

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121423AL\
 Data File : FC065441.D
 Signal(s) : FID1A.ch
 Acq On : 14 Dec 2023 06:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 14 23:30:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 24 13:28:29 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)	11.499	4399529	18.963 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
12) S 1-chlorooctadecane (S...	12.931	3233495	19.528 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
Target Compounds			
1) T n-Nonane (C9)	3.300	3676220	18.359 ug/ml
2) T n-Decane (C10)	4.359	3849873	19.154 ug/ml
3) T A~Naphthalene (C11.7)	5.940	3833022	18.879 ug/ml
4) T n-Dodecane (C12)	6.369	3908526	19.220 ug/ml
5) T A~2-methylnaphthalene...	6.994	3679687	18.932 ug/ml
6) T n-Tetradecane (C14)	8.157	3800279	19.122 ug/ml
7) T n-Hexadecane (C16)	9.751	3792738	19.147 ug/ml
8) T n-Octadecane (C18)	11.186	3788408	19.127 ug/ml
10) T n-Eicosane (C20)	12.489	3631831	19.192 ug/ml
11) T n-Heneicosane (C21)	13.099	3539013	19.153 ug/ml
13) T n-Docosane (C22)	13.681	3542402	19.635 ug/ml
14) T n-Tetracosane (C24)	14.778	3548282	20.466 ug/ml
15) T n-Hexacosane (C26)	15.794	3509924	21.079 ug/ml
16) T n-Octacosane (C28)	16.740	3552780	22.213 ug/ml
17) T n-Tricontane (C30)	17.622	3703512	23.259 ug/ml
18) T n-Dotriacontane (C32)	18.452	3706575	23.578 ug/ml
19) T n-Tetratriacontane (C34)	19.233	3391316	21.976 ug/ml
20) T n-Hexatriacontane (C36)	19.966	3201424	20.885 ug/ml
21) T n-Octatriacontane (C38)	20.685	3069409	20.185 ug/ml
22) T n-Tetracontane (C40)	21.561	2953322	19.701 ug/ml

(f)=RT Delta > 1/2 Window

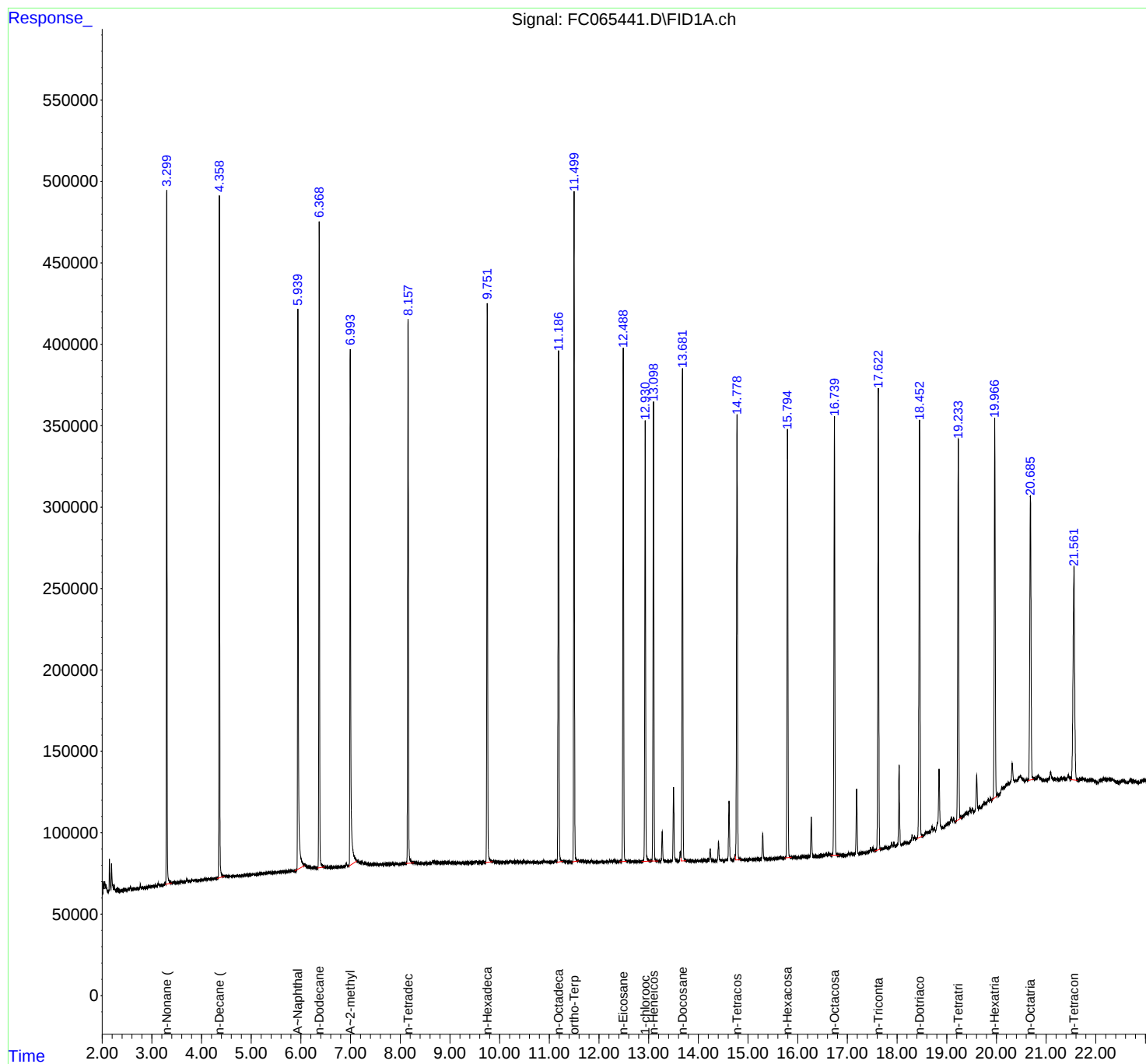
(m)=manual int.

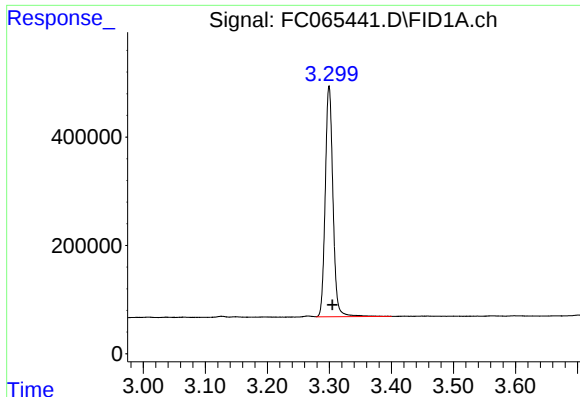
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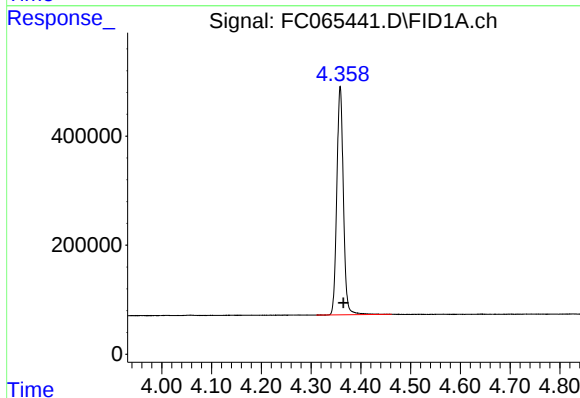




#1 n-Nonane (C9)

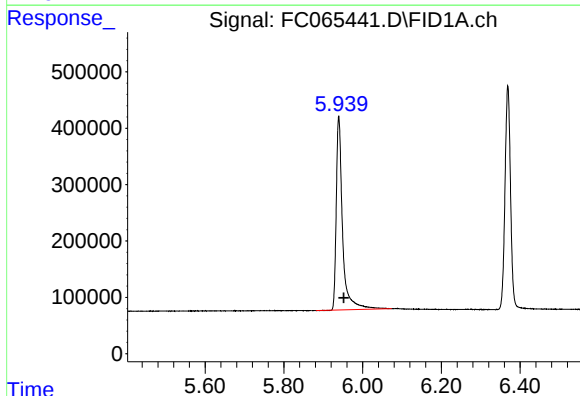
R.T.: 3.300 min
Delta R.T.: -0.005 min
Response: 3676220
Conc: 18.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



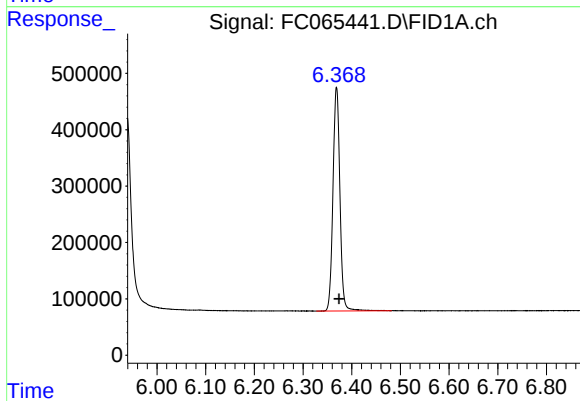
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: -0.006 min
Response: 3849873
Conc: 19.15 ug/ml



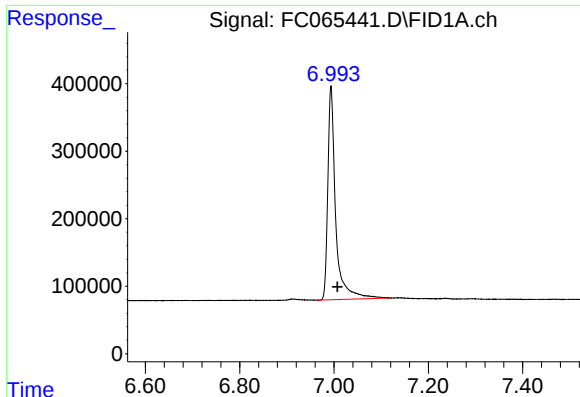
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 3833022
Conc: 18.88 ug/ml



#4 n-Dodecane (C12)

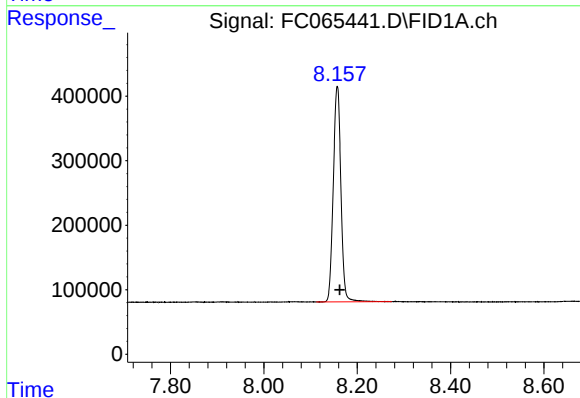
R.T.: 6.369 min
Delta R.T.: -0.005 min
Response: 3908526
Conc: 19.22 ug/ml



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

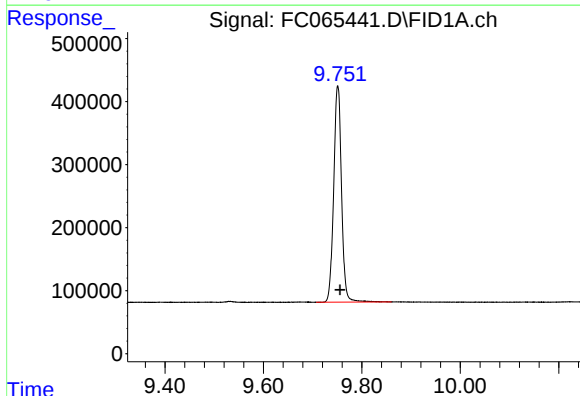
R.T.: 6.994 min
Delta R.T.: -0.013 min
Response: 3679687
Conc: 18.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



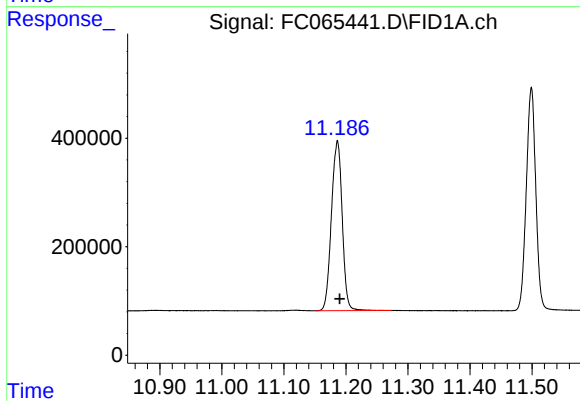
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: -0.005 min
Response: 3800279
Conc: 19.12 ug/ml



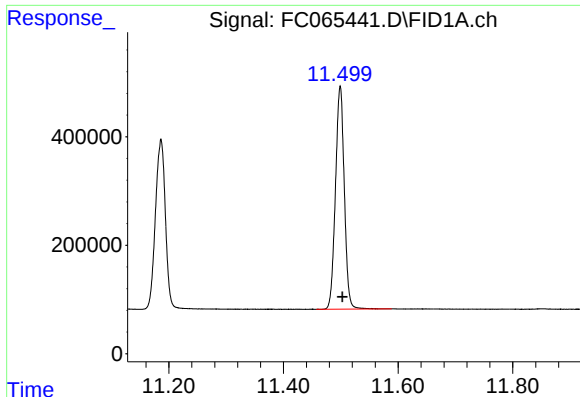
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: -0.005 min
Response: 3792738
Conc: 19.15 ug/ml



#8 n-Octadecane (C18)

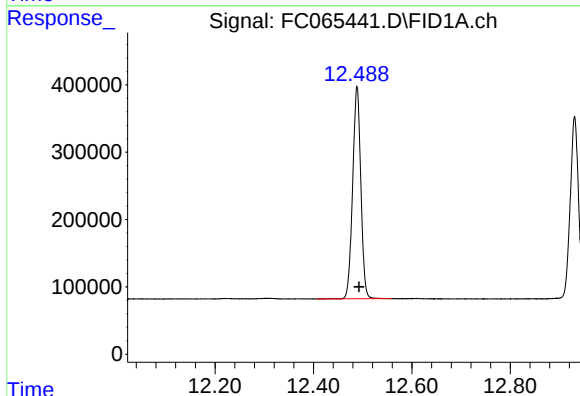
R.T.: 11.186 min
Delta R.T.: -0.004 min
Response: 3788408
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

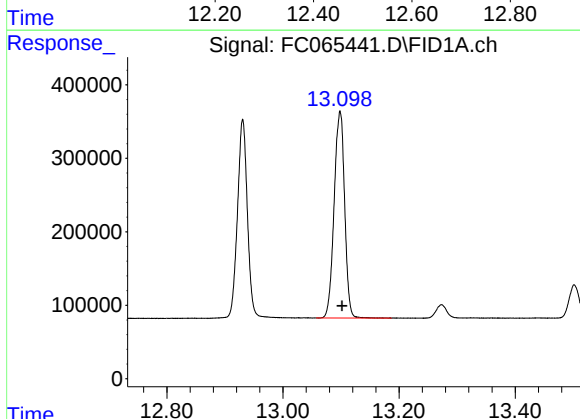
R.T.: 11.499 min
Delta R.T.: -0.004 min
Response: 4399529
Conc: 18.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



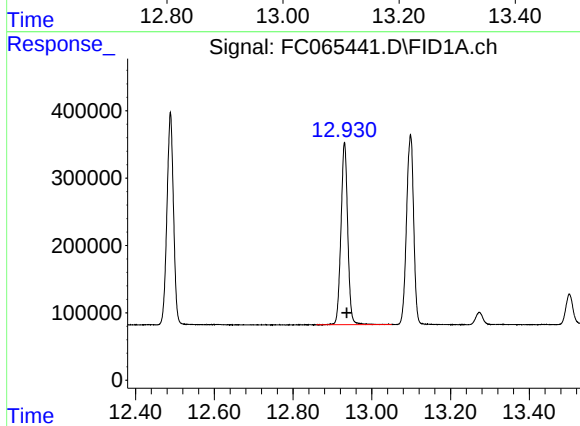
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.004 min
Response: 3631831
Conc: 19.19 ug/ml



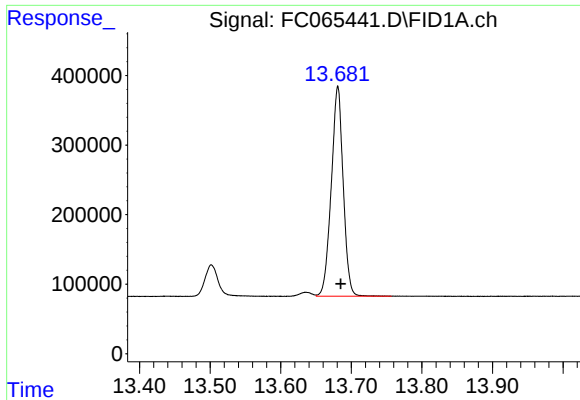
#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: -0.004 min
Response: 3539013
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

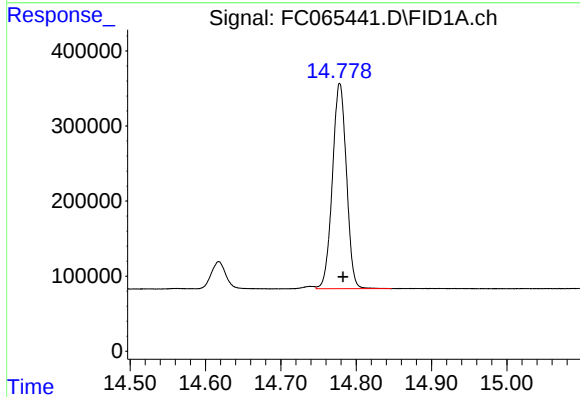
R.T.: 12.931 min
Delta R.T.: -0.005 min
Response: 3233495
Conc: 19.53 ug/ml



#13 n-Docosane (C22)

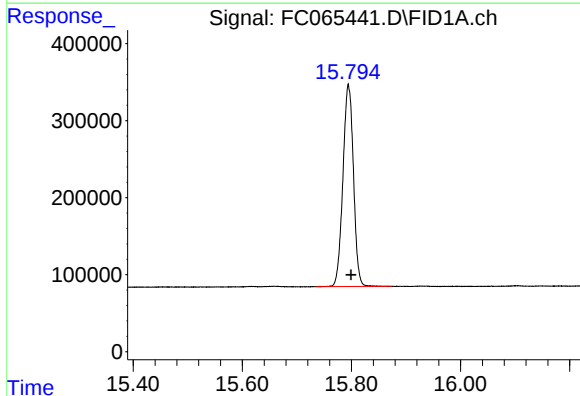
R.T.: 13.681 min
Delta R.T.: -0.004 min
Response: 3542402
Conc: 19.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



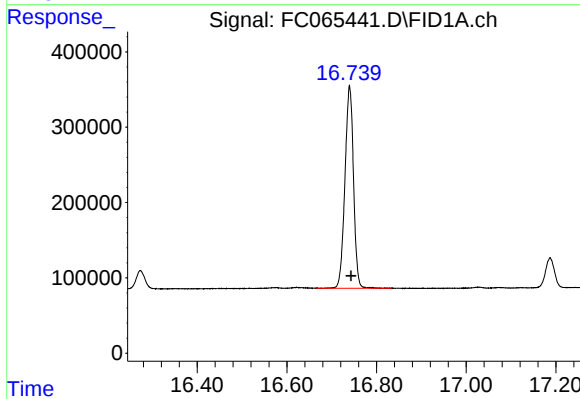
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: -0.004 min
Response: 3548282
Conc: 20.47 ug/ml



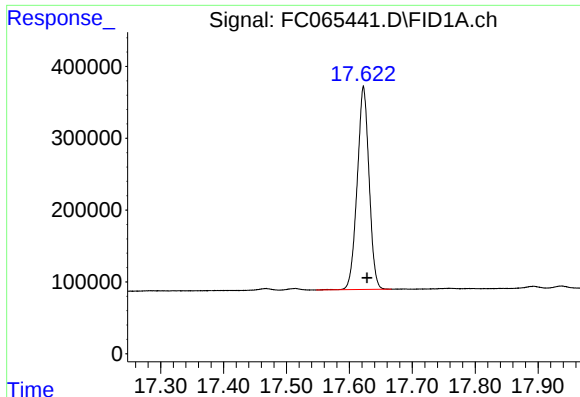
#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: -0.005 min
Response: 3509924
Conc: 21.08 ug/ml



#16 n-Octacosane (C28)

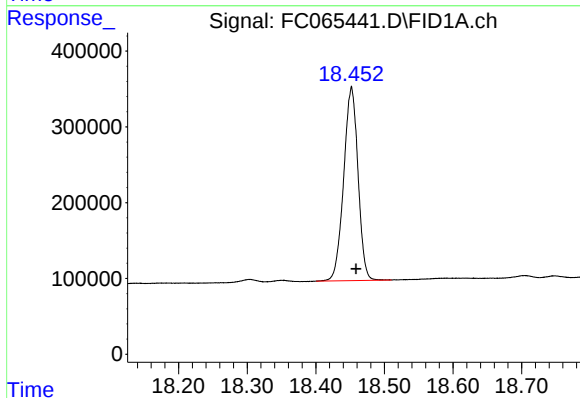
R.T.: 16.740 min
Delta R.T.: -0.004 min
Response: 3552780
Conc: 22.21 ug/ml



#17 n-Tricontane (C30)

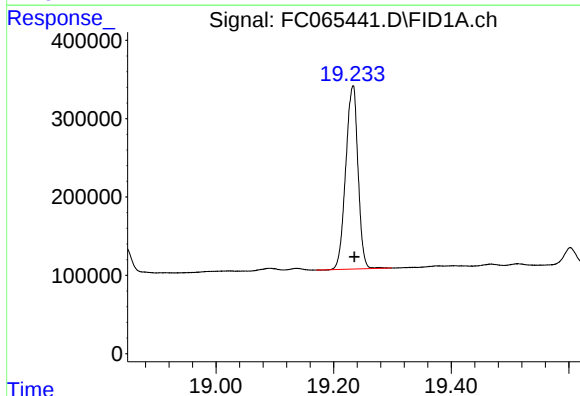
R.T.: 17.622 min
Delta R.T.: -0.006 min
Response: 3703512
Conc: 23.26 ug/ml

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20 PPM ALIPHATIC HC STD



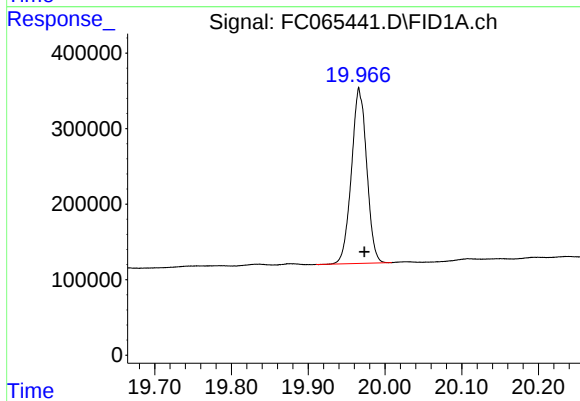
#18 n-Dotriacontane (C32)

R.T.: 18.452 min
Delta R.T.: -0.007 min
Response: 3706575
Conc: 23.58 ug/ml



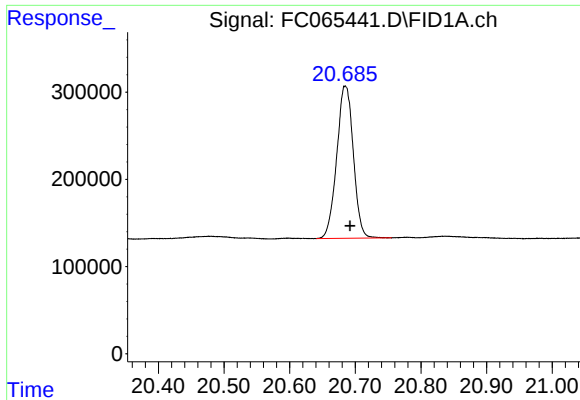
#19 n-Tetratriacontane (C34)

R.T.: 19.233 min
Delta R.T.: -0.002 min
Response: 3391316
Conc: 21.98 ug/ml



#20 n-Hexatriacontane (C36)

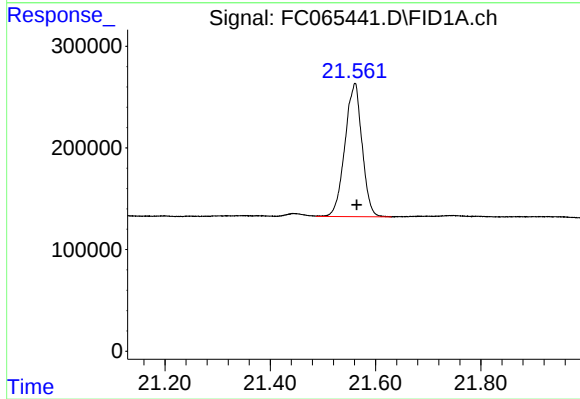
R.T.: 19.966 min
Delta R.T.: -0.007 min
Response: 3201424
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.685 min
Delta R.T.: -0.007 min
Response: 3069409
Conc: 20.19 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: -0.003 min
Response: 2953322
Conc: 19.70 ug/ml