

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102823AL\
 Data File : FC064940.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2023 19:12
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 28 02:10:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:05:03 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	2340740	10.836 ug/ml
Spiked Amount 50.000		Recovery =	21.67%
12) S 1-chlorooctadecane (S...	12.954	1681718	10.745 ug/ml
Spiked Amount 50.000		Recovery =	21.49%
Target Compounds			
1) T n-Nonane (C9)	3.324	1985919	10.721 ug/ml
2) T n-Decane (C10)	4.383	1990388	10.657 ug/ml
3) T A~Naphthalene (C11.7)	5.964	1975397	10.150 ug/ml
4) T n-Dodecane (C12)	6.391	2021191	10.676 ug/ml
5) T A~2-methylnaphthalene...	7.017	1869858	9.983 ug/ml
6) T n-Tetradecane (C14)	8.179	1983322	10.669 ug/ml
7) T n-Hexadecane (C16)	9.772	1985112	10.652 ug/ml
8) T n-Octadecane (C18)	11.208	2001714	10.781 ug/ml
10) T n-Eicosane (C20)	12.511	1916080	10.831 ug/ml
11) T n-Heneicosane (C21)	13.120	1873834	10.858 ug/ml
13) T n-Docosane (C22)	13.702	1831170	10.839 ug/ml
14) T n-Tetracosane (C24)	14.802	1770013	10.836 ug/ml
15) T n-Hexacosane (C26)	15.818	1715222	10.901 ug/ml
16) T n-Octacosane (C28)	16.763	1671606	10.943 ug/ml
17) T n-Tricontane (C30)	17.646	1695943	11.052 ug/ml
18) T n-Dotriacontane (C32)	18.475	1685465	11.073 ug/ml
19) T n-Tetratriacontane (C34)	19.254	1636437	11.043 ug/ml
20) T n-Hexatriacontane (C36)	19.992	1618213	11.024 ug/ml
21) T n-Octatriacontane (C38)	20.713	1591258	10.968 ug/ml
22) T n-Tetracontane (C40)	21.594	1570839	10.922 ug/ml

(f)=RT Delta > 1/2 Window

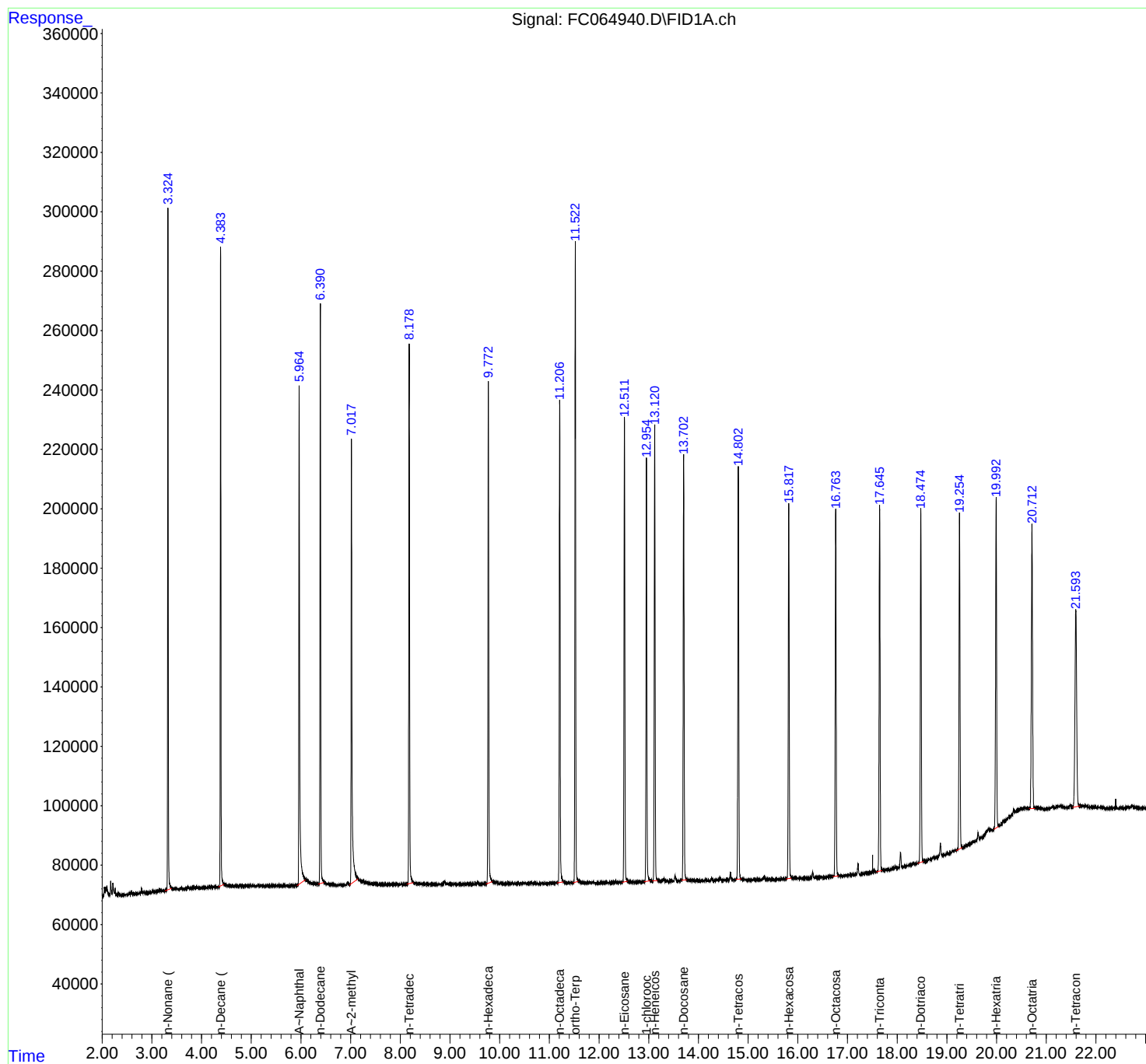
(m)=manual int.

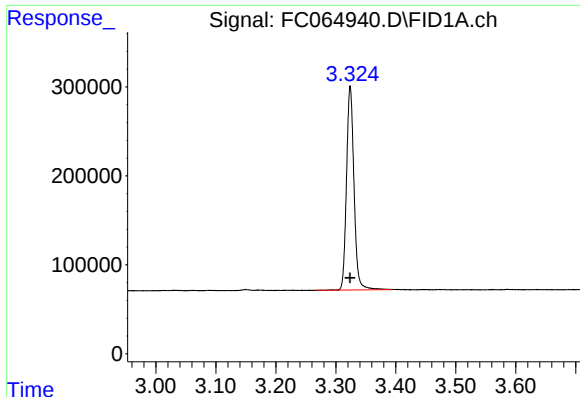
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102823AL\
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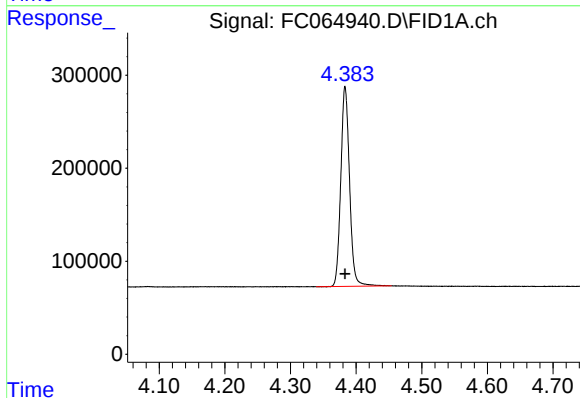




#1 n-Nonane (C9)

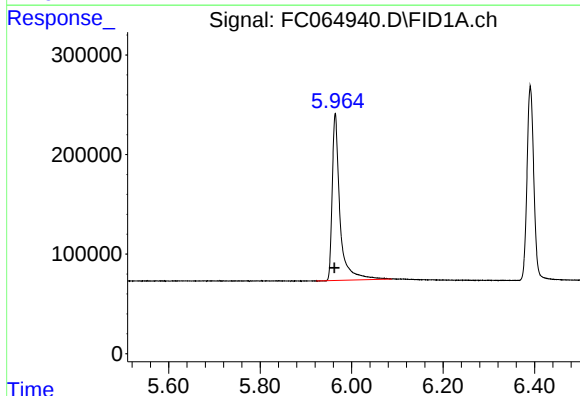
R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 1985919
Conc: 10.72 ug/ml

Instrument :
FID_C
ClientSampleId :



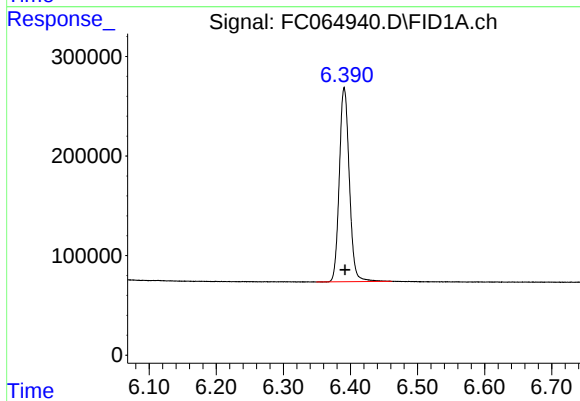
#2 n-Decane (C10)

R.T.: 4.383 min
Delta R.T.: 0.000 min
Response: 1990388
Conc: 10.66 ug/ml



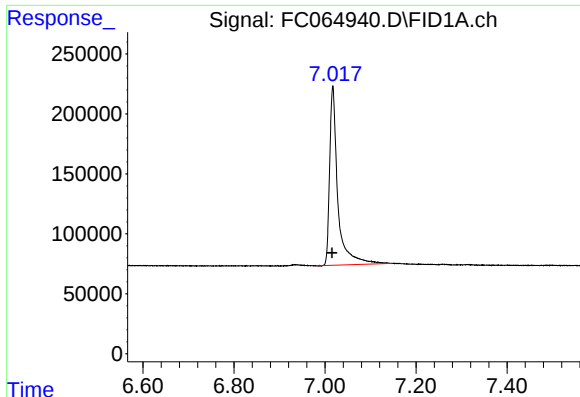
#3 A~Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 1975397
Conc: 10.15 ug/ml



#4 n-Dodecane (C12)

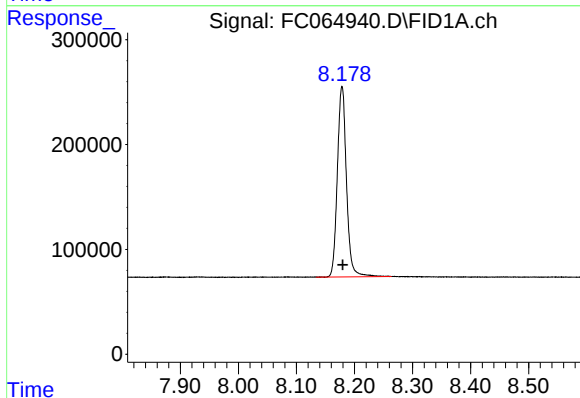
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 2021191
Conc: 10.68 ug/ml



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

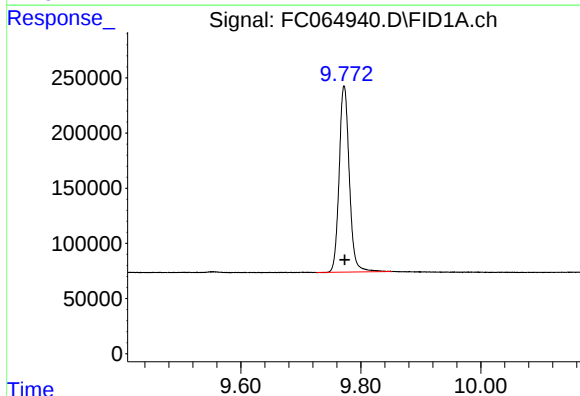
R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 1869858
Conc: 9.98 ug/ml

Instrument :
FID_C
ClientSampleId :



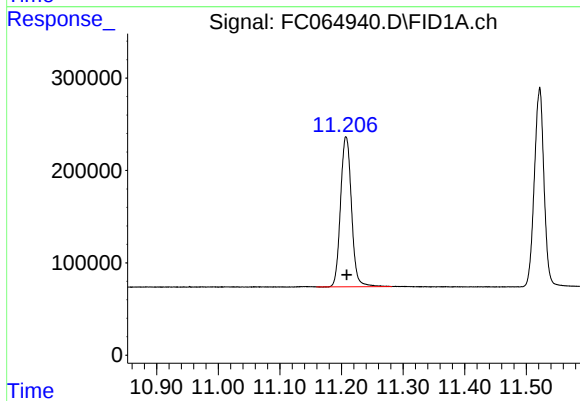
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.001 min
Response: 1983322
Conc: 10.67 ug/ml



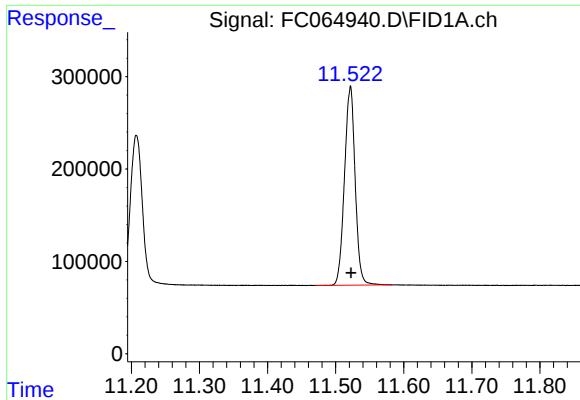
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: 0.000 min
Response: 1985112
Conc: 10.65 ug/ml



#8 n-Octadecane (C18)

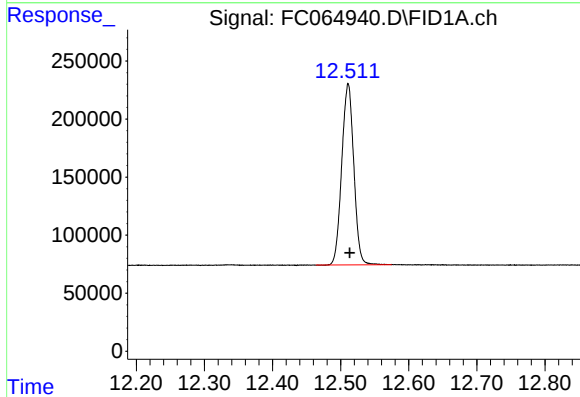
R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 2001714
Conc: 10.78 ug/ml



#9 ortho-Terphenyl (SURR)

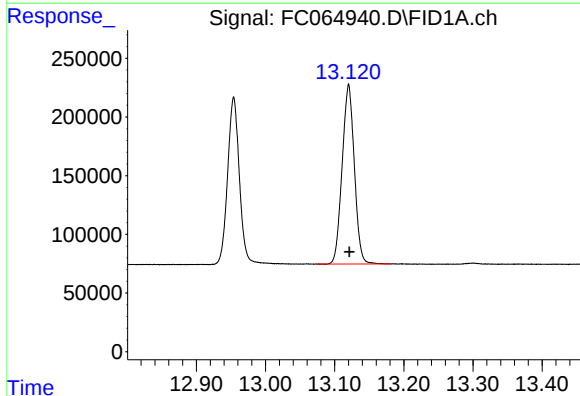
R.T.: 11.522 min
Delta R.T.: 0.000 min
Response: 2340740
Conc: 10.84 ug/ml

Instrument :
FID_C
ClientSampleId :



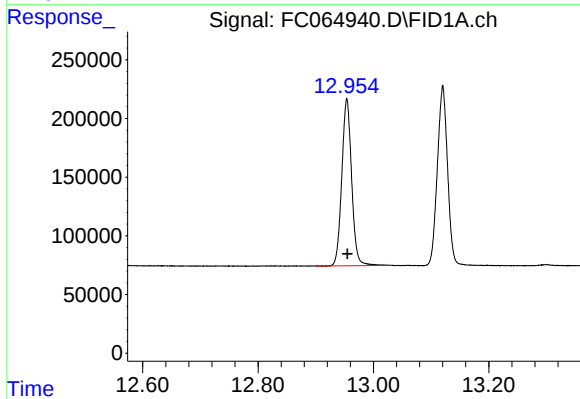
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: -0.002 min
Response: 1916080
Conc: 10.83 ug/ml



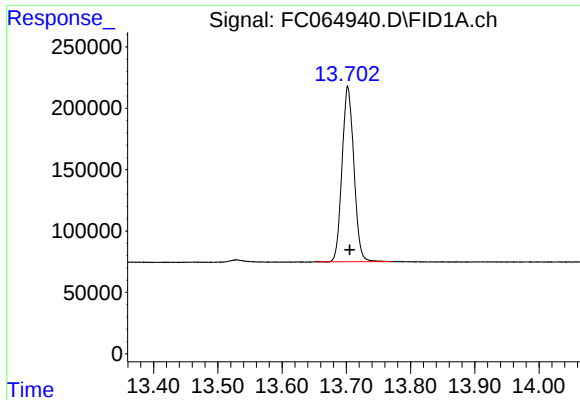
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: -0.001 min
Response: 1873834
Conc: 10.86 ug/ml



#12 1-chlorooctadecane (SURR)

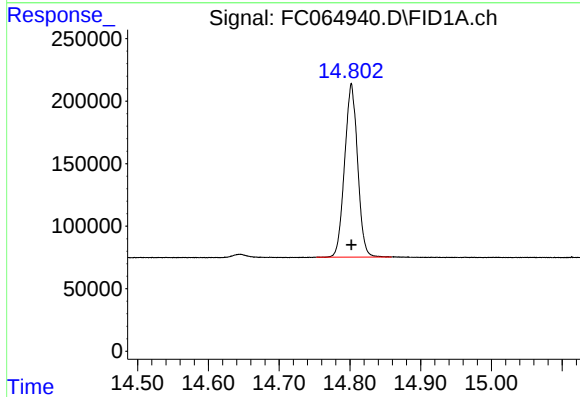
R.T.: 12.954 min
Delta R.T.: 0.000 min
Response: 1681718
Conc: 10.74 ug/ml



#13 n-Docosane (C22)

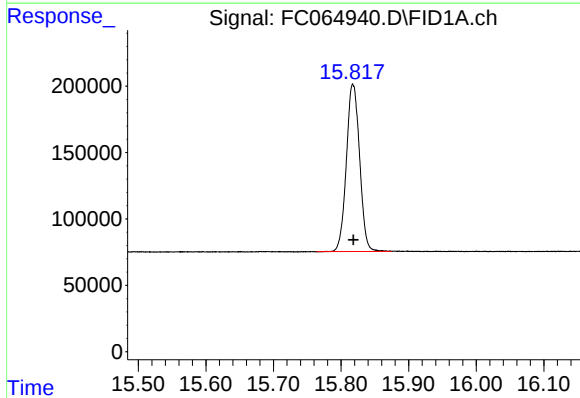
R.T.: 13.702 min
Delta R.T.: -0.003 min
Response: 1831170
Conc: 10.84 ug/ml

Instrument :
FID_C
ClientSampleId :



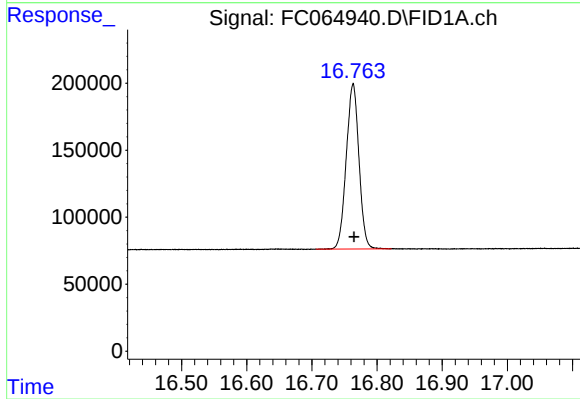
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: 0.000 min
Response: 1770013
Conc: 10.84 ug/ml



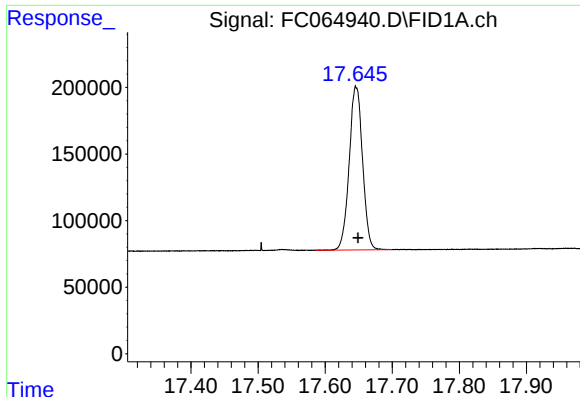
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: -0.001 min
Response: 1715222
Conc: 10.90 ug/ml



#16 n-Octacosane (C28)

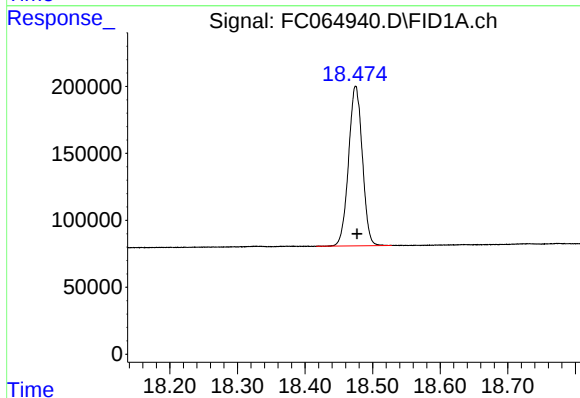
R.T.: 16.763 min
Delta R.T.: -0.001 min
Response: 1671606
Conc: 10.94 ug/ml



#17 n-Tricontane (C30)

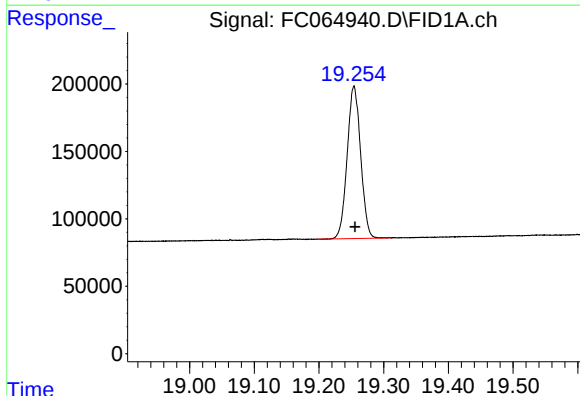
R.T.: 17.646 min
Delta R.T.: -0.003 min
Response: 1695943
Conc: 11.05 ug/ml

Instrument :
FID_C
ClientSampleId :



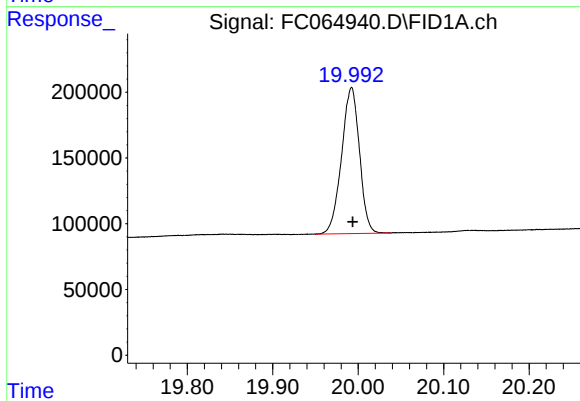
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: -0.002 min
Response: 1685465
Conc: 11.07 ug/ml



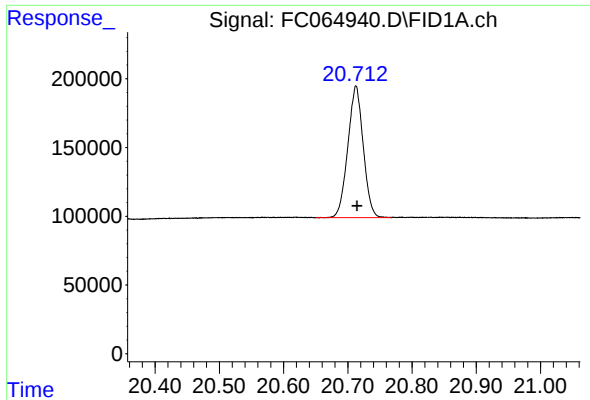
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min
Delta R.T.: -0.002 min
Response: 1636437
Conc: 11.04 ug/ml



#20 n-Hexatriacontane (C36)

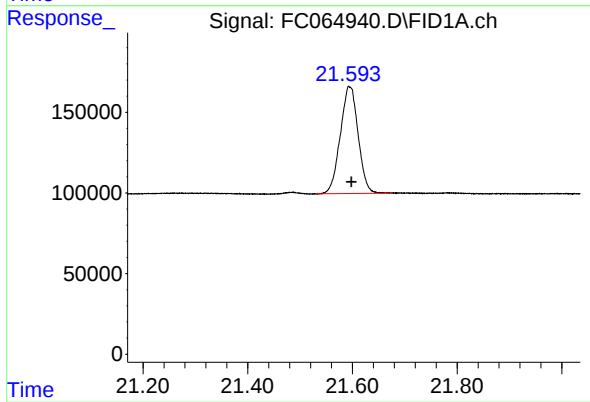
R.T.: 19.992 min
Delta R.T.: -0.001 min
Response: 1618213
Conc: 11.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.001 min
Response: 1591258
Conc: 10.97 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.594 min
Delta R.T.: -0.004 min
Response: 1570839
Conc: 10.92 ug/ml