

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061423AL\
 Data File : FC063843.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jun 2023 12:16
 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: Jun 15 02:34:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 2023
 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)	11.528	3550614	19.457 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	12.964	2544517	19.914 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	3.307	3353187	21.039 ug/ml
2) T n-Decane (C10)	4.370	3387241	20.954 ug/ml
3) T A~Naphthalene (C11.7)	5.952	3519379	20.258 ug/ml
4) T n-Dodecane (C12)	6.385	3367219	20.593 ug/ml
5) T A~2-methylnaphthalene...	7.008	3324655	20.294 ug/ml
6) T n-Tetradecane (C14)	8.178	3222581	20.491 ug/ml
7) T n-Hexadecane (C16)	9.776	3217789	20.220 ug/ml
8) T n-Octadecane (C18)	11.215	3165748	20.008 ug/ml
10) T n-Eicosane (C20)	12.522	2961009	20.021 ug/ml
11) T n-Heneicosane (C21)	13.132	2873127	19.960 ug/ml
13) T n-Docosane (C22)	13.717	2832984	20.110 ug/ml
14) T n-Tetracosane (C24)	14.817	2764405	20.146 ug/ml
15) T n-Hexacosane (C26)	15.835	2690631	20.292 ug/ml
16) T n-Octacosane (C28)	16.783	2618937	20.625 ug/ml
17) T n-Tricontane (C30)	17.667	2654713	20.778 ug/ml
18) T n-Dotriacontane (C32)	18.498	2624247	21.090 ug/ml
19) T n-Tetratriacontane (C34)	19.280	2619819	21.248 ug/ml
20) T n-Hexatriacontane (C36)	20.016	2570964	21.421 ug/ml
21) T n-Octatriacontane (C38)	20.744	2611494	21.631 ug/ml
22) T n-Tetracontane (C40)	21.634	2606083	21.508 ug/ml

(f)=RT Delta > 1/2 Window

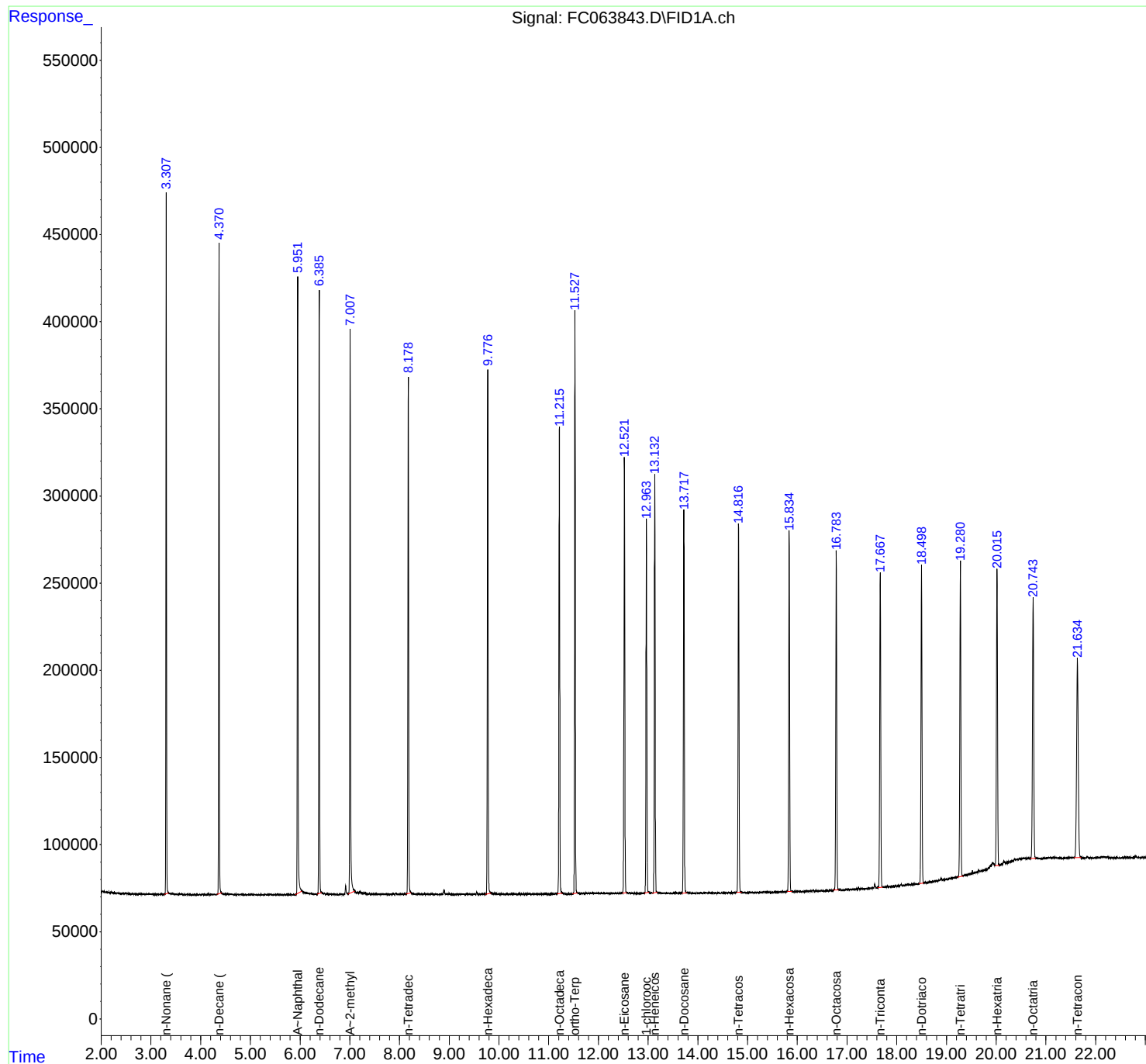
(m)=manual int.

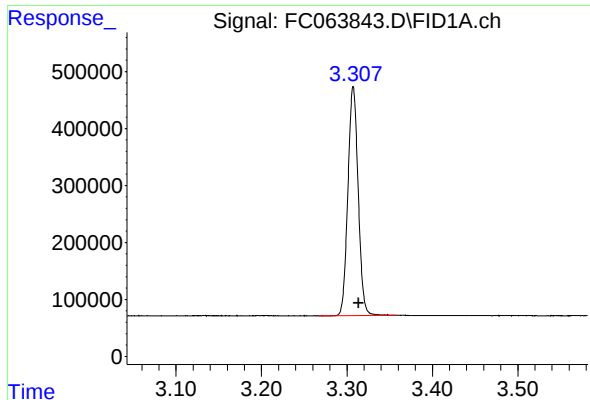
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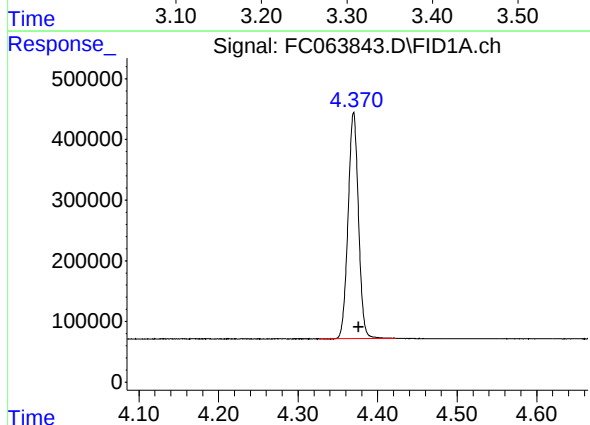




#1 n-Nonane (C9)

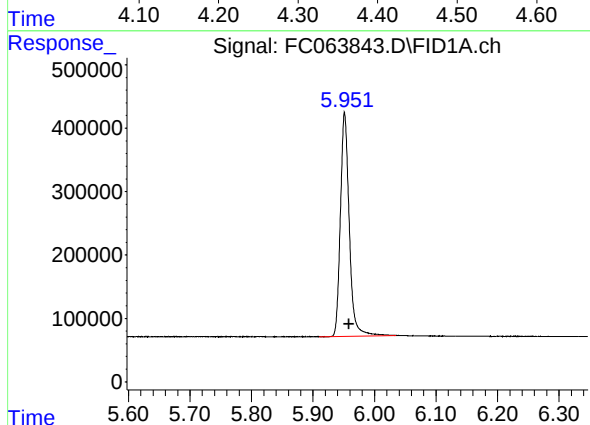
R.T.: 3.307 min
Delta R.T.: -0.007 min
Response: 3353187
Conc: 21.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



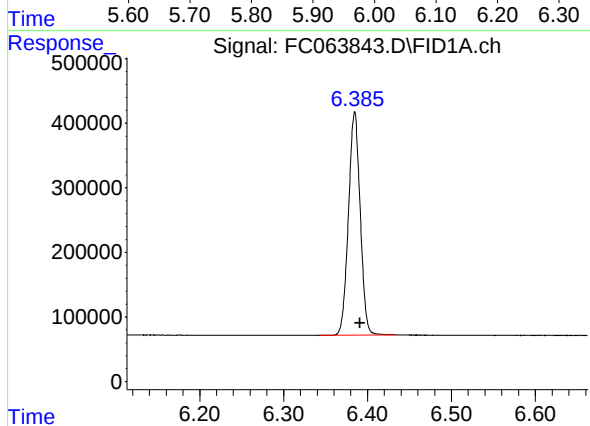
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: -0.007 min
Response: 3387241
Conc: 20.95 ug/ml



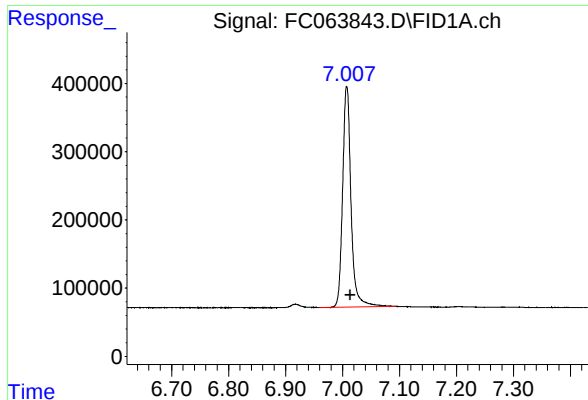
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 3519379
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

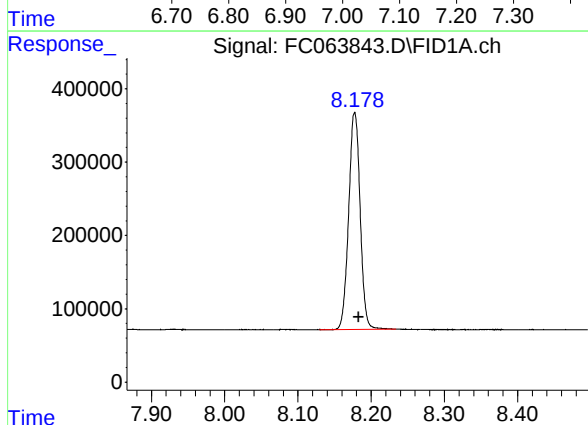
R.T.: 6.385 min
Delta R.T.: -0.006 min
Response: 3367219
Conc: 20.59 ug/ml



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

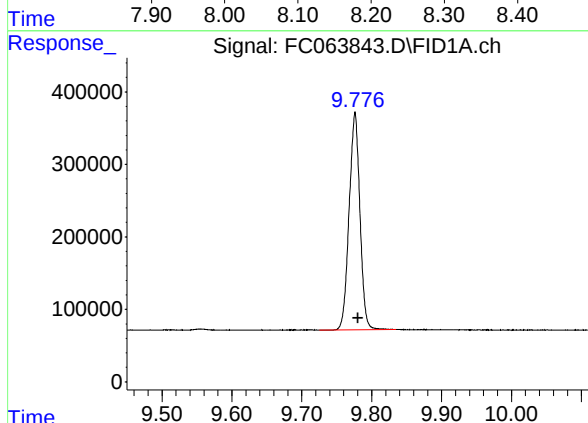
R.T.: 7.008 min
Delta R.T.: -0.007 min
Response: 3324655
Conc: 20.29 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



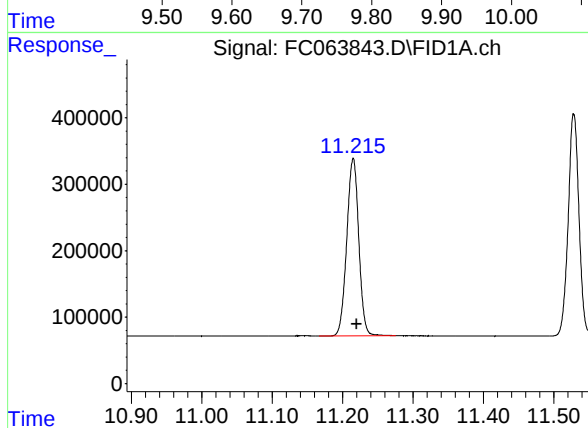
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.005 min
Response: 3222581
Conc: 20.49 ug/ml



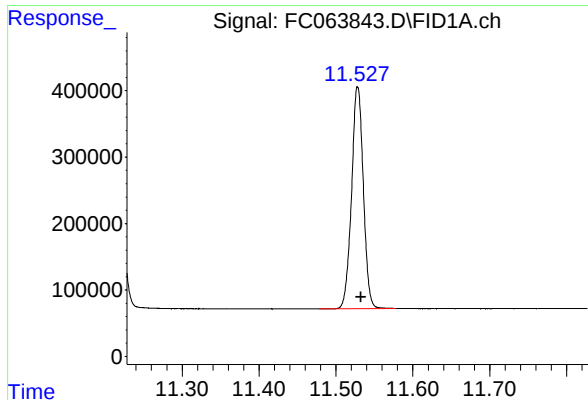
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.005 min
Response: 3217789
Conc: 20.22 ug/ml



#8 n-Octadecane (C18)

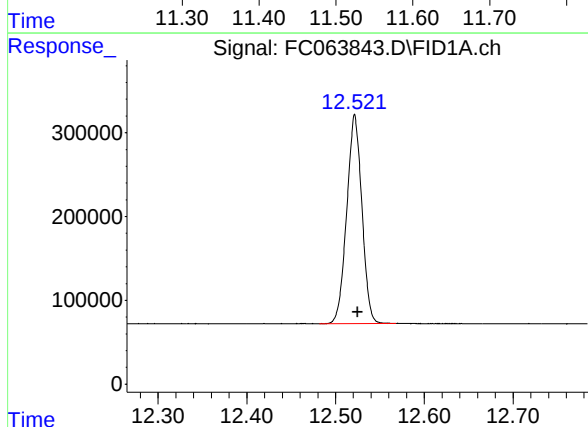
R.T.: 11.215 min
Delta R.T.: -0.005 min
Response: 3165748
Conc: 20.01 ug/ml



#9 ortho-Terphenyl (SURR)

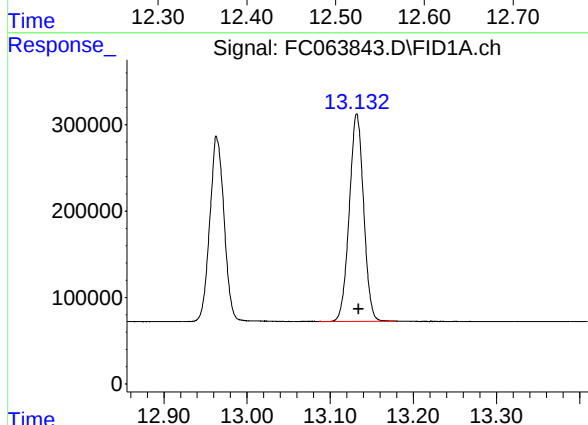
R.T.: 11.528 min
Delta R.T.: -0.004 min
Response: 3550614
Conc: 19.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



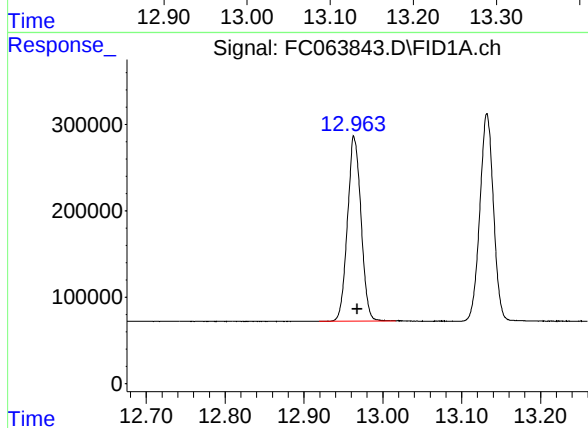
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: -0.004 min
Response: 2961009
Conc: 20.02 ug/ml



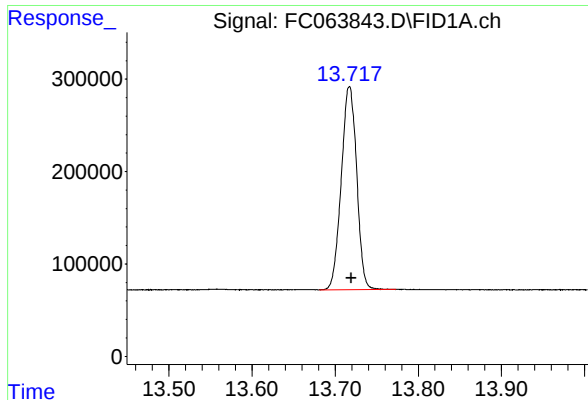
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.002 min
Response: 2873127
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

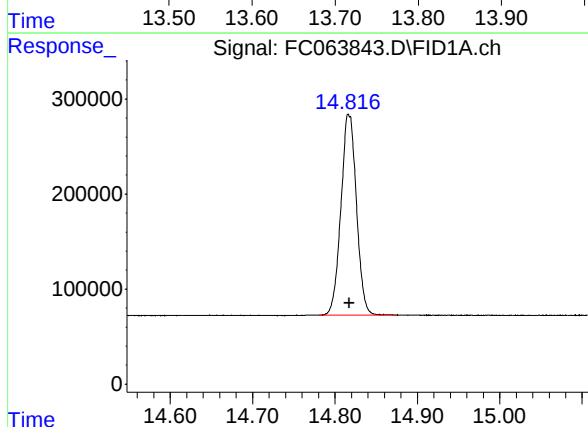
R.T.: 12.964 min
Delta R.T.: -0.004 min
Response: 2544517
Conc: 19.91 ug/ml



#13 n-Docosane (C22)

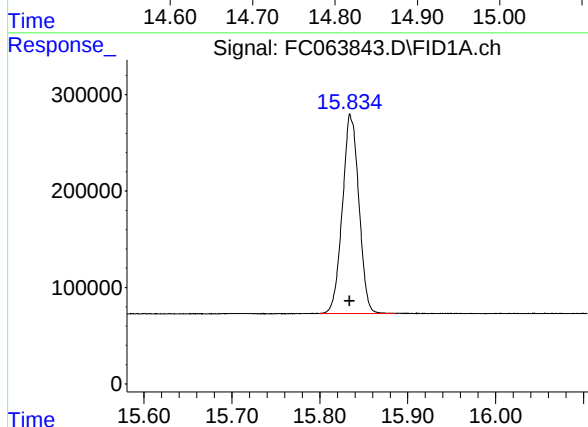
R.T.: 13.717 min
Delta R.T.: -0.002 min
Response: 2832984
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



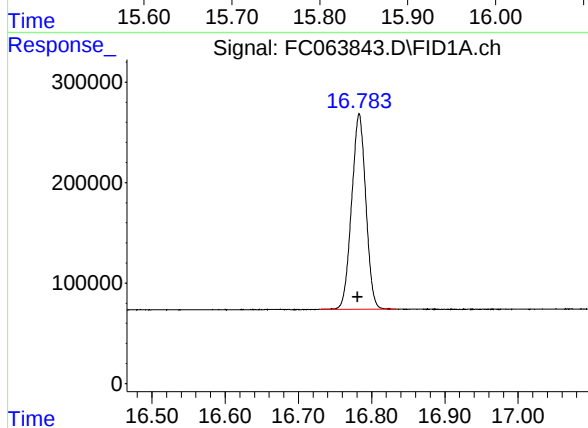
#14 n-Tetracosane (C24)

R.T.: 14.817 min
Delta R.T.: 0.000 min
Response: 2764405
Conc: 20.15 ug/ml



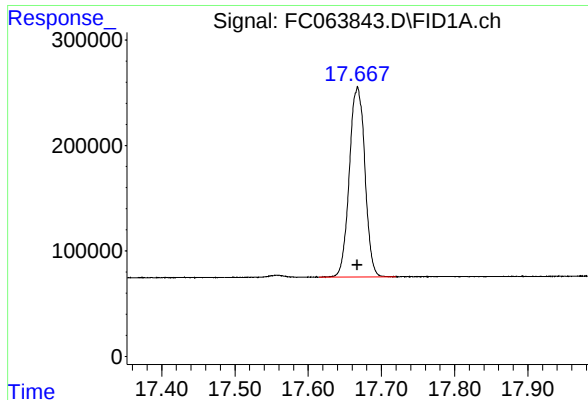
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.000 min
Response: 2690631
Conc: 20.29 ug/ml



#16 n-Octacosane (C28)

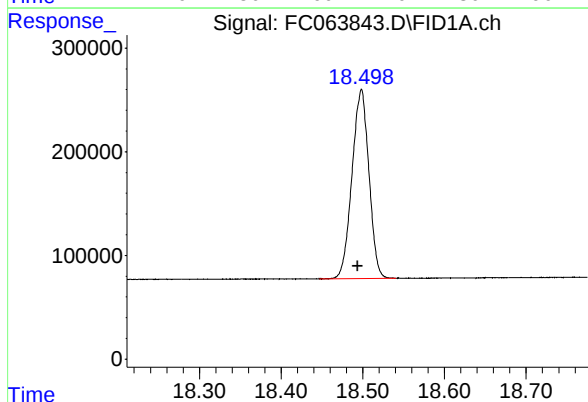
R.T.: 16.783 min
Delta R.T.: 0.002 min
Response: 2618937
Conc: 20.63 ug/ml



#17 n-Tricontane (C30)

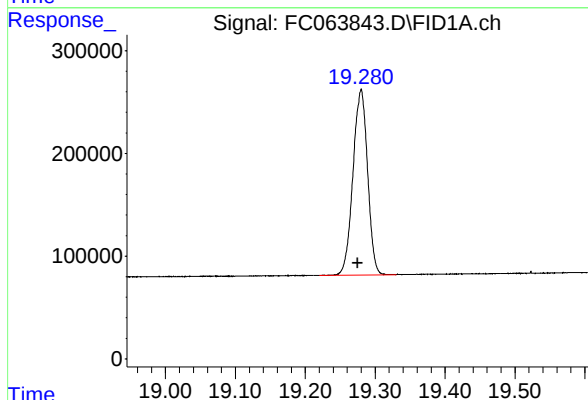
R.T.: 17.667 min
Delta R.T.: 0.000 min
Response: 2654713
Conc: 20.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



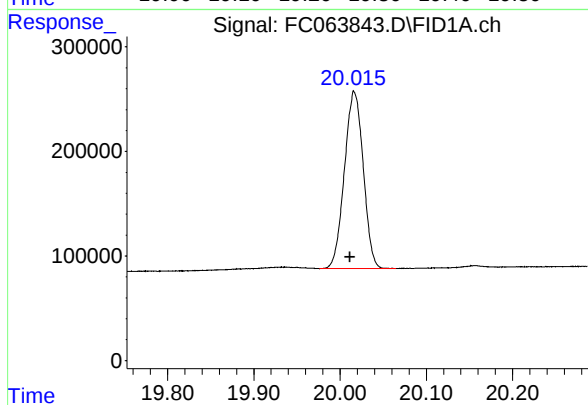
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: 0.005 min
Response: 2624247
Conc: 21.09 ug/ml



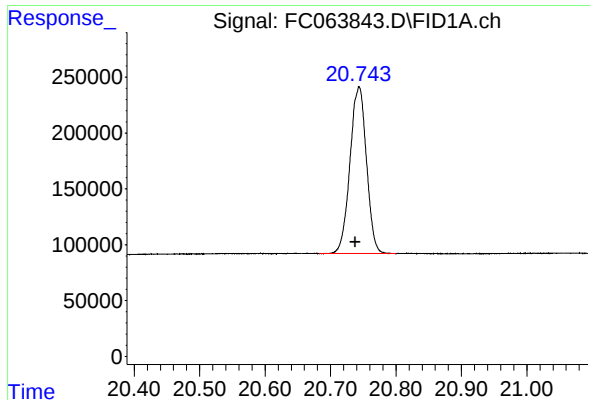
#19 n-Tetatriacontane (C34)

R.T.: 19.280 min
Delta R.T.: 0.005 min
Response: 2619819
Conc: 21.25 ug/ml



#20 n-Hexatriacontane (C36)

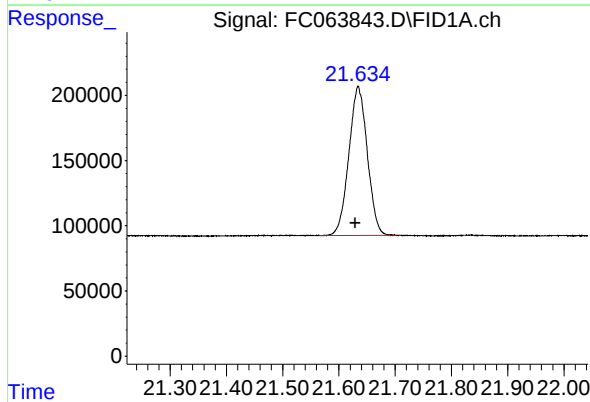
R.T.: 20.016 min
Delta R.T.: 0.005 min
Response: 2570964
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.744 min
Delta R.T.: 0.006 min
Response: 2611494
Conc: 21.63 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.634 min
Delta R.T.: 0.005 min
Response: 2606083
Conc: 21.51 ug/ml