

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090823AL\
 Data File : FC064529.D
 Signal(s) : FID1A.ch
 Acq On : 08 Sep 2023 23:22
 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: Sep 09 03:05:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 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)	11.508	4131269	19.459 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
12) S 1-chlorooctadecane (S...	12.942	3006184	19.716 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.302	3517040	19.927 ug/ml
2) T n-Decane (C10)	4.363	3590342	20.467 ug/ml
3) T A~Naphthalene (C11.7)	5.941	3787564	20.368 ug/ml
4) T n-Dodecane (C12)	6.374	3616903	20.292 ug/ml
5) T A~2-methylnaphthalene...	6.995	3682367	20.700 ug/ml
6) T n-Tetradecane (C14)	8.163	3552259	20.362 ug/ml
7) T n-Hexadecane (C16)	9.758	3538731	20.477 ug/ml
8) T n-Octadecane (C18)	11.195	3519434	20.102 ug/ml
10) T n-Eicosane (C20)	12.500	3352876	19.821 ug/ml
11) T n-Heneicosane (C21)	13.110	3275175	19.623 ug/ml
13) T n-Docosane (C22)	13.693	3219145	19.736 ug/ml
14) T n-Tetracosane (C24)	14.792	3121337	19.600 ug/ml
15) T n-Hexacosane (C26)	15.809	3006788	19.462 ug/ml
16) T n-Octacosane (C28)	16.755	2937046	19.838 ug/ml
17) T n-Tricontane (C30)	17.639	3006302	20.581 ug/ml
18) T n-Dotriacontane (C32)	18.470	3000898	21.244 ug/ml
19) T n-Tetratriacontane (C34)	19.250	2891260	21.639 ug/ml
20) T n-Hexatriacontane (C36)	19.988	2815612	22.004 ug/ml
21) T n-Octatriacontane (C38)	20.706	2758719	22.466 ug/ml
22) T n-Tetracontane (C40)	21.585	2729042	23.499 ug/ml

(f)=RT Delta > 1/2 Window

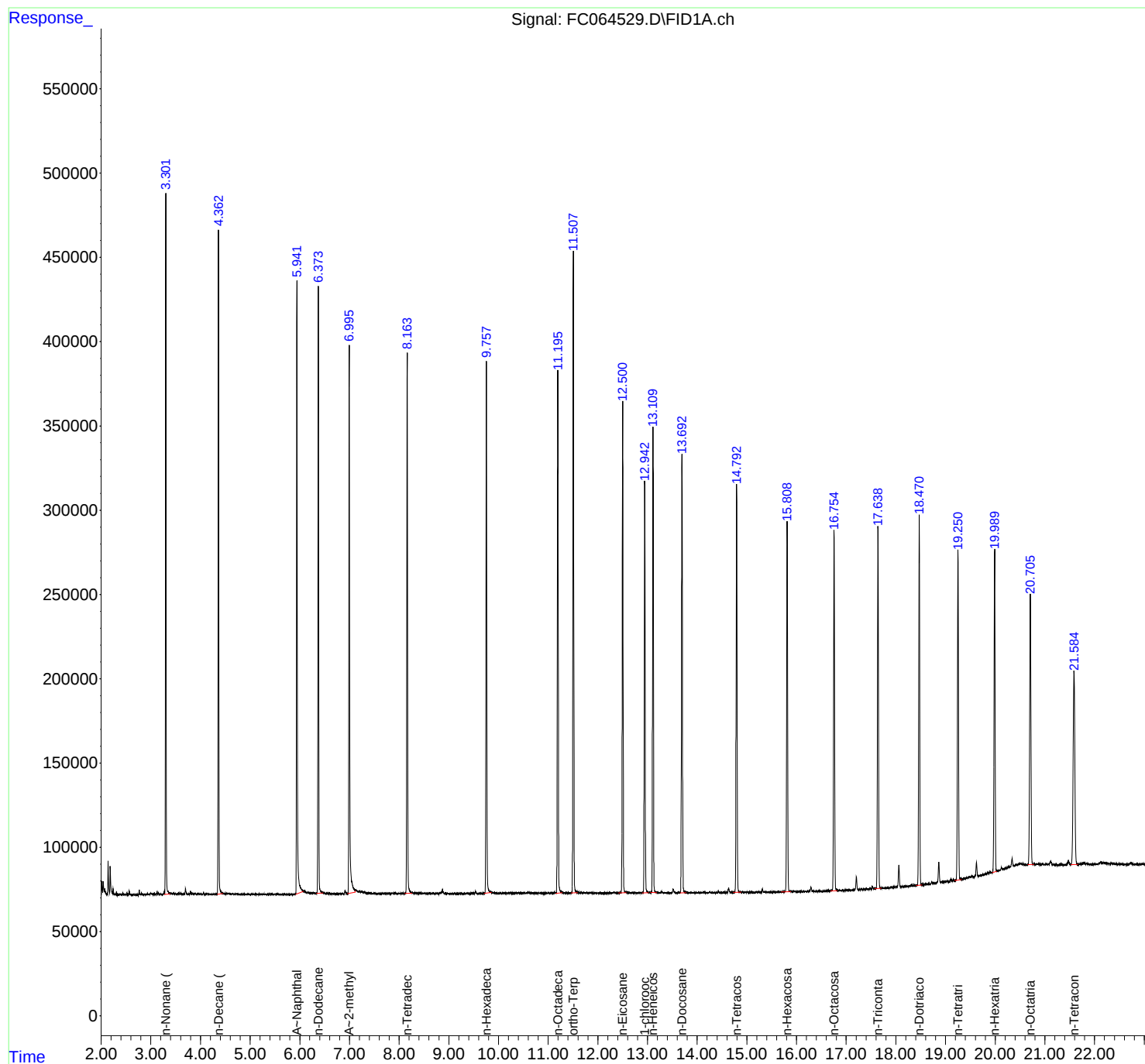
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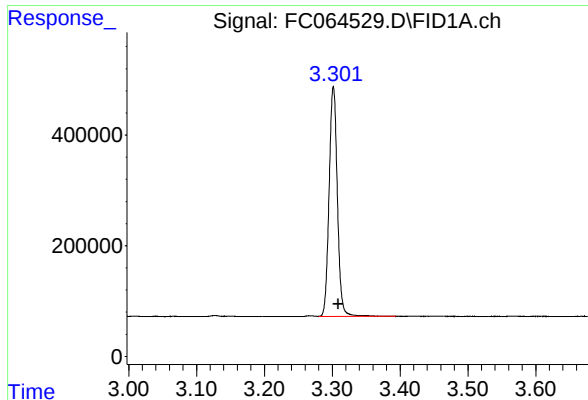
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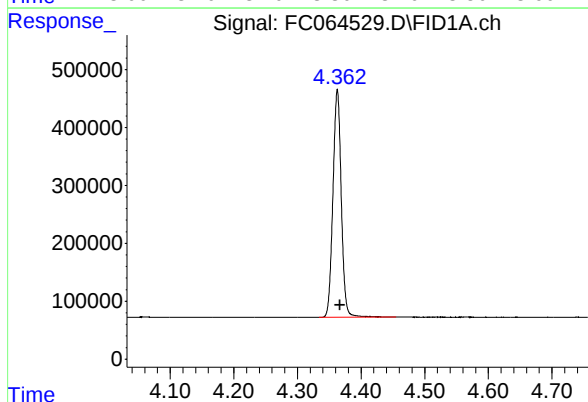




#1 n-Nonane (C9)

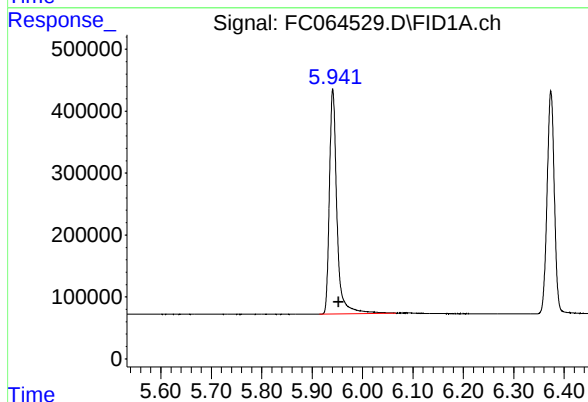
R.T.: 3.302 min
Delta R.T.: -0.007 min
Response: 3517040
Conc: 19.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



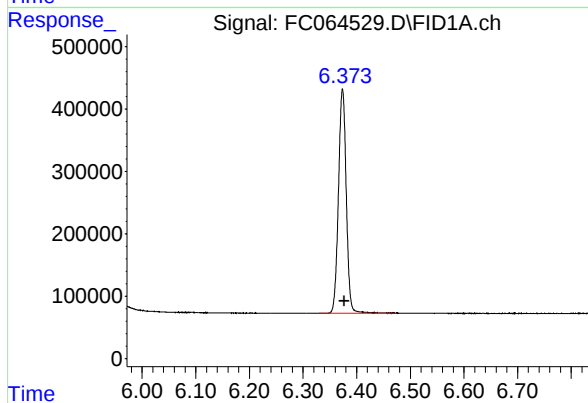
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 3590342
Conc: 20.47 ug/ml



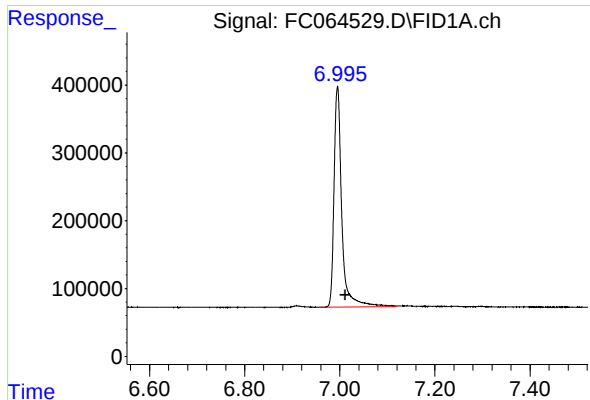
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.012 min
Response: 3787564
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

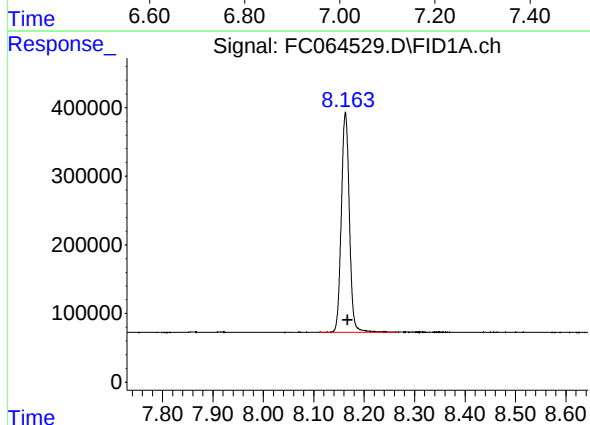
R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 3616903
Conc: 20.29 ug/ml



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

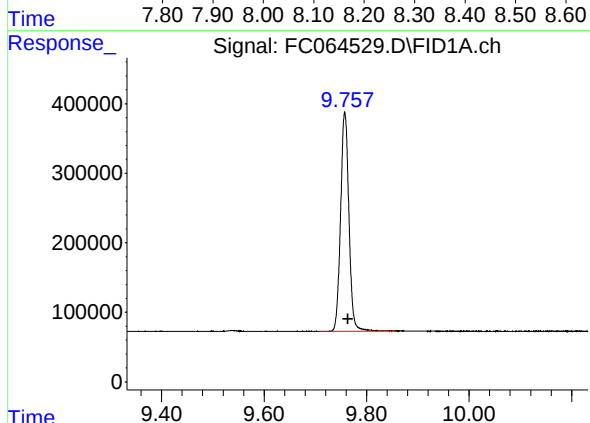
R.T.: 6.995 min
Delta R.T.: -0.017 min
Response: 3682367
Conc: 20.70 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



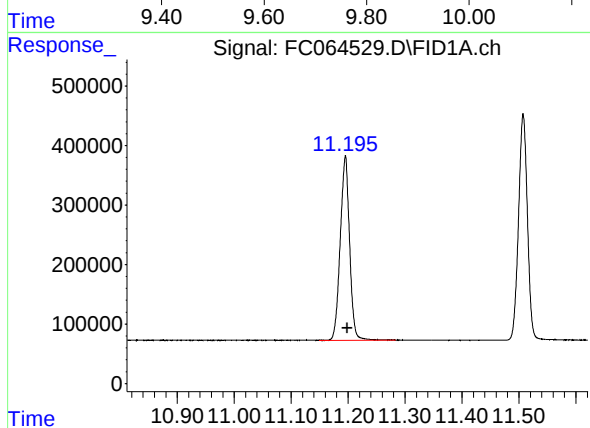
#6 n-Tetradecane (C14)

R.T.: 8.163 min
Delta R.T.: -0.004 min
Response: 3552259
Conc: 20.36 ug/ml



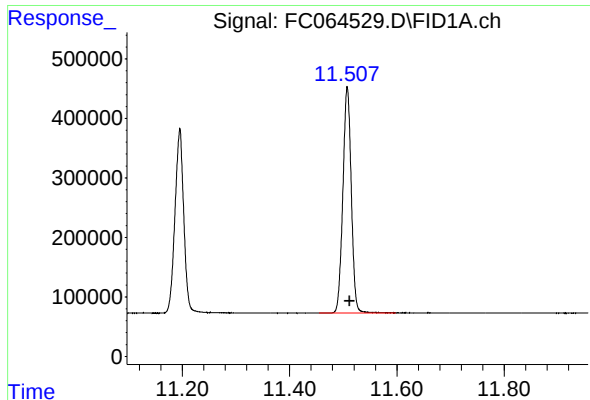
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: -0.006 min
Response: 3538731
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

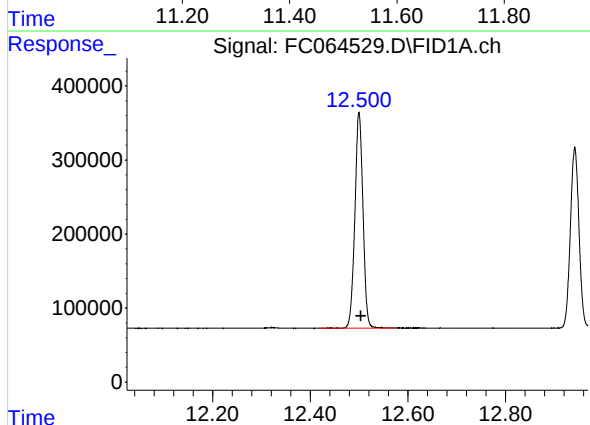
R.T.: 11.195 min
Delta R.T.: -0.003 min
Response: 3519434
Conc: 20.10 ug/ml



#9 ortho-Terphenyl (SURR)

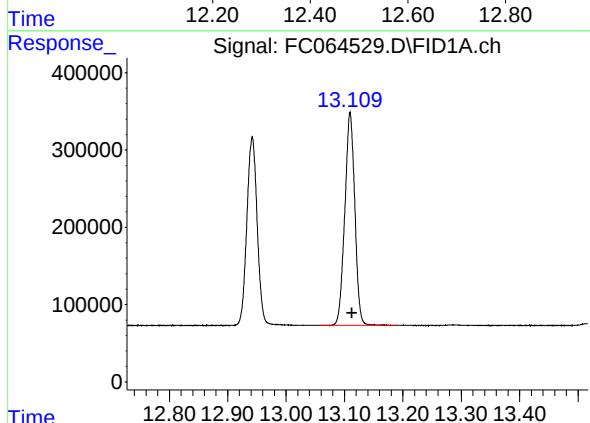
R.T.: 11.508 min
Delta R.T.: -0.005 min
Response: 4131269
Conc: 19.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



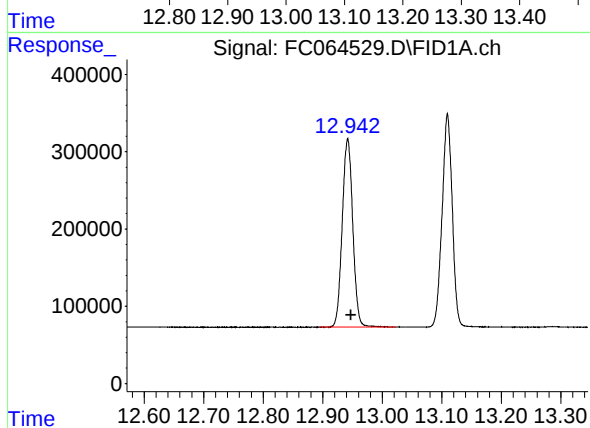
#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.004 min
Response: 3352876
Conc: 19.82 ug/ml



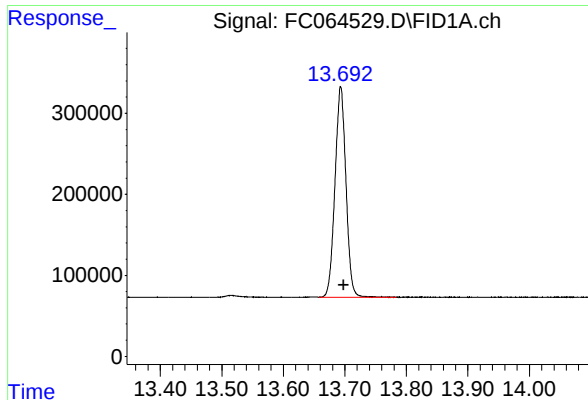
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: -0.003 min
Response: 3275175
Conc: 19.62 ug/ml



#12 1-chlorooctadecane (SURR)

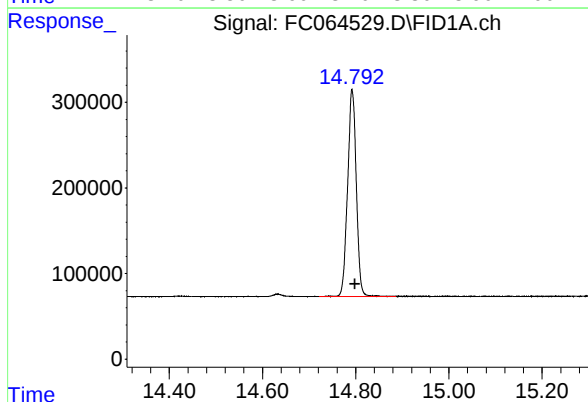
R.T.: 12.942 min
Delta R.T.: -0.005 min
Response: 3006184
Conc: 19.72 ug/ml



#13 n-Docosane (C22)

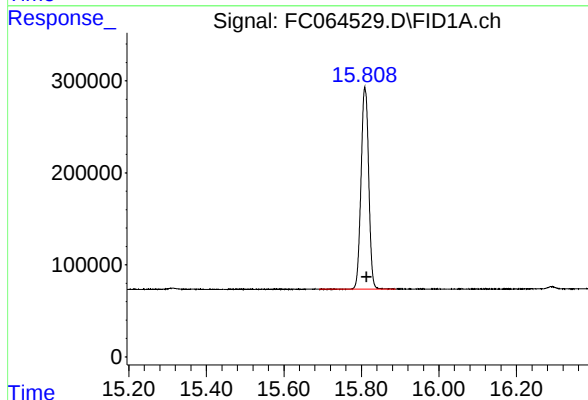
R.T.: 13.693 min
Delta R.T.: -0.005 min
Response: 3219145
Conc: 19.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



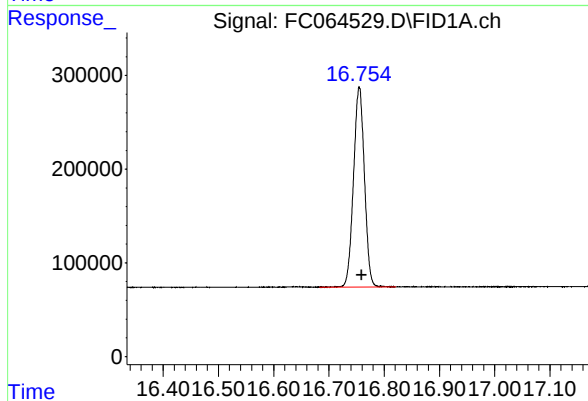
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: -0.006 min
Response: 3121337
Conc: 19.60 ug/ml



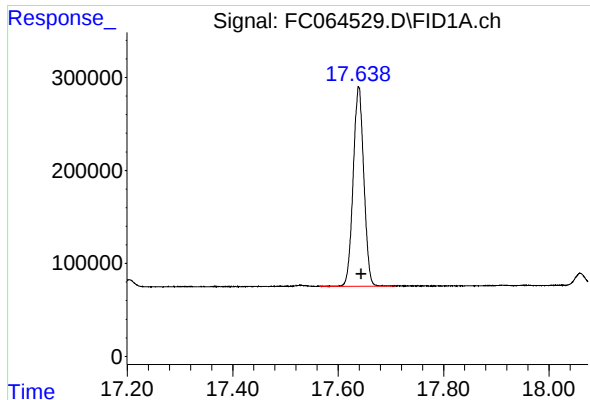
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.005 min
Response: 3006788
Conc: 19.46 ug/ml



#16 n-Octacosane (C28)

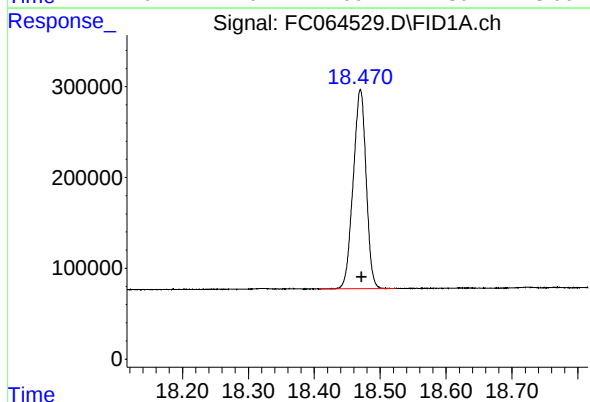
R.T.: 16.755 min
Delta R.T.: -0.004 min
Response: 2937046
Conc: 19.84 ug/ml



#17 n-Tricontane (C30)

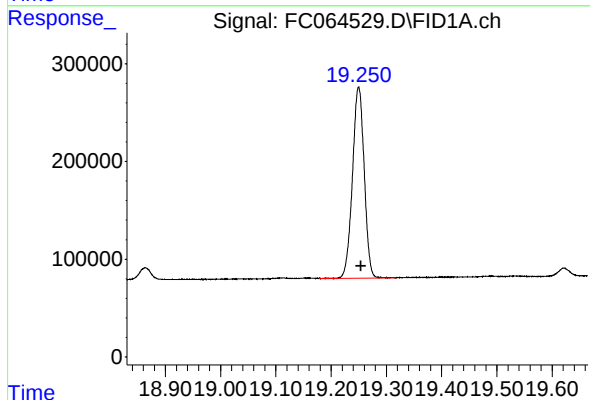
R.T.: 17.639 min
Delta R.T.: -0.005 min
Response: 3006302
Conc: 20.58 ug/ml

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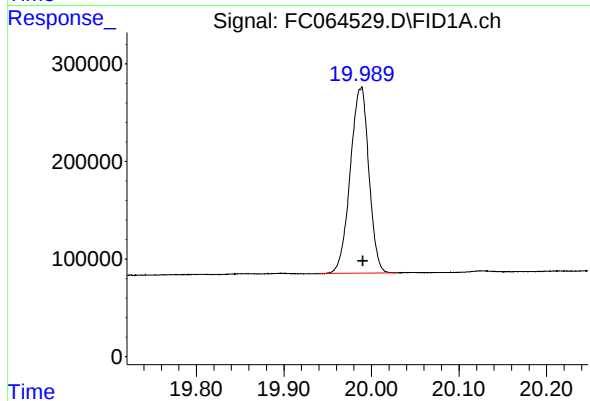
#18 n-Dotriacontane (C32)

R.T.: 18.470 min
Delta R.T.: -0.002 min
Response: 3000898
Conc: 21.24 ug/ml



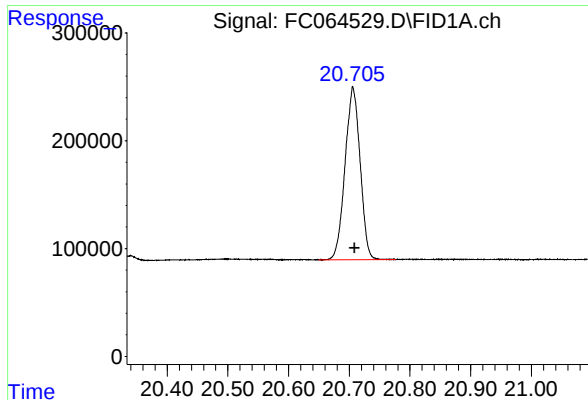
#19 n-Tetatriacontane (C34)

R.T.: 19.250 min
Delta R.T.: -0.004 min
Response: 2891260
Conc: 21.64 ug/ml



#20 n-Hexatriacontane (C36)

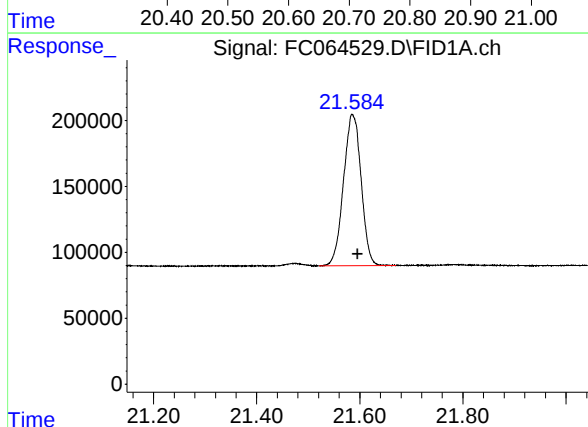
R.T.: 19.988 min
Delta R.T.: -0.002 min
Response: 2815612
Conc: 22.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.706 min
Delta R.T.: -0.003 min
Response: 2758719
Conc: 22.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: -0.011 min
Response: 2729042
Conc: 23.50 ug/ml