

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080824AL\
 Data File : FC066979.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2024 12:06
 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: Aug 09 02:48:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 2024
 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)	11.511	3048727	19.803 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
12) S 1-chlorooctadecane (S...	12.950	2275345	20.349 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T n-Nonane (C9)	3.280	2764220	19.481 ug/ml
2) T n-Decane (C10)	4.346	2919176	19.747 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3096893	19.393 ug/ml
4) T n-Dodecane (C12)	6.364	2945339	19.646 ug/ml
5) T A~2-methylnaphthalene...	6.982	2969360	19.369 ug/ml
6) T n-Tetradecane (C14)	8.159	2902428	19.837 ug/ml
7) T n-Hexadecane (C16)	9.758	2990029	19.978 ug/ml
8) T n-Octadecane (C18)	11.199	3009742	20.282 ug/ml
10) T n-Eicosane (C20)	12.507	2824722	20.266 ug/ml
11) T n-Heneicosane (C21)	13.118	2737574	20.098 ug/ml
13) T n-Docosane (C22)	13.704	2699416	20.097 ug/ml
14) T n-Tetracosane (C24)	14.806	2645973	19.893 ug/ml
15) T n-Hexacosane (C26)	15.826	2571098	19.760 ug/ml
16) T n-Octacosane (C28)	16.775	2570046	20.372 ug/ml
17) T n-Tricontane (C30)	17.663	2736964	21.284 ug/ml
18) T n-Dotriacontane (C32)	18.494	2770013	22.003 ug/ml
19) T n-Tetratriacontane (C34)	19.278	2625632	21.223 ug/ml
20) T n-Hexatriacontane (C36)	20.017	2422851	20.828 ug/ml
21) T n-Octatriacontane (C38)	20.743	2289273	20.604 ug/ml
22) T n-Tetracontane (C40)	21.635	2173889	19.996 ug/ml

(f)=RT Delta > 1/2 Window

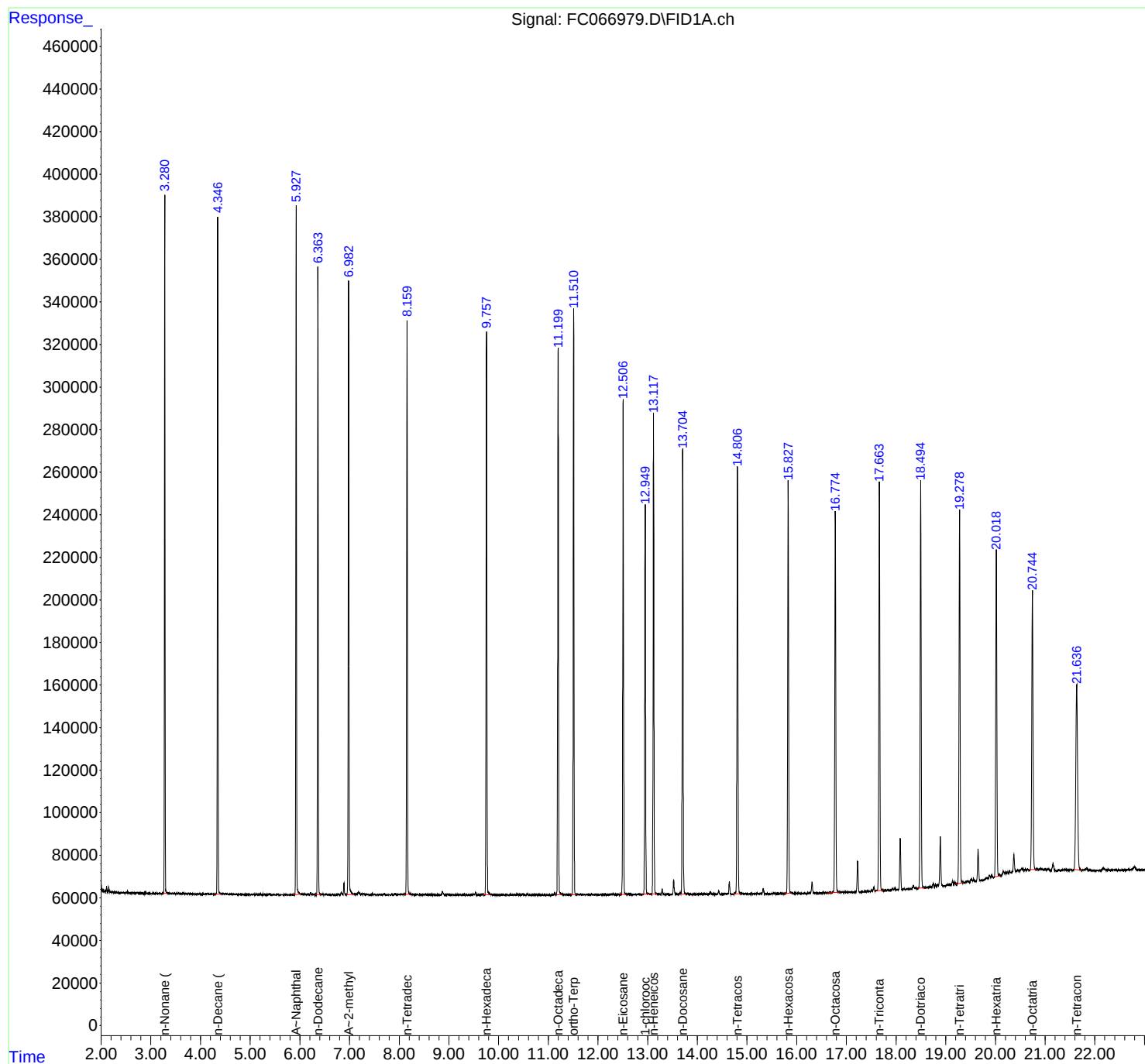
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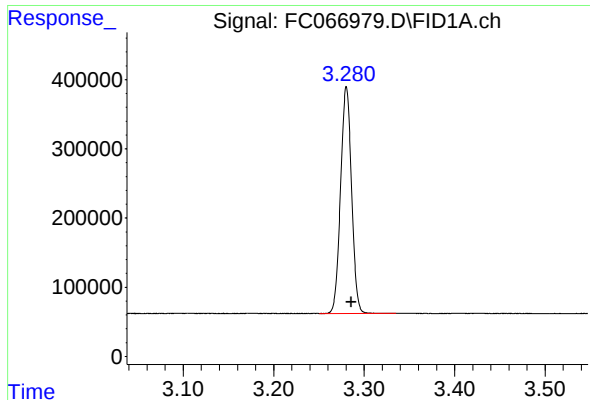
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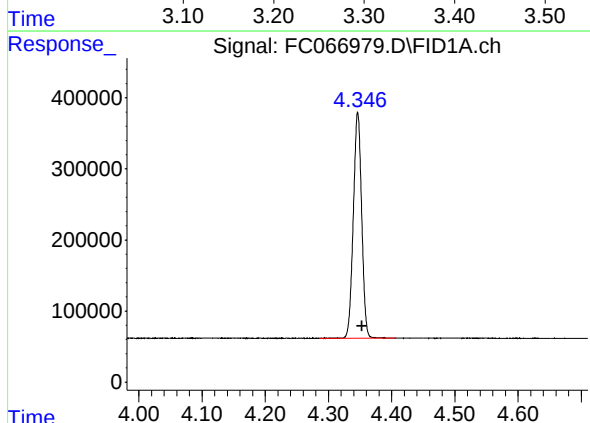




#1 n-Nonane (C9)

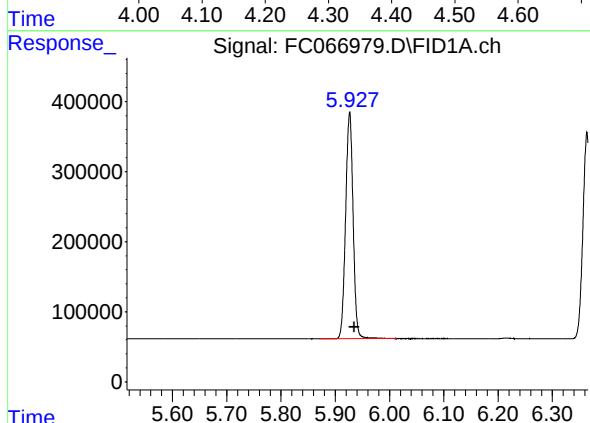
R.T.: 3.280 min
Delta R.T.: -0.006 min
Response: 2764220
Conc: 19.48 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



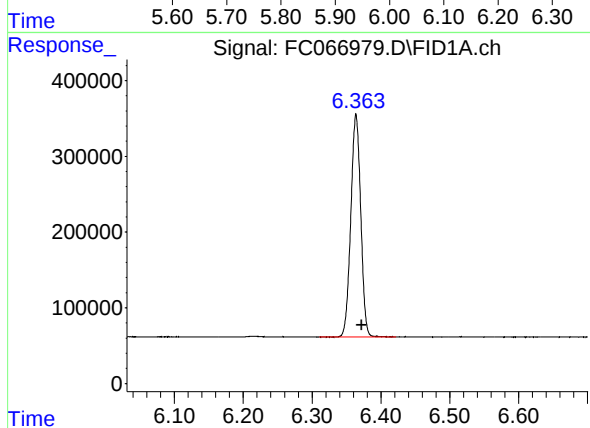
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: -0.006 min
Response: 2919176
Conc: 19.75 ug/ml



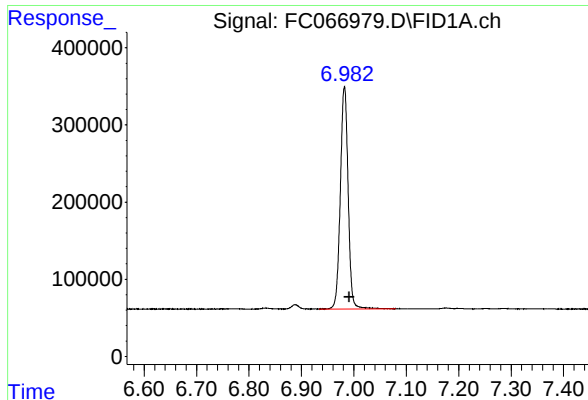
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.008 min
Response: 3096893
Conc: 19.39 ug/ml



#4 n-Dodecane (C12)

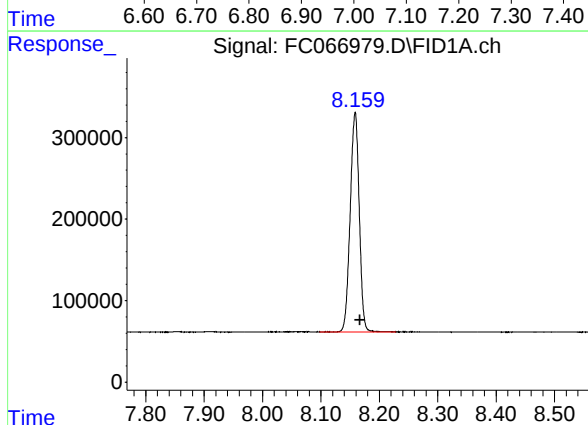
R.T.: 6.364 min
Delta R.T.: -0.008 min
Response: 2945339
Conc: 19.65 ug/ml



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

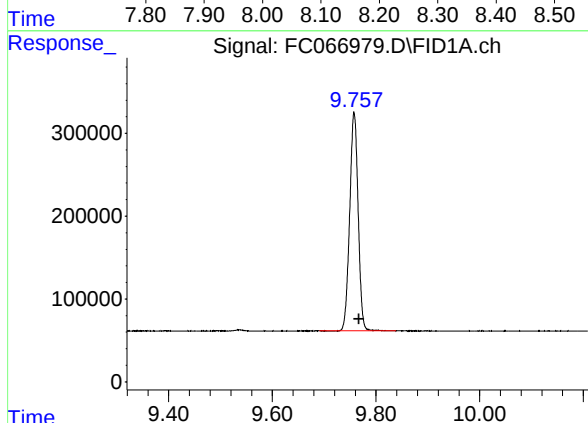
R.T.: 6.982 min
Delta R.T.: -0.009 min
Response: 2969360
Conc: 19.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



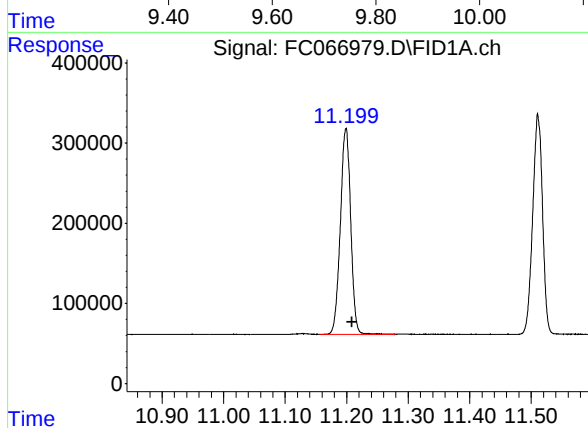
#6 n-Tetradecane (C14)

R.T.: 8.159 min
Delta R.T.: -0.009 min
Response: 2902428
Conc: 19.84 ug/ml



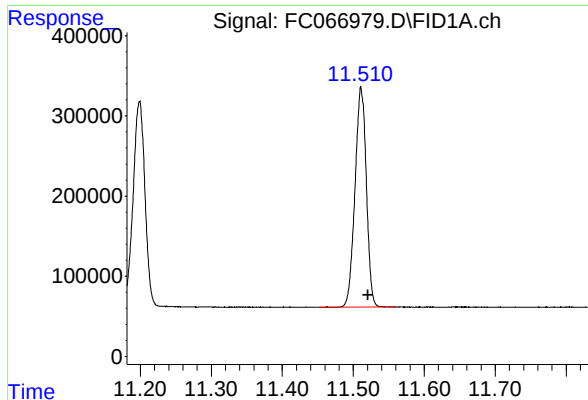
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: -0.010 min
Response: 2990029
Conc: 19.98 ug/ml



#8 n-Octadecane (C18)

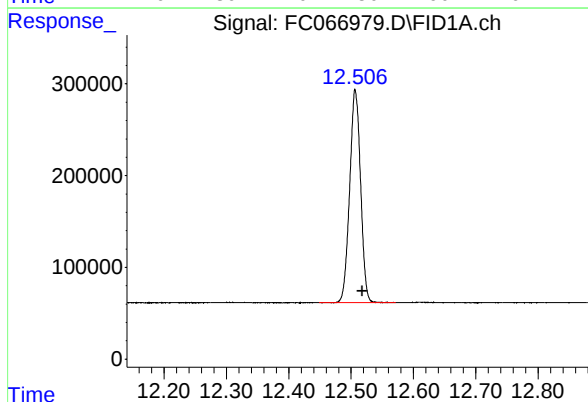
R.T.: 11.199 min
Delta R.T.: -0.010 min
Response: 3009742
Conc: 20.28 ug/ml



#9 ortho-Terphenyl (SURR)

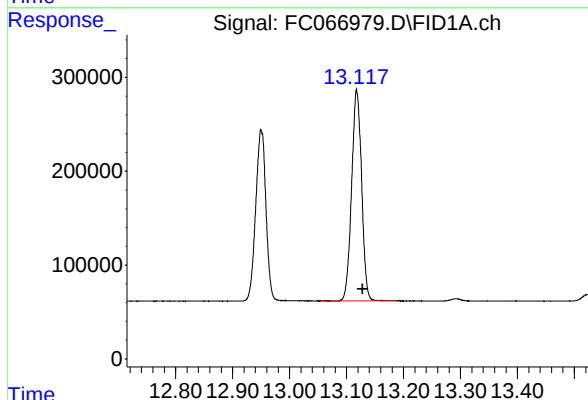
R.T.: 11.511 min
Delta R.T.: -0.010 min
Response: 3048727
Conc: 19.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



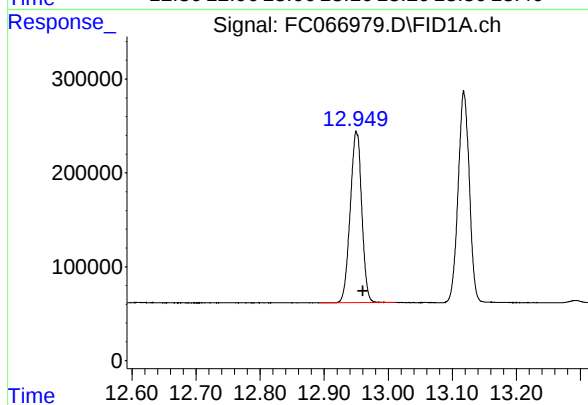
#10 n-Eicosane (C20)

R.T.: 12.507 min
Delta R.T.: -0.011 min
Response: 2824722
Conc: 20.27 ug/ml



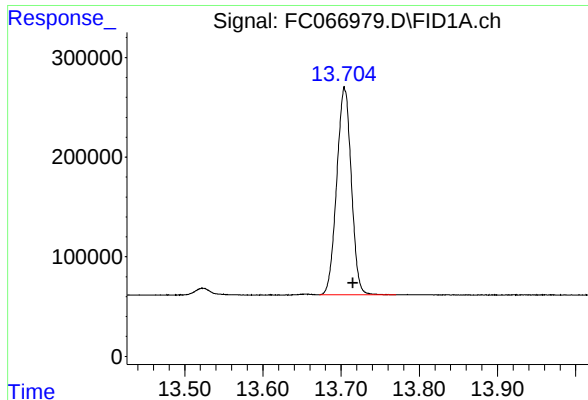
#11 n-Heneicosane (C21)

R.T.: 13.118 min
Delta R.T.: -0.010 min
Response: 2737574
Conc: 20.10 ug/ml



#12 1-chlorooctadecane (SURR)

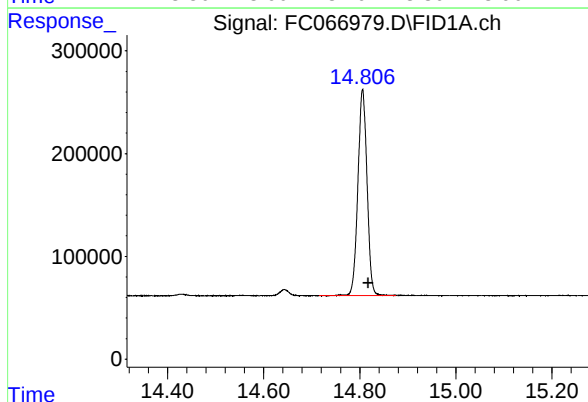
R.T.: 12.950 min
Delta R.T.: -0.010 min
Response: 2275345
Conc: 20.35 ug/ml



#13 n-Docosane (C22)

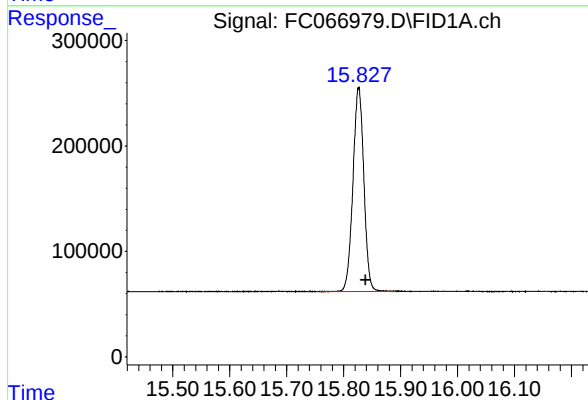
R.T.: 13.704 min
Delta R.T.: -0.011 min
Response: 2699416
Conc: 20.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



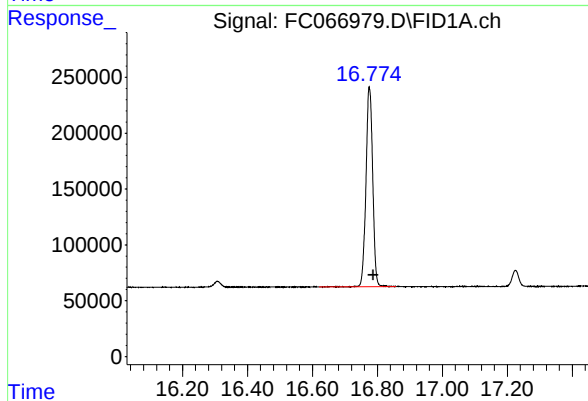
#14 n-Tetracosane (C24)

R.T.: 14.806 min
Delta R.T.: -0.012 min
Response: 2645973
Conc: 19.89 ug/ml



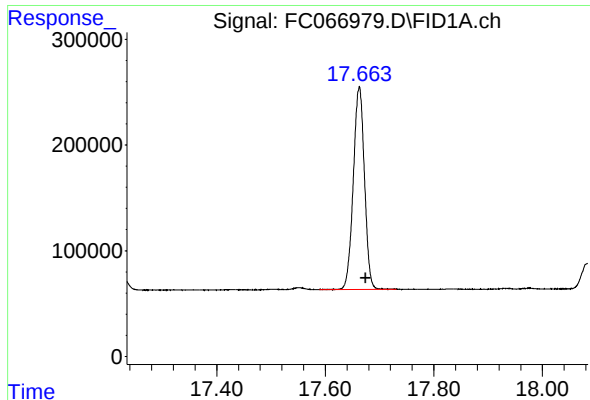
#15 n-Hexacosane (C26)

R.T.: 15.826 min
Delta R.T.: -0.012 min
Response: 2571098
Conc: 19.76 ug/ml



#16 n-Octacosane (C28)

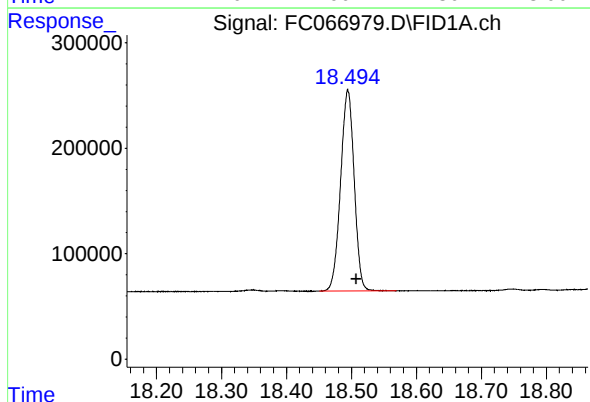
R.T.: 16.775 min
Delta R.T.: -0.012 min
Response: 2570046
Conc: 20.37 ug/ml



#17 n-Tricontane (C30)

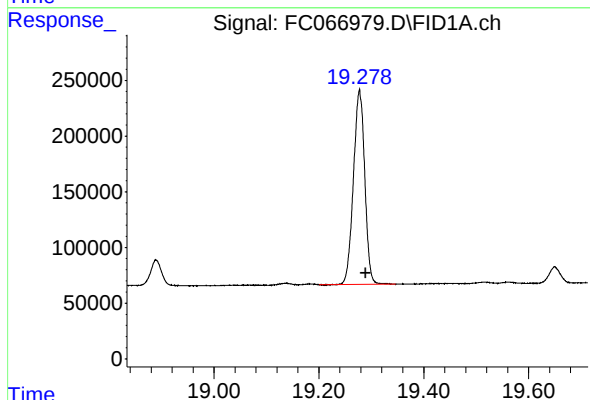
R.T.: 17.663 min
Delta R.T.: -0.012 min
Response: 2736964
Conc: 21.28 ug/ml

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20 PPM ALIPHATIC HC STD



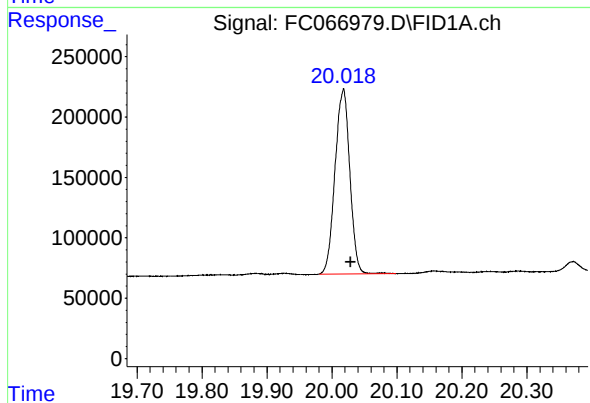
#18 n-Dotriacontane (C32)

R.T.: 18.494 min
Delta R.T.: -0.013 min
Response: 2770013
Conc: 22.00 ug/ml



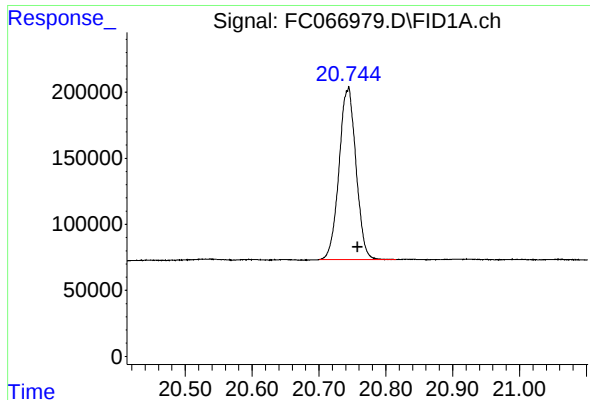
#19 n-Tetratriacontane (C34)

R.T.: 19.278 min
Delta R.T.: -0.012 min
Response: 2625632
Conc: 21.22 ug/ml



#20 n-Hexatriacontane (C36)

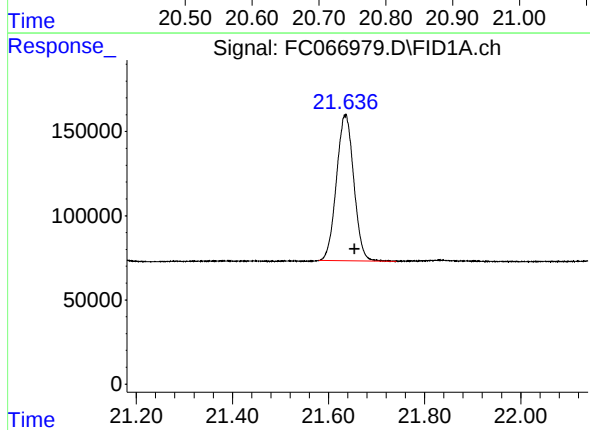
R.T.: 20.017 min
Delta R.T.: -0.012 min
Response: 2422851
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.743 min
Delta R.T.: -0.015 min
Response: 2289273
Conc: 20.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.635 min
Delta R.T.: -0.019 min
Response: 2173889
Conc: 20.00 ug/ml