

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101223AL\
 Data File : FC064796.D
 Signal(s) : FID1A.ch
 Acq On : 12 Oct 2023 15:36
 Operator : YP/AJ
 Sample : PB156325BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB156325BSD

Integration File: autoint1.e
 Quant Time: Oct 13 01:13:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 12:17:45 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)	11.526	11805520	55.291 ug/ml
Spiked Amount 50.000		Recovery =	110.58%
12) S 1-chlorooctadecane (S...	12.957	9314530	62.121 ug/ml
Spiked Amount 50.000		Recovery =	124.24%
Target Compounds			
1) T n-Nonane (C9)	3.331	6171949	33.603 ug/ml
2) T n-Decane (C10)	4.386	6586247	36.005 ug/ml
3) T A~Naphthalene (C11.7)	5.963	7731301	40.763 ug/ml
4) T n-Dodecane (C12)	6.392	7568107	40.603 ug/ml
5) T A~2-methylnaphthalene...	7.016	8139609	46.478 ug/ml
6) T n-Tetradecane (C14)	8.181	8664241	48.242 ug/ml
7) T n-Hexadecane (C16)	9.775	9190879	51.669 ug/ml
8) T n-Octadecane (C18)	11.211	9298461	51.818 ug/ml
10) T n-Eicosane (C20)	12.514	9240576	53.664 ug/ml
11) T n-Heneicosane (C21)	13.123	8794929	51.932 ug/ml
13) T n-Docosane (C22)	13.706	8643275	52.457 ug/ml
14) T n-Tetracosane (C24)	14.801	16280939	102.291 ug/ml
15) T n-Hexacosane (C26)	15.821	8005639	52.261 ug/ml
16) T n-Octacosane (C28)	16.765	8357168	56.711 ug/ml
17) T n-Tricontane (C30)	17.649	7519760	51.395 ug/ml
18) T n-Dotriacontane (C32)	18.475	7102136	49.186 ug/ml
19) T n-Tetratriacontane (C34)	19.256	6742853	47.922 ug/ml
20) T n-Hexatriacontane (C36)	19.991	6021435	43.523 ug/ml
21) T n-Octatriacontane (C38)	20.712	5421833	40.930 ug/ml
22) T n-Tetracontane (C40)	21.596	4743608	37.904 ug/ml

(f)=RT Delta > 1/2 Window

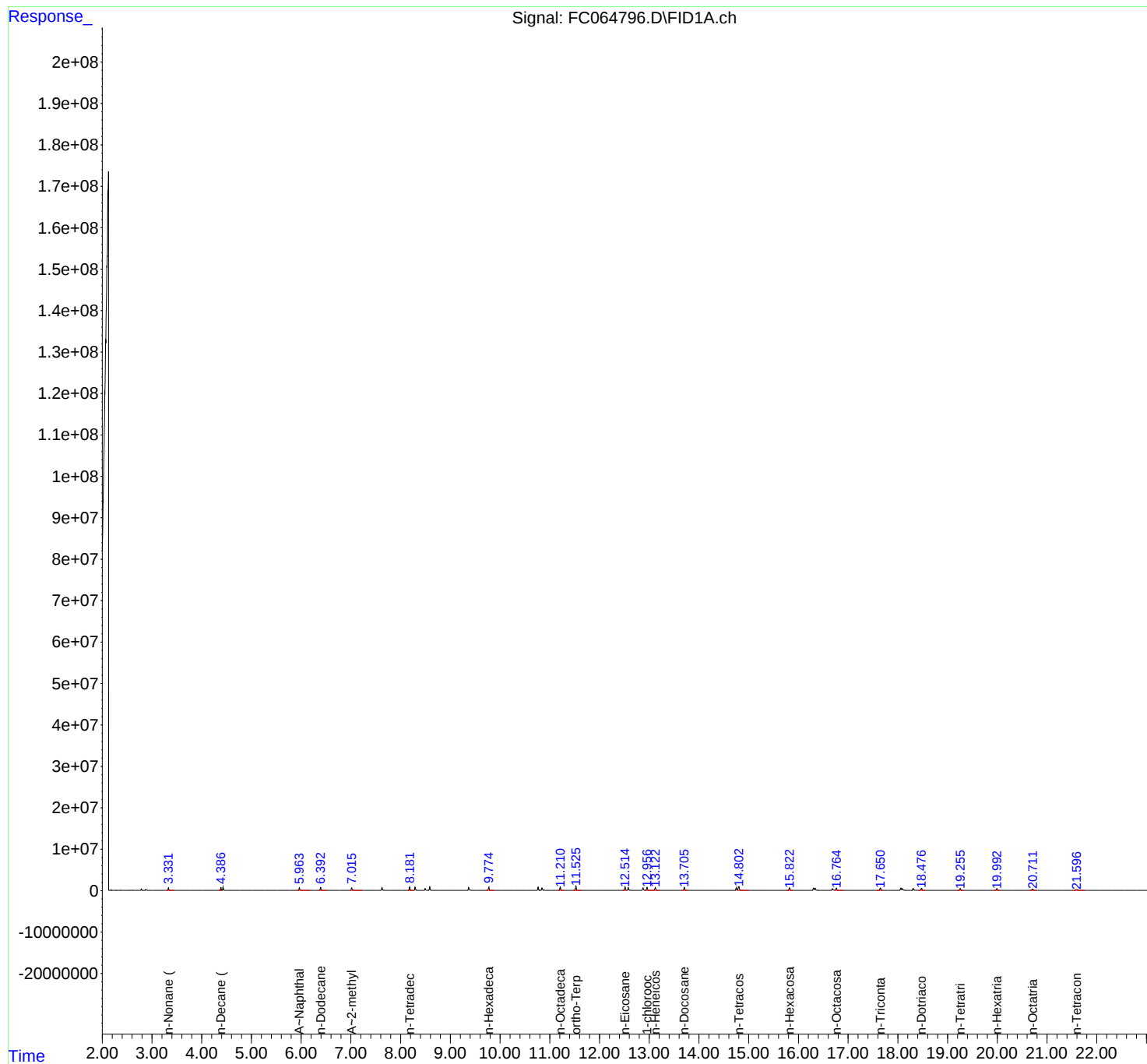
(m)=manual int.

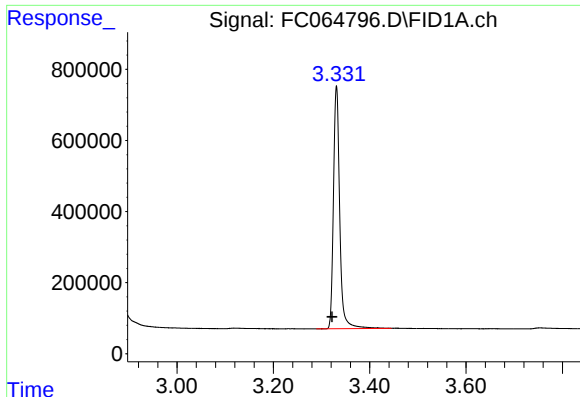
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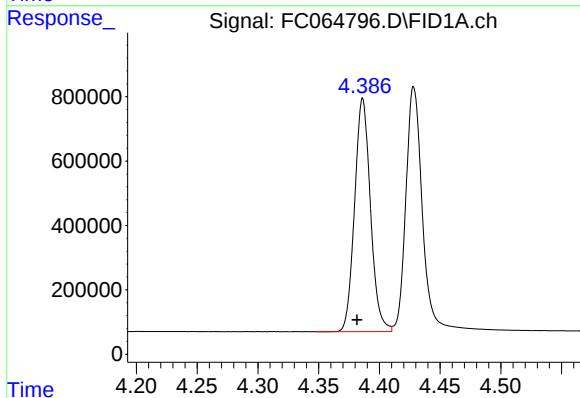




#1 n-Nonane (C9)

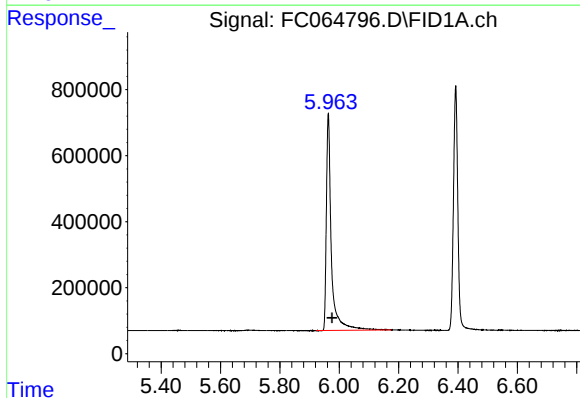
R.T.: 3.331 min
Delta R.T.: 0.009 min
Response: 6171949
Conc: 33.60 ug/ml

Instrument :
FID_C
ClientSampleId :
PB156325BSD



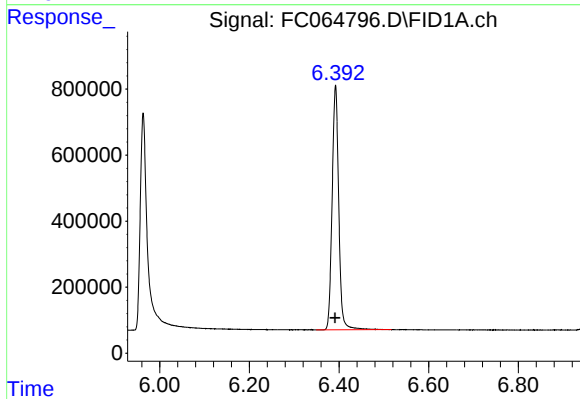
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: 0.005 min
Response: 6586247
Conc: 36.00 ug/ml



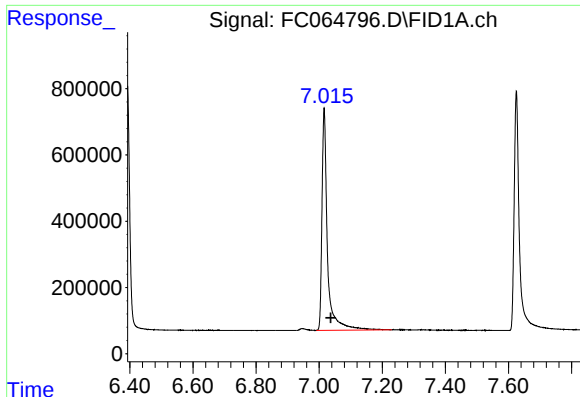
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.012 min
Response: 7731301
Conc: 40.76 ug/ml



#4 n-Dodecane (C12)

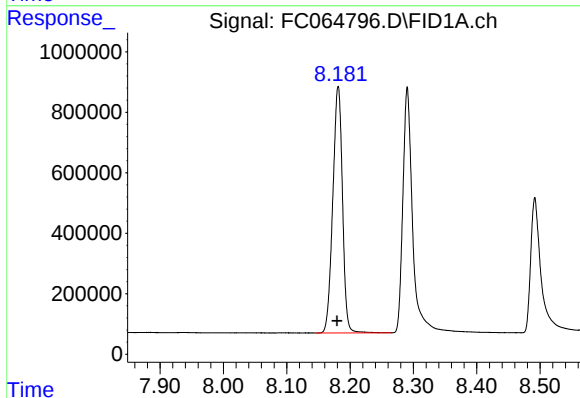
R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 7568107
Conc: 40.60 ug/ml



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

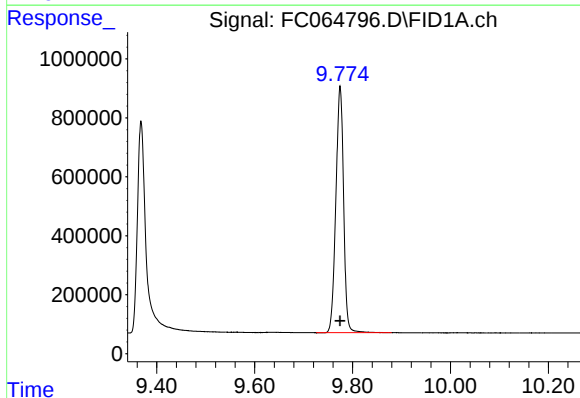
R.T.: 7.016 min
Delta R.T.: -0.020 min
Response: 8139609
Conc: 46.48 ug/ml

Instrument :
FID_C
ClientSampleId :
PB156325BSD



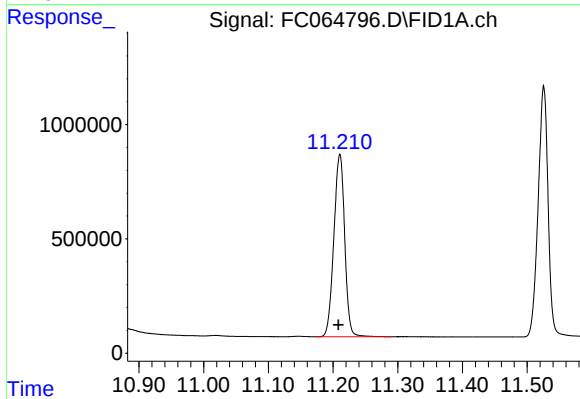
#6 n-Tetradecane (C14)

R.T.: 8.181 min
Delta R.T.: 0.002 min
Response: 8664241
Conc: 48.24 ug/ml



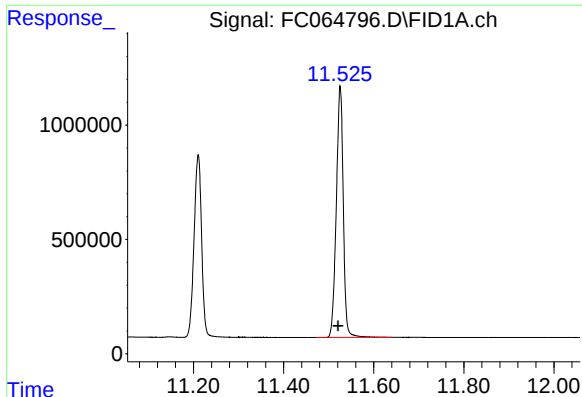
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: 0.000 min
Response: 9190879
Conc: 51.67 ug/ml



#8 n-Octadecane (C18)

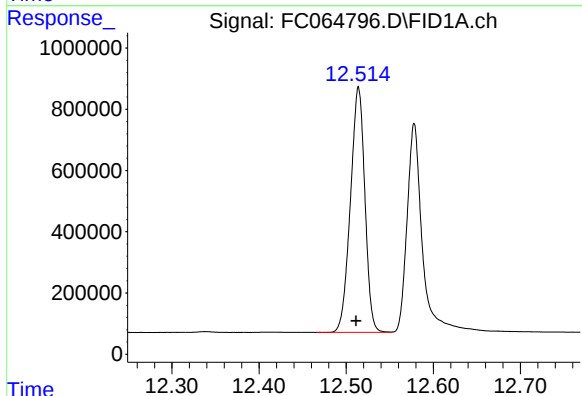
R.T.: 11.211 min
Delta R.T.: 0.003 min
Response: 9298461
Conc: 51.82 ug/ml



#9 ortho-Terphenyl (SURR)

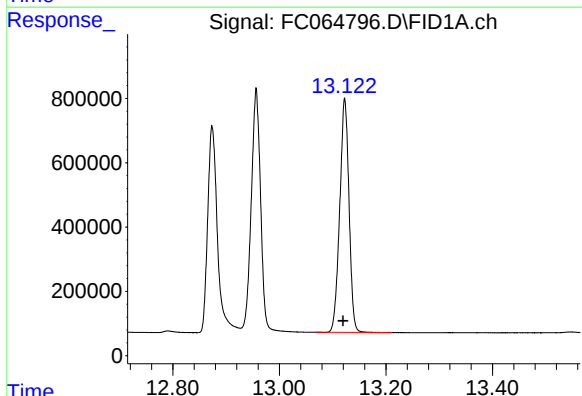
R.T.: 11.526 min
Delta R.T.: 0.004 min
Response: 11805520
Conc: 55.29 ug/ml

Instrument :
FID_C
ClientSampleId :
PB156325BSD



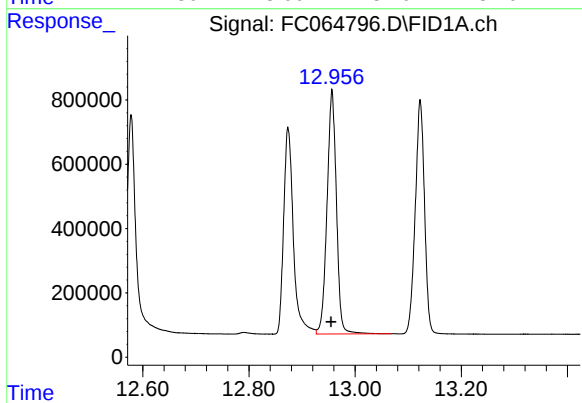
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: 0.003 min
Response: 9240576
Conc: 53.66 ug/ml



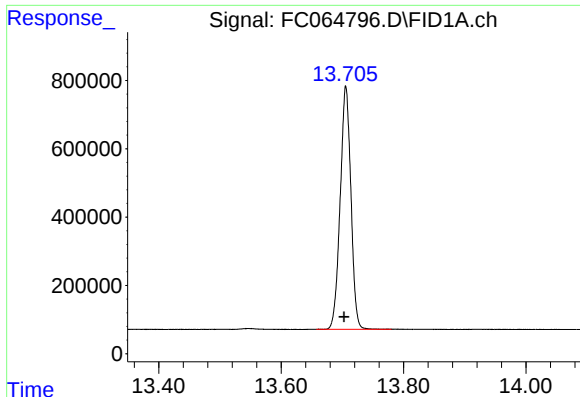
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: 0.003 min
Response: 8794929
Conc: 51.93 ug/ml



#12 1-chlorooctadecane (SURR)

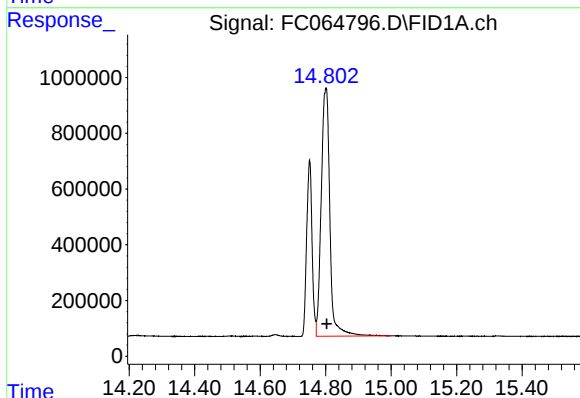
R.T.: 12.957 min
Delta R.T.: 0.002 min
Response: 9314530
Conc: 62.12 ug/ml



#13 n-Docosane (C22)

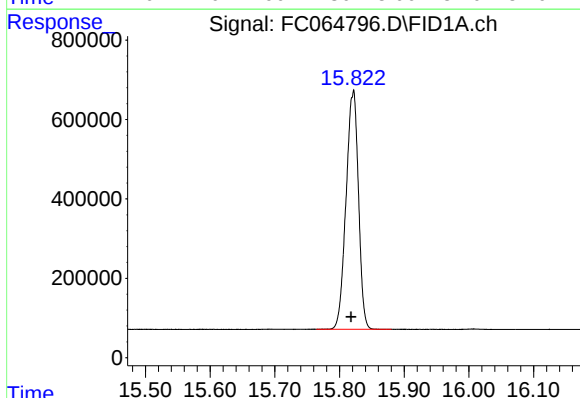
R.T.: 13.706 min
Delta R.T.: 0.003 min
Response: 8643275
Conc: 52.46 ug/ml

Instrument :
FID_C
ClientSampleId :
PB156325BSD



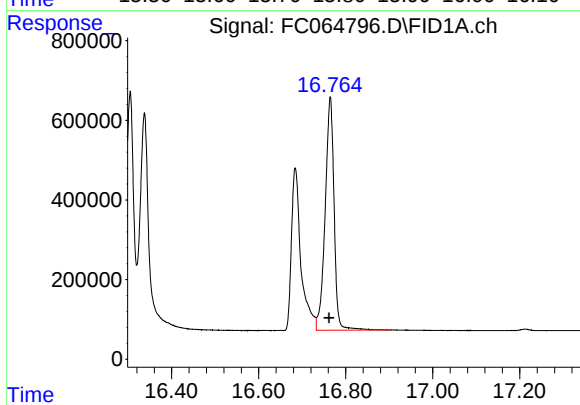
#14 n-Tetracosane (C24)

R.T.: 14.801 min
Delta R.T.: -0.002 min
Response: 16280939
Conc: 102.29 ug/ml



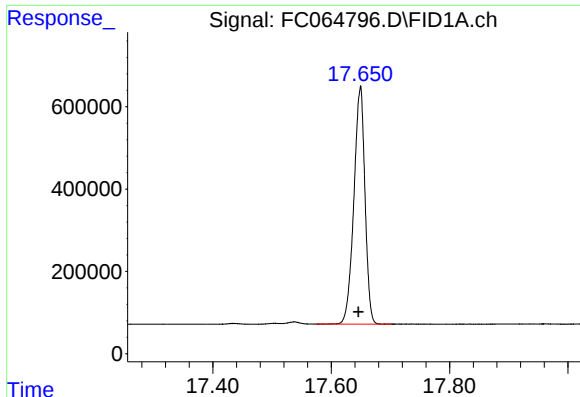
#15 n-Hexacosane (C26)

R.T.: 15.821 min
Delta R.T.: 0.003 min
Response: 8005639
Conc: 52.26 ug/ml



#16 n-Octacosane (C28)

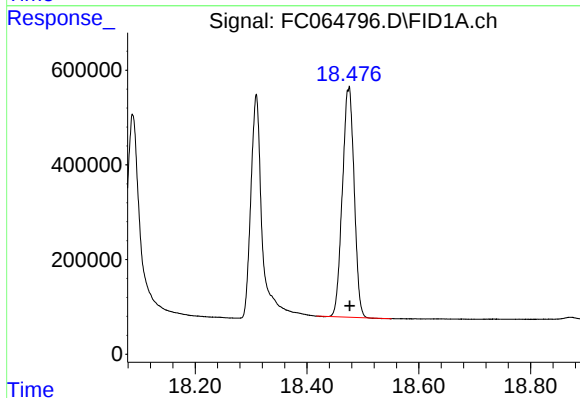
R.T.: 16.765 min
Delta R.T.: 0.003 min
Response: 8357168
Conc: 56.71 ug/ml



#17 n-Tricontane (C30)

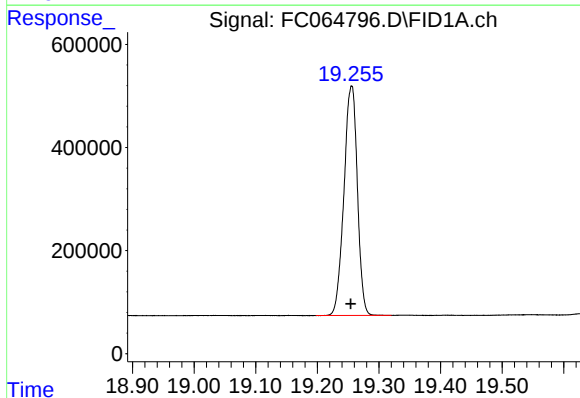
R.T.: 17.649 min
Delta R.T.: 0.003 min
Response: 7519760
Conc: 51.40 ug/ml

Instrument :
FID_C
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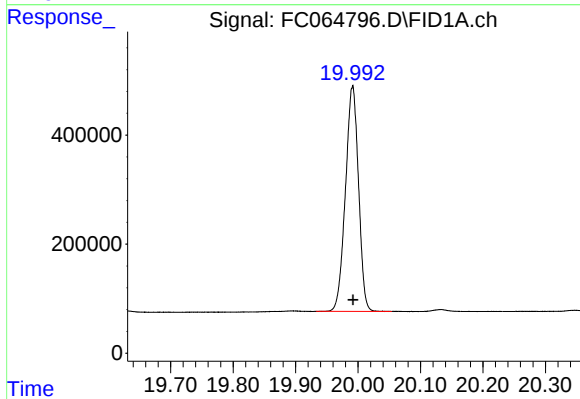
#18 n-Dotriacontane (C32)

R.T.: 18.475 min
Delta R.T.: -0.002 min
Response: 7102136
Conc: 49.19 ug/ml



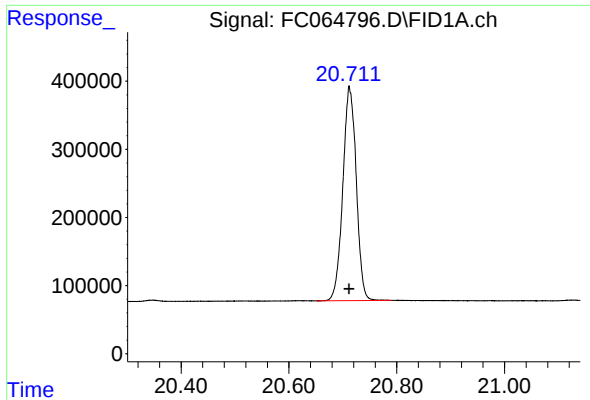
#19 n-Tetratriacontane (C34)

R.T.: 19.256 min
Delta R.T.: 0.001 min
Response: 6742853
Conc: 47.92 ug/ml



#20 n-Hexatriacontane (C36)

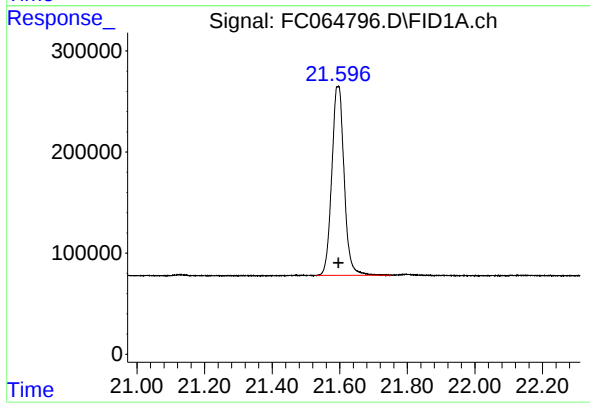
R.T.: 19.991 min
Delta R.T.: 0.000 min
Response: 6021435
Conc: 43.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: 0.000 min
Response: 5421833
Conc: 40.93 ug/ml

Instrument :
FID_C
ClientSampleId :
PB156325BSD



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.000 min
Response: 4743608
Conc: 37.90 ug/ml