

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010923AL\
 Data File : FC062599.D
 Signal(s) : FID1A.ch
 Acq On : 09 Jan 2023 23:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HCS STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HCS STD

Integration File: autoint1.e
 Quant Time: Jan 10 03:30:47 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)	11.558	2725177	19.288 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
12) S 1-chlorooctadecane (S...	12.996	2079852	19.744 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
Target Compounds			
1) T n-Nonane (C9)	3.311	2511269	18.780 ug/ml
2) T n-Decane (C10)	4.380	2474000	19.076 ug/ml
3) T A~Naphthalene (C11.7)	5.967	2820437	19.193 ug/ml
4) T n-Dodecane (C12)	6.402	2473867	19.249 ug/ml
5) T A~2-methylnaphthalene...	7.025	2638367	19.298 ug/ml
6) T n-Tetradecane (C14)	8.199	2488033	19.328 ug/ml
7) T n-Hexadecane (C16)	9.800	2517326	19.493 ug/ml
8) T n-Octadecane (C18)	11.242	2522210	19.477 ug/ml
10) T n-Eicosane (C20)	12.551	2423082	19.634 ug/ml
11) T n-Heneicosane (C21)	13.164	2417970	19.728 ug/ml
13) T n-Docosane (C22)	13.749	2371401	19.836 ug/ml
14) T n-Tetracosane (C24)	14.850	2348836	20.168 ug/ml
15) T n-Hexacosane (C26)	15.870	2284940	20.339 ug/ml
16) T n-Octacosane (C28)	16.819	2273934	20.710 ug/ml
17) T n-Tricontane (C30)	17.704	2322195	21.443 ug/ml
18) T n-Dotriacontane (C32)	18.536	2367067	21.682 ug/ml
19) T n-Tetratriacontane (C34)	19.318	2323791	21.374 ug/ml
20) T n-Hexatriacontane (C36)	20.055	2264926	20.362 ug/ml
21) T n-Octatriacontane (C38)	20.787	2351697	22.206 ug/ml
22) T n-Tetracontane (C40)	21.694	2100674	19.726 ug/ml

(f)=RT Delta > 1/2 Window

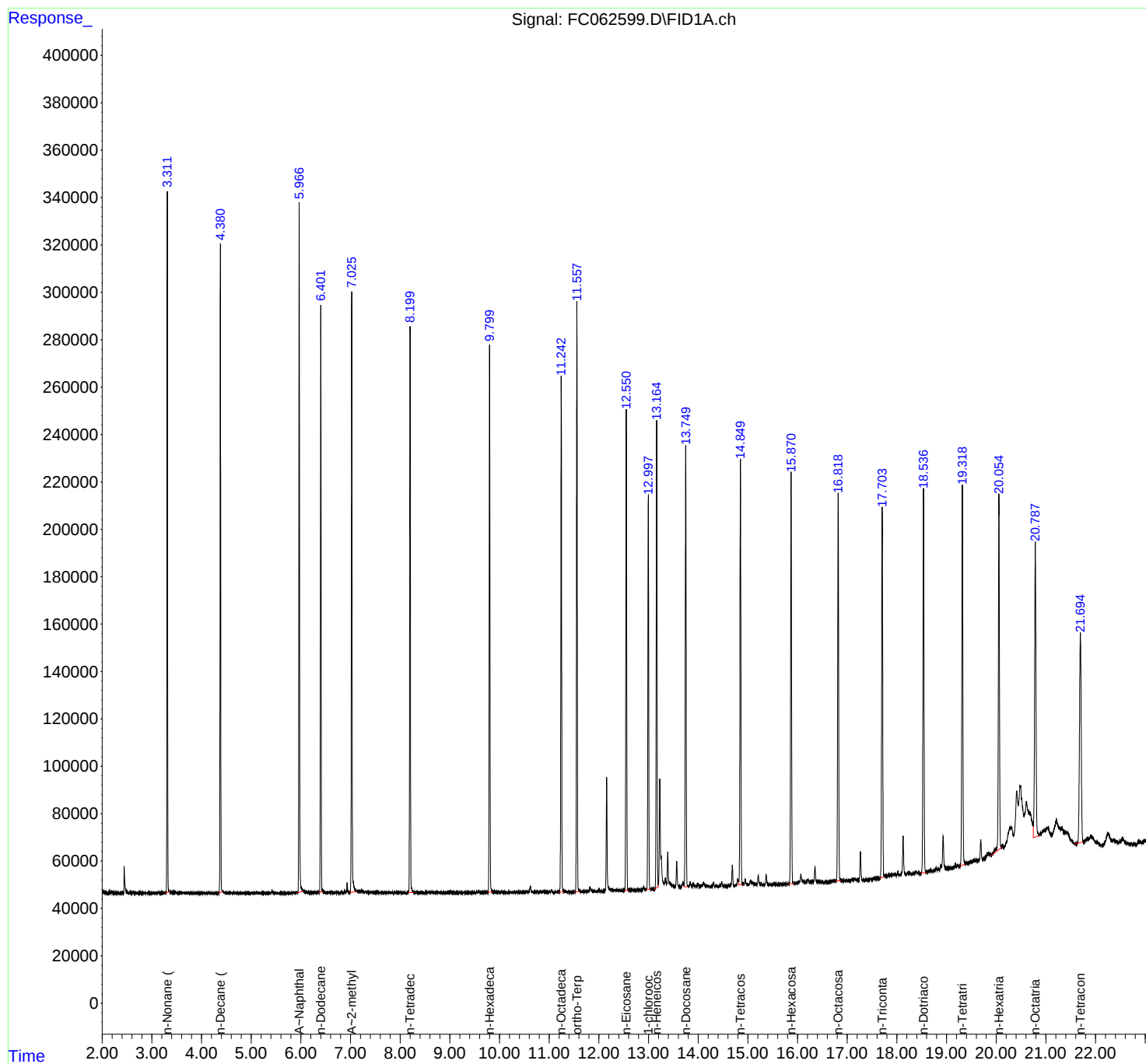
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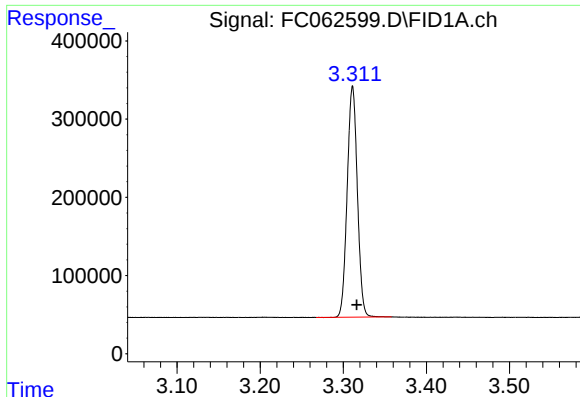
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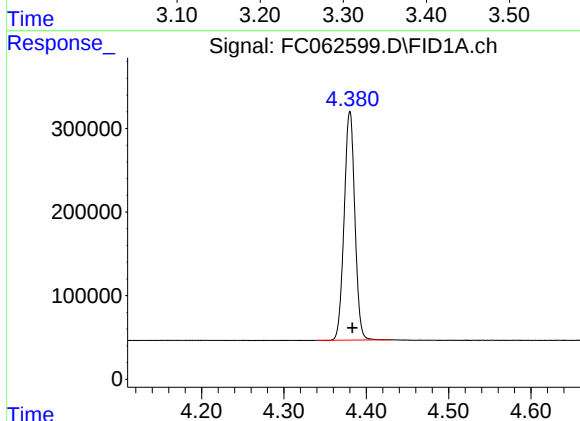




#1 n-Nonane (C9)

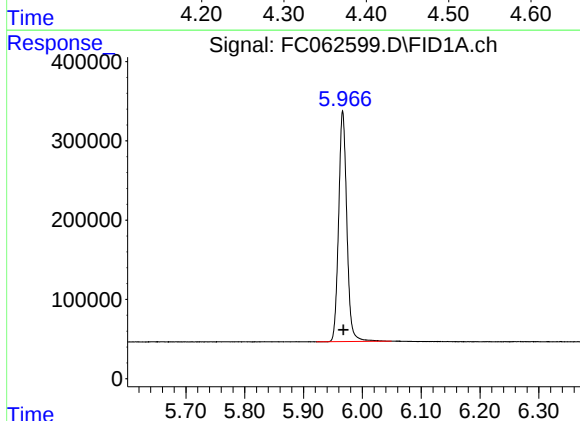
R.T.: 3.311 min
Delta R.T.: -0.005 min
Response: 2511269
Conc: 18.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HCS STD



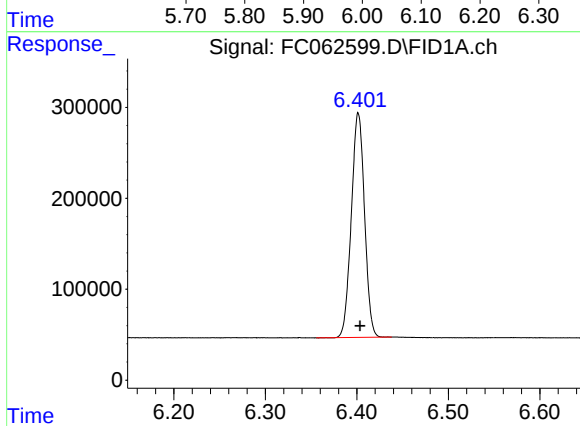
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 2474000
Conc: 19.08 ug/ml



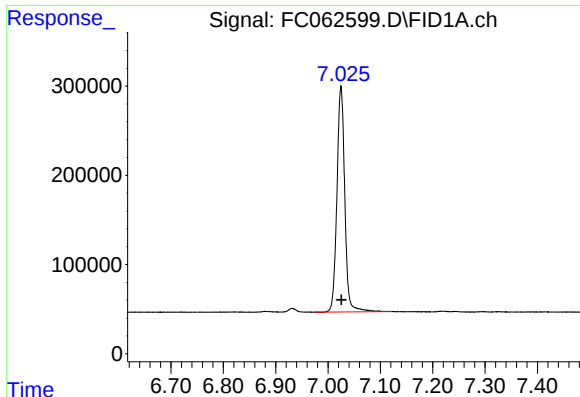
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.001 min
Response: 2820437
Conc: 19.19 ug/ml



#4 n-Dodecane (C12)

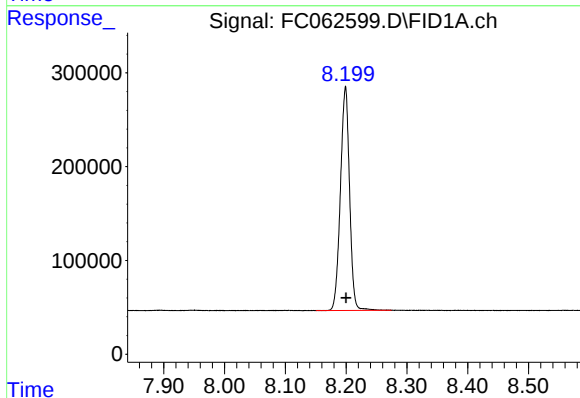
R.T.: 6.402 min
Delta R.T.: -0.002 min
Response: 2473867
Conc: 19.25 ug/ml



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

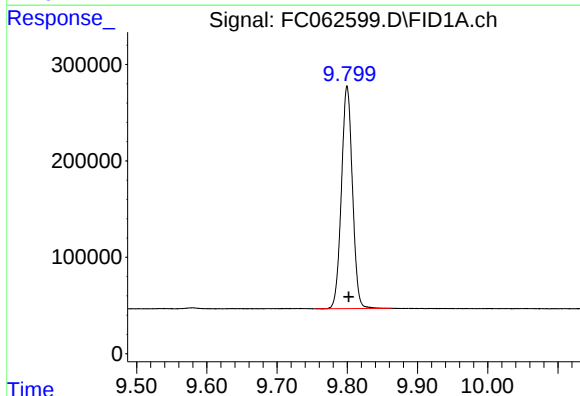
R.T.: 7.025 min
Delta R.T.: -0.001 min
Response: 2638367
Conc: 19.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HCS STD



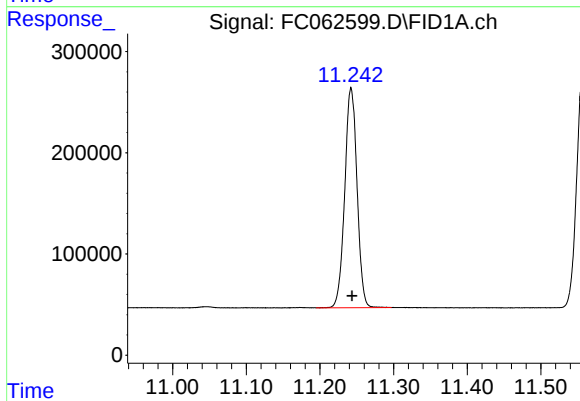
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 2488033
Conc: 19.33 ug/ml



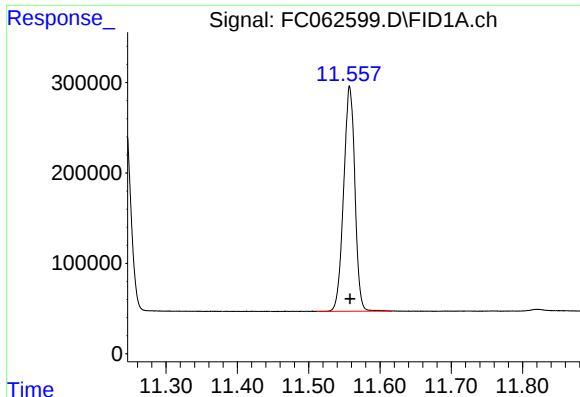
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.002 min
Response: 2517326
Conc: 19.49 ug/ml



#8 n-Octadecane (C18)

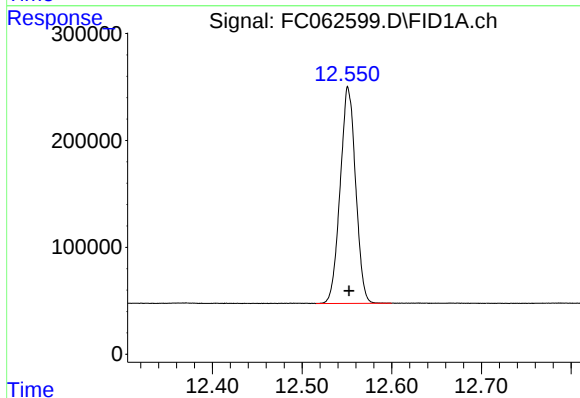
R.T.: 11.242 min
Delta R.T.: -0.001 min
Response: 2522210
Conc: 19.48 ug/ml



#9 ortho-Terphenyl (SURR)

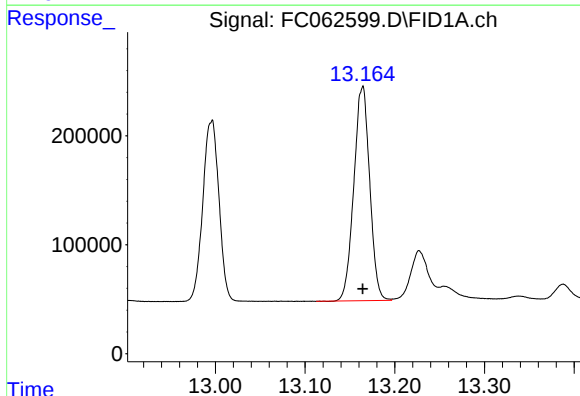
R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 2725177
Conc: 19.29 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HCS STD



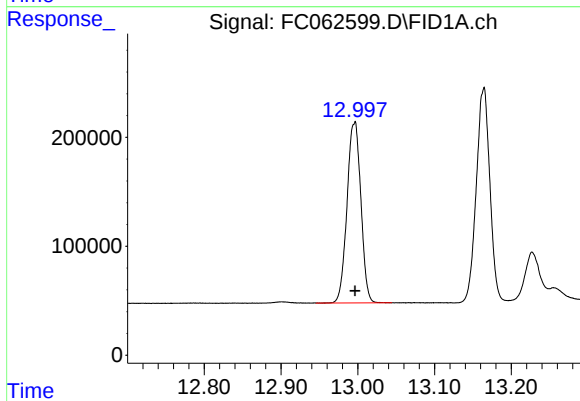
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.001 min
Response: 2423082
Conc: 19.63 ug/ml



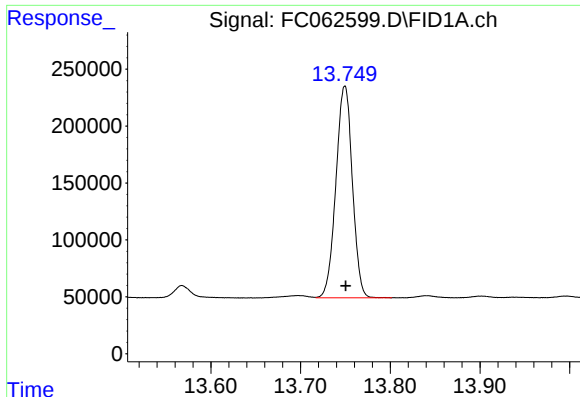
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: 0.000 min
Response: 2417970
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

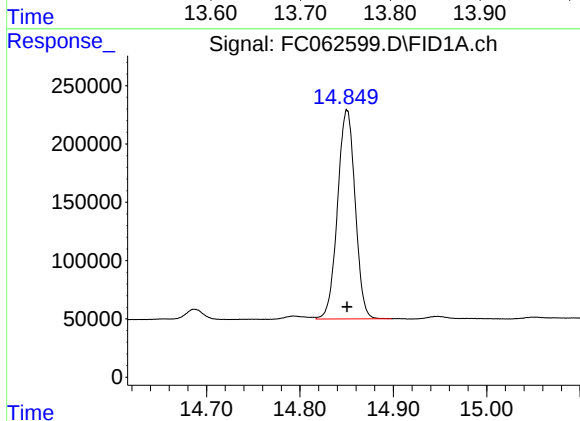
R.T.: 12.996 min
Delta R.T.: 0.000 min
Response: 2079852
Conc: 19.74 ug/ml



#13 n-Docosane (C22)

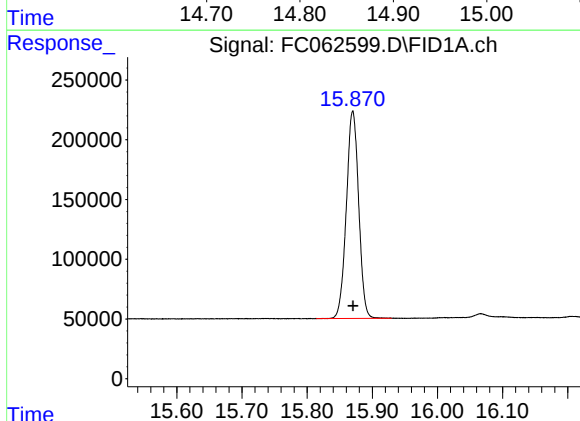
R.T.: 13.749 min
Delta R.T.: 0.000 min
Response: 2371401
Conc: 19.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HCS STD



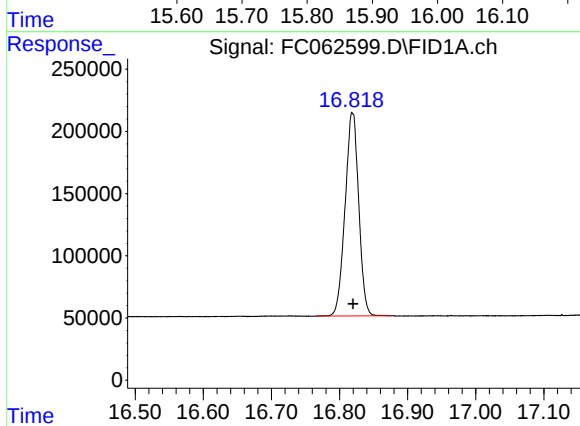
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: 0.000 min
Response: 2348836
Conc: 20.17 ug/ml



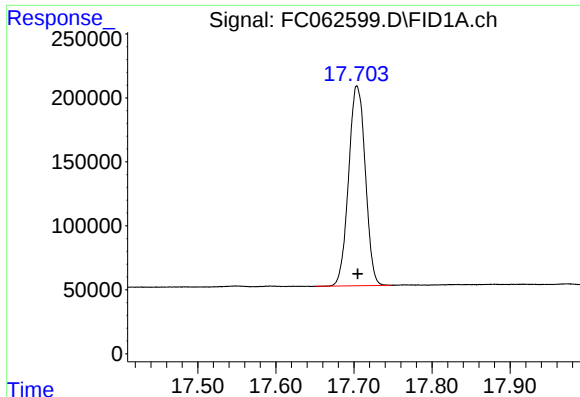
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: 0.000 min
Response: 2284940
Conc: 20.34 ug/ml



#16 n-Octacosane (C28)

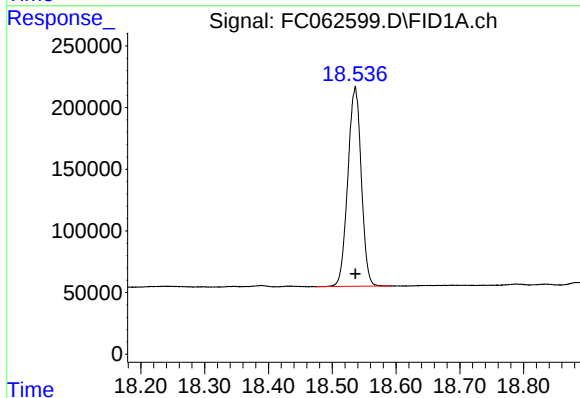
R.T.: 16.819 min
Delta R.T.: 0.000 min
Response: 2273934
Conc: 20.71 ug/ml



#17 n-Tricontane (C30)

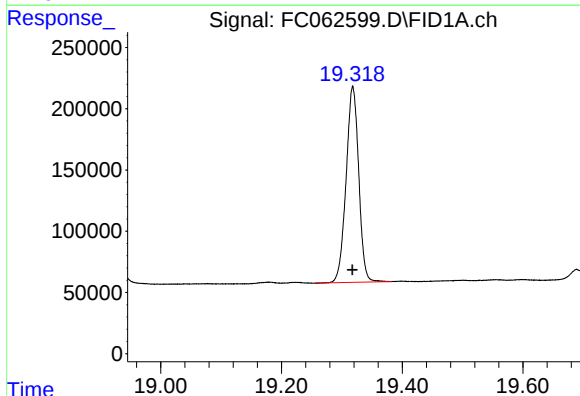
R.T.: 17.704 min
Delta R.T.: -0.001 min
Response: 2322195
Conc: 21.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HCS STD



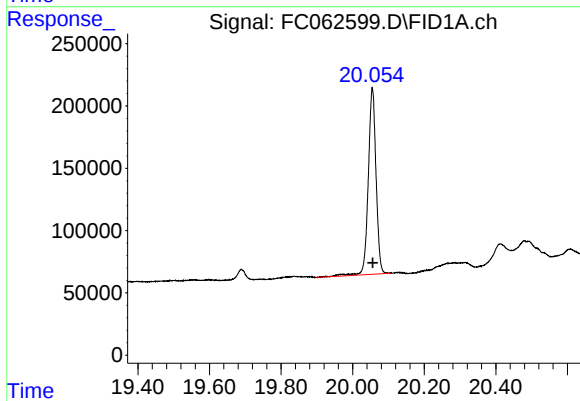
#18 n-Dotriacontane (C32)

R.T.: 18.536 min
Delta R.T.: 0.000 min
Response: 2367067
Conc: 21.68 ug/ml



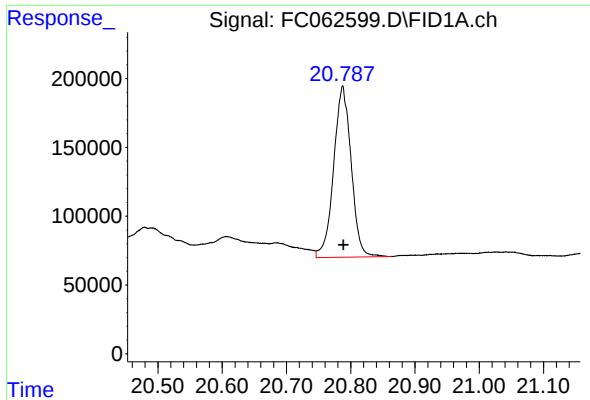
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: 0.000 min
Response: 2323791
Conc: 21.37 ug/ml



#20 n-Hexatriacontane (C36)

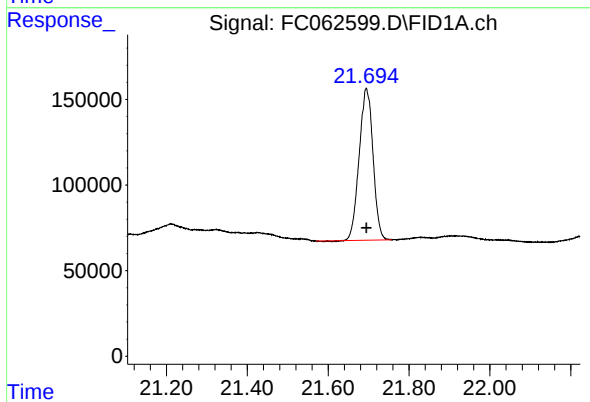
R.T.: 20.055 min
Delta R.T.: 0.000 min
Response: 2264926
Conc: 20.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.001 min
Response: 2351697
Conc: 22.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.694 min
Delta R.T.: 0.000 min
Response: 2100674
Conc: 19.73 ug/ml