

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112520AL\
 Data File : FD035678.D
 Signal(s) : FID2B.CH
 Acq On : 25 Nov 2020 14:04
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 26 01:52:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 11:48:08 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)	11.526	2264467	17.408 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
12) S 1-chlorooctadecane (S...	12.959	1765750	16.943 ug/ml
Spiked Amount 50.000		Recovery =	33.89%
Target Compounds			
1) T n-Nonane (C9)	3.312	2023927	17.974 ug/ml
2) T n-Decane (C10)	4.377	2038804	18.042 ug/ml
3) T A~Naphthalene (C11.7)	5.961	2240767	18.323 ug/ml
4) T n-Dodecane (C12)	6.388	2088182	18.062 ug/ml
5) T A~2-methylnaphthalene...	7.014	2278462	18.210 ug/ml
6) T n-Tetradecane (C14)	8.177	2101845	18.251 ug/ml
7) T n-Hexadecane (C16)	9.773	2086254	18.258 ug/ml
8) T n-Octadecane (C18)	11.210	2169484	17.978 ug/ml
10) T n-Eicosane (C20)	12.515	2170328	17.698 ug/ml
11) T n-Heneicosane (C21)	13.125	2142187	17.424 ug/ml
13) T n-Docosane (C22)	13.709	2139515	17.351 ug/ml
14) T n-Tetracosane (C24)	14.808	2151556	17.391 ug/ml
15) T n-Hexacosane (C26)	15.825	2089867	16.979 ug/ml
16) T n-Octacosane (C28)	16.770	2084572	16.931 ug/ml
17) T n-Tricontane (C30)	17.654	2058500	17.033 ug/ml
18) T n-Dotriacontane (C32)	18.482	1946657	17.313 ug/ml
19) T n-Tetratriacontane (C34)	19.262	1836610	17.498 ug/ml
20) T n-Hexatriacontane (C36)	19.997	1771143	18.489 ug/mlm
21) T n-Octatriacontane (C38)	20.721	1699512	19.133 ug/ml
22) T n-Tetracontane (C40)	21.600	1655179	18.860 ug/ml

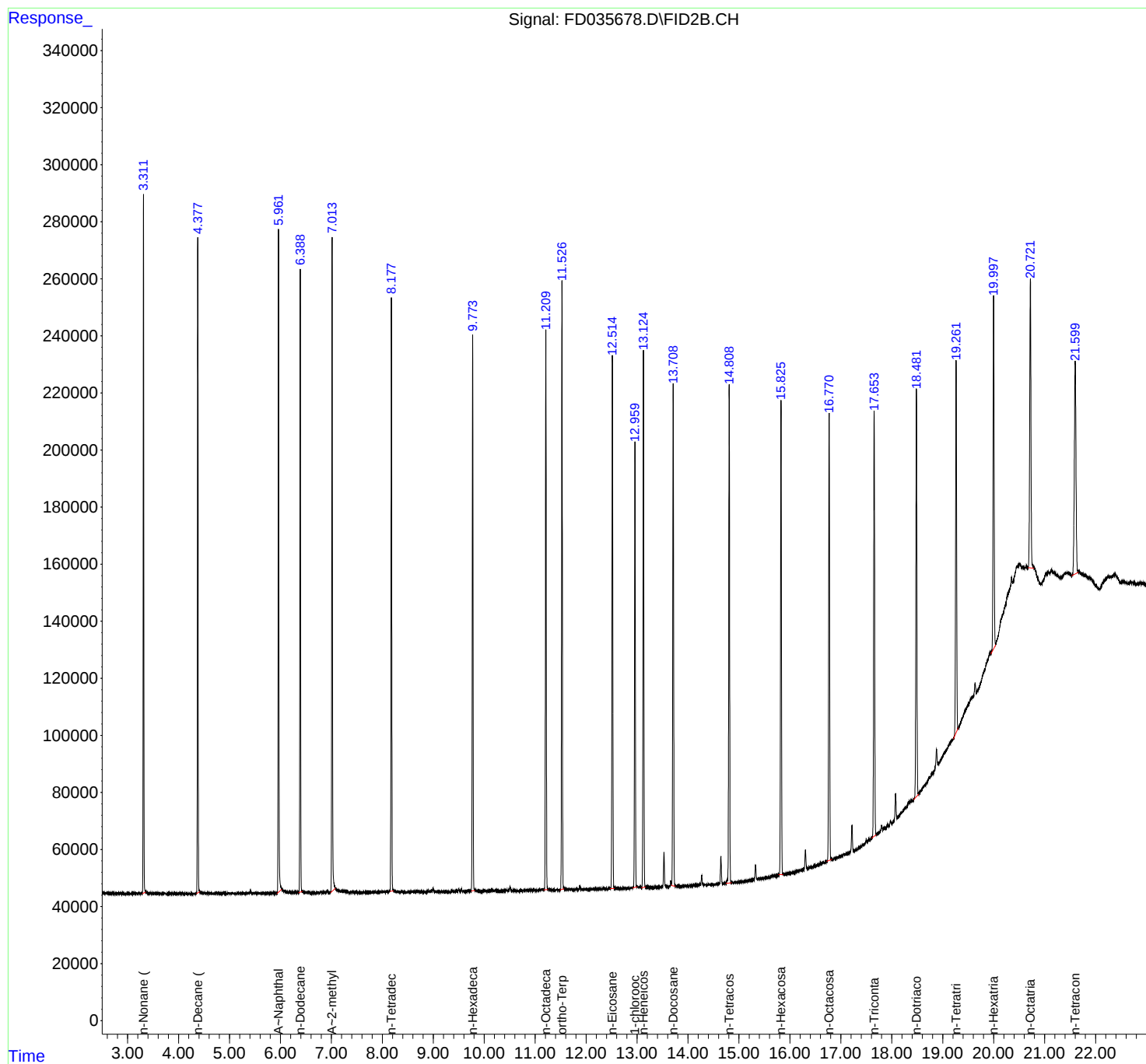
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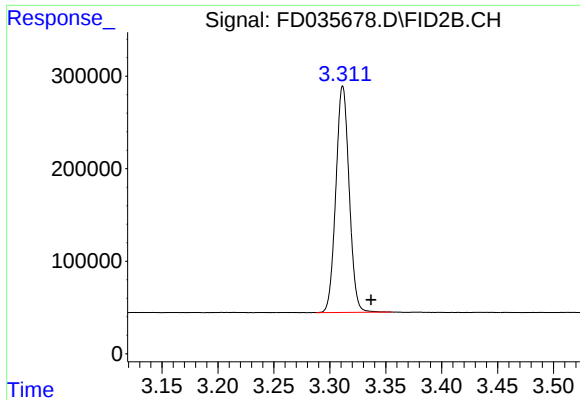
(m)=manual int.

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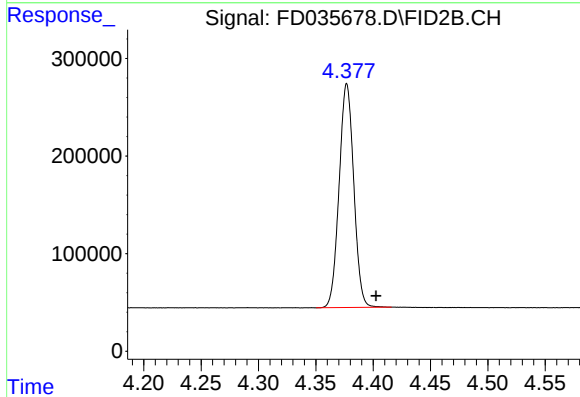
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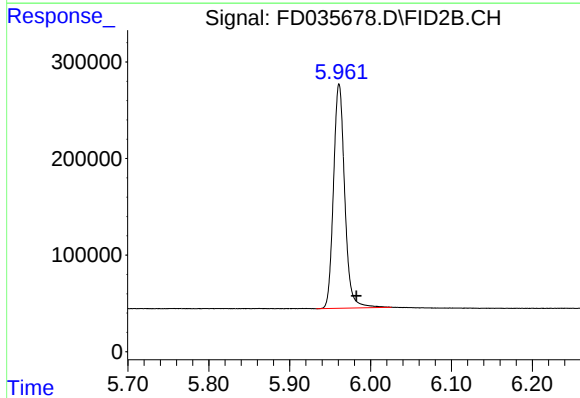
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.025 min
Response: 2023927
Conc: 17.97 ug/ml



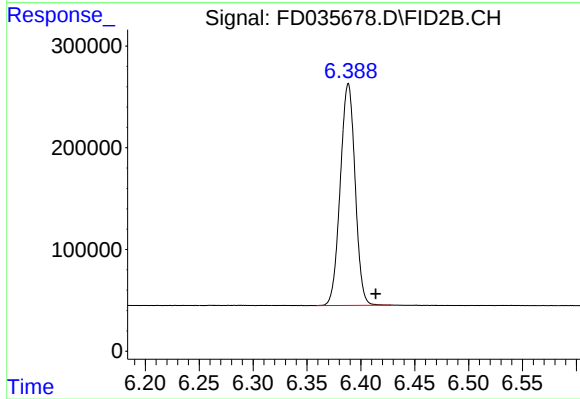
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.025 min
Response: 2038804
Conc: 18.04 ug/ml



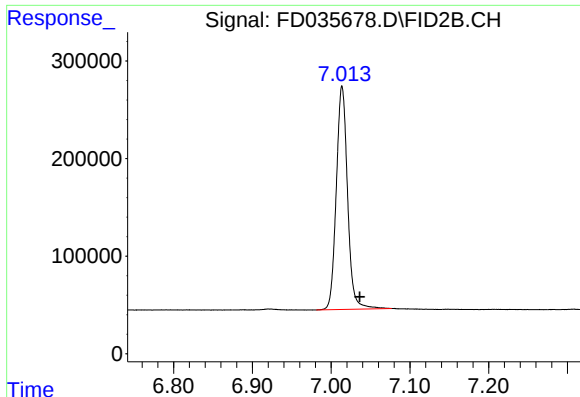
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.021 min
Response: 2240767
Conc: 18.32 ug/ml



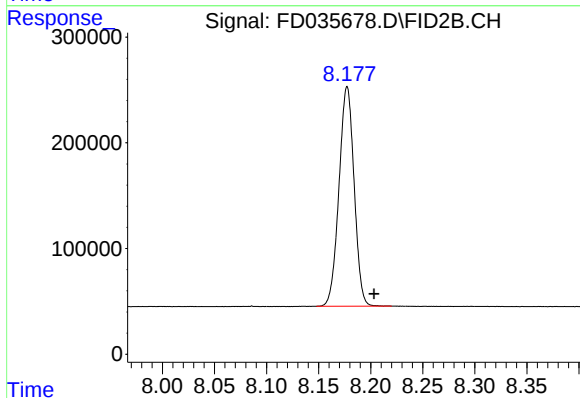
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.025 min
Response: 2088182
Conc: 18.06 ug/ml



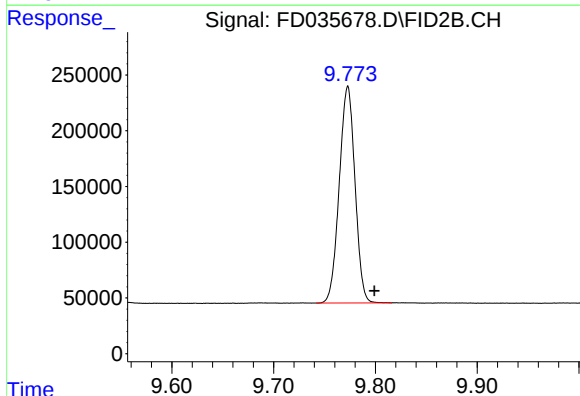
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: -0.023 min
Response: 2278462
Conc: 18.21 ug/ml



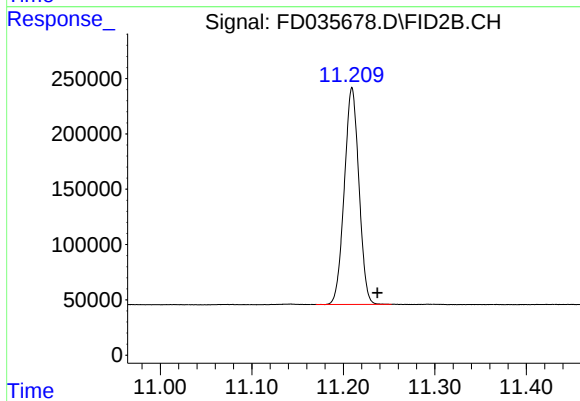
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.026 min
Response: 2101845
Conc: 18.25 ug/ml



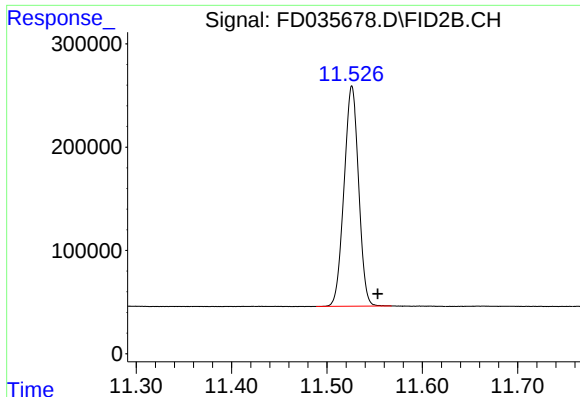
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.026 min
Response: 2086254
Conc: 18.26 ug/ml



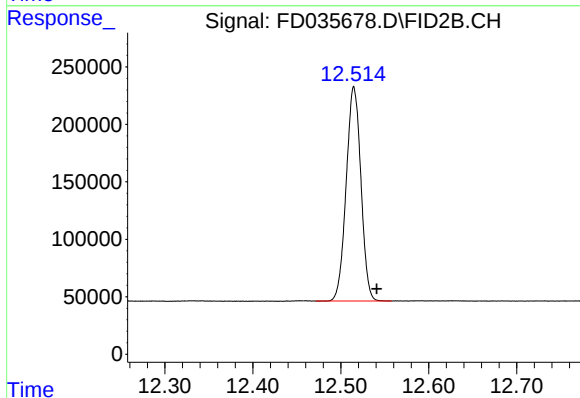
#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: -0.028 min
Response: 2169484
Conc: 17.98 ug/ml



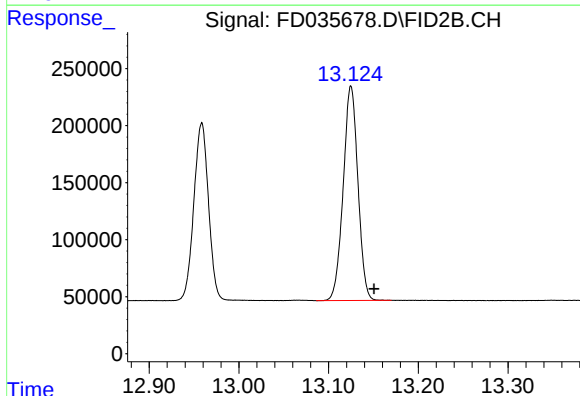
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: -0.027 min
Response: 2264467
Conc: 17.41 ug/ml



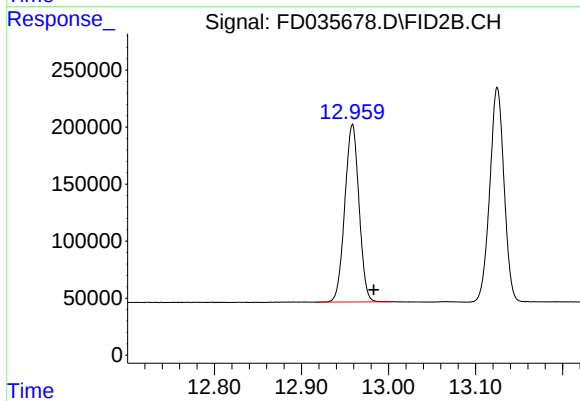
#10 n-Eicosane (C20)

R.T.: 12.515 min
Delta R.T.: -0.026 min
Response: 2170328
Conc: 17.70 ug/ml



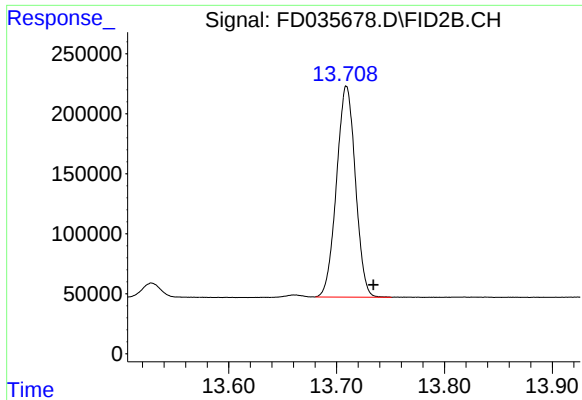
#11 n-Heneicosane (C21)

R.T.: 13.125 min
Delta R.T.: -0.026 min
Response: 2142187
Conc: 17.42 ug/ml



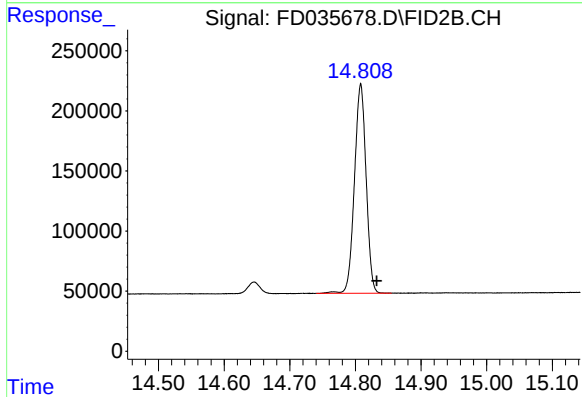
#12 1-chlorooctadecane (SURR)

R.T.: 12.959 min
Delta R.T.: -0.025 min
Response: 1765750
Conc: 16.94 ug/ml



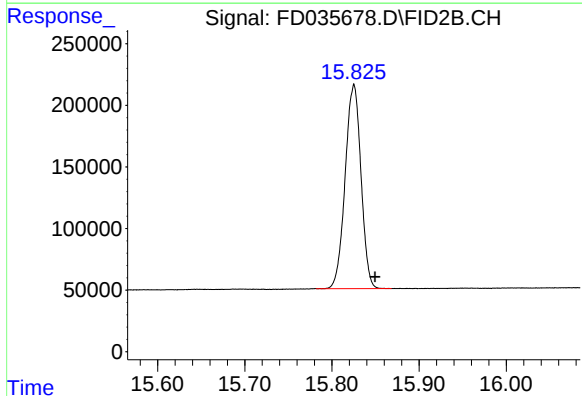
#13 n-Docosane (C22)

R.T.: 13.709 min
Delta R.T.: -0.025 min
Response: 2139515
Conc: 17.35 ug/ml



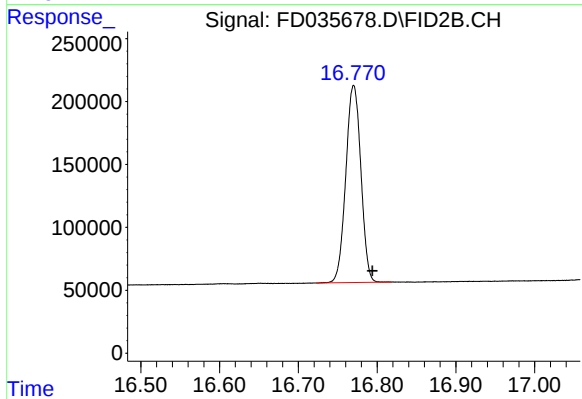
#14 n-Tetracosane (C24)

R.T.: 14.808 min
Delta R.T.: -0.024 min
Response: 2151556
Conc: 17.39 ug/ml



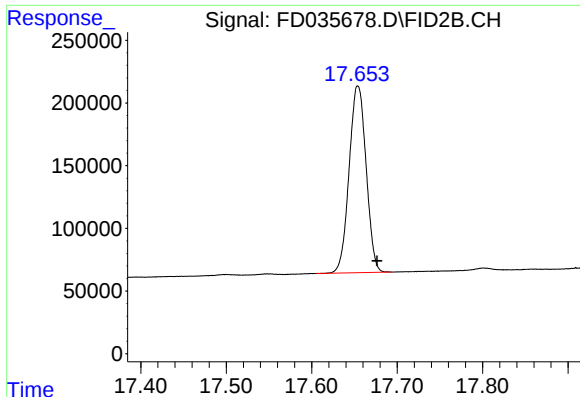
#15 n-Hexacosane (C26)

R.T.: 15.825 min
Delta R.T.: -0.024 min
Response: 2089867
Conc: 16.98 ug/ml



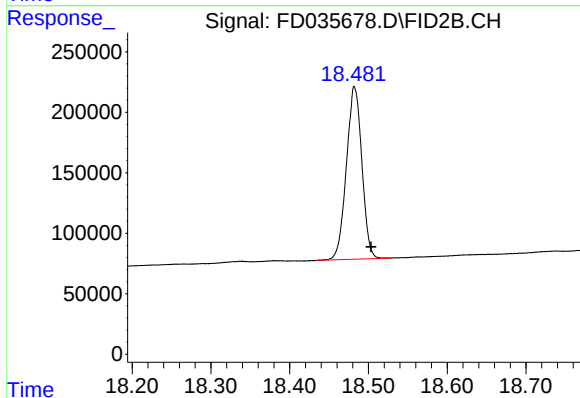
#16 n-Octacosane (C28)

R.T.: 16.770 min
Delta R.T.: -0.024 min
Response: 2084572
Conc: 16.93 ug/ml



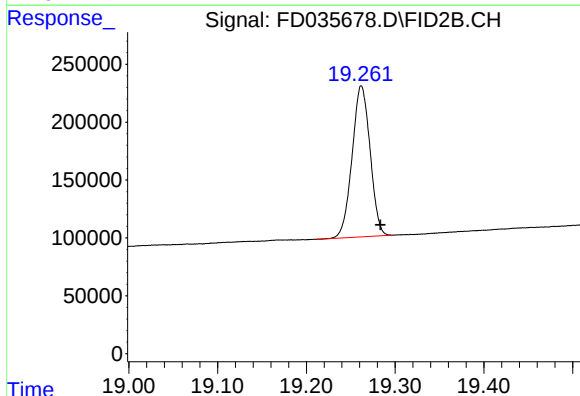
#17 n-Tricontane (C30)

R.T.: 17.654 min
Delta R.T.: -0.023 min
Response: 2058500
Conc: 17.03 ug/ml



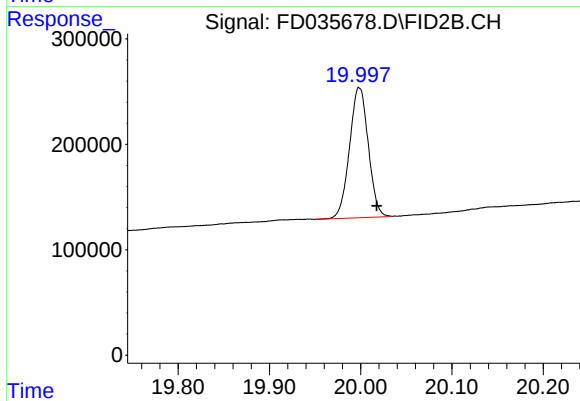
#18 n-Dotriacontane (C32)

R.T.: 18.482 min
Delta R.T.: -0.021 min
Response: 1946657
Conc: 17.31 ug/ml



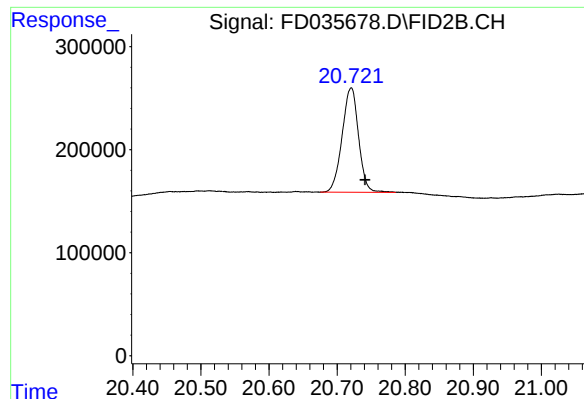
#19 n-Tetratriacontane (C34)

R.T.: 19.262 min
Delta R.T.: -0.021 min
Response: 1836610
Conc: 17.50 ug/ml



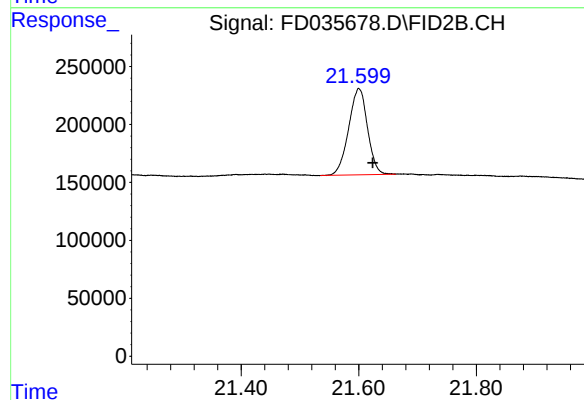
#20 n-Hexatriacontane (C36)

R.T.: 19.997 min
Delta R.T.: -0.020 min
Response: 1771143
Conc: 18.49 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: -0.020 min
Response: 1699512
Conc: 19.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.600 min
Delta R.T.: -0.024 min
Response: 1655179
Conc: 18.86 ug/ml