

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050924AL\
 Data File : FC066356.D
 Signal(s) : FID1A.ch
 Acq On : 09 May 2024 13:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 10 06:04:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.561	3052973	18.465 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
12) S 1-chlorooctadecane (S...	13.001	2286491	18.641 ug/ml
Spiked Amount 50.000		Recovery =	37.28%
Target Compounds			
1) T n-Nonane (C9)	3.321	2633895	17.440 ug/ml
2) T n-Decane (C10)	4.388	2703064	17.577 ug/ml
3) T A~Naphthalene (C11.7)	5.970	2988913	17.593 ug/ml
4) T n-Dodecane (C12)	6.407	2728213	17.752 ug/ml
5) T A~2-methylnaphthalene...	7.026	2917812	17.704 ug/ml
6) T n-Tetradecane (C14)	8.203	2712659	17.924 ug/ml
7) T n-Hexadecane (C16)	9.804	2796013	18.286 ug/ml
8) T n-Octadecane (C18)	11.248	2824256	18.606 ug/ml
10) T n-Eicosane (C20)	12.557	2706067	18.811 ug/ml
11) T n-Heneicosane (C21)	13.169	2652310	18.869 ug/ml
13) T n-Docosane (C22)	13.756	2652070	18.942 ug/ml
14) T n-Tetracosane (C24)	14.859	2634463	18.713 ug/ml
15) T n-Hexacosane (C26)	15.880	2572356	18.806 ug/ml
16) T n-Octacosane (C28)	16.830	2536084	18.937 ug/ml
17) T n-Tricontane (C30)	17.719	2616474	19.415 ug/ml
18) T n-Dotriacontane (C32)	18.551	2573355	19.986 ug/ml
19) T n-Tetratriacontane (C34)	19.336	2426103	20.505 ug/ml
20) T n-Hexatriacontane (C36)	20.075	2271453	19.761 ug/ml
21) T n-Octatriacontane (C38)	20.811	2199244	20.432 ug/ml
22) T n-Tetracontane (C40)	21.721	2115003	19.723 ug/ml

(f)=RT Delta > 1/2 Window

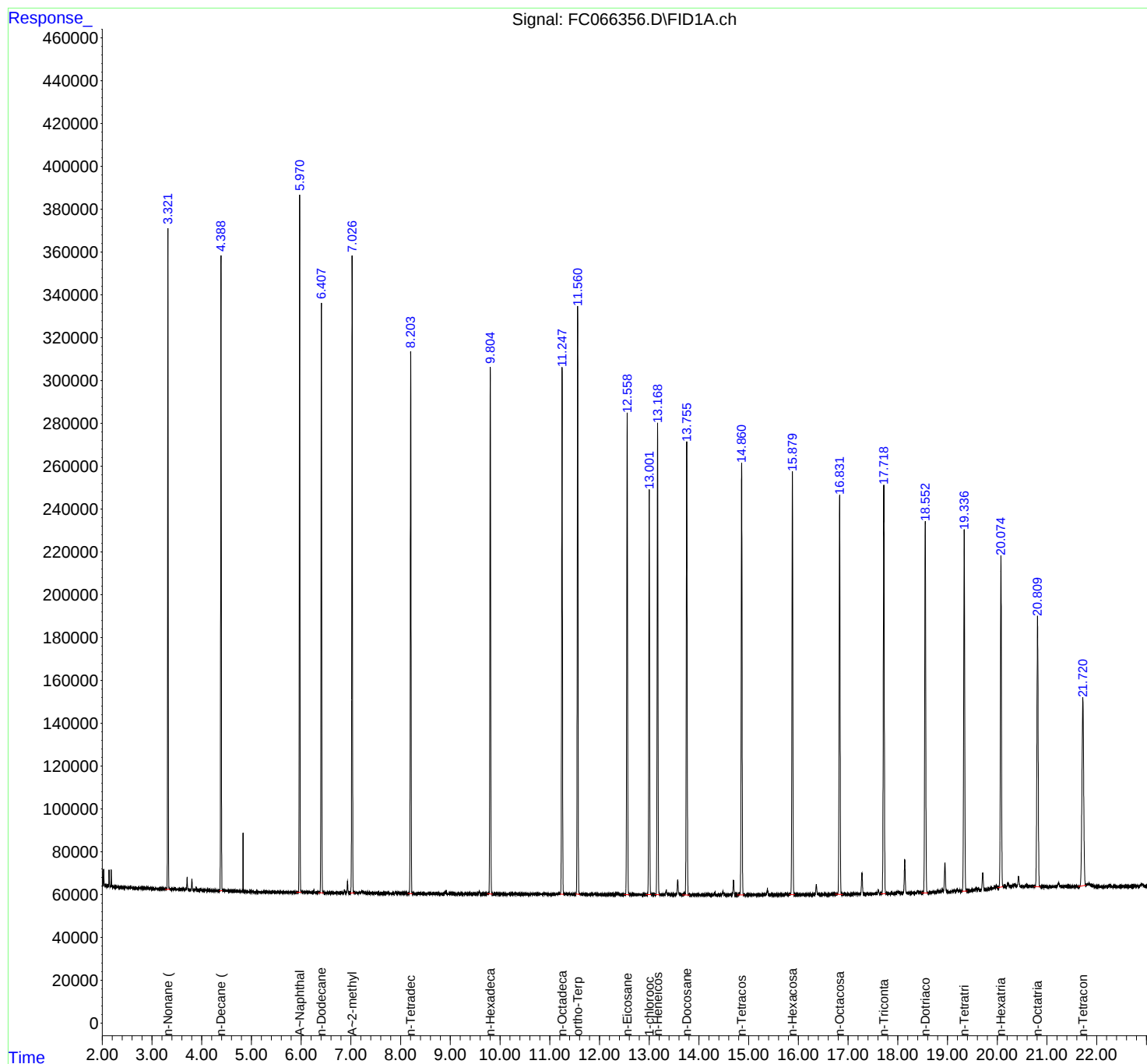
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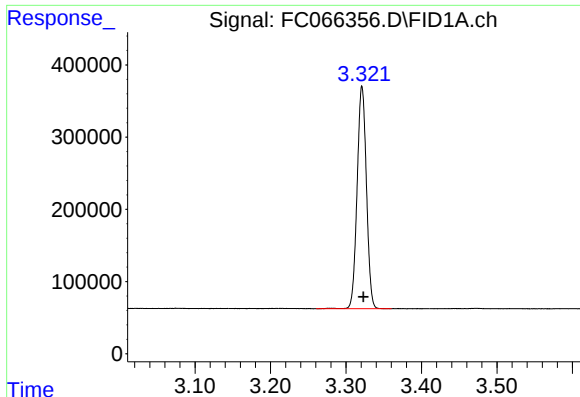
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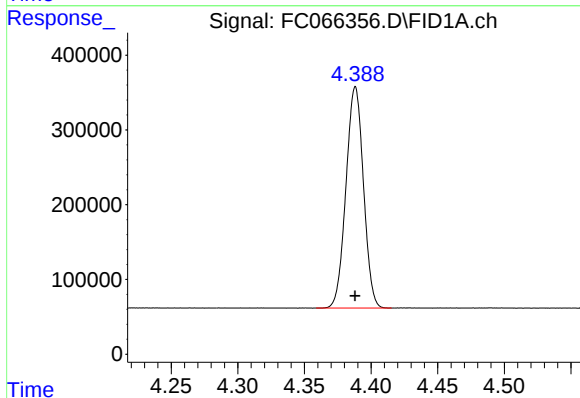




#1 n-Nonane (C9)

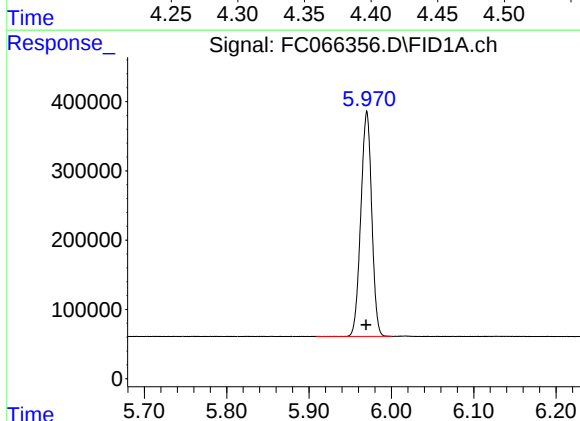
R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 2633895
Conc: 17.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



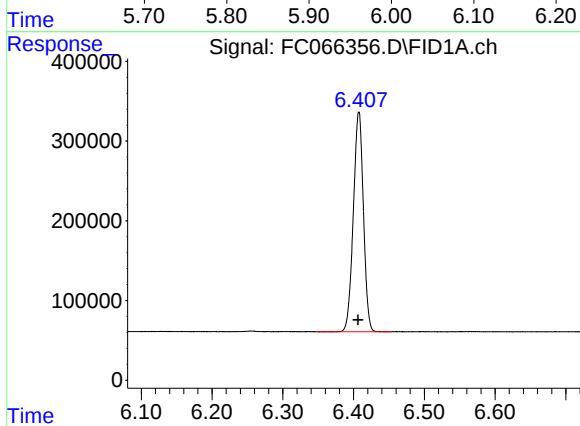
#2 n-Decane (C10)

R.T.: 4.388 min
Delta R.T.: 0.000 min
Response: 2703064
Conc: 17.58 ug/ml



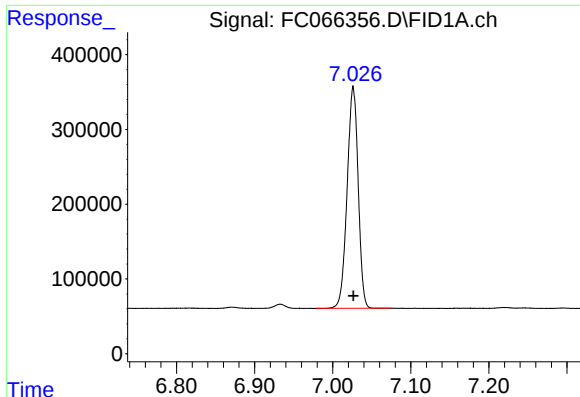
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 2988913
Conc: 17.59 ug/ml



#4 n-Dodecane (C12)

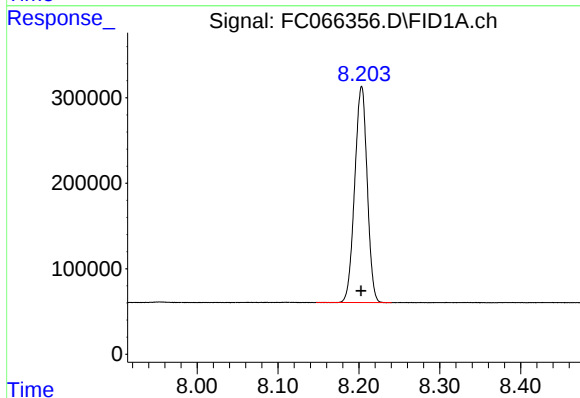
R.T.: 6.407 min
Delta R.T.: 0.001 min
Response: 2728213
Conc: 17.75 ug/ml



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

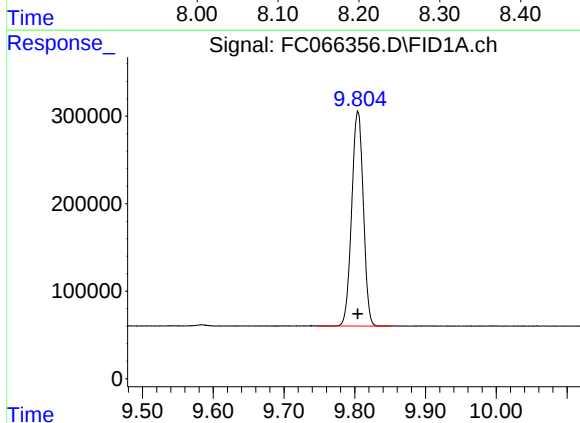
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 2917812
Conc: 17.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



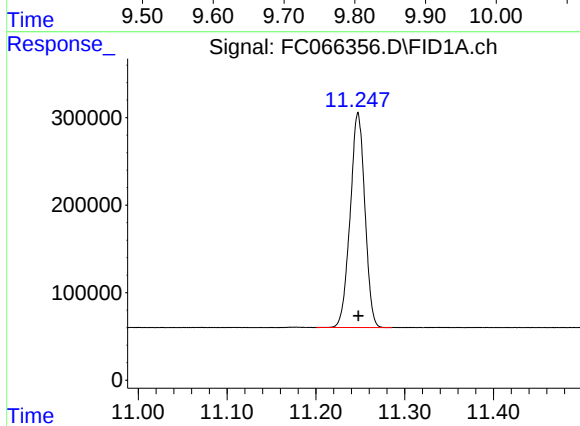
#6 n-Tetradecane (C14)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 2712659
Conc: 17.92 ug/ml



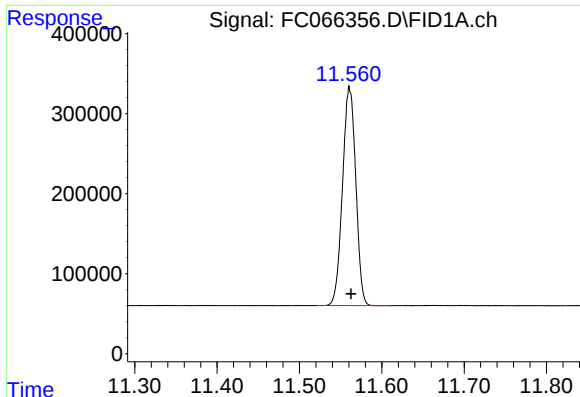
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: 0.000 min
Response: 2796013
Conc: 18.29 ug/ml



#8 n-Octadecane (C18)

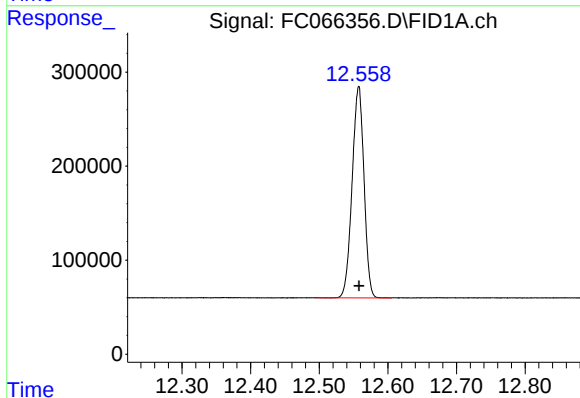
R.T.: 11.248 min
Delta R.T.: 0.000 min
Response: 2824256
Conc: 18.61 ug/ml



#9 ortho-Terphenyl (SURR)

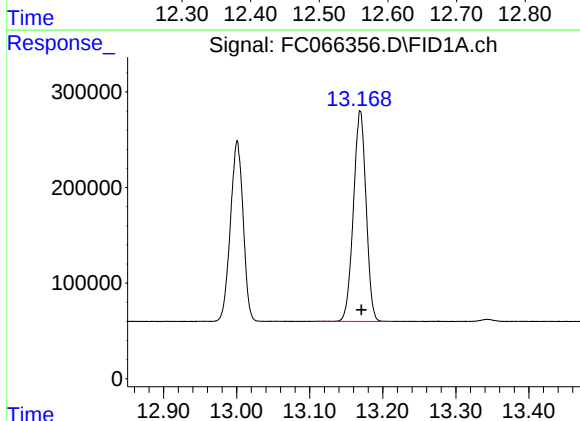
R.T.: 11.561 min
Delta R.T.: -0.002 min
Response: 3052973
Conc: 18.47 ug/ml

Instrument :
FID_C
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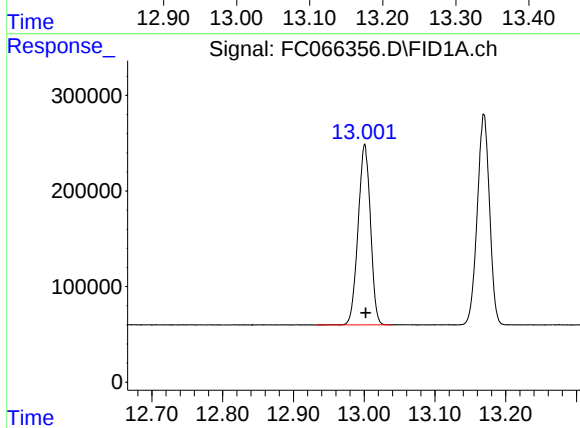
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: 0.000 min
Response: 2706067
Conc: 18.81 ug/ml



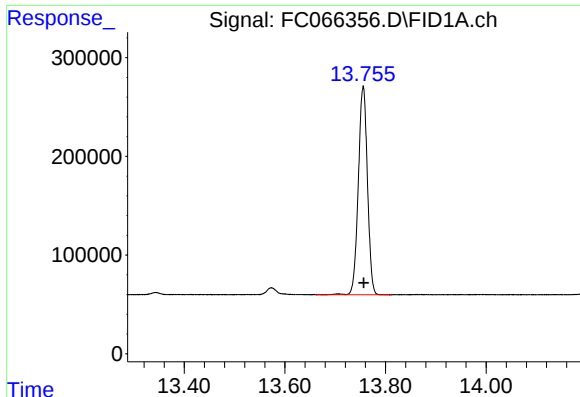
#11 n-Heneicosane (C21)

R.T.: 13.169 min
Delta R.T.: -0.001 min
Response: 2652310
Conc: 18.87 ug/ml



#12 1-chlorooctadecane (SURR)

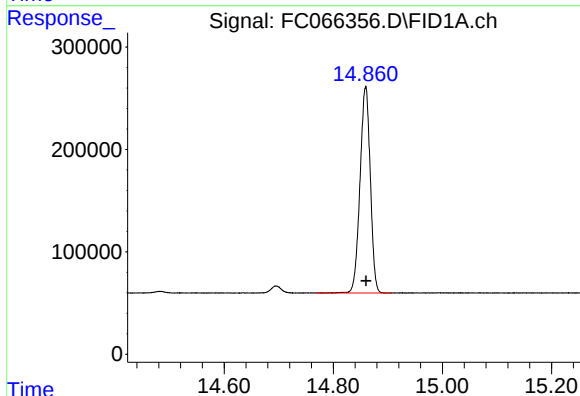
R.T.: 13.001 min
Delta R.T.: -0.001 min
Response: 2286491
Conc: 18.64 ug/ml



#13 n-Docosane (C22)

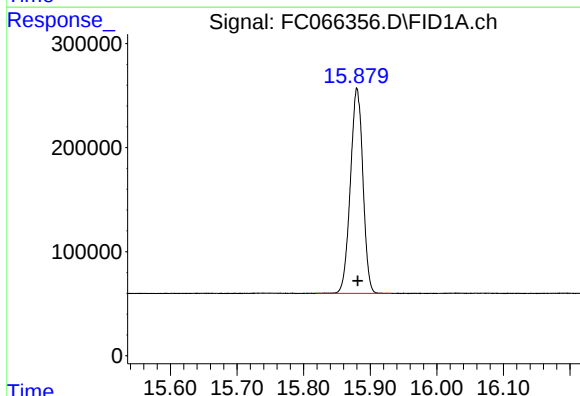
R.T.: 13.756 min
Delta R.T.: -0.001 min
Response: 2652070
Conc: 18.94 ug/ml

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20 PPM ALIPHATIC HC STD



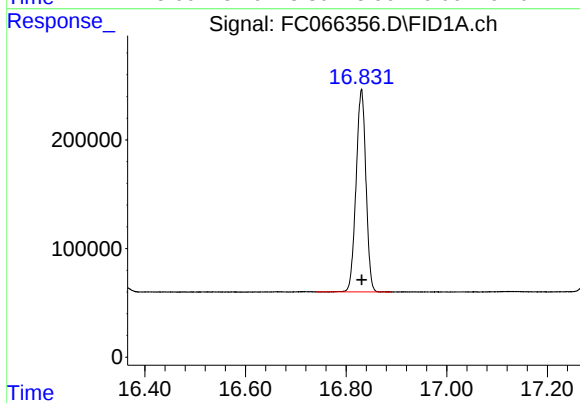
#14 n-Tetracosane (C24)

R.T.: 14.859 min
Delta R.T.: -0.001 min
Response: 2634463
Conc: 18.71 ug/ml



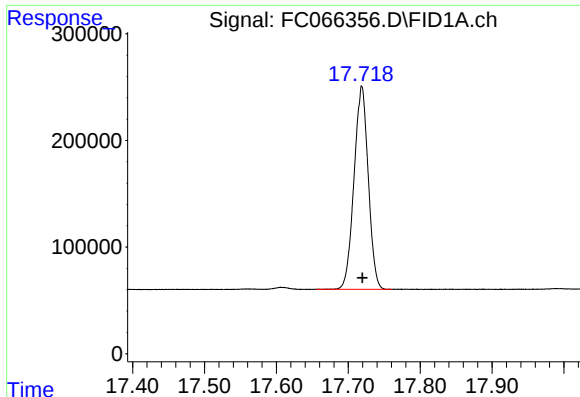
#15 n-Hexacosane (C26)

R.T.: 15.880 min
Delta R.T.: 0.000 min
Response: 2572356
Conc: 18.81 ug/ml



#16 n-Octacosane (C28)

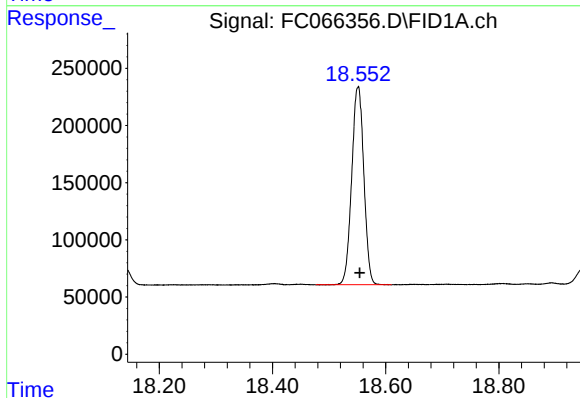
R.T.: 16.830 min
Delta R.T.: 0.000 min
Response: 2536084
Conc: 18.94 ug/ml



#17 n-Tricontane (C30)

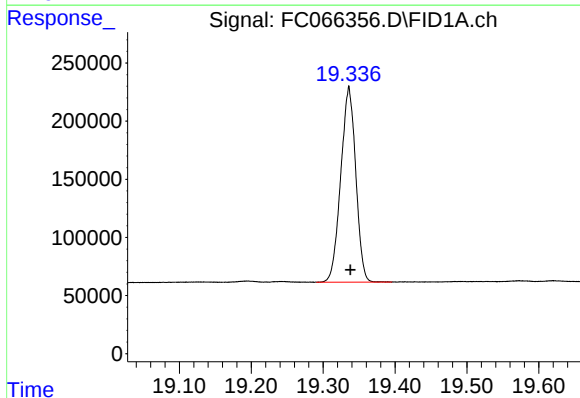
R.T.: 17.719 min
Delta R.T.: 0.000 min
Response: 2616474
Conc: 19.42 ug/ml

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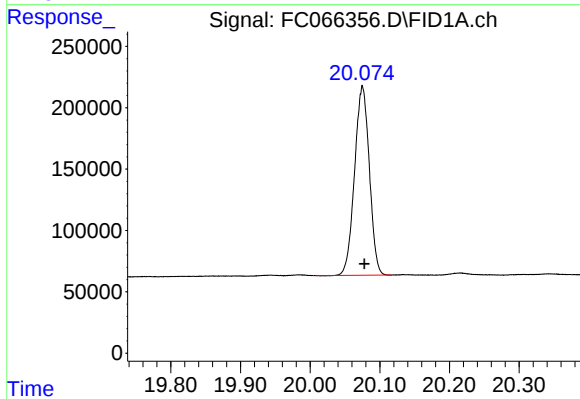
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: -0.003 min
Response: 2573355
Conc: 19.99 ug/ml



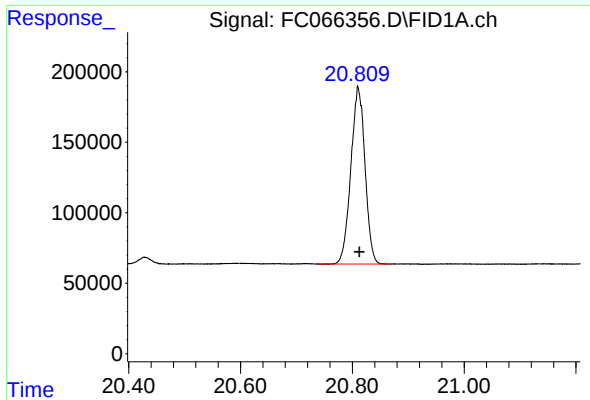
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: -0.002 min
Response: 2426103
Conc: 20.51 ug/ml



#20 n-Hexatriacontane (C36)

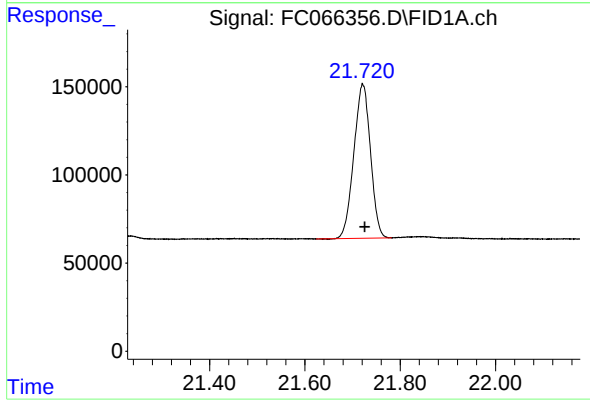
R.T.: 20.075 min
Delta R.T.: -0.003 min
Response: 2271453
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: -0.002 min
Response: 2199244
Conc: 20.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.721 min
Delta R.T.: -0.004 min
Response: 2115003
Conc: 19.72 ug/ml