

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
 Data File : FC069555.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2025 21:59
 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: Jul 29 01:18:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 2025
 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)	11.673	2920116	19.677 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	13.108	2192305	19.399 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T n-Nonane (C9)	3.402	2684527	19.727 ug/ml
2) T n-Decane (C10)	4.475	2762863	19.851 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2982565	19.738 ug/ml
4) T n-Dodecane (C12)	6.500	2776169	19.587 ug/ml
5) T A~2-methylnaphthalene...	7.131	2858941	19.569 ug/ml
6) T n-Tetradecane (C14)	8.300	2722647	19.149 ug/ml
7) T n-Hexadecane (C16)	9.904	2783772	19.072 ug/ml
8) T n-Octadecane (C18)	11.349	2749621	19.115 ug/ml
10) T n-Eicosane (C20)	12.661	2589483	19.288 ug/ml
11) T n-Heneicosane (C21)	13.274	2515145	19.363 ug/ml
13) T n-Docosane (C22)	13.862	2478674	19.516 ug/ml
14) T n-Tetracosane (C24)	14.966	2436836	19.965 ug/ml
15) T n-Hexacosane (C26)	15.989	2339115	20.133 ug/ml
16) T n-Octacosane (C28)	16.940	2287090	20.658 ug/ml
17) T n-Tricontane (C30)	17.829	2369191	21.637 ug/ml
18) T n-Dotriacontane (C32)	18.664	2360821	22.751 ug/ml
19) T n-Tetratriacontane (C34)	19.448	2143097	22.744 ug/ml
20) T n-Hexatriacontane (C36)	20.189	1836295	22.232 ug/ml
21) T n-Octatriacontane (C38)	20.956	1683959	22.171 ug/ml
22) T n-Tetracontane (C40)	21.920	1567540	21.400 ug/ml

(f)=RT Delta > 1/2 Window

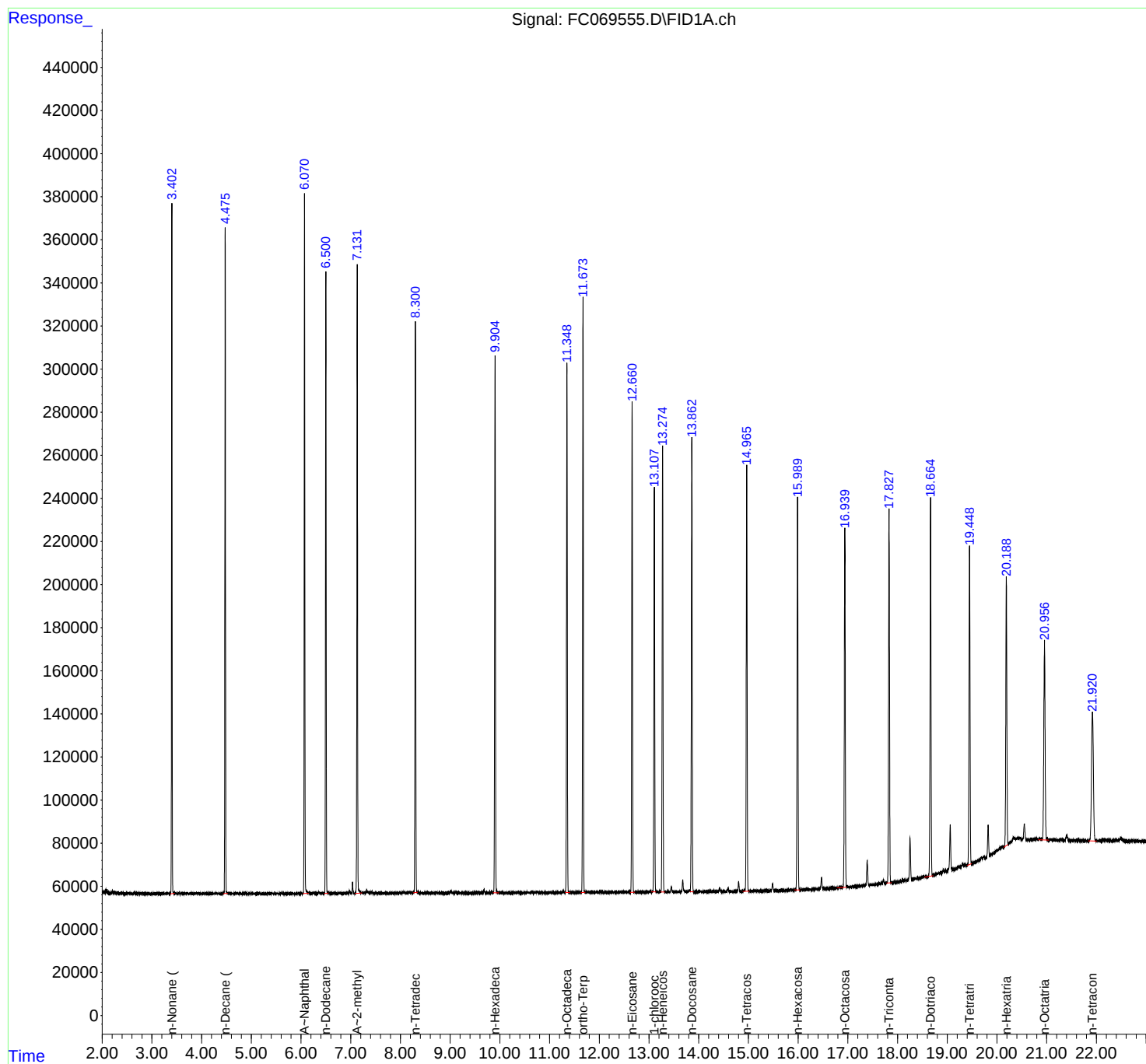
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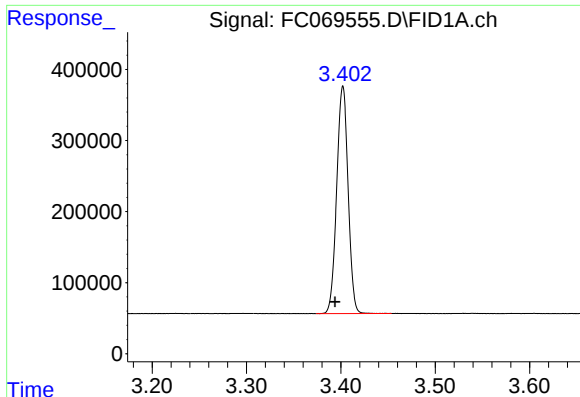
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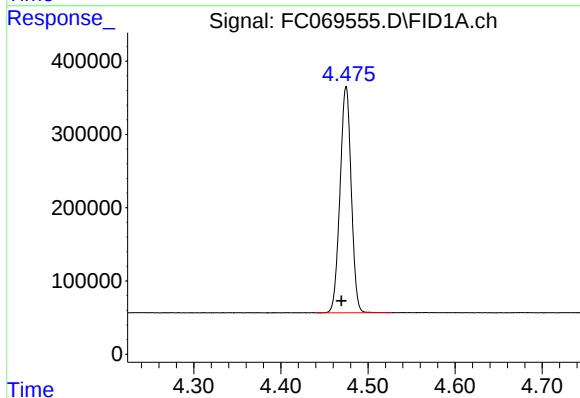




#1 n-Nonane (C9)

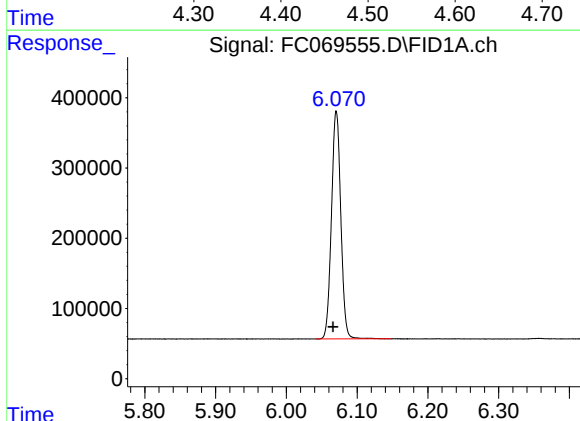
R.T.: 3.402 min
Delta R.T.: 0.008 min
Response: 2684527
Conc: 19.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



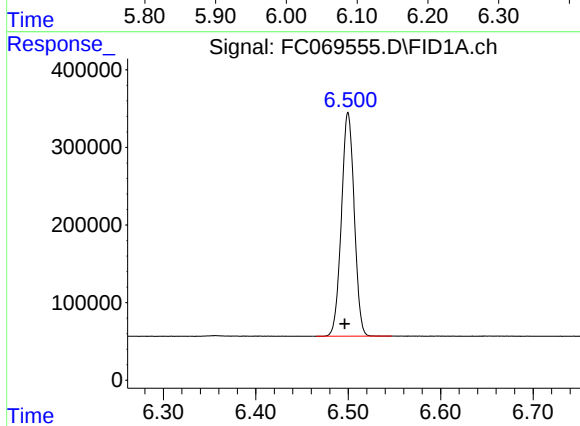
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.005 min
Response: 2762863
Conc: 19.85 ug/ml



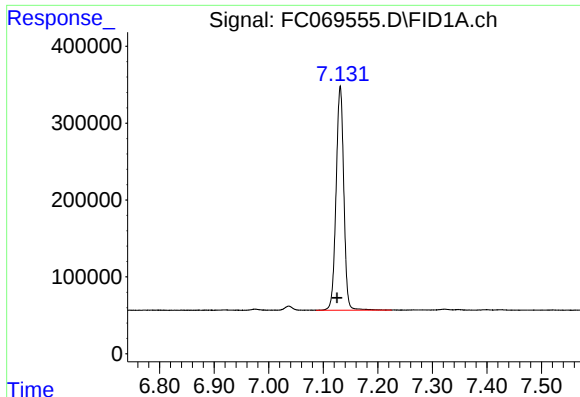
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: 0.004 min
Response: 2982565
Conc: 19.74 ug/ml



#4 n-Dodecane (C12)

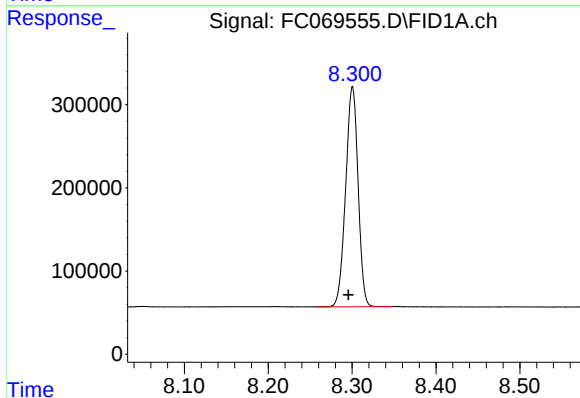
R.T.: 6.500 min
Delta R.T.: 0.004 min
Response: 2776169
Conc: 19.59 ug/ml



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

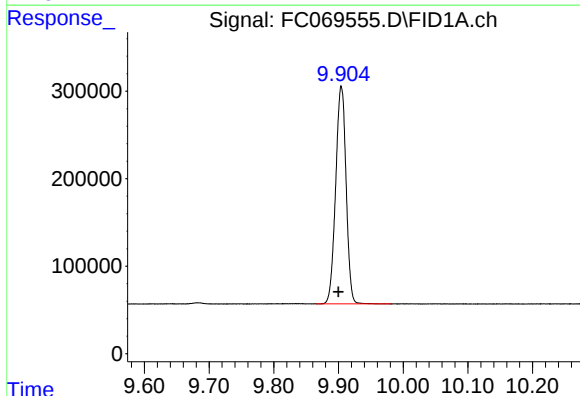
R.T.: 7.131 min
Delta R.T.: 0.006 min
Response: 2858941
Conc: 19.57 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



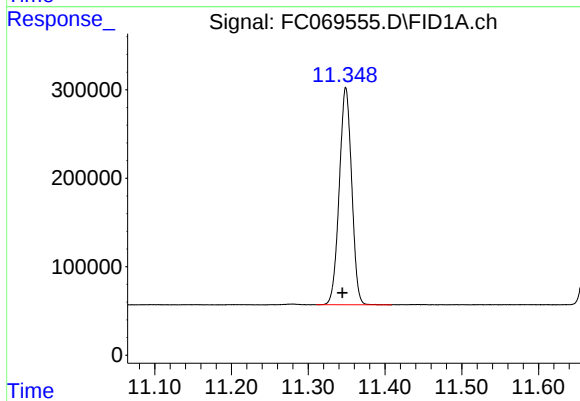
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: 0.005 min
Response: 2722647
Conc: 19.15 ug/ml



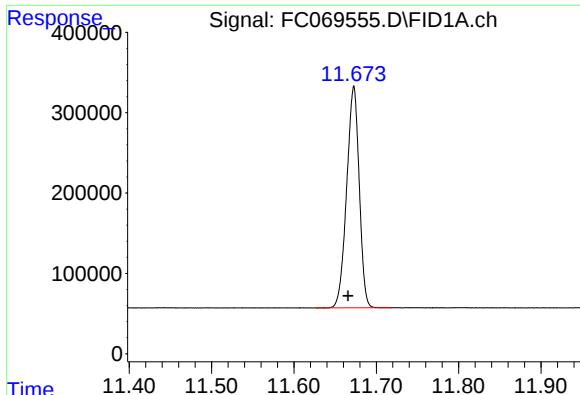
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: 0.005 min
Response: 2783772
Conc: 19.07 ug/ml



#8 n-Octadecane (C18)

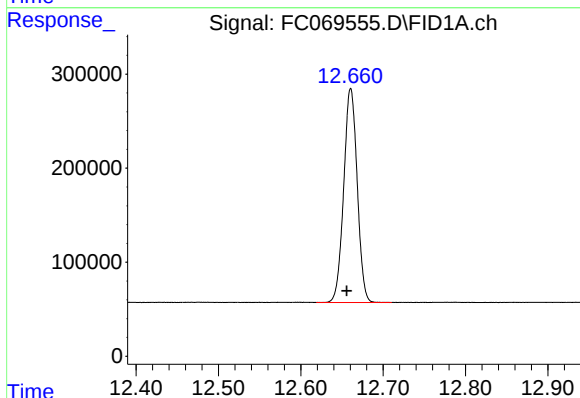
R.T.: 11.349 min
Delta R.T.: 0.004 min
Response: 2749621
Conc: 19.11 ug/ml



#9 ortho-Terphenyl (SURR)

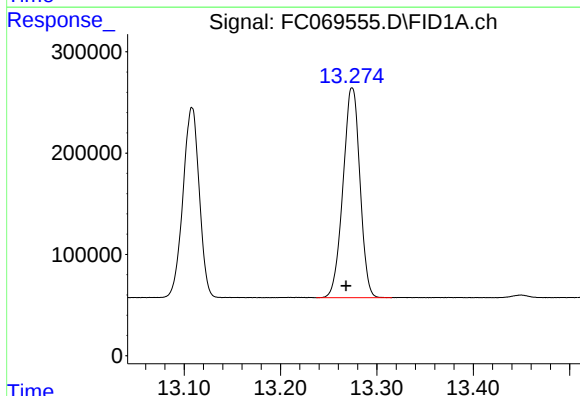
R.T.: 11.673 min
Delta R.T.: 0.007 min
Response: 2920116
Conc: 19.68 ug/ml

Instrument :
FID_C
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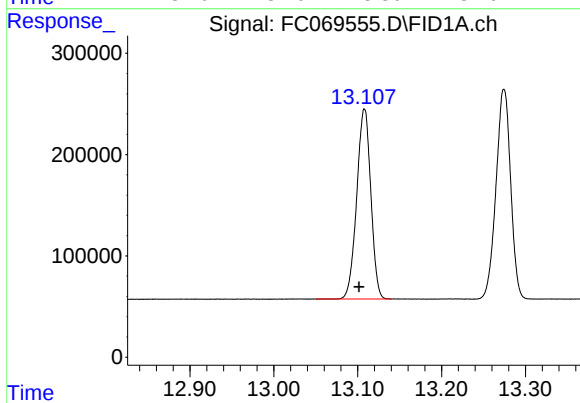
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.005 min
Response: 2589483
Conc: 19.29 ug/ml



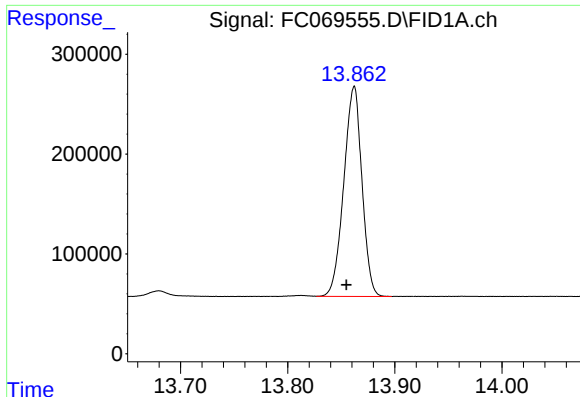
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: 0.006 min
Response: 2515145
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

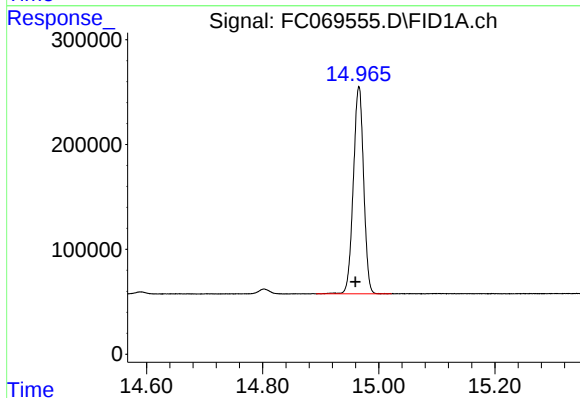
R.T.: 13.108 min
Delta R.T.: 0.006 min
Response: 2192305
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

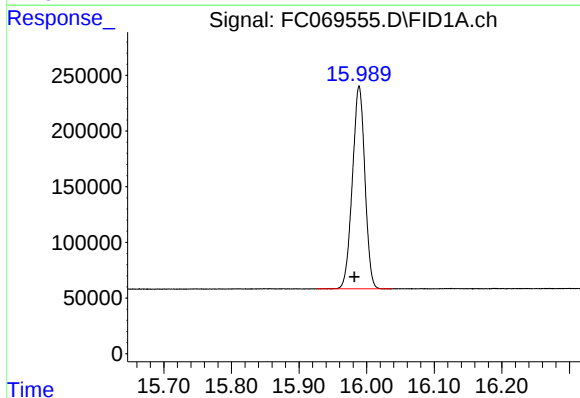
R.T.: 13.862 min
Delta R.T.: 0.007 min
Response: 2478674
Conc: 19.52 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



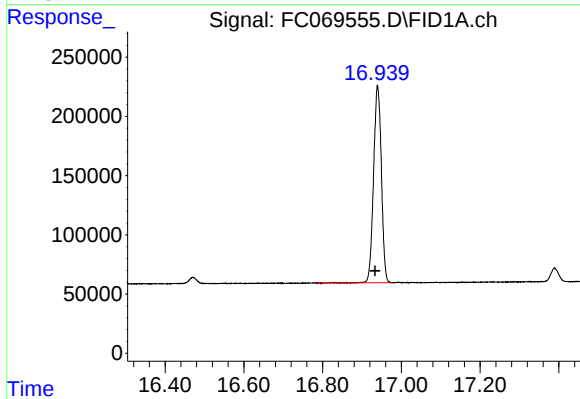
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: 0.006 min
Response: 2436836
Conc: 19.97 ug/ml



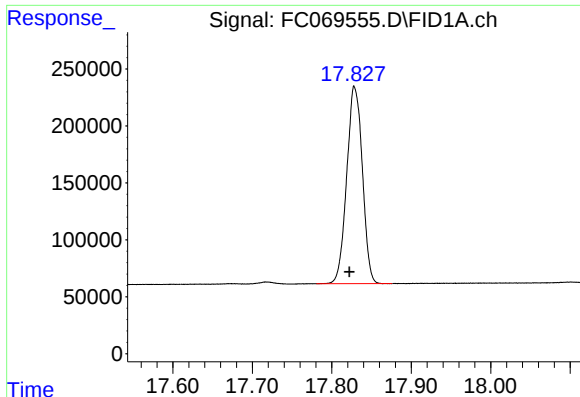
#15 n-Hexacosane (C26)

R.T.: 15.989 min
Delta R.T.: 0.007 min
Response: 2339115
Conc: 20.13 ug/ml



#16 n-Octacosane (C28)

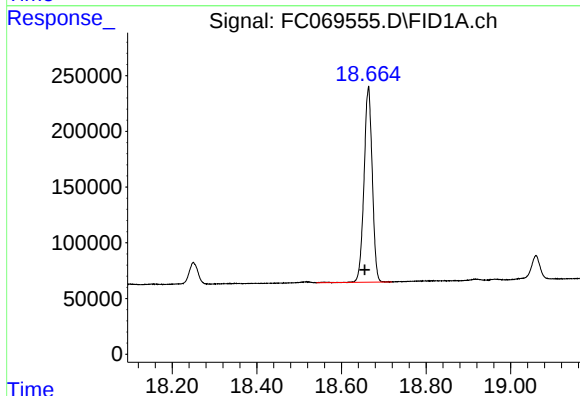
R.T.: 16.940 min
Delta R.T.: 0.006 min
Response: 2287090
Conc: 20.66 ug/ml



#17 n-Tricontane (C30)

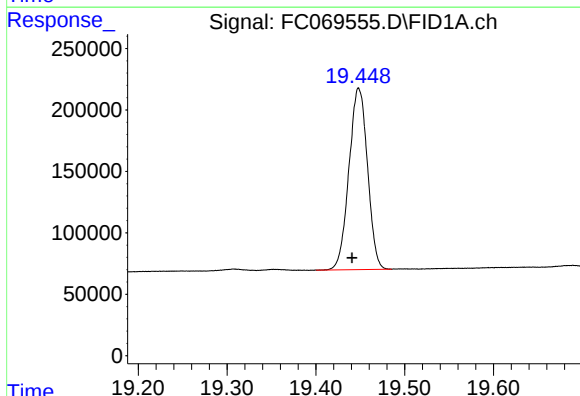
R.T.: 17.829 min
Delta R.T.: 0.007 min
Response: 2369191
Conc: 21.64 ug/ml

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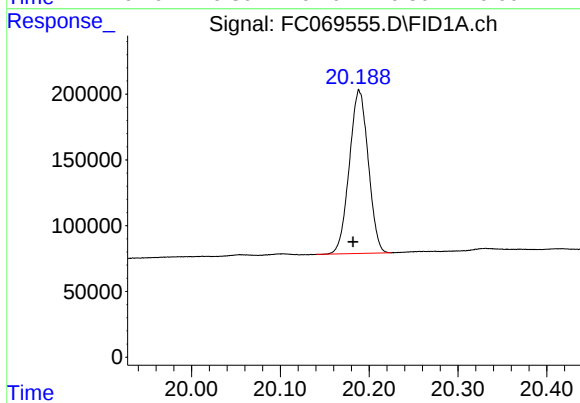
#18 n-Dotriacontane (C32)

R.T.: 18.664 min
Delta R.T.: 0.008 min
Response: 2360821
Conc: 22.75 ug/ml



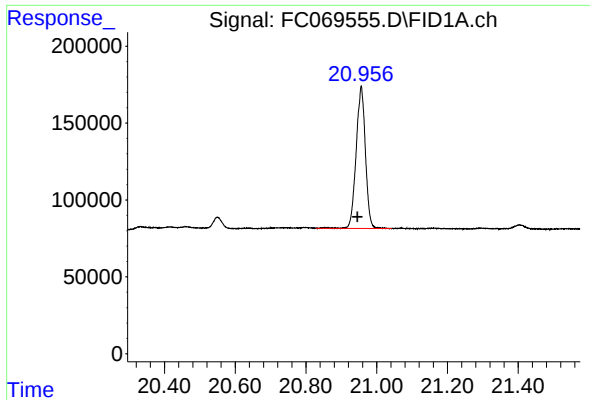
#19 n-Tetratriacontane (C34)

R.T.: 19.448 min
Delta R.T.: 0.008 min
Response: 2143097
Conc: 22.74 ug/ml



#20 n-Hexatriacontane (C36)

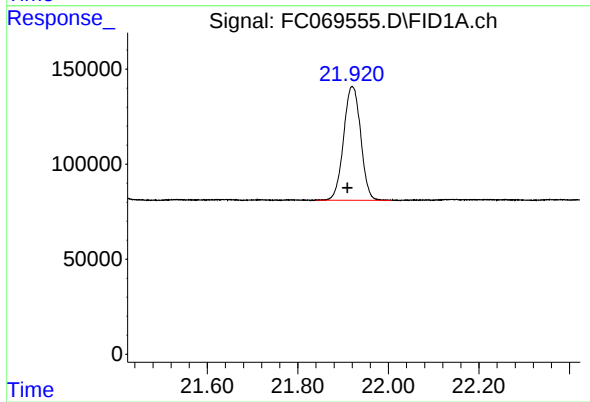
R.T.: 20.189 min
Delta R.T.: 0.007 min
Response: 1836295
Conc: 22.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.956 min
Delta R.T.: 0.010 min
Response: 1683959
Conc: 22.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: 0.011 min
Response: 1567540
Conc: 21.40 ug/ml