Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020924AL\
Data File : FE046669.D
Signal(s) : FID1B.ch
Acq On : 09 Feb 2024 12:37
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: autoint1.e
Quant Time: Feb 10 03:53:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 14:56:03 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)	11.809	3465959	18.744 ug/ml
Spiked Amount	50.000		Recovery =	37.49%
12) S	1-chlorooctadecane (S...	13.251	2618312	18.403 ug/ml
Spiked Amount	50.000		Recovery =	36.81%
	Target Compounds			
1) T	n-Nonane (C9)	3.198	3004148	18.598 ug/ml
2) T	n-Decane (C10)	4.449	3397517	20.731 ug/ml
3) T	A~Naphthalene (C11.7)	6.153	3487844	20.397 ug/ml
4) T	n-Dodecane (C12)	6.616	3424773	20.705 ug/ml
5) T	A~2-methylnaphthalene...	7.250	3294006	20.653 ug/ml
6) T	n-Tetradecane (C14)	8.442	3337639	20.364 ug/ml
7) T	n-Hexadecane (C16)	10.051	3389787	19.837 ug/ml
8) T	n-Octadecane (C18)	11.496	3369326	19.326 ug/ml
10) T	n-Eicosane (C20)	12.805	3172060	18.683 ug/ml
11) T	n-Heneicosane (C21)	13.418	3095706	18.561 ug/ml
13) T	n-Docosane (C22)	14.006	3061522	18.480 ug/ml
14) T	n-Tetracosane (C24)	15.109	3039122	18.419 ug/ml
15) T	n-Hexacosane (C26)	16.130	2985173	18.495 ug/ml
16) T	n-Octacosane (C28)	17.083	2961763	18.867 ug/ml
17) T	n-Tricontane (C30)	17.971	3049914	19.472 ug/ml
18) T	n-Dotriacontane (C32)	18.805	2980122	19.715 ug/ml
19) T	n-Tetratriacontane (C34)	19.591	2742862	19.338 ug/ml
20) T	n-Hexatriacontane (C36)	20.333	2647612	19.208 ug/ml
21) T	n-Octatriacontane (C38)	21.059	2755943	21.498 ug/ml
22) T	n-Tetracontane (C40)	21.944	2571974	20.570 ug/ml

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

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Signal(s) : FID1B.ch
Acq On : 09 Feb 2024 12:37
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 14:56:03 2024
Response via : Initial Calibration
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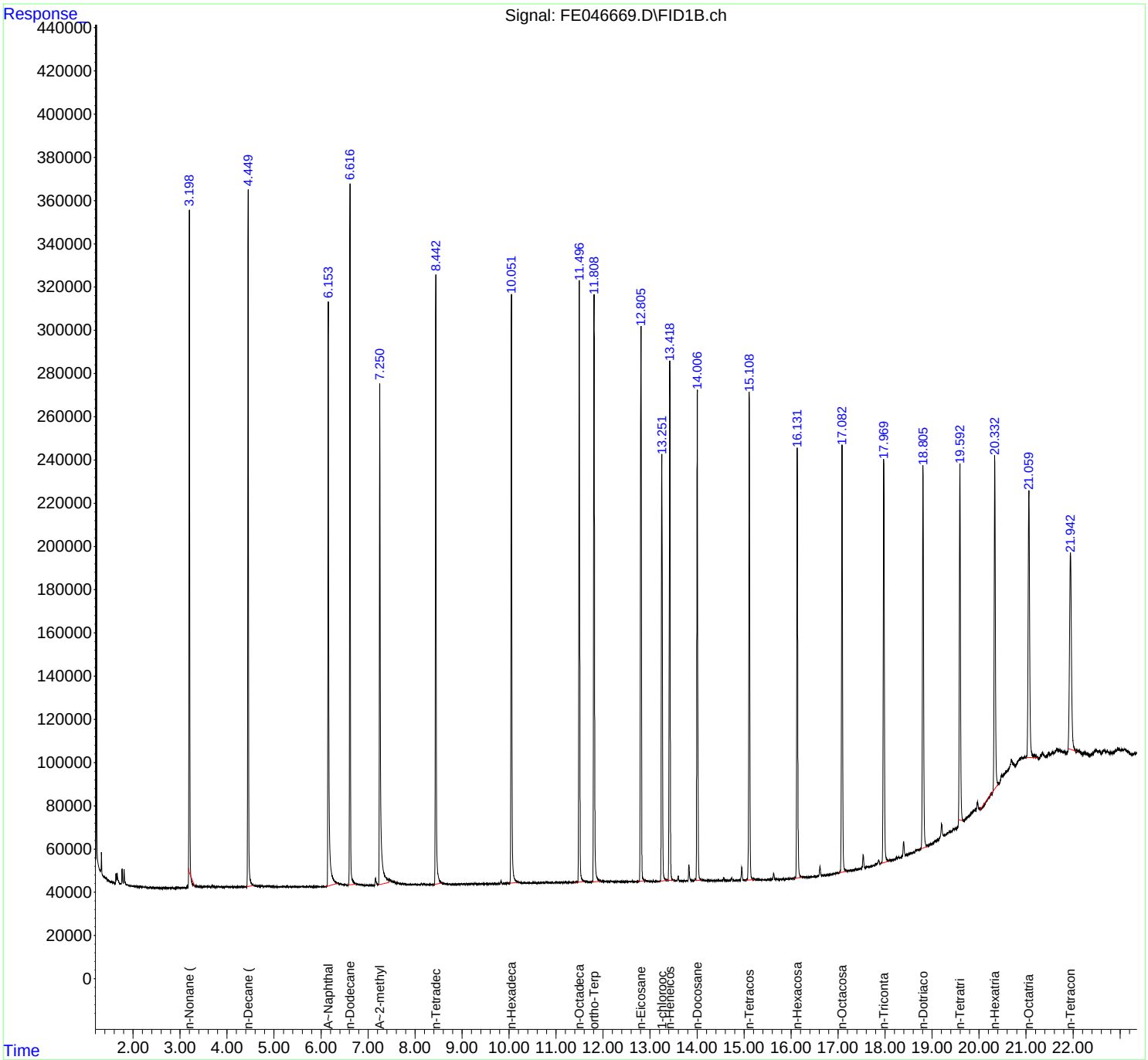
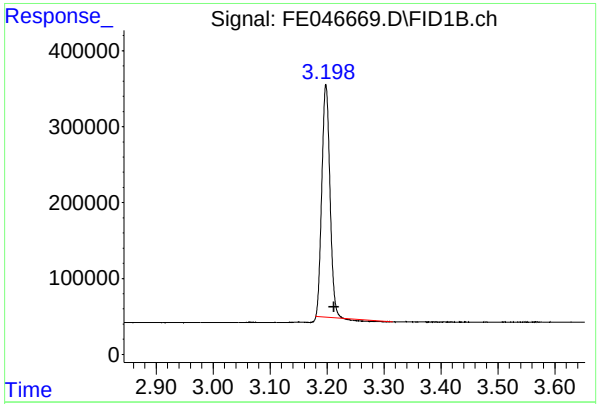
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

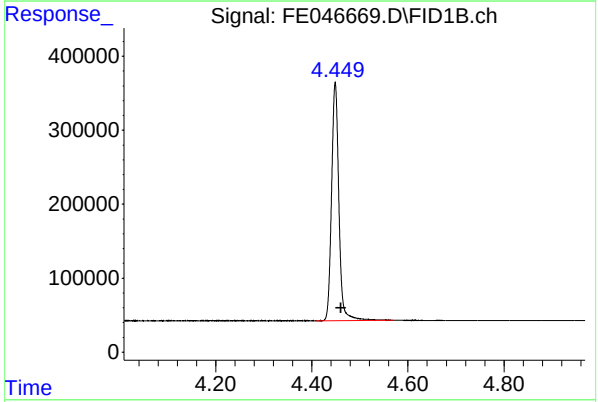




#1 n-Nonane (C9)

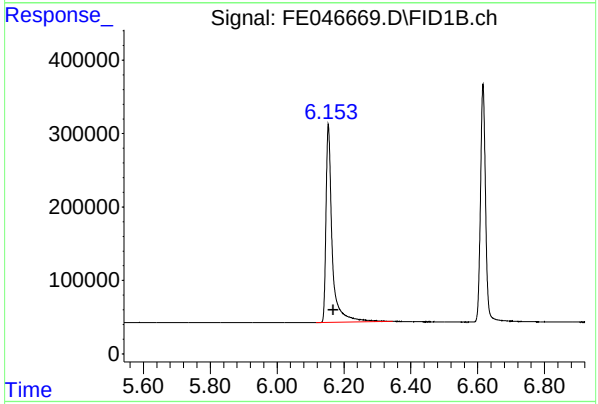
R.T.: 3.198 min
Delta R.T.: -0.014 min
Response: 3004148
Conc: 18.60 ug/ml

Instrument :
FID_E
ClientSampleId :



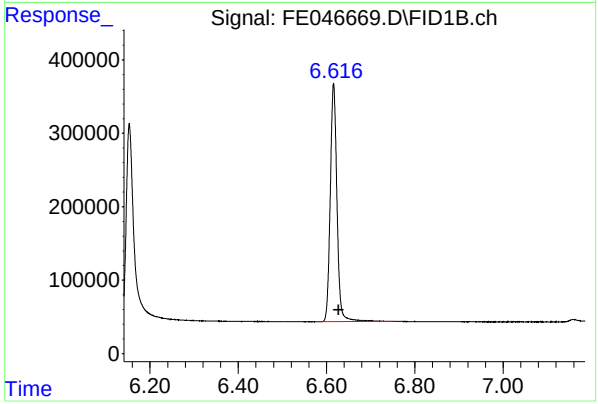
#2 n-Decane (C10)

R.T.: 4.449 min
Delta R.T.: -0.012 min
Response: 3397517
Conc: 20.73 ug/ml



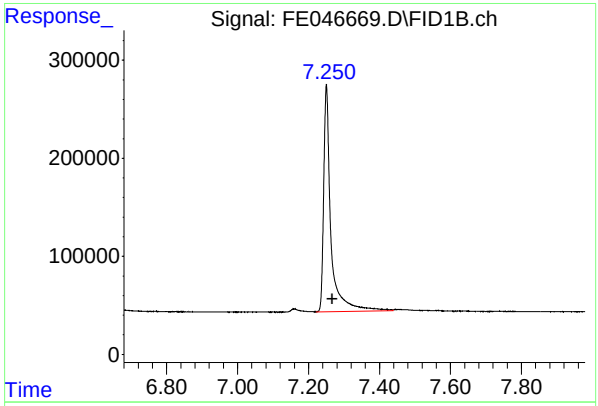
#3 A~Naphthalene (C11.7)

R.T.: 6.153 min
Delta R.T.: -0.015 min
Response: 3487844
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

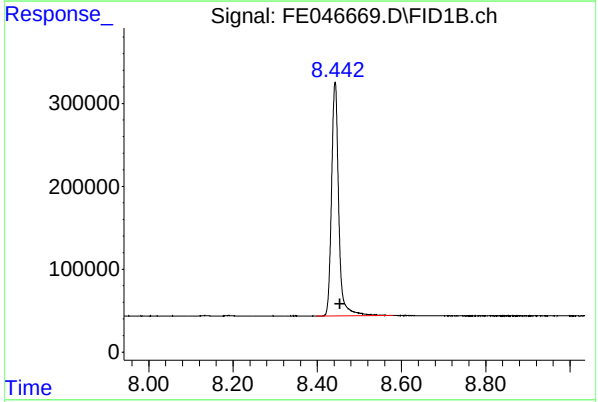
R.T.: 6.616 min
Delta R.T.: -0.011 min
Response: 3424773
Conc: 20.70 ug/ml



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

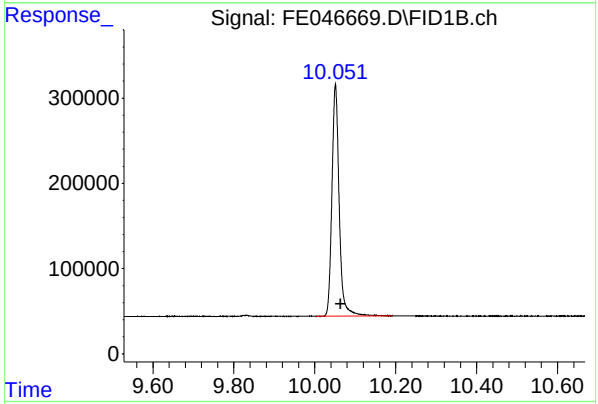
R.T.: 7.250 min
Delta R.T.: -0.017 min
Response: 3294006
Conc: 20.65 ug/ml

Instrument :
FID_E
ClientSampleId :



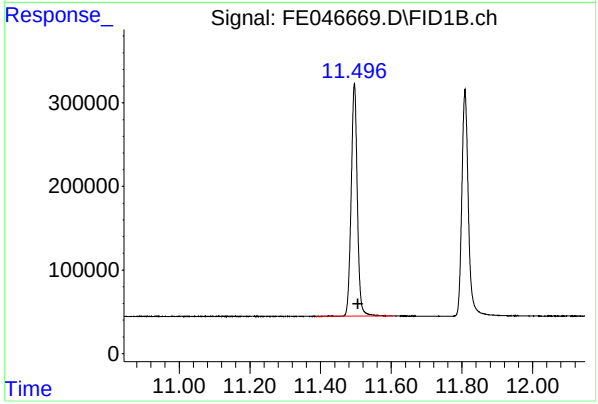
#6 n-Tetradecane (C14)

R.T.: 8.442 min
Delta R.T.: -0.012 min
Response: 3337639
Conc: 20.36 ug/ml



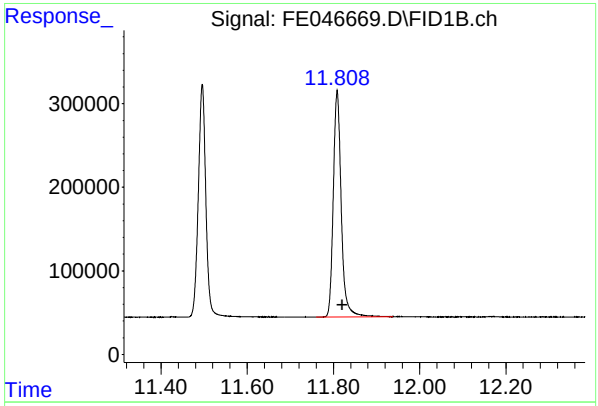
#7 n-Hexadecane (C16)

R.T.: 10.051 min
Delta R.T.: -0.013 min
Response: 3389787
Conc: 19.84 ug/ml



#8 n-Octadecane (C18)

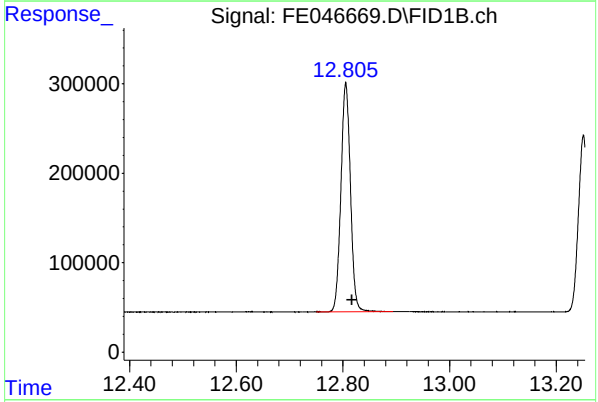
R.T.: 11.496 min
Delta R.T.: -0.011 min
Response: 3369326
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

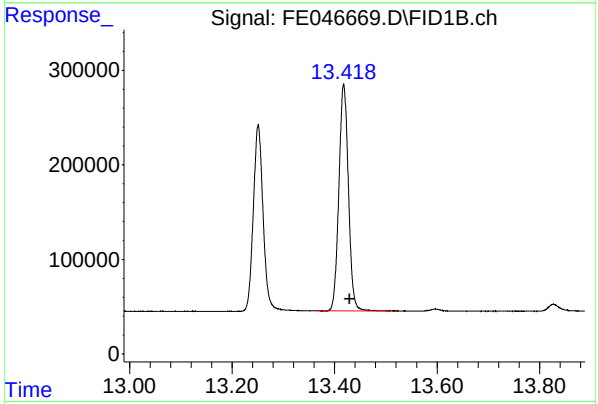
R.T.: 11.809 min
Delta R.T.: -0.012 min
Response: 3465959
Conc: 18.74 ug/ml

Instrument :
FID_E
ClientSampleId :



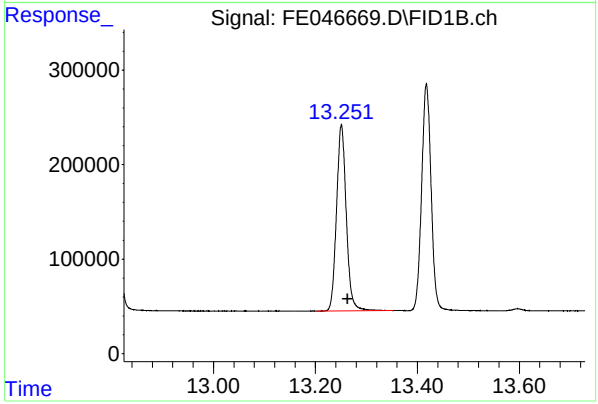
#10 n-Eicosane (C20)

R.T.: 12.805 min
Delta R.T.: -0.012 min
Response: 3172060
Conc: 18.68 ug/ml



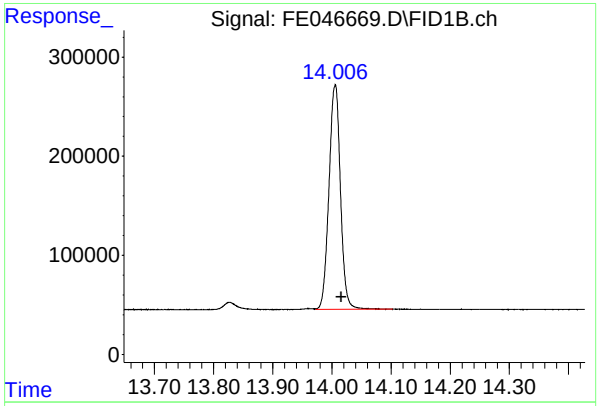
#11 n-Heneicosane (C21)

R.T.: 13.418 min
Delta R.T.: -0.011 min
Response: 3095706
Conc: 18.56 ug/ml



#12 1-chlorooctadecane (SURR)

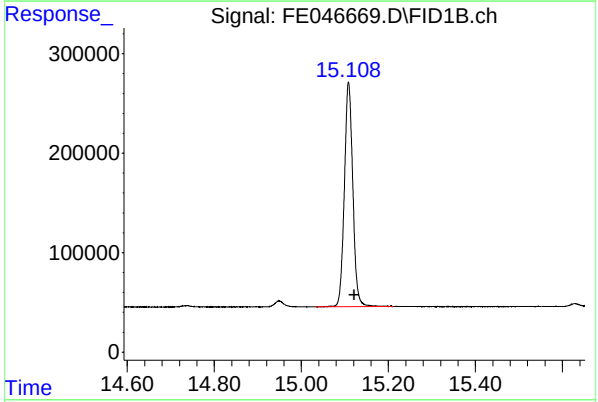
R.T.: 13.251 min
Delta R.T.: -0.013 min
Response: 2618312
Conc: 18.40 ug/ml



#13 n-Docosane (C22)

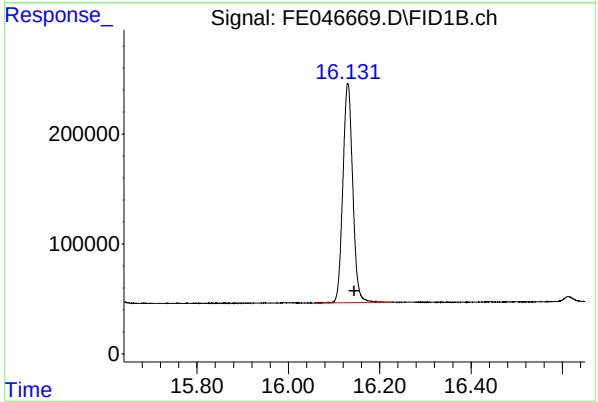
R.T.: 14.006 min
Delta R.T.: -0.010 min
Response: 3061522
Conc: 18.48 ug/ml

Instrument :
FID_E
ClientSampleId :



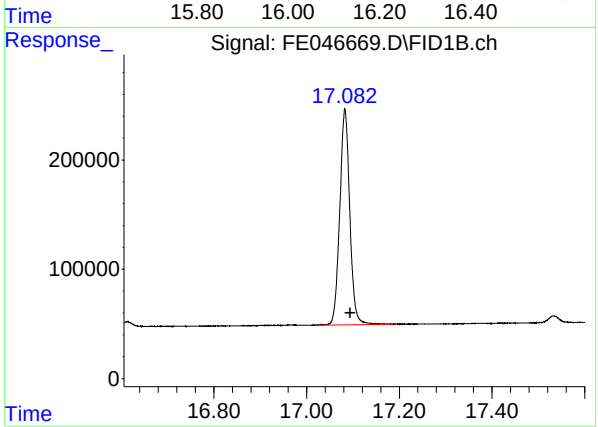
#14 n-Tetracosane (C24)

R.T.: 15.109 min
Delta R.T.: -0.013 min
Response: 3039122
Conc: 18.42 ug/ml



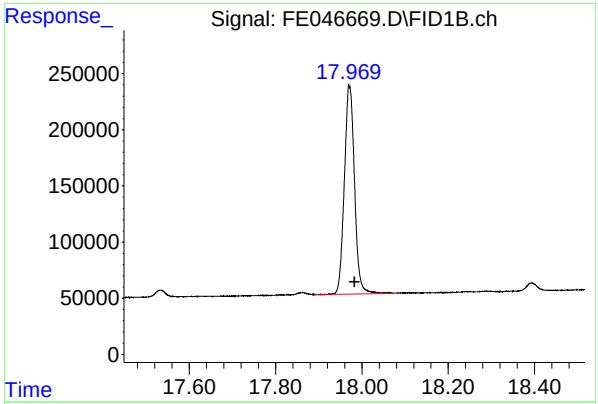
#15 n-Hexacosane (C26)

R.T.: 16.130 min
Delta R.T.: -0.013 min
Response: 2985173
Conc: 18.50 ug/ml



#16 n-Octacosane (C28)

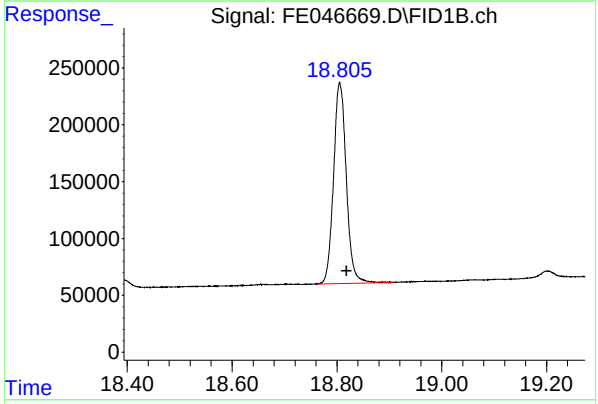
R.T.: 17.083 min
Delta R.T.: -0.012 min
Response: 2961763
Conc: 18.87 ug/ml



#17 n-Tricontane (C30)

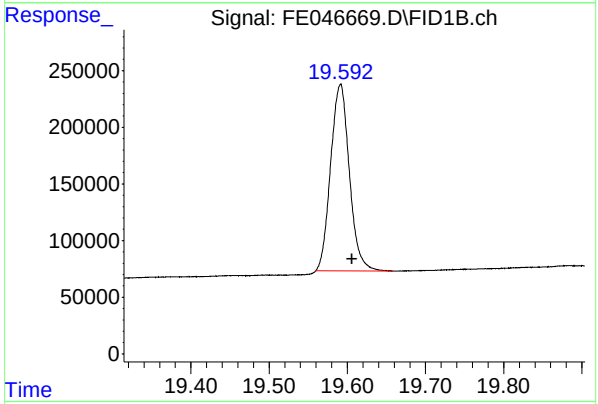
R.T.: 17.971 min
Delta R.T.: -0.013 min
Response: 3049914
Conc: 19.47 ug/ml

Instrument :
FID_E
ClientSampleId :



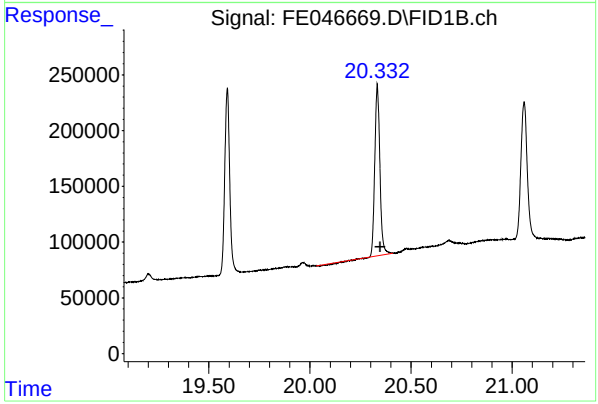
#18 n-Dotriacontane (C32)

R.T.: 18.805 min
Delta R.T.: -0.013 min
Response: 2980122
Conc: 19.72 ug/ml



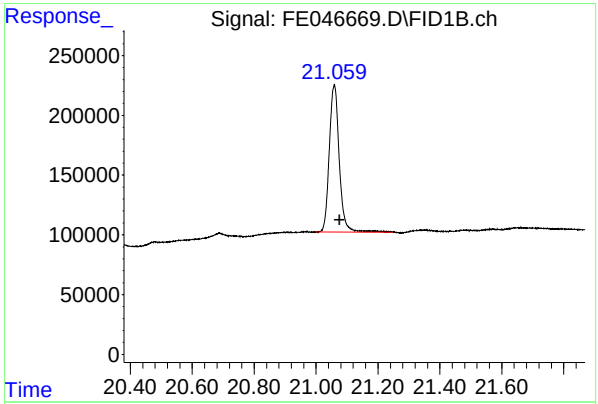
#19 n-Tetratriacontane (C34)

R.T.: 19.591 min
Delta R.T.: -0.014 min
Response: 2742862
Conc: 19.34 ug/ml



#20 n-Hexatriacontane (C36)

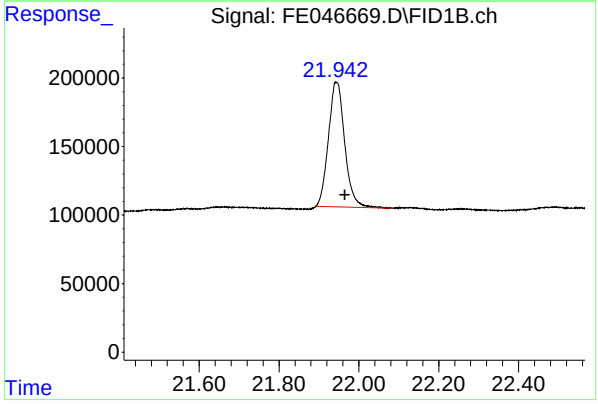
R.T.: 20.333 min
Delta R.T.: -0.015 min
Response: 2647612
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.059 min
Delta R.T.: -0.017 min
Response: 2755943
Conc: 21.50 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: -0.021 min
Response: 2571974
Conc: 20.57 ug/ml