Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062323AL\
Data File : FC063974.D
Signal(s) : FID1A.ch
Acq On : 23 Jun 2023 22:44
Operator : YP/AJ
Sample : PB153647BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jun 24 03:42:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
Quant Title : GC Extractables
QLast Update : Sat May 27 06:12:33 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)	11.525	229723	1.259 ug/ml
Spiked Amount	50.000		Recovery =	2.52%
12) S	1-chlorooctadecane (S...	12.962	4593764	35.953 ug/ml
Spiked Amount	50.000		Recovery =	71.91%
	Target Compounds			
1) T	n-Nonane (C9)	3.309	3743987	23.491 ug/ml
2) T	n-Decane (C10)	4.371	4589578	28.392 ug/ml
4) T	n-Dodecane (C12)	6.386	5217657	31.910 ug/ml
6) T	n-Tetradecane (C14)	8.176	5363674	34.105 ug/ml
7) T	n-Hexadecane (C16)	9.774	6000568	37.706 ug/ml
8) T	n-Octadecane (C18)	11.213	6325606	39.978 ug/ml
10) T	n-Eicosane (C20)	12.519	6352567	42.954 ug/ml
11) T	n-Heneicosane (C21)	13.130	6082909	42.259 ug/ml
13) T	n-Docosane (C22)	13.714	6015607	42.702 ug/ml
14) T	n-Tetracosane (C24)	14.815	6130551	44.677 ug/ml
15) T	n-Hexacosane (C26)	15.832	5831558	43.981 ug/ml
16) T	n-Octacosane (C28)	16.781	5714726	45.006 ug/ml
17) T	n-Tricontane (C30)	17.665	5856700	45.840 ug/ml
18) T	n-Dotriacontane (C32)	18.495	5780004	46.450 ug/ml
19) T	n-Tetratriacontane (C34)	19.276	5694280	46.183 ug/ml
20) T	n-Hexatriacontane (C36)	20.014	5462207	45.510 ug/ml
21) T	n-Octatriacontane (C38)	20.738	5502578	45.577 ug/ml
22) T	n-Tetracontane (C40)	21.630	5478969	45.217 ug/ml

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

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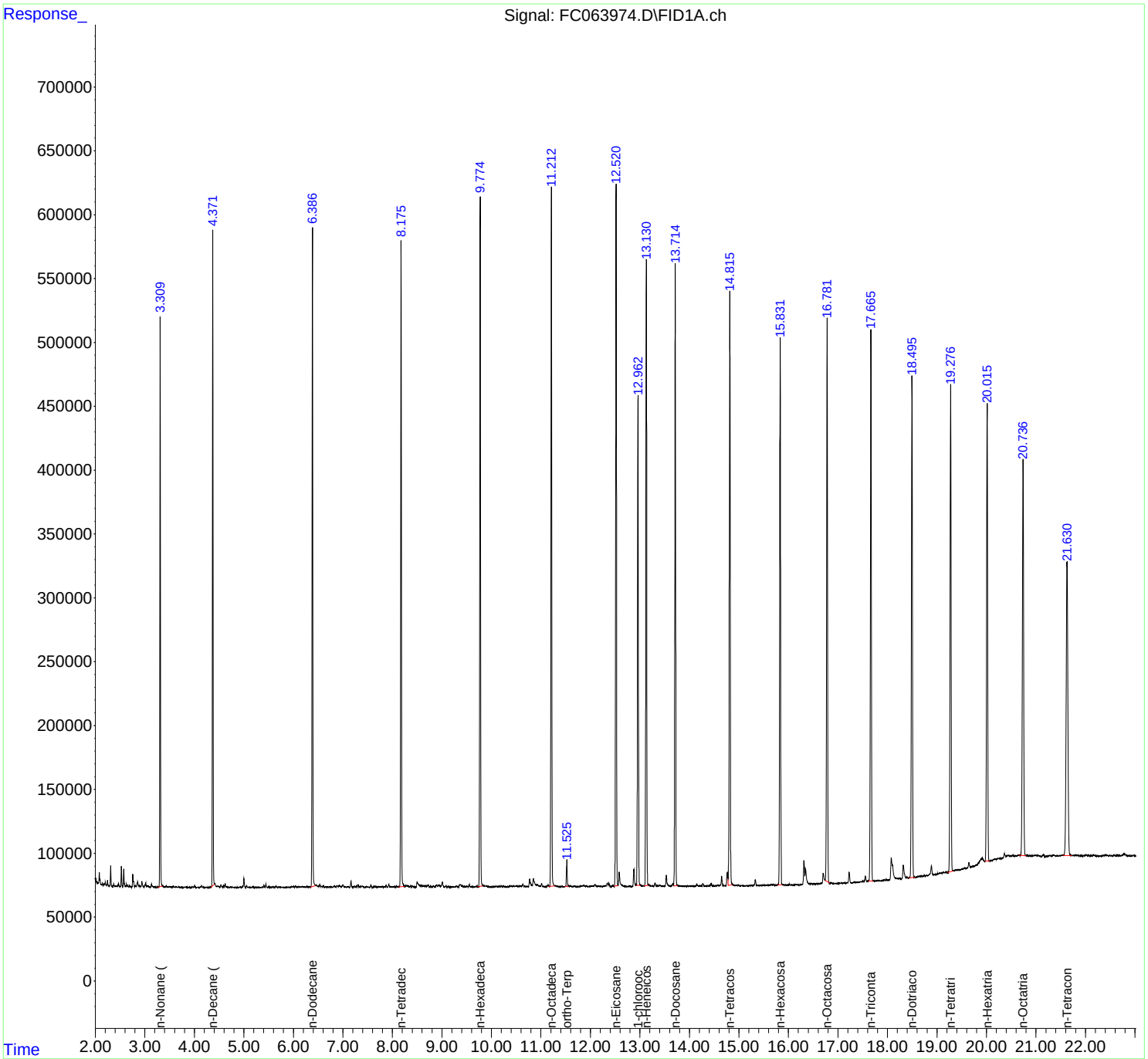
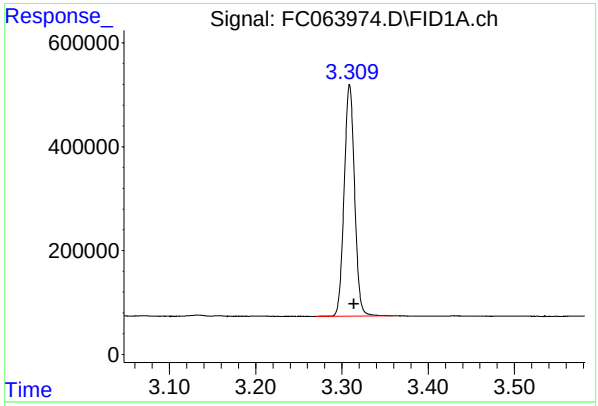
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

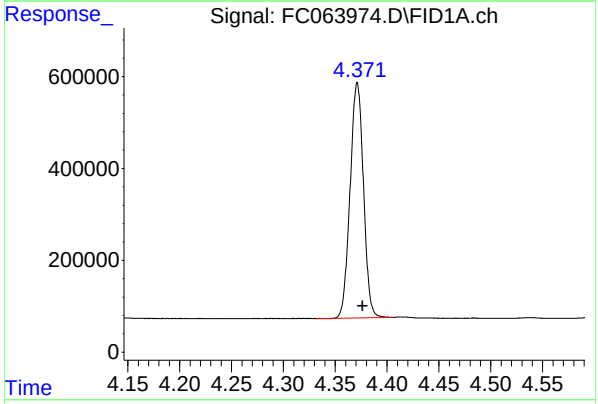




#1 n-Nonane (C9)

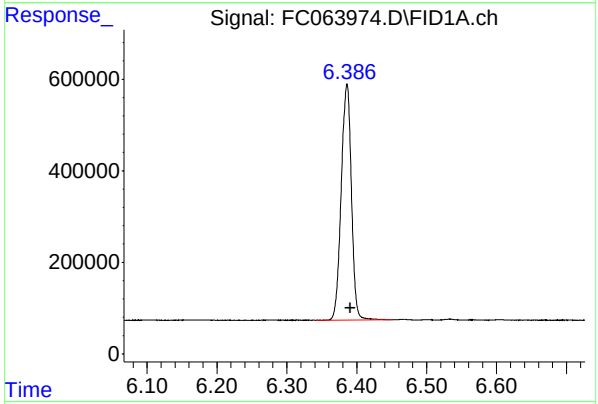
R.T.: 3.309 min
Delta R.T.: -0.005 min
Response: 3743987
Conc: 23.49 ug/ml

Instrument :
FID_C
ClientSampleId :



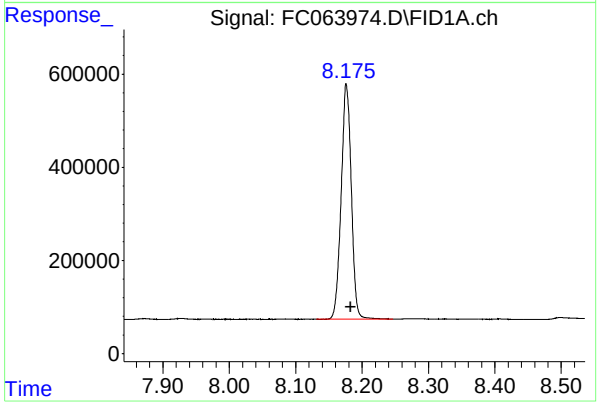
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: -0.005 min
Response: 4589578
Conc: 28.39 ug/ml



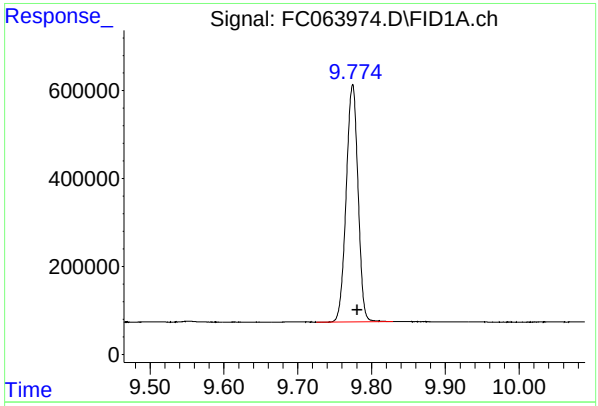
#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: -0.005 min
Response: 5217657
Conc: 31.91 ug/ml



#6 n-Tetradecane (C14)

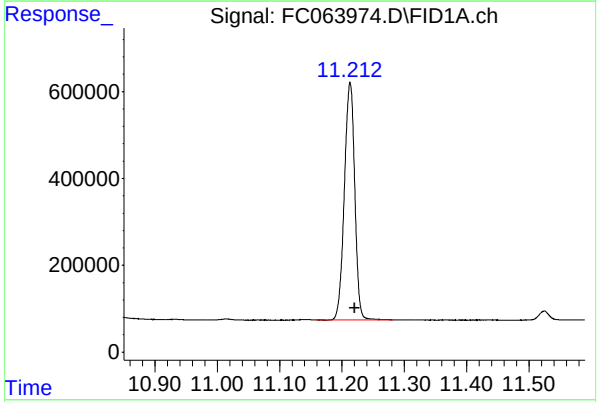
R.T.: 8.176 min
Delta R.T.: -0.007 min
Response: 5363674
Conc: 34.10 ug/ml



#7 n-Hexadecane (C16)

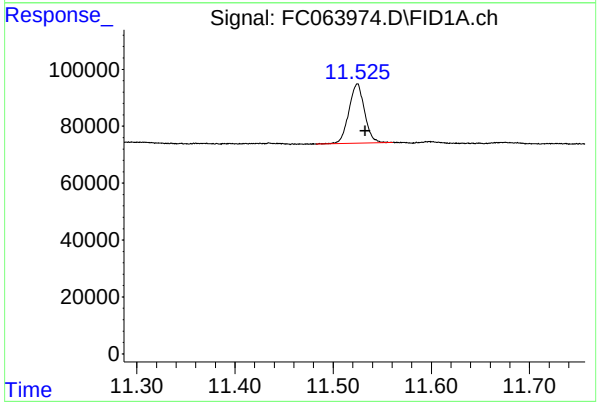
R.T.: 9.774 min
Delta R.T.: -0.006 min
Response: 6000568
Conc: 37.71 ug/ml

Instrument :
FID_C
ClientSampleId :



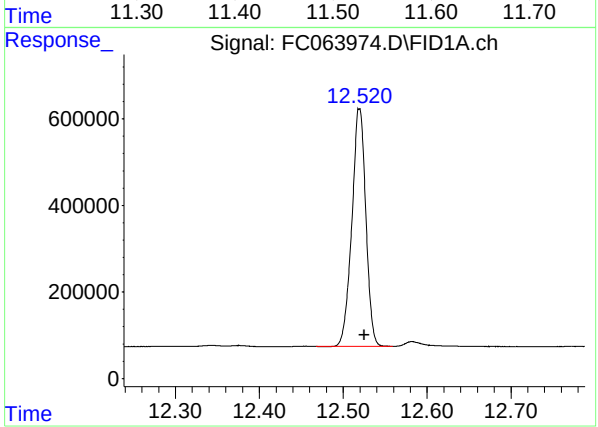
#8 n-Octadecane (C18)

R.T.: 11.213 min
Delta R.T.: -0.007 min
Response: 6325606
Conc: 39.98 ug/ml



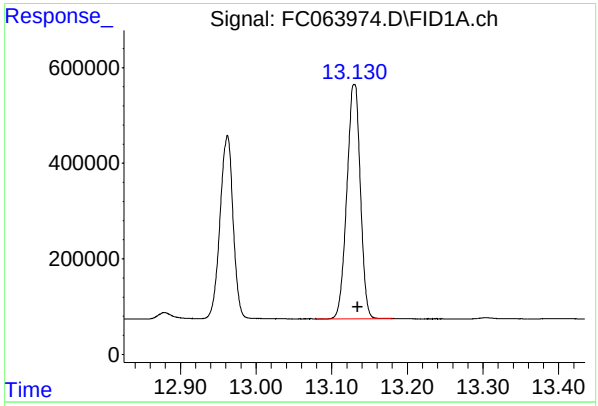
#9 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: -0.008 min
Response: 229723
Conc: 1.26 ug/ml



#10 n-Eicosane (C20)

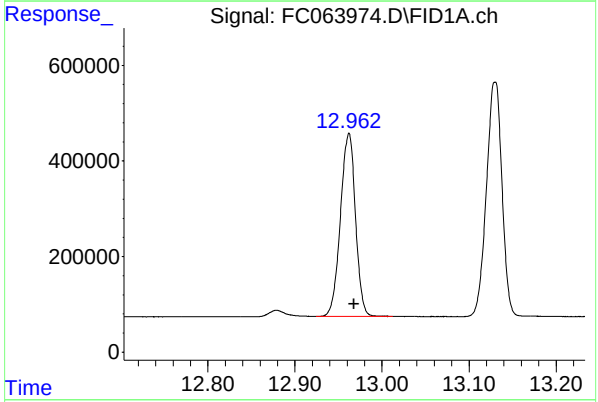
R.T.: 12.519 min
Delta R.T.: -0.006 min
Response: 6352567
Conc: 42.95 ug/ml



#11 n-Heneicosane (C21)

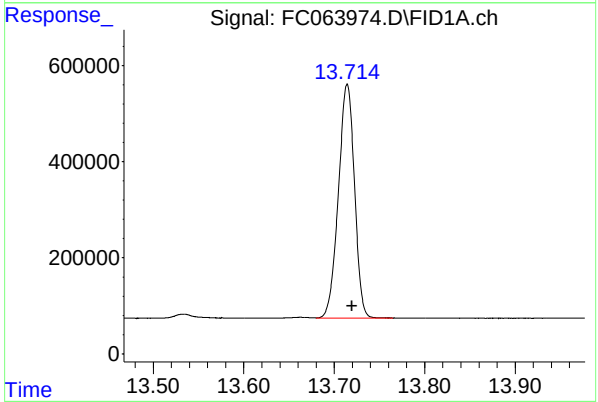
R.T.: 13.130 min
Delta R.T.: -0.005 min
Response: 6082909
Conc: 42.26 ug/ml

Instrument :
FID_C
ClientSampleId :



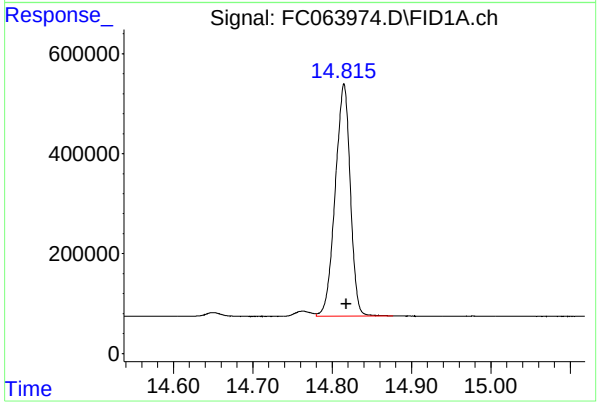
#12 1-chlorooctadecane (SURR)

R.T.: 12.962 min
Delta R.T.: -0.006 min
Response: 4593764
Conc: 35.95 ug/ml



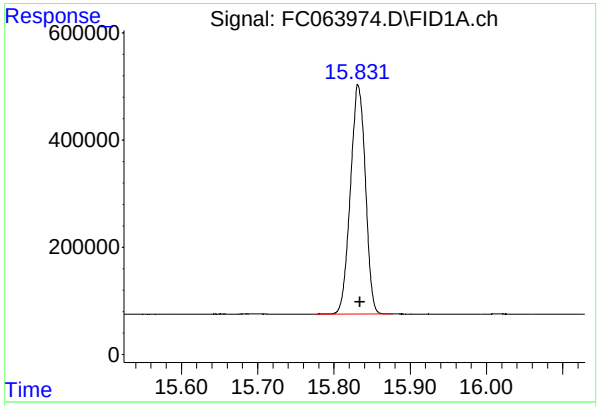
#13 n-Docosane (C22)

R.T.: 13.714 min
Delta R.T.: -0.005 min
Response: 6015607
Conc: 42.70 ug/ml



#14 n-Tetracosane (C24)

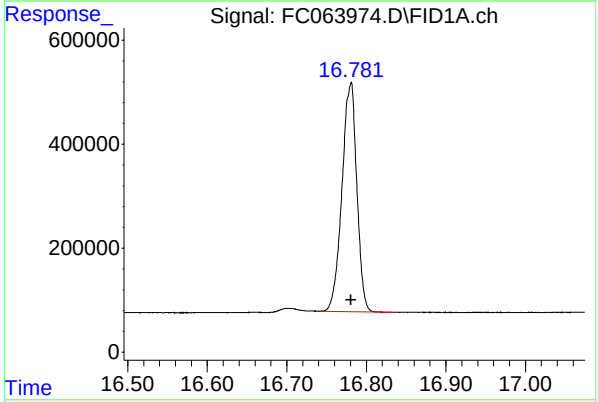
R.T.: 14.815 min
Delta R.T.: -0.003 min
Response: 6130551
Conc: 44.68 ug/ml



#15 n-Hexacosane (C26)

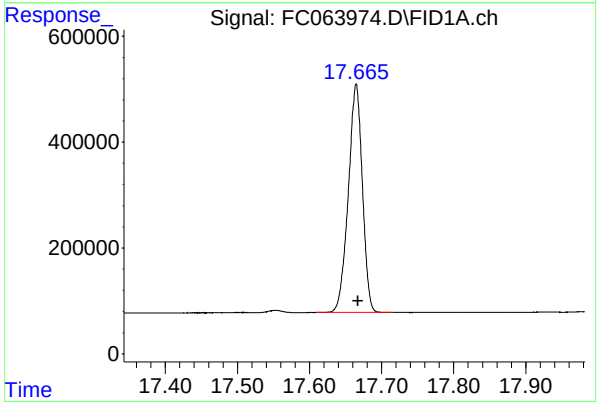
R.T.: 15.832 min
Delta R.T.: -0.002 min
Response: 5831558
Conc: 43.98 ug/ml

Instrument :
FID_C
ClientSampleId :



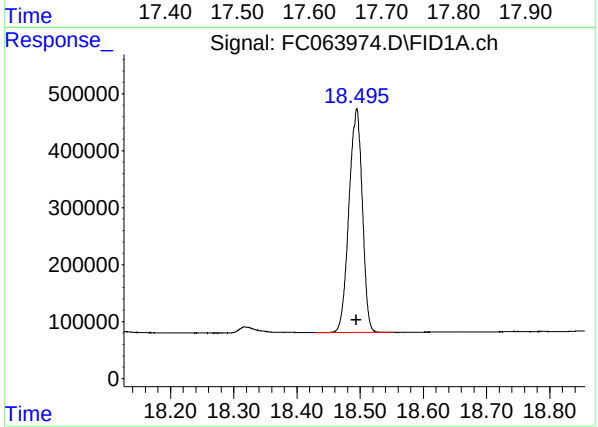
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: 0.000 min
Response: 5714726
Conc: 45.01 ug/ml



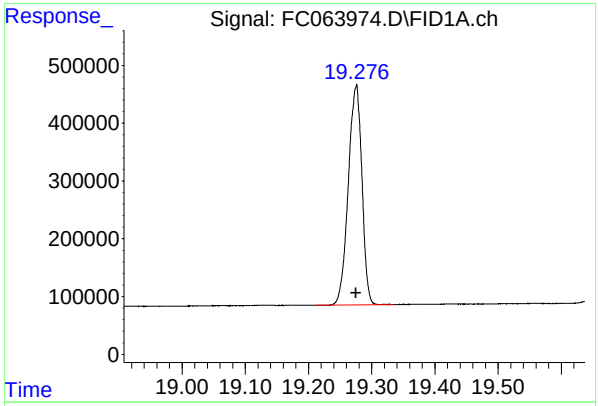
#17 n-Tricontane (C30)

R.T.: 17.665 min
Delta R.T.: -0.002 min
Response: 5856700
Conc: 45.84 ug/ml



#18 n-Dotriacontane (C32)

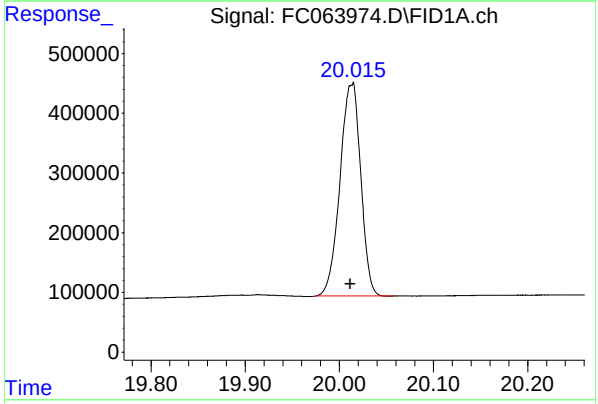
R.T.: 18.495 min
Delta R.T.: 0.000 min
Response: 5780004
Conc: 46.45 ug/ml



#19 n-Tetratriacontane (C34)

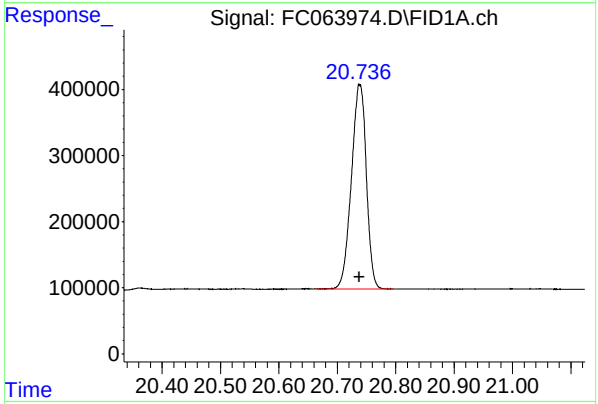
R.T.: 19.276 min
Delta R.T.: 0.000 min
Response: 5694280
Conc: 46.18 ug/ml

Instrument :
FID_C
ClientSampleId :



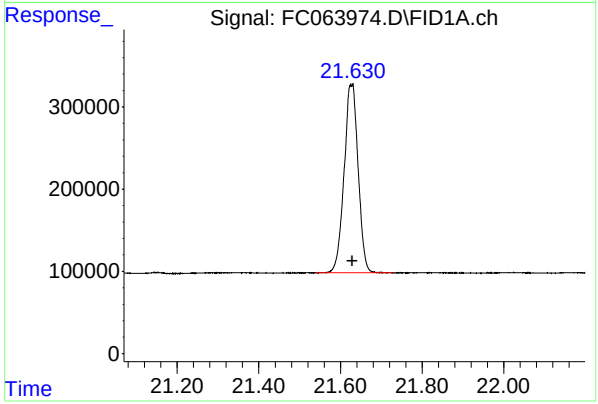
#20 n-Hexatriacontane (C36)

R.T.: 20.014 min
Delta R.T.: 0.002 min
Response: 5462207
Conc: 45.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.738 min
Delta R.T.: 0.000 min
Response: 5502578
Conc: 45.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.630 min
Delta R.T.: 0.000 min
Response: 5478969
Conc: 45.22 ug/ml