

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080324AL\
 Data File : FE049439.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2024 15:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 05 02:06:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.895	3103490	20.009 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	13.330	2370268	20.287 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T n-Nonane (C9)	3.283	2986942	19.861 ug/ml
2) T n-Decane (C10)	4.533	3049991	19.747 ug/ml
3) T A~Naphthalene (C11.7)	6.240	3128651	20.081 ug/ml
4) T n-Dodecane (C12)	6.701	3036882	19.723 ug/ml
5) T A~2-methylnaphthalene...	7.336	2871120	19.729 ug/ml
6) T n-Tetradecane (C14)	8.528	2993318	19.722 ug/ml
7) T n-Hexadecane (C16)	10.135	3016489	19.890 ug/ml
8) T n-Octadecane (C18)	11.577	3028882	19.949 ug/ml
10) T n-Eicosane (C20)	12.885	2877296	19.897 ug/ml
11) T n-Heneicosane (C21)	13.497	2837703	20.011 ug/ml
13) T n-Docosane (C22)	14.082	2803872	19.957 ug/ml
14) T n-Tetracosane (C24)	15.184	2818636	20.111 ug/ml
15) T n-Hexacosane (C26)	16.204	2798501	19.958 ug/ml
16) T n-Octacosane (C28)	17.153	2777874	19.847 ug/ml
17) T n-Tricontane (C30)	18.040	2847628	19.521 ug/ml
18) T n-Dotriacontane (C32)	18.871	2861844	19.463 ug/ml
19) T n-Tetratriacontane (C34)	19.654	2907197	19.903 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2937930	20.380 ug/ml
21) T n-Octatriacontane (C38)	21.123	2988496	19.965 ug/ml
22) T n-Tetracontane (C40)	22.022	2985576	19.784 ug/ml

(f)=RT Delta > 1/2 Window

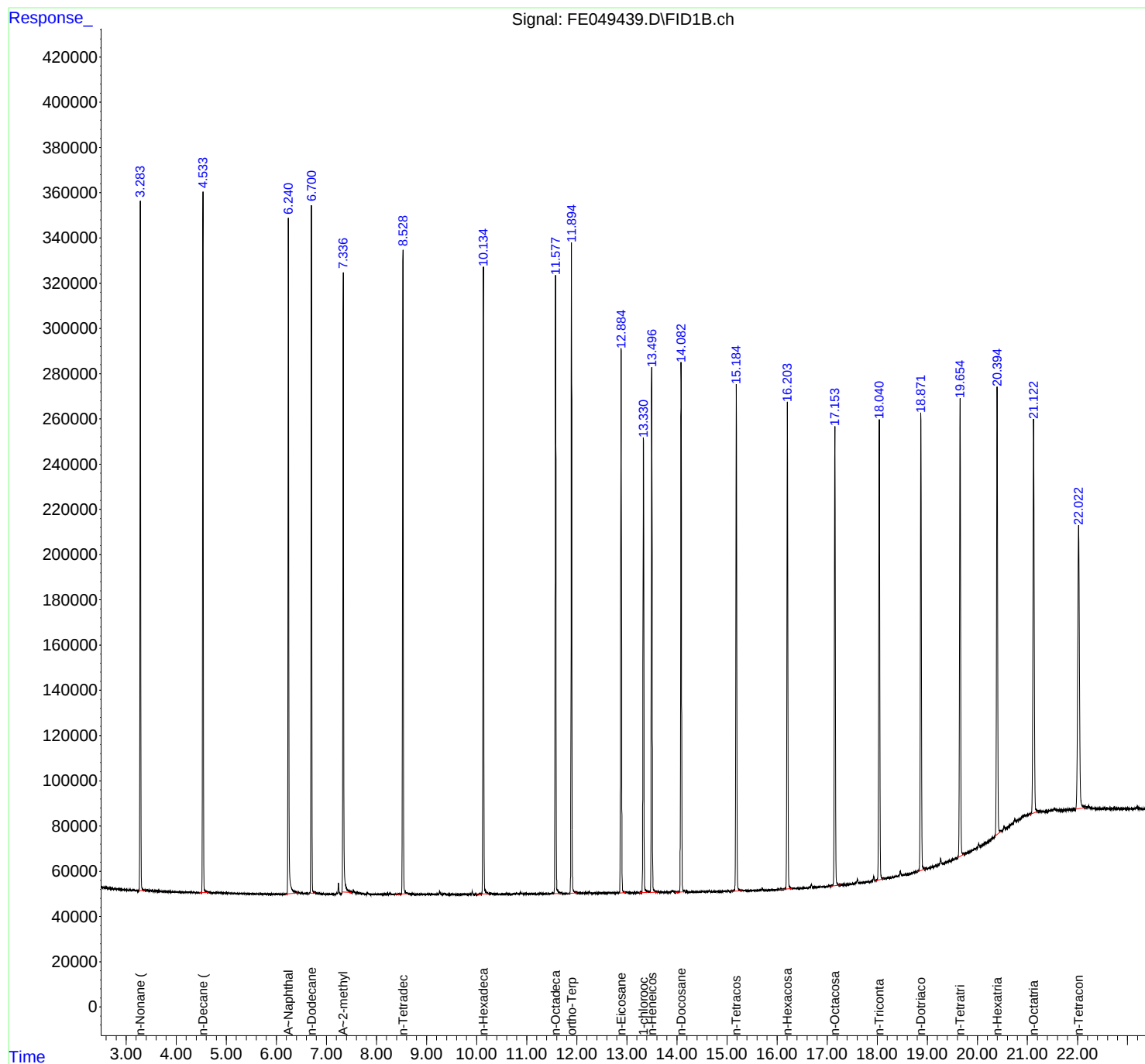
(m)=manual int.

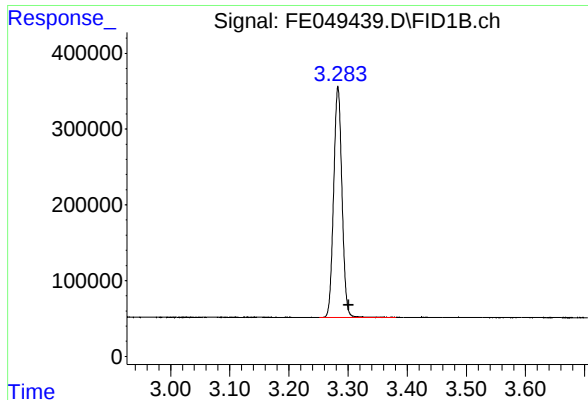
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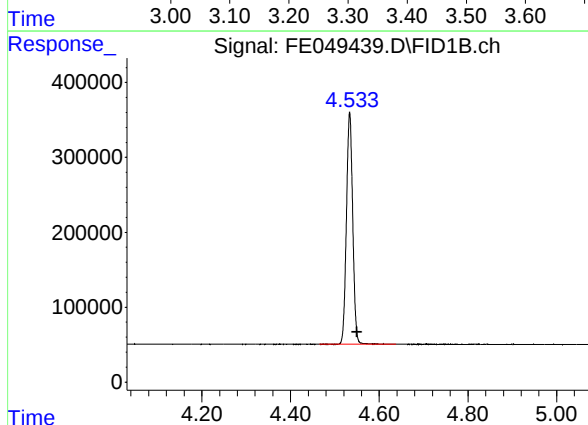




#1 n-Nonane (C9)

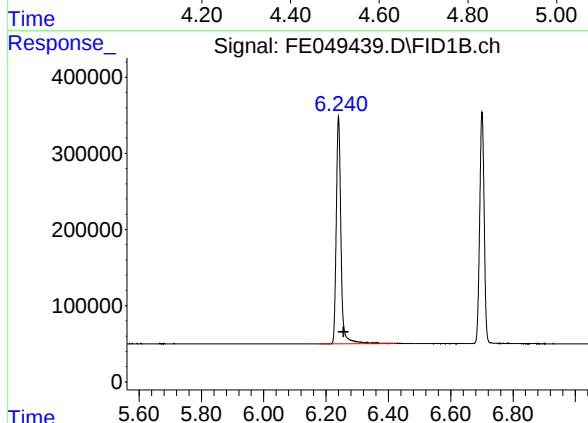
R.T.: 3.283 min
Delta R.T.: -0.018 min
Response: 2986942
Conc: 19.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



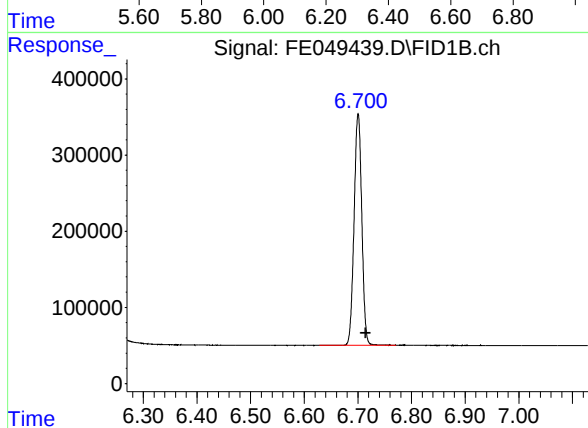
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.016 min
Response: 3049991
Conc: 19.75 ug/ml



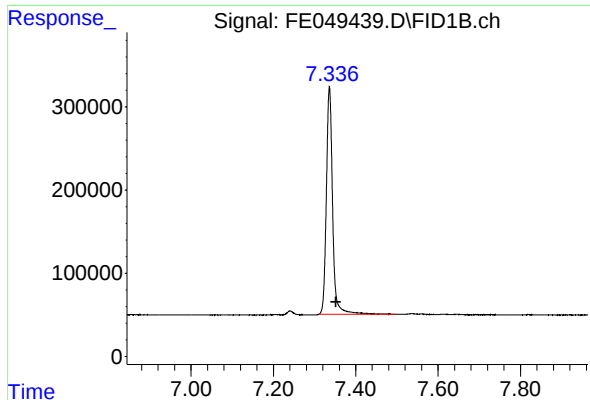
#3 A~Naphthalene (C11.7)

R.T.: 6.240 min
Delta R.T.: -0.017 min
Response: 3128651
Conc: 20.08 ug/ml



#4 n-Dodecane (C12)

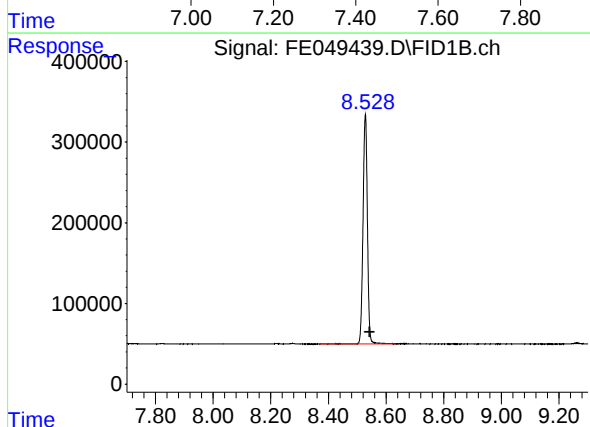
R.T.: 6.701 min
Delta R.T.: -0.015 min
Response: 3036882
Conc: 19.72 ug/ml



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

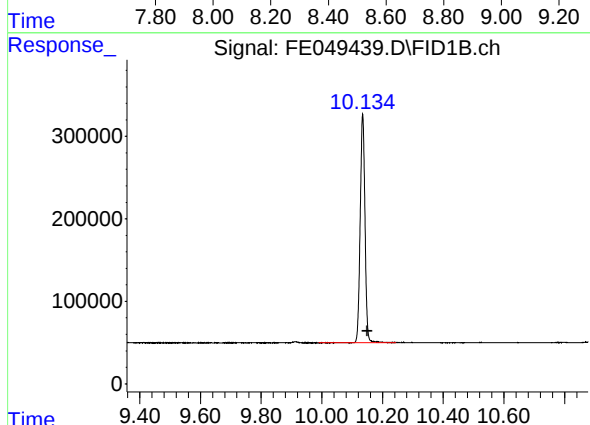
R.T.: 7.336 min
Delta R.T.: -0.016 min
Response: 2871120
Conc: 19.73 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



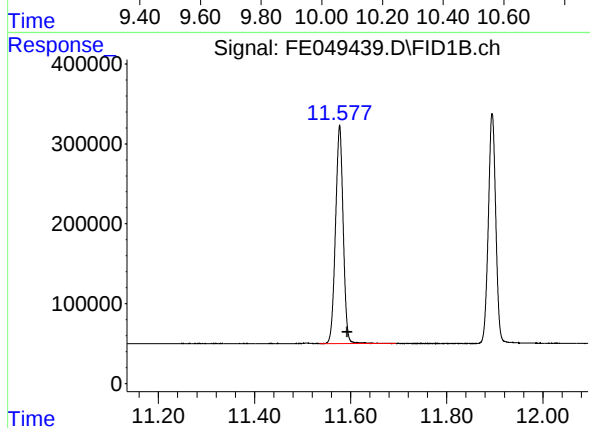
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.015 min
Response: 2993318
Conc: 19.72 ug/ml



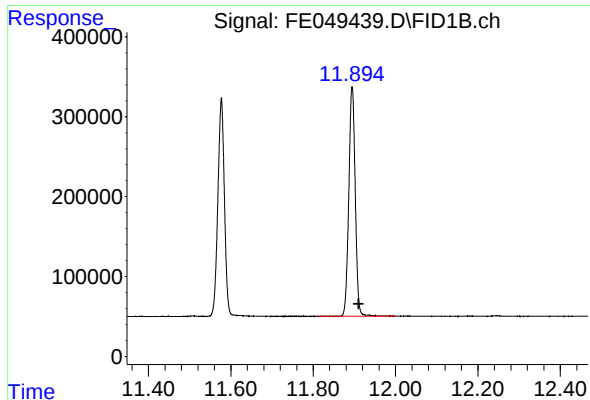
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.015 min
Response: 3016489
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

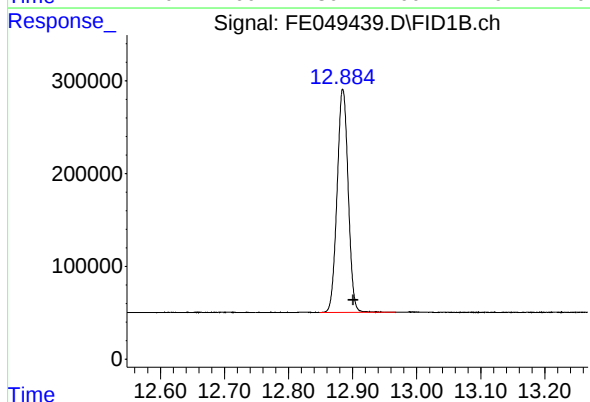
R.T.: 11.577 min
Delta R.T.: -0.016 min
Response: 3028882
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

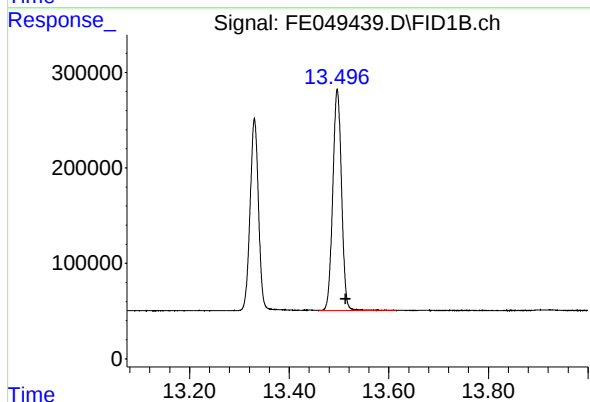
R.T.: 11.895 min
Delta R.T.: -0.016 min
Response: 3103490
Conc: 20.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



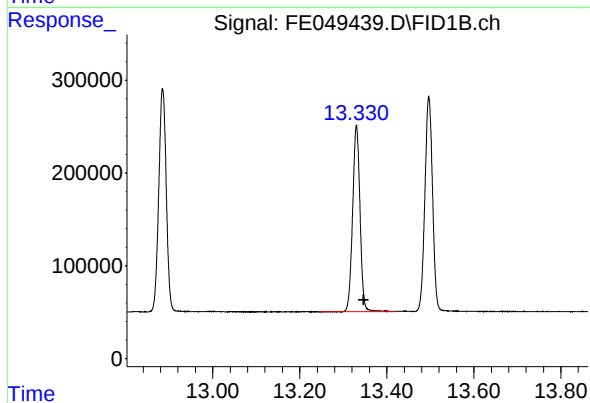
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.016 min
Response: 2877296
Conc: 19.90 ug/ml



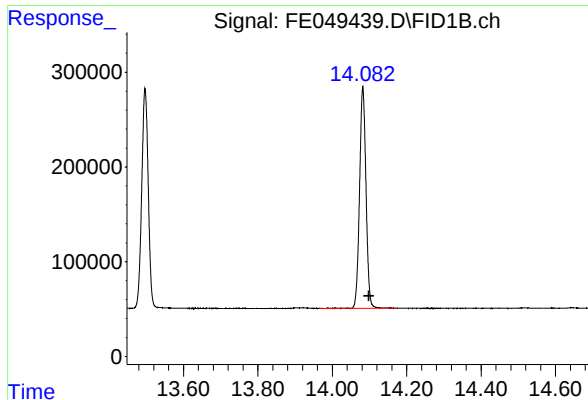
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.016 min
Response: 2837703
Conc: 20.01 ug/ml



#12 1-chlorooctadecane (SURR)

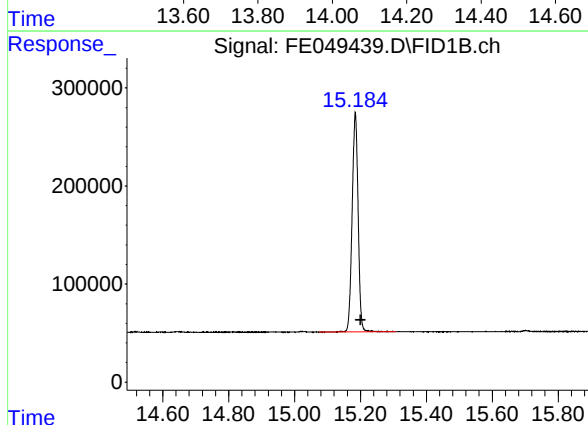
R.T.: 13.330 min
Delta R.T.: -0.016 min
Response: 2370268
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

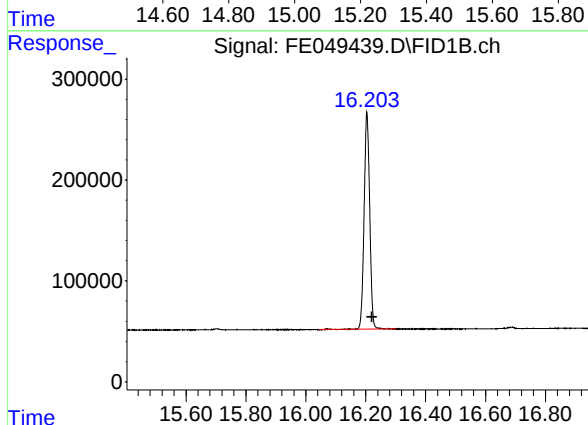
R.T.: 14.082 min
Delta R.T.: -0.017 min
Response: 2803872
Conc: 19.96 ug/ml

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20 PPM ALIPHATIC HC STD



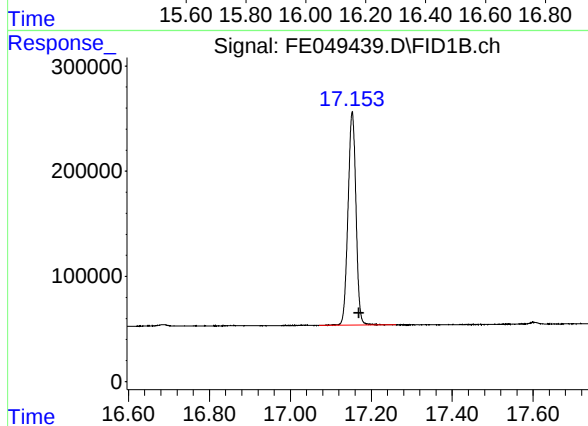
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.016 min
Response: 2818636
Conc: 20.11 ug/ml



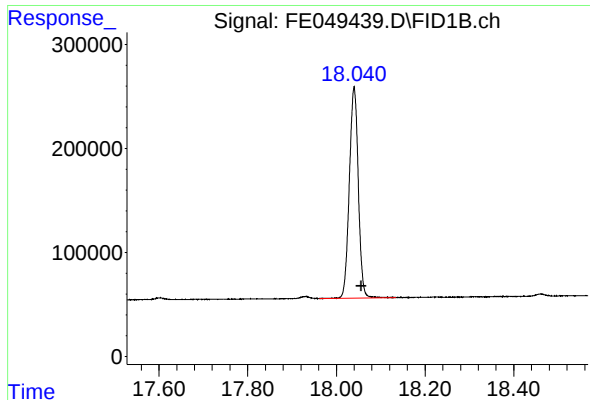
#15 n-Hexacosane (C26)

R.T.: 16.204 min
Delta R.T.: -0.017 min
Response: 2798501
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

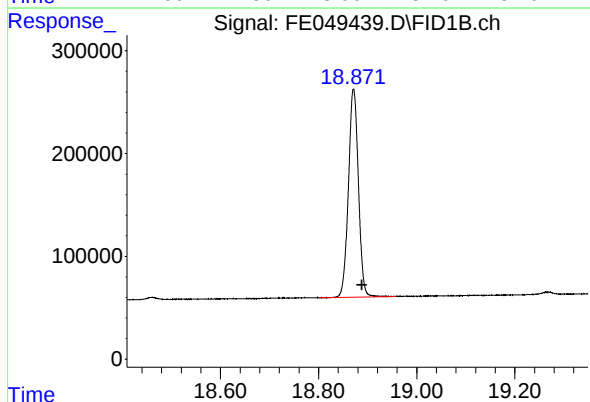
R.T.: 17.153 min
Delta R.T.: -0.017 min
Response: 2777874
Conc: 19.85 ug/ml



#17 n-Tricontane (C30)

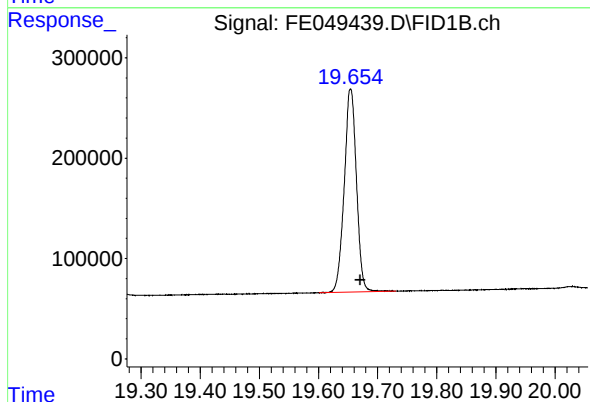
R.T.: 18.040 min
Delta R.T.: -0.017 min
Response: 2847628
Conc: 19.52 ug/ml

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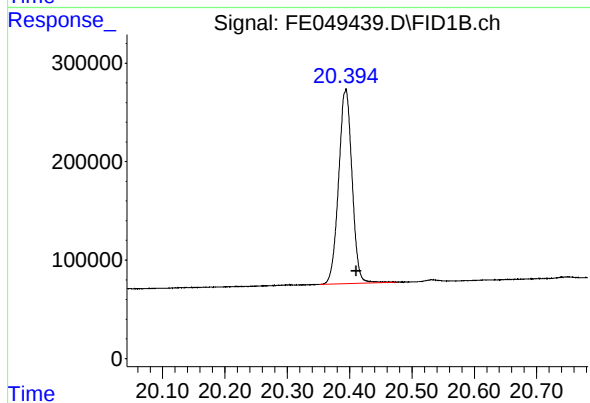
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.017 min
Response: 2861844
Conc: 19.46 ug/ml



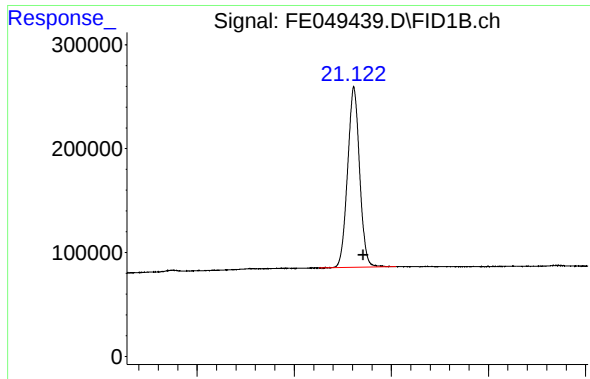
#19 n-Tetatriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.017 min
Response: 2907197
Conc: 19.90 ug/ml



#20 n-Hexatriacontane (C36)

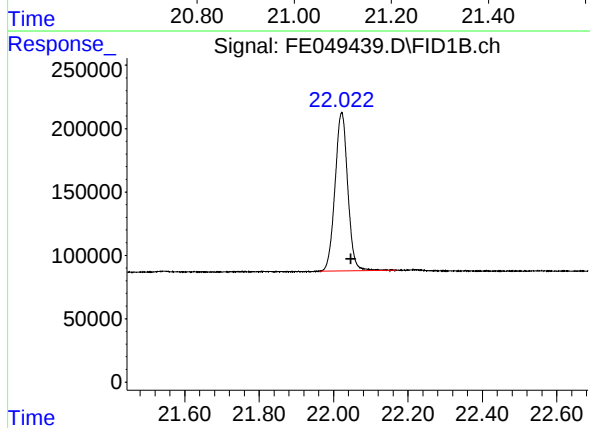
R.T.: 20.394 min
Delta R.T.: -0.017 min
Response: 2937930
Conc: 20.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.019 min
Response: 2988496
Conc: 19.96 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: -0.025 min
Response: 2985576
Conc: 19.78 ug/ml