

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071723AL\
 Data File : FG012405.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2023 15:29
 Operator : YP\AJ
 Sample : PB154223BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB154223BS

Integration File: autoint1.e
 Quant Time: Jul 18 05:45:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 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)	10.892	7012734	44.879 ug/ml
Spiked Amount 50.000		Recovery =	89.76%
12) S 1-chlorooctadecane (S...	12.329	5424713	46.805 ug/ml
Spiked Amount 50.000		Recovery =	93.61%
Target Compounds			
1) T n-Nonane (C9)	2.748	6268587	50.394 ug/ml
2) T n-Decane (C10)	3.752	6610055	51.989 ug/ml
3) T A~Naphthalene (C11.7)	5.312	7856880	56.764 ug/ml
4) T n-Dodecane (C12)	5.736	7147626	55.558 ug/ml
5) T A~2-methylnaphthalene...	6.362	7726631	59.174 ug/ml
6) T n-Tetradecane (C14)	7.532	7322783	57.341 ug/ml
7) T n-Hexadecane (C16)	9.131	7468577	56.015 ug/ml
8) T n-Octadecane (C18)	10.575	7751100	55.815 ug/ml
10) T n-Eicosane (C20)	11.886	7533788	55.725 ug/ml
11) T n-Heneicosane (C21)	12.498	7420278	55.933 ug/ml
13) T n-Docosane (C22)	13.085	7304684	55.408 ug/ml
14) T n-Tetracosane (C24)	14.183	14112462	100.481 ug/ml
15) T n-Hexacosane (C26)	15.213	6867703	54.404 ug/ml
16) T n-Octacosane (C28)	16.162	6886150	54.777 ug/ml
17) T n-Tricontane (C30)	17.052	6626106	50.144 ug/ml
18) T n-Dotriacontane (C32)	17.884	6707066	50.407 ug/ml
19) T n-Tetratriacontane (C34)	18.668	6369485	49.712 ug/ml
20) T n-Hexatriacontane (C36)	19.409	6010172	48.638 ug/ml
21) T n-Octatriacontane (C38)	20.144	5718959	47.882 ug/ml
22) T n-Tetracontane (C40)	21.053	5626107	48.554 ug/ml

(f)=RT Delta > 1/2 Window

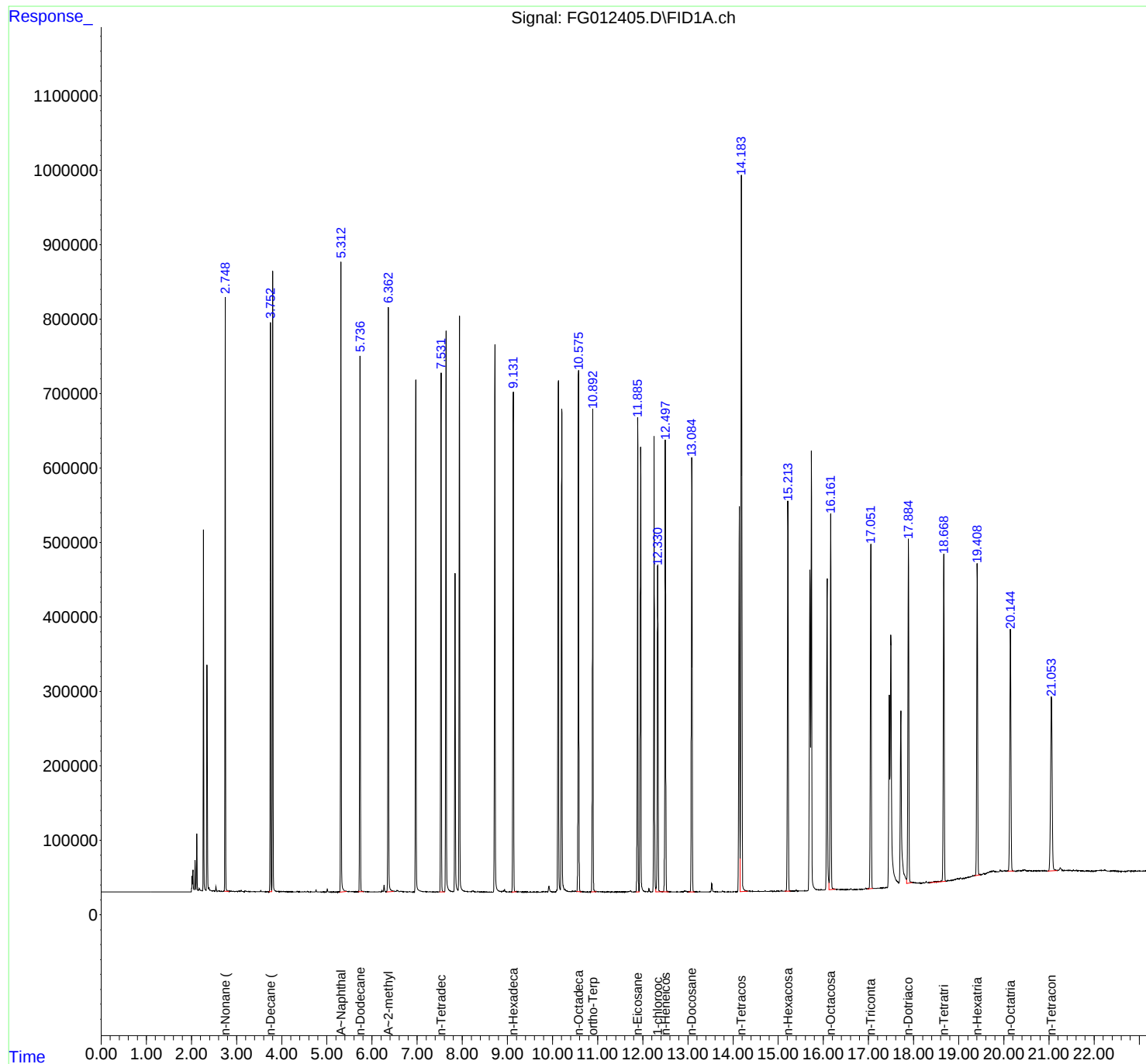
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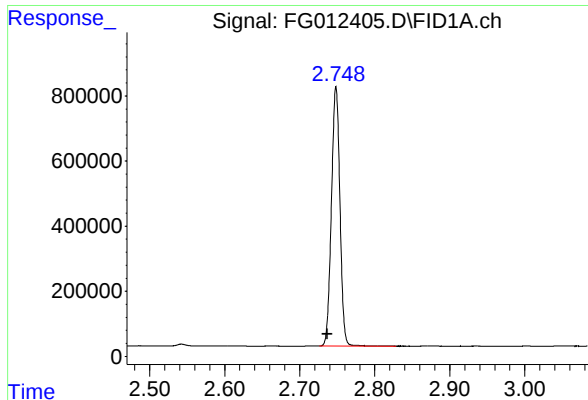
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

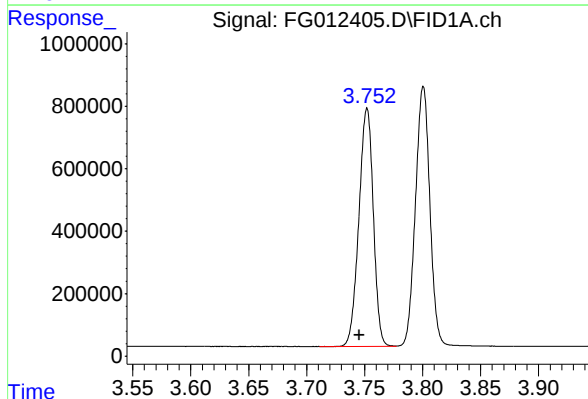




#1 n-Nonane (C9)

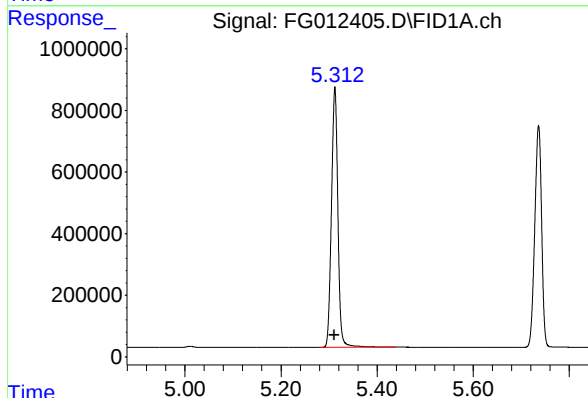
R.T.: 2.748 min
Delta R.T.: 0.011 min
Response: 6268587
Conc: 50.39 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154223BS



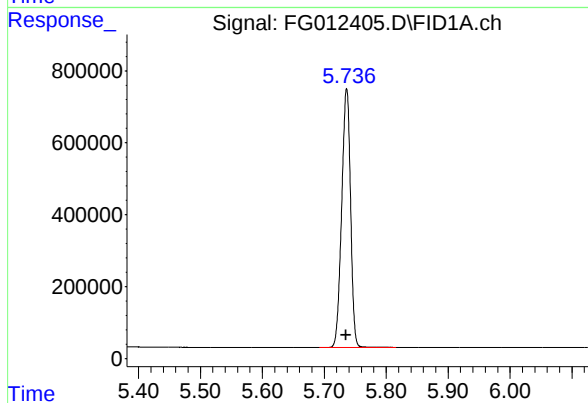
#2 n-Decane (C10)

R.T.: 3.752 min
Delta R.T.: 0.007 min
Response: 6610055
Conc: 51.99 ug/ml



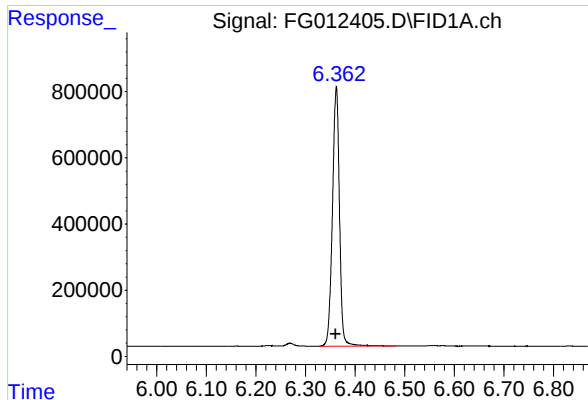
#3 A~Naphthalene (C11.7)

R.T.: 5.312 min
Delta R.T.: 0.001 min
Response: 7856880
Conc: 56.76 ug/ml



#4 n-Dodecane (C12)

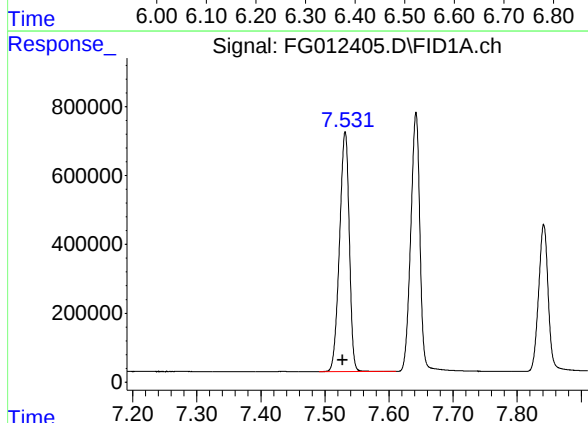
R.T.: 5.736 min
Delta R.T.: 0.001 min
Response: 7147626
Conc: 55.56 ug/ml



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

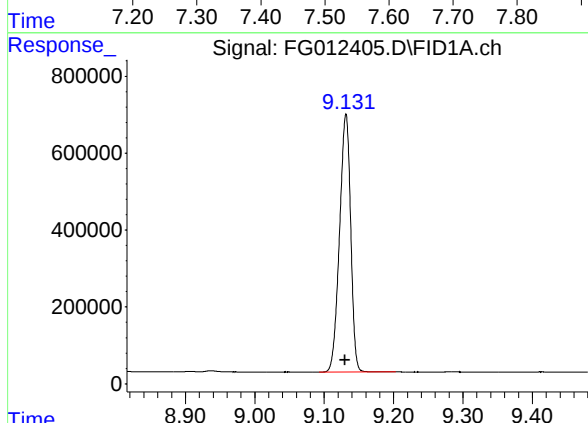
R.T.: 6.362 min
Delta R.T.: 0.001 min
Response: 7726631
Conc: 59.17 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154223BS



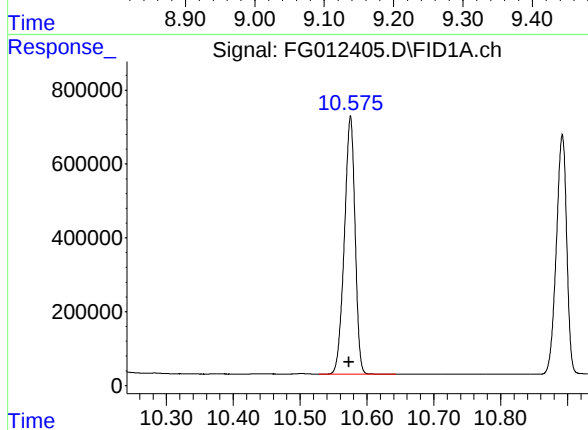
#6 n-Tetradecane (C14)

R.T.: 7.532 min
Delta R.T.: 0.004 min
Response: 7322783
Conc: 57.34 ug/ml



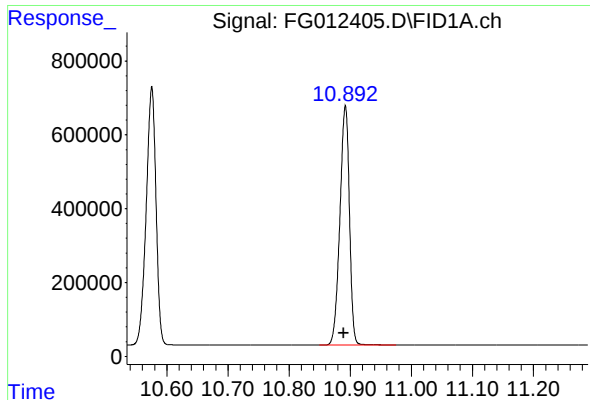
#7 n-Hexadecane (C16)

R.T.: 9.131 min
Delta R.T.: 0.001 min
Response: 7468577
Conc: 56.02 ug/ml



#8 n-Octadecane (C18)

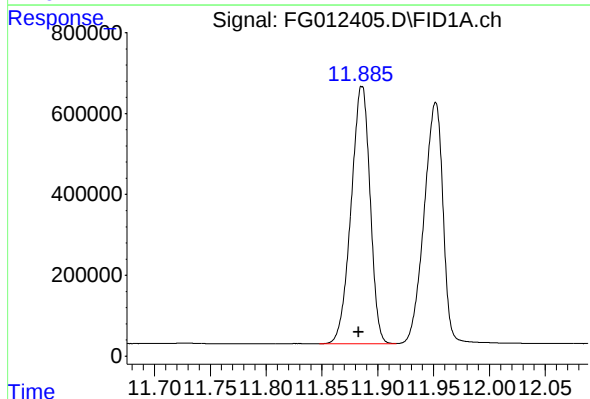
R.T.: 10.575 min
Delta R.T.: 0.003 min
Response: 7751100
Conc: 55.81 ug/ml



#9 ortho-Terphenyl (SURR)

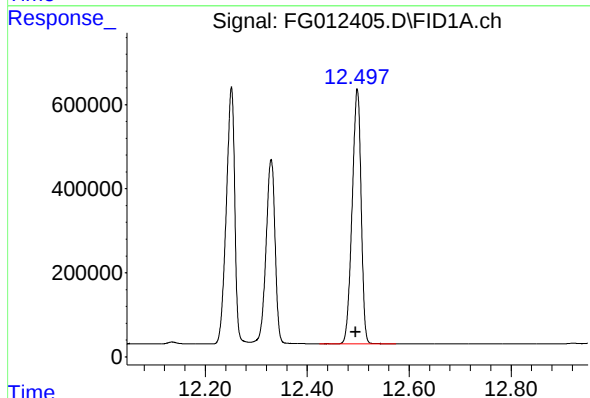
R.T.: 10.892 min
Delta R.T.: 0.003 min
Response: 7012734
Conc: 44.88 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154223BS



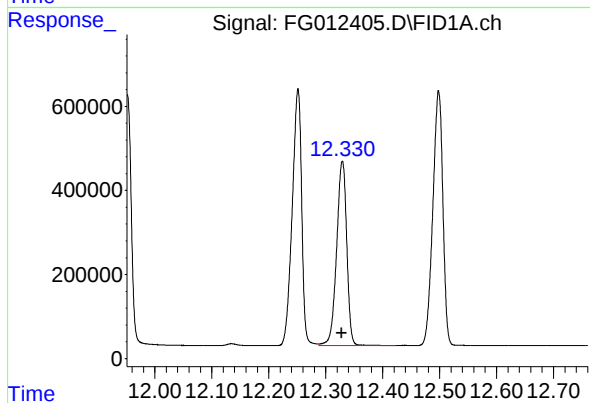
#10 n-Eicosane (C20)

R.T.: 11.886 min
Delta R.T.: 0.003 min
Response: 7533788
Conc: 55.72 ug/ml



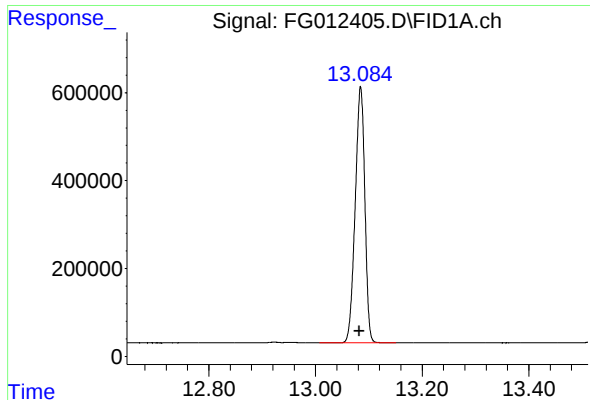
#11 n-Heneicosane (C21)

R.T.: 12.498 min
Delta R.T.: 0.003 min
Response: 7420278
Conc: 55.93 ug/ml



#12 1-chlorooctadecane (SURR)

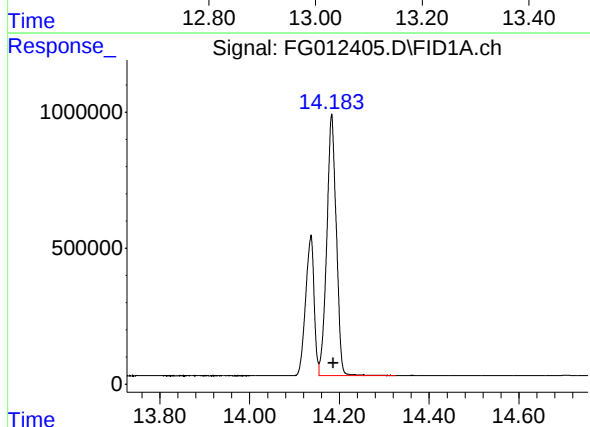
R.T.: 12.329 min
Delta R.T.: 0.001 min
Response: 5424713
Conc: 46.80 ug/ml



#13 n-Docosane (C22)

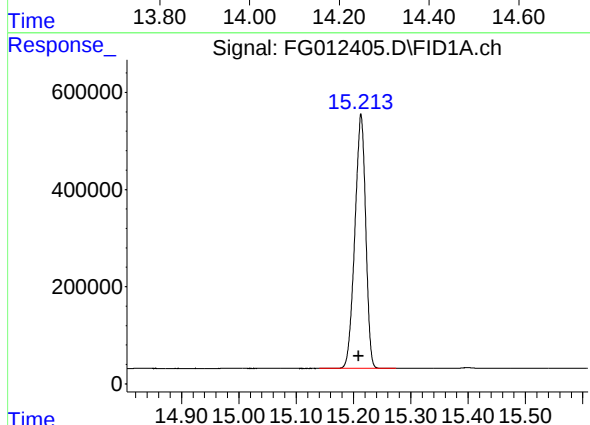
R.T.: 13.085 min
Delta R.T.: 0.002 min
Response: 7304684
Conc: 55.41 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154223BS



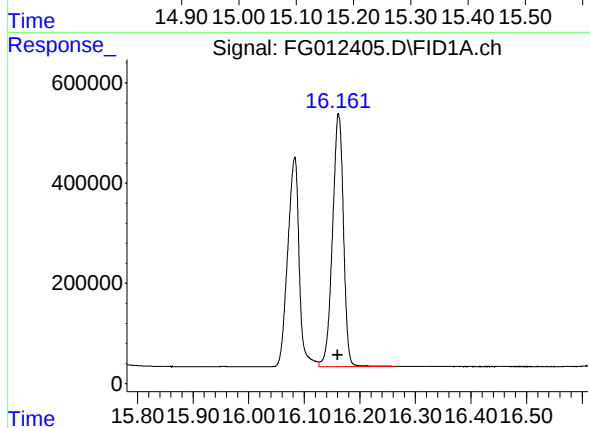
#14 n-Tetracosane (C24)

R.T.: 14.183 min
Delta R.T.: -0.004 min
Response: 14112462
Conc: 100.48 ug/ml



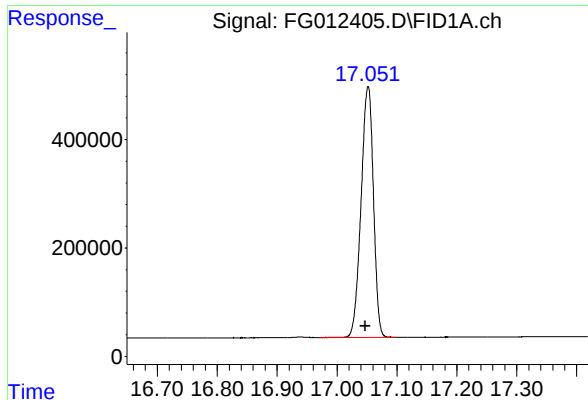
#15 n-Hexacosane (C26)

R.T.: 15.213 min
Delta R.T.: 0.004 min
Response: 6867703
Conc: 54.40 ug/ml



#16 n-Octacosane (C28)

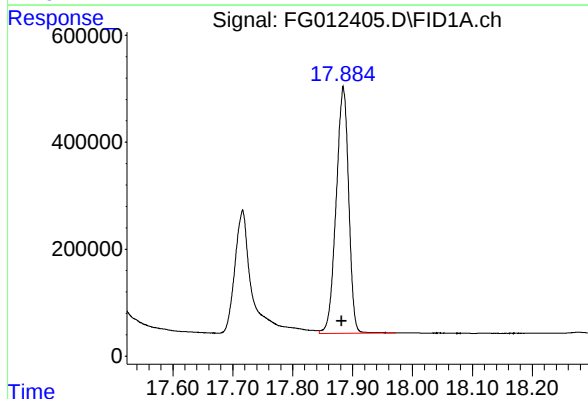
R.T.: 16.162 min
Delta R.T.: 0.002 min
Response: 6886150
Conc: 54.78 ug/ml



#17 n-Tricontane (C30)

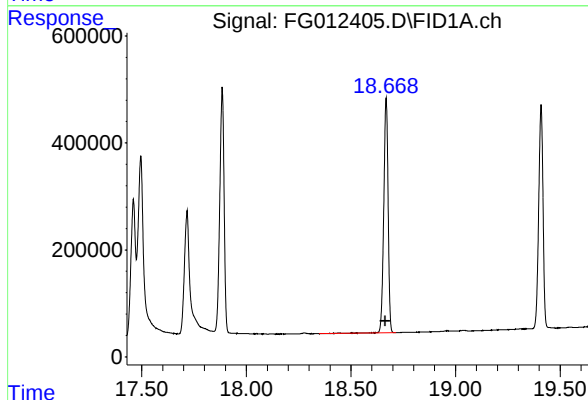
R.T.: 17.052 min
Delta R.T.: 0.005 min
Response: 6626106
Conc: 50.14 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154223BS



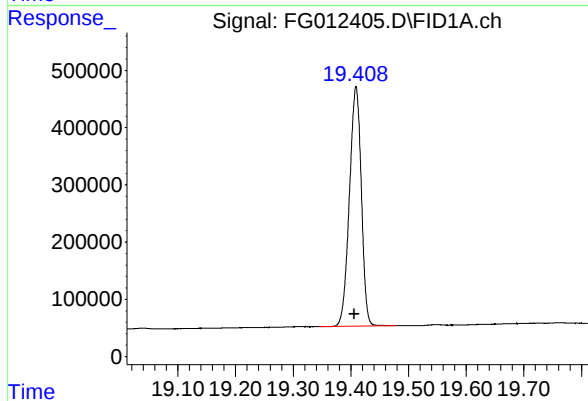
#18 n-Dotriacontane (C32)

R.T.: 17.884 min
Delta R.T.: 0.003 min
Response: 6707066
Conc: 50.41 ug/ml



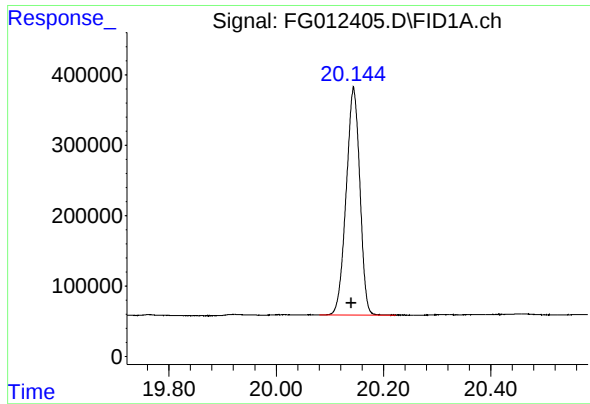
#19 n-Tetatriacontane (C34)

R.T.: 18.668 min
Delta R.T.: 0.003 min
Response: 6369485
Conc: 49.71 ug/ml



#20 n-Hexatriacontane (C36)

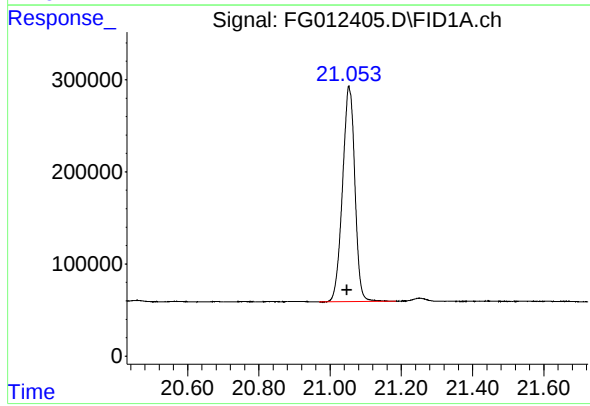
R.T.: 19.409 min
Delta R.T.: 0.003 min
Response: 6010172
Conc: 48.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.144 min
Delta R.T.: 0.004 min
Response: 5718959
Conc: 47.88 ug/ml

Instrument :
FID_G
ClientSampleId :
PB154223BS



#22 n-Tetracontane (C40)

R.T.: 21.053 min
Delta R.T.: 0.005 min
Response: 5626107
Conc: 48.55 ug/ml