Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111722AL\
Data File : FC062197.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2022 13:02
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Nov 18 02:43:41 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
Quant Title : GC Extractables
QLast Update : Tue Nov 15 01:21:38 2022
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)	11.591	2780093	20.367 ug/ml
Spiked Amount	50.000		Recovery =	40.73%
12) S	1-chlorooctadecane (S...	13.027	2047857	20.146 ug/ml
Spiked Amount	50.000		Recovery =	40.29%
	Target Compounds			
1) T	n-Nonane (C9)	3.350	2807069	20.168 ug/ml
2) T	n-Decane (C10)	4.417	2745965	20.296 ug/ml
3) T	A~Naphthalene (C11.7)	6.004	2962329	20.220 ug/ml
4) T	n-Dodecane (C12)	6.437	2711102	20.294 ug/ml
5) T	A~2-methylnaphthalene...	7.061	2715465	20.250 ug/ml
6) T	n-Tetradecane (C14)	8.234	2643931	20.254 ug/ml
7) T	n-Hexadecane (C16)	9.835	2627639	20.267 ug/ml
8) T	n-Octadecane (C18)	11.275	2593671	20.312 ug/ml
10) T	n-Eicosane (C20)	12.582	2474280	20.355 ug/ml
11) T	n-Heneicosane (C21)	13.194	2449152	20.321 ug/ml
13) T	n-Docosane (C22)	13.780	2410989	20.452 ug/ml
14) T	n-Tetracosane (C24)	14.880	2366052	20.562 ug/ml
15) T	n-Hexacosane (C26)	15.899	2315312	20.780 ug/ml
16) T	n-Octacosane (C28)	16.846	2295997	20.941 ug/ml
17) T	n-Tricontane (C30)	17.729	2297306	20.978 ug/ml
18) T	n-Dotriacontane (C32)	18.559	2303948	20.860 ug/ml
19) T	n-Tetratriacontane (C34)	19.342	2242109	20.507 ug/ml
20) T	n-Hexatriacontane (C36)	20.079	2105411	20.089 ug/ml
21) T	n-Octatriacontane (C38)	20.815	2032694	19.640 ug/ml
22) T	n-Tetracontane (C40)	21.726	1941315	18.911 ug/ml

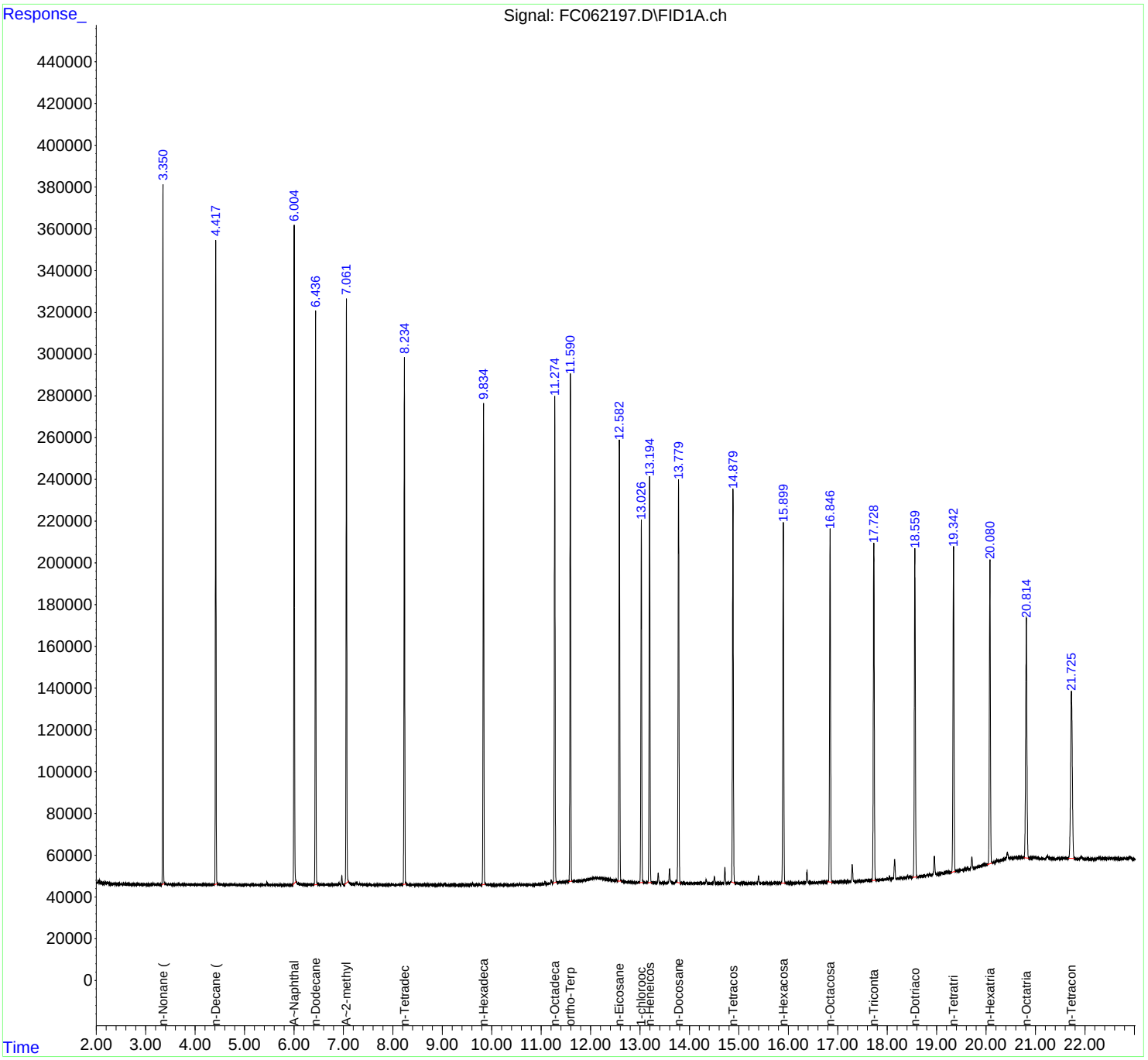
(f)=RT Delta > 1/2 Window (m)=manual int.

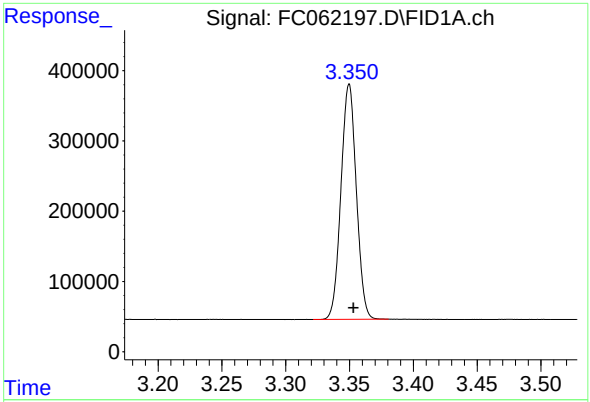
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111722AL\
Data File : FC062197.D
Signal(s) : FID1A.ch
Acq On : 17 Nov 2022 13:02
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Nov 18 02:43:41 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
Quant Title : GC Extractables
QLast Update : Tue Nov 15 01:21:38 2022
Response via : Initial Calibration
Integrator: ChemStation

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

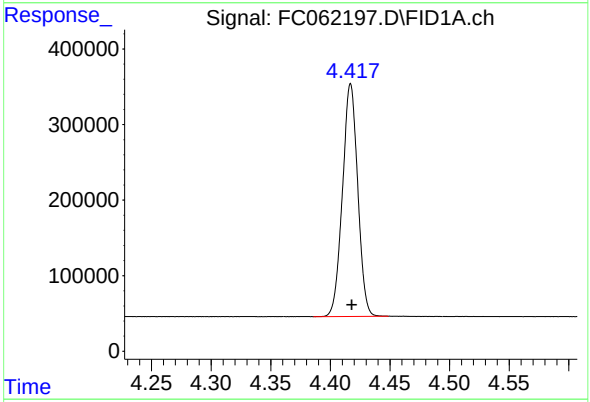




#1 n-Nonane (C9)

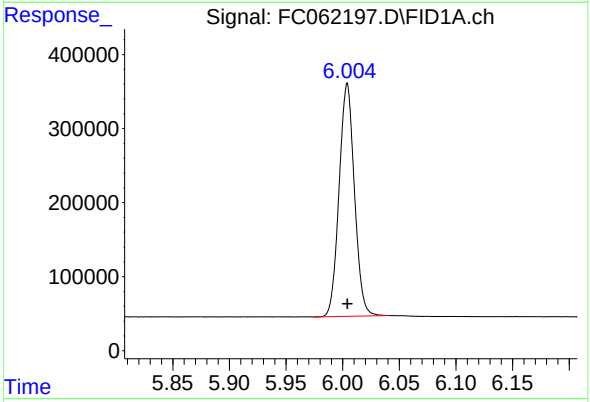
R.T.: 3.350 min
Delta R.T.: -0.003 min
Response: 2807069
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



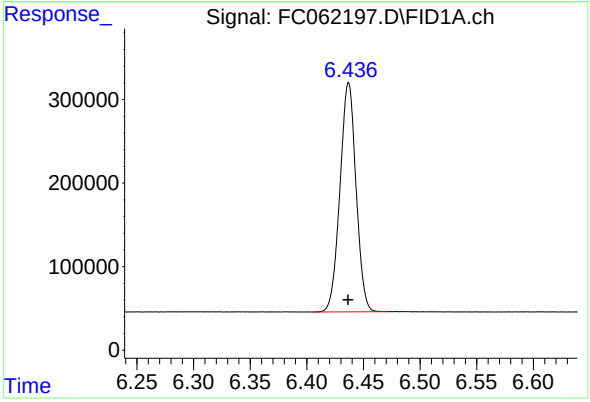
#2 n-Decane (C10)

R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 2745965
Conc: 20.30 ug/ml



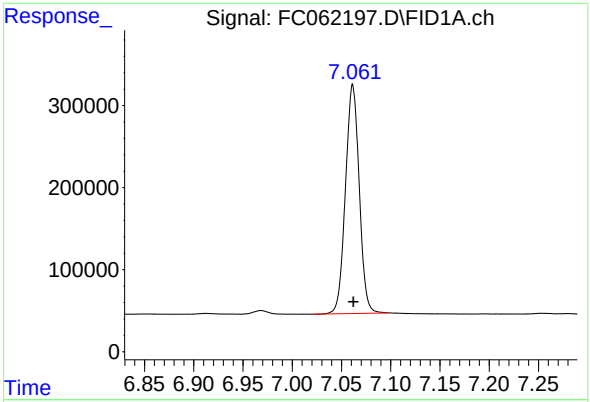
#3 A~Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 2962329
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

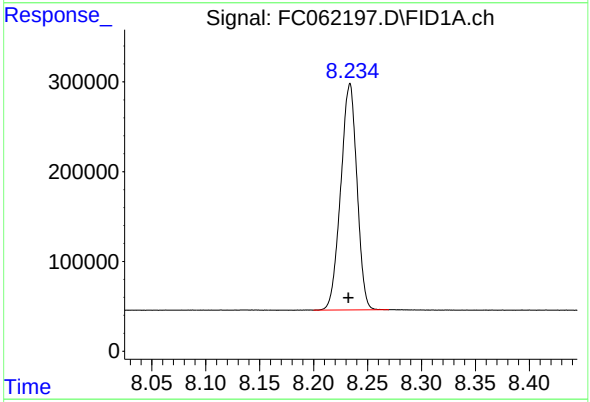
R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 2711102
Conc: 20.29 ug/ml



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

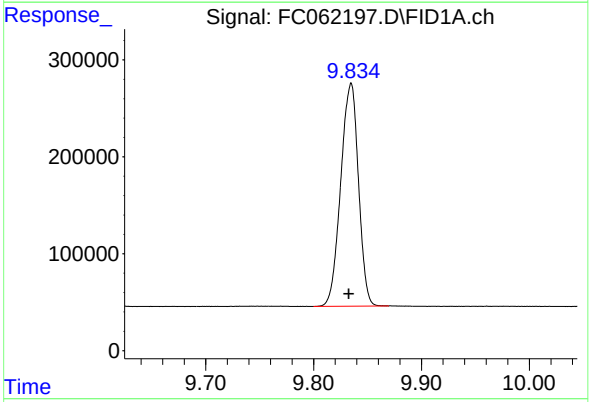
R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 2715465
Conc: 20.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



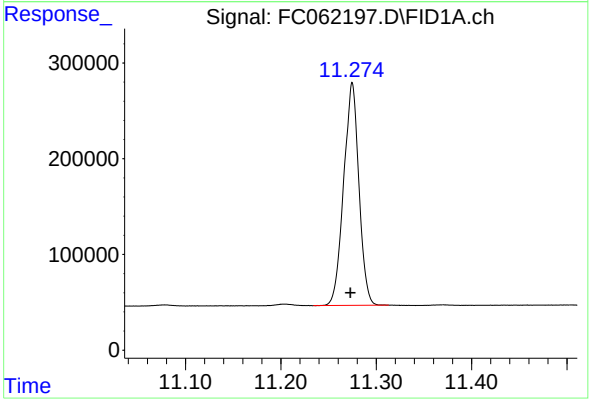
#6 n-Tetradecane (C14)

R.T.: 8.234 min
Delta R.T.: 0.001 min
Response: 2643931
Conc: 20.25 ug/ml



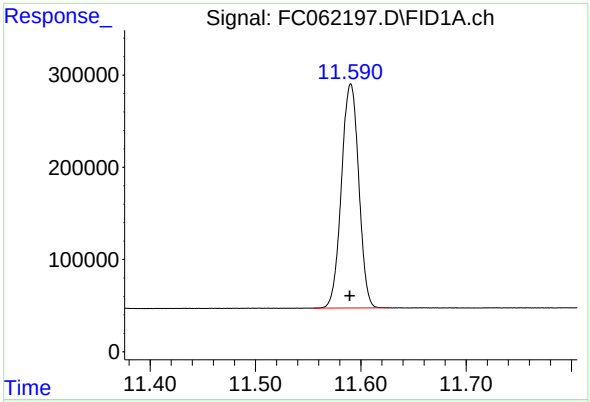
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: 0.002 min
Response: 2627639
Conc: 20.27 ug/ml



#8 n-Octadecane (C18)

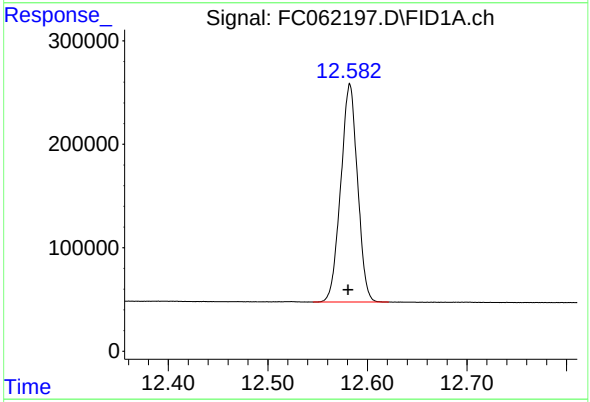
R.T.: 11.275 min
Delta R.T.: 0.002 min
Response: 2593671
Conc: 20.31 ug/ml



#9 ortho-Terphenyl (SURR)

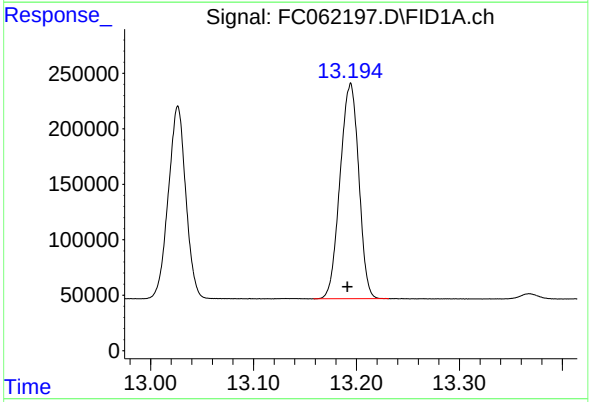
R.T.: 11.591 min
Delta R.T.: 0.001 min
Response: 2780093
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



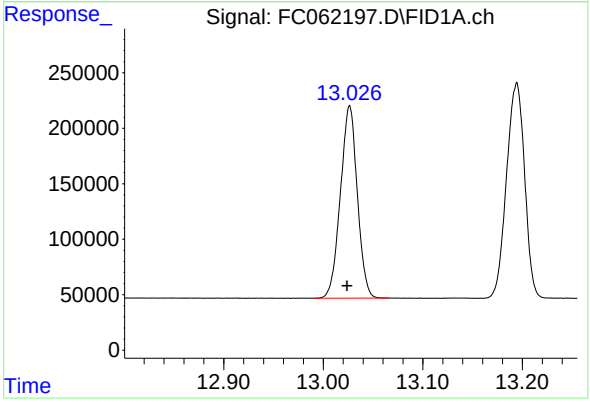
#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: 0.002 min
Response: 2474280
Conc: 20.35 ug/ml



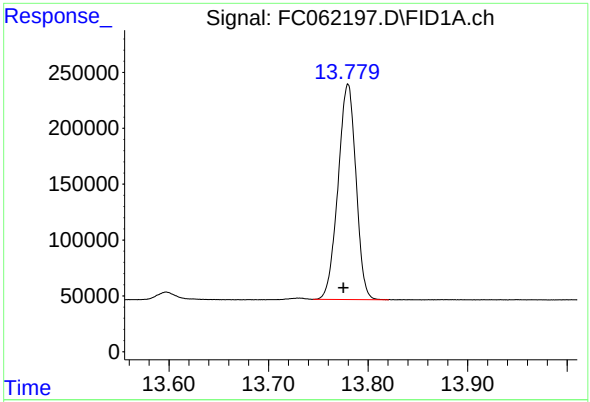
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: 0.003 min
Response: 2449152
Conc: 20.32 ug/ml



#12 1-chlorooctadecane (SURR)

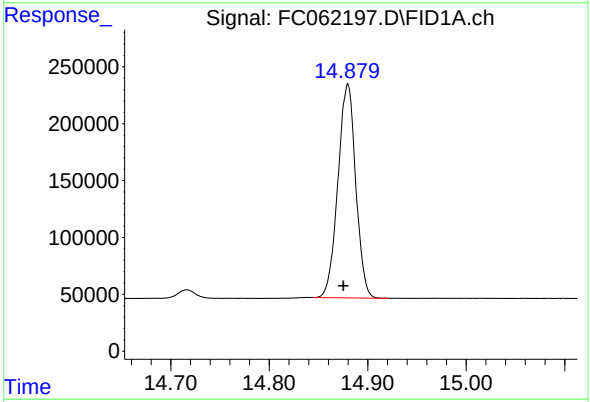
R.T.: 13.027 min
Delta R.T.: 0.003 min
Response: 2047857
Conc: 20.15 ug/ml



#13 n-Docosane (C22)

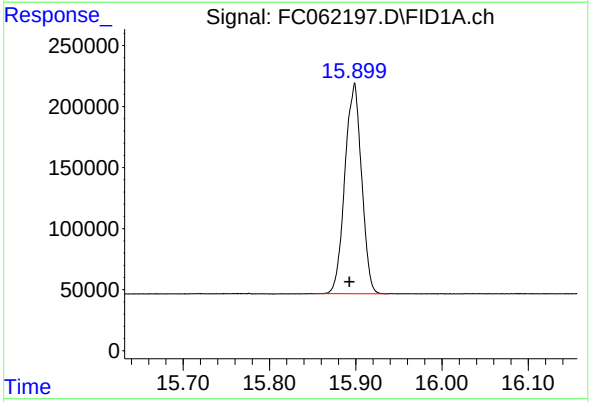
R.T.: 13.780 min
Delta R.T.: 0.005 min
Response: 2410989
Conc: 20.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



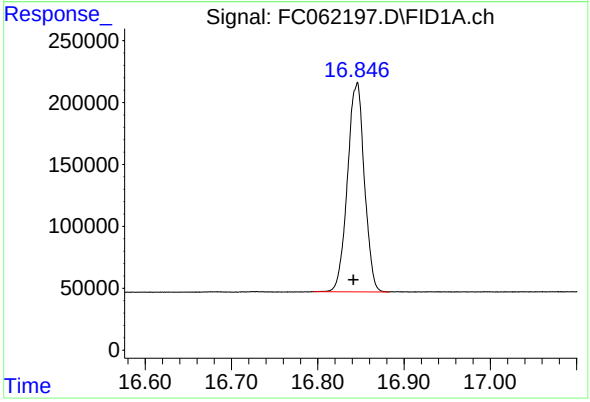
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: 0.005 min
Response: 2366052
Conc: 20.56 ug/ml



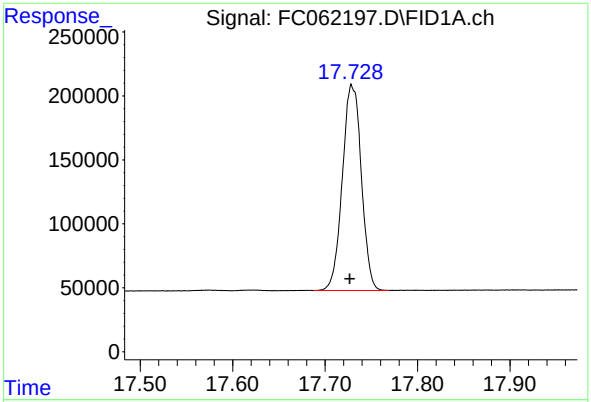
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: 0.006 min
Response: 2315312
Conc: 20.78 ug/ml



#16 n-Octacosane (C28)

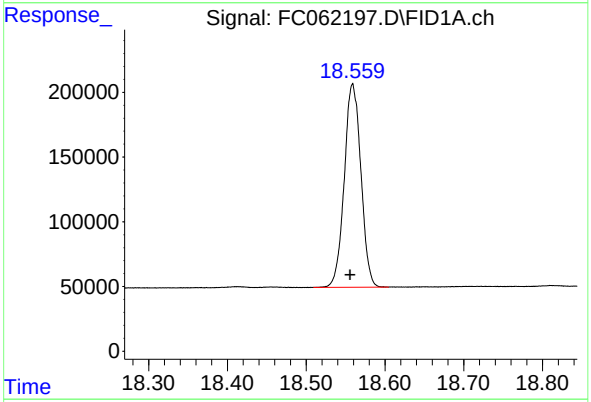
R.T.: 16.846 min
Delta R.T.: 0.004 min
Response: 2295997
Conc: 20.94 ug/ml



#17 n-Tricontane (C30)

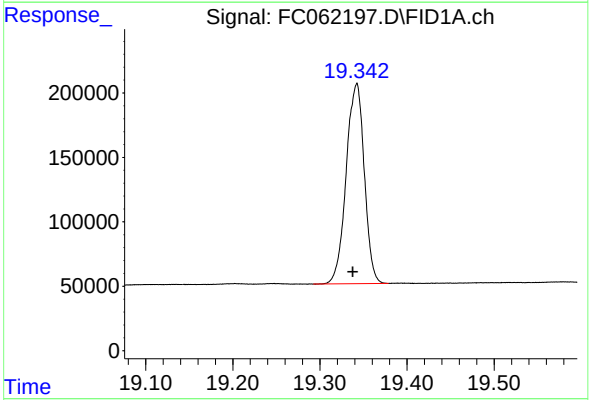
R.T.: 17.729 min
Delta R.T.: 0.002 min
Response: 2297306
Conc: 20.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



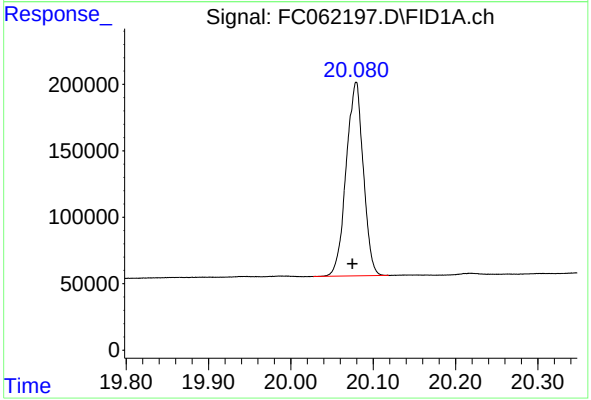
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: 0.003 min
Response: 2303948
Conc: 20.86 ug/ml



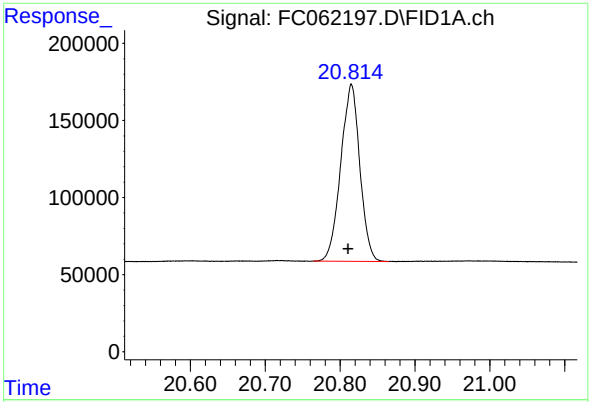
#19 n-Tetratriacontane (C34)

R.T.: 19.342 min
Delta R.T.: 0.005 min
Response: 2242109
Conc: 20.51 ug/ml



#20 n-Hexatriacontane (C36)

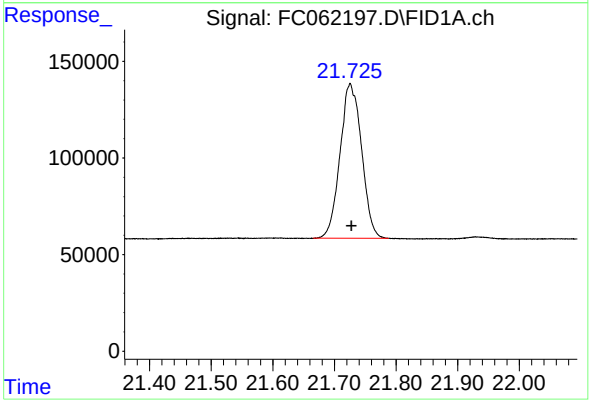
R.T.: 20.079 min
Delta R.T.: 0.005 min
Response: 2105411
Conc: 20.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: 0.005 min
Response: 2032694
Conc: 19.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.726 min
Delta R.T.: -0.002 min
Response: 1941315
Conc: 18.91 ug/ml