

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014474.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 02:25
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 22 06:46:28 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)	11.984	1633149	10.846 ug/ml
Spiked Amount 50.000		Recovery =	21.69%
12) S 1-chlorooctadecane (S...	13.423	1331752	11.251 ug/ml
Spiked Amount 50.000		Recovery =	22.50%
Target Compounds			
1) T n-Nonane (C9)	3.347	1367036	10.677 ug/ml
2) T n-Decane (C10)	4.600	1389913	10.665 ug/ml
3) T A~Naphthalene (C11.7)	6.307	1513940	10.672 ug/ml
4) T n-Dodecane (C12)	6.771	1401341	10.666 ug/ml
5) T A~2-methylnaphthalene...	7.405	1472351	10.670 ug/ml
6) T n-Tetradecane (C14)	8.604	1401781	10.690 ug/ml
7) T n-Hexadecane (C16)	10.217	1476396	10.798 ug/ml
8) T n-Octadecane (C18)	11.664	1535645	11.003 ug/ml
10) T n-Eicosane (C20)	12.977	1523610	11.205 ug/ml
11) T n-Heneicosane (C21)	13.589	1525021	11.326 ug/ml
13) T n-Docosane (C22)	14.176	1539964	11.427 ug/ml
14) T n-Tetracosane (C24)	15.283	1573071	11.599 ug/ml
15) T n-Hexacosane (C26)	16.303	1571293	11.712 ug/ml
16) T n-Octacosane (C28)	17.254	1545724	11.808 ug/ml
17) T n-Tricontane (C30)	18.141	1556404	11.853 ug/ml
18) T n-Dotriacontane (C32)	18.975	1468804	11.842 ug/ml
19) T n-Tetratriacontane (C34)	19.757	1251076	11.735 ug/ml
20) T n-Hexatriacontane (C36)	20.496	1031050	11.536 ug/ml
21) T n-Octatriacontane (C38)	21.251	913333	11.339 ug/ml
22) T n-Tetracontane (C40)	22.201	828726	11.239 ug/ml

(f)=RT Delta > 1/2 Window

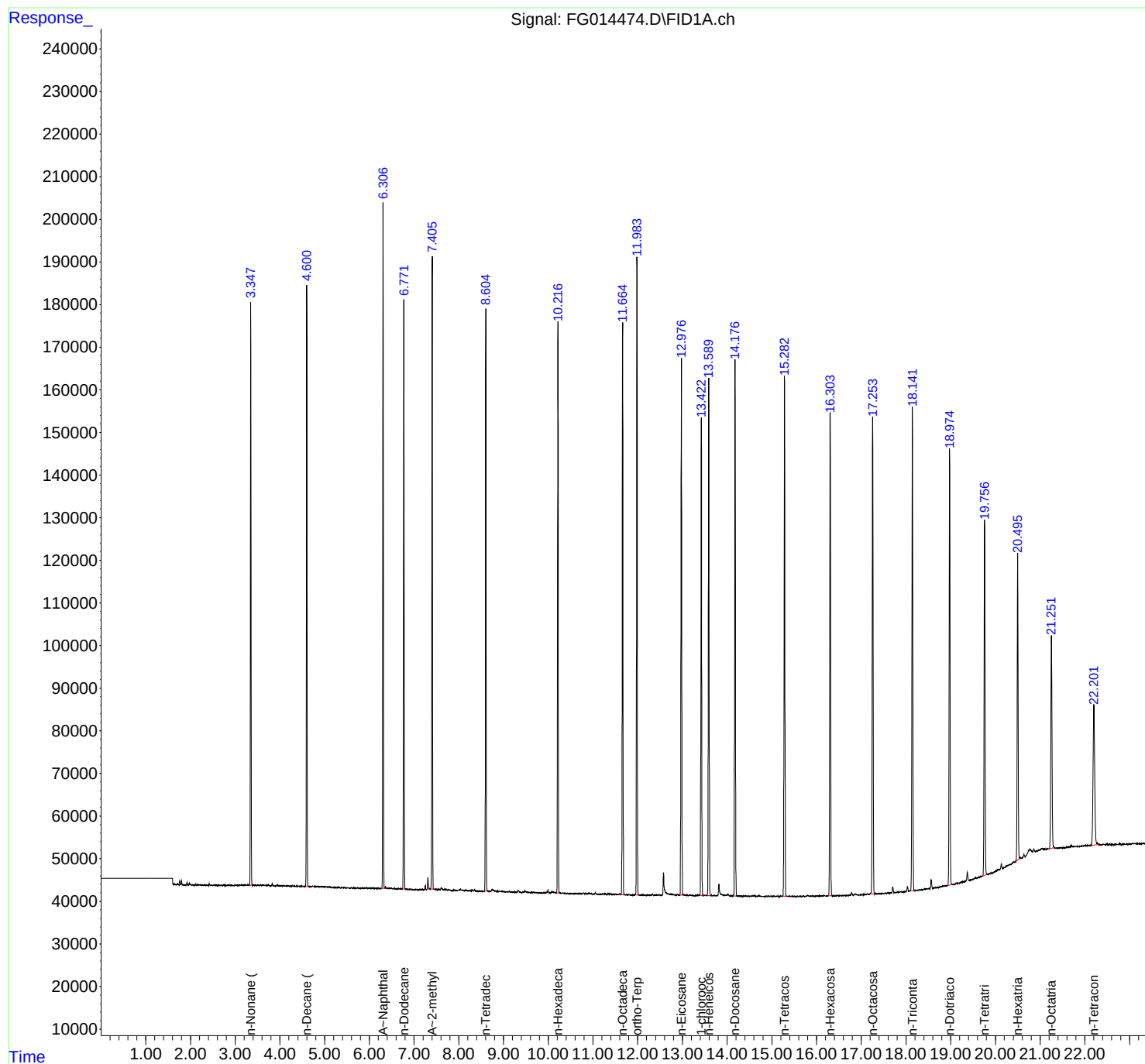
(m)=manual int.

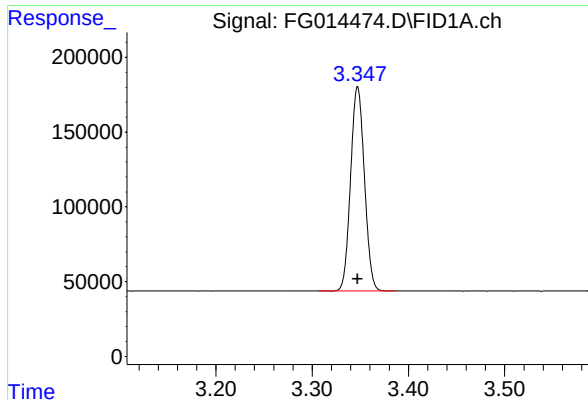
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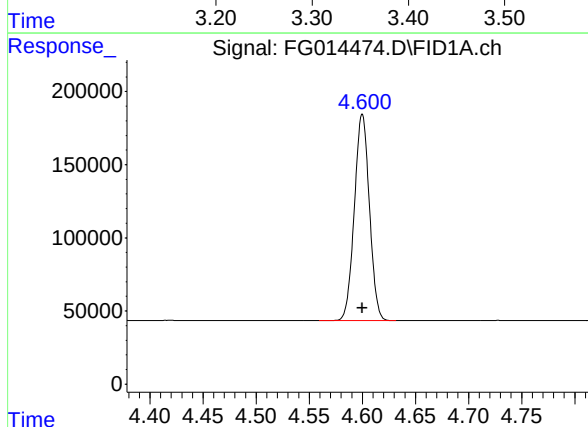




#1 n-Nonane (C9)

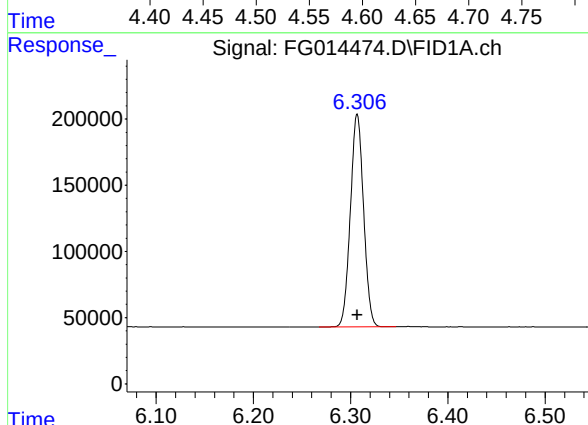
R.T.: 3.347 min
Delta R.T.: 0.000 min
Response: 1367036
Conc: 10.68 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



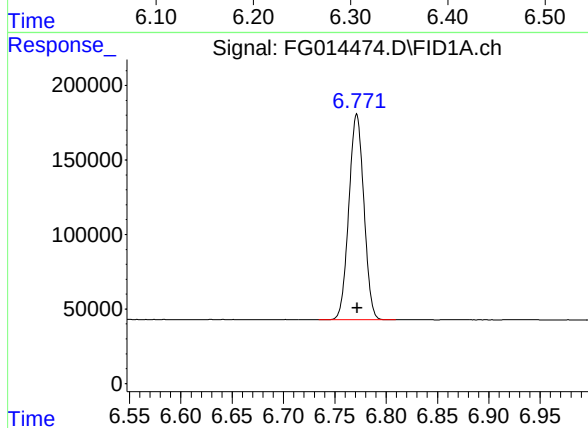
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 1389913
Conc: 10.67 ug/ml



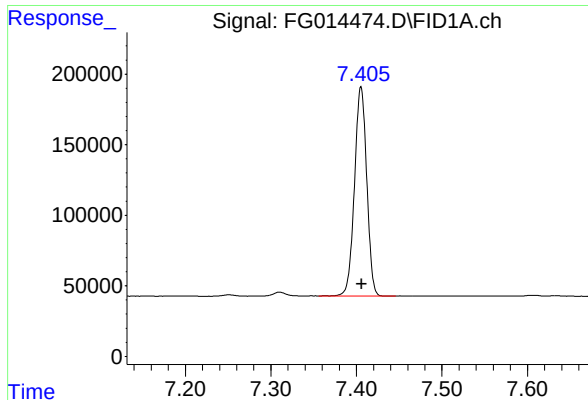
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 1513940
Conc: 10.67 ug/ml



#4 n-Dodecane (C12)

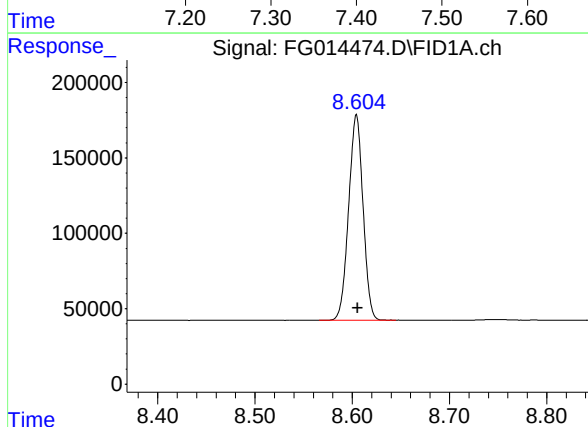
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 1401341
Conc: 10.67 ug/ml



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

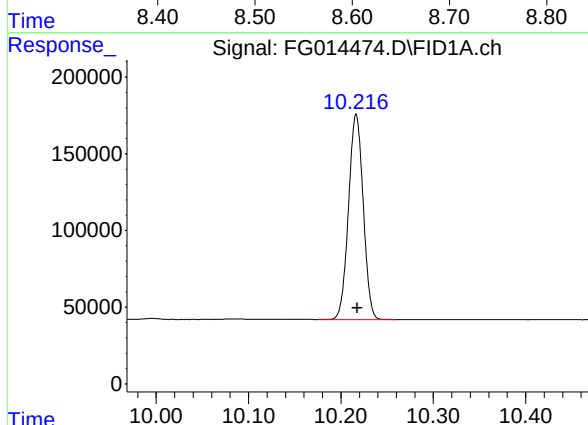
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 1472351
Conc: 10.67 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



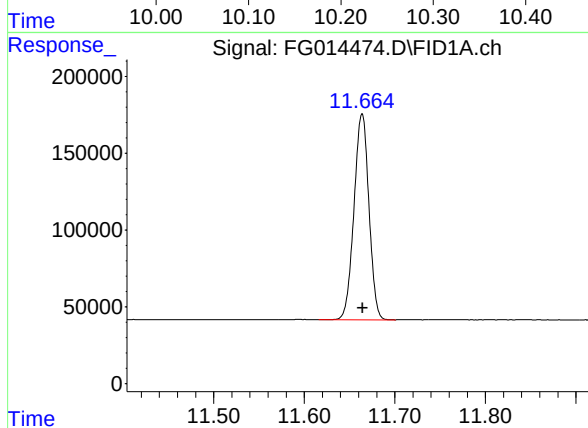
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 1401781
Conc: 10.69 ug/ml



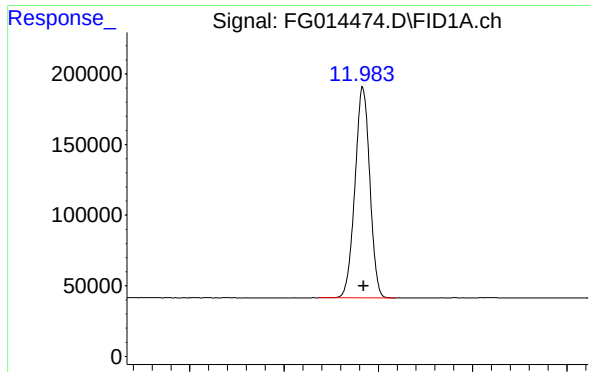
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.001 min
Response: 1476396
Conc: 10.80 ug/ml



#8 n-Octadecane (C18)

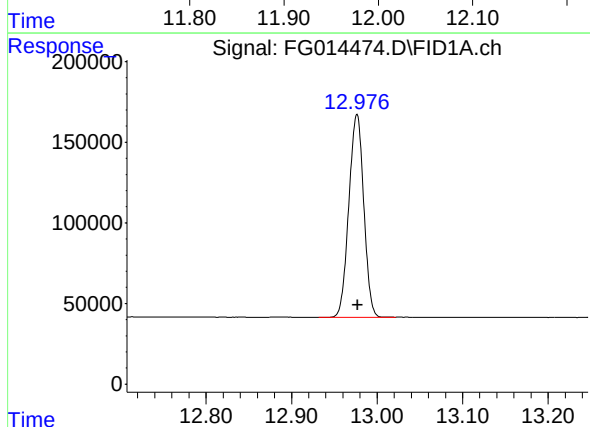
R.T.: 11.664 min
Delta R.T.: 0.000 min
Response: 1535645
Conc: 11.00 ug/ml



#9 ortho-Terphenyl (SURR)

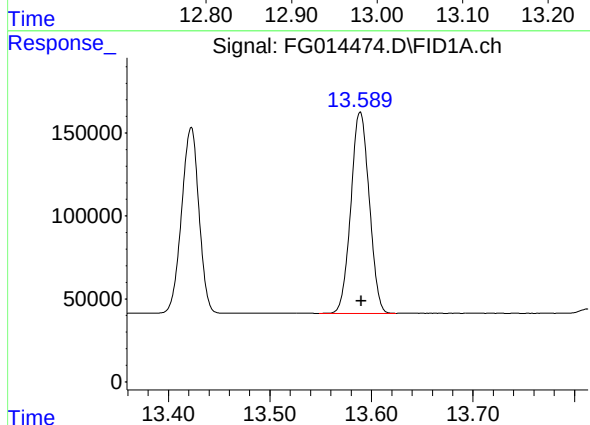
R.T.: 11.984 min
Delta R.T.: 0.000 min
Response: 1633149
Conc: 10.85 ug/ml

Instrument :
FID_G
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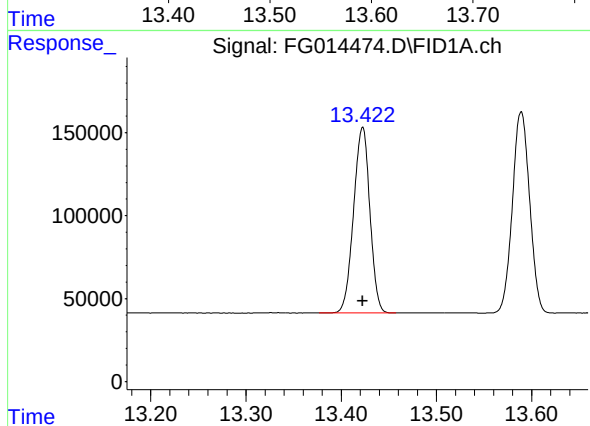
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.000 min
Response: 1523610
Conc: 11.20 ug/ml



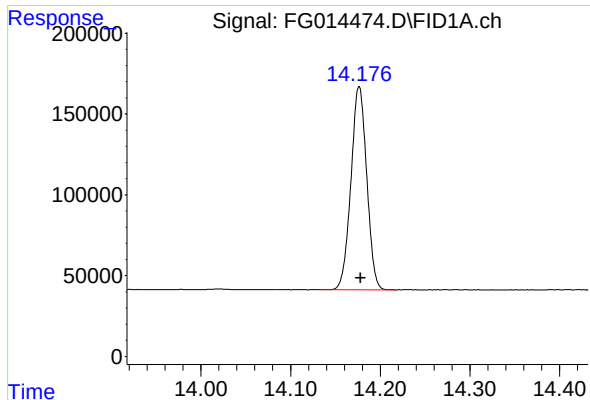
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: -0.001 min
Response: 1525021
Conc: 11.33 ug/ml



#12 1-chlorooctadecane (SURR)

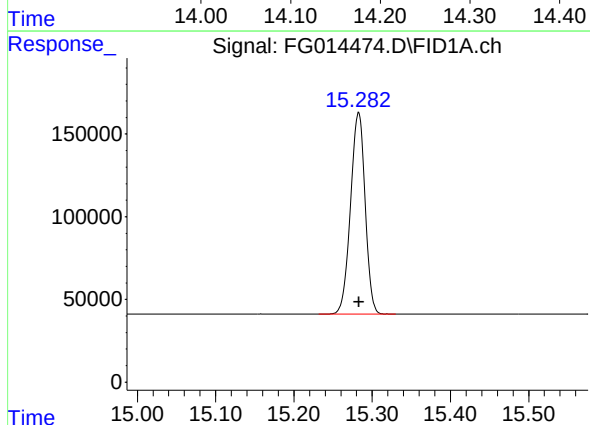
R.T.: 13.423 min
Delta R.T.: 0.000 min
Response: 1331752
Conc: 11.25 ug/ml



#13 n-Docosane (C22)

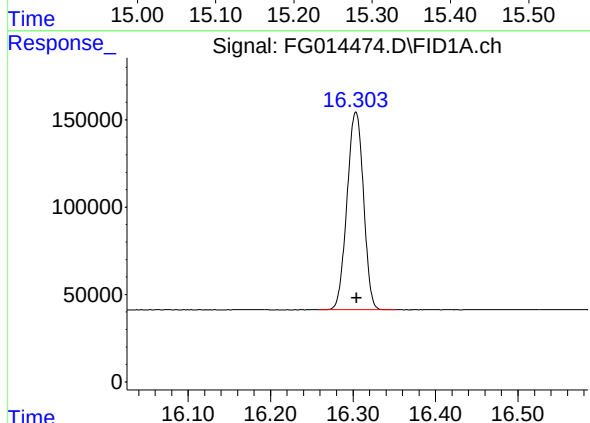
R.T.: 14.176 min
Delta R.T.: -0.002 min
Response: 1539964
Conc: 11.43 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



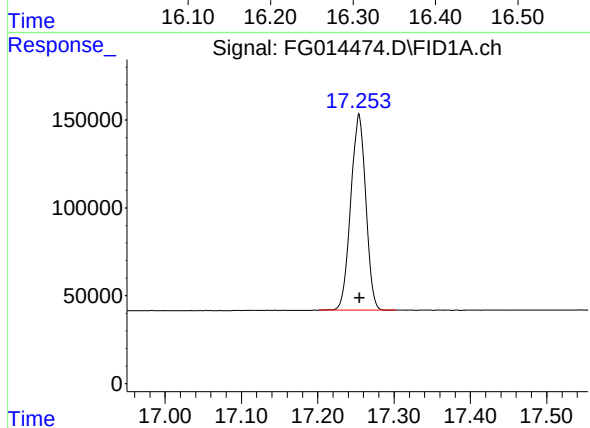
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 1573071
Conc: 11.60 ug/ml



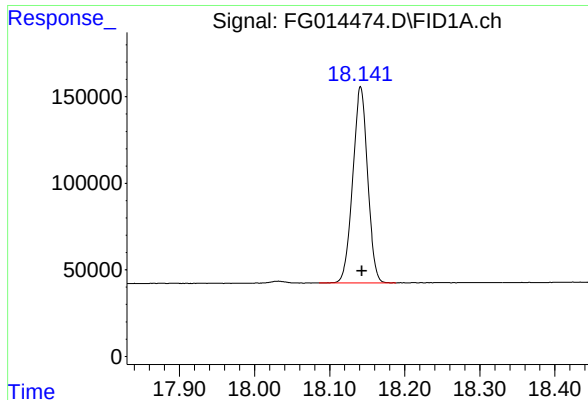
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: 0.000 min
Response: 1571293
Conc: 11.71 ug/ml



#16 n-Octacosane (C28)

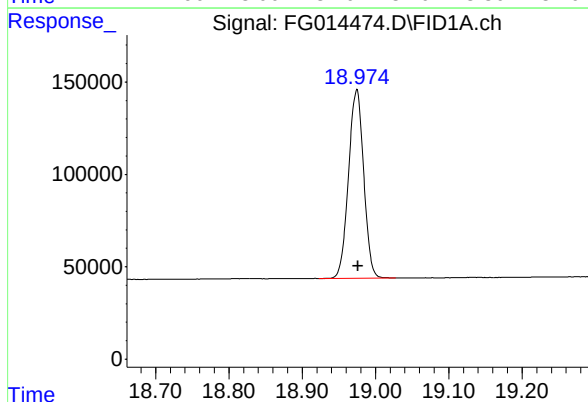
R.T.: 17.254 min
Delta R.T.: 0.000 min
Response: 1545724
Conc: 11.81 ug/ml



#17 n-Tricontane (C30)

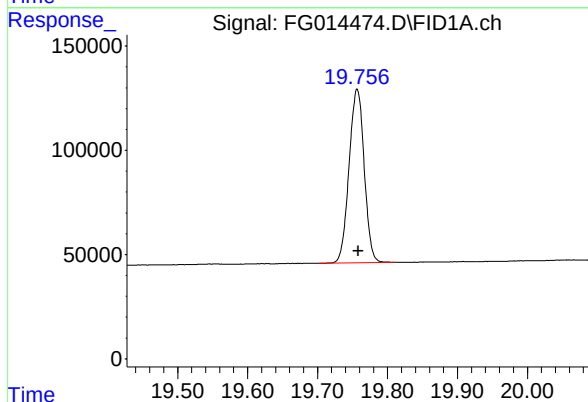
R.T.: 18.141 min
Delta R.T.: -0.002 min
Response: 1556404
Conc: 11.85 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



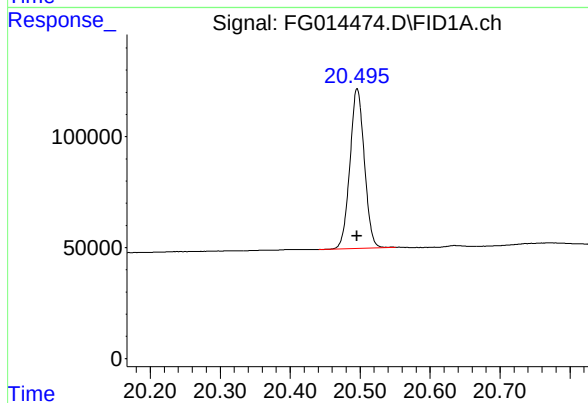
#18 n-Dotriacontane (C32)

R.T.: 18.975 min
Delta R.T.: -0.002 min
Response: 1468804
Conc: 11.84 ug/ml



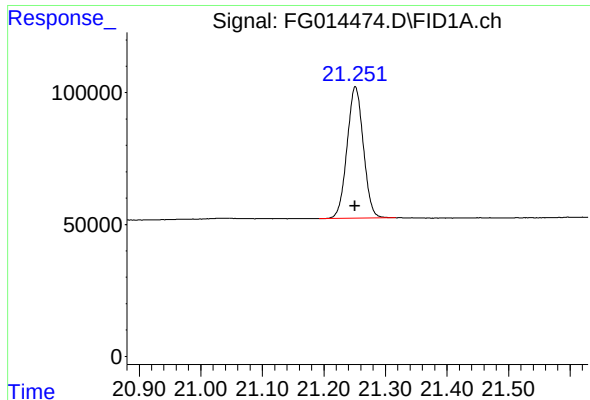
#19 n-Tetatriacontane (C34)

R.T.: 19.757 min
Delta R.T.: -0.002 min
Response: 1251076
Conc: 11.73 ug/ml



#20 n-Hexatriacontane (C36)

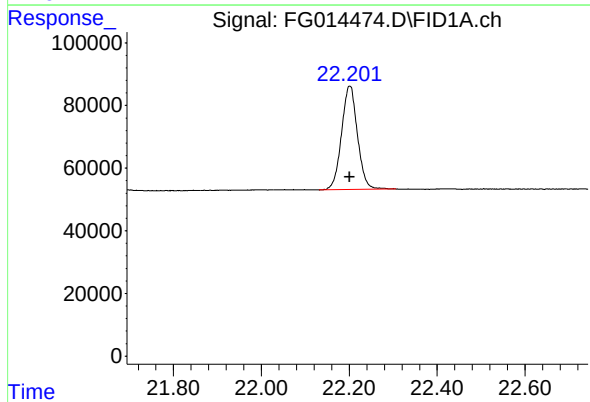
R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 1031050
Conc: 11.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.251 min
Delta R.T.: 0.000 min
Response: 913333
Conc: 11.34 ug/ml

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FID_G
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#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: 0.000 min
Response: 828726
Conc: 11.24 ug/ml