

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092622AL\
 Data File : FC061612.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2022 10:23
 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: Sep 27 06:44:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 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)	11.569	3233423	18.920 ug/ml
Spiked Amount 50.000		Recovery =	37.84%
12) S 1-chlorooctadecane (S...	13.006	2565022	18.776 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
Target Compounds			
1) T n-Nonane (C9)	3.326	2789527	18.688 ug/ml
2) T n-Decane (C10)	4.393	2833214	18.783 ug/ml
3) T A~Naphthalene (C11.7)	5.977	3123272	18.834 ug/ml
4) T n-Dodecane (C12)	6.411	2863293	18.830 ug/ml
5) T A~2-methylnaphthalene...	7.033	3096069	18.822 ug/ml
6) T n-Tetradecane (C14)	8.209	2878492	18.880 ug/ml
7) T n-Hexadecane (C16)	9.810	2931474	18.958 ug/ml
8) T n-Octadecane (C18)	11.253	2995157	18.999 ug/ml
10) T n-Eicosane (C20)	12.562	3028459	19.004 ug/ml
11) T n-Heneicosane (C21)	13.175	3037595	18.933 ug/ml
13) T n-Docosane (C22)	13.760	3043705	18.945 ug/ml
14) T n-Tetracosane (C24)	14.863	3015448	18.824 ug/ml
15) T n-Hexacosane (C26)	15.884	2968040	18.723 ug/ml
16) T n-Octacosane (C28)	16.833	2913385	18.796 ug/ml
17) T n-Tricontane (C30)	17.721	2981147	19.372 ug/ml
18) T n-Dotriacontane (C32)	18.554	2939054	19.438 ug/ml
19) T n-Tetratriacontane (C34)	19.338	2672248	18.846 ug/ml
20) T n-Hexatriacontane (C36)	20.077	2504168	18.139 ug/ml
21) T n-Octatriacontane (C38)	20.810	2314776	17.874 ug/ml
22) T n-Tetracontane (C40)	21.719	2044637	16.731 ug/ml

(f)=RT Delta > 1/2 Window

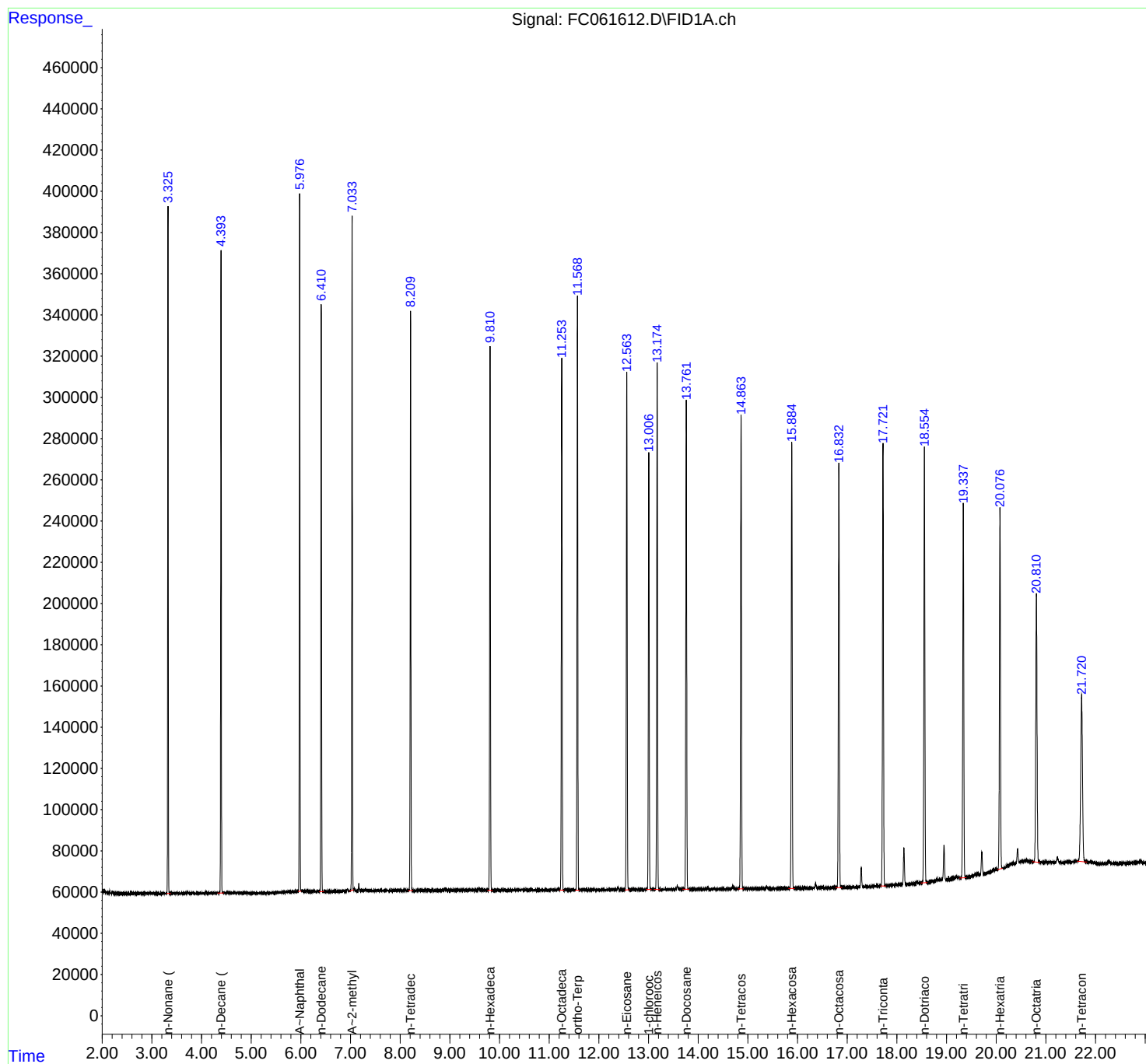
(m)=manual int.

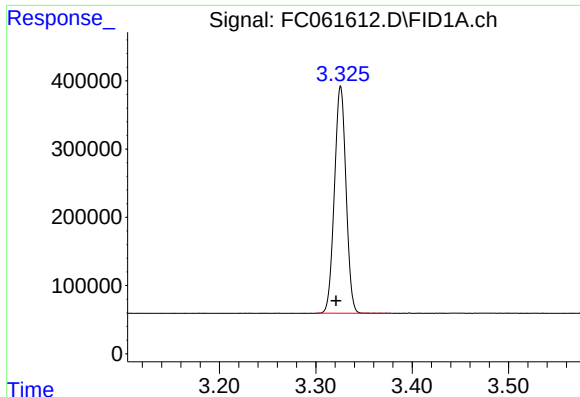
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092622AL\
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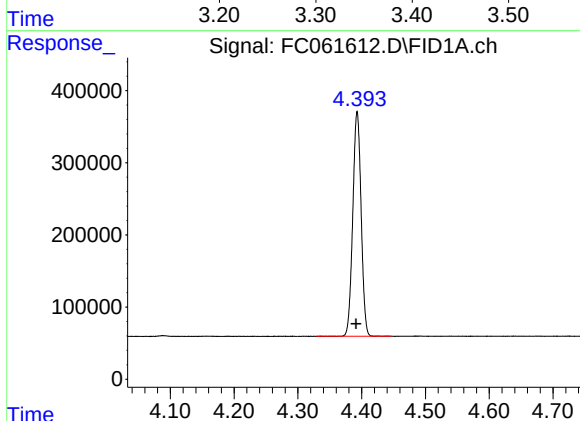




#1 n-Nonane (C9)

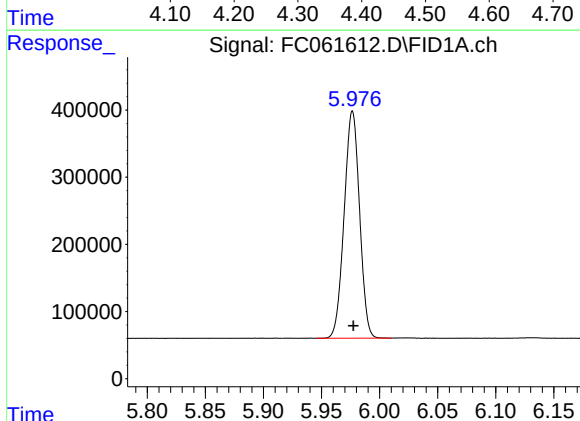
R.T.: 3.326 min
Delta R.T.: 0.005 min
Response: 2789527
Conc: 18.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



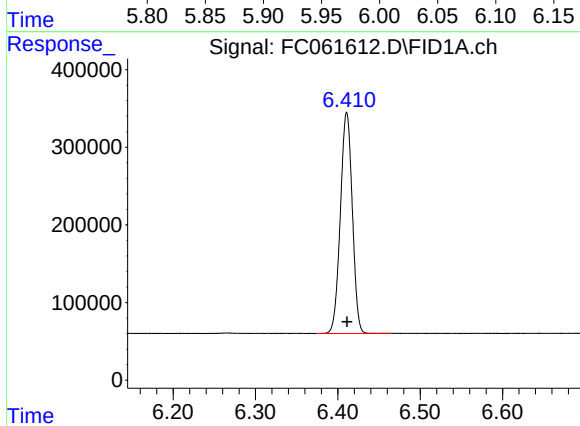
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.002 min
Response: 2833214
Conc: 18.78 ug/ml



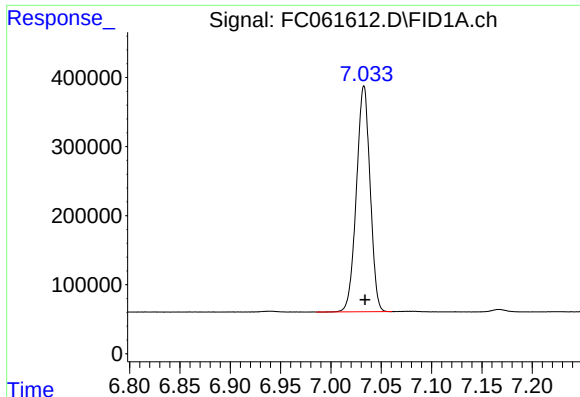
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 3123272
Conc: 18.83 ug/ml



#4 n-Dodecane (C12)

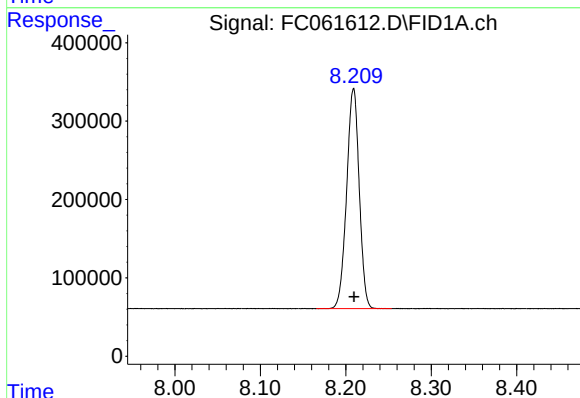
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 2863293
Conc: 18.83 ug/ml



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

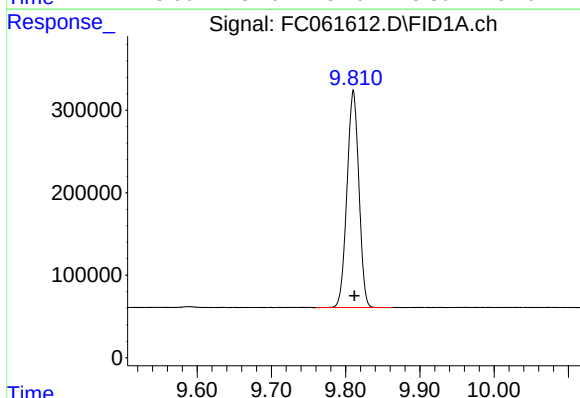
R.T.: 7.033 min
Delta R.T.: -0.001 min
Response: 3096069
Conc: 18.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



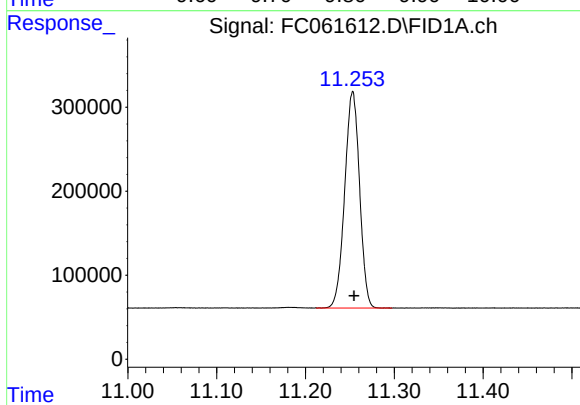
#6 n-Tetradecane (C14)

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 2878492
Conc: 18.88 ug/ml



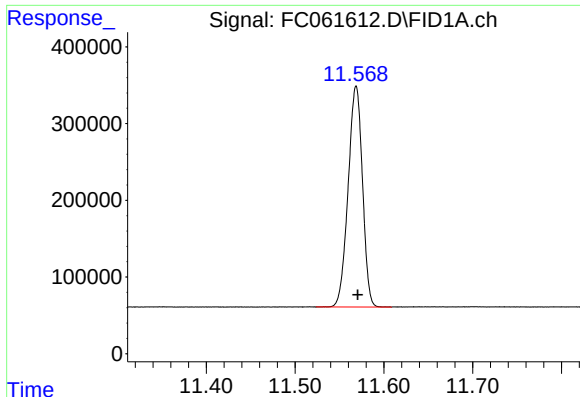
#7 n-Hexadecane (C16)

R.T.: 9.810 min
Delta R.T.: -0.002 min
Response: 2931474
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

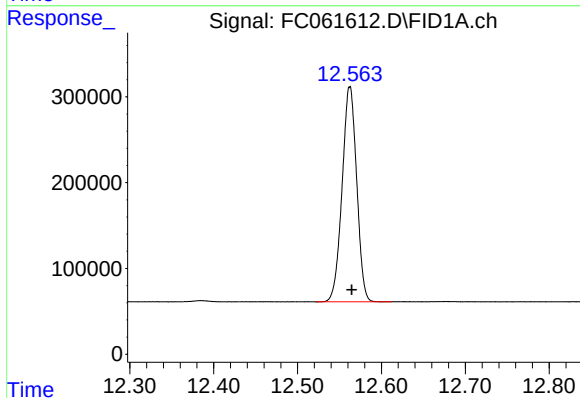
R.T.: 11.253 min
Delta R.T.: -0.002 min
Response: 2995157
Conc: 19.00 ug/ml



#9 ortho-Terphenyl (SURR)

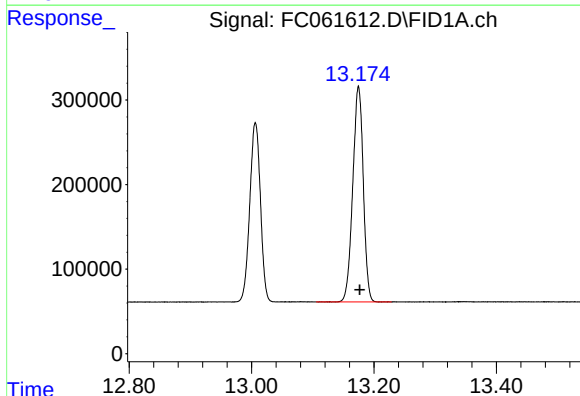
R.T.: 11.569 min
Delta R.T.: -0.002 min
Response: 3233423
Conc: 18.92 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



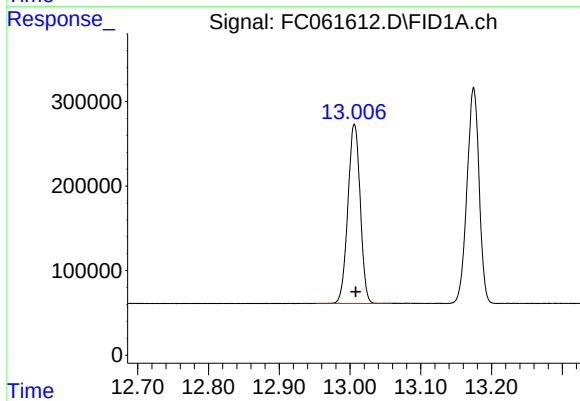
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: -0.002 min
Response: 3028459
Conc: 19.00 ug/ml



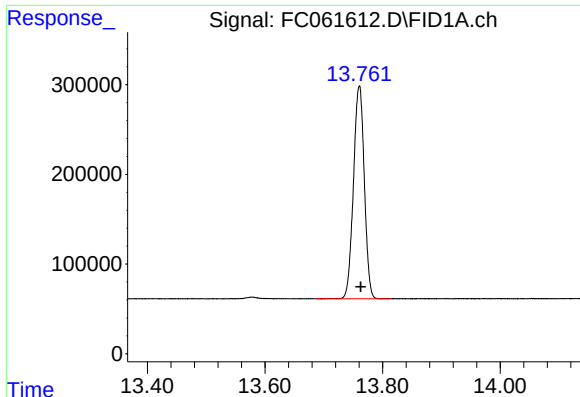
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: -0.002 min
Response: 3037595
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

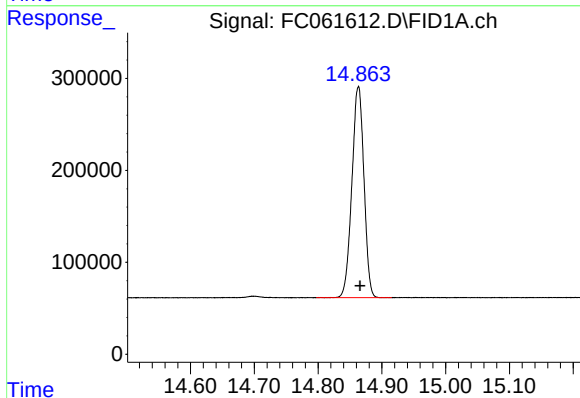
R.T.: 13.006 min
Delta R.T.: -0.002 min
Response: 2565022
Conc: 18.78 ug/ml



#13 n-Docosane (C22)

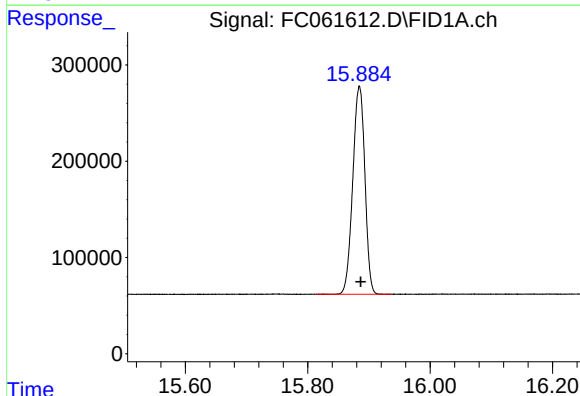
R.T.: 13.760 min
Delta R.T.: -0.003 min
Response: 3043705
Conc: 18.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



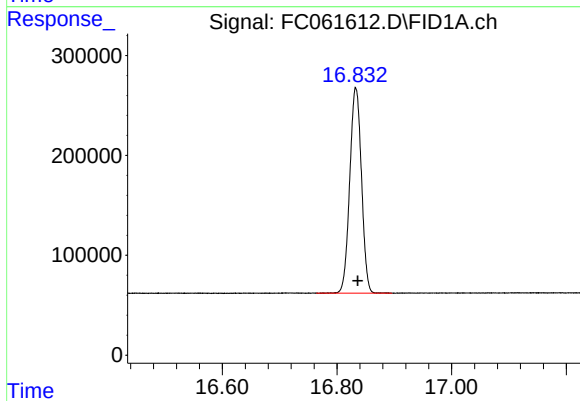
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.003 min
Response: 3015448
Conc: 18.82 ug/ml



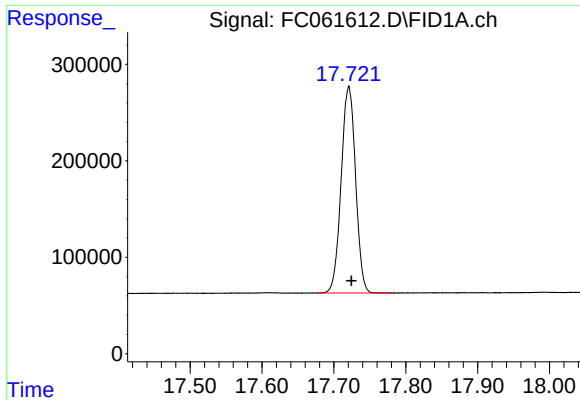
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.002 min
Response: 2968040
Conc: 18.72 ug/ml



#16 n-Octacosane (C28)

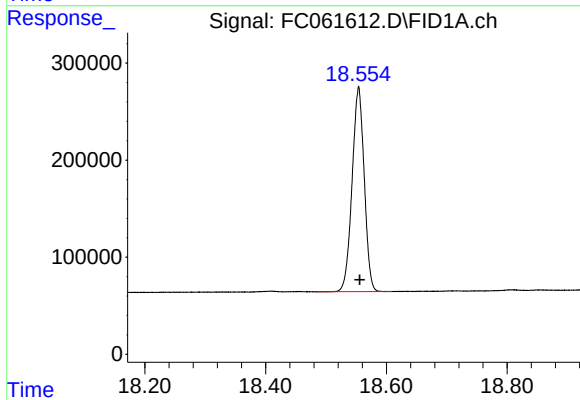
R.T.: 16.833 min
Delta R.T.: -0.003 min
Response: 2913385
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

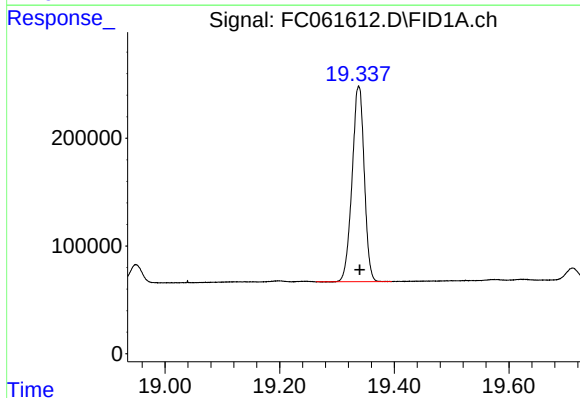
R.T.: 17.721 min
Delta R.T.: -0.003 min
Response: 2981147
Conc: 19.37 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



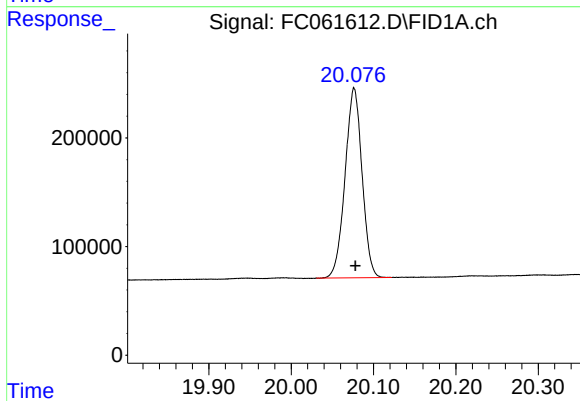
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.002 min
Response: 2939054
Conc: 19.44 ug/ml



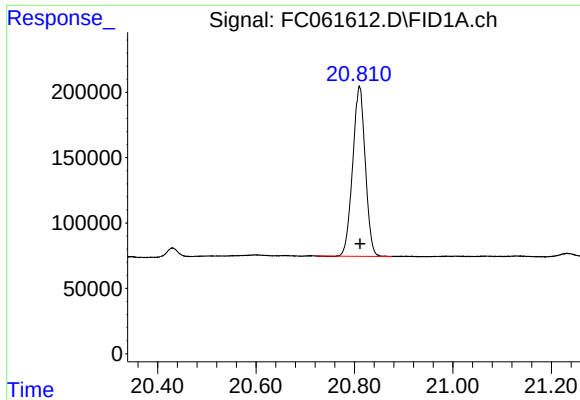
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: -0.002 min
Response: 2672248
Conc: 18.85 ug/ml



#20 n-Hexatriacontane (C36)

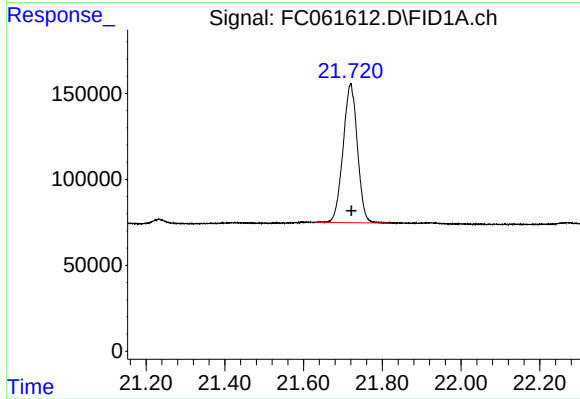
R.T.: 20.077 min
Delta R.T.: -0.002 min
Response: 2504168
Conc: 18.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: -0.001 min
Response: 2314776
Conc: 17.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.719 min
Delta R.T.: -0.002 min
Response: 2044637
Conc: 16.73 ug/ml