

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014472.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 01:27
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 22 06:46:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:44:46 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)	11.989	7260434	48.218 ug/ml
Spiked Amount 50.000		Recovery =	96.44%
12) S 1-chlorooctadecane (S...	13.425	5665784	47.868 ug/ml
Spiked Amount 50.000		Recovery =	95.74%
Target Compounds			
1) T n-Nonane (C9)	3.349	6169208	48.183 ug/ml
2) T n-Decane (C10)	4.602	6286182	48.236 ug/ml
3) T A~Naphthalene (C11.7)	6.309	6845029	48.252 ug/ml
4) T n-Dodecane (C12)	6.775	6345329	48.295 ug/ml
5) T A~2-methylnaphthalene...	7.409	6664452	48.296 ug/ml
6) T n-Tetradecane (C14)	8.608	6341985	48.363 ug/ml
7) T n-Hexadecane (C16)	10.220	6605921	48.313 ug/ml
8) T n-Octadecane (C18)	11.669	6719146	48.144 ug/ml
10) T n-Eicosane (C20)	12.981	6504780	47.837 ug/ml
11) T n-Heneicosane (C21)	13.594	6420860	47.687 ug/ml
13) T n-Docosane (C22)	14.182	6406625	47.538 ug/ml
14) T n-Tetracosane (C24)	15.286	6399137	47.183 ug/ml
15) T n-Hexacosane (C26)	16.308	6288375	46.872 ug/ml
16) T n-Octacosane (C28)	17.258	6123374	46.776 ug/ml
17) T n-Tricontane (C30)	18.145	6091573	46.390 ug/ml
18) T n-Dotriacontane (C32)	18.976	5740523	46.284 ug/ml
19) T n-Tetratriacontane (C34)	19.760	4948743	46.418 ug/ml
20) T n-Hexatriacontane (C36)	20.498	4174095	46.704 ug/ml
21) T n-Octatriacontane (C38)	21.254	3800327	47.180 ug/ml
22) T n-Tetracontane (C40)	22.202	3520824	47.751 ug/ml

(f)=RT Delta > 1/2 Window

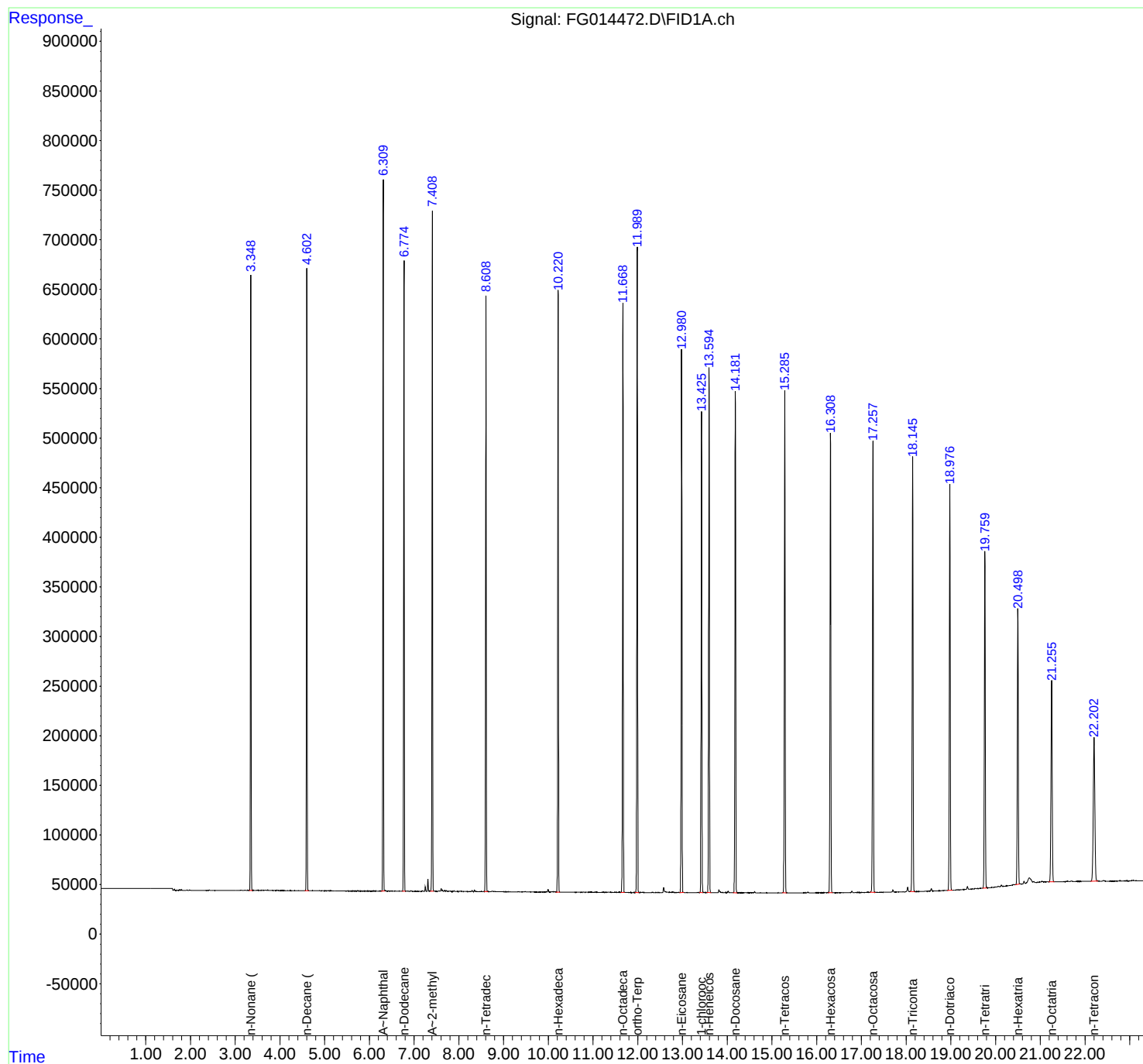
(m)=manual int.

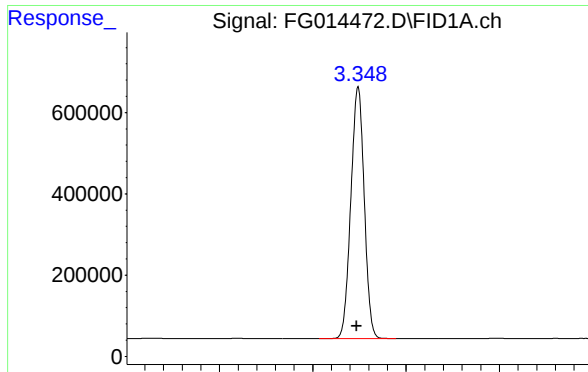
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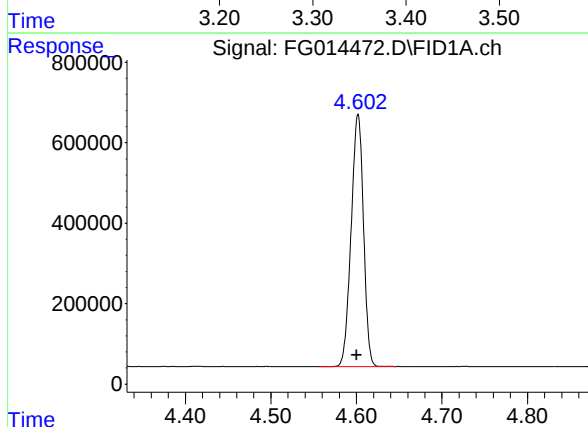




#1 n-Nonane (C9)

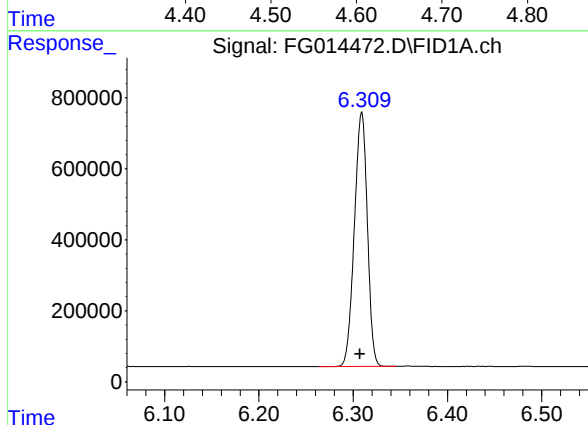
R.T.: 3.349 min
Delta R.T.: 0.002 min
Response: 6169208
Conc: 48.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



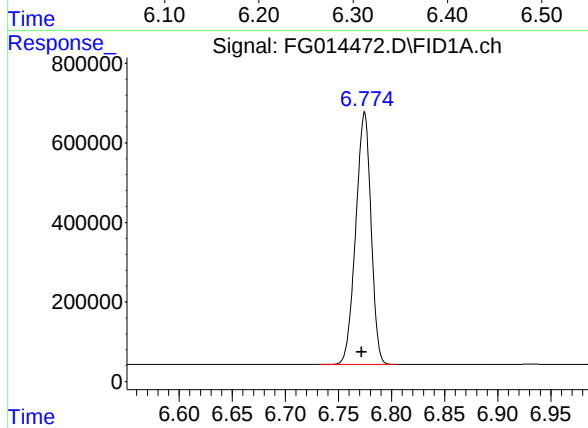
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: 0.002 min
Response: 6286182
Conc: 48.24 ug/ml



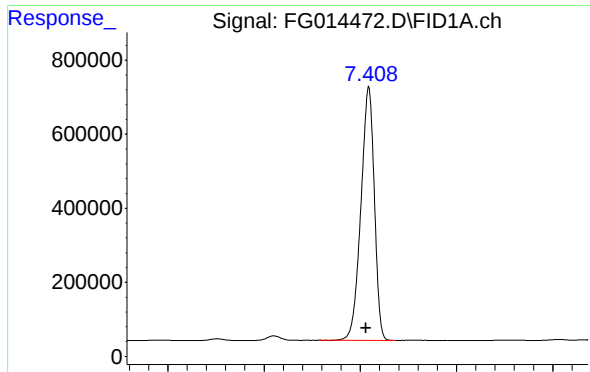
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.002 min
Response: 6845029
Conc: 48.25 ug/ml



#4 n-Dodecane (C12)

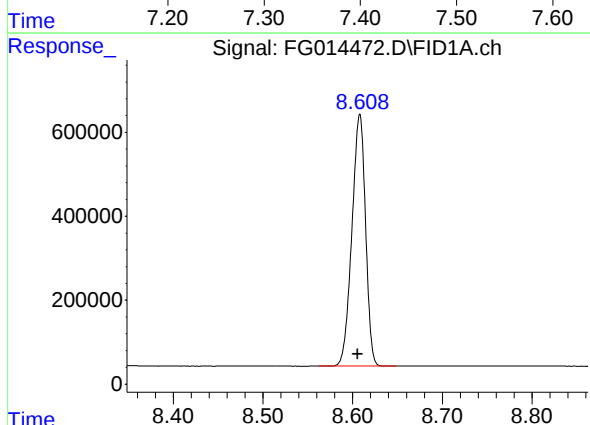
R.T.: 6.775 min
Delta R.T.: 0.003 min
Response: 6345329
Conc: 48.29 ug/ml



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

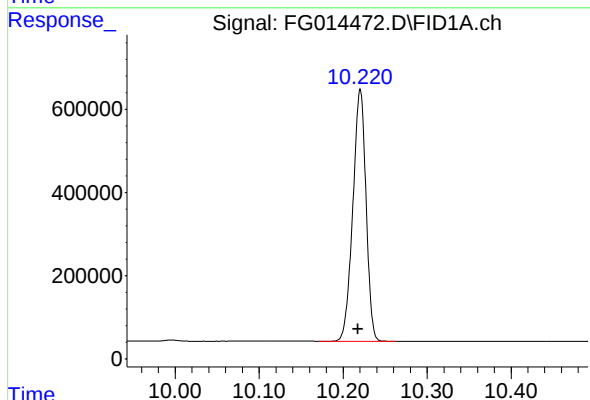
R.T.: 7.409 min
Delta R.T.: 0.003 min
Response: 6664452
Conc: 48.30 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



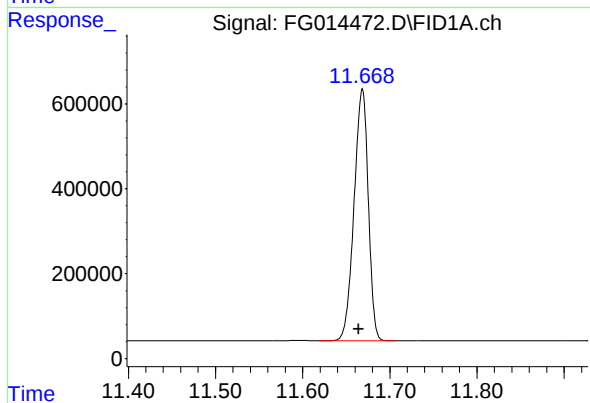
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: 0.003 min
Response: 6341985
Conc: 48.36 ug/ml



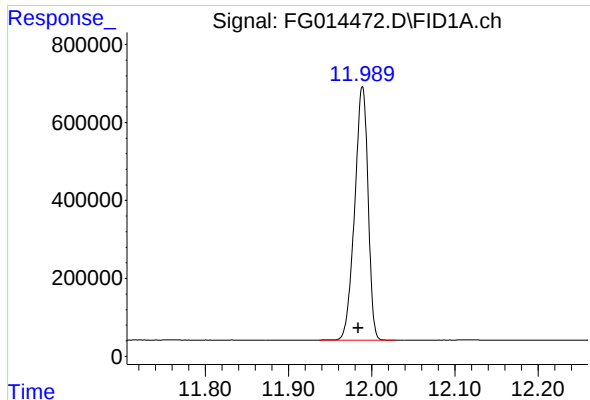
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.003 min
Response: 6605921
Conc: 48.31 ug/ml



#8 n-Octadecane (C18)

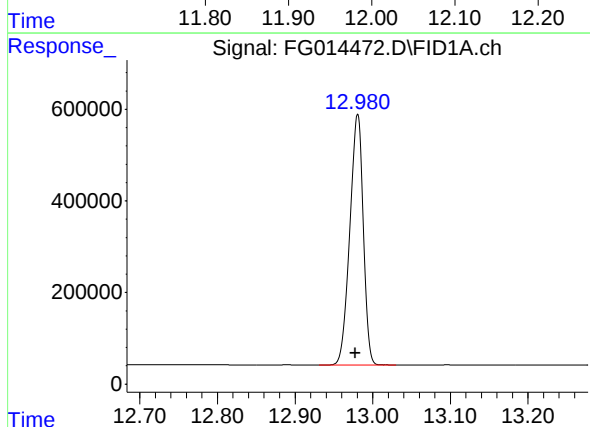
R.T.: 11.669 min
Delta R.T.: 0.004 min
Response: 6719146
Conc: 48.14 ug/ml



#9 ortho-Terphenyl (SURR)

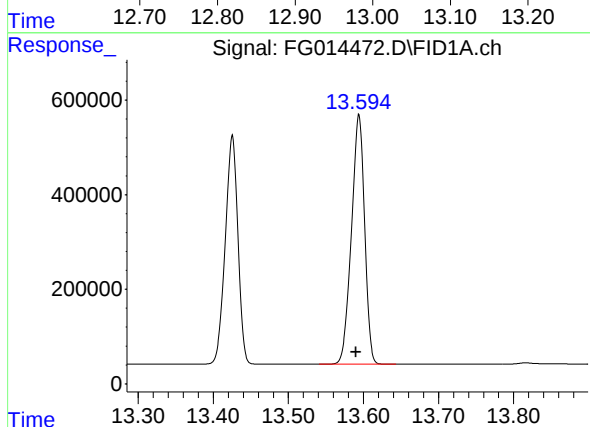
R.T.: 11.989 min
Delta R.T.: 0.005 min
Response: 7260434
Conc: 48.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



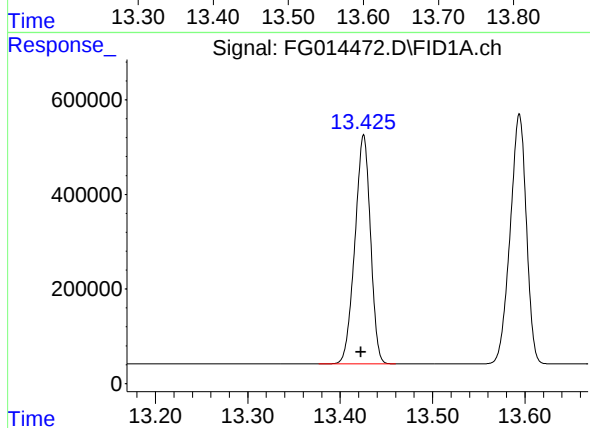
#10 n-Eicosane (C20)

R.T.: 12.981 min
Delta R.T.: 0.003 min
Response: 6504780
Conc: 47.84 ug/ml



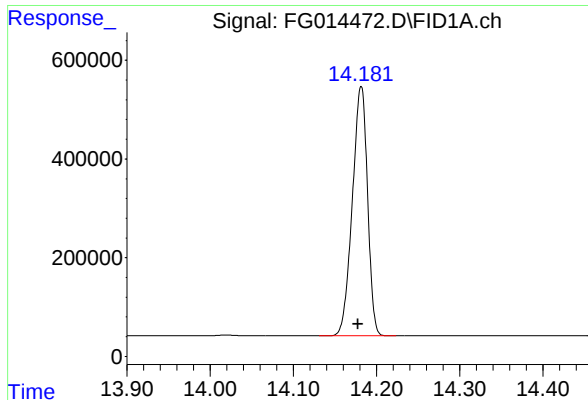
#11 n-Heneicosane (C21)

R.T.: 13.594 min
Delta R.T.: 0.004 min
Response: 6420860
Conc: 47.69 ug/ml



#12 1-chlorooctadecane (SURR)

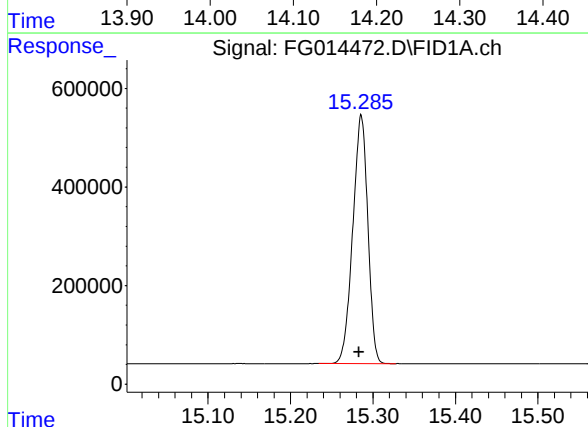
R.T.: 13.425 min
Delta R.T.: 0.003 min
Response: 5665784
Conc: 47.87 ug/ml



#13 n-Docosane (C22)

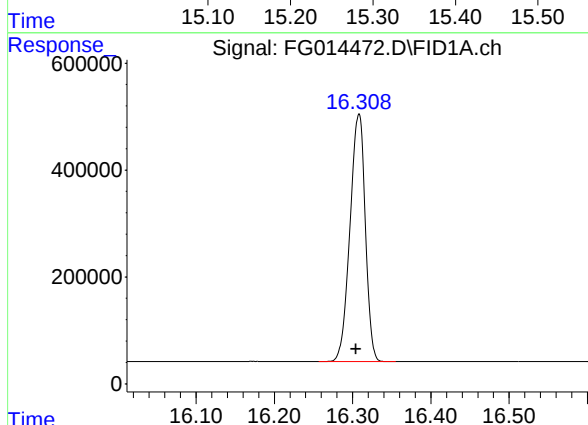
R.T.: 14.182 min
Delta R.T.: 0.004 min
Response: 6406625
Conc: 47.54 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



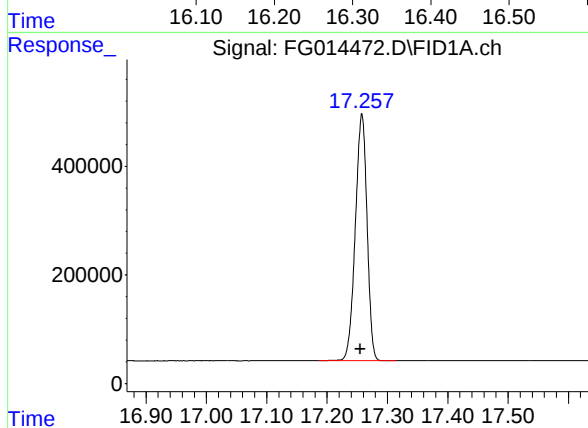
#14 n-Tetracosane (C24)

R.T.: 15.286 min
Delta R.T.: 0.002 min
Response: 6399137
Conc: 47.18 ug/ml



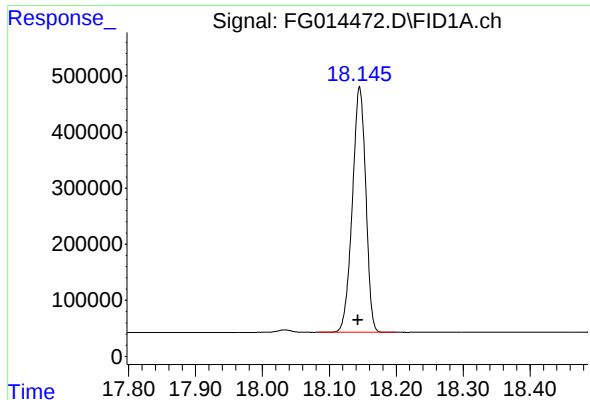
#15 n-Hexacosane (C26)

R.T.: 16.308 min
Delta R.T.: 0.004 min
Response: 6288375
Conc: 46.87 ug/ml



#16 n-Octacosane (C28)

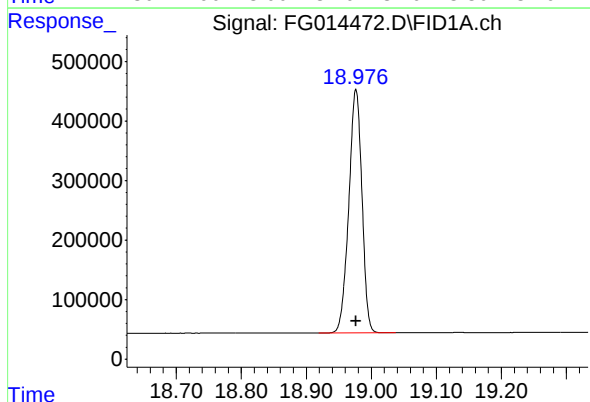
R.T.: 17.258 min
Delta R.T.: 0.003 min
Response: 6123374
Conc: 46.78 ug/ml



#17 n-Tricontane (C30)

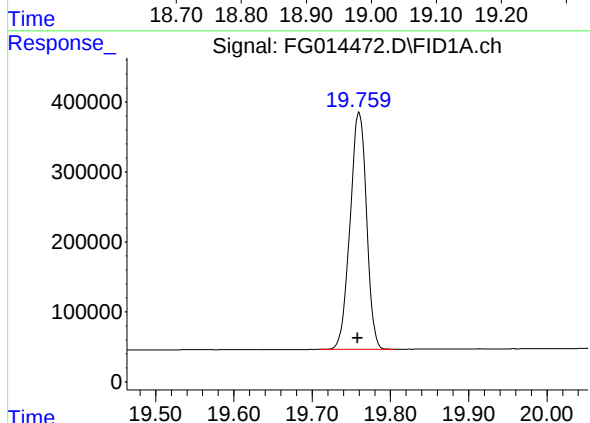
R.T.: 18.145 min
Delta R.T.: 0.002 min
Response: 6091573
Conc: 46.39 ug/ml

Instrument :
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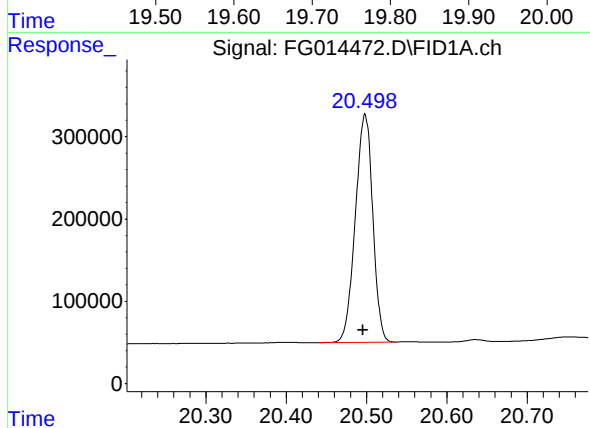
#18 n-Dotriacontane (C32)

R.T.: 18.976 min
Delta R.T.: 0.000 min
Response: 5740523
Conc: 46.28 ug/ml



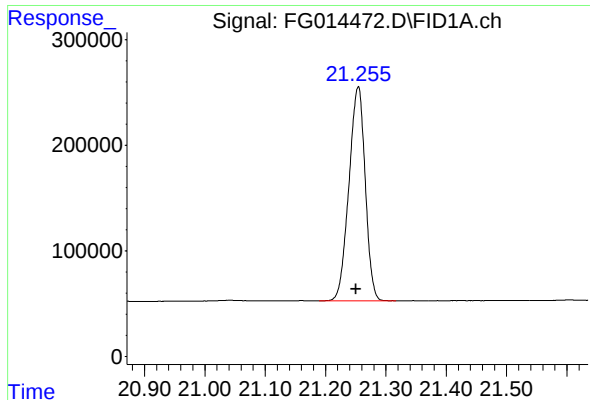
#19 n-Tetratriacontane (C34)

R.T.: 19.760 min
Delta R.T.: 0.001 min
Response: 4948743
Conc: 46.42 ug/ml



#20 n-Hexatriacontane (C36)

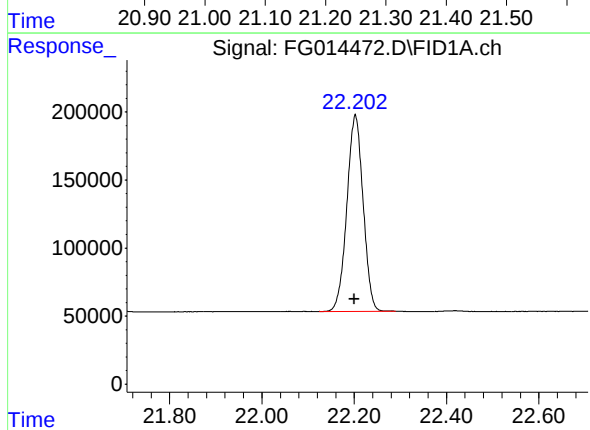
R.T.: 20.498 min
Delta R.T.: 0.003 min
Response: 4174095
Conc: 46.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.254 min
Delta R.T.: 0.004 min
Response: 3800327
Conc: 47.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.202 min
Delta R.T.: 0.002 min
Response: 3520824
Conc: 47.75 ug/ml