

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102823AL\
 Data File : FC064942.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2023 20:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 28 02:14:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.522	4413788	20.055 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	12.953	3183937	20.141 ug/ml
Spiked Amount 50.000		Recovery =	40.28%
Target Compounds			
1) T n-Nonane (C9)	3.322	3879407	20.519 ug/ml
2) T n-Decane (C10)	4.383	3885048	20.432 ug/ml
3) T A~Naphthalene (C11.7)	5.962	3999867	20.717 ug/ml
4) T n-Dodecane (C12)	6.392	3921421	20.300 ug/ml
5) T A~2-methylnaphthalene...	7.015	3800532	20.682 ug/ml
6) T n-Tetradecane (C14)	8.178	3832084	20.309 ug/ml
7) T n-Hexadecane (C16)	9.772	3827674	20.250 ug/ml
8) T n-Octadecane (C18)	11.208	3802952	20.150 ug/ml
10) T n-Eicosane (C20)	12.511	3622216	20.148 ug/ml
11) T n-Heneicosane (C21)	13.119	3527182	20.090 ug/ml
13) T n-Docosane (C22)	13.703	3444973	20.056 ug/ml
14) T n-Tetracosane (C24)	14.801	3323823	19.956 ug/ml
15) T n-Hexacosane (C26)	15.818	3193388	19.895 ug/ml
16) T n-Octacosane (C28)	16.764	3088325	19.734 ug/ml
17) T n-Tricontane (C30)	17.647	3102583	19.588 ug/ml
18) T n-Dotriacontane (C32)	18.477	3080462	19.510 ug/ml
19) T n-Tetratriacontane (C34)	19.257	3003101	19.674 ug/ml
20) T n-Hexatriacontane (C36)	19.993	2982626	19.768 ug/ml
21) T n-Octatriacontane (C38)	20.714	2948044	19.810 ug/ml
22) T n-Tetracontane (C40)	21.599	2905481	19.755 ug/ml

(f)=RT Delta > 1/2 Window

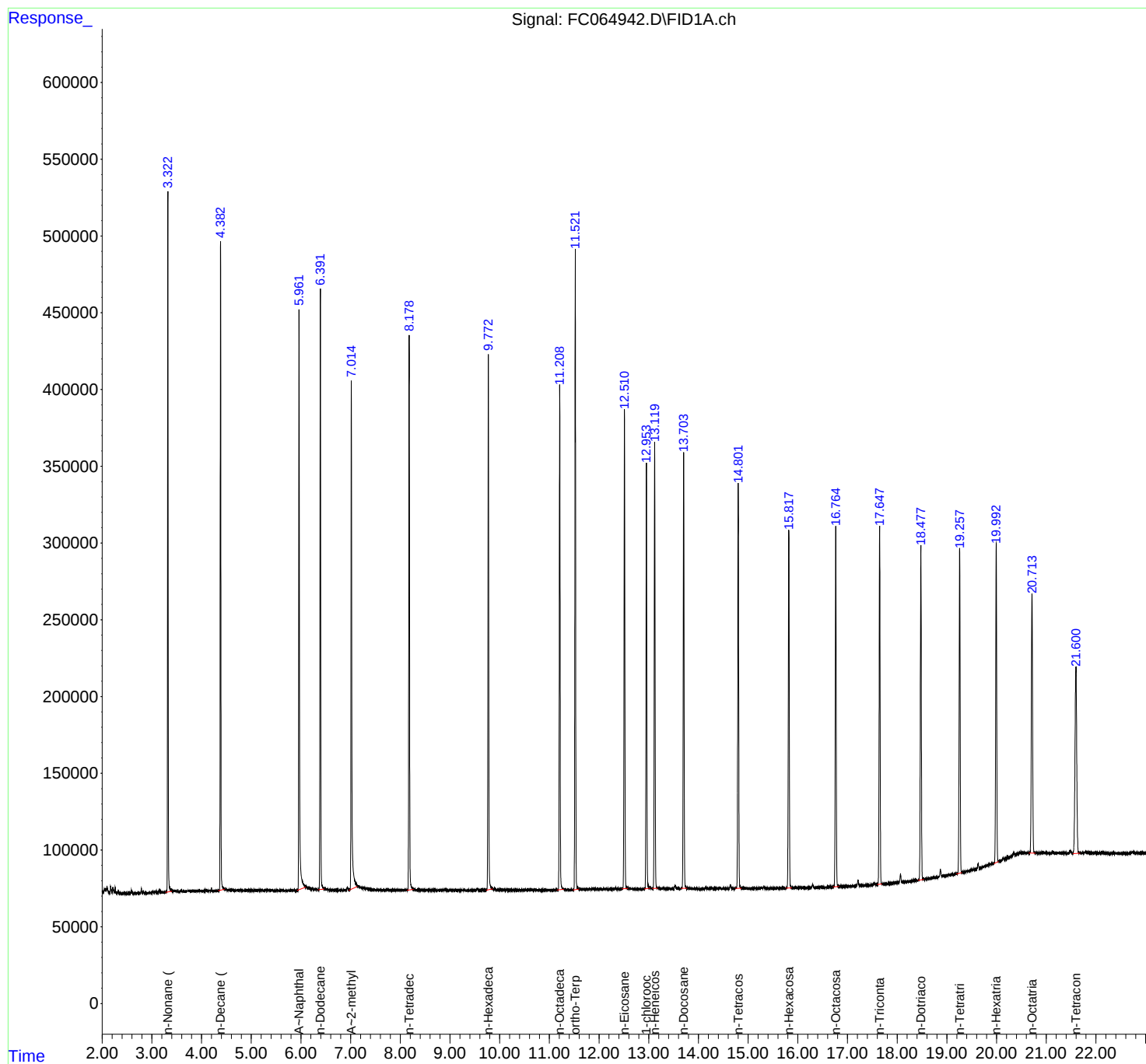
(m)=manual int.

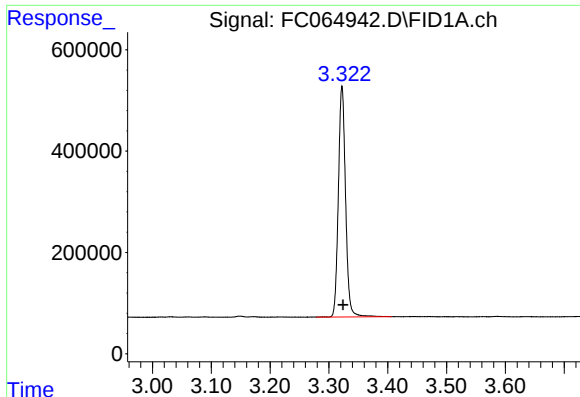
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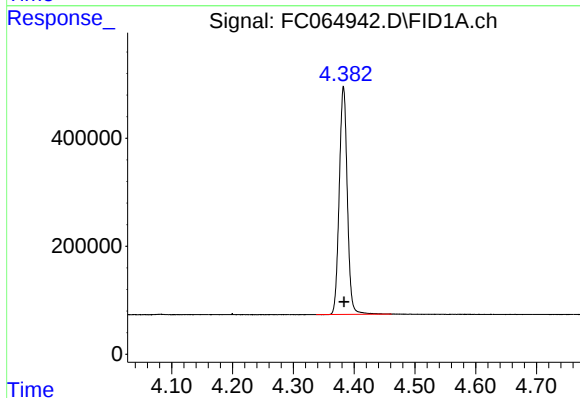




#1 n-Nonane (C9)

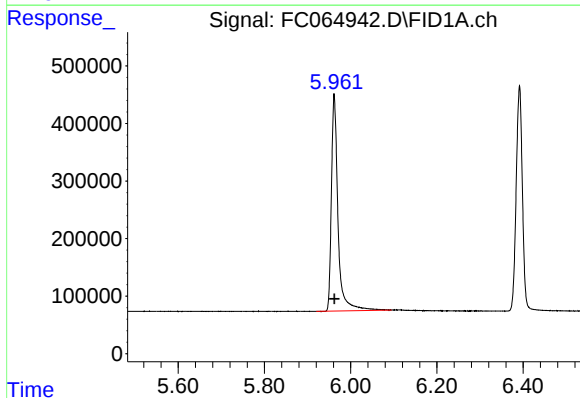
R.T.: 3.322 min
Delta R.T.: -0.002 min
Response: 3879407
Conc: 20.52 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



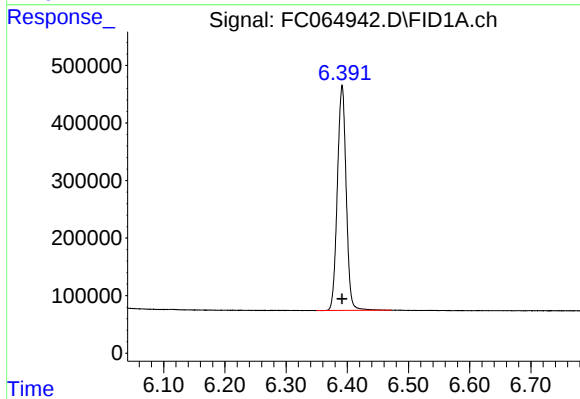
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 3885048
Conc: 20.43 ug/ml



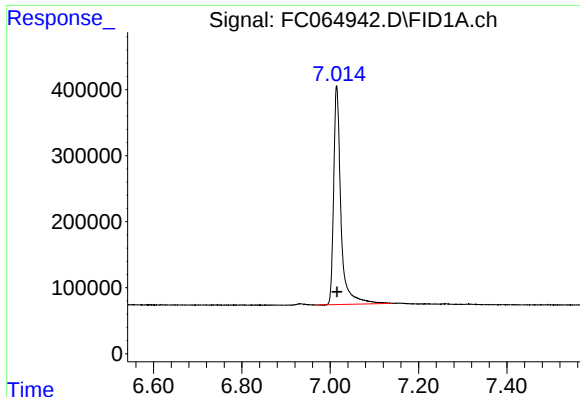
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 3999867
Conc: 20.72 ug/ml



#4 n-Dodecane (C12)

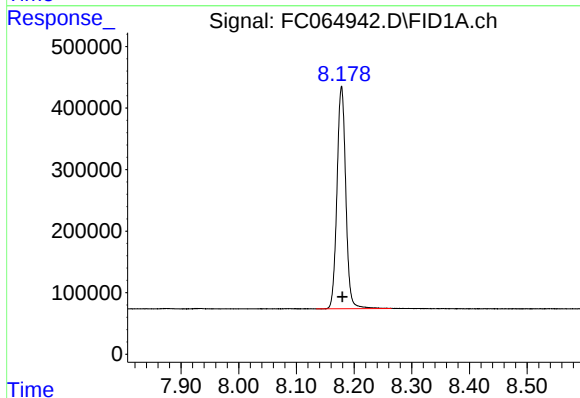
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 3921421
Conc: 20.30 ug/ml



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

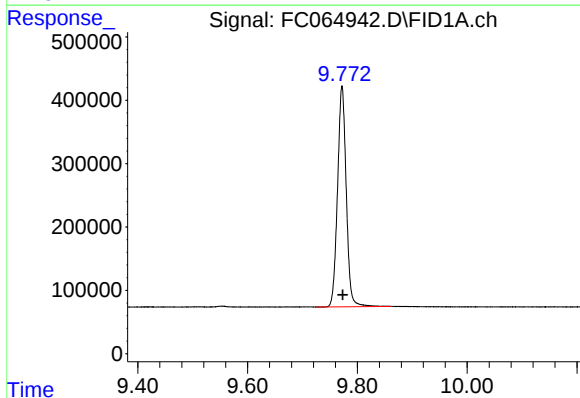
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 3800532
Conc: 20.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



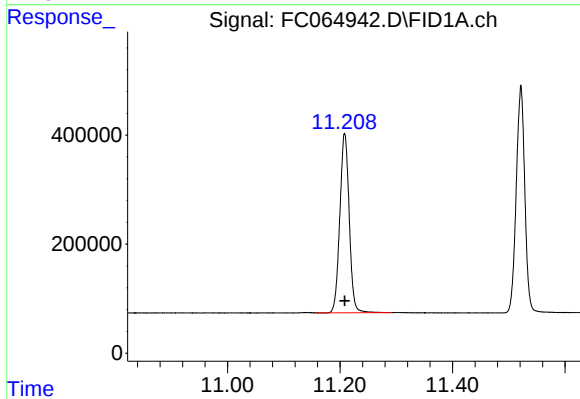
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: -0.001 min
Response: 3832084
Conc: 20.31 ug/ml



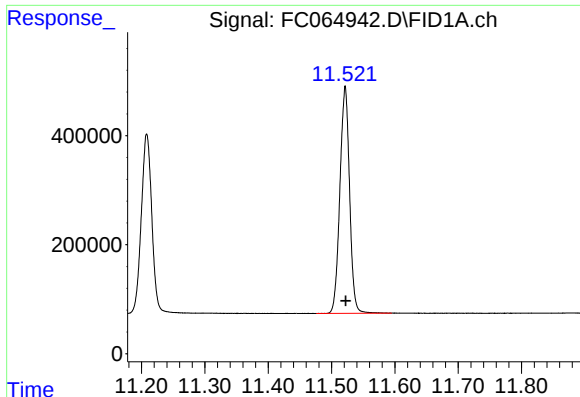
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.001 min
Response: 3827674
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 3802952
Conc: 20.15 ug/ml



#9 ortho-Terphenyl (SURR)

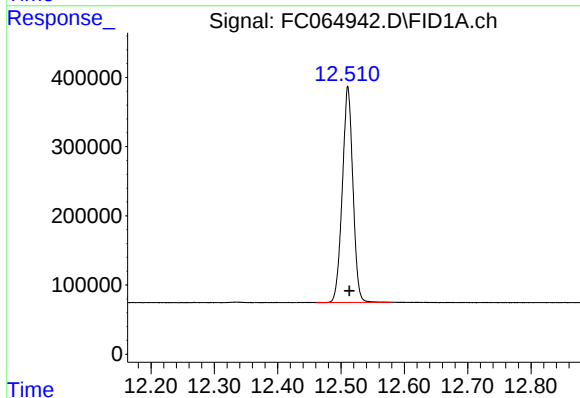
R.T.: 11.522 min
Delta R.T.: -0.001 min
Response: 4413788
Conc: 20.06 ug/ml

Instrument :

FID_C

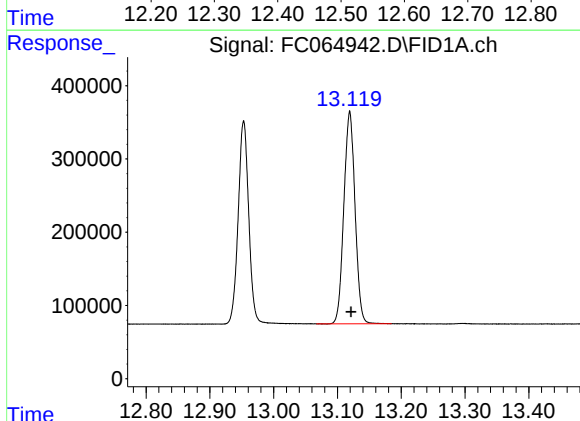
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



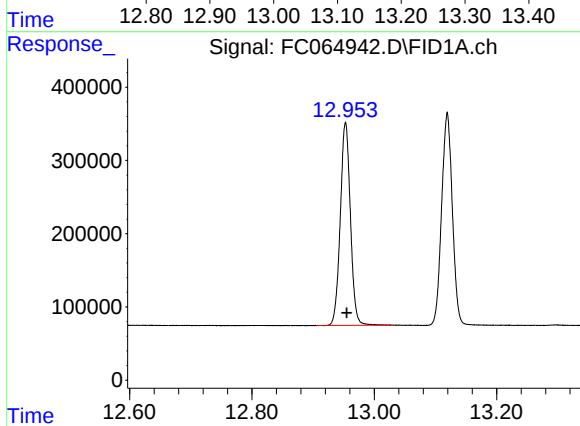
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: -0.003 min
Response: 3622216
Conc: 20.15 ug/ml



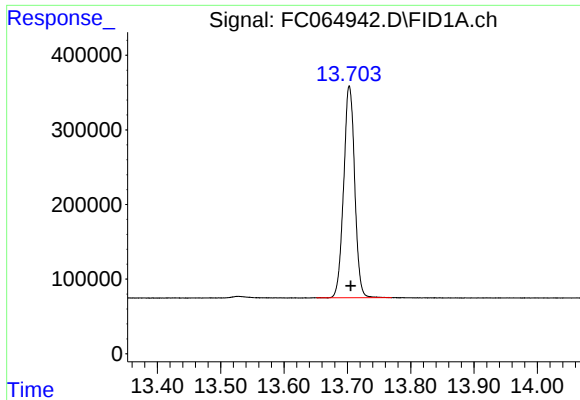
#11 n-Heneicosane (C21)

R.T.: 13.119 min
Delta R.T.: -0.002 min
Response: 3527182
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

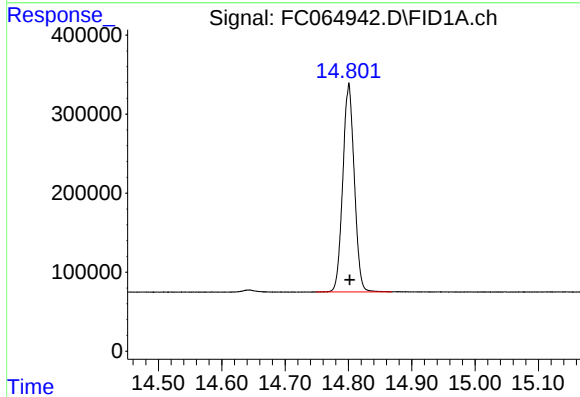
R.T.: 12.953 min
Delta R.T.: -0.002 min
Response: 3183937
Conc: 20.14 ug/ml



#13 n-Docosane (C22)

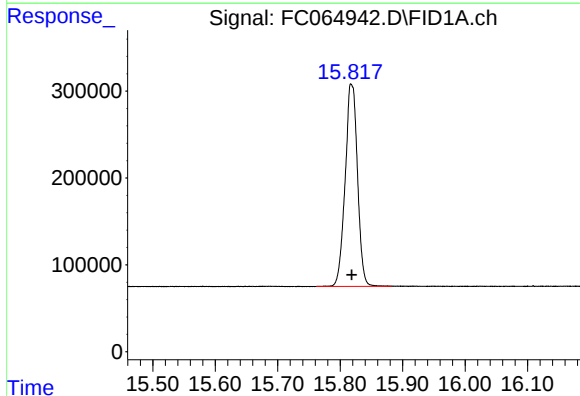
R.T.: 13.703 min
Delta R.T.: -0.002 min
Response: 3444973
Conc: 20.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



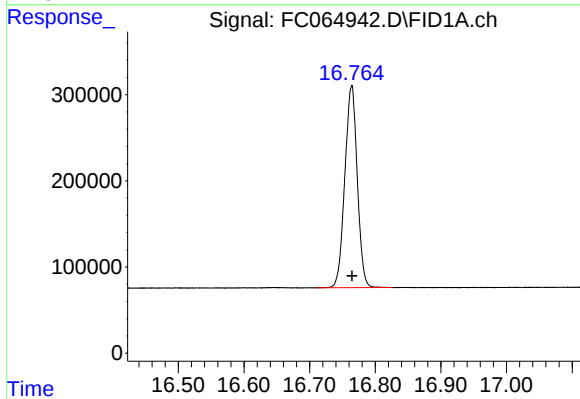
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 3323823
Conc: 19.96 ug/ml



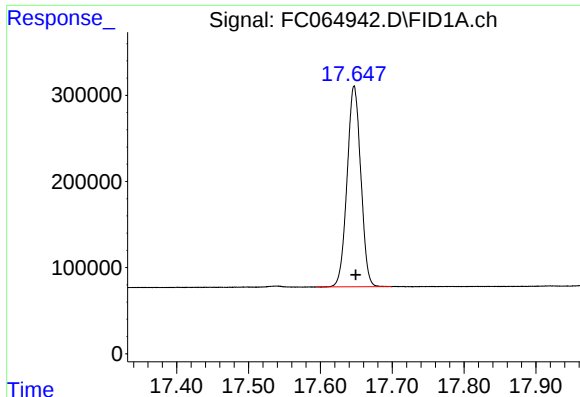
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.000 min
Response: 3193388
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

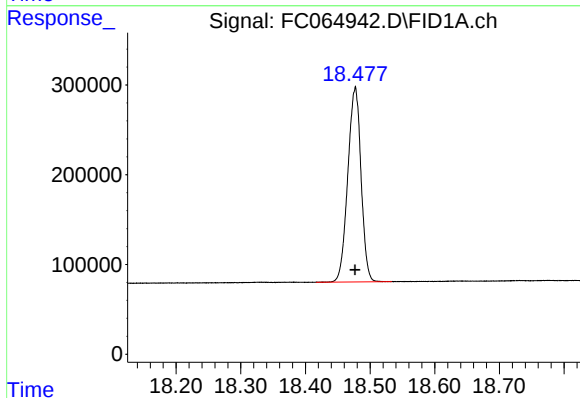
R.T.: 16.764 min
Delta R.T.: 0.000 min
Response: 3088325
Conc: 19.73 ug/ml



#17 n-Tricontane (C30)

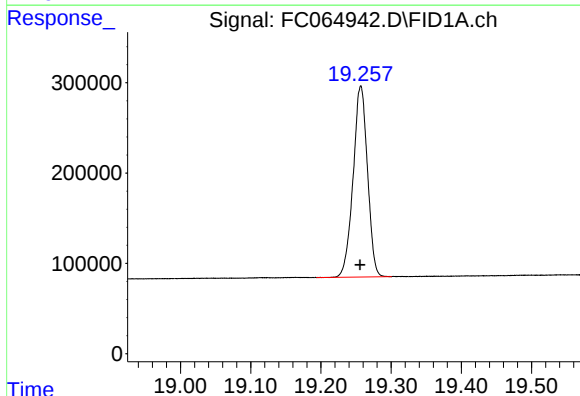
R.T.: 17.647 min
Delta R.T.: -0.002 min
Response: 3102583
Conc: 19.59 ug/ml

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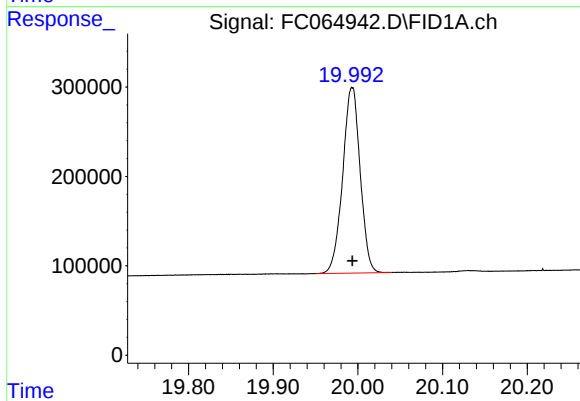
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 3080462
Conc: 19.51 ug/ml



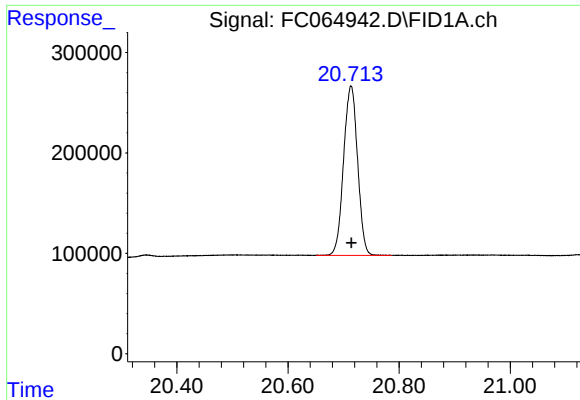
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: 0.001 min
Response: 3003101
Conc: 19.67 ug/ml



#20 n-Hexatriacontane (C36)

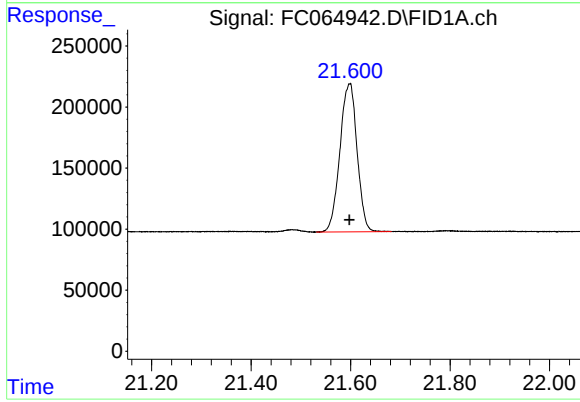
R.T.: 19.993 min
Delta R.T.: 0.000 min
Response: 2982626
Conc: 19.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.000 min
Response: 2948044
Conc: 19.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: 0.000 min
Response: 2905481
Conc: 19.75 ug/ml