

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032825AL\
 Data File : FC068441.D
 Signal(s) : FID1A.ch
 Acq On : 28 Mar 2025 22:21
 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: Mar 29 02:32:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 2025
 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)	11.384	3701105	18.633 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
12) S 1-chlorooctadecane (S...	12.826	2751772	18.459 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
Target Compounds			
1) T n-Nonane (C9)	3.199	3123058	19.526 ug/ml
2) T n-Decane (C10)	4.254	3189809	19.677 ug/ml
3) T A~Naphthalene (C11.7)	5.818	3469084	19.635 ug/ml
4) T n-Dodecane (C12)	6.260	3237976	19.635 ug/ml
5) T A~2-methylnaphthalene...	6.869	3365011	19.783 ug/ml
6) T n-Tetradecane (C14)	8.047	3207338	19.493 ug/ml
7) T n-Hexadecane (C16)	9.642	3332540	19.392 ug/ml
8) T n-Octadecane (C18)	11.080	3340301	19.030 ug/ml
10) T n-Eicosane (C20)	12.385	3192830	18.643 ug/ml
11) T n-Heneicosane (C21)	12.995	3120447	18.603 ug/ml
13) T n-Docosane (C22)	13.580	3073770	18.220 ug/ml
14) T n-Tetracosane (C24)	14.681	3003243	17.536 ug/ml
15) T n-Hexacosane (C26)	15.700	2910726	17.294 ug/ml
16) T n-Octacosane (C28)	16.646	2841508	16.993 ug/ml
17) T n-Tricontane (C30)	17.534	2928231	16.795 ug/ml
18) T n-Dotriacontane (C32)	18.364	2820626	16.849 ug/ml
19) T n-Tetratriacontane (C34)	19.146	2441969	16.556 ug/ml
20) T n-Hexatriacontane (C36)	19.884	2079398	16.991 ug/ml
21) T n-Octatriacontane (C38)	20.595	1929297	17.966 ug/ml
22) T n-Tetracontane (C40)	21.441	1847766	18.854 ug/ml

(f)=RT Delta > 1/2 Window

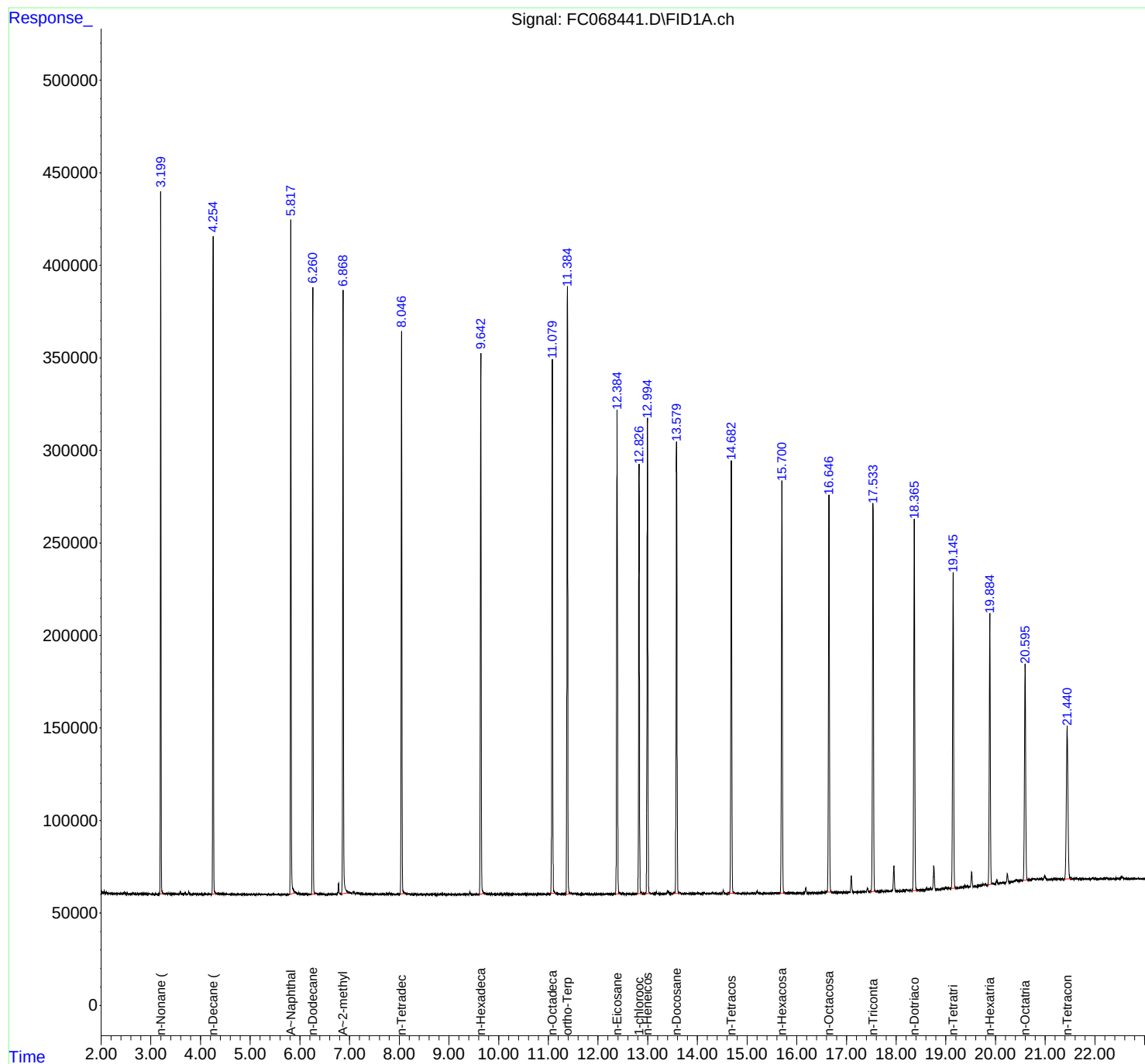
(m)=manual int.

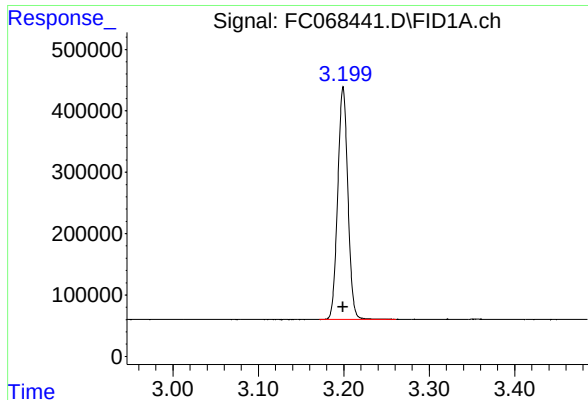
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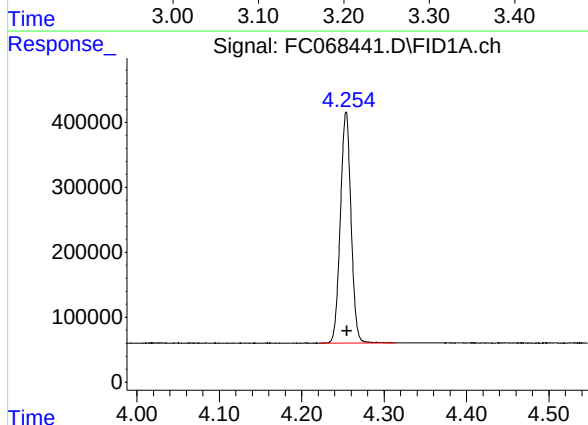




#1 n-Nonane (C9)

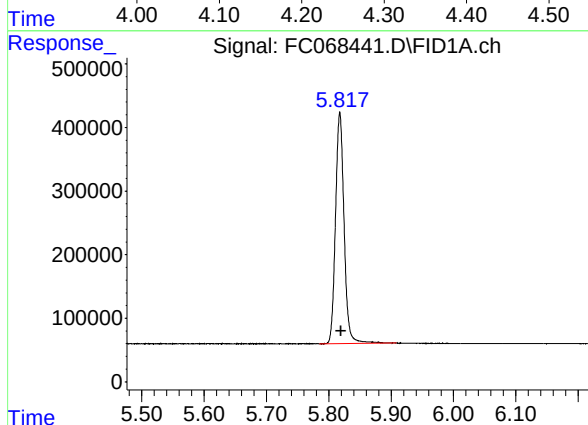
R.T.: 3.199 min
Delta R.T.: 0.000 min
Response: 3123058
Conc: 19.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



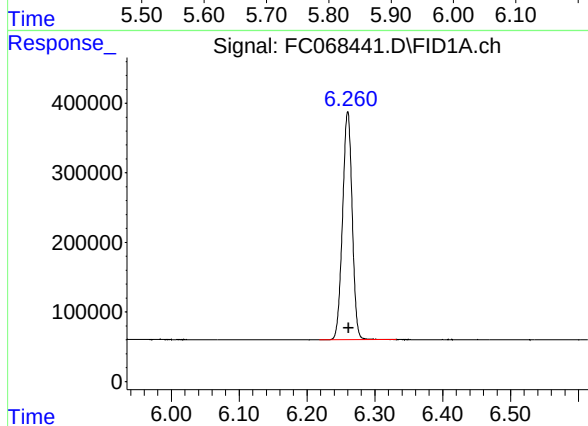
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 3189809
Conc: 19.68 ug/ml



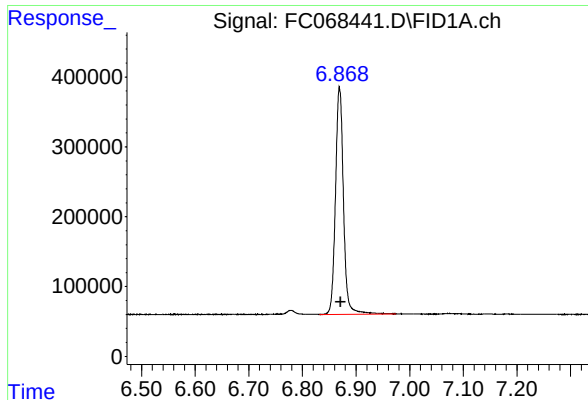
#3 A~Naphthalene (C11.7)

R.T.: 5.818 min
Delta R.T.: -0.002 min
Response: 3469084
Conc: 19.64 ug/ml



#4 n-Dodecane (C12)

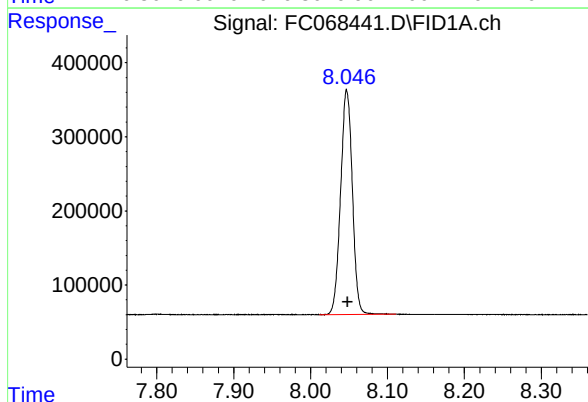
R.T.: 6.260 min
Delta R.T.: -0.001 min
Response: 3237976
Conc: 19.64 ug/ml



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

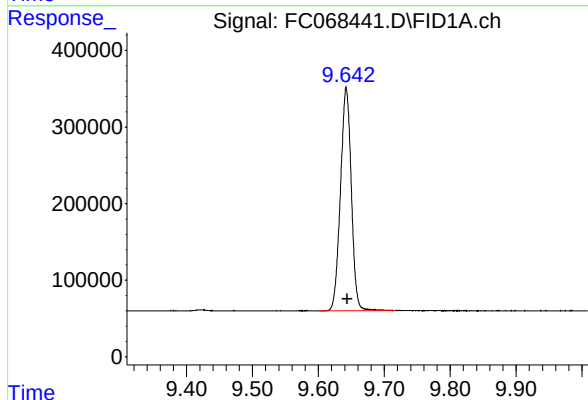
R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 3365011
Conc: 19.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



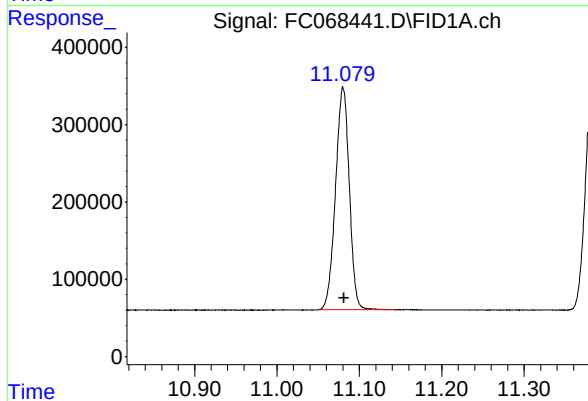
#6 n-Tetradecane (C14)

R.T.: 8.047 min
Delta R.T.: -0.001 min
Response: 3207338
Conc: 19.49 ug/ml



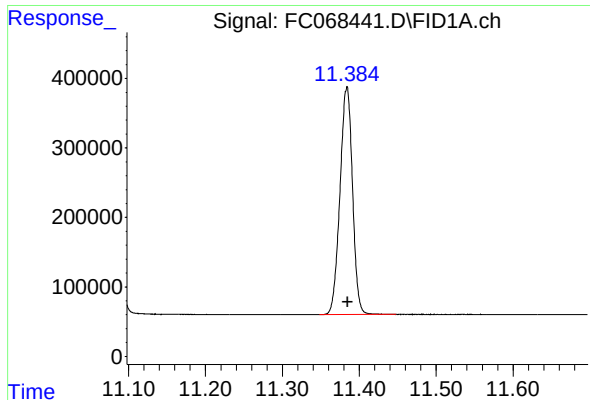
#7 n-Hexadecane (C16)

R.T.: 9.642 min
Delta R.T.: -0.002 min
Response: 3332540
Conc: 19.39 ug/ml



#8 n-Octadecane (C18)

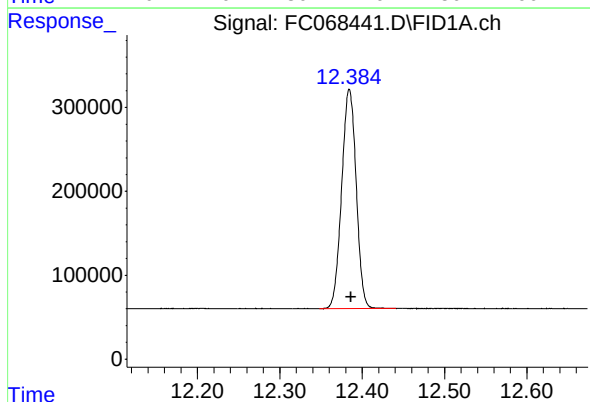
R.T.: 11.080 min
Delta R.T.: -0.001 min
Response: 3340301
Conc: 19.03 ug/ml



#9 ortho-Terphenyl (SURR)

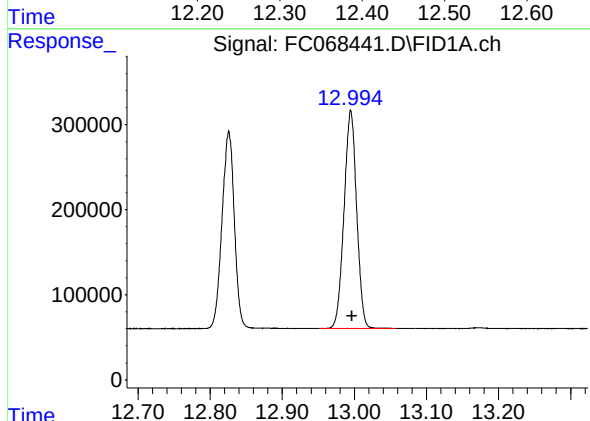
R.T.: 11.384 min
Delta R.T.: -0.001 min
Response: 3701105
Conc: 18.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



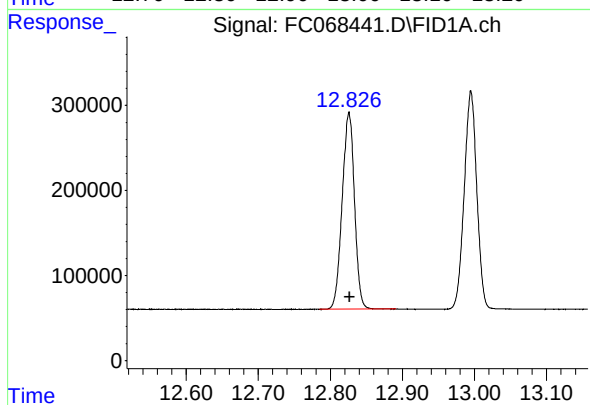
#10 n-Eicosane (C20)

R.T.: 12.385 min
Delta R.T.: -0.002 min
Response: 3192830
Conc: 18.64 ug/ml



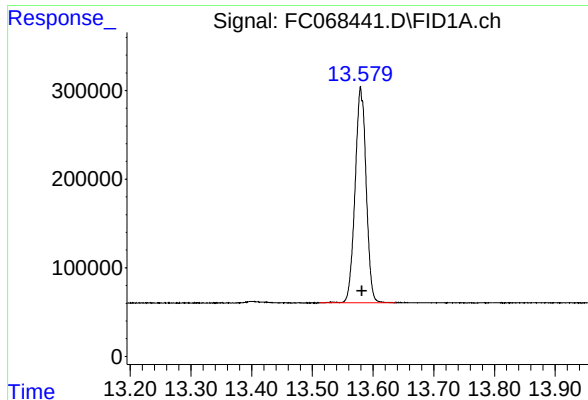
#11 n-Heneicosane (C21)

R.T.: 12.995 min
Delta R.T.: -0.002 min
Response: 3120447
Conc: 18.60 ug/ml



#12 1-chlorooctadecane (SURR)

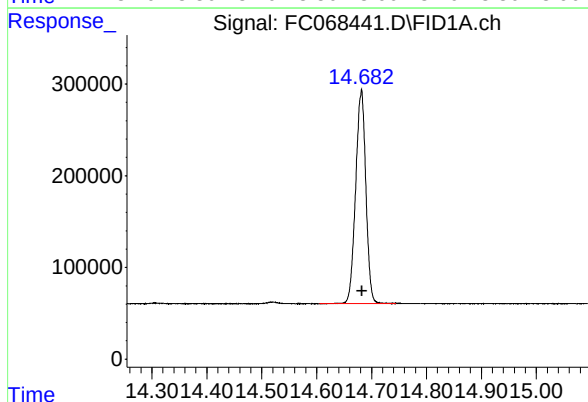
R.T.: 12.826 min
Delta R.T.: -0.001 min
Response: 2751772
Conc: 18.46 ug/ml



#13 n-Docosane (C22)

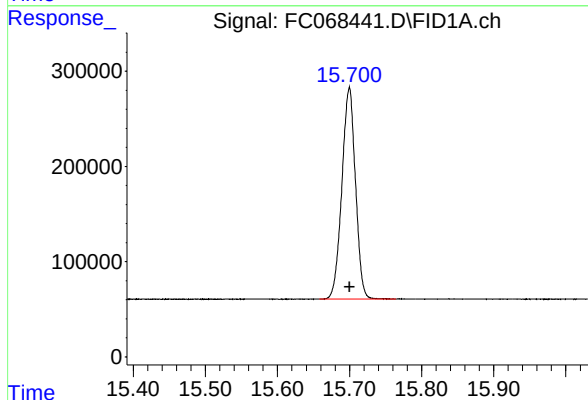
R.T.: 13.580 min
Delta R.T.: -0.002 min
Response: 3073770
Conc: 18.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



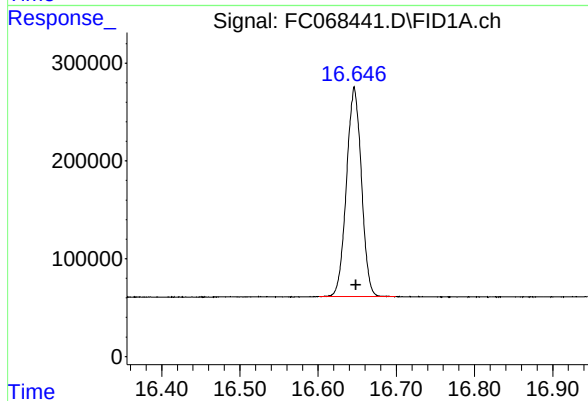
#14 n-Tetracosane (C24)

R.T.: 14.681 min
Delta R.T.: -0.001 min
Response: 3003243
Conc: 17.54 ug/ml



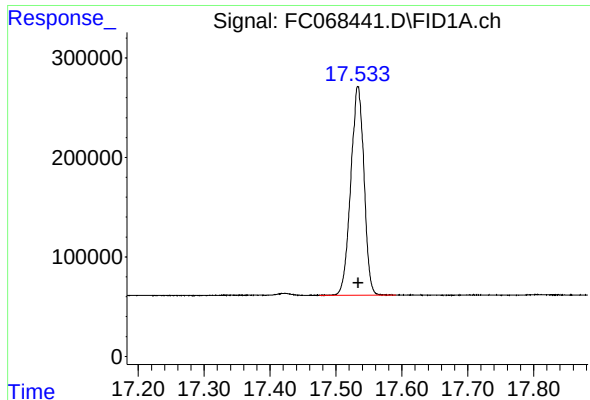
#15 n-Hexacosane (C26)

R.T.: 15.700 min
Delta R.T.: 0.000 min
Response: 2910726
Conc: 17.29 ug/ml



#16 n-Octacosane (C28)

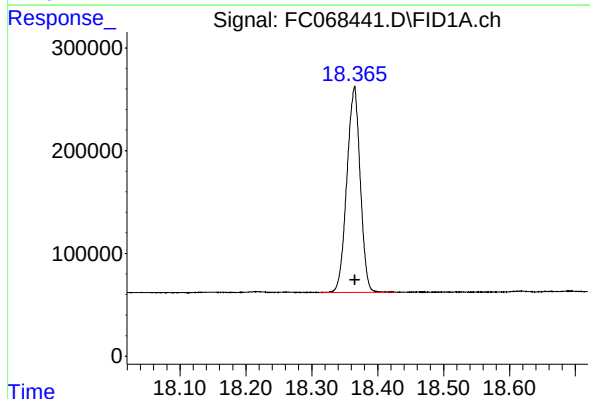
R.T.: 16.646 min
Delta R.T.: -0.002 min
Response: 2841508
Conc: 16.99 ug/ml



#17 n-Tricontane (C30)

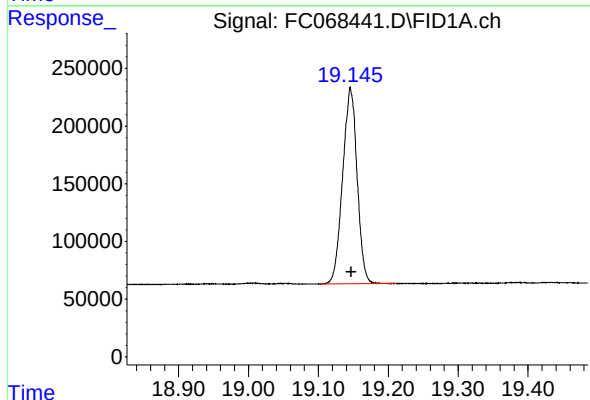
R.T.: 17.534 min
Delta R.T.: 0.000 min
Response: 2928231
Conc: 16.79 ug/ml

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FID_C
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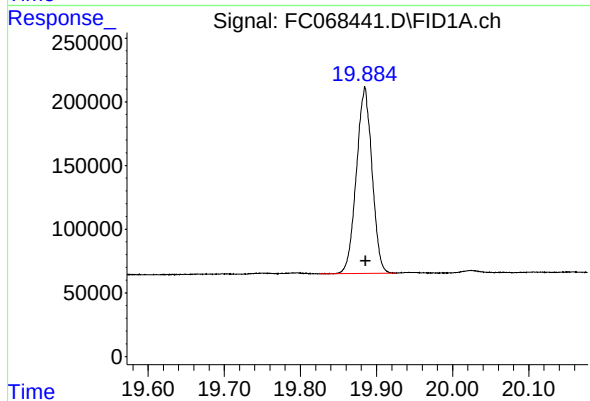
#18 n-Dotriacontane (C32)

R.T.: 18.364 min
Delta R.T.: -0.001 min
Response: 2820626
Conc: 16.85 ug/ml



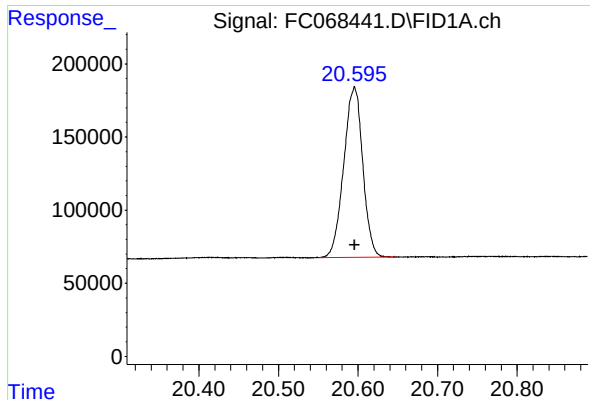
#19 n-Tetratriacontane (C34)

R.T.: 19.146 min
Delta R.T.: -0.001 min
Response: 2441969
Conc: 16.56 ug/ml



#20 n-Hexatriacontane (C36)

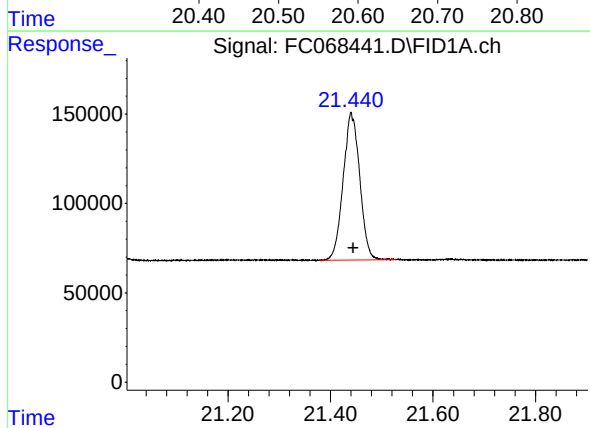
R.T.: 19.884 min
Delta R.T.: -0.001 min
Response: 2079398
Conc: 16.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.595 min
Delta R.T.: 0.000 min
Response: 1929297
Conc: 17.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.441 min
Delta R.T.: -0.004 min
Response: 1847766
Conc: 18.85 ug/ml