

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112922AL\
 Data File : FC062321.D
 Signal(s) : FID1A.ch
 Acq On : 29 Nov 2022 21:33
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 30 04:28:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 2022
 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)	11.592	2651966	19.429 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
12) S 1-chlorooctadecane (S...	13.030	2071059	20.374 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T n-Nonane (C9)	3.343	2805564	20.158 ug/ml
2) T n-Decane (C10)	4.411	2853774	21.092 ug/ml
3) T A~Naphthalene (C11.7)	5.999	2967780	20.258 ug/ml
4) T n-Dodecane (C12)	6.433	2864181	21.440 ug/ml
5) T A~2-methylnaphthalene...	7.058	2844613	21.213 ug/ml
6) T n-Tetradecane (C14)	8.230	2776918	21.272 ug/ml
7) T n-Hexadecane (C16)	9.833	2745684	21.178 ug/ml
8) T n-Octadecane (C18)	11.276	2675978	20.957 ug/ml
10) T n-Eicosane (C20)	12.586	2578145	21.209 ug/ml
11) T n-Heneicosane (C21)	13.198	2521145	20.918 ug/ml
13) T n-Docosane (C22)	13.784	2461950	20.885 ug/ml
14) T n-Tetracosane (C24)	14.885	2372143	20.615 ug/ml
15) T n-Hexacosane (C26)	15.905	2293035	20.580 ug/ml
16) T n-Octacosane (C28)	16.854	2263090	20.641 ug/ml
17) T n-Tricontane (C30)	17.741	2426449	22.157 ug/ml
18) T n-Dotriacontane (C32)	18.574	2494084	22.582 ug/ml
19) T n-Tetratriacontane (C34)	19.354	2381140	21.778 ug/ml
20) T n-Hexatriacontane (C36)	20.093	2359874	22.517 ug/ml
21) T n-Octatriacontane (C38)	20.834	2216159	21.413 ug/ml
22) T n-Tetracontane (C40)	21.755	2211897	21.547 ug/ml

(f)=RT Delta > 1/2 Window

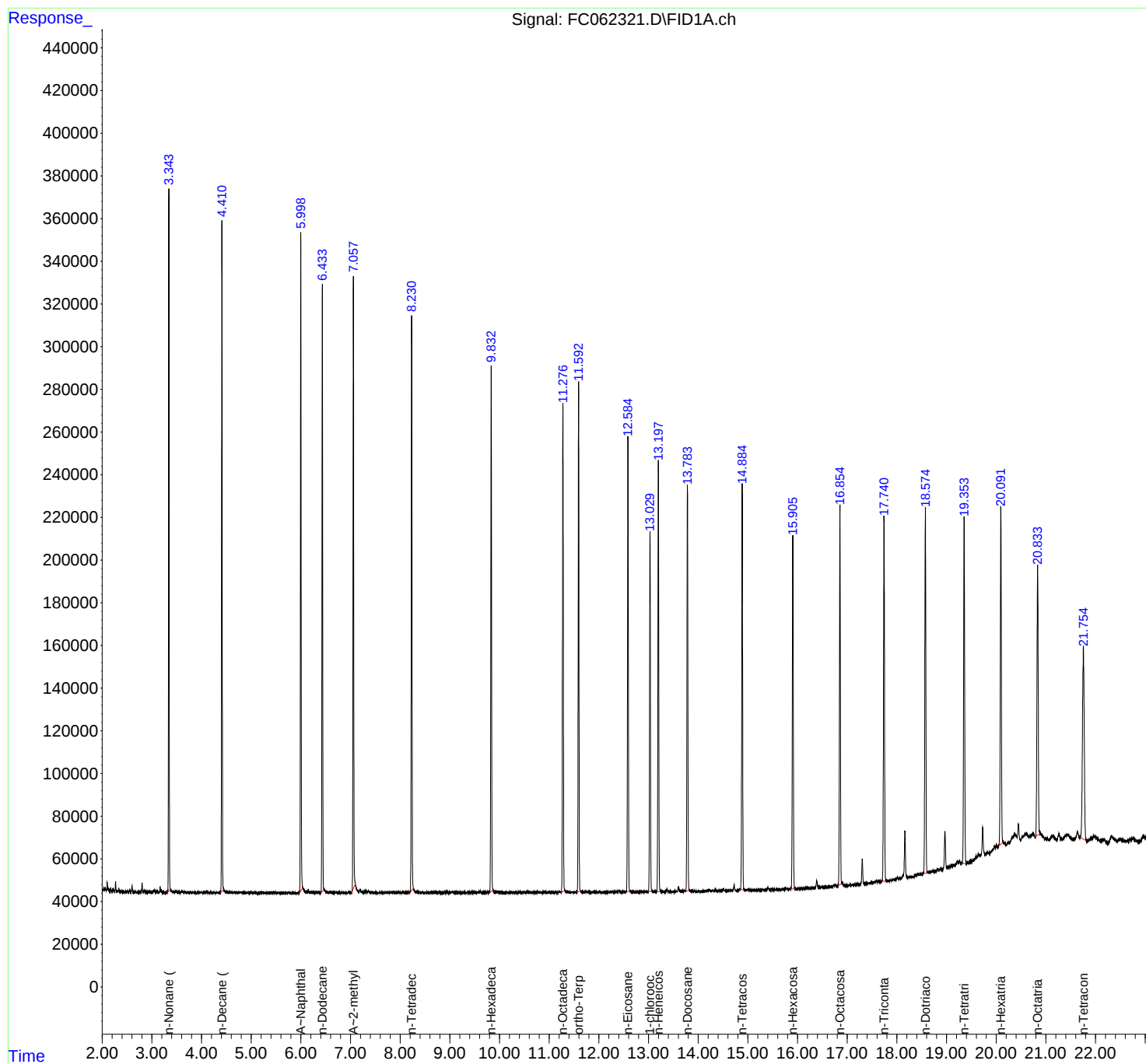
(m)=manual int.

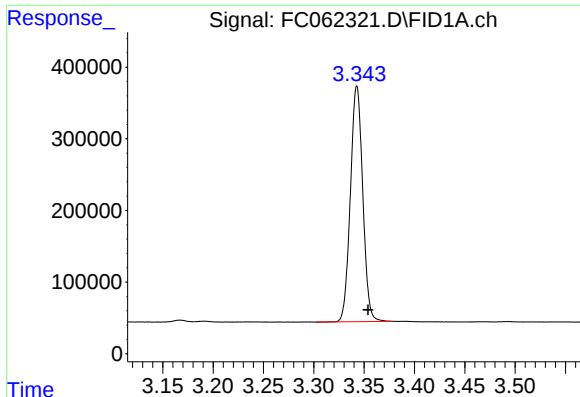
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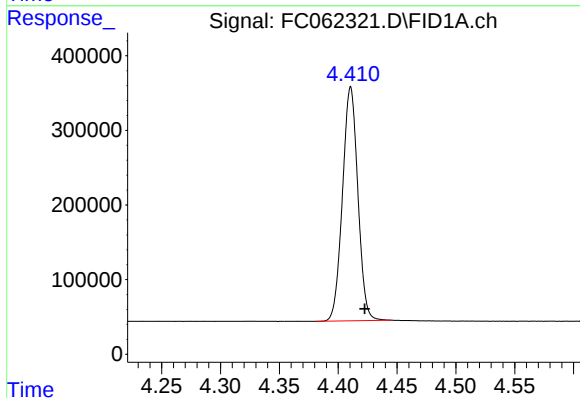




#1 n-Nonane (C9)

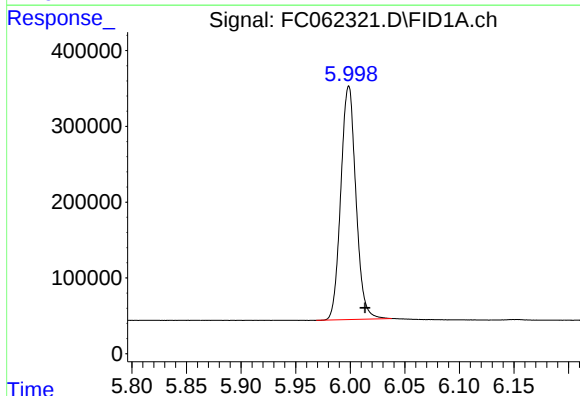
R.T.: 3.343 min
Delta R.T.: -0.011 min
Response: 2805564
Conc: 20.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



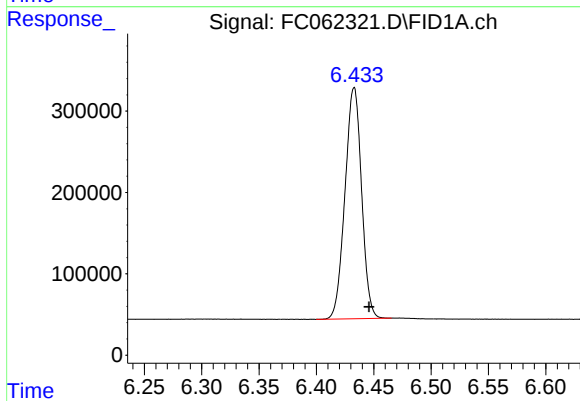
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: -0.012 min
Response: 2853774
Conc: 21.09 ug/ml



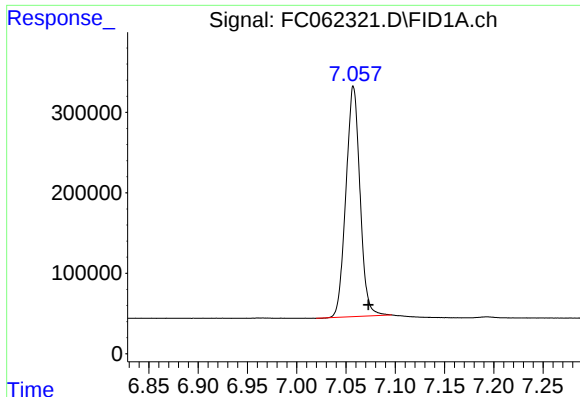
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.015 min
Response: 2967780
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

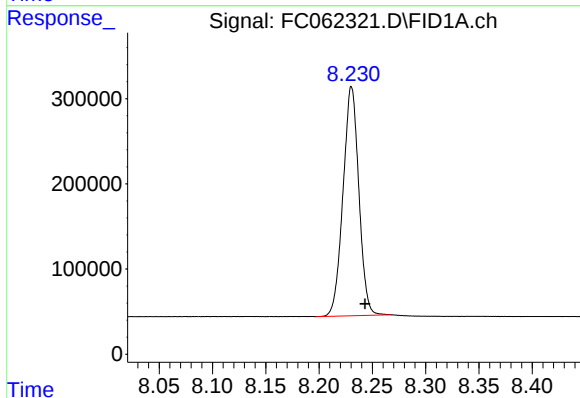
R.T.: 6.433 min
Delta R.T.: -0.013 min
Response: 2864181
Conc: 21.44 ug/ml



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

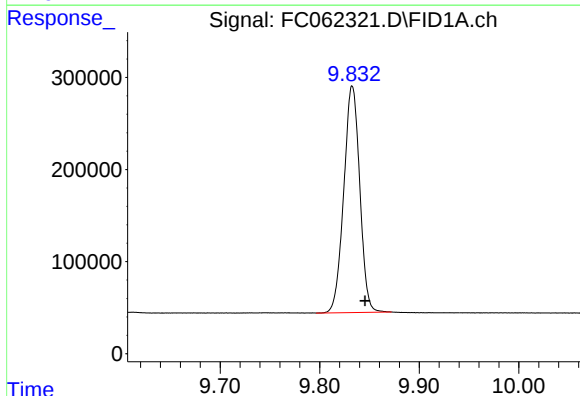
R.T.: 7.058 min
Delta R.T.: -0.015 min
Response: 2844613
Conc: 21.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



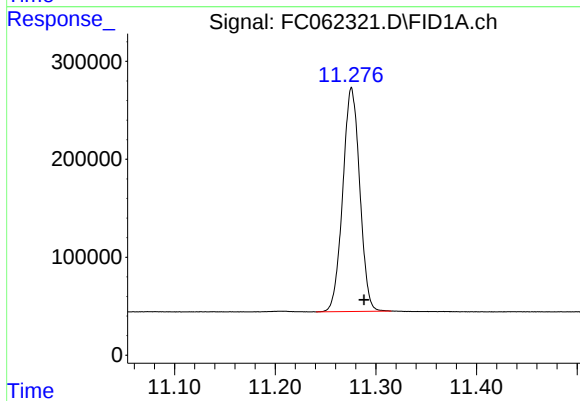
#6 n-Tetradecane (C14)

R.T.: 8.230 min
Delta R.T.: -0.013 min
Response: 2776918
Conc: 21.27 ug/ml



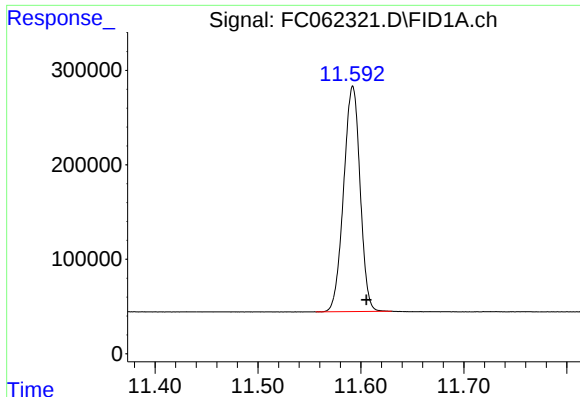
#7 n-Hexadecane (C16)

R.T.: 9.833 min
Delta R.T.: -0.013 min
Response: 2745684
Conc: 21.18 ug/ml



#8 n-Octadecane (C18)

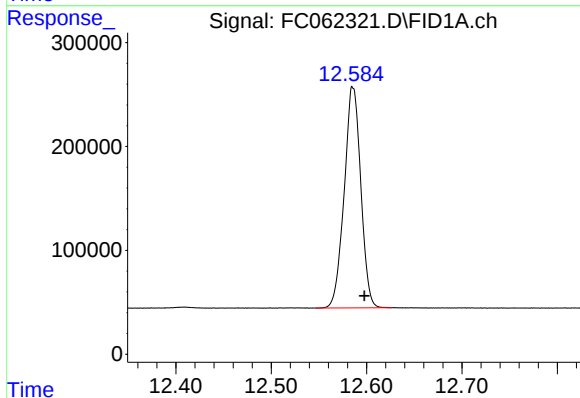
R.T.: 11.276 min
Delta R.T.: -0.012 min
Response: 2675978
Conc: 20.96 ug/ml



#9 ortho-Terphenyl (SURR)

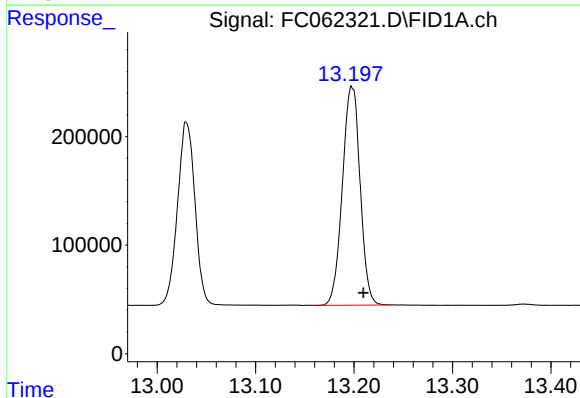
R.T.: 11.592 min
Delta R.T.: -0.013 min
Response: 2651966
Conc: 19.43 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



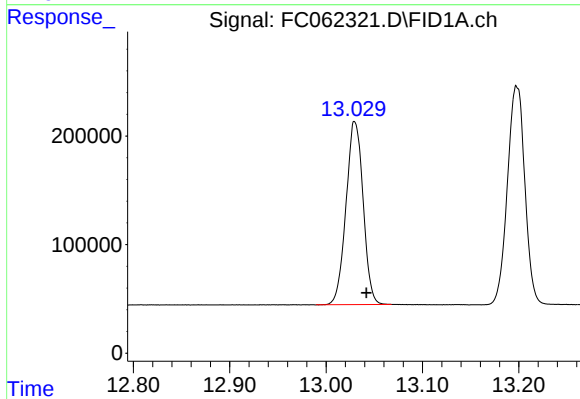
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: -0.012 min
Response: 2578145
Conc: 21.21 ug/ml



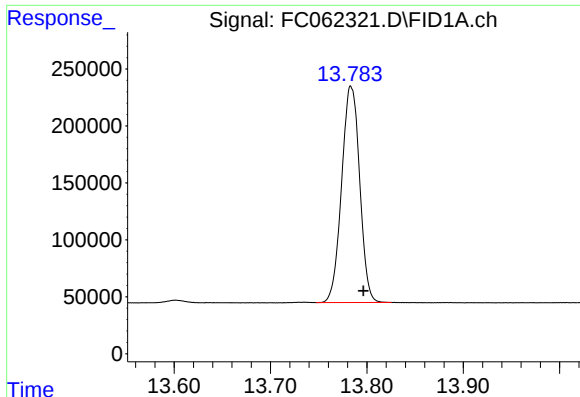
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: -0.012 min
Response: 2521145
Conc: 20.92 ug/ml



#12 1-chlorooctadecane (SURR)

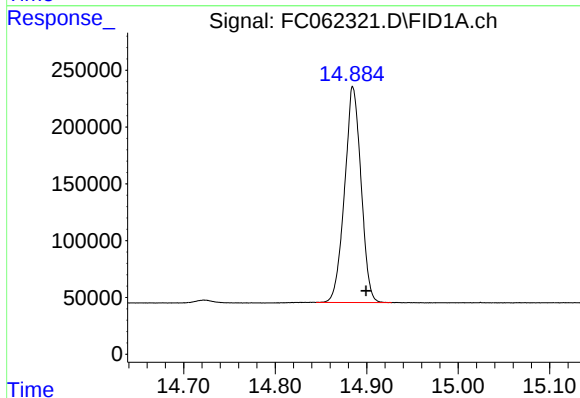
R.T.: 13.030 min
Delta R.T.: -0.012 min
Response: 2071059
Conc: 20.37 ug/ml



#13 n-Docosane (C22)

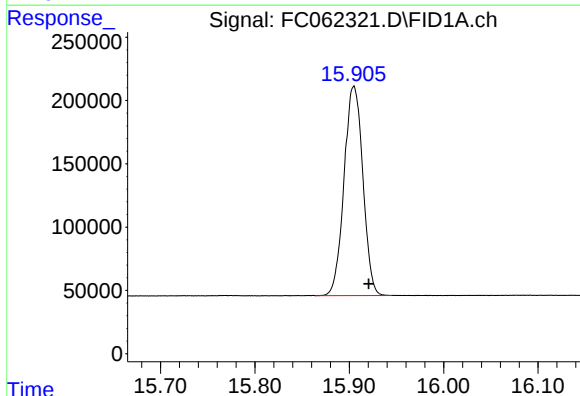
R.T.: 13.784 min
Delta R.T.: -0.013 min
Response: 2461950
Conc: 20.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



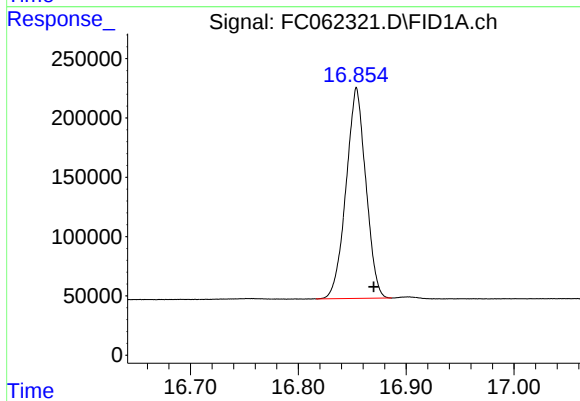
#14 n-Tetracosane (C24)

R.T.: 14.885 min
Delta R.T.: -0.014 min
Response: 2372143
Conc: 20.62 ug/ml



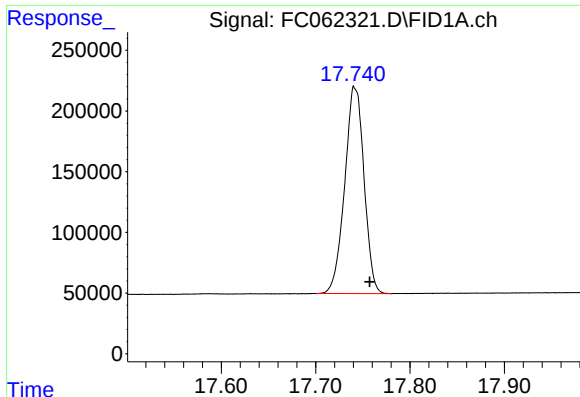
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: -0.016 min
Response: 2293035
Conc: 20.58 ug/ml



#16 n-Octacosane (C28)

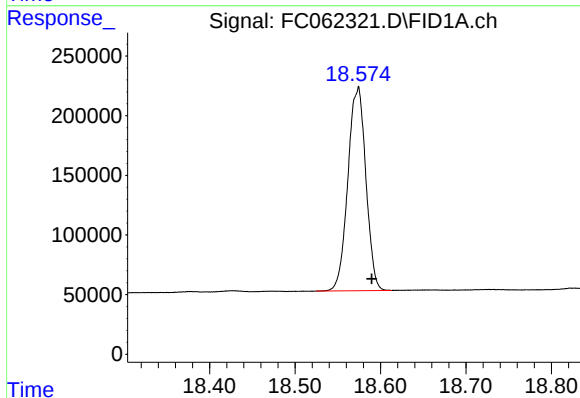
R.T.: 16.854 min
Delta R.T.: -0.016 min
Response: 2263090
Conc: 20.64 ug/ml



#17 n-Tricontane (C30)

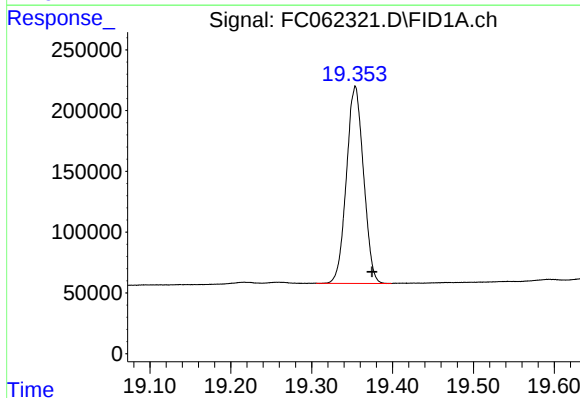
R.T.: 17.741 min
Delta R.T.: -0.016 min
Response: 2426449
Conc: 22.16 ug/ml

Instrument :
FID_C
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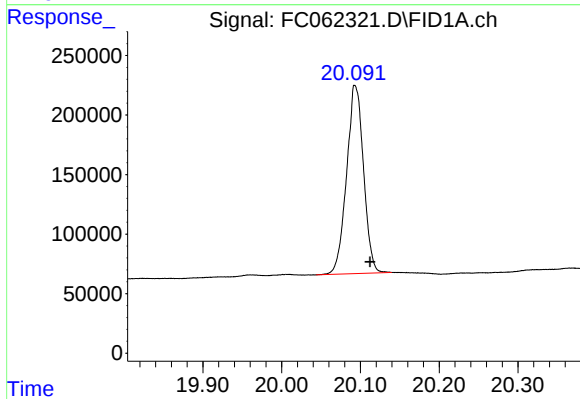
#18 n-Dotriacontane (C32)

R.T.: 18.574 min
Delta R.T.: -0.016 min
Response: 2494084
Conc: 22.58 ug/ml



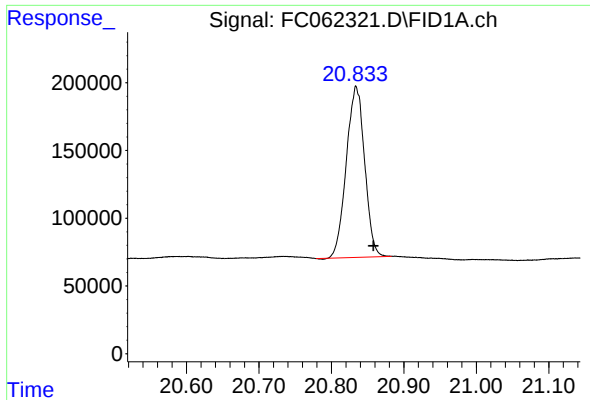
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.021 min
Response: 2381140
Conc: 21.78 ug/ml



#20 n-Hexatriacontane (C36)

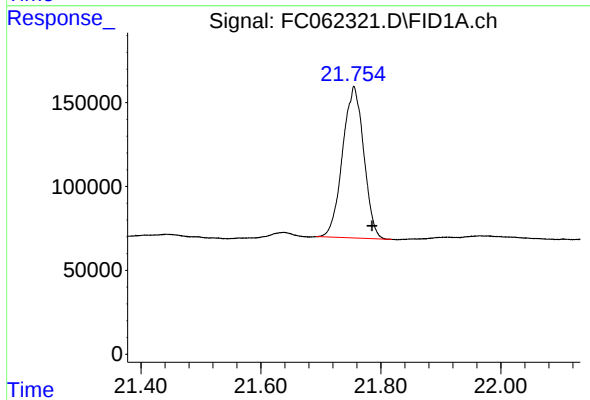
R.T.: 20.093 min
Delta R.T.: -0.019 min
Response: 2359874
Conc: 22.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.834 min
Delta R.T.: -0.024 min
Response: 2216159
Conc: 21.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.755 min
Delta R.T.: -0.030 min
Response: 2211897
Conc: 21.55 ug/ml