

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062023AL\
 Data File : FE042767.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2023 02:35
 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: Jun 21 04:19:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:33:05 2023
 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)	11.928	3489608	18.021 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
12) S 1-chlorooctadecane (S...	13.365	2585948	17.934 ug/ml
Spiked Amount 50.000		Recovery =	35.87%
Target Compounds			
1) T n-Nonane (C9)	3.306	2950225	18.879 ug/ml
2) T n-Decane (C10)	4.558	3020410	18.931 ug/ml
3) T A~Naphthalene (C11.7)	6.268	3277420	19.068 ug/ml
4) T n-Dodecane (C12)	6.728	3068836	18.962 ug/ml
5) T A~2-methylnaphthalene...	7.366	3144004	18.992 ug/ml
6) T n-Tetradecane (C14)	8.557	3039611	18.858 ug/ml
7) T n-Hexadecane (C16)	10.166	3142598	18.678 ug/ml
8) T n-Octadecane (C18)	11.609	3164937	18.445 ug/ml
10) T n-Eicosane (C20)	12.919	3010054	18.136 ug/ml
11) T n-Heneicosane (C21)	13.531	2930844	17.991 ug/ml
13) T n-Docosane (C22)	14.118	2881074	17.864 ug/ml
14) T n-Tetracosane (C24)	15.220	2804385	17.753 ug/ml
15) T n-Hexacosane (C26)	16.242	2702537	17.885 ug/ml
16) T n-Octacosane (C28)	17.192	2621913	18.315 ug/ml
17) T n-Tricontane (C30)	18.081	2691858	19.092 ug/ml
18) T n-Dotriacontane (C32)	18.912	2688540	19.753 ug/ml
19) T n-Tetratriacontane (C34)	19.696	2624989	19.854 ug/ml
20) T n-Hexatriacontane (C36)	20.438	2565092	19.945 ug/ml
21) T n-Octatriacontane (C38)	21.181	2574052	19.879 ug/ml
22) T n-Tetracontane (C40)	22.104	2629906	20.175 ug/ml

(f)=RT Delta > 1/2 Window

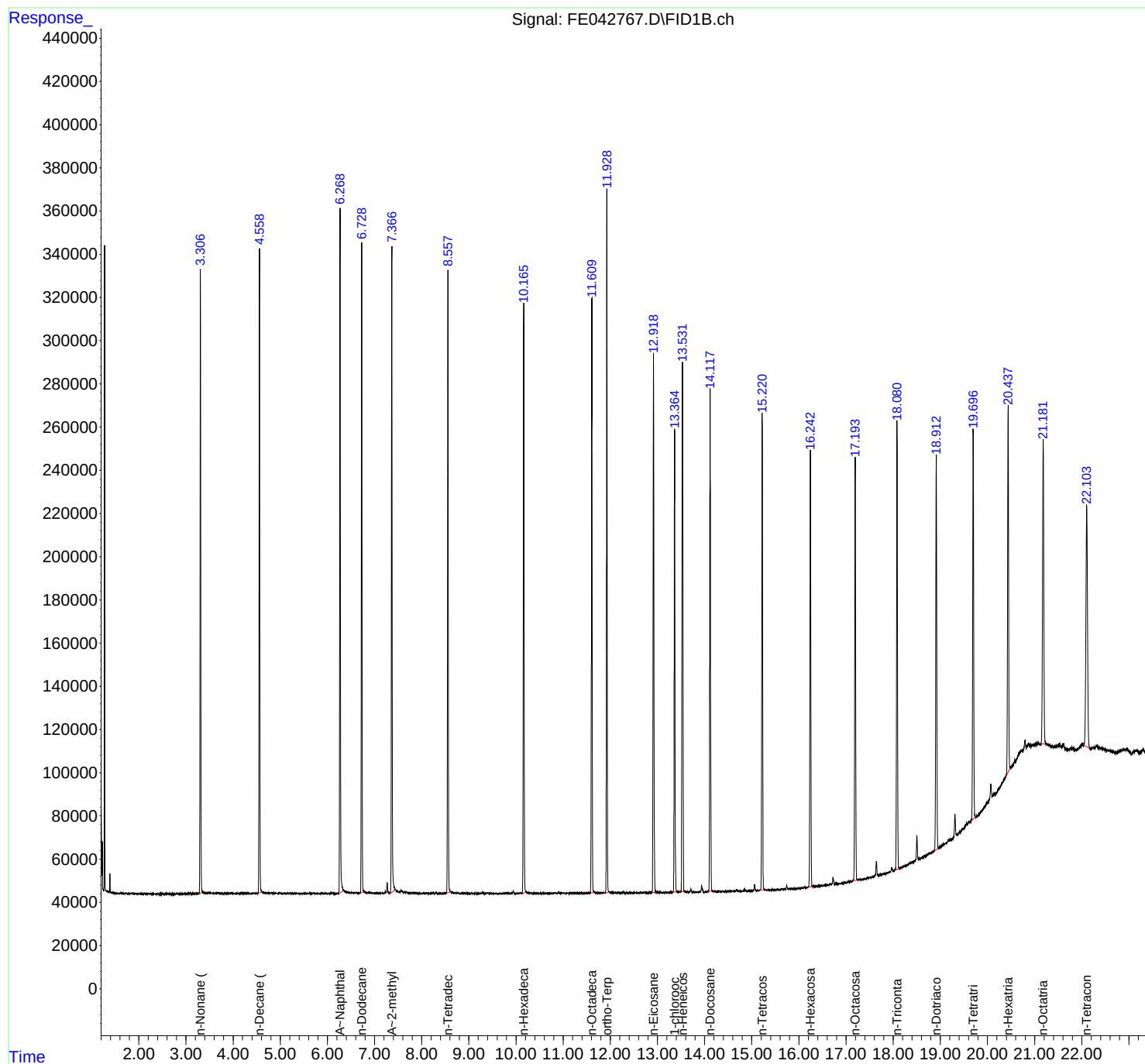
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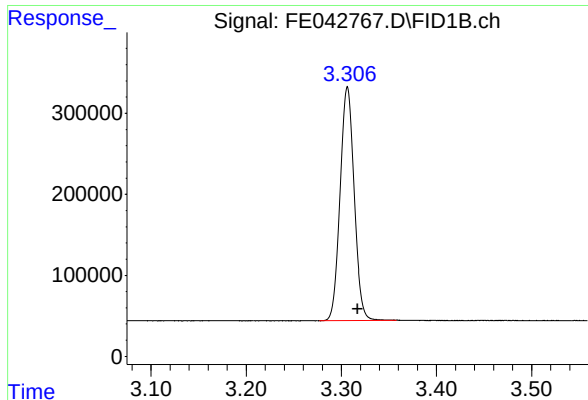
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062023AL\
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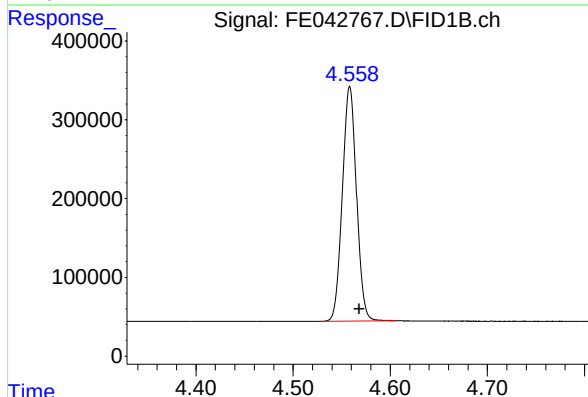




#1 n-Nonane (C9)

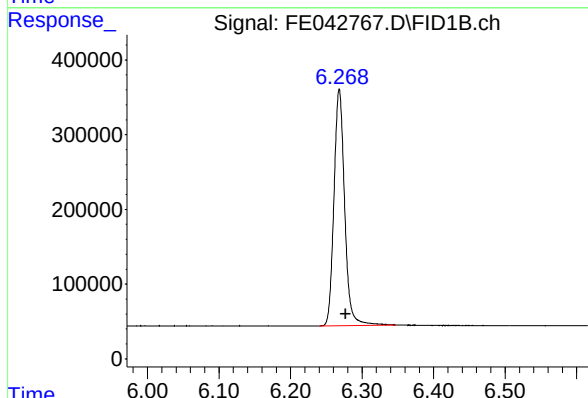
R.T.: 3.306 min
Delta R.T.: -0.011 min
Response: 2950225
Conc: 18.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



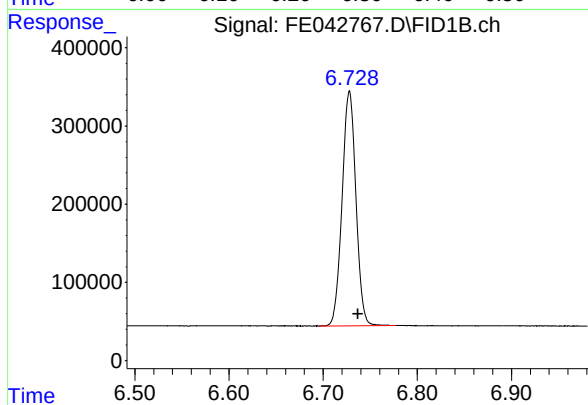
#2 n-Decane (C10)

R.T.: 4.558 min
Delta R.T.: -0.010 min
Response: 3020410
Conc: 18.93 ug/ml



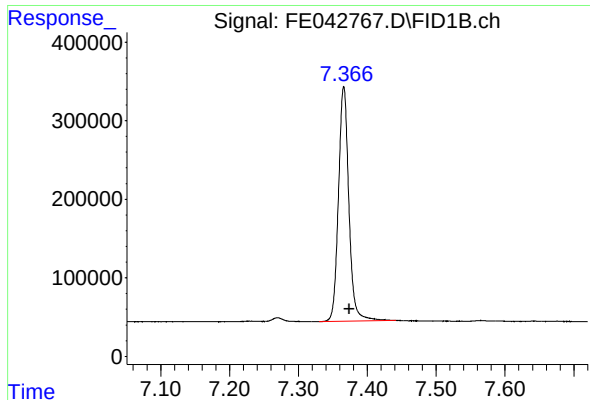
#3 n-Undecane (C11.7)

R.T.: 6.268 min
Delta R.T.: -0.009 min
Response: 3277420
Conc: 19.07 ug/ml



#4 n-Dodecane (C12)

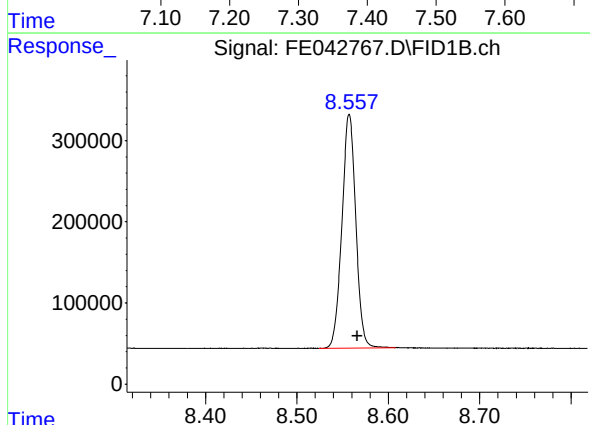
R.T.: 6.728 min
Delta R.T.: -0.009 min
Response: 3068836
Conc: 18.96 ug/ml



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

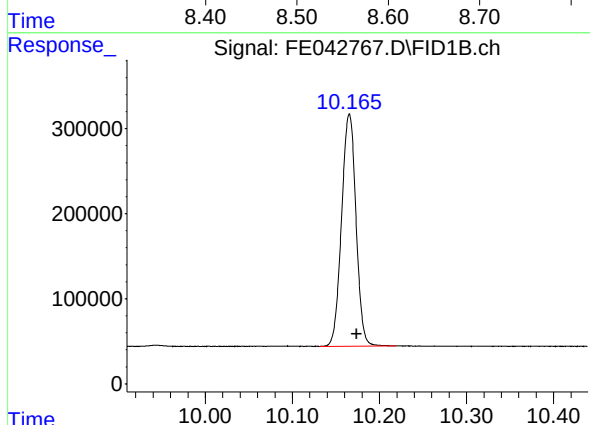
R.T.: 7.366 min
Delta R.T.: -0.008 min
Response: 3144004
Conc: 18.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



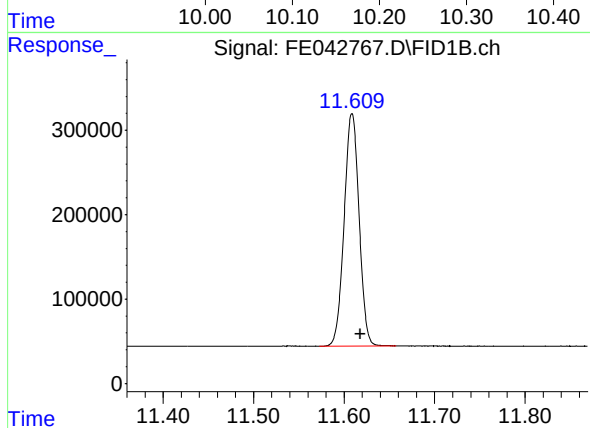
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.009 min
Response: 3039611
Conc: 18.86 ug/ml



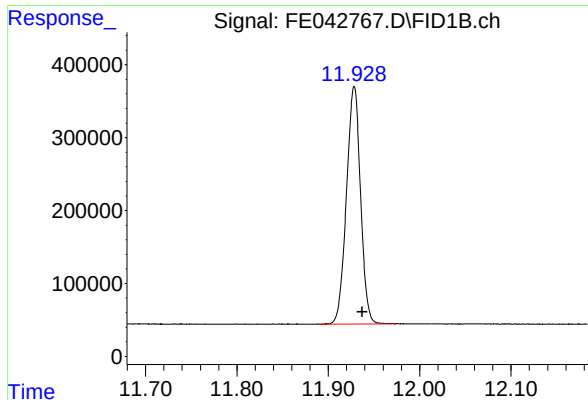
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.008 min
Response: 3142598
Conc: 18.68 ug/ml



#8 n-Octadecane (C18)

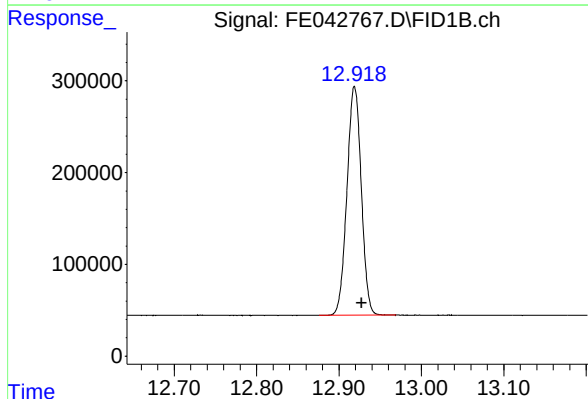
R.T.: 11.609 min
Delta R.T.: -0.009 min
Response: 3164937
Conc: 18.45 ug/ml



#9 ortho-Terphenyl (SURR)

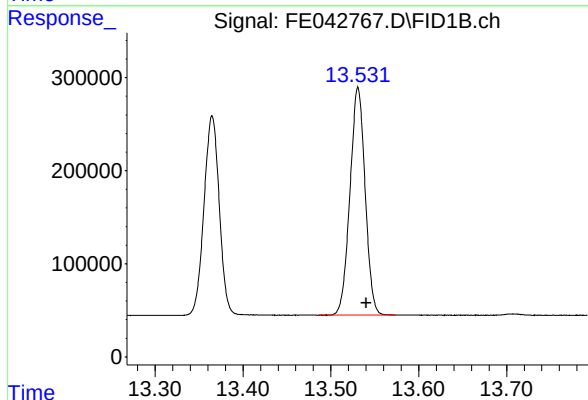
R.T.: 11.928 min
Delta R.T.: -0.009 min
Response: 3489608
Conc: 18.02 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



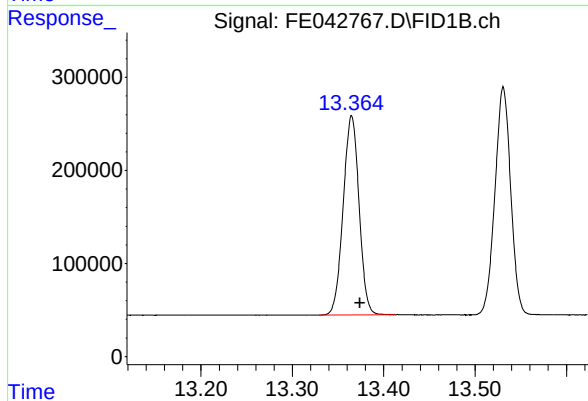
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.009 min
Response: 3010054
Conc: 18.14 ug/ml



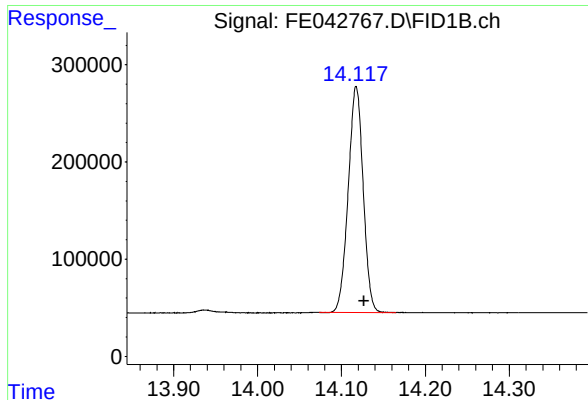
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.010 min
Response: 2930844
Conc: 17.99 ug/ml



#12 1-chlorooctadecane (SURR)

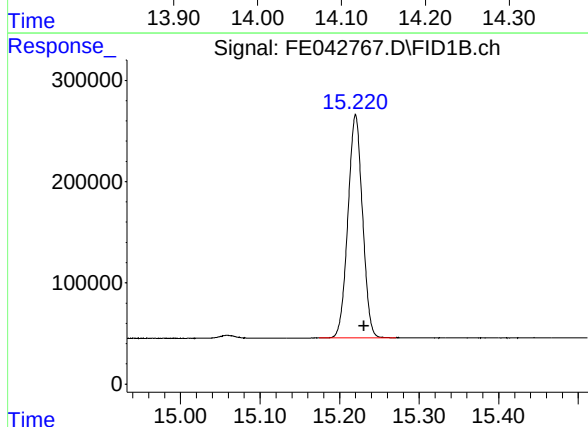
R.T.: 13.365 min
Delta R.T.: -0.009 min
Response: 2585948
Conc: 17.93 ug/ml



#13 n-Docosane (C22)

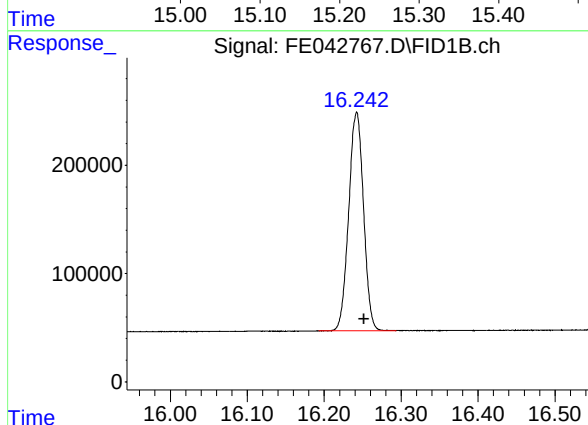
R.T.: 14.118 min
Delta R.T.: -0.009 min
Response: 2881074
Conc: 17.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



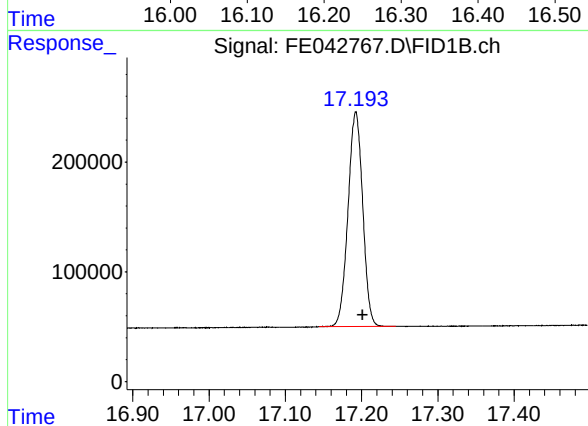
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.010 min
Response: 2804385
Conc: 17.75 ug/ml



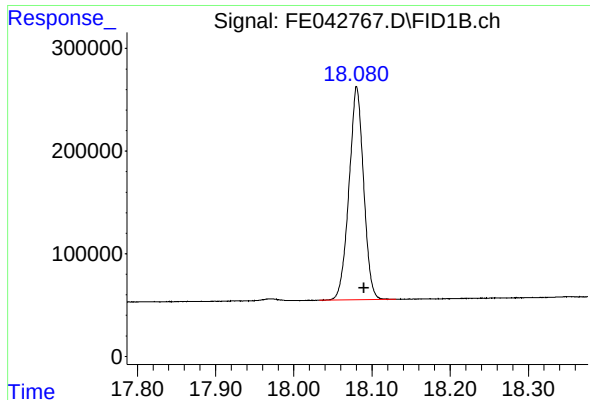
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: -0.010 min
Response: 2702537
Conc: 17.89 ug/ml



#16 n-Octacosane (C28)

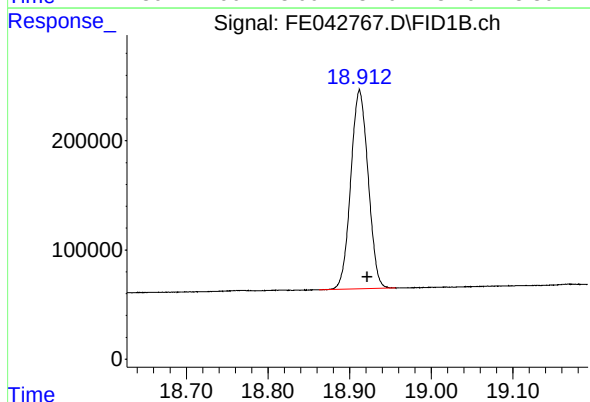
R.T.: 17.192 min
Delta R.T.: -0.009 min
Response: 2621913
Conc: 18.31 ug/ml



#17 n-Tricontane (C30)

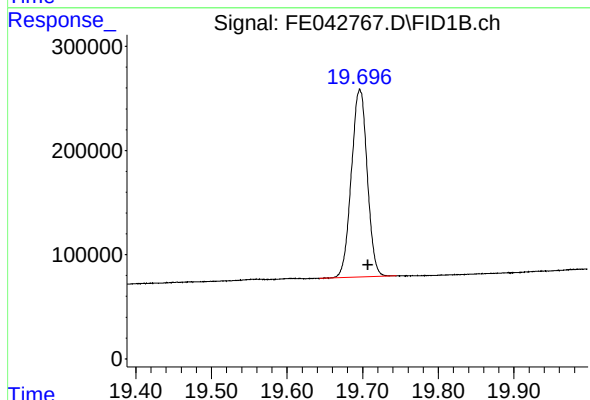
R.T.: 18.081 min
Delta R.T.: -0.009 min
Response: 2691858
Conc: 19.09 ug/ml

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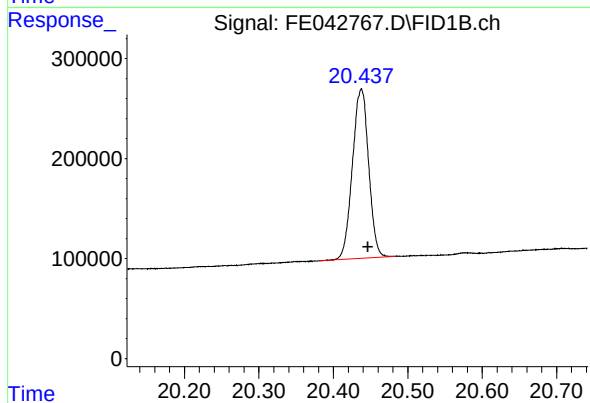
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: -0.010 min
Response: 2688540
Conc: 19.75 ug/ml



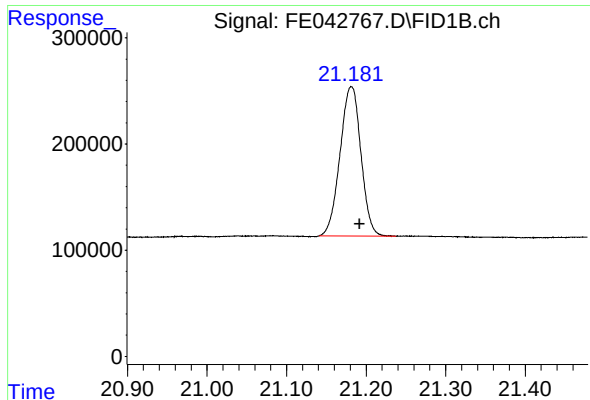
#19 n-Tetratriacontane (C34)

R.T.: 19.696 min
Delta R.T.: -0.011 min
Response: 2624989
Conc: 19.85 ug/ml



#20 n-Hexatriacontane (C36)

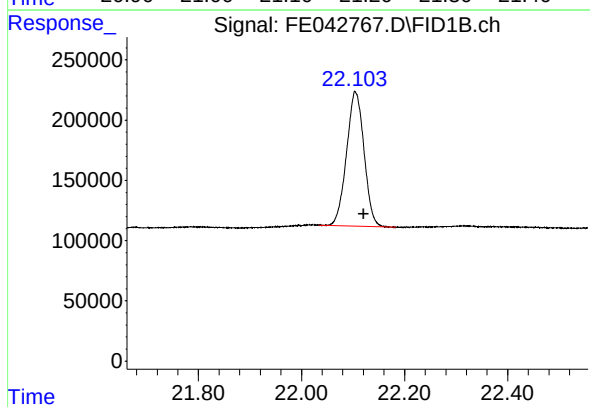
R.T.: 20.438 min
Delta R.T.: -0.009 min
Response: 2565092
Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.181 min
Delta R.T.: -0.011 min
Response: 2574052
Conc: 19.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.104 min
Delta R.T.: -0.017 min
Response: 2629906
Conc: 20.18 ug/ml