

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051923AL\
 Data File : FG011890.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2023 12:02
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 19 12:35:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:10:23 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)	10.925	1581696	10.124 ug/ml
Spiked Amount 50.000		Recovery =	20.25%
12) S 1-chlorooctadecane (S...	12.364	1202847	10.161 ug/ml
Spiked Amount 50.000		Recovery =	20.32%
Target Compounds			
1) T n-Nonane (C9)	2.761	1162679	10.162 ug/ml
2) T n-Decane (C10)	3.772	1188712	10.117 ug/ml
3) T A~Naphthalene (C11.7)	5.341	1313028	9.964 ug/ml
4) T n-Dodecane (C12)	5.765	1208690	10.076 ug/ml
5) T A~2-methylnaphthalene...	6.392	1266806	9.825 ug/ml
6) T n-Tetradecane (C14)	7.561	1222853	10.046 ug/ml
7) T n-Hexadecane (C16)	9.163	1311736	10.102 ug/ml
8) T n-Octadecane (C18)	10.607	1377812	10.162 ug/ml
10) T n-Eicosane (C20)	11.919	1372800	10.232 ug/ml
11) T n-Heneicosane (C21)	12.532	1369265	10.248 ug/ml
13) T n-Docosane (C22)	13.119	1378266	10.253 ug/ml
14) T n-Tetracosane (C24)	14.224	1385272	10.232 ug/ml
15) T n-Hexacosane (C26)	15.246	1357587	10.226 ug/ml
16) T n-Octacosane (C28)	16.198	1318396	10.238 ug/ml
17) T n-Tricontane (C30)	17.088	1328251	10.336 ug/ml
18) T n-Dotriacontane (C32)	17.920	1289139	10.355 ug/ml
19) T n-Tetratriacontane (C34)	18.706	1223984	10.246 ug/ml
20) T n-Hexatriacontane (C36)	19.447	1170134	10.304 ug/ml
21) T n-Octatriacontane (C38)	20.192	1121439	10.100 ug/ml
22) T n-Tetracontane (C40)	21.118	1067663	9.896 ug/ml

(f)=RT Delta > 1/2 Window

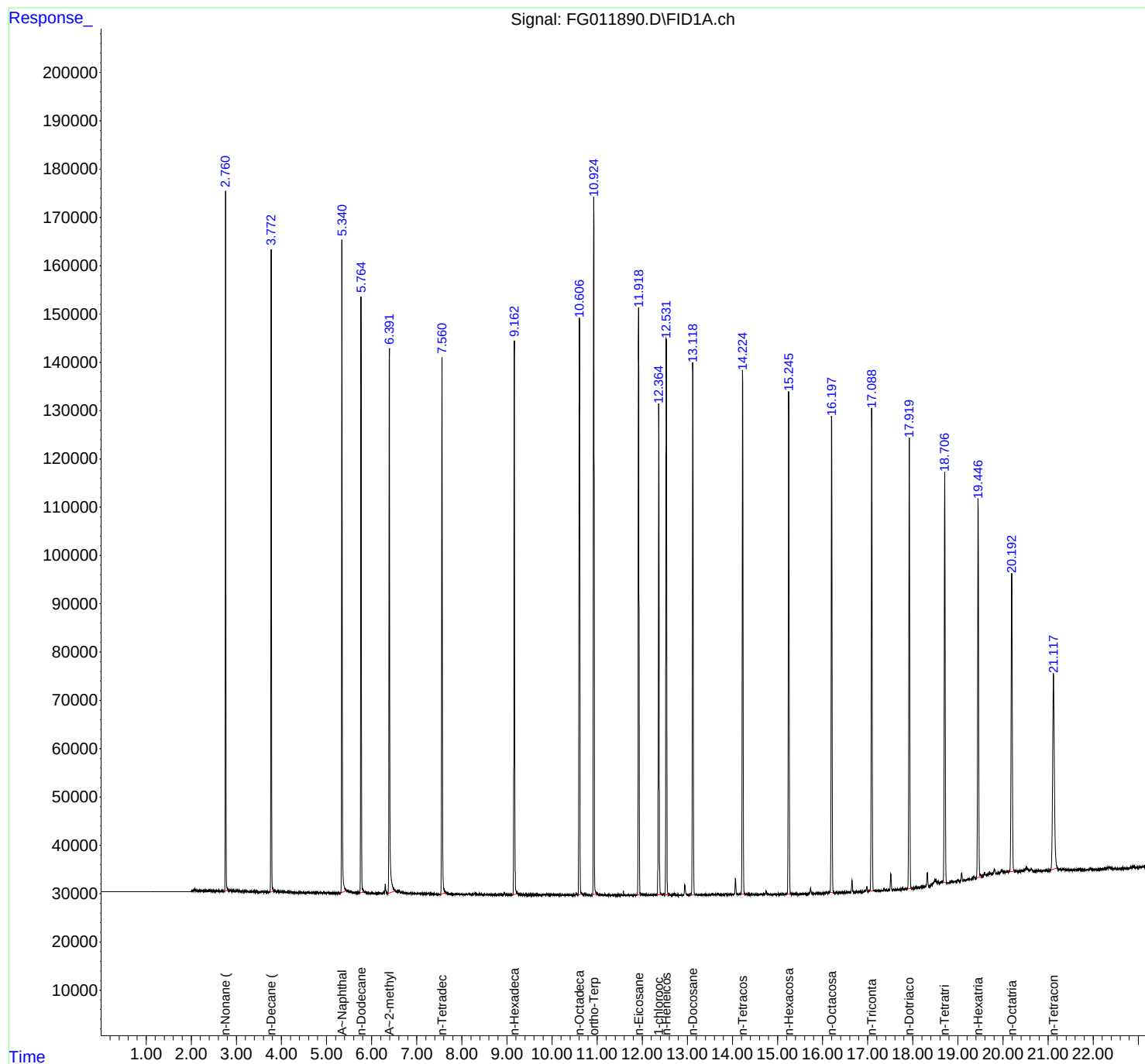
(m)=manual int.

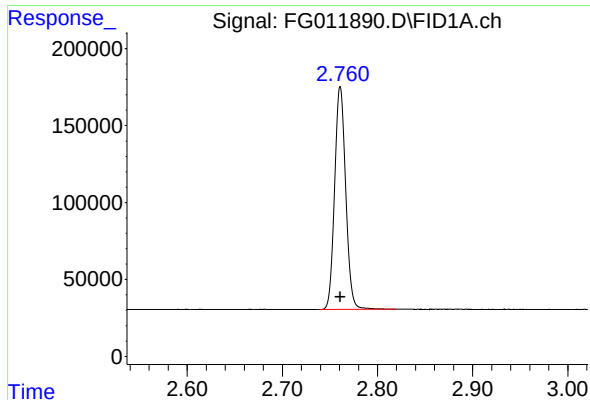
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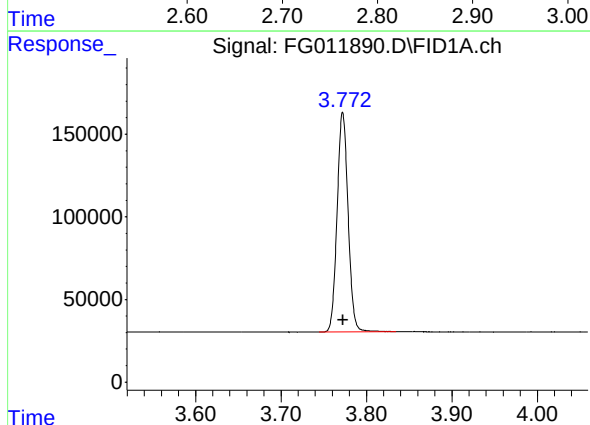




#1 n-Nonane (C9)

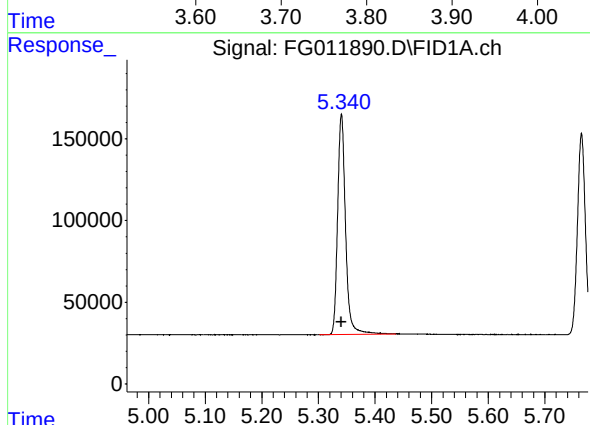
R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 1162679
Conc: 10.16 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



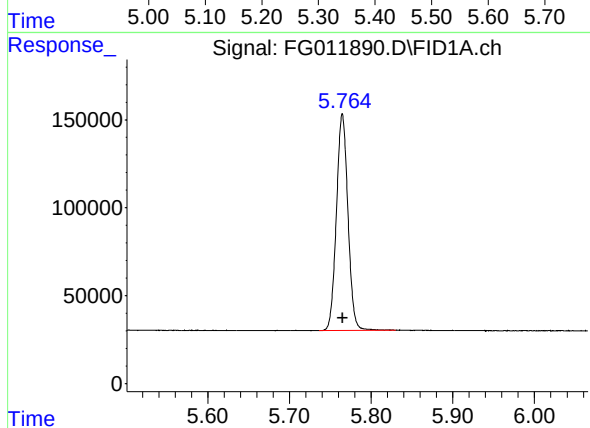
#2 n-Decane (C10)

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 1188712
Conc: 10.12 ug/ml



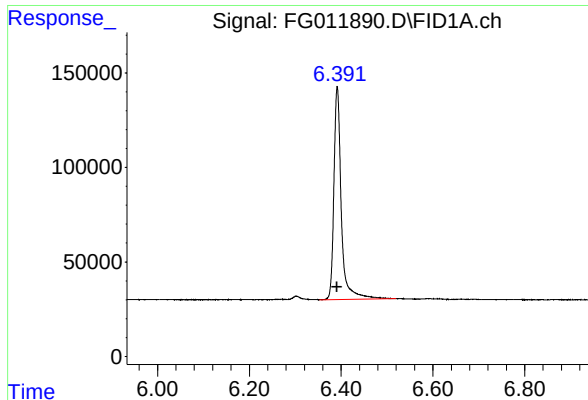
#3 A~Naphthalene (C11.7)

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 1313028
Conc: 9.96 ug/ml



#4 n-Dodecane (C12)

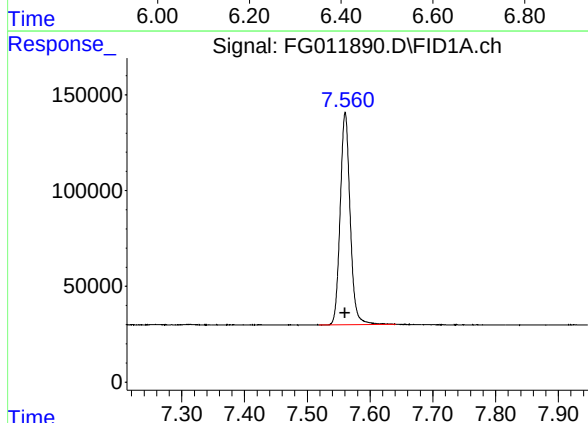
R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 1208690
Conc: 10.08 ug/ml



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

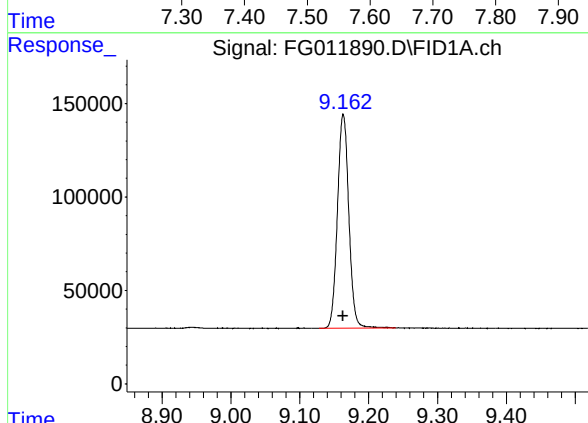
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 1266806
Conc: 9.82 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



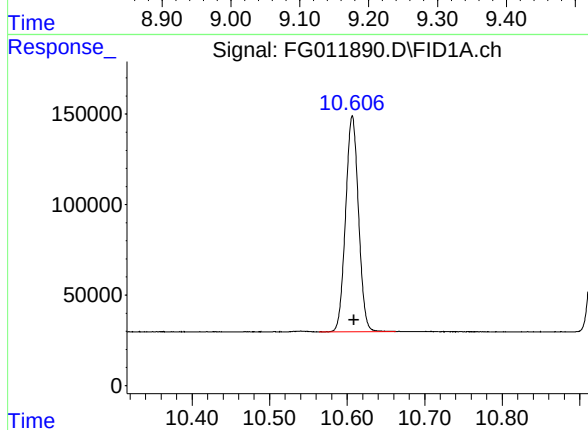
#6 n-Tetradecane (C14)

R.T.: 7.561 min
Delta R.T.: 0.000 min
Response: 1222853
Conc: 10.05 ug/ml



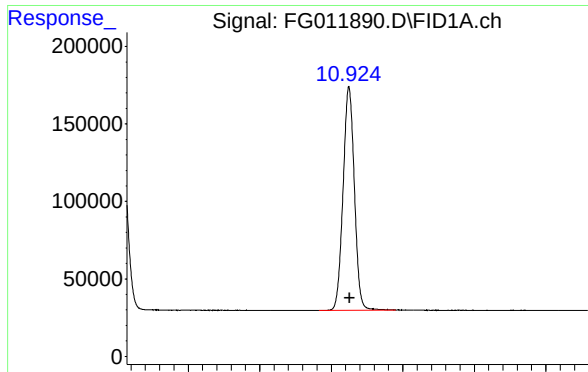
#7 n-Hexadecane (C16)

R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 1311736
Conc: 10.10 ug/ml



#8 n-Octadecane (C18)

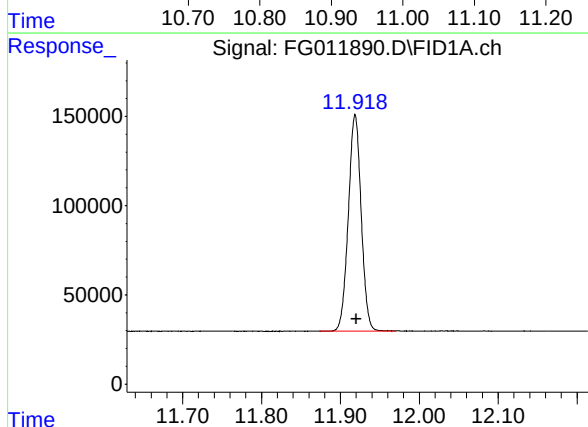
R.T.: 10.607 min
Delta R.T.: -0.002 min
Response: 1377812
Conc: 10.16 ug/ml



#9 ortho-Terphenyl (SURR)

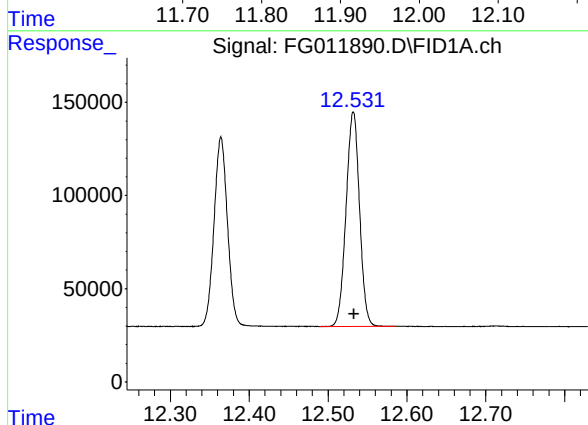
R.T.: 10.925 min
Delta R.T.: -0.001 min
Response: 1581696
Conc: 10.12 ug/ml

Instrument :
FID_G
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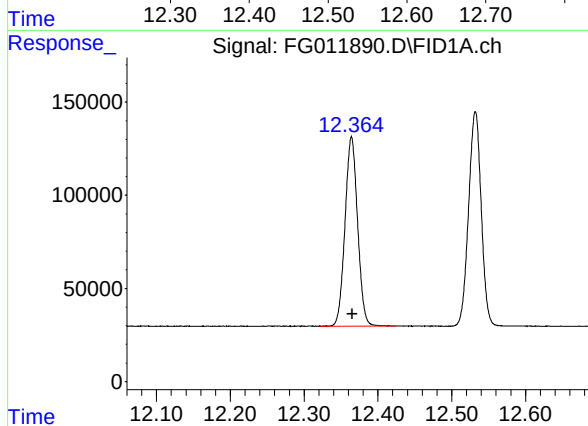
#10 n-Eicosane (C20)

R.T.: 11.919 min
Delta R.T.: -0.001 min
Response: 1372800
Conc: 10.23 ug/ml



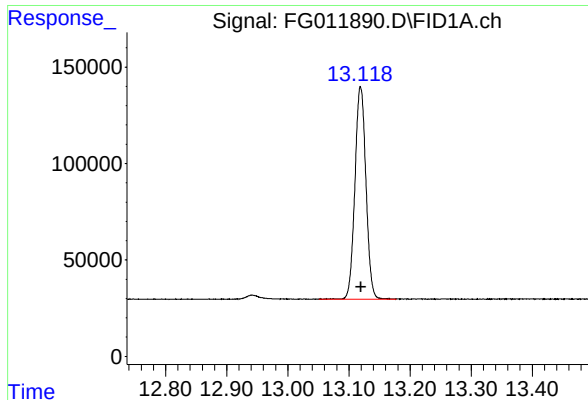
#11 n-Heneicosane (C21)

R.T.: 12.532 min
Delta R.T.: 0.000 min
Response: 1369265
Conc: 10.25 ug/ml



#12 1-chlorooctadecane (SURR)

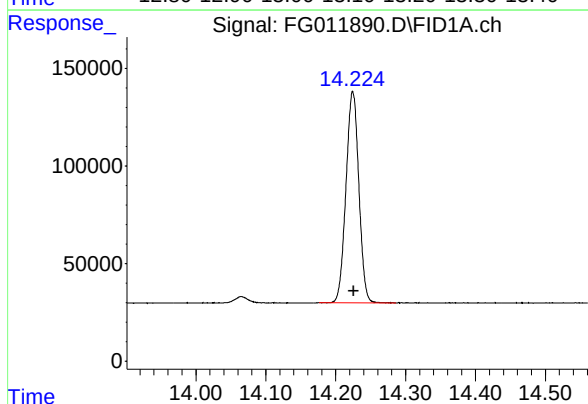
R.T.: 12.364 min
Delta R.T.: -0.001 min
Response: 1202847
Conc: 10.16 ug/ml



#13 n-Docosane (C22)

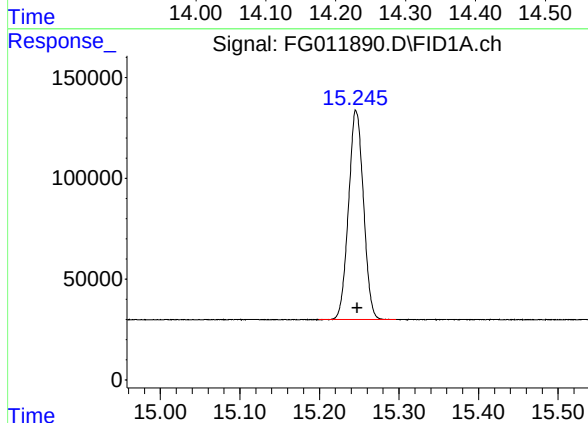
R.T.: 13.119 min
Delta R.T.: 0.000 min
Response: 1378266
Conc: 10.25 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



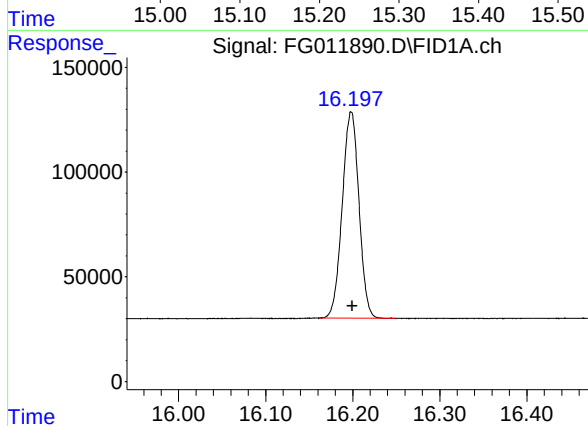
#14 n-Tetracosane (C24)

R.T.: 14.224 min
Delta R.T.: -0.001 min
Response: 1385272
Conc: 10.23 ug/ml



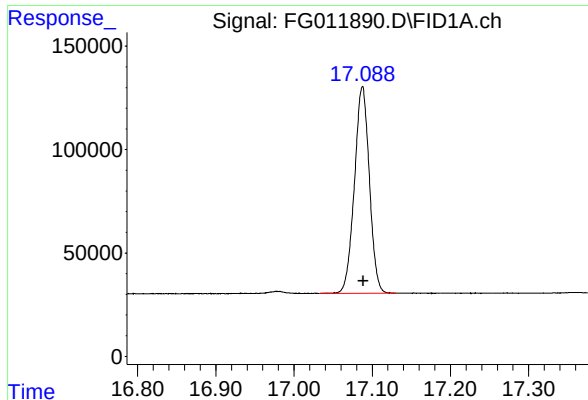
#15 n-Hexacosane (C26)

R.T.: 15.246 min
Delta R.T.: -0.001 min
Response: 1357587
Conc: 10.23 ug/ml



#16 n-Octacosane (C28)

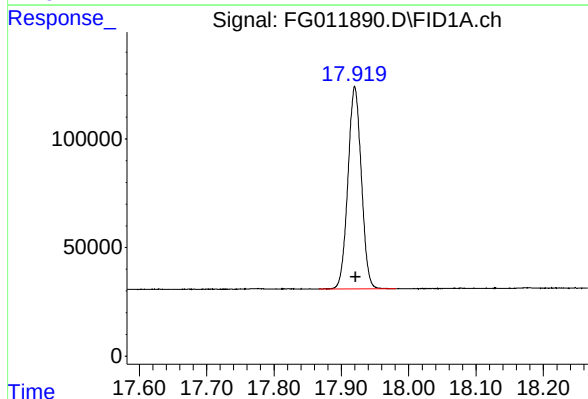
R.T.: 16.198 min
Delta R.T.: -0.001 min
Response: 1318396
Conc: 10.24 ug/ml



#17 n-Tricontane (C30)

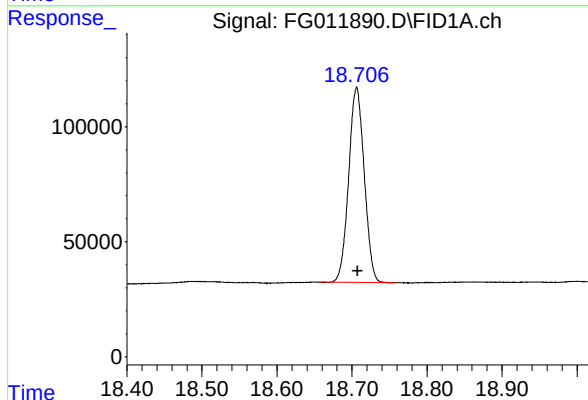
R.T.: 17.088 min
Delta R.T.: 0.000 min
Response: 1328251
Conc: 10.34 ug/ml

Instrument :
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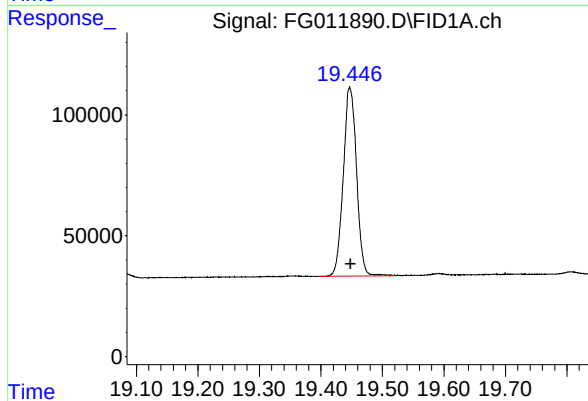
#18 n-Dotriacontane (C32)

R.T.: 17.920 min
Delta R.T.: -0.001 min
Response: 1289139
Conc: 10.36 ug/ml



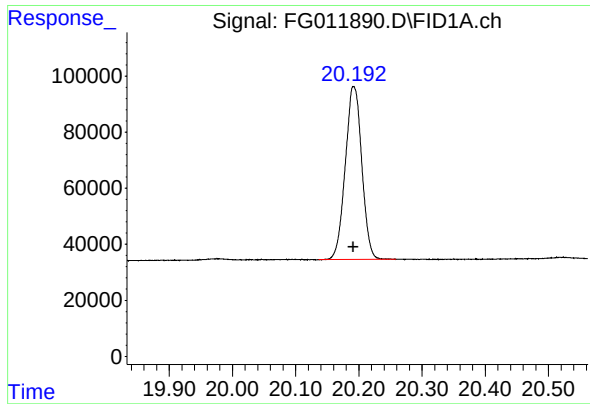
#19 n-Tetatriacontane (C34)

R.T.: 18.706 min
Delta R.T.: -0.002 min
Response: 1223984
Conc: 10.25 ug/ml



#20 n-Hexatriacontane (C36)

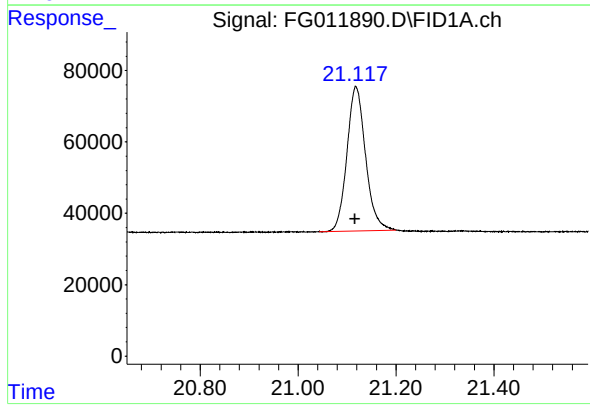
R.T.: 19.447 min
Delta R.T.: -0.002 min
Response: 1170134
Conc: 10.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.192 min
Delta R.T.: 0.000 min
Response: 1121439
Conc: 10.10 ug/ml

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FID_G
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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.118 min
Delta R.T.: 0.002 min
Response: 1067663
Conc: 9.90 ug/ml