

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC123022AL\
 Data File : FC062521.D
 Signal(s) : FID1A.ch
 Acq On : 30 Dec 2022 09:40
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 30 14:59:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 120722.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 08 01:05:24 2022
 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)	11.551	2499032	17.716 ug/ml
Spiked Amount 50.000		Recovery =	35.43%
12) S 1-chlorooctadecane (S...	12.990	1894908	17.779 ug/ml
Spiked Amount 50.000		Recovery =	35.56%
Target Compounds			
1) T n-Nonane (C9)	3.312	2169908	16.871 ug/ml
2) T n-Decane (C10)	4.379	2205063	17.726 ug/ml
3) T A~Naphthalene (C11.7)	5.964	2492529	17.565 ug/ml
4) T n-Dodecane (C12)	6.400	2157934	17.228 ug/ml
5) T A~2-methylnaphthalene...	7.022	2327200	18.099 ug/ml
6) T n-Tetradecane (C14)	8.196	2213868	18.179 ug/ml
7) T n-Hexadecane (C16)	9.797	2252910	17.949 ug/ml
8) T n-Octadecane (C18)	11.237	2307306	18.061 ug/ml
10) T n-Eicosane (C20)	12.546	2257644	18.149 ug/ml
11) T n-Heneicosane (C21)	13.159	2214399	17.919 ug/ml
13) T n-Docosane (C22)	13.743	2293905	18.884 ug/ml
14) T n-Tetracosane (C24)	14.845	2418311	20.175 ug/ml
15) T n-Hexacosane (C26)	15.864	2475472	21.310 ug/ml
16) T n-Octacosane (C28)	16.814	2587302	22.765 ug/ml
17) T n-Tricontane (C30)	17.699	2672262	23.902 ug/ml
18) T n-Dotriacontane (C32)	18.528	2644612	23.800 ug/ml
19) T n-Tetratriacontane (C34)	19.309	2340521	21.635 ug/ml
20) T n-Hexatriacontane (C36)	20.049	2118495	20.867 ug/ml
21) T n-Octatriacontane (C38)	20.779	2025355	19.796 ug/ml
22) T n-Tetracontane (C40)	21.681	1996396	19.699 ug/ml

(f)=RT Delta > 1/2 Window

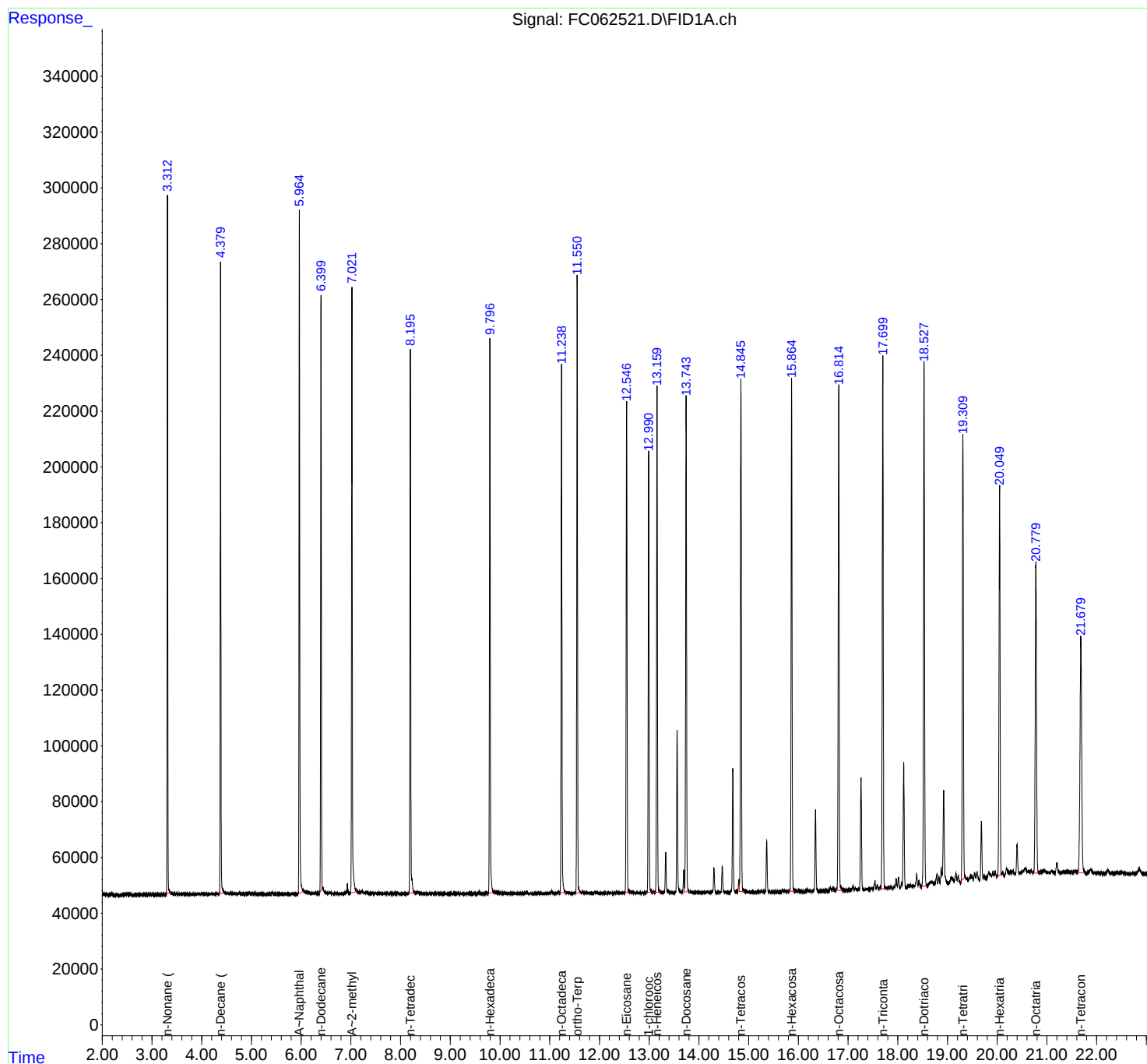
(m)=manual int.

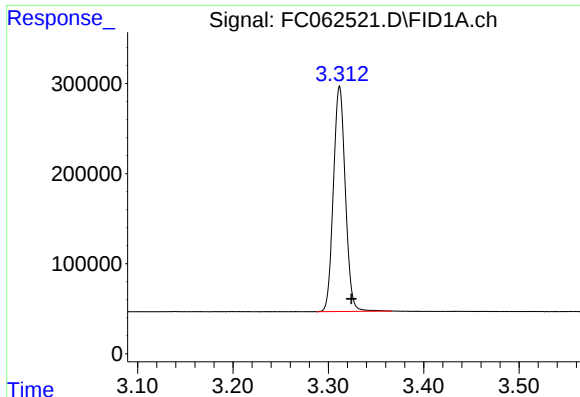
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC123022AL\
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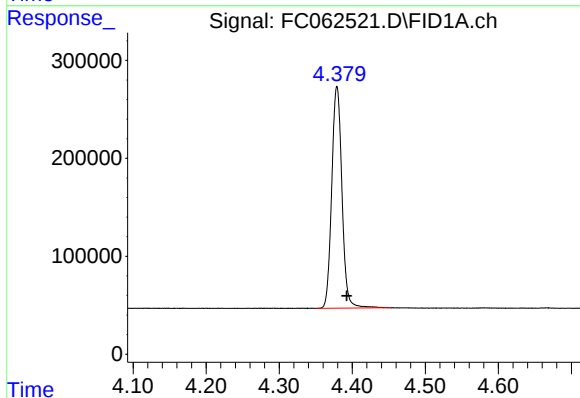




#1 n-Nonane (C9)

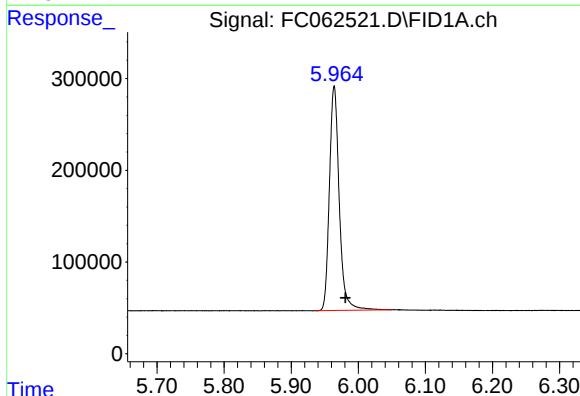
R.T.: 3.312 min
Delta R.T.: -0.012 min
Response: 2169908
Conc: 16.87 ug/ml

Instrument :
FID_C
ClientSampleId :



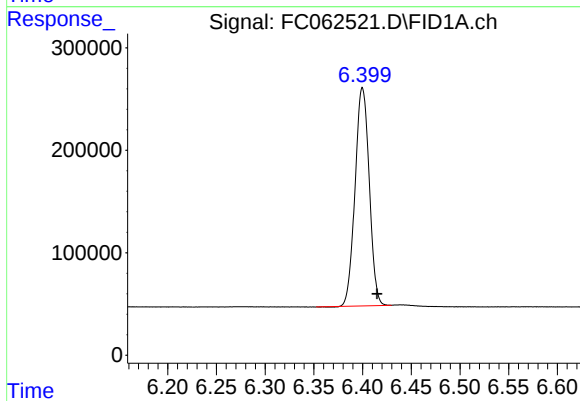
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.014 min
Response: 2205063
Conc: 17.73 ug/ml



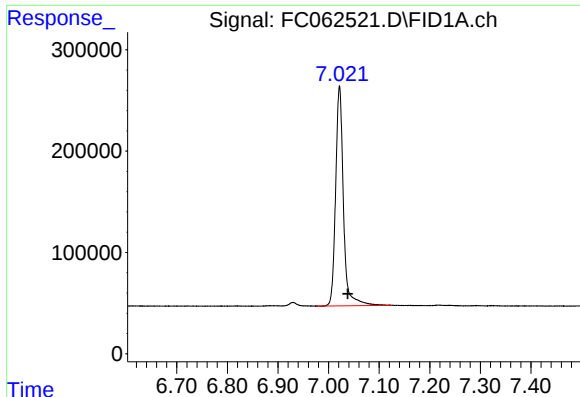
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.017 min
Response: 2492529
Conc: 17.57 ug/ml



#4 n-Dodecane (C12)

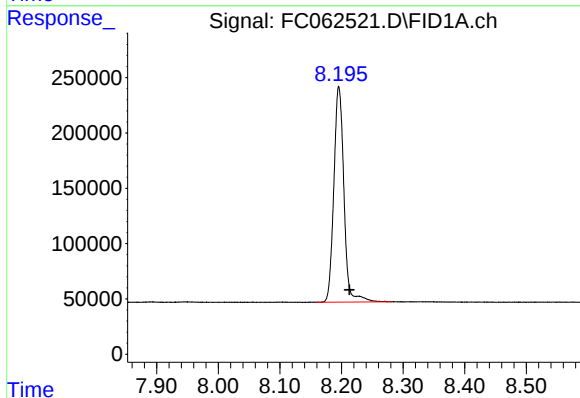
R.T.: 6.400 min
Delta R.T.: -0.015 min
Response: 2157934
Conc: 17.23 ug/ml



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

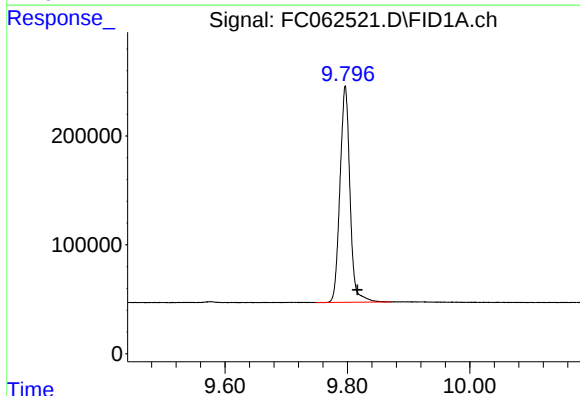
R.T.: 7.022 min
Delta R.T.: -0.016 min
Response: 2327200
Conc: 18.10 ug/ml

Instrument :
FID_C
ClientSampleId :



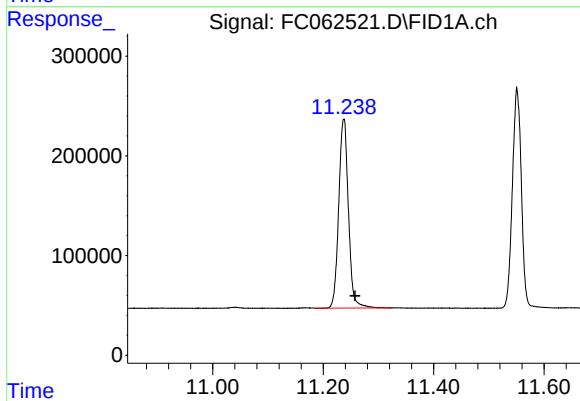
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: -0.017 min
Response: 2213868
Conc: 18.18 ug/ml



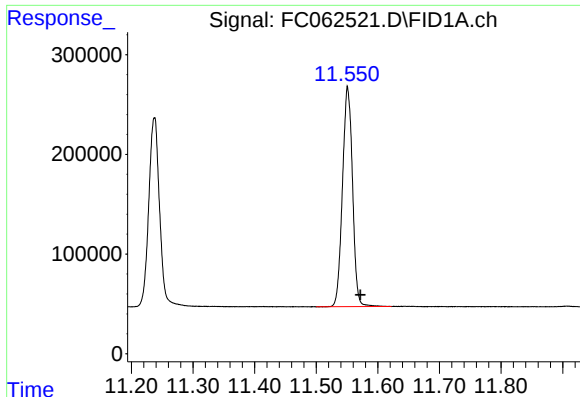
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.019 min
Response: 2252910
Conc: 17.95 ug/ml



#8 n-Octadecane (C18)

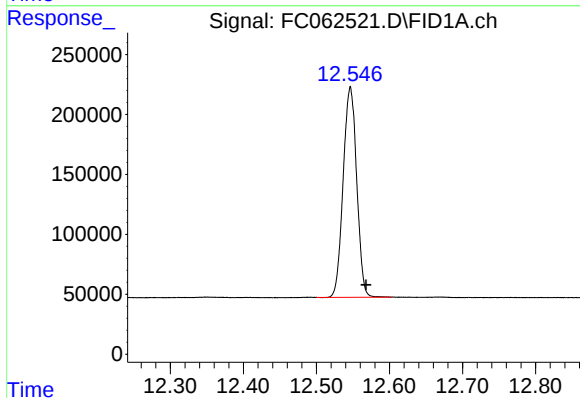
R.T.: 11.237 min
Delta R.T.: -0.020 min
Response: 2307306
Conc: 18.06 ug/ml



#9 ortho-Terphenyl (SURR)

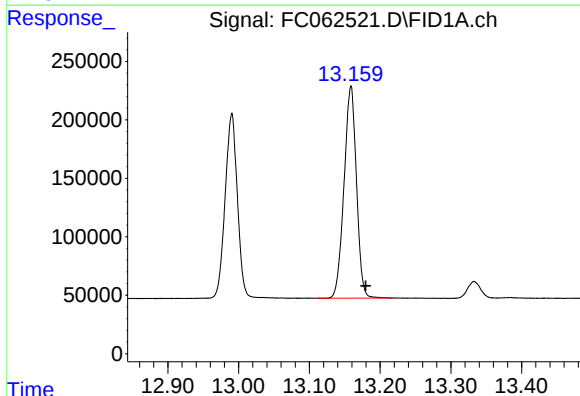
R.T.: 11.551 min
Delta R.T.: -0.021 min
Response: 2499032
Conc: 17.72 ug/ml

Instrument :
FID_C
ClientSampleId :



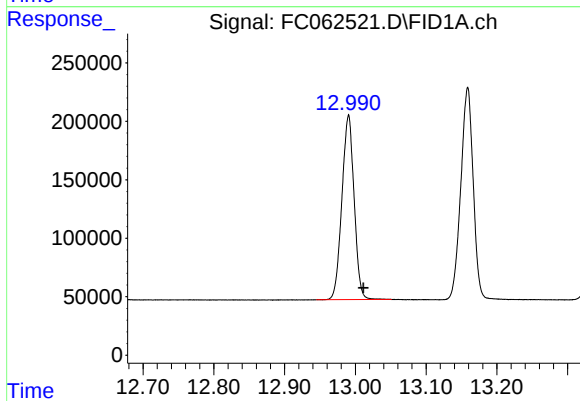
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: -0.021 min
Response: 2257644
Conc: 18.15 ug/ml



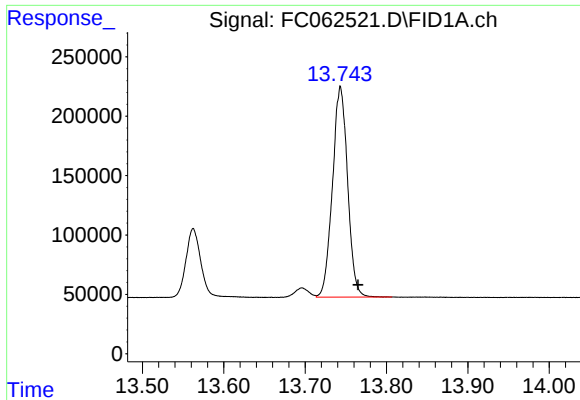
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: -0.021 min
Response: 2214399
Conc: 17.92 ug/ml



#12 1-chlorooctadecane (SURR)

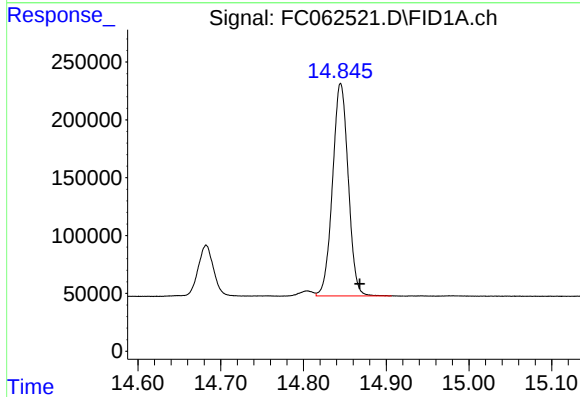
R.T.: 12.990 min
Delta R.T.: -0.021 min
Response: 1894908
Conc: 17.78 ug/ml



#13 n-Docosane (C22)

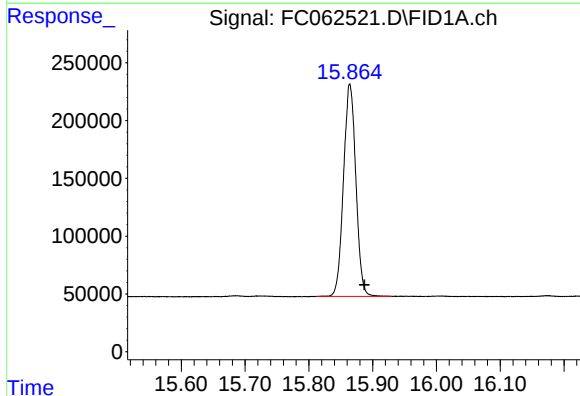
R.T.: 13.743 min
Delta R.T.: -0.022 min
Response: 2293905
Conc: 18.88 ug/ml

Instrument :
FID_C
ClientSampleId :



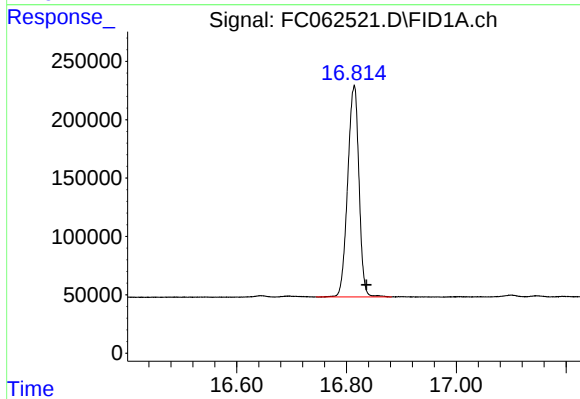
#14 n-Tetracosane (C24)

R.T.: 14.845 min
Delta R.T.: -0.023 min
Response: 2418311
Conc: 20.18 ug/ml



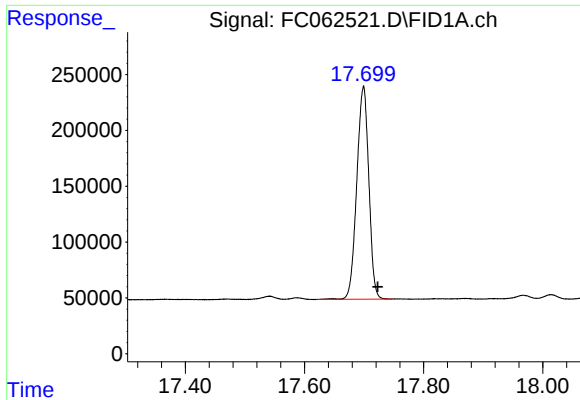
#15 n-Hexacosane (C26)

R.T.: 15.864 min
Delta R.T.: -0.023 min
Response: 2475472
Conc: 21.31 ug/ml



#16 n-Octacosane (C28)

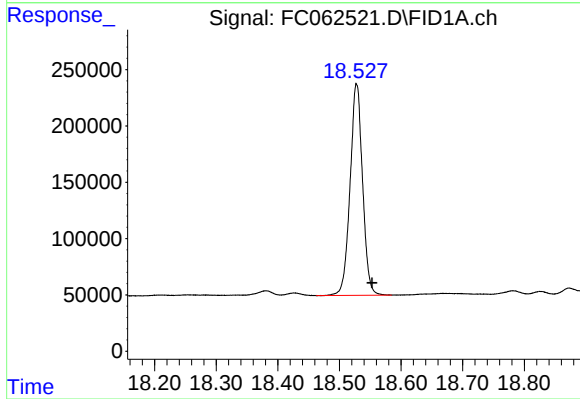
R.T.: 16.814 min
Delta R.T.: -0.022 min
Response: 2587302
Conc: 22.76 ug/ml



#17 n-Tricontane (C30)

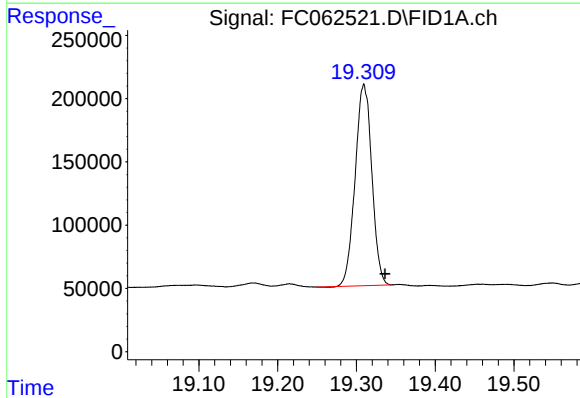
R.T.: 17.699 min
Delta R.T.: -0.024 min
Response: 2672262
Conc: 23.90 ug/ml

Instrument :
FID_C
ClientSampleId :



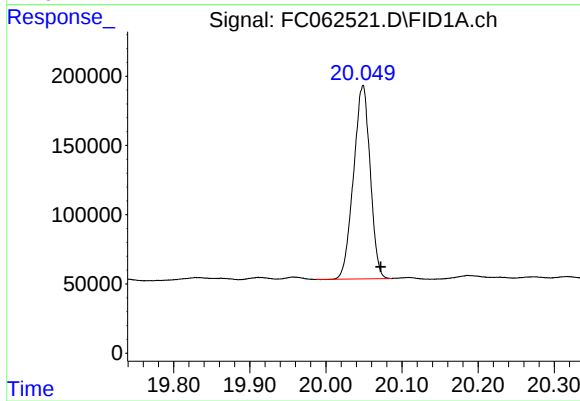
#18 n-Dotriacontane (C32)

R.T.: 18.528 min
Delta R.T.: -0.025 min
Response: 2644612
Conc: 23.80 ug/ml



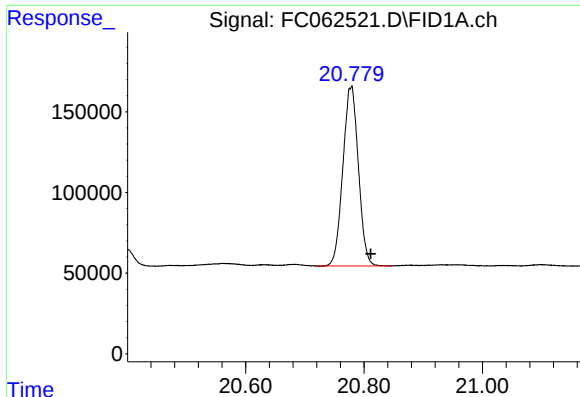
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min
Delta R.T.: -0.027 min
Response: 2340521
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

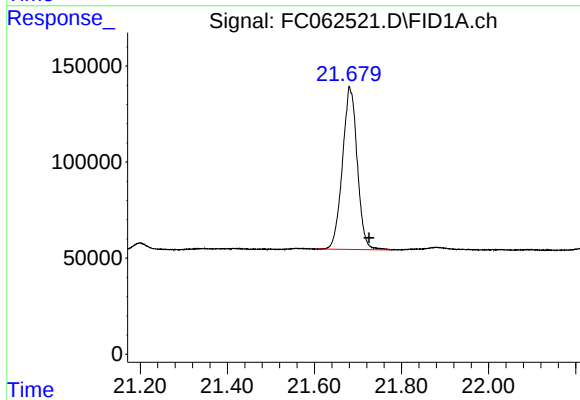
R.T.: 20.049 min
Delta R.T.: -0.023 min
Response: 2118495
Conc: 20.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.033 min
Response: 2025355
Conc: 19.80 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.681 min
Delta R.T.: -0.045 min
Response: 1996396
Conc: 19.70 ug/ml