

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061423AL\
 Data File : FC063855.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jun 2023 23:37
 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 02:36:33 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	3568386	19.554 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
12) S 1-chlorooctadecane (S...	12.965	2555999	20.004 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T n-Nonane (C9)	3.305	3411364	21.404 ug/ml
2) T n-Decane (C10)	4.369	3445354	21.314 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3541889	20.388 ug/ml
4) T n-Dodecane (C12)	6.384	3397738	20.780 ug/ml
5) T A~2-methylnaphthalene...	7.007	3354212	20.475 ug/ml
6) T n-Tetradecane (C14)	8.178	3248437	20.655 ug/ml
7) T n-Hexadecane (C16)	9.776	3230268	20.298 ug/ml
8) T n-Octadecane (C18)	11.215	3184457	20.126 ug/ml
10) T n-Eicosane (C20)	12.522	2978752	20.141 ug/ml
11) T n-Heneicosane (C21)	13.131	2890838	20.083 ug/ml
13) T n-Docosane (C22)	13.718	2835149	20.126 ug/ml
14) T n-Tetracosane (C24)	14.818	2782944	20.281 ug/ml
15) T n-Hexacosane (C26)	15.835	2712753	20.459 ug/ml
16) T n-Octacosane (C28)	16.783	2638216	20.777 ug/ml
17) T n-Tricontane (C30)	17.667	2681086	20.985 ug/ml
18) T n-Dotriacontane (C32)	18.497	2654060	21.329 ug/ml
19) T n-Tetratriacontane (C34)	19.279	2633960	21.362 ug/ml
20) T n-Hexatriacontane (C36)	20.015	2602487	21.683 ug/ml
21) T n-Octatriacontane (C38)	20.741	2627662	21.764 ug/ml
22) T n-Tetracontane (C40)	21.633	2588232	21.360 ug/ml

(f)=RT Delta > 1/2 Window

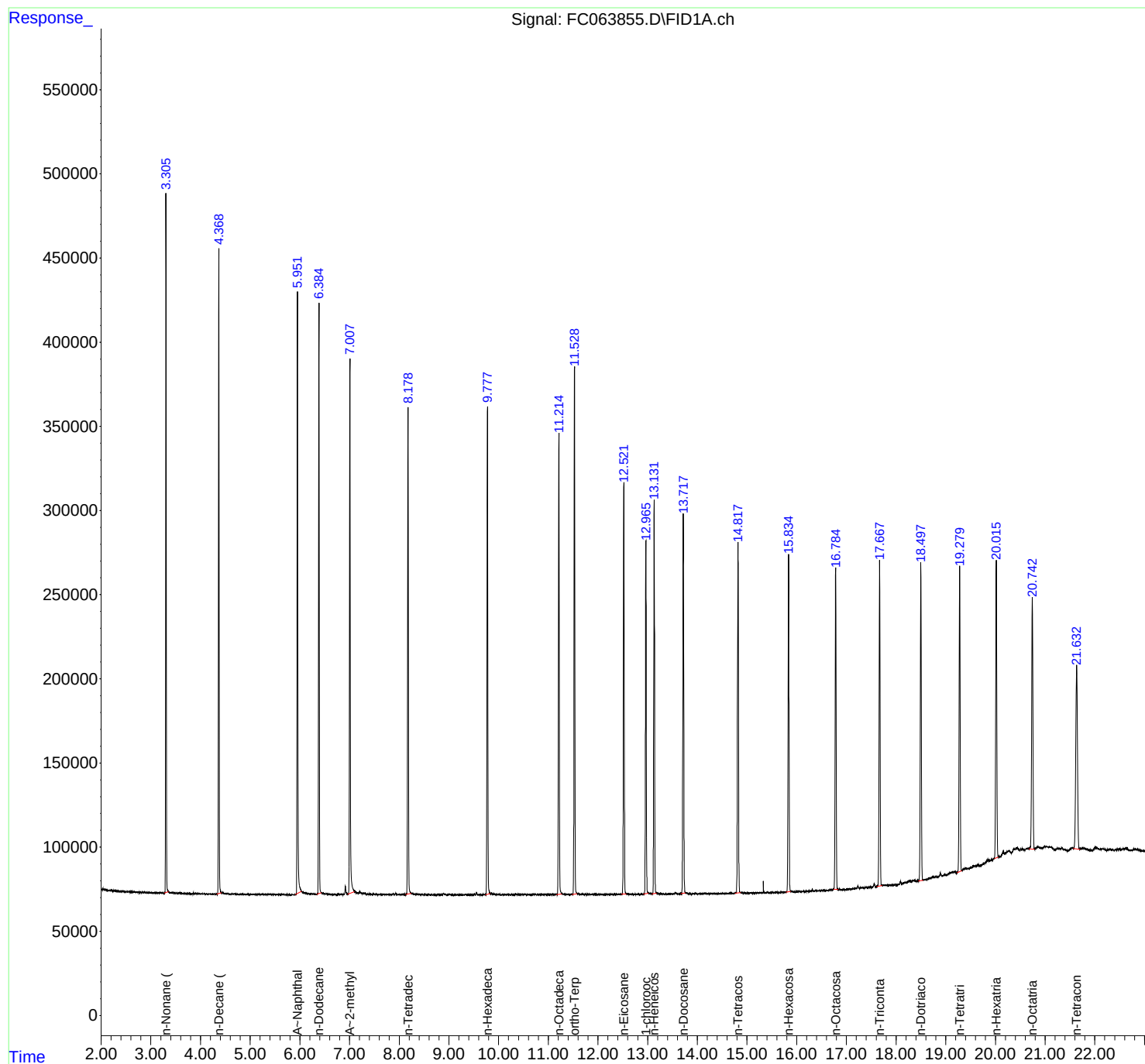
(m)=manual int.

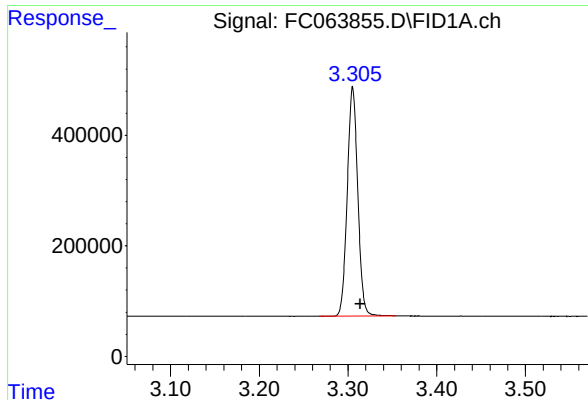
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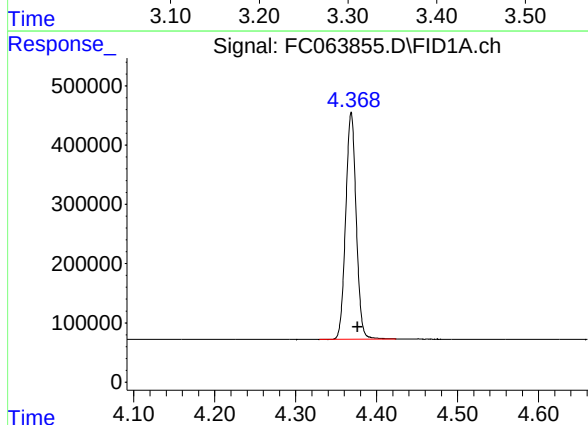




#1 n-Nonane (C9)

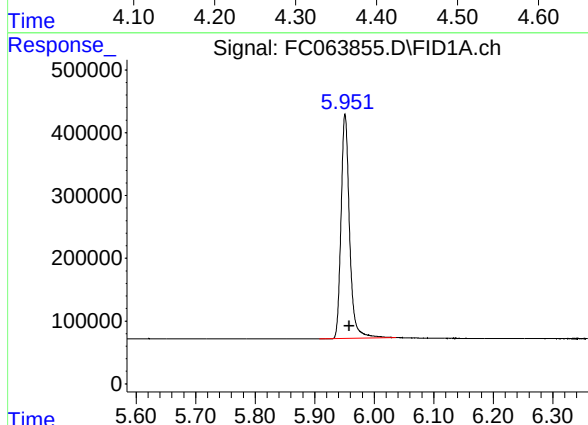
R.T.: 3.305 min
Delta R.T.: -0.009 min
Response: 3411364
Conc: 21.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



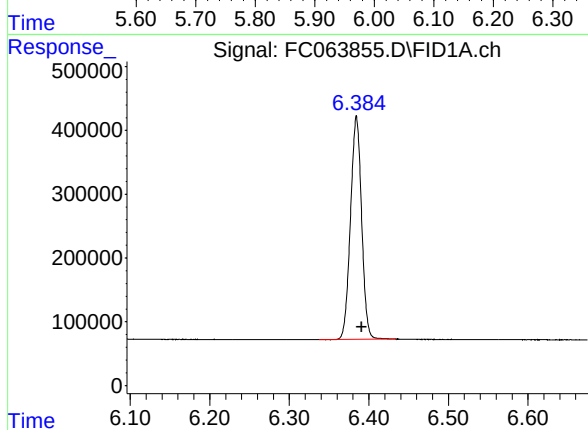
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.008 min
Response: 3445354
Conc: 21.31 ug/ml



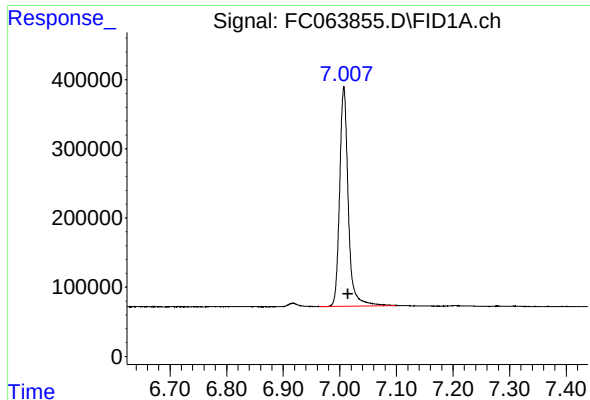
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 3541889
Conc: 20.39 ug/ml



#4 n-Dodecane (C12)

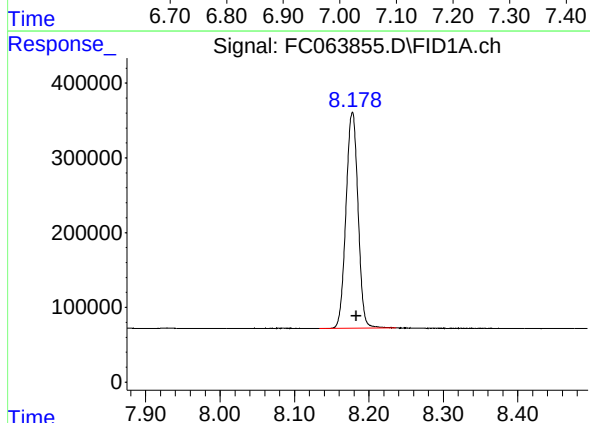
R.T.: 6.384 min
Delta R.T.: -0.007 min
Response: 3397738
Conc: 20.78 ug/ml



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

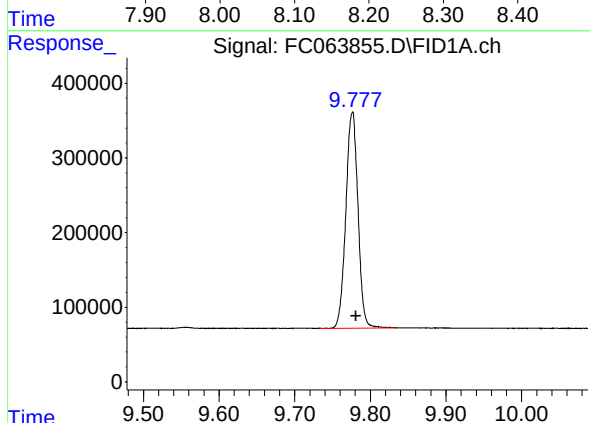
R.T.: 7.007 min
Delta R.T.: -0.007 min
Response: 3354212
Conc: 20.47 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



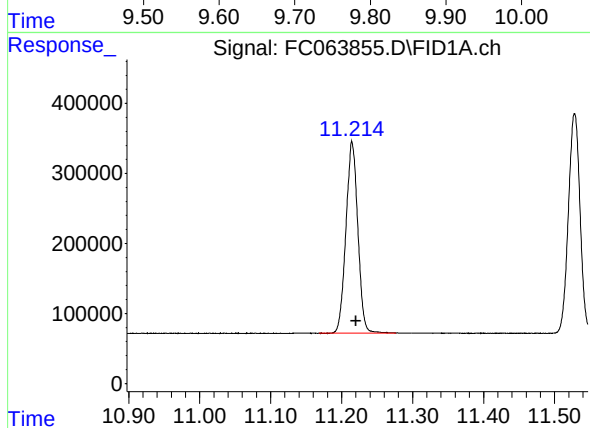
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.005 min
Response: 3248437
Conc: 20.66 ug/ml



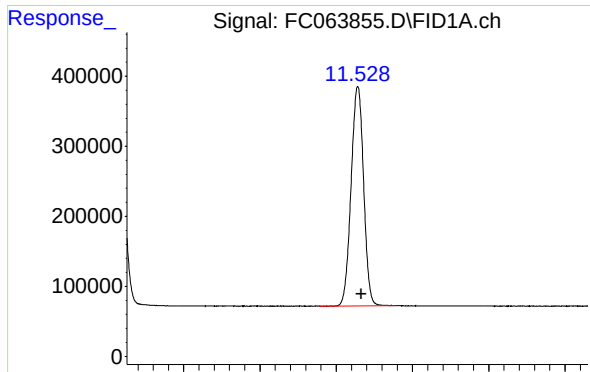
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: -0.004 min
Response: 3230268
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

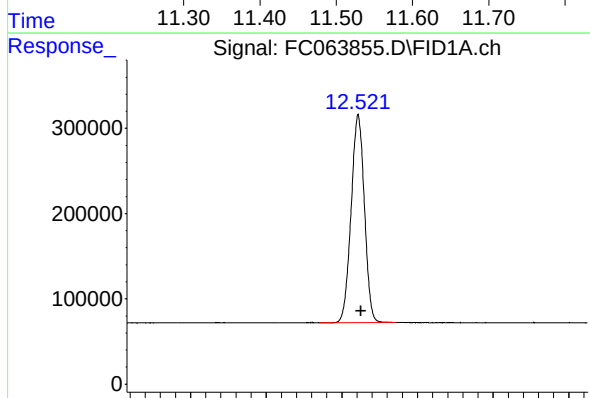
R.T.: 11.215 min
Delta R.T.: -0.005 min
Response: 3184457
Conc: 20.13 ug/ml



#9 ortho-Terphenyl (SURR)

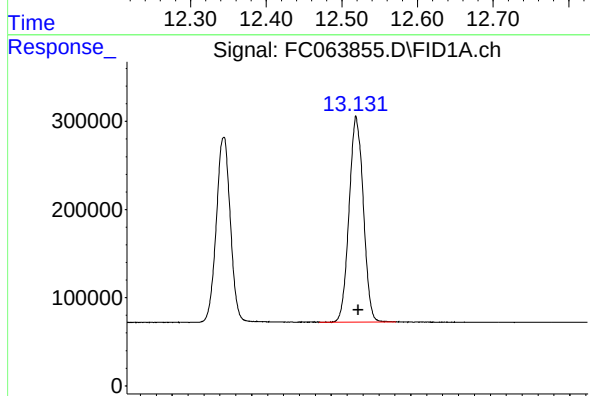
R.T.: 11.528 min
Delta R.T.: -0.004 min
Response: 3568386
Conc: 19.55 ug/ml

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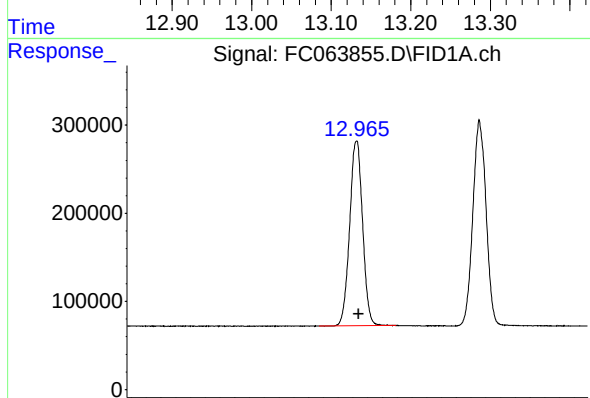
#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: -0.004 min
Response: 2978752
Conc: 20.14 ug/ml



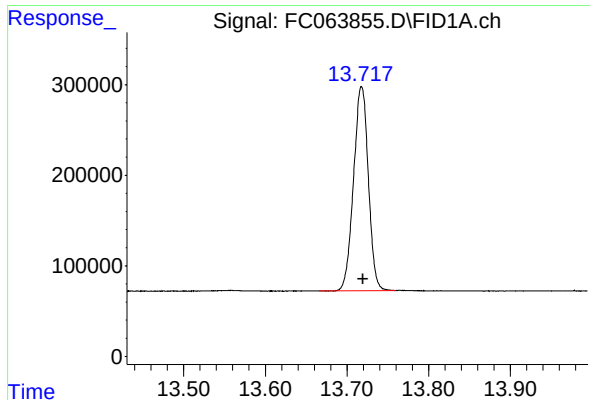
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: -0.003 min
Response: 2890838
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

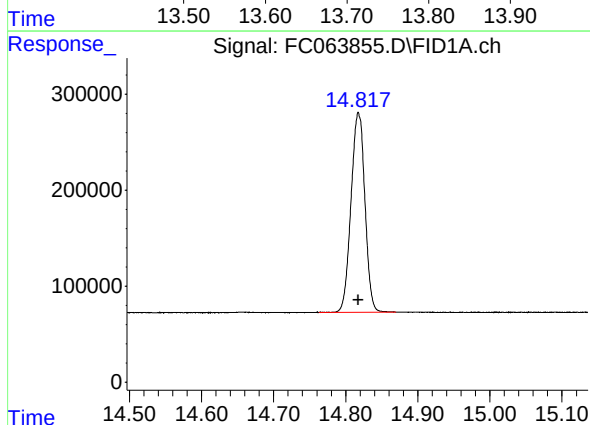
R.T.: 12.965 min
Delta R.T.: -0.003 min
Response: 2555999
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

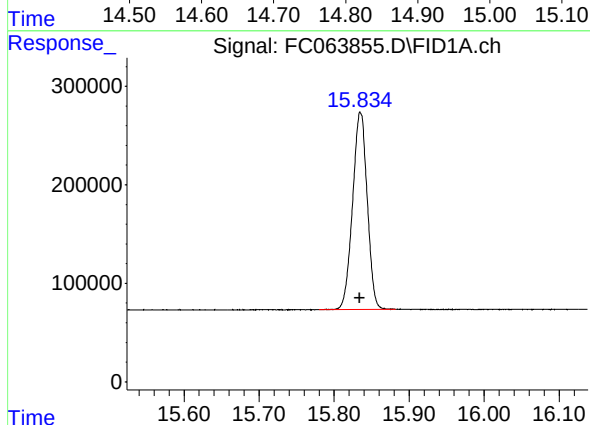
R.T.: 13.718 min
Delta R.T.: -0.002 min
Response: 2835149
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



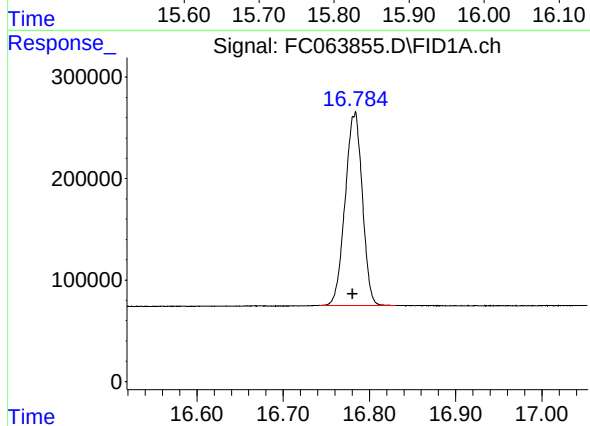
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.000 min
Response: 2782944
Conc: 20.28 ug/ml



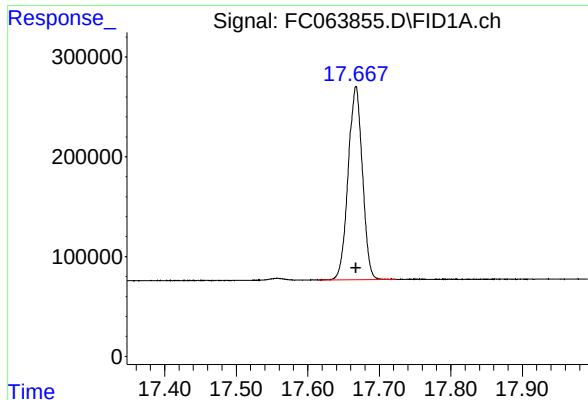
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: 0.001 min
Response: 2712753
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

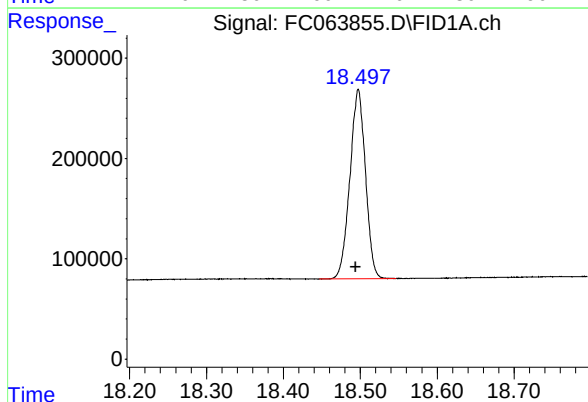
R.T.: 16.783 min
Delta R.T.: 0.002 min
Response: 2638216
Conc: 20.78 ug/ml



#17 n-Tricontane (C30)

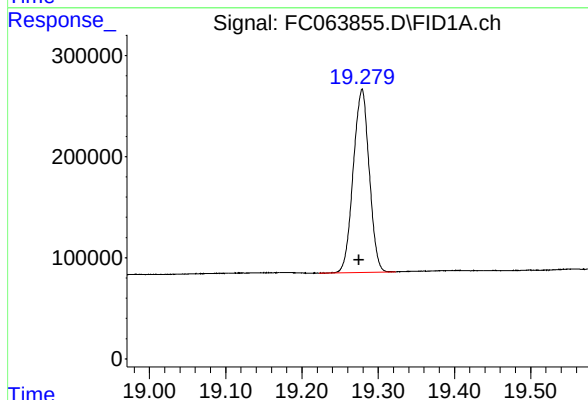
R.T.: 17.667 min
Delta R.T.: 0.000 min
Response: 2681086
Conc: 20.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



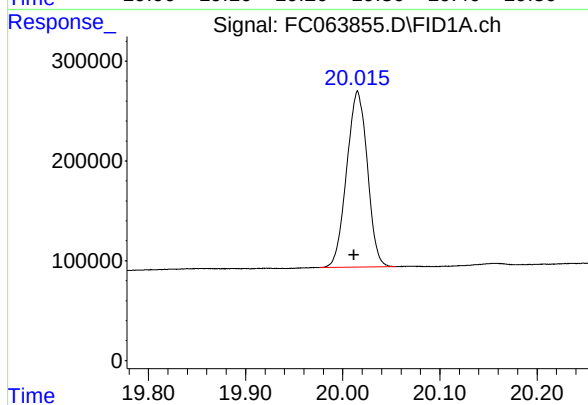
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: 0.004 min
Response: 2654060
Conc: 21.33 ug/ml



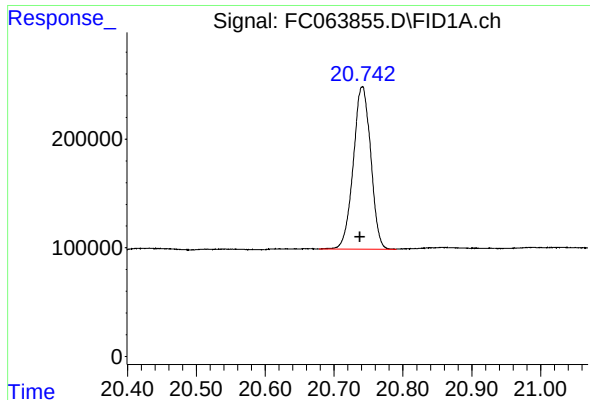
#19 n-Tetatriacontane (C34)

R.T.: 19.279 min
Delta R.T.: 0.004 min
Response: 2633960
Conc: 21.36 ug/ml



#20 n-Hexatriacontane (C36)

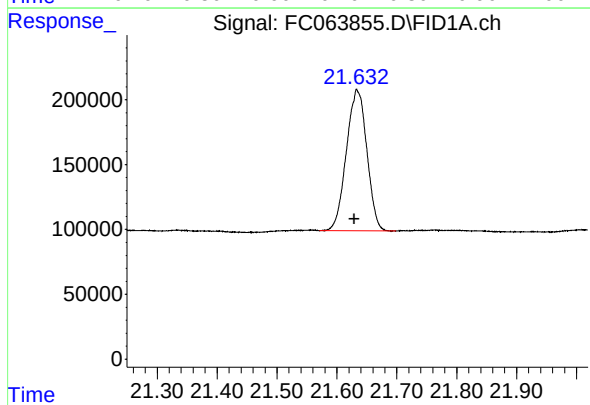
R.T.: 20.015 min
Delta R.T.: 0.004 min
Response: 2602487
Conc: 21.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.004 min
Response: 2627662
Conc: 21.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.633 min
Delta R.T.: 0.004 min
Response: 2588232
Conc: 21.36 ug/ml