

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AL\
 Data File : FD042449.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2022 14:45
 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: autoint1.e
 Quant Time: May 13 16:01:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.203	3203073	19.099 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
12) S 1-chlorooctadecane (S...	12.642	2490957	18.877 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
Target Compounds			
1) T n-Nonane (C9)	3.081	2856585	20.958 ug/ml
2) T n-Decane (C10)	4.123	2845605	21.234 ug/ml
3) T A~Naphthalene (C11.7)	5.674	2956588	20.397 ug/ml
4) T n-Dodecane (C12)	6.116	2969962	20.862 ug/ml
5) T A~2-methylnaphthalene...	6.719	2945662	21.138 ug/ml
6) T n-Tetradecane (C14)	7.891	2977765	20.905 ug/ml
7) T n-Hexadecane (C16)	9.476	2998225	20.632 ug/ml
8) T n-Octadecane (C18)	10.906	3002253	20.032 ug/ml
10) T n-Eicosane (C20)	12.204	2940050	19.208 ug/ml
11) T n-Heneicosane (C21)	12.812	2919564	18.938 ug/ml
13) T n-Docosane (C22)	13.394	2863762	18.578 ug/ml
14) T n-Tetracosane (C24)	14.488	2752036	17.795 ug/ml
15) T n-Hexacosane (C26)	15.502	2656827	17.273 ug/ml
16) T n-Octacosane (C28)	16.445	2570744	16.814 ug/ml
17) T n-Tricontane (C30)	17.328	2504846	16.699 ug/ml
18) T n-Dotriacontane (C32)	18.154	2394487	16.934 ug/ml
19) T n-Tetratriacontane (C34)	18.933	2273966	17.670 ug/ml
20) T n-Hexatriacontane (C36)	19.669	2165363	19.135 ug/ml
21) T n-Octatriacontane (C38)	20.365	2094128	20.988 ug/ml
22) T n-Tetracontane (C40)	21.137	2007052	22.251 ug/ml

(f)=RT Delta > 1/2 Window

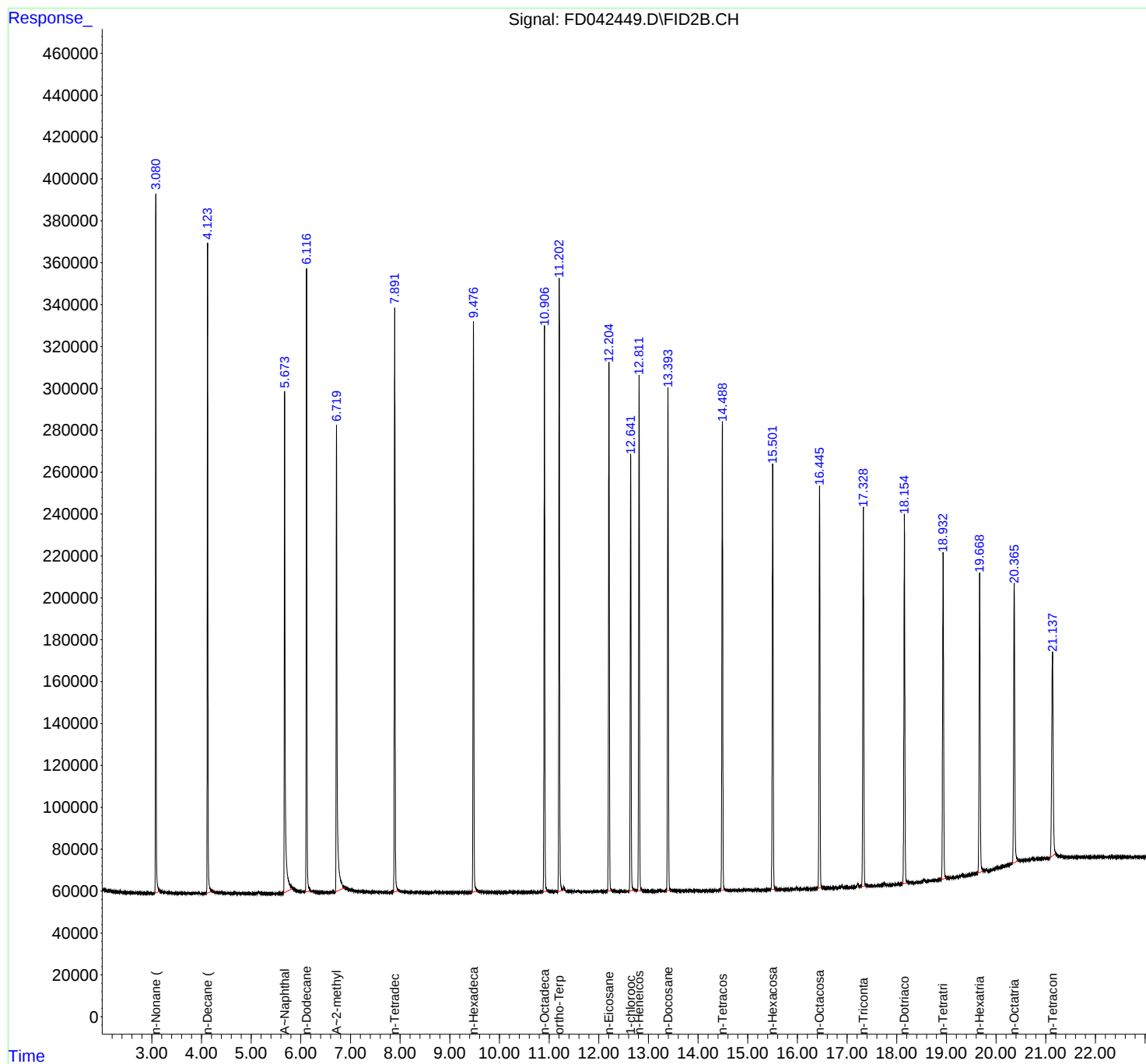
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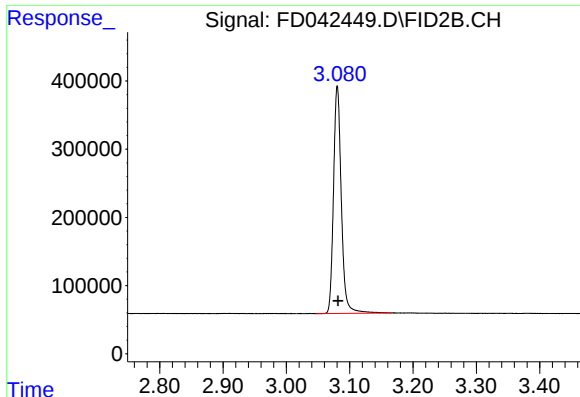
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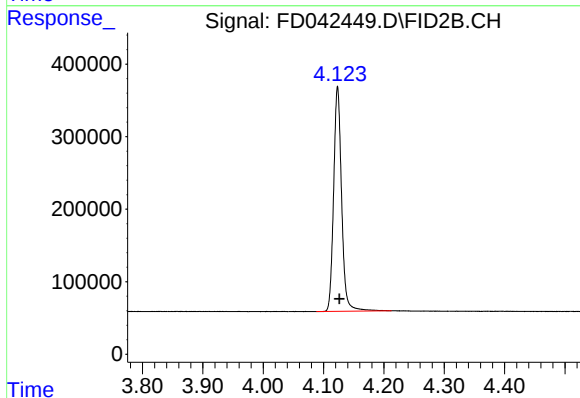




#1 n-Nonane (C9)

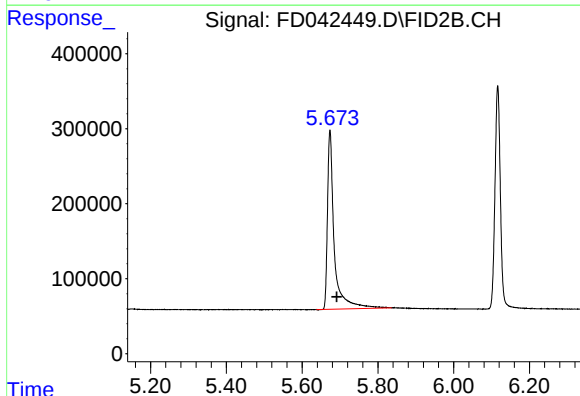
R.T.: 3.081 min
Delta R.T.: -0.001 min
Response: 2856585
Conc: 20.96 ug/ml

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20 PPM ALIPHATIC HC STD



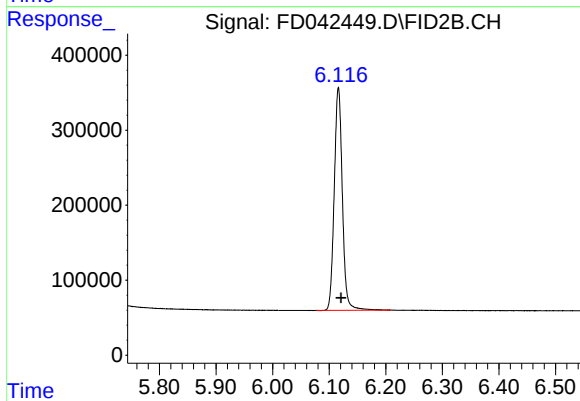
#2 n-Decane (C10)

R.T.: 4.123 min
Delta R.T.: -0.003 min
Response: 2845605
Conc: 21.23 ug/ml



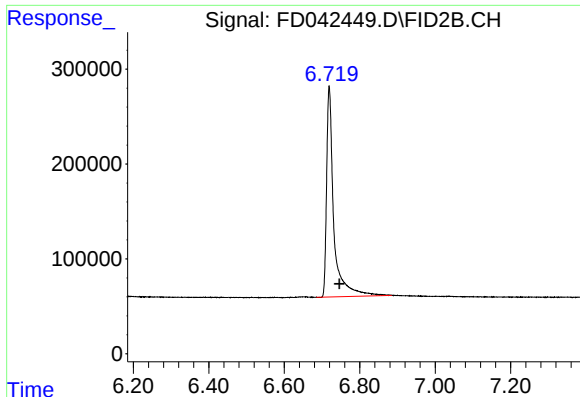
#3 A~Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.018 min
Response: 2956588
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

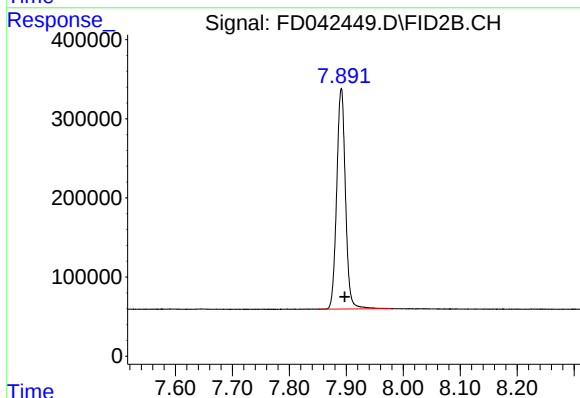
R.T.: 6.116 min
Delta R.T.: -0.005 min
Response: 2969962
Conc: 20.86 ug/ml



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

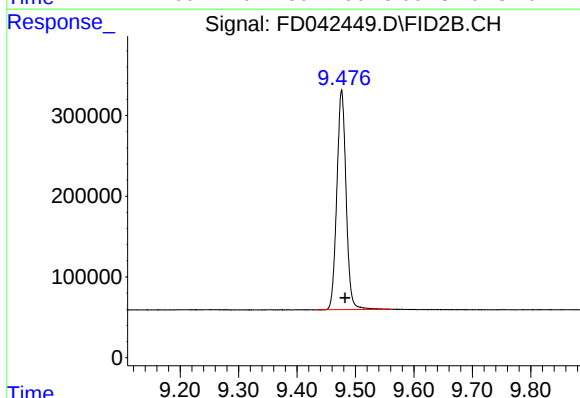
R.T.: 6.719 min
Delta R.T.: -0.027 min
Response: 2945662
Conc: 21.14 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



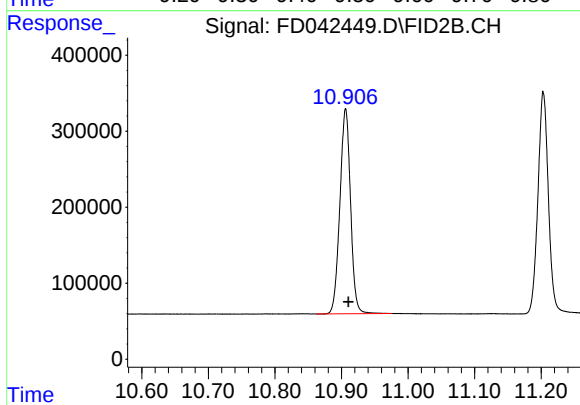
#6 n-Tetradecane (C14)

R.T.: 7.891 min
Delta R.T.: -0.006 min
Response: 2977765
Conc: 20.90 ug/ml



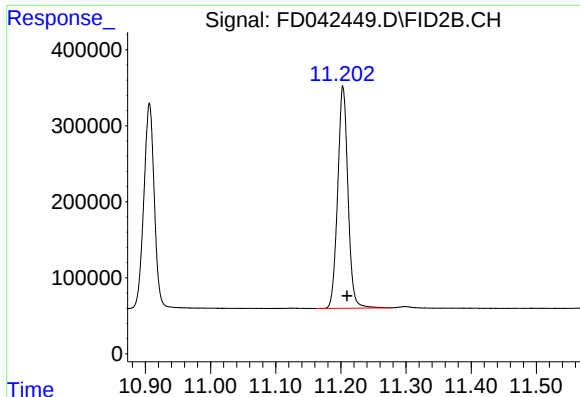
#7 n-Hexadecane (C16)

R.T.: 9.476 min
Delta R.T.: -0.006 min
Response: 2998225
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

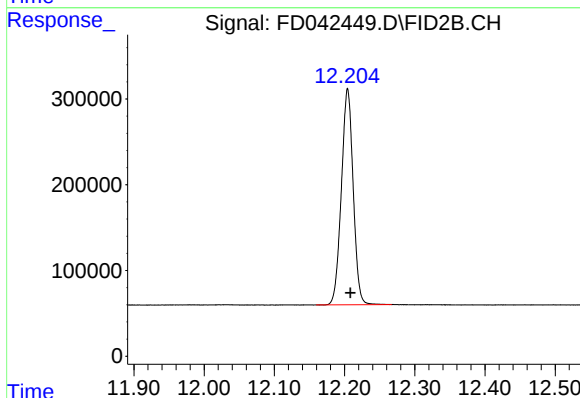
R.T.: 10.906 min
Delta R.T.: -0.004 min
Response: 3002253
Conc: 20.03 ug/ml



#9 ortho-Terphenyl (SURR)

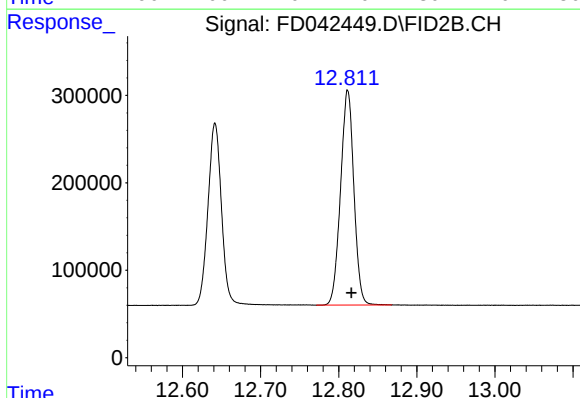
R.T.: 11.203 min
Delta R.T.: -0.006 min
Response: 3203073
Conc: 19.10 ug/ml

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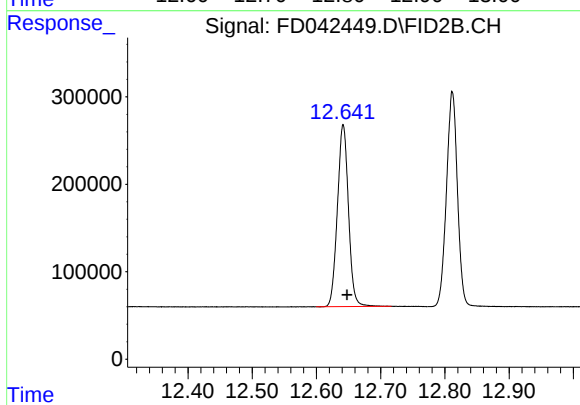
#10 n-Eicosane (C20)

R.T.: 12.204 min
Delta R.T.: -0.004 min
Response: 2940050
Conc: 19.21 ug/ml



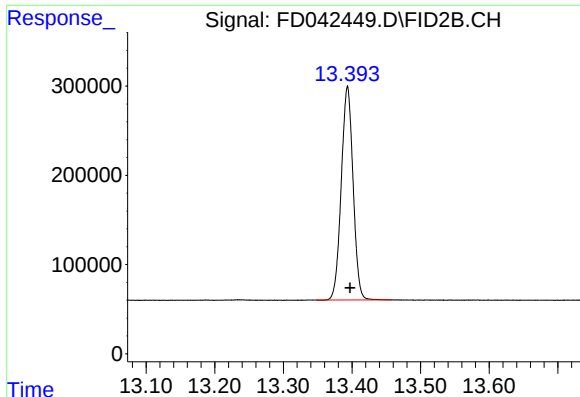
#11 n-Heneicosane (C21)

R.T.: 12.812 min
Delta R.T.: -0.005 min
Response: 2919564
Conc: 18.94 ug/ml



#12 1-chlorooctadecane (SURR)

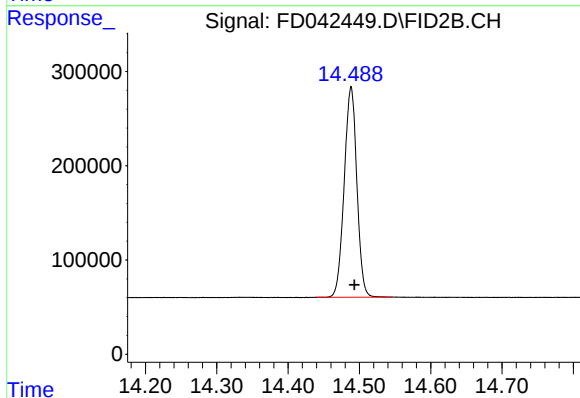
R.T.: 12.642 min
Delta R.T.: -0.006 min
Response: 2490957
Conc: 18.88 ug/ml



#13 n-Docosane (C22)

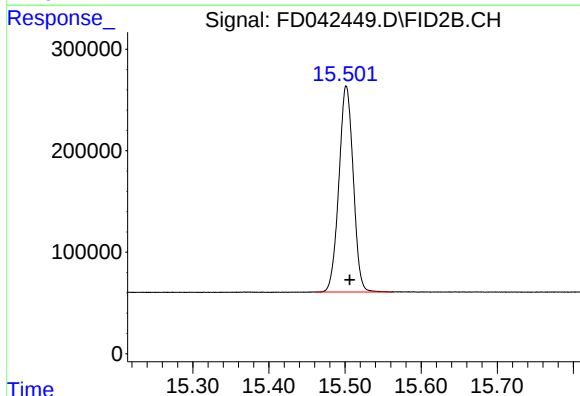
R.T.: 13.394 min
Delta R.T.: -0.004 min
Response: 2863762
Conc: 18.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



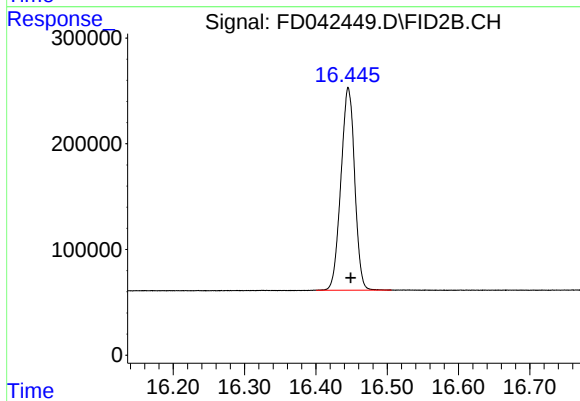
#14 n-Tetracosane (C24)

R.T.: 14.488 min
Delta R.T.: -0.005 min
Response: 2752036
Conc: 17.79 ug/ml



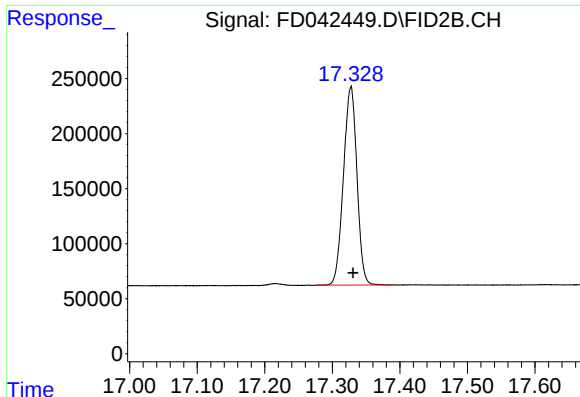
#15 n-Hexacosane (C26)

R.T.: 15.502 min
Delta R.T.: -0.005 min
Response: 2656827
Conc: 17.27 ug/ml



#16 n-Octacosane (C28)

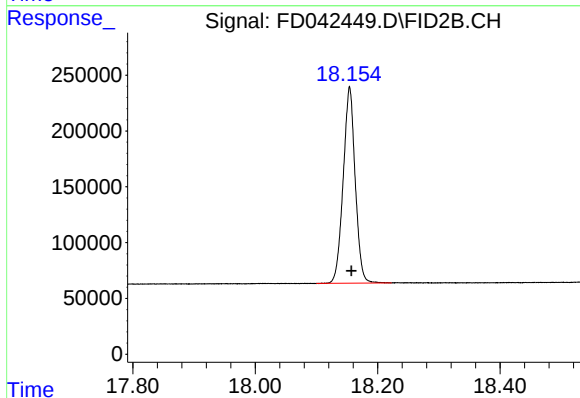
R.T.: 16.445 min
Delta R.T.: -0.003 min
Response: 2570744
Conc: 16.81 ug/ml



#17 n-Tricontane (C30)

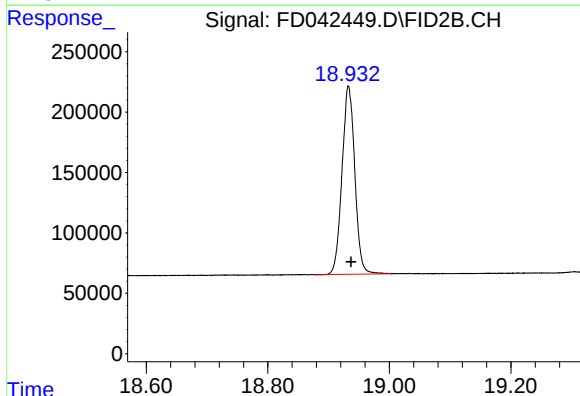
R.T.: 17.328 min
Delta R.T.: -0.003 min
Response: 2504846
Conc: 16.70 ug/ml

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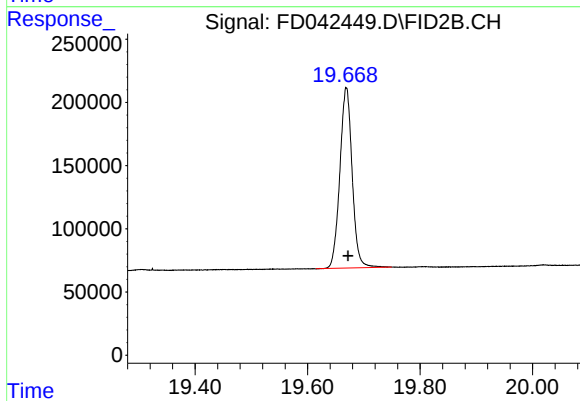
#18 n-Dotriacontane (C32)

R.T.: 18.154 min
Delta R.T.: -0.003 min
Response: 2394487
Conc: 16.93 ug/ml



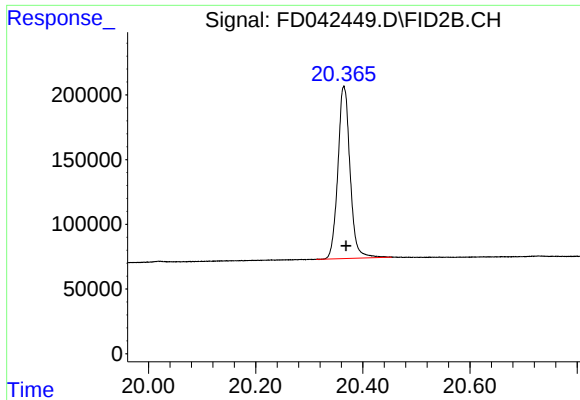
#19 n-Tetratriacontane (C34)

R.T.: 18.933 min
Delta R.T.: -0.004 min
Response: 2273966
Conc: 17.67 ug/ml



#20 n-Hexatriacontane (C36)

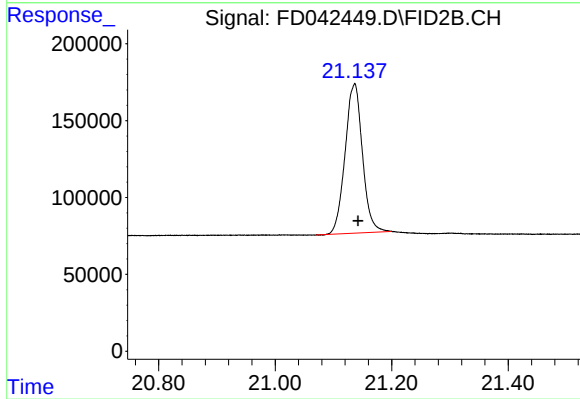
R.T.: 19.669 min
Delta R.T.: -0.003 min
Response: 2165363
Conc: 19.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.365 min
Delta R.T.: -0.004 min
Response: 2094128
Conc: 20.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.137 min
Delta R.T.: -0.006 min
Response: 2007052
Conc: 22.25 ug/ml