.224 min
Delta R.T.: -0.022 min
Response: 2036149
Conc: 19.59 ug/ml



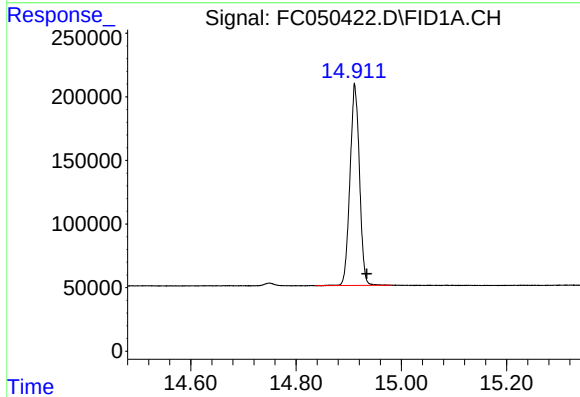
#12 1-chlorooctadecane (SURR)

R.T.: 13.057 min
Delta R.T.: -0.021 min
Response: 1685669
Conc: 19.46 ug/ml



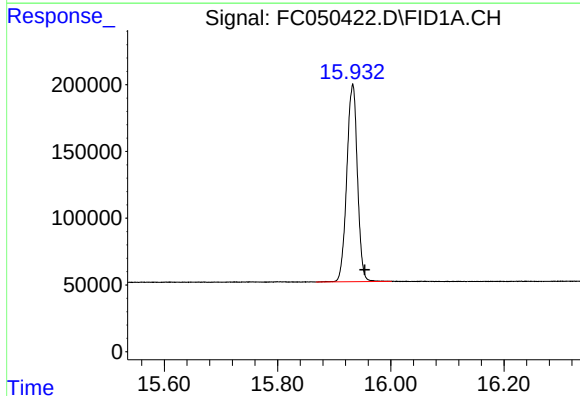
#13 n-Docosane (C22)

R.T.: 13.809 min
Delta R.T.: -0.022 min
Response: 2013749
Conc: 19.40 ug/ml



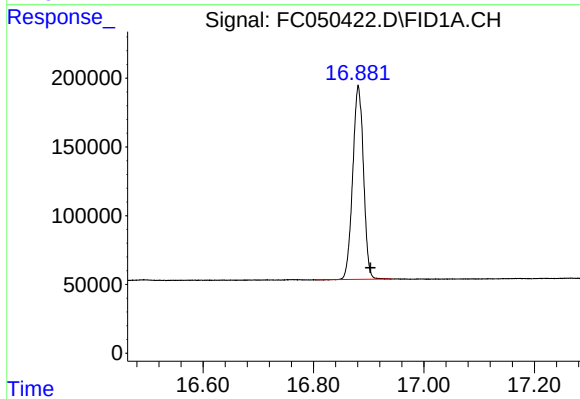
#14 n-Tetracosane (C24)

R.T.: 14.912 min
Delta R.T.: -0.022 min
Response: 1980675
Conc: 19.07 ug/ml



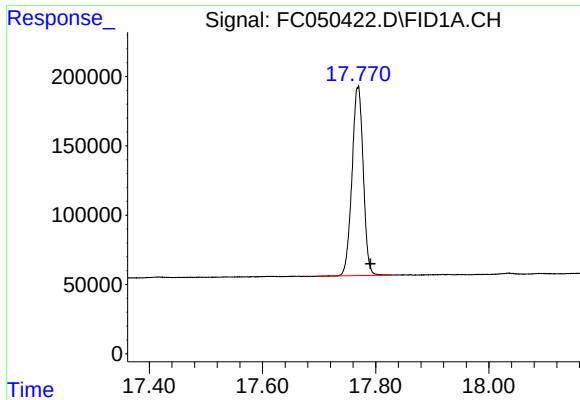
#15 n-Hexacosane (C26)

R.T.: 15.932 min
Delta R.T.: -0.022 min
Response: 1925823
Conc: 18.69 ug/ml



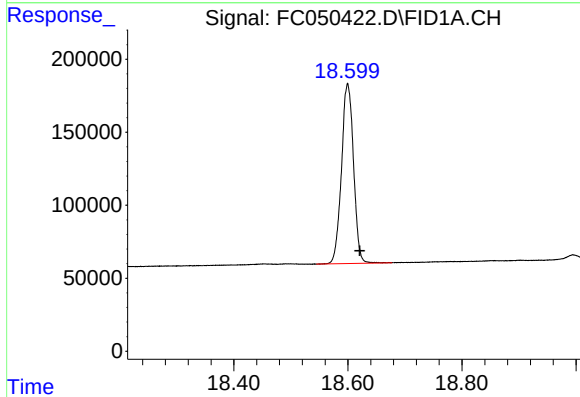
#16 n-Octacosane (C28)

R.T.: 16.881 min
Delta R.T.: -0.022 min
Response: 1906648
Conc: 18.42 ug/ml



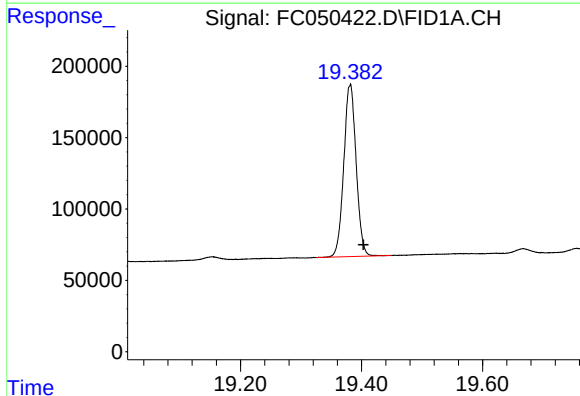
#17 n-Tricontane (C30)

R.T.: 17.769 min
Delta R.T.: -0.022 min
Response: 1880667
Conc: 18.43 ug/ml



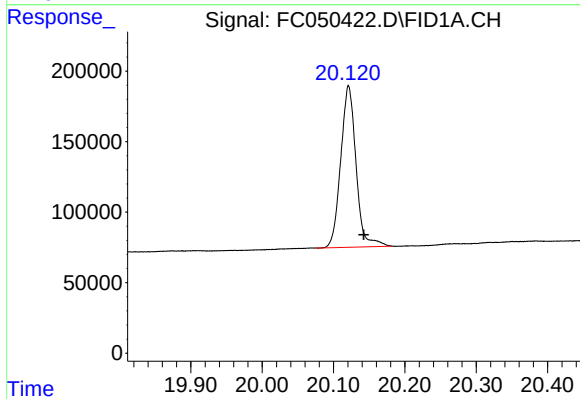
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: -0.022 min
Response: 1803528
Conc: 18.77 ug/ml m



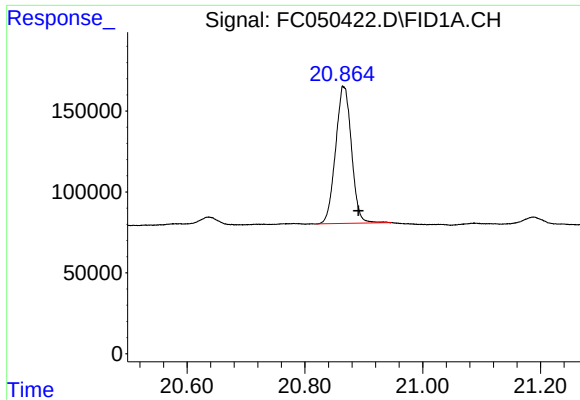
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.021 min
Response: 1710298
Conc: 18.65 ug/ml m



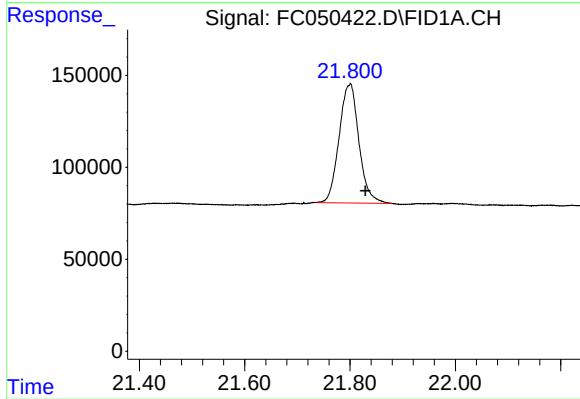
#20 n-Hexatriacontane (C36)

R.T.: 20.120 min
Delta R.T.: -0.022 min
Response: 1707460
Conc: 19.28 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.864 min
Delta R.T.: -0.027 min
Response: 1583962
Conc: 19.21 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.800 min
Delta R.T.: -0.029 min
Response: 1688110
Conc: 20.19 ug/ml m