

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091024AL\
 Data File : FC067076.D
 Signal(s) : FID1A.ch
 Acq On : 09 Sep 2024 13:02
 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: Sep 11 02:54:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:43:38 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)	11.505	1489701	10.930 ug/ml
Spiked Amount 50.000		Recovery =	21.86%
12) S 1-chlorooctadecane (S...	12.943	1045740	10.792 ug/ml
Spiked Amount 50.000		Recovery =	21.58%
Target Compounds			
1) T n-Nonane (C9)	3.276	1393114	10.770 ug/ml
2) T n-Decane (C10)	4.341	1411514	10.751 ug/ml
3) T A~Naphthalene (C11.7)	5.921	1499437	10.734 ug/ml
4) T n-Dodecane (C12)	6.359	1403991	10.748 ug/ml
5) T A~2-methylnaphthalene...	6.977	1409620	10.694 ug/ml
6) T n-Tetradecane (C14)	8.153	1355374	10.750 ug/ml
7) T n-Hexadecane (C16)	9.752	1362371	10.785 ug/ml
8) T n-Octadecane (C18)	11.193	1361900	10.864 ug/ml
10) T n-Eicosane (C20)	12.501	1281349	10.877 ug/ml
11) T n-Heneicosane (C21)	13.112	1243307	10.835 ug/ml
13) T n-Docosane (C22)	13.698	1230448	10.853 ug/ml
14) T n-Tetracosane (C24)	14.800	1201402	10.778 ug/ml
15) T n-Hexacosane (C26)	15.820	1166617	10.714 ug/ml
16) T n-Octacosane (C28)	16.770	1130068	10.661 ug/ml
17) T n-Tricontane (C30)	17.656	1131282	10.623 ug/ml
18) T n-Dotriacontane (C32)	18.487	1082919	10.627 ug/ml
19) T n-Tetratriacontane (C34)	19.271	959742	10.640 ug/ml
20) T n-Hexatriacontane (C36)	20.009	834794	10.710 ug/ml
21) T n-Octatriacontane (C38)	20.735	790206	10.720 ug/ml
22) T n-Tetracontane (C40)	21.626	742517	10.815 ug/ml

(f)=RT Delta > 1/2 Window

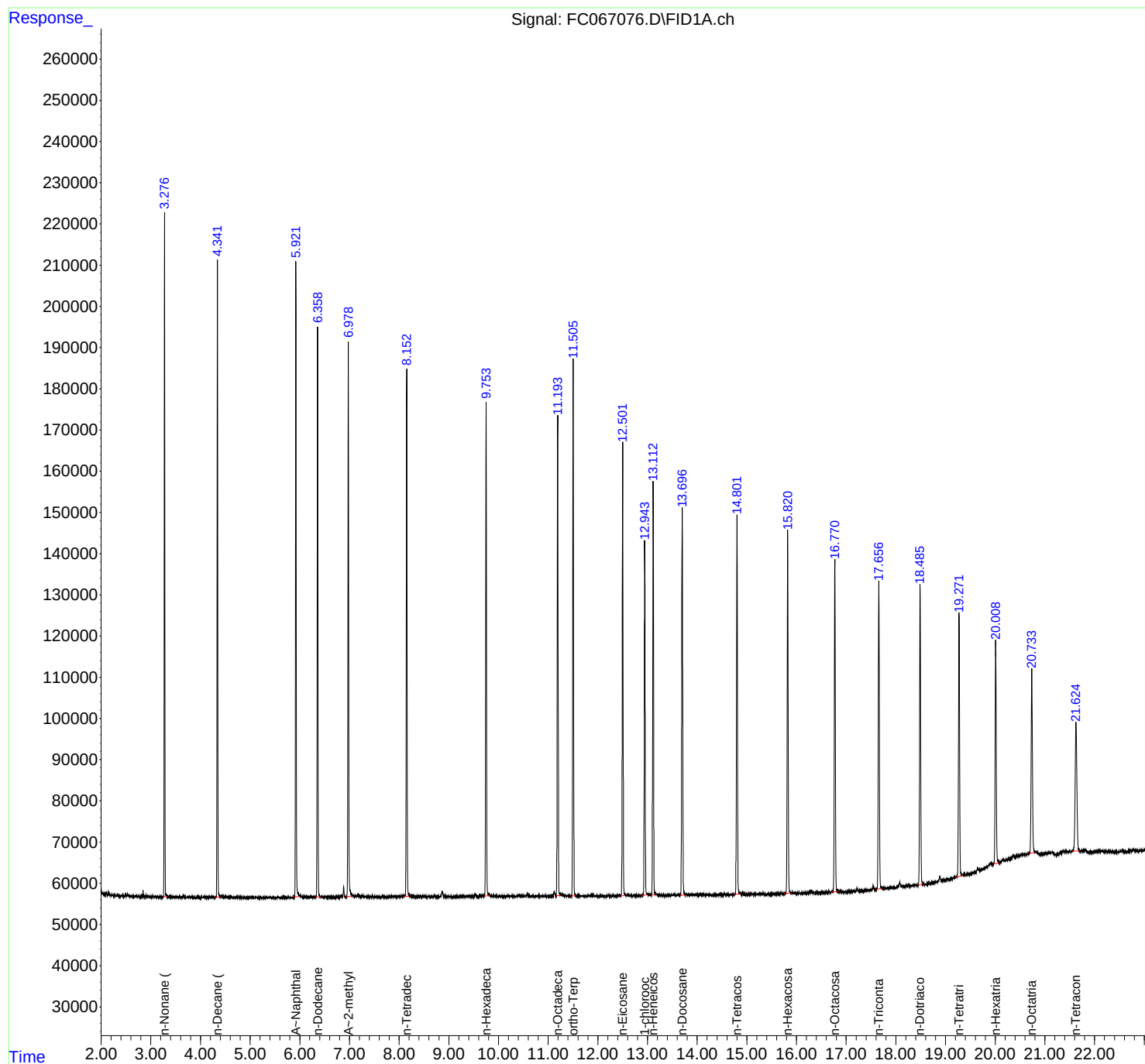
(m)=manual int.

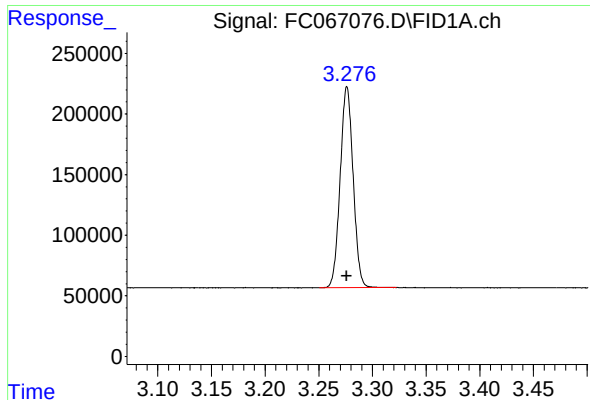
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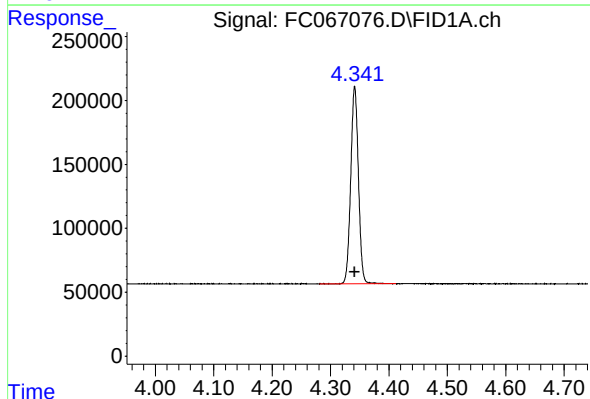




#1 n-Nonane (C9)

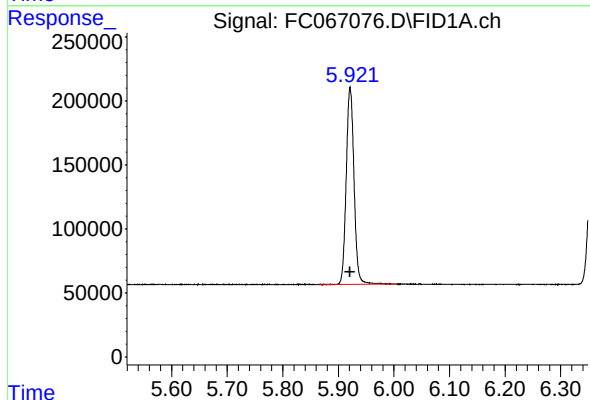
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 1393114
Conc: 10.77 ug/ml

Instrument :
FID_C
ClientSampleId :



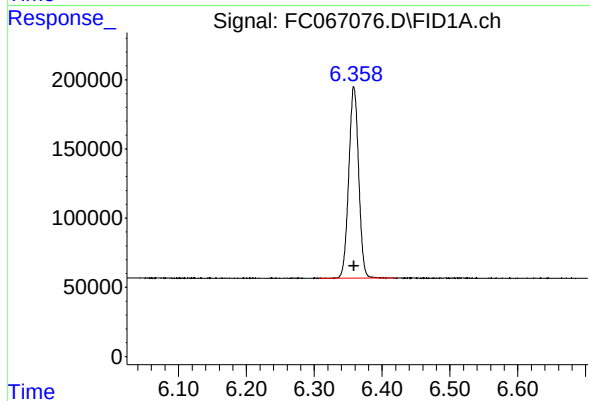
#2 n-Decane (C10)

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 1411514
Conc: 10.75 ug/ml



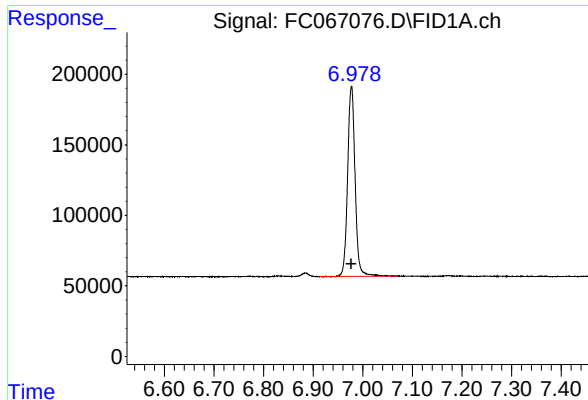
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1499437
Conc: 10.73 ug/ml



#4 n-Dodecane (C12)

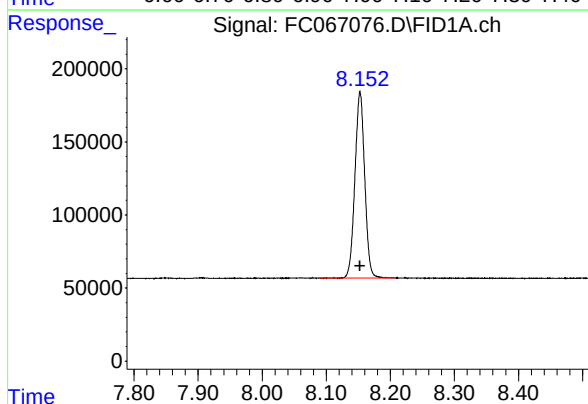
R.T.: 6.359 min
Delta R.T.: 0.000 min
Response: 1403991
Conc: 10.75 ug/ml



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

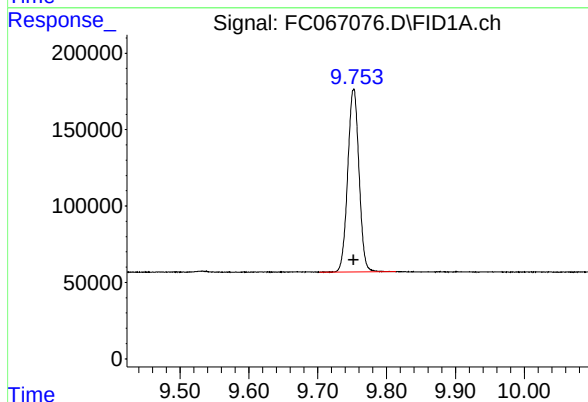
R.T.: 6.977 min
Delta R.T.: 0.000 min
Response: 1409620
Conc: 10.69 ug/ml

Instrument :
FID_C
ClientSampleId :



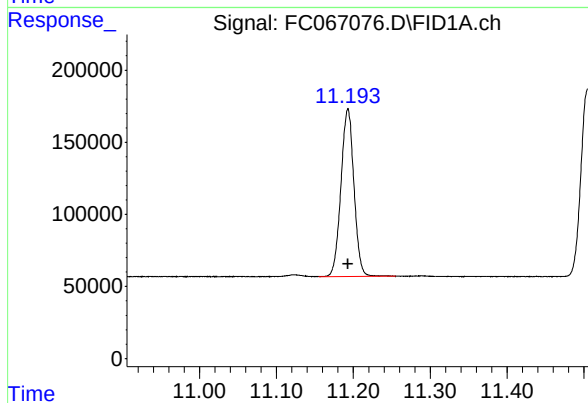
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 1355374
Conc: 10.75 ug/ml



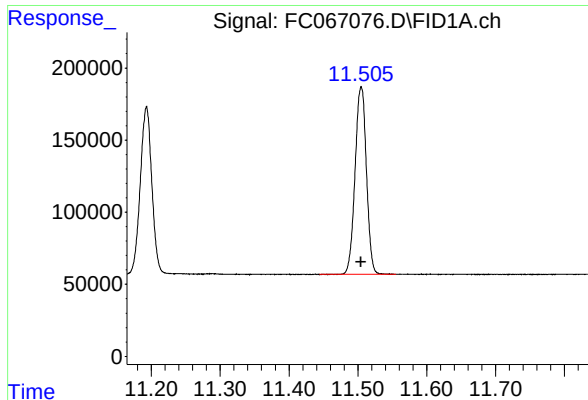
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 1362371
Conc: 10.78 ug/ml



#8 n-Octadecane (C18)

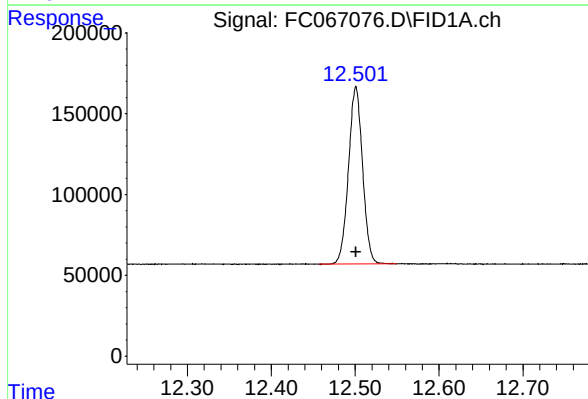
R.T.: 11.193 min
Delta R.T.: 0.000 min
Response: 1361900
Conc: 10.86 ug/ml



#9 ortho-Terphenyl (SURR)

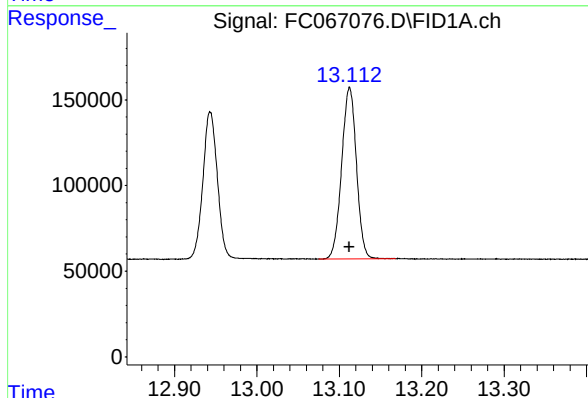
R.T.: 11.505 min
Delta R.T.: 0.000 min
Response: 1489701
Conc: 10.93 ug/ml

Instrument :
FID_C
ClientSampleId :



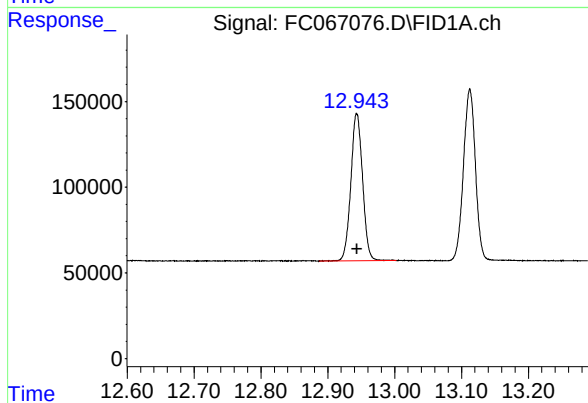
#10 n-Eicosane (C20)

R.T.: 12.501 min
Delta R.T.: 0.000 min
Response: 1281349
Conc: 10.88 ug/ml



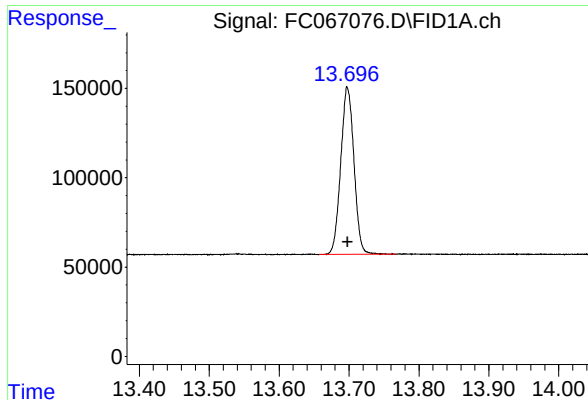
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 1243307
Conc: 10.84 ug/ml



#12 1-chlorooctadecane (SURR)

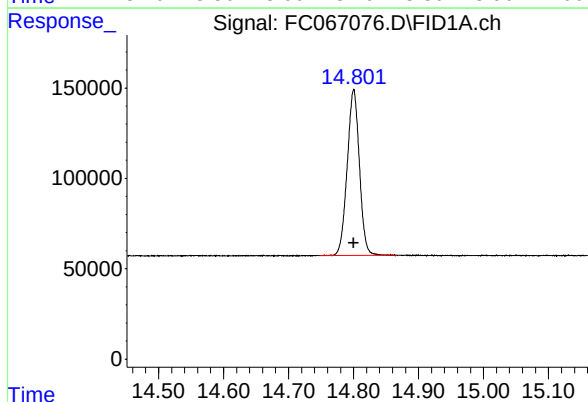
R.T.: 12.943 min
Delta R.T.: 0.000 min
Response: 1045740
Conc: 10.79 ug/ml



#13 n-Docosane (C22)

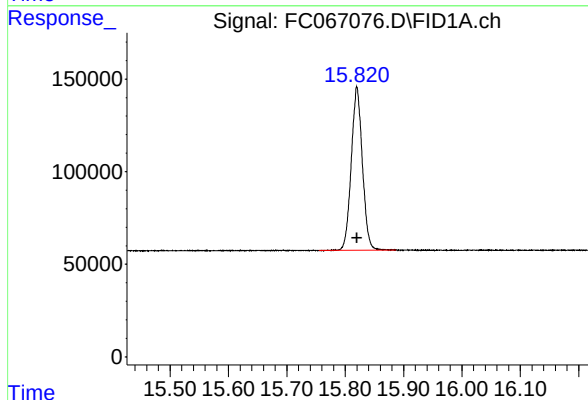
R.T.: 13.698 min
Delta R.T.: 0.000 min
Response: 1230448
Conc: 10.85 ug/ml

Instrument :
FID_C
ClientSampleId :



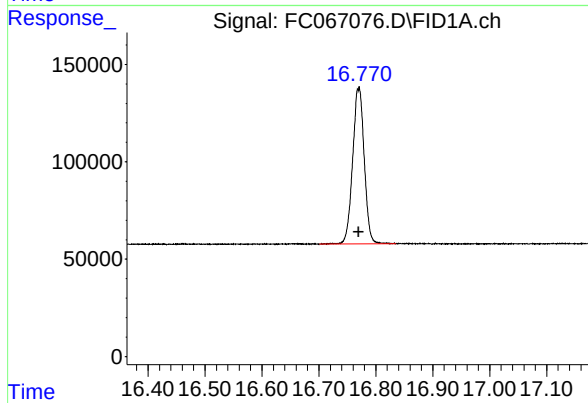
#14 n-Tetracosane (C24)

R.T.: 14.800 min
Delta R.T.: 0.000 min
Response: 1201402
Conc: 10.78 ug/ml



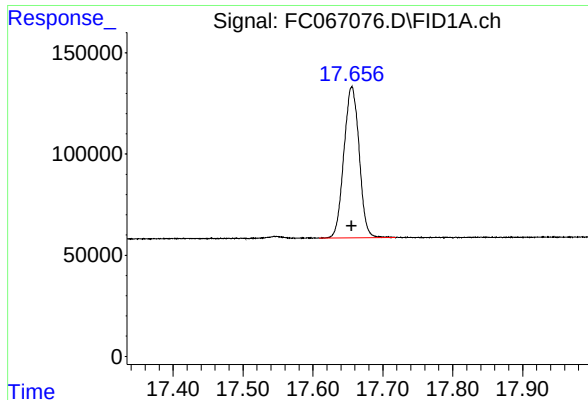
#15 n-Hexacosane (C26)

R.T.: 15.820 min
Delta R.T.: 0.000 min
Response: 1166617
Conc: 10.71 ug/ml



#16 n-Octacosane (C28)

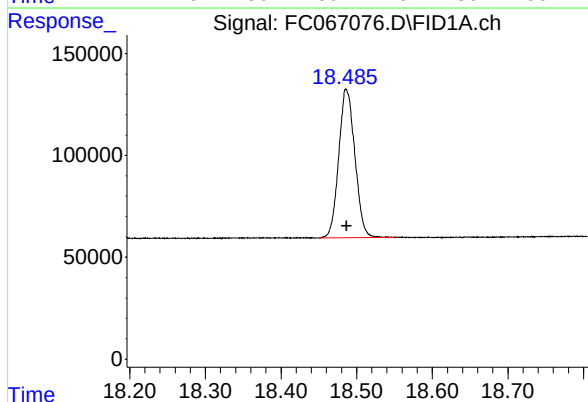
R.T.: 16.770 min
Delta R.T.: 0.000 min
Response: 1130068
Conc: 10.66 ug/ml



#17 n-Tricontane (C30)

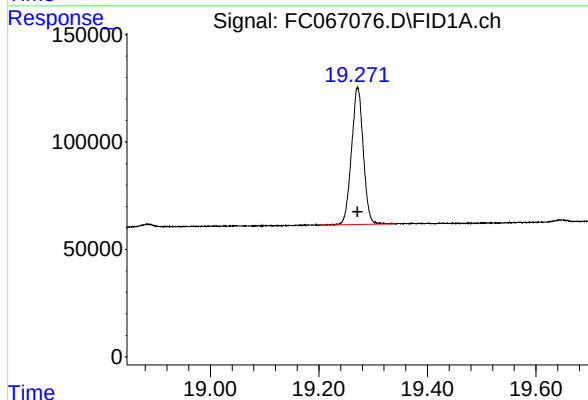
R.T.: 17.656 min
Delta R.T.: 0.000 min
Response: 1131282
Conc: 10.62 ug/ml

Instrument :
FID_C
ClientSampleId :



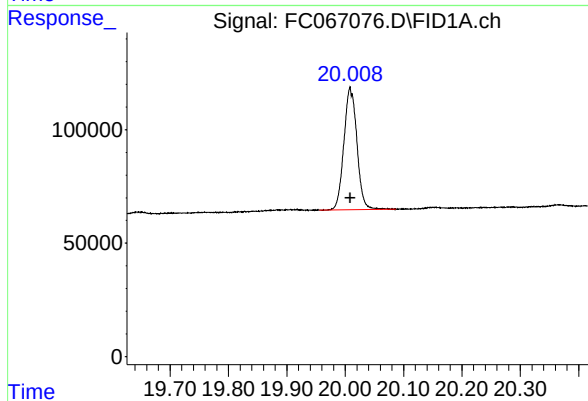
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: 0.000 min
Response: 1082919
Conc: 10.63 ug/ml



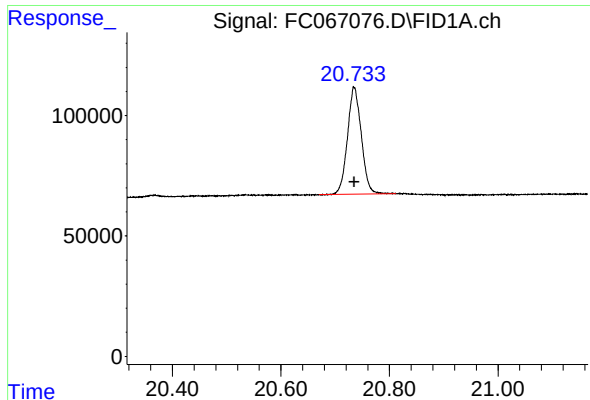
#19 n-Tetatriacontane (C34)

R.T.: 19.271 min
Delta R.T.: 0.000 min
Response: 959742
Conc: 10.64 ug/ml



#20 n-Hexatriacontane (C36)

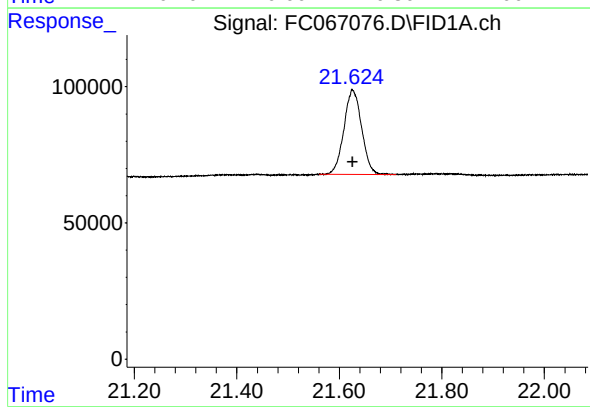
R.T.: 20.009 min
Delta R.T.: 0.000 min
Response: 834794
Conc: 10.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: 0.000 min
Response: 790206
Conc: 10.72 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.626 min
Delta R.T.: 0.000 min
Response: 742517
Conc: 10.81 ug/ml