

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041725AL\
 Data File : FG015684.D
 Signal(s) : FID1A.ch
 Acq On : 17 Apr 2025 11:47
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 17 12:03:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 17 12:02:51 2025
 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)	11.901	1487271	10.265 ug/ml
Spiked Amount 50.000		Recovery =	20.53%
12) S 1-chlorooctadecane (S...	13.346	1069588	10.041 ug/ml
Spiked Amount 50.000		Recovery =	20.08%
Target Compounds			
1) T n-Nonane (C9)	3.249	1135762	10.169 ug/ml
2) T n-Decane (C10)	4.509	1131960	10.077 ug/ml
3) T A~Naphthalene (C11.7)	6.223	1155525	9.735 ug/ml
4) T n-Dodecane (C12)	6.689	1158246	10.089 ug/ml
5) T A~2-methylnaphthalene...	7.325	1105453	9.560 ug/ml
6) T n-Tetradecane (C14)	8.524	1154694	10.049 ug/ml
7) T n-Hexadecane (C16)	10.139	1190078	10.112 ug/ml
8) T n-Octadecane (C18)	11.586	1224437	10.204 ug/ml
10) T n-Eicosane (C20)	12.900	1220512	10.254 ug/ml
11) T n-Heneicosane (C21)	13.514	1212827	10.255 ug/ml
13) T n-Docosane (C22)	14.102	1199272	10.264 ug/ml
14) T n-Tetracosane (C24)	15.208	1211987	10.493 ug/ml
15) T n-Hexacosane (C26)	16.233	1183059	10.545 ug/ml
16) T n-Octacosane (C28)	17.184	1158263	10.644 ug/ml
17) T n-Tricontane (C30)	18.074	1164012	10.772 ug/ml
18) T n-Dotriacontane (C32)	18.908	1146962	10.807 ug/ml
19) T n-Tetratriacontane (C34)	19.694	1068003	10.649 ug/ml
20) T n-Hexatriacontane (C36)	20.434	1002181	10.425 ug/ml
21) T n-Octatriacontane (C38)	21.176	940463	10.548 ug/ml
22) T n-Tetracontane (C40)	22.098	895577	10.989 ug/ml

(f)=RT Delta > 1/2 Window

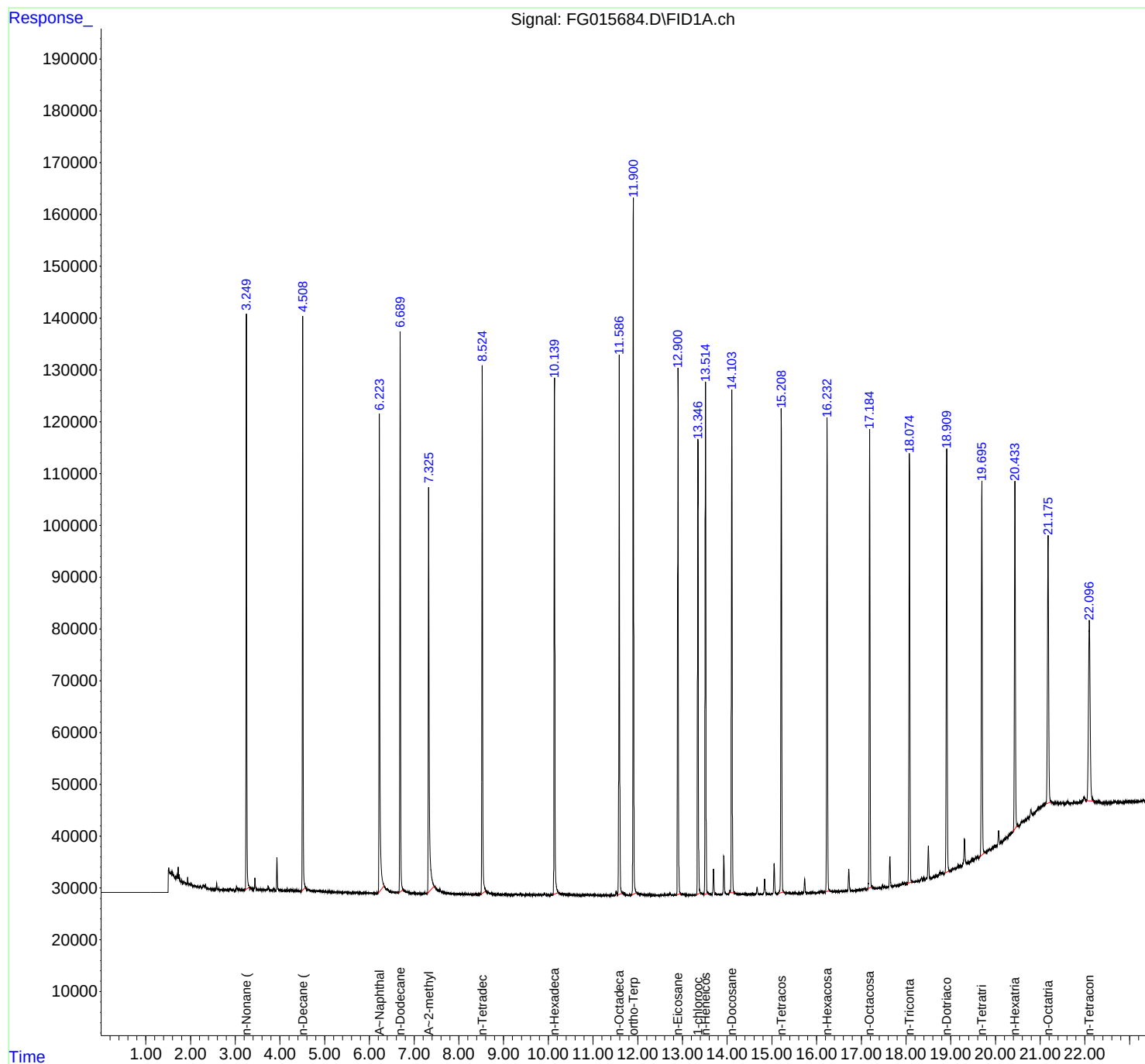
(m)=manual int.

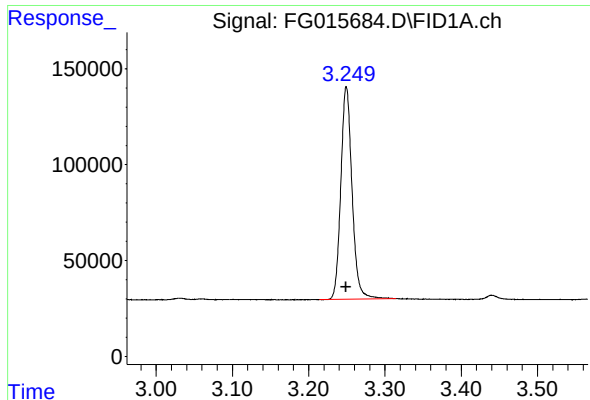
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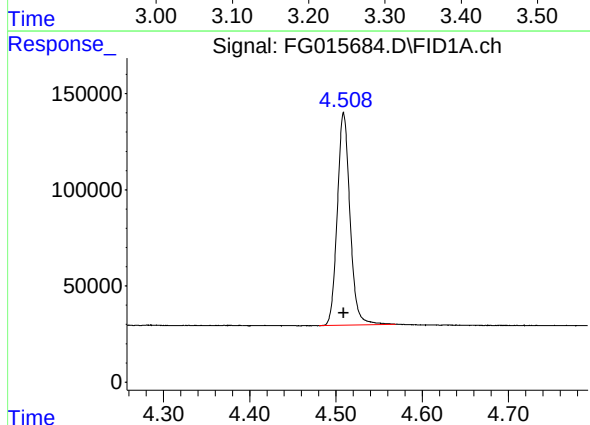




#1 n-Nonane (C9)

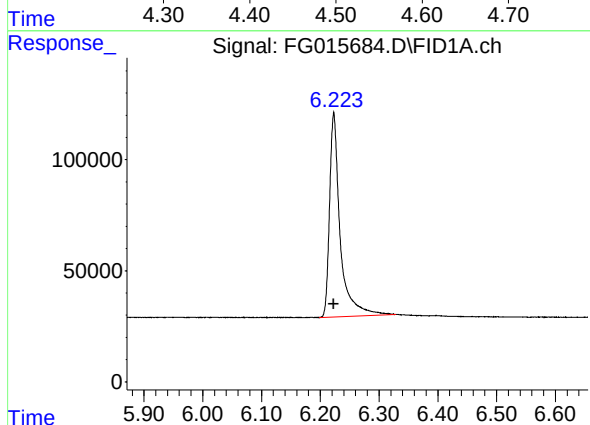
R.T.: 3.249 min
Delta R.T.: 0.000 min
Response: 1135762
Conc: 10.17 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



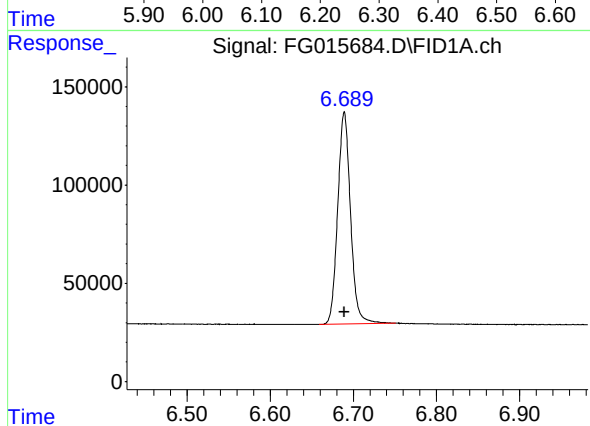
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 1131960
Conc: 10.08 ug/ml



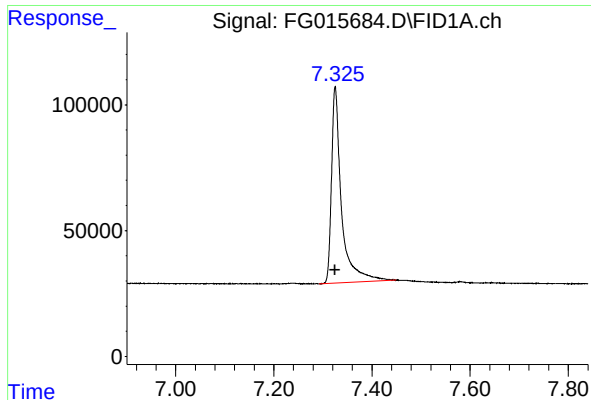
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 1155525
Conc: 9.74 ug/ml



#4 n-Dodecane (C12)

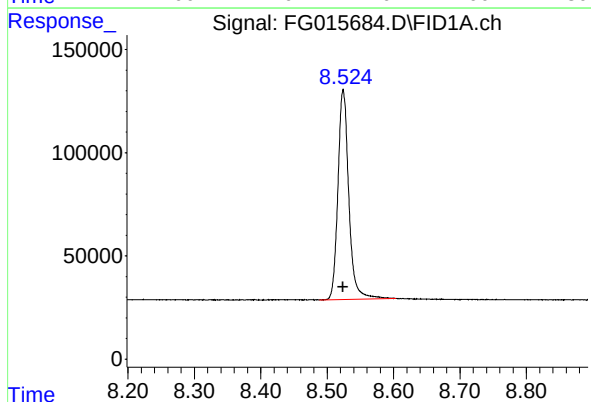
R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 1158246
Conc: 10.09 ug/ml



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

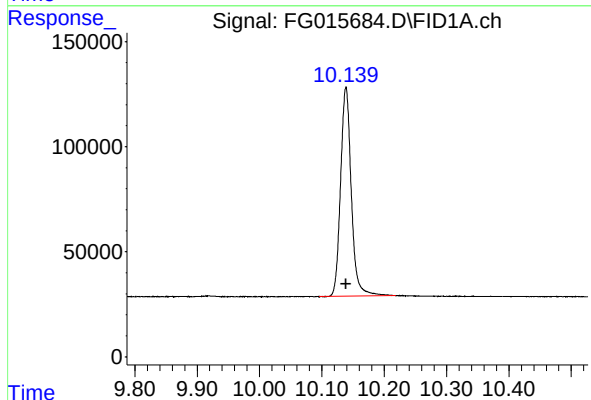
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 1105453
Conc: 9.56 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



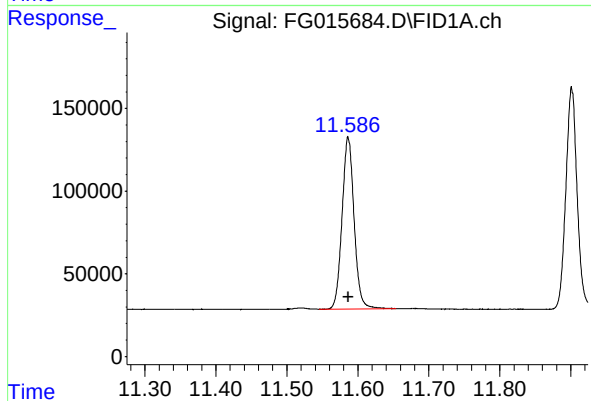
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 1154694
Conc: 10.05 ug/ml



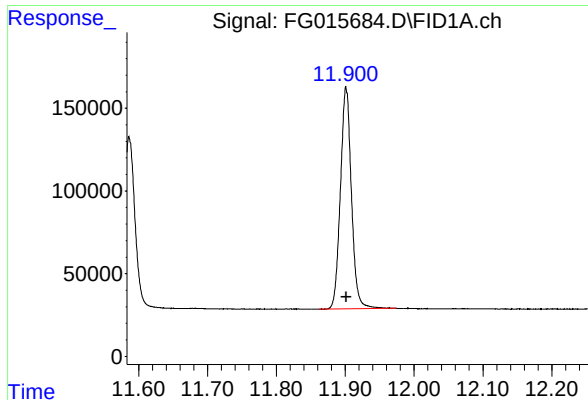
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 1190078
Conc: 10.11 ug/ml



#8 n-Octadecane (C18)

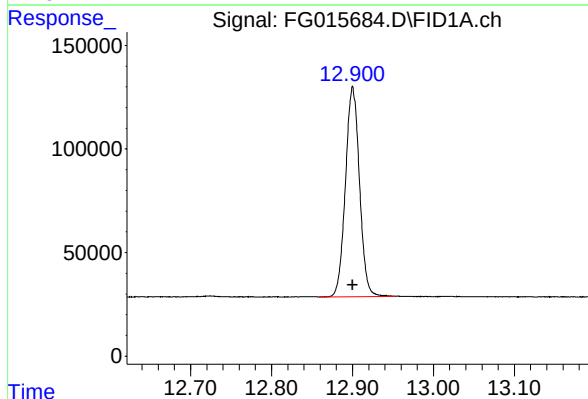
R.T.: 11.586 min
Delta R.T.: 0.000 min
Response: 1224437
Conc: 10.20 ug/ml



#9 ortho-Terphenyl (SURR)

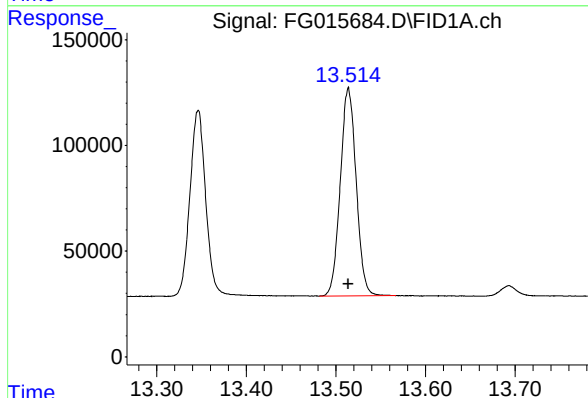
R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 1487271
Conc: 10.27 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



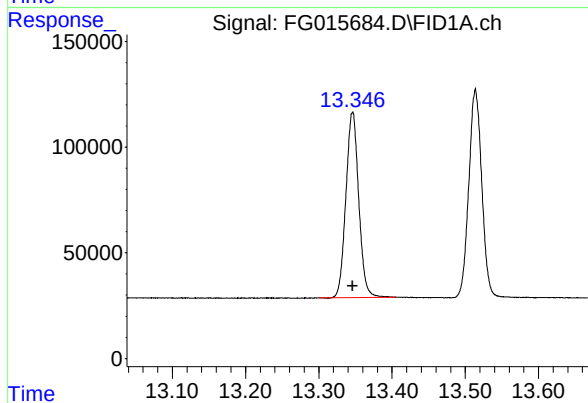
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: 0.000 min
Response: 1220512
Conc: 10.25 ug/ml



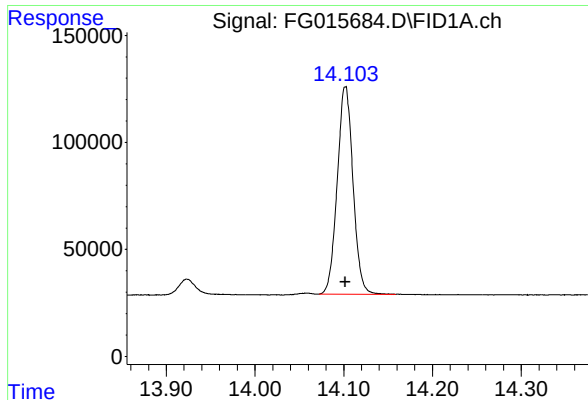
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: 0.000 min
Response: 1212827
Conc: 10.26 ug/ml



#12 1-chlorooctadecane (SURR)

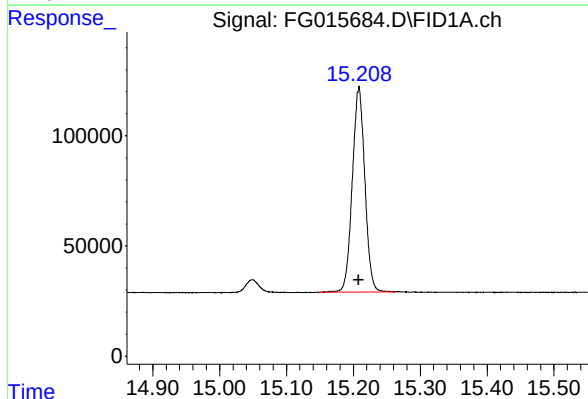
R.T.: 13.346 min
Delta R.T.: 0.000 min
Response: 1069588
Conc: 10.04 ug/ml



#13 n-Docosane (C22)

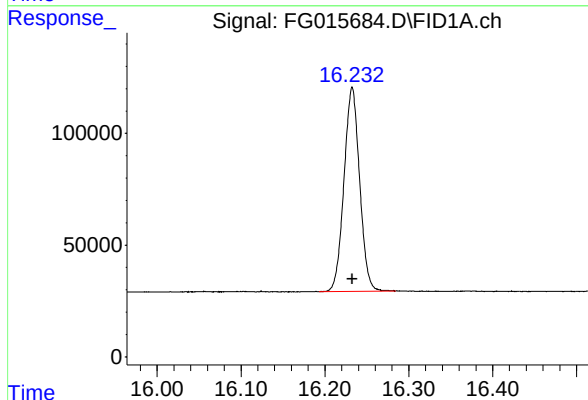
R.T.: 14.102 min
Delta R.T.: 0.000 min
Response: 1199272
Conc: 10.26 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



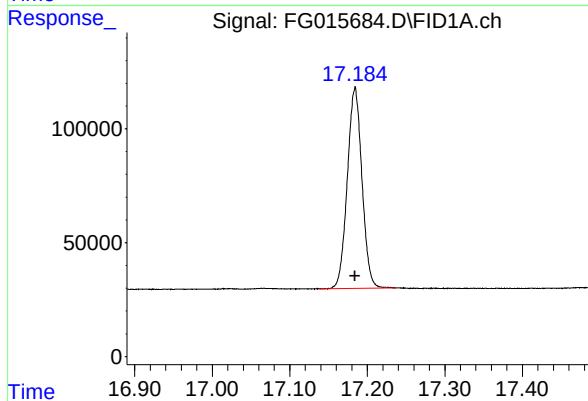
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: 0.000 min
Response: 1211987
Conc: 10.49 ug/ml



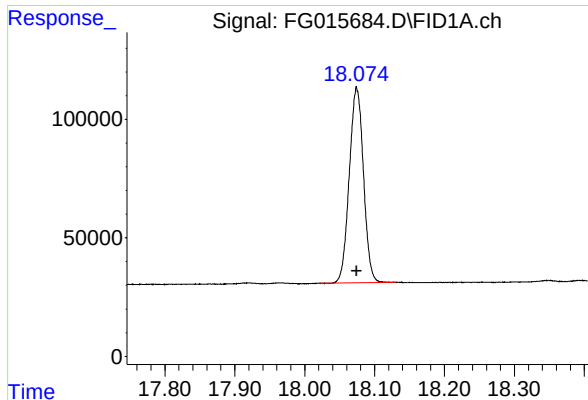
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: 0.000 min
Response: 1183059
Conc: 10.55 ug/ml



#16 n-Octacosane (C28)

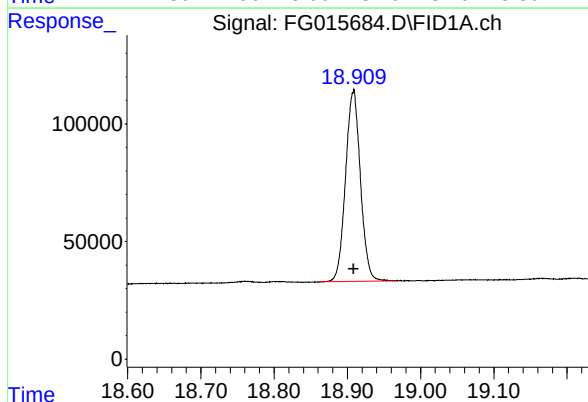
R.T.: 17.184 min
Delta R.T.: 0.000 min
Response: 1158263
Conc: 10.64 ug/ml



#17 n-Tricontane (C30)

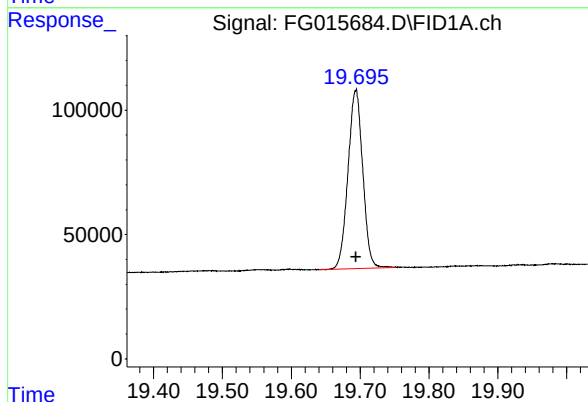
R.T.: 18.074 min
Delta R.T.: 0.000 min
Response: 1164012
Conc: 10.77 ug/ml

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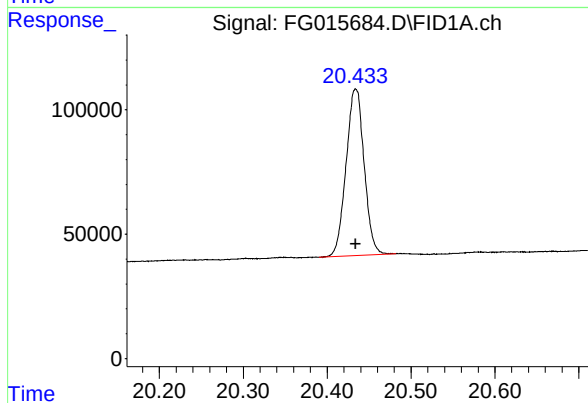
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.000 min
Response: 1146962
Conc: 10.81 ug/ml



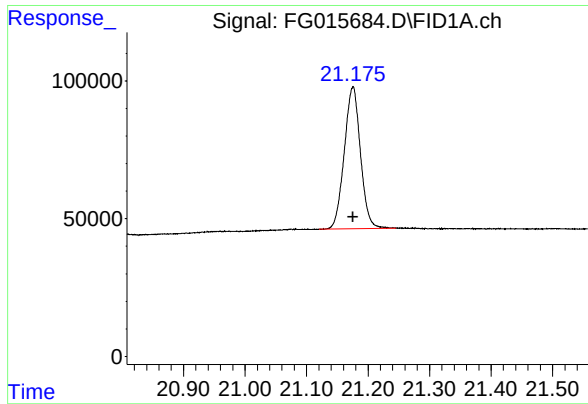
#19 n-Tetatriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.000 min
Response: 1068003
Conc: 10.65 ug/ml



#20 n-Hexatriacontane (C36)

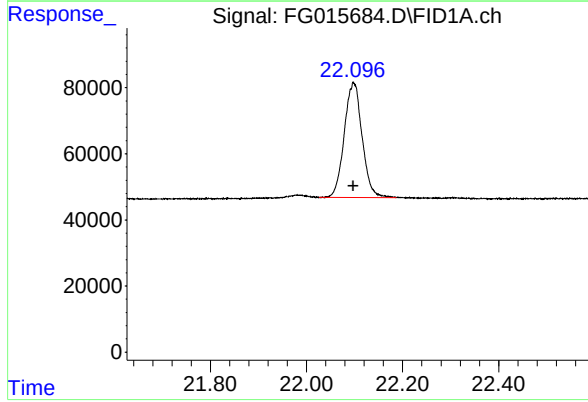
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 1002181
Conc: 10.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: 0.000 min
Response: 940463
Conc: 10.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: 0.000 min
Response: 895577
Conc: 10.99 ug/ml