

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083022AL\
 Data File : FC061365.D
 Signal(s) : FID1A.ch
 Acq On : 30 Aug 2022 22:24
 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: autoint1.e
 Quant Time: Aug 31 03:38:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.645	3178828	17.957 ug/ml
Spiked Amount 50.000		Recovery =	35.91%
12) S 1-chlorooctadecane (S...	13.076	2538730	18.127 ug/ml
Spiked Amount 50.000		Recovery =	36.25%
Target Compounds			
1) T n-Nonane (C9)	3.416	2851228	18.859 ug/ml
2) T n-Decane (C10)	4.484	2883143	19.001 ug/ml
3) T A~Naphthalene (C11.7)	6.070	3237948	18.705 ug/ml
4) T n-Dodecane (C12)	6.497	2923546	18.877 ug/ml
5) T A~2-methylnaphthalene...	7.123	3266862	18.553 ug/ml
6) T n-Tetradecane (C14)	8.289	2927688	18.717 ug/ml
7) T n-Hexadecane (C16)	9.885	2919066	18.636 ug/ml
8) T n-Octadecane (C18)	11.325	2929142	18.566 ug/ml
10) T n-Eicosane (C20)	12.631	2862781	18.415 ug/ml
11) T n-Heneicosane (C21)	13.242	2835971	18.131 ug/ml
13) T n-Docosane (C22)	13.827	2822101	18.186 ug/ml
14) T n-Tetracosane (C24)	14.927	2815985	18.203 ug/ml
15) T n-Hexacosane (C26)	15.946	2710731	18.011 ug/ml
16) T n-Octacosane (C28)	16.894	2655131	17.976 ug/ml
17) T n-Tricontane (C30)	17.779	2603943	18.853 ug/ml
18) T n-Dotriacontane (C32)	18.610	2175057	19.816 ug/ml
19) T n-Tetratriacontane (C34)	19.392	1599010	20.716 ug/ml
20) T n-Hexatriacontane (C36)	20.129	1163326	20.605 ug/ml
21) T n-Octatriacontane (C38)	20.871	1014363	21.865 ug/ml
22) T n-Tetracontane (C40)	21.802	916320	21.846 ug/ml

(f)=RT Delta > 1/2 Window

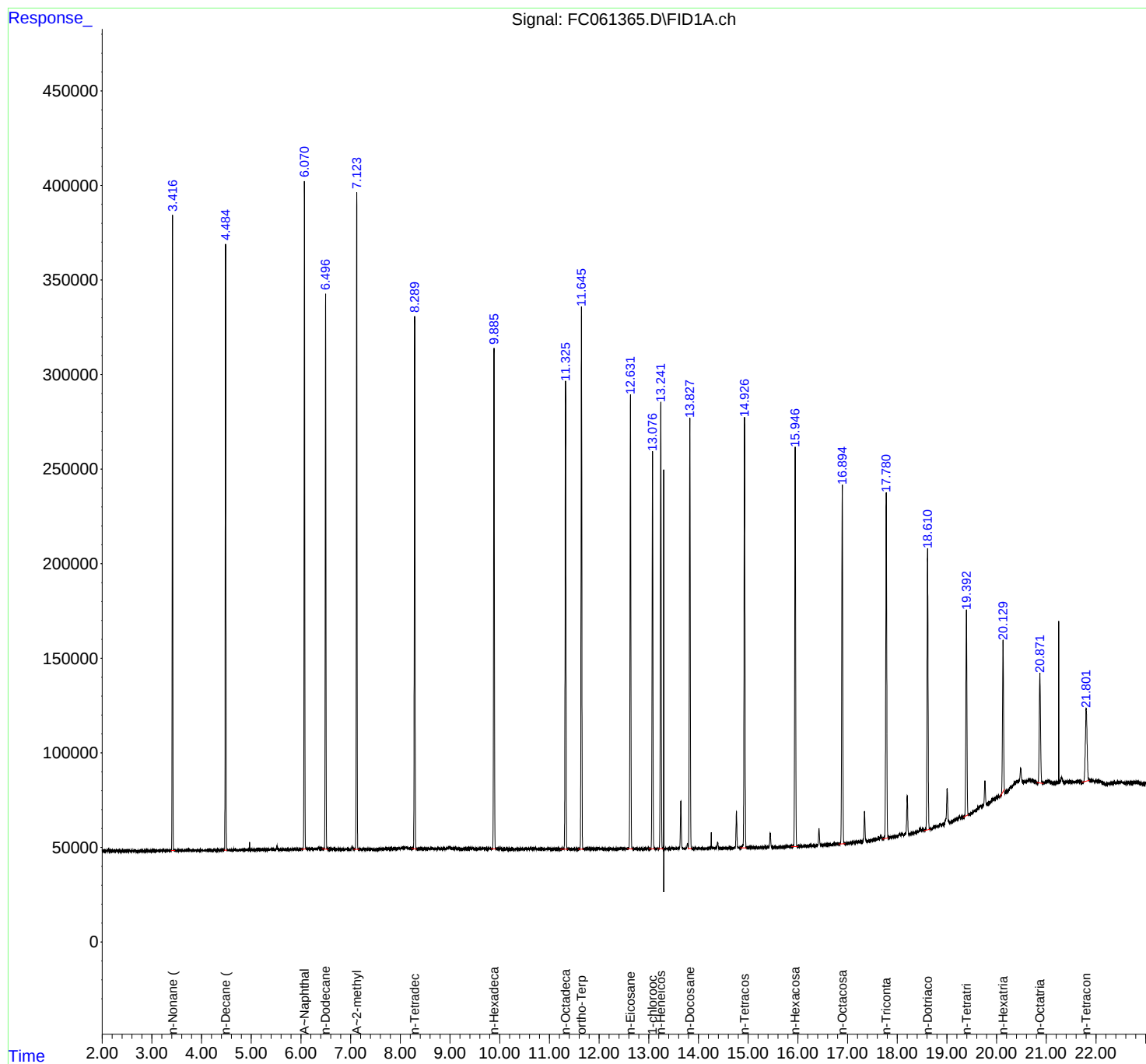
(m)=manual int.

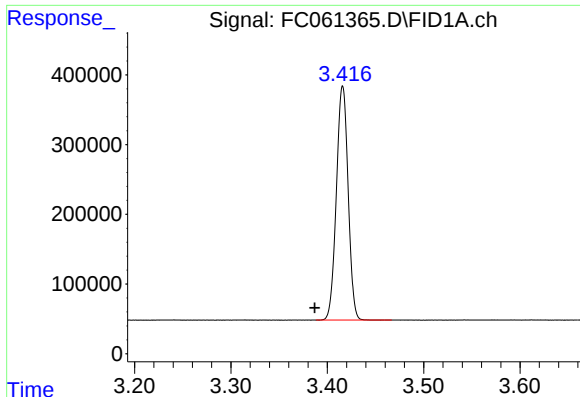
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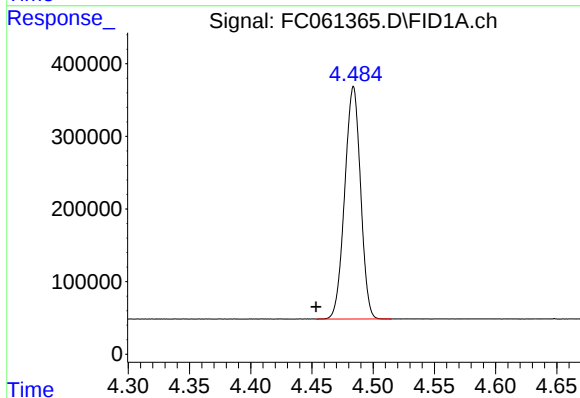




#1 n-Nonane (C9)

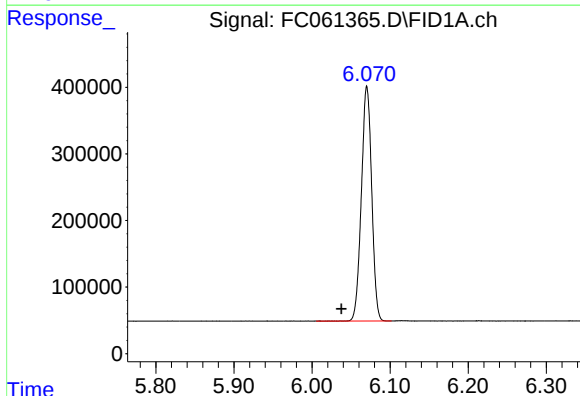
R.T.: 3.416 min
Delta R.T.: 0.029 min
Response: 2851228
Conc: 18.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



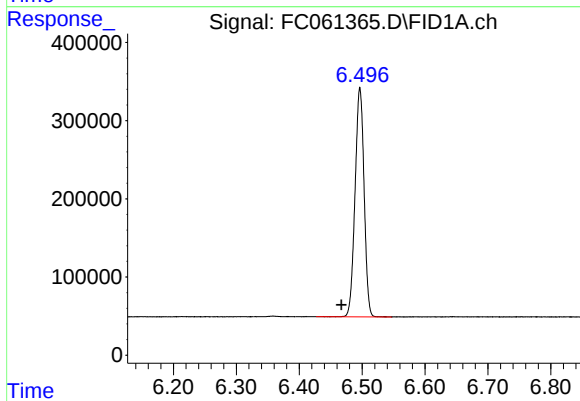
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: 0.030 min
Response: 2883143
Conc: 19.00 ug/ml



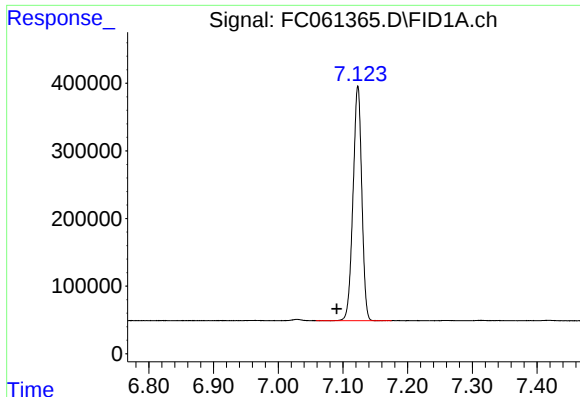
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: 0.033 min
Response: 3237948
Conc: 18.71 ug/ml



#4 n-Dodecane (C12)

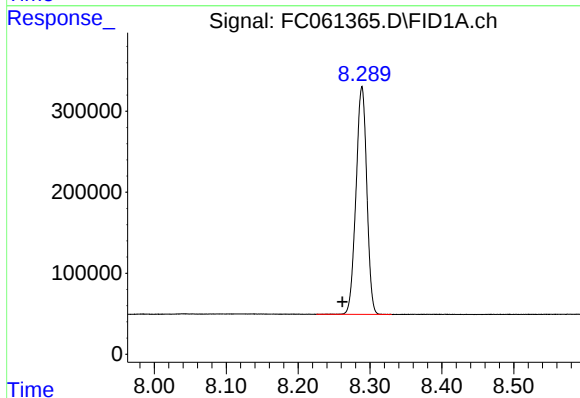
R.T.: 6.497 min
Delta R.T.: 0.029 min
Response: 2923546
Conc: 18.88 ug/ml



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

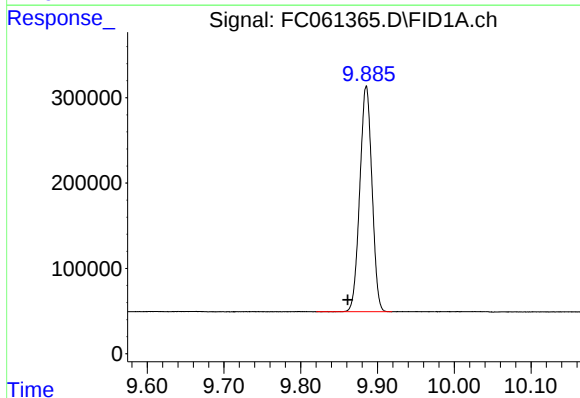
R.T.: 7.123 min
Delta R.T.: 0.032 min
Response: 3266862
Conc: 18.55 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



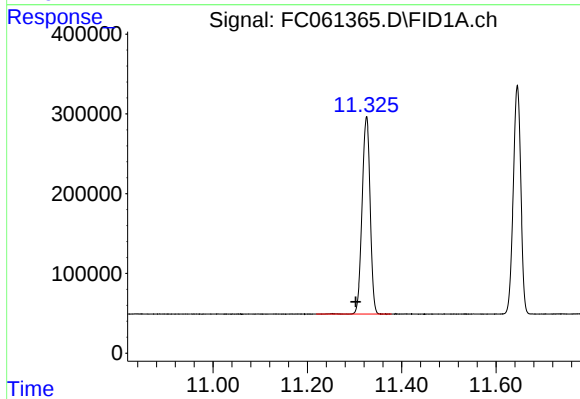
#6 n-Tetradecane (C14)

R.T.: 8.289 min
Delta R.T.: 0.027 min
Response: 2927688
Conc: 18.72 ug/ml



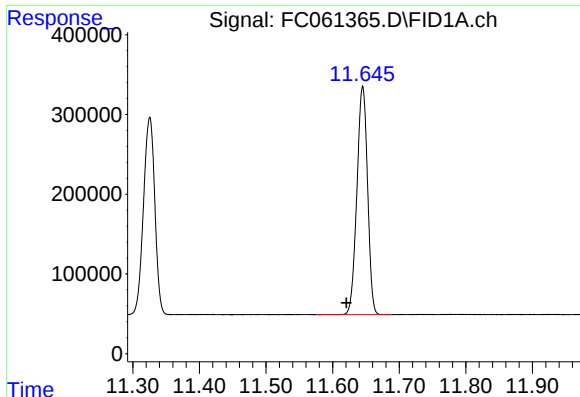
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: 0.024 min
Response: 2919066
Conc: 18.64 ug/ml



#8 n-Octadecane (C18)

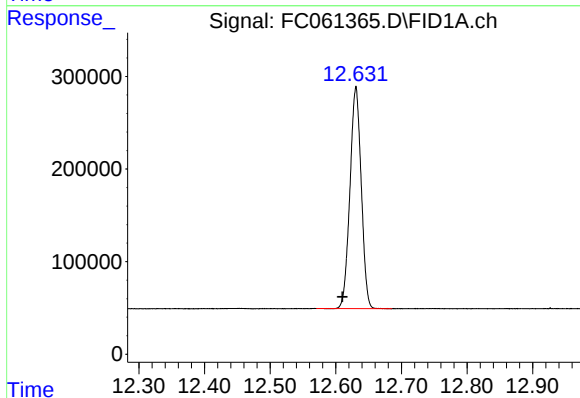
R.T.: 11.325 min
Delta R.T.: 0.023 min
Response: 2929142
Conc: 18.57 ug/ml



#9 ortho-Terphenyl (SURR)

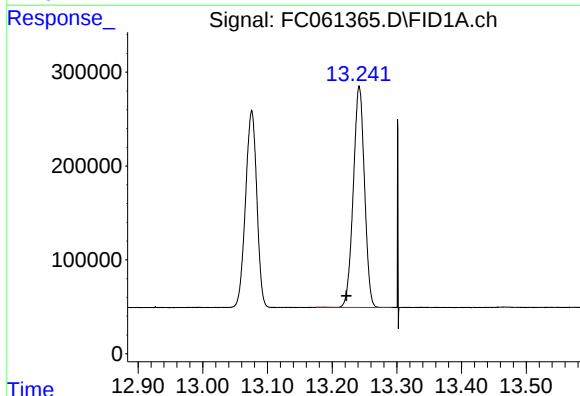
R.T.: 11.645 min
Delta R.T.: 0.025 min
Response: 3178828
Conc: 17.96 ug/ml

Instrument :
FID_C
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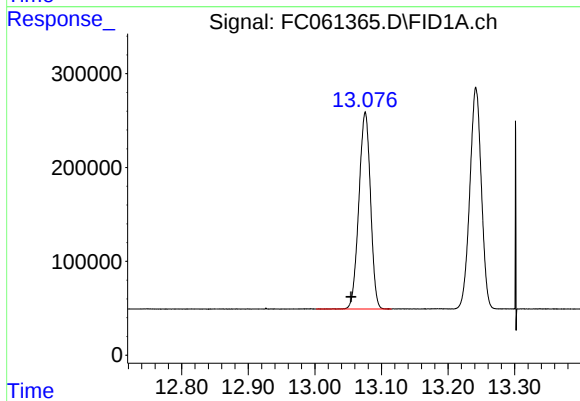
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: 0.021 min
Response: 2862781
Conc: 18.42 ug/ml



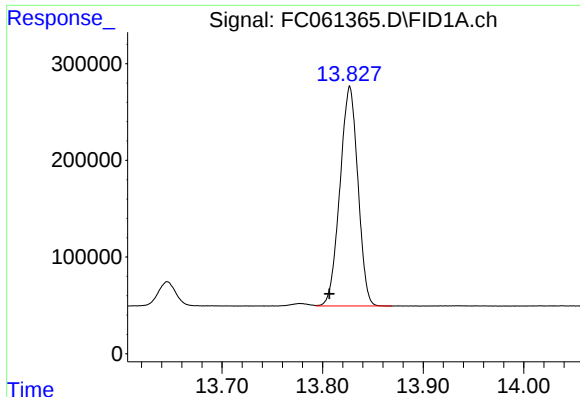
#11 n-Heneicosane (C21)

R.T.: 13.242 min
Delta R.T.: 0.020 min
Response: 2835971
Conc: 18.13 ug/ml



#12 1-chlorooctadecane (SURR)

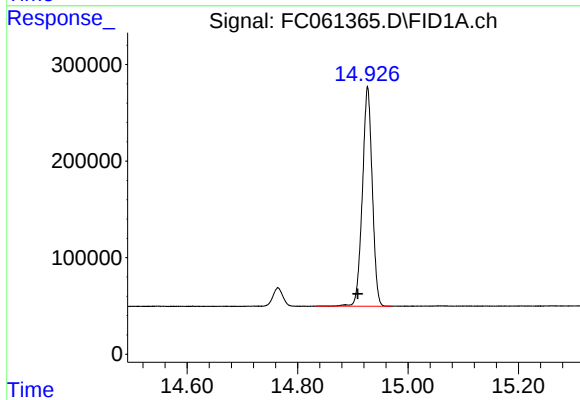
R.T.: 13.076 min
Delta R.T.: 0.021 min
Response: 2538730
Conc: 18.13 ug/ml



#13 n-Docosane (C22)

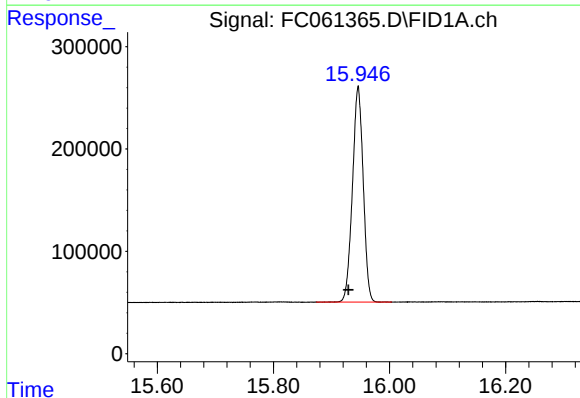
R.T.: 13.827 min
Delta R.T.: 0.020 min
Response: 2822101
Conc: 18.19 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



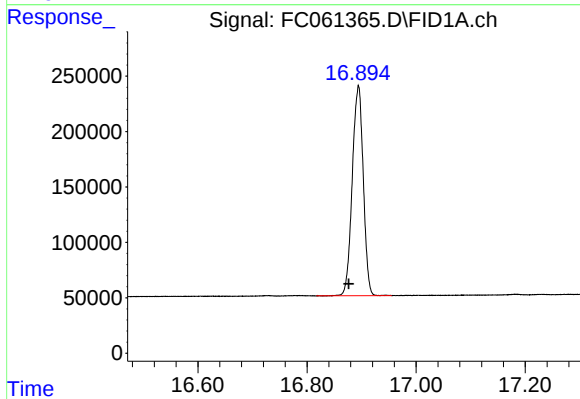
#14 n-Tetracosane (C24)

R.T.: 14.927 min
Delta R.T.: 0.018 min
Response: 2815985
Conc: 18.20 ug/ml



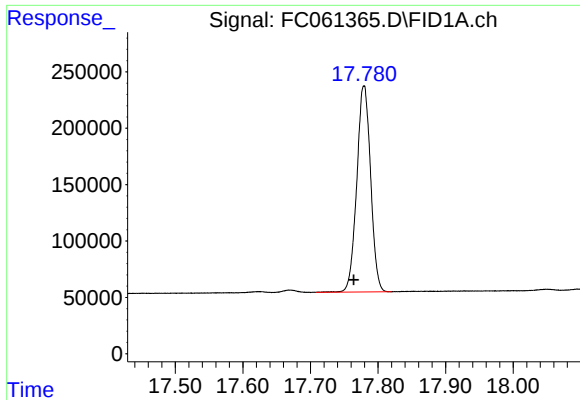
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: 0.017 min
Response: 2710731
Conc: 18.01 ug/ml



#16 n-Octacosane (C28)

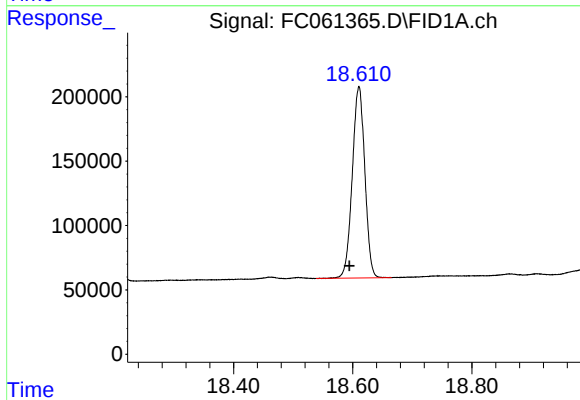
R.T.: 16.894 min
Delta R.T.: 0.017 min
Response: 2655131
Conc: 17.98 ug/ml



#17 n-Tricontane (C30)

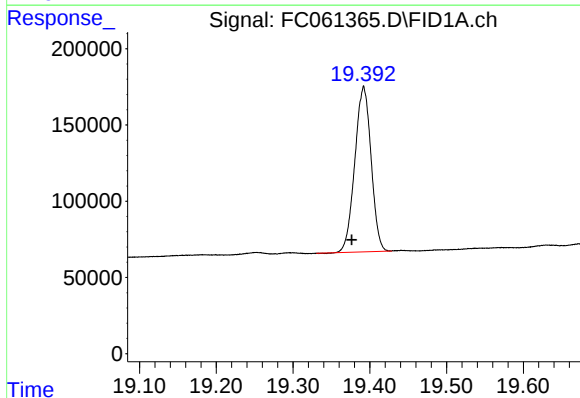
R.T.: 17.779 min
Delta R.T.: 0.015 min
Response: 2603943
Conc: 18.85 ug/ml

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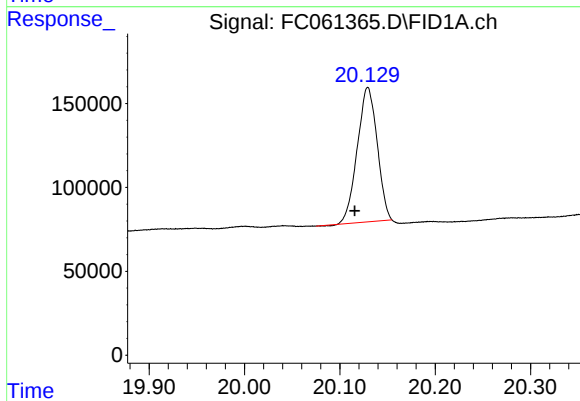
#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: 0.016 min
Response: 2175057
Conc: 19.82 ug/ml



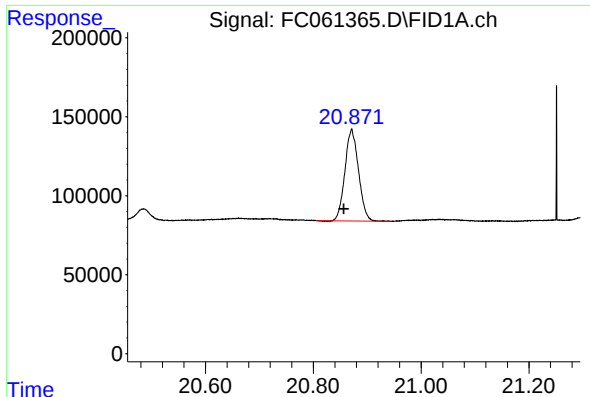
#19 n-Tetratriacontane (C34)

R.T.: 19.392 min
Delta R.T.: 0.015 min
Response: 1599010
Conc: 20.72 ug/ml



#20 n-Hexatriacontane (C36)

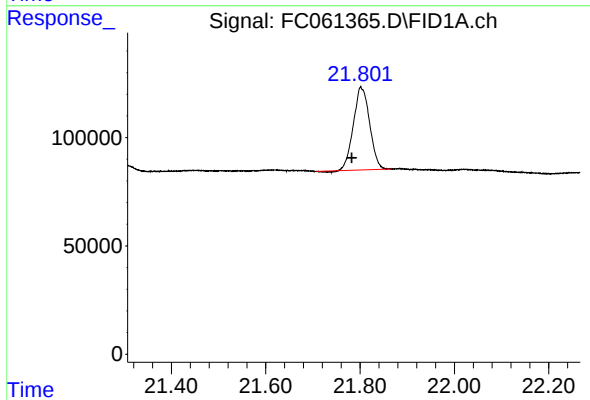
R.T.: 20.129 min
Delta R.T.: 0.014 min
Response: 1163326
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.871 min
Delta R.T.: 0.015 min
Response: 1014363
Conc: 21.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.802 min
Delta R.T.: 0.020 min
Response: 916320
Conc: 21.85 ug/ml