

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020524AL\
 Data File : FC065635.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2024 19:05
 Operator : YP/AJ
 Sample : P1362-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-2MSD

Integration File: autoint1.e
 Quant Time: Feb 06 04:43:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010824.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 08 15:12:33 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	6608373	36.339 ug/ml
Spiked Amount 50.000		Recovery =	72.68%
12) S 1-chlorooctadecane (S...	12.924	5592519	41.489 ug/ml
Spiked Amount 50.000		Recovery =	82.98%
Target Compounds			
1) T n-Nonane (C9)	3.283	1764482	11.295 ug/ml
2) T n-Decane (C10)	4.346	2241058	14.166 ug/ml
3) T A~Naphthalene (C11.7)	5.932	3002403	17.954 ug/ml
4) T n-Dodecane (C12)	6.359	2992230	18.650 ug/ml
5) T A~2-methylnaphthalene...	6.987	3373297	21.860 ug/ml
6) T n-Tetradecane (C14)	8.149	3773344	24.058 ug/ml
7) T n-Hexadecane (C16)	9.743	5155441	32.237 ug/ml
8) T n-Octadecane (C18)	11.180	6046865	36.919 ug/ml
10) T n-Eicosane (C20)	12.483	6456773	40.537 ug/ml
11) T n-Heneicosane (C21)	13.091	6333051	40.365 ug/ml
13) T n-Docosane (C22)	13.674	6323228	40.499 ug/ml
14) T n-Tetracosane (C24)	14.770	13961929	89.828 ug/ml
15) T n-Hexacosane (C26)	15.789	6328248	41.222 ug/ml
16) T n-Octacosane (C28)	16.733	6504735	43.156 ug/ml
17) T n-Tricontane (C30)	17.618	6413439	41.992 ug/ml
18) T n-Dotriacontane (C32)	18.445	6441246	42.778 ug/ml
19) T n-Tetratriacontane (C34)	19.225	6111455	42.564 ug/ml
20) T n-Hexatriacontane (C36)	19.961	5840553	42.398 ug/ml
21) T n-Octatriacontane (C38)	20.679	5678857	41.046 ug/ml
22) T n-Tetracontane (C40)	21.549	5569916	40.254 ug/ml

(f)=RT Delta > 1/2 Window

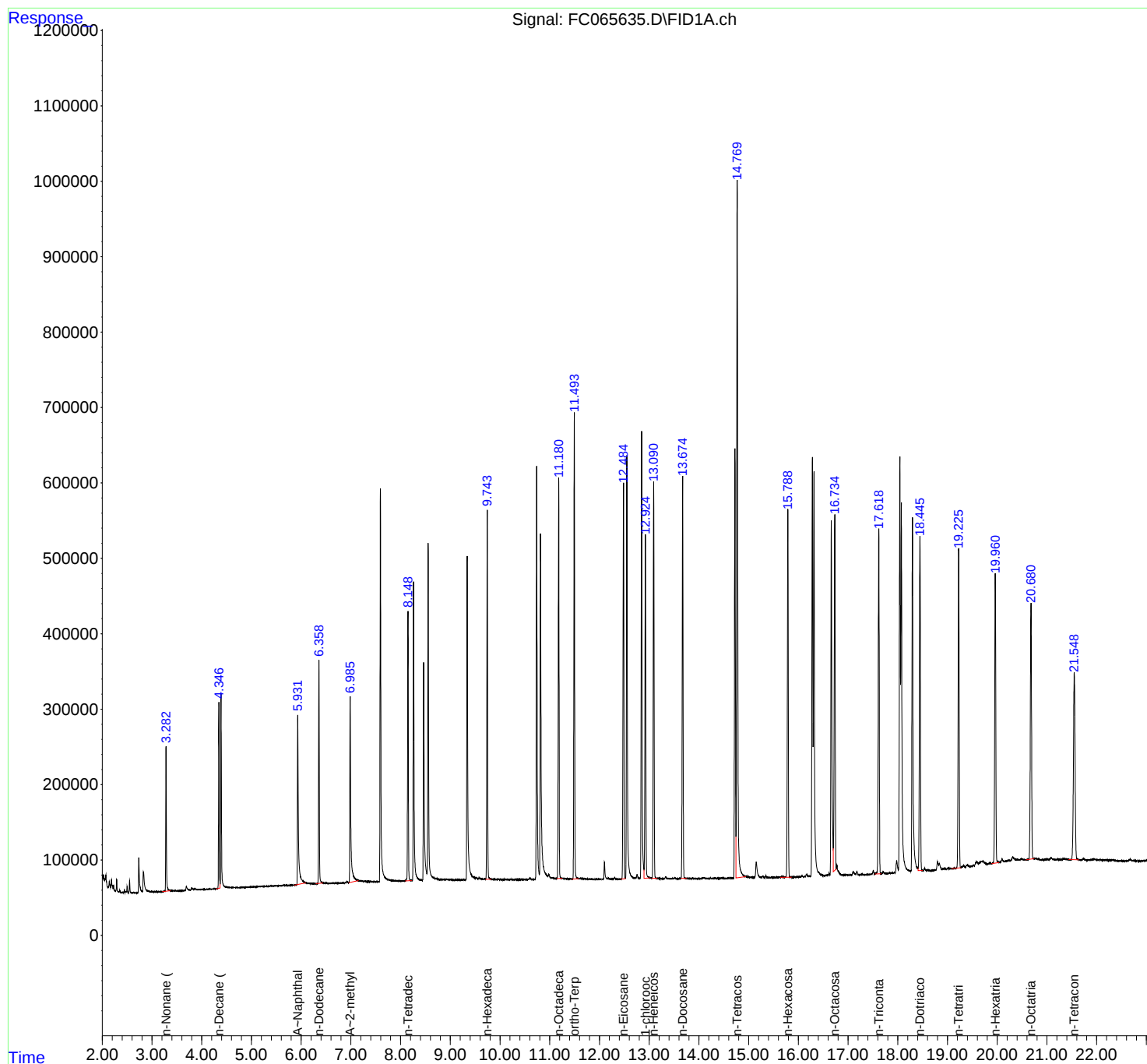
(m)=manual int.

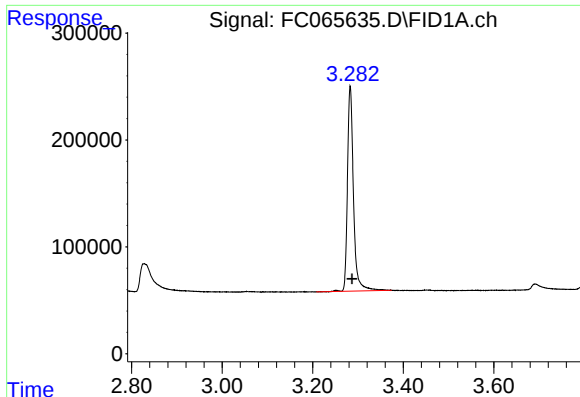
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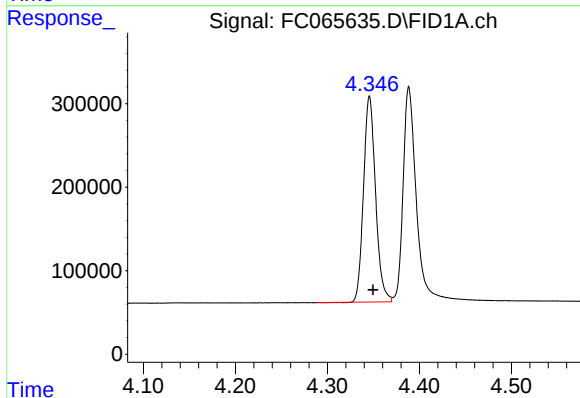




#1 n-Nonane (C9)

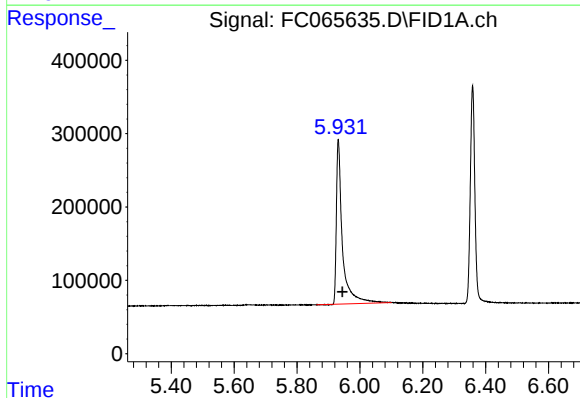
R.T.: 3.283 min
Delta R.T.: -0.004 min
Response: 1764482
Conc: 11.30 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-2MSD



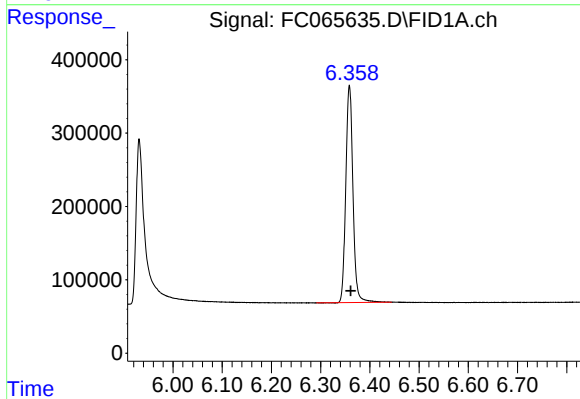
#2 n-Decane (C10)

R.T.: 4.346 min
Delta R.T.: -0.004 min
Response: 2241058
Conc: 14.17 ug/ml



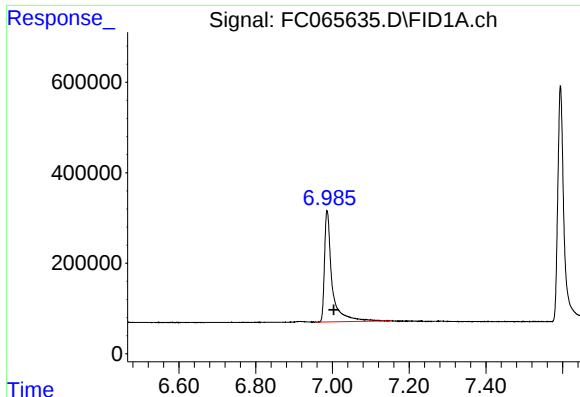
#3 A~Naphthalene (C11.7)

R.T.: 5.932 min
Delta R.T.: -0.013 min
Response: 3002403
Conc: 17.95 ug/ml



#4 n-Dodecane (C12)

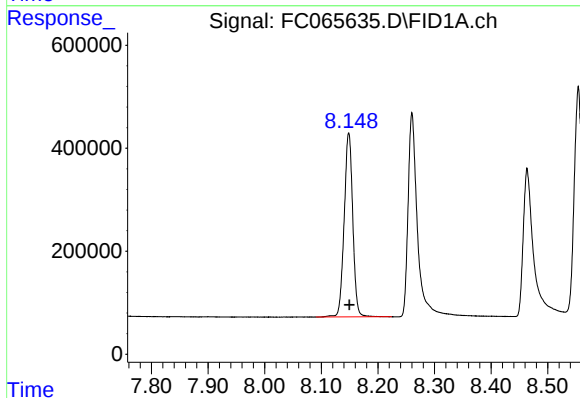
R.T.: 6.359 min
Delta R.T.: -0.003 min
Response: 2992230
Conc: 18.65 ug/ml



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

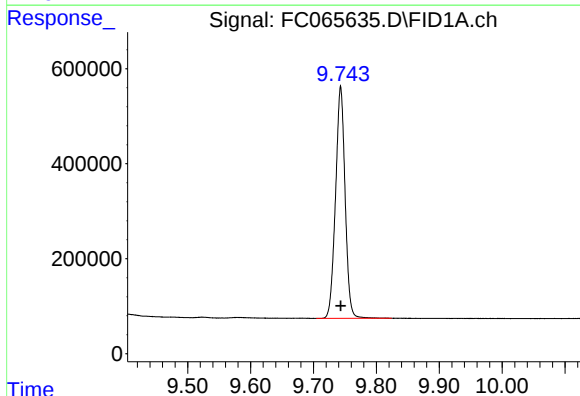
R.T.: 6.987 min
Delta R.T.: -0.017 min
Response: 3373297
Conc: 21.86 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-2MSD



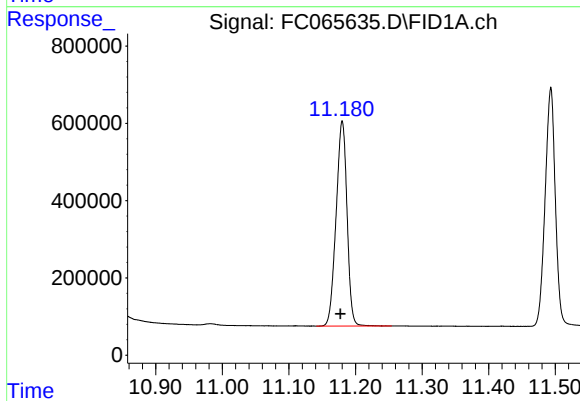
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: -0.001 min
Response: 3773344
Conc: 24.06 ug/ml



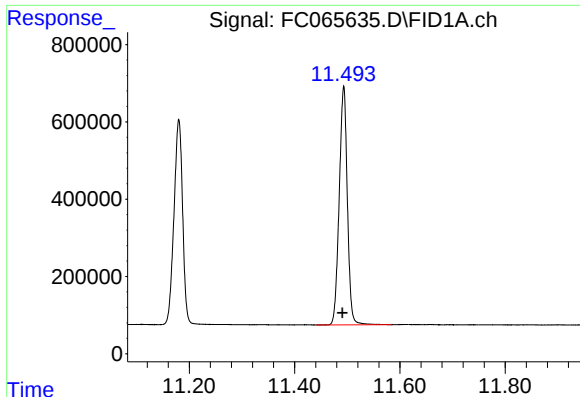
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 5155441
Conc: 32.24 ug/ml



#8 n-Octadecane (C18)

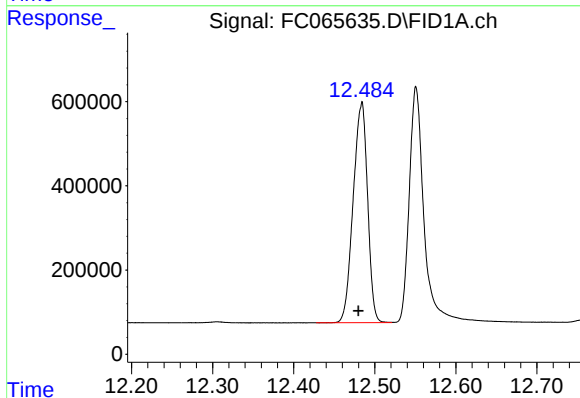
R.T.: 11.180 min
Delta R.T.: 0.003 min
Response: 6046865
Conc: 36.92 ug/ml



#9 ortho-Terphenyl (SURR)

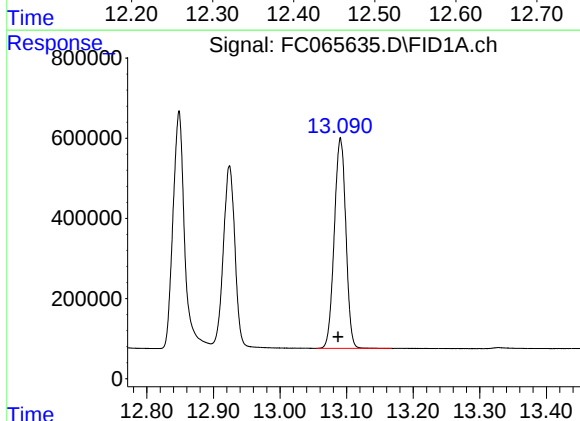
R.T.: 11.493 min
Delta R.T.: 0.002 min
Response: 6608373
Conc: 36.34 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-2MSD



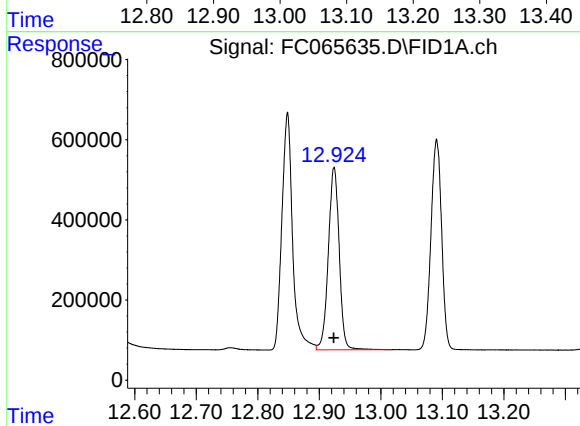
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.004 min
Response: 6456773
Conc: 40.54 ug/ml



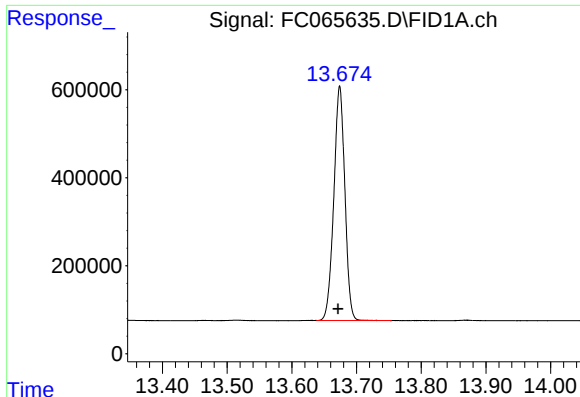
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: 0.003 min
Response: 6333051
Conc: 40.36 ug/ml



#12 1-chlorooctadecane (SURR)

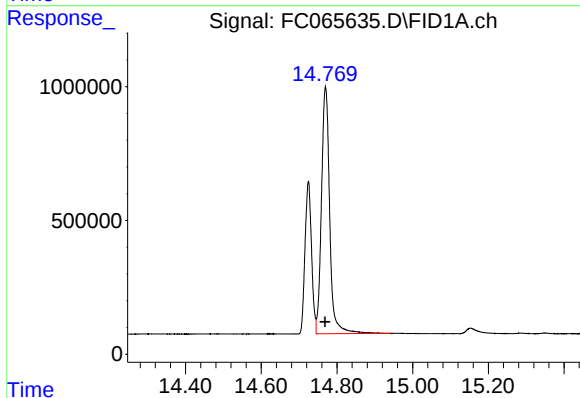
R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 5592519
Conc: 41.49 ug/ml



#13 n-Docosane (C22)

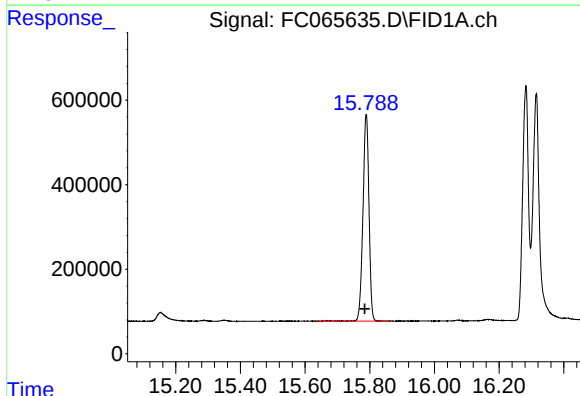
R.T.: 13.674 min
Delta R.T.: 0.003 min
Response: 6323228
Conc: 40.50 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-2MSD



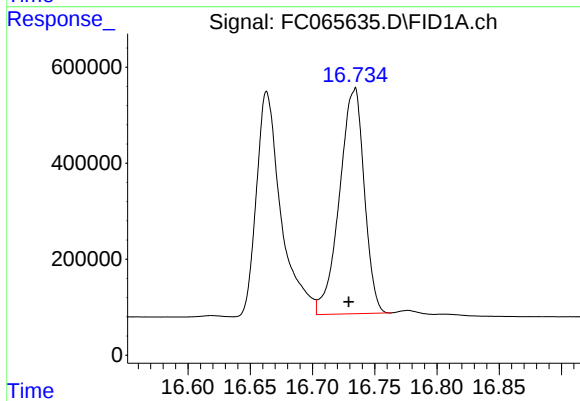
#14 n-Tetracosane (C24)

R.T.: 14.770 min
Delta R.T.: 0.001 min
Response: 13961929
Conc: 89.83 ug/ml



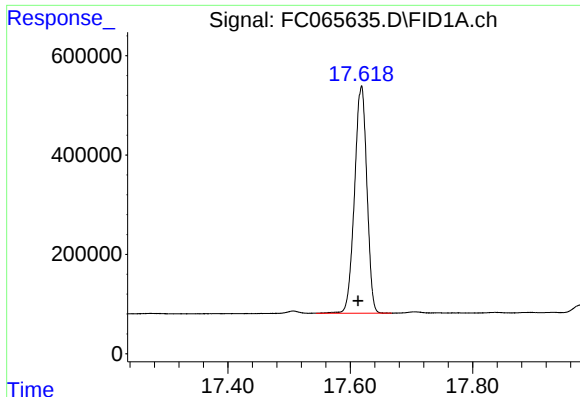
#15 n-Hexacosane (C26)

R.T.: 15.789 min
Delta R.T.: 0.004 min
Response: 6328248
Conc: 41.22 ug/ml



#16 n-Octacosane (C28)

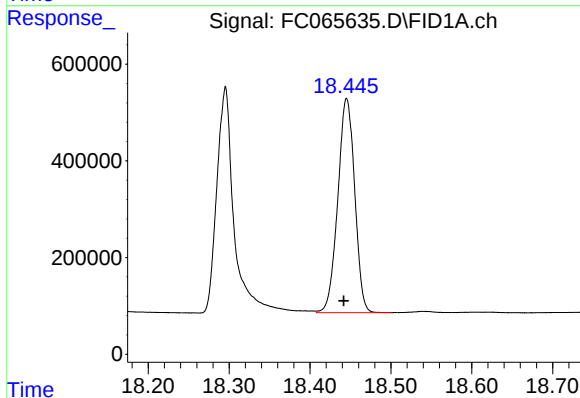
R.T.: 16.733 min
Delta R.T.: 0.004 min
Response: 6504735
Conc: 43.16 ug/ml



#17 n-Tricontane (C30)

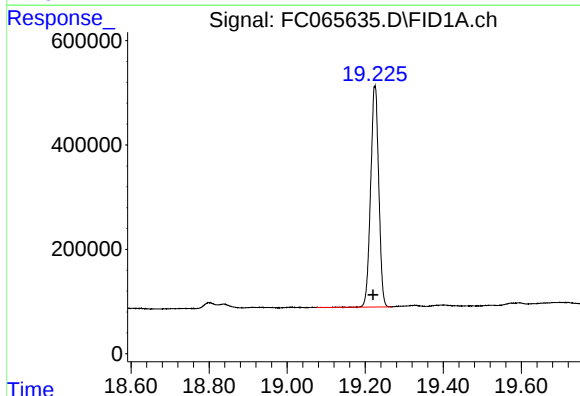
R.T.: 17.618 min
Delta R.T.: 0.005 min
Response: 6413439
Conc: 41.99 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-2MSD



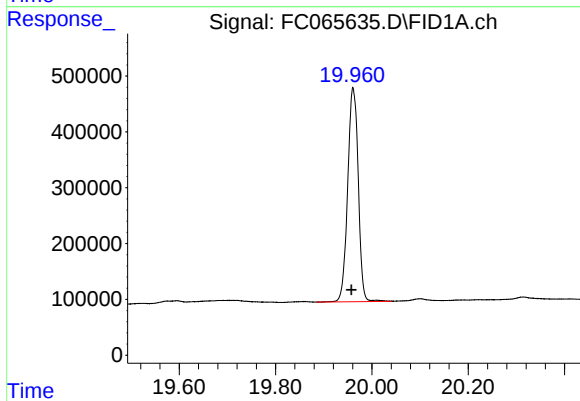
#18 n-Dotriacontane (C32)

R.T.: 18.445 min
Delta R.T.: 0.004 min
Response: 6441246
Conc: 42.78 ug/ml



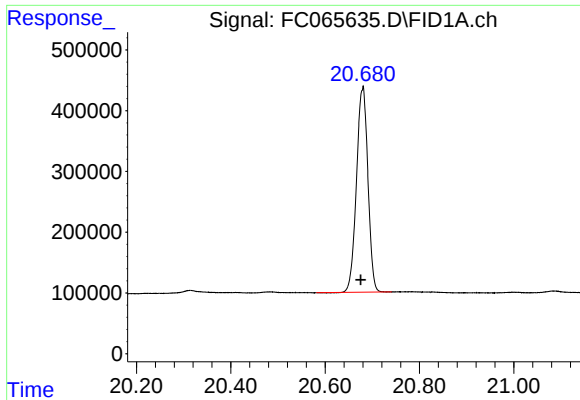
#19 n-Tetratriacontane (C34)

R.T.: 19.225 min
Delta R.T.: 0.005 min
Response: 6111455
Conc: 42.56 ug/ml



#20 n-Hexatriacontane (C36)

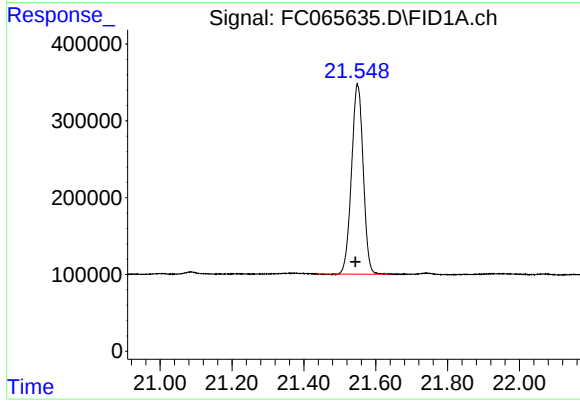
R.T.: 19.961 min
Delta R.T.: 0.004 min
Response: 5840553
Conc: 42.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.679 min
Delta R.T.: 0.004 min
Response: 5678857
Conc: 41.05 ug/ml

Instrument :
FID_C
ClientSampleId :
WC-2MSD



#22 n-Tetracontane (C40)

R.T.: 21.549 min
Delta R.T.: 0.006 min
Response: 5569916
Conc: 40.25 ug/ml