

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050823AL\
 Data File : FC063594.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2023 07:30
 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: May 09 08:00:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:15:25 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)	11.525	3710798	19.806 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
12) S 1-chlorooctadecane (S...	12.960	2608928	19.924 ug/ml
Spiked Amount 50.000		Recovery =	39.85%
Target Compounds			
1) T n-Nonane (C9)	3.298	3192953	19.943 ug/ml
2) T n-Decane (C10)	4.362	3240409	20.025 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3444833	20.289 ug/ml
4) T n-Dodecane (C12)	6.381	3269345	20.084 ug/ml
5) T A~2-methylnaphthalene...	7.003	3286343	20.318 ug/ml
6) T n-Tetradecane (C14)	8.174	3150457	19.948 ug/ml
7) T n-Hexadecane (C16)	9.773	3236281	20.173 ug/ml
8) T n-Octadecane (C18)	11.213	3226775	20.147 ug/ml
10) T n-Eicosane (C20)	12.519	3054803	20.135 ug/ml
11) T n-Heneicosane (C21)	13.130	2984727	20.367 ug/ml
13) T n-Docosane (C22)	13.714	2897668	20.081 ug/ml
14) T n-Tetracosane (C24)	14.814	2810916	19.983 ug/ml
15) T n-Hexacosane (C26)	15.834	2715790	19.886 ug/ml
16) T n-Octacosane (C28)	16.779	2589774	19.580 ug/ml
17) T n-Tricontane (C30)	17.666	2585305	19.227 ug/ml
18) T n-Dotriacontane (C32)	18.495	2575250	19.287 ug/ml
19) T n-Tetratriacontane (C34)	19.277	2476774	19.080 ug/ml
20) T n-Hexatriacontane (C36)	20.014	2393804	19.330 ug/ml
21) T n-Octatriacontane (C38)	20.738	2419122	19.360 ug/ml
22) T n-Tetracontane (C40)	21.632	2369509	19.275 ug/ml

(f)=RT Delta > 1/2 Window

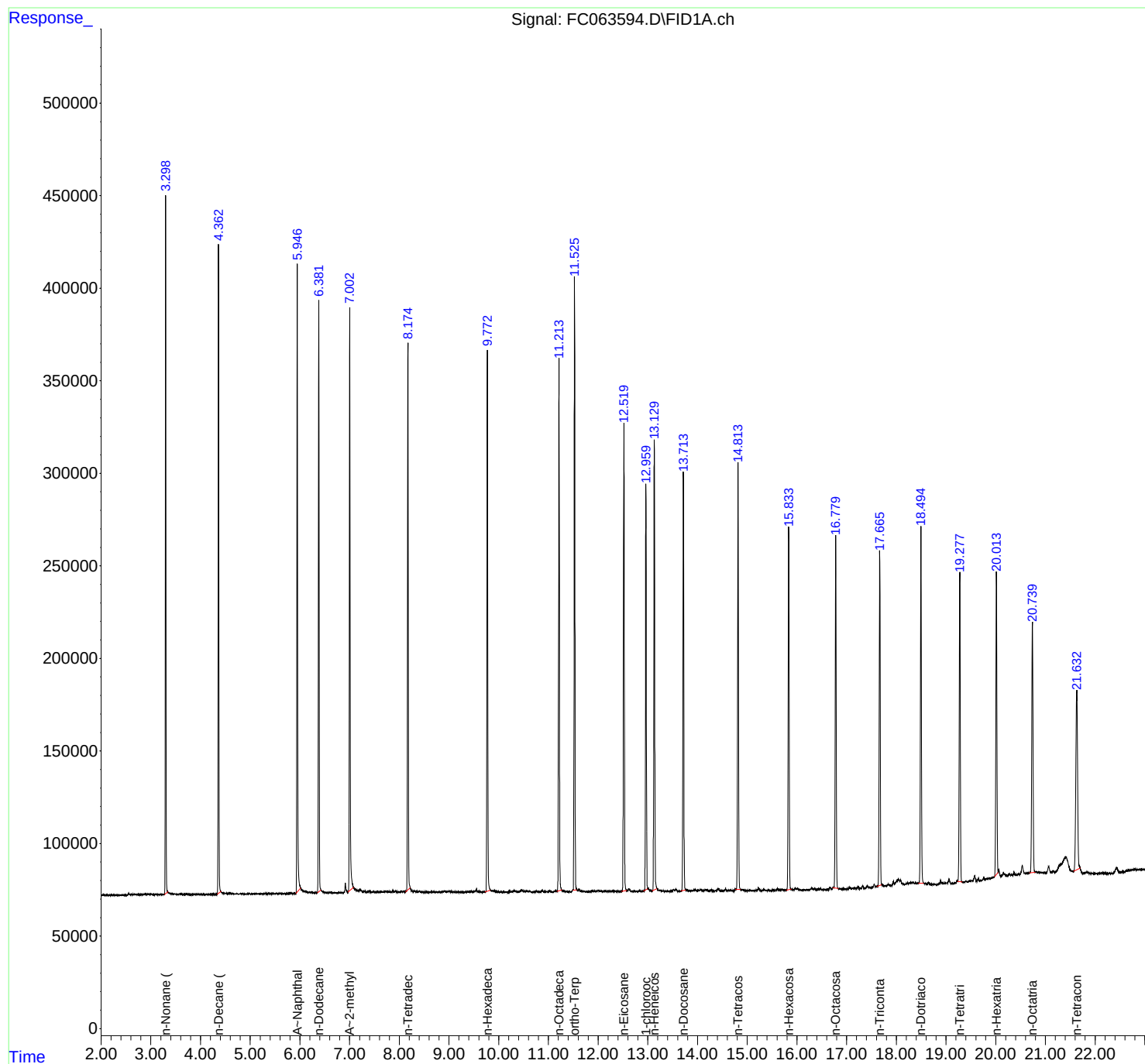
(m)=manual int.

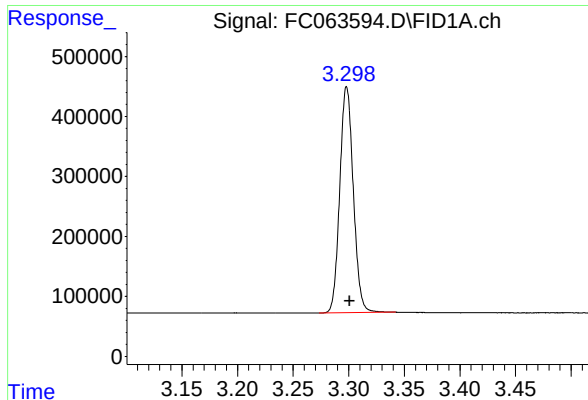
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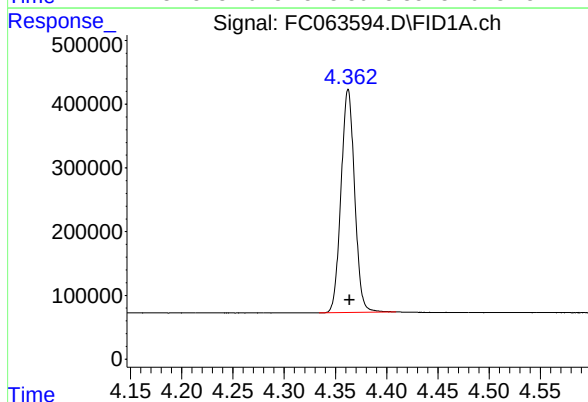




#1 n-Nonane (C9)

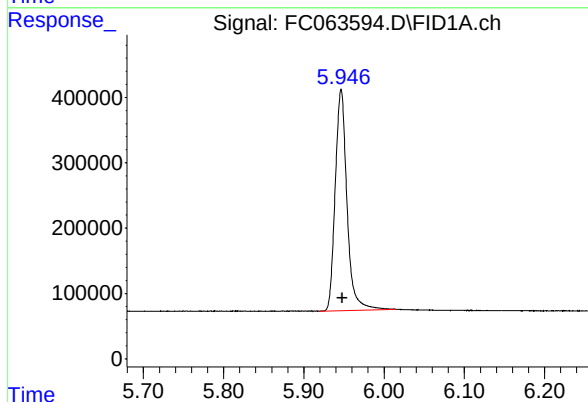
R.T.: 3.298 min
Delta R.T.: -0.003 min
Response: 3192953
Conc: 19.94 ug/ml

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20 PPM ALIPHATIC HC STD



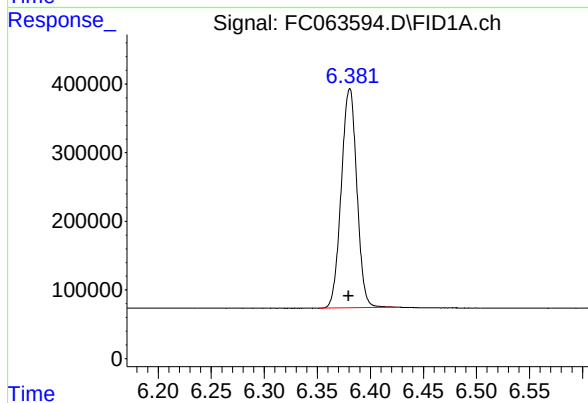
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.001 min
Response: 3240409
Conc: 20.03 ug/ml



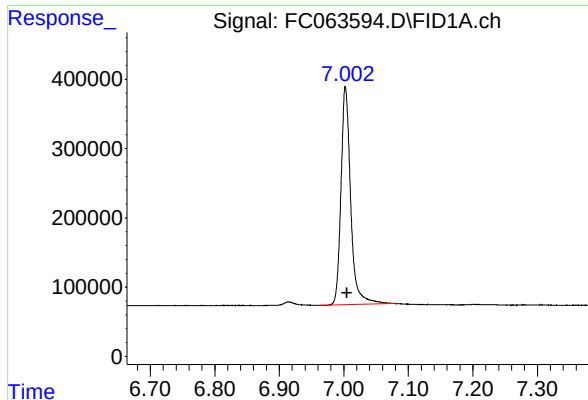
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 3444833
Conc: 20.29 ug/ml



#4 n-Dodecane (C12)

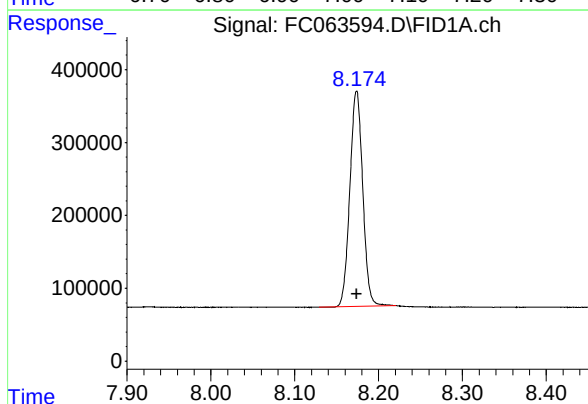
R.T.: 6.381 min
Delta R.T.: 0.001 min
Response: 3269345
Conc: 20.08 ug/ml



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

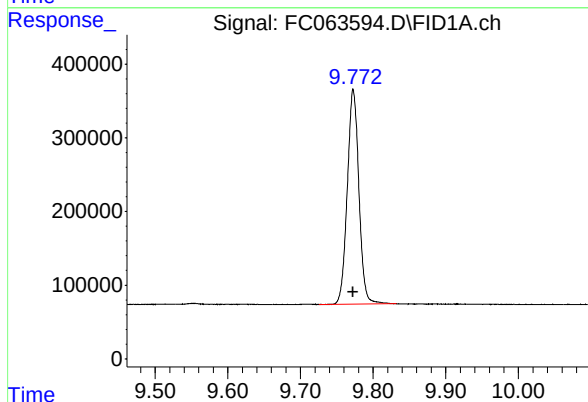
R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 3286343
Conc: 20.32 ug/ml

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20 PPM ALIPHATIC HC STD



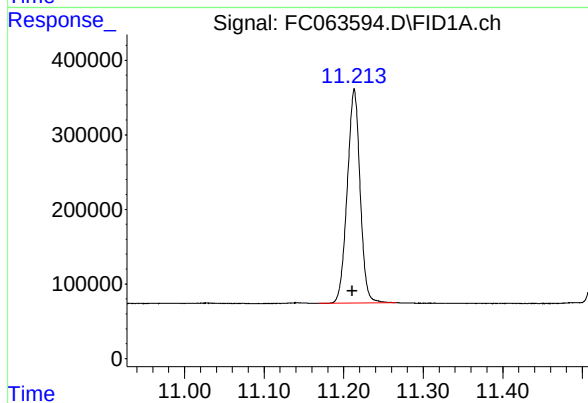
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 3150457
Conc: 19.95 ug/ml



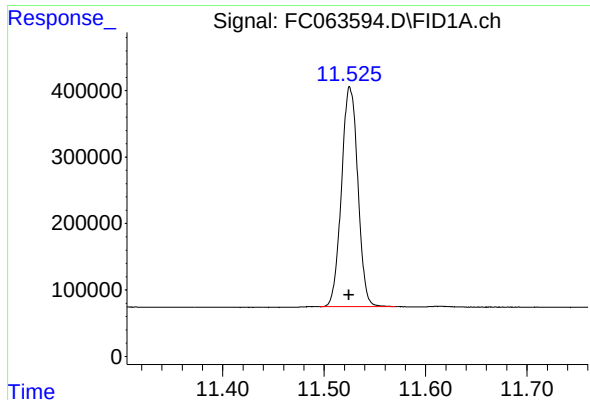
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 3236281
Conc: 20.17 ug/ml



#8 n-Octadecane (C18)

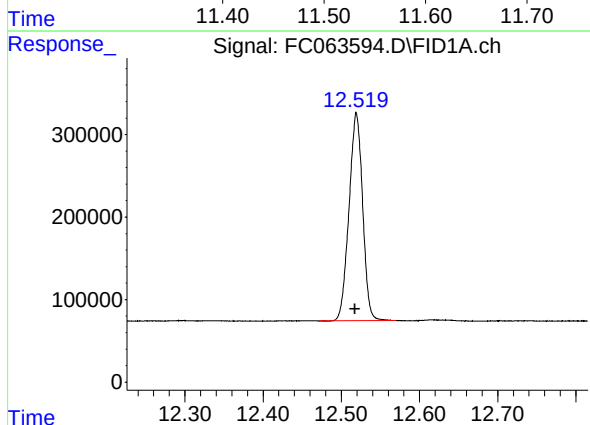
R.T.: 11.213 min
Delta R.T.: 0.002 min
Response: 3226775
Conc: 20.15 ug/ml



#9 ortho-Terphenyl (SURR)

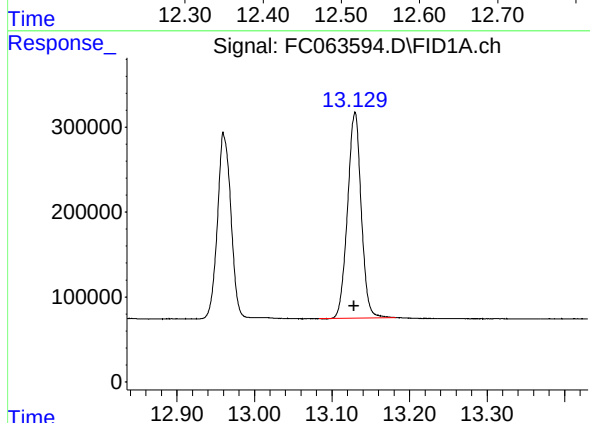
R.T.: 11.525 min
Delta R.T.: 0.000 min
Response: 3710798
Conc: 19.81 ug/ml

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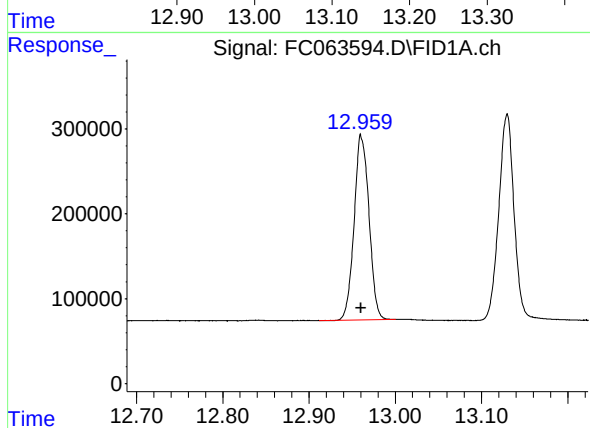
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.002 min
Response: 3054803
Conc: 20.14 ug/ml



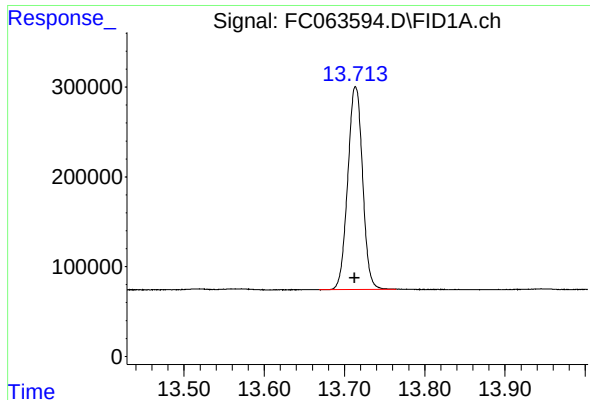
#11 n-Heneicosane (C21)

R.T.: 13.130 min
Delta R.T.: 0.001 min
Response: 2984727
Conc: 20.37 ug/ml



#12 1-chlorooctadecane (SURR)

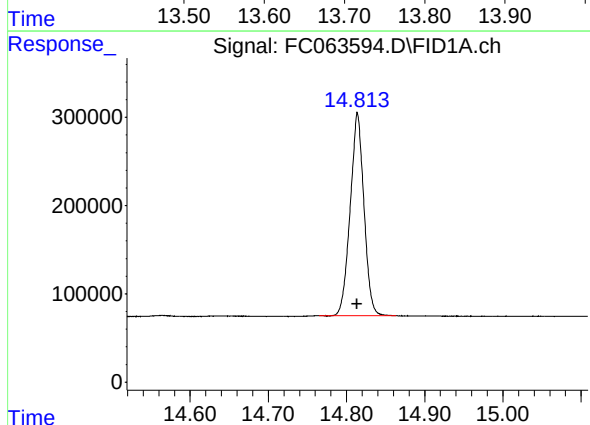
R.T.: 12.960 min
Delta R.T.: 0.000 min
Response: 2608928
Conc: 19.92 ug/ml



#13 n-Docosane (C22)

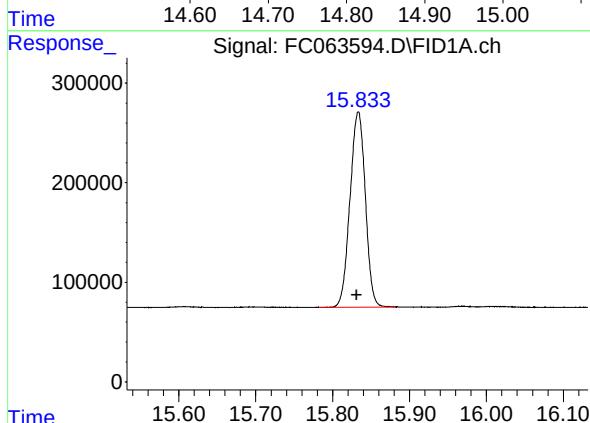
R.T.: 13.714 min
Delta R.T.: 0.001 min
Response: 2897668
Conc: 20.08 ug/ml

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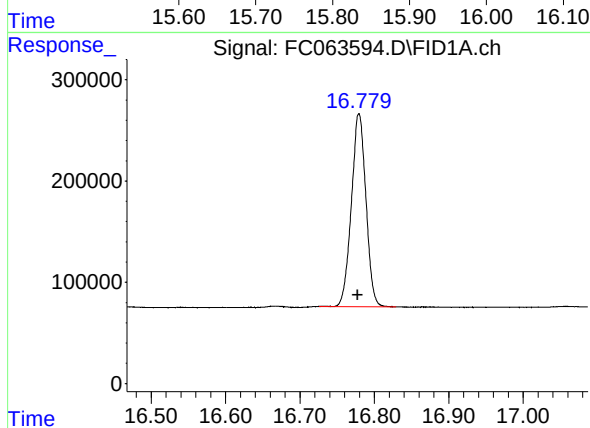
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: 0.000 min
Response: 2810916
Conc: 19.98 ug/ml



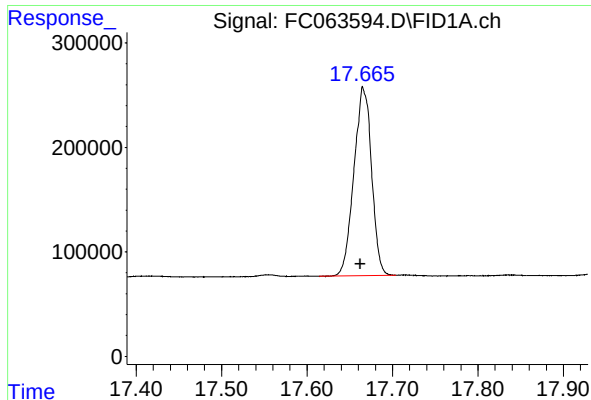
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.002 min
Response: 2715790
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

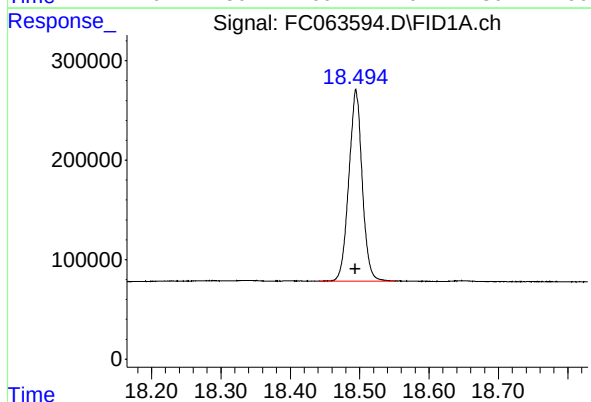
R.T.: 16.779 min
Delta R.T.: 0.002 min
Response: 2589774
Conc: 19.58 ug/ml



#17 n-Tricontane (C30)

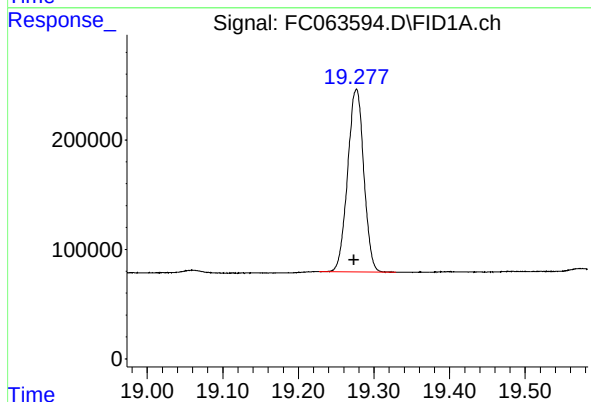
R.T.: 17.666 min
Delta R.T.: 0.003 min
Response: 2585305
Conc: 19.23 ug/ml

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20 PPM ALIPHATIC HC STD



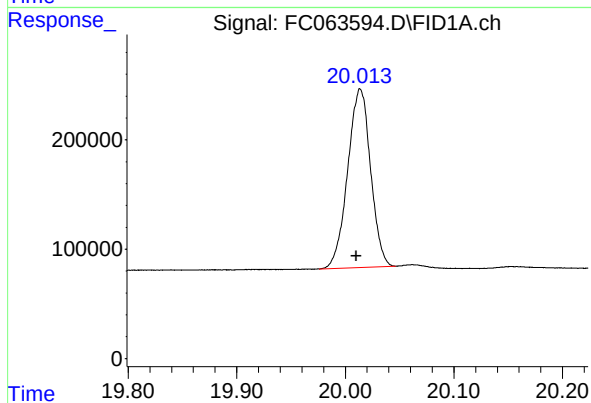
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: 0.001 min
Response: 2575250
Conc: 19.29 ug/ml



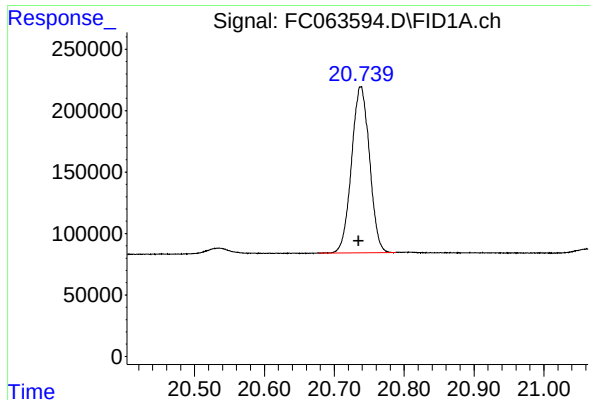
#19 n-Tetatriacontane (C34)

R.T.: 19.277 min
Delta R.T.: 0.003 min
Response: 2476774
Conc: 19.08 ug/ml



#20 n-Hexatriacontane (C36)

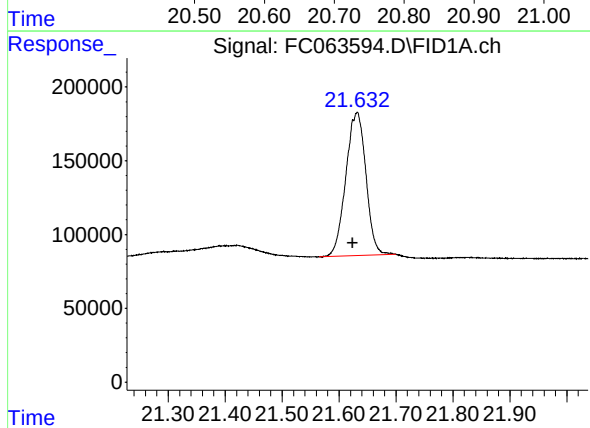
R.T.: 20.014 min
Delta R.T.: 0.004 min
Response: 2393804
Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.003 min
Response: 2419122
Conc: 19.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.632 min
Delta R.T.: 0.008 min
Response: 2369509
Conc: 19.28 ug/ml