

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111022AL\
 Data File : FC062162.D
 Signal(s) : FID1A.ch
 Acq On : 11 Nov 2022 04:32
 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 11 05:05:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.593	2438029	16.402 ug/ml
Spiked Amount 50.000		Recovery =	32.80%
12) S 1-chlorooctadecane (S...	13.031	1896509	16.279 ug/ml
Spiked Amount 50.000		Recovery =	32.56%
Target Compounds			
1) T n-Nonane (C9)	3.354	2414372	17.164 ug/ml
2) T n-Decane (C10)	4.421	2522844	17.674 ug/ml
3) T A~Naphthalene (C11.7)	6.007	2557488	16.569 ug/ml
4) T n-Dodecane (C12)	6.440	2524648	17.391 ug/ml
5) T A~2-methylnaphthalene...	7.065	2490222	16.416 ug/ml
6) T n-Tetradecane (C14)	8.236	2465044	16.958 ug/ml
7) T n-Hexadecane (C16)	9.836	2428698	16.678 ug/ml
8) T n-Octadecane (C18)	11.278	2386619	16.512 ug/ml
10) T n-Eicosane (C20)	12.585	2317006	16.417 ug/ml
11) T n-Heneicosane (C21)	13.196	2266406	16.334 ug/ml
13) T n-Docosane (C22)	13.783	2254244	16.443 ug/ml
14) T n-Tetracosane (C24)	14.883	2218602	16.791 ug/ml
15) T n-Hexacosane (C26)	15.903	2234057	17.730 ug/ml
16) T n-Octacosane (C28)	16.849	2354367	19.521 ug/ml
17) T n-Tricontane (C30)	17.735	2734750	22.984 ug/ml
18) T n-Dotriacontane (C32)	18.566	2902608	24.636 ug/ml
19) T n-Tetratriacontane (C34)	19.346	2664110	23.582 ug/ml
20) T n-Hexatriacontane (C36)	20.084	2445862	21.567 ug/ml
21) T n-Octatriacontane (C38)	20.823	2252691	20.021 ug/ml
22) T n-Tetracontane (C40)	21.740	2114257	18.832 ug/ml

(f)=RT Delta > 1/2 Window

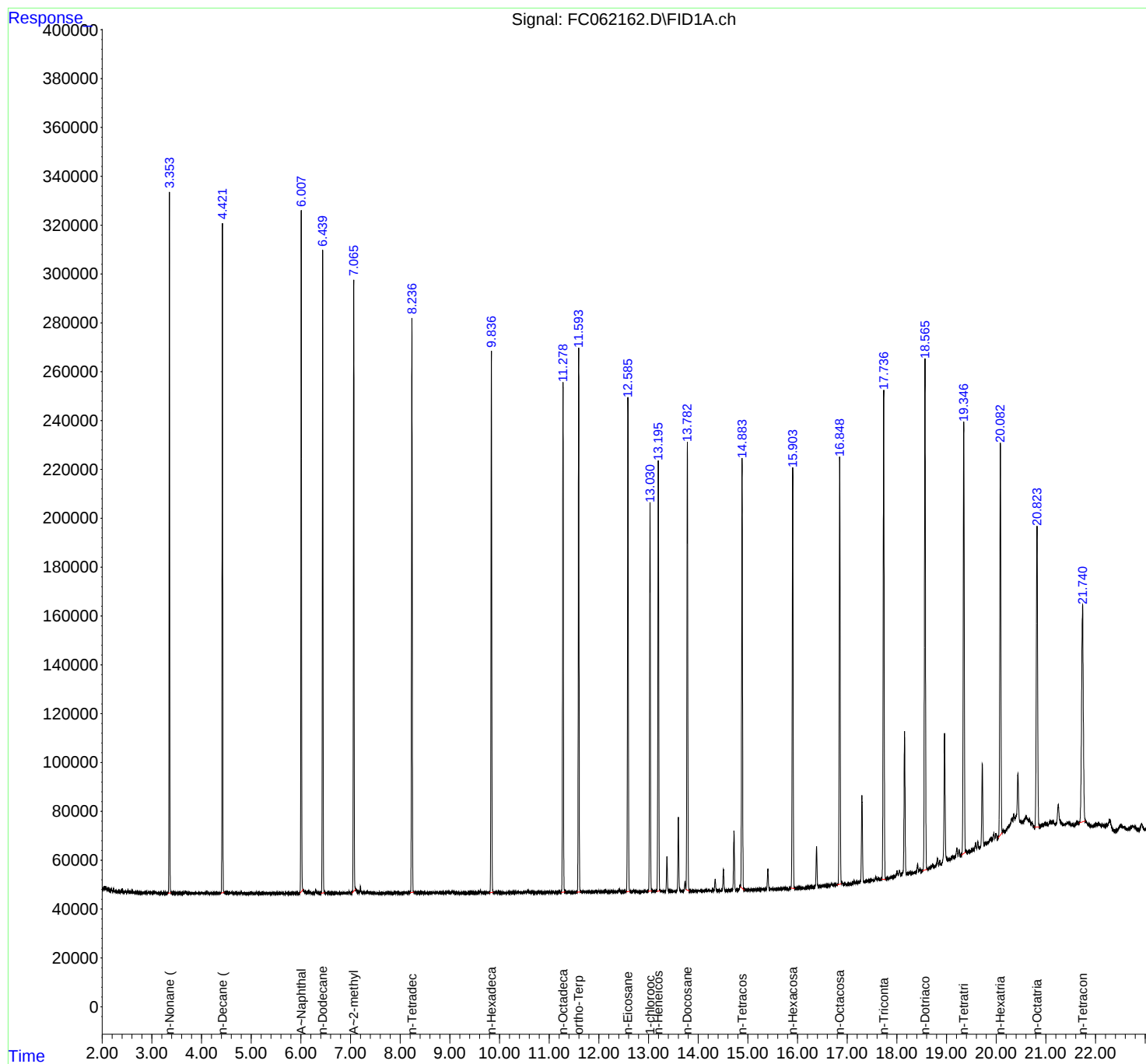
(m)=manual int.

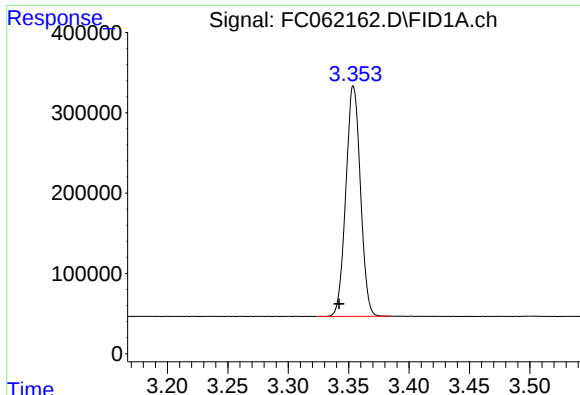
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111022AL\
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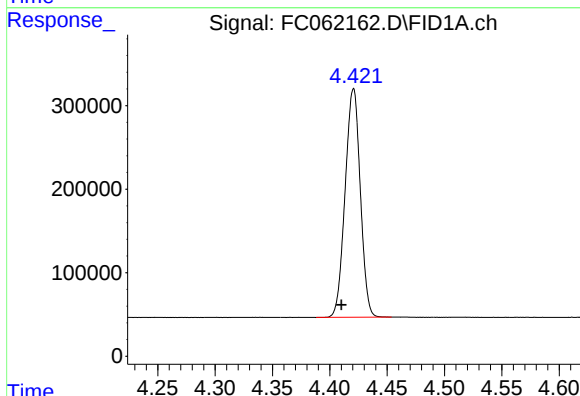




#1 n-Nonane (C9)

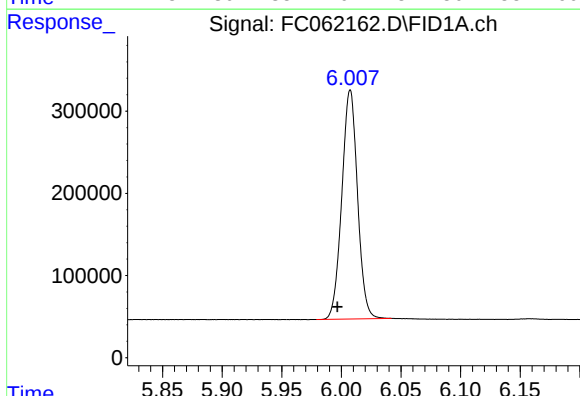
R.T.: 3.354 min
Delta R.T.: 0.012 min
Response: 2414372
Conc: 17.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



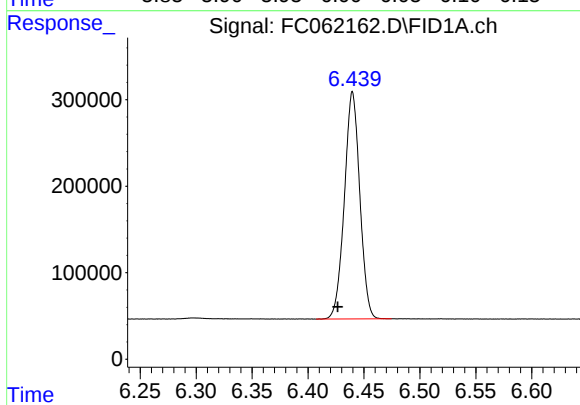
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: 0.010 min
Response: 2522844
Conc: 17.67 ug/ml



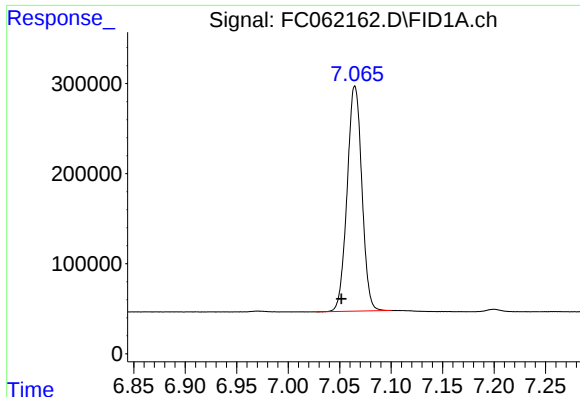
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: 0.011 min
Response: 2557488
Conc: 16.57 ug/ml



#4 n-Dodecane (C12)

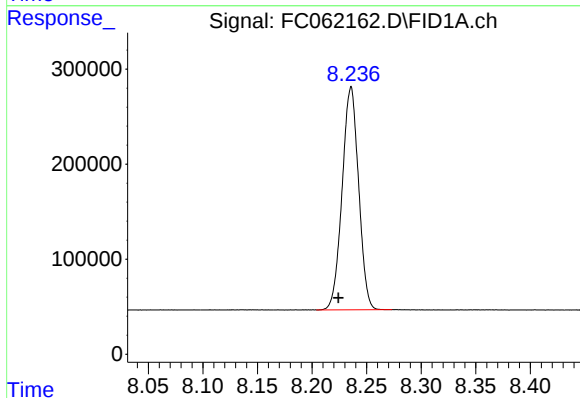
R.T.: 6.440 min
Delta R.T.: 0.013 min
Response: 2524648
Conc: 17.39 ug/ml



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

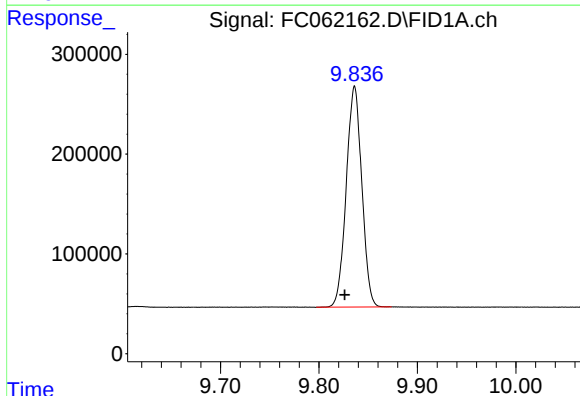
R.T.: 7.065 min
Delta R.T.: 0.013 min
Response: 2490222
Conc: 16.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



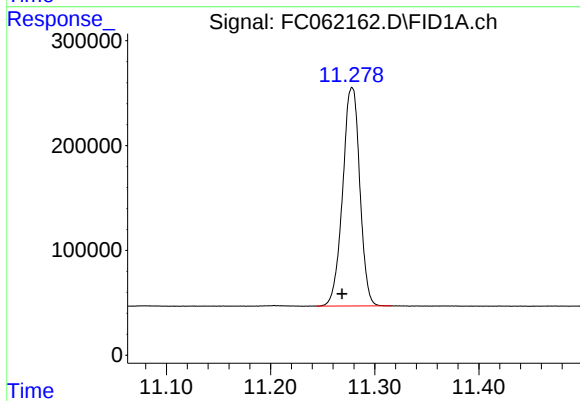
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: 0.012 min
Response: 2465044
Conc: 16.96 ug/ml



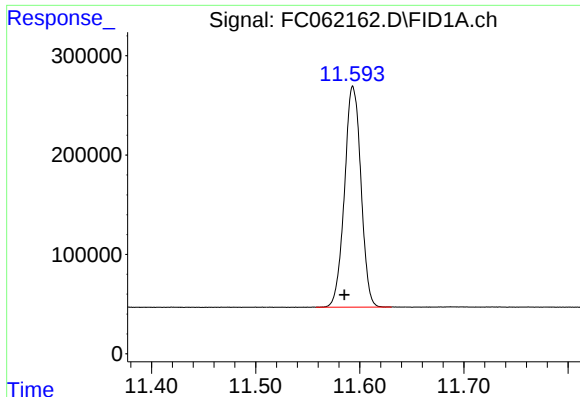
#7 n-Hexadecane (C16)

R.T.: 9.836 min
Delta R.T.: 0.010 min
Response: 2428698
Conc: 16.68 ug/ml



#8 n-Octadecane (C18)

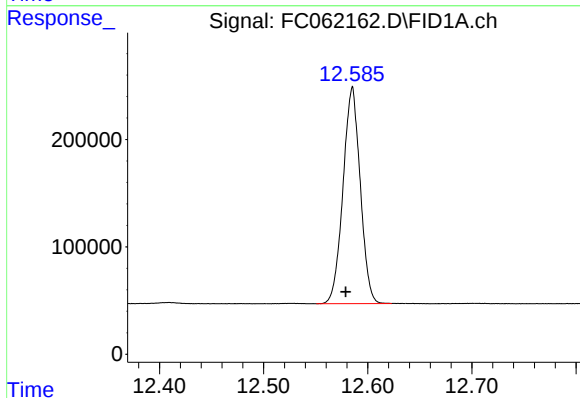
R.T.: 11.278 min
Delta R.T.: 0.009 min
Response: 2386619
Conc: 16.51 ug/ml



#9 ortho-Terphenyl (SURR)

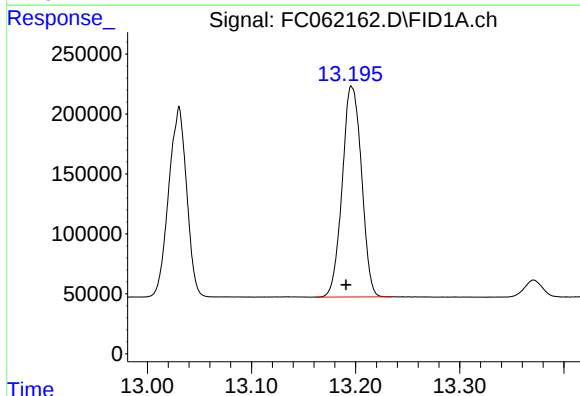
R.T.: 11.593 min
Delta R.T.: 0.008 min
Response: 2438029
Conc: 16.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



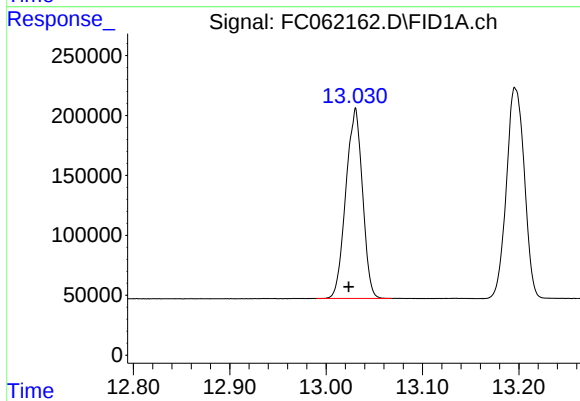
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: 0.006 min
Response: 2317006
Conc: 16.42 ug/ml



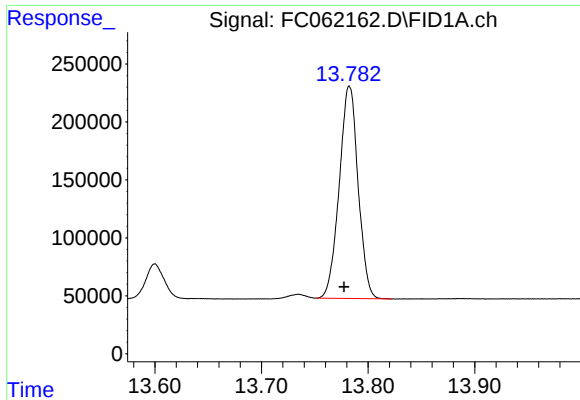
#11 n-Heneicosane (C21)

R.T.: 13.196 min
Delta R.T.: 0.006 min
Response: 2266406
Conc: 16.33 ug/ml



#12 1-chlorooctadecane (SURR)

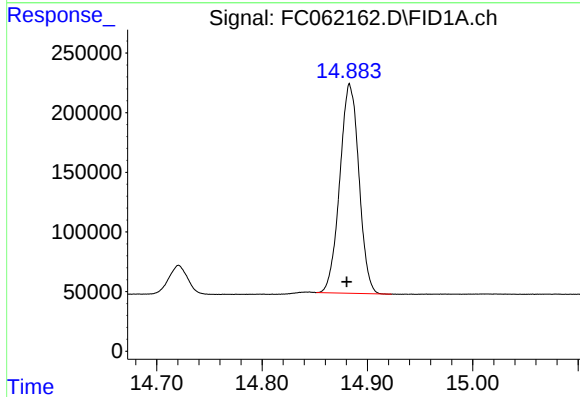
R.T.: 13.031 min
Delta R.T.: 0.007 min
Response: 1896509
Conc: 16.28 ug/ml



#13 n-Docosane (C22)

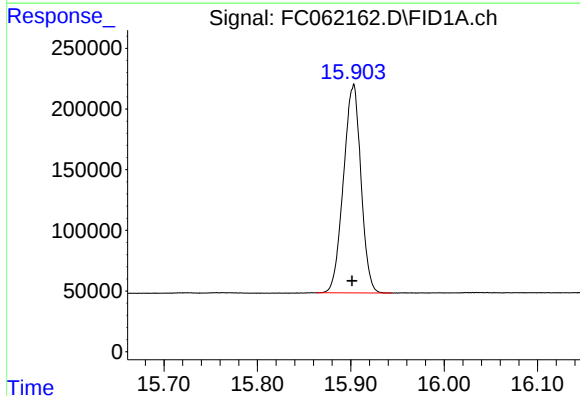
R.T.: 13.783 min
Delta R.T.: 0.005 min
Response: 2254244
Conc: 16.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



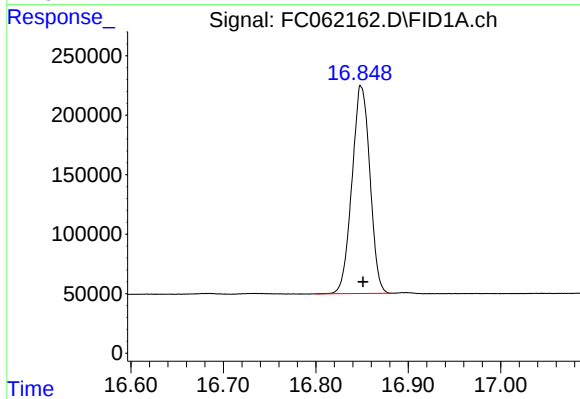
#14 n-Tetracosane (C24)

R.T.: 14.883 min
Delta R.T.: 0.003 min
Response: 2218602
Conc: 16.79 ug/ml



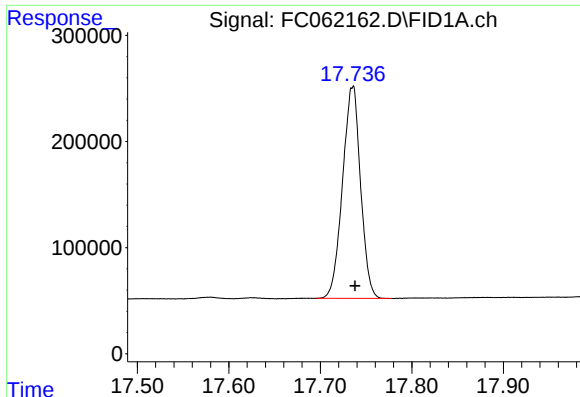
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: 0.001 min
Response: 2234057
Conc: 17.73 ug/ml



#16 n-Octacosane (C28)

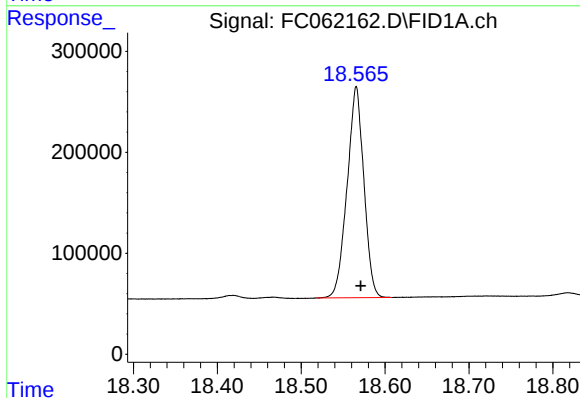
R.T.: 16.849 min
Delta R.T.: -0.002 min
Response: 2354367
Conc: 19.52 ug/ml



#17 n-Tricontane (C30)

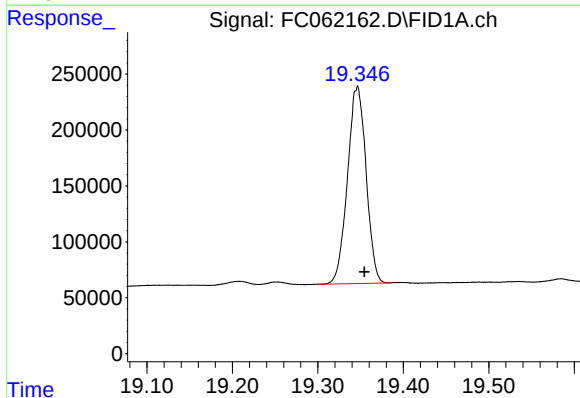
R.T.: 17.735 min
Delta R.T.: -0.003 min
Response: 2734750
Conc: 22.98 ug/ml

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FID_C
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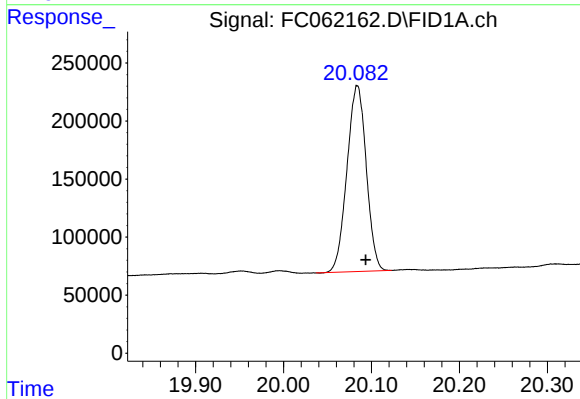
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: -0.005 min
Response: 2902608
Conc: 24.64 ug/ml



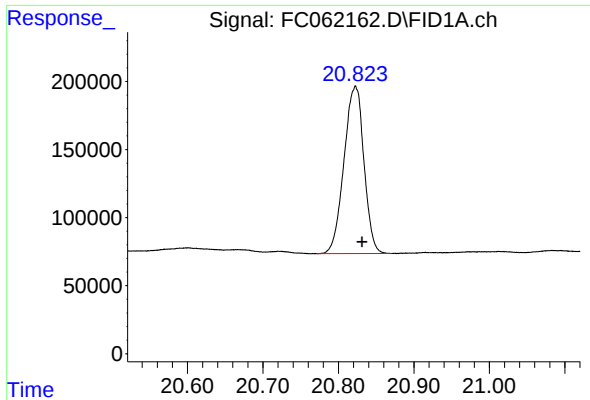
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: -0.008 min
Response: 2664110
Conc: 23.58 ug/ml



#20 n-Hexatriacontane (C36)

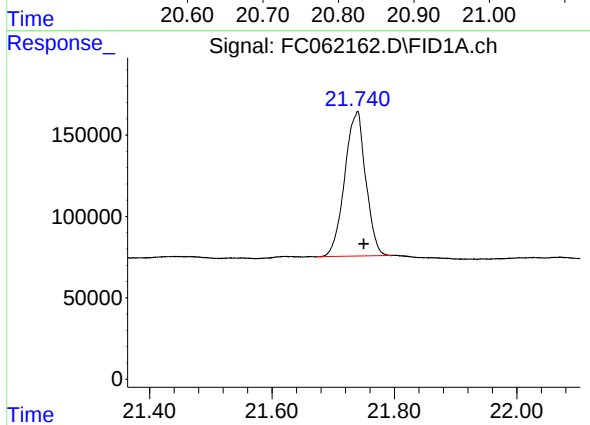
R.T.: 20.084 min
Delta R.T.: -0.010 min
Response: 2445862
Conc: 21.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.009 min
Response: 2252691
Conc: 20.02 ug/ml

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FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.740 min
Delta R.T.: -0.010 min
Response: 2114257
Conc: 18.83 ug/ml