

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112222AL\
 Data File : FC062242.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2022 13:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 23 02:55:30 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)	11.605	2499552	18.312 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
12) S 1-chlorooctadecane (S...	13.043	1942806	19.113 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
Target Compounds			
1) T n-Nonane (C9)	3.360	2770940	19.909 ug/ml
2) T n-Decane (C10)	4.428	2773634	20.500 ug/ml
3) T A~Naphthalene (C11.7)	6.016	2839416	19.381 ug/ml
4) T n-Dodecane (C12)	6.448	2732406	20.453 ug/ml
5) T A~2-methylnaphthalene...	7.074	2725537	20.325 ug/ml
6) T n-Tetradecane (C14)	8.245	2622285	20.088 ug/ml
7) T n-Hexadecane (C16)	9.846	2557744	19.728 ug/ml
8) T n-Octadecane (C18)	11.289	2489700	19.498 ug/ml
10) T n-Eicosane (C20)	12.598	2399669	19.741 ug/ml
11) T n-Heneicosane (C21)	13.210	2355450	19.544 ug/ml
13) T n-Docosane (C22)	13.796	2306792	19.568 ug/ml
14) T n-Tetracosane (C24)	14.899	2242562	19.489 ug/ml
15) T n-Hexacosane (C26)	15.919	2188425	19.641 ug/ml
16) T n-Octacosane (C28)	16.869	2153518	19.641 ug/ml
17) T n-Tricontane (C30)	17.757	2253812	20.581 ug/ml
18) T n-Dotriacontane (C32)	18.587	2324425	21.046 ug/ml
19) T n-Tetratriacontane (C34)	19.371	2274484	20.803 ug/ml
20) T n-Hexatriacontane (C36)	20.111	2197963	20.972 ug/ml
21) T n-Octatriacontane (C38)	20.853	2167551	20.943 ug/ml
22) T n-Tetracontane (C40)	21.779	2101820	20.475 ug/ml

(f)=RT Delta > 1/2 Window

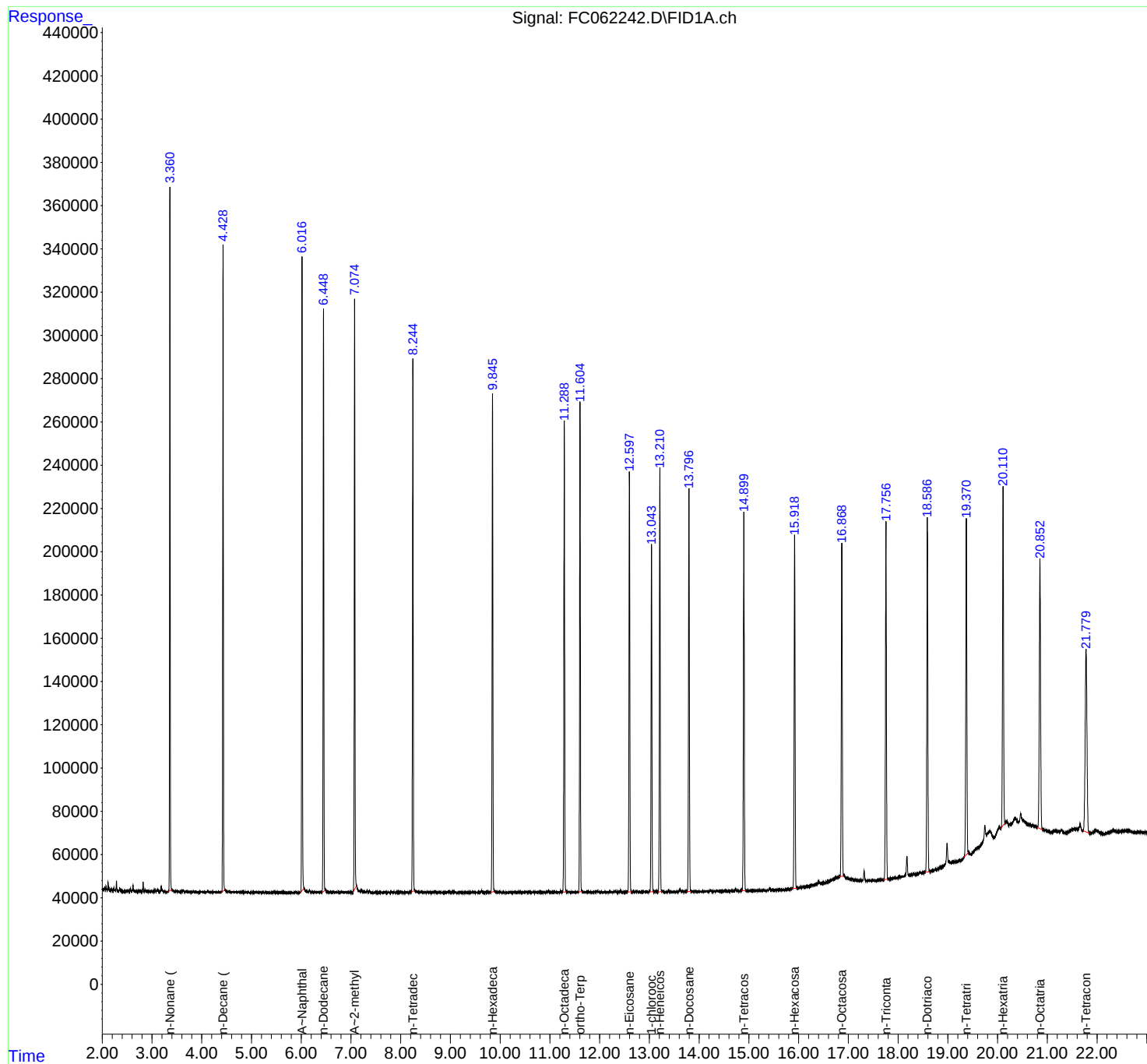
(m)=manual int.

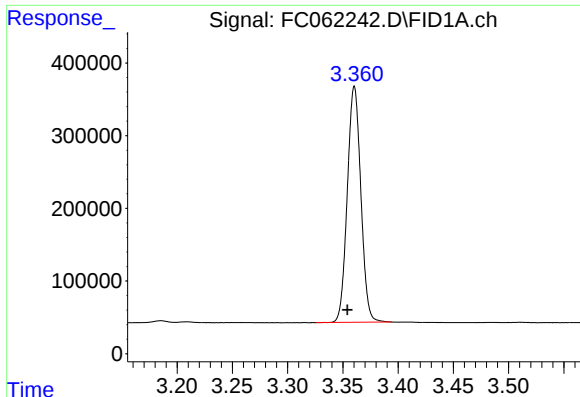
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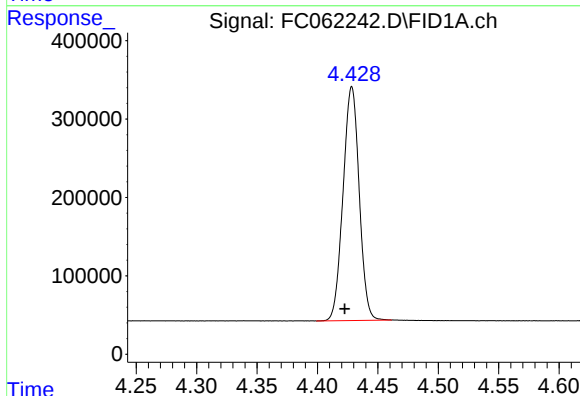




#1 n-Nonane (C9)

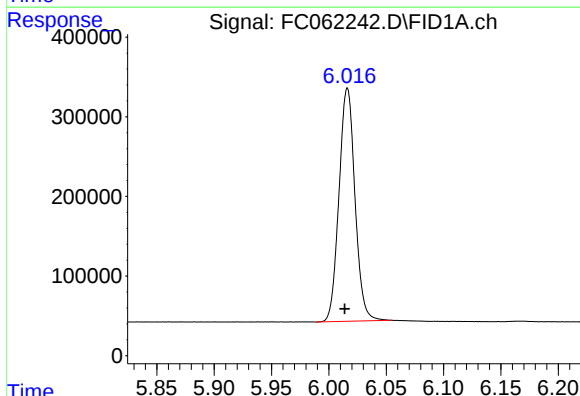
R.T.: 3.360 min
Delta R.T.: 0.006 min
Response: 2770940
Conc: 19.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



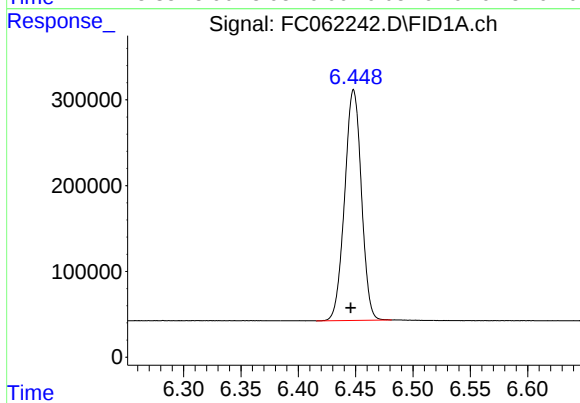
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: 0.006 min
Response: 2773634
Conc: 20.50 ug/ml



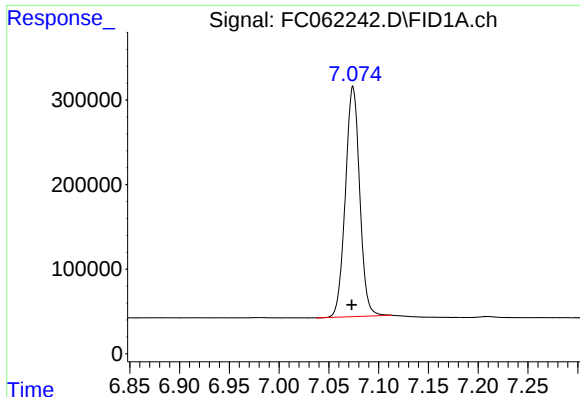
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: 0.003 min
Response: 2839416
Conc: 19.38 ug/ml



#4 n-Dodecane (C12)

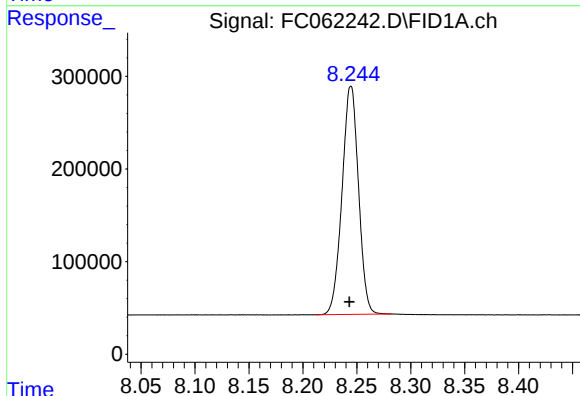
R.T.: 6.448 min
Delta R.T.: 0.002 min
Response: 2732406
Conc: 20.45 ug/ml



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

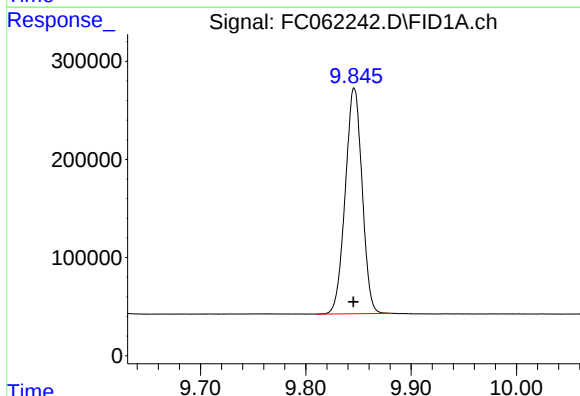
R.T.: 7.074 min
Delta R.T.: 0.001 min
Response: 2725537
Conc: 20.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



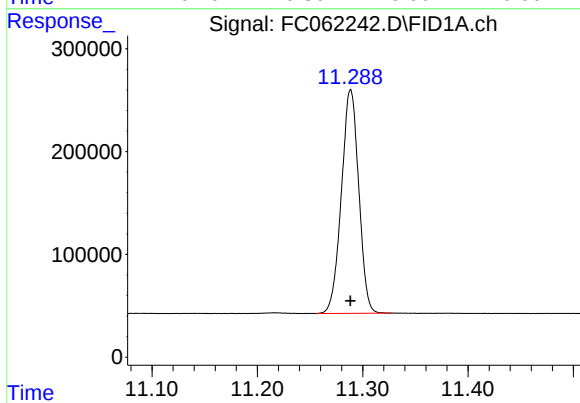
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: 0.001 min
Response: 2622285
Conc: 20.09 ug/ml



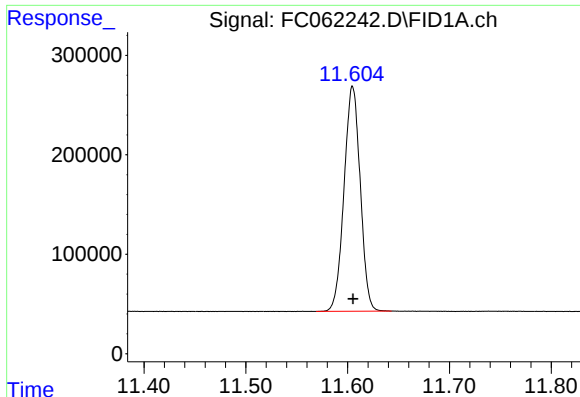
#7 n-Hexadecane (C16)

R.T.: 9.846 min
Delta R.T.: 0.000 min
Response: 2557744
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

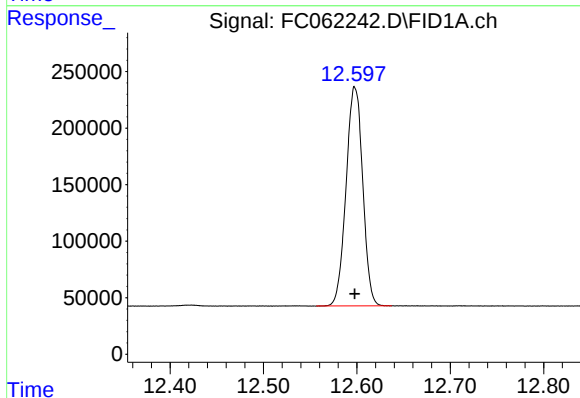
R.T.: 11.289 min
Delta R.T.: 0.000 min
Response: 2489700
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

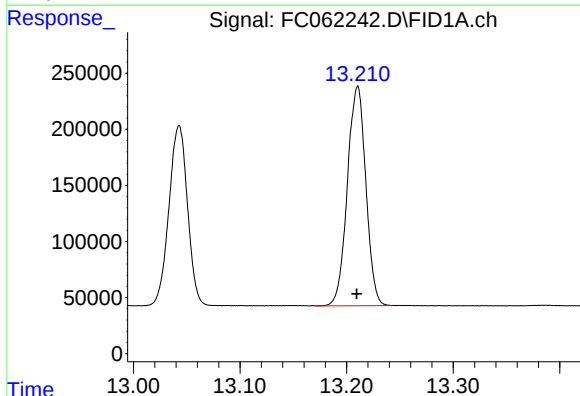
R.T.: 11.605 min
Delta R.T.: 0.000 min
Response: 2499552
Conc: 18.31 ug/ml

Instrument :
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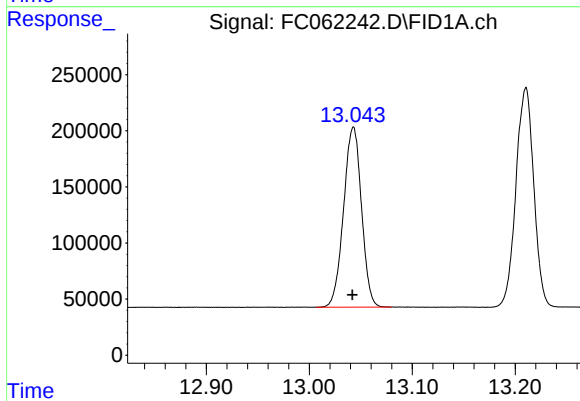
#10 n-Eicosane (C20)

R.T.: 12.598 min
Delta R.T.: 0.000 min
Response: 2399669
Conc: 19.74 ug/ml



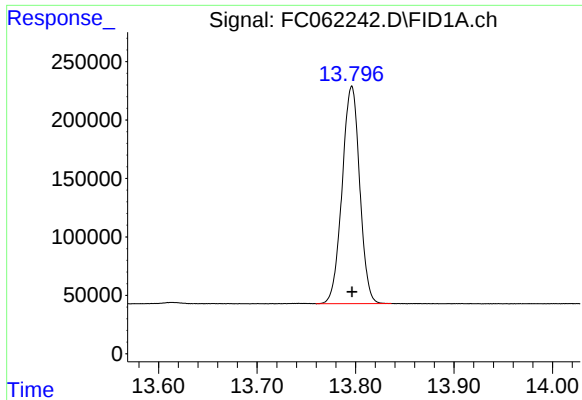
#11 n-Heneicosane (C21)

R.T.: 13.210 min
Delta R.T.: 0.000 min
Response: 2355450
Conc: 19.54 ug/ml



#12 1-chlorooctadecane (SURR)

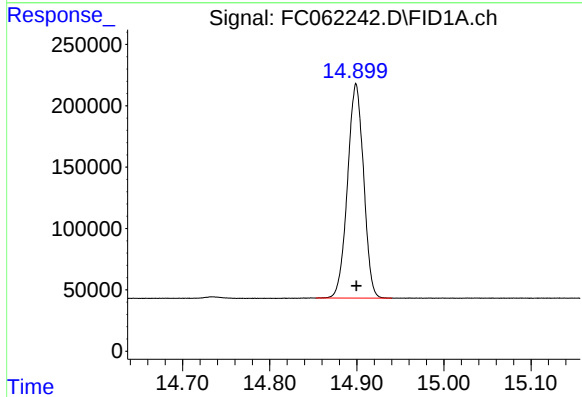
R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 1942806
Conc: 19.11 ug/ml



#13 n-Docosane (C22)

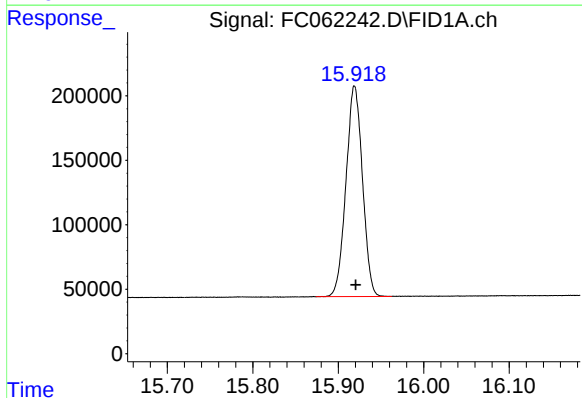
R.T.: 13.796 min
Delta R.T.: 0.000 min
Response: 2306792
Conc: 19.57 ug/ml

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20 PPM ALIPHATIC HC STD



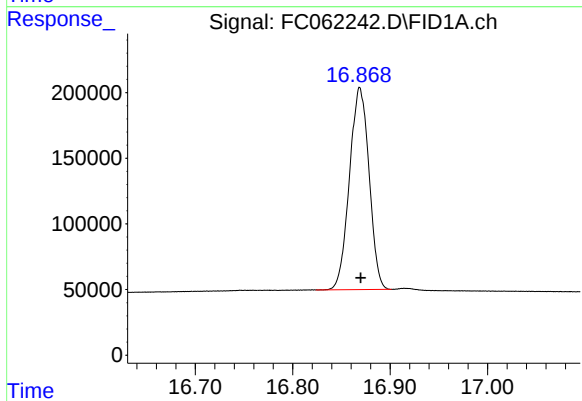
#14 n-Tetracosane (C24)

R.T.: 14.899 min
Delta R.T.: 0.000 min
Response: 2242562
Conc: 19.49 ug/ml



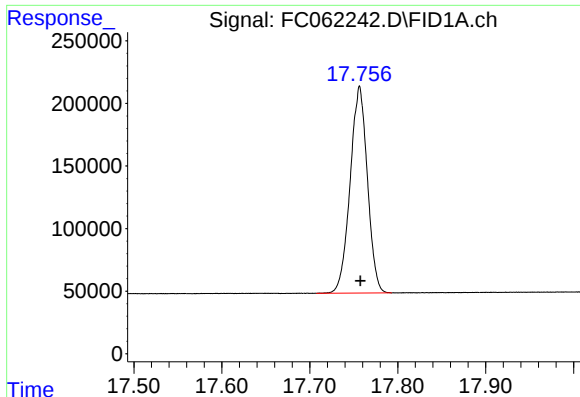
#15 n-Hexacosane (C26)

R.T.: 15.919 min
Delta R.T.: -0.001 min
Response: 2188425
Conc: 19.64 ug/ml



#16 n-Octacosane (C28)

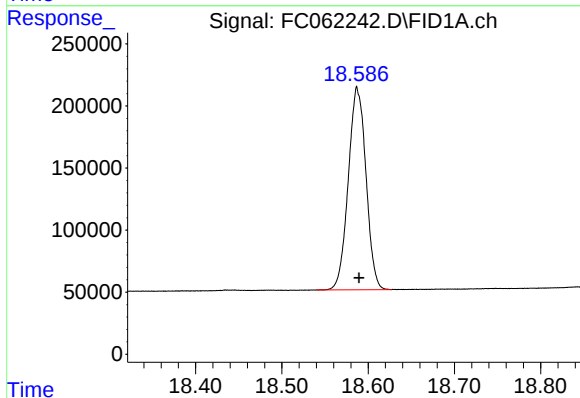
R.T.: 16.869 min
Delta R.T.: -0.001 min
Response: 2153518
Conc: 19.64 ug/ml



#17 n-Tricontane (C30)

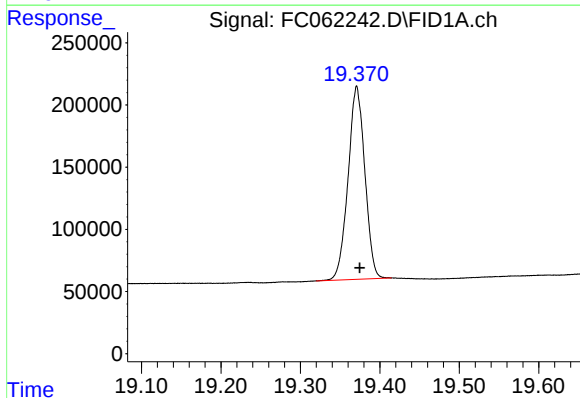
R.T.: 17.757 min
Delta R.T.: 0.000 min
Response: 2253812
Conc: 20.58 ug/ml

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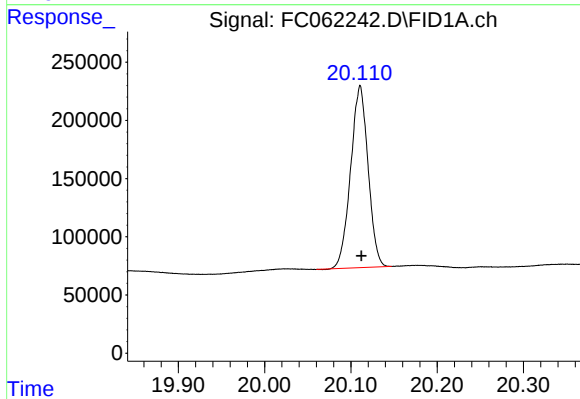
#18 n-Dotriacontane (C32)

R.T.: 18.587 min
Delta R.T.: -0.002 min
Response: 2324425
Conc: 21.05 ug/ml



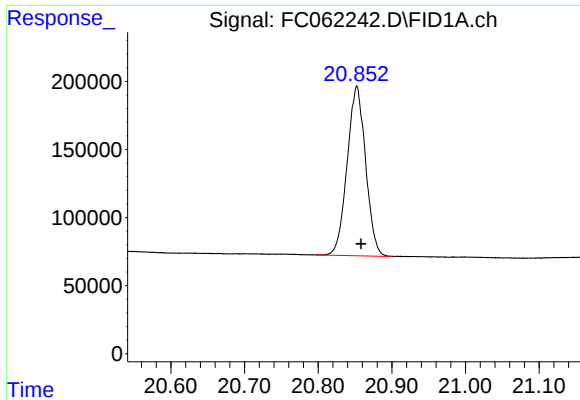
#19 n-Tetratriacontane (C34)

R.T.: 19.371 min
Delta R.T.: -0.004 min
Response: 2274484
Conc: 20.80 ug/ml



#20 n-Hexatriacontane (C36)

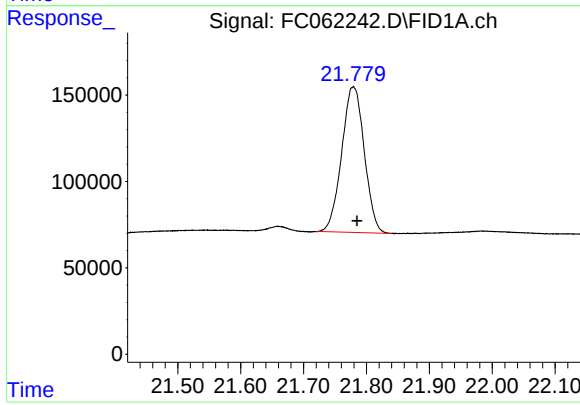
R.T.: 20.111 min
Delta R.T.: -0.001 min
Response: 2197963
Conc: 20.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.853 min
Delta R.T.: -0.006 min
Response: 2167551
Conc: 20.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.779 min
Delta R.T.: -0.006 min
Response: 2101820
Conc: 20.48 ug/ml