

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092722AL\
 Data File : FC061644.D
 Signal(s) : FID1A.ch
 Acq On : 28 Sep 2022 04:47
 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: sample.E
 Quant Time: Sep 28 05:53:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 18:33:32 2022
 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)	11.577	3073205	17.983 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
12) S 1-chlorooctadecane (S...	13.015	2383193	17.445 ug/ml
Spiked Amount 50.000		Recovery =	34.89%
Target Compounds			
1) T n-Nonane (C9)	3.333	2804534	18.788 ug/ml
2) T n-Decane (C10)	4.399	2865174	18.994 ug/ml
3) T A~Naphthalene (C11.7)	5.984	3158452	19.046 ug/ml
4) T n-Dodecane (C12)	6.417	2908514	19.127 ug/ml
5) T A~2-methylnaphthalene...	7.040	3135741	19.063 ug/ml
6) T n-Tetradecane (C14)	8.215	2900616	19.026 ug/ml
7) T n-Hexadecane (C16)	9.818	2936415	18.990 ug/ml
8) T n-Octadecane (C18)	11.261	2886352	18.309 ug/ml
10) T n-Eicosane (C20)	12.571	2830870	17.764 ug/ml
11) T n-Heneicosane (C21)	13.183	2797004	17.434 ug/ml
13) T n-Docosane (C22)	13.770	2765450	17.213 ug/ml
14) T n-Tetracosane (C24)	14.873	2680511	16.733 ug/ml
15) T n-Hexacosane (C26)	15.894	2567508	16.196 ug/ml
16) T n-Octacosane (C28)	16.845	2489718	16.063 ug/ml
17) T n-Tricontane (C30)	17.732	2555479	16.606 ug/mlm
18) T n-Dotriacontane (C32)	18.565	2572986	17.017 ug/mlm
19) T n-Tetratriacontane (C34)	19.349	2409952	16.997 ug/ml
20) T n-Hexatriacontane (C36)	20.088	2306462	16.707 ug/ml
21) T n-Octatriacontane (C38)	20.823	2272788	17.550 ug/mlm
22) T n-Tetracontane (C40)	21.739	2158043	17.659 ug/mlm

(f)=RT Delta > 1/2 Window

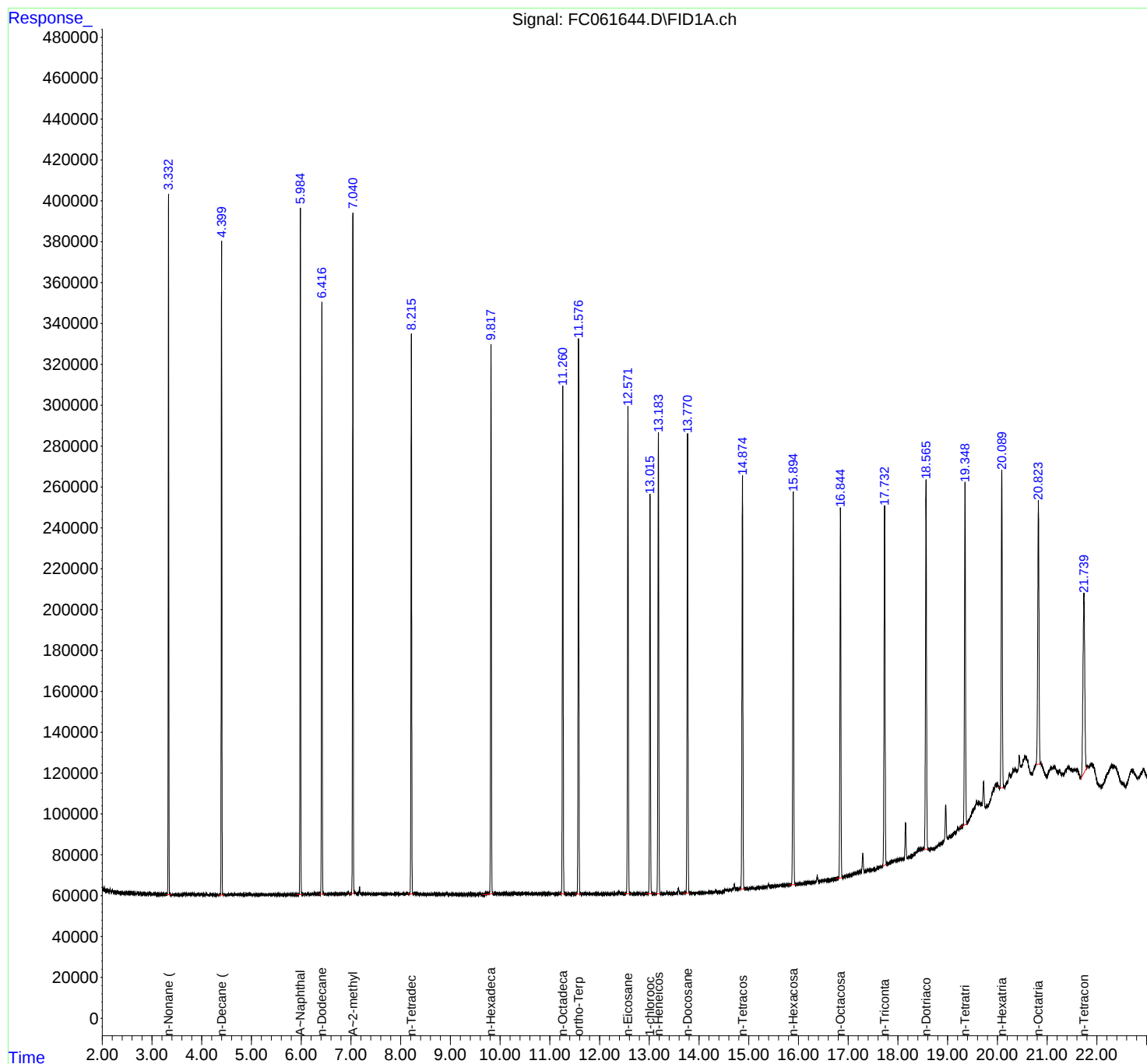
(m)=manual int.

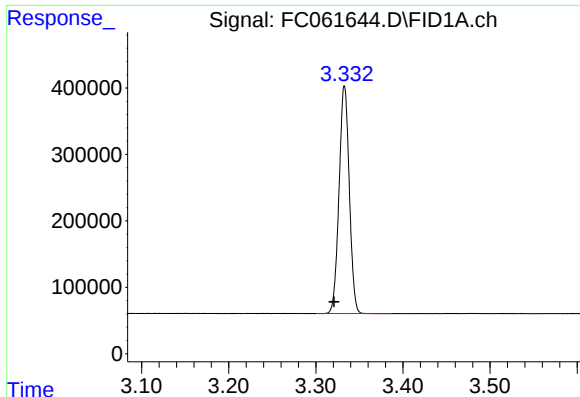
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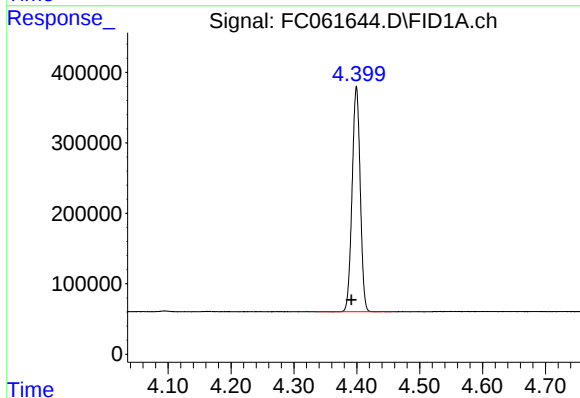




#1 n-Nonane (C9)

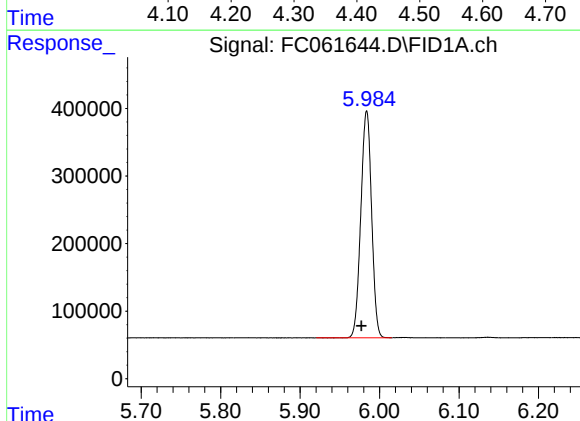
R.T.: 3.333 min
Delta R.T.: 0.012 min
Response: 2804534
Conc: 18.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



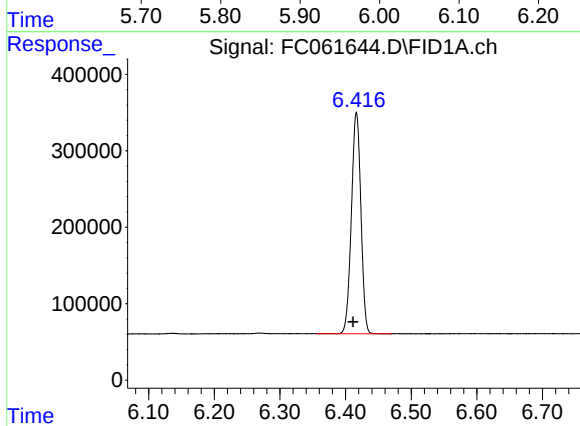
#2 n-Decane (C10)

R.T.: 4.399 min
Delta R.T.: 0.008 min
Response: 2865174
Conc: 18.99 ug/ml



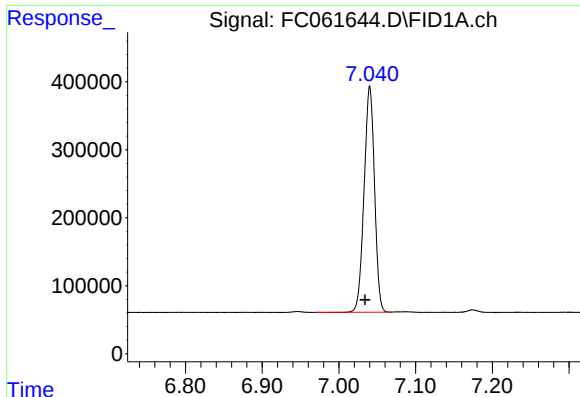
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: 0.006 min
Response: 3158452
Conc: 19.05 ug/ml



#4 n-Dodecane (C12)

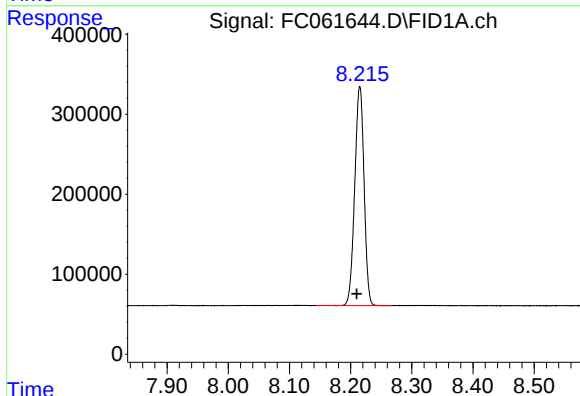
R.T.: 6.417 min
Delta R.T.: 0.005 min
Response: 2908514
Conc: 19.13 ug/ml



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

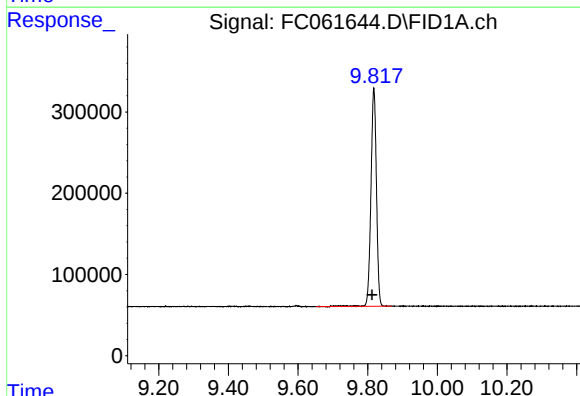
R.T.: 7.040 min
Delta R.T.: 0.006 min
Response: 3135741
Conc: 19.06 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



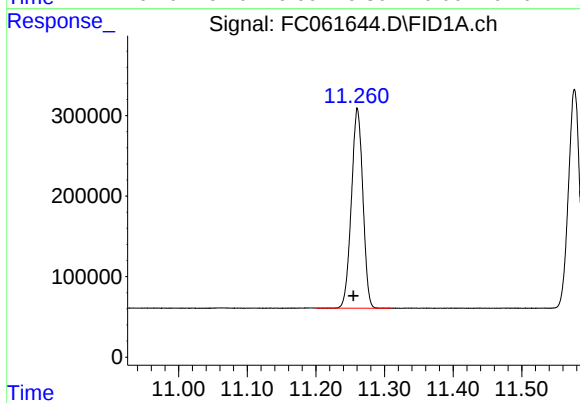
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: 0.005 min
Response: 2900616
Conc: 19.03 ug/ml



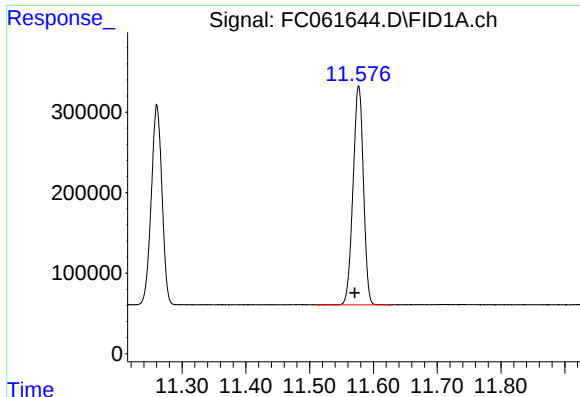
#7 n-Hexadecane (C16)

R.T.: 9.818 min
Delta R.T.: 0.006 min
Response: 2936415
Conc: 18.99 ug/ml



#8 n-Octadecane (C18)

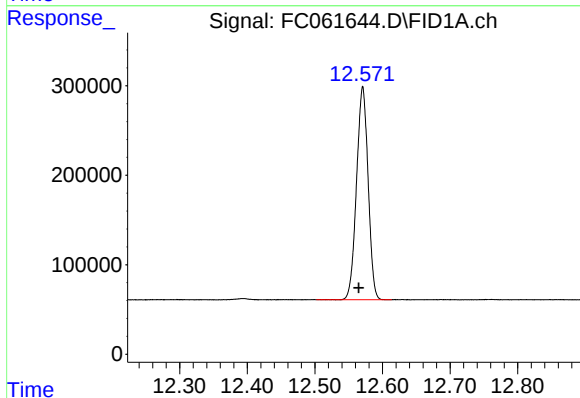
R.T.: 11.261 min
Delta R.T.: 0.006 min
Response: 2886352
Conc: 18.31 ug/ml



#9 ortho-Terphenyl (SURR)

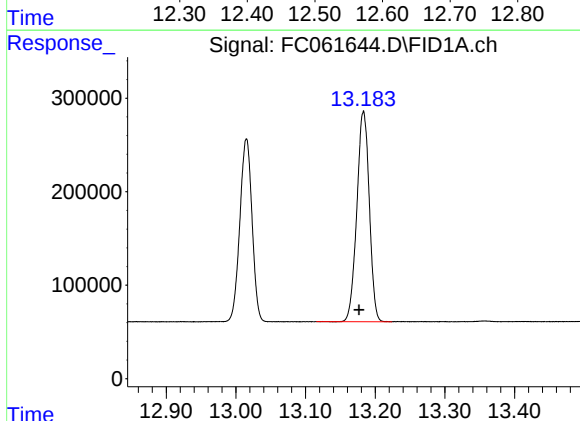
R.T.: 11.577 min
Delta R.T.: 0.006 min
Response: 3073205
Conc: 17.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



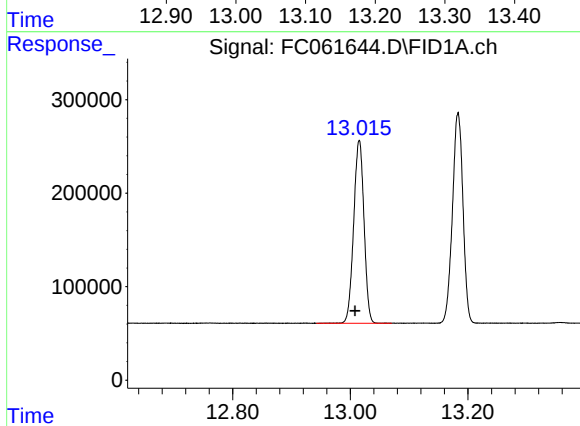
#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: 0.006 min
Response: 2830870
Conc: 17.76 ug/ml



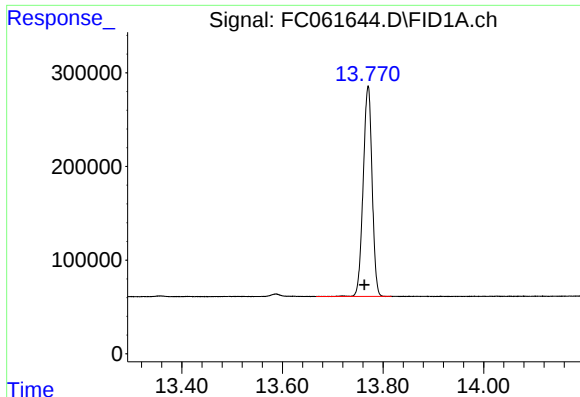
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: 0.007 min
Response: 2797004
Conc: 17.43 ug/ml



#12 1-chlorooctadecane (SURR)

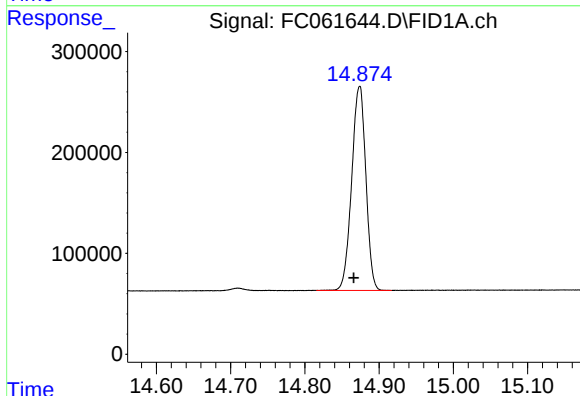
R.T.: 13.015 min
Delta R.T.: 0.007 min
Response: 2383193
Conc: 17.45 ug/ml



#13 n-Docosane (C22)

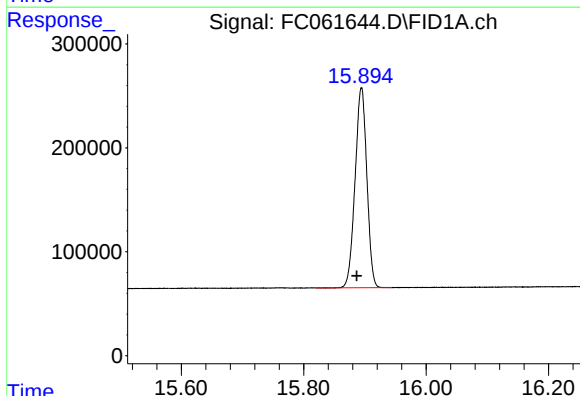
R.T.: 13.770 min
Delta R.T.: 0.007 min
Response: 2765450
Conc: 17.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



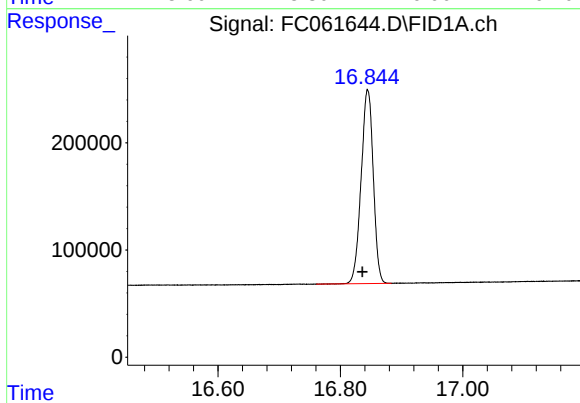
#14 n-Tetracosane (C24)

R.T.: 14.873 min
Delta R.T.: 0.008 min
Response: 2680511
Conc: 16.73 ug/ml



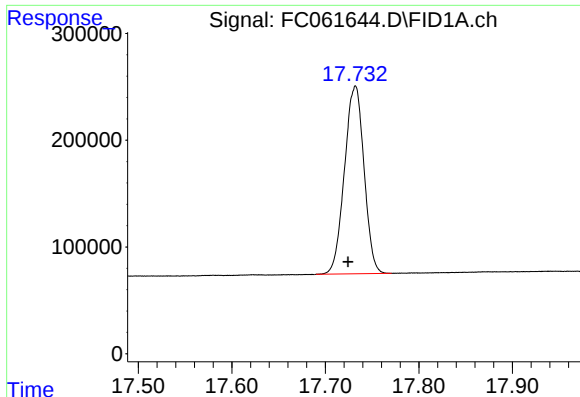
#15 n-Hexacosane (C26)

R.T.: 15.894 min
Delta R.T.: 0.008 min
Response: 2567508
Conc: 16.20 ug/ml



#16 n-Octacosane (C28)

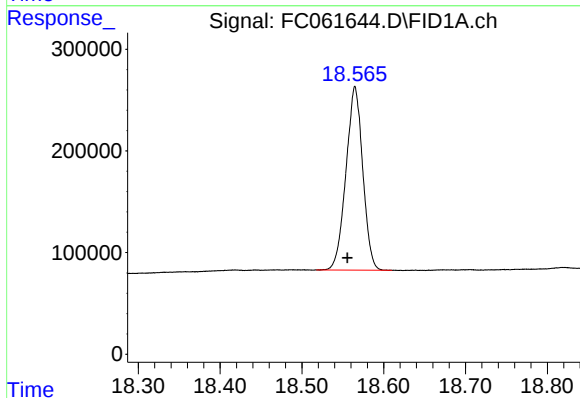
R.T.: 16.845 min
Delta R.T.: 0.009 min
Response: 2489718
Conc: 16.06 ug/ml



#17 n-Tricontane (C30)

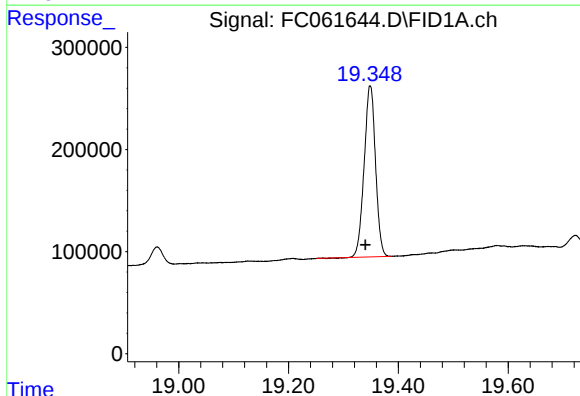
R.T.: 17.732 min
Delta R.T.: 0.008 min
Response: 2555479
Conc: 16.61 ug/ml

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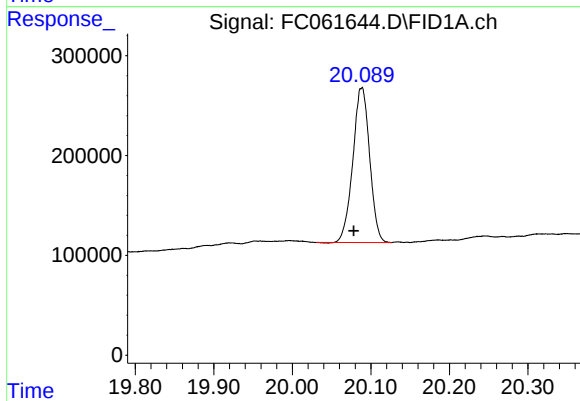
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: 0.009 min
Response: 2572986
Conc: 17.02 ug/ml m



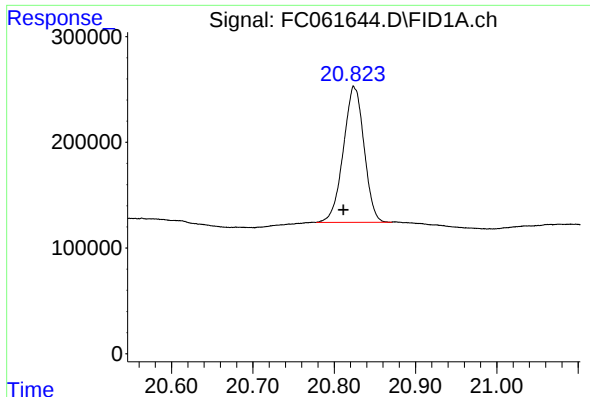
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: 0.009 min
Response: 2409952
Conc: 17.00 ug/ml



#20 n-Hexatriacontane (C36)

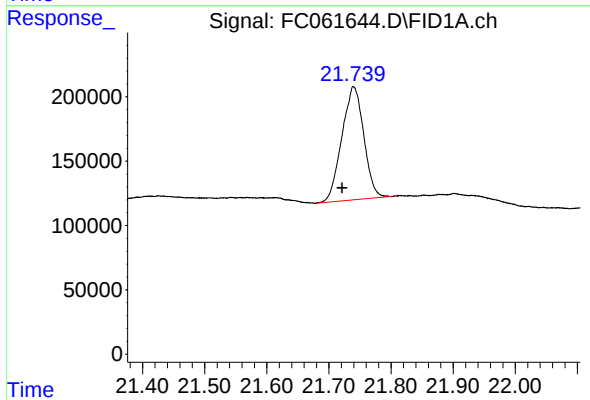
R.T.: 20.088 min
Delta R.T.: 0.010 min
Response: 2306462
Conc: 16.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: 0.012 min
Response: 2272788
Conc: 17.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.739 min
Delta R.T.: 0.018 min
Response: 2158043
Conc: 17.66 ug/ml m