

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060823AL\
 Data File : FC063785.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jun 2023 13:49
 Operator : YP/AJ
 Sample : PB153296BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB153296BS

Integration File: autoint1.e
 Quant Time: Jun 09 01:26:43 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)	11.538	6597145	36.152 ug/ml
Spiked Amount 50.000		Recovery =	72.30%
12) S 1-chlorooctadecane (S...	12.972	4898173	38.335 ug/ml
Spiked Amount 50.000		Recovery =	76.67%
Target Compounds			
1) T n-Nonane (C9)	3.330	6051334	37.967 ug/ml
2) T n-Decane (C10)	4.385	6360906	39.350 ug/ml
3) T A~Naphthalene (C11.7)	5.961	6751117	38.861 ug/ml
4) T n-Dodecane (C12)	6.394	6489234	39.687 ug/ml
5) T A~2-methylnaphthalene...	7.017	6360268	38.824 ug/ml
6) T n-Tetradecane (C14)	8.187	6386647	40.609 ug/ml
7) T n-Hexadecane (C16)	9.784	6459070	40.587 ug/ml
8) T n-Octadecane (C18)	11.223	6268003	39.614 ug/ml
10) T n-Eicosane (C20)	12.529	6077045	41.091 ug/ml
11) T n-Heneicosane (C21)	13.140	5769347	40.080 ug/ml
13) T n-Docosane (C22)	13.724	5657689	40.162 ug/ml
14) T n-Tetracosane (C24)	14.810	10772473	78.505 ug/ml
15) T n-Hexacosane (C26)	15.844	5294932	39.934 ug/ml
16) T n-Octacosane (C28)	16.788	5190163	40.875 ug/ml
17) T n-Tricontane (C30)	17.677	5211698	40.792 ug/ml
18) T n-Dotriacontane (C32)	18.505	5144945	41.347 ug/ml
19) T n-Tetratriacontane (C34)	19.285	4877509	39.559 ug/ml
20) T n-Hexatriacontane (C36)	20.023	3937528	32.807 ug/ml
21) T n-Octatriacontane (C38)	20.748	2888275	23.923 ug/ml
22) T n-Tetracontane (C40)	21.643	2076046	17.133 ug/ml

(f)=RT Delta > 1/2 Window

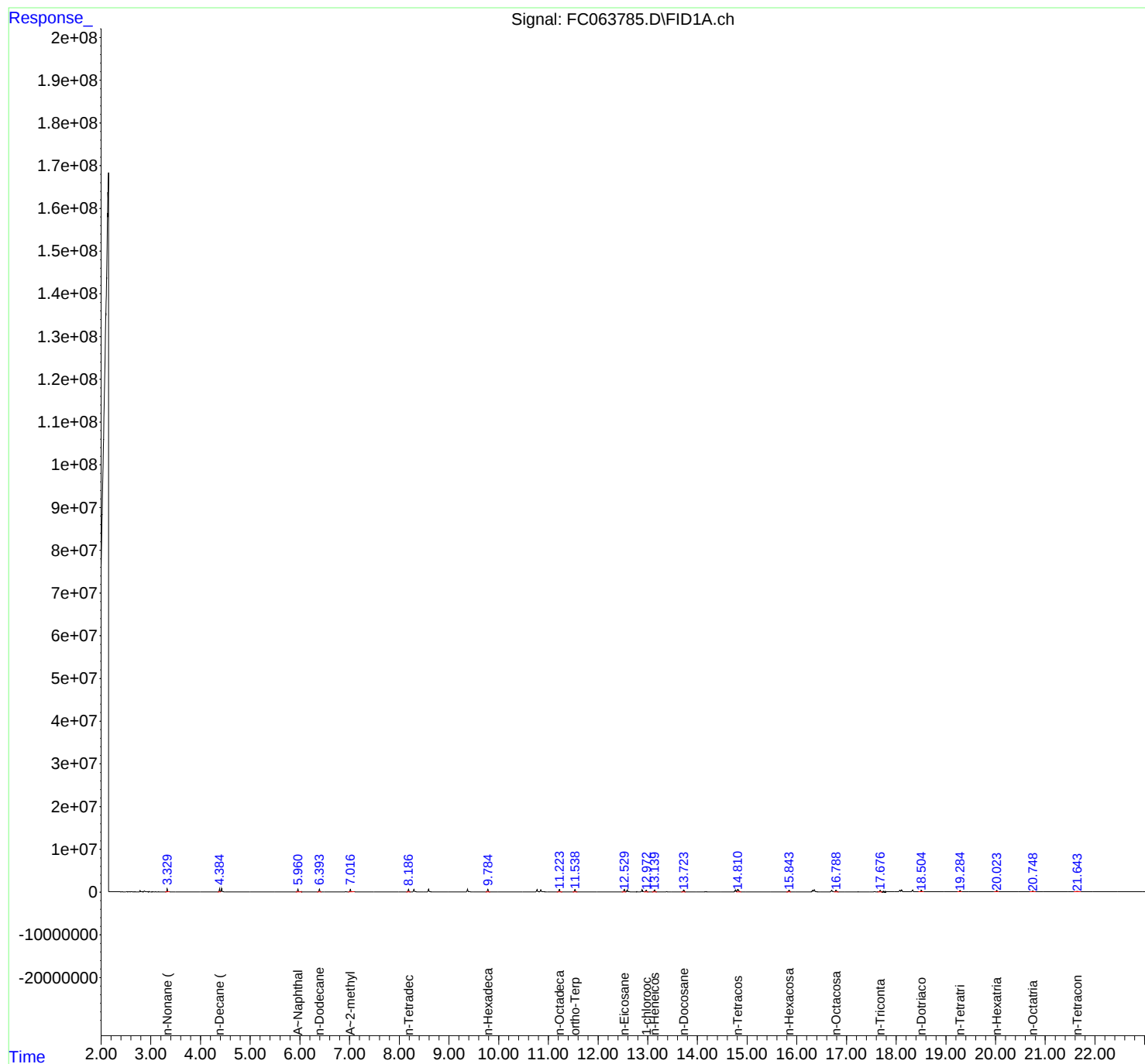
(m)=manual int.

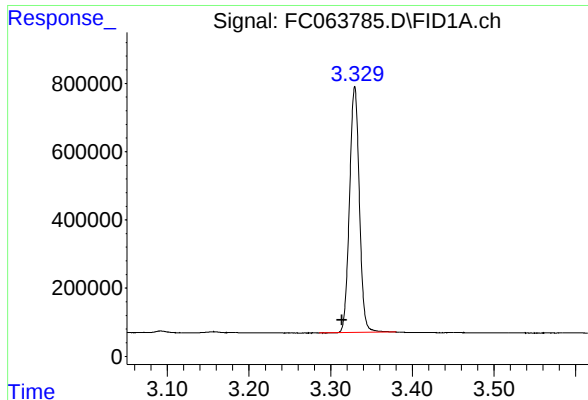
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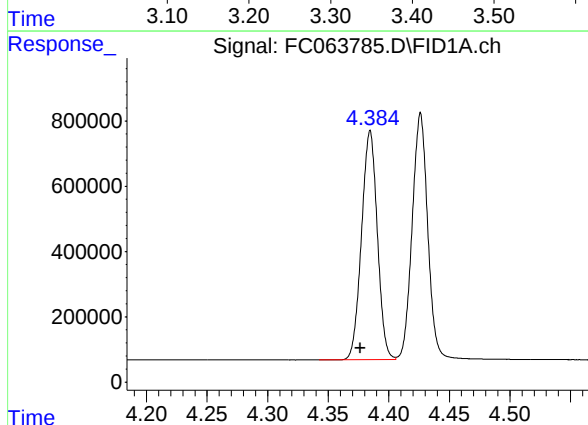




#1 n-Nonane (C9)

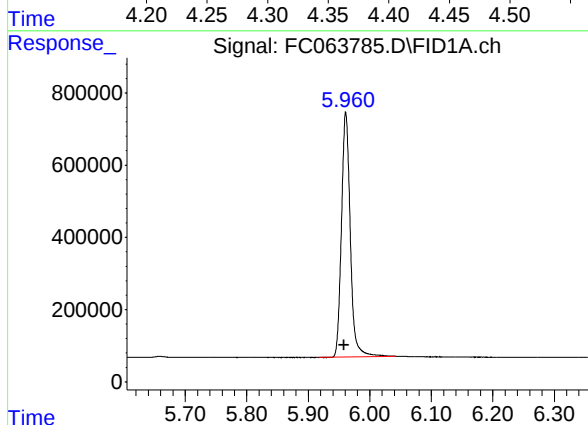
R.T.: 3.330 min
Delta R.T.: 0.016 min
Response: 6051334
Conc: 37.97 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153296BS



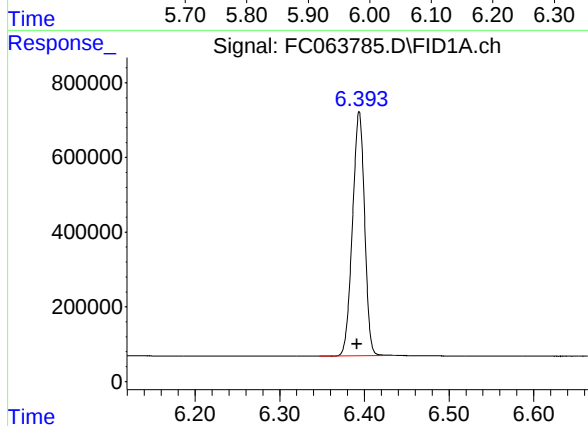
#2 n-Decane (C10)

R.T.: 4.385 min
Delta R.T.: 0.008 min
Response: 6360906
Conc: 39.35 ug/ml



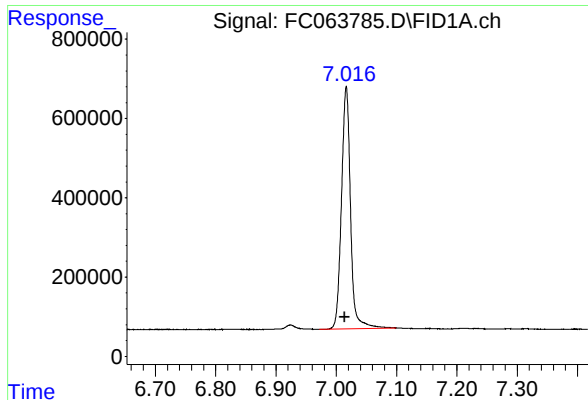
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: 0.003 min
Response: 6751117
Conc: 38.86 ug/ml



#4 n-Dodecane (C12)

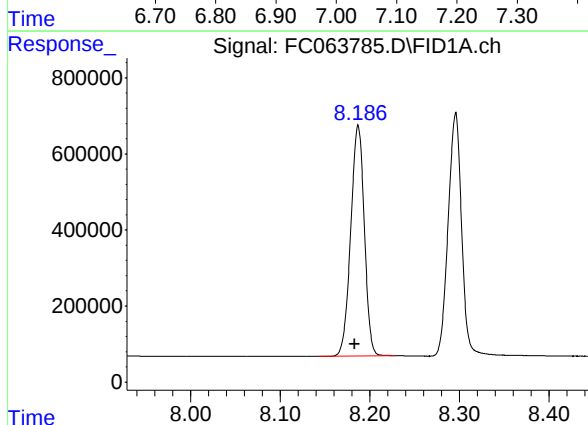
R.T.: 6.394 min
Delta R.T.: 0.003 min
Response: 6489234
Conc: 39.69 ug/ml



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

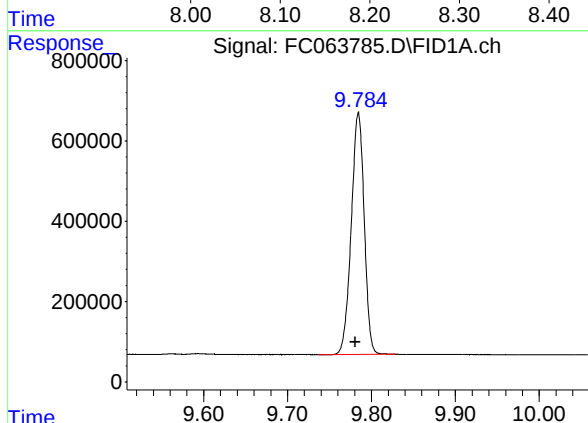
R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 6360268
Conc: 38.82 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153296BS



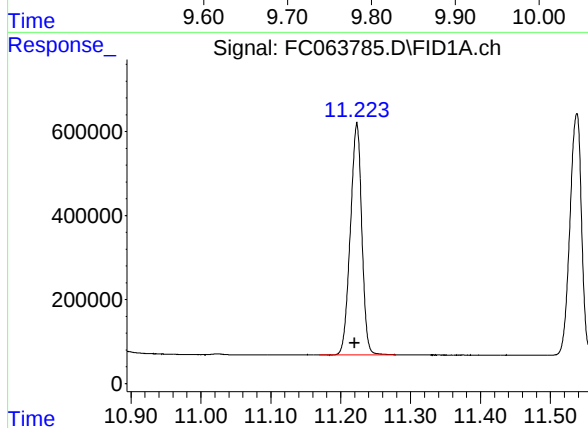
#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: 0.004 min
Response: 6386647
Conc: 40.61 ug/ml



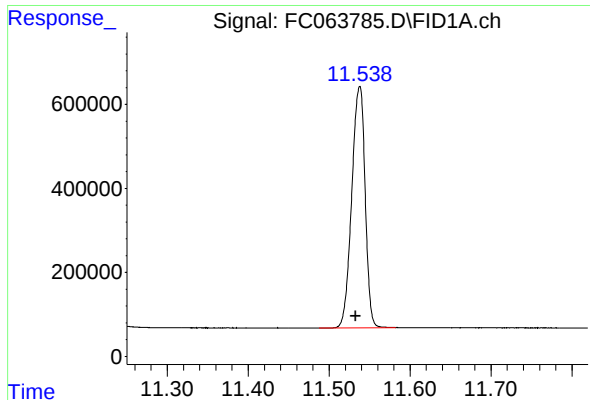
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: 0.004 min
Response: 6459070
Conc: 40.59 ug/ml



#8 n-Octadecane (C18)

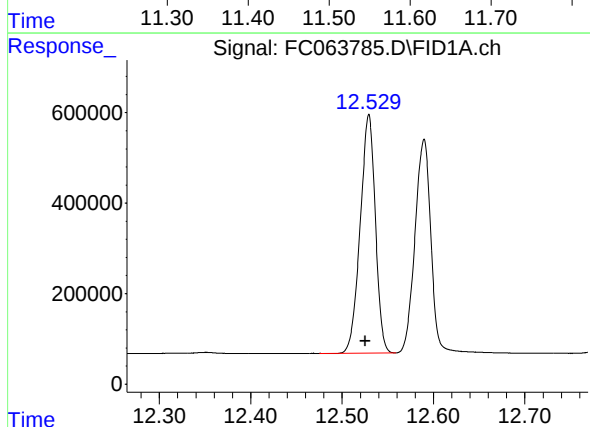
R.T.: 11.223 min
Delta R.T.: 0.003 min
Response: 6268003
Conc: 39.61 ug/ml



#9 ortho-Terphenyl (SURR)

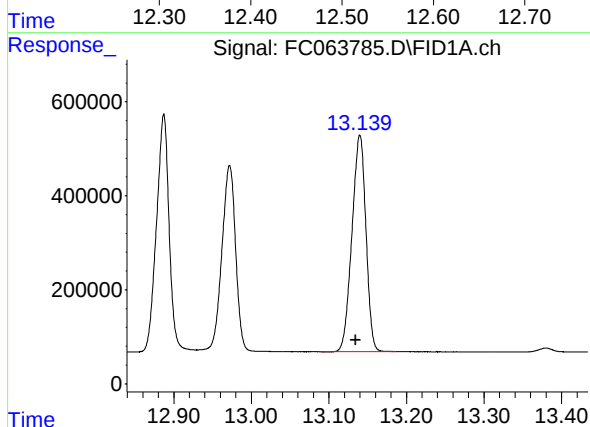
R.T.: 11.538 min
Delta R.T.: 0.005 min
Response: 6597145
Conc: 36.15 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153296BS



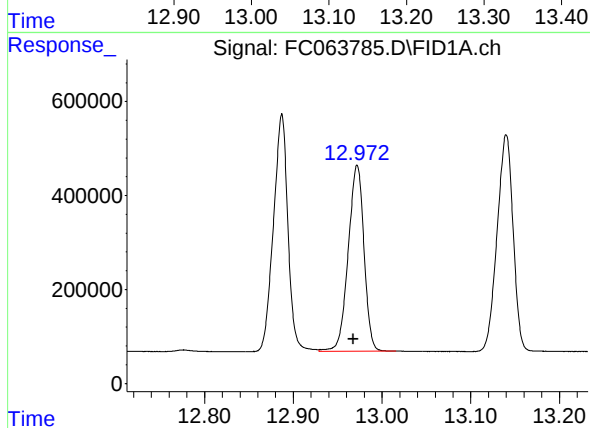
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: 0.004 min
Response: 6077045
Conc: 41.09 ug/ml



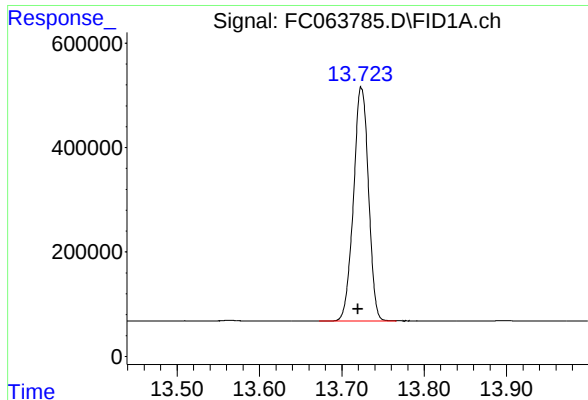
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: 0.006 min
Response: 5769347
Conc: 40.08 ug/ml



#12 1-chlorooctadecane (SURR)

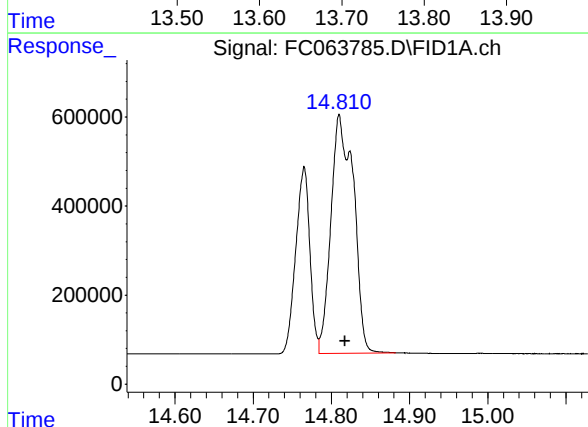
R.T.: 12.972 min
Delta R.T.: 0.004 min
Response: 4898173
Conc: 38.34 ug/ml



#13 n-Docosane (C22)

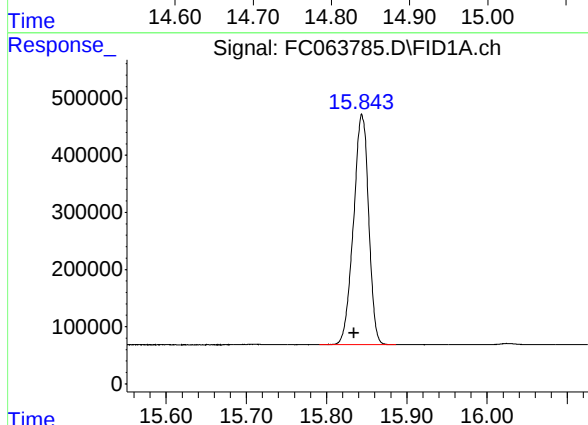
R.T.: 13.724 min
Delta R.T.: 0.004 min
Response: 5657689
Conc: 40.16 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153296BS



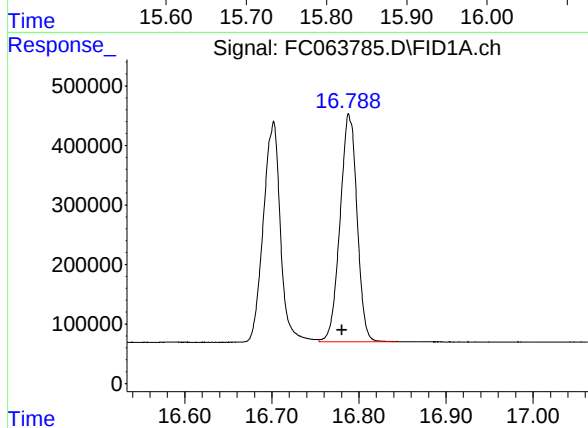
#14 n-Tetracosane (C24)

R.T.: 14.810 min
Delta R.T.: -0.008 min
Response: 10772473
Conc: 78.51 ug/ml



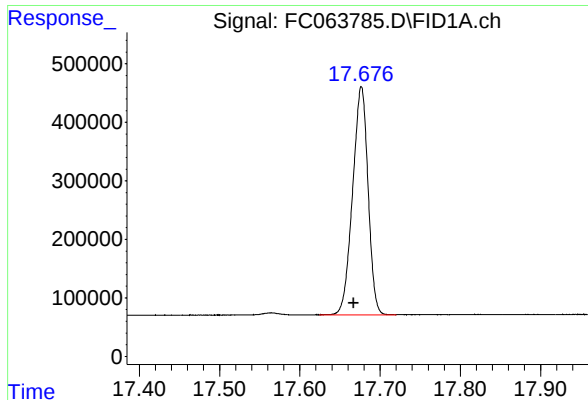
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.010 min
Response: 5294932
Conc: 39.93 ug/ml



#16 n-Octacosane (C28)

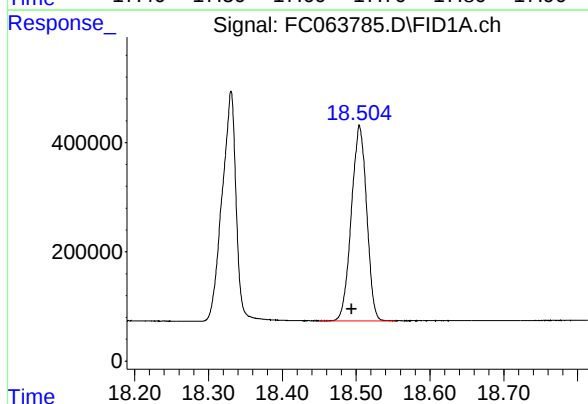
R.T.: 16.788 min
Delta R.T.: 0.008 min
Response: 5190163
Conc: 40.87 ug/ml



#17 n-Tricontane (C30)

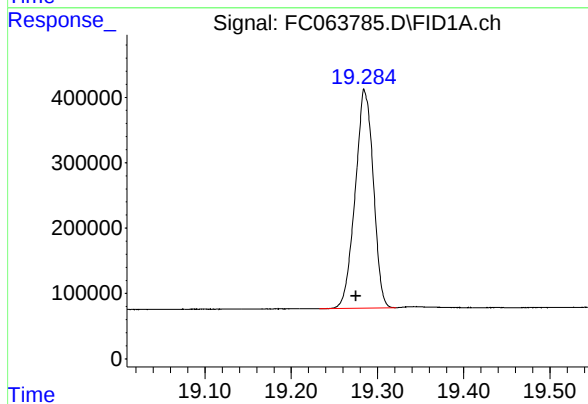
R.T.: 17.677 min
Delta R.T.: 0.010 min
Response: 5211698
Conc: 40.79 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153296BS



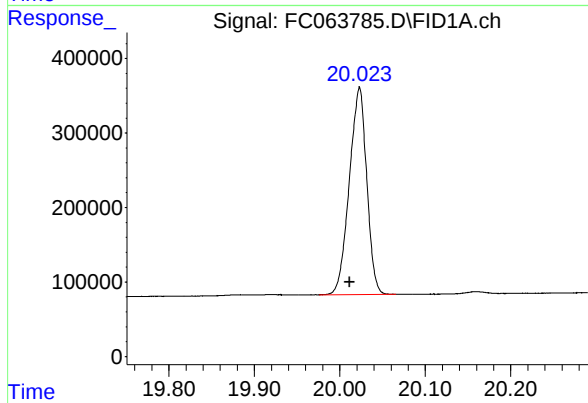
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: 0.011 min
Response: 5144945
Conc: 41.35 ug/ml



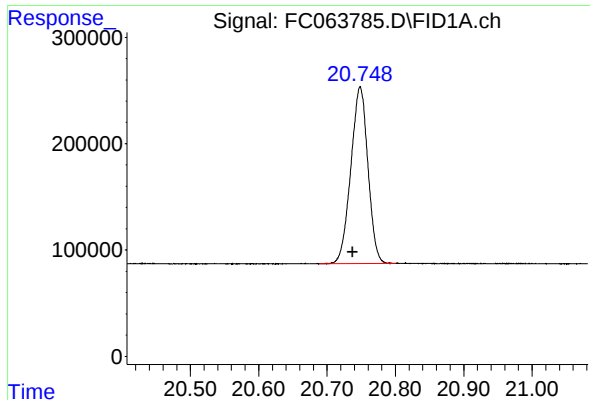
#19 n-Tetatriacontane (C34)

R.T.: 19.285 min
Delta R.T.: 0.010 min
Response: 4877509
Conc: 39.56 ug/ml



#20 n-Hexatriacontane (C36)

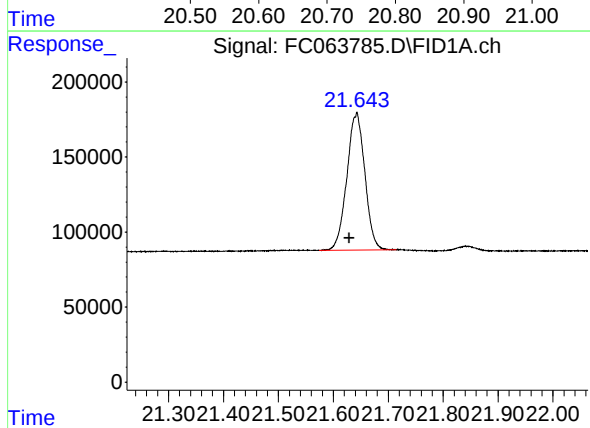
R.T.: 20.023 min
Delta R.T.: 0.012 min
Response: 3937528
Conc: 32.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: 0.011 min
Response: 2888275
Conc: 23.92 ug/ml

Instrument :
FID_C
ClientSampleId :
PB153296BS



#22 n-Tetracontane (C40)

R.T.: 21.643 min
Delta R.T.: 0.014 min
Response: 2076046
Conc: 17.13 ug/ml