

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011223AL\
 Data File : FC062627.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jan 2023 14:12
 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: Jan 13 02:32:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010523.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 04:54:00 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)	11.557	2451744	17.353 ug/ml
Spiked Amount 50.000		Recovery =	34.71%
12) S 1-chlorooctadecane (S...	12.996	1842720	17.493 ug/ml
Spiked Amount 50.000		Recovery =	34.99%
Target Compounds			
1) T n-Nonane (C9)	3.314	2294123	17.156 ug/ml
2) T n-Decane (C10)	4.381	2269779	17.501 ug/ml
3) T A~Naphthalene (C11.7)	5.967	2560876	17.427 ug/ml
4) T n-Dodecane (C12)	6.402	2242676	17.450 ug/ml
5) T A~2-methylnaphthalene...	7.025	2364281	17.293 ug/ml
6) T n-Tetradecane (C14)	8.198	2252912	17.501 ug/ml
7) T n-Hexadecane (C16)	9.801	2262565	17.520 ug/ml
8) T n-Octadecane (C18)	11.243	2268177	17.515 ug/ml
10) T n-Eicosane (C20)	12.552	2172190	17.601 ug/ml
11) T n-Heneicosane (C21)	13.164	2150527	17.546 ug/ml
13) T n-Docosane (C22)	13.750	2131509	17.829 ug/ml
14) T n-Tetracosane (C24)	14.851	2155090	18.505 ug/ml
15) T n-Hexacosane (C26)	15.870	2100046	18.693 ug/ml
16) T n-Octacosane (C28)	16.819	2140923	19.498 ug/ml
17) T n-Tricontane (C30)	17.704	2247687	20.755 ug/ml
18) T n-Dotriacontane (C32)	18.535	2321291	21.263 ug/ml
19) T n-Tetratriacontane (C34)	19.316	2236394	20.570 ug/ml
20) T n-Hexatriacontane (C36)	20.054	2061904	18.537 ug/ml
21) T n-Octatriacontane (C38)	20.787	2022996	19.102 ug/ml
22) T n-Tetracontane (C40)	21.692	1996664	18.749 ug/ml

(f)=RT Delta > 1/2 Window

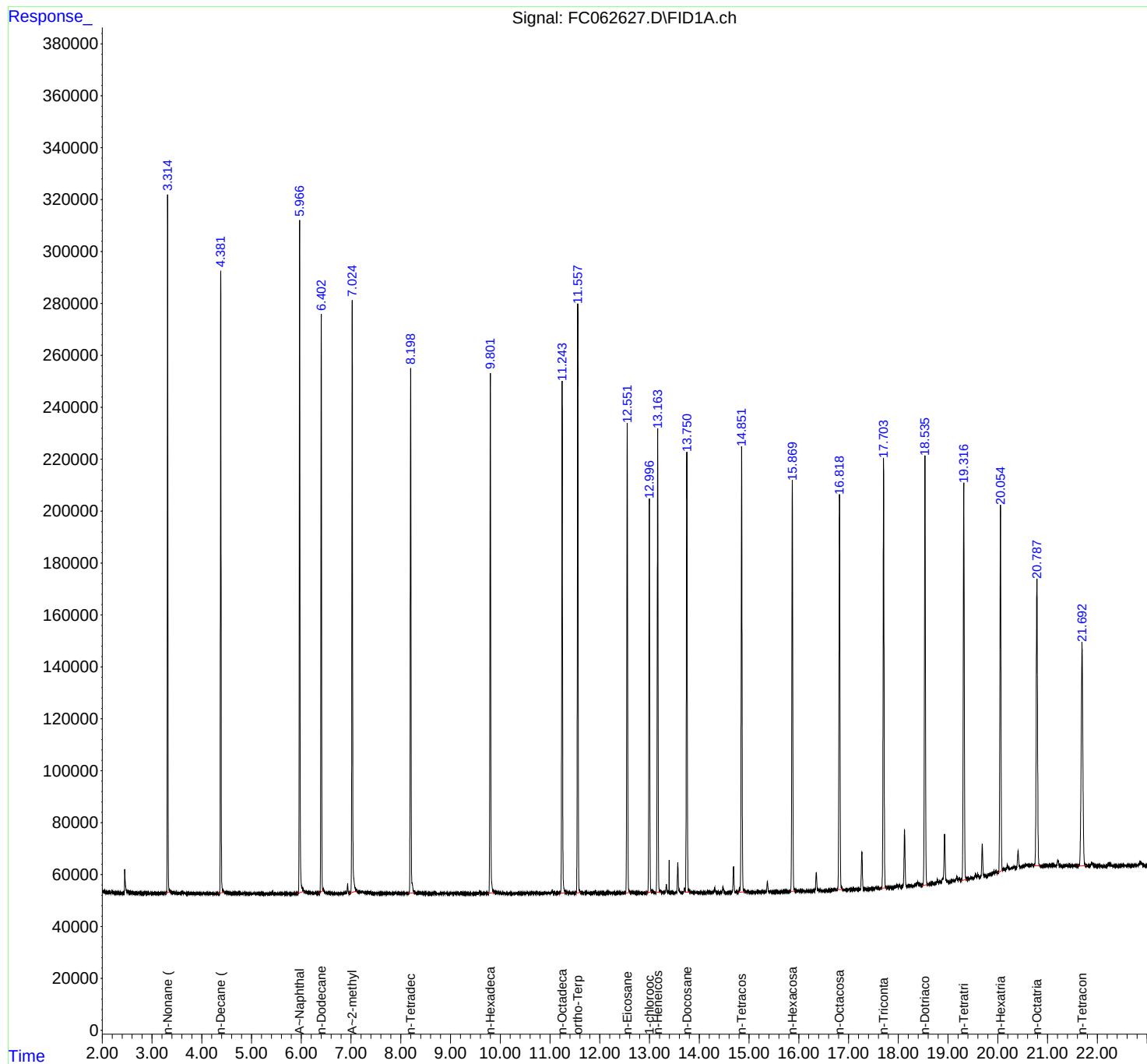
(m)=manual int.

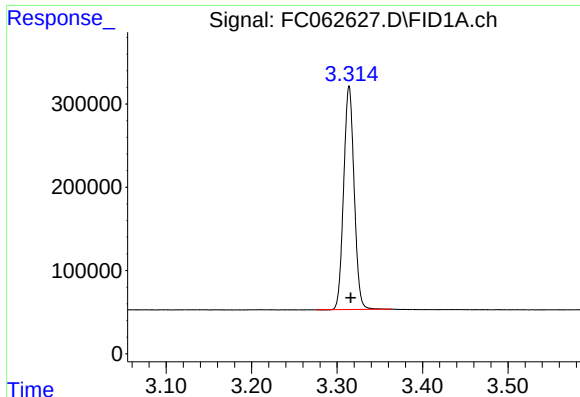
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011223AL\
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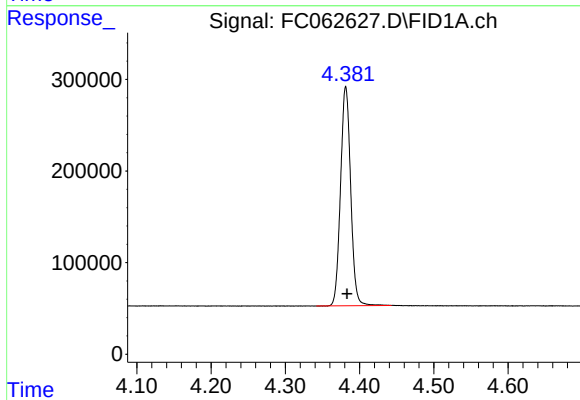




#1 n-Nonane (C9)

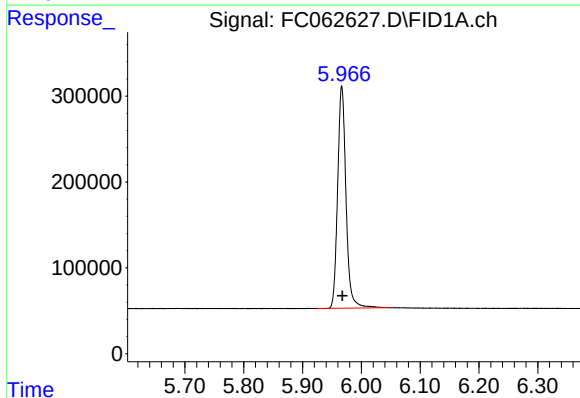
R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 2294123
Conc: 17.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



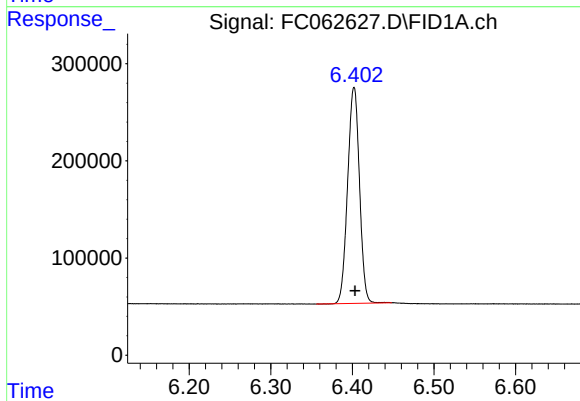
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.002 min
Response: 2269779
Conc: 17.50 ug/ml



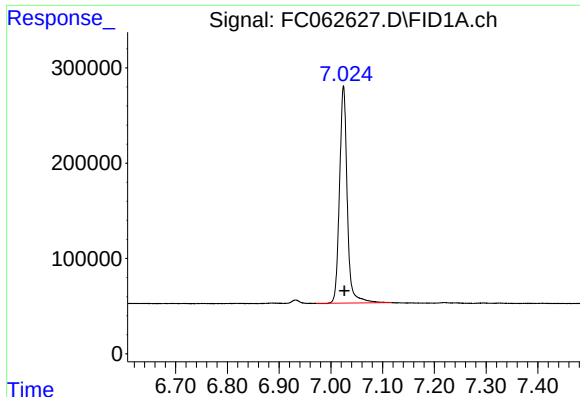
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.001 min
Response: 2560876
Conc: 17.43 ug/ml



#4 n-Dodecane (C12)

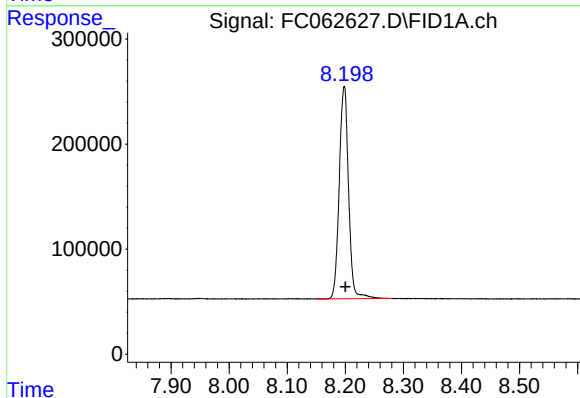
R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 2242676
Conc: 17.45 ug/ml



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

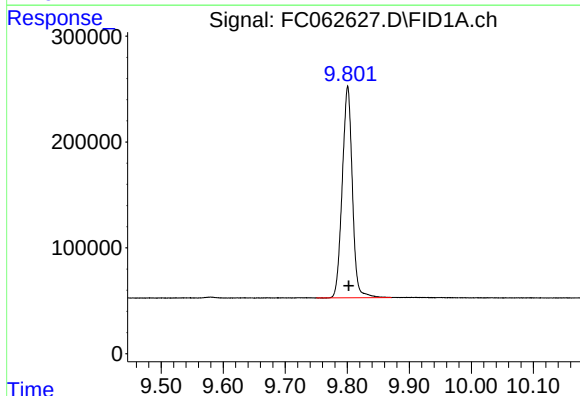
R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 2364281
Conc: 17.29 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



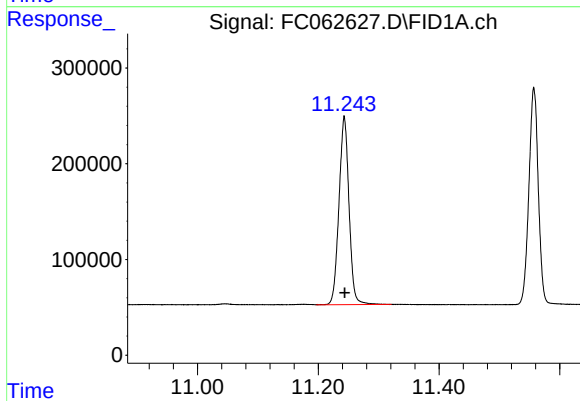
#6 n-Tetradecane (C14)

R.T.: 8.198 min
Delta R.T.: -0.002 min
Response: 2252912
Conc: 17.50 ug/ml



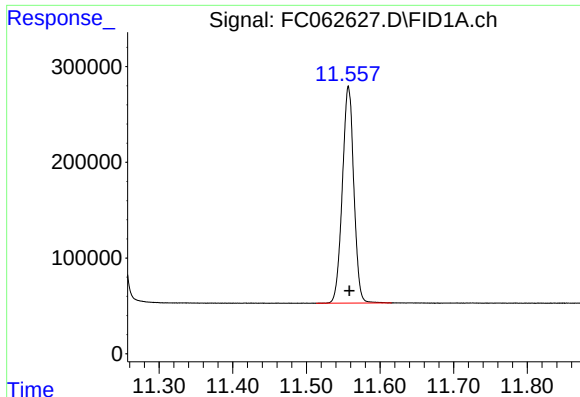
#7 n-Hexadecane (C16)

R.T.: 9.801 min
Delta R.T.: -0.001 min
Response: 2262565
Conc: 17.52 ug/ml



#8 n-Octadecane (C18)

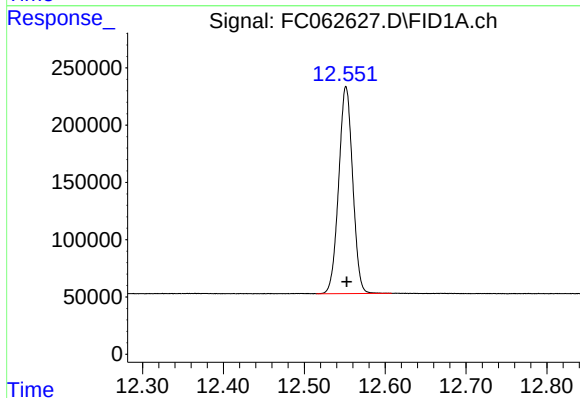
R.T.: 11.243 min
Delta R.T.: 0.000 min
Response: 2268177
Conc: 17.52 ug/ml



#9 ortho-Terphenyl (SURR)

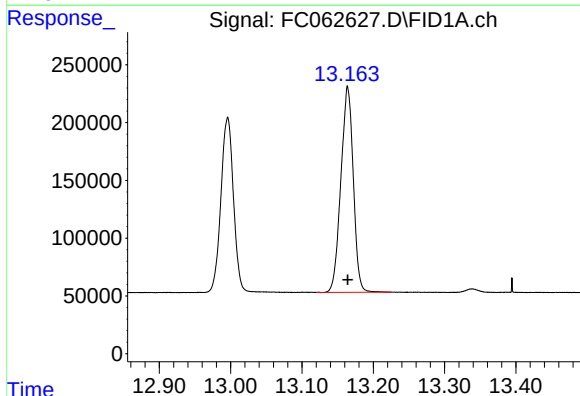
R.T.: 11.557 min
Delta R.T.: -0.001 min
Response: 2451744
Conc: 17.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



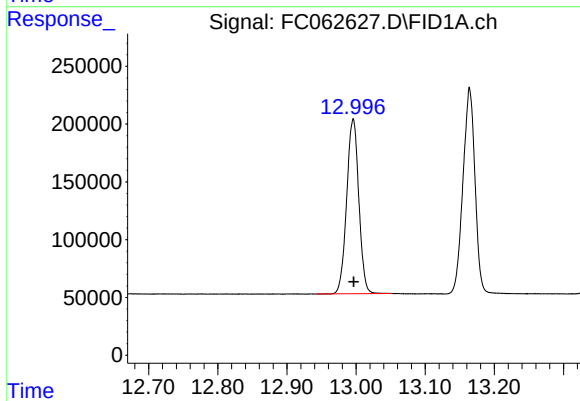
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: 0.000 min
Response: 2172190
Conc: 17.60 ug/ml



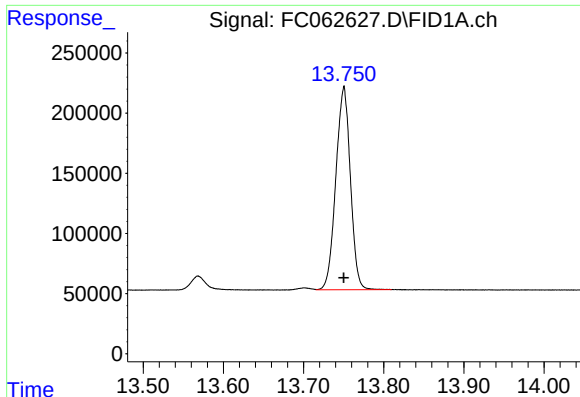
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: 0.000 min
Response: 2150527
Conc: 17.55 ug/ml



#12 1-chlorooctadecane (SURR)

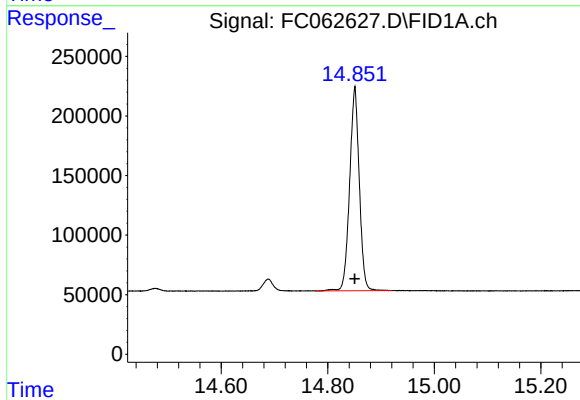
R.T.: 12.996 min
Delta R.T.: 0.000 min
Response: 1842720
Conc: 17.49 ug/ml



#13 n-Docosane (C22)

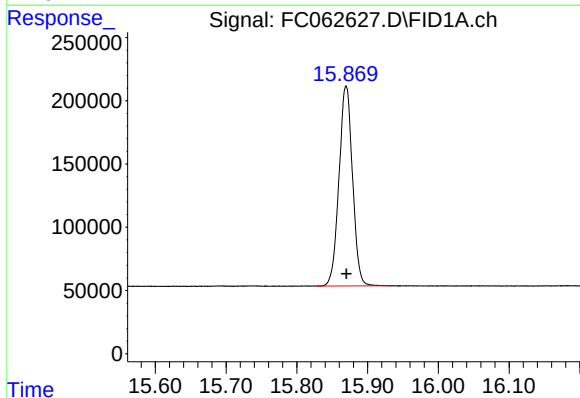
R.T.: 13.750 min
Delta R.T.: 0.000 min
Response: 2131509
Conc: 17.83 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



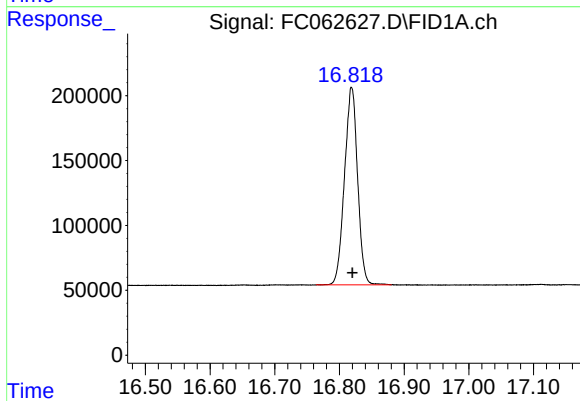
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.000 min
Response: 2155090
Conc: 18.50 ug/ml



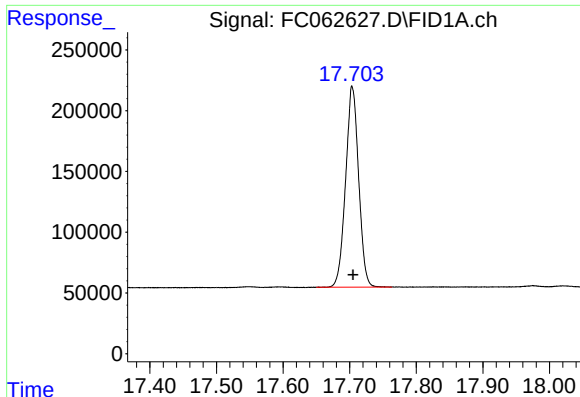
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: 0.000 min
Response: 2100046
Conc: 18.69 ug/ml



#16 n-Octacosane (C28)

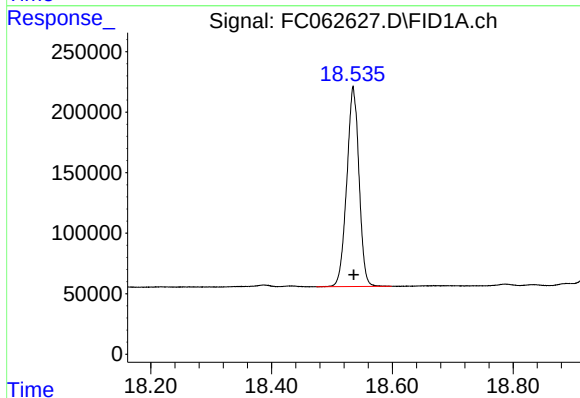
R.T.: 16.819 min
Delta R.T.: -0.001 min
Response: 2140923
Conc: 19.50 ug/ml



#17 n-Tricontane (C30)

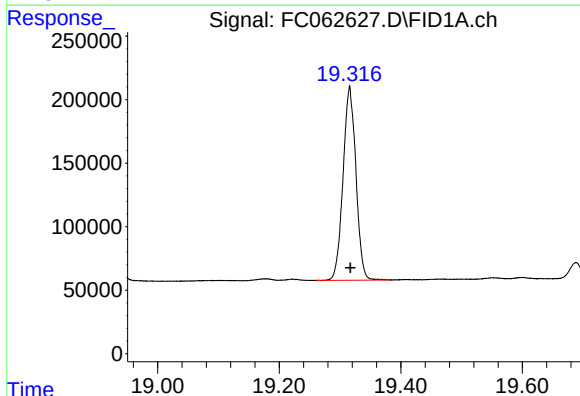
R.T.: 17.704 min
Delta R.T.: -0.001 min
Response: 2247687
Conc: 20.76 ug/ml

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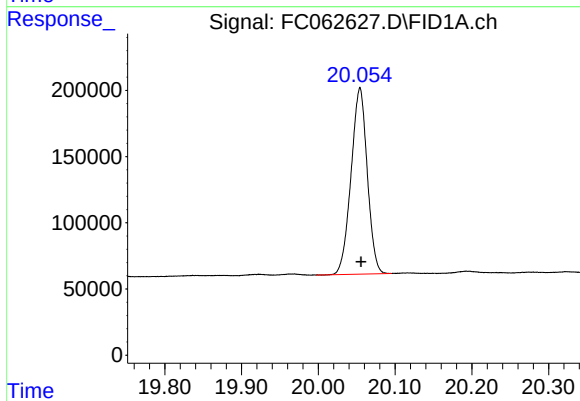
#18 n-Dotriacontane (C32)

R.T.: 18.535 min
Delta R.T.: -0.001 min
Response: 2321291
Conc: 21.26 ug/ml



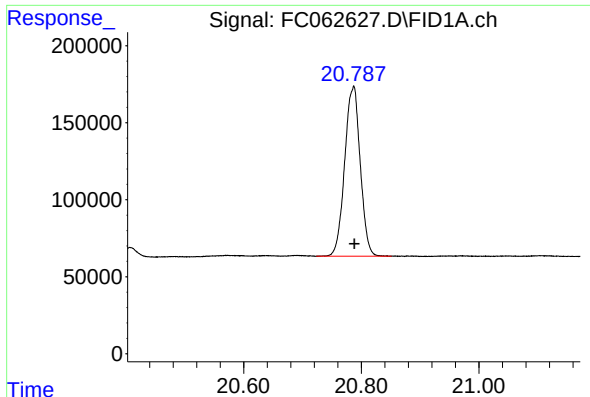
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.002 min
Response: 2236394
Conc: 20.57 ug/ml



#20 n-Hexatriacontane (C36)

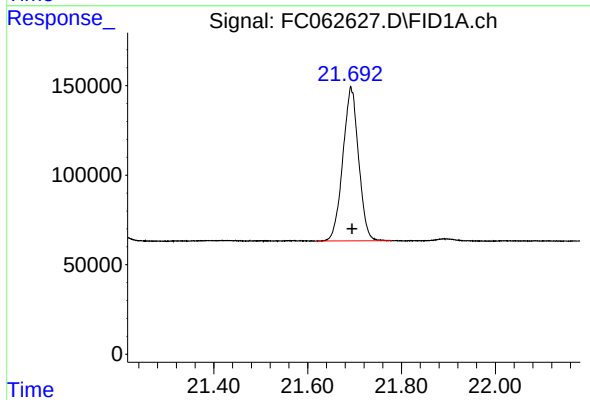
R.T.: 20.054 min
Delta R.T.: -0.001 min
Response: 2061904
Conc: 18.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.001 min
Response: 2022996
Conc: 19.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: -0.003 min
Response: 1996664
Conc: 18.75 ug/ml