

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091124AL\
 Data File : FG014208.D
 Signal(s) : FID1A.ch
 Acq On : 10 Sep 2024 21:28
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 11 07:15:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 07:15:25 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)	11.822	1410085	10.445 ug/ml
Spiked Amount 50.000		Recovery =	20.89%
12) S 1-chlorooctadecane (S...	13.270	1086813	10.395 ug/ml
Spiked Amount 50.000		Recovery =	20.79%
Target Compounds			
1) T n-Nonane (C9)	3.201	1247783	10.352 ug/ml
2) T n-Decane (C10)	4.451	1273047	10.383 ug/ml
3) T A~Naphthalene (C11.7)	6.152	1260490	10.204 ug/ml
4) T n-Dodecane (C12)	6.622	1259852	10.388 ug/ml
5) T A~2-methylnaphthalene...	7.252	1038768	9.583 ug/ml
6) T n-Tetradecane (C14)	8.455	1235739	10.383 ug/ml
7) T n-Hexadecane (C16)	10.067	1301904	10.431 ug/ml
8) T n-Octadecane (C18)	11.512	1331378	10.474 ug/ml
10) T n-Eicosane (C20)	12.824	1285659	10.479 ug/ml
11) T n-Heneicosane (C21)	13.438	1263694	10.474 ug/ml
13) T n-Docosane (C22)	14.026	1252588	10.451 ug/ml
14) T n-Tetracosane (C24)	15.132	1244406	10.452 ug/ml
15) T n-Hexacosane (C26)	16.156	1215129	10.423 ug/ml
16) T n-Octacosane (C28)	17.108	1185416	10.425 ug/ml
17) T n-Tricontane (C30)	17.997	1204180	10.430 ug/ml
18) T n-Dotriacontane (C32)	18.833	1163194	10.460 ug/ml
19) T n-Tetratriacontane (C34)	19.617	1013979	10.398 ug/ml
20) T n-Hexatriacontane (C36)	20.359	925544	10.364 ug/ml
21) T n-Octatriacontane (C38)	21.088	832424	10.311 ug/ml
22) T n-Tetracontane (C40)	21.984	831630	10.216 ug/ml

(f)=RT Delta > 1/2 Window

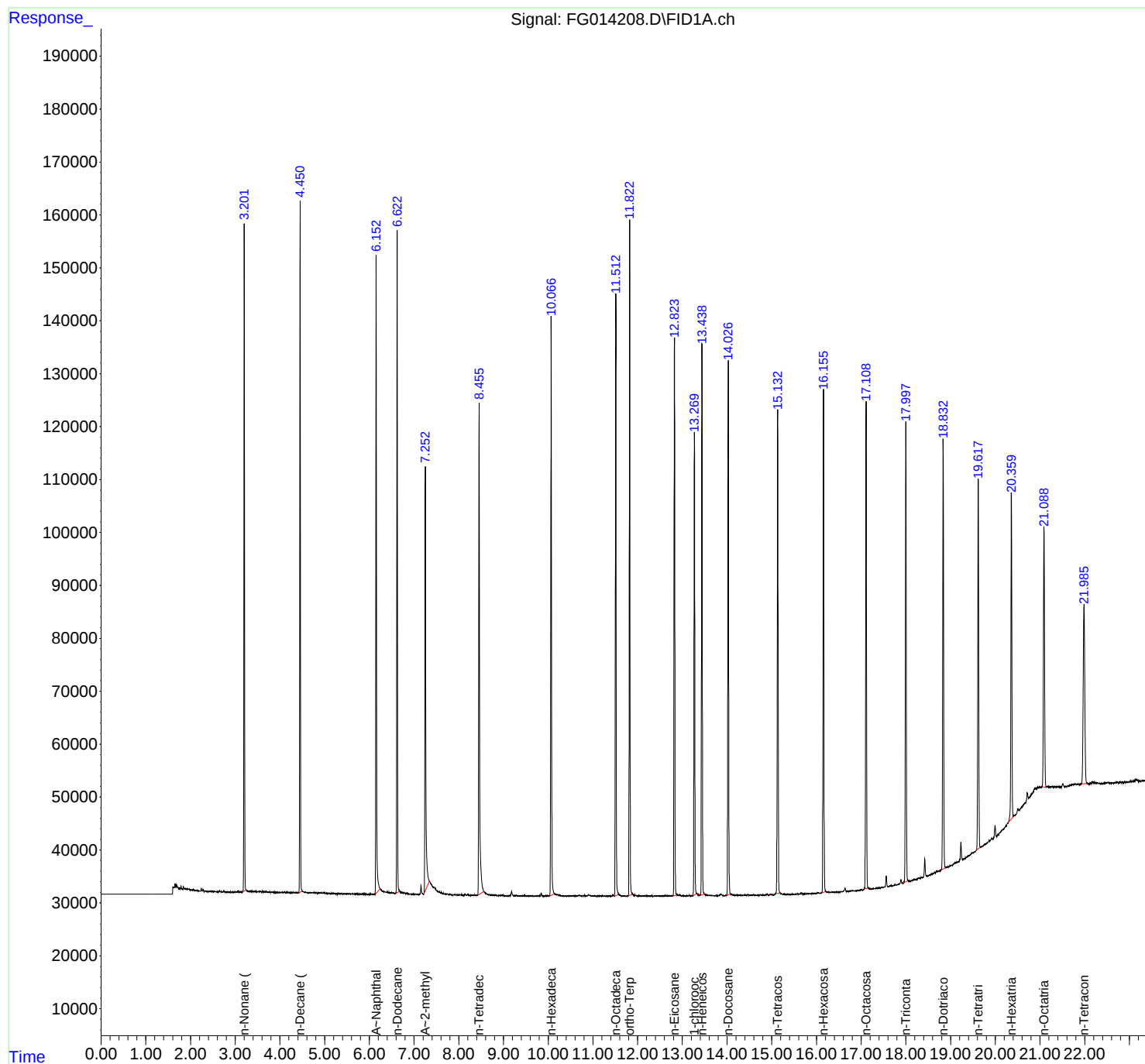
(m)=manual int.

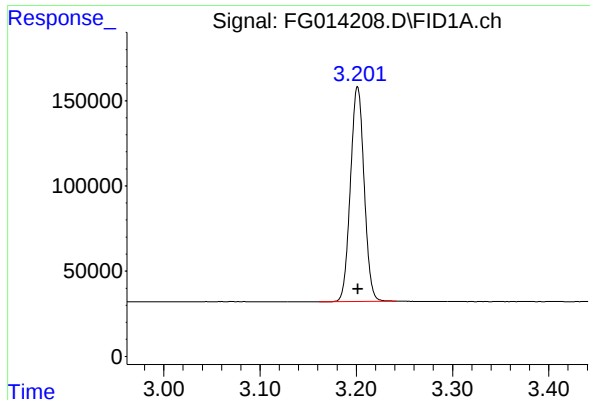
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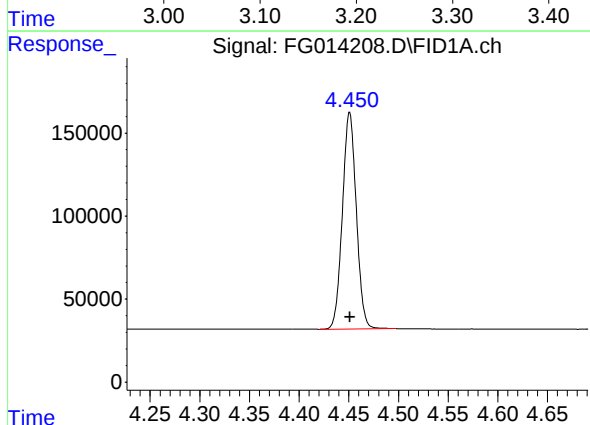




#1 n-Nonane (C9)

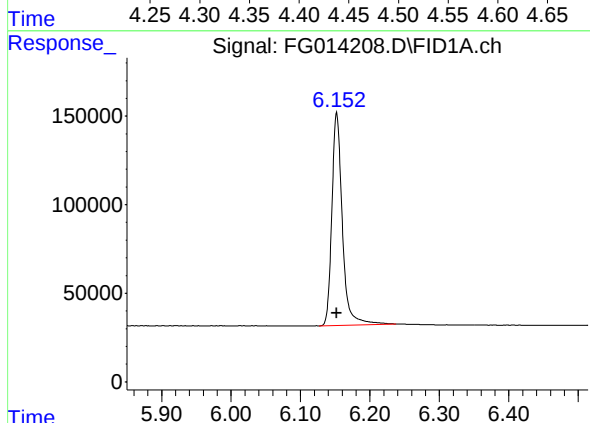
R.T.: 3.201 min
Delta R.T.: 0.000 min
Response: 1247783
Conc: 10.35 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



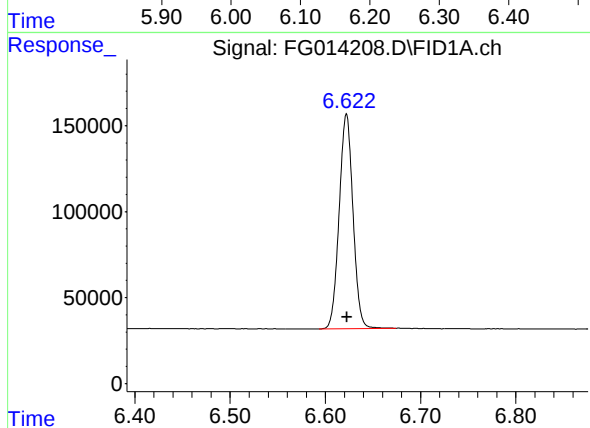
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 1273047
Conc: 10.38 ug/ml



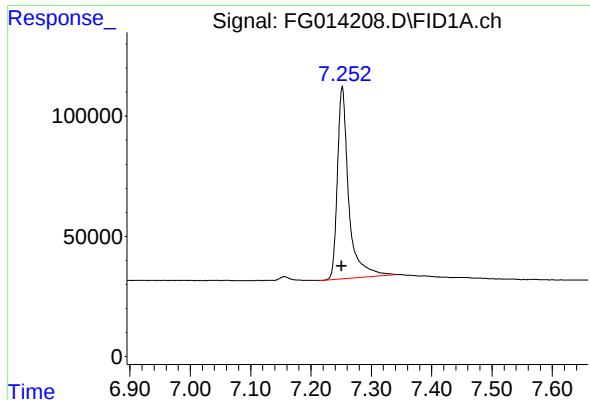
#3 A~Naphthalene (C11.7)

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 1260490
Conc: 10.20 ug/ml



#4 n-Dodecane (C12)

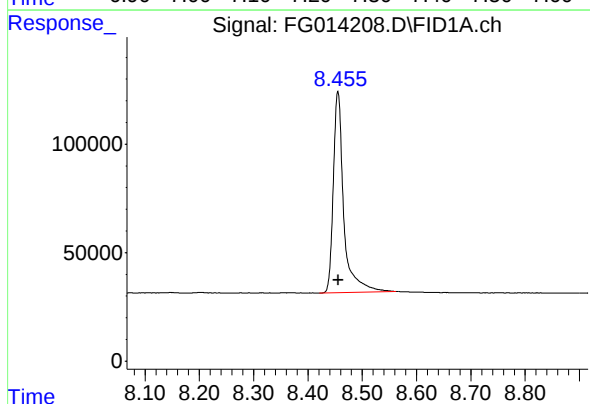
R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 1259852
Conc: 10.39 ug/ml



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

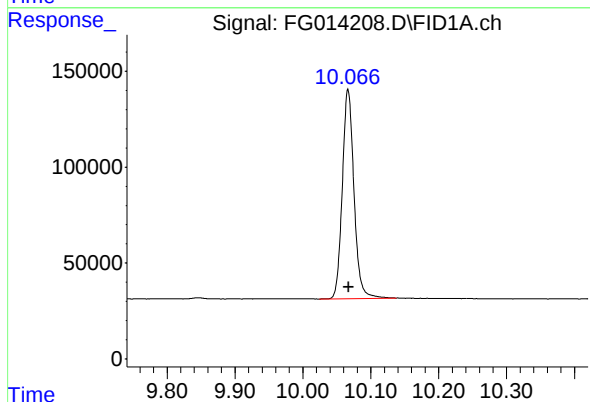
R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 1038768
Conc: 9.58 ug/ml

Instrument :
FID_G
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10 PPM ALIPHATIC HC STD4



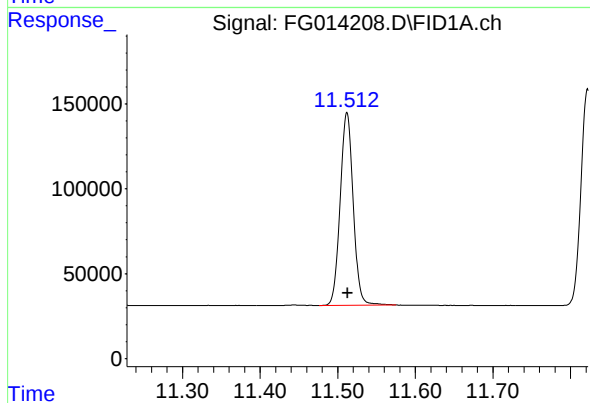
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: 0.000 min
Response: 1235739
Conc: 10.38 ug/ml



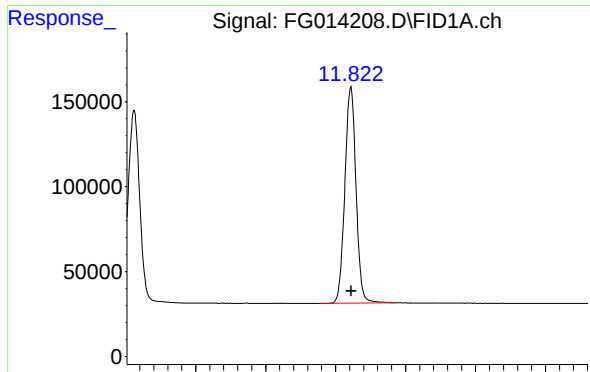
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: 0.000 min
Response: 1301904
Conc: 10.43 ug/ml



#8 n-Octadecane (C18)

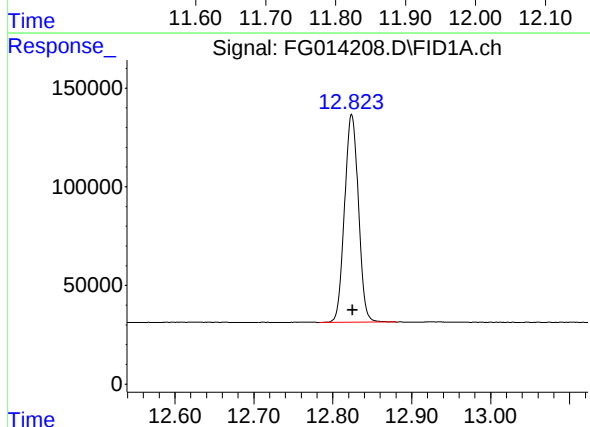
R.T.: 11.512 min
Delta R.T.: 0.000 min
Response: 1331378
Conc: 10.47 ug/ml



#9 ortho-Terphenyl (SURR)

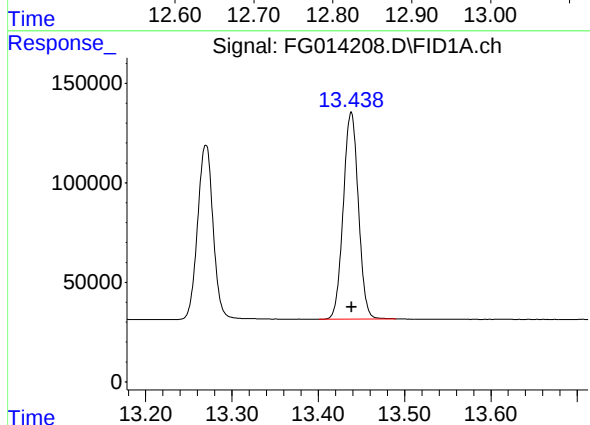
R.T.: 11.822 min
Delta R.T.: 0.000 min
Response: 1410085
Conc: 10.44 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



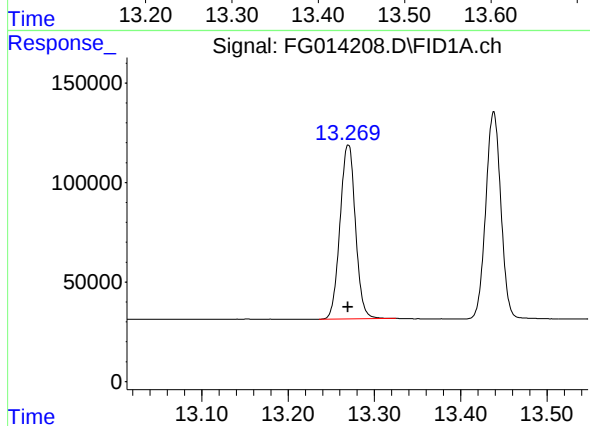
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.001 min
Response: 1285659
Conc: 10.48 ug/ml



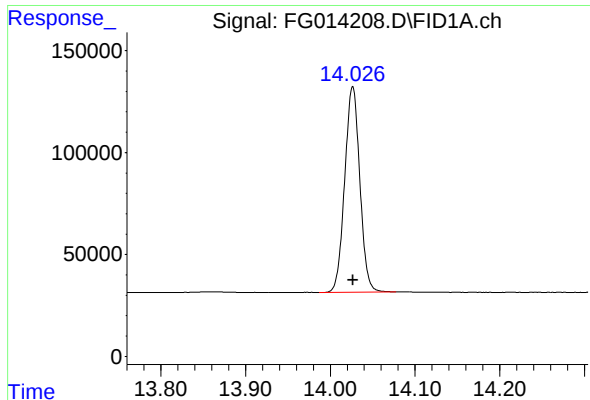
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: 0.000 min
Response: 1263694
Conc: 10.47 ug/ml



#12 1-chlorooctadecane (SURR)

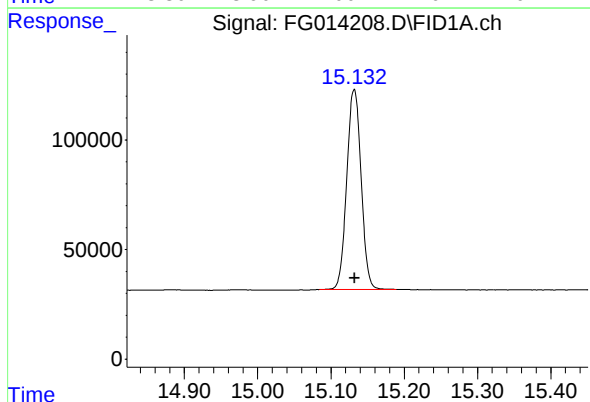
R.T.: 13.270 min
Delta R.T.: 0.000 min
Response: 1086813
Conc: 10.40 ug/ml



#13 n-Docosane (C22)

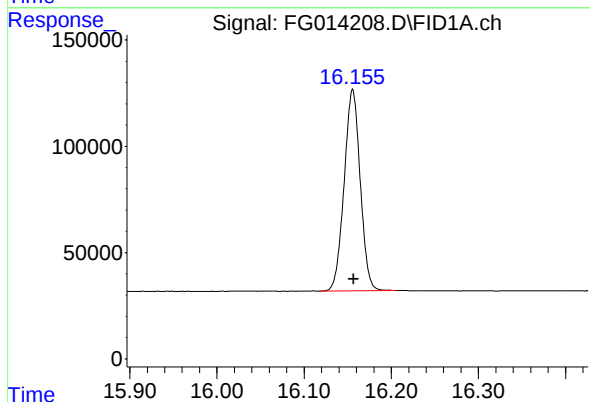
R.T.: 14.026 min
Delta R.T.: 0.000 min
Response: 1252588
Conc: 10.45 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



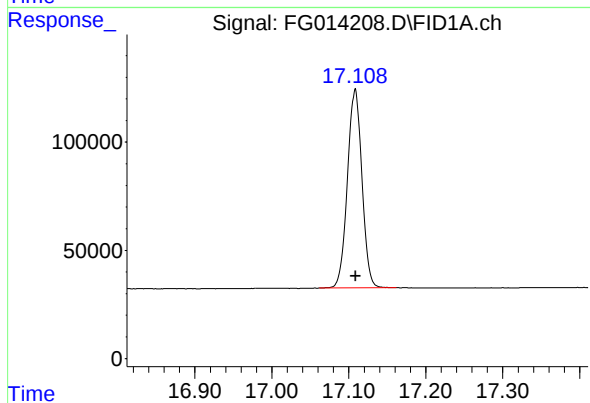
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: 0.000 min
Response: 1244406
Conc: 10.45 ug/ml



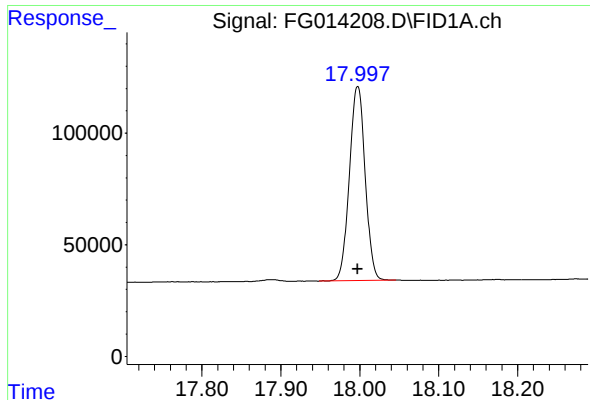
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.001 min
Response: 1215129
Conc: 10.42 ug/ml



#16 n-Octacosane (C28)

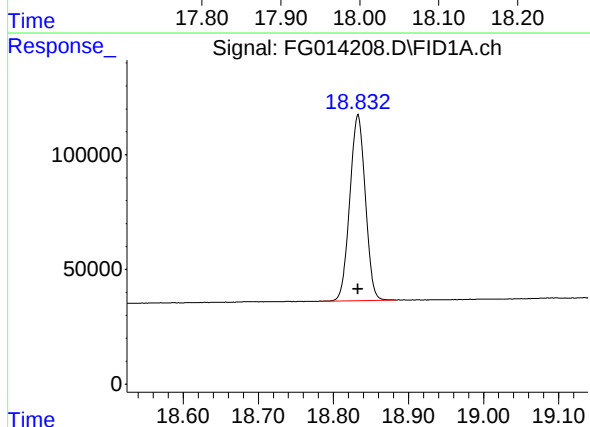
R.T.: 17.108 min
Delta R.T.: 0.000 min
Response: 1185416
Conc: 10.42 ug/ml



#17 n-Tricontane (C30)

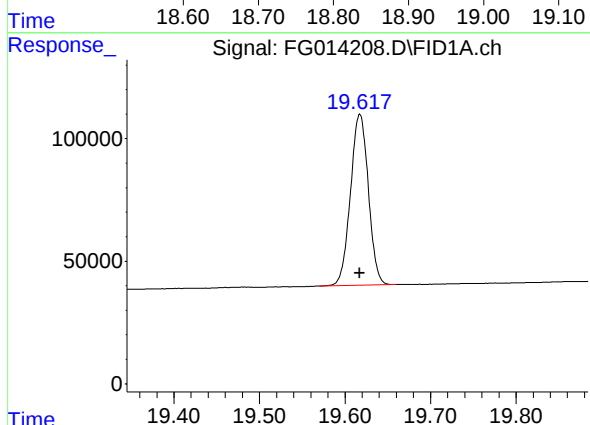
R.T.: 17.997 min
Delta R.T.: 0.000 min
Response: 1204180
Conc: 10.43 ug/ml

Instrument :
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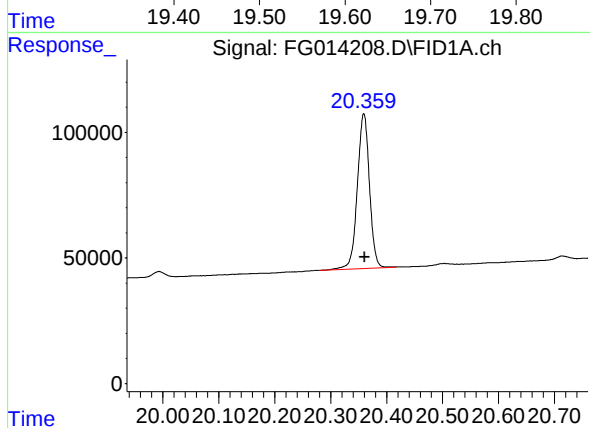
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: 0.000 min
Response: 1163194
Conc: 10.46 ug/ml



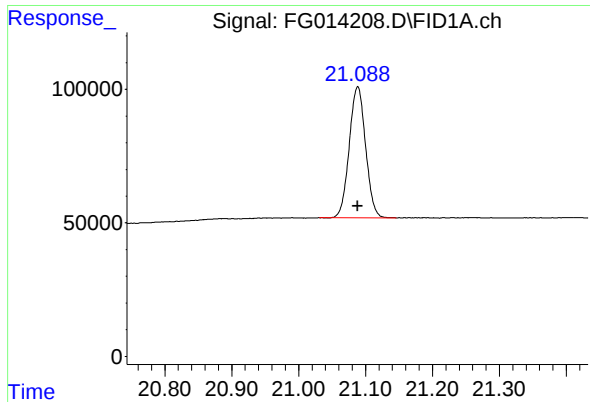
#19 n-Tetatriacontane (C34)

R.T.: 19.617 min
Delta R.T.: 0.000 min
Response: 1013979
Conc: 10.40 ug/ml



#20 n-Hexatriacontane (C36)

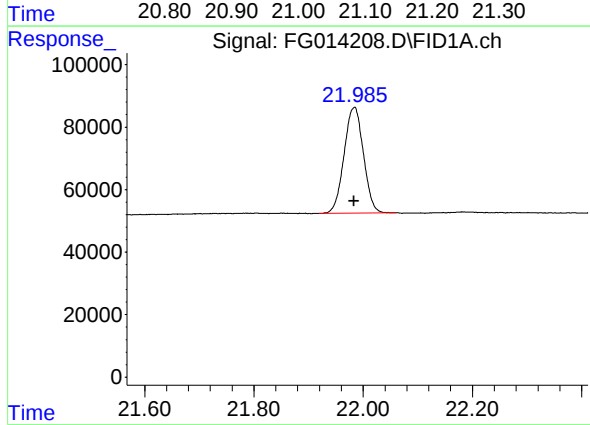
R.T.: 20.359 min
Delta R.T.: -0.001 min
Response: 925544
Conc: 10.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: 0.000 min
Response: 832424
Conc: 10.31 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: 0.002 min
Response: 831630
Conc: 10.22 ug/ml