

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041822AL\
 Data File : FD041969.D
 Signal(s) : FID2B.CH
 Acq On : 18 Apr 2022 12:04
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Apr 19 04:32:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.210	3635707	20.502 ug/ml
Spiked Amount 50.000		Recovery =	41.00%
12) S 1-chlorooctadecane (S...	12.649	2778592	20.066 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
Target Compounds			
1) T n-Nonane (C9)	3.081	3271021	22.237 ug/ml
2) T n-Decane (C10)	4.126	3265973	22.366 ug/ml
3) T A~Naphthalene (C11.7)	5.677	3401032	21.773 ug/ml
4) T n-Dodecane (C12)	6.121	3423490	22.727 ug/ml
5) T A~2-methylnaphthalene...	6.723	3351552	21.546 ug/ml
6) T n-Tetradecane (C14)	7.897	3430710	22.523 ug/ml
7) T n-Hexadecane (C16)	9.484	3453490	22.397 ug/ml
8) T n-Octadecane (C18)	10.913	3454218	21.924 ug/ml
10) T n-Eicosane (C20)	12.211	3389117	21.424 ug/ml
11) T n-Heneicosane (C21)	12.818	3320493	20.735 ug/ml
13) T n-Docosane (C22)	13.401	3395150	21.139 ug/ml
14) T n-Tetracosane (C24)	14.497	3441982	21.293 ug/ml
15) T n-Hexacosane (C26)	15.510	3430293	21.238 ug/ml
16) T n-Octacosane (C28)	16.455	3529779	21.928 ug/ml
17) T n-Tricontane (C30)	17.336	3561565	22.600 ug/ml
18) T n-Dotriacontane (C32)	18.163	3334722	22.472 ug/ml
19) T n-Tetratriacontane (C34)	18.941	3006893	22.442 ug/ml
20) T n-Hexatriacontane (C36)	19.677	2600671	21.719 ug/ml
21) T n-Octatriacontane (C38)	20.374	2398661	21.672 ug/ml
22) T n-Tetracontane (C40)	21.145	2312699	21.481 ug/ml

(f)=RT Delta > 1/2 Window

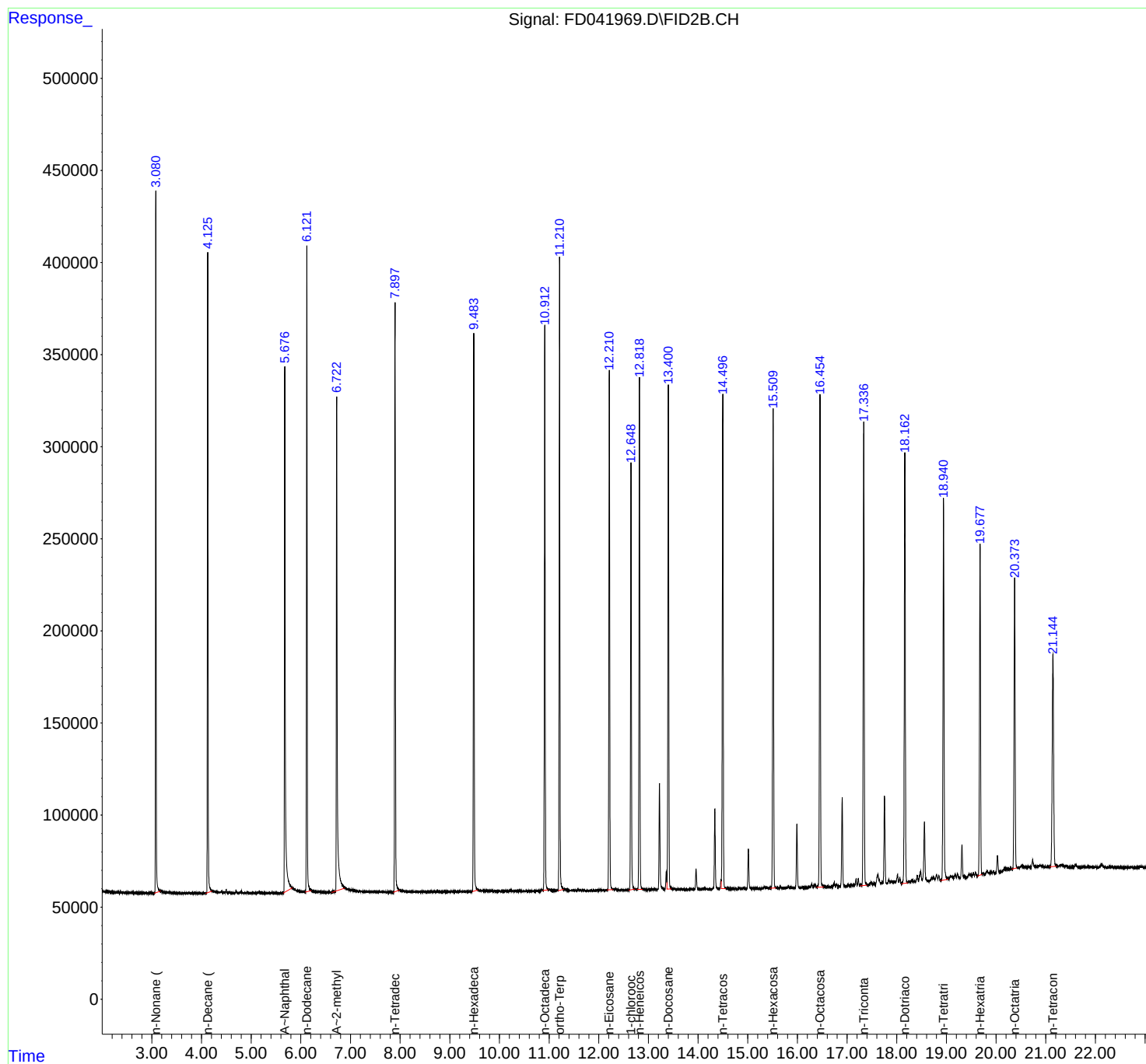
(m)=manual int.

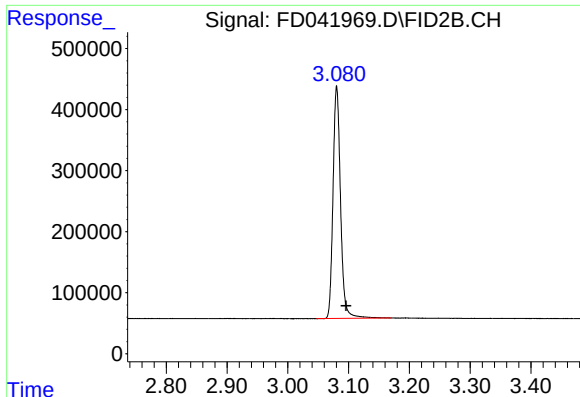
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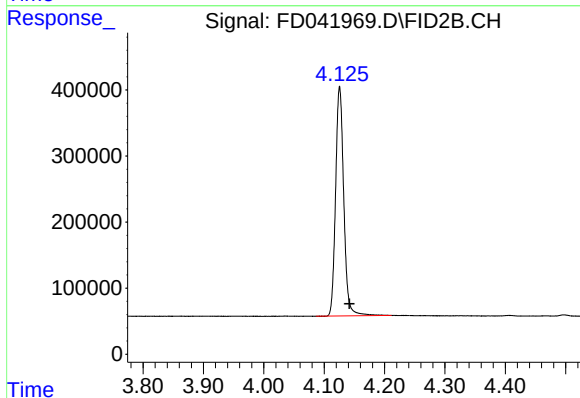




#1 n-Nonane (C9)

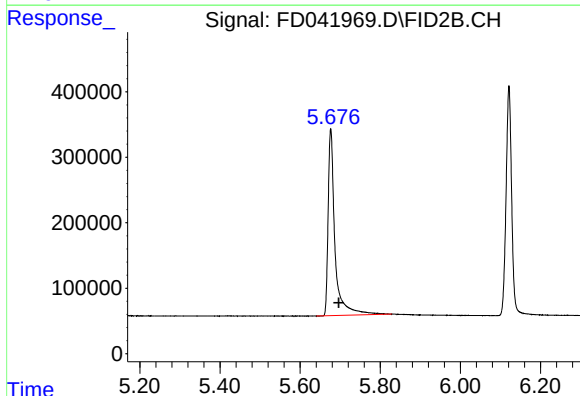
R.T.: 3.081 min
Delta R.T.: -0.015 min
Response: 3271021
Conc: 22.24 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



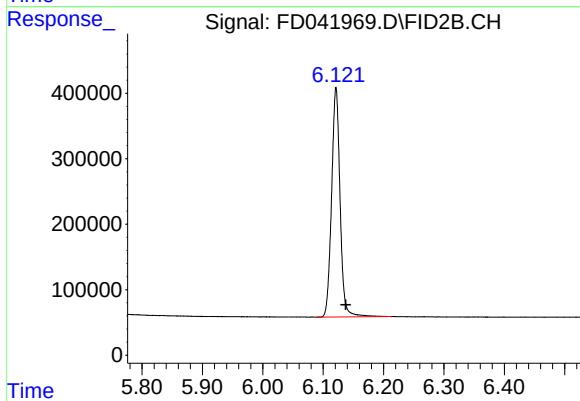
#2 n-Decane (C10)

R.T.: 4.126 min
Delta R.T.: -0.016 min
Response: 3265973
Conc: 22.37 ug/ml



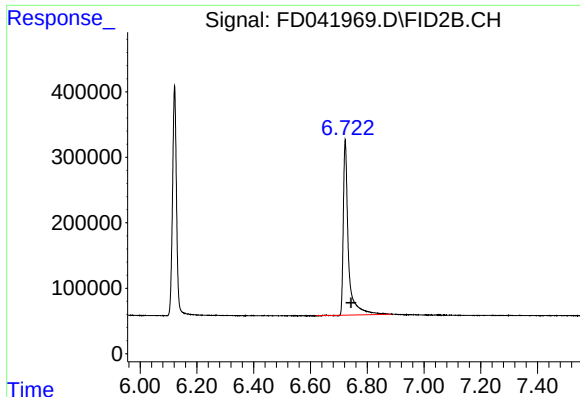
#3 A~Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.020 min
Response: 3401032
Conc: 21.77 ug/ml



#4 n-Dodecane (C12)

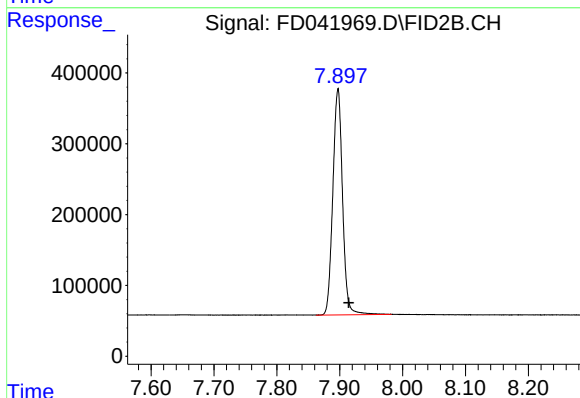
R.T.: 6.121 min
Delta R.T.: -0.016 min
Response: 3423490
Conc: 22.73 ug/ml



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

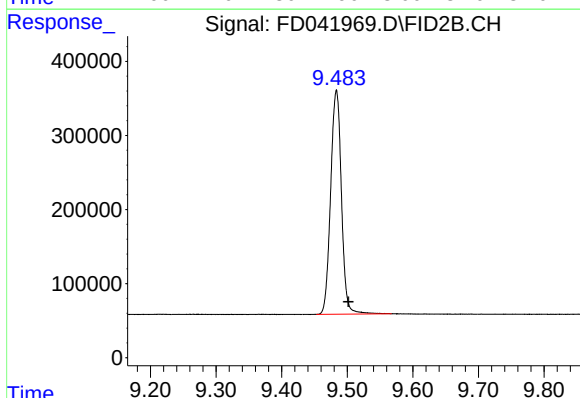
R.T.: 6.723 min
Delta R.T.: -0.021 min
Response: 3351552
Conc: 21.55 ug/ml

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20 PPM ALIPHATIC HC STD



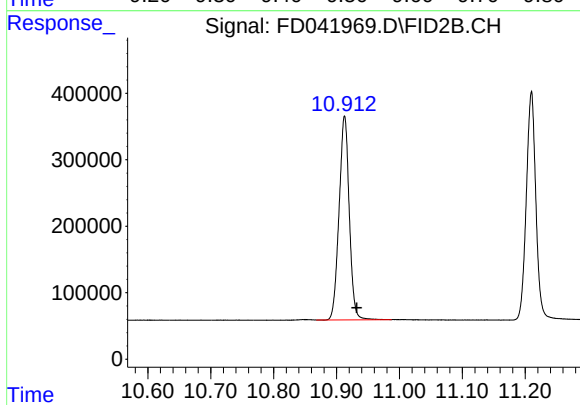
#6 n-Tetradecane (C14)

R.T.: 7.897 min
Delta R.T.: -0.017 min
Response: 3430710
Conc: 22.52 ug/ml



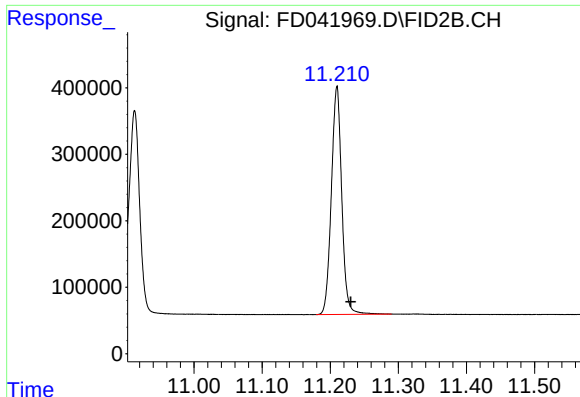
#7 n-Hexadecane (C16)

R.T.: 9.484 min
Delta R.T.: -0.018 min
Response: 3453490
Conc: 22.40 ug/ml



#8 n-Octadecane (C18)

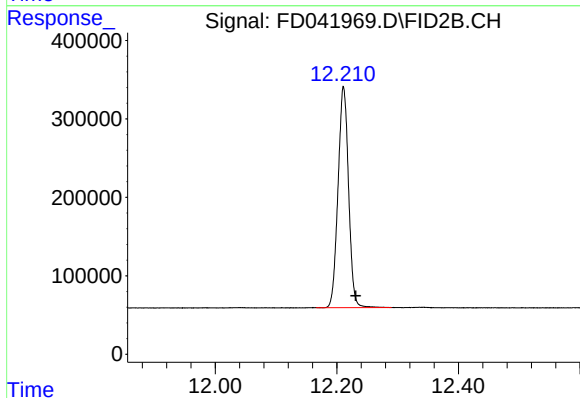
R.T.: 10.913 min
Delta R.T.: -0.019 min
Response: 3454218
Conc: 21.92 ug/ml



#9 ortho-Terphenyl (SURR)

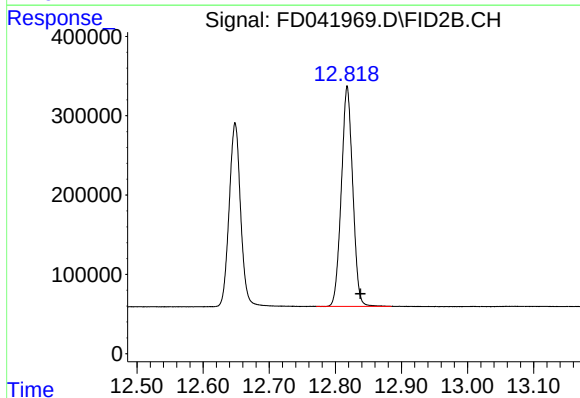
R.T.: 11.210 min
Delta R.T.: -0.020 min
Response: 3635707
Conc: 20.50 ug/ml

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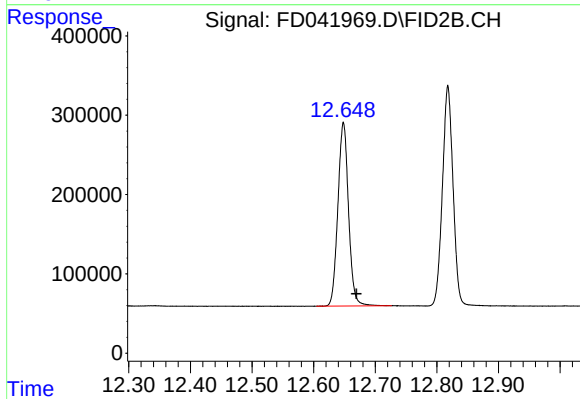
#10 n-Eicosane (C20)

R.T.: 12.211 min
Delta R.T.: -0.020 min
Response: 3389117
Conc: 21.42 ug/ml



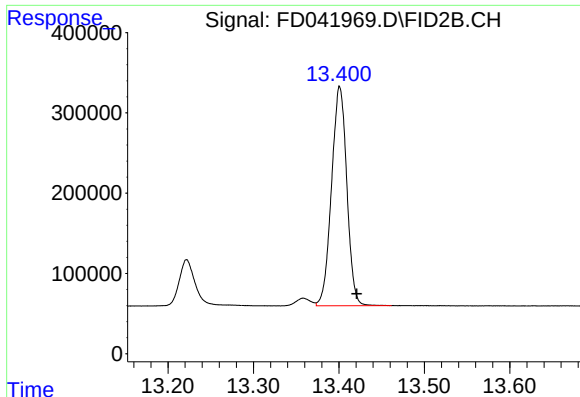
#11 n-Heneicosane (C21)

R.T.: 12.818 min
Delta R.T.: -0.020 min
Response: 3320493
Conc: 20.74 ug/ml



#12 1-chlorooctadecane (SURR)

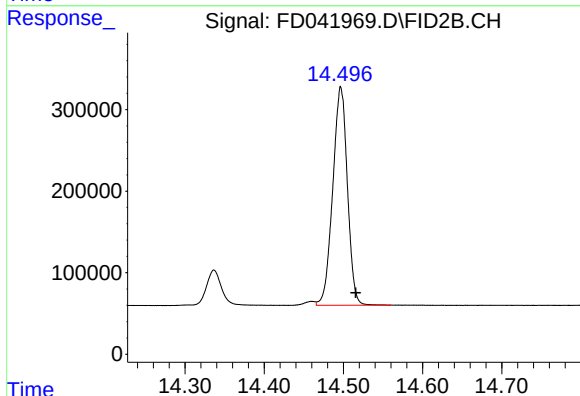
R.T.: 12.649 min
Delta R.T.: -0.021 min
Response: 2778592
Conc: 20.07 ug/ml



#13 n-Docosane (C22)

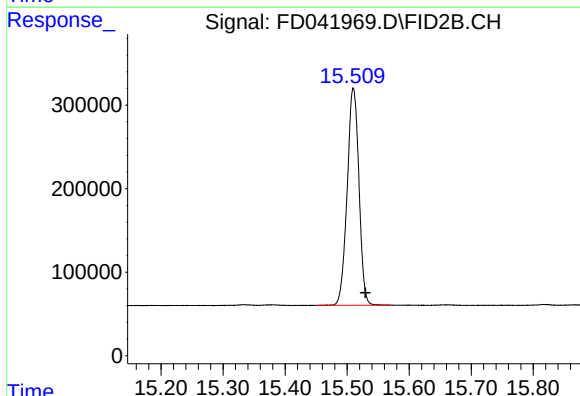
R.T.: 13.401 min
Delta R.T.: -0.020 min
Response: 3395150
Conc: 21.14 ug/ml

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20 PPM ALIPHATIC HC STD



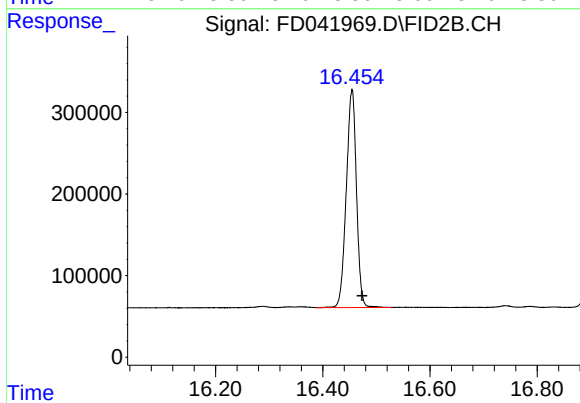
#14 n-Tetracosane (C24)

R.T.: 14.497 min
Delta R.T.: -0.019 min
Response: 3441982
Conc: 21.29 ug/ml



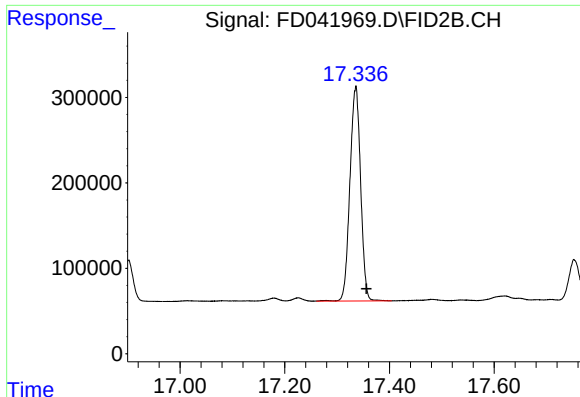
#15 n-Hexacosane (C26)

R.T.: 15.510 min
Delta R.T.: -0.019 min
Response: 3430293
Conc: 21.24 ug/ml



#16 n-Octacosane (C28)

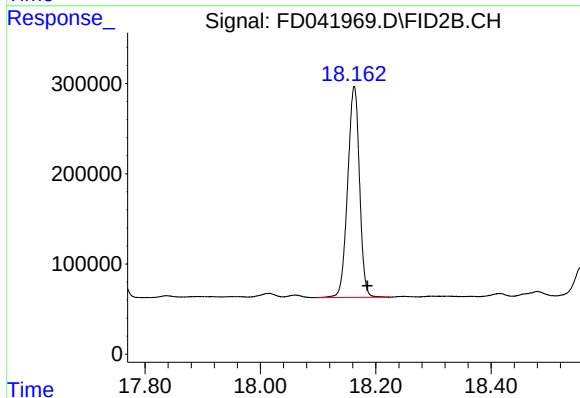
R.T.: 16.455 min
Delta R.T.: -0.019 min
Response: 3529779
Conc: 21.93 ug/ml



#17 n-Tricontane (C30)

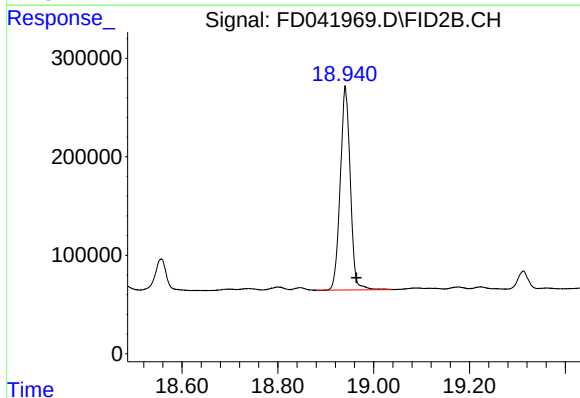
R.T.: 17.336 min
Delta R.T.: -0.020 min
Response: 3561565
Conc: 22.60 ug/ml

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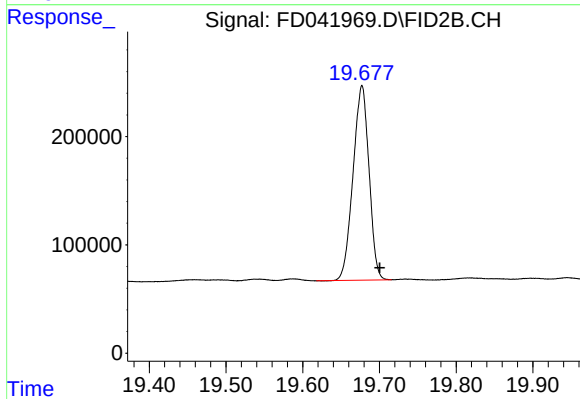
#18 n-Dotriacontane (C32)

R.T.: 18.163 min
Delta R.T.: -0.023 min
Response: 3334722
Conc: 22.47 ug/ml



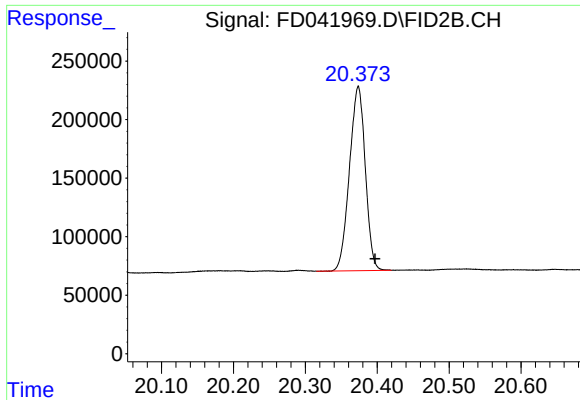
#19 n-Tetratriacontane (C34)

R.T.: 18.941 min
Delta R.T.: -0.023 min
Response: 3006893
Conc: 22.44 ug/ml



#20 n-Hexatriacontane (C36)

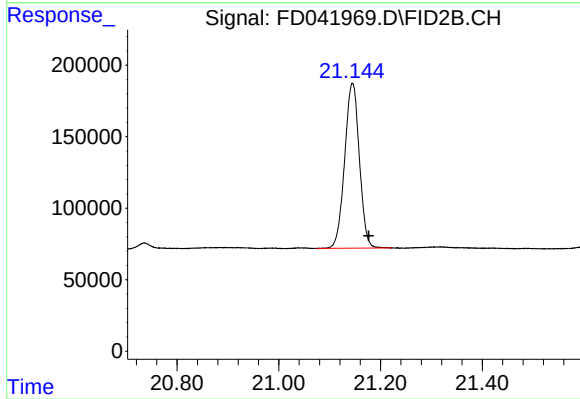
R.T.: 19.677 min
Delta R.T.: -0.023 min
Response: 2600671
Conc: 21.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.374 min
Delta R.T.: -0.023 min
Response: 2398661
Conc: 21.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.145 min
Delta R.T.: -0.032 min
Response: 2312699
Conc: 21.48 ug/ml