

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011723AL\
 Data File : FC062694.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jan 2023 19:01
 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: sample.E
 Quant Time: Jan 17 23:53:04 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)	11.554	2505501	17.734 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
12) S 1-chlorooctadecane (S...	12.992	1870085	17.753 ug/ml
Spiked Amount 50.000		Recovery =	35.51%
Target Compounds			
1) T n-Nonane (C9)	3.314	2263747	16.929 ug/ml
2) T n-Decane (C10)	4.380	2297977	17.718 ug/ml
3) T A~Naphthalene (C11.7)	5.964	2552005	17.367 ug/ml
4) T n-Dodecane (C12)	6.400	2228303	17.338 ug/ml
5) T A~2-methylnaphthalene...	7.022	2382076	17.423 ug/ml
6) T n-Tetradecane (C14)	8.195	2286919	17.765 ug/ml
7) T n-Hexadecane (C16)	9.797	2313733	17.916 ug/ml
8) T n-Octadecane (C18)	11.240	2328971	17.985 ug/ml
10) T n-Eicosane (C20)	12.549	2243456	18.178 ug/ml
11) T n-Heneicosane (C21)	13.160	2211312	18.042 ug/ml
13) T n-Docosane (C22)	13.746	2244819	18.777 ug/ml
14) T n-Tetracosane (C24)	14.847	2317274	19.897 ug/ml
15) T n-Hexacosane (C26)	15.868	2339732	20.827 ug/ml
16) T n-Octacosane (C28)	16.815	2485858	22.640 ug/ml
17) T n-Tricontane (C30)	17.700	2657536	24.540 ug/ml
18) T n-Dotriacontane (C32)	18.532	2722094	24.934 ug/ml
19) T n-Tetratriacontane (C34)	19.315	2512211	23.107 ug/ml
20) T n-Hexatriacontane (C36)	20.053	2222983	19.985 ug/ml
21) T n-Octatriacontane (C38)	20.785	2102695	19.855 ug/ml
22) T n-Tetracontane (C40)	21.692	2023879	19.004 ug/ml

(f)=RT Delta > 1/2 Window

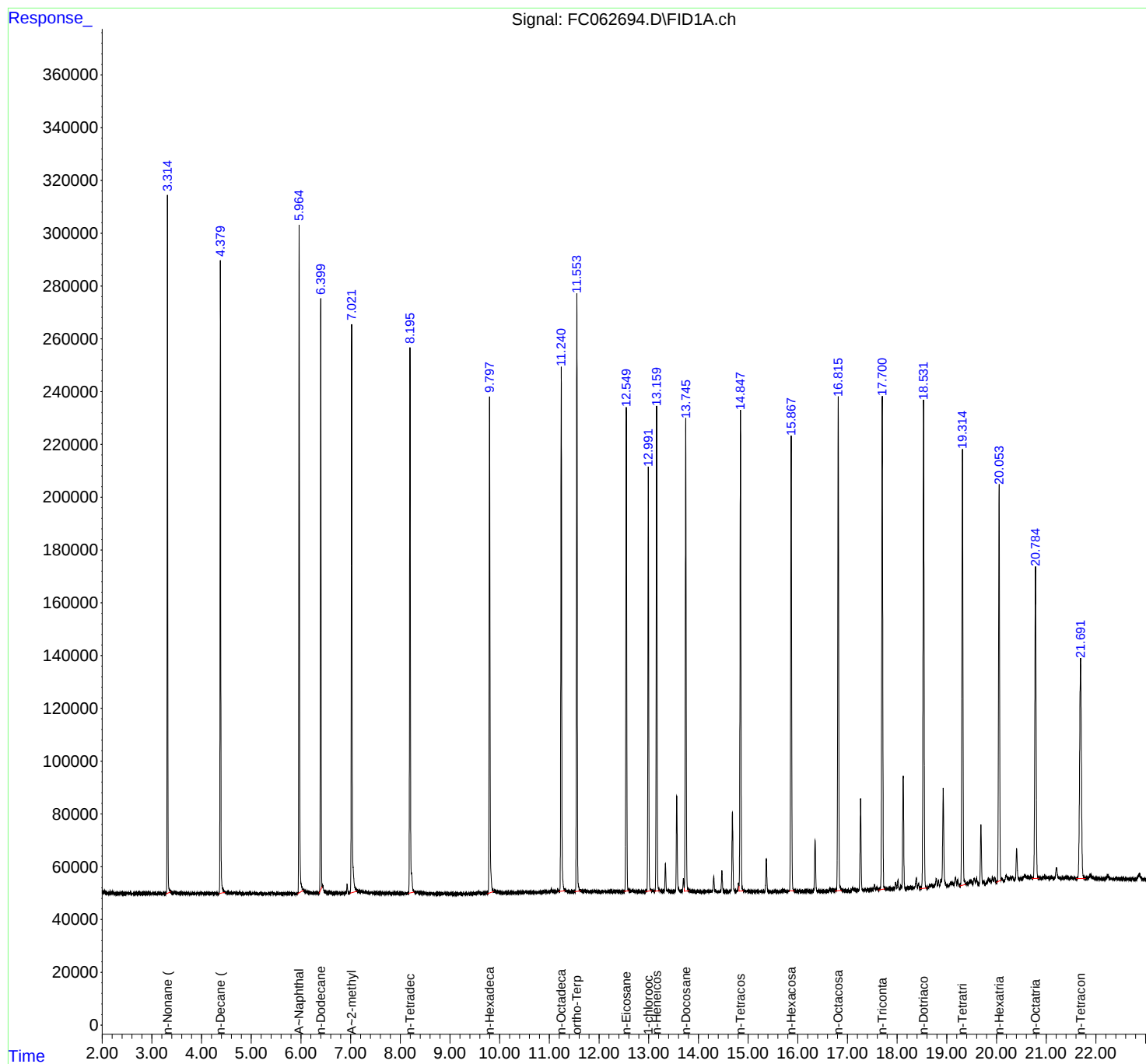
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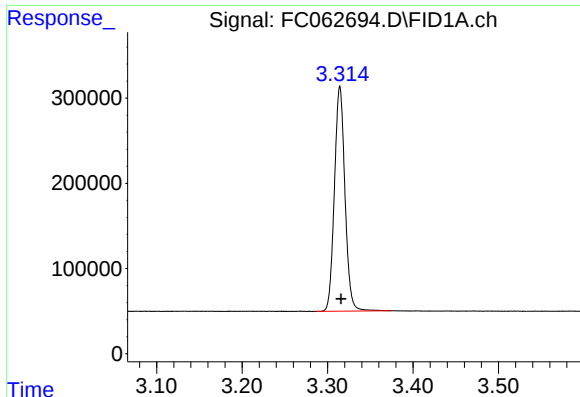
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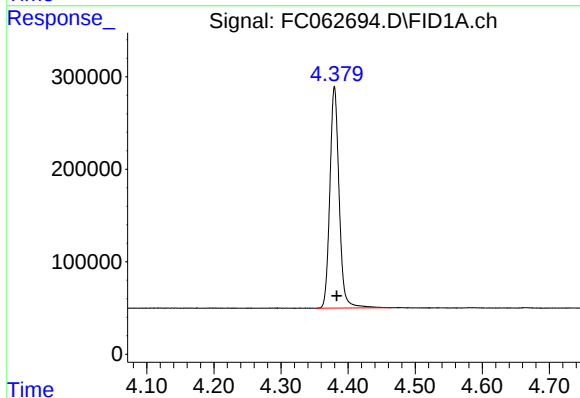




#1 n-Nonane (C9)

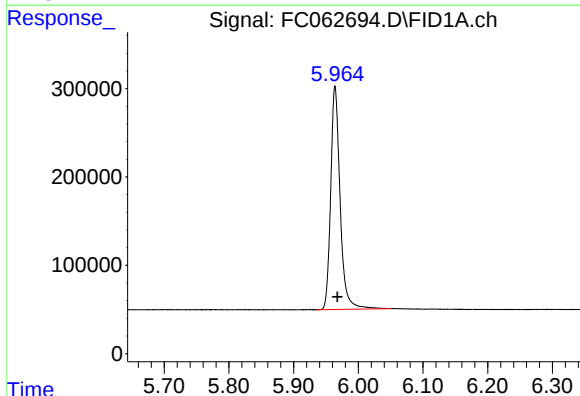
R.T.: 3.314 min
Delta R.T.: -0.002 min
Response: 2263747
Conc: 16.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



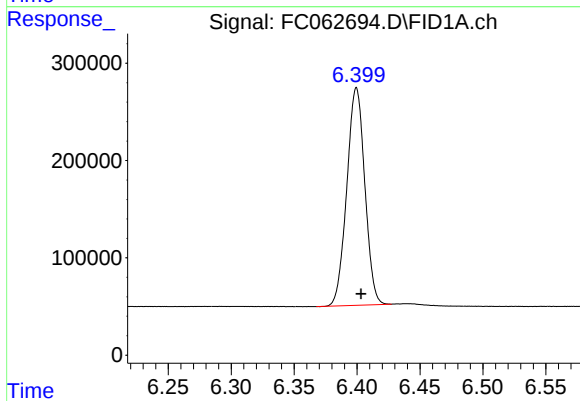
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 2297977
Conc: 17.72 ug/ml



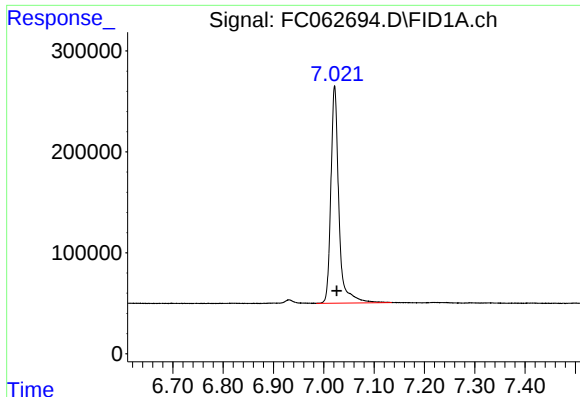
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.004 min
Response: 2552005
Conc: 17.37 ug/ml



#4 n-Dodecane (C12)

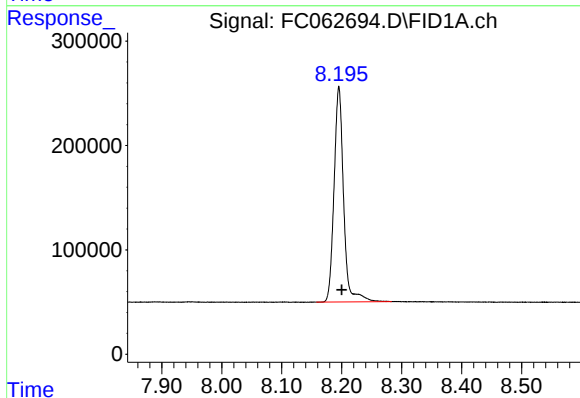
R.T.: 6.400 min
Delta R.T.: -0.004 min
Response: 2228303
Conc: 17.34 ug/ml



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

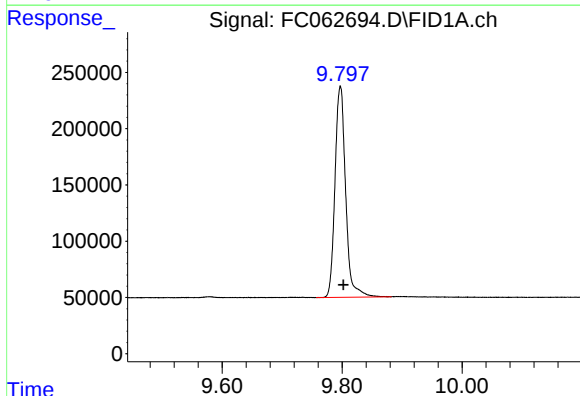
R.T.: 7.022 min
Delta R.T.: -0.004 min
Response: 2382076
Conc: 17.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



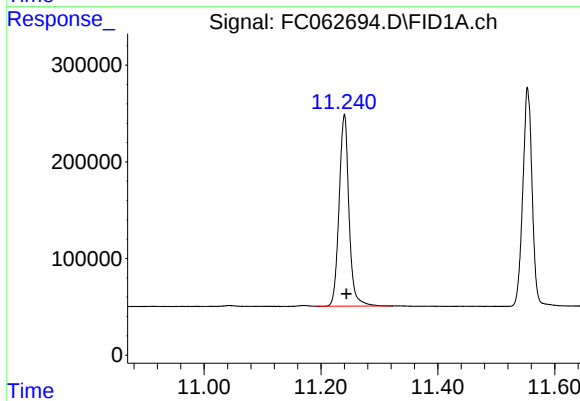
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.005 min
Response: 2286919
Conc: 17.77 ug/ml



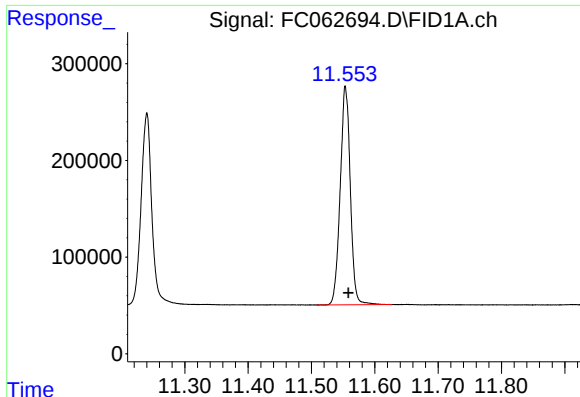
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.005 min
Response: 2313733
Conc: 17.92 ug/ml



#8 n-Octadecane (C18)

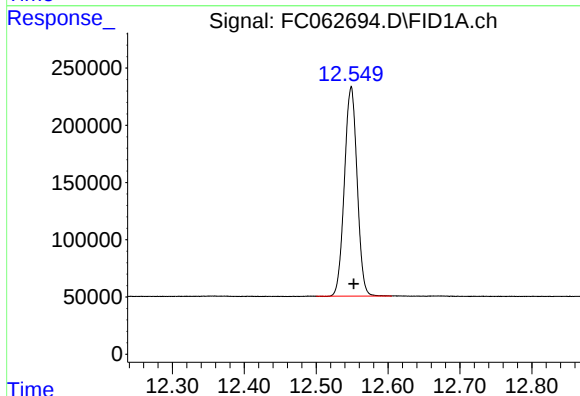
R.T.: 11.240 min
Delta R.T.: -0.004 min
Response: 2328971
Conc: 17.98 ug/ml



#9 ortho-Terphenyl (SURR)

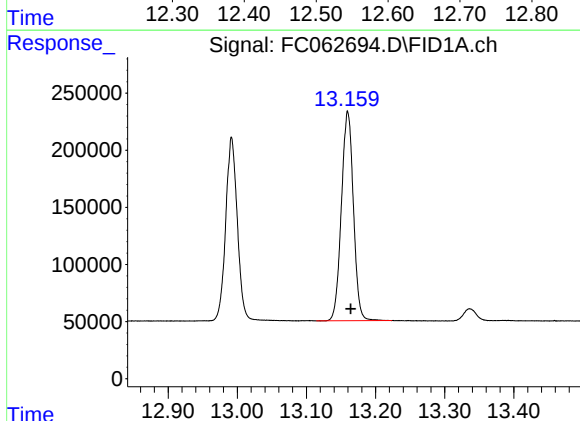
R.T.: 11.554 min
Delta R.T.: -0.005 min
Response: 2505501
Conc: 17.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



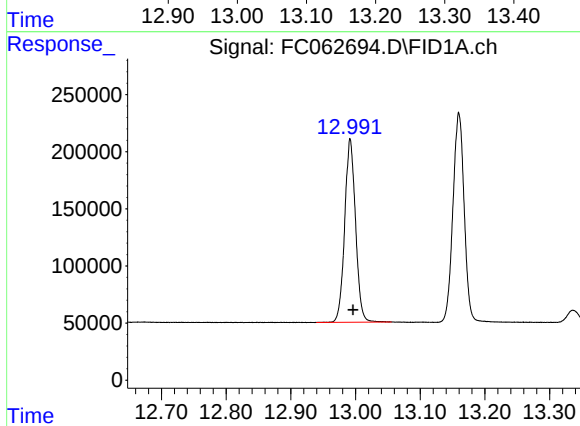
#10 n-Eicosane (C20)

R.T.: 12.549 min
Delta R.T.: -0.004 min
Response: 2243456
Conc: 18.18 ug/ml



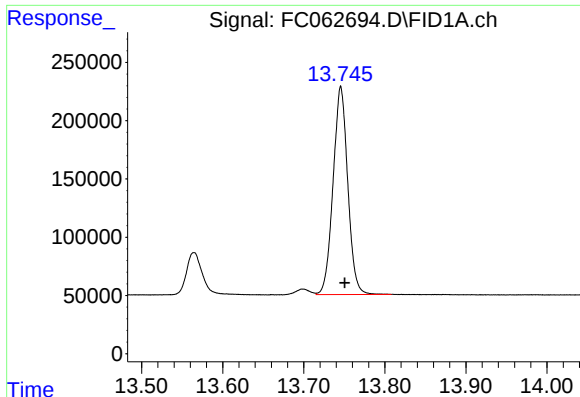
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: -0.004 min
Response: 2211312
Conc: 18.04 ug/ml



#12 1-chlorooctadecane (SURR)

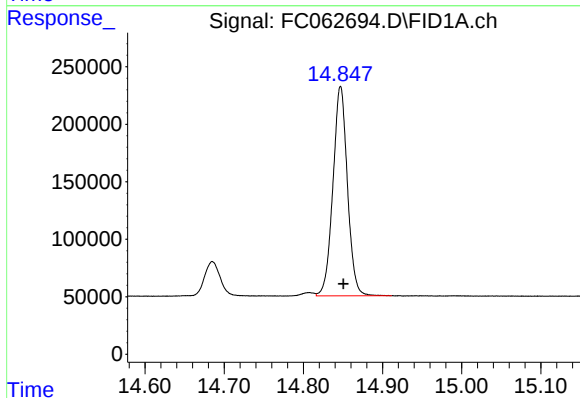
R.T.: 12.992 min
Delta R.T.: -0.005 min
Response: 1870085
Conc: 17.75 ug/ml



#13 n-Docosane (C22)

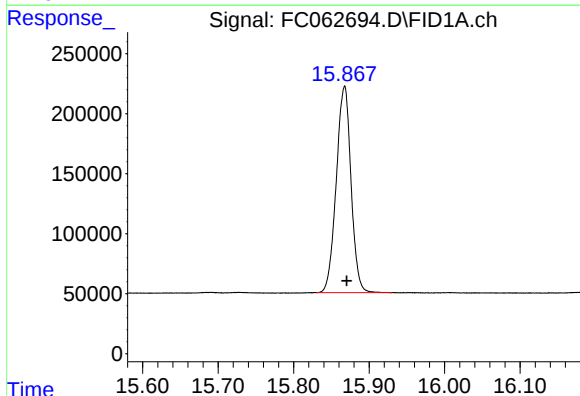
R.T.: 13.746 min
Delta R.T.: -0.005 min
Response: 2244819
Conc: 18.78 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



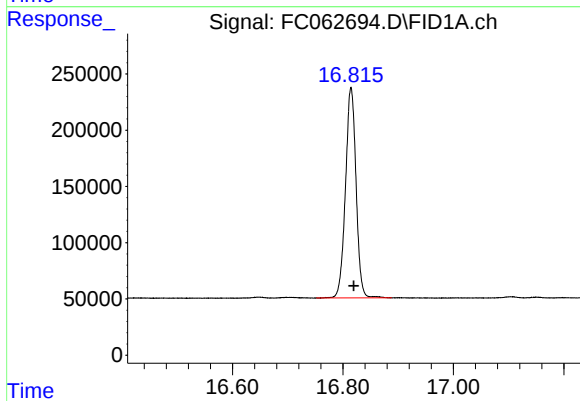
#14 n-Tetracosane (C24)

R.T.: 14.847 min
Delta R.T.: -0.004 min
Response: 2317274
Conc: 19.90 ug/ml



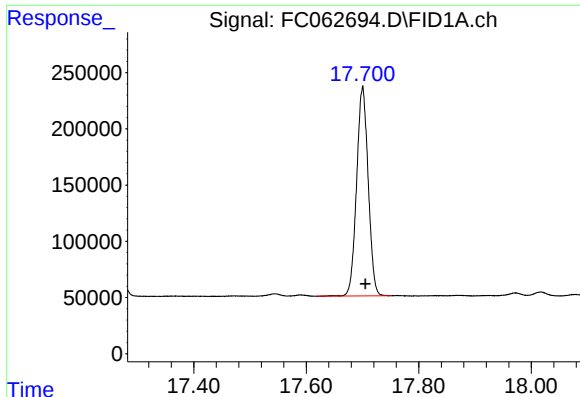
#15 n-Hexacosane (C26)

R.T.: 15.868 min
Delta R.T.: -0.003 min
Response: 2339732
Conc: 20.83 ug/ml



#16 n-Octacosane (C28)

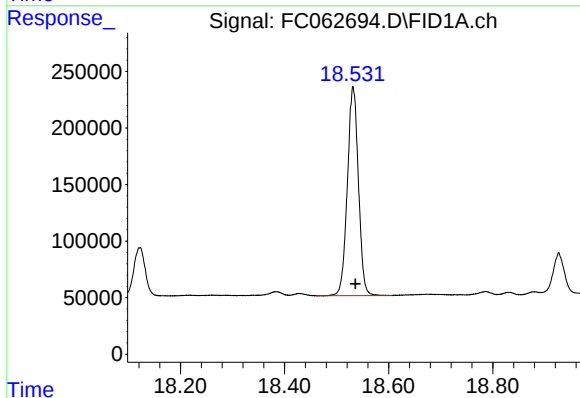
R.T.: 16.815 min
Delta R.T.: -0.005 min
Response: 2485858
Conc: 22.64 ug/ml



#17 n-Tricontane (C30)

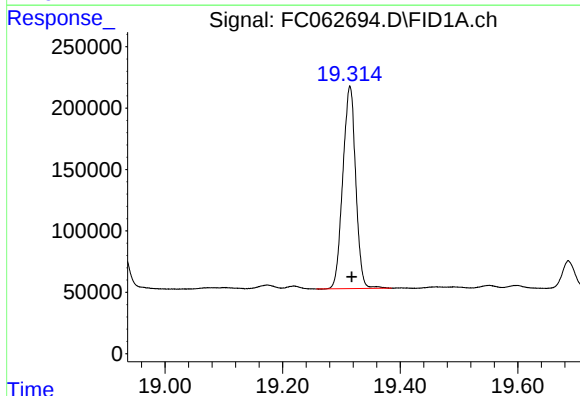
R.T.: 17.700 min
Delta R.T.: -0.005 min
Response: 2657536
Conc: 24.54 ug/ml

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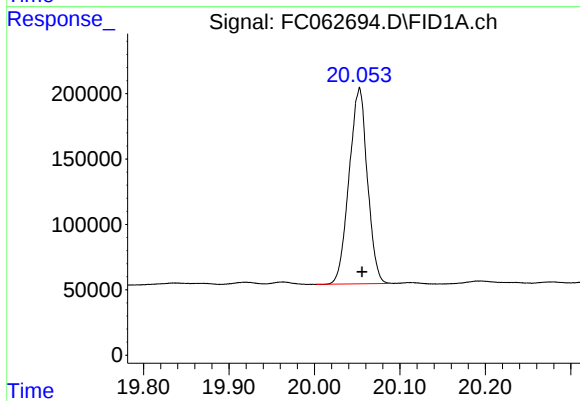
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.004 min
Response: 2722094
Conc: 24.93 ug/ml



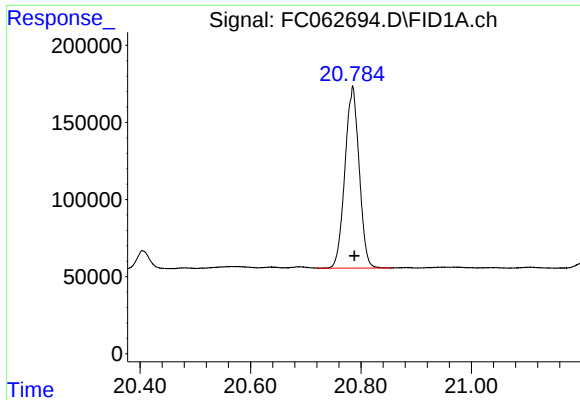
#19 n-Tetratriacontane (C34)

R.T.: 19.315 min
Delta R.T.: -0.003 min
Response: 2512211
Conc: 23.11 ug/ml



#20 n-Hexatriacontane (C36)

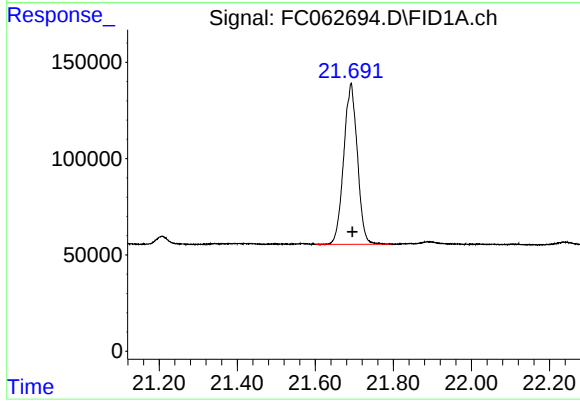
R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 2222983
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.003 min
Response: 2102695
Conc: 19.85 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: -0.003 min
Response: 2023879
Conc: 19.00 ug/ml