

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112122AL\
 Data File : FC062227.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2022 01:26
 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: Nov 22 04:50:32 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)	11.607	2747631	20.129 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	13.044	2081803	20.480 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
Target Compounds			
1) T n-Nonane (C9)	3.356	2770905	19.908 ug/ml
2) T n-Decane (C10)	4.425	2728965	20.170 ug/ml
3) T A~Naphthalene (C11.7)	6.016	2938945	20.061 ug/ml
4) T n-Dodecane (C12)	6.448	2702103	20.227 ug/ml
5) T A~2-methylnaphthalene...	7.074	2690755	20.065 ug/ml
6) T n-Tetradecane (C14)	8.245	2655290	20.341 ug/ml
7) T n-Hexadecane (C16)	9.847	2654904	20.478 ug/ml
8) T n-Octadecane (C18)	11.290	2605917	20.408 ug/ml
10) T n-Eicosane (C20)	12.599	2472590	20.341 ug/ml
11) T n-Heneicosane (C21)	13.211	2445931	20.294 ug/ml
13) T n-Docosane (C22)	13.798	2402816	20.383 ug/ml
14) T n-Tetracosane (C24)	14.900	2360827	20.517 ug/ml
15) T n-Hexacosane (C26)	15.921	2321395	20.834 ug/ml
16) T n-Octacosane (C28)	16.871	2340901	21.350 ug/ml
17) T n-Tricontane (C30)	17.757	2433266	22.220 ug/ml
18) T n-Dotriacontane (C32)	18.590	2500823	22.643 ug/ml
19) T n-Tetratriacontane (C34)	19.376	2429756	22.223 ug/ml
20) T n-Hexatriacontane (C36)	20.113	2283902	21.792 ug/ml
21) T n-Octatriacontane (C38)	20.859	2243850	21.680 ug/ml
22) T n-Tetracontane (C40)	21.786	2161091	21.052 ug/ml

(f)=RT Delta > 1/2 Window

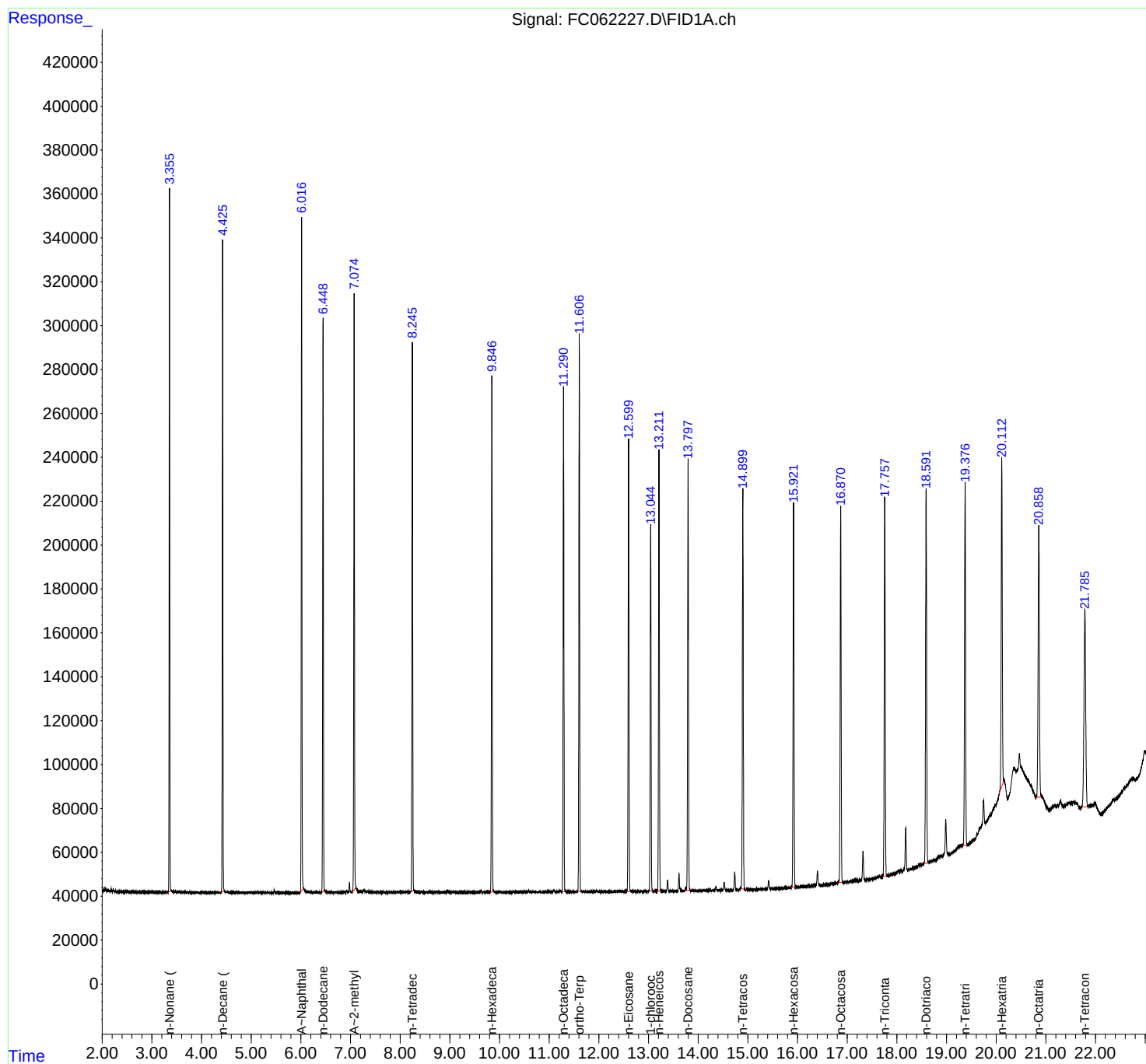
(m)=manual int.

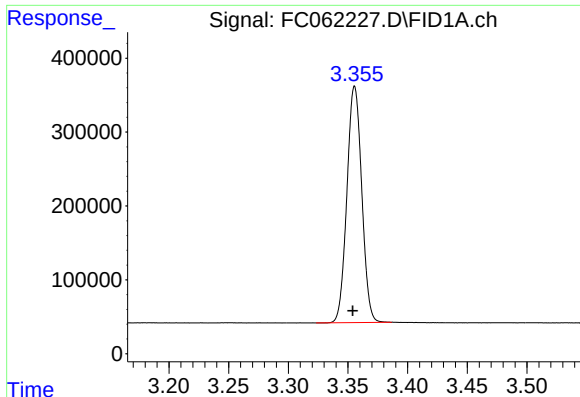
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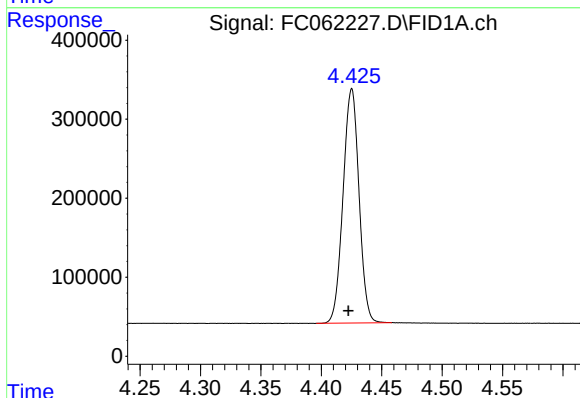




#1 n-Nonane (C9)

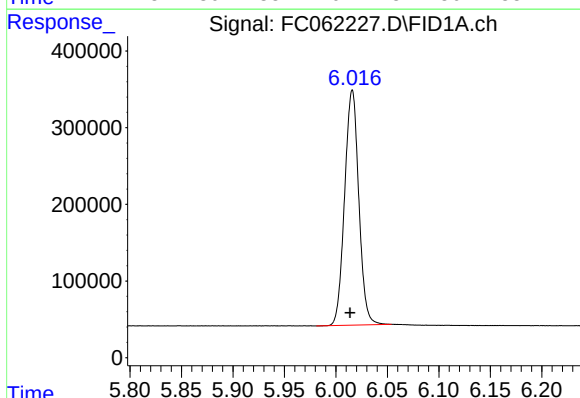
R.T.: 3.356 min
Delta R.T.: 0.002 min
Response: 2770905
Conc: 19.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



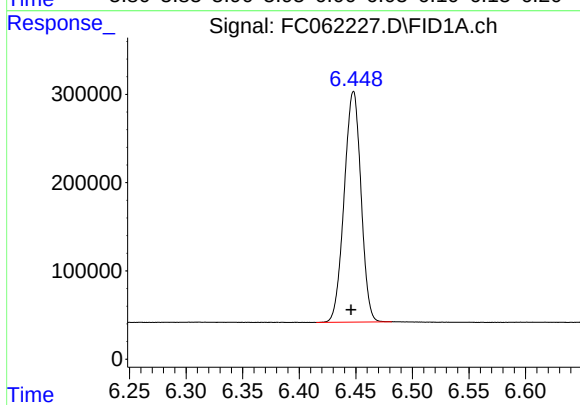
#2 n-Decane (C10)

R.T.: 4.425 min
Delta R.T.: 0.003 min
Response: 2728965
Conc: 20.17 ug/ml



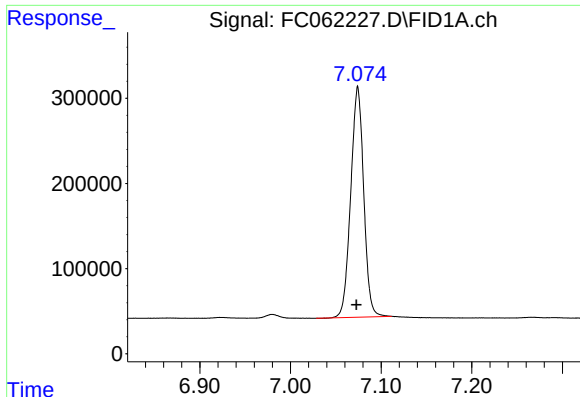
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: 0.002 min
Response: 2938945
Conc: 20.06 ug/ml



#4 n-Dodecane (C12)

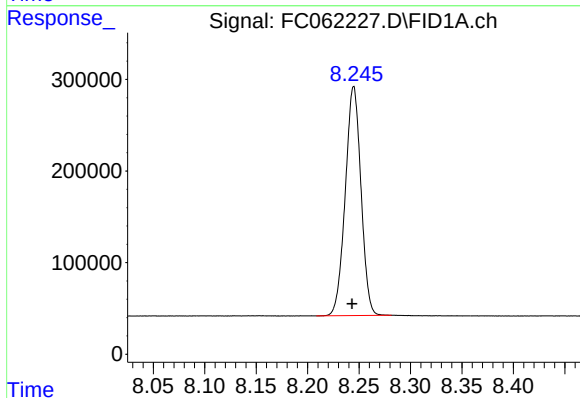
R.T.: 6.448 min
Delta R.T.: 0.002 min
Response: 2702103
Conc: 20.23 ug/ml



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

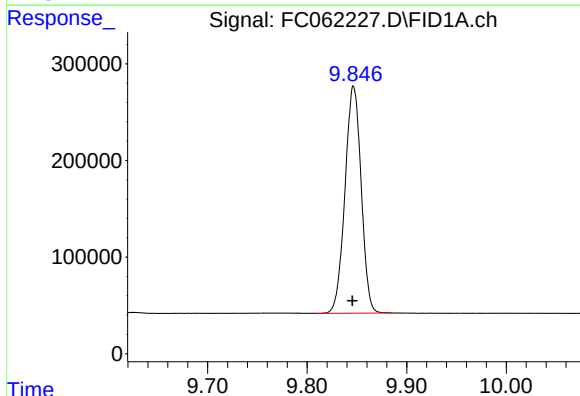
R.T.: 7.074 min
Delta R.T.: 0.001 min
Response: 2690755
Conc: 20.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



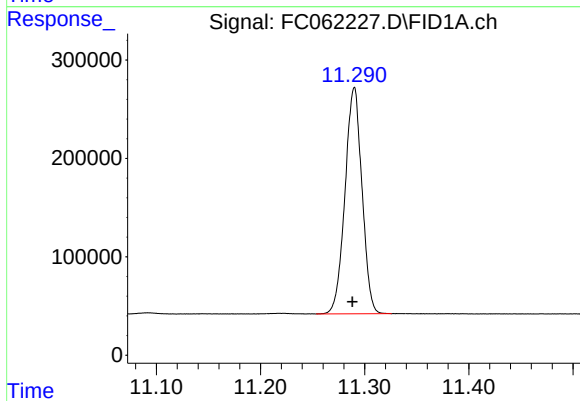
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: 0.002 min
Response: 2655290
Conc: 20.34 ug/ml



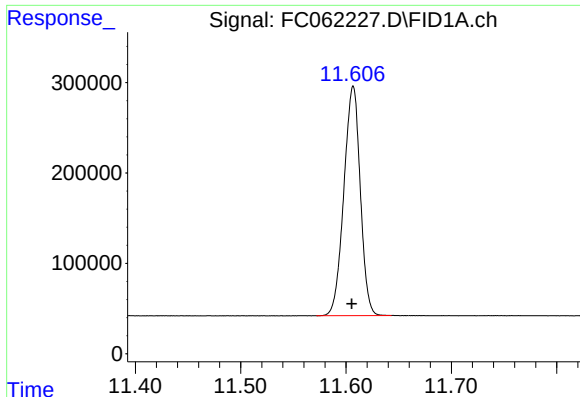
#7 n-Hexadecane (C16)

R.T.: 9.847 min
Delta R.T.: 0.001 min
Response: 2654904
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

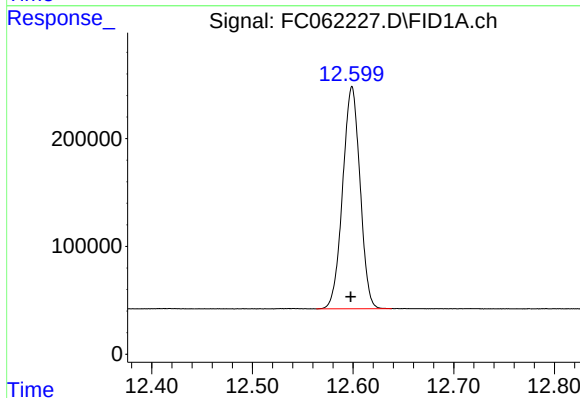
R.T.: 11.290 min
Delta R.T.: 0.002 min
Response: 2605917
Conc: 20.41 ug/ml



#9 ortho-Terphenyl (SURR)

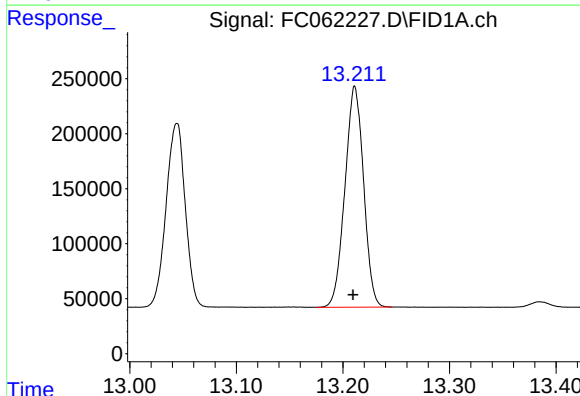
R.T.: 11.607 min
Delta R.T.: 0.001 min
Response: 2747631
Conc: 20.13 ug/ml

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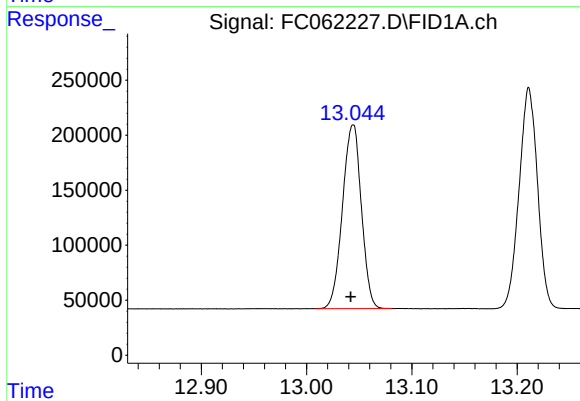
#10 n-Eicosane (C20)

R.T.: 12.599 min
Delta R.T.: 0.001 min
Response: 2472590
Conc: 20.34 ug/ml



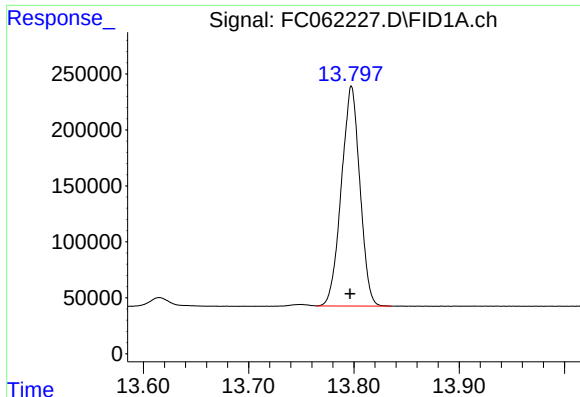
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: 0.002 min
Response: 2445931
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

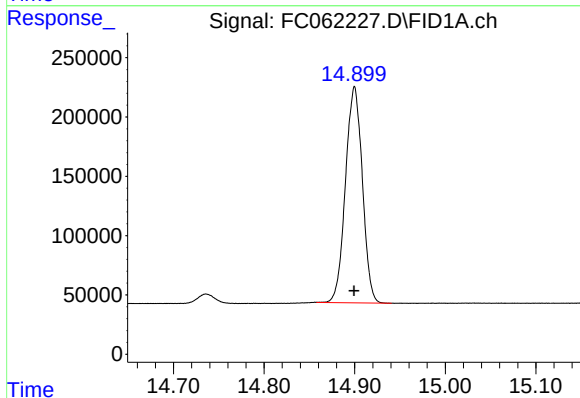
R.T.: 13.044 min
Delta R.T.: 0.002 min
Response: 2081803
Conc: 20.48 ug/ml



#13 n-Docosane (C22)

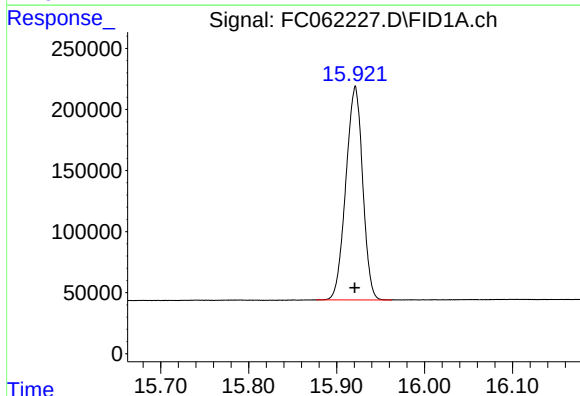
R.T.: 13.798 min
Delta R.T.: 0.001 min
Response: 2402816
Conc: 20.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



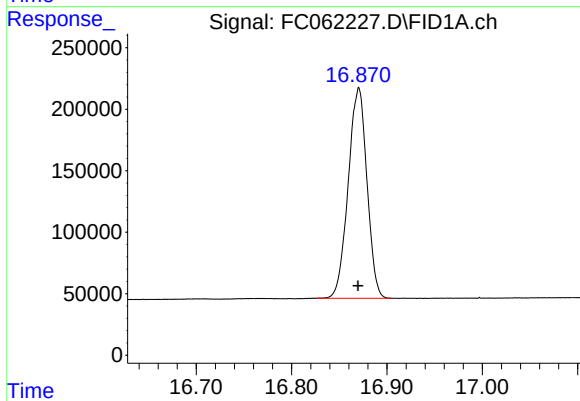
#14 n-Tetracosane (C24)

R.T.: 14.900 min
Delta R.T.: 0.000 min
Response: 2360827
Conc: 20.52 ug/ml



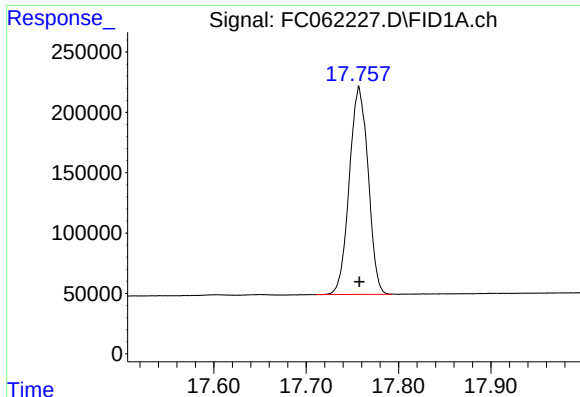
#15 n-Hexacosane (C26)

R.T.: 15.921 min
Delta R.T.: 0.000 min
Response: 2321395
Conc: 20.83 ug/ml



#16 n-Octacosane (C28)

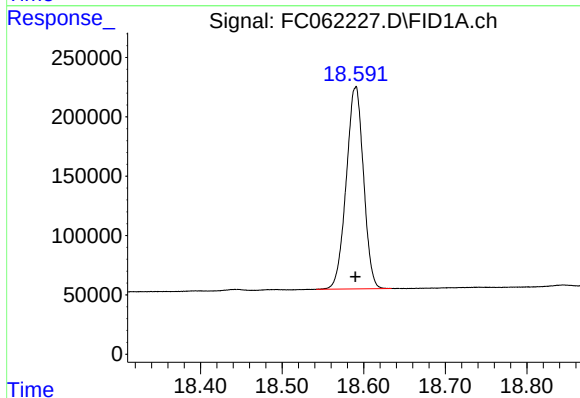
R.T.: 16.871 min
Delta R.T.: 0.000 min
Response: 2340901
Conc: 21.35 ug/ml



#17 n-Tricontane (C30)

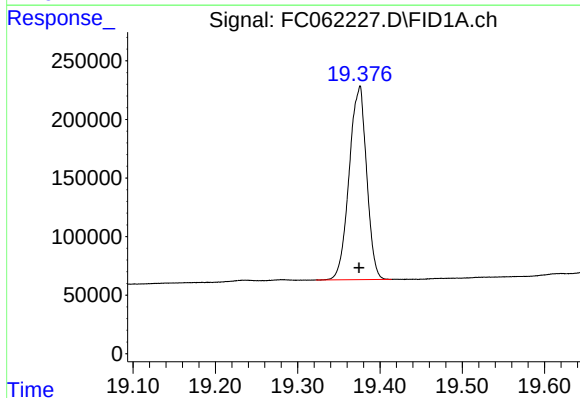
R.T.: 17.757 min
Delta R.T.: 0.000 min
Response: 2433266
Conc: 22.22 ug/ml

Instrument :
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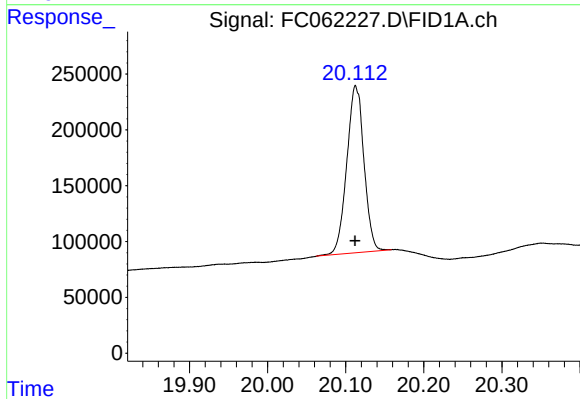
#18 n-Dotriacontane (C32)

R.T.: 18.590 min
Delta R.T.: 0.000 min
Response: 2500823
Conc: 22.64 ug/ml



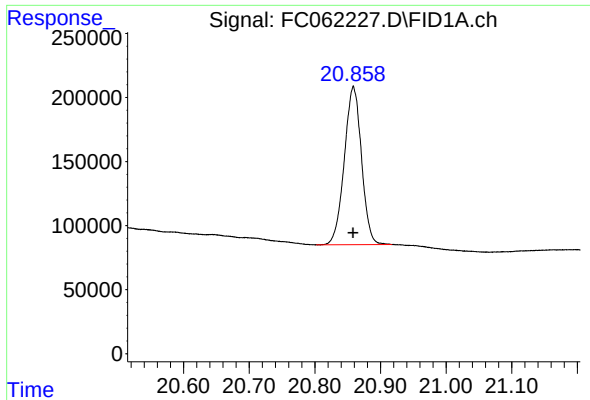
#19 n-Tetratriacontane (C34)

R.T.: 19.376 min
Delta R.T.: 0.001 min
Response: 2429756
Conc: 22.22 ug/ml



#20 n-Hexatriacontane (C36)

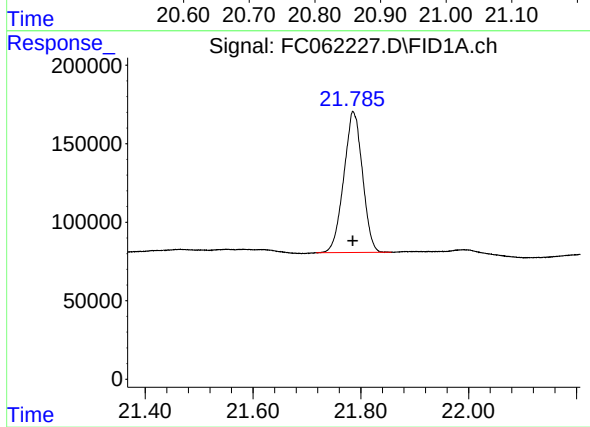
R.T.: 20.113 min
Delta R.T.: 0.000 min
Response: 2283902
Conc: 21.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.859 min
Delta R.T.: 0.000 min
Response: 2243850
Conc: 21.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.786 min
Delta R.T.: 0.000 min
Response: 2161091
Conc: 21.05 ug/ml