

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021324AL\
 Data File : FC065730.D
 Signal(s) : FID1A.ch
 Acq On : 13 Feb 2024 09:04
 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: Feb 14 00:34:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 2024
 Response via : Initial Calibration
 Integrator: ChemStation

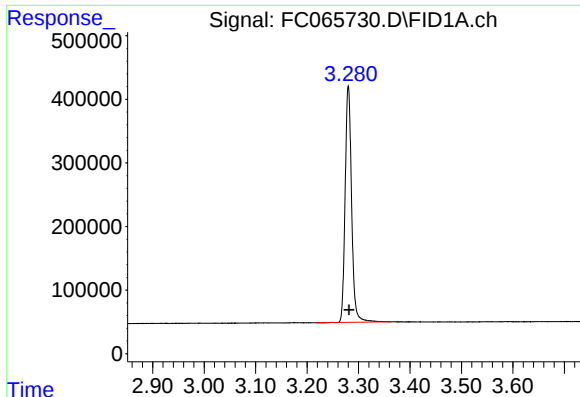
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.493	3669908	21.395 ug/ml
Spiked Amount 50.000		Recovery =	42.79%
12) S 1-chlorooctadecane (S...	12.925	2724185	21.646 ug/ml
Spiked Amount 50.000		Recovery =	43.29%
Target Compounds			
1) T n-Nonane (C9)	3.280	3238243	21.554 ug/ml
2) T n-Decane (C10)	4.343	3321288	21.844 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3358393	21.778 ug/ml
4) T n-Dodecane (C12)	6.357	3320991	21.699 ug/ml
5) T A~2-methylnaphthalene...	6.984	3248371	22.812 ug/ml
6) T n-Tetradecane (C14)	8.148	3217613	21.672 ug/ml
7) T n-Hexadecane (C16)	9.743	3291601	21.949 ug/ml
8) T n-Octadecane (C18)	11.179	3332769	21.606 ug/ml
10) T n-Eicosane (C20)	12.483	3228745	21.471 ug/ml
11) T n-Heneicosane (C21)	13.092	3195791	21.368 ug/ml
13) T n-Docosane (C22)	13.675	3195683	21.545 ug/ml
14) T n-Tetracosane (C24)	14.775	3212232	21.604 ug/ml
15) T n-Hexacosane (C26)	15.790	3213260	21.683 ug/ml
16) T n-Octacosane (C28)	16.736	3225460	21.982 ug/ml
17) T n-Tricontane (C30)	17.619	3366182	22.424 ug/ml
18) T n-Dotriacontane (C32)	18.449	3348314	22.641 ug/ml
19) T n-Tetratriacontane (C34)	19.229	3257983	22.478 ug/ml
20) T n-Hexatriacontane (C36)	19.966	3120878	21.987 ug/ml
21) T n-Octatriacontane (C38)	20.684	3079713	21.757 ug/ml
22) T n-Tetracontane (C40)	21.557	2997841	21.492 ug/ml

(f)=RT Delta > 1/2 Window

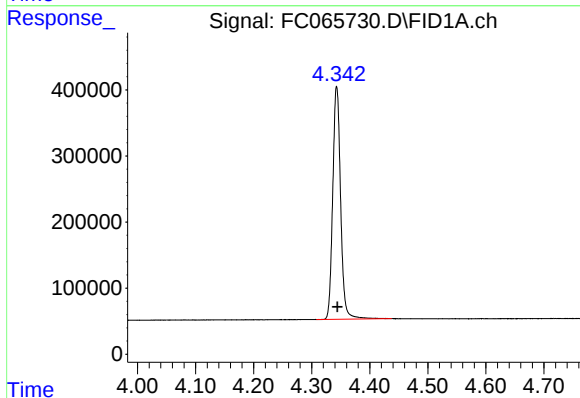
(m)=manual int.



#1 n-Nonane (C9)

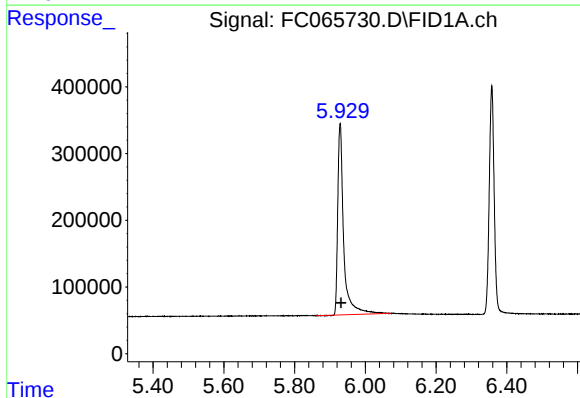
R.T.: 3.280 min
Delta R.T.: -0.002 min
Response: 3238243
Conc: 21.55 ug/ml

Instrument :
FID_C
ClientSampleId :



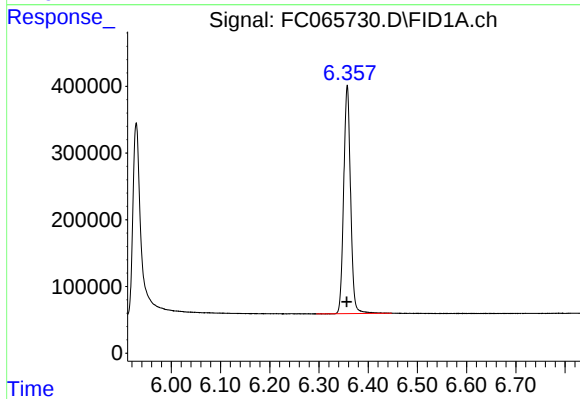
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 3321288
Conc: 21.84 ug/ml



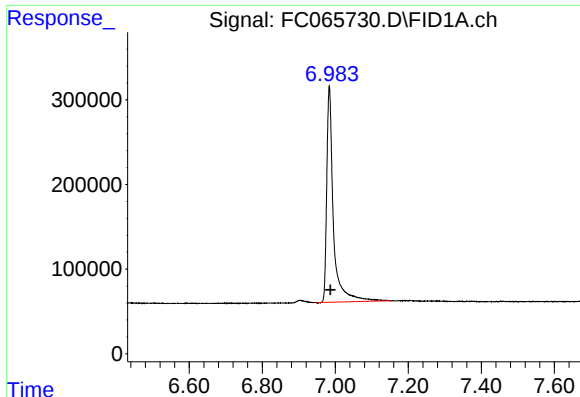
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.003 min
Response: 3358393
Conc: 21.78 ug/ml



#4 n-Dodecane (C12)

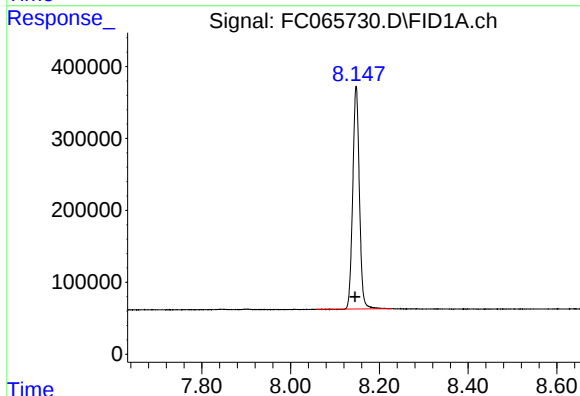
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 3320991
Conc: 21.70 ug/ml



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

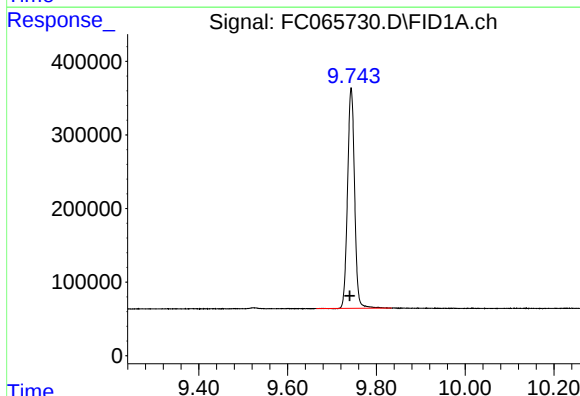
R.T.: 6.984 min
Delta R.T.: -0.003 min
Response: 3248371
Conc: 22.81 ug/ml

Instrument :
FID_C
ClientSampleId :



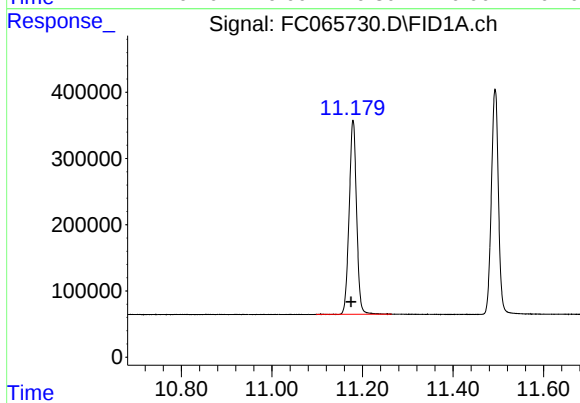
#6 n-Tetradecane (C14)

R.T.: 8.148 min
Delta R.T.: 0.002 min
Response: 3217613
Conc: 21.67 ug/ml



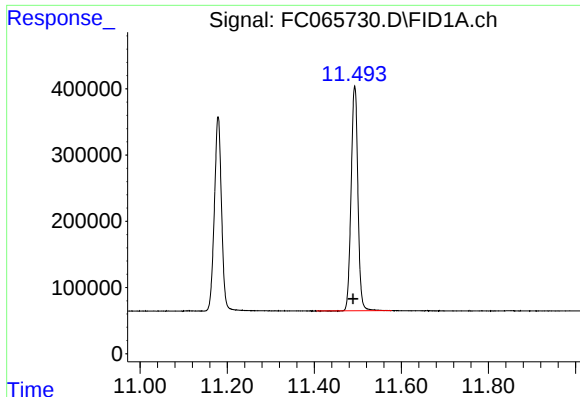
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.003 min
Response: 3291601
Conc: 21.95 ug/ml



#8 n-Octadecane (C18)

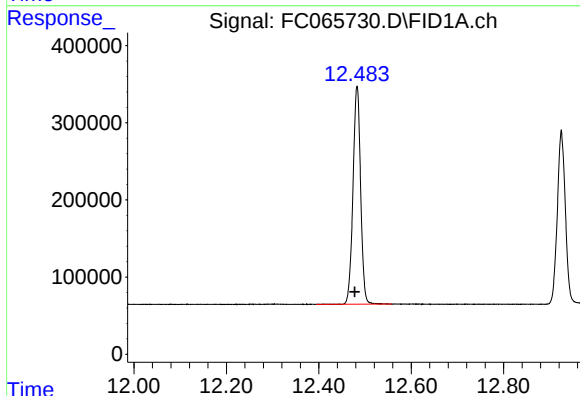
R.T.: 11.179 min
Delta R.T.: 0.005 min
Response: 3332769
Conc: 21.61 ug/ml



#9 ortho-Terphenyl (SURR)

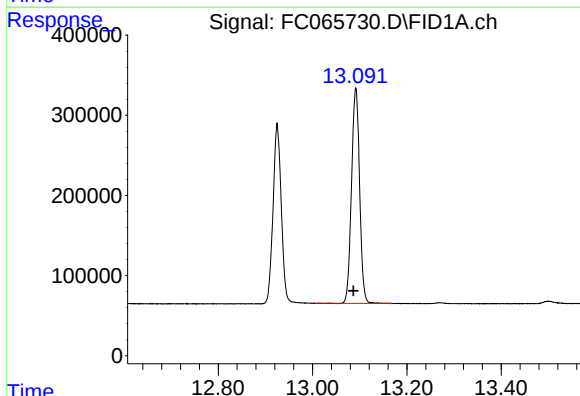
R.T.: 11.493 min
Delta R.T.: 0.004 min
Response: 3669908
Conc: 21.39 ug/ml

Instrument :
FID_C
ClientSampleId :



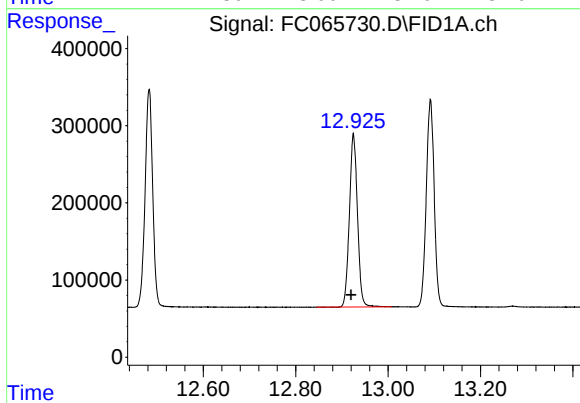
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.005 min
Response: 3228745
Conc: 21.47 ug/ml



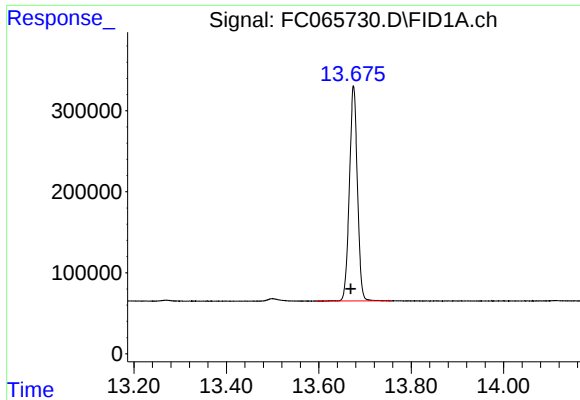
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: 0.005 min
Response: 3195791
Conc: 21.37 ug/ml



#12 1-chlorooctadecane (SURR)

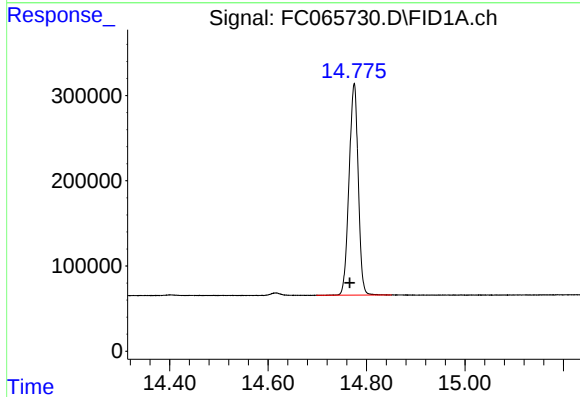
R.T.: 12.925 min
Delta R.T.: 0.005 min
Response: 2724185
Conc: 21.65 ug/ml



#13 n-Docosane (C22)

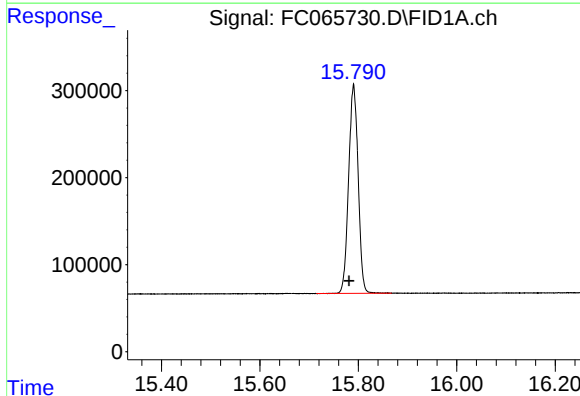
R.T.: 13.675 min
Delta R.T.: 0.006 min
Response: 3195683
Conc: 21.54 ug/ml

Instrument :
FID_C
ClientSampleId :



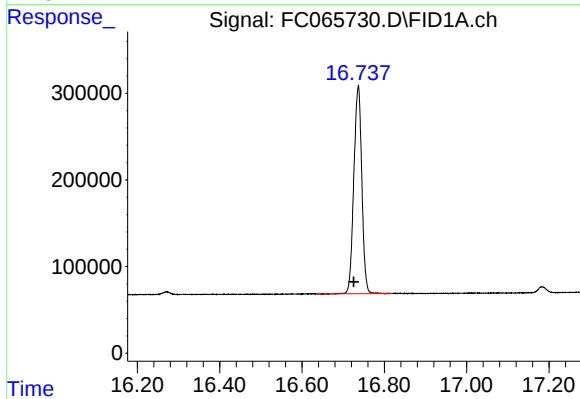
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: 0.009 min
Response: 3212232
Conc: 21.60 ug/ml



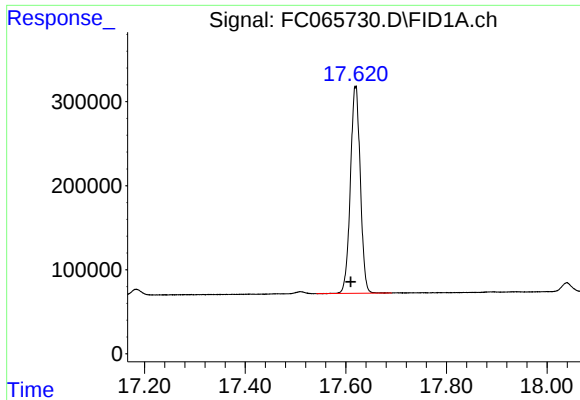
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.009 min
Response: 3213260
Conc: 21.68 ug/ml



#16 n-Octacosane (C28)

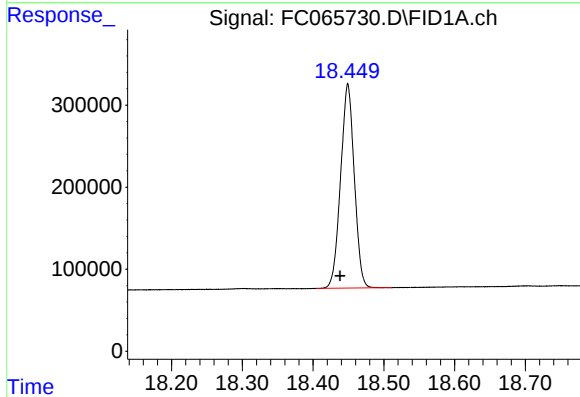
R.T.: 16.736 min
Delta R.T.: 0.010 min
Response: 3225460
Conc: 21.98 ug/ml



#17 n-Tricontane (C30)

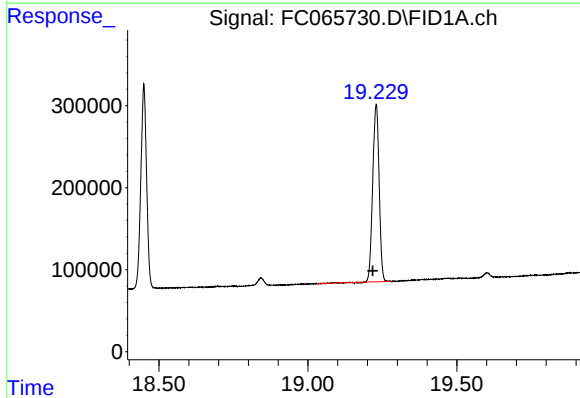
R.T.: 17.619 min
Delta R.T.: 0.009 min
Response: 3366182
Conc: 22.42 ug/ml

Instrument :
FID_C
ClientSampleId :



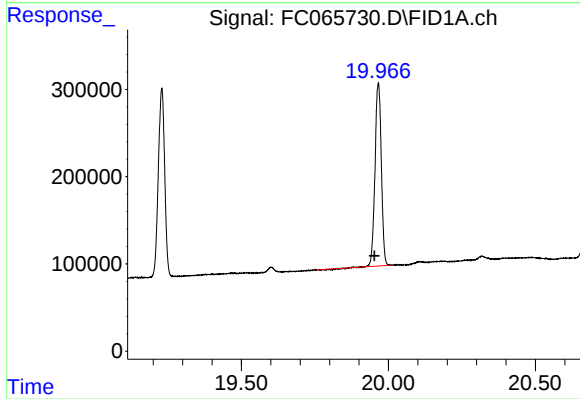
#18 n-Dotriacontane (C32)

R.T.: 18.449 min
Delta R.T.: 0.011 min
Response: 3348314
Conc: 22.64 ug/ml



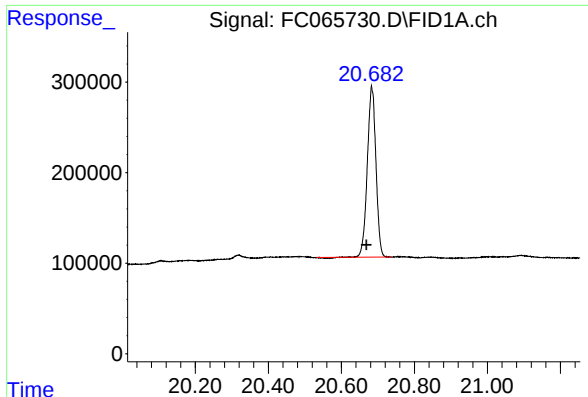
#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: 0.012 min
Response: 3257983
Conc: 22.48 ug/ml



#20 n-Hexatriacontane (C36)

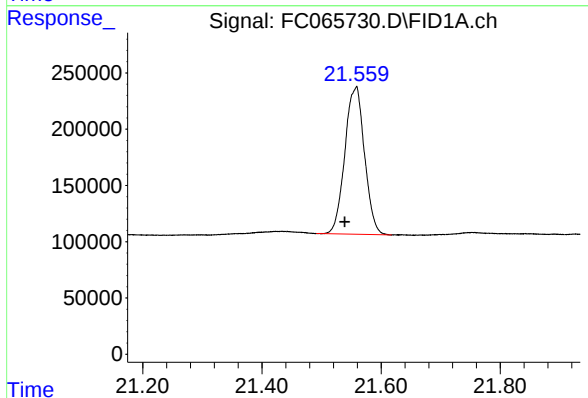
R.T.: 19.966 min
Delta R.T.: 0.013 min
Response: 3120878
Conc: 21.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.684 min
Delta R.T.: 0.015 min
Response: 3079713
Conc: 21.76 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.557 min
Delta R.T.: 0.018 min
Response: 2997841
Conc: 21.49 ug/ml