

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031822AL\
 Data File : FD041624.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2022 10:03
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 19 00:48:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 2022
 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)	11.231	3355054	19.342 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
12) S 1-chlorooctadecane (S...	12.670	2581864	19.071 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T n-Nonane (C9)	3.098	3006643	20.647 ug/ml
2) T n-Decane (C10)	4.142	2977967	20.624 ug/ml
3) T A~Naphthalene (C11.7)	5.693	3218372	20.147 ug/ml
4) T n-Dodecane (C12)	6.138	3076917	20.775 ug/ml
5) T A~2-methylnaphthalene...	6.739	3213280	20.079 ug/ml
6) T n-Tetradecane (C14)	7.915	3094459	20.670 ug/ml
7) T n-Hexadecane (C16)	9.502	3107705	20.414 ug/ml
8) T n-Octadecane (C18)	10.933	3117907	20.060 ug/ml
10) T n-Eicosane (C20)	12.233	3066642	19.754 ug/ml
11) T n-Heneicosane (C21)	12.841	3039164	19.409 ug/ml
13) T n-Docosane (C22)	13.423	3076671	19.645 ug/ml
14) T n-Tetracosane (C24)	14.519	3085976	19.674 ug/ml
15) T n-Hexacosane (C26)	15.534	3042411	19.802 ug/ml
16) T n-Octacosane (C28)	16.479	3049965	20.493 ug/ml
17) T n-Tricontane (C30)	17.360	3008375	21.381 ug/ml
18) T n-Dotriacontane (C32)	18.188	2818773	22.156 ug/ml
19) T n-Tetratriacontane (C34)	18.968	2548258	22.373 ug/ml
20) T n-Hexatriacontane (C36)	19.704	2308885	22.527 ug/ml
21) T n-Octatriacontane (C38)	20.398	2212250	23.301 ug/mlm
22) T n-Tetracontane (C40)	21.181	2171062	22.908 ug/ml

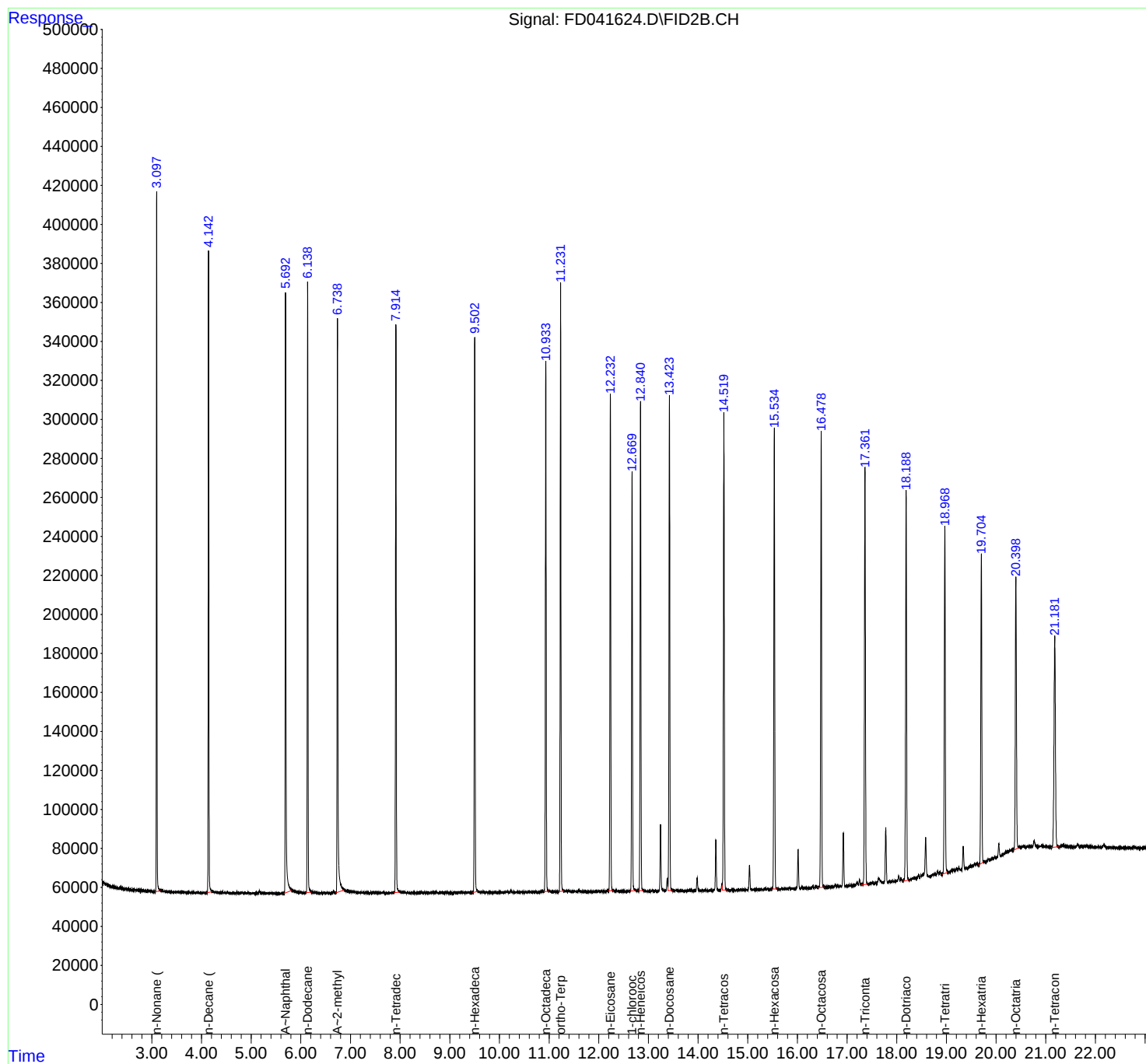
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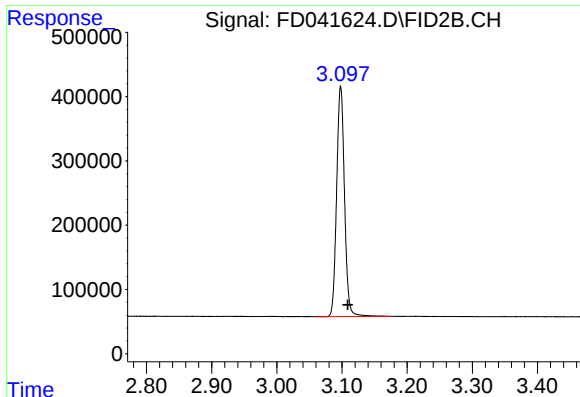
(m)=manual int.

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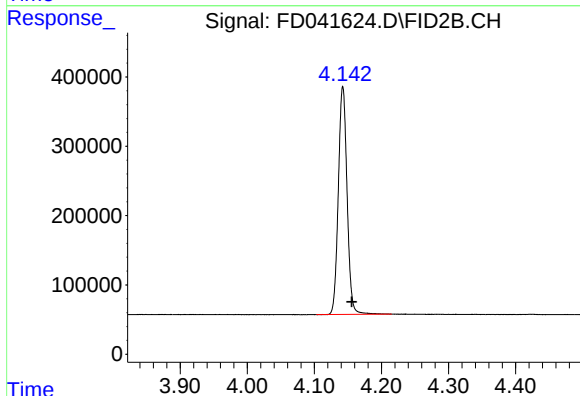
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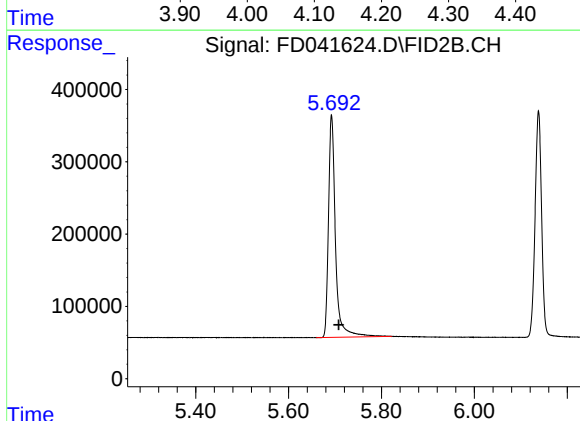
#1 n-Nonane (C9)

R.T.: 3.098 min
Delta R.T.: -0.011 min
Response: 3006643
Conc: 20.65 ug/ml



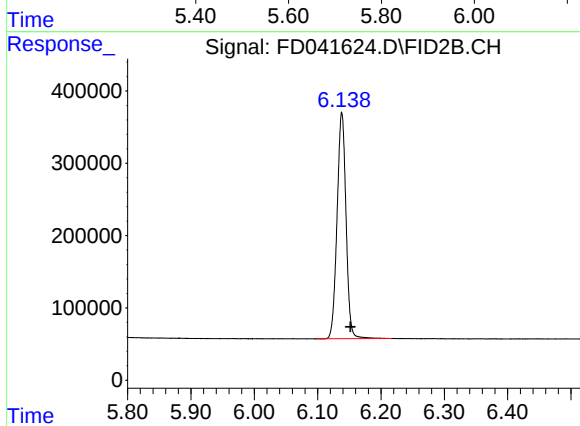
#2 n-Decane (C10)

R.T.: 4.142 min
Delta R.T.: -0.013 min
Response: 2977967
Conc: 20.62 ug/ml



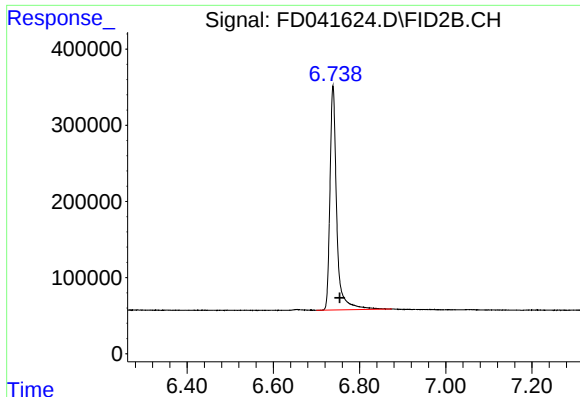
#3 A~Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: -0.015 min
Response: 3218372
Conc: 20.15 ug/ml



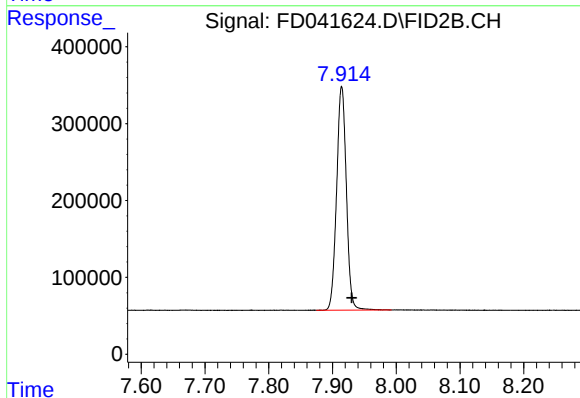
#4 n-Dodecane (C12)

R.T.: 6.138 min
Delta R.T.: -0.013 min
Response: 3076917
Conc: 20.78 ug/ml



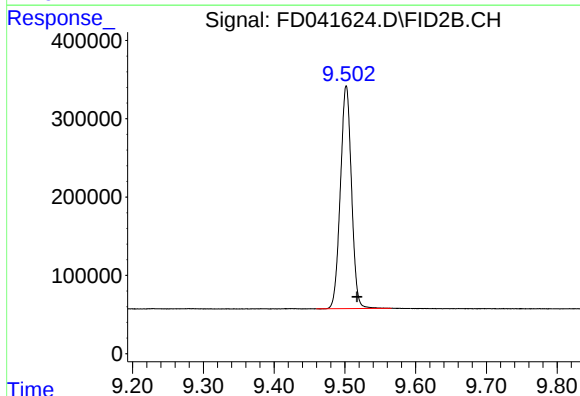
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.015 min
Response: 3213280
Conc: 20.08 ug/ml



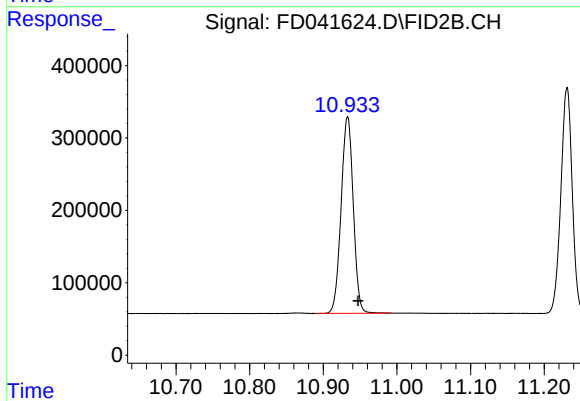
#6 n-Tetradecane (C14)

R.T.: 7.915 min
Delta R.T.: -0.016 min
Response: 3094459
Conc: 20.67 ug/ml



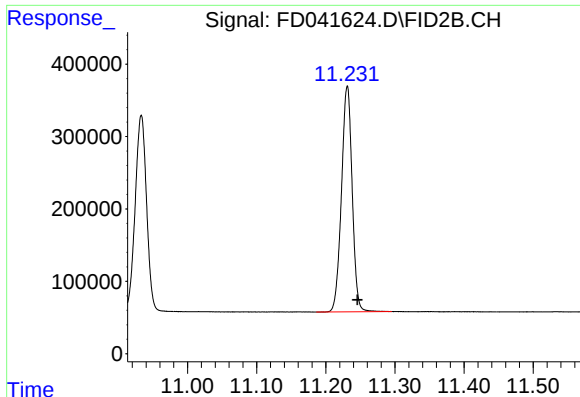
#7 n-Hexadecane (C16)

R.T.: 9.502 min
Delta R.T.: -0.015 min
Response: 3107705
Conc: 20.41 ug/ml



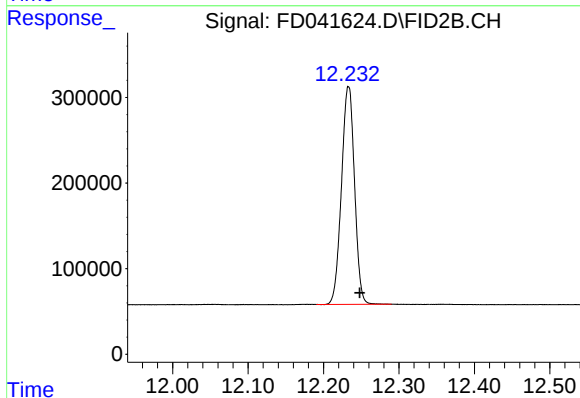
#8 n-Octadecane (C18)

R.T.: 10.933 min
Delta R.T.: -0.014 min
Response: 3117907
Conc: 20.06 ug/ml



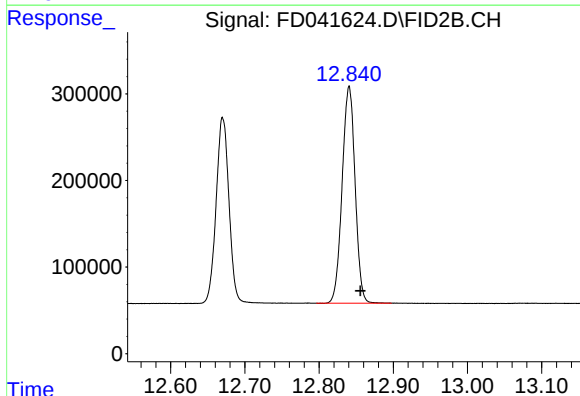
#9 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: -0.015 min
Response: 3355054
Conc: 19.34 ug/ml



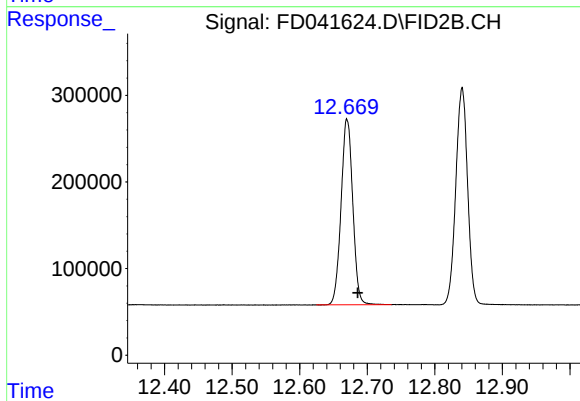
#10 n-Eicosane (C20)

R.T.: 12.233 min
Delta R.T.: -0.015 min
Response: 3066642
Conc: 19.75 ug/ml



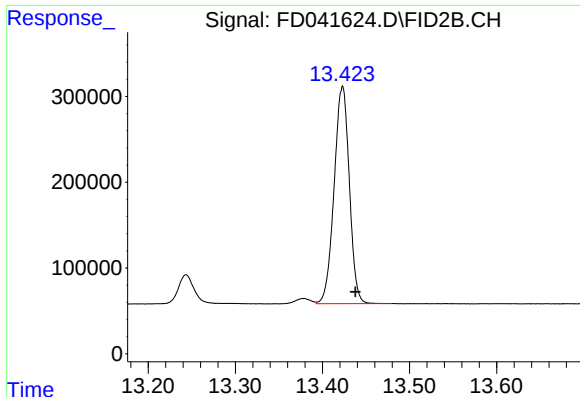
#11 n-Heneicosane (C21)

R.T.: 12.841 min
Delta R.T.: -0.015 min
Response: 3039164
Conc: 19.41 ug/ml



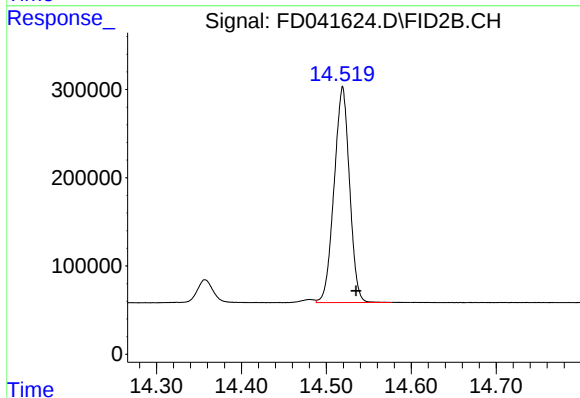
#12 1-chlorooctadecane (SURR)

R.T.: 12.670 min
Delta R.T.: -0.016 min
Response: 2581864
Conc: 19.07 ug/ml



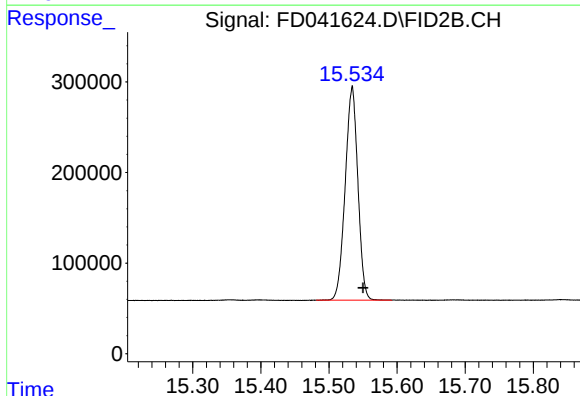
#13 n-Docosane (C22)

R.T.: 13.423 min
Delta R.T.: -0.015 min
Response: 3076671
Conc: 19.65 ug/ml



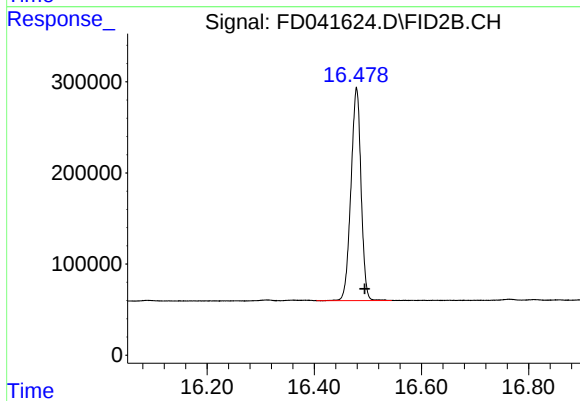
#14 n-Tetracosane (C24)

R.T.: 14.519 min
Delta R.T.: -0.016 min
Response: 3085976
Conc: 19.67 ug/ml



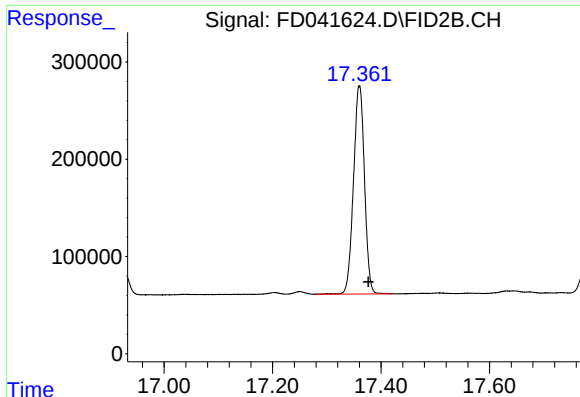
#15 n-Hexacosane (C26)

R.T.: 15.534 min
Delta R.T.: -0.016 min
Response: 3042411
Conc: 19.80 ug/ml



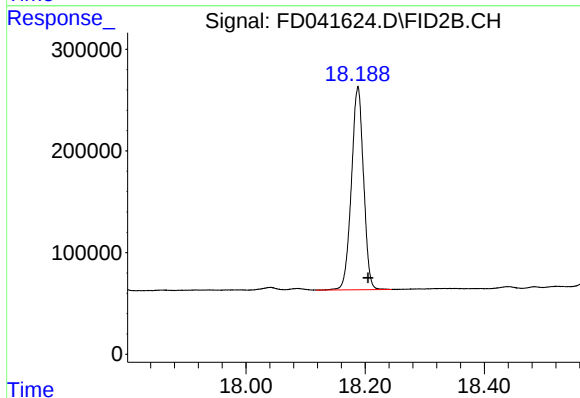
#16 n-Octacosane (C28)

R.T.: 16.479 min
Delta R.T.: -0.015 min
Response: 3049965
Conc: 20.49 ug/ml



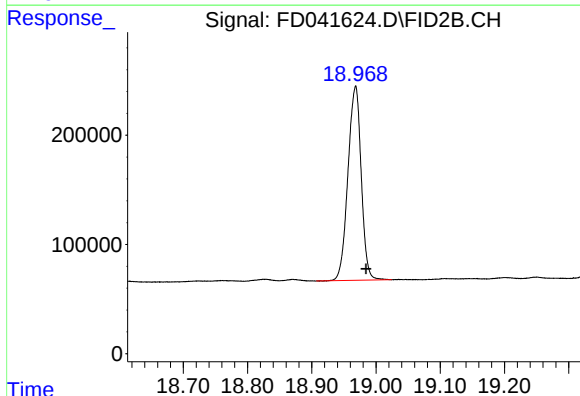
#17 n-Tricontane (C30)

R.T.: 17.360 min
Delta R.T.: -0.016 min
Response: 3008375
Conc: 21.38 ug/ml



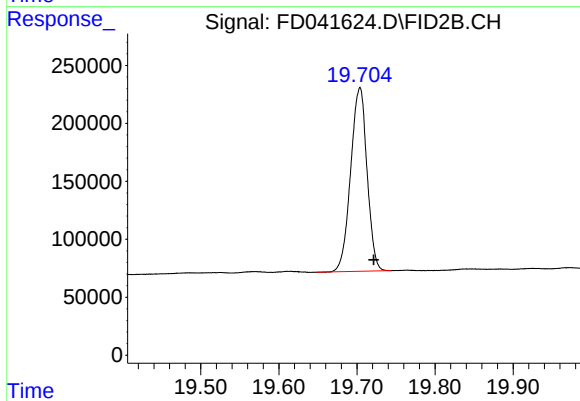
#18 n-Dotriacontane (C32)

R.T.: 18.188 min
Delta R.T.: -0.017 min
Response: 2818773
Conc: 22.16 ug/ml



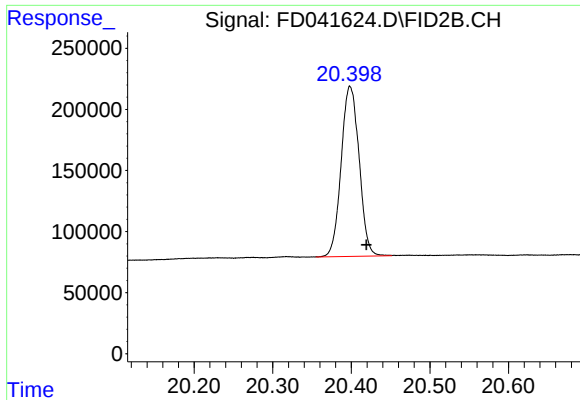
#19 n-Tetratriacontane (C34)

R.T.: 18.968 min
Delta R.T.: -0.017 min
Response: 2548258
Conc: 22.37 ug/ml



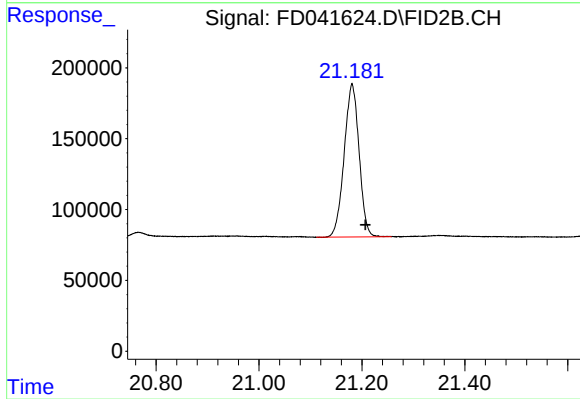
#20 n-Hexatriacontane (C36)

R.T.: 19.704 min
Delta R.T.: -0.018 min
Response: 2308885
Conc: 22.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.398 min
Delta R.T.: -0.022 min
Response: 2212250
Conc: 23.30 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.181 min
Delta R.T.: -0.026 min
Response: 2171062
Conc: 22.91 ug/ml