Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG072924AL\
Data File : FG013980.D
Signal(s) : FID1A.ch
Acq On : 29 Jul 2024 16:26
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Jul 30 04:05:21 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
Quant Title : GC Extractables
QLast Update : Tue Jul 30 04:02:26 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)	11.853	2661366	19.605 ug/ml
Spiked Amount	50.000		Recovery =	39.21%
12) S	1-chlorooctadecane (S...	13.298	1970694	19.500 ug/ml
Spiked Amount	50.000		Recovery =	39.00%
	Target Compounds			
1) T	n-Nonane (C9)	3.225	2587203	19.852 ug/ml
2) T	n-Decane (C10)	4.476	2631347	19.817 ug/ml
3) T	A~Naphthalene (C11.7)	6.180	2734278	19.855 ug/ml
4) T	n-Dodecane (C12)	6.648	2623676	19.793 ug/ml
5) T	A~2-methylnaphthalene...	7.279	2585198	19.846 ug/ml
6) T	n-Tetradecane (C14)	8.481	2554868	19.691 ug/ml
7) T	n-Hexadecane (C16)	10.093	2586612	19.655 ug/ml
8) T	n-Octadecane (C18)	11.541	2573166	19.626 ug/ml
10) T	n-Eicosane (C20)	12.854	2427771	19.566 ug/ml
11) T	n-Heneicosane (C21)	13.467	2378078	19.599 ug/ml
13) T	n-Docosane (C22)	14.055	2352951	19.604 ug/ml
14) T	n-Tetracosane (C24)	15.162	2325649	19.618 ug/ml
15) T	n-Hexacosane (C26)	16.186	2285409	19.652 ug/ml
16) T	n-Octacosane (C28)	17.139	2245240	19.705 ug/ml
17) T	n-Tricontane (C30)	18.029	2293582	19.793 ug/ml
18) T	n-Dotriacontane (C32)	18.864	2267535	19.799 ug/ml
19) T	n-Tetratriacontane (C34)	19.651	2226548	19.622 ug/ml
20) T	n-Hexatriacontane (C36)	20.393	2155977	19.256 ug/ml
21) T	n-Octatriacontane (C38)	21.128	2151161	18.589 ug/ml
22) T	n-Tetracontane (C40)	22.033	2103365	18.077 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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20 PPM ALIPHATIC HC STD

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
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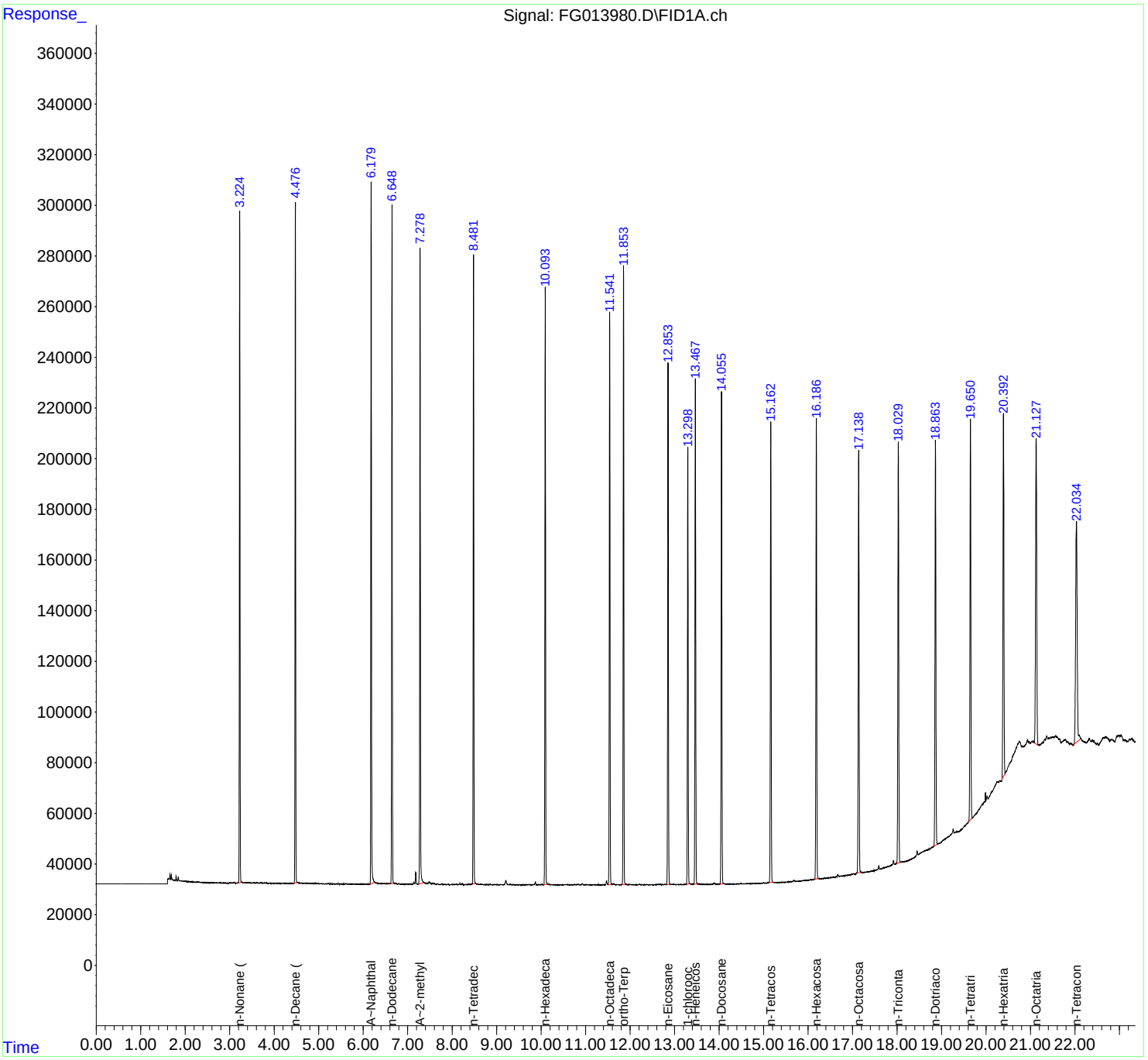
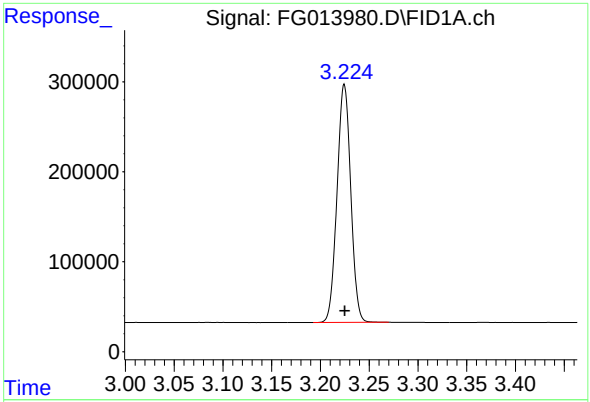
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

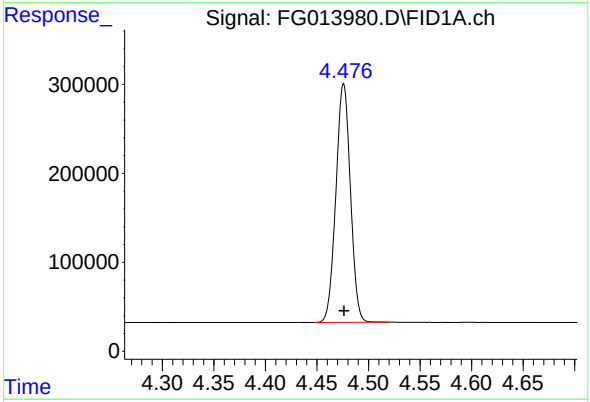




#1 n-Nonane (C9)

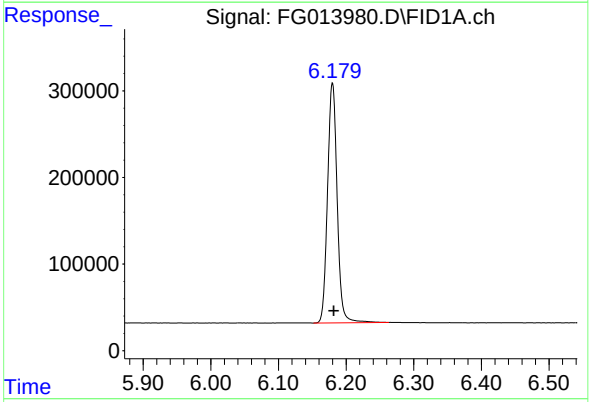
R.T.: 3.225 min
Delta R.T.: 0.000 min
Response: 2587203
Conc: 19.85 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



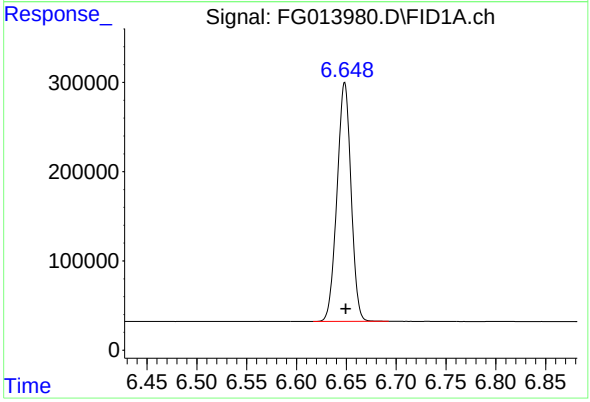
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 2631347
Conc: 19.82 ug/ml



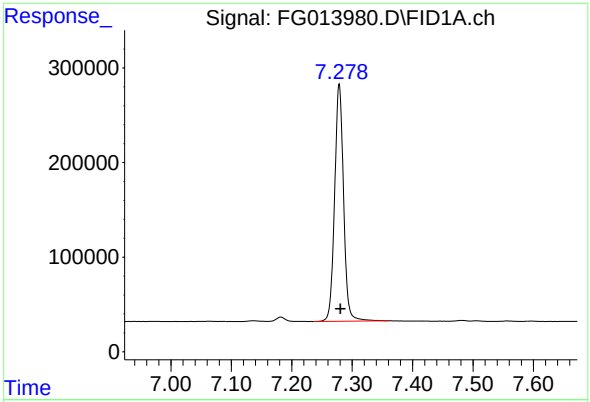
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 2734278
Conc: 19.85 ug/ml



#4 n-Dodecane (C12)

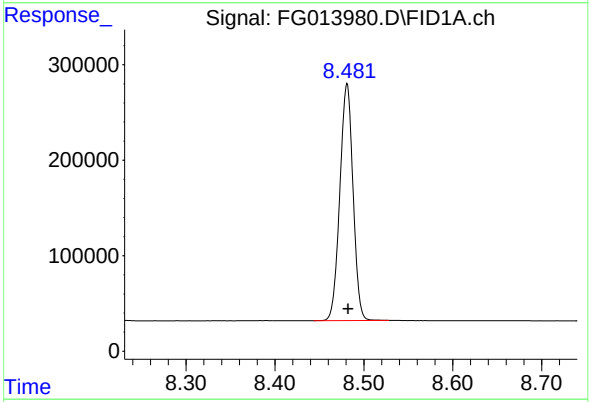
R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 2623676
Conc: 19.79 ug/ml



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

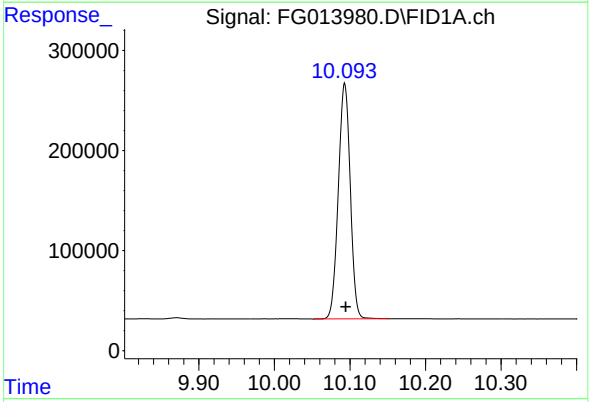
R.T.: 7.279 min
Delta R.T.: -0.002 min
Response: 2585198
Conc: 19.85 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



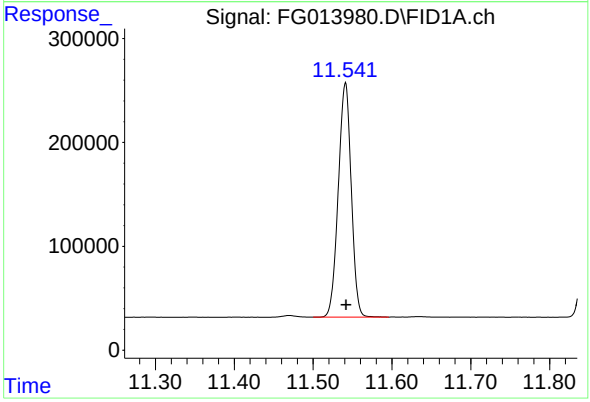
#6 n-Tetradecane (C14)

R.T.: 8.481 min
Delta R.T.: -0.001 min
Response: 2554868
Conc: 19.69 ug/ml



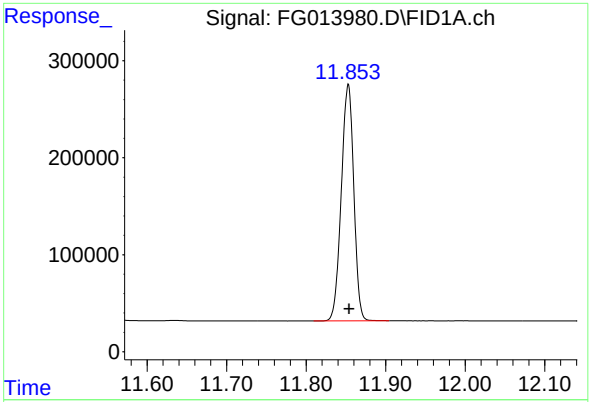
#7 n-Hexadecane (C16)

R.T.: 10.093 min
Delta R.T.: -0.001 min
Response: 2586612
Conc: 19.65 ug/ml



#8 n-Octadecane (C18)

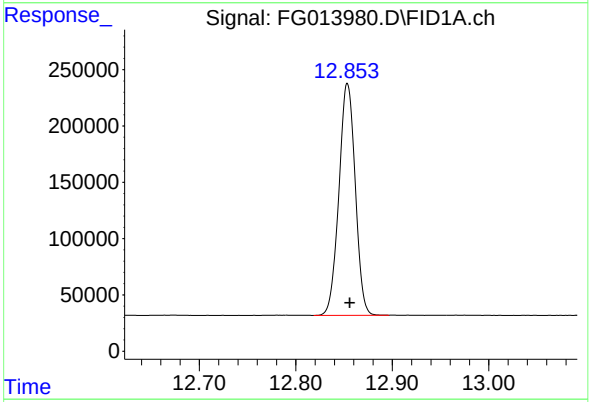
R.T.: 11.541 min
Delta R.T.: 0.000 min
Response: 2573166
Conc: 19.63 ug/ml



#9 ortho-Terphenyl (SURR)

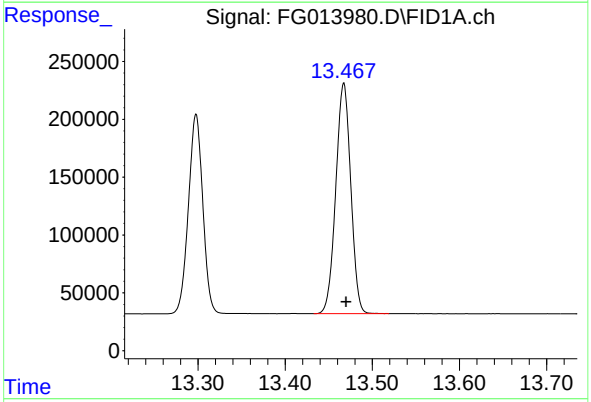
R.T.: 11.853 min
Delta R.T.: 0.000 min
Response: 2661366
Conc: 19.61 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



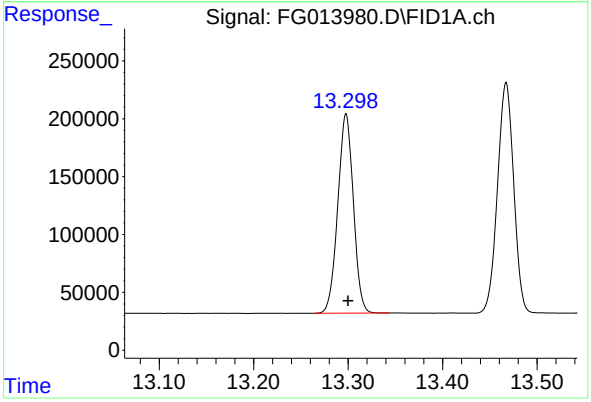
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: -0.002 min
Response: 2427771
Conc: 19.57 ug/ml



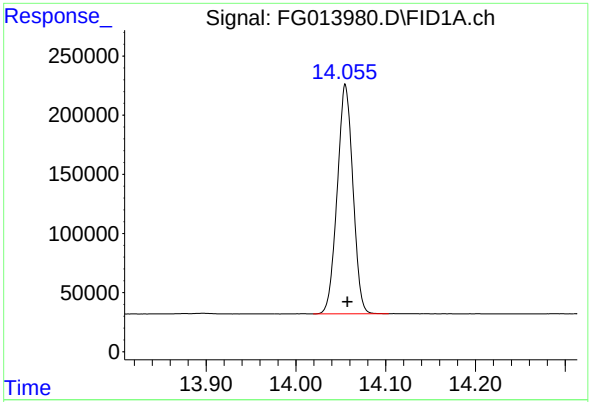
#11 n-Heneicosane (C21)

R.T.: 13.467 min
Delta R.T.: -0.003 min
Response: 2378078
Conc: 19.60 ug/ml



#12 1-chlorooctadecane (SURR)

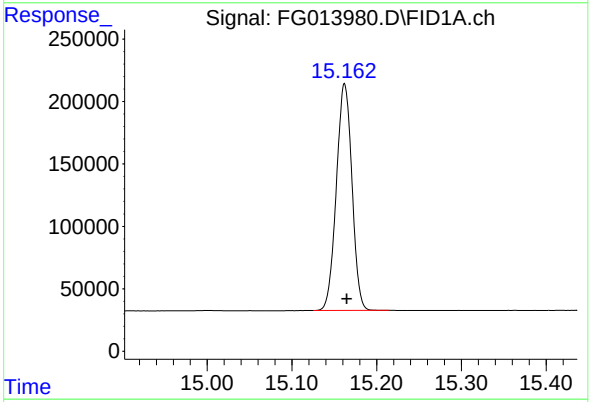
R.T.: 13.298 min
Delta R.T.: -0.002 min
Response: 1970694
Conc: 19.50 ug/ml



#13 n-Docosane (C22)

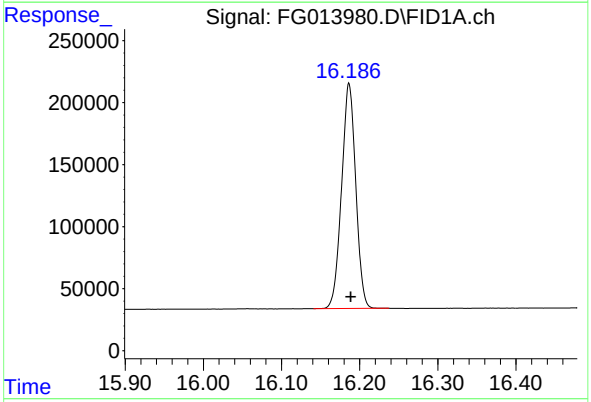
R.T.: 14.055 min
Delta R.T.: -0.002 min
Response: 2352951
Conc: 19.60 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



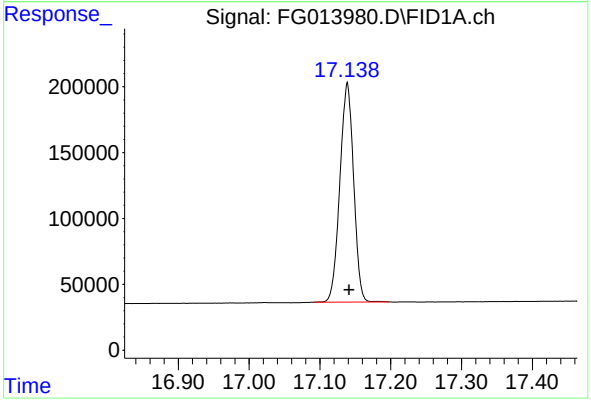
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.003 min
Response: 2325649
Conc: 19.62 ug/ml



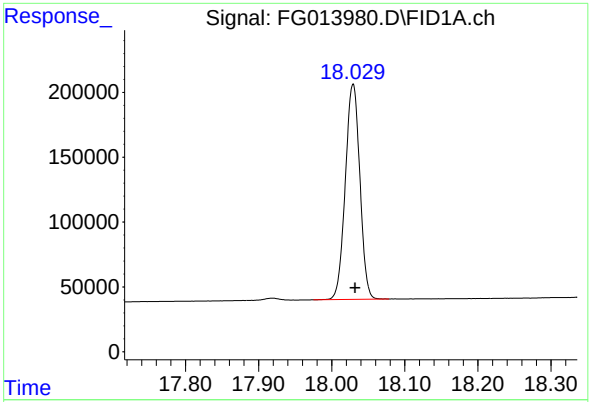
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: -0.002 min
Response: 2285409
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

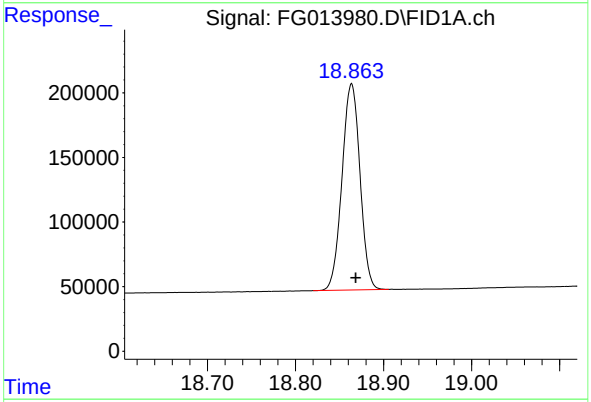
R.T.: 17.139 min
Delta R.T.: -0.003 min
Response: 2245240
Conc: 19.71 ug/ml



#17 n-Tricontane (C30)

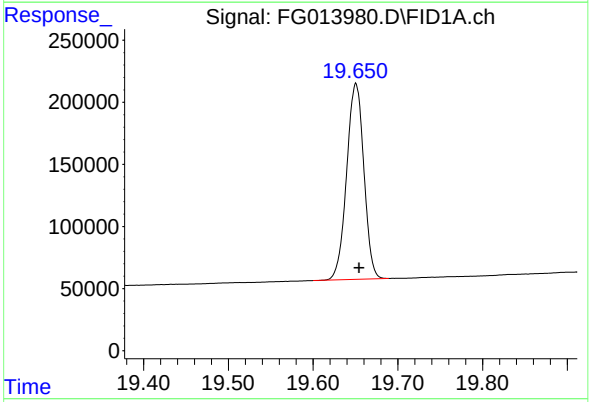
R.T.: 18.029 min
Delta R.T.: -0.003 min
Response: 2293582
Conc: 19.79 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



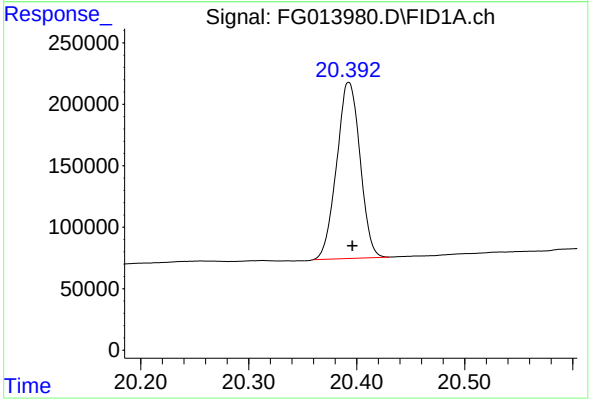
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.005 min
Response: 2267535
Conc: 19.80 ug/ml



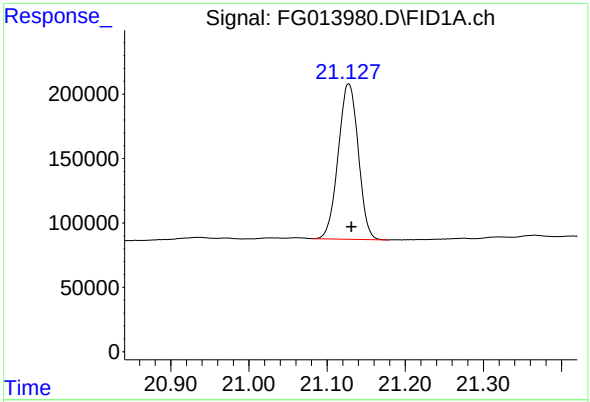
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: -0.004 min
Response: 2226548
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: -0.003 min
Response: 2155977
Conc: 19.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.128 min
Delta R.T.: -0.004 min
Response: 2151161
Conc: 18.59 ug/ml

Instrument :
FID_G
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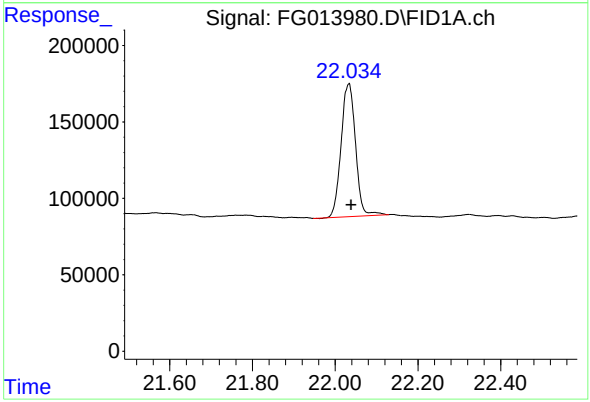
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: -0.005 min
Response: 2103365
Conc: 18.08 ug/ml