

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062723AL\
 Data File : FC064012.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2023 16:43
 Operator : YP/AJ
 Sample : PB153815BSD
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB153815BSD

Integration File: autoint1.e
 Quant Time: Jun 28 00:49:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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)	11.527	8495131	43.753 ug/ml
Spiked Amount 50.000		Recovery =	87.51%
12) S 1-chlorooctadecane (S...	12.961	6800153	48.876 ug/ml
Spiked Amount 50.000		Recovery =	97.75%
Target Compounds			
1) T n-Nonane (C9)	3.321	6773304	37.978 ug/ml
2) T n-Decane (C10)	4.376	6893989	38.098 ug/ml
3) T A~Naphthalene (C11.7)	5.951	7679934	41.172 ug/ml
4) T n-Dodecane (C12)	6.384	7194997	39.939 ug/ml
5) T A~2-methylnaphthalene...	7.007	7579577	43.068 ug/ml
6) T n-Tetradecane (C14)	8.178	7450312	43.068 ug/ml
7) T n-Hexadecane (C16)	9.774	7796950	44.885 ug/ml
8) T n-Octadecane (C18)	11.213	8004693	46.445 ug/ml
10) T n-Eicosane (C20)	12.518	7596554	46.534 ug/ml
11) T n-Heneicosane (C21)	13.129	7438375	46.425 ug/ml
13) T n-Docosane (C22)	13.714	7326009	46.622 ug/ml
14) T n-Tetracosane (C24)	14.799	14554636	92.339 ug/ml
15) T n-Hexacosane (C26)	15.832	7010177	46.399 ug/ml
16) T n-Octacosane (C28)	16.778	6980114	46.324 ug/ml
17) T n-Tricontane (C30)	17.665	6877852	44.053 ug/ml
18) T n-Dotriacontane (C32)	18.492	6831637	43.244 ug/ml
19) T n-Tetratriacontane (C34)	19.272	6672427	43.362 ug/ml
20) T n-Hexatriacontane (C36)	20.011	6387179	43.262 ug/ml
21) T n-Octatriacontane (C38)	20.735	6260493	42.264 ug/ml
22) T n-Tetracontane (C40)	21.623	6253320	42.902 ug/ml

(f)=RT Delta > 1/2 Window

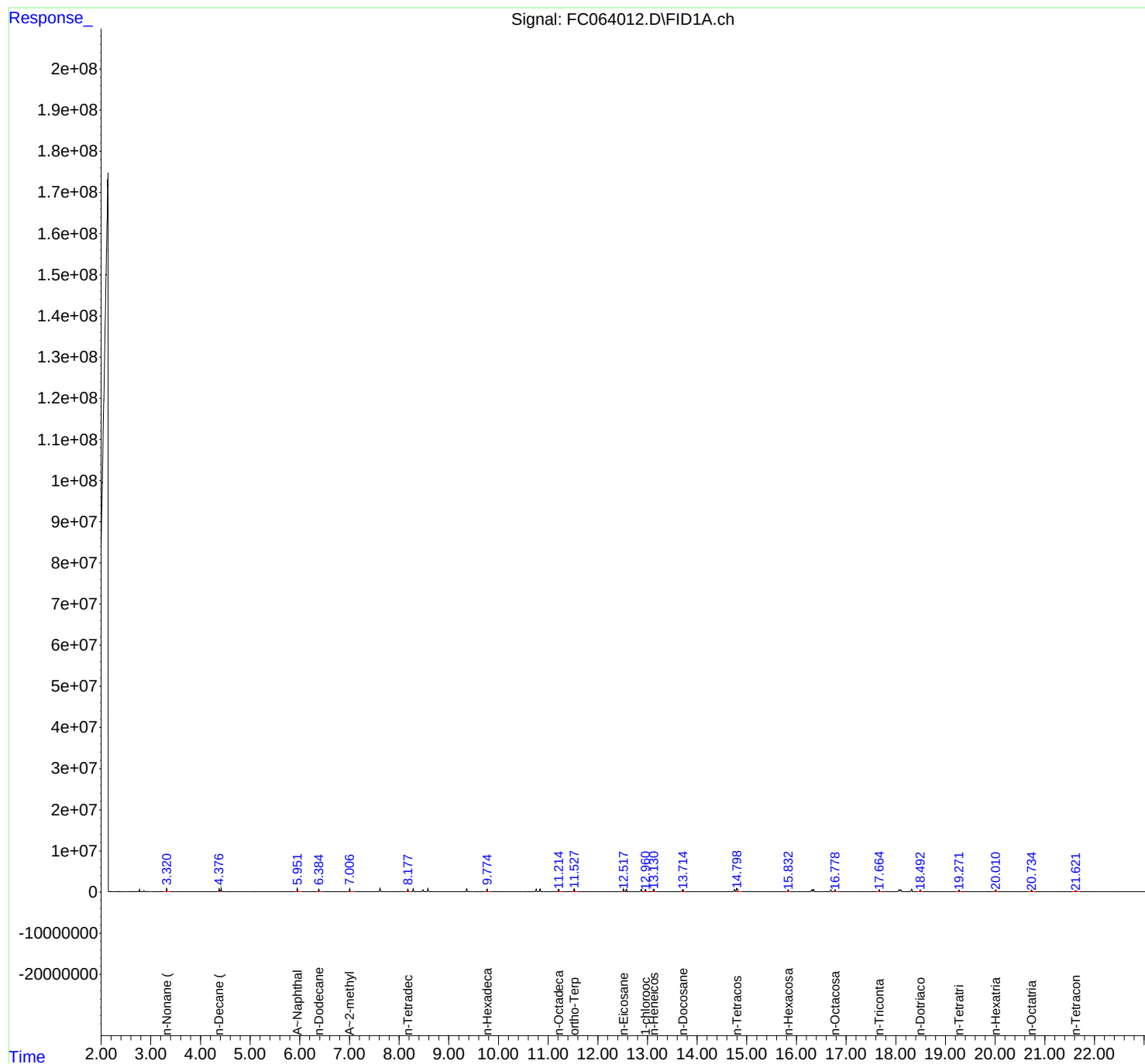
(m)=manual int.

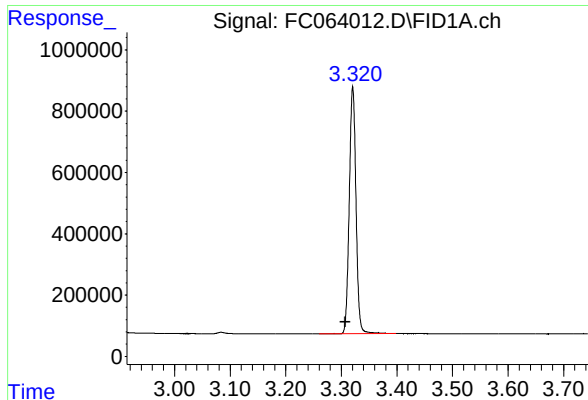
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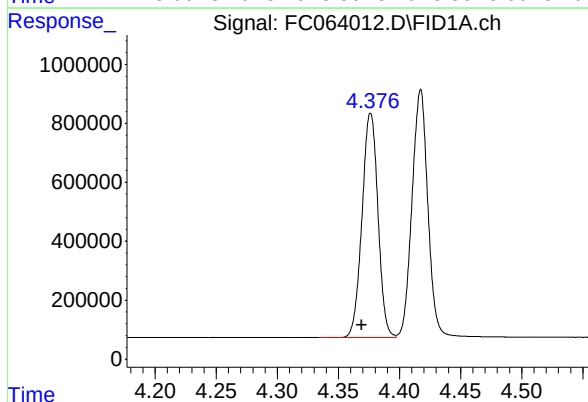




#1 n-Nonane (C9)

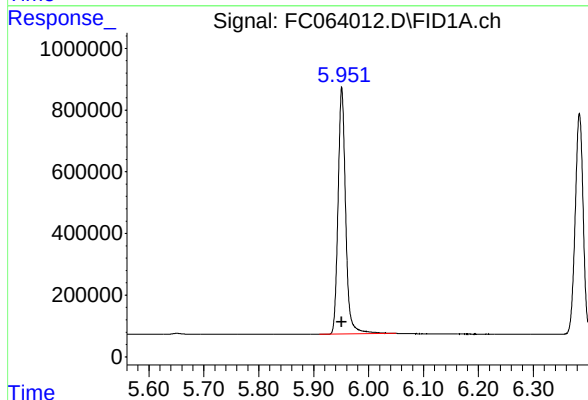
R.T.: 3.321 min
Delta R.T.: 0.014 min
Response: 6773304
Conc: 37.98 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153815BSD



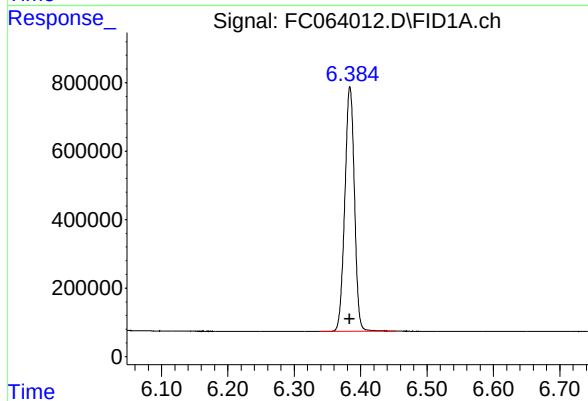
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.007 min
Response: 6893989
Conc: 38.10 ug/ml



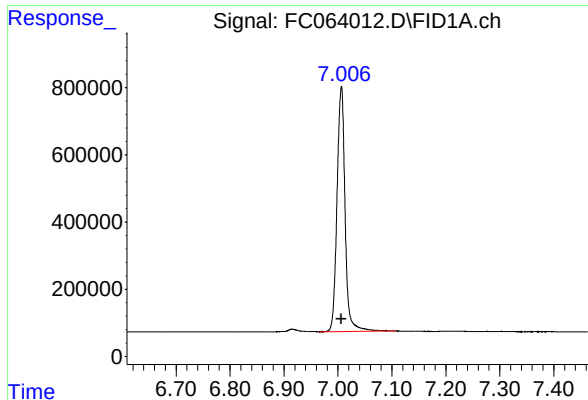
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 7679934
Conc: 41.17 ug/ml



#4 n-Dodecane (C12)

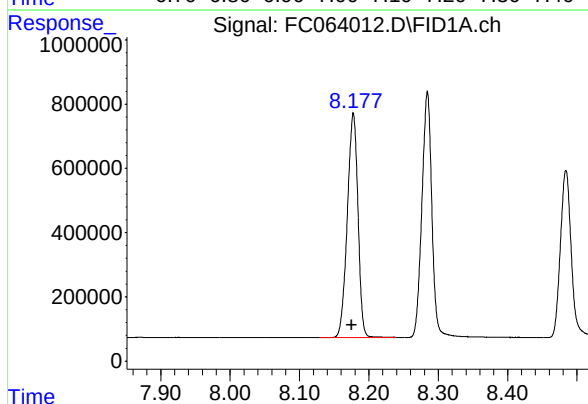
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 7194997
Conc: 39.94 ug/ml



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

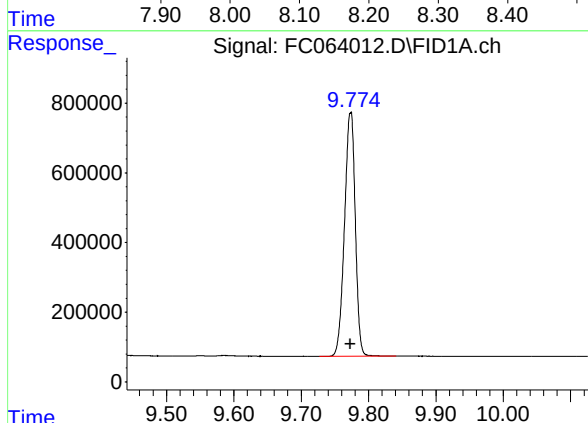
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 7579577
Conc: 43.07 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153815BSD



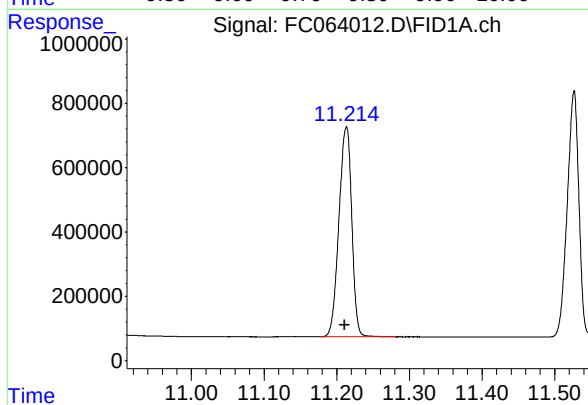
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.002 min
Response: 7450312
Conc: 43.07 ug/ml



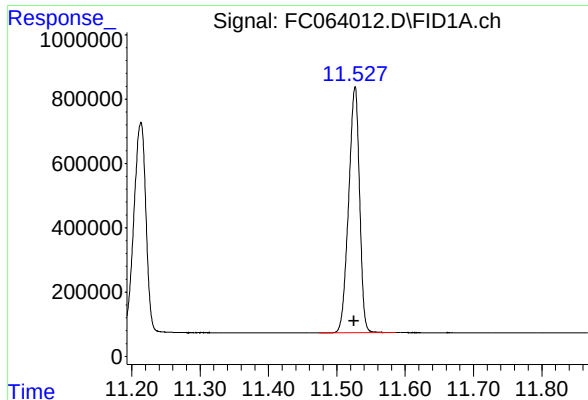
#7 n-Hexadecane (C16)

R.T.: 9.774 min
Delta R.T.: 0.000 min
Response: 7796950
Conc: 44.88 ug/ml



#8 n-Octadecane (C18)

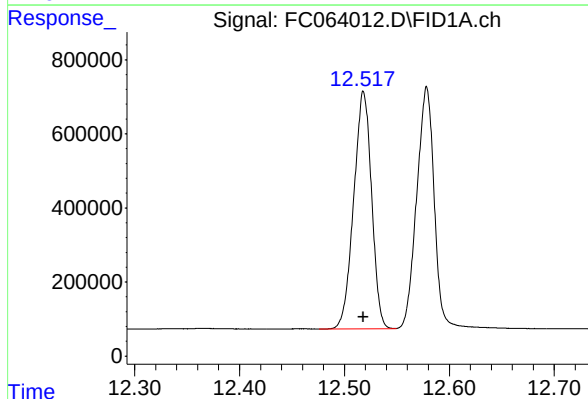
R.T.: 11.213 min
Delta R.T.: 0.002 min
Response: 8004693
Conc: 46.45 ug/ml



#9 ortho-Terphenyl (SURR)

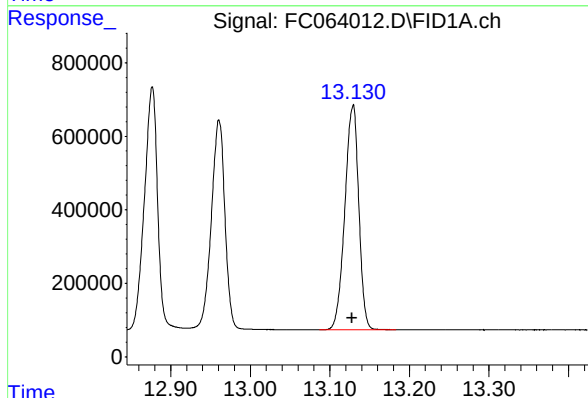
R.T.: 11.527 min
Delta R.T.: 0.002 min
Response: 8495131
Conc: 43.75 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153815BSD



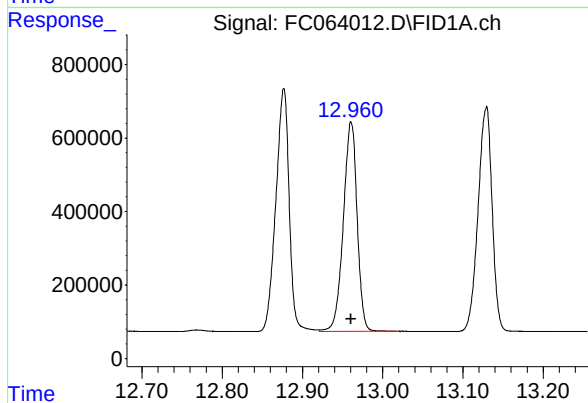
#10 n-Eicosane (C20)

R.T.: 12.518 min
Delta R.T.: 0.000 min
Response: 7596554
Conc: 46.53 ug/ml



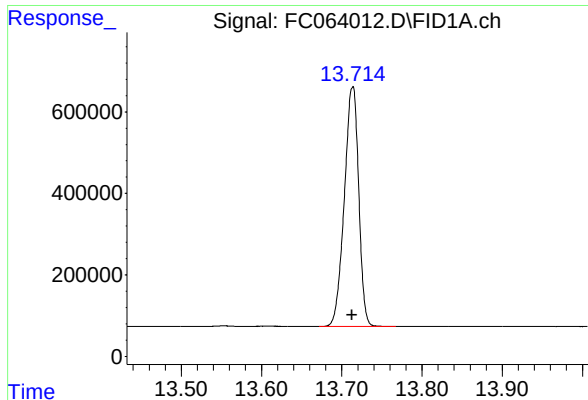
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.001 min
Response: 7438375
Conc: 46.43 ug/ml



#12 1-chlorooctadecane (SURR)

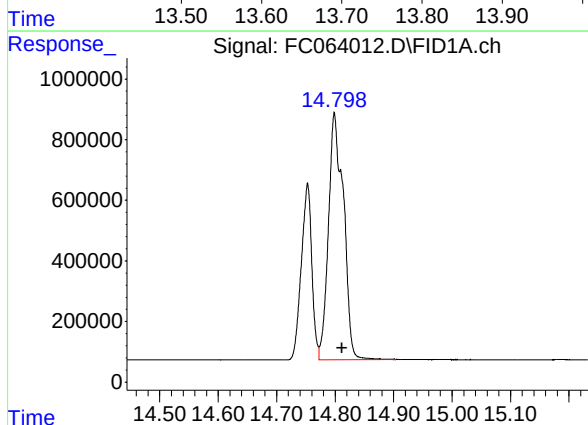
R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 6800153
Conc: 48.88 ug/ml



#13 n-Docosane (C22)

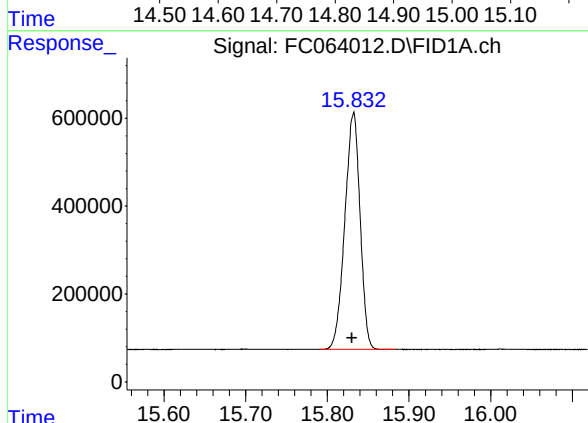
R.T.: 13.714 min
Delta R.T.: 0.000 min
Response: 7326009
Conc: 46.62 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153815BSD



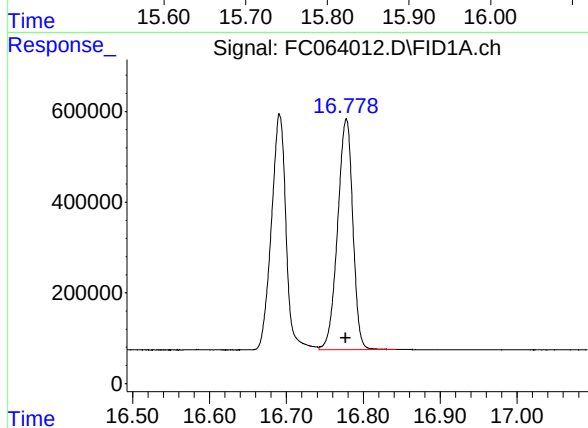
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: -0.014 min
Response: 14554636
Conc: 92.34 ug/ml



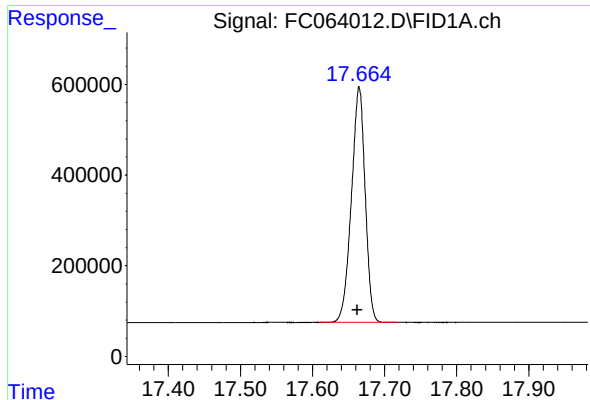
#15 n-Hexacosane (C26)

R.T.: 15.832 min
Delta R.T.: 0.002 min
Response: 7010177
Conc: 46.40 ug/ml



#16 n-Octacosane (C28)

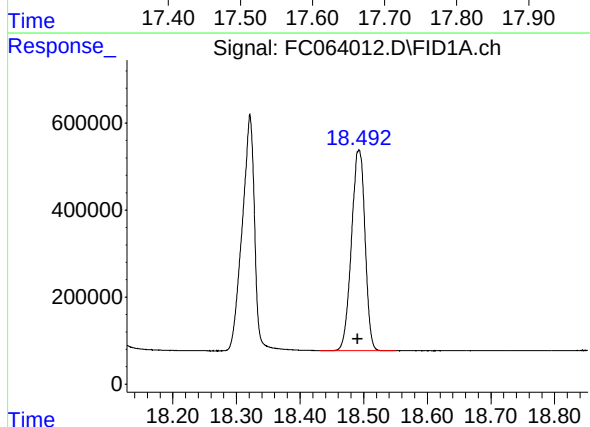
R.T.: 16.778 min
Delta R.T.: 0.001 min
Response: 6980114
Conc: 46.32 ug/ml



#17 n-Tricontane (C30)

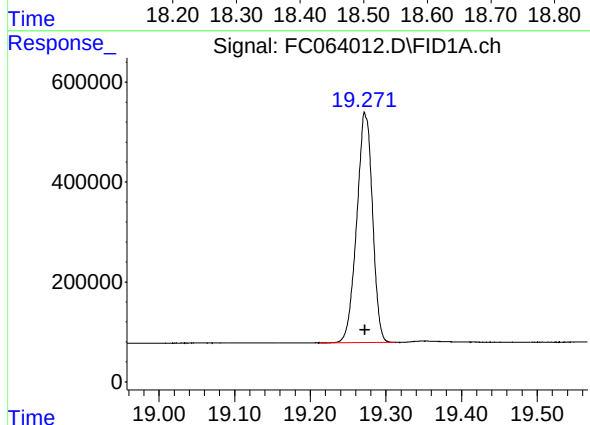
R.T.: 17.665 min
Delta R.T.: 0.003 min
Response: 6877852
Conc: 44.05 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153815BSD



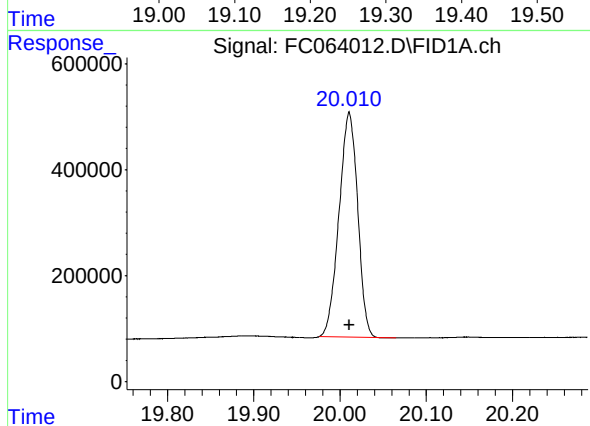
#18 n-Dotriacontane (C32)

R.T.: 18.492 min
Delta R.T.: 0.001 min
Response: 6831637
Conc: 43.24 ug/ml



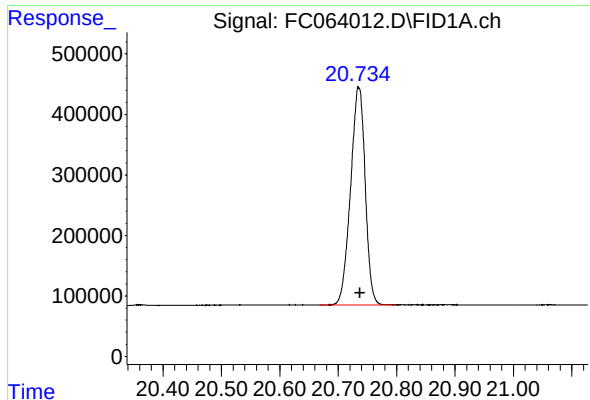
#19 n-Tetatriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.000 min
Response: 6672427
Conc: 43.36 ug/ml



#20 n-Hexatriacontane (C36)

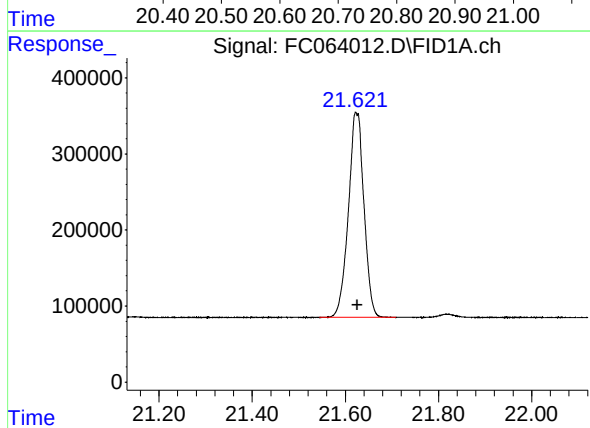
R.T.: 20.011 min
Delta R.T.: 0.000 min
Response: 6387179
Conc: 43.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.735 min
Delta R.T.: -0.002 min
Response: 6260493
Conc: 42.26 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153815BSD



#22 n-Tetracontane (C40)

R.T.: 21.623 min
Delta R.T.: -0.003 min
Response: 6253320
Conc: 42.90 ug/ml